

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
 Data File : BF115189.D
 Acq On : 25 Jun 2019 16:01
 Operator : HP/JU
 Sample : PB120652BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120652BS

Manual Integrations
 APPROVED

mohammad
 6/26/2019 2:03:25 PM

Quant Time: Jun 26 06:57:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	275605	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1109988	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	558417	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	1079843	20.00	ng	0.00
76) Chrysene-d12	13.74	240	739785	20.00	ng	-0.01
87) Perylene-d12	15.09	264	777546	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1962138	109.86	ng	0.02
7) Phenol-d6	6.26	99	2423286	111.79	ng	0.00
23) Nitrobenzene-d5	7.18	82	1496843	82.95	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	719040	122.10	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	2794556	85.01	ng	-0.01
79) Terphenyl-d14	12.69	244	2935388	84.36	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.30	88	300328	35.631	ng	99
3) Pyridine	2.94	79	819082	34.478	ng	98
4) n-Nitrosodimethylamine	2.89	42	342423	36.767	ng	96
6) Aniline	6.27	93	739665	24.827	ng	# 1
8) 2-Chlorophenol	6.40	128	827899	41.225	ng	99
9) Benzaldehyde	6.15	77	114649	8.107	ng	98
10) Phenol	6.27	94	948289	37.346	ng	94
11) bis(2-Chloroethyl)ether	6.35	93	751135	40.130	ng	98
12) 1,3-Dichlorobenzene	6.55	146	872245	39.136	ng	99
13) 1,4-Dichlorobenzene	6.63	146	882007	39.464	ng	99
14) 1,2-Dichlorobenzene	6.78	146	821776	39.705	ng	99
15) Benzyl Alcohol	6.76	79	472638	29.943	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1060879	39.078	ng	96
17) 2-Methylphenol	6.88	107	720051	43.438	ng	98
18) Hexachloroethane	7.12	117	316966	39.339	ng	96
19) n-Nitroso-di-n-propylamine	7.04	70	535836	38.610	ng	99
20) 3+4-Methylphenols	7.03	107	815893	42.627	ng	92
22) Acetophenone	7.02	105	1096742	43.160	ng	# 97
24) Nitrobenzene	7.20	77	839657	42.239	ng	99
25) Isophorone	7.44	82	1547940	41.877	ng	99
26) 2-Nitrophenol	7.51	139	471171	47.995	ng	99
27) 2,4-Dimethylphenol	7.56	122	804329	50.041	ng	98
28) bis(2-Chloroethoxy)methane	7.65	93	968025	41.434	ng	99
29) 2,4-Dichlorophenol	7.75	162	724481	43.676	ng	97
30) 1,2,4-Trichlorobenzene	7.84	180	785510	42.872	ng	99
31) Naphthalene	7.91	128	2335239	42.859	ng	99
32) Benzoic acid	7.70	122	592769	51.665	ng	97
33) 4-Chloroaniline	7.97	127	564503	22.669	ng	98
34) Hexachlorobutadiene	8.04	225	422494	42.078	ng	99
35) Caprolactam	8.34	113	243329m	43.632	ng	
36) 4-Chloro-3-methylphenol	8.46	107	752633	44.803	ng	95
37) 2-Methylnaphthalene	8.61	142	1595481	43.429	ng	99
38) 1-Methylnaphthalene	8.71	142	1523420	43.418	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	676426	42.866	ng	100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	699599	74.768	ng	99
43) 2,4,6-Trichlorophenol	8.88	196	512234	42.046	ng	100
44) 2,4,5-Trichlorophenol	8.93	196	584627	46.599	ng	99
46) 1,1'-Biphenyl	9.07	154	1854155	41.497	ng	98
47) 2-Chloronaphthalene	9.09	162	1512179	41.723	ng	97
48) 2-Nitroaniline	9.18	65	456297	43.183	ng	98
49) Acenaphthylene	9.50	152	2329625	41.255	ng	98
50) Dimethylphthalate	9.38	163	1722398	41.924	ng	99
51) 2,6-Dinitrotoluene	9.43	165	416507	43.912	ng	97
52) Acenaphthene	9.68	154	1384068	39.170	ng	99
53) 3-Nitroaniline	9.59	138	314897	27.205	ng	97
54) 2,4-Dinitrophenol	9.70	184	447268	90.572	ng	96
55) Dibenzofuran	9.85	168	2034775	40.121	ng	99
56) 4-Nitrophenol	9.77	139	728070	78.460	ng	94
57) 2,4-Dinitrotoluene	9.83	165	552313	45.097	ng	95
58) Fluorene	10.19	166	1405146	41.034	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	484822	46.086	ng	99
60) Diethylphthalate	10.08	149	1701390	41.198	ng	100
61) 4-Chlorophenyl-phenylether	10.18	204	683418	42.162	ng	97
62) 4-Nitroaniline	10.21	138	467680	40.276	ng	98
63) Azobenzene	10.34	77	1568880	40.672	ng	99
65) 4,6-Dinitro-2-methylphenol	10.24	198	270366	47.153	ng	93
66) n-Nitrosodiphenylamine	10.30	169	1446314	42.991	ng	99
67) 4-Bromophenyl-phenylether	10.67	248	491866	42.012	ng	97
68) Hexachlorobenzene	10.73	284	546489	43.004	ng	95
69) Atrazine	10.83	200	464952	42.963	ng	99
70) Pentachlorophenol	10.92	266	683274	84.397	ng	97
71) Phenanthrene	11.14	178	2308447	39.705	ng	99
72) Anthracene	11.19	178	2367926	40.347	ng	98
73) Carbazole	11.34	167	2171906	41.443	ng	98
74) Di-n-butylphthalate	11.69	149	2488336	41.089	ng	98
75) Fluoranthene	12.32	202	2389729	41.196	ng	97
77) Benzidine	12.44	184	809388	24.639	ng	99
78) Pyrene	12.54	202	2428234	42.711	ng	98
80) Butylbenzylphthalate	13.18	149	1143710	45.585	ng	92
81) Benzo(a)anthracene	13.72	228	2243143	42.258	ng	99
82) 3,3'-Dichlorobenzidine	13.69	252	702325	36.639	ng	99
83) Chrysene	13.76	228	2116462	43.527	ng	99
84) Bis(2-ethylhexyl)phthalate	13.74	149	1447122	44.018	ng	100
85) Di-n-octyl phthalate	14.35	149	2500119	45.262	ng	99
86) Indeno(1,2,3-cd)pyrene	16.37	276	2403183	41.768	ng	99
88) Benzo(b)fluoranthene	14.72	252	2403507	49.540	ng	98
89) Benzo(k)fluoranthene	14.75	252	2112171	48.546	ng	98
90) Benzo(a)pyrene	15.05	252	2200773	50.328	ng	98
91) Dibenzo(a,h)anthracene	16.39	278	1958320	47.970	ng	99
92) Benzo(g,h,i)perylene	16.75	276	1987796	48.109	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

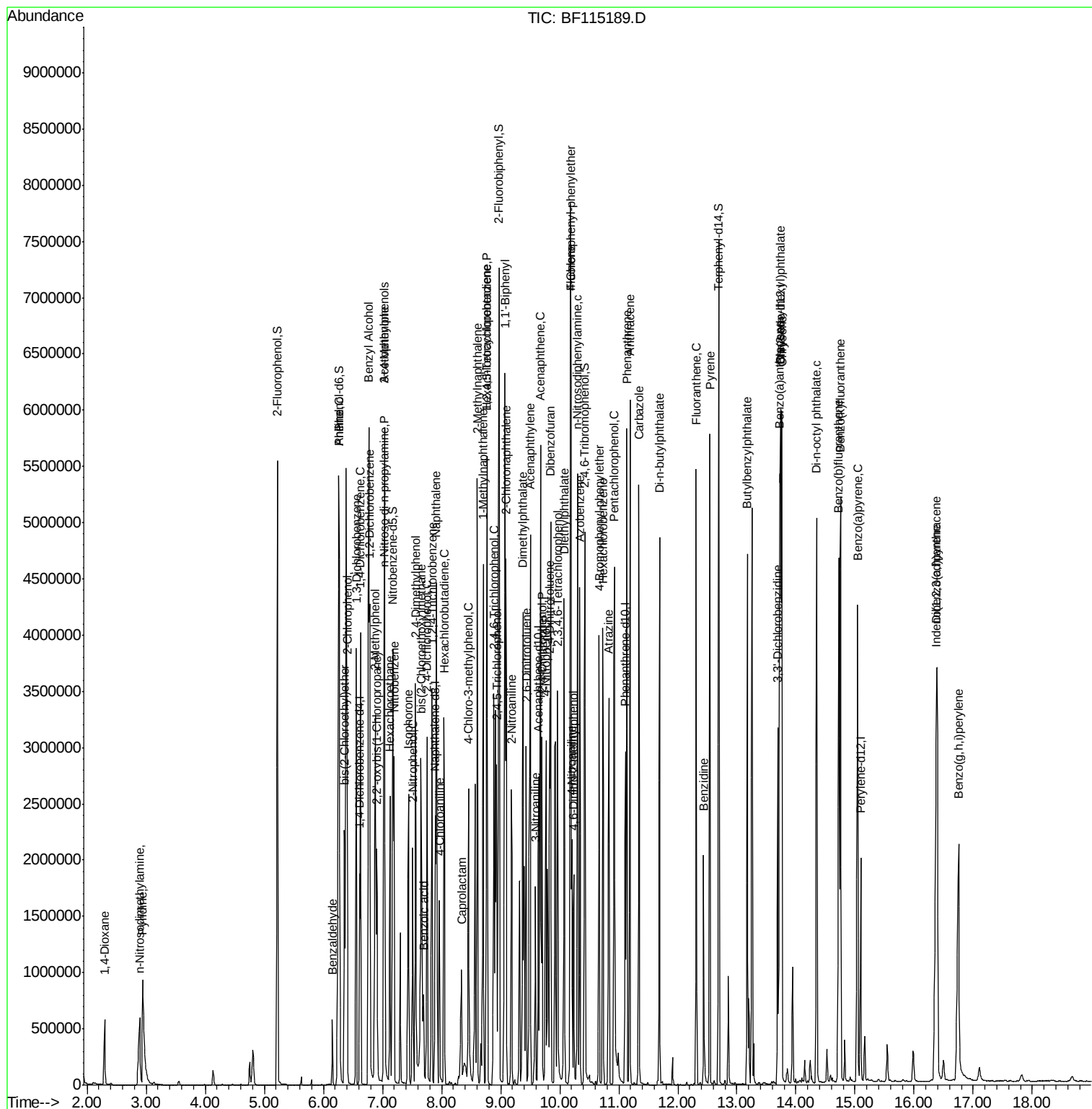
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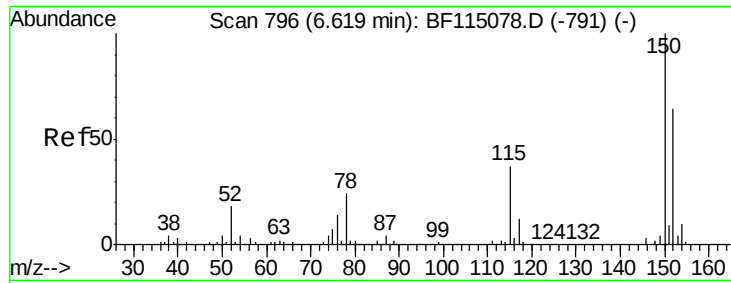
Instrument :
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ClientSampleId :
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#1

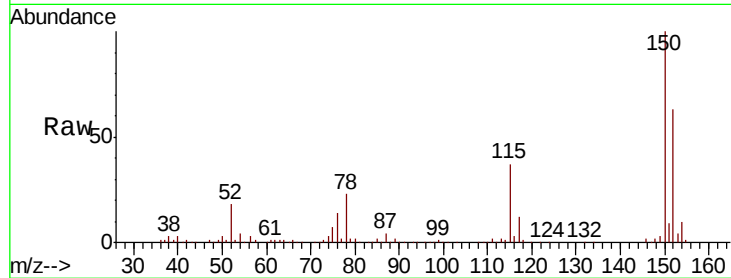
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB120652BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.2	186.2
115	58.6	46.1	69.1

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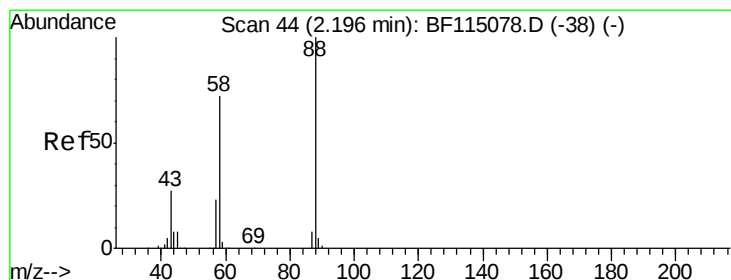
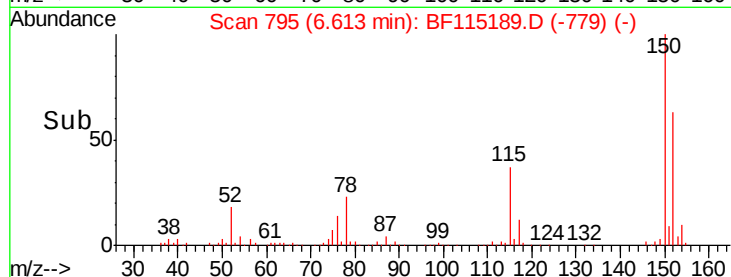
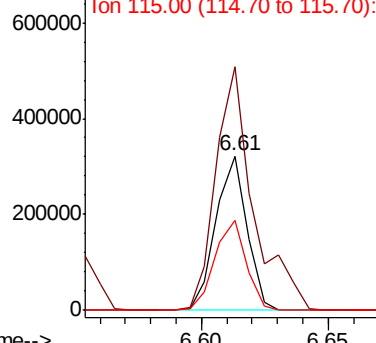


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

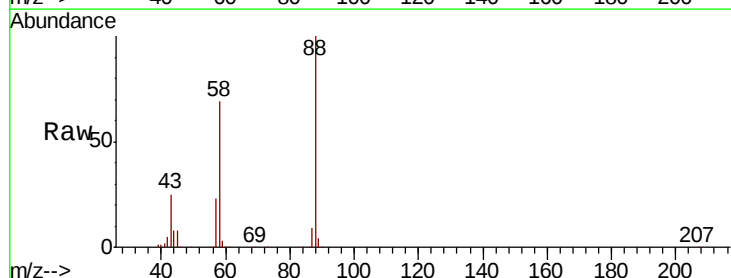
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.631 ng
RT: 2.30 min Scan# 61
Delta R.T. 0.10 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.1	56.1	84.1
43	26.5	21.3	31.9

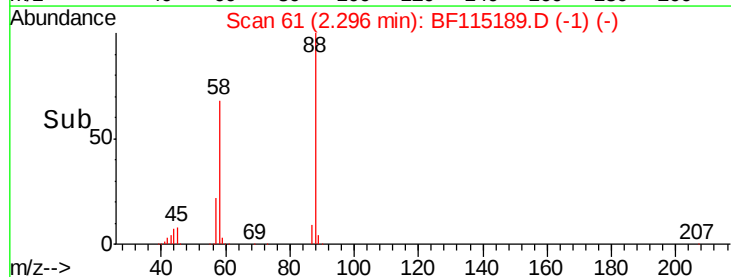
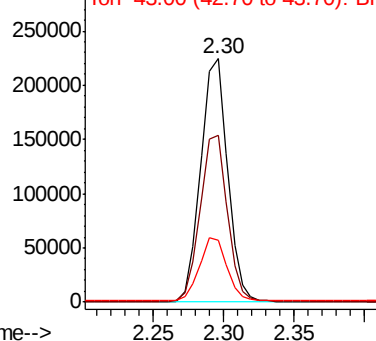


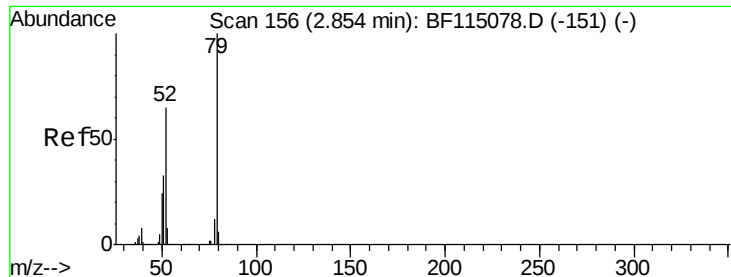
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 34.478 ng

RT: 2.94 min Scan# 171

Delta R.T. 0.09 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

Instrument :

BNA_F

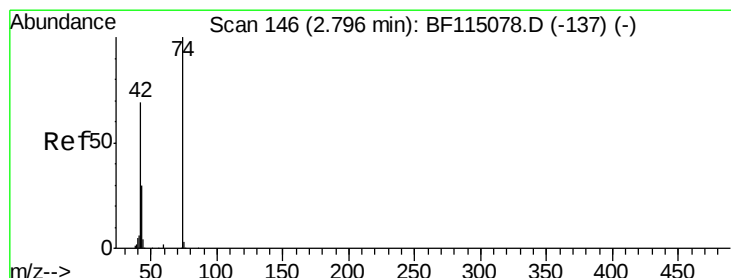
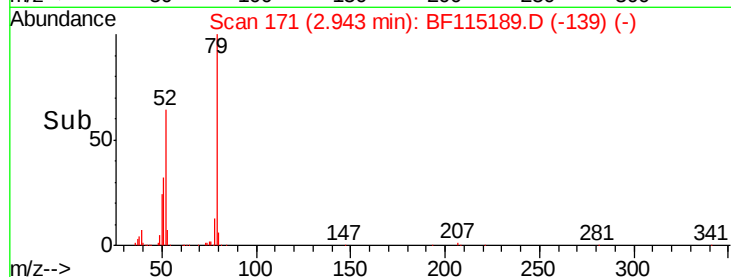
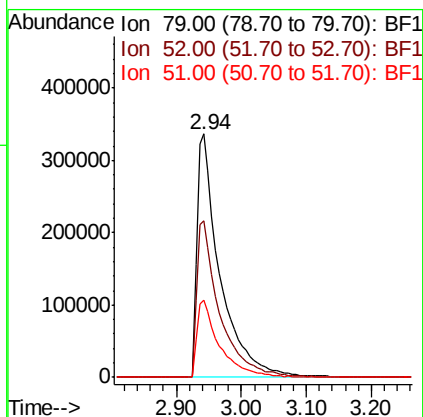
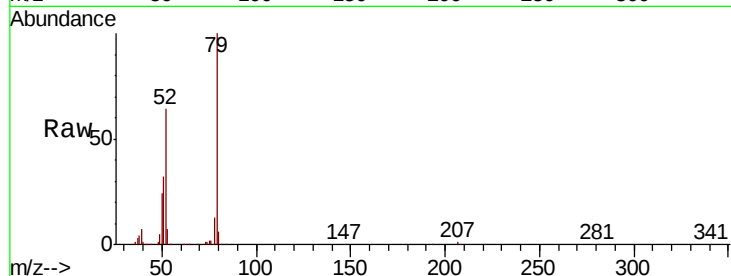
ClientSampleId :

PB120652BS

Tot Ion:	79	Resp:	819082
Ion	Ratio	Lower	Upper
79	100		
52	64.3	52.3	78.5
51	31.5	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 36.767 ng

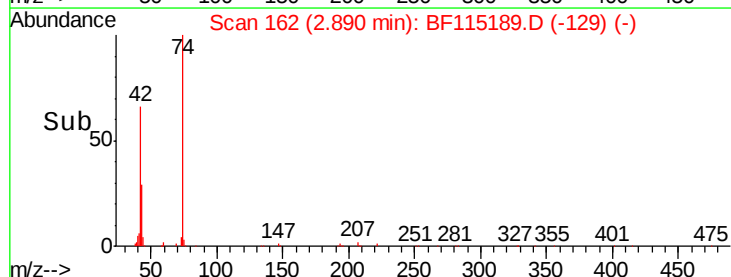
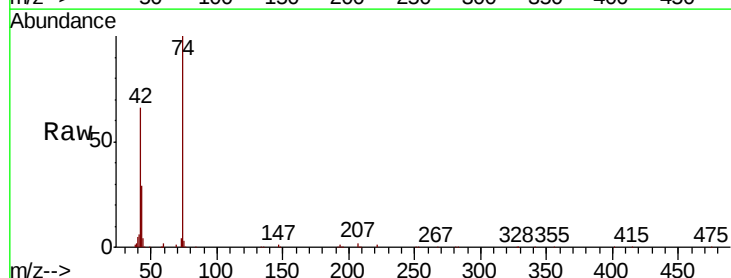
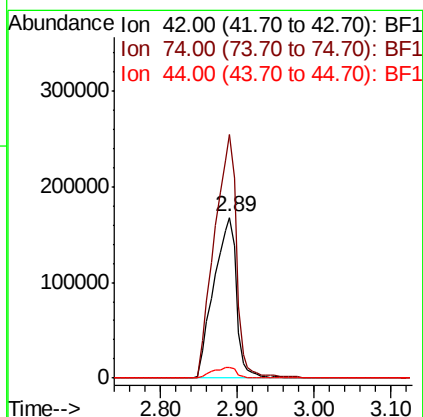
RT: 2.89 min Scan# 162

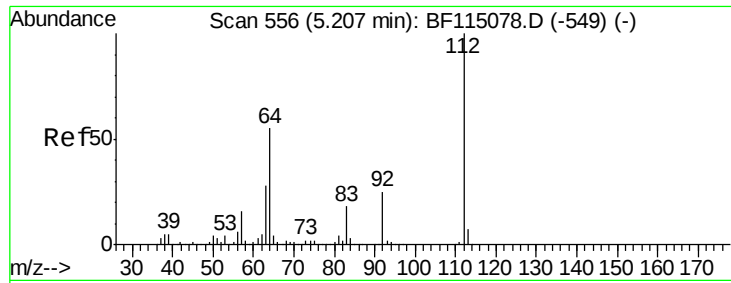
Delta R.T. 0.09 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

Tgt Ion:	42	Resp:	342423
Ion	Ratio	Lower	Upper
42	100		
74	151.6	116.6	175.0
44	6.7	5.3	7.9





#5

2-Fluorophenol

Concen: 109.864 ng

RT: 5.22 min Scan# 559

Delta R.T. 0.02 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

Instrument :

BNA_F

ClientSampleId :

PB120652BS

Tot Ion: 112 Resp: 1962138

Ion Ratio Lower Upper

112 100

64 55.1 43.8 65.6

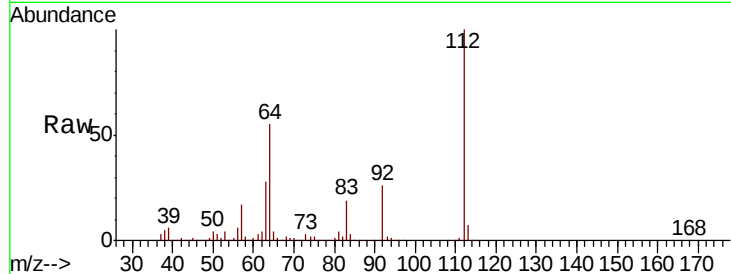
63 28.1 22.2 33.4

Manual Integrations

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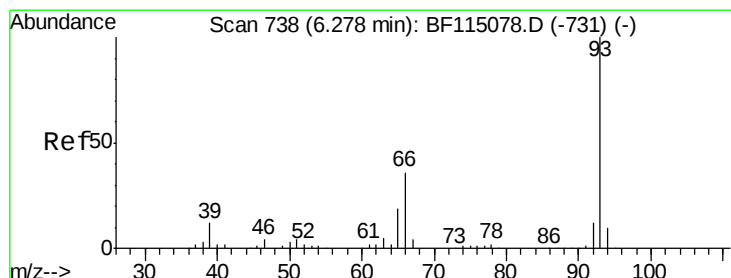
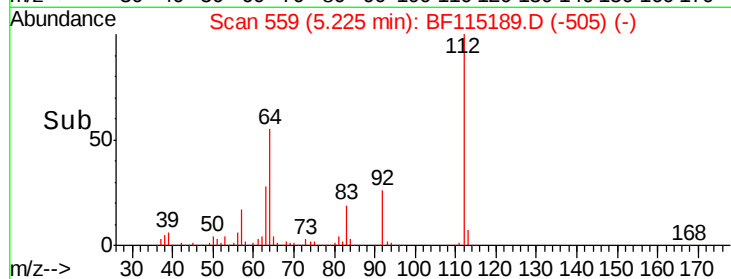
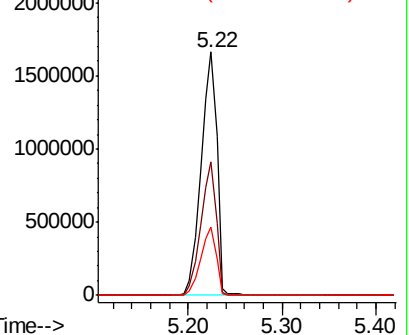
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.827 ng

RT: 6.27 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

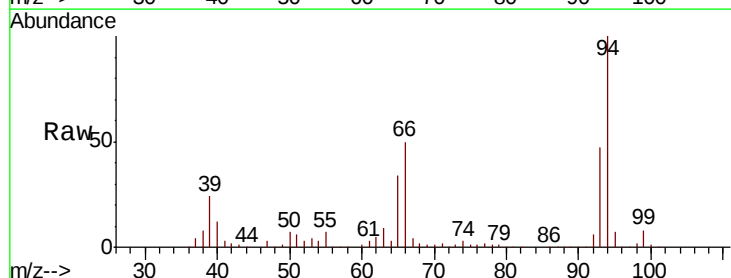
Tgt Ion: 93 Resp: 739665

Ion Ratio Lower Upper

93 100

66 106.5 30.0 45.0#

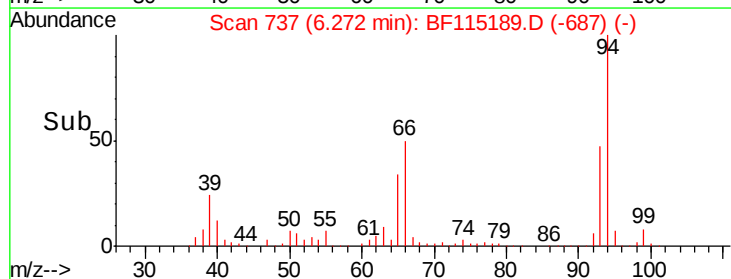
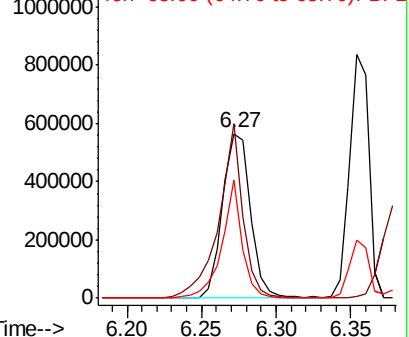
65 71.8 15.6 23.4#

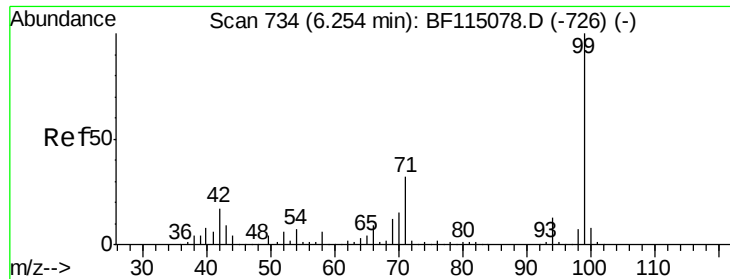


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 111.789 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

Instrument :

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ClientSampleId :

PB120652BS

Tot Ion: 99 Resp: 2423286

Ion Ratio Lower Upper

99 100

42 17.1 13.6 20.4

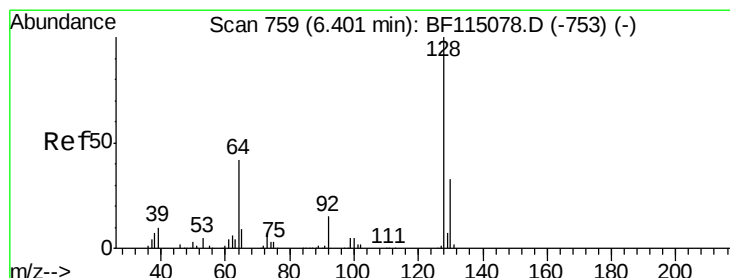
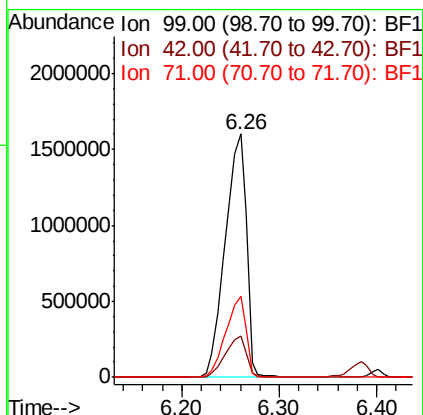
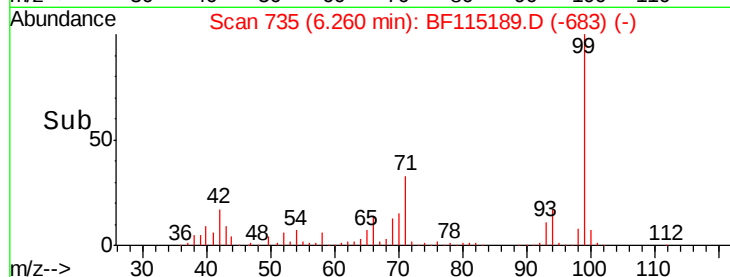
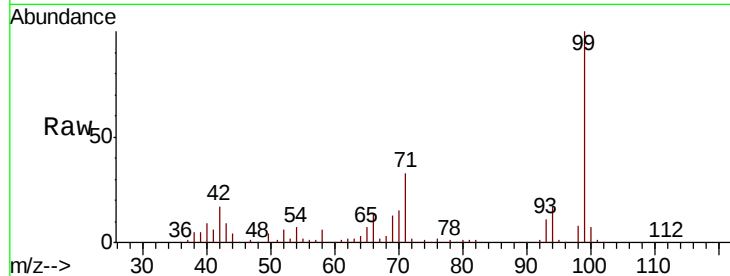
71 33.2 25.5 38.3

Manual Integrations

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#8

2-Chlorophenol

Concen: 41.225 ng

RT: 6.40 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

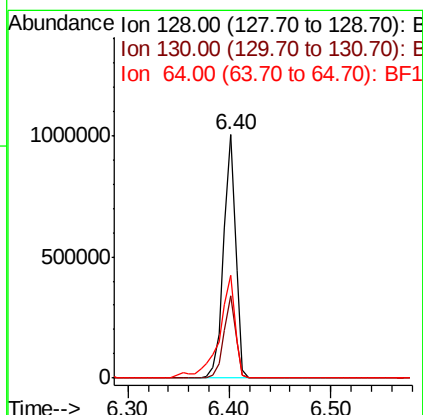
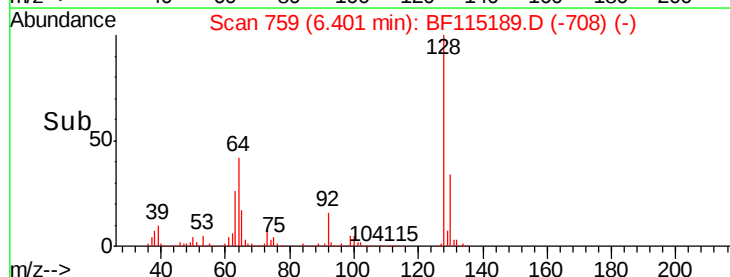
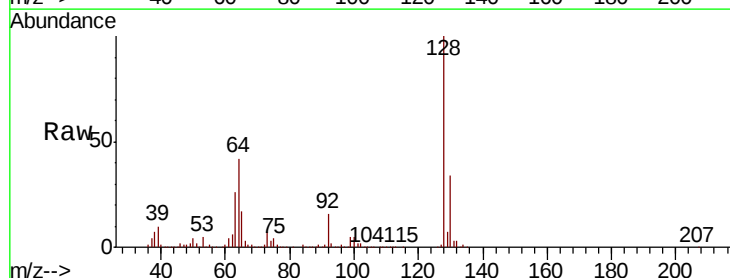
Tgt Ion: 128 Resp: 827899

