

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
 Data File : BF115142.D
 Acq On : 24 Jun 2019 11:36
 Operator : HP/JU
 Sample : PB120777BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120777BS

Manual Integrations
 APPROVED

mohammad
 6/28/2019 8:25:02 AM

Quant Time: Jun 25 07:57:29 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	345721	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1372371	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	684209	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	1314671	20.00	ng	0.00
76) Chrysene-d12	13.74	240	859454	20.00	ng	-0.01
87) Perylene-d12	15.10	264	909130	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	2543901	113.55	ng	0.02
7) Phenol-d6	6.27	99	3111550	114.43	ng	0.01
23) Nitrobenzene-d5	7.18	82	1971927	88.39	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	901196	124.90	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	3477672	86.34	ng	0.00
79) Terphenyl-d14	12.70	244	3584833	88.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.31	88	361280	34.169	ng	99
3) Pyridine	2.97	79	994645	33.377	ng	98
4) n-Nitrosodimethylamine	2.91	42	449157	38.447	ng	99
6) Aniline	6.28	93	968137	25.905	ng	# 87
8) 2-Chlorophenol	6.41	128	1030899	40.923	ng	97
9) Benzaldehyde	6.15	77	205331	11.574	ng	100
10) Phenol	6.28	94	1184104	37.175	ng	97
11) bis(2-Chloroethyl)ether	6.36	93	949454	40.438	ng	99
12) 1,3-Dichlorobenzene	6.55	146	1085585	38.830	ng	98
13) 1,4-Dichlorobenzene	6.63	146	1100897	39.268	ng	99
14) 1,2-Dichlorobenzene	6.79	146	1014601	39.080	ng	99
15) Benzyl Alcohol	6.77	79	799912	40.399	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1380815	40.548	ng	99
17) 2-Methylphenol	6.88	107	882173	42.425	ng	98
18) Hexachloroethane	7.13	117	402309	39.804	ng	97
19) n-Nitroso-di-n-propylamine	7.05	70	695342	39.942	ng	99
20) 3+4-Methylphenols	7.04	107	991929	41.313	ng	# 88
22) Acetophenone	7.02	105	1382375	43.999	ng	# 96
24) Nitrobenzene	7.20	77	1065417	43.349	ng	95
25) Isophorone	7.44	82	2009008	43.959	ng	100
26) 2-Nitrophenol	7.51	139	604038	49.766	ng	99
27) 2,4-Dimethylphenol	7.56	122	984627	49.546	ng	98
28) bis(2-Chloroethoxy)methane	7.66	93	1246450	43.151	ng	99
29) 2,4-Dichlorophenol	7.75	162	921397	44.927	ng	96
30) 1,2,4-Trichlorobenzene	7.84	180	986957	43.568	ng	99
31) Naphthalene	7.92	128	2885448	42.832	ng	98
32) Benzoic acid	7.71	122	808445	56.991	ng	99
33) 4-Chloroaniline	7.97	127	732531	23.793	ng	99
34) Hexachlorobutadiene	8.04	225	529415	42.646	ng	97
35) Caprolactam	8.35	113	332286m	48.191	ng	
36) 4-Chloro-3-methylphenol	8.46	107	934655	45.001	ng	98
37) 2-Methylnaphthalene	8.61	142	2023808	44.556	ng	99
38) 1-Methylnaphthalene	8.71	142	1914864	44.141	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	823942	42.615	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	915672	79.869	nq	100
43) 2,4,6-Trichlorophenol	8.89	196	678498	45.455	nq	98
44) 2,4,5-Trichlorophenol	8.93	196	689306	44.842	nq	99
46) 1,1'-Biphenyl	9.07	154	2314090	42.269	nq	99
47) 2-Chloronaphthalene	9.10	162	1859910	41.882	nq	97
48) 2-Nitroaniline	9.19	65	567073	43.800	nq	92
49) Acenaphthylene	9.51	152	2862012	41.365	nq	97
50) Dimethylphthalate	9.38	163	2138466	42.482	nq	99
51) 2,6-Dinitrotoluene	9.44	165	521477	44.871	nq	93
52) Acenaphthene	9.68	154	1759371	40.637	nq	99
53) 3-Nitroaniline	9.60	138	407275	28.717	nq	98
54) 2,4-Dinitrophenol	9.71	184	561022	92.546	nq	98
55) Dibenzofuran	9.85	168	2495500	40.159	nq	97
56) 4-Nitrophenol	9.77	139	957177	84.185	nq	95
57) 2,4-Dinitrotoluene	9.84	165	681354	45.406	nq	93
58) Fluorene	10.19	166	1722235	41.049	nq	99
59) 2,3,4,6-Tetrachlorophenol	9.97	232	599278	46.493	nq	99
60) Diethylphthalate	10.08	149	2095265	41.408	nq	98
61) 4-Chlorophenyl-phenylether	10.18	204	825422	41.446	nq	95
62) 4-Nitroaniline	10.21	138	576354	40.510	nq	99
63) Azobenzene	10.35	77	1956402	41.394	nq	98
65) 4,6-Dinitro-2-methylphenol	10.24	198	330965	47.384	nq	92
66) n-Nitrosodiphenylamine	10.31	169	1781891	43.505	nq	99
67) 4-Bromophenyl-phenylether	10.67	248	622114	43.646	nq	98
68) Hexachlorobenzene	10.74	284	678928	43.882	nq	97
69) Atrazine	10.84	200	573123	43.499	nq	99
70) Pentachlorophenol	10.93	266	812934	82.477	nq	98
71) Phenanthrene	11.14	178	2831337	40.000	nq	99
72) Anthracene	11.20	178	2831560	39.629	nq	97
73) Carbazole	11.35	167	2631105	41.238	nq	98
74) Di-n-butylphthalate	11.70	149	3024748	41.026	nq	97
75) Fluoranthene	12.32	202	2935748	41.569	nq	99
77) Benzidine	12.44	184	936396	24.537	nq	99
78) Pyrene	12.55	202	2932426	44.397	nq	97
80) Butylbenzylphthalate	13.18	149	1425078	48.891	nq	98
81) Benzo(a)anthracene	13.72	228	2735673	44.361	nq	98
82) 3,3'-Dichlorobenzidine	13.69	252	921899	41.397	nq	99
83) Chrysene	13.77	228	2593025	45.903	nq	97
84) Bis(2-ethylhexyl)phthalate	13.75	149	1802726	47.200	nq	# 98
85) Di-n-octyl phthalate	14.36	149	3098119	48.279	nq	99
86) Benzo(1,2,3-cd)pyrene	16.38	276	2769586	41.433	nq	99
88) Benzo(b)fluoranthene	14.74	252	3041113	53.610	nq	98
89) Benzo(k)fluoranthene	14.76	252	2318042	45.566	nq	99
90) Benzo(a)pyrene	15.05	252	2593721	50.729	nq	99
91) Dibenzo(a,h)anthracene	16.41	278	2285934	47.891	nq	98
92) Benzo(g,h,i)perylene	16.77	276	2306841	47.750	nq	98

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



#1

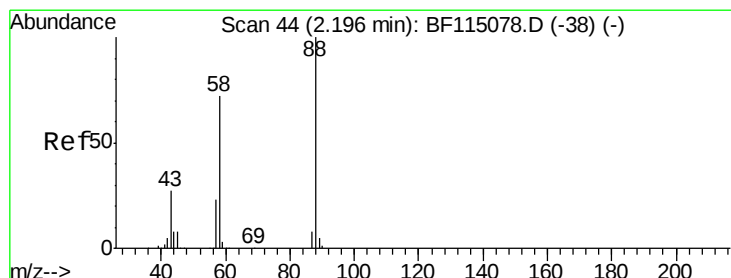
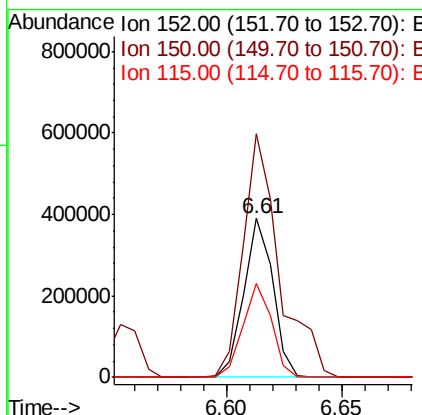
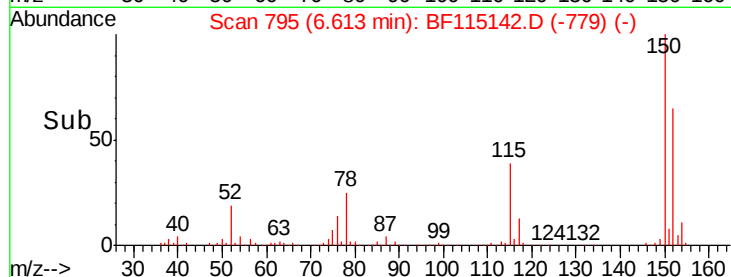
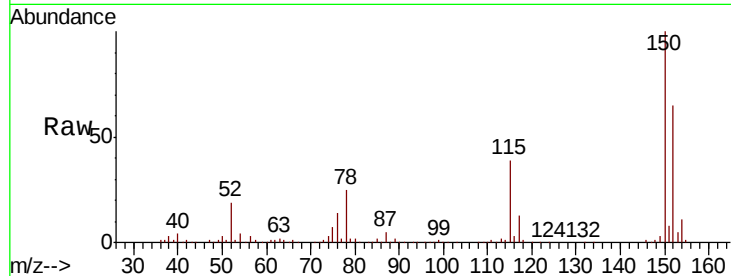
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.2	186.2
115	59.1	46.1	69.1

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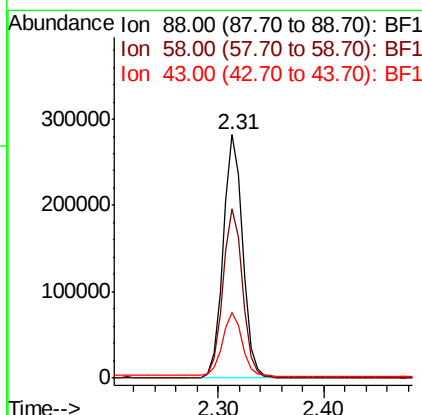
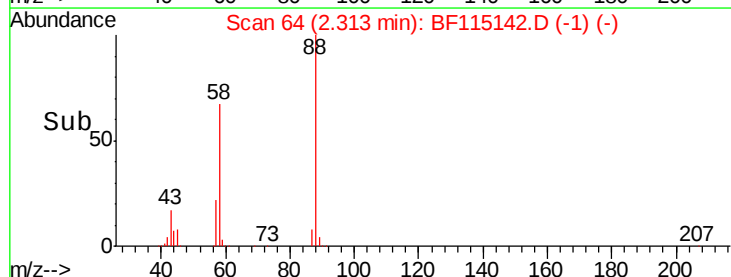
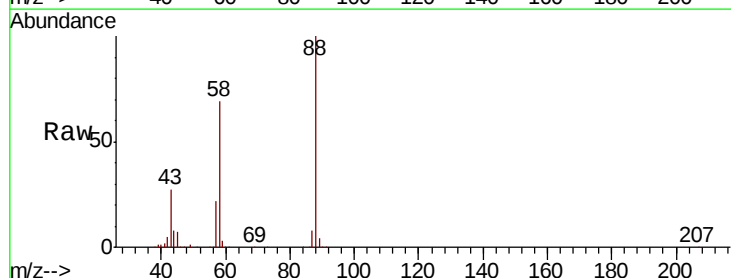
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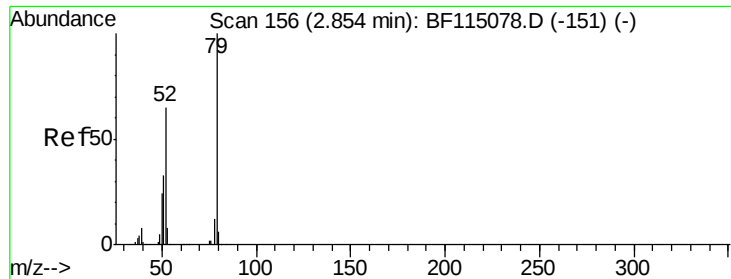


#2

1,4-Dioxane
Concen: 34.169 ng
RT: 2.31 min Scan# 64
Delta R.T. 0.12 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.1	56.1	84.1
43	27.8	21.3	31.9





#3

Pvridine

Concen: 33.377 ng

RT: 2.97 min Scan# 175

Delta R.T. 0.11 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Instrument :

BNA_F

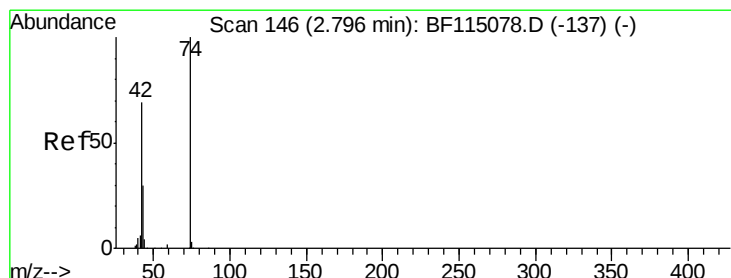
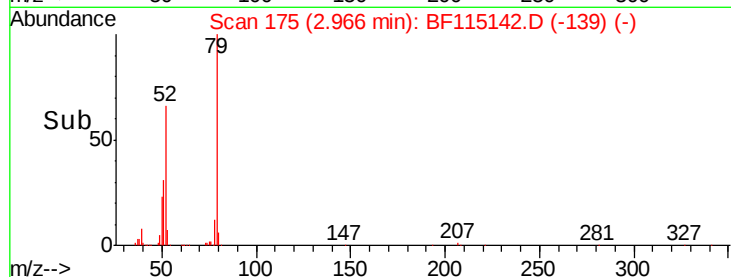
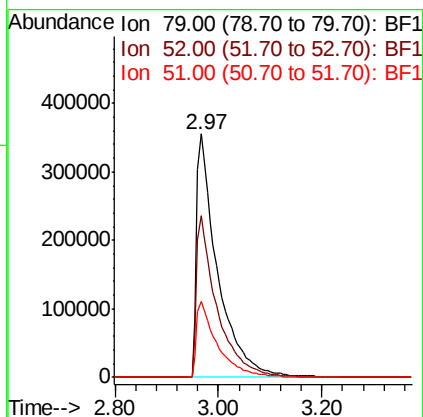
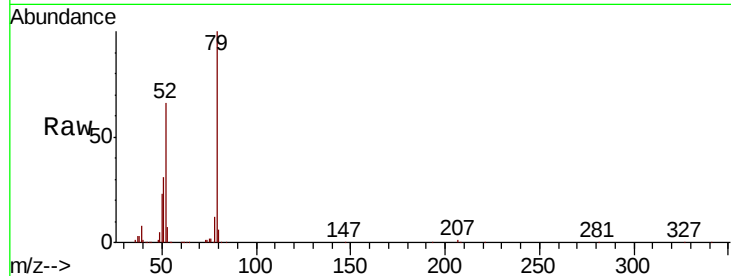
ClientSampleId :

PB120777BS

Tot Ion:	79	Resp:	994645
Ion Ratio	Lower	Upper	
79	100		
52	66.3	52.3	78.5
51	31.2	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 38.447 ng

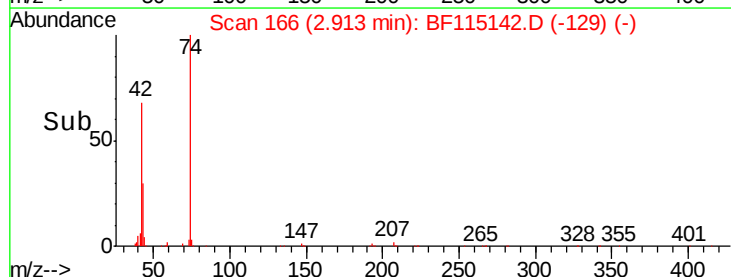
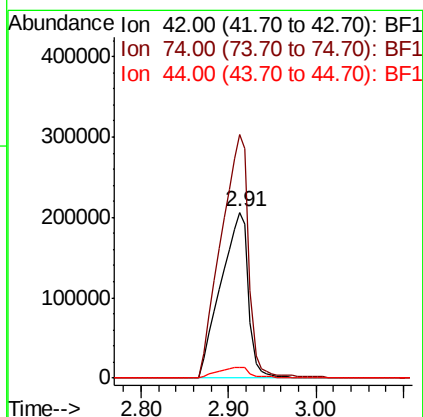
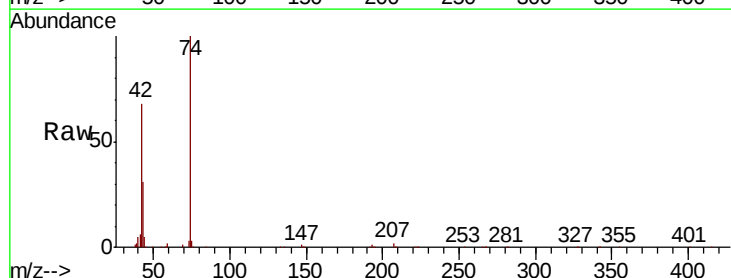
RT: 2.91 min Scan# 166

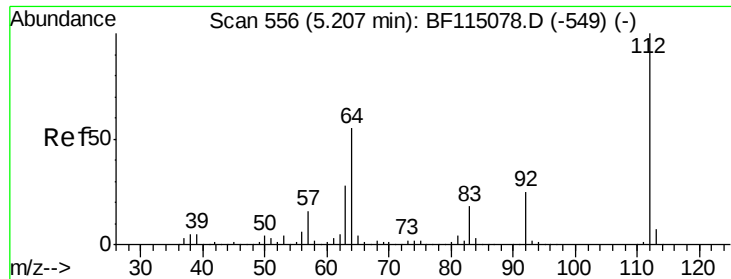
Delta R.T. 0.12 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Tgt Ion:	42	Resp:	449157
Ion Ratio	Lower	Upper	
42	100		
74	146.6	116.6	175.0
44	6.8	5.3	7.9





#5

2-Fluorophenol

Concen: 113.550 ng

RT: 5.23 min Scan# 560

Delta R.T. 0.02 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Instrument :

BNA_F

ClientSampled :

PB120777BS

Tot Ion:112 Resp: 2543901

Ion Ratio Lower Upper

112 100

64 56.0 43.8 65.6

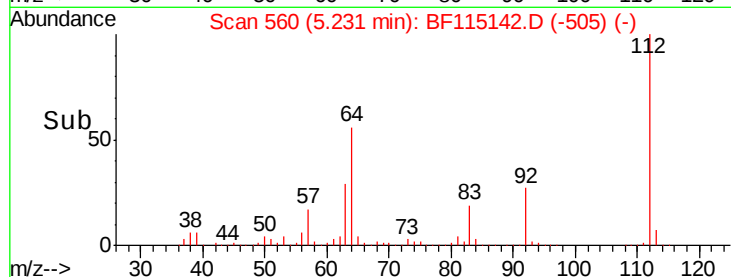
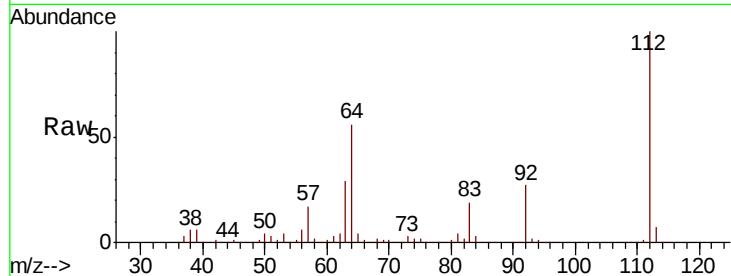
63 29.1 22.2 33.4

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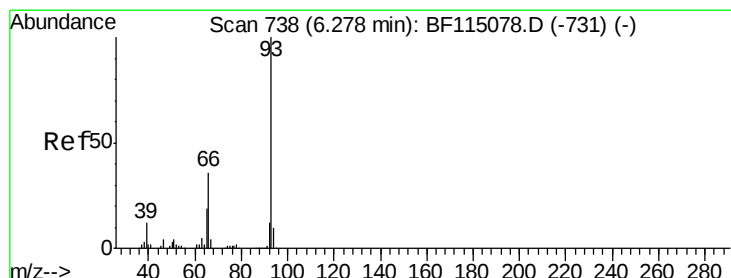
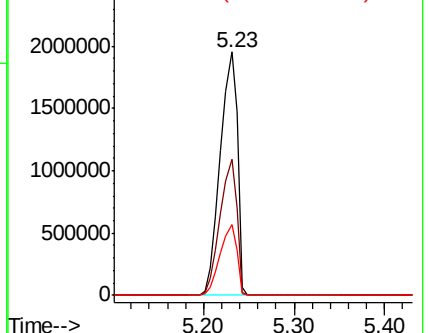
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.905 ng

RT: 6.28 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

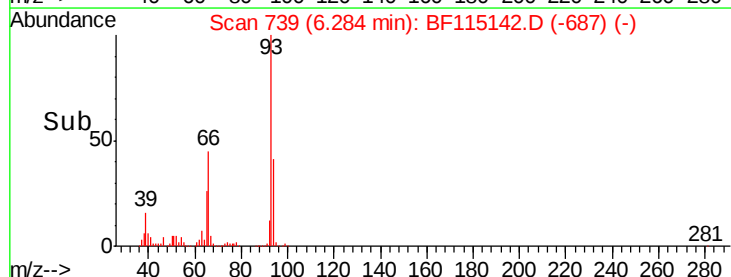
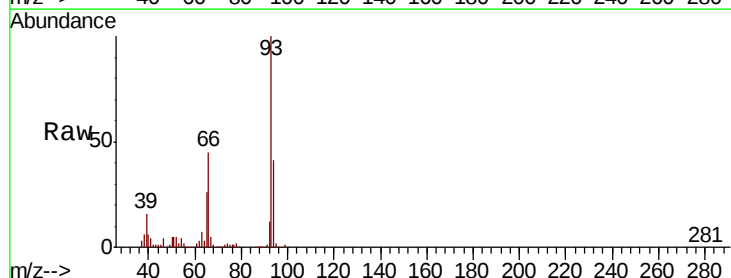
Tgt Ion: 93 Resp: 968137

Ion Ratio Lower Upper

93 100

66 45.5 30.0 45.0#

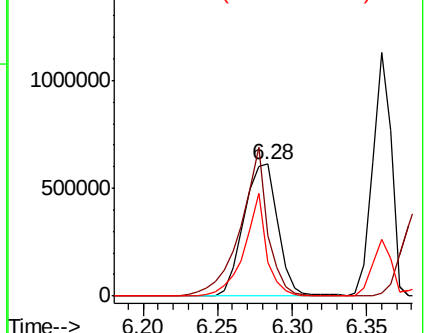
65 25.7 15.6 23.4#

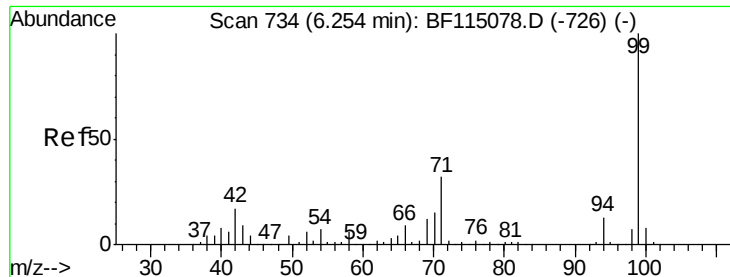


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 114.428 ng

RT: 6.27 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Instrument :

BNA_F

ClientSampleId :

PB120777BS

Tot Ion: 99 Resp: 3111550

Ion Ratio Lower Upper

99 100

42 17.7 13.6 20.4

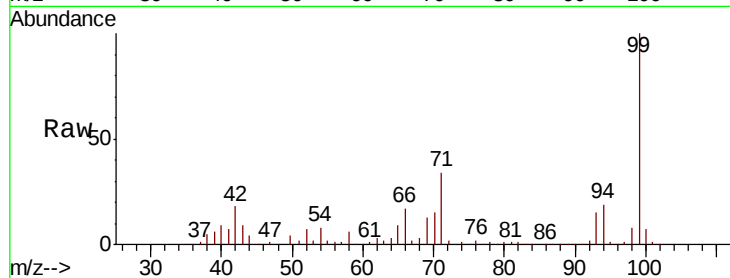
71 34.2 25.5 38.3

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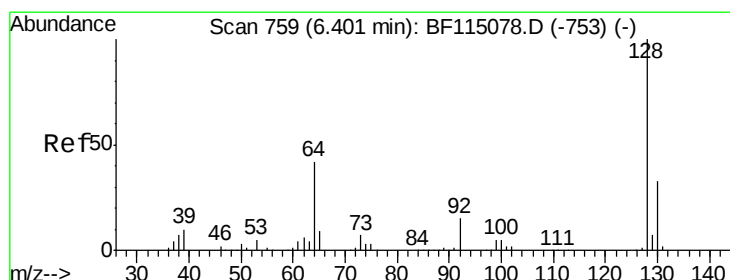
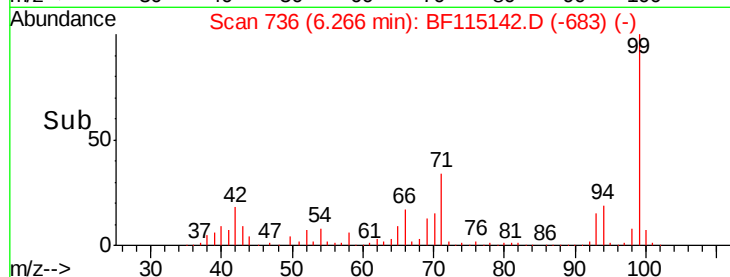
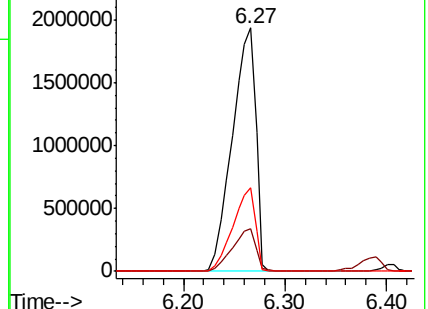
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.923 ng

RT: 6.41 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

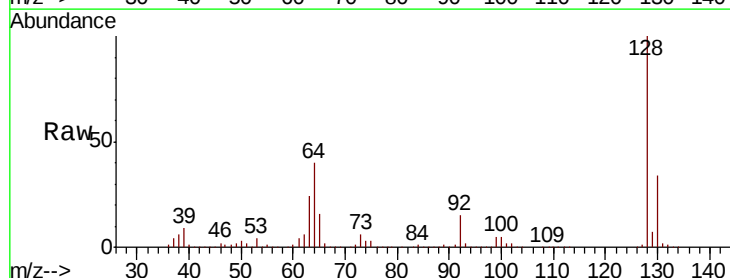
Tgt Ion:128 Resp: 1030899

Ion Ratio Lower Upper

128 100

130 33.8 12.9 52.9

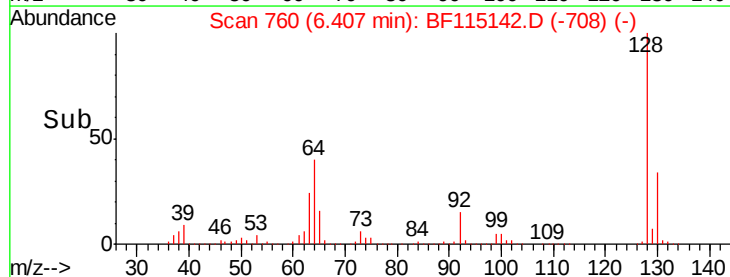
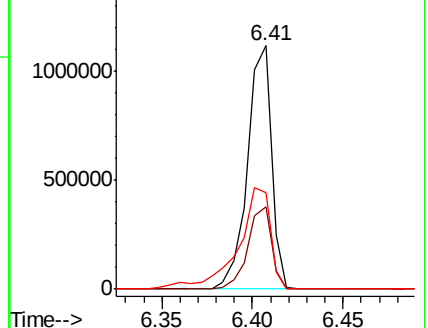
64 39.8 22.9 62.9

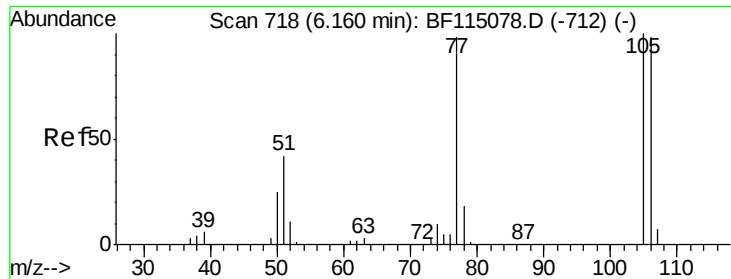


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 11.574 ng

RT: 6.15 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Instrument :

BNA_F

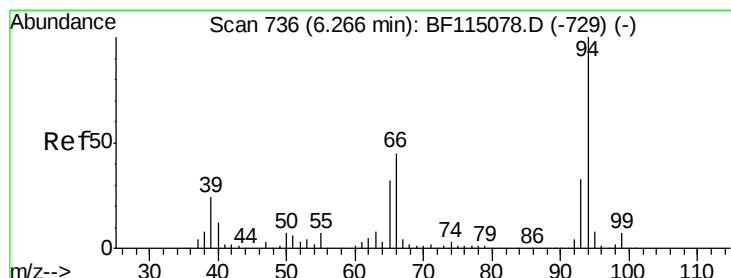
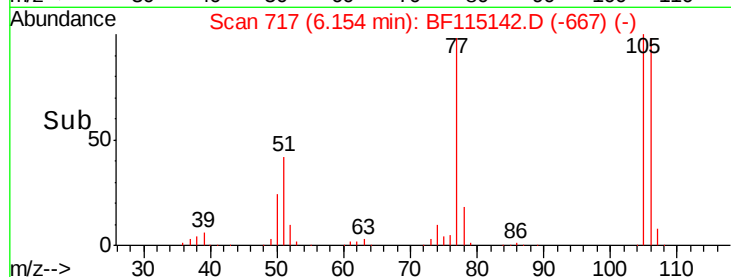
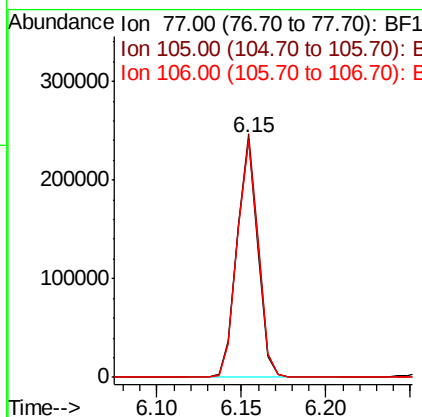
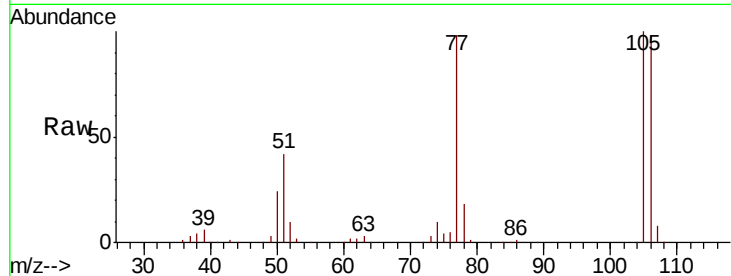
ClientSampleId :

PB120777BS

Tot Ion:	77	Resp:	205331
Ion	Ratio	Lower	Upper
77	100		
105	102.0	81.5	121.5
106	99.5	79.7	119.7

