

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115104.D
 Acq On : 22 Jun 2019 3:09
 Operator : HP/JU
 Sample : PB120595BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120595BS

Manual Integrations
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mohammad
 6/25/2019 12:41:38 PM

Quant Time: Jun 22 05:33:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 21 17:55:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	271958	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1064416	20.00	ng	0.00
39) Acenaphthene-d10	9.65	164	531505	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	1045967	20.00	ng	0.00
76) Chrysene-d12	13.74	240	737600	20.00	ng	0.00
87) Perylene-d12	15.11	264	831742	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1970368	111.80	ng	0.02
7) Phenol-d6	6.26	99	2428864	113.55	ng	0.00
23) Nitrobenzene-d5	7.18	82	1502426	86.83	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	696523	124.27	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	2806577	89.69	ng	0.00
79) Terphenyl-d14	12.71	244	2980697	85.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	303676	36.511	ng	100
3) Pyridine	2.94	79	854097	36.434	ng	98
4) n-Nitrosodimethylamine	2.89	42	362790	39.476	ng	99
6) Aniline	6.28	93	761172	25.892	ng	# 78
8) 2-Chlorophenol	6.40	128	811097	40.930	ng	99
9) Benzaldehyde	6.15	77	169057	12.114	ng	97
10) Phenol	6.27	94	934489	37.296	ng	96
11) bis(2-Chloroethyl)ether	6.36	93	747967	40.497	ng	100
12) 1,3-Dichlorobenzene	6.55	146	871398	39.622	ng	99
13) 1,4-Dichlorobenzene	6.63	146	883948	40.082	ng	98
14) 1,2-Dichlorobenzene	6.78	146	820605	40.180	ng	98
15) Benzyl Alcohol	6.77	79	599572	38.494	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1080239	40.325	ng	100
17) 2-Methylphenol	6.88	107	684346	41.838	ng	99
18) Hexachloroethane	7.13	117	321097	40.386	ng	98
19) n-Nitroso-di-n-propylamine	7.04	70	539637	39.406	ng	98
20) 3+4-Methylphenols	7.03	107	780151	41.306	ng	95
22) Acetophenone	7.03	105	1074073	44.077	ng	# 98
24) Nitrobenzene	7.20	77	823878	43.219	ng	99
25) Isophorone	7.44	82	1557327	43.935	ng	99
26) 2-Nitrophenol	7.51	139	442319	46.985	ng	98
27) 2,4-Dimethylphenol	7.56	122	767597	49.800	ng	100
28) bis(2-Chloroethoxy)methane	7.66	93	959380	42.822	ng	99
29) 2,4-Dichlorophenol	7.75	162	717730	45.122	ng	97
30) 1,2,4-Trichlorobenzene	7.84	180	773819	44.042	ng	99
31) Naphthalene	7.92	128	2298012	43.982	ng	99
32) Benzoic acid	7.70	122	587784	53.424	ng	100
33) 4-Chloroaniline	7.97	127	496280	20.783	ng	100
34) Hexachlorobutadiene	8.05	225	413800	42.977	ng	99
35) Caprolactam	8.34	113	228874m	42.797	ng	
36) 4-Chloro-3-methylphenol	8.46	107	714776	44.371	ng	95
37) 2-Methylnaphthalene	8.61	142	1600962	45.444	ng	99
38) 1-Methylnaphthalene	8.71	142	1516544	45.073	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	638320	42.500	ng	99