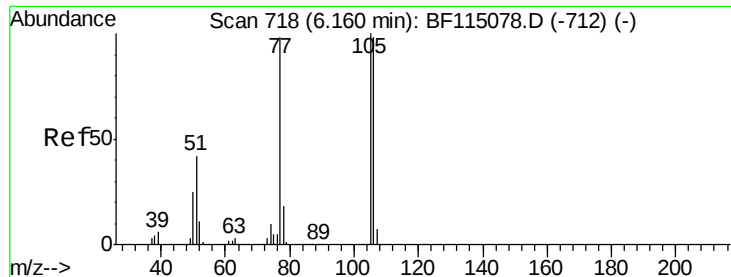
Ion Ratio Lower Upper

128 100

130 33.6 12.9 52.9

64 42.0 22.9 62.9





#9

Benzaldehyde

Concen: 8.107 ng

RT: 6.15 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

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BNA_F

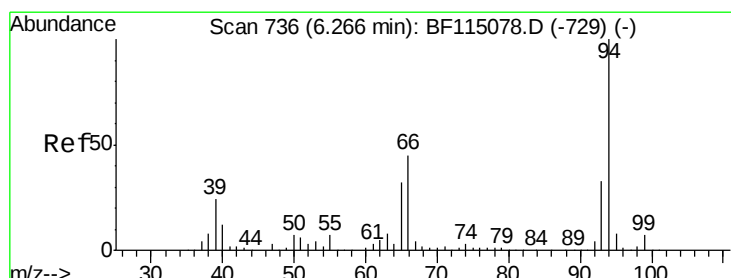
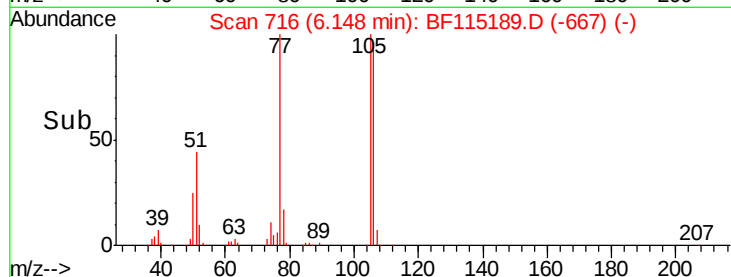
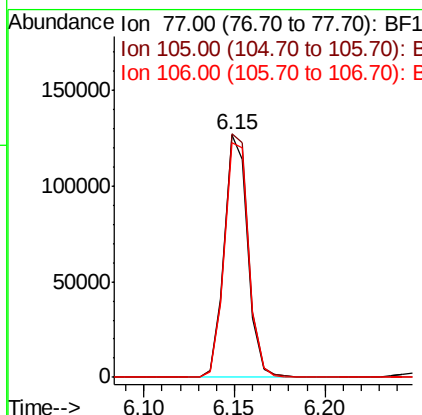
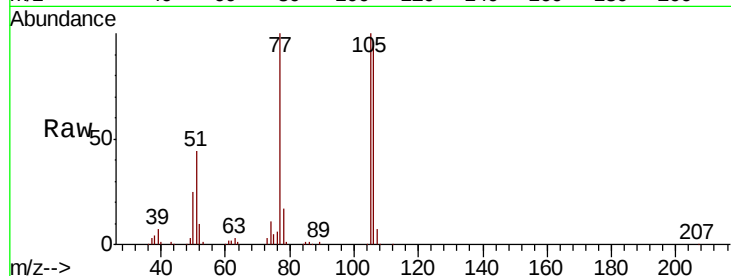
ClientSampleId :

PB120652BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.3	81.5	121.5
106	96.6	79.7	119.7

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#10

Phenol

Concen: 37.346 ng

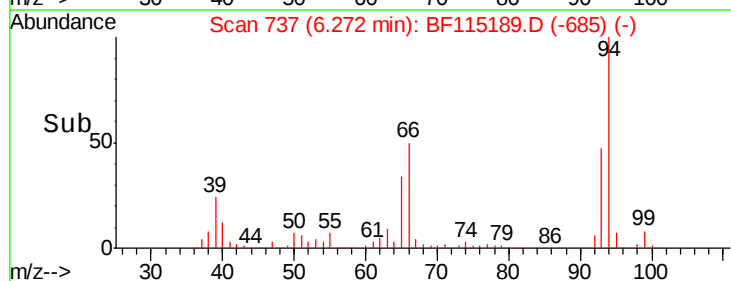
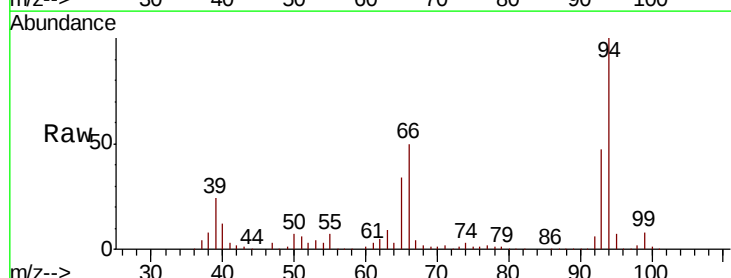
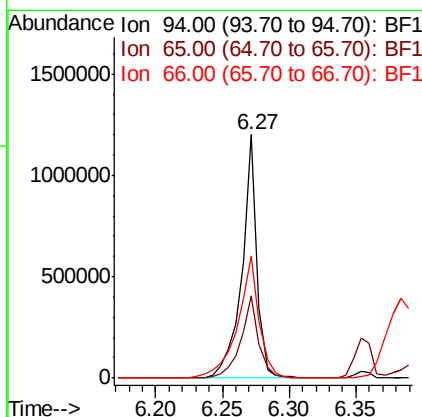
RT: 6.27 min Scan# 737

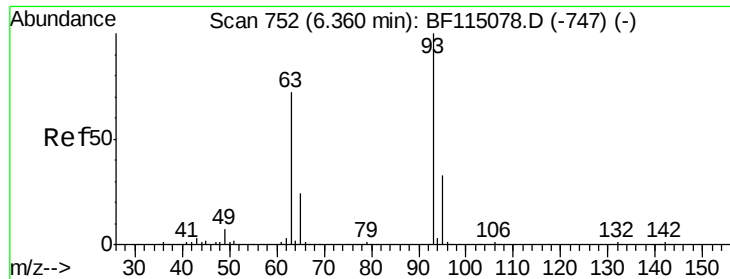
Delta R.T. 0.01 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.8	11.9	51.9
66	50.1	25.2	65.2





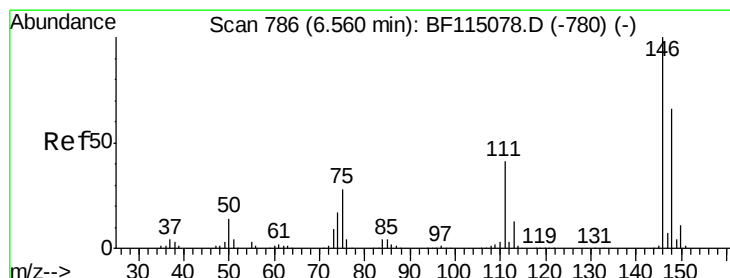
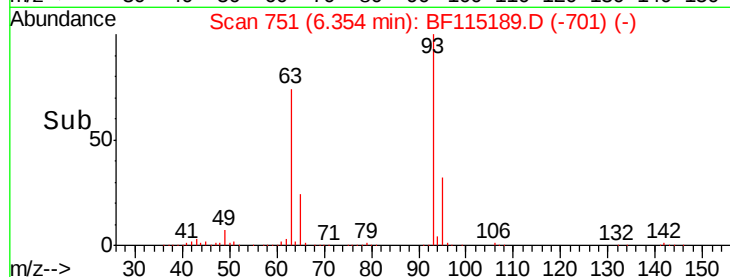
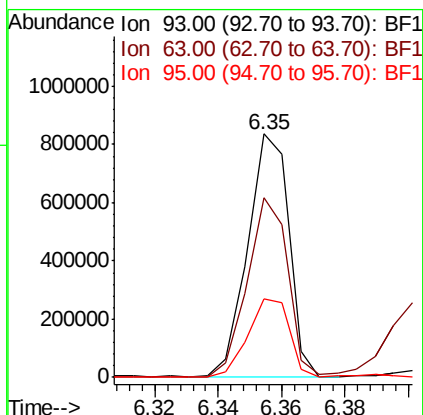
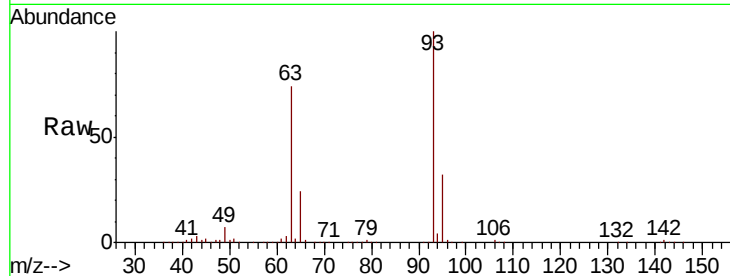
#11
bis(2-Chloroethyl)ether
Concen: 40.130 ng
RT: 6.35 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB120652BS

Tot Ion	93	Resp	751135
Ion Ratio	Lower	Upper	
93	100		
63	73.6	51.5	91.5
95	32.4	13.4	53.4

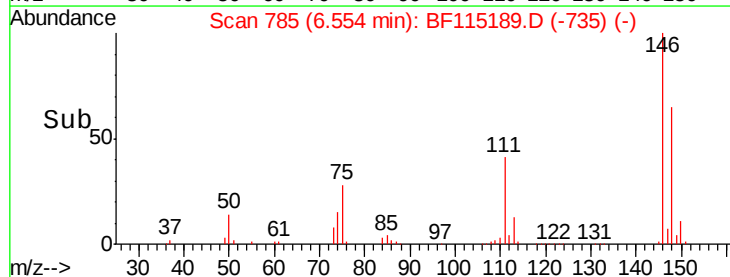
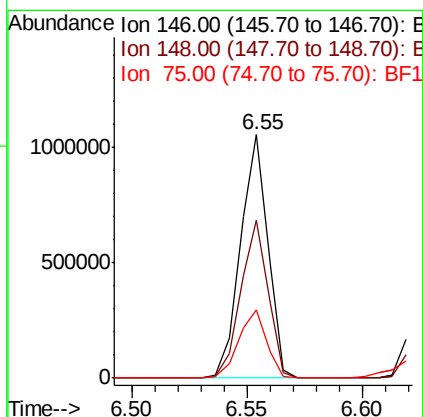
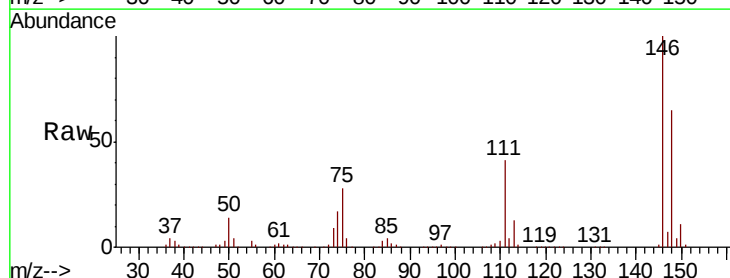
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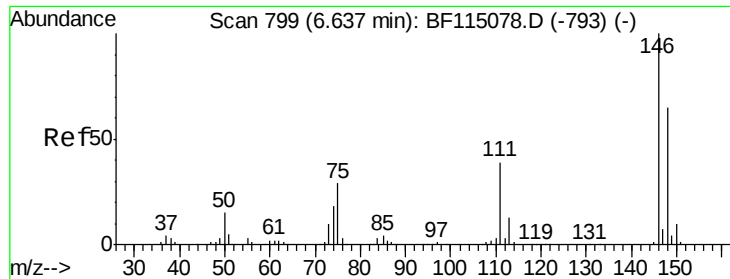
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#12
1,3-Dichlorobenzene
Concen: 39.136 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Tgt Ion	146	Resp	872245
Ion Ratio	Lower	Upper	
146	100		
148	64.9	52.6	78.8
75	28.2	22.6	34.0





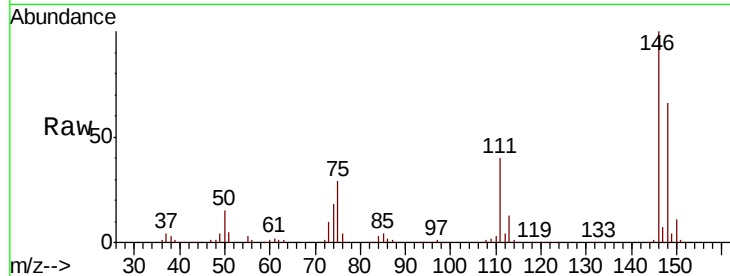
#13
 1,4-Dichlorobenzene
 Concen: 39.464 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115189.D
 Acq: 25 Jun 2019 16:01

Instrument :
 BNA_F
 ClientSampled :
 PB120652BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.9	77.9
111	39.8	31.4	47.0

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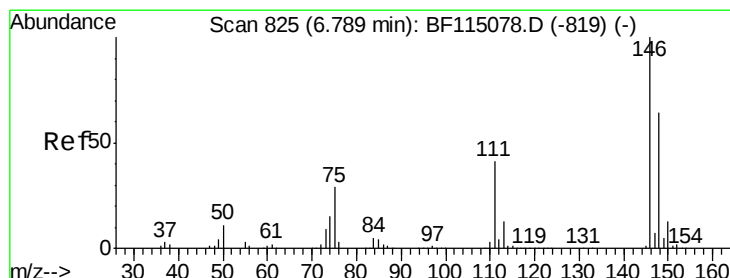
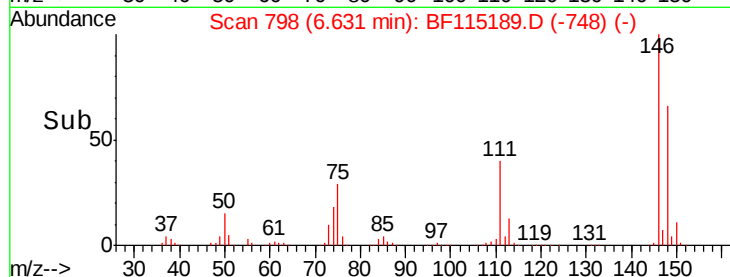
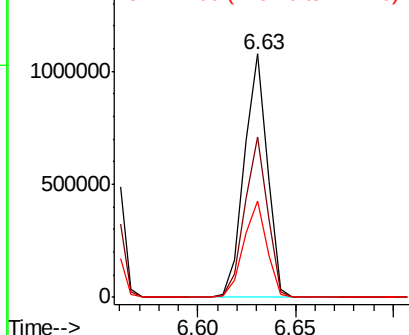


Abundance

Ion 146.00 (145.70 to 146.70): E

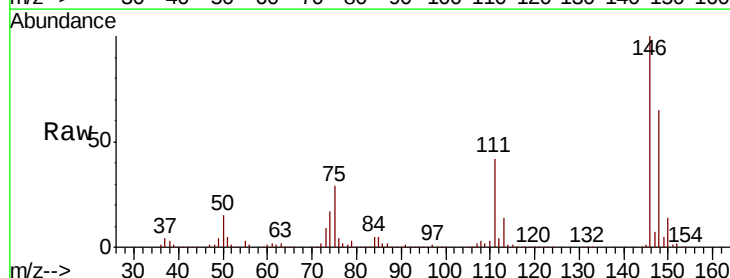
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.705 ng
 RT: 6.78 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF115189.D
 Acq: 25 Jun 2019 16:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.1	76.7
111	42.1	33.2	49.8

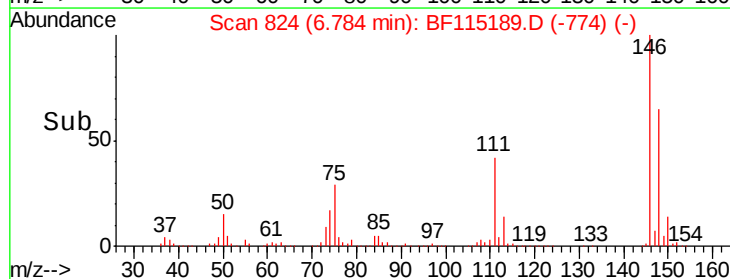
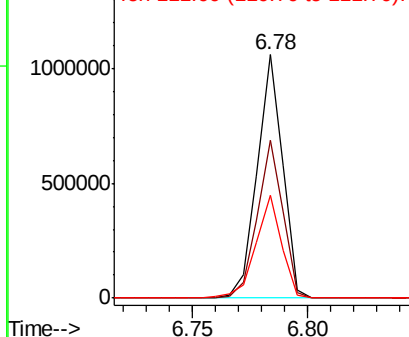


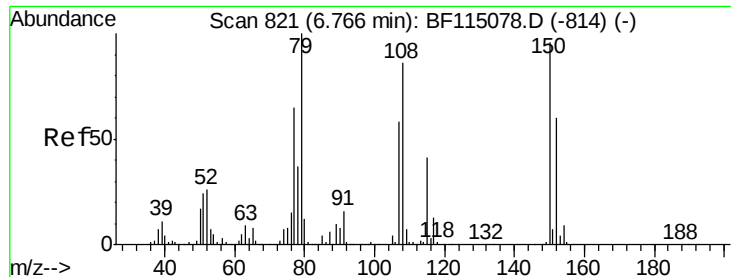
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 29.943 ng

RT: 6.76 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

Instrument :

BNA_F

ClientSampleID :

PB120652BS

Tot Ion: 79 Resp: 472638

Ion Ratio Lower Upper

79 100

108 83.6 68.7 103.1

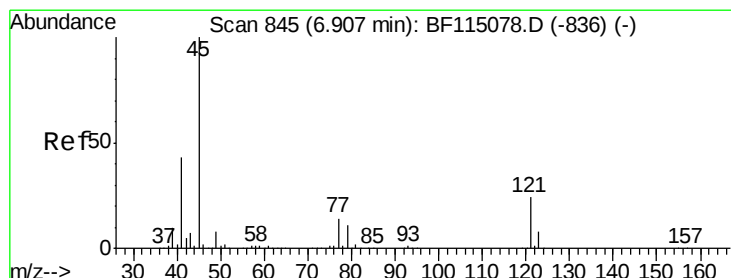
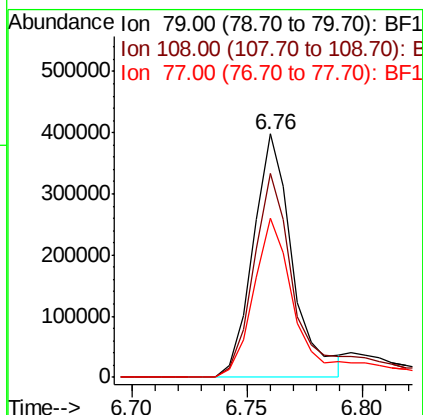
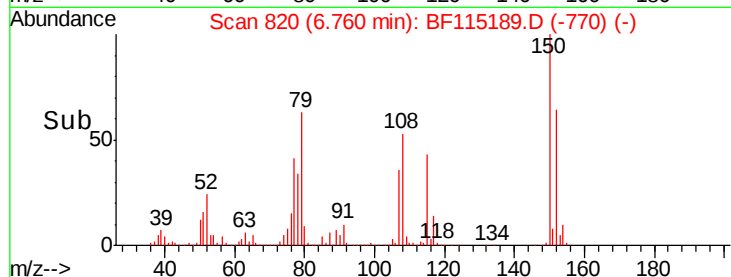
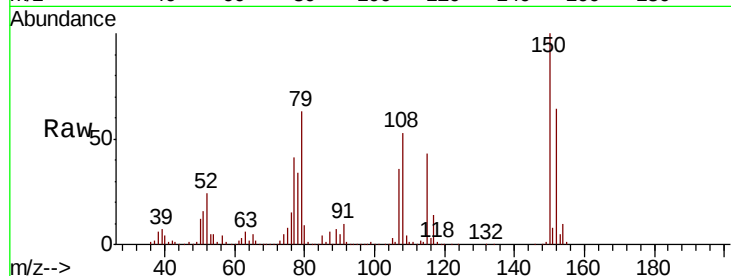
77 65.4 51.7 77.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.078 ng

RT: 6.90 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

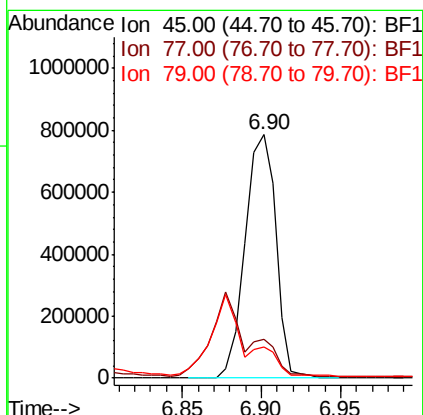
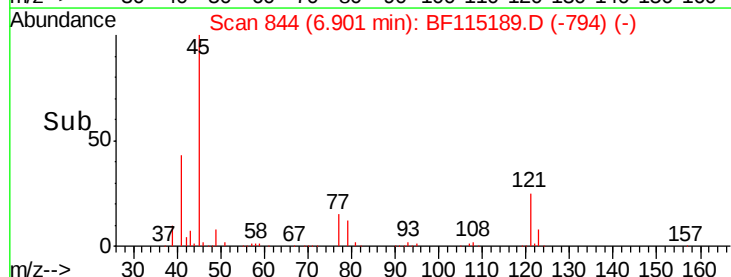
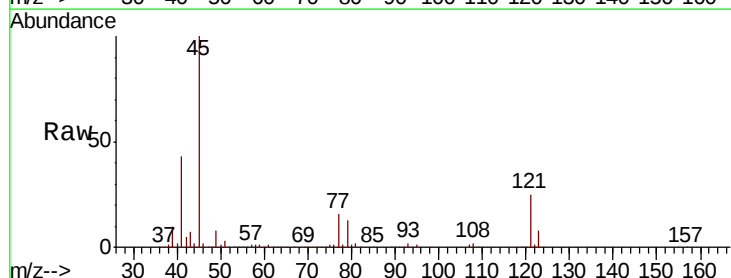
Tgt Ion: 45 Resp: 1060879

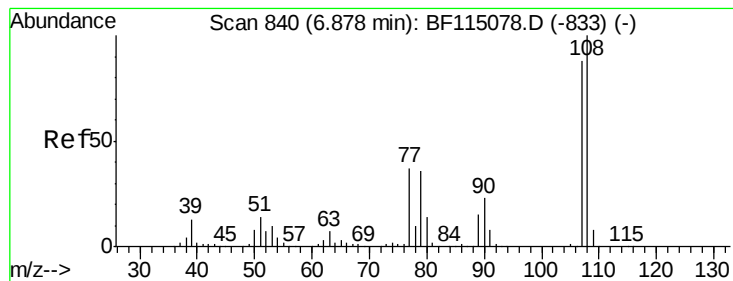
Ion Ratio Lower Upper

45 100

77 15.9 0.0 34.6

79 12.9 0.0 31.2





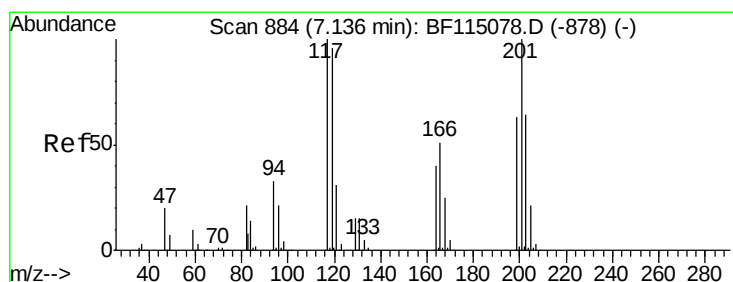
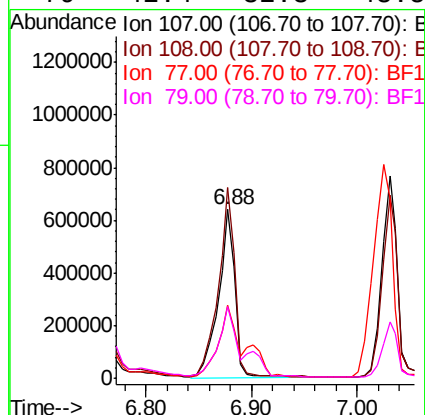
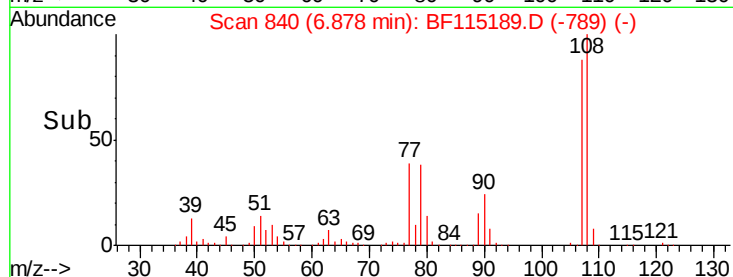
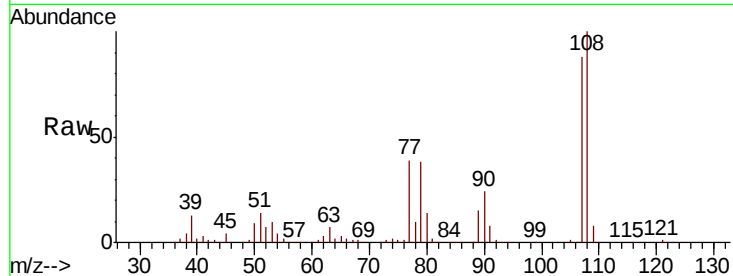
#17
2-Methylphenol
Concen: 43.438 ng
RT: 6.88 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB120652BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	720051		
108	113.2	90.9	136.3	
77	43.6	33.4	50.2	
79	42.4	32.3	48.5	

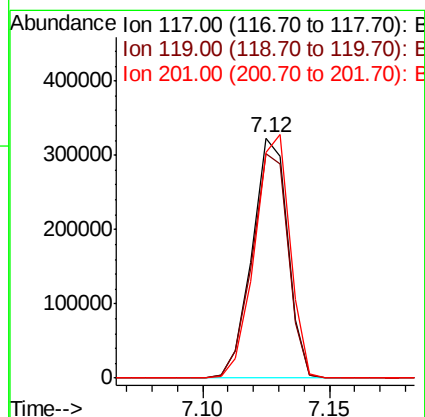
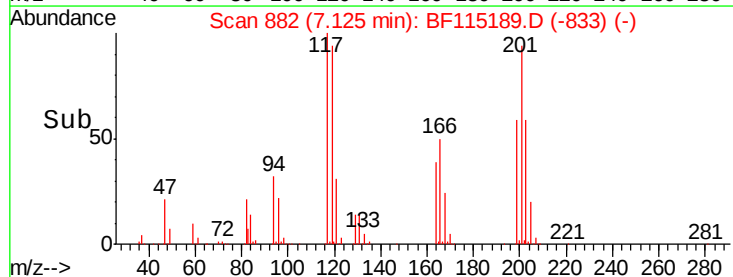
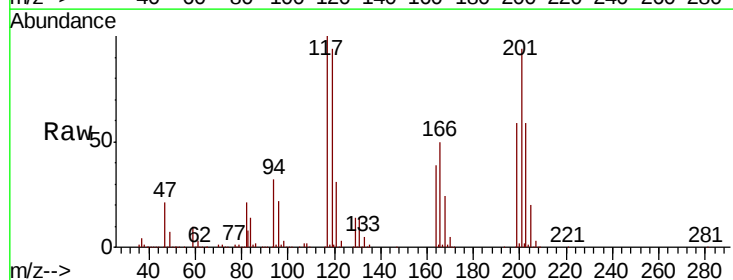
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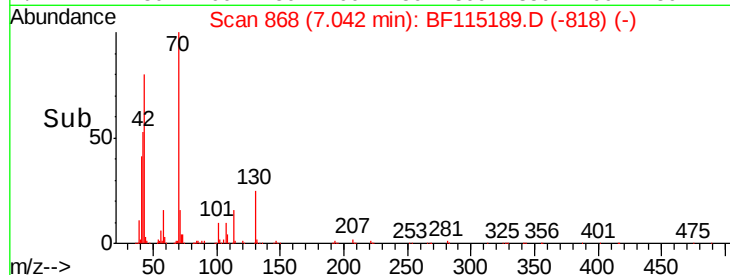
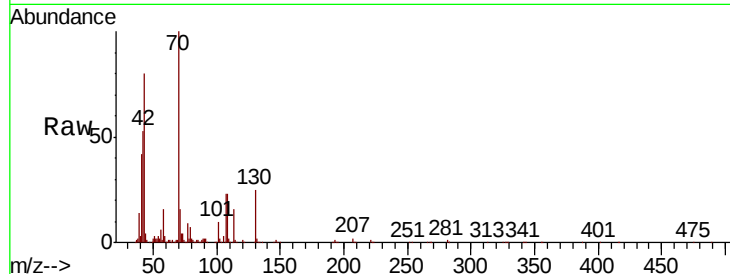
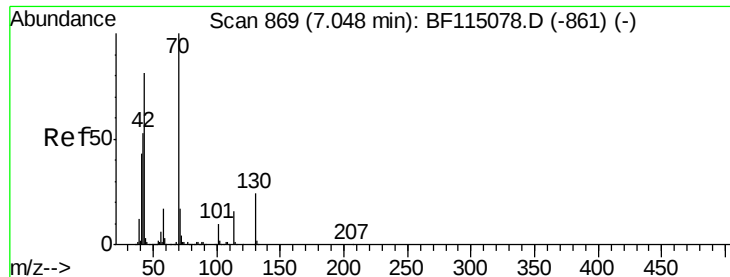
mohammad
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#18
Hexachloroethane
Concen: 39.339 ng
RT: 7.12 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	316966		
119	93.7	76.6	114.8	
201	94.0	80.2	120.2	





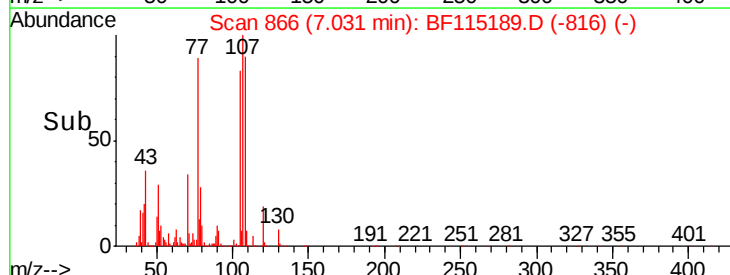
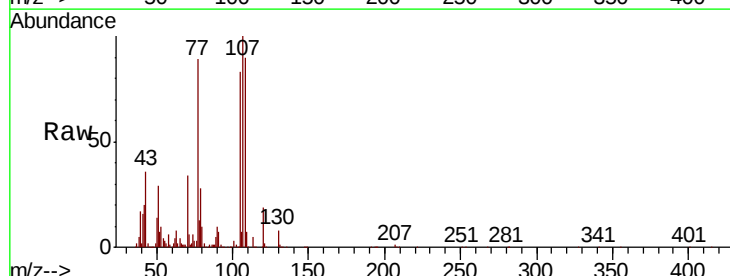
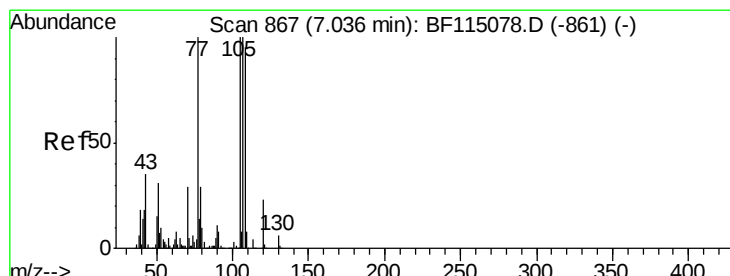
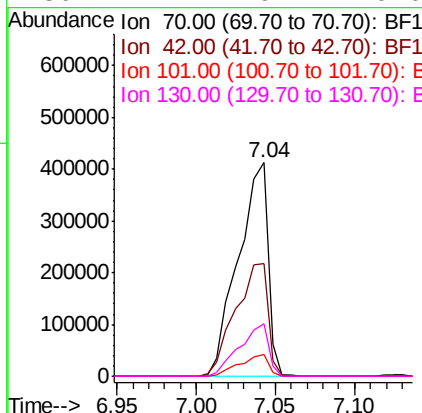
#19
n-Nitroso-di-n-propylamine
Concen: 38.610 ng
RT: 7.04 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB120652BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.8	42.6	63.8	
101	10.4	8.0	12.0	
130	24.7	19.4	29.0	