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#10

Phenol

Concen: 37.175 ng

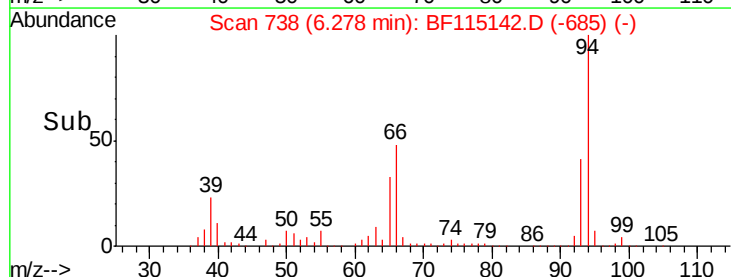
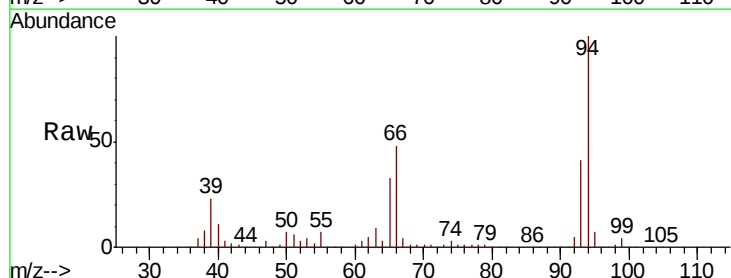
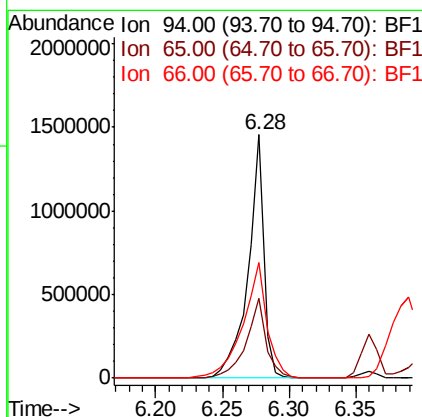
RT: 6.28 min Scan# 738

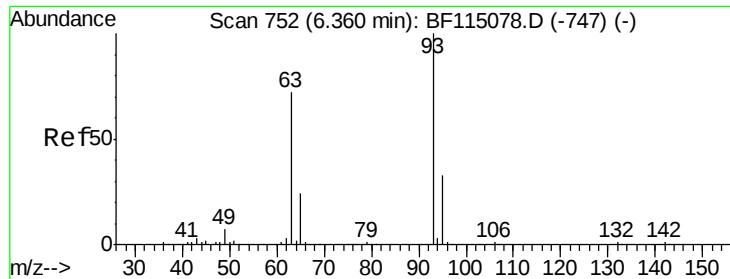
Delta R.T. 0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Tgt Ion:	94	Resp:	1184104
Ion	Ratio	Lower	Upper
94	100		
65	32.7	11.9	51.9
66	47.5	25.2	65.2





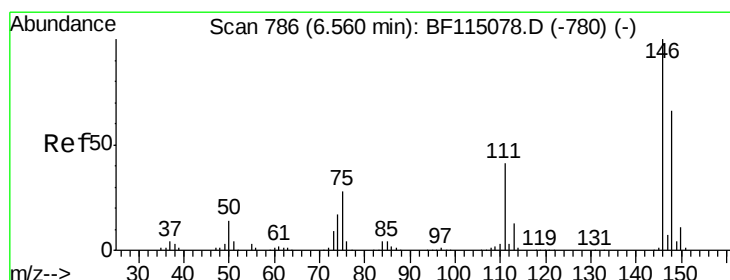
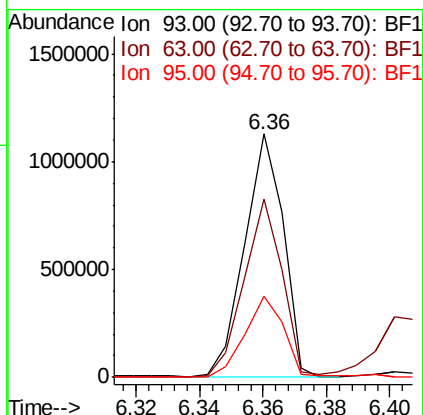
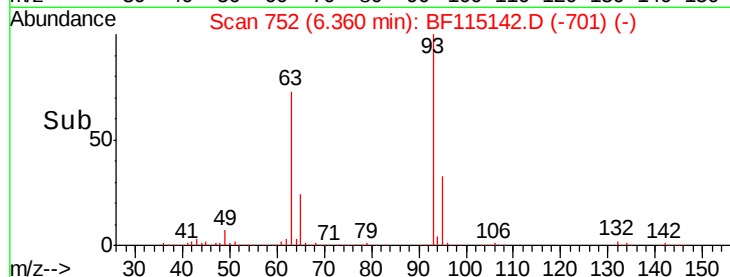
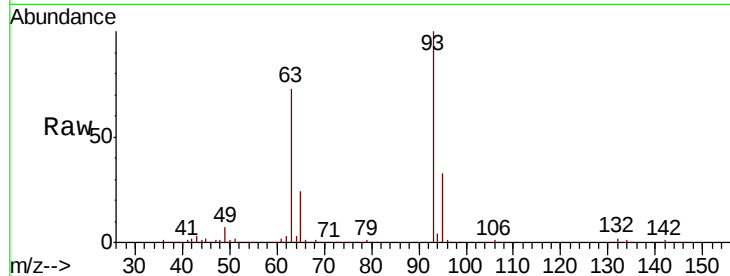
#11
bis(2-Chloroethyl)ether
Concen: 40.438 ng
RT: 6.36 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion:	93	Resp:	949454
Ion Ratio	Lower	Upper	
93	100		
63	73.1	51.5	91.5
95	33.2	13.4	53.4

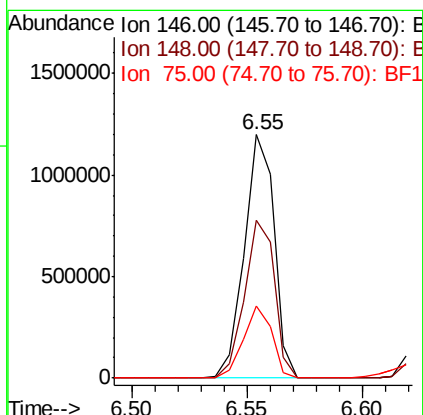
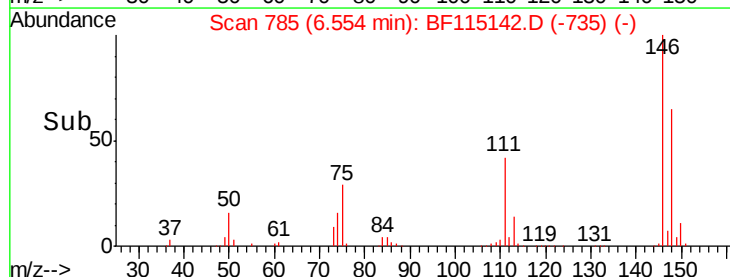
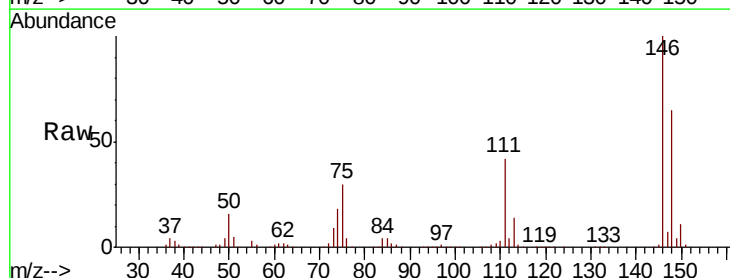
Manual Integrations
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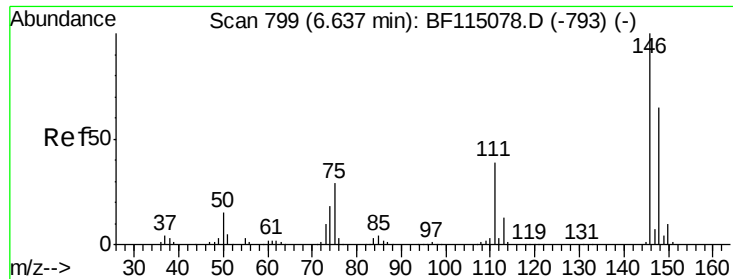
mohammad
6/28/2019 8:25:02 AM



#12
1,3-Dichlorobenzene
Concen: 38.830 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Tgt Ion:	146	Resp:	1085585
Ion Ratio	Lower	Upper	
146	100		
148	64.9	52.6	78.8
75	29.8	22.6	34.0





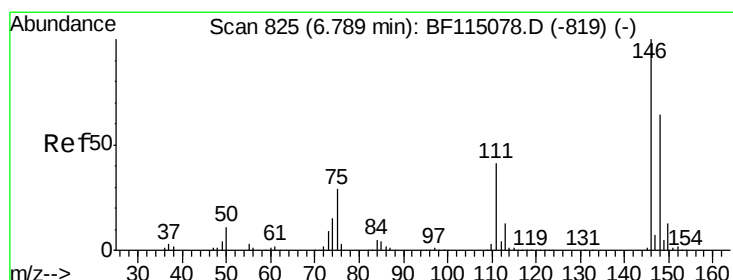
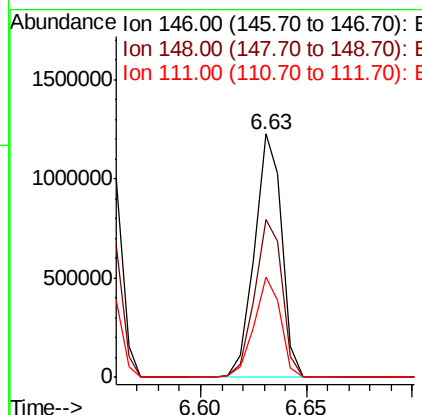
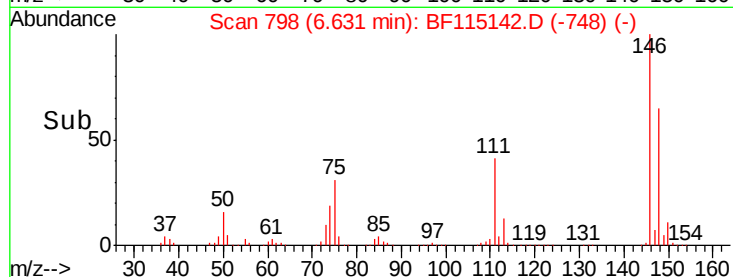
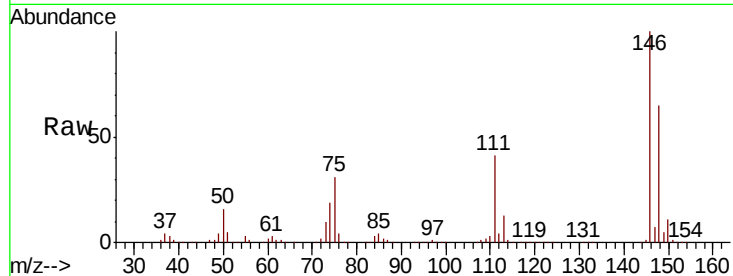
#13
1,4-Dichlorobenzene
Concen: 39.268 ng
RT: 6.63 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion:146 Resp: 1100897
Ion Ratio Lower Upper
146 100
148 64.8 51.9 77.9
111 41.1 31.4 47.0

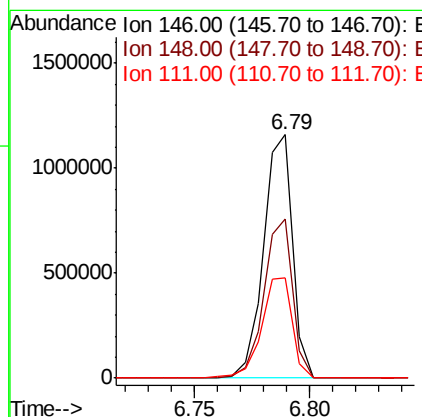
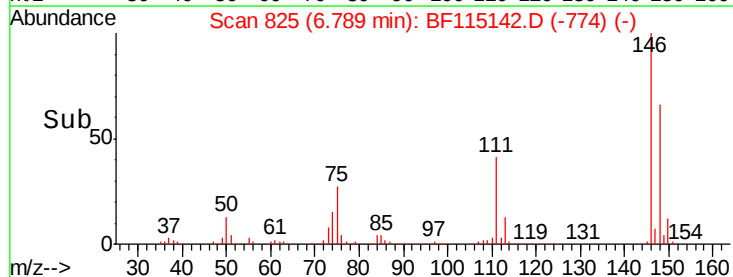
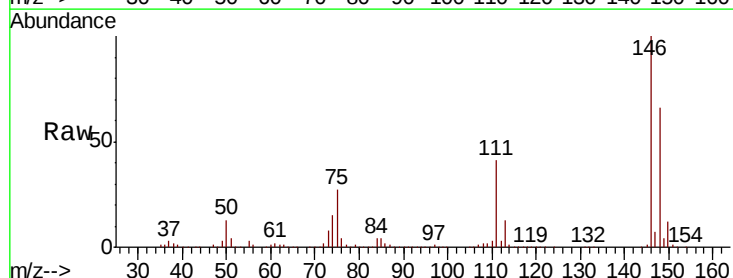
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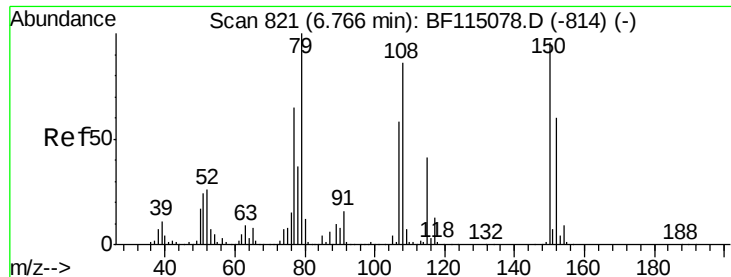
mohammad
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#14
1,2-Dichlorobenzene
Concen: 39.080 ng
RT: 6.79 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Tgt Ion:146 Resp: 1014601
Ion Ratio Lower Upper
146 100
148 65.6 51.1 76.7
111 41.3 33.2 49.8





#15

Benzyl Alcohol

Concen: 40.399 ng

RT: 6.77 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Instrument :

BNA_F

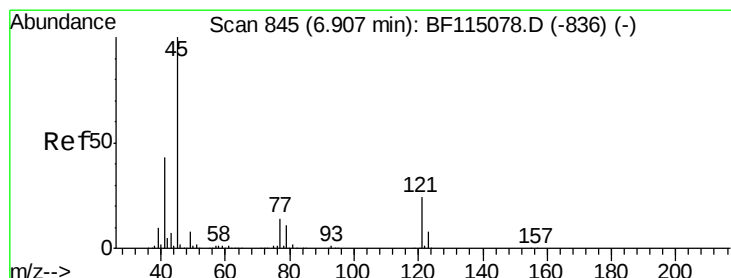
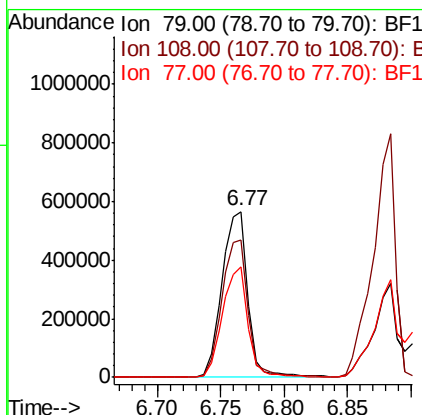
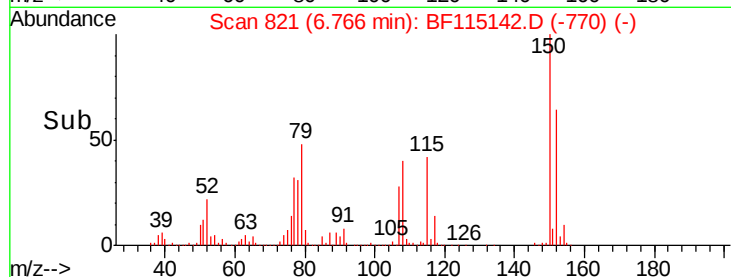
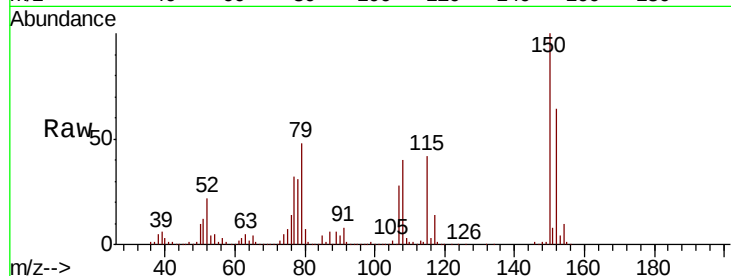
ClientSampled :

PB120777BS

Tot Ion:	79	Resp:	799912
Ion Ratio	Lower	Upper	
79	100		
108	83.2	68.7	103.1
77	66.4	51.7	77.5

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.548 ng

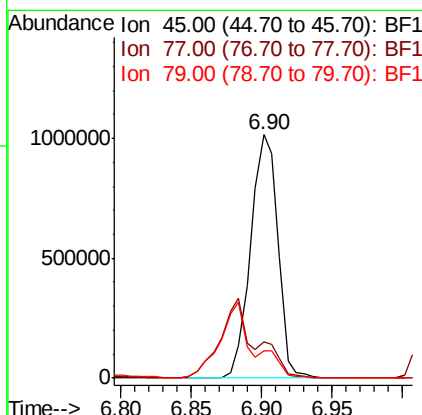
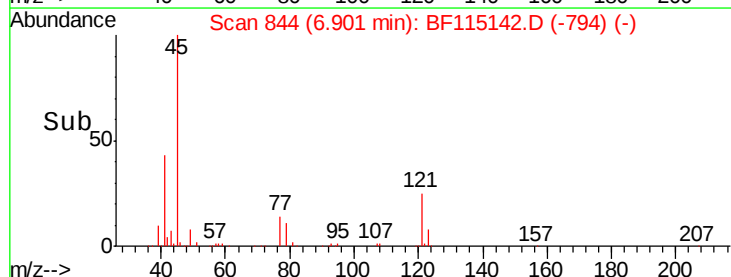
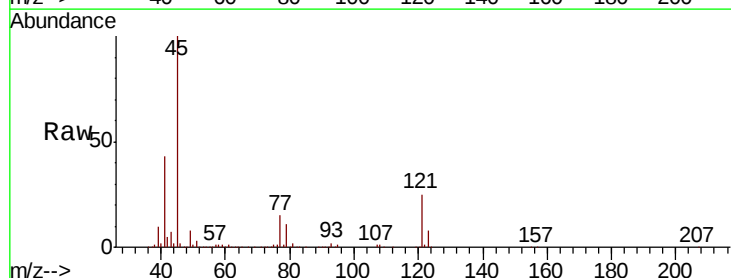
RT: 6.90 min Scan# 844

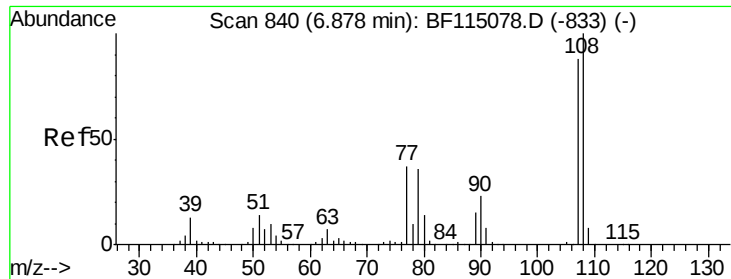
Delta R.T. -0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Tgt Ion:	45	Resp:	1380815
Ion Ratio	Lower	Upper	
45	100		
77	15.1	0.0	34.6
79	11.4	0.0	31.2





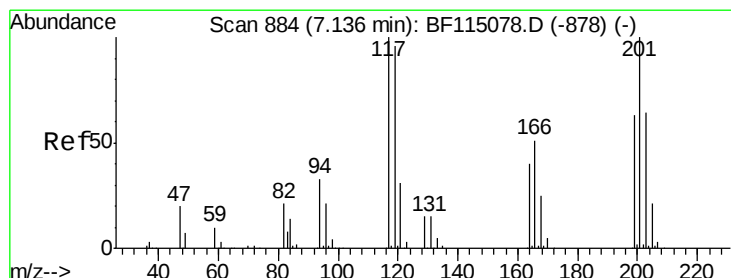
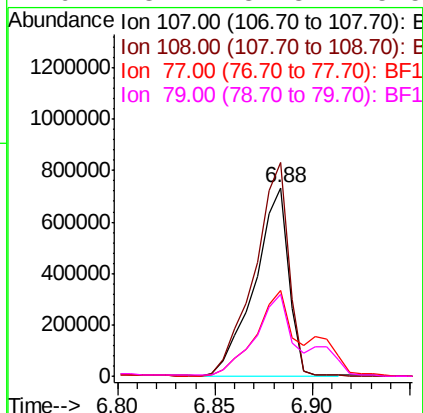
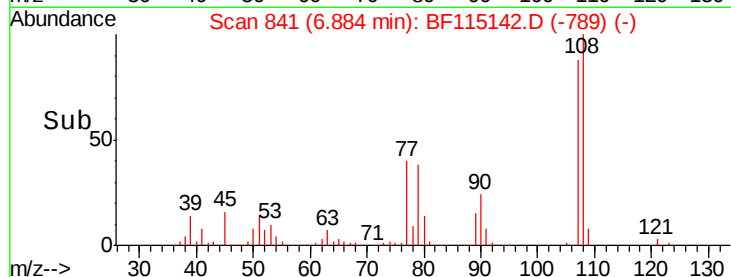
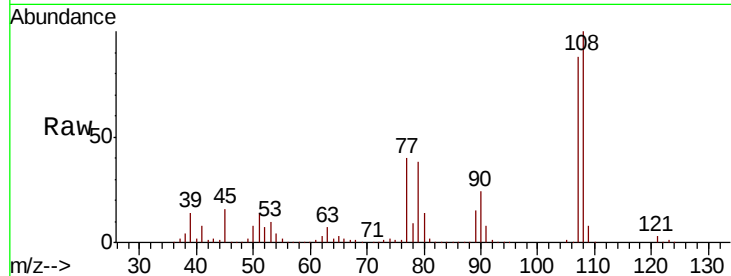
#17
2-Methylphenol
Concen: 42.425 ng
RT: 6.88 min Scan# 841
Delta R.T. 0.01 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	107	Resp	882173
Ion Ratio	Lower	Upper	
107	100		
108	113.2	90.9	136.3
77	45.2	33.4	50.2
79	43.4	32.3	48.5

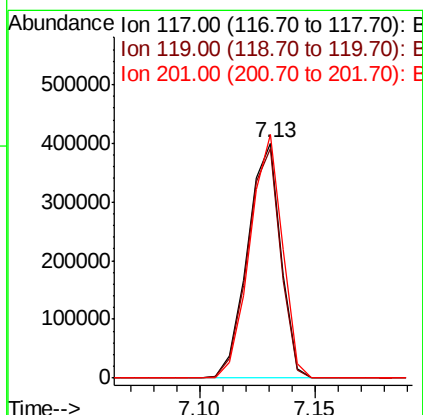
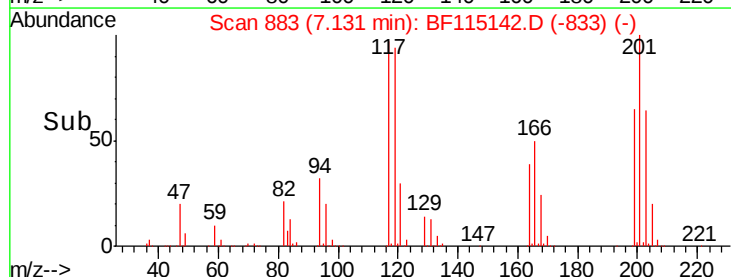
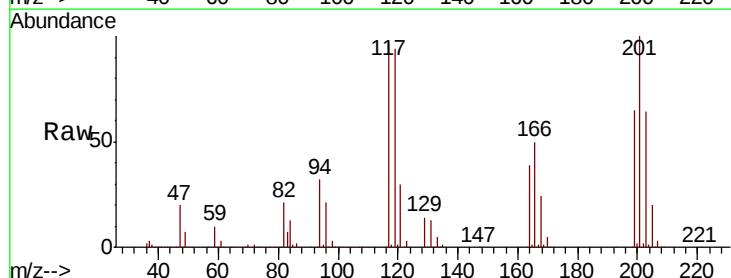
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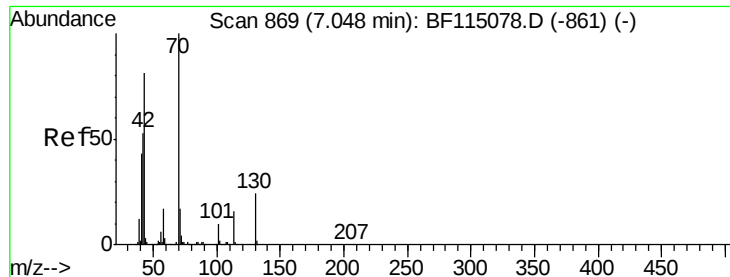
mohammad
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#18
Hexachloroethane
Concen: 39.804 ng
RT: 7.13 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Tgt Ion	117	Resp	402309
Ion Ratio	Lower	Upper	
117	100		
119	97.4	76.6	114.8
201	103.6	80.2	120.2





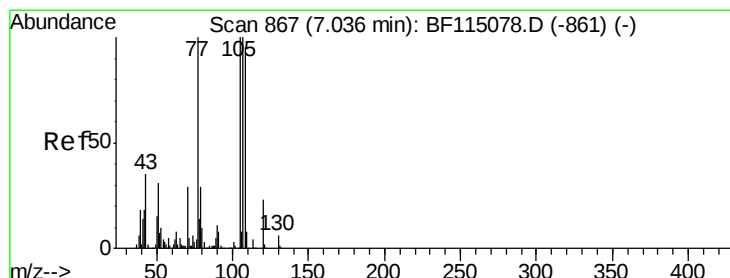
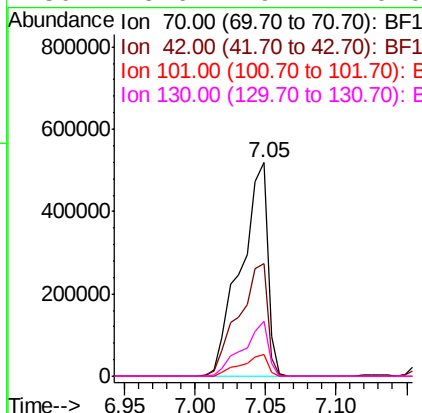
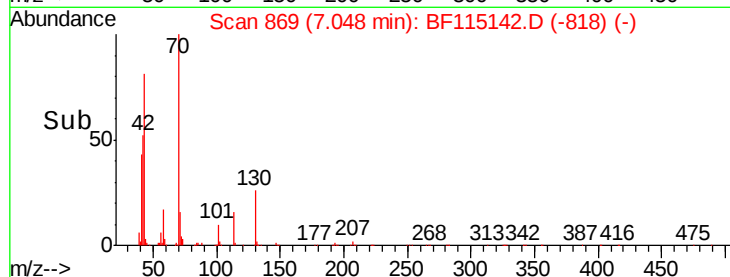
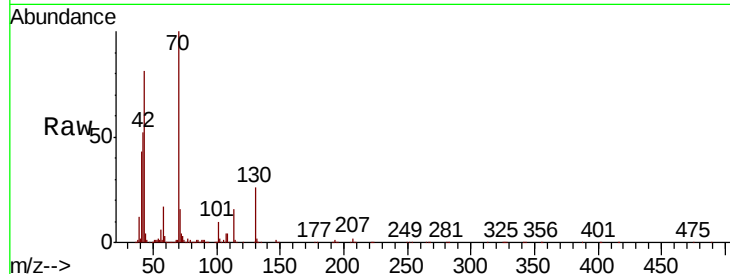
#19
n-Nitroso-di-n-propylamine
Concen: 39.942 ng
RT: 7.05 min Scan# 869
Delta R.T. 0.00 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.5	42.6	63.8	
101	10.0	8.0	12.0	
130	25.6	19.4	29.0	

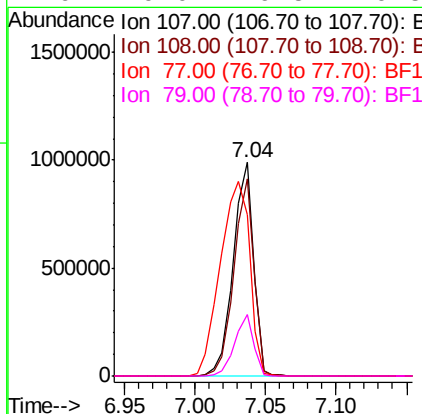
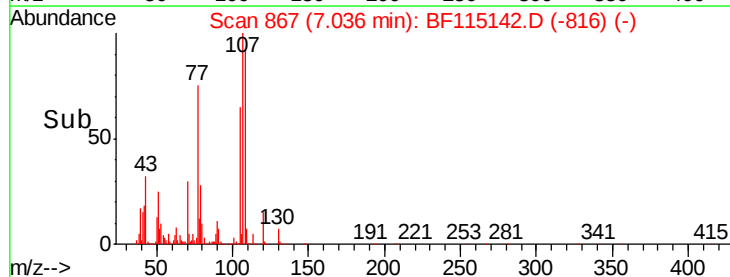
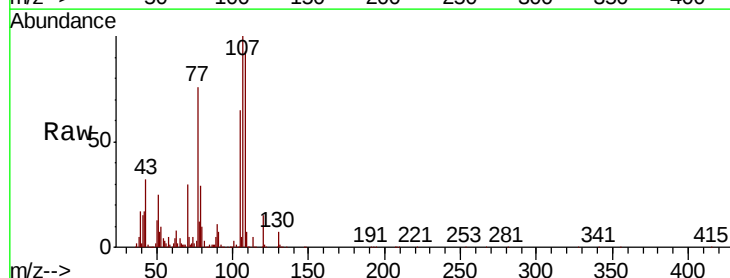
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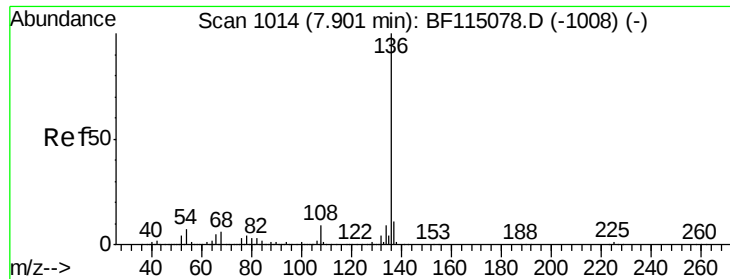
mohammad
6/28/2019 8:25:02 AM



#20
3+4-Methylphenols
Concen: 41.313 ng
RT: 7.04 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.5	75.5	115.5	
77	75.6	80.2	120.2	
79	29.0	9.5	49.5	