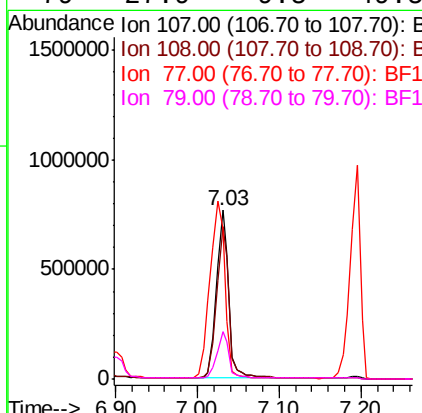
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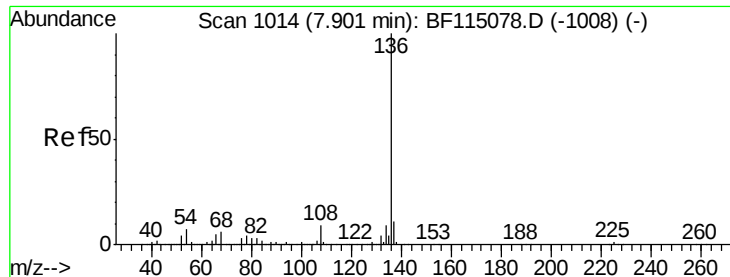
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#20
3+4-Methylphenols
Concen: 42.627 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.4	75.5	115.5	
77	88.6	80.2	120.2	
79	27.9	9.5	49.5	





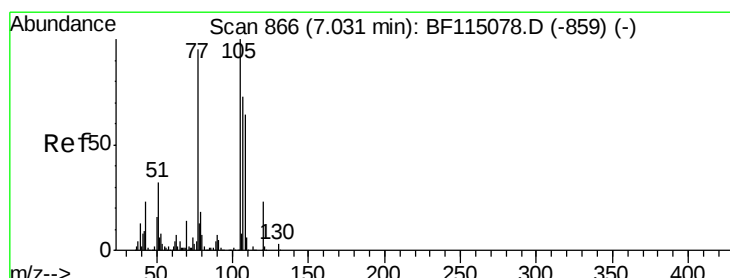
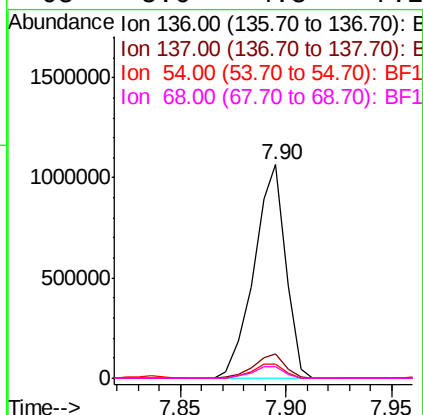
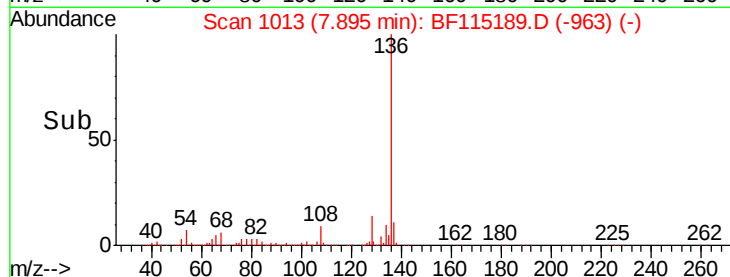
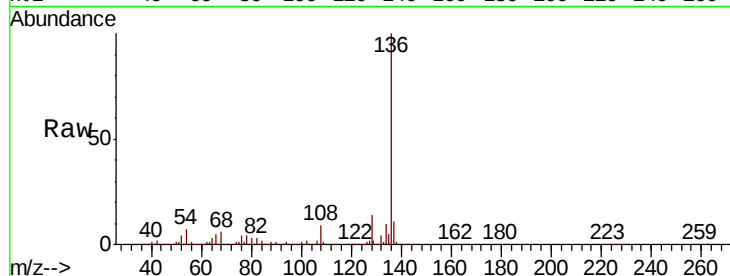
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB120652BS

Tot Ion	136	Resp	1109988
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.8	5.6	8.4
68	5.6	4.8	7.2

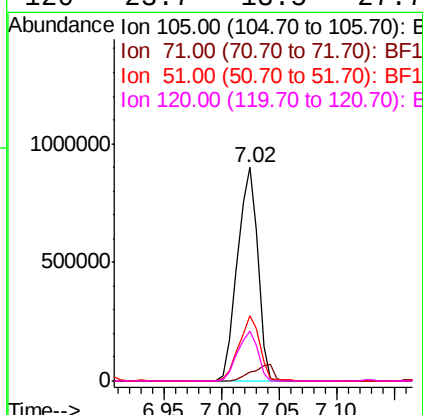
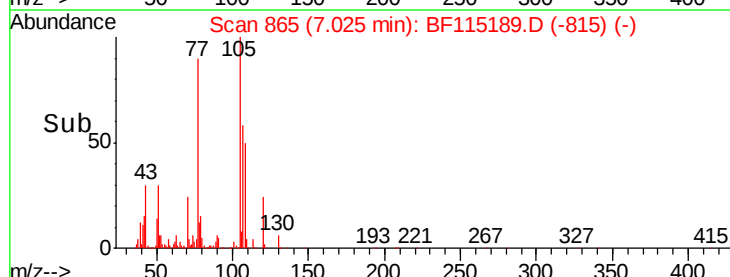
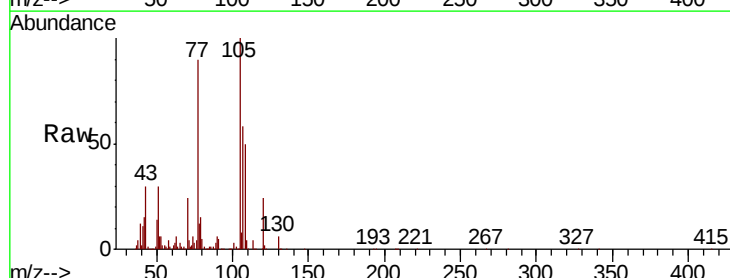
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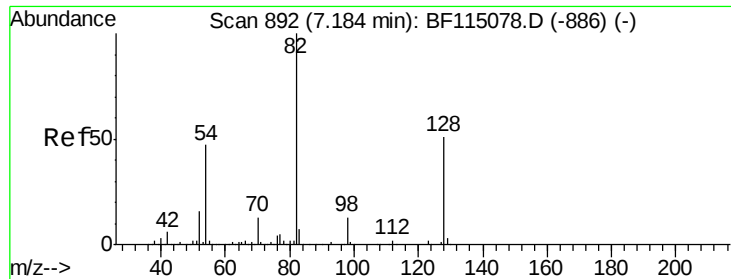
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#22
Acetophenone
Concen: 43.160 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Tgt Ion	105	Resp	1096742
Ion	Ratio	Lower	Upper
105	100		
71	4.0	1.9	2.9#
51	30.4	25.8	38.8
120	23.7	18.5	27.7





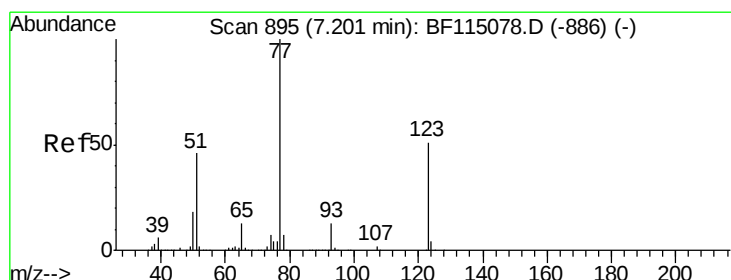
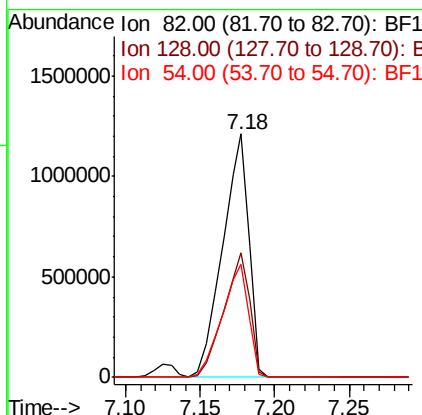
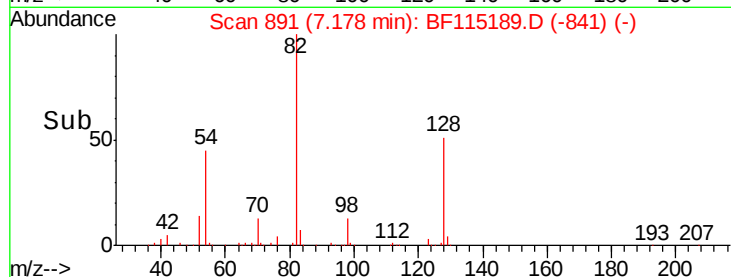
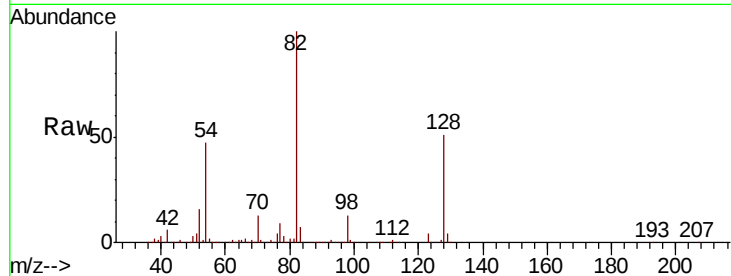
#23
Nitrobenzene-d5
Concen: 82.955 ng
RT: 7.18 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB120652BS

Tot Ion: 82 Resp: 1496843
Ion Ratio Lower Upper
82 100
128 51.4 40.4 60.6
54 46.6 37.5 56.3

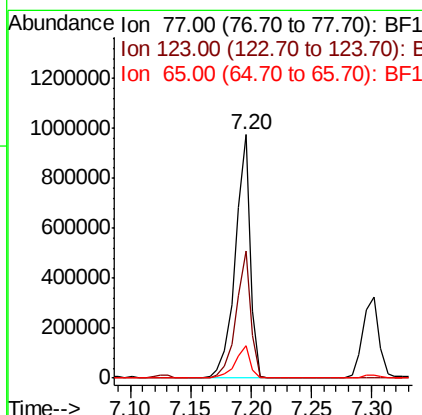
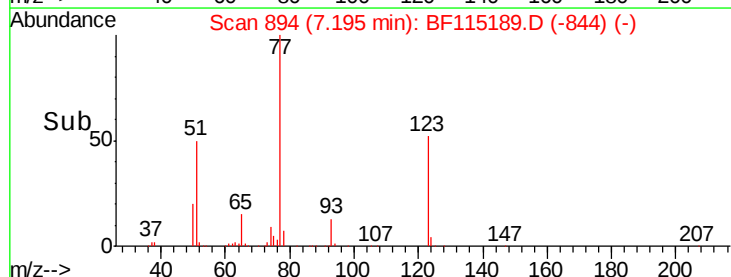
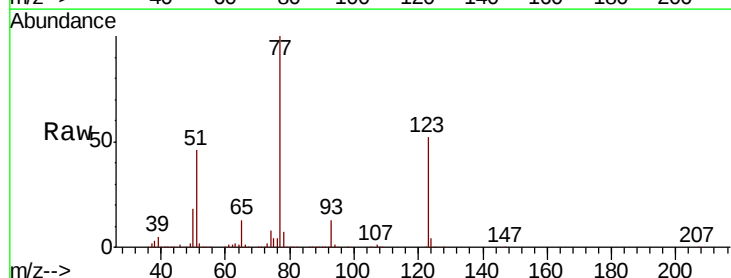
Manual Integrations
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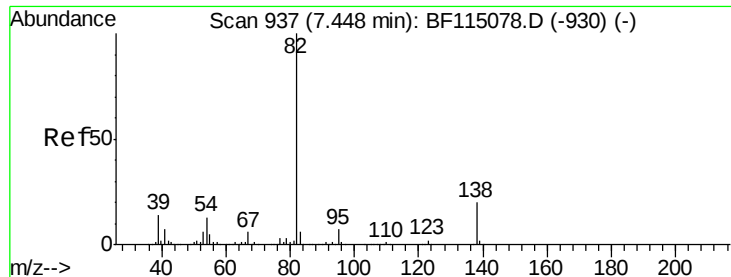
mohammad
6/26/2019 2:03:25 PM



#24
Nitrobenzene
Concen: 42.239 ng
RT: 7.20 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Tgt Ion: 77 Resp: 839657
Ion Ratio Lower Upper
77 100
123 52.4 41.0 61.6
65 13.1 10.5 15.7





#25

Isophorone

Concen: 41.877 ng

RT: 7.44 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

Instrument :

BNA_F

ClientSampleId :

PB120652BS

Tot Ion: 82 Resp: 1547940

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

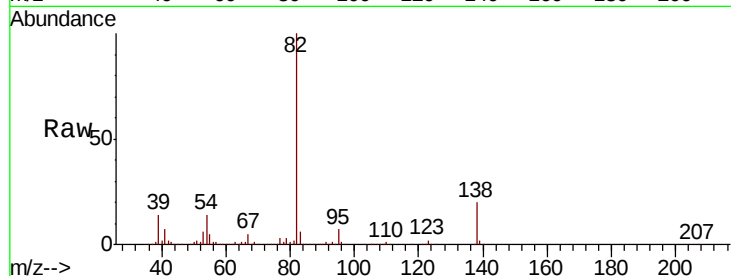
138 20.3 15.9 23.9

Manual Integrations

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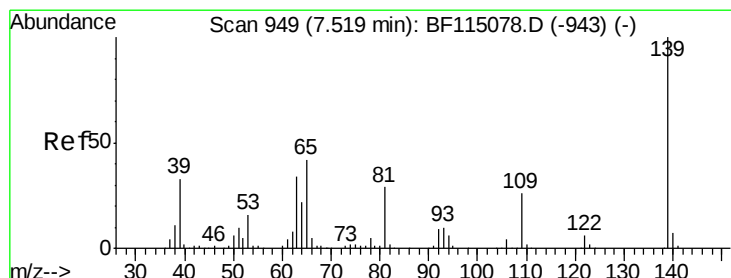
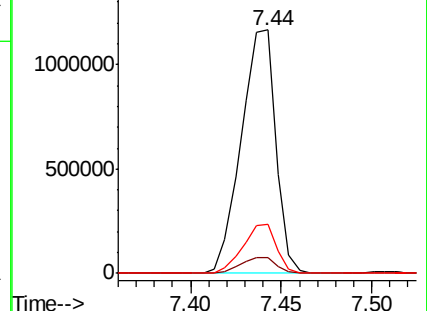
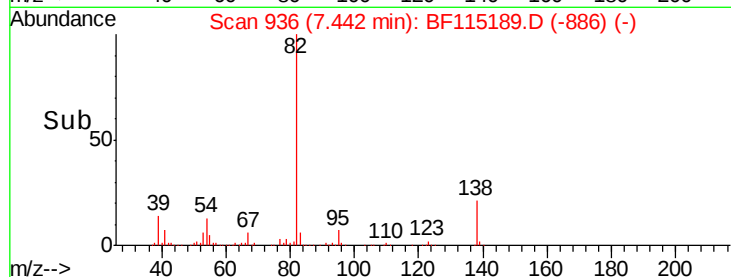
6/26/2019 2:03:25 PM



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 47.995 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

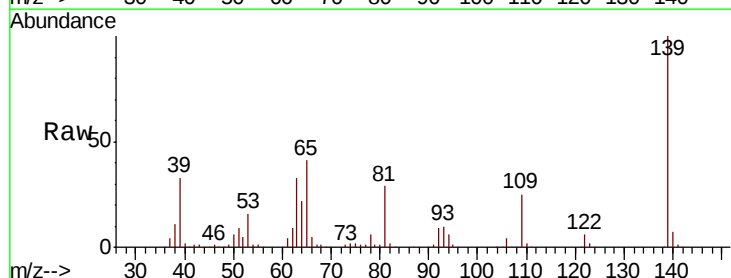
Tgt Ion: 139 Resp: 471171

Ion Ratio Lower Upper

139 100

109 25.4 20.4 30.6

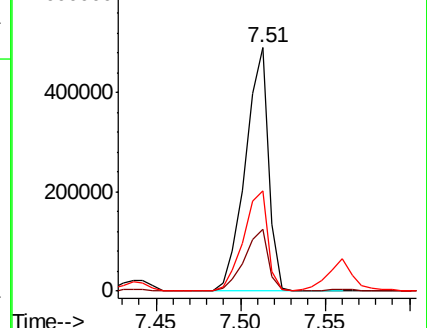
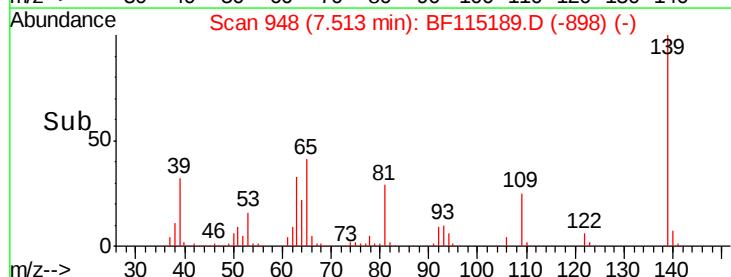
65 41.4 33.6 50.4

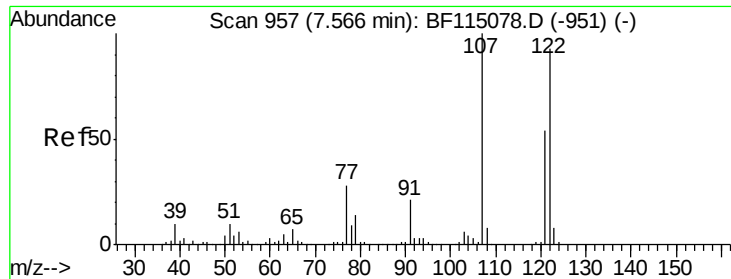


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 50.041 ng

RT: 7.56 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

Instrument :

BNA_F

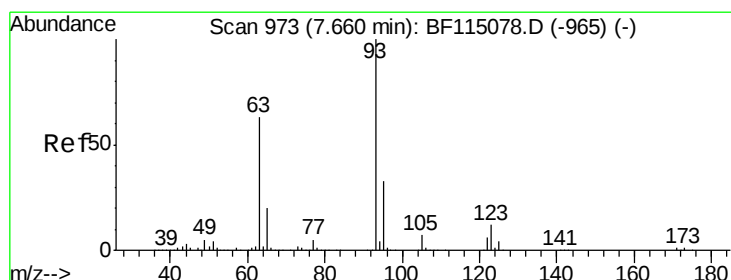
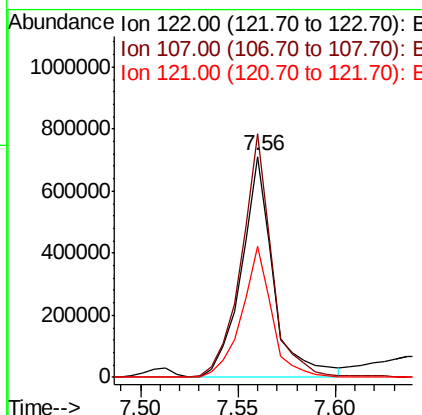
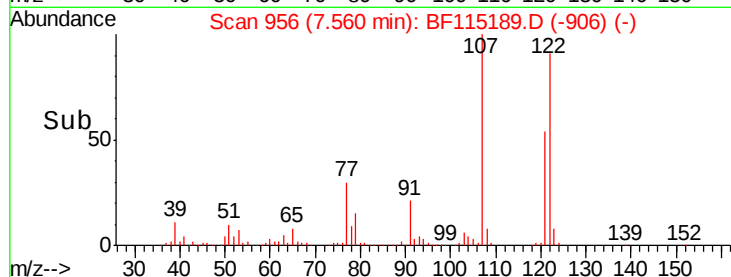
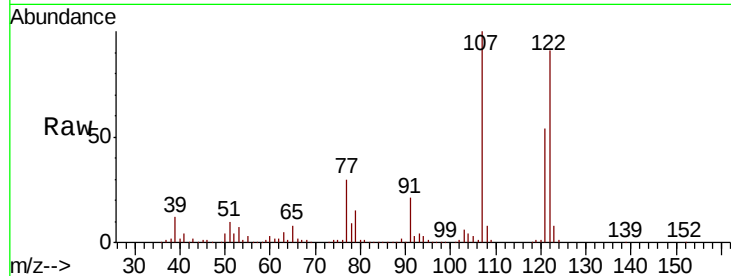
ClientSampleId :

PB120652BS

Tot Ion:	122	Resp:	804329
Ion Ratio	Lower	Upper	
122	100		
107	110.2	85.8	128.6
121	59.0	46.3	69.5

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#28

bis(2-Chloroethoxy)methane

Concen: 41.434 ng

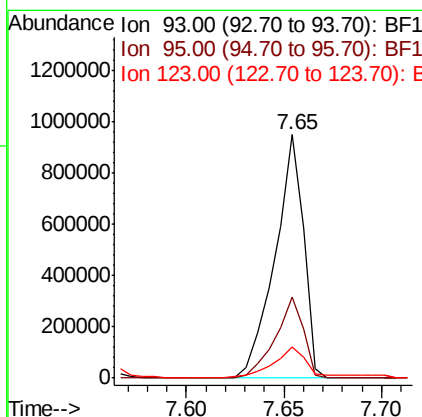
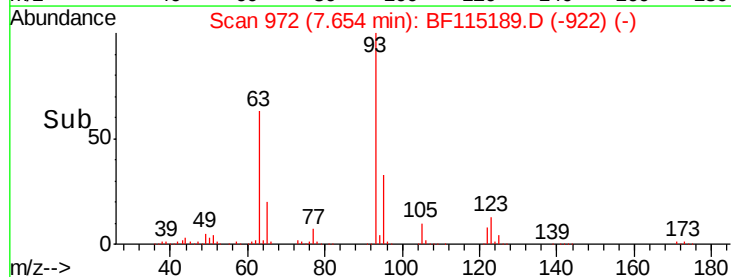
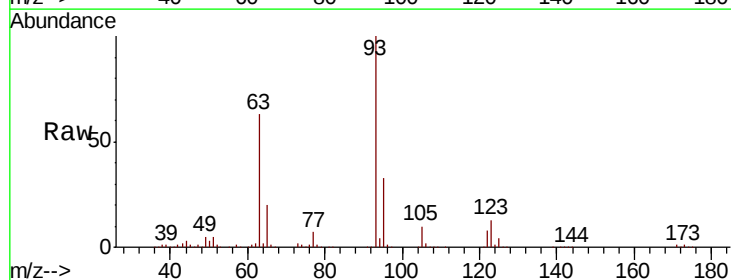
RT: 7.65 min Scan# 972

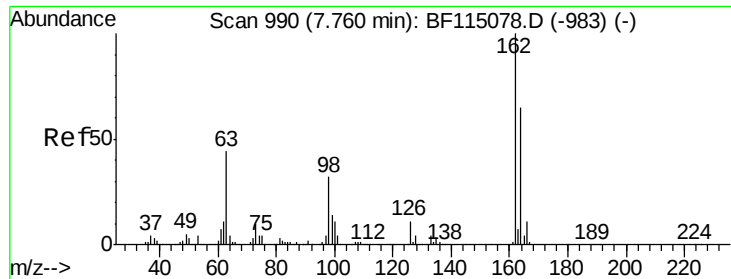
Delta R.T. -0.01 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

Tgt Ion:	93	Resp:	968025
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.2	39.4
123	12.8	9.7	14.5





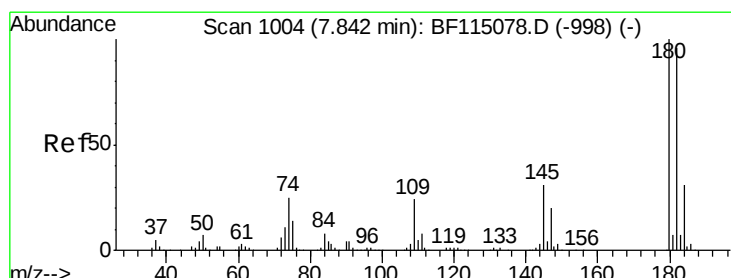
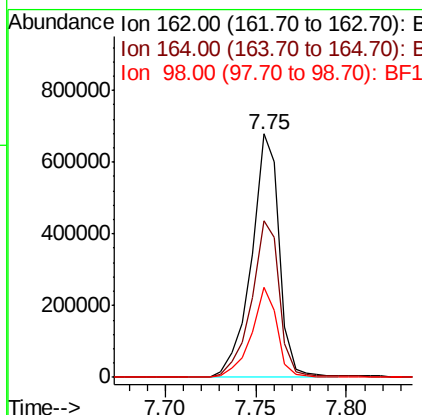
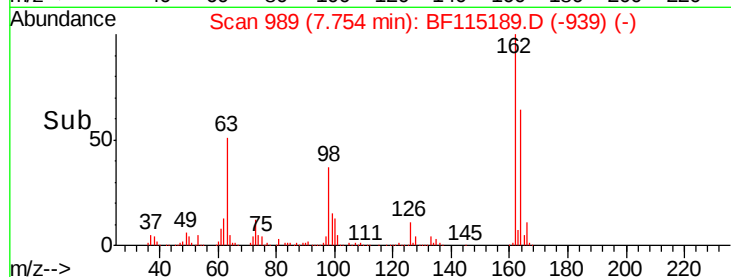
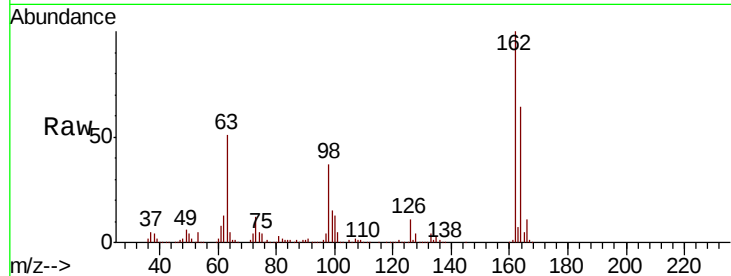
#29
2,4-Dichlorophenol
Concen: 43.676 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB120652BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	724481		
164	64.5	45.3	85.3	
98	36.8	12.5	52.5	

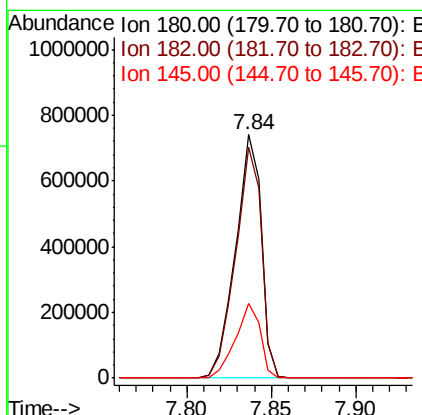
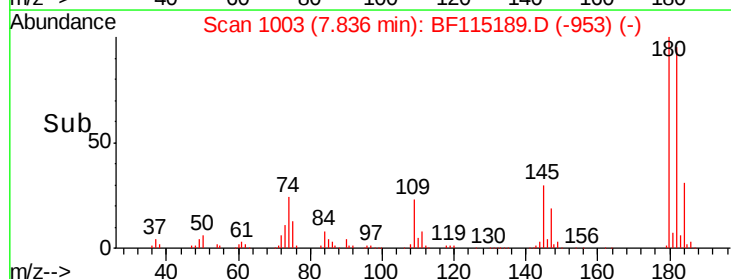
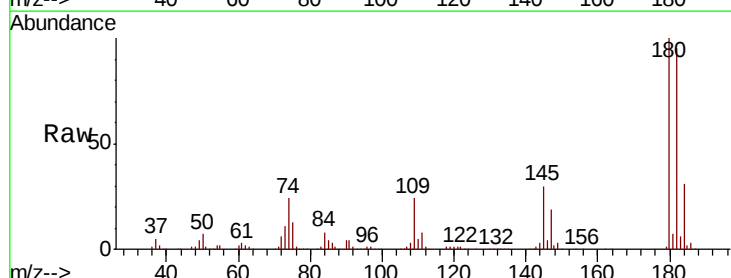
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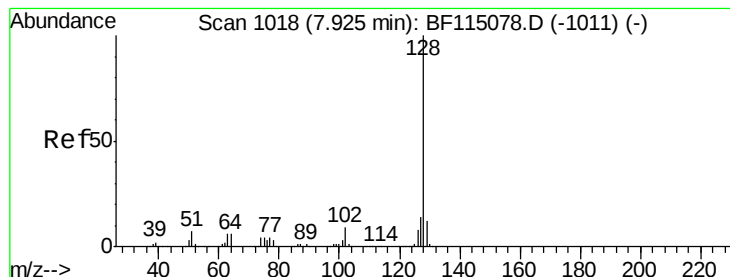
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#30
1,2,4-Trichlorobenzene
Concen: 42.872 ng
RT: 7.84 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	785510		
182	94.6	76.4	114.6	
145	30.4	24.8	37.2	





#31

Naphthalene

Concen: 42.859 ng

RT: 7.91 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

Instrument :

BNA_F

ClientSampleId :

PB120652BS

Tot Ion:128 Resp: 2335239

Ion Ratio Lower Upper

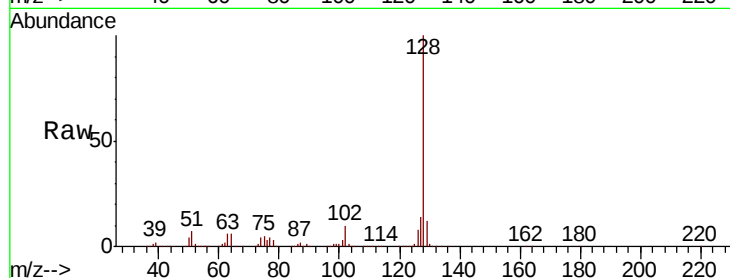
128 100

129 12.4 9.6 14.4

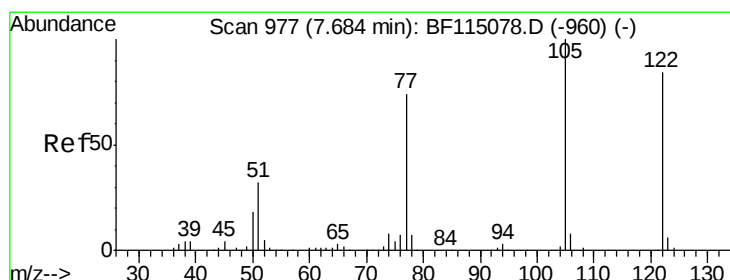
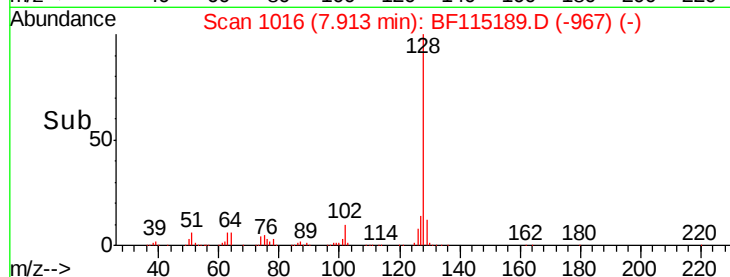
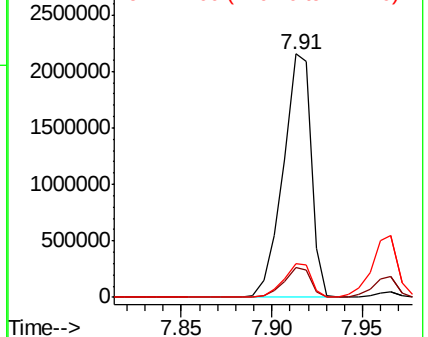
127 14.1 11.4 17.0