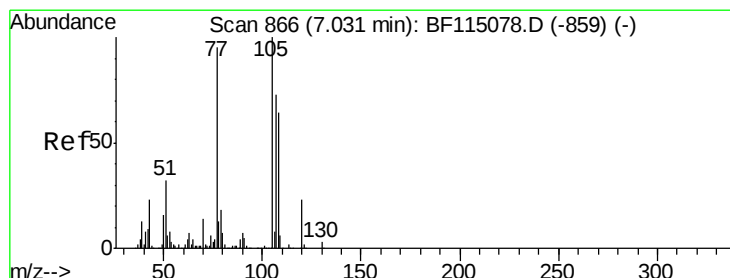
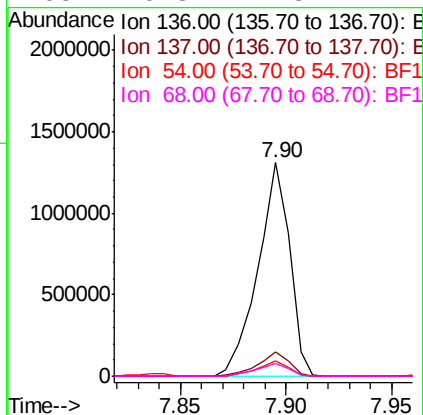
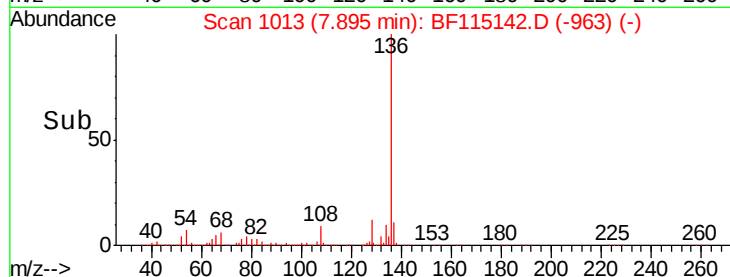
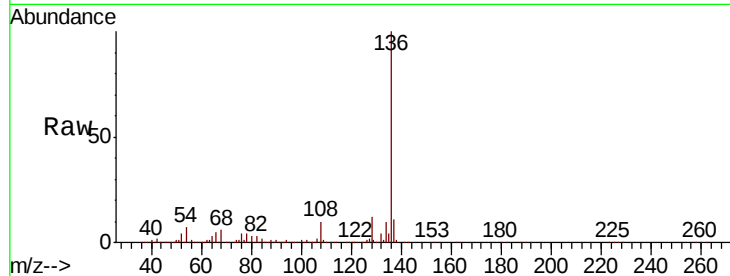
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	136	Resp	1372371
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.2	5.6	8.4
68	6.3	4.8	7.2

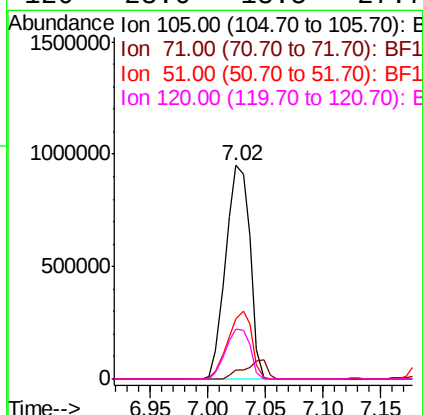
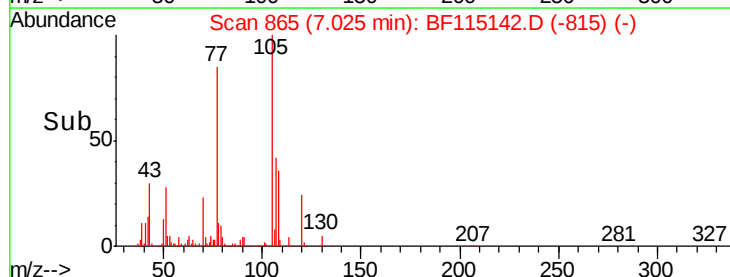
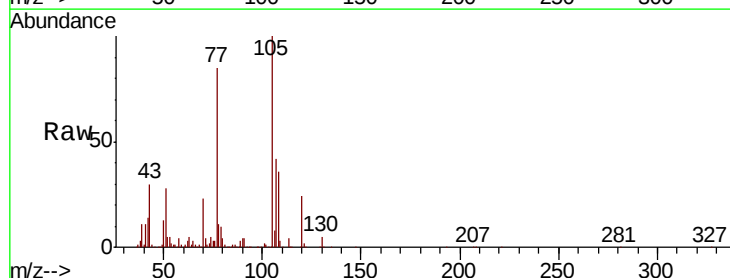
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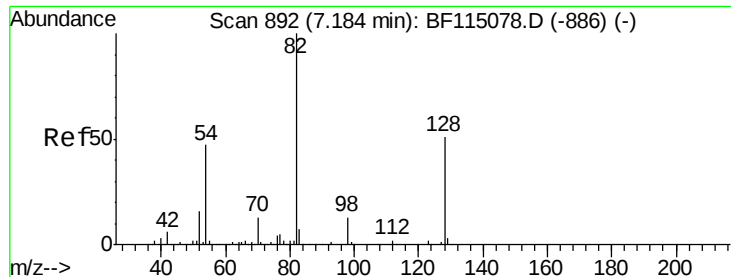
mohammad
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#22
Acetophenone
Concen: 43.999 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Tgt Ion	105	Resp	1382375
Ion	Ratio	Lower	Upper
105	100		
71	4.0	1.9	2.9#
51	28.4	25.8	38.8
120	23.6	18.5	27.7





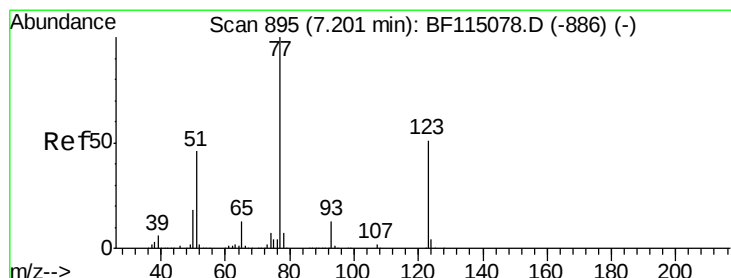
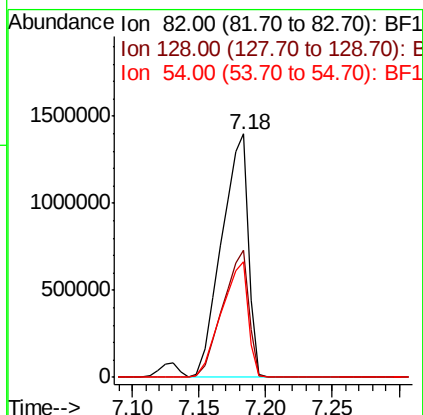
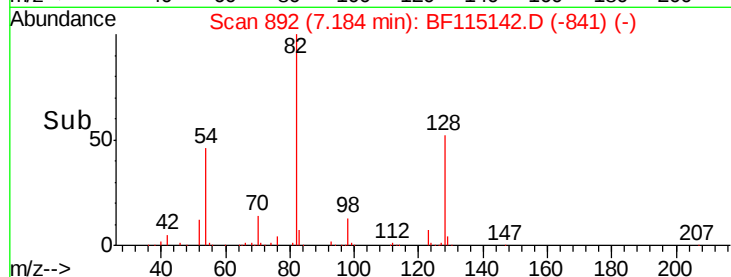
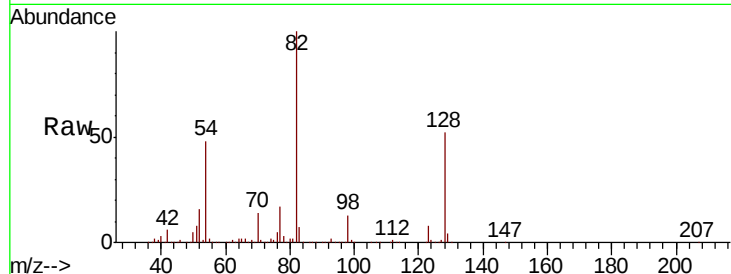
#23
 Nitrobenzene-d5
 Concen: 88.390 ng
 RT: 7.18 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: BF115142.D
 Acq: 24 Jun 2019 11:36

Instrument :
 BNA_F
 ClientSampleId :
 PB120777BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	52.2	40.4	60.6
54	47.7	37.5	56.3

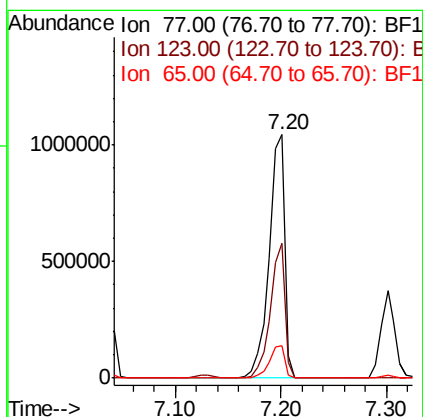
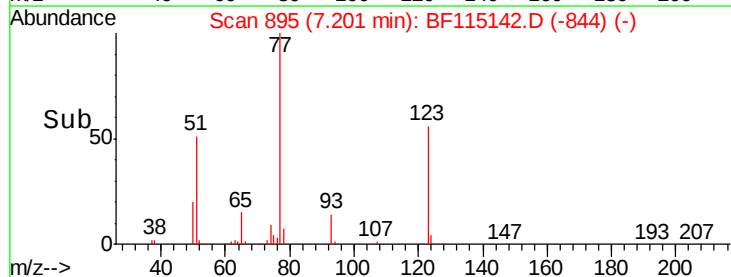
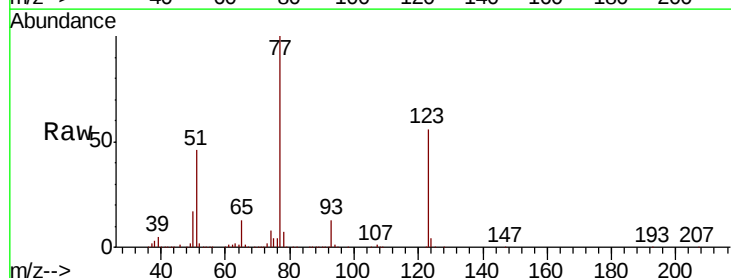
Manual Integrations
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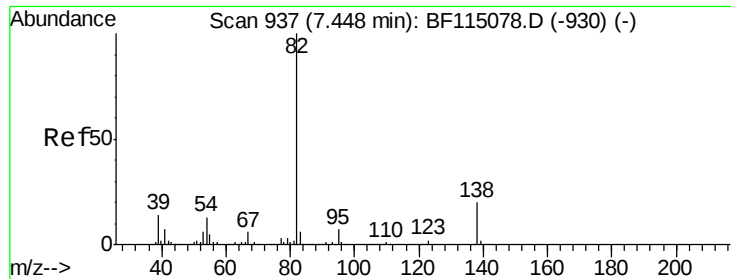
mohammad
 6/28/2019 8:25:02 AM



#24
 Nitrobenzene
 Concen: 43.349 ng
 RT: 7.20 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF115142.D
 Acq: 24 Jun 2019 11:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	55.6	41.0	61.6
65	13.2	10.5	15.7





#25

Isophorone

Concen: 43.959 ng

RT: 7.44 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Instrument :

BNA_F

ClientSampleId :

PB120777BS

Tot Ion: 82 Resp: 2009008

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

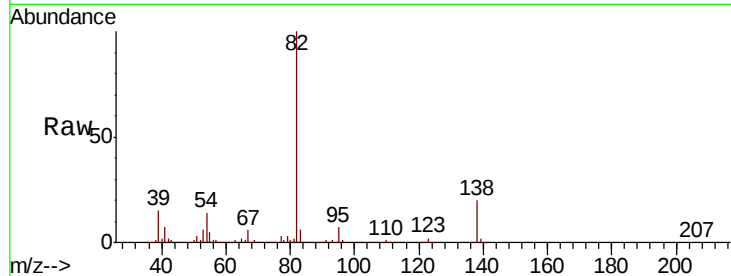
138 19.8 15.9 23.9

Manual Integrations

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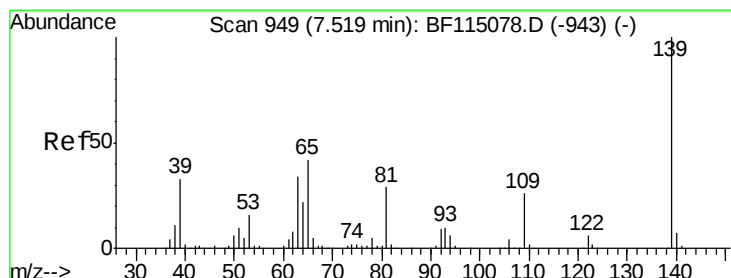
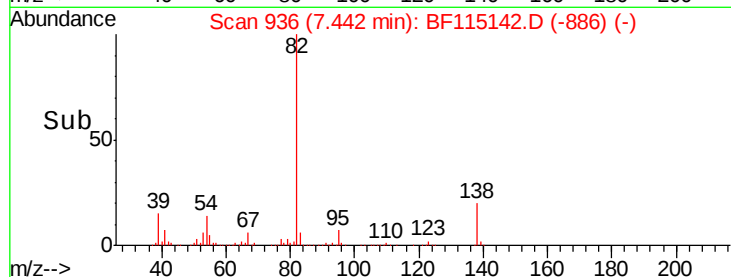
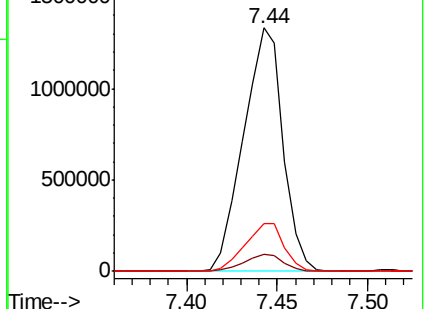
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 49.766 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

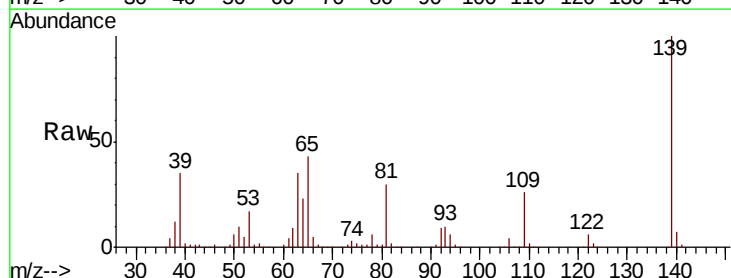
Tgt Ion: 139 Resp: 604038

Ion Ratio Lower Upper

139 100

109 26.0 20.4 30.6

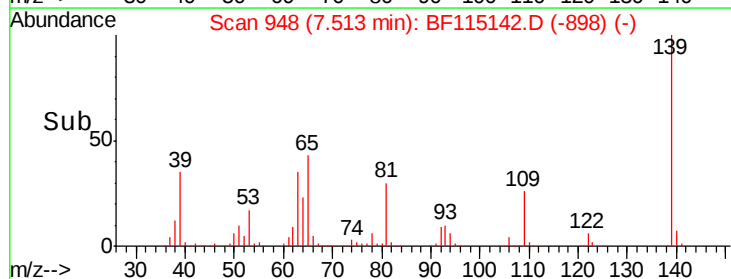
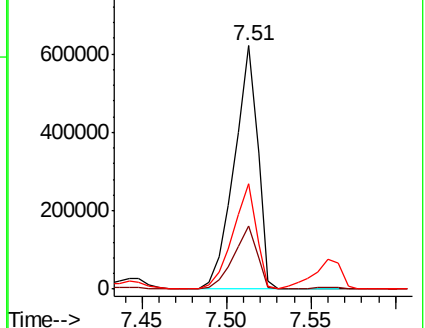
65 43.1 33.6 50.4

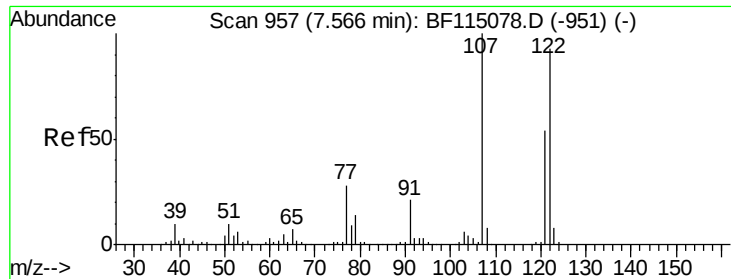


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 49.546 ng

RT: 7.56 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Instrument :

BNA_F

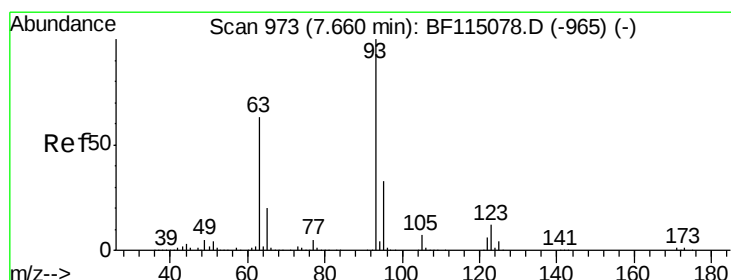
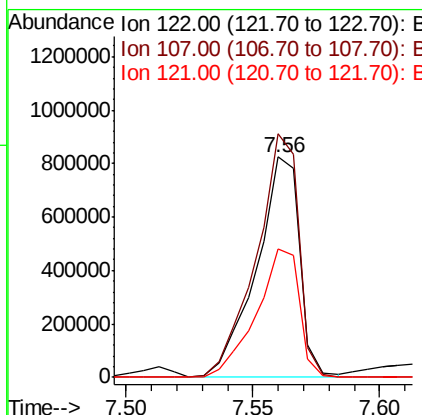
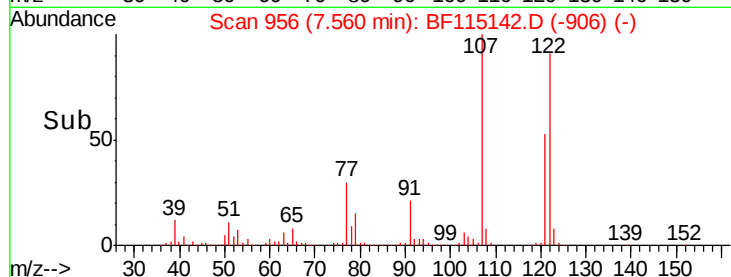
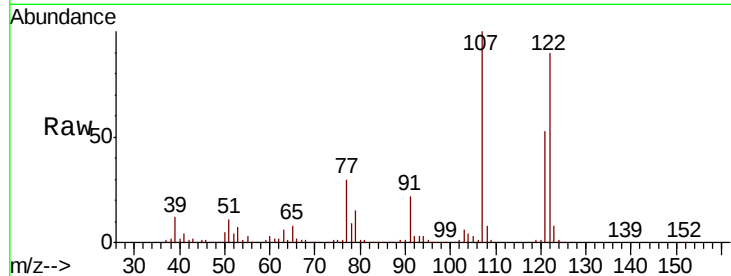
ClientSampleId :

PB120777BS

Tot Ion:	122	Resp:	984627
Ion Ratio	Lower	Upper	
122	100		
107	110.5	85.8	128.6
121	58.3	46.3	69.5

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#28

bis(2-Chloroethoxy)methane

Concen: 43.151 ng

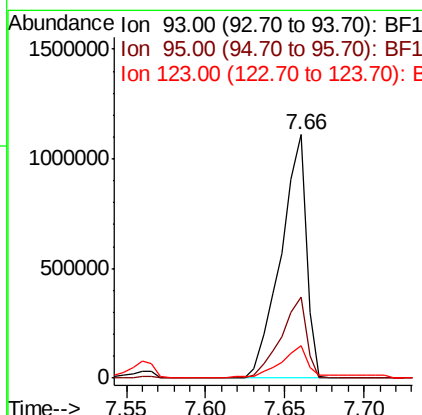
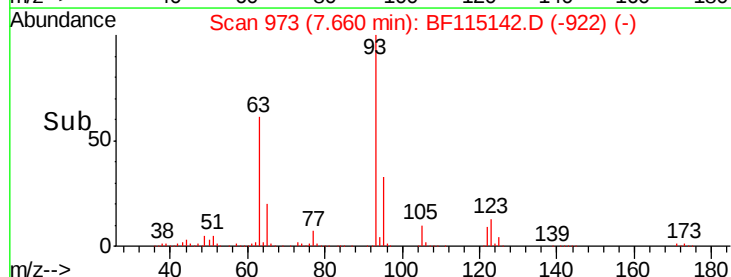
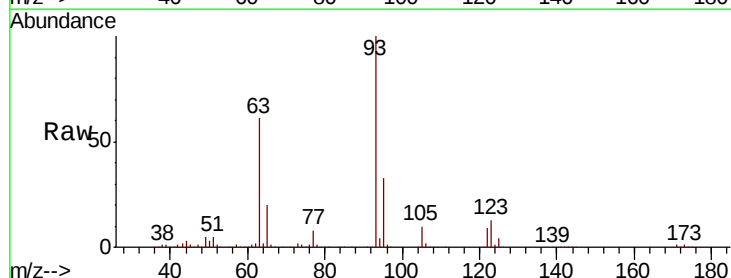
RT: 7.66 min Scan# 973

Delta R.T. -0.00 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Tgt Ion:	93	Resp:	1246450
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.2	39.4
123	13.3	9.7	14.5





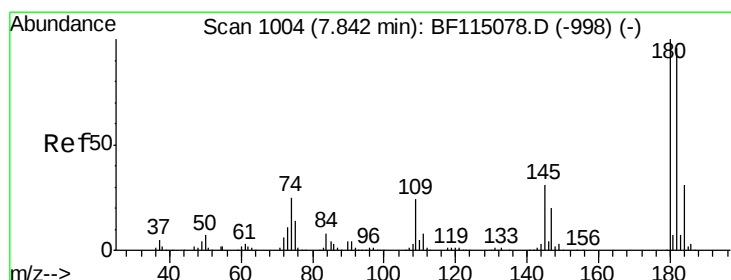
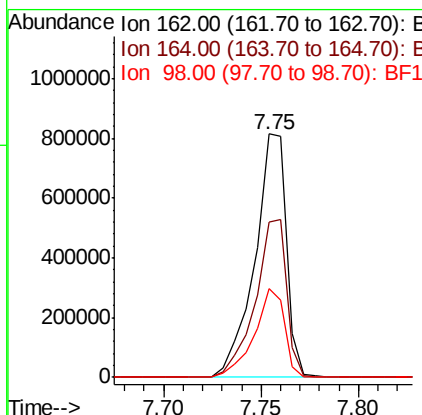
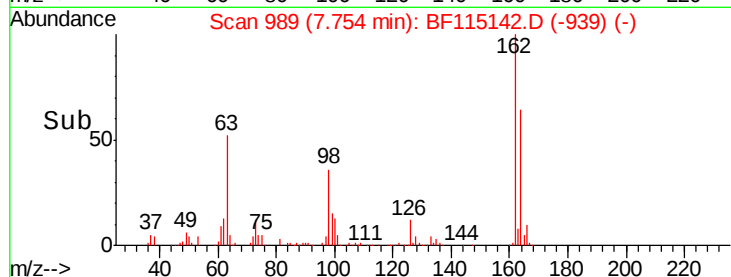
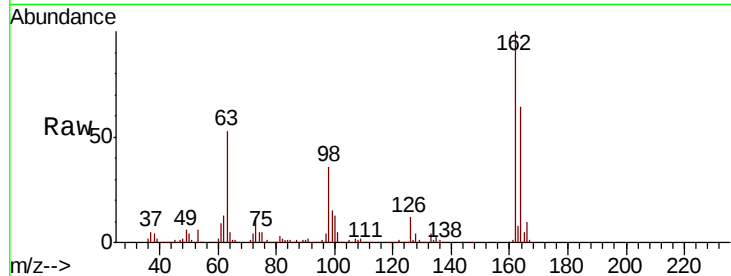
#29
2,4-Dichlorophenol
Concen: 44.927 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Instrument :
BNA_F
ClientSampled :
PB120777BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	921397		
164	63.7	45.3	85.3	
98	36.5	12.5	52.5	

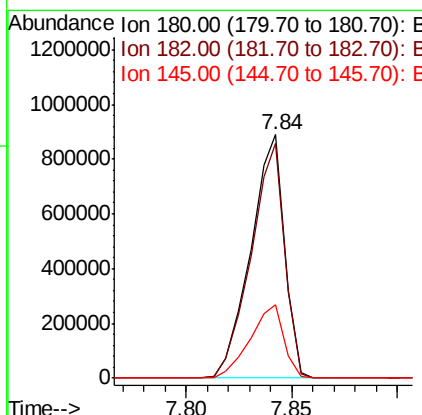
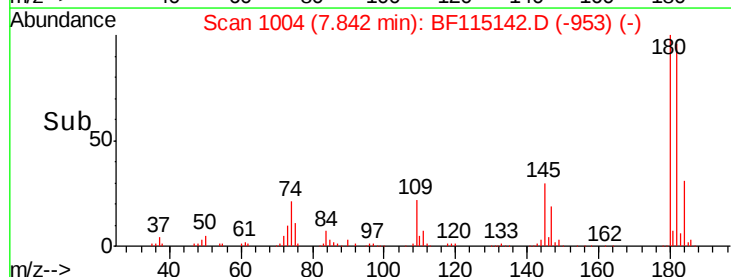
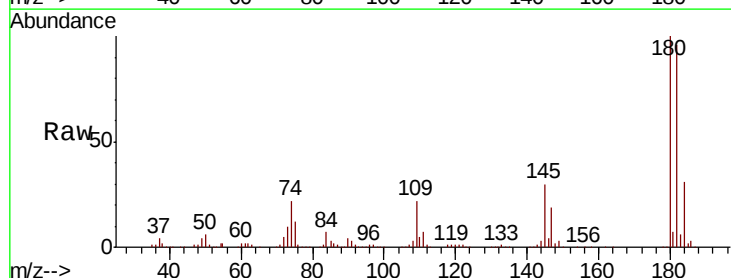
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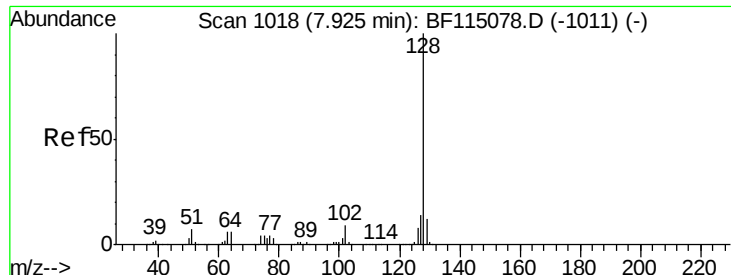
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#30
1,2,4-Trichlorobenzene
Concen: 43.568 ng
RT: 7.84 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	986957		
182	96.2	76.4	114.6	
145	30.2	24.8	37.2	





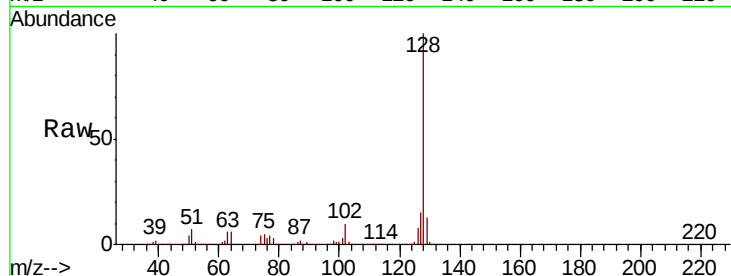
#31
Naphthalene
Concen: 42.832 ng
RT: 7.92 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.6	14.4
127	14.9	11.4	17.0

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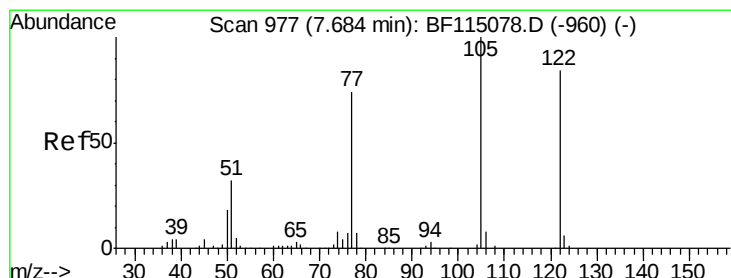
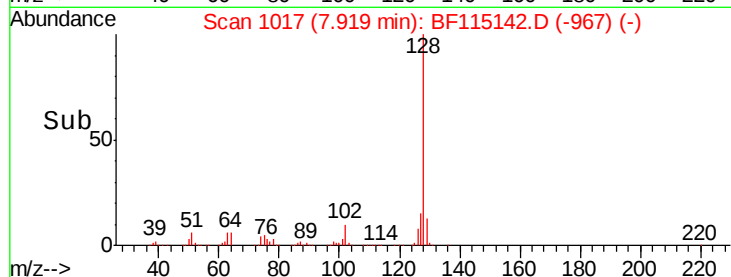
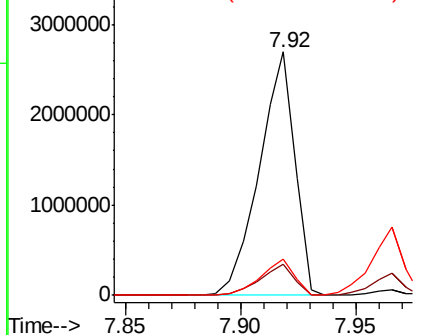


Abundance

Ion 128.00 (127.70 to 128.70): E

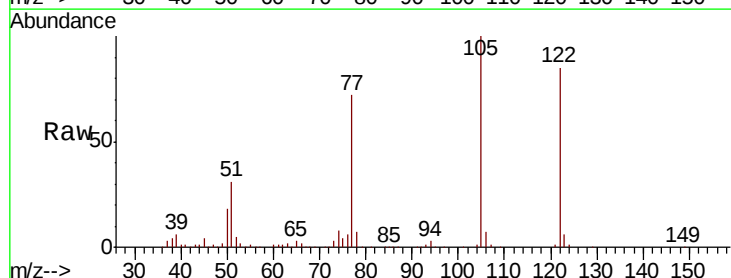
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 56.991 ng
RT: 7.71 min Scan# 982
Delta R.T. 0.03 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.7	98.2	138.2
77	84.9	67.0	107.0

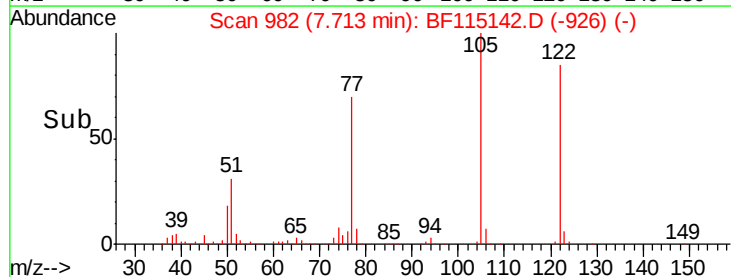
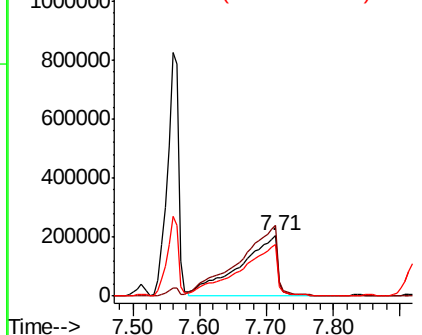


Abundance

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





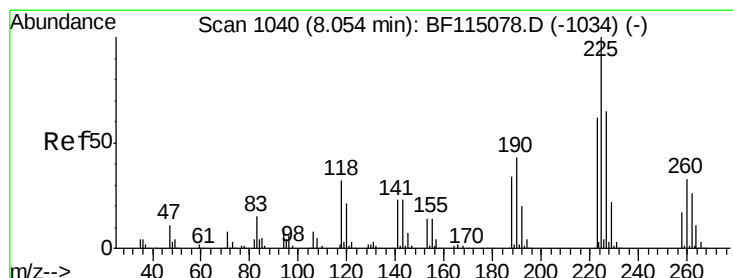
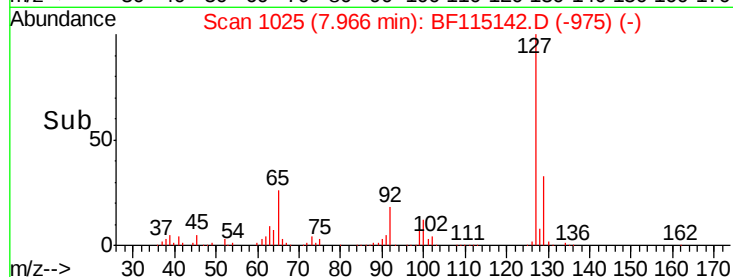
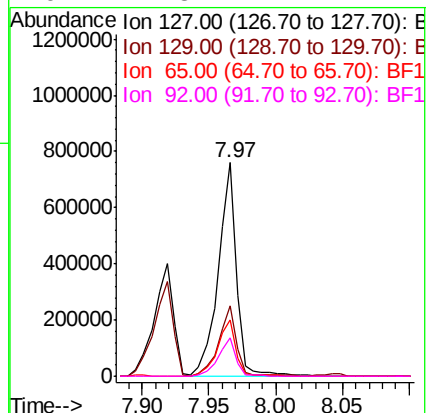
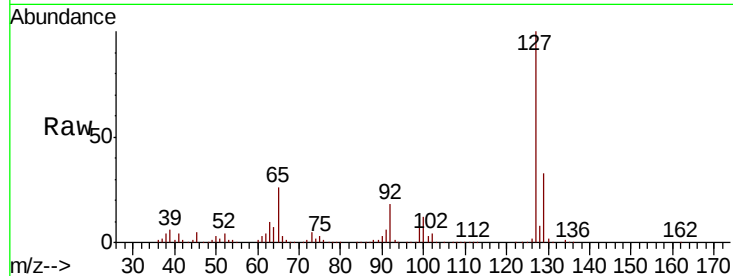
#33
4-Chloroaniline
Concen: 23.793 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.0	26.1	39.1	
65	26.4	21.4	32.2	
92	17.8	14.1	21.1	

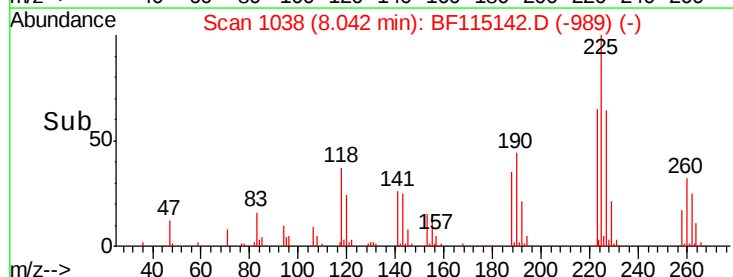
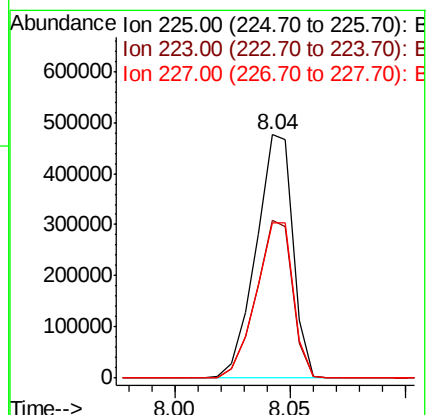
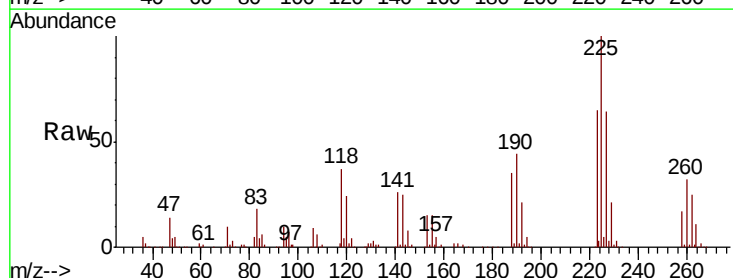
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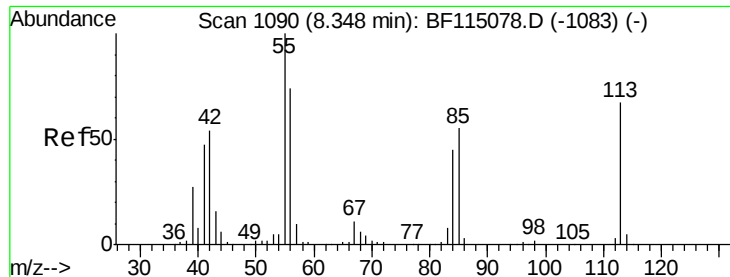
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#34
Hexachlorobutadiene
Concen: 42.646 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.8	49.4	74.2	
227	63.6	51.8	77.8	





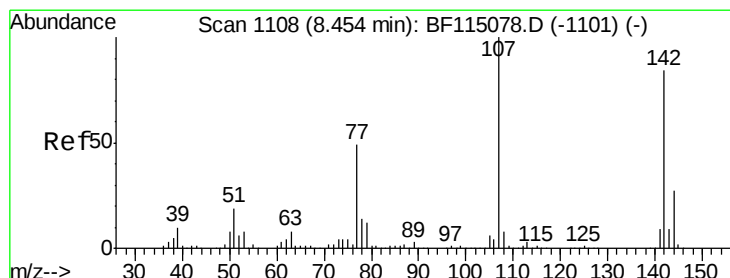
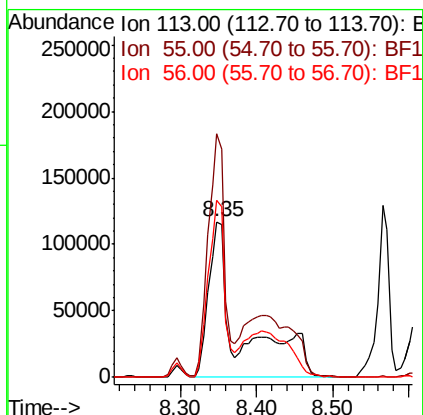
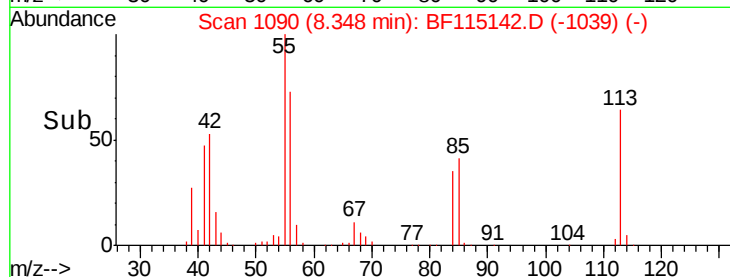
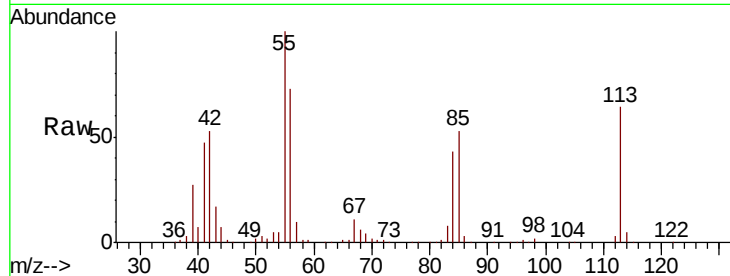
#35
Caprolactam
Concen: 48.191 ng/ml
RT: 8.35 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	156.6	130.2	170.2	
56	113.9	91.6	131.6	

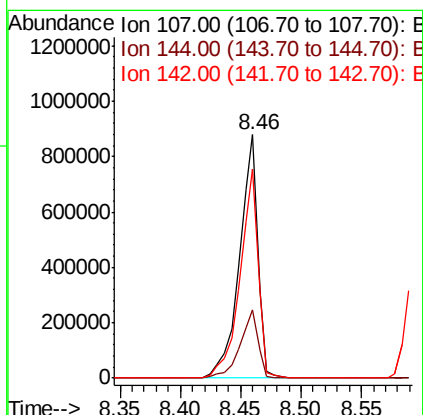
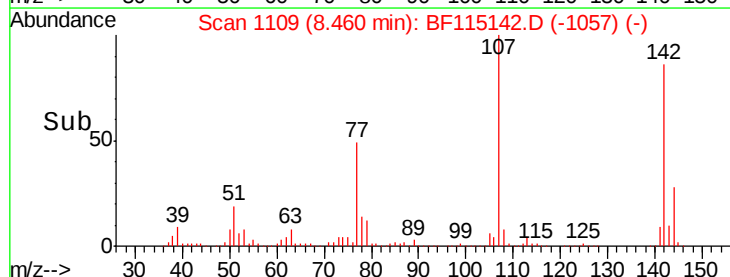
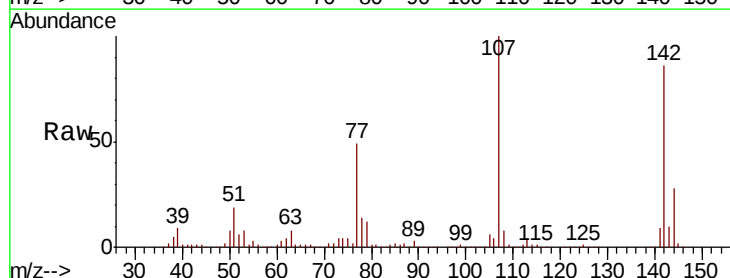
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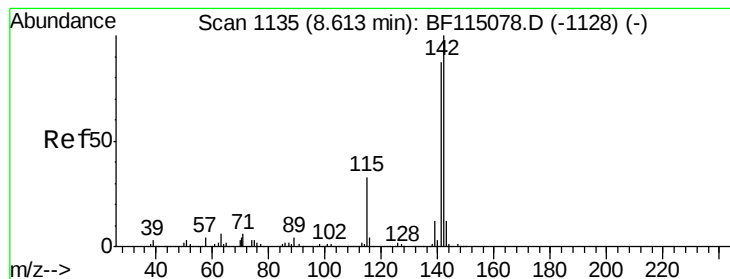
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#36
4-Chloro-3-methylphenol
Concen: 45.001 ng/ml
RT: 8.46 min Scan# 1109
Delta R.T. 0.01 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	28.0	21.7	32.5	
142	85.9	67.0	100.4	





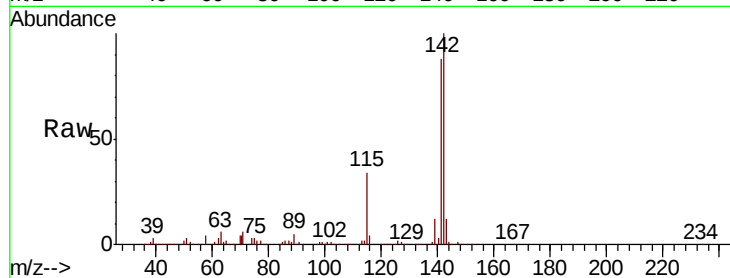
#37
2-Methylnaphthalene
Concen: 44.556 ng
RT: 8.61 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Instrument :
BNA_F
ClientSampleId :
PB120777BS

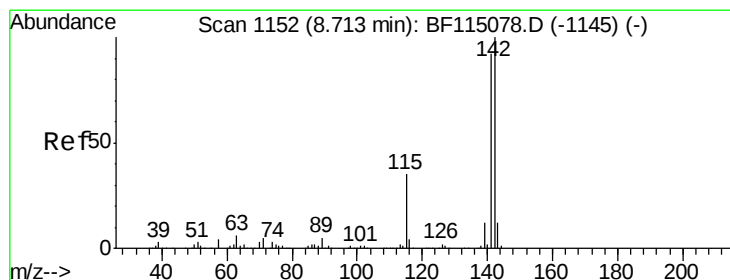
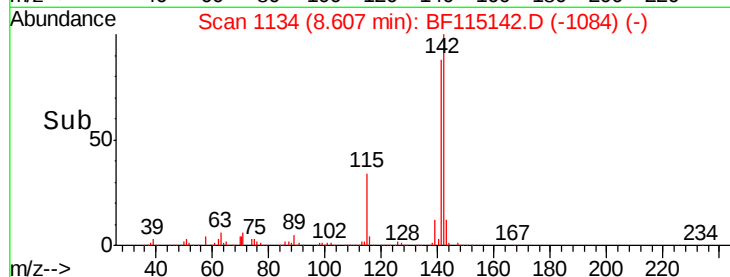
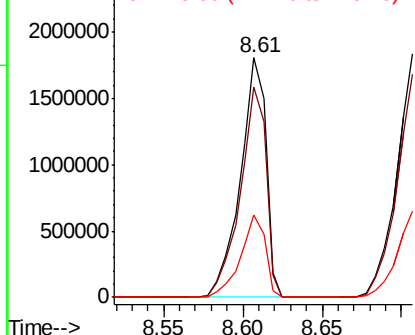
Tot Ion:142 Resp: 2023808
Ion Ratio Lower Upper
142 100
141 88.0 69.8 104.6
115 34.2 26.7 40.1

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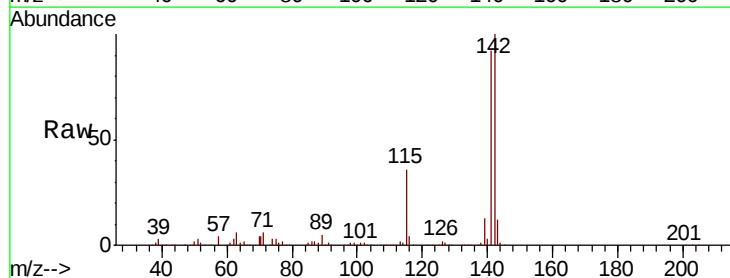


Abundance Ion 142.00 (141.70 to 142.70): E
2500000 Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

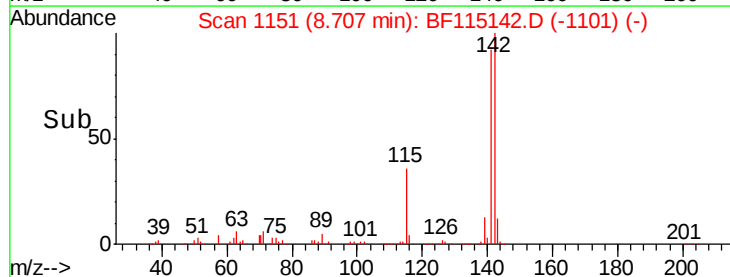
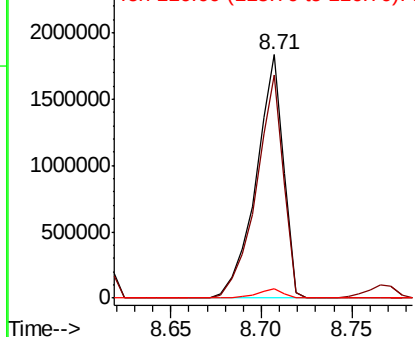


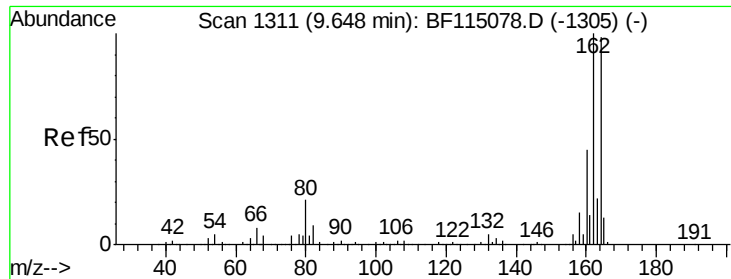
#38
1-Methylnaphthalene
Concen: 44.141 ng
RT: 8.71 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Tgt Ion:142 Resp: 1914864
Ion Ratio Lower Upper
142 100
141 91.6 73.8 110.8
116 3.7 2.8 4.2



Abundance Ion 142.00 (141.70 to 142.70): E
2500000 Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





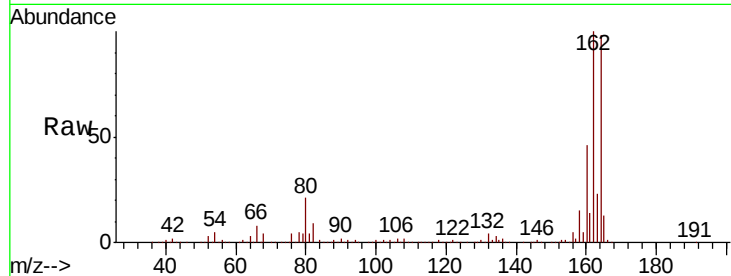
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.7	122.5
160	46.4	37.0	55.4

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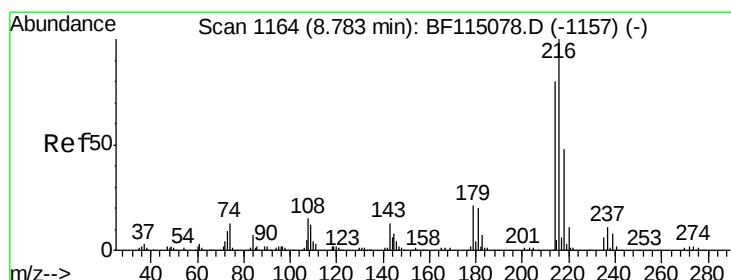
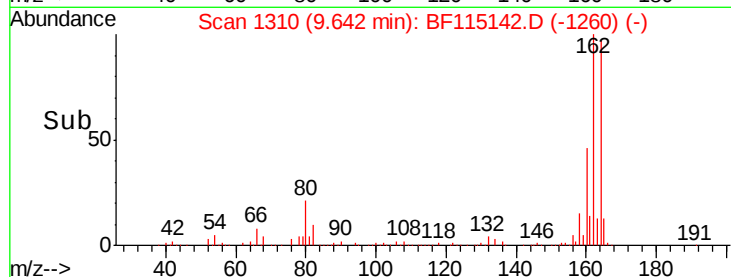
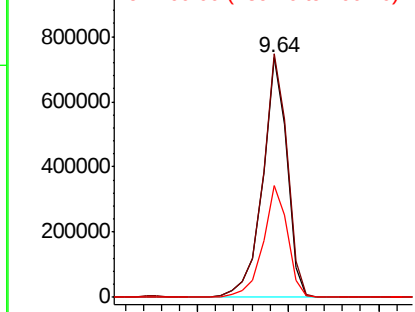


Abundance

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: 42.615 ng
RT: 8.78 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.8	95.6
179	22.4	17.6	26.4
108	20.9	15.7	23.5

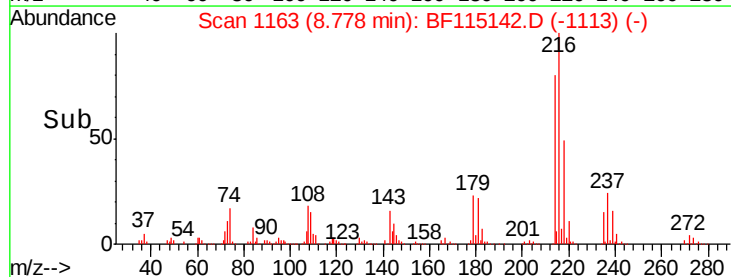
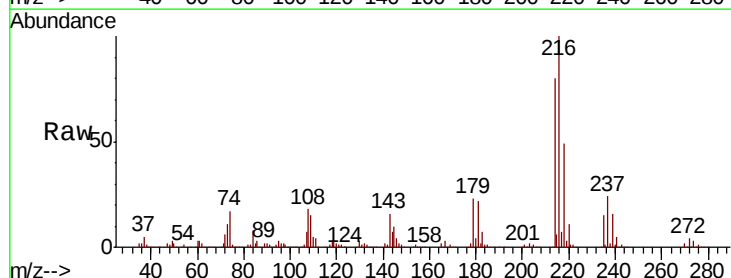
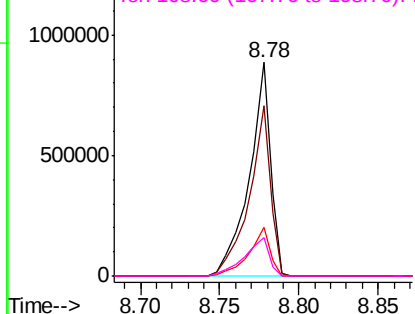
Abundance

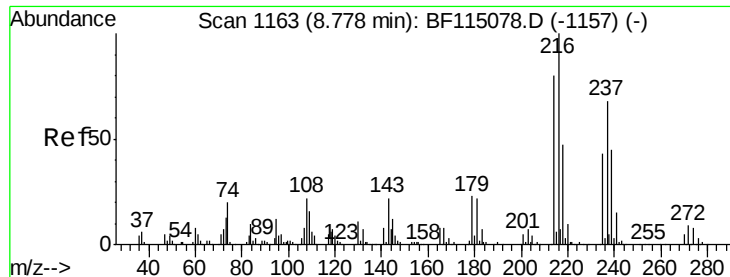
Ion 216.00 (215.70 to 216.70): E

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: 79.869 ng

RT: 8.77 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Instrument :

BNA_F

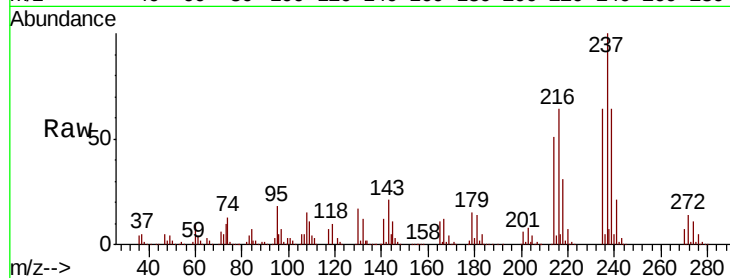
ClientSampleID :

PB120777BS

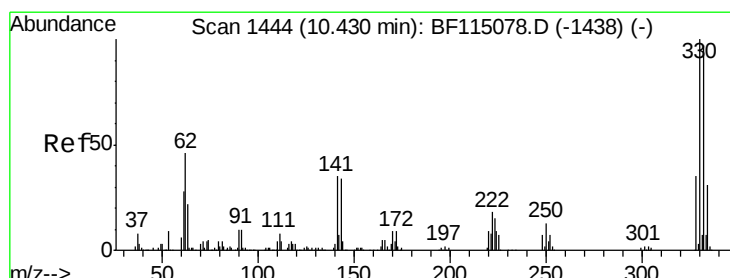
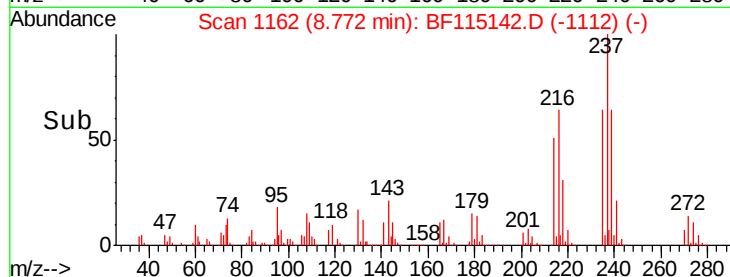
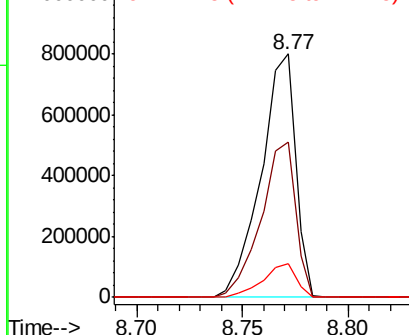
Tot Ion:	237	Resp:	915672
Ion Ratio	Lower	Upper	
237	100		
235	63.7	43.9	83.9
272	13.7	0.0	33.8

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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: 124.902 ng

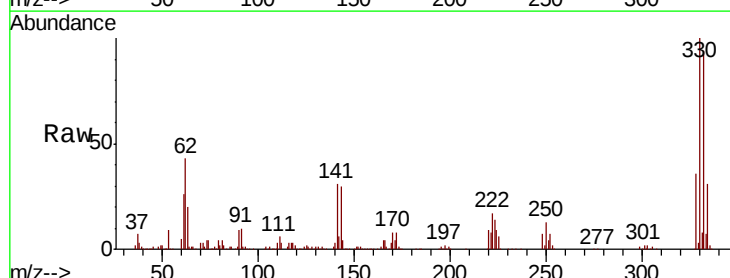
RT: 10.43 min Scan# 1444

Delta R.T. 0.00 min

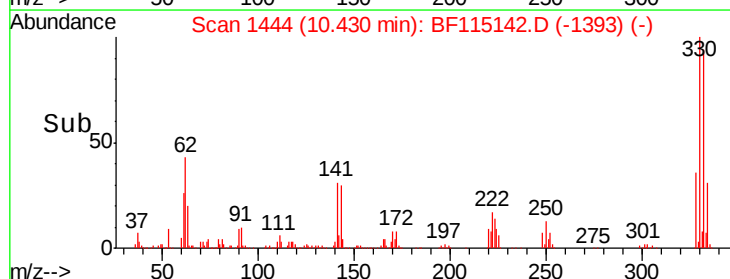
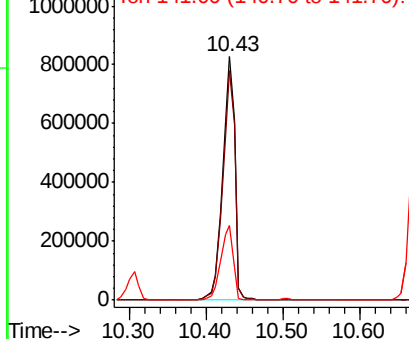
Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Tgt Ion:	330	Resp:	901196
Ion Ratio	Lower	Upper	
330	100		
332	94.6	77.3	115.9
141	31.4	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





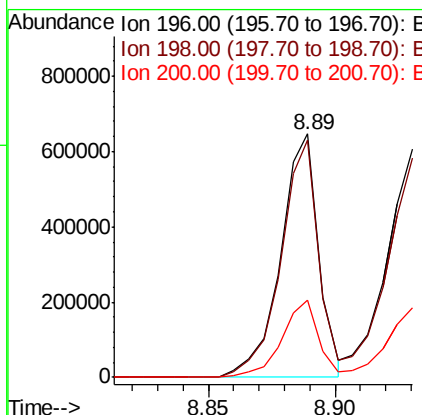
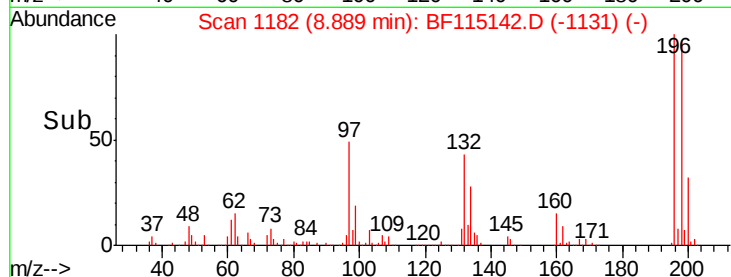
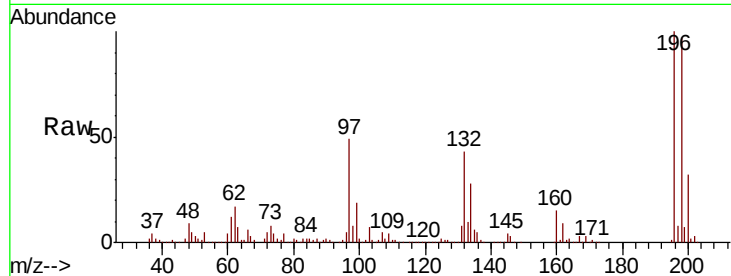
#43
 2,4,6-Trichlorophenol
 Concen: 45.455 ng
 RT: 8.89 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF115142.D
 Acq: 24 Jun 2019 11:36

Instrument :
 BNA_F
 ClientSampleId :
 PB120777BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	678498		
198	97.4	76.3	114.5	
200	31.9	24.2	36.4	

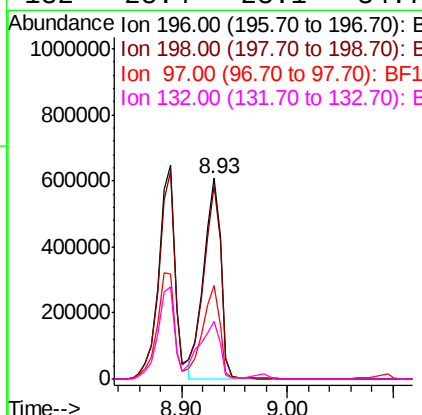
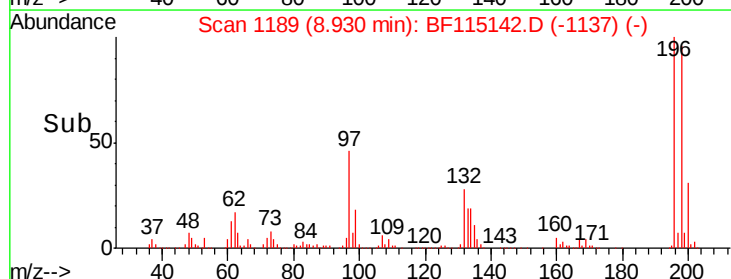
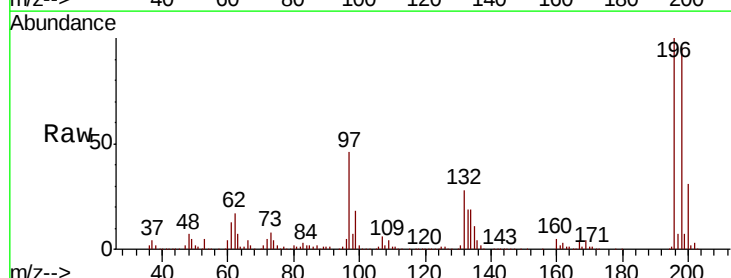
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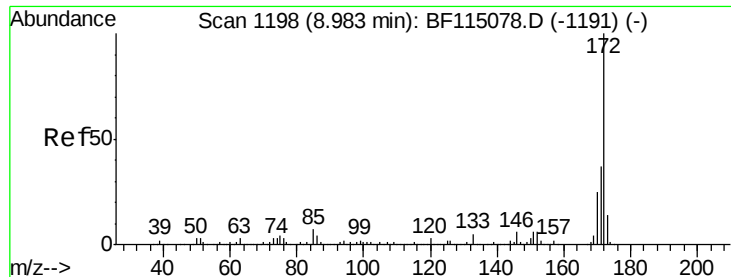
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#44
 2,4,5-Trichlorophenol
 Concen: 44.842 ng
 RT: 8.93 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF115142.D
 Acq: 24 Jun 2019 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	689306		
198	96.1	77.1	115.7	
97	46.3	37.7	56.5	
132	28.4	23.1	34.7	





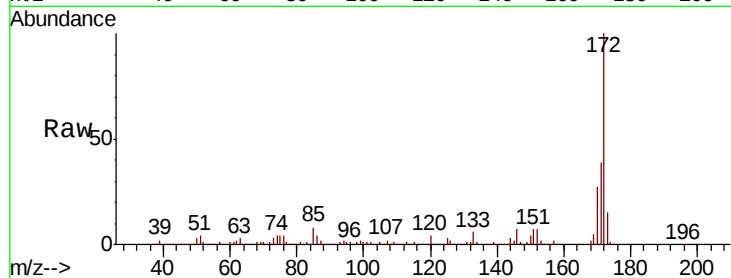
#45
2-Fluorobiphenyl
Concen: 86.337 ng
RT: 8.98 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.9	29.8	44.6
170	26.8	20.3	30.5