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 51.665 ng

RT: 7.70 min Scan# 980

Delta R.T. 0.02 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

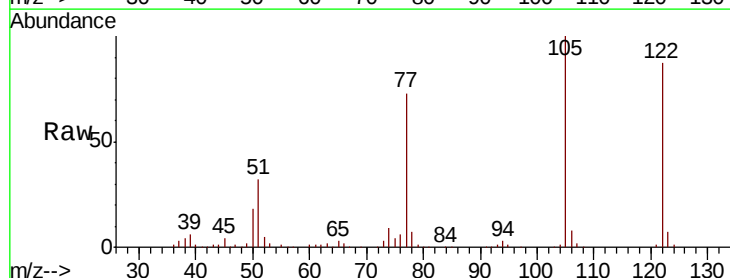
Tgt Ion:122 Resp: 592769

Ion Ratio Lower Upper

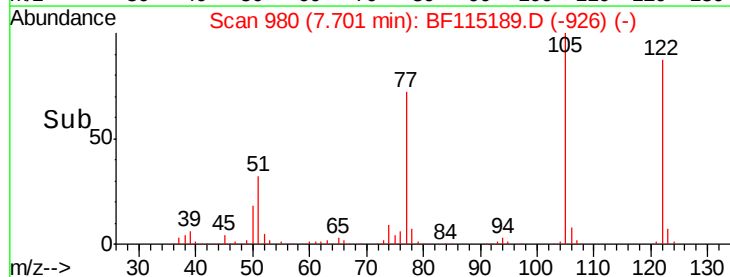
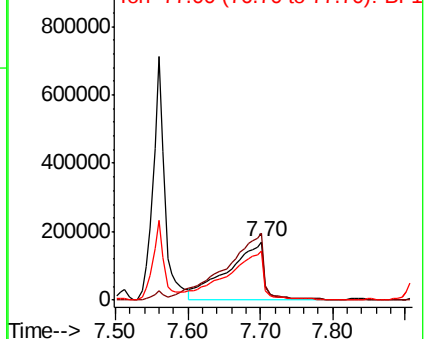
122 100

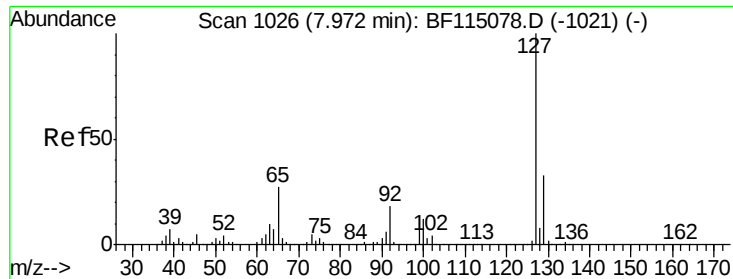
105 114.6 98.2 138.2

77 83.8 67.0 107.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





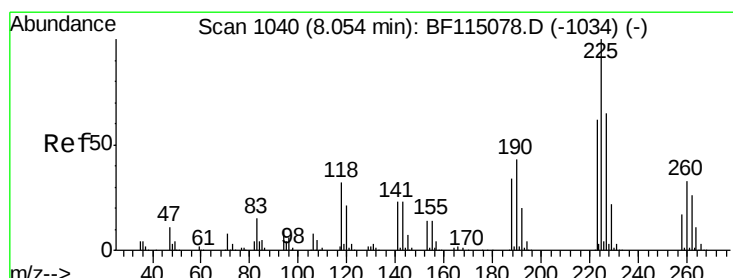
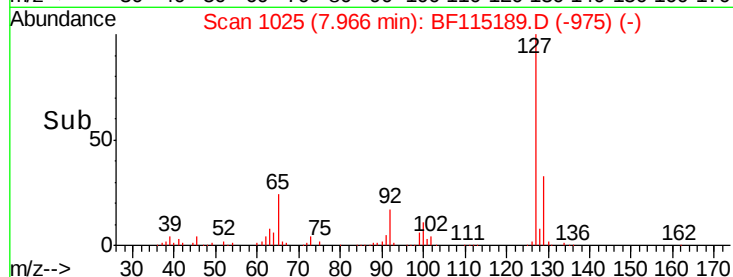
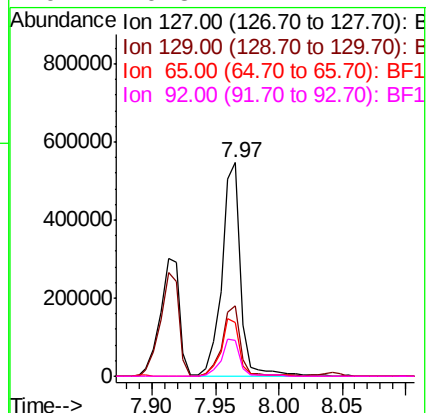
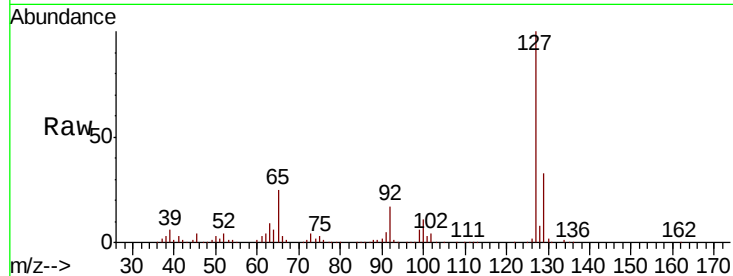
#33
4-Chloroaniline
Concen: 22.669 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB120652BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.2	26.1	39.1		
65	25.1	21.4	32.2		
92	16.8	14.1	21.1		

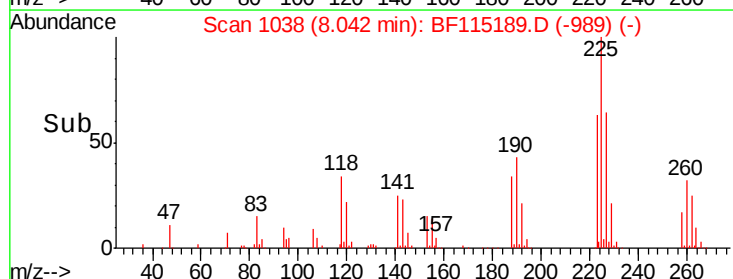
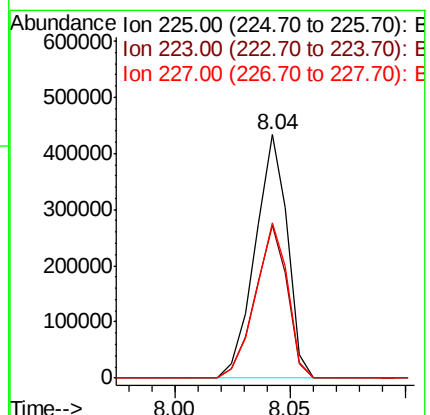
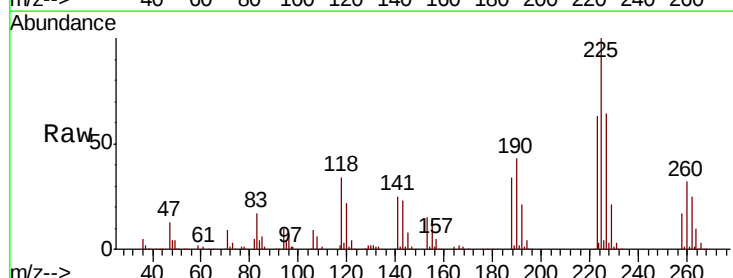
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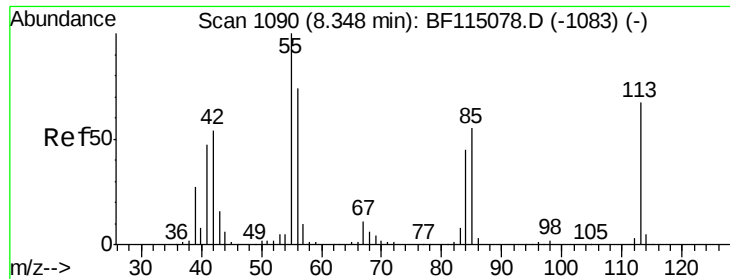
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#34
Hexachlorobutadiene
Concen: 42.078 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.6	49.4	74.2		
227	63.6	51.8	77.8		





#35

Caprolactam

Concen: 43.632 ng/mL

RT: 8.34 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

Instrument :

BNA_F

ClientSampleID :

PB120652BS

Tot Ion: 113 Resp: 243329

Ion Ratio Lower Upper

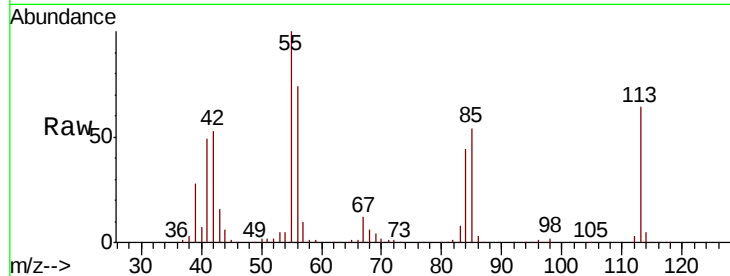
113 100

55 155.9 130.2 170.2

56 115.6 91.6 131.6

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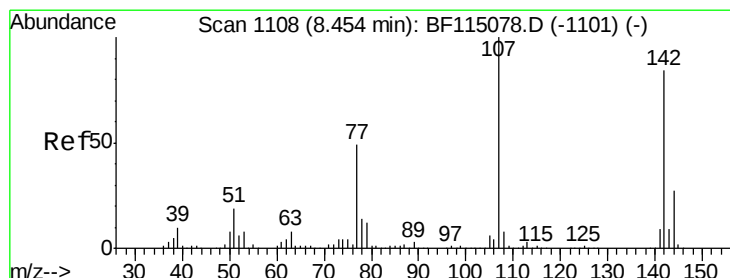
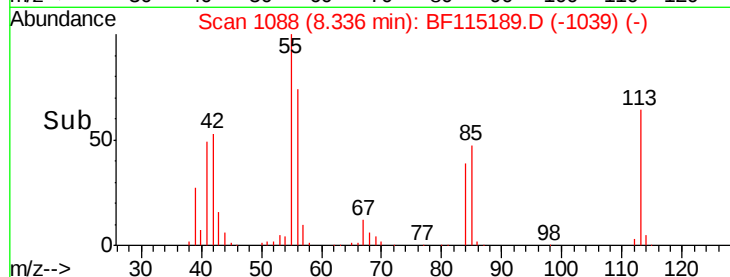
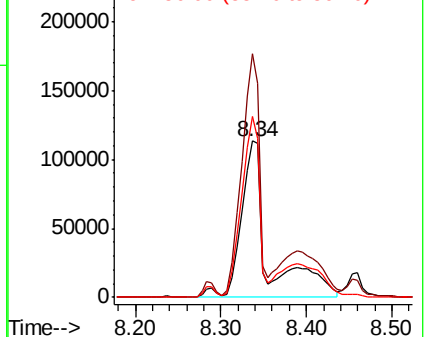
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 44.803 ng/mL

RT: 8.46 min Scan# 1109

Delta R.T. 0.01 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

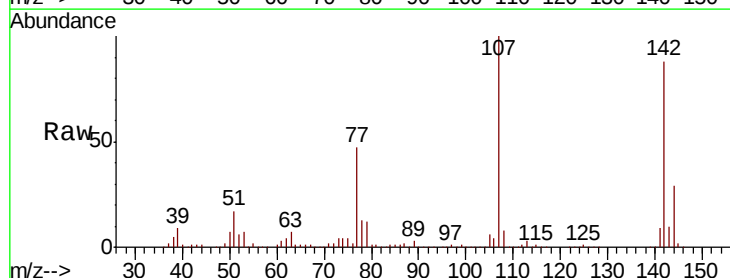
Tgt Ion: 107 Resp: 752633

Ion Ratio Lower Upper

107 100

144 29.0 21.7 32.5

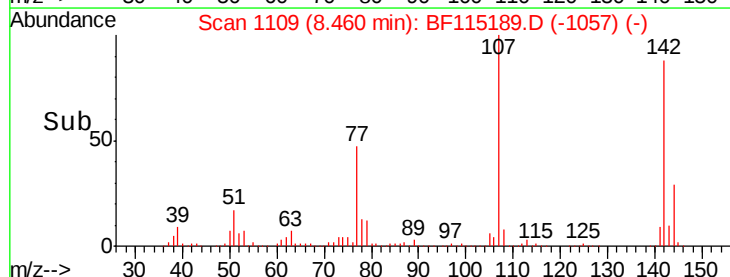
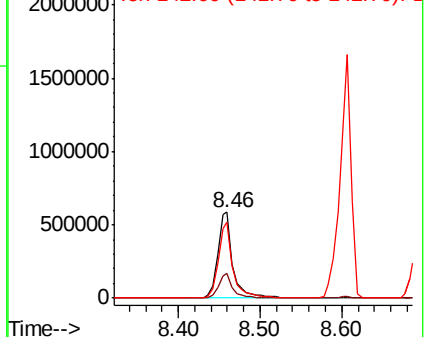
142 88.2 67.0 100.4

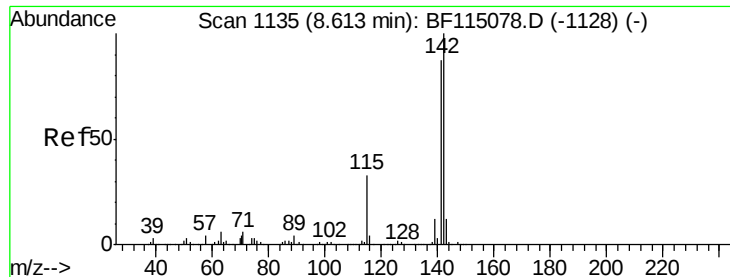


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





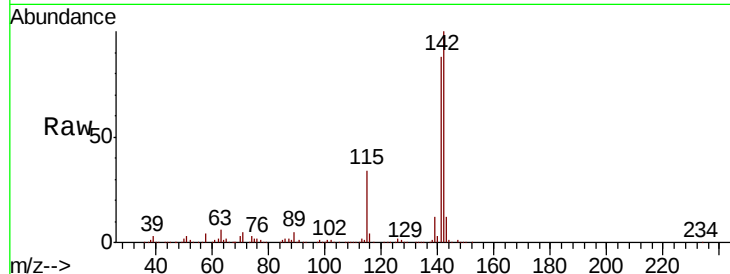
#37
2-Methylnaphthalene
Concen: 43.429 ng
RT: 8.61 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB120652BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	69.8	104.6
115	34.2	26.7	40.1

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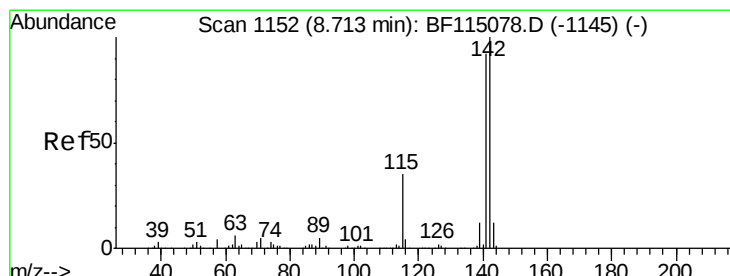
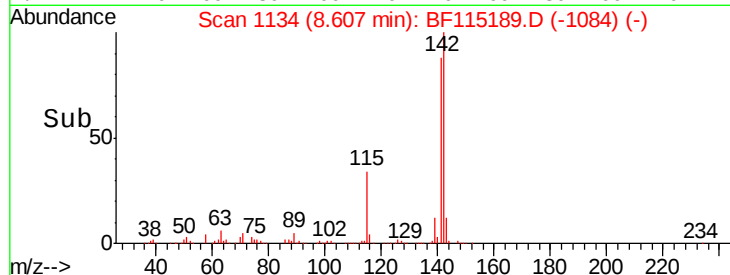
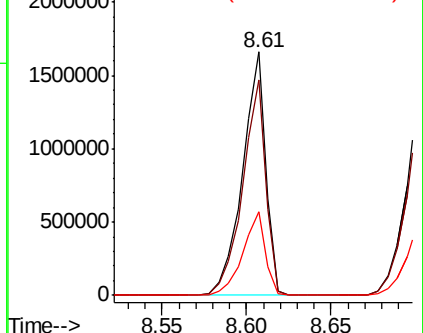


Abundance

Ion 142.00 (141.70 to 142.70): E

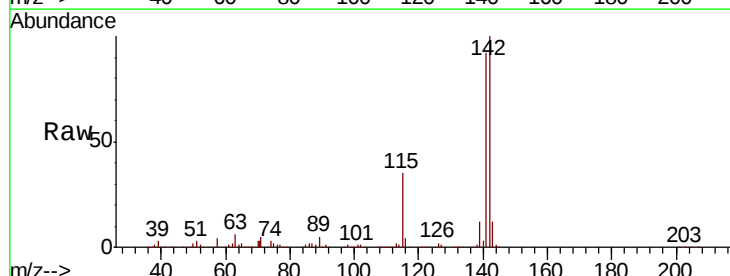
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 43.418 ng
RT: 8.71 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.8	110.8
116	3.6	2.8	4.2

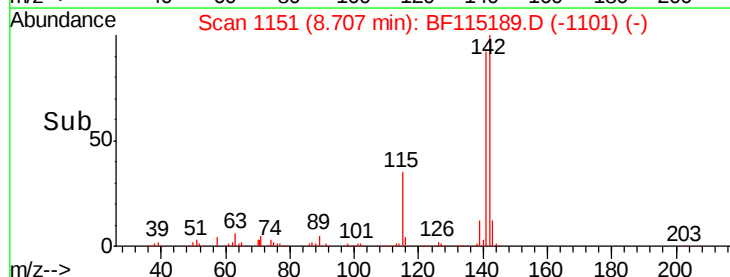
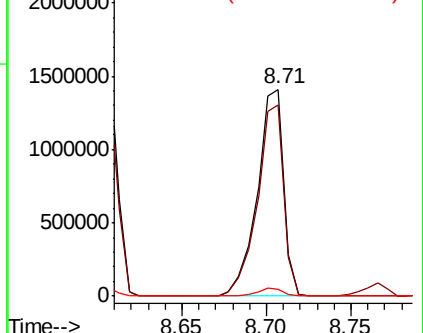


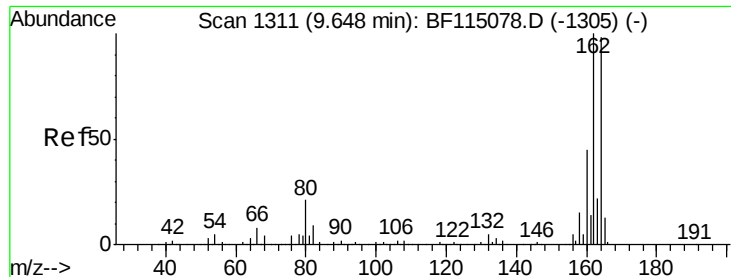
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





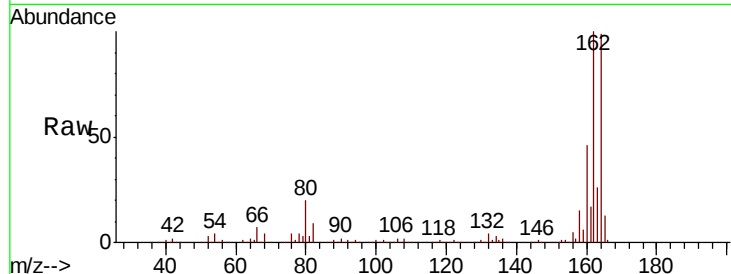
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB120652BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.7	122.5
160	46.0	37.0	55.4

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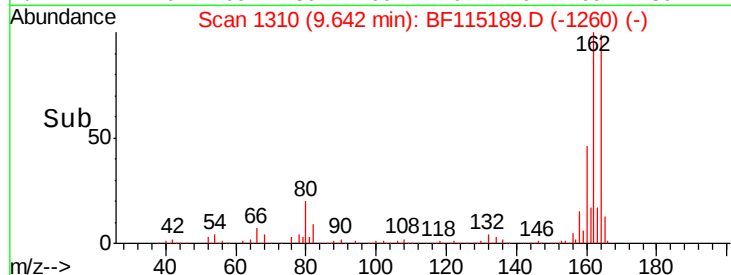
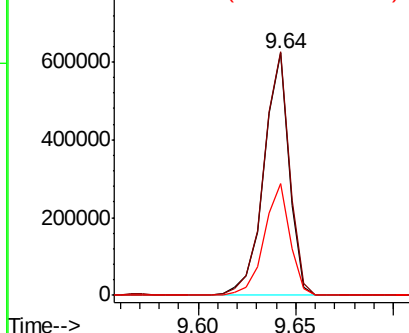


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.866 ng
RT: 8.78 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.8	95.6
179	22.1	17.6	26.4
108	20.5	15.7	23.5

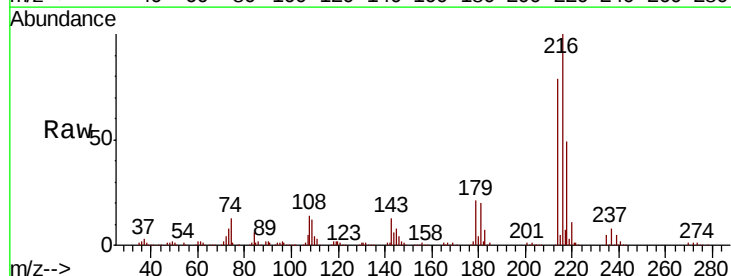
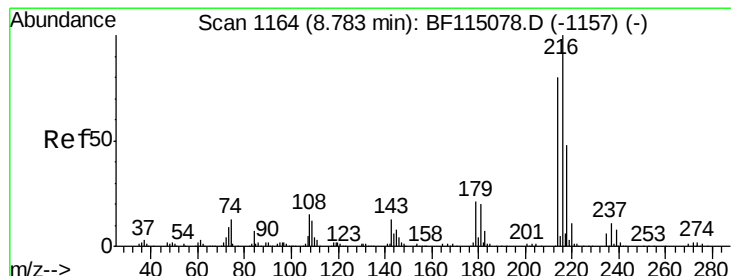
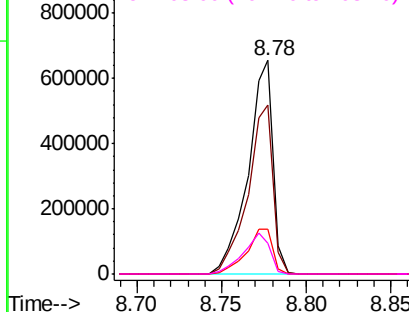
Abundance

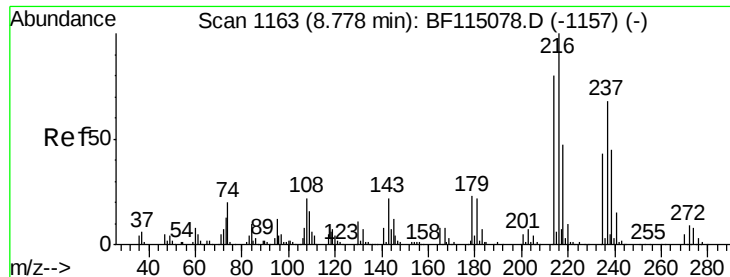
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 74.768 ng

RT: 8.77 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

Instrument :

BNA_F

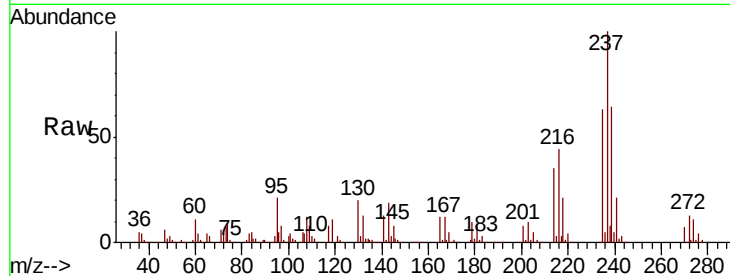
ClientSampleId :

PB120652BS

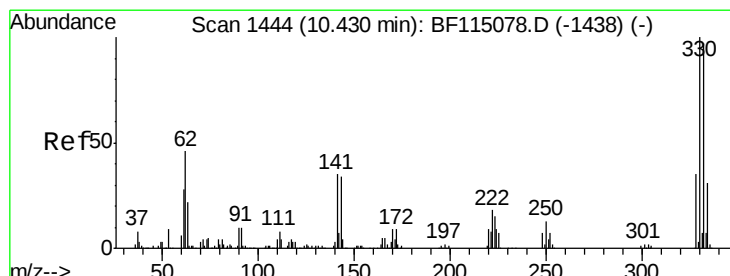
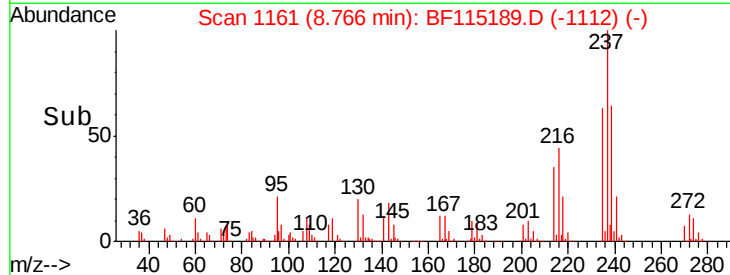
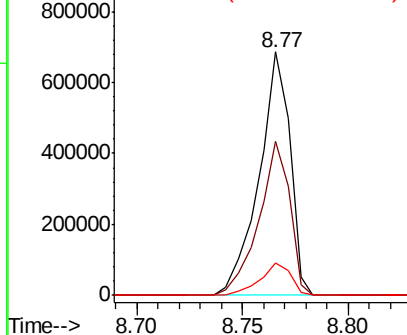
Tot Ion:	237	Resp:	699599
Ion Ratio		Lower	Upper
237	100		
235	63.4	43.9	83.9
272	13.2	0.0	33.8

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 122.105 ng

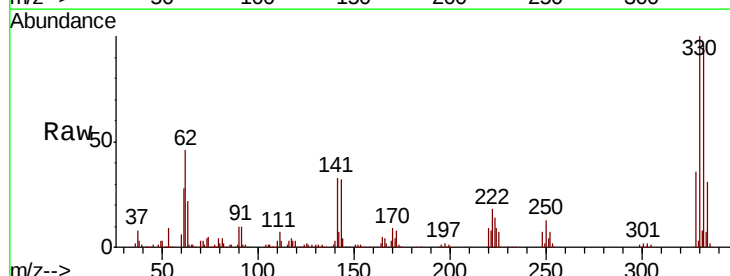
RT: 10.42 min Scan# 1443

Delta R.T. -0.01 min

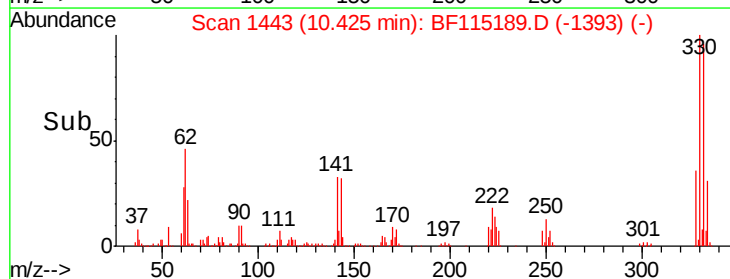
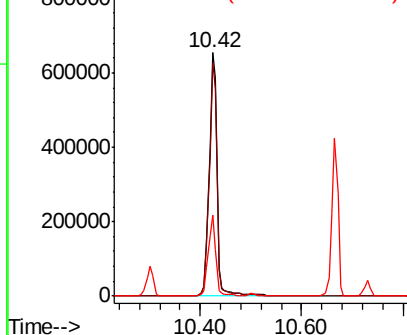
Lab File: BF115189.D

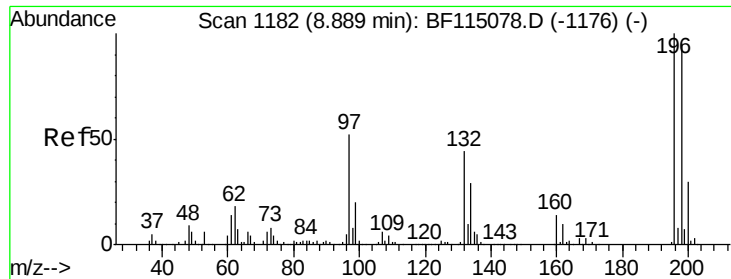
Acq: 25 Jun 2019 16:01

Tgt Ion:	330	Resp:	719040
Ion Ratio		Lower	Upper
330	100		
332	95.2	77.3	115.9
141	31.7	28.2	42.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





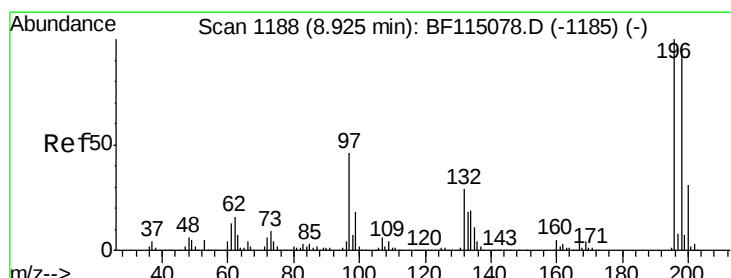
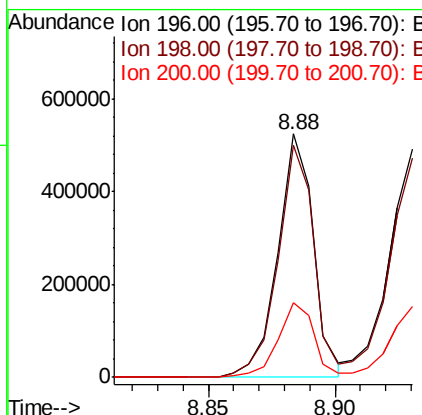
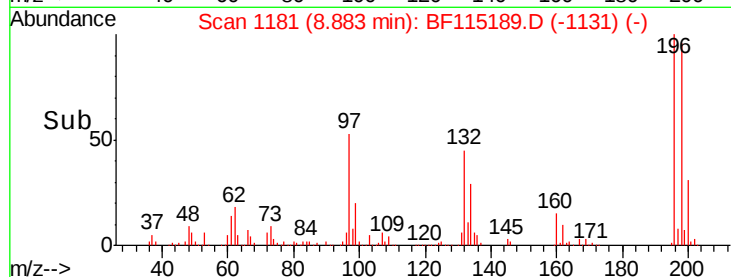
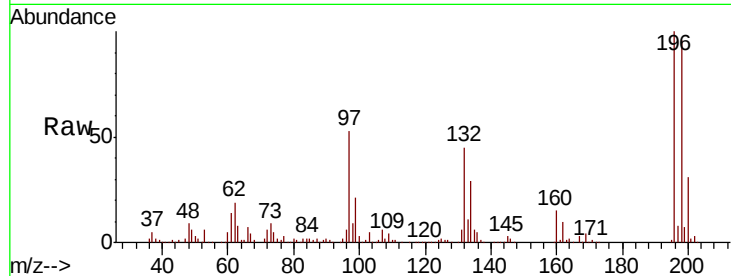
#43
 2,4,6-Trichlorophenol
 Concen: 42.046 ng
 RT: 8.88 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF115189.D
 Acq: 25 Jun 2019 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB120652BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	512234		
198	95.6	76.3	114.5	
200	30.7	24.2	36.4	

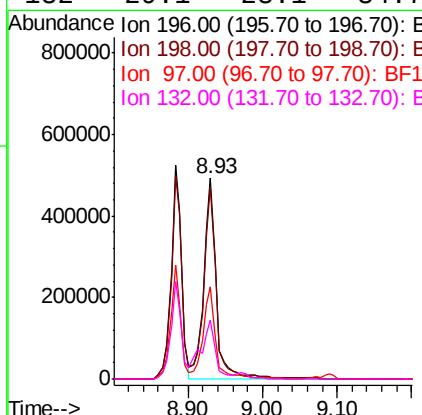
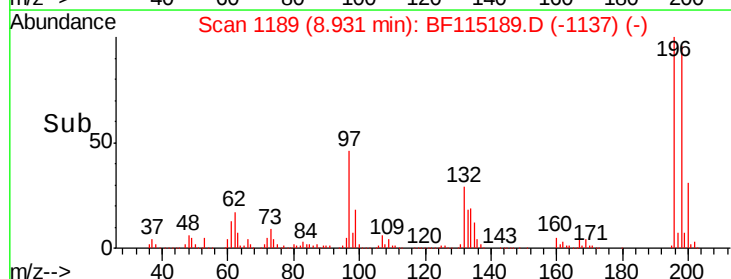
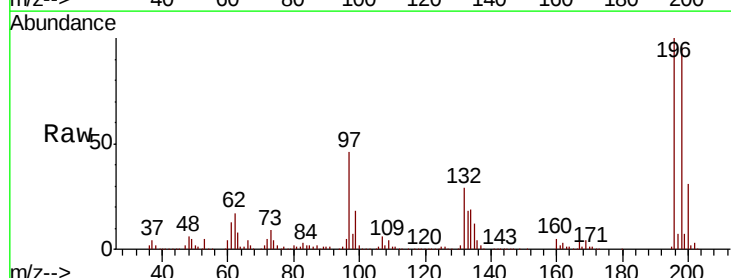
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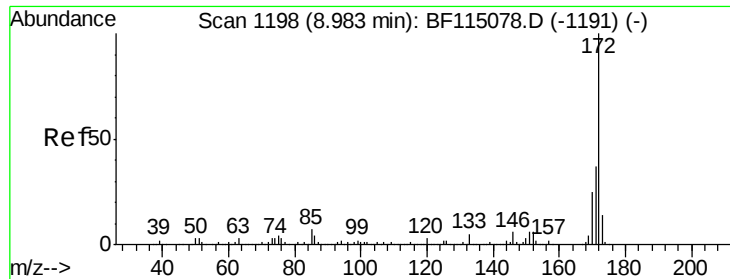
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#44
 2,4,5-Trichlorophenol
 Concen: 46.599 ng
 RT: 8.93 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF115189.D
 Acq: 25 Jun 2019 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	584627		
198	95.8	77.1	115.7	
97	45.9	37.7	56.5	
132	29.1	23.1	34.7	





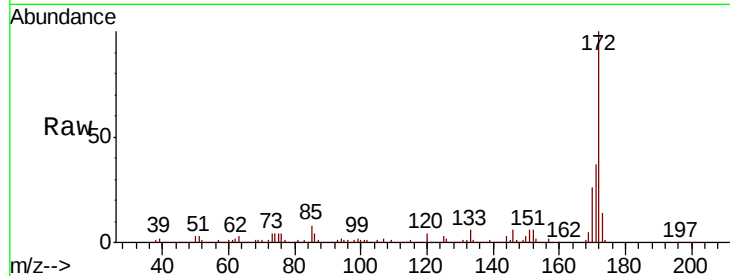
#45
2-Fluorobiphenyl
Concen: 85.006 ng
RT: 8.97 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB120652BS

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	37.1	29.8	44.6	
170	25.8	20.3	30.5	

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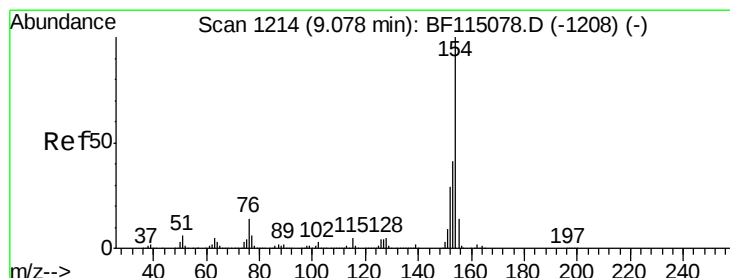
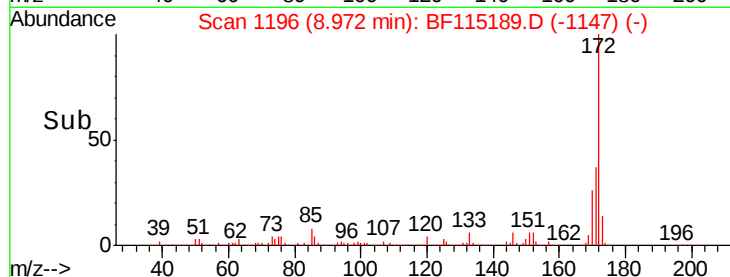
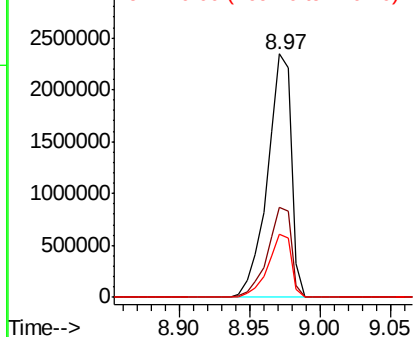


Abundance

Ion 172.00 (171.70 to 172.70): E

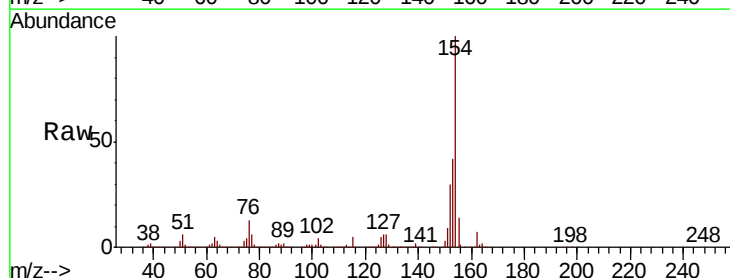
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 41.497 ng
RT: 9.07 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	42.3	20.9	60.9	
76	13.4	0.0	34.1	

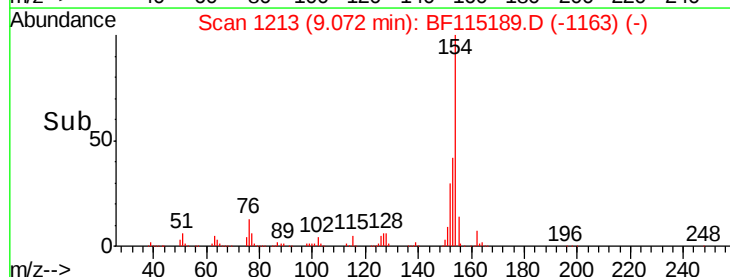
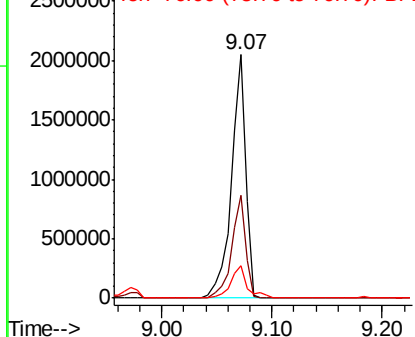


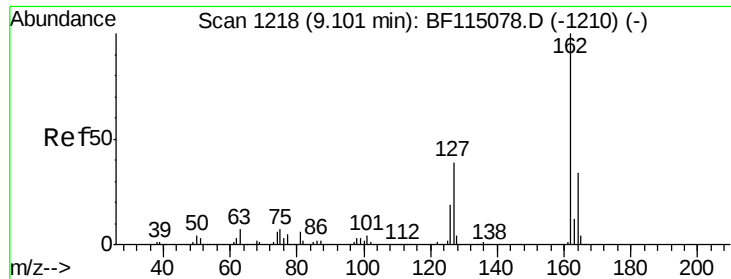
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





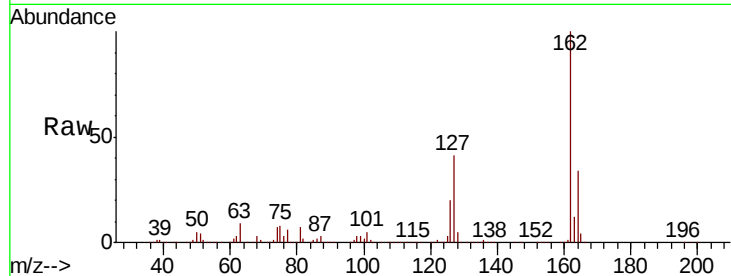
#47
 2-Chloronaphthalene
 Concen: 41.723 ng
 RT: 9.09 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115189.D
 Acq: 25 Jun 2019 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB120652BS

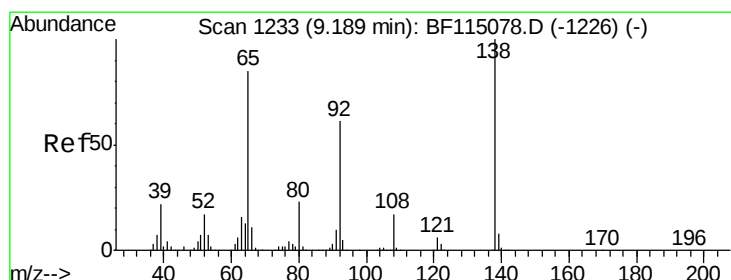
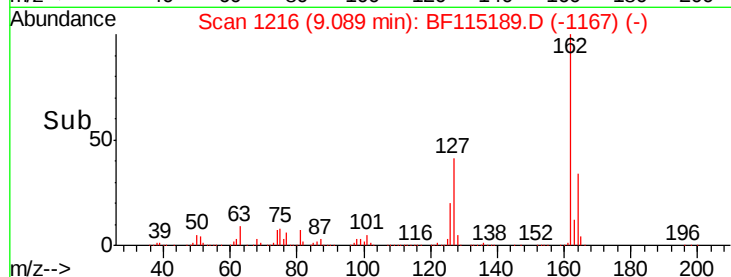
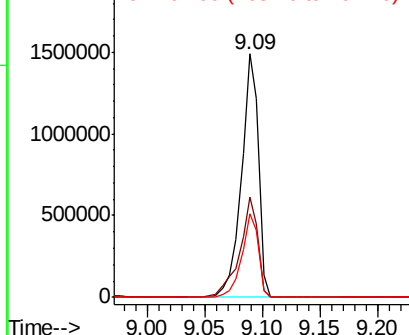
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.3	30.8	46.2
164	34.2	27.0	40.4

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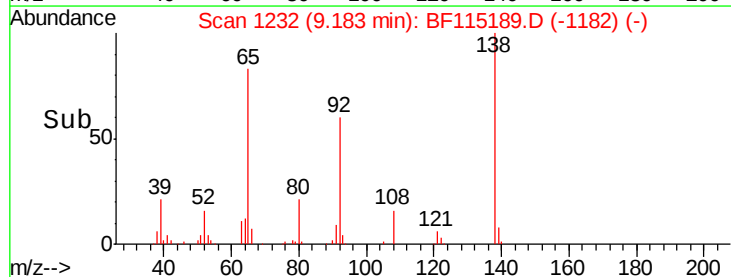
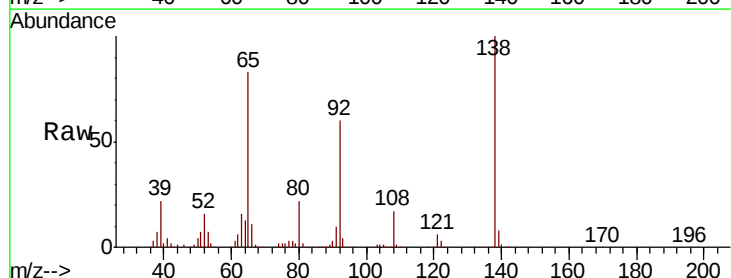
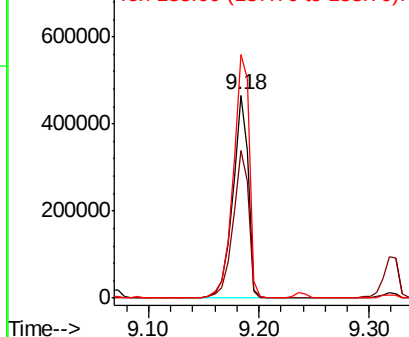
Abundance Ion 162.00 (161.70 to 162.70): E
 2000000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

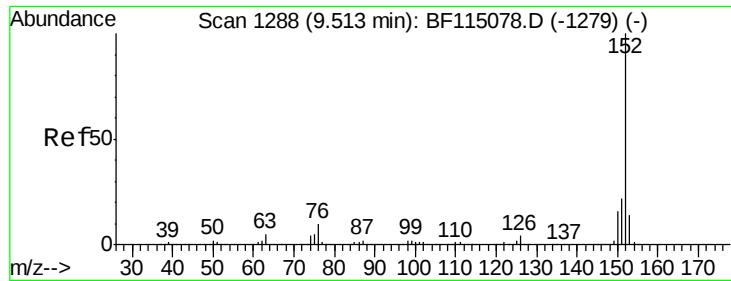


#48
 2-Nitroaniline
 Concen: 43.183 ng
 RT: 9.18 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF115189.D
 Acq: 25 Jun 2019 16:01

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.5	57.4	86.2
138	119.9	94.1	141.1

Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.255 ng

RT: 9.50 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

Instrument :

BNA_F

ClientSampleId :

PB120652BS

Tot Ion:152 Resp: 2329625

Ion Ratio Lower Upper

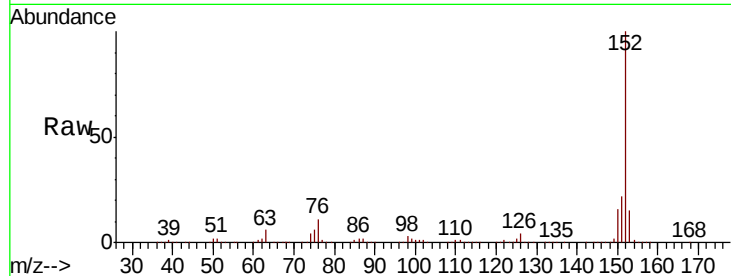
152 100

151 22.1 17.2 25.8

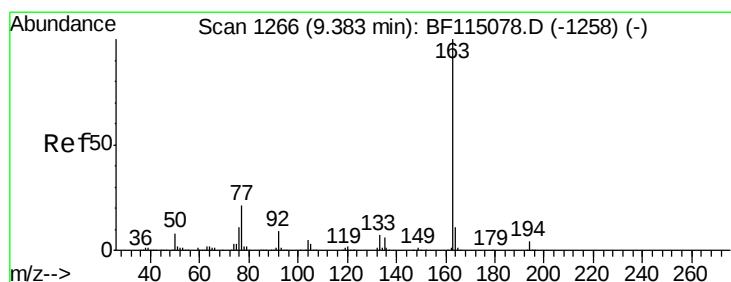
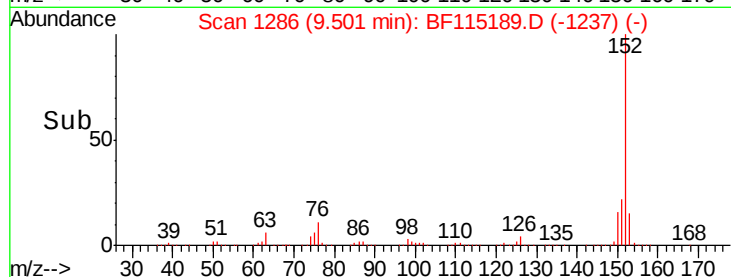
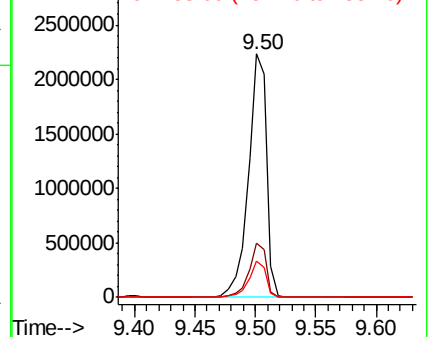
153 14.7 11.0 16.6

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.924 ng

RT: 9.38 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

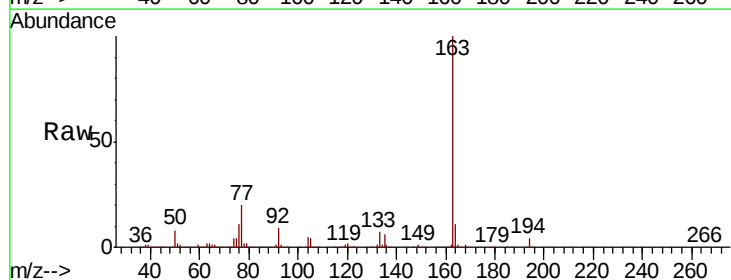
Tgt Ion:163 Resp: 1722398

Ion Ratio Lower Upper

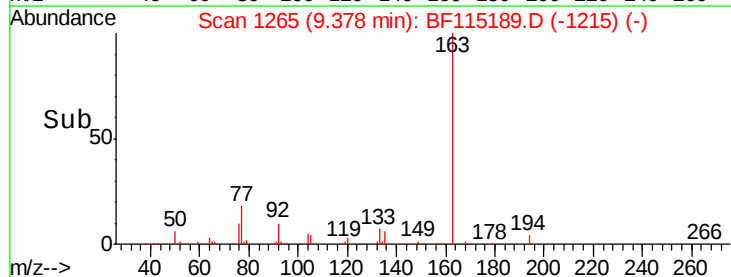
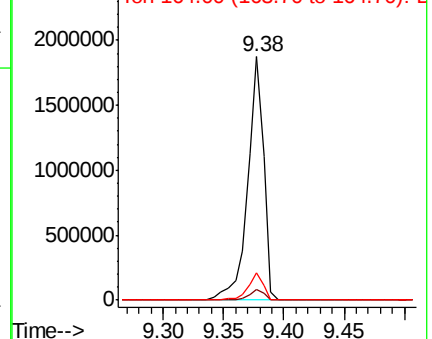
163 100

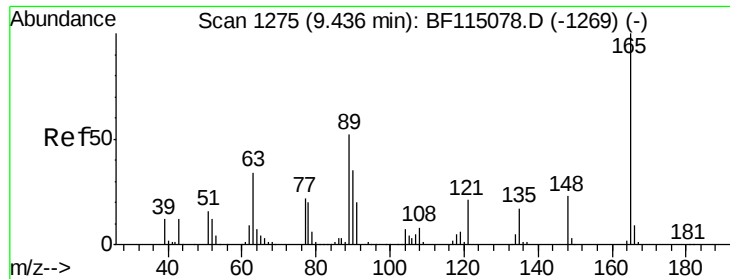
194 4.1 3.2 4.8

164 11.1 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.912 ng

RT: 9.43 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

Instrument :

BNA_F

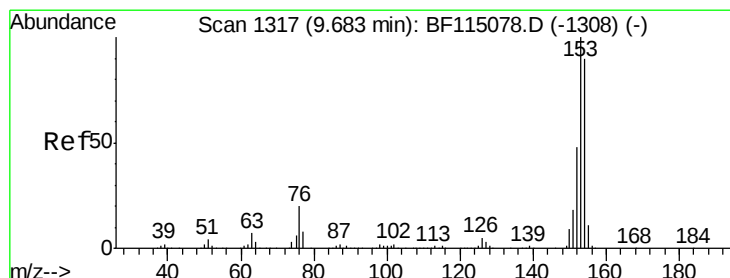
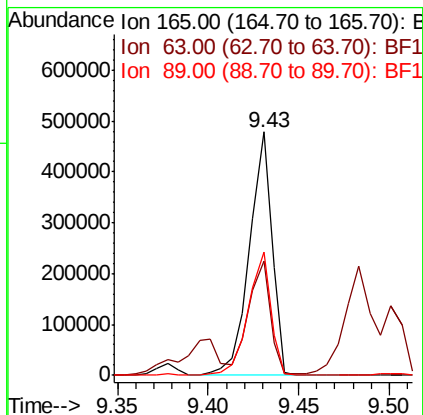
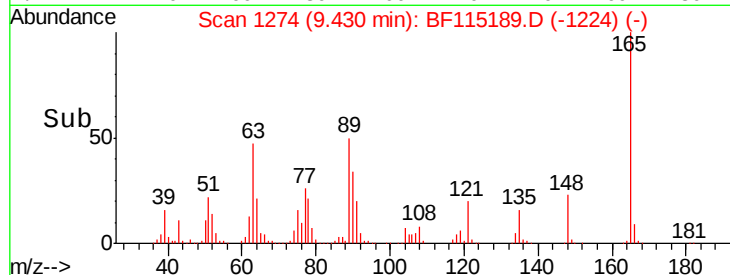
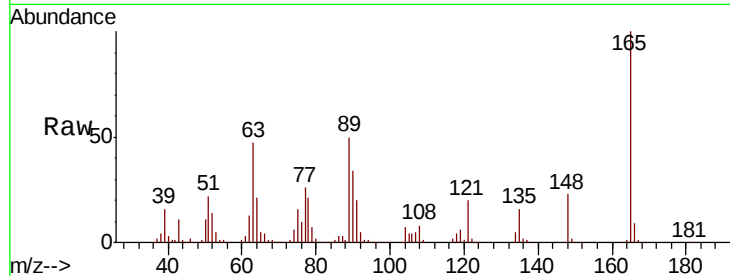
ClientSampleId :

PB120652BS

Tot Ion:	165	Resp:	416507
Ion Ratio	Lower	Upper	
165	100		
63	47.2	39.4	59.2
89	50.4	42.0	63.0

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#52

Acenaphthene

Concen: 39.170 ng

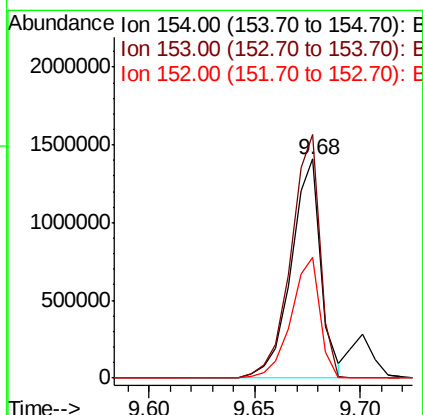
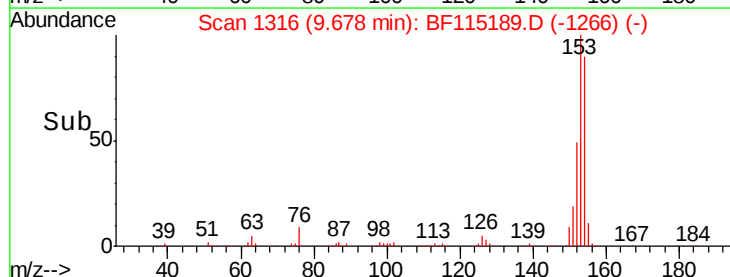
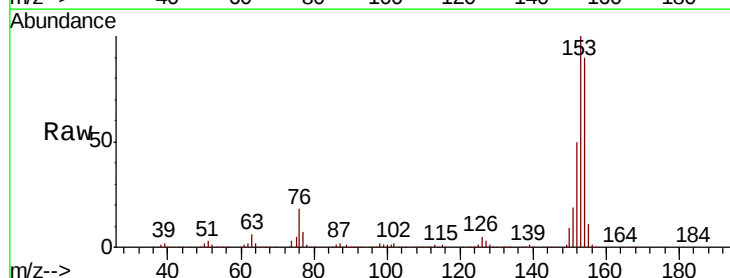
RT: 9.68 min Scan# 1316

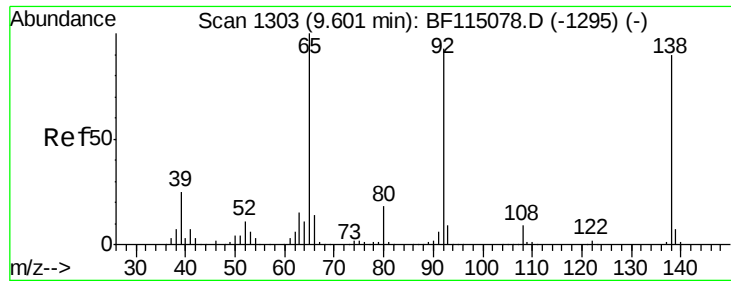
Delta R.T. -0.01 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

Tgt Ion:	154	Resp:	1384068
Ion Ratio	Lower	Upper	
154	100		
153	111.3	88.7	133.1
152	55.3	42.6	64.0





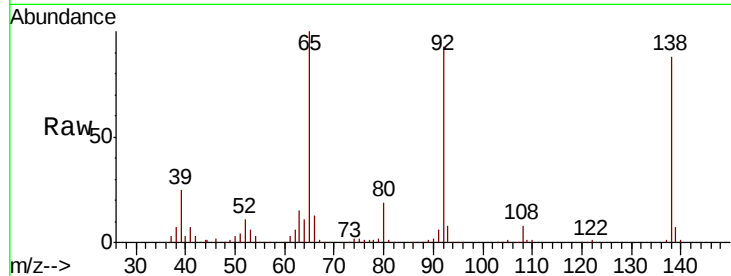
#53
3-Nitroaniline
Concen: 27.205 ng
RT: 9.59 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB120652BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.8	11.6
92	106.6	82.9	124.3

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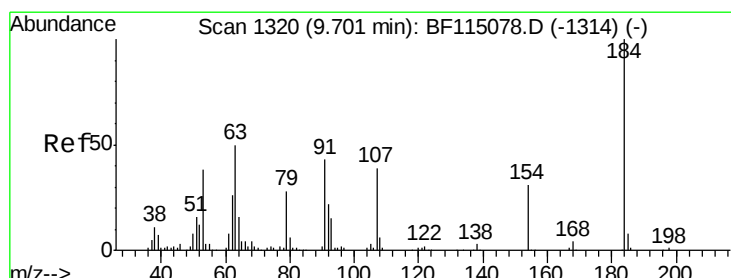
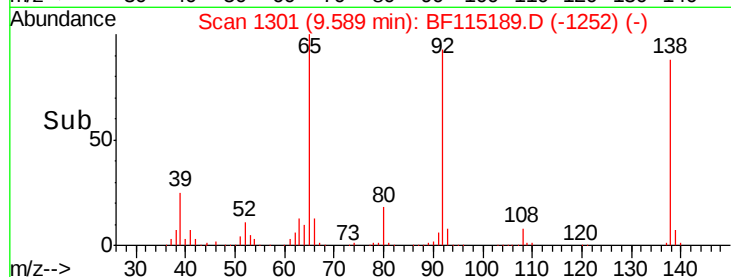
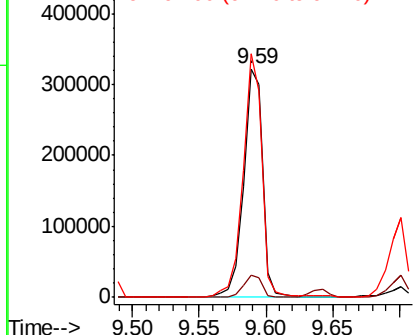


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 90.572 ng
RT: 9.70 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

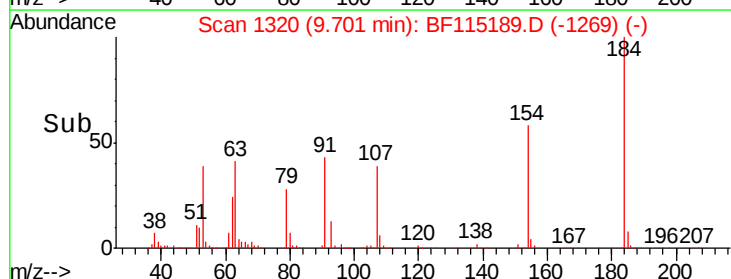
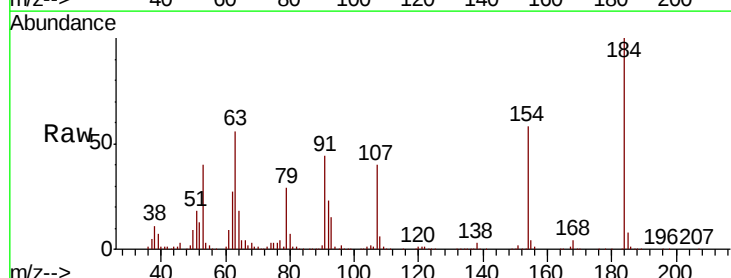
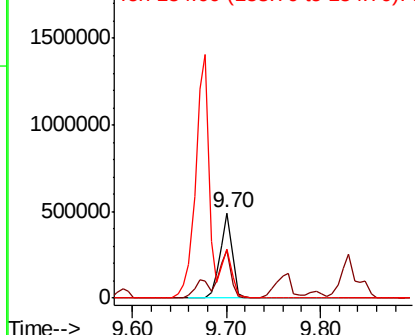
Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.0	41.9	62.9
154	58.1	44.7	67.1

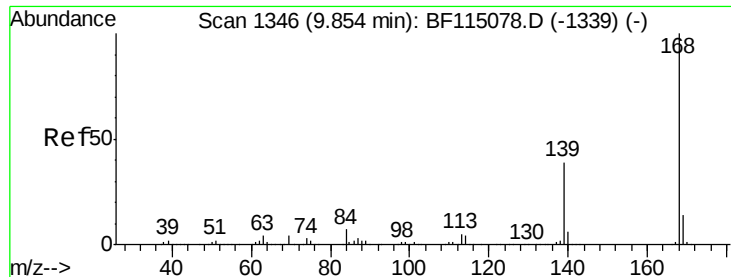
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





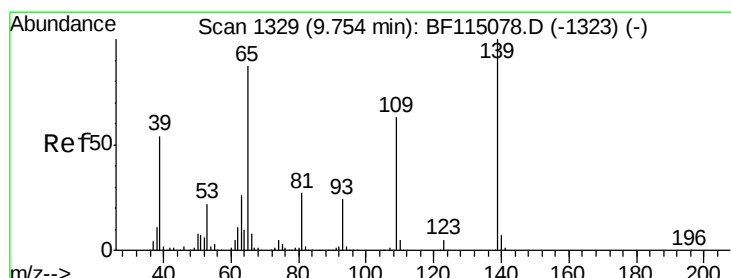
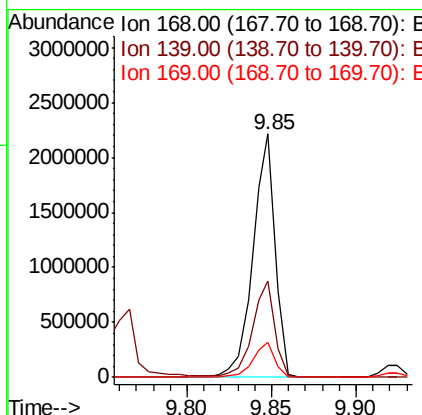
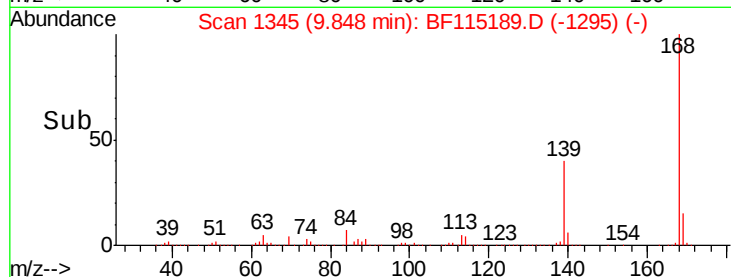
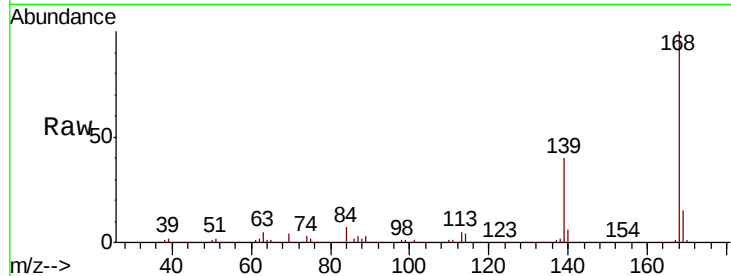
#55
Dibenzofuran
Concen: 40.121 ng
RT: 9.85 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB120652BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.7	31.1	46.7
169	14.5	11.3	16.9