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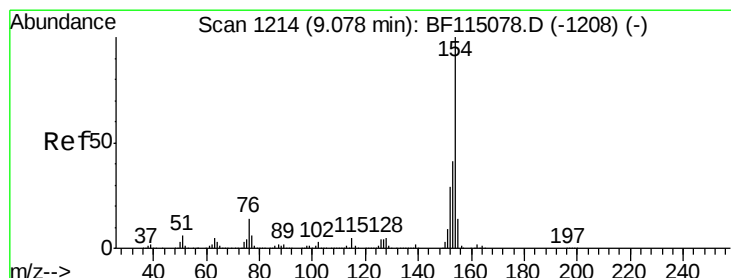
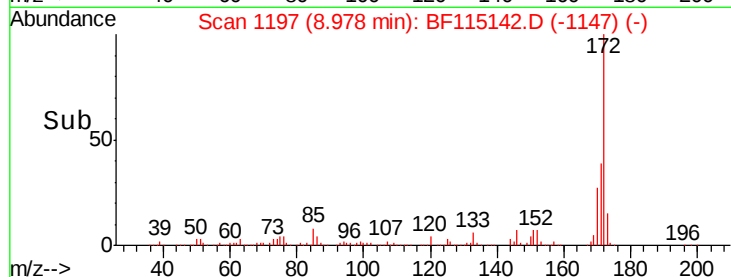
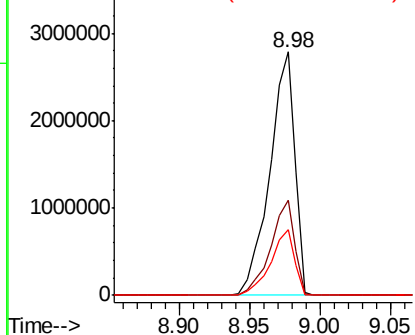


Abundance

Ion 172.00 (171.70 to 172.70): E

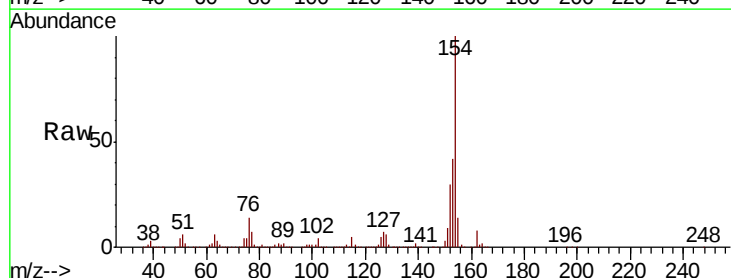
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 42.269 ng
RT: 9.07 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	20.9	60.9
76	14.4	0.0	34.1

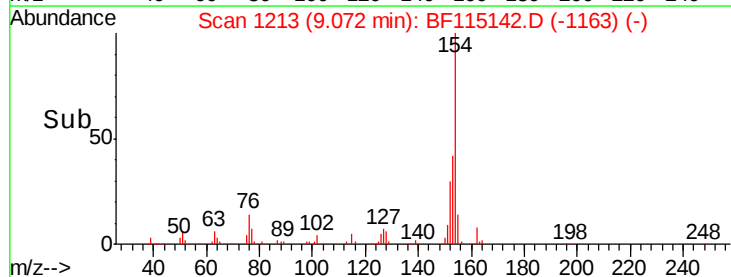
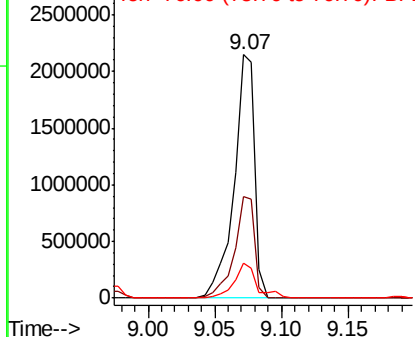


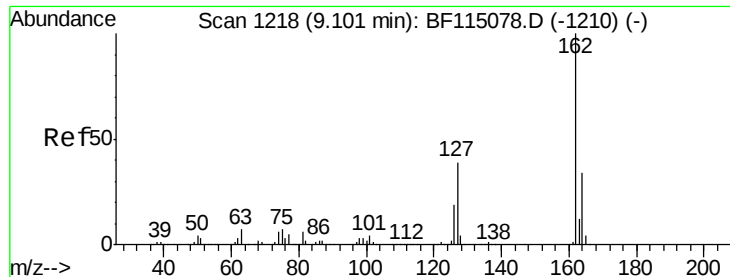
Abundance

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





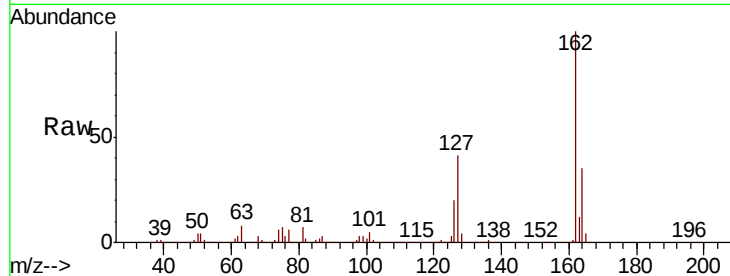
#47
2-Chloronaphthalene
Concen: 41.882 ng
RT: 9.10 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		1859910		
127	41.2	30.8	46.2		
164	34.9	27.0	40.4		

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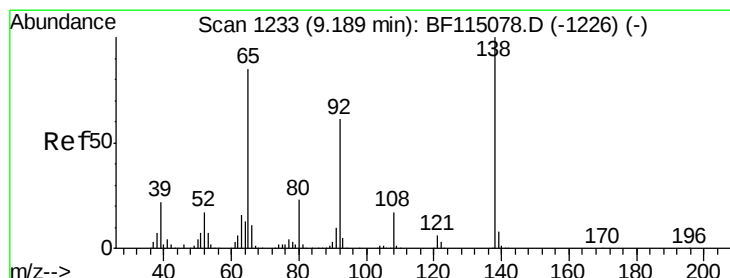
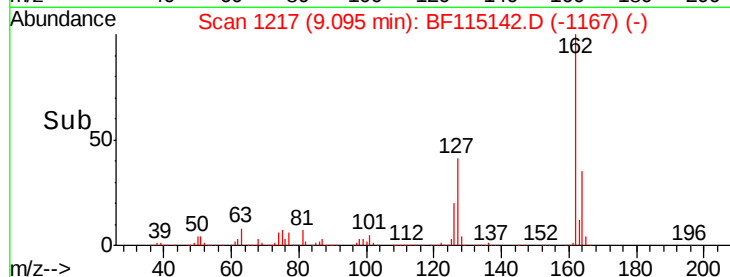
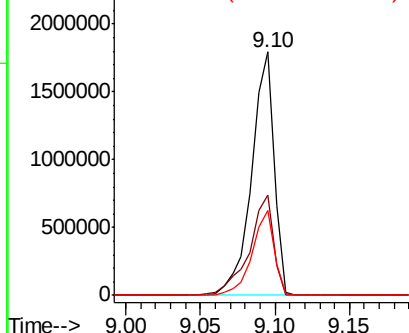


Abundance

Ion 162.00 (161.70 to 162.70): E

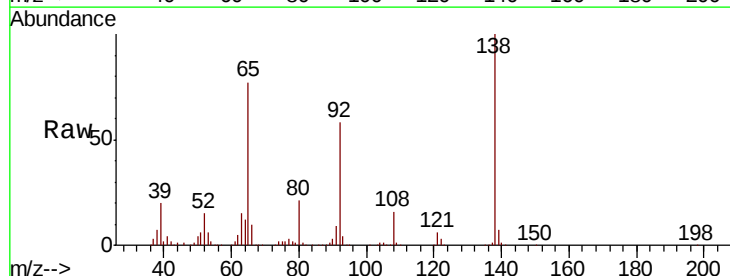
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 43.800 ng
RT: 9.19 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		567073		
92	74.4	57.4	86.2		
138	129.1	94.1	141.1		

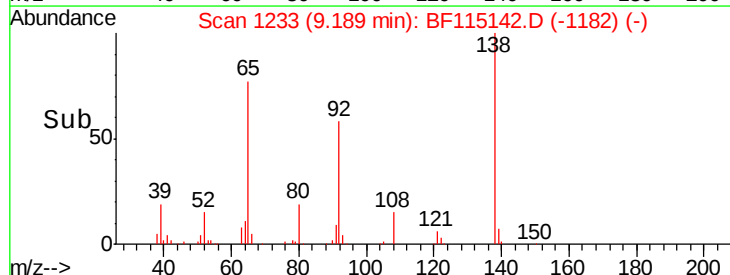
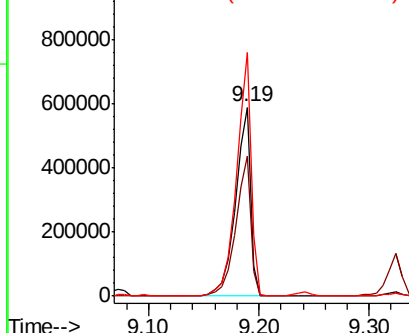


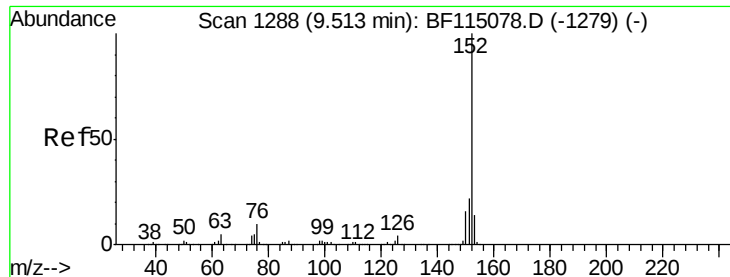
Abundance

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





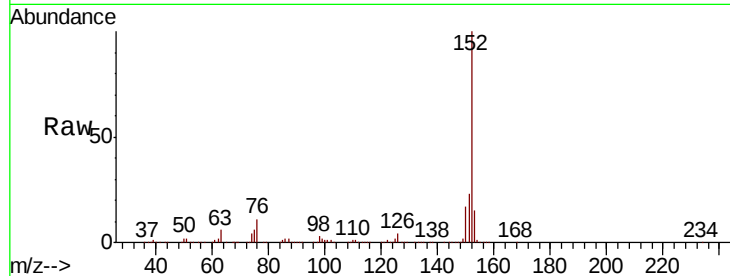
#49
Acenaphthylene
Concen: 41.365 ng
RT: 9.51 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.6	17.2	25.8
153	14.9	11.0	16.6

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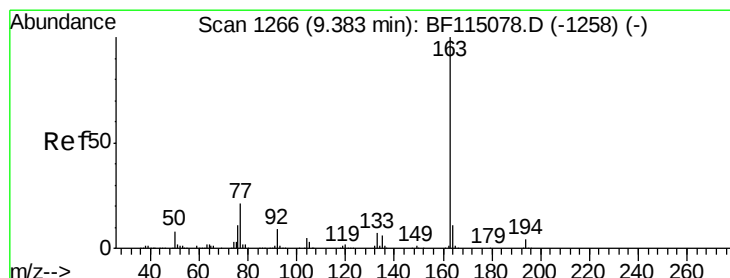
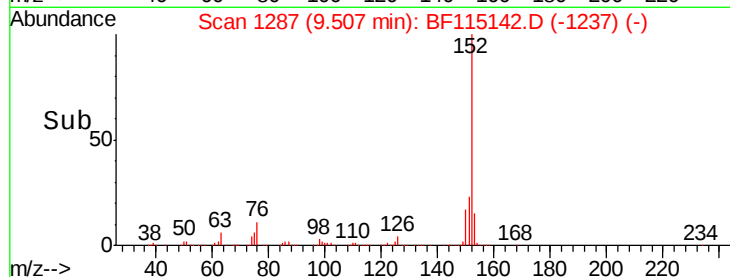
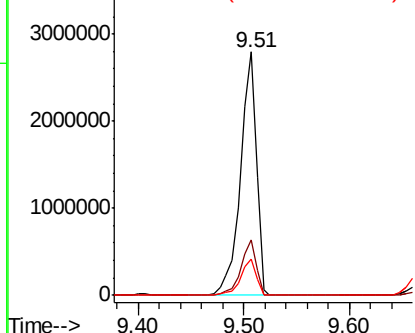


Abundance

Ion 152.00 (151.70 to 152.70): E

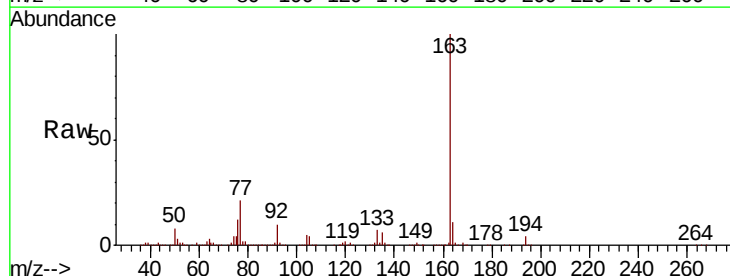
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 42.482 ng
RT: 9.38 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.2	4.8
164	11.2	8.6	13.0

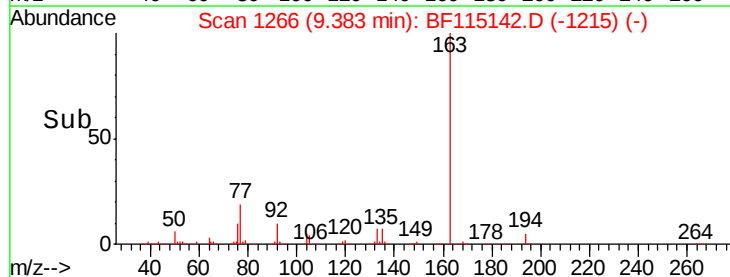
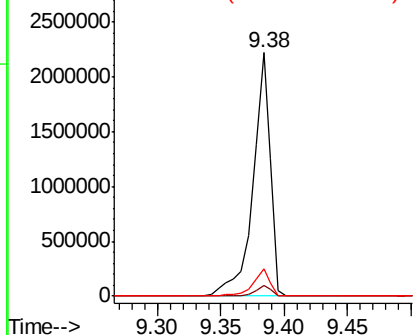


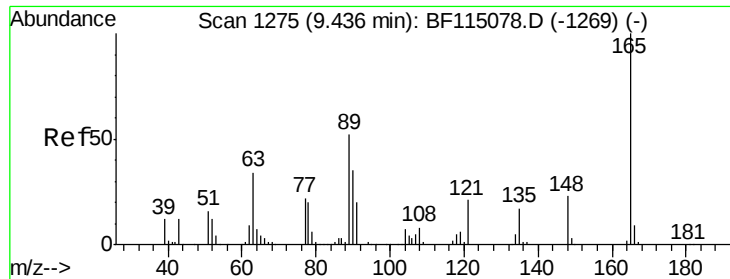
Abundance

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





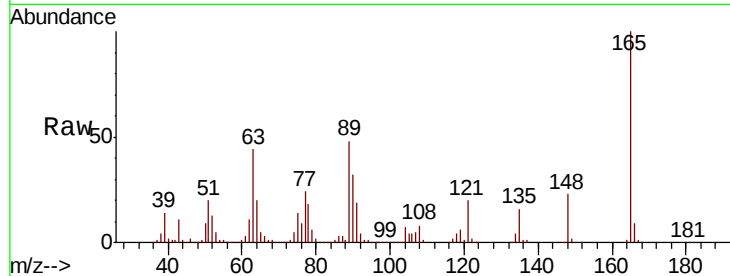
#51
2,6-Dinitrotoluene
Concen: 44.871 ng
RT: 9.44 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Instrument :
BNA_F
ClientSampled :
PB120777BS

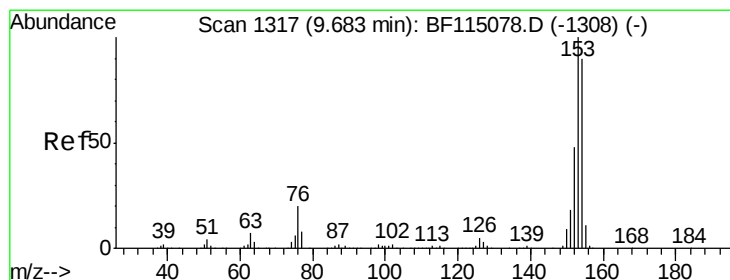
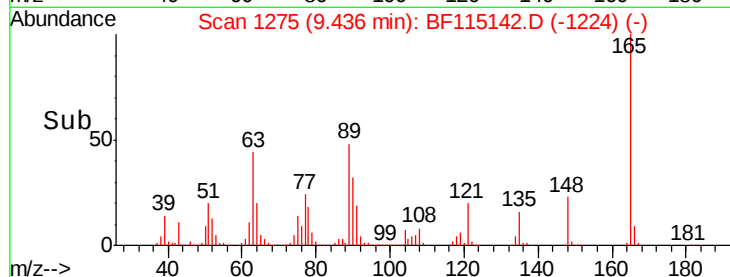
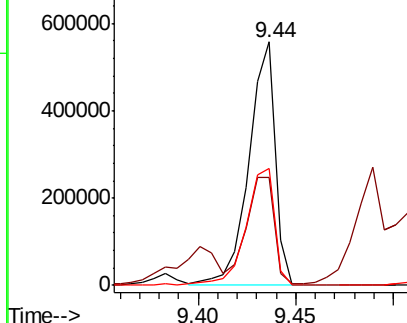
Tot Ion	Ratio	Resp	Lower	Upper
165	100	521477		
63	44.4		39.4	59.2
89	48.1		42.0	63.0

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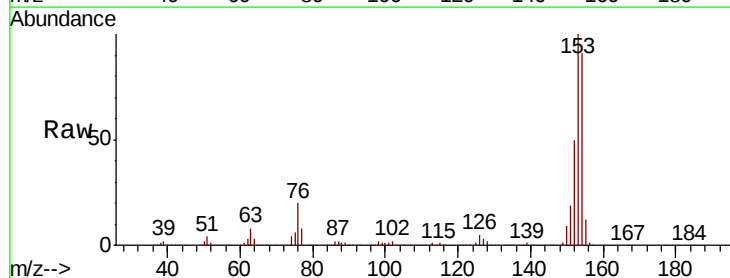


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

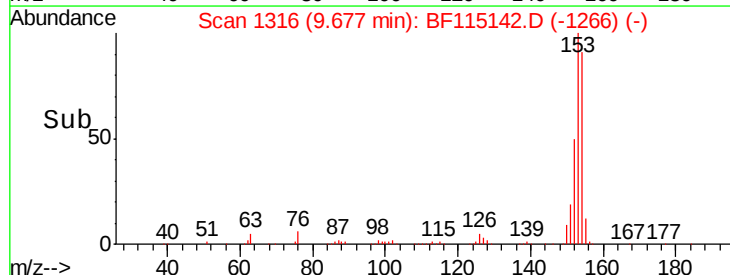
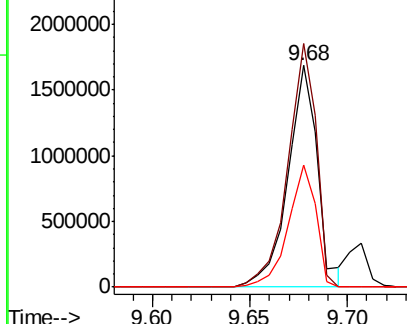


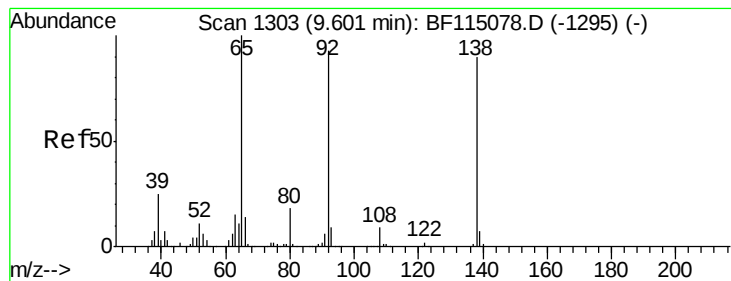
#52
Acenaphthene
Concen: 40.637 ng
RT: 9.68 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1759371		
153	109.9		88.7	133.1
152	55.0		42.6	64.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 28.717 ng

RT: 9.60 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Instrument :

BNA_F

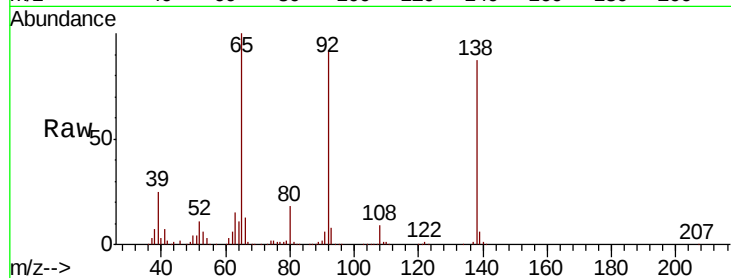
ClientSampleId :

PB120777BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	7.8	11.6
92	105.7	82.9	124.3

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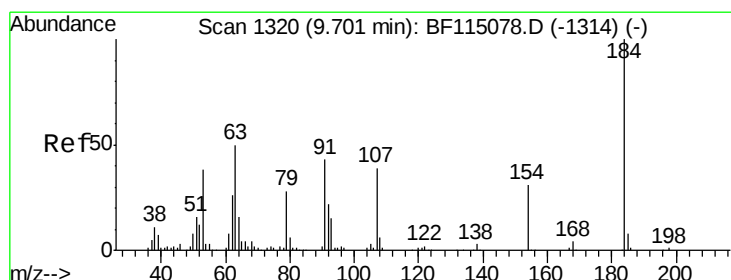
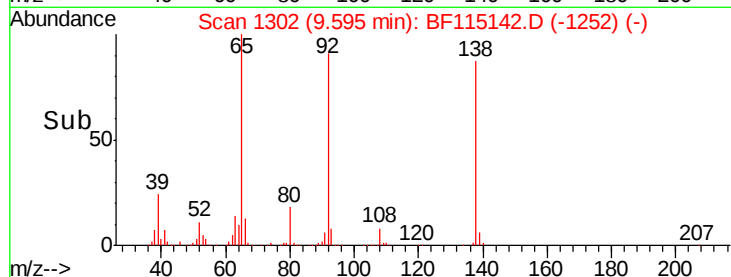
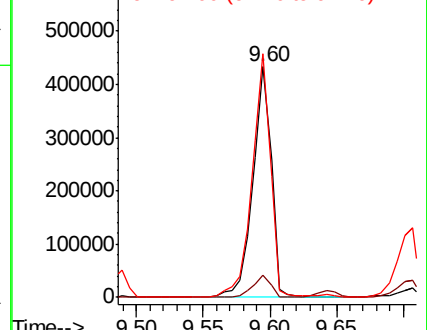


Abundance

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: 92.546 ng

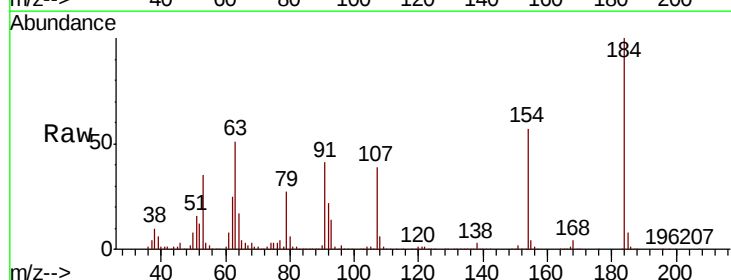
RT: 9.71 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Tgt Ion	Ratio	Lower	Upper
184	100		
63	50.8	41.9	62.9
154	57.0	44.7	67.1

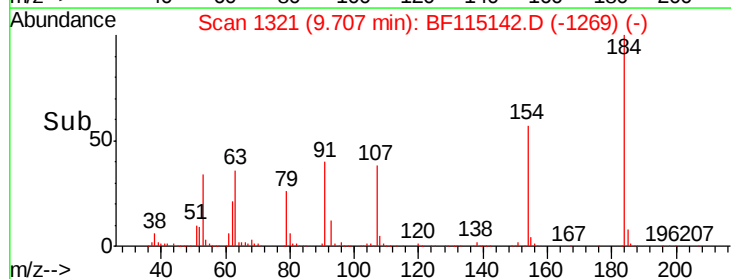
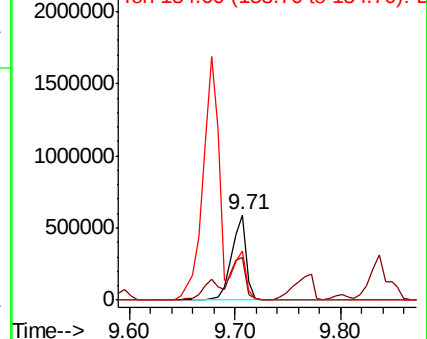


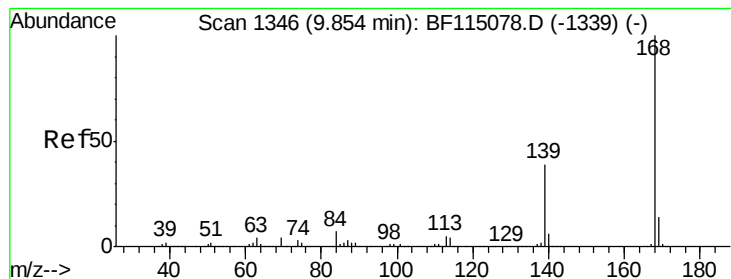
Abundance

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: 40.159 ng

RT: 9.85 min Scan# 1345

Delta R.T. -0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Instrument :

BNA_F

ClientSampleId :

PB120777BS

Tot Ion:168 Resp: 2495500

Ion Ratio Lower Upper

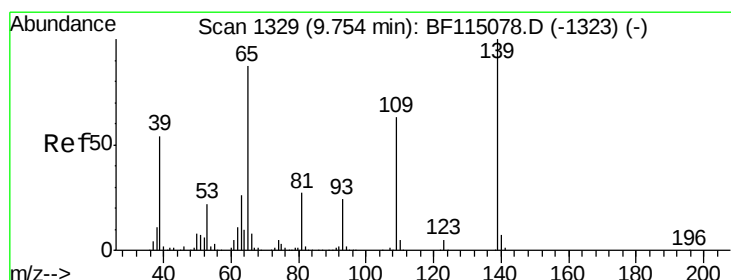
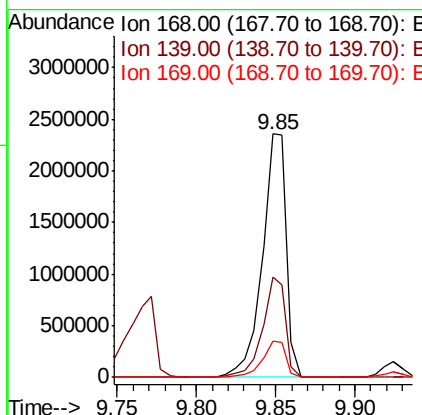
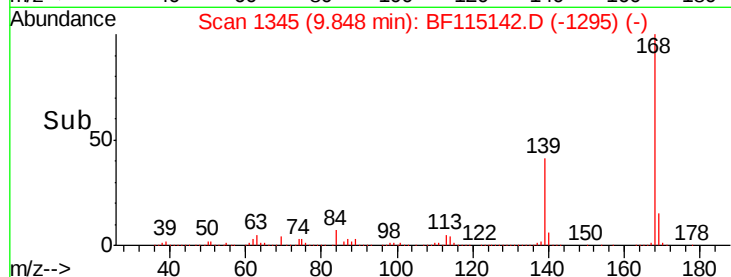
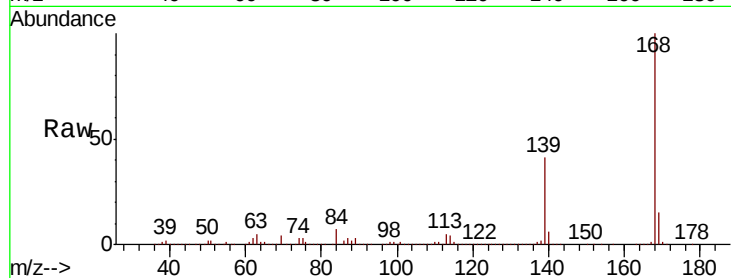
168 100

139 41.0 31.1 46.7

169 14.7 11.3 16.9

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#56

4-Nitrophenol

Concen: 84.185 ng

RT: 9.77 min Scan# 1332

Delta R.T. 0.02 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

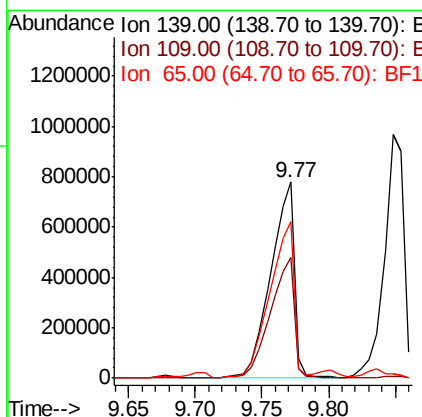
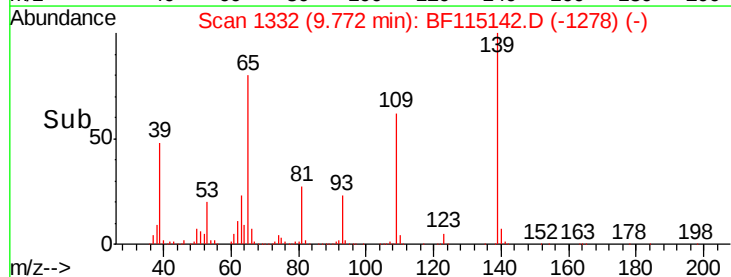
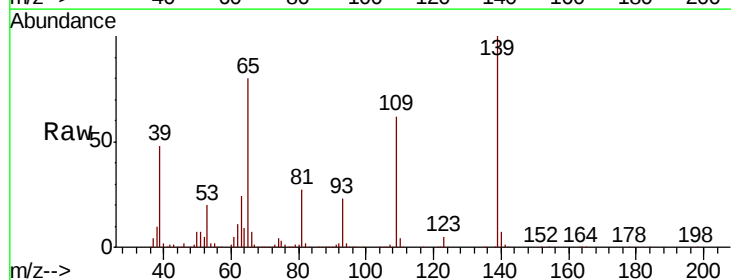
Tgt Ion:139 Resp: 957177