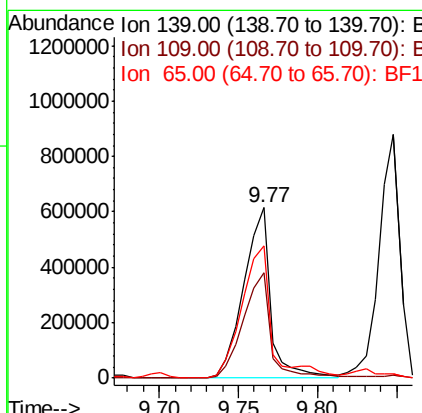
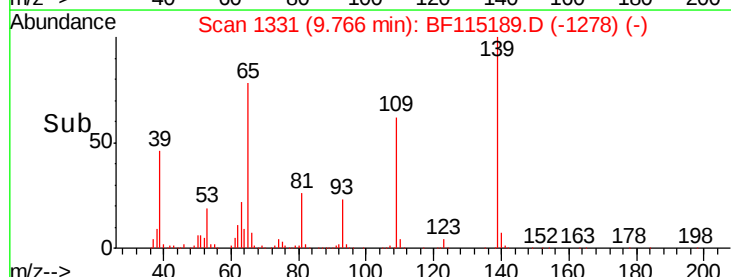
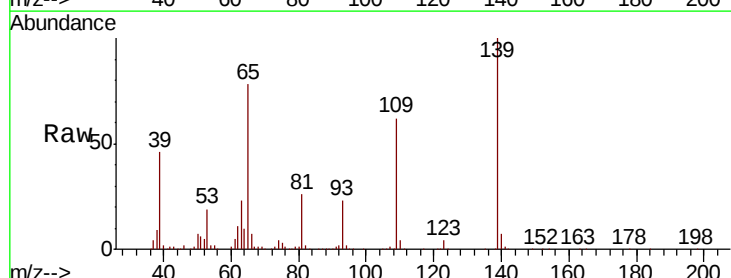
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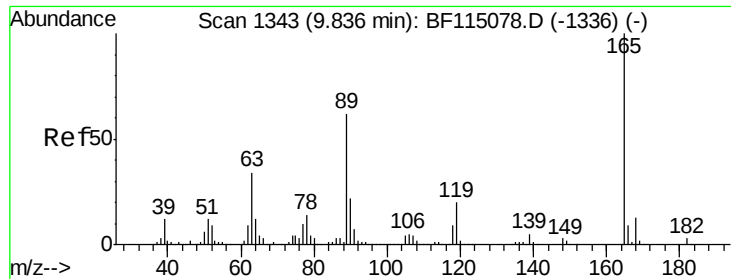
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#56
4-Nitrophenol
Concen: 78.460 ng
RT: 9.77 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Tgt Ion	Ratio	Lower	Upper
139	100		
109	61.7	43.0	83.0
65	77.8	67.0	107.0





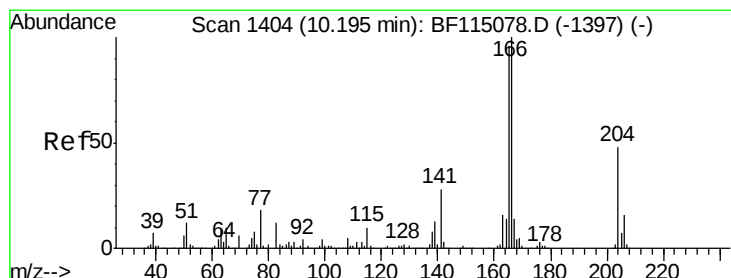
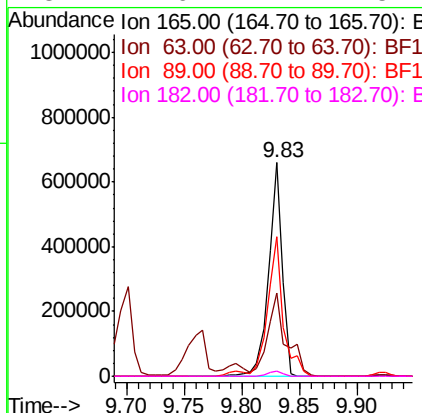
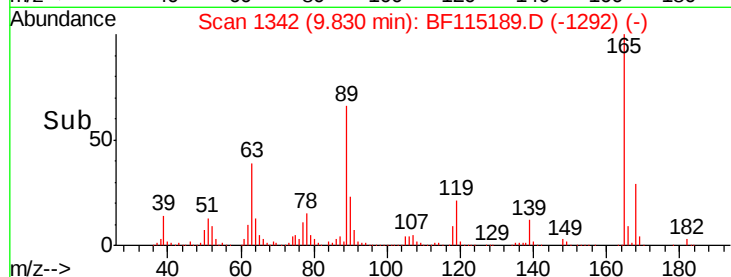
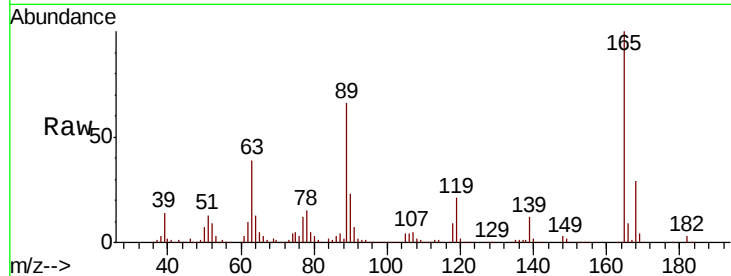
#57
2,4-Dinitrotoluene
Concen: 45.097 ng
RT: 9.83 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB120652BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	38.9	27.5	41.3	
89	65.5	49.9	74.9	
182	2.6	2.1	3.1	

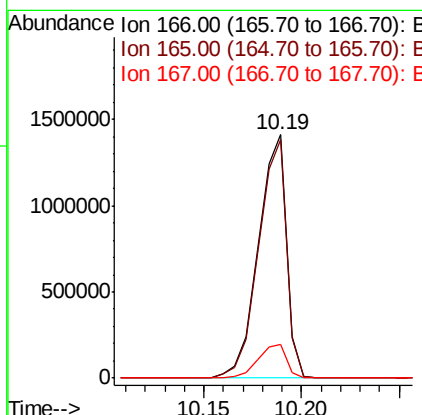
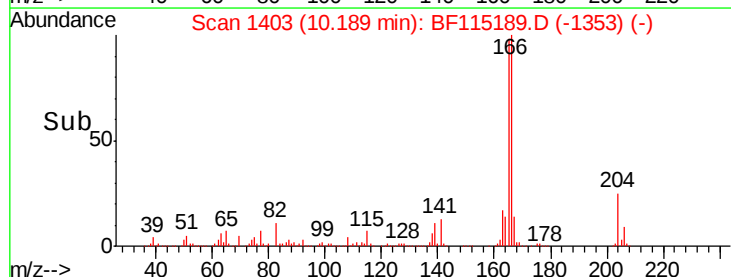
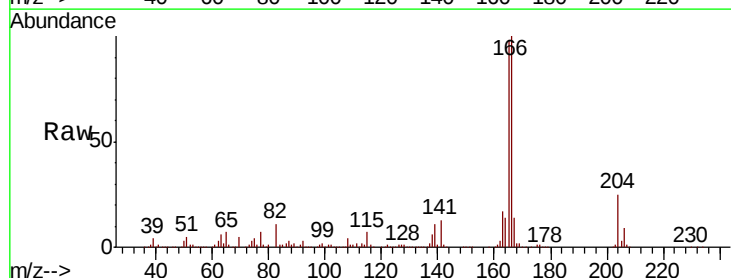
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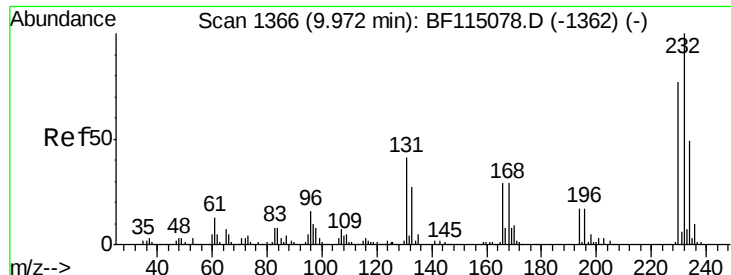
mohammad
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#58
Fluorene
Concen: 41.034 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.8	76.5	114.7	
167	13.8	11.0	16.4	





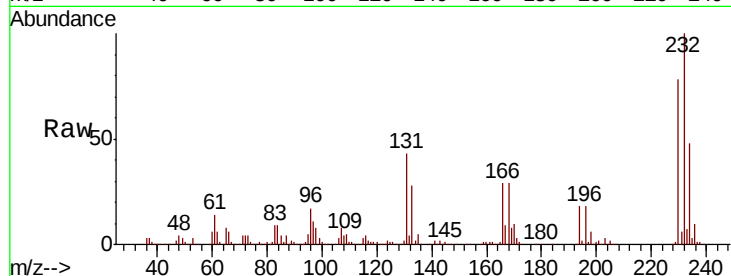
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.086 ng
 RT: 9.97 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF115189.D
 Acq: 25 Jun 2019 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB120652BS

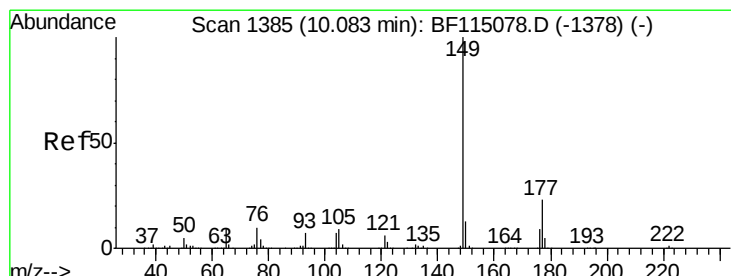
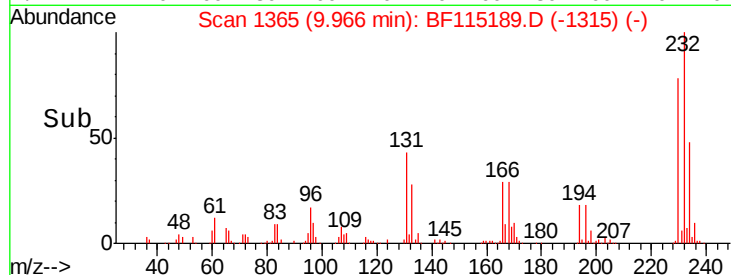
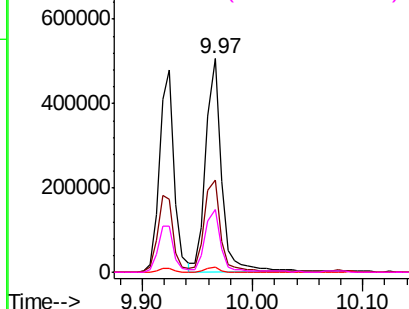
Tot Ion	Ratio	Resp	Lower	Upper
232	100	484822		
131	46.2		37.4	56.0
130	2.0		1.8	2.6
166	29.5		24.6	36.8

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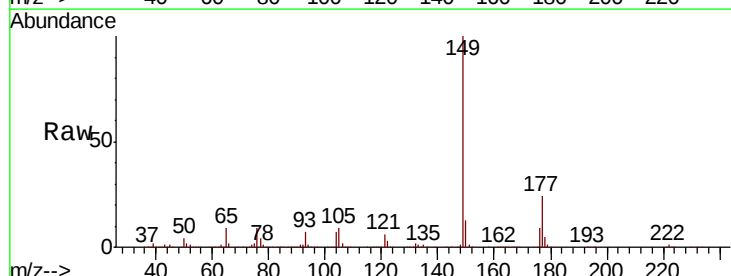


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

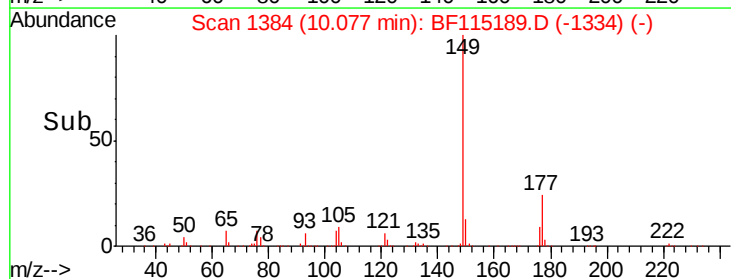
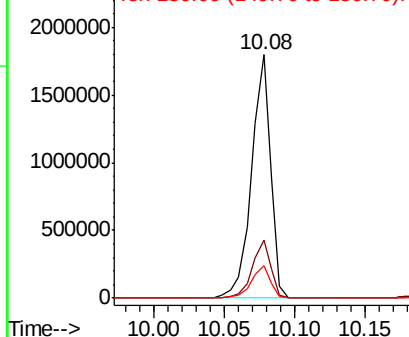


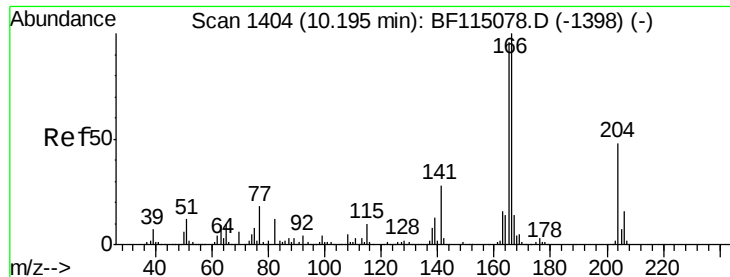
#60
 Diethylphthalate
 Concen: 41.198 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. -0.01 min
 Lab File: BF115189.D
 Acq: 25 Jun 2019 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1701390		
177	23.7		18.7	28.1
150	13.1		10.4	15.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





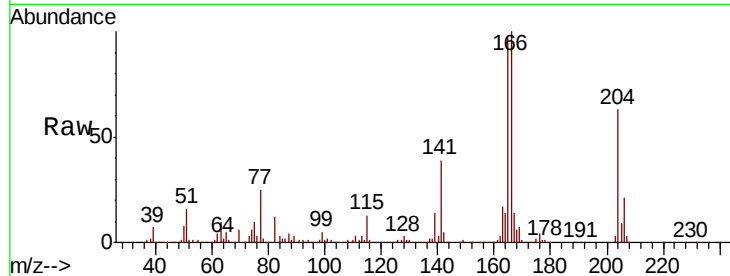
#61
4-Chlorophenyl-phenylether
Concen: 42.162 ng
RT: 10.18 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Instrument :
BNA_F
ClientSampled :
PB120652BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	26.6	40.0
141	61.3	46.7	70.1

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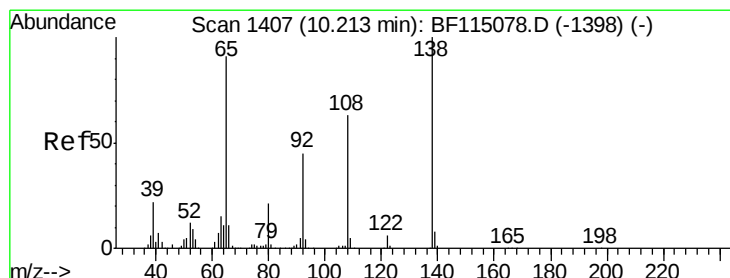
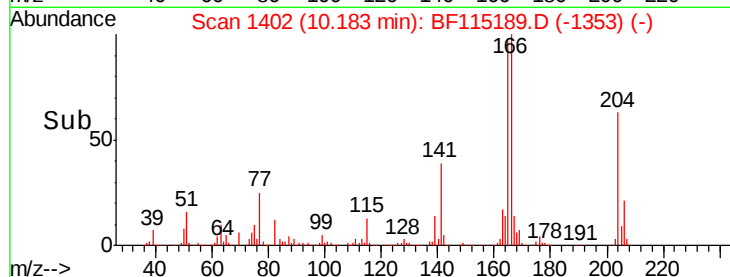
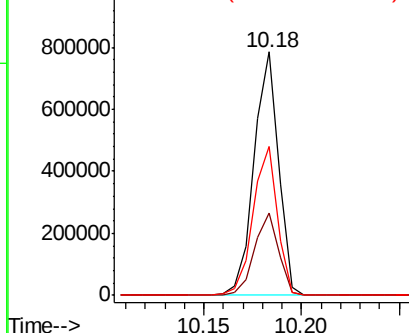


Abundance

Ion 204.00 (203.70 to 204.70): E

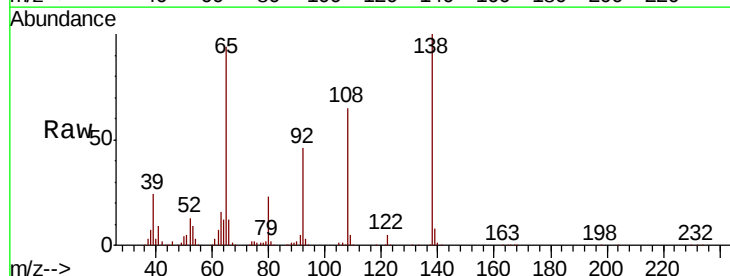
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 40.276 ng
RT: 10.21 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.4	24.8	64.8
108	65.1	43.3	83.3

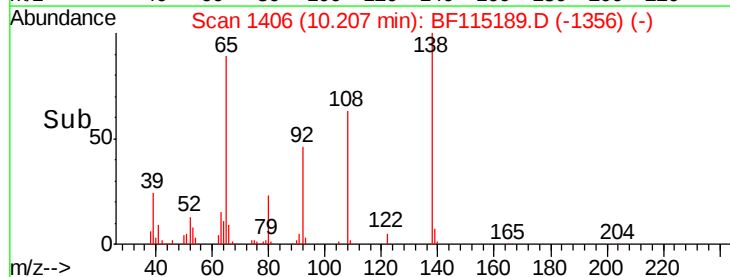
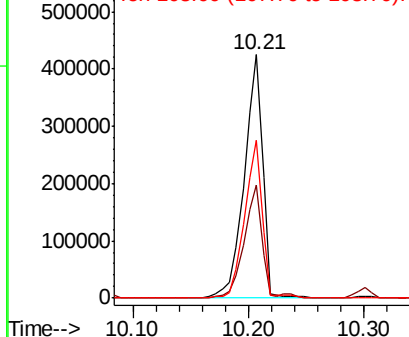


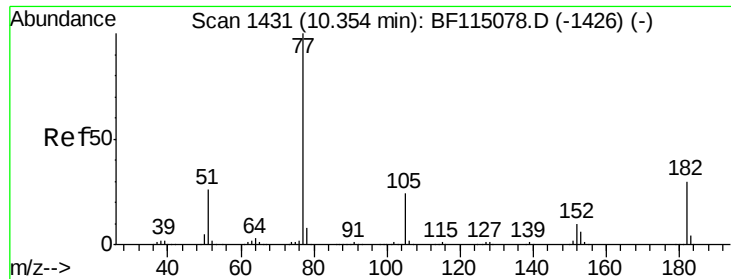
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





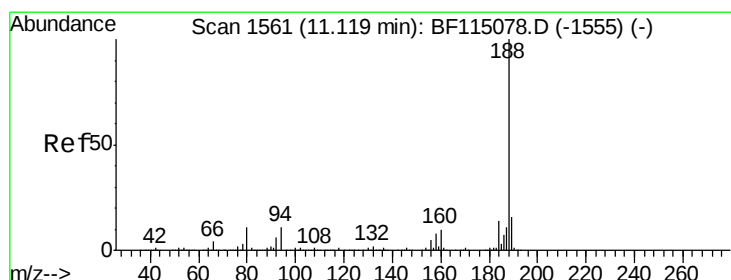
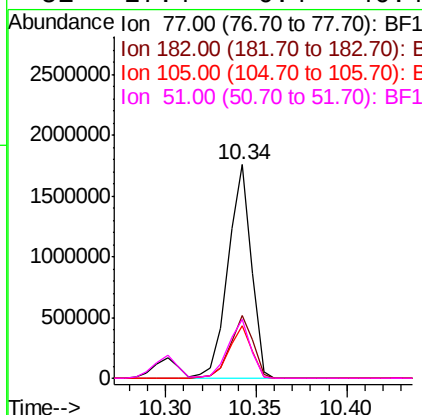
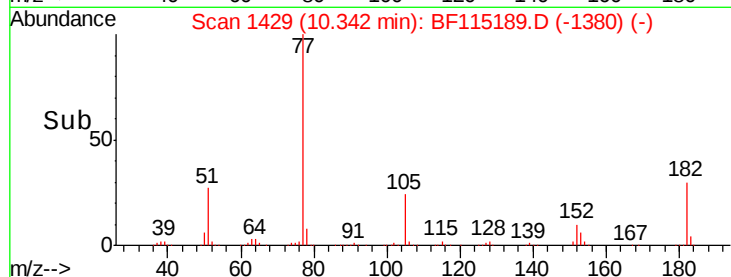
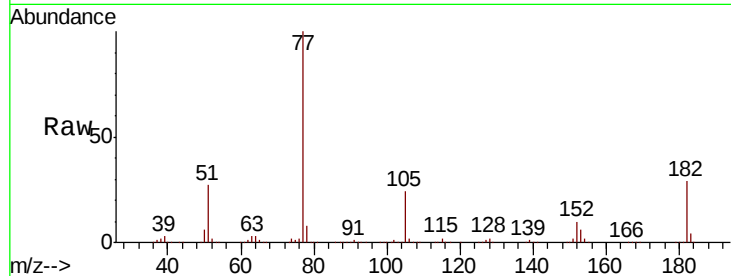
#63
Azobenzene
Concen: 40.672 ng
RT: 10.34 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB120652BS

Tot Ion: 77 Resp: 1568880
Ion Ratio Lower Upper
77 100
182 29.5 10.1 50.1
105 24.5 4.5 44.5
51 27.4 6.4 46.4

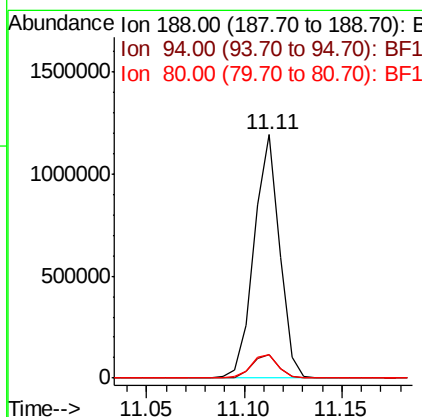
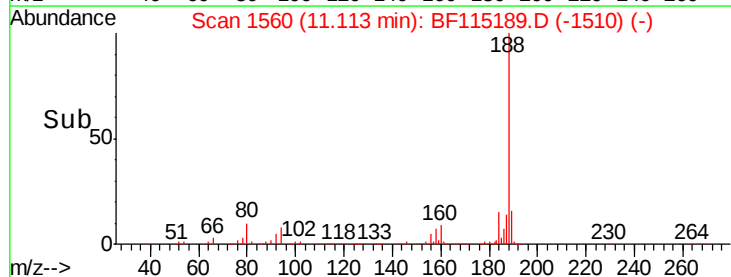
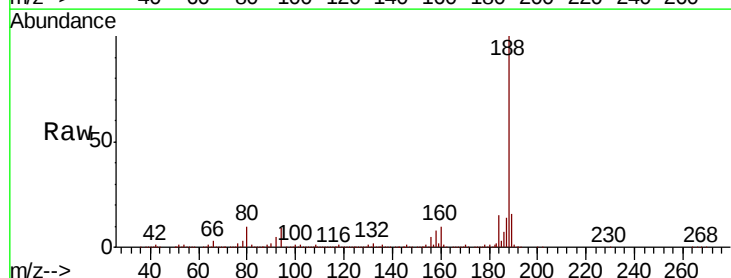
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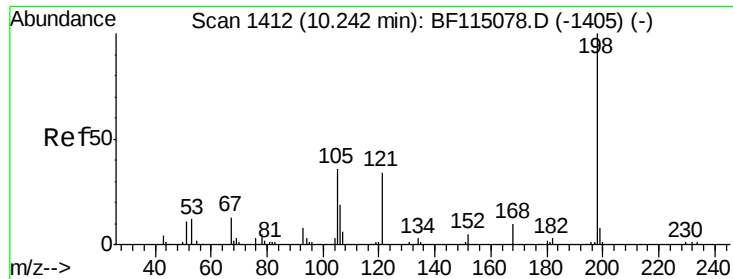
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Tgt Ion: 188 Resp: 1079843
Ion Ratio Lower Upper
188 100
94 9.4 8.6 12.8
80 9.9 8.8 13.2





#65

4,6-Dinitro-2-methylphenol

Concen: 47.153 ng

RT: 10.24 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

Instrument :

BNA_F

ClientSampleId :

PB120652BS

Tot Ion:198 Resp: 270366

Ion Ratio Lower Upper

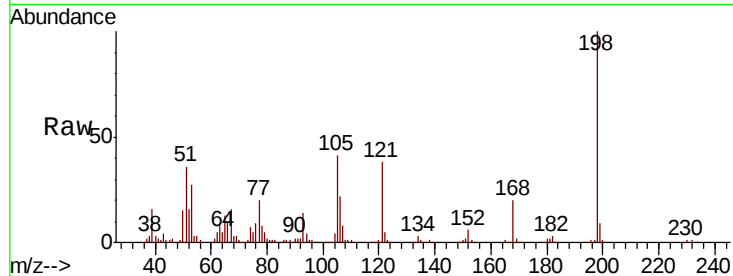
198 100

51 35.8 11.0 51.0

105 40.9 17.3 57.3

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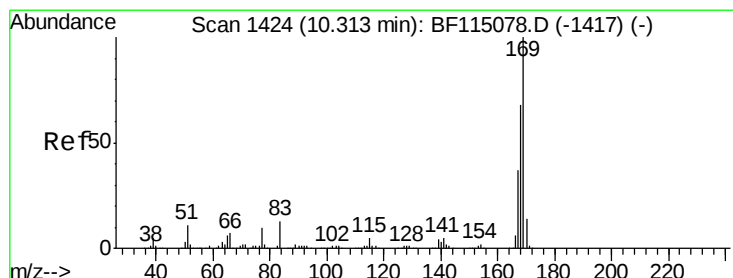
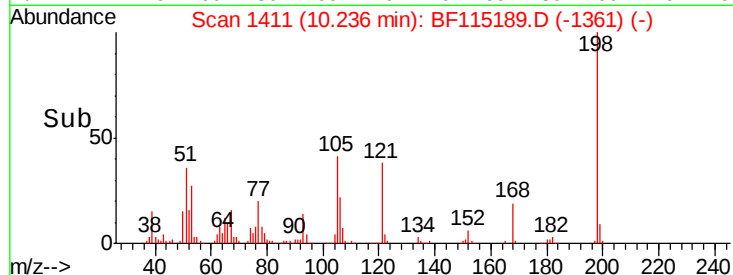
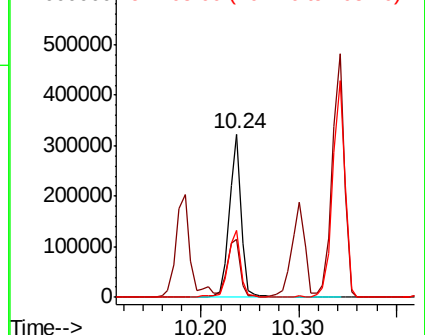
mohammad
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.991 ng

RT: 10.30 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

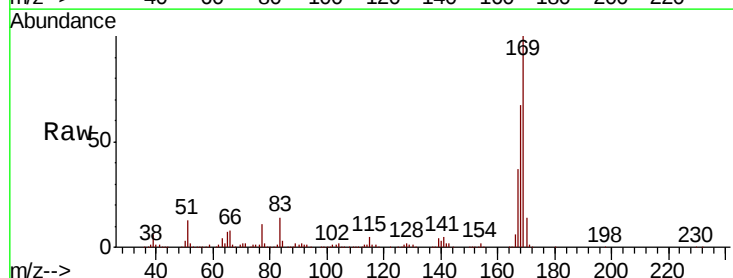
Tgt Ion:169 Resp: 1446314

Ion Ratio Lower Upper

169 100

168 67.2 54.2 81.4

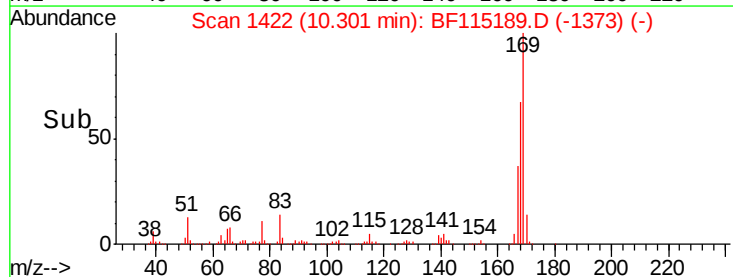
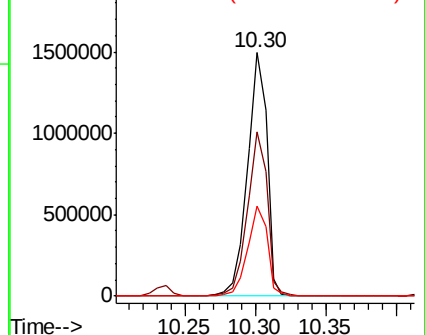
167 37.1 29.4 44.0

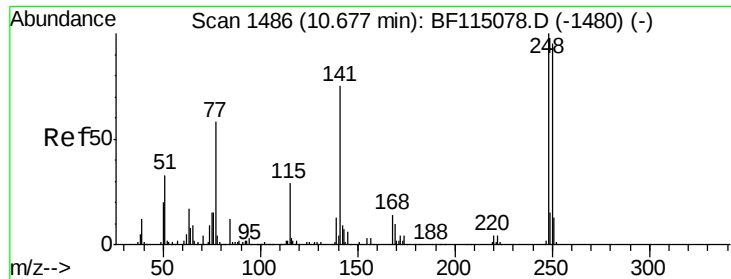


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





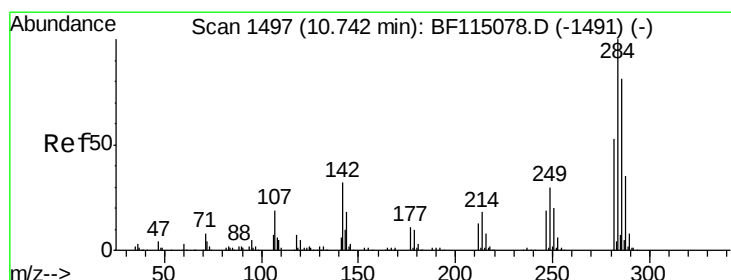
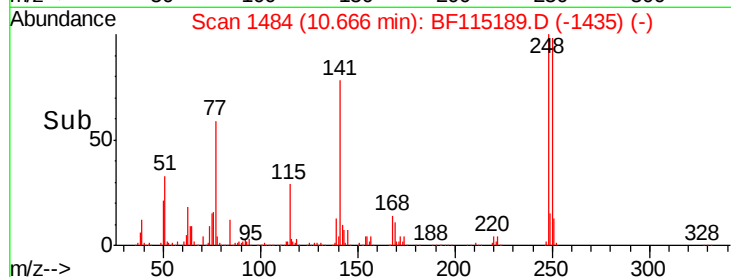
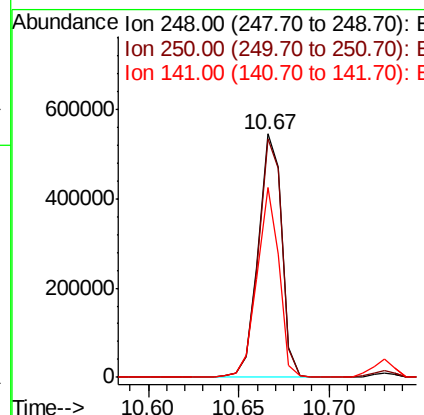
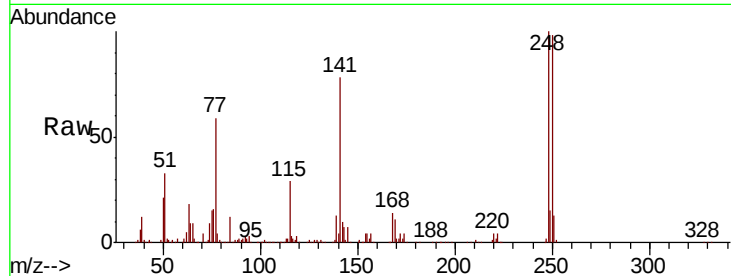
#67
 4-Bromophenyl-phenylether
 Concen: 42.012 ng
 RT: 10.67 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: BF115189.D
 Acq: 25 Jun 2019 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB120652BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	76.2	114.2
141	78.0	59.6	89.4

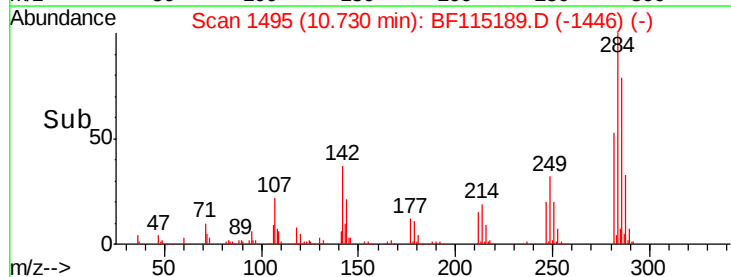
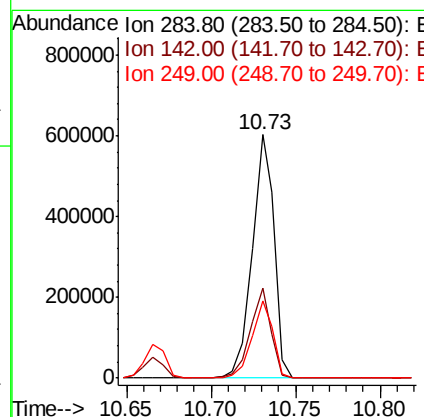
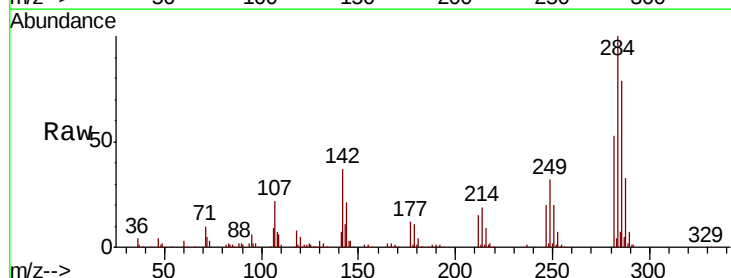
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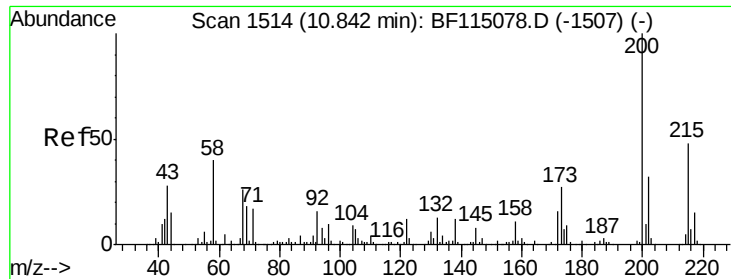
mohammad
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#68
 Hexachlorobenzene
 Concen: 43.004 ng
 RT: 10.73 min Scan# 1495
 Delta R.T. -0.01 min
 Lab File: BF115189.D
 Acq: 25 Jun 2019 16:01

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.9	25.8	38.8
249	31.7	24.2	36.4





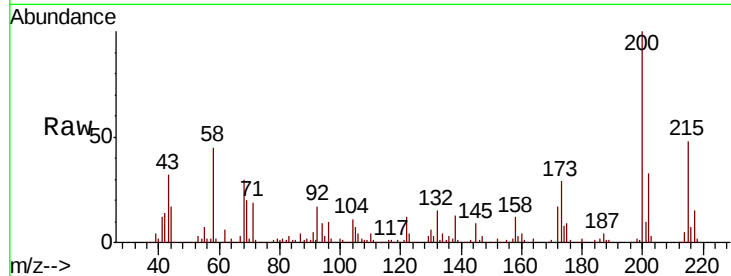
#69
Atrazine
Concen: 42.963 ng
RT: 10.83 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB120652BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.8	7.4	47.4
215	48.1	27.8	67.8

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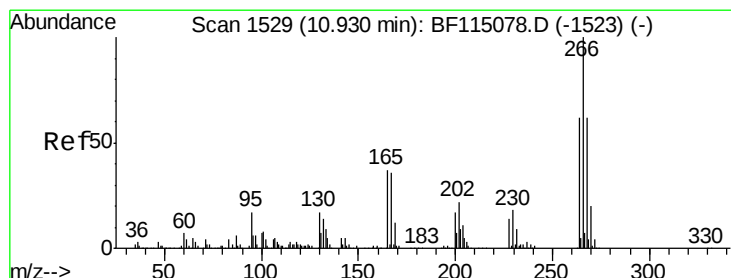
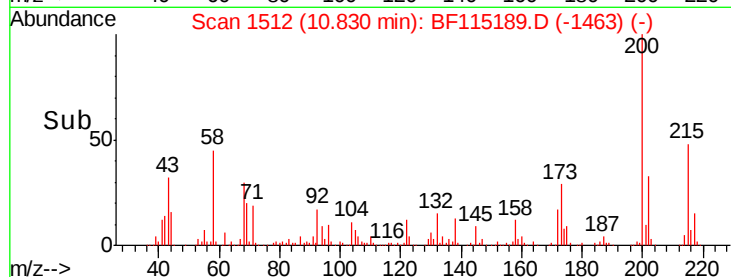
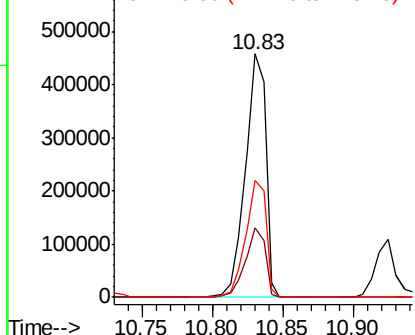


Abundance

Ion 200.00 (199.70 to 200.70): E

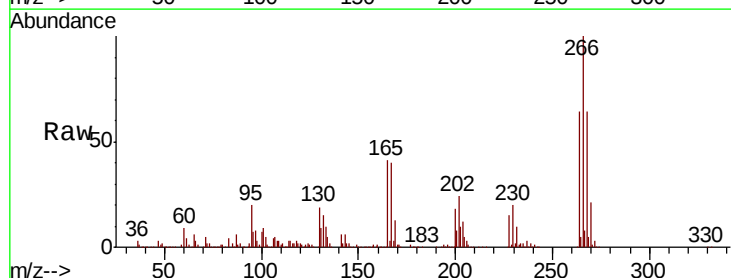
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 84.397 ng
RT: 10.92 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.8	49.5	74.3
264	63.8	49.3	73.9

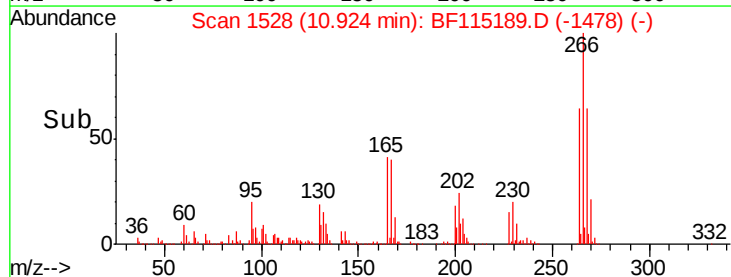
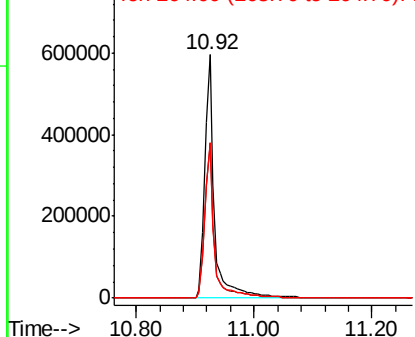


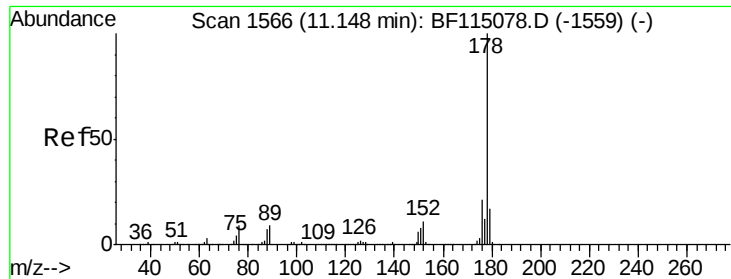
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





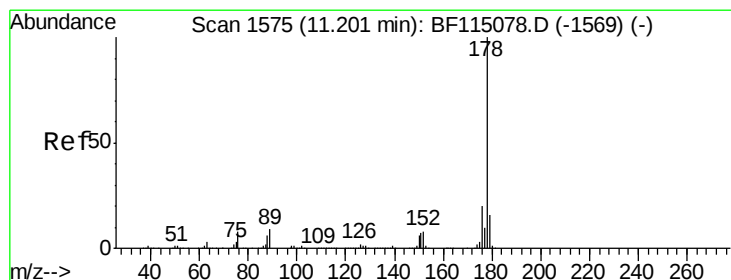
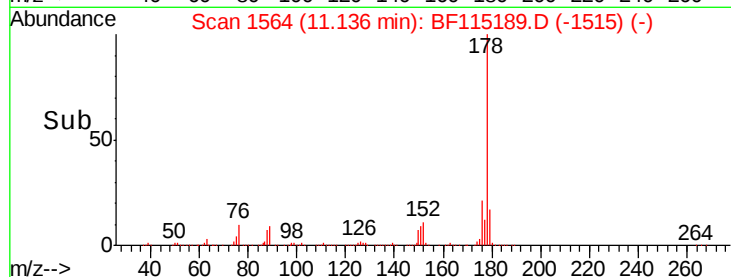
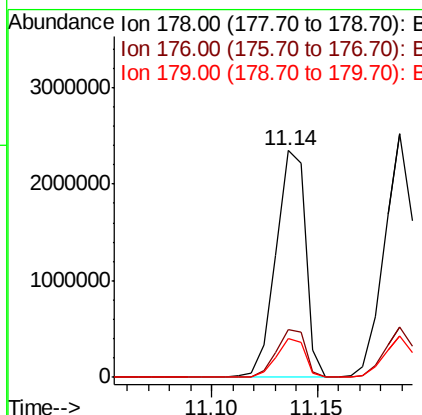
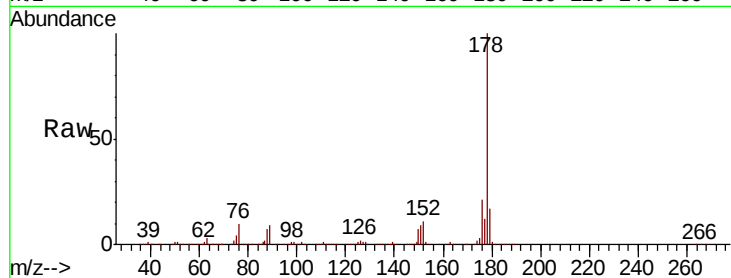
#71
Phenanthrene
Concen: 39.705 ng
RT: 11.14 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB120652BS

Tot Ion:178 Resp: 2308447
Ion Ratio Lower Upper
178 100
176 21.3 16.9 25.3
179 16.9 13.2 19.8

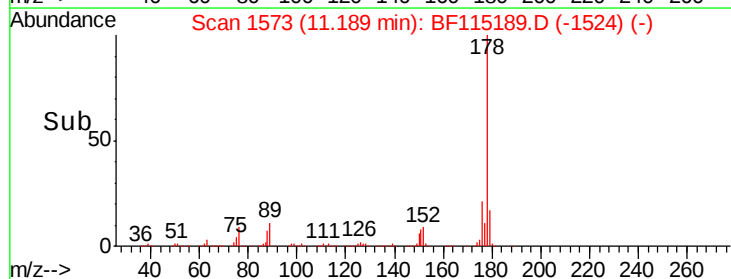
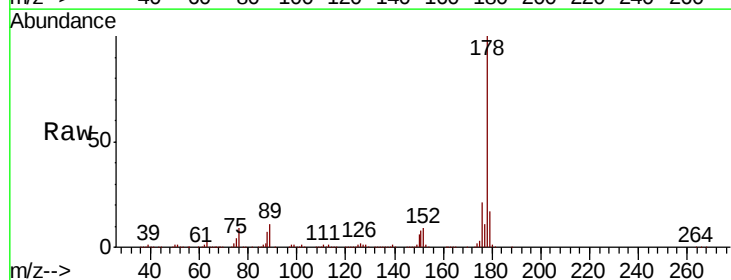
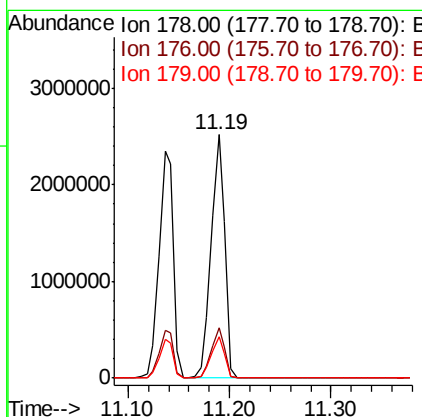
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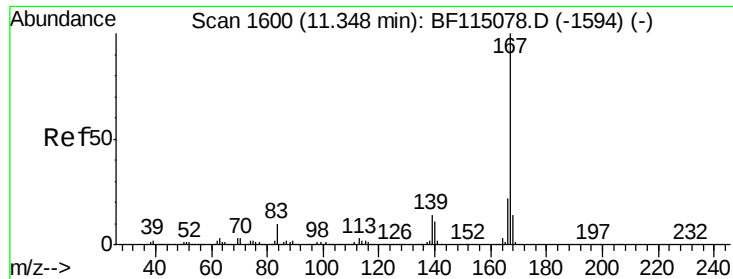
mohammad
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#72
Anthracene
Concen: 40.347 ng
RT: 11.19 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Tgt Ion:178 Resp: 2367926
Ion Ratio Lower Upper
178 100
176 20.6 16.1 24.1
179 17.2 12.9 19.3





#73
 Carbazole
 Concen: 41.443 ng
 RT: 11.34 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF115189.D
 Acq: 25 Jun 2019 16:01

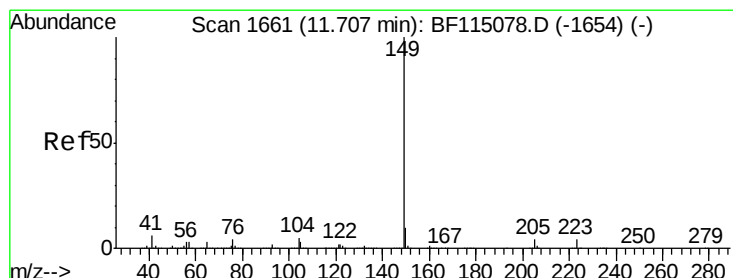
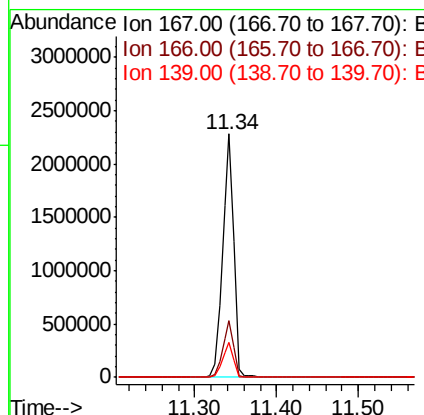
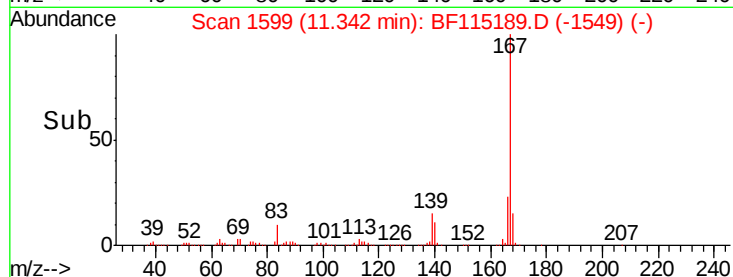
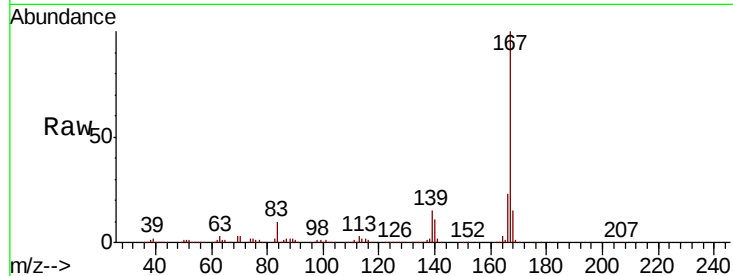
Instrument :
 BNA_F
 ClientSampleId :
 PB120652BS

Tot Ion:167 Resp: 2171906

Ion	Ratio	Lower	Upper
167	100		
166	23.3	18.0	27.0
139	14.6	11.1	16.7

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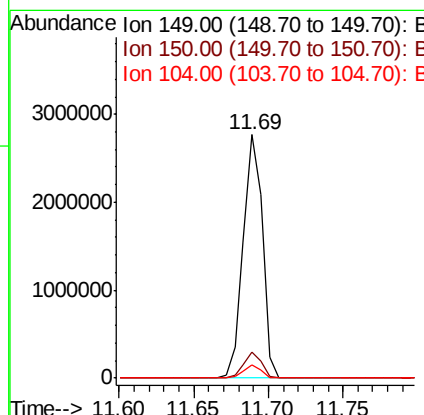
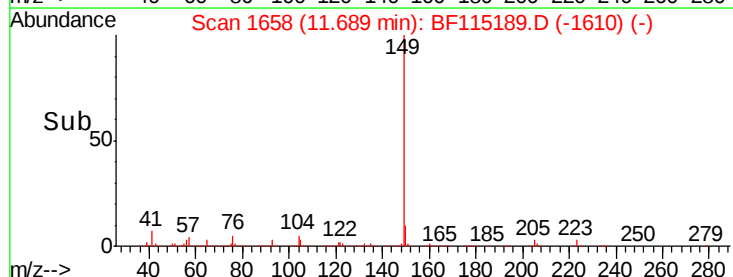
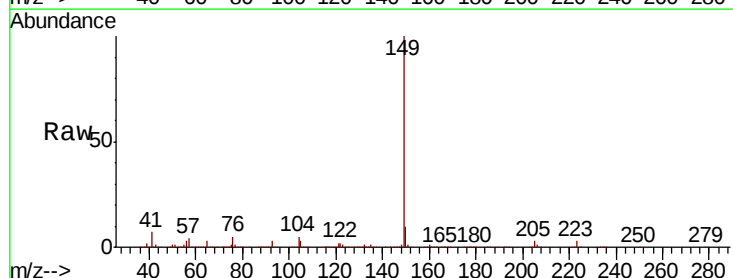
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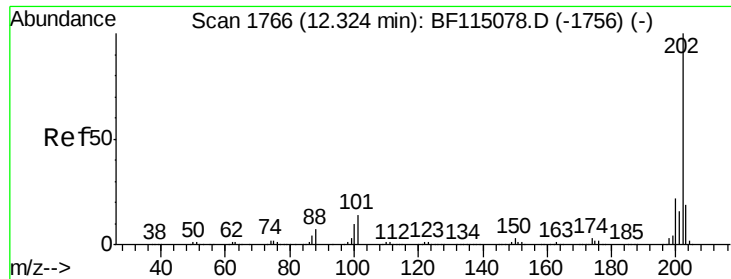


#74
 Di-n-butylphthalate
 Concen: 41.089 ng
 RT: 11.69 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BF115189.D
 Acq: 25 Jun 2019 16:01

Tgt Ion:149 Resp: 2488336

Ion	Ratio	Lower	Upper
149	100		
150	10.5	7.8	11.8
104	5.2	3.7	5.5





#75

Fluoranthene

Concen: 41.196 ng

RT: 12.32 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

Instrument :

BNA_F

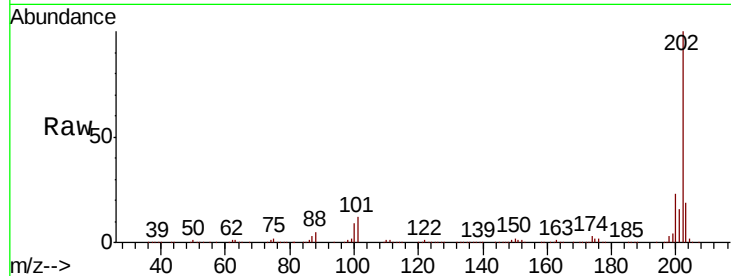
ClientSampleId :

PB120652BS

Tot Ion:	202	Resp:	2389729
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	34.0
203	18.8	0.0	38.8

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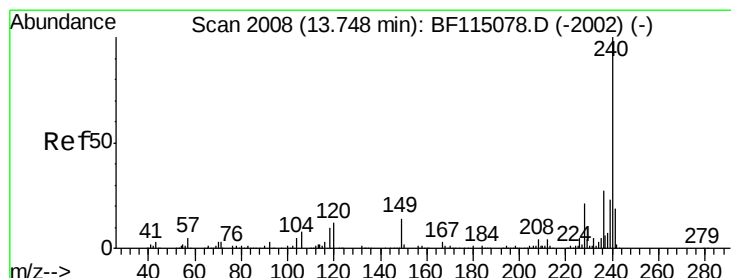
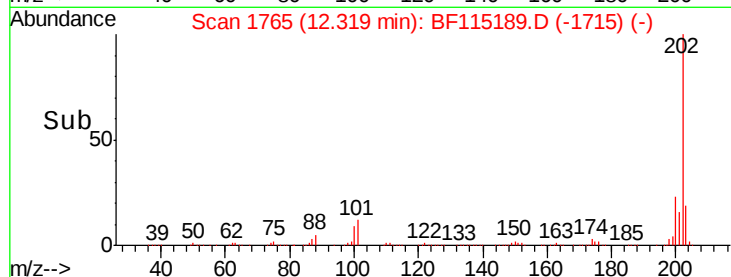
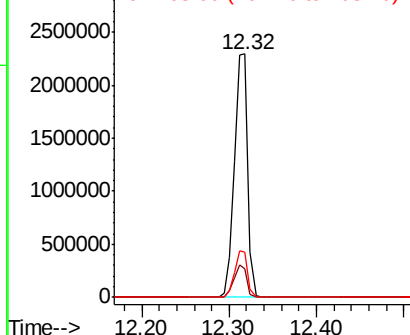


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

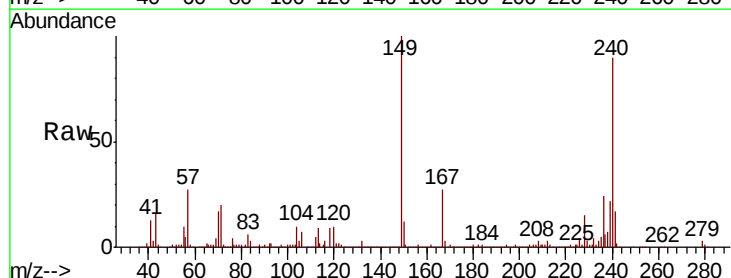
RT: 13.74 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

Tgt Ion:	240	Resp:	739785
Ion Ratio	Lower	Upper	
240	100		
120	10.8	9.4	14.2
236	27.2	21.7	32.5

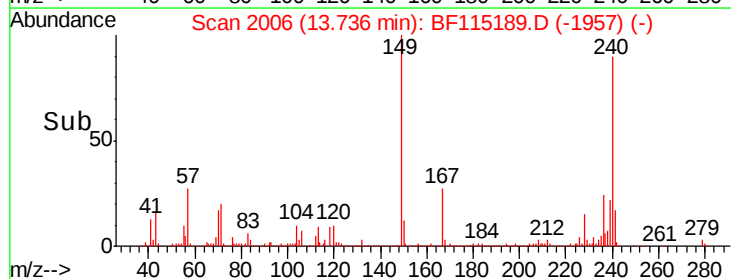
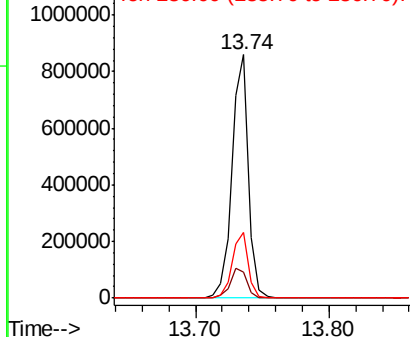


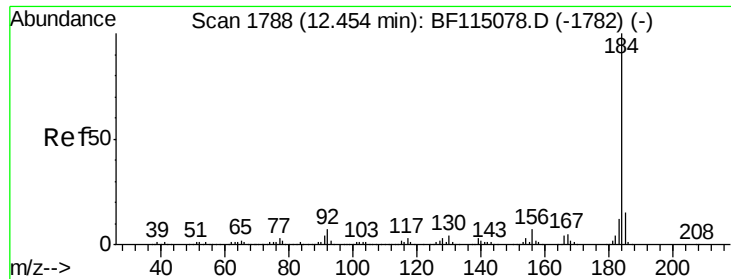
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 24.639 ng

RT: 12.44 min Scan# 1785

Delta R.T. -0.02 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

Instrument :

BNA_F

ClientSampleId :

PB120652BS

Tot Ion:184 Resp: 809388

Ion Ratio Lower Upper

184 100

185 15.5 12.2 18.2

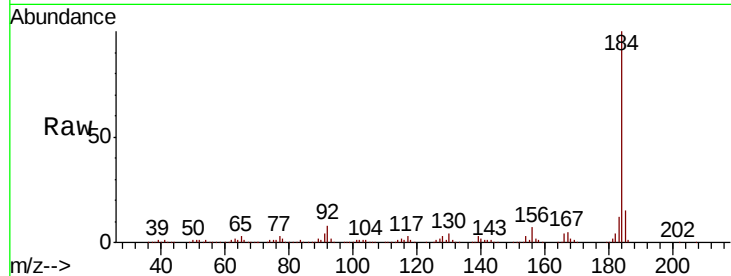
183 11.8 9.6 14.4

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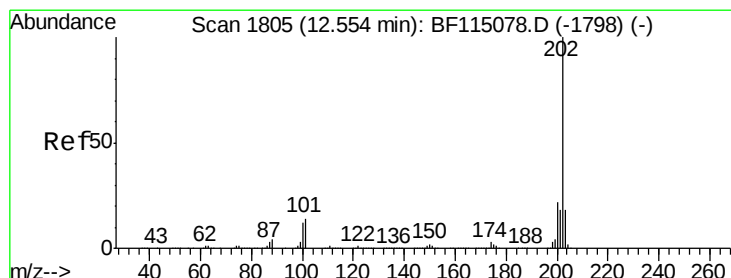
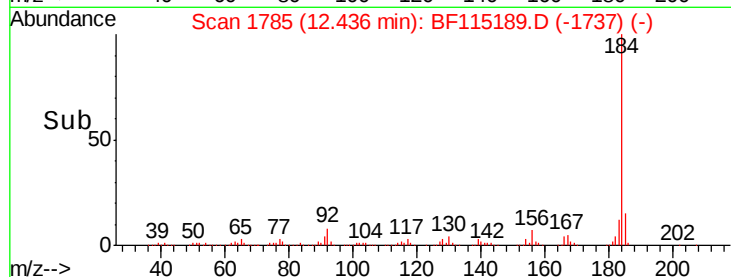
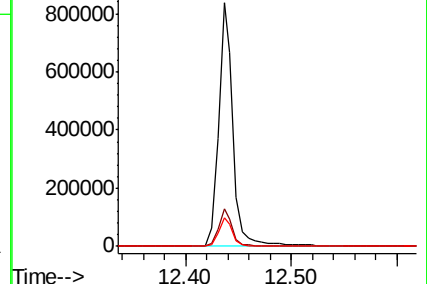
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.711 ng

RT: 12.54 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

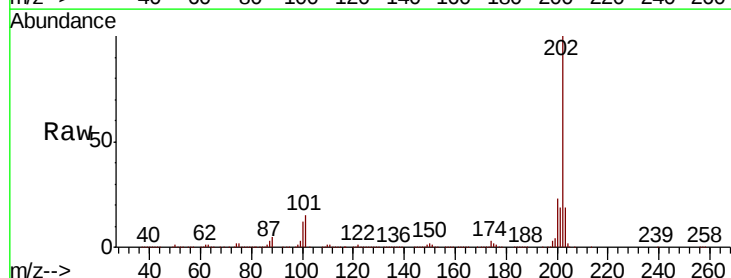
Tgt Ion:202 Resp: 2428234

Ion Ratio Lower Upper

202 100

200 23.2 17.9 26.9

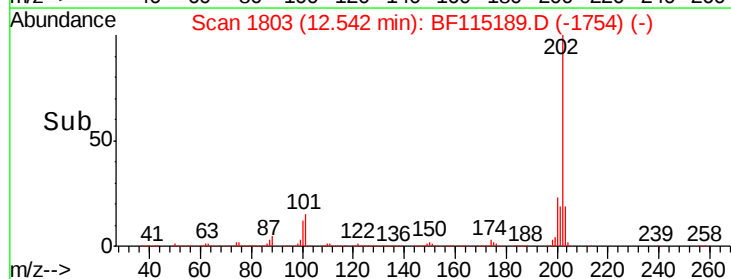
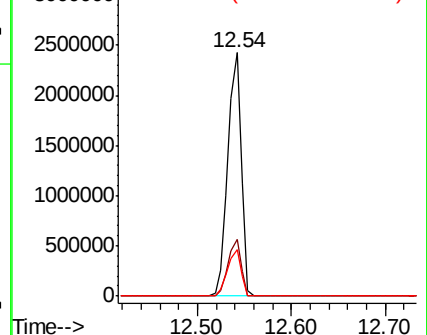
203 19.0 14.6 21.8

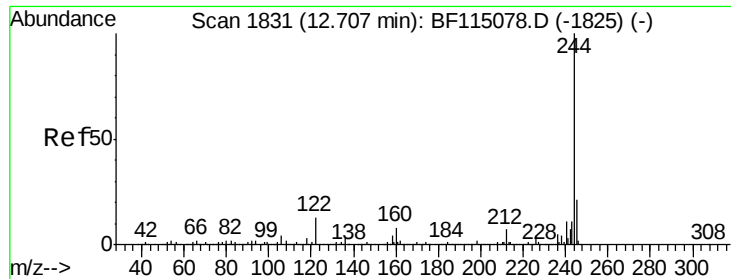


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.364 ng

RT: 12.69 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

Instrument :

BNA_F

ClientSampleId :

PB120652BS

Tot Ion:244 Resp: 2935388

Ion Ratio Lower Upper

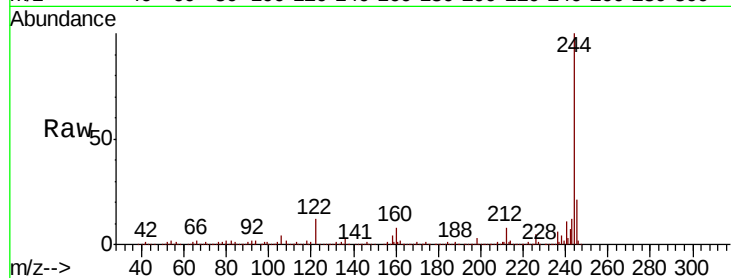
244 100

212 7.5 5.8 8.6

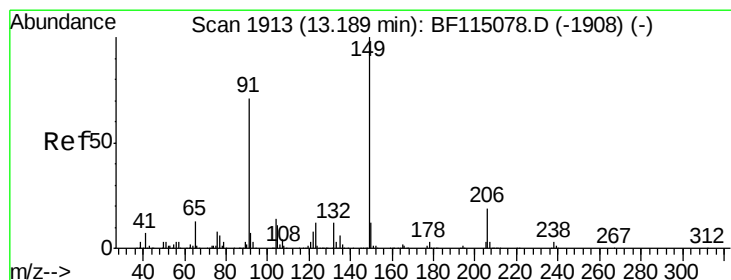
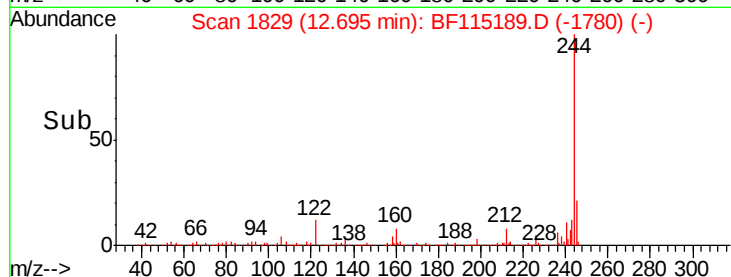
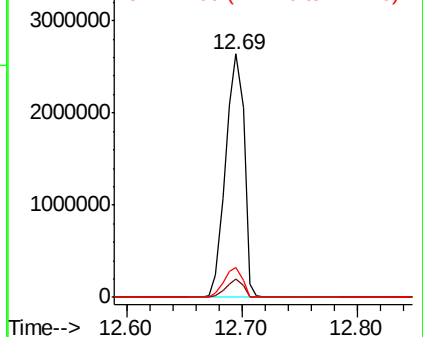
122 12.2 10.4 15.6