Ion Ratio Lower Upper

139 100

109 61.7 43.0 83.0

65 79.6 67.0 107.0





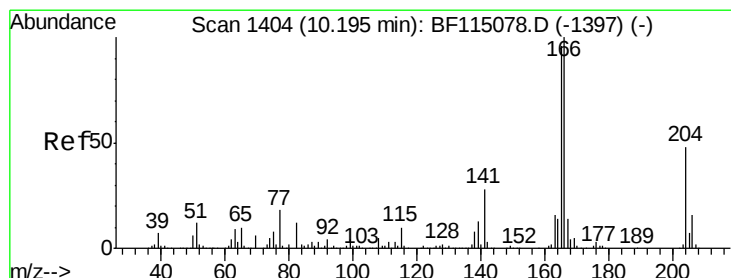
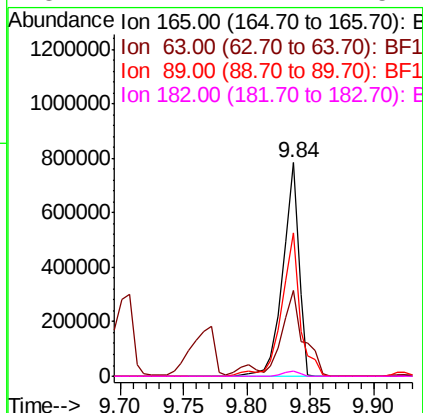
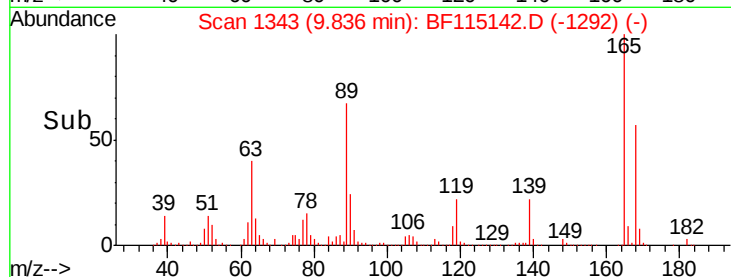
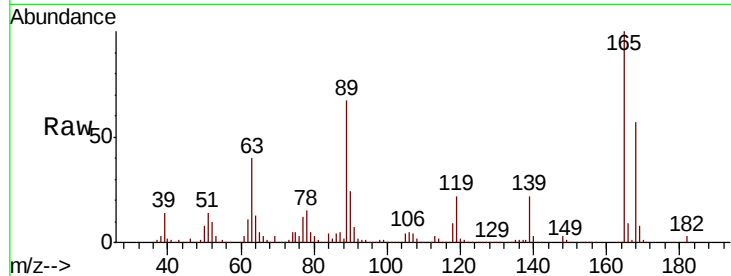
#57
 2,4-Dinitrotoluene
 Concen: 45.406 ng
 RT: 9.84 min Scan# 1343
 Delta R.T. 0.00 min
 Lab File: BF115142.D
 Acq: 24 Jun 2019 11:36

Instrument :
 BNA_F
 ClientSampleId :
 PB120777BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		681354		
63	40.1	27.5	41.3		
89	67.1	49.9	74.9		
182	2.7	2.1	3.1		

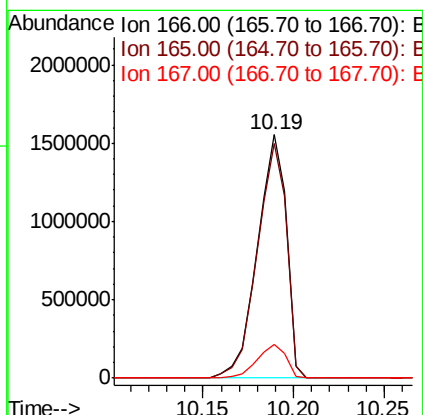
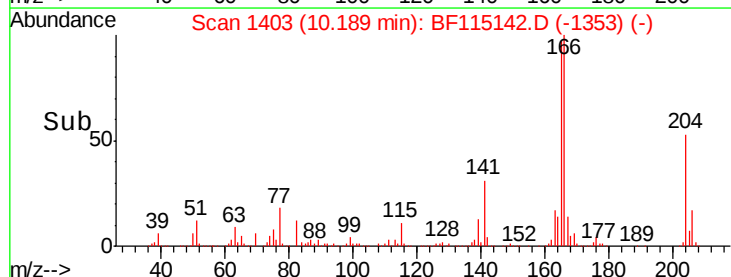
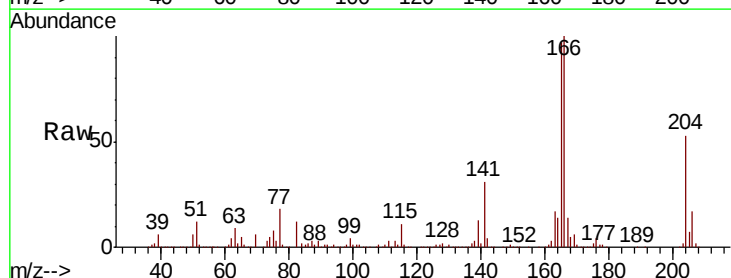
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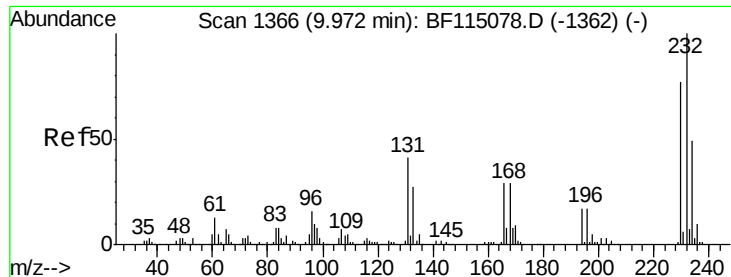
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 6/28/2019 8:25:02 AM



#58
 Fluorene
 Concen: 41.049 ng
 RT: 10.19 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF115142.D
 Acq: 24 Jun 2019 11:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1722235		
165	96.6	76.5	114.7		
167	13.9	11.0	16.4		





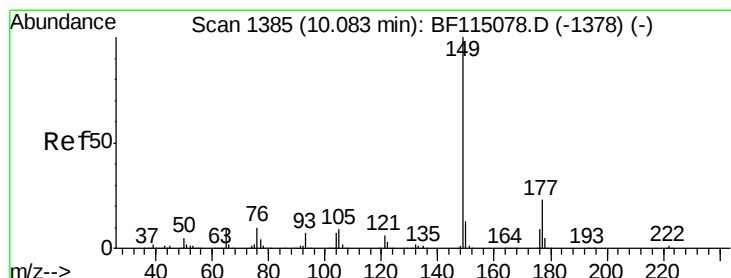
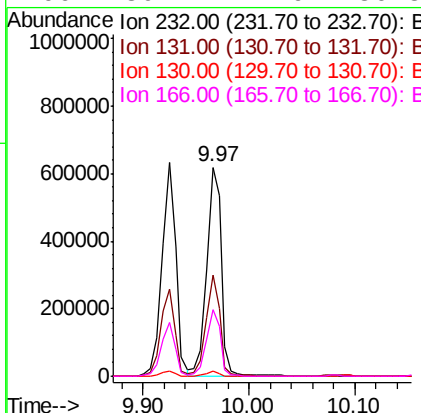
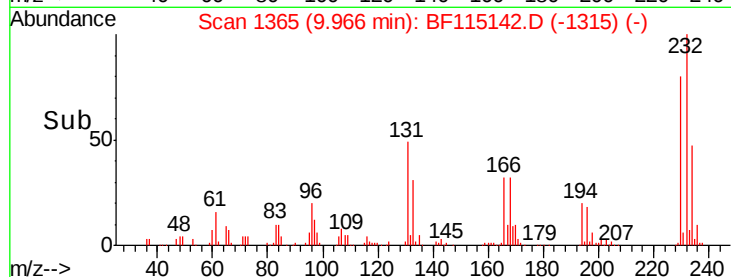
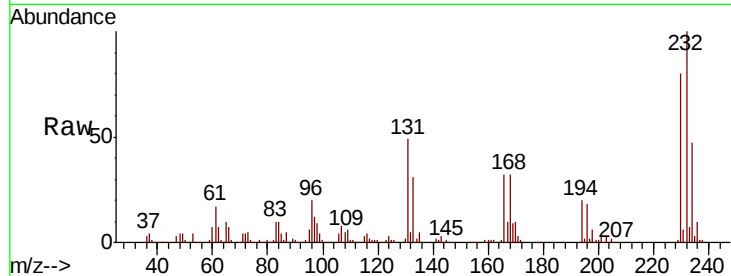
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.493 ng
 RT: 9.97 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF115142.D
 Acq: 24 Jun 2019 11:36

Instrument :
 BNA_F
 ClientSampleId :
 PB120777BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		599278		
131	46.2	37.4	56.0		
130	2.1	1.8	2.6		
166	30.4	24.6	36.8		

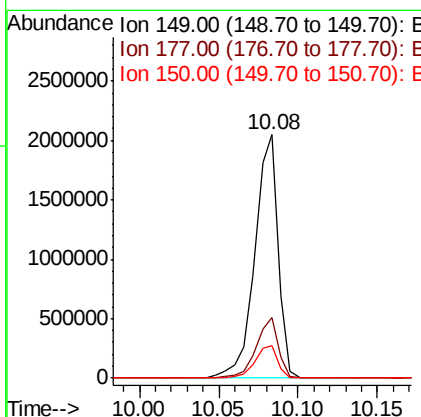
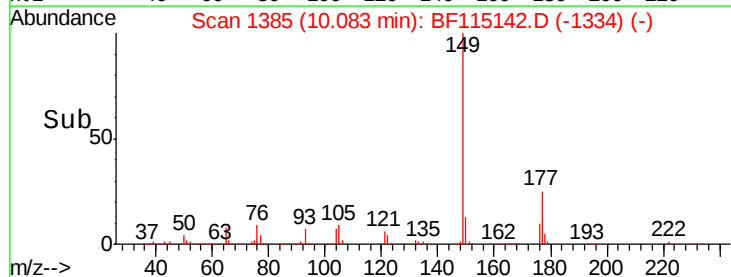
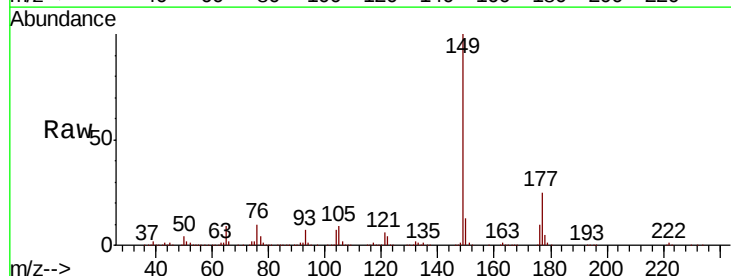
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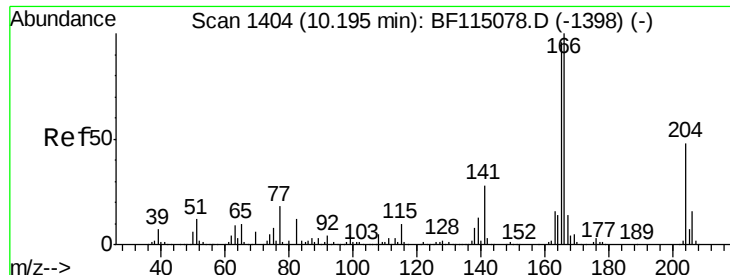
mohammad
 6/28/2019 8:25:02 AM



#60
 Diethylphthalate
 Concen: 41.408 ng
 RT: 10.08 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: BF115142.D
 Acq: 24 Jun 2019 11:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		2095265		
177	25.0	18.7	28.1		
150	13.4	10.4	15.6		





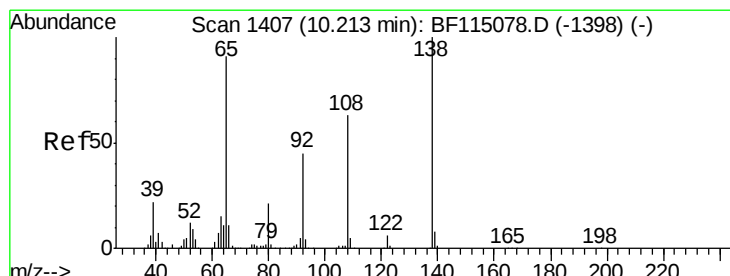
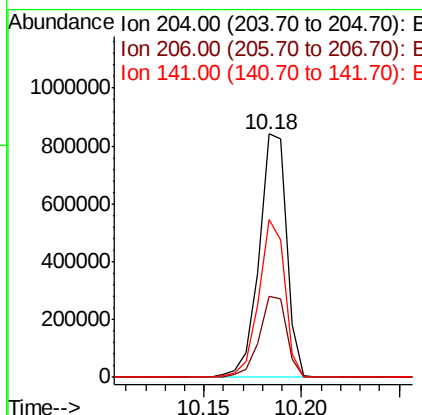
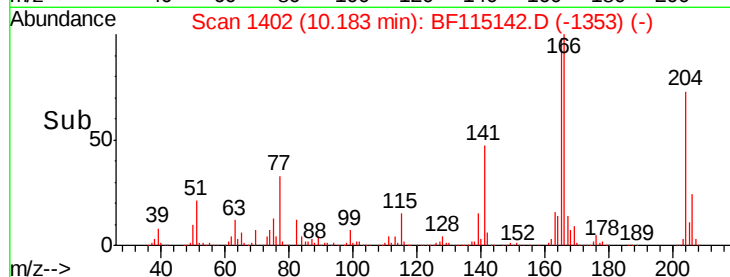
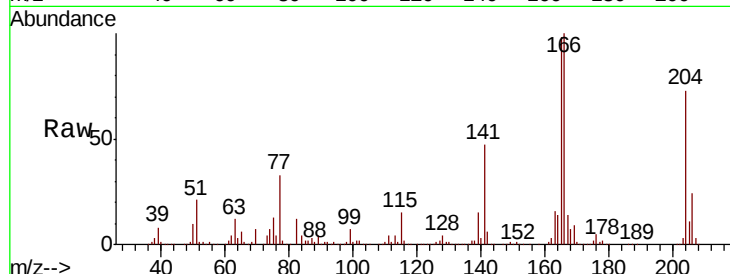
#61
4-Chlorophenyl-phenylether
Concen: 41.446 ng
RT: 10.18 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Instrument :
BNA_F
ClientSampleID :
PB120777BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.6	40.0
141	64.7	46.7	70.1

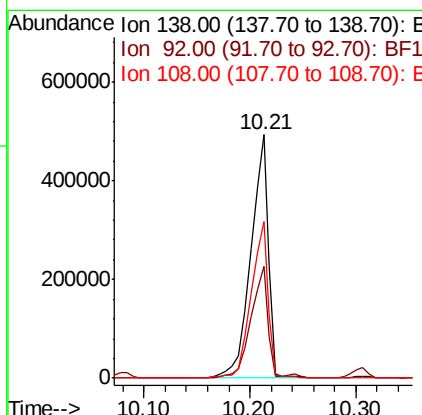
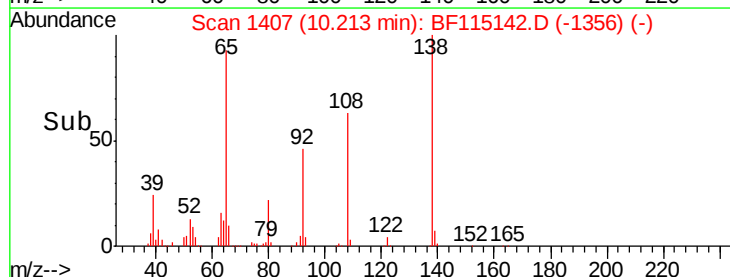
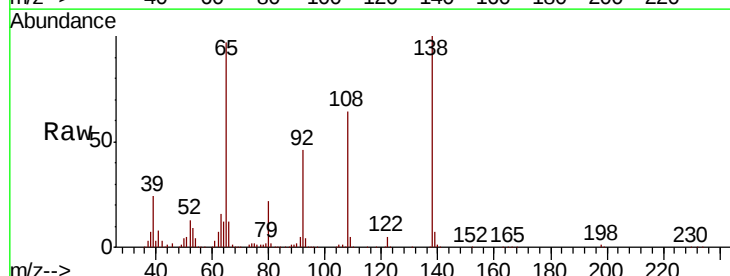
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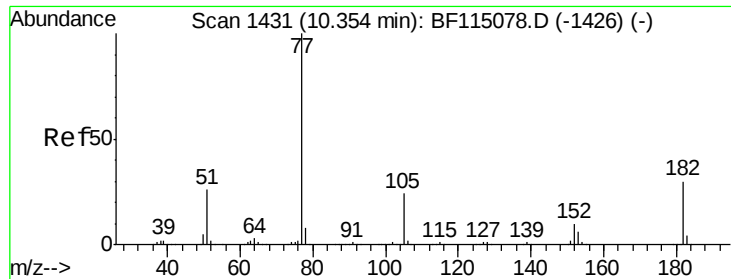
mohammad
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#62
4-Nitroaniline
Concen: 40.510 ng
RT: 10.21 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.8	24.8	64.8
108	64.1	43.3	83.3





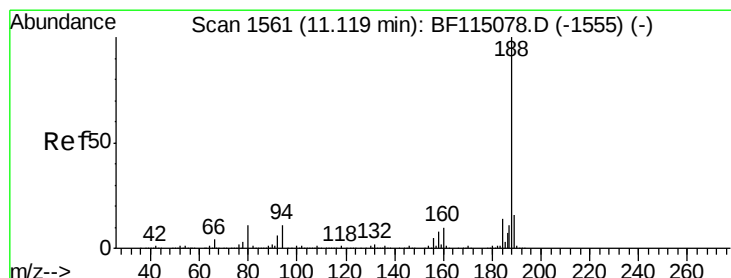
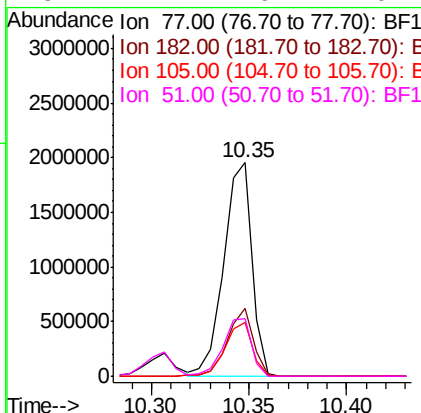
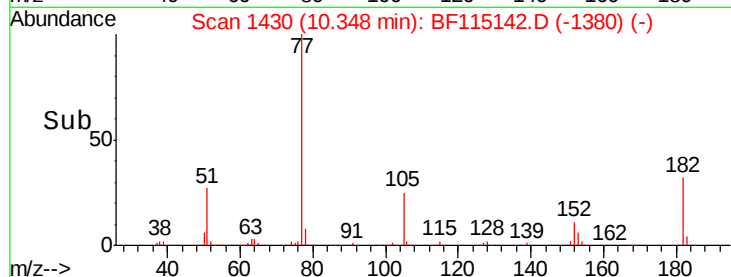
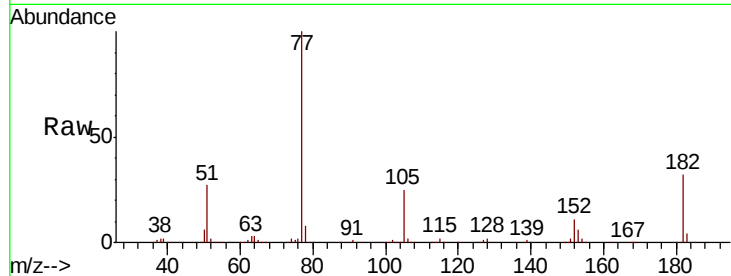
#63
Azobenzene
Concen: 41.394 ng
RT: 10.35 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	31.5	10.1	50.1	
105	25.2	4.5	44.5	
51	27.1	6.4	46.4	

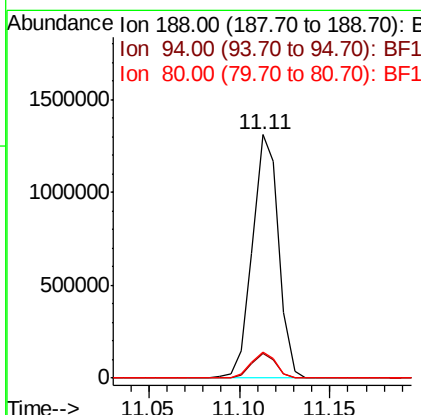
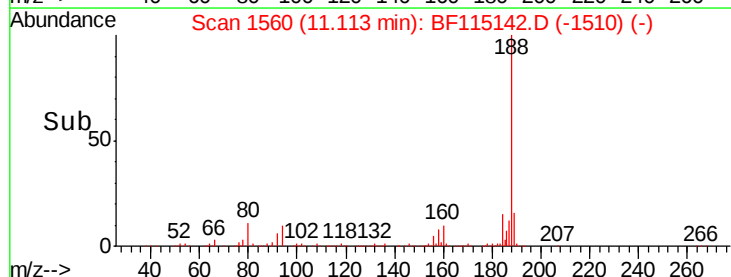
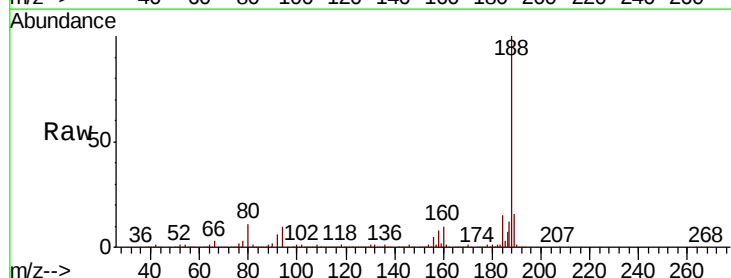
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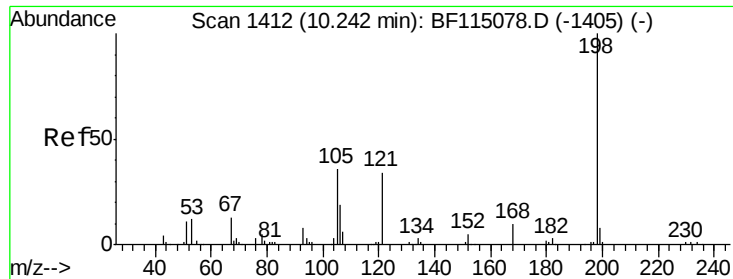
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.3	8.6	12.8	
80	10.6	8.8	13.2	





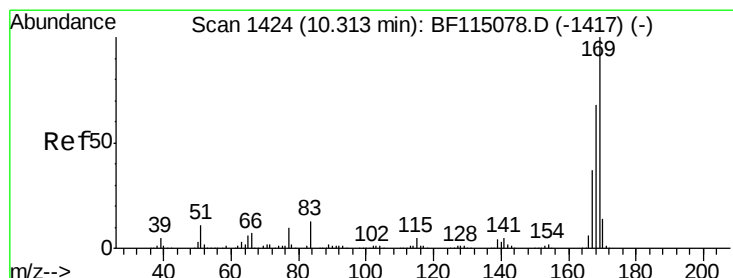
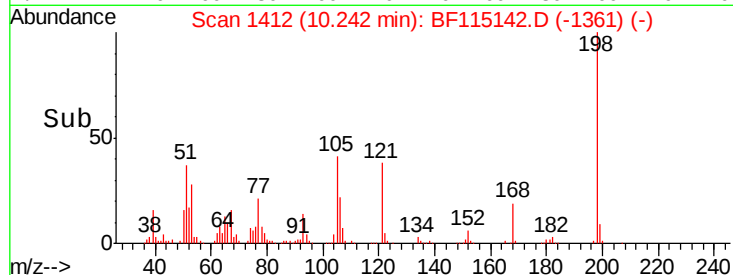
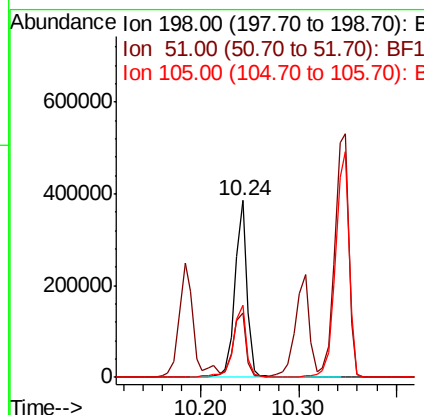
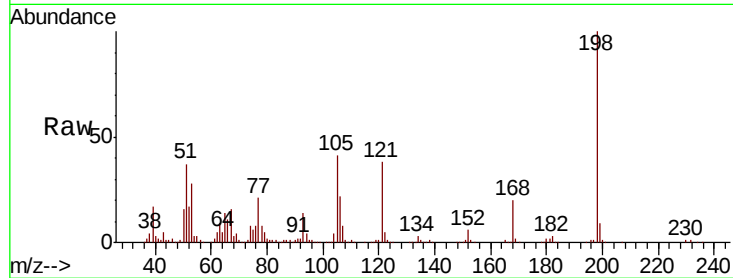
#65
4,6-Dinitro-2-methylphenol
Concen: 47.384 ng
RT: 10.24 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	36.7	11.0	51.0
105	41.1	17.3	57.3

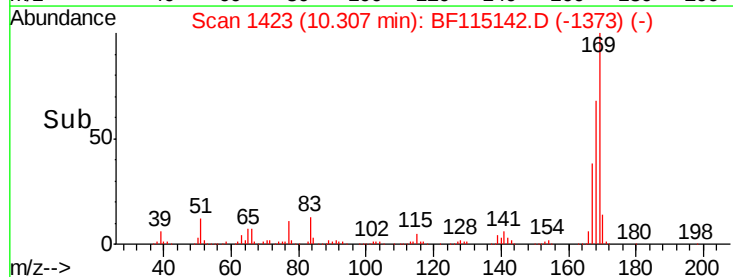
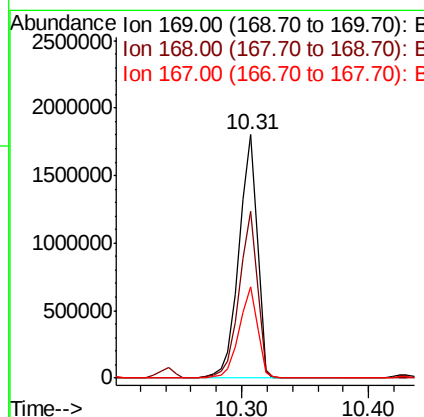
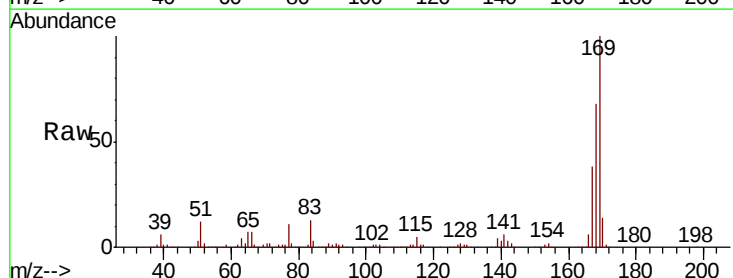
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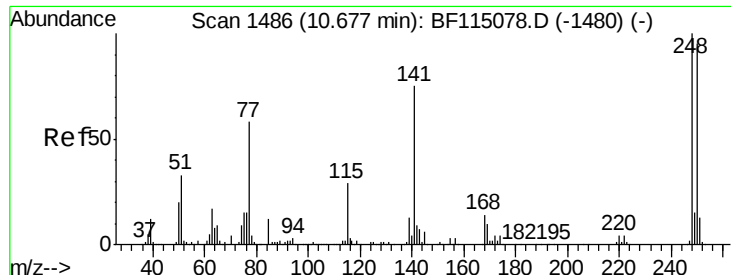
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 43.505 ng
RT: 10.31 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.3	54.2	81.4
167	37.7	29.4	44.0





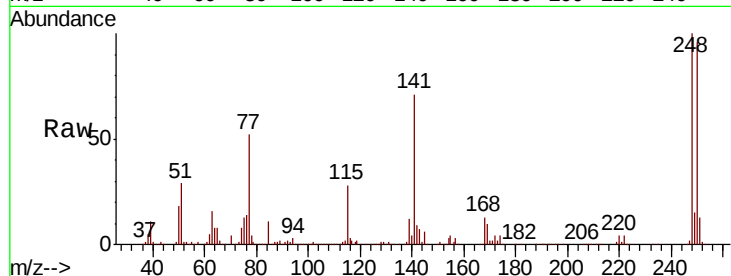
#67
 4-Bromophenyl-phenylether
 Concen: 43.646 ng
 RT: 10.67 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: BF115142.D
 Acq: 24 Jun 2019 11:36

Instrument :
 BNA_F
 ClientSampleID :
 PB120777BS

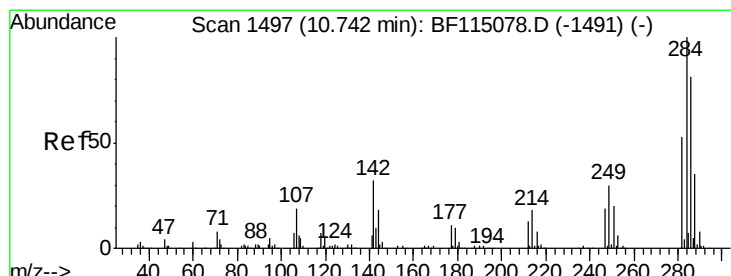
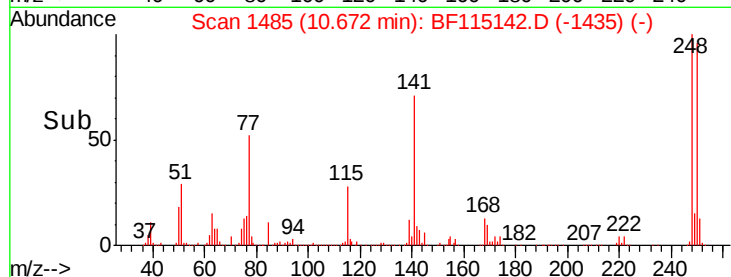
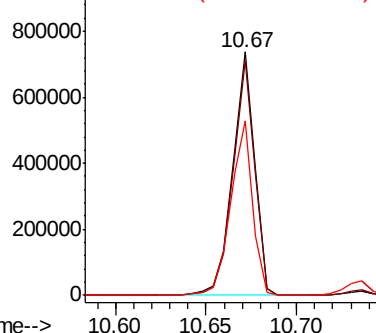
Tot Ion:	248	Resp:	622114
Ion Ratio	Lower	Upper	
248	100		
250	96.2	76.2	114.2
141	71.5	59.6	89.4

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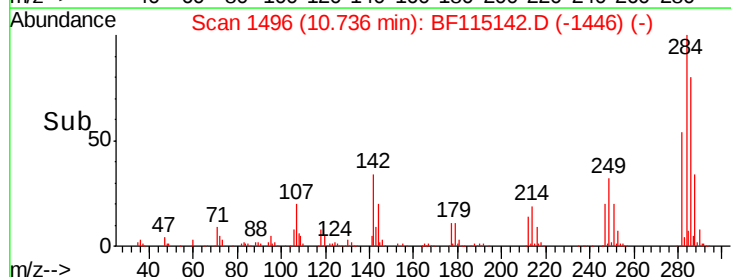
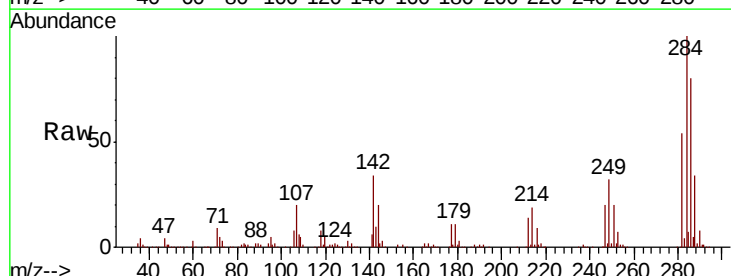
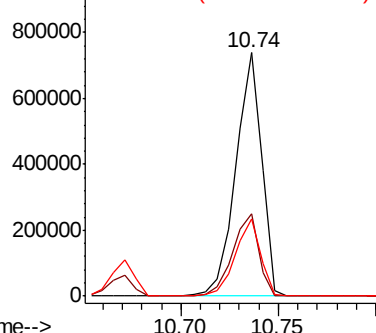
Abundance Ion 248.00 (247.70 to 248.70): E
 1000000 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

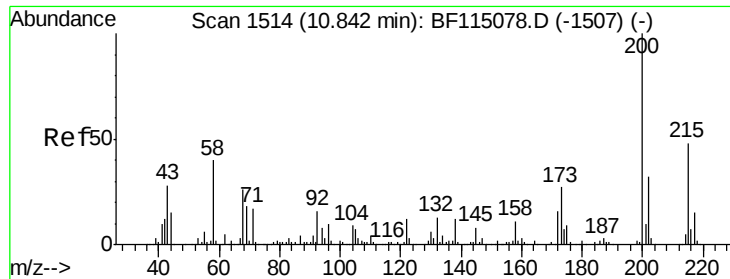


#68
 Hexachlorobenzene
 Concen: 43.882 ng
 RT: 10.74 min Scan# 1496
 Delta R.T. -0.01 min
 Lab File: BF115142.D
 Acq: 24 Jun 2019 11:36

Tgt Ion:	284	Resp:	678928
Ion Ratio	Lower	Upper	
284	100		
142	33.8	25.8	38.8
249	32.0	24.2	36.4

Abundance Ion 283.80 (283.50 to 284.50): E
 1000000 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





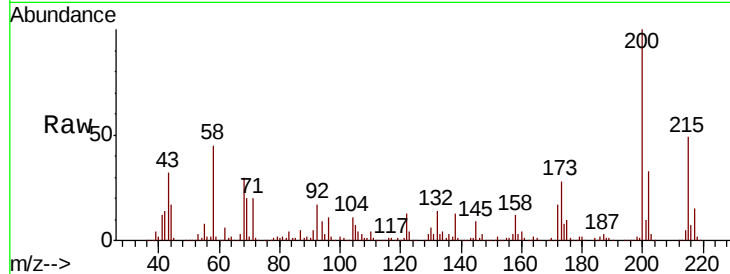
#69
 Atrazine
 Concen: 43.499 ng
 RT: 10.84 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF115142.D
 Acq: 24 Jun 2019 11:36

Instrument :
 BNA_F
 ClientSampleId :
 PB120777BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.8	7.4	47.4
215	48.7	27.8	67.8

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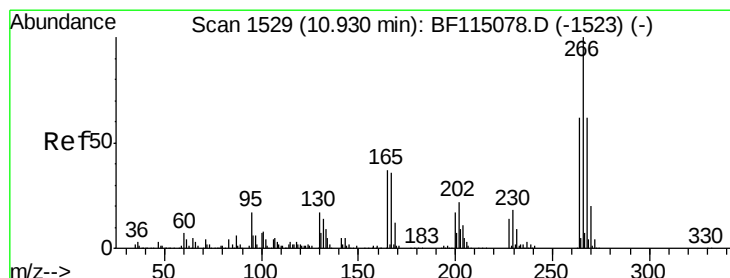
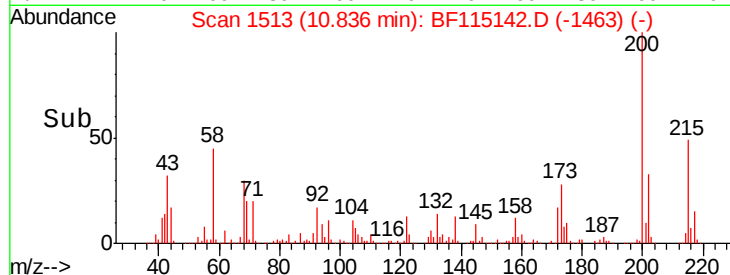
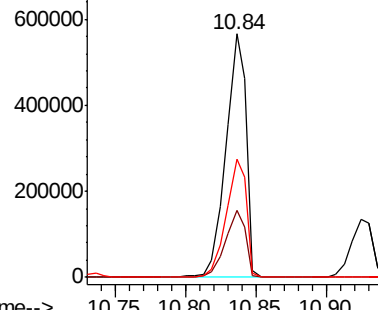


Abundance

Ion 200.00 (199.70 to 200.70): E

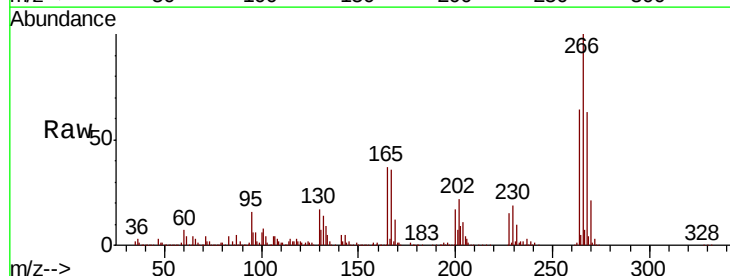
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 82.477 ng
 RT: 10.93 min Scan# 1529
 Delta R.T. 0.00 min
 Lab File: BF115142.D
 Acq: 24 Jun 2019 11:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.1	49.5	74.3
264	64.0	49.3	73.9

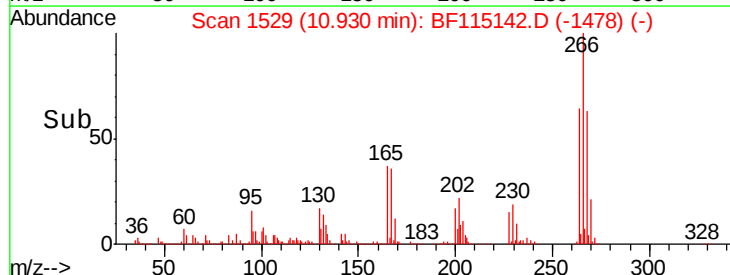
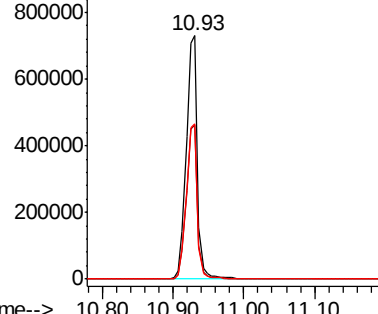


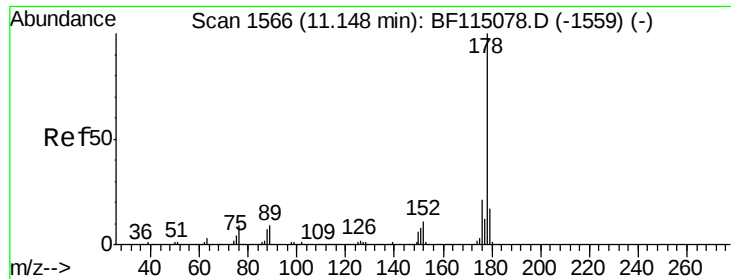
Abundance

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





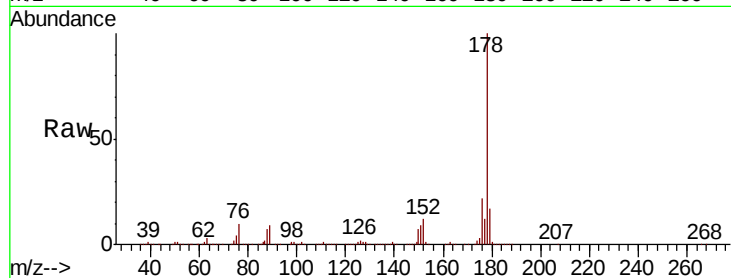
#71
Phenanthrene
Concen: 40.000 ng
RT: 11.14 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Instrument :
BNA_F
ClientSampleId :
PB120777BS

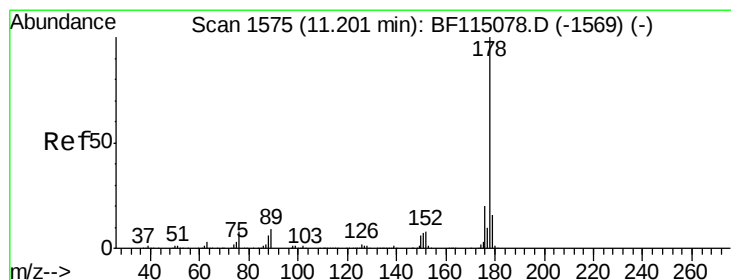
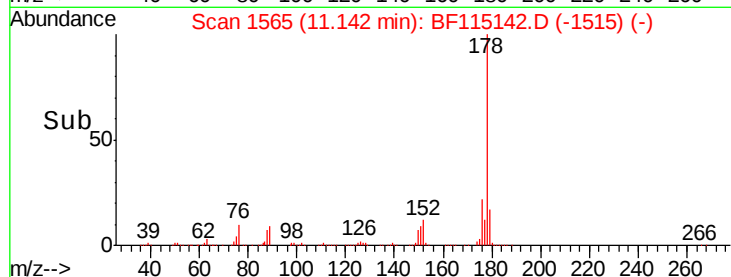
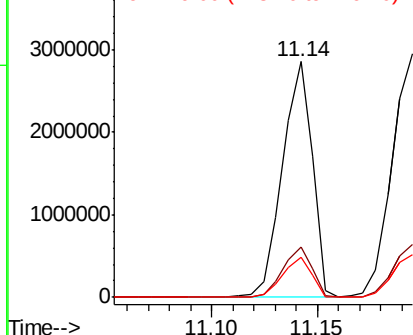
Tot Ion	Ratio	Lower	Upper
178	100		
176	21.6	16.9	25.3
179	17.2	13.2	19.8

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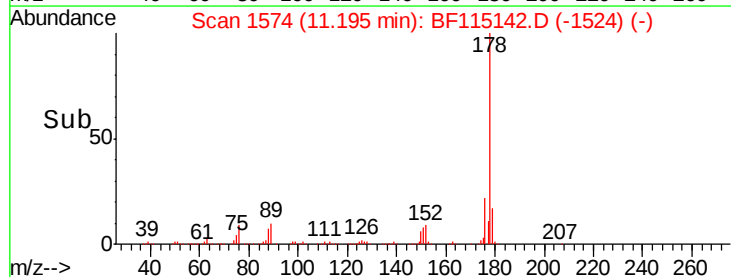
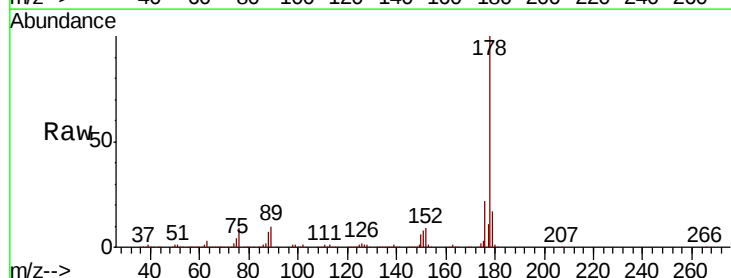
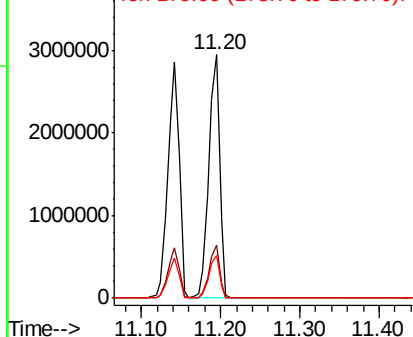
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 39.629 ng
RT: 11.20 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.5	16.1	24.1
179	17.5	12.9	19.3

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





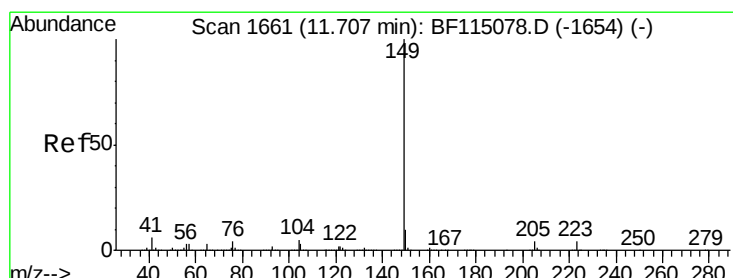
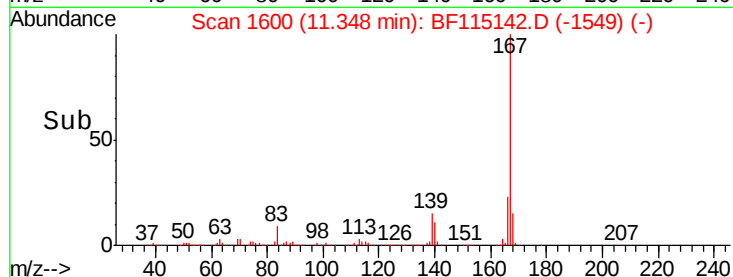
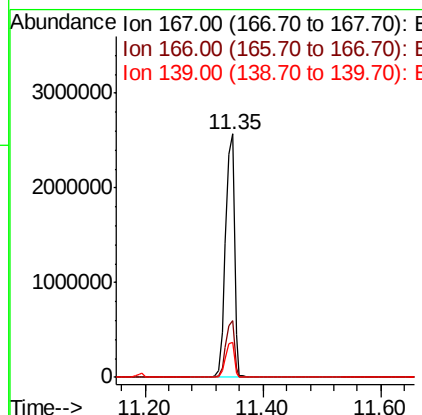
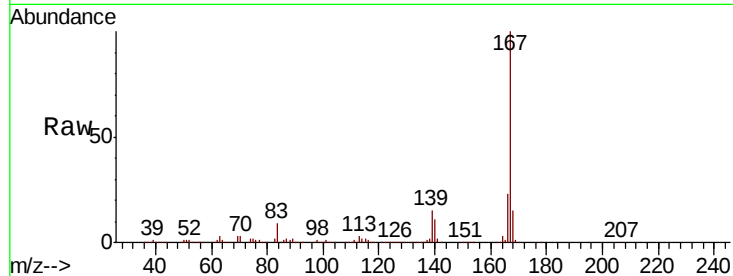
#73
 Carbazole
 Concen: 41.238 ng
 RT: 11.35 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF115142.D
 Acq: 24 Jun 2019 11:36

Instrument :
 BNA_F
 ClientSampleId :
 PB120777BS

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	23.4	18.0	27.0	
139	14.6	11.1	16.7	

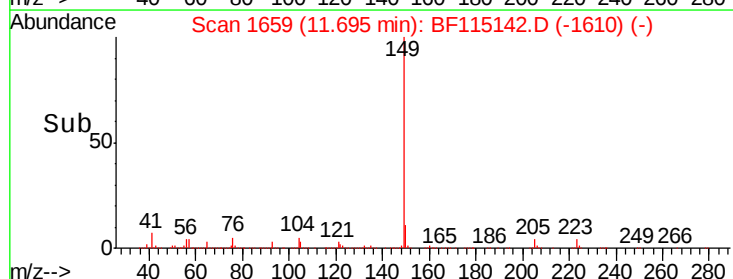
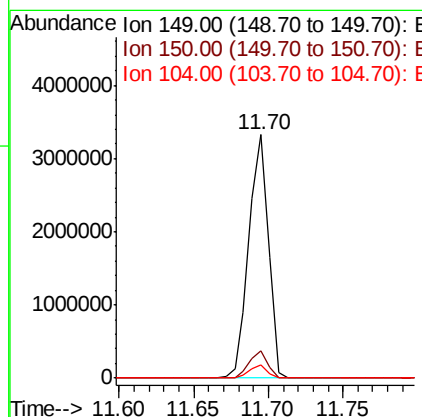
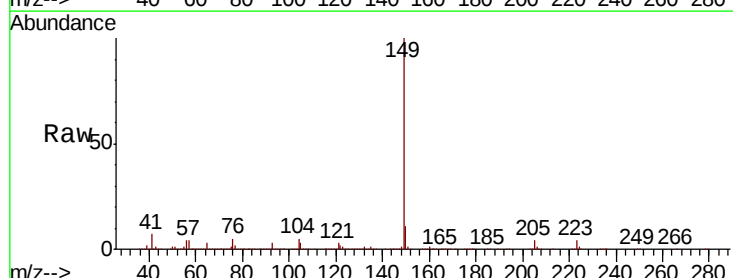
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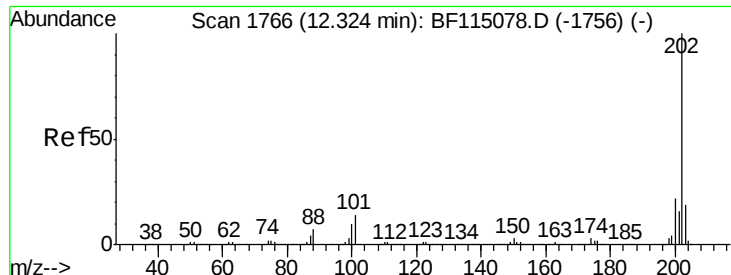
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#74
 Di-n-butylphthalate
 Concen: 41.026 ng
 RT: 11.70 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BF115142.D
 Acq: 24 Jun 2019 11:36

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	11.0	7.8	11.8	
104	5.4	3.7	5.5	





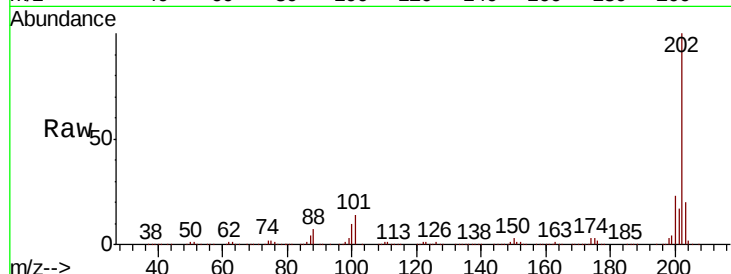
#75
Fluoranthene
Concen: 41.569 ng
RT: 12.32 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	34.0
203	19.5	0.0	38.8

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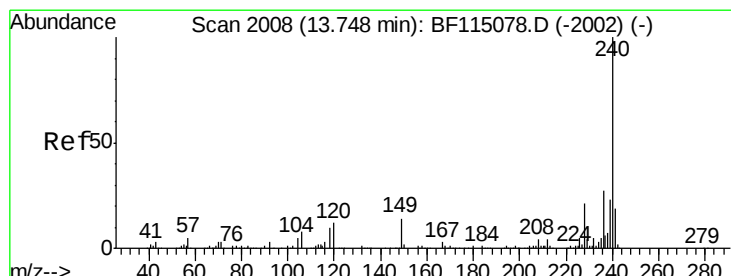
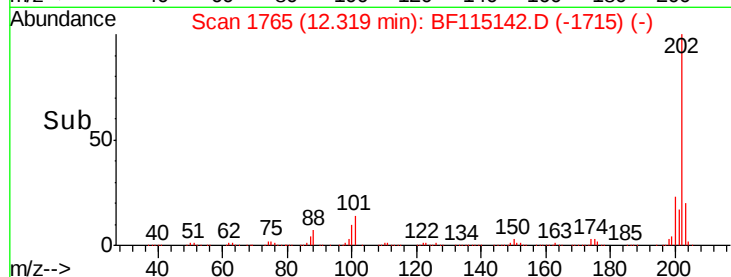
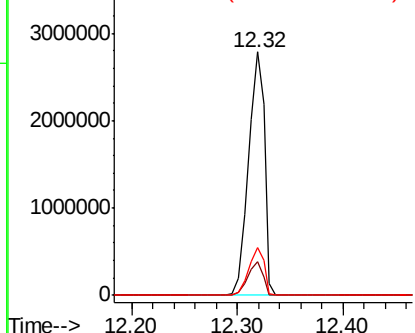


Abundance

Ion 202.00 (201.70 to 202.70): E

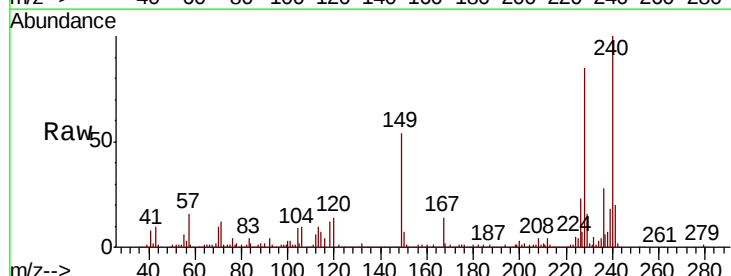
Ion 101.00 (100.70 to 101.70): E

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: BF115142.D
Acq: 24 Jun 2019 11:36

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.6	9.4	14.2
236	27.8	21.7	32.5

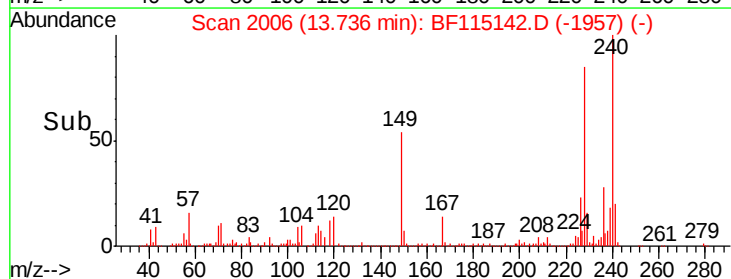
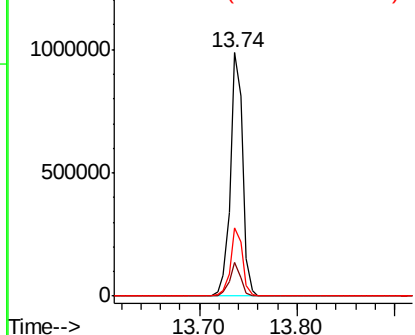


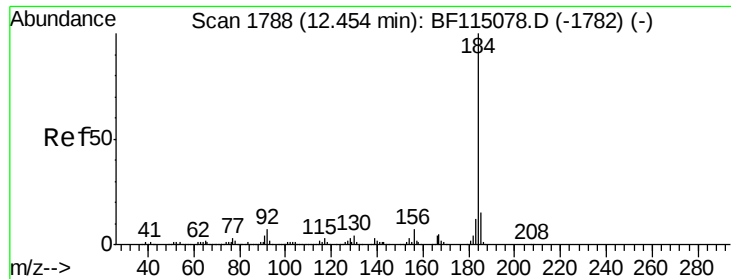
Abundance

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: 24.537 ng

RT: 12.44 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Instrument :

BNA_F

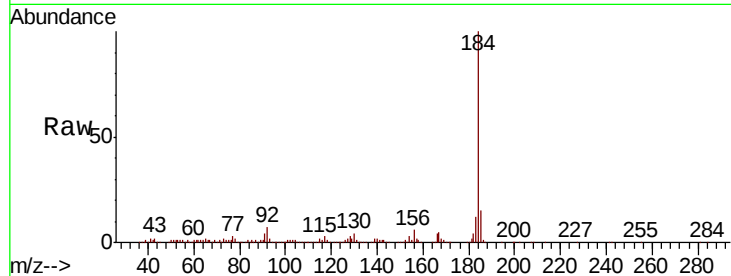
ClientSampleId :

PB120777BS

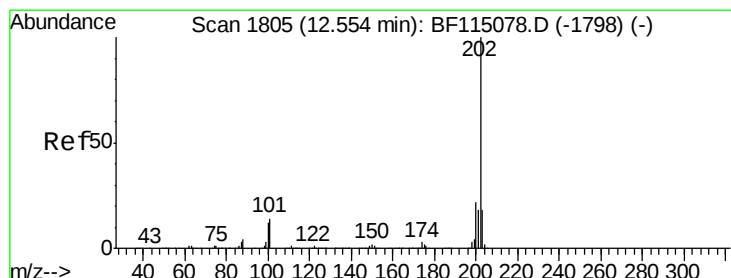
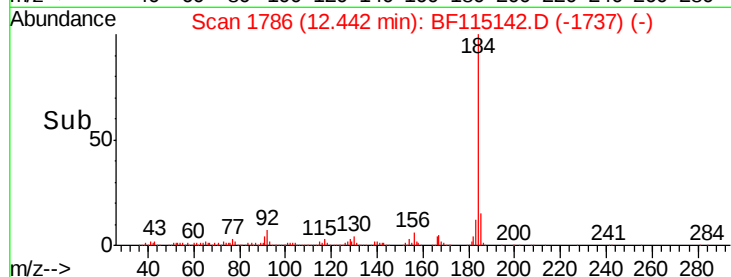
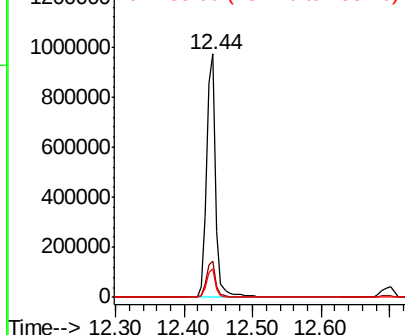
Tot Ion:	184	Resp:	936396
Ion Ratio	Lower	Upper	
184	100		
185	14.7	12.2	18.2
183	11.8	9.6	14.4

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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: 44.397 ng

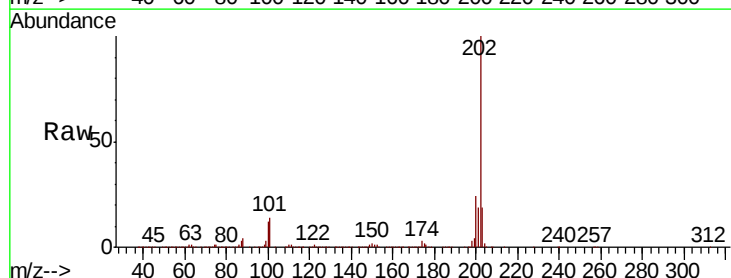
RT: 12.55 min Scan# 1804

Delta R.T. -0.01 min

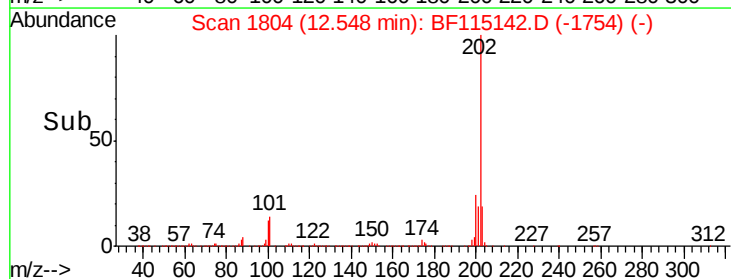
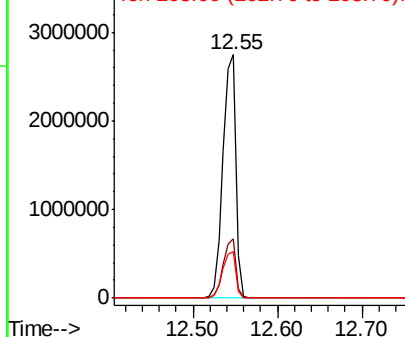
Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Tgt Ion:	202	Resp:	2932426
Ion Ratio	Lower	Upper	
202	100		
200	24.1	17.9	26.9
203	19.3	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





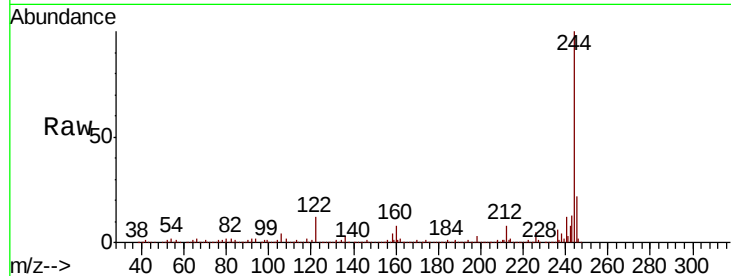
#79
 Terphenyl-d14
 Concen: 88.683 ng
 RT: 12.70 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF115142.D
 Acq: 24 Jun 2019 11:36

Instrument :
 BNA_F
 ClientSampleId :
 PB120777BS

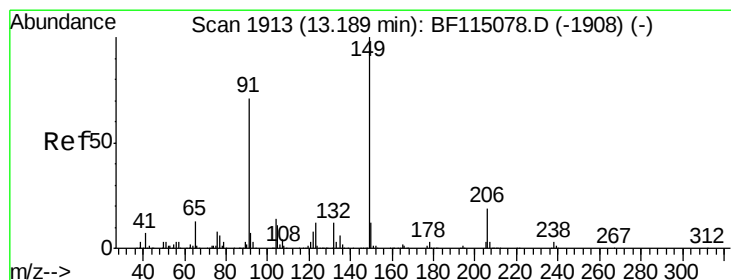
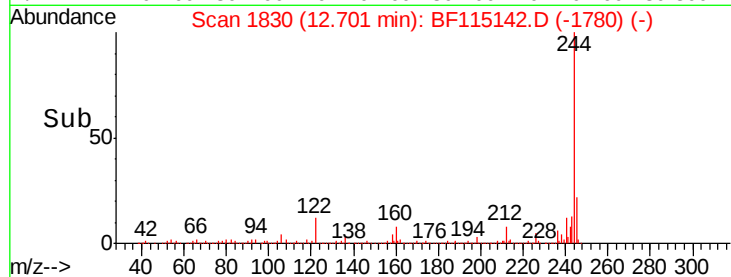
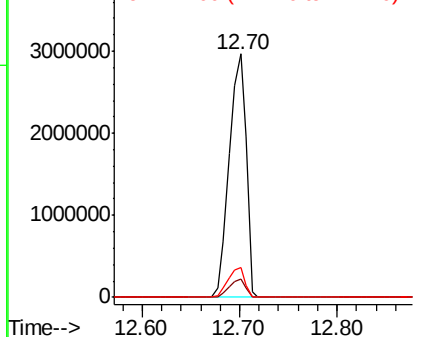
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.6
122	12.2	10.4	15.6

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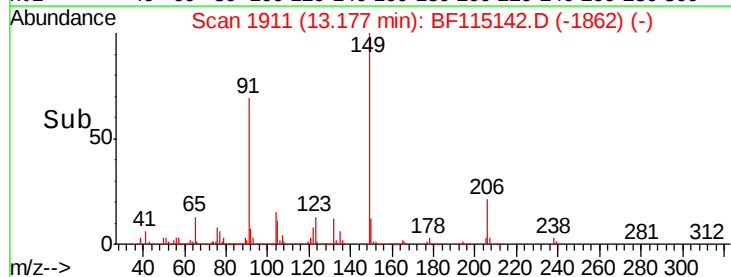
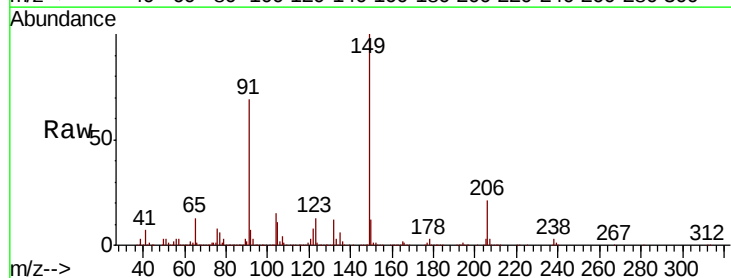
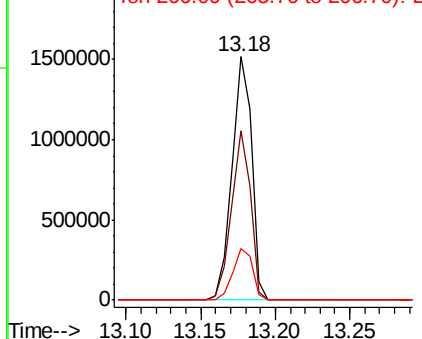
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

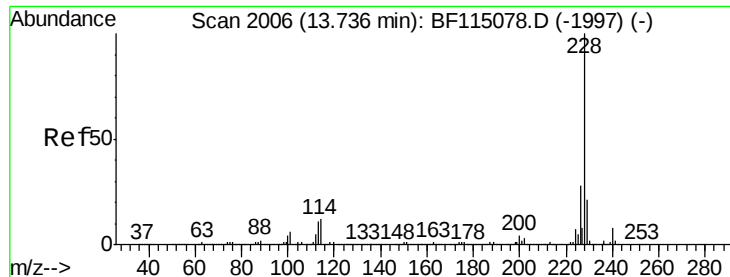


#80
 Butylbenzylphthalate
 Concen: 48.891 ng
 RT: 13.18 min Scan# 1911
 Delta R.T. -0.01 min
 Lab File: BF115142.D
 Acq: 24 Jun 2019 11:36