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.585 ng

RT: 13.18 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

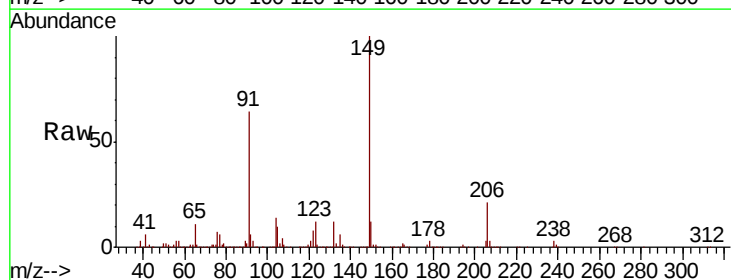
Tgt Ion:149 Resp: 1143710

Ion Ratio Lower Upper

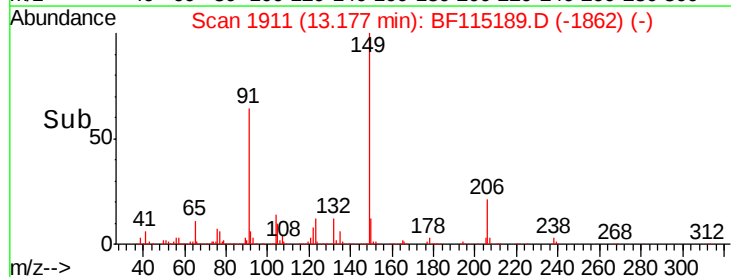
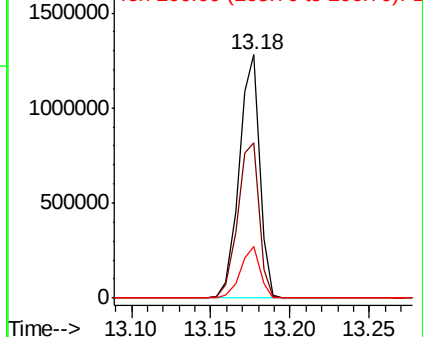
149 100

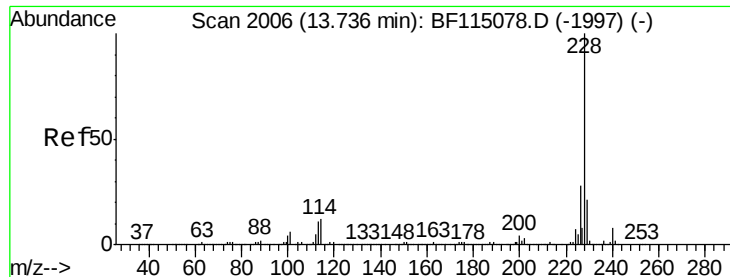
91 63.6 56.5 84.7

206 21.2 15.3 22.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.258 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

Instrument :

BNA_F

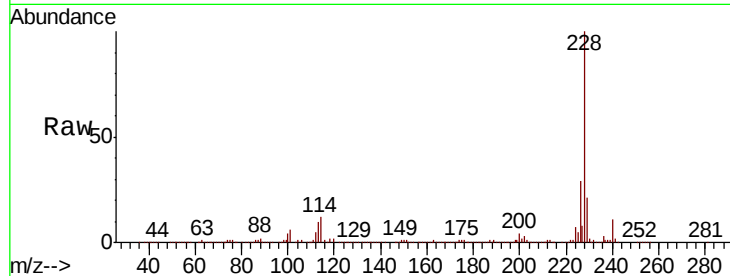
ClientSampled :

PB120652BS

Tot Ion:	228	Resp:	2243143
Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.5	33.7
229	21.0	16.6	24.8

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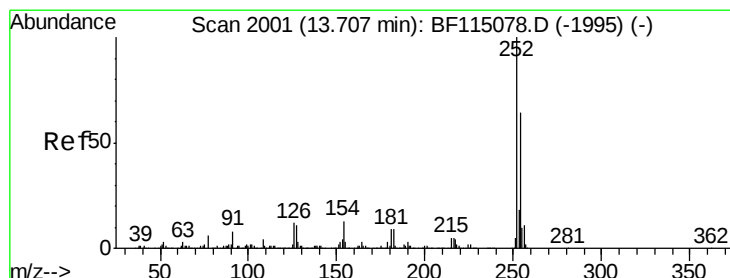
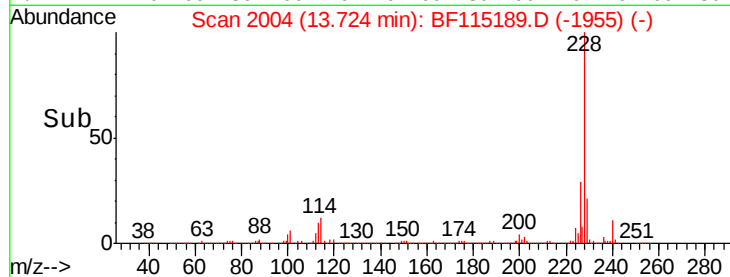
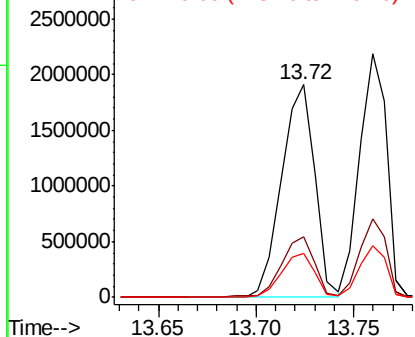


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 36.639 ng

RT: 13.69 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

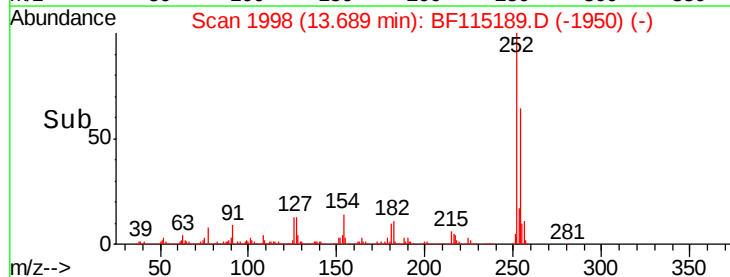
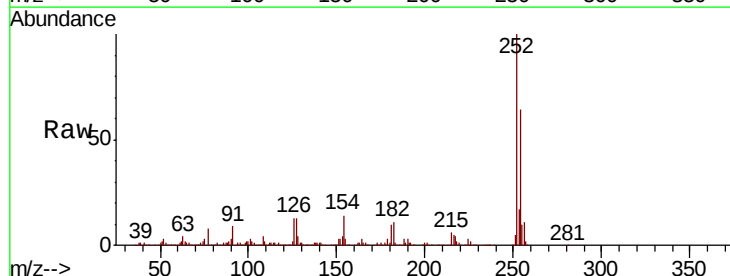
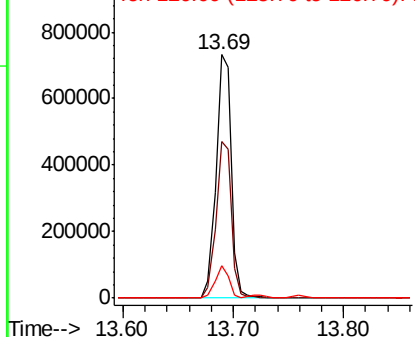
Tgt Ion:	252	Resp:	702325
Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.1	76.7
126	13.3	9.4	14.0

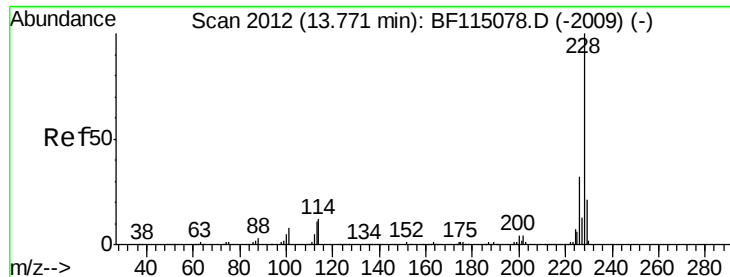
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





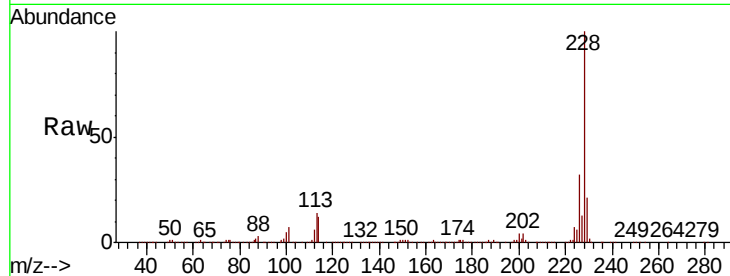
#83
 Chrvsene
 Concen: 43.527 ng
 RT: 13.76 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BF115189.D
 Acq: 25 Jun 2019 16:01

Instrument :
 BNA_F
 ClientSampleID :
 PB120652BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.4	38.0
229	21.2	16.5	24.7

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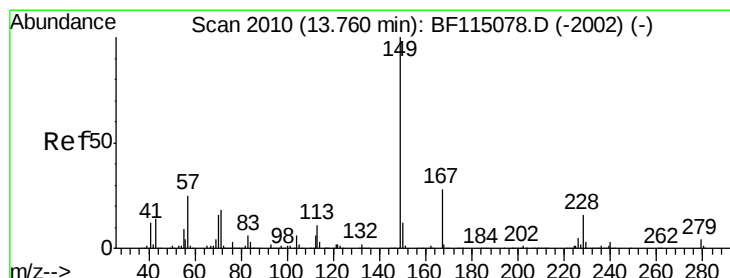
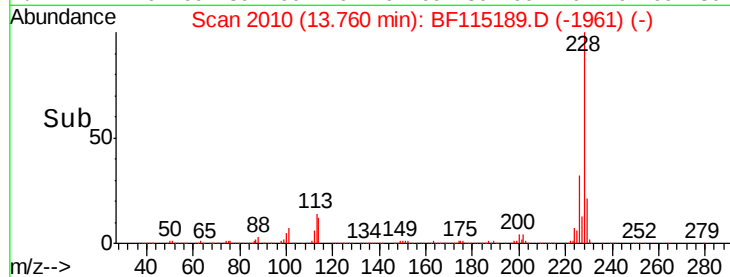
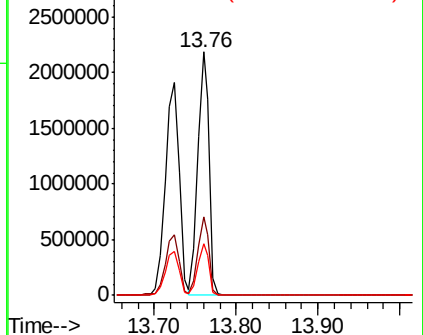


Abundance

Ion 228.00 (227.70 to 228.70): E

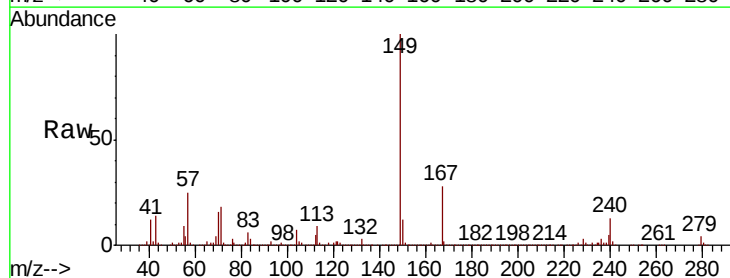
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.018 ng
 RT: 13.74 min Scan# 2007
 Delta R.T. -0.02 min
 Lab File: BF115189.D
 Acq: 25 Jun 2019 16:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.2	33.4
279	4.0	2.9	4.3

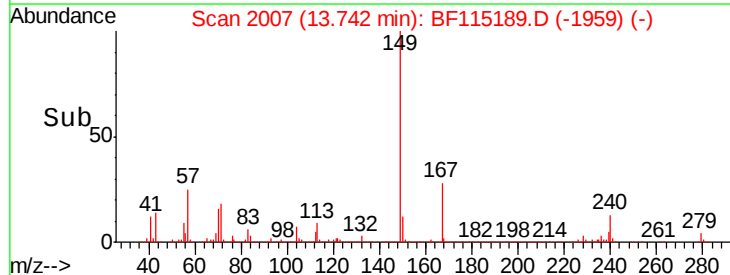
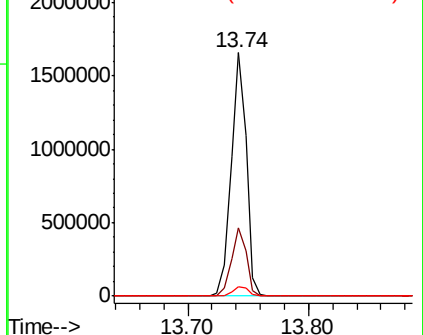


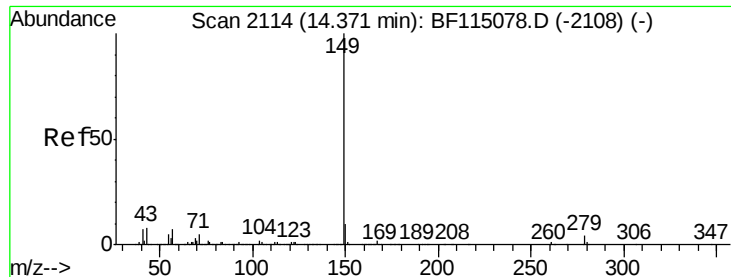
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





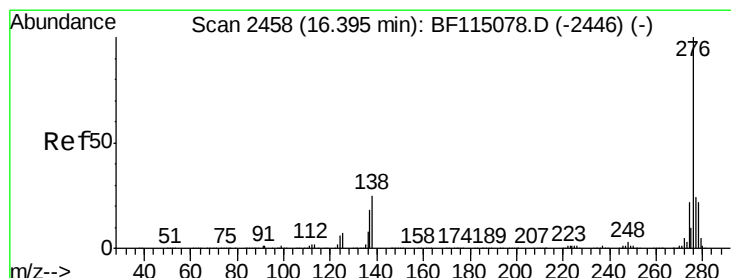
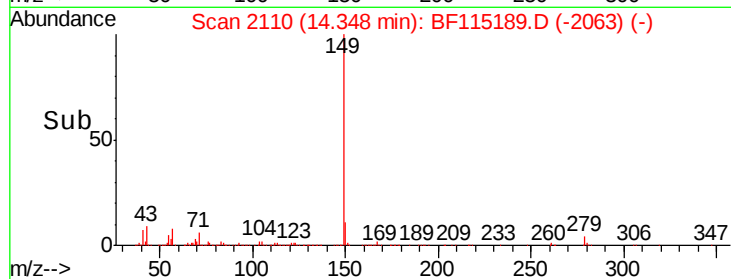
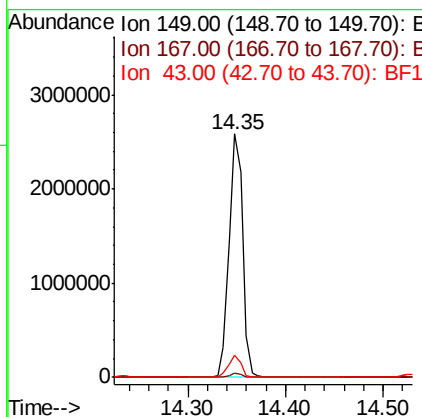
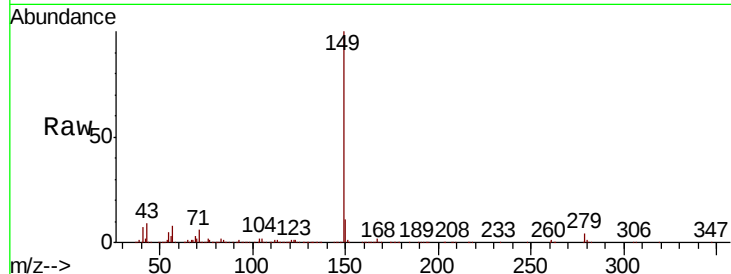
#85
Di-n-octyl phthalate
Concen: 45.262 ng
RT: 14.35 min Scan# 2110
Delta R.T. -0.02 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB120652BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	8.6	7.0	10.6

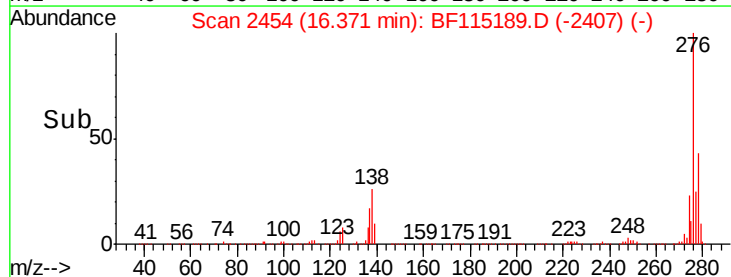
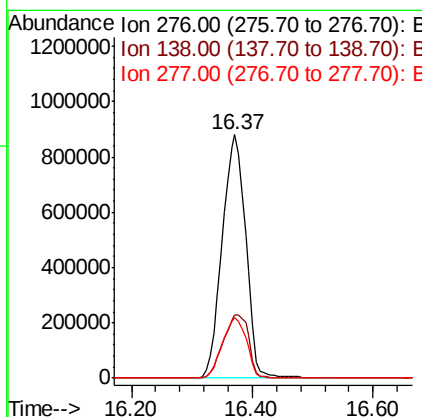
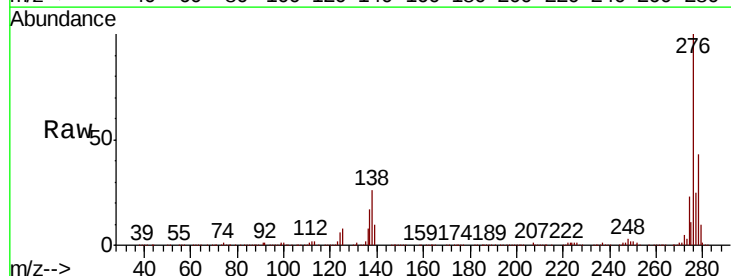
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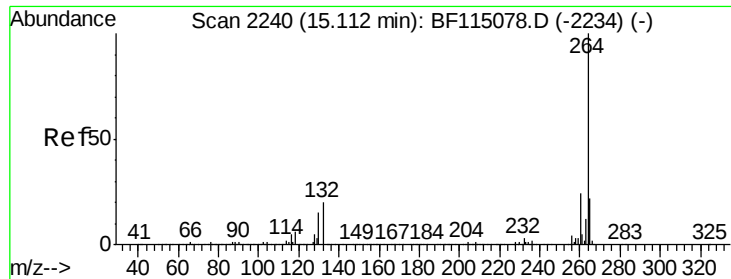
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#86
Indeno(1,2,3-cd)pyrene
Concen: 41.768 ng
RT: 16.37 min Scan# 2454
Delta R.T. -0.02 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.4	23.2	34.8
277	25.6	20.1	30.1





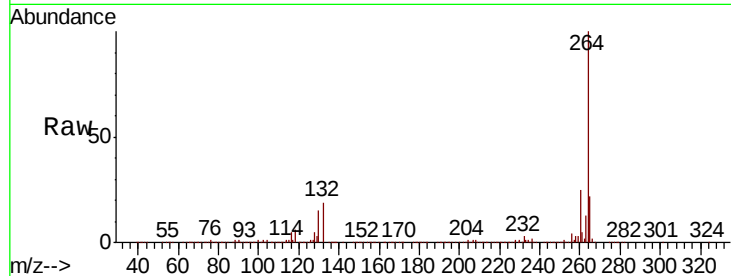
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.09 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB120652BS

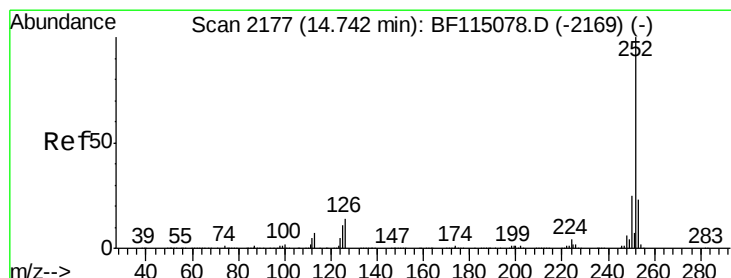
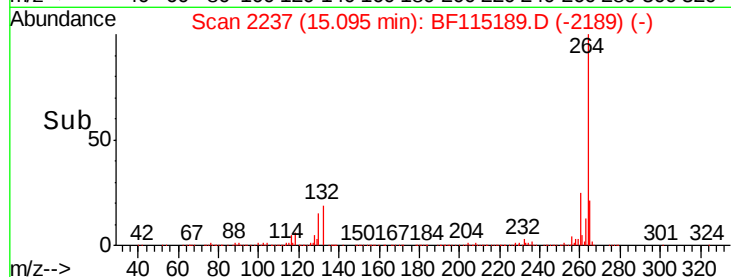
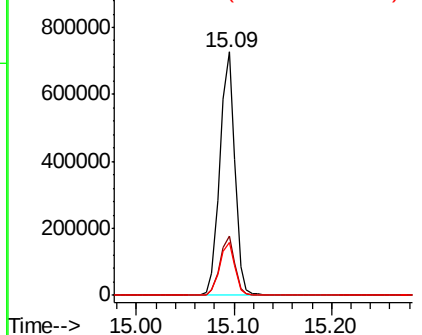
Tot Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	24.6	19.6	29.4		
265	21.6	17.3	25.9		

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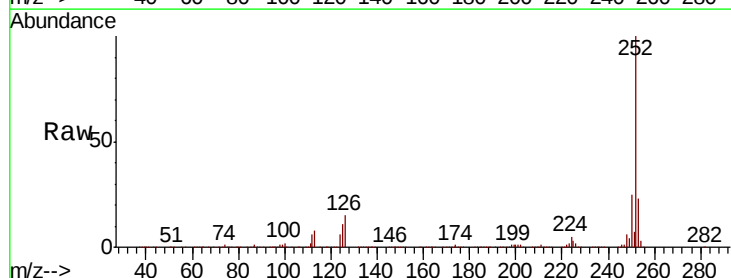


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

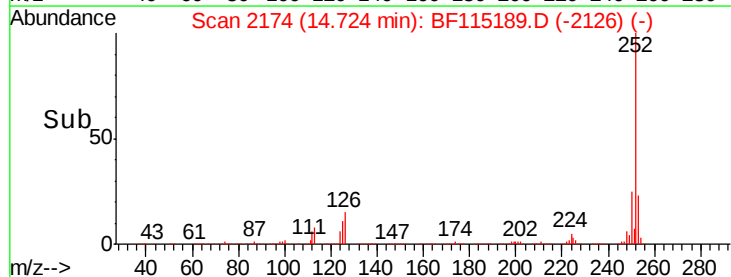
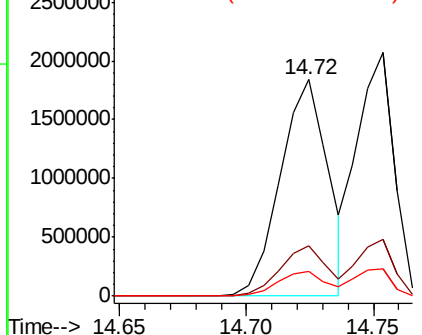


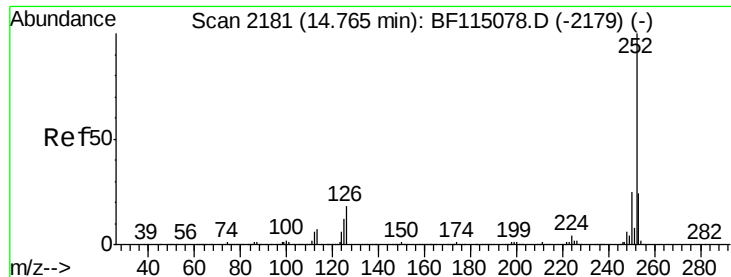
#88
Benzo(b)fluoranthene
Concen: 49.540 ng
RT: 14.72 min Scan# 2174
Delta R.T. -0.02 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
253	23.4	18.1	27.1		
125	11.4	8.7	13.1		



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





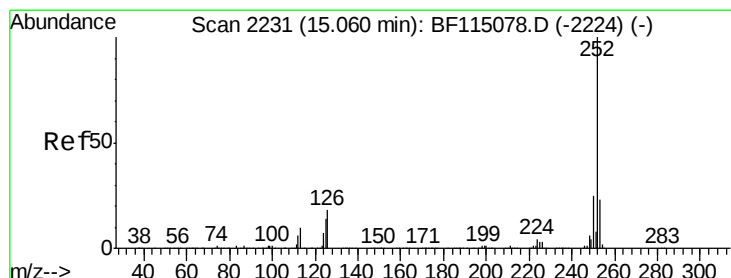
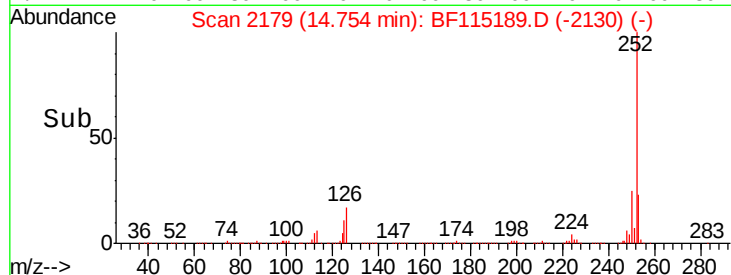
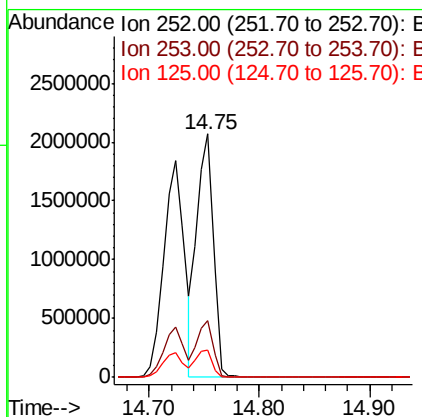
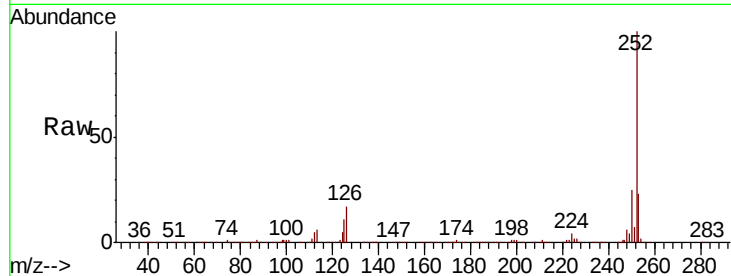
#89
Benzo(k)fluoranthene
Concen: 48.546 ng
RT: 14.75 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB120652BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.9	28.3
125	11.4	10.2	15.2

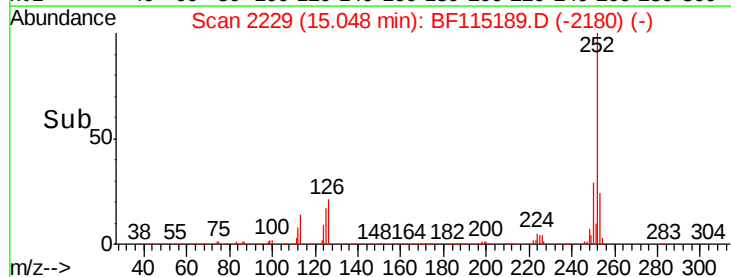
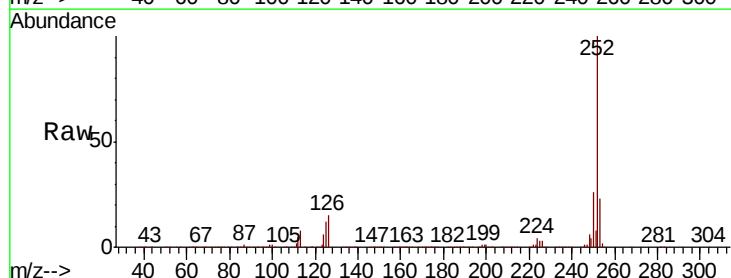
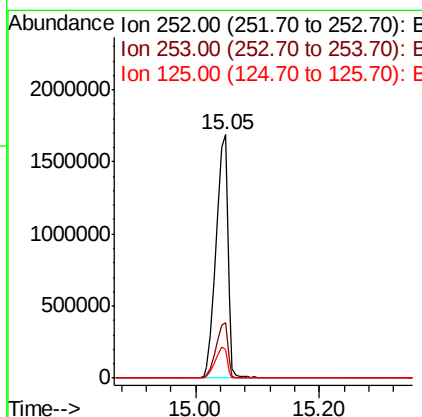
Manual Integrations
APPROVED

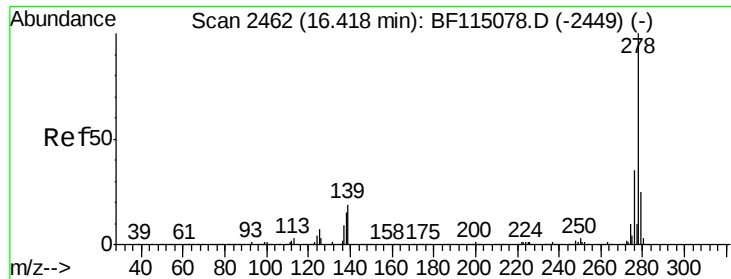
mohammad
6/26/2019 2:03:25 PM



#90
Benzo(a)pyrene
Concen: 50.328 ng
RT: 15.05 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.3	27.5
125	11.6	10.9	16.3





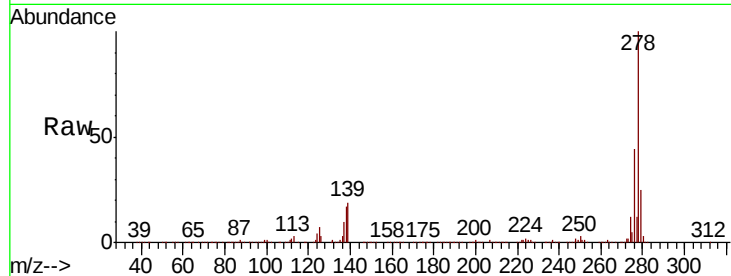
#91
Dibenzo(a,h)anthracene
Concen: 47.970 ng
RT: 16.39 min Scan# 2457
Delta R.T. -0.03 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB120652BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.8	15.4	23.2
279	25.1	19.9	29.9

Manual Integrations
APPROVED

mohammad
6/26/2019 2:03:25 PM

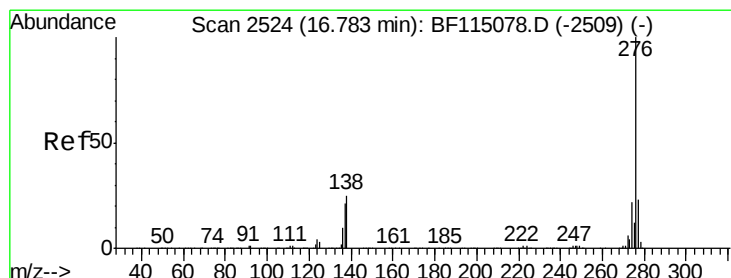
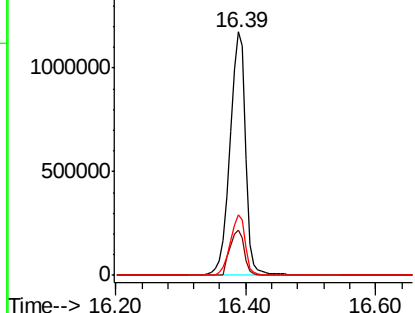
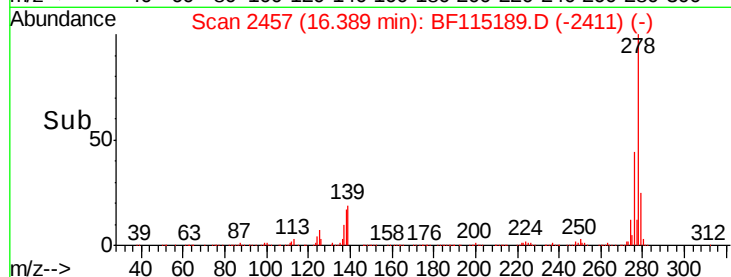


Abundance

Ion 278.00 (277.70 to 278.70): E

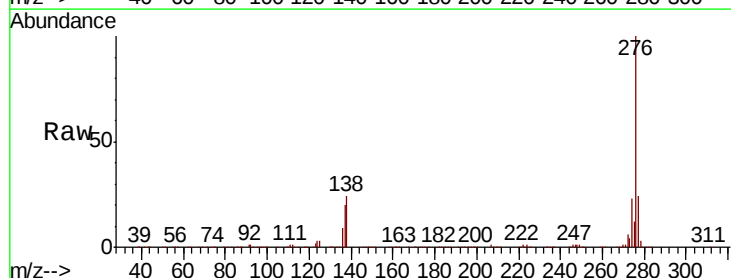
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 48.109 ng
RT: 16.75 min Scan# 2519
Delta R.T. -0.03 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	28.0
138	23.6	19.8	29.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