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.5	56.5	84.7
206	21.3	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





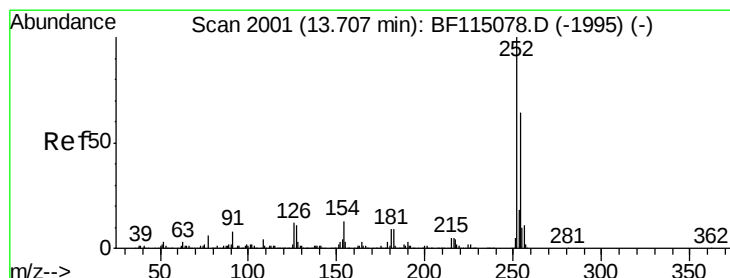
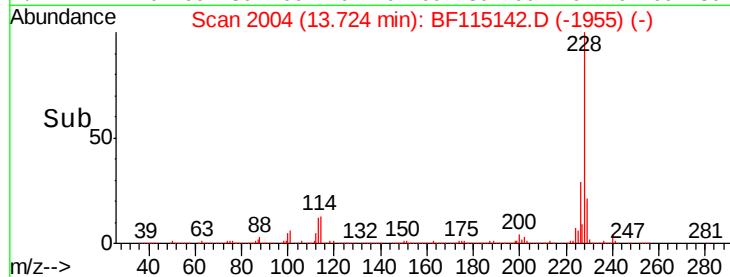
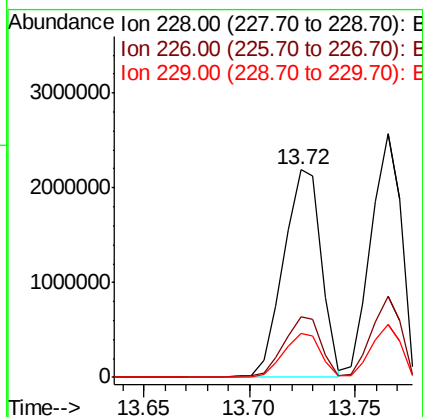
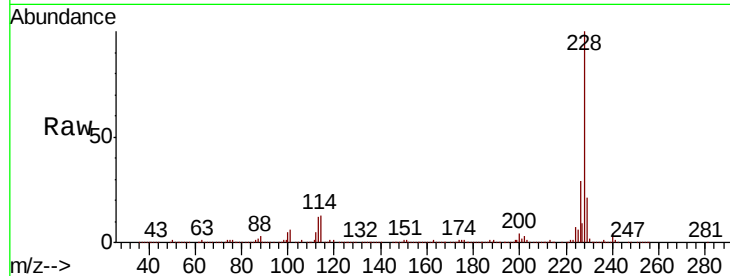
#81
Benzo(a)anthracene
Concen: 44.361 ng
RT: 13.72 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.5	33.7
229	21.4	16.6	24.8

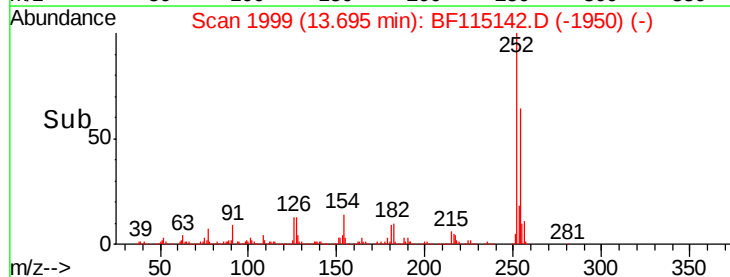
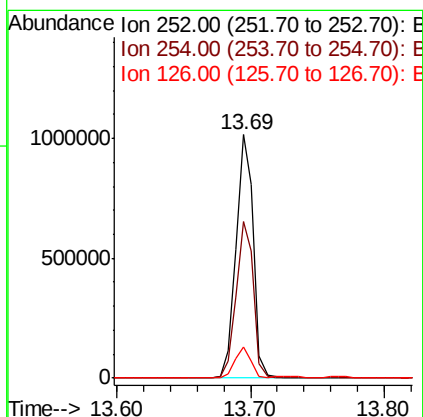
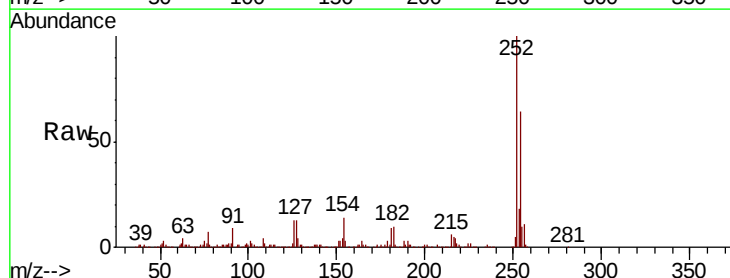
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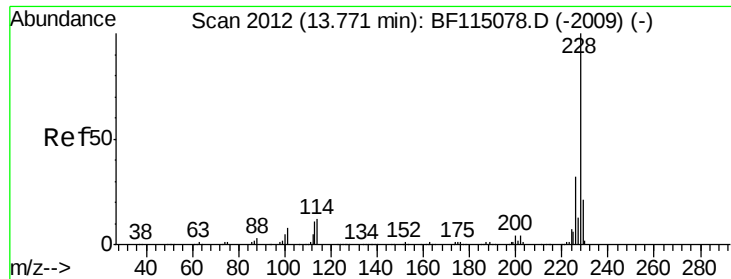
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#82
3,3'-Dichlorobenzidine
Concen: 41.397 ng
RT: 13.69 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.1	76.7
126	12.8	9.4	14.0





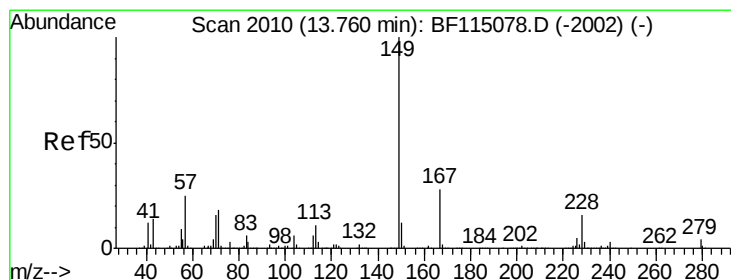
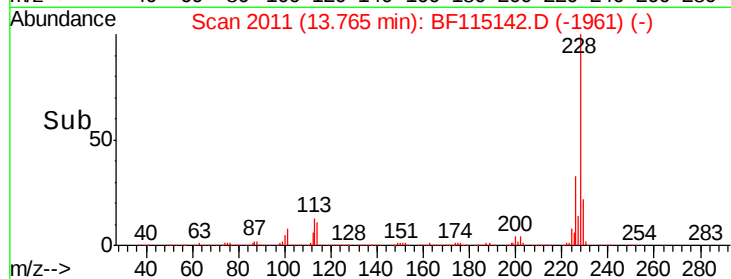
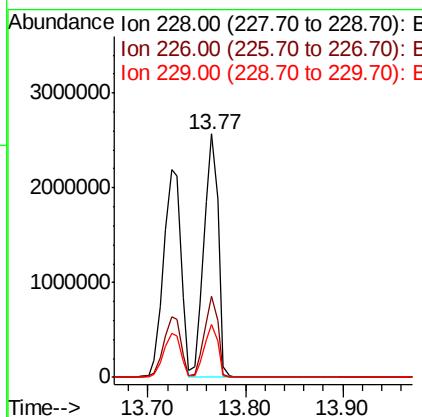
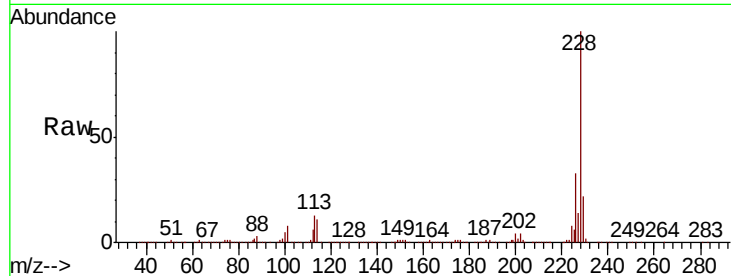
#83
 Chrysene
 Concen: 45.903 ng
 RT: 13.77 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF115142.D
 Acq: 24 Jun 2019 11:36

Instrument :
 BNA_F
 ClientSampleId :
 PB120777BS

Tot Ion:228 Resp: 2593025
 Ion Ratio Lower Upper
 228 100
 226 33.4 25.4 38.0
 229 21.8 16.5 24.7

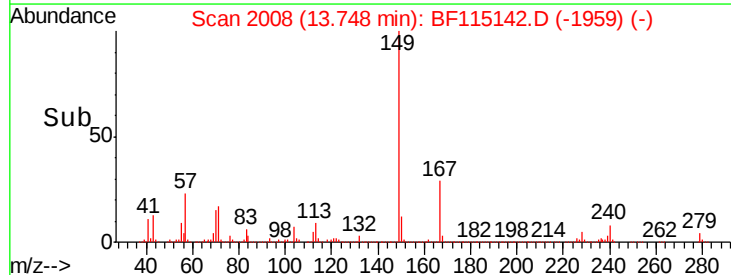
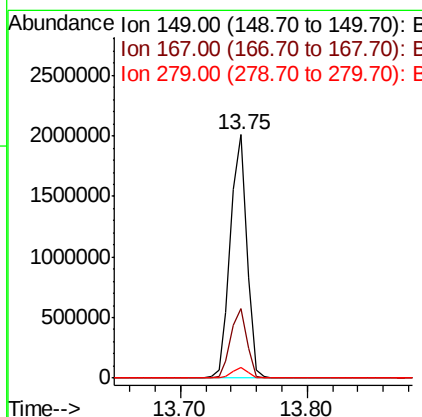
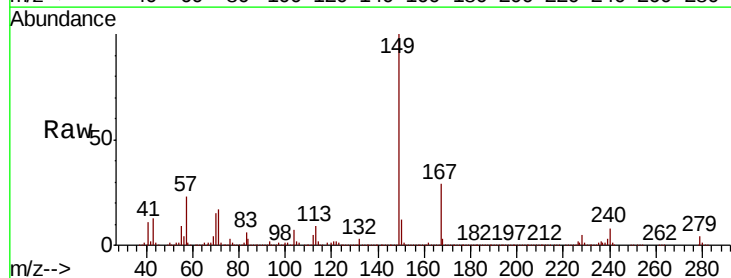
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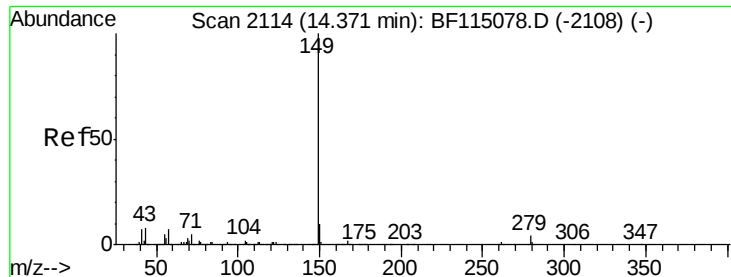
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.200 ng
 RT: 13.75 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF115142.D
 Acq: 24 Jun 2019 11:36

Tgt Ion:149 Resp: 1802726
 Ion Ratio Lower Upper
 149 100
 167 28.6 22.2 33.4
 279 4.4 2.9 4.3#





#85

Di-n-octyl phthalate

Concen: 48.279 ng

RT: 14.36 min Scan# 2112

Delta R.T. -0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

Instrument :

BNA_F

ClientSampleId :

PB120777BS

Tot Ion:149 Resp: 3098119

Ion Ratio Lower Upper

149 100

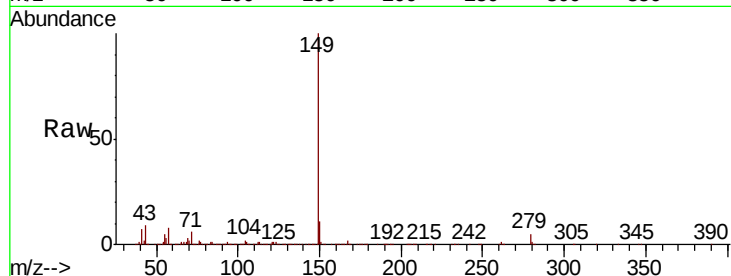
167 1.7 1.2 1.8

43 9.0 7.0 10.6

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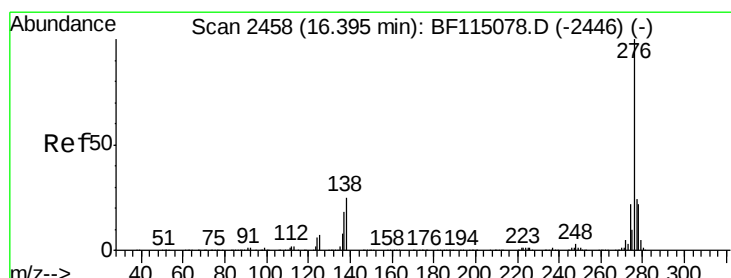
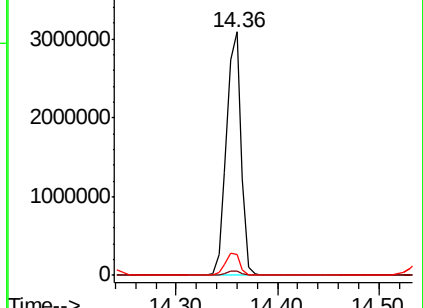
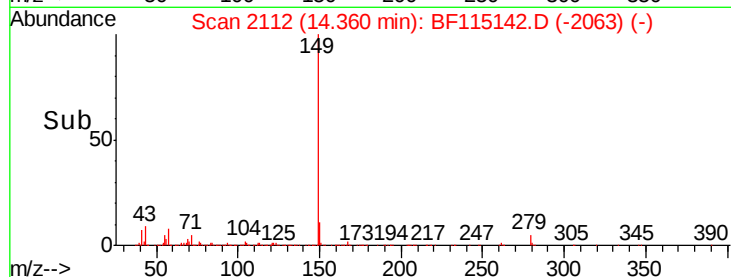
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.433 ng

RT: 16.38 min Scan# 2456

Delta R.T. -0.01 min

Lab File: BF115142.D

Acq: 24 Jun 2019 11:36

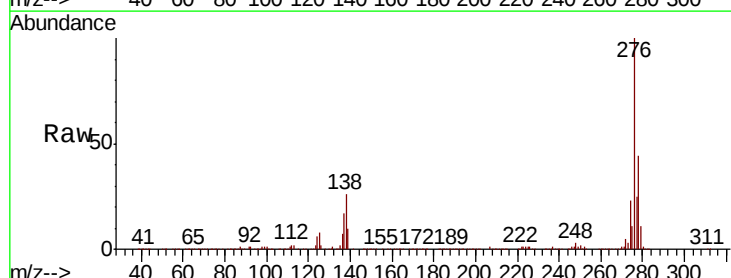
Tgt Ion:276 Resp: 2769586

Ion Ratio Lower Upper

276 100

138 28.7 23.2 34.8

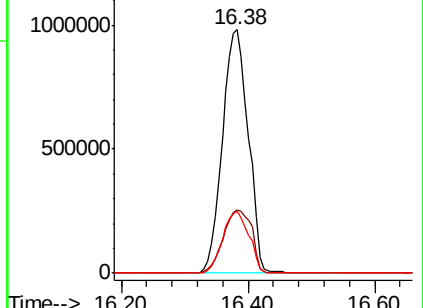
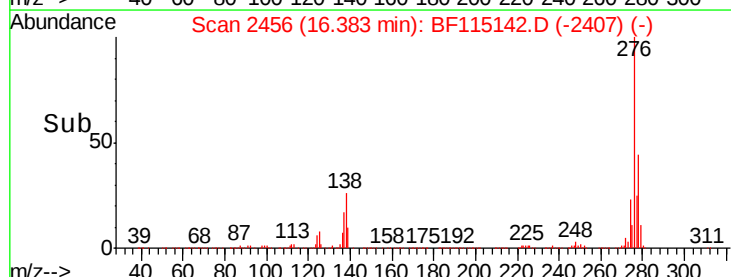
277 25.9 20.1 30.1

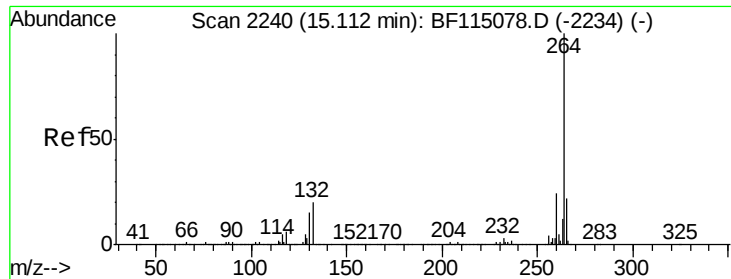


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





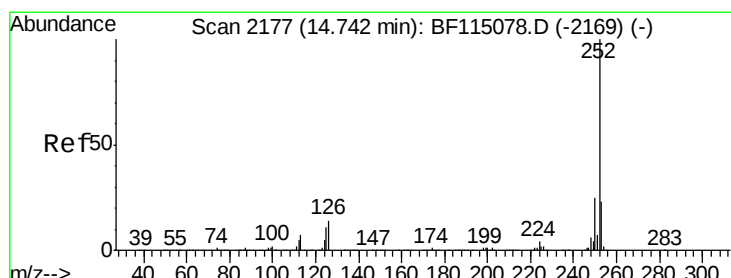
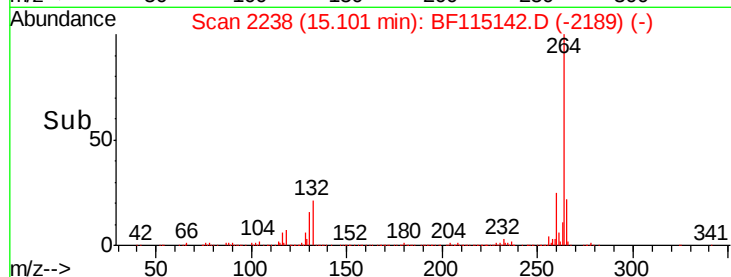
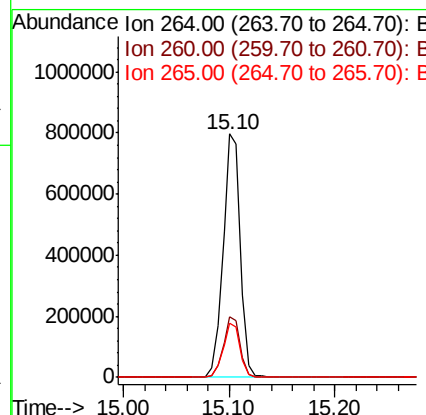
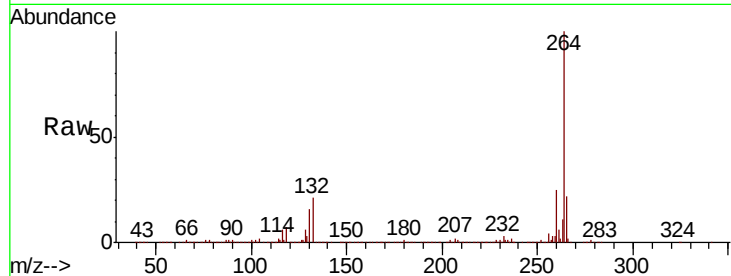
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.10 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.6	29.4
265	22.3	17.3	25.9

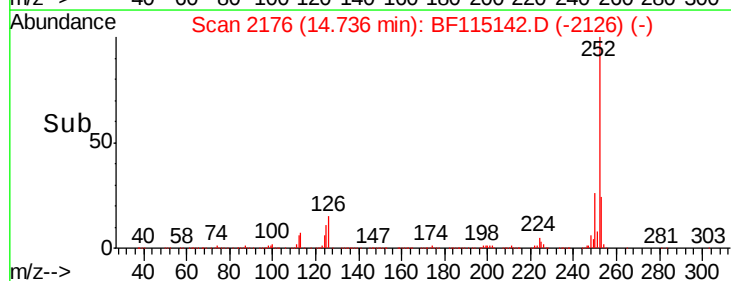
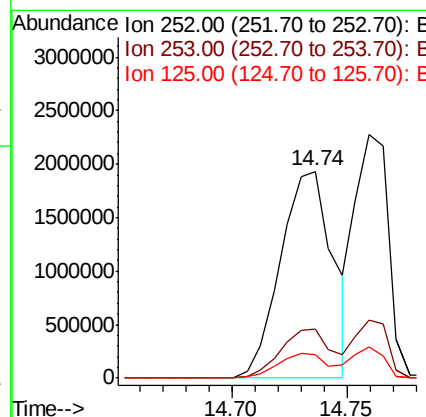
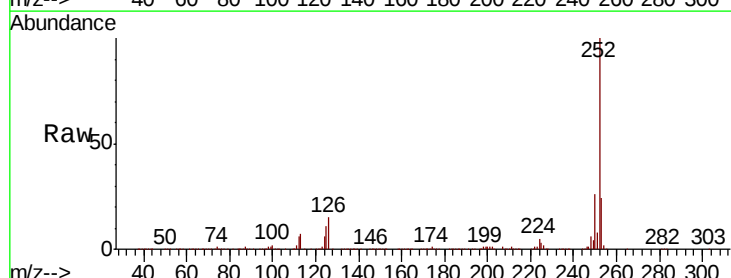
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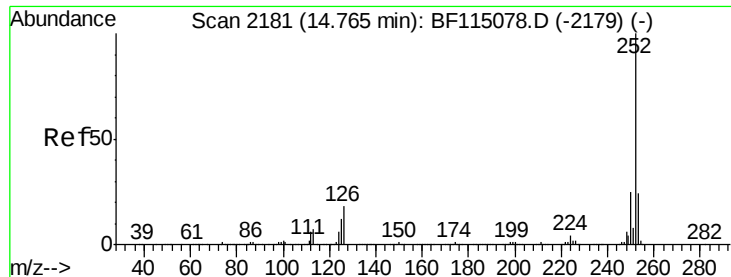
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#88
Benzo(b)fluoranthene
Concen: 53.610 ng
RT: 14.74 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	11.5	8.7	13.1





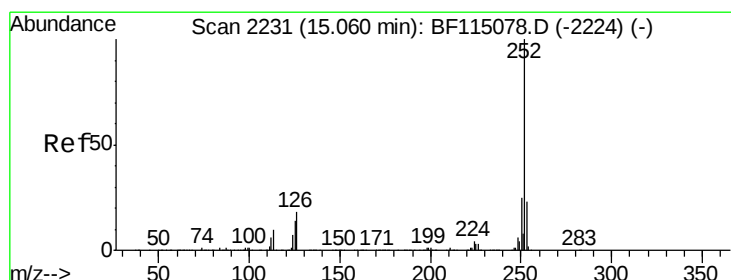
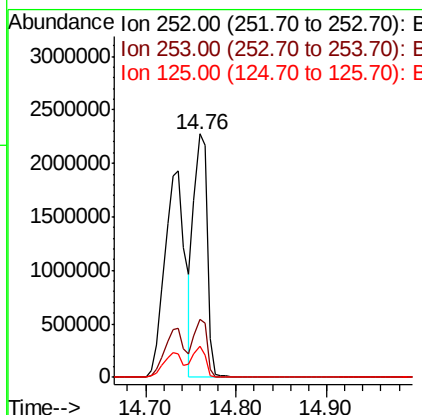
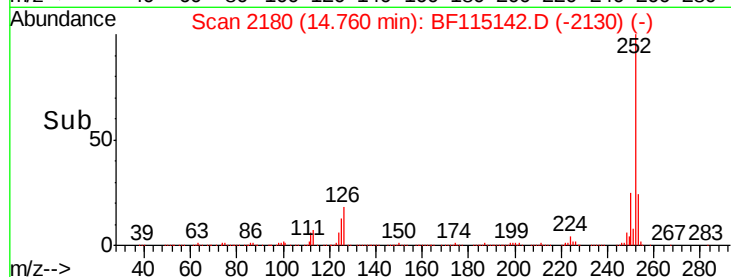
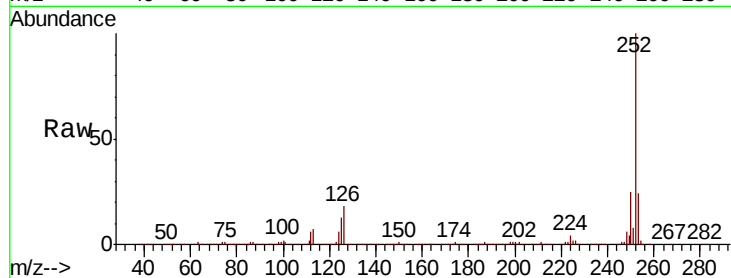
#89
Benzo(k)fluoranthene
Concen: 45.566 ng
RT: 14.76 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.9	28.3
125	12.6	10.2	15.2

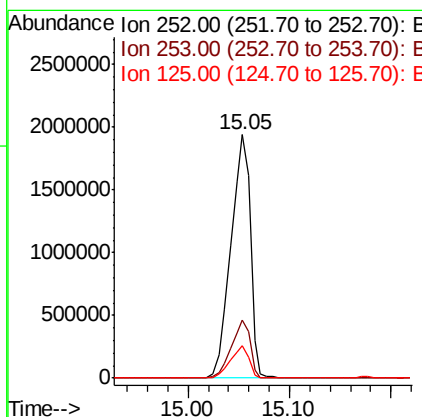
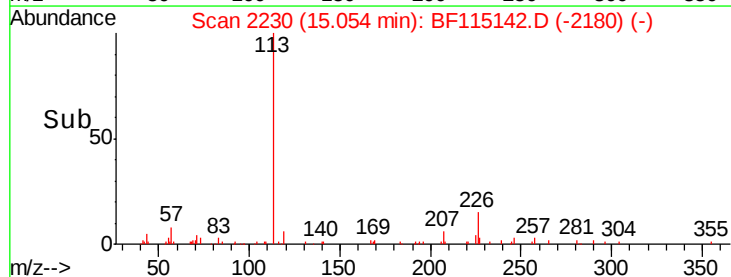
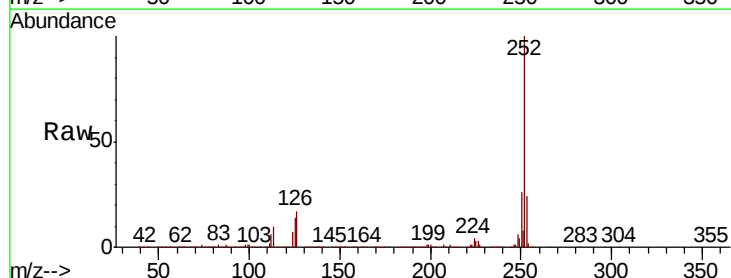
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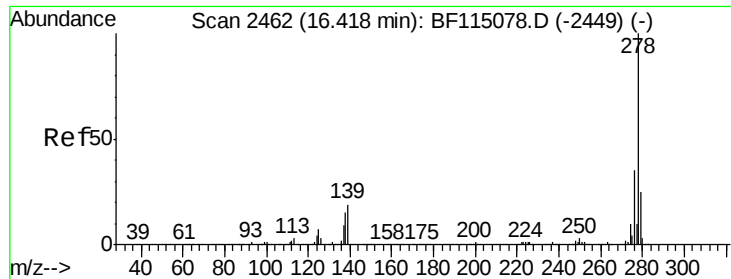
mohammad
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#90
Benzo(a)pyrene
Concen: 50.729 ng
RT: 15.05 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.3	27.5
125	13.5	10.9	16.3





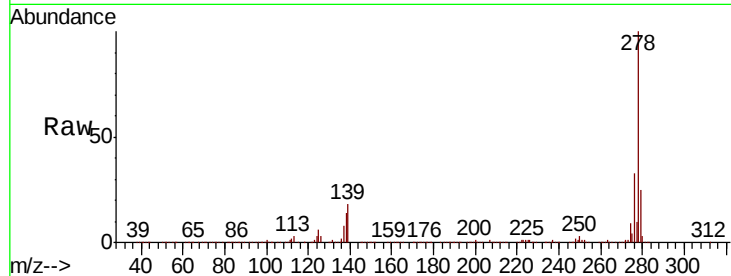
#91
Dibenzo(a,h)anthracene
Concen: 47.891 ng
RT: 16.41 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Instrument :
BNA_F
ClientSampleId :
PB120777BS

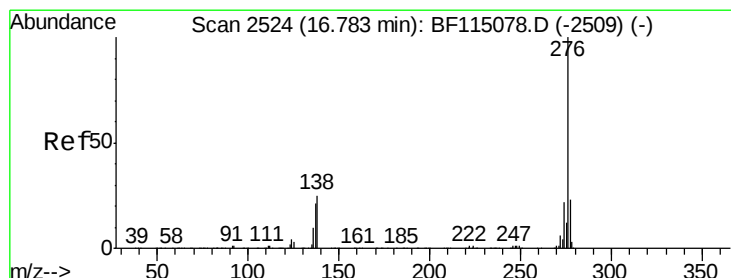
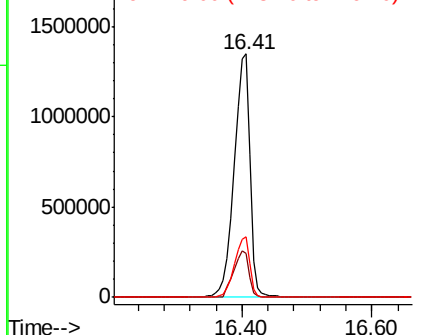
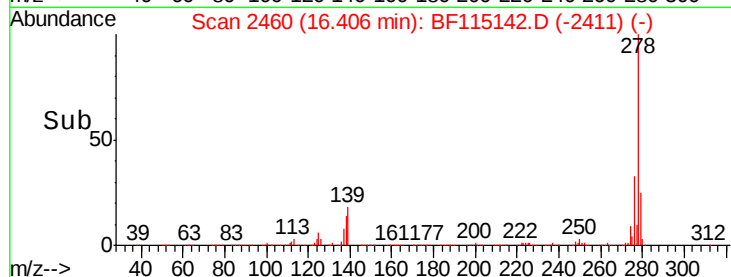
Tot Ion	Ratio	Lower	Upper
278	100		
139	17.9	15.4	23.2
279	25.1	19.9	29.9

Manual Integrations
APPROVED

mohammad
6/28/2019 8:25:02 AM

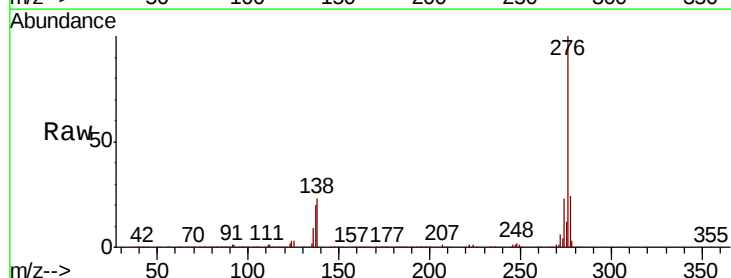


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 47.750 ng
RT: 16.77 min Scan# 2522
Delta R.T. -0.01 min
Lab File: BF115142.D
Acq: 24 Jun 2019 11:36

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	28.0
138	23.4	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