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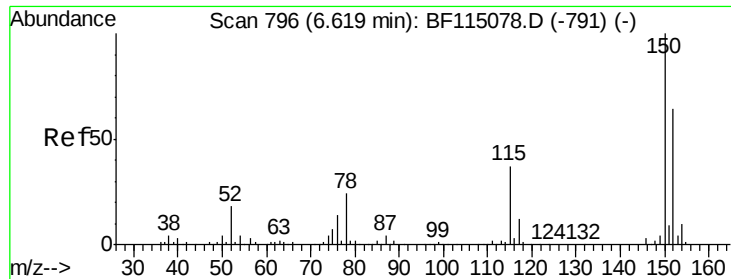
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	757632	85.070	nq	100
43) 2,4,6-Trichlorophenol	8.89	196	513272	44.265	nq	99
44) 2,4,5-Trichlorophenol	8.93	196	526380	44.081	nq	98
46) 1,1'-Biphenyl	9.08	154	1810501	42.572	nq	98
47) 2-Chloronaphthalene	9.10	162	1480289	42.911	nq	97
48) 2-Nitroaniline	9.19	65	433296	43.083	nq	95
49) Acenaphthylene	9.51	152	2315951	43.090	nq	99
50) Dimethylphthalate	9.38	163	1701233	43.505	nq	99
51) 2,6-Dinitrotoluene	9.44	165	406013	44.973	nq	98
52) Acenaphthene	9.68	154	1410608	41.942	nq	99
53) 3-Nitroaniline	9.60	138	305316	27.713	nq	98
54) 2,4-Dinitrophenol	9.71	184	424793	90.392	nq	98
55) Dibenzofuran	9.85	168	2018611	41.818	nq	99
56) 4-Nitrophenol	9.77	139	773027	87.522	nq	98
57) 2,4-Dinitrotoluene	9.84	165	543593	46.633	nq	91
58) Fluorene	10.20	166	1388849	42.908	nq	97
59) 2,3,4,6-Tetrachlorophenol	9.97	232	457984	45.739	nq	99
60) Diethylphthalate	10.08	149	1710020	43.504	nq	100
61) 4-Chlorophenyl-phenylether	10.19	204	660032	42.898	nq	97
62) 4-Nitroaniline	10.21	138	468666	42.405	nq	97
63) Azobenzene	10.35	77	1597798	43.519	nq	97
65) 4,6-Dinitro-2-methylphenol	10.24	198	256001	46.205	nq	93
66) n-Nitrosodiphenylamine	10.31	169	1434509	44.021	nq	99
67) 4-Bromophenyl-phenylether	10.68	248	485722	42.831	nq	94
68) Hexachlorobenzene	10.74	284	529018	42.977	nq	94
69) Atrazine	10.84	200	451816	43.102	nq	99
70) Pentachlorophenol	10.93	266	630616	80.416	nq	97
71) Phenanthrene	11.15	178	2297325	40.793	nq	100
72) Anthracene	11.20	178	2385928	41.971	nq	98
73) Carbazole	11.35	167	2147325	42.301	nq	98
74) Di-n-butylphthalate	11.70	149	2496542	42.560	nq	98
75) Fluoranthene	12.32	202	2389691	42.529	nq	99
77) Benzidine	12.45	184	868197	26.508	nq	100
78) Pyrene	12.55	202	2466216	43.507	nq	98
80) Butylbenzylphthalate	13.19	149	1157406	46.267	nq	93
81) Benzo(a)anthracene	13.73	228	2241772	42.357	nq	98
82) 3,3'-Dichlorobenzidine	13.70	252	612343	32.039	nq	98
83) Chrysene	13.77	228	2051236	42.310	nq	98
84) Bis(2-ethylhexyl)phthalate	13.75	149	1498697	45.722	nq	100
85) Di-n-octyl phthalate	14.37	149	2580879	46.863	nq	100
86) Indeno(1,2,3-cd)pyrene	16.39	276	2562453	44.668	nq	99
88) Benzo(b)fluoranthene	14.74	252	2393883	46.126	nq	99
89) Benzo(k)fluoranthene	14.77	252	2108668	45.307	nq	99
90) Benzo(a)pyrene	15.06	252	2239190	47.870	nq	98
91) Dibenzo(a,h)anthracene	16.41	278	2118392	48.510	nq	99
92) Benzo(g,h,i)perylene	16.78	276	2156475	48.791	nq	98

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



#1

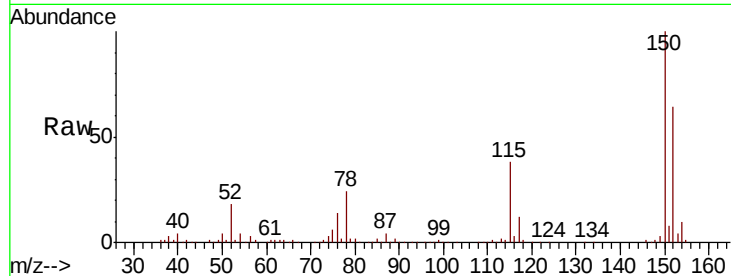
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :
PB120595BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.2	186.2
115	59.5	46.1	69.1

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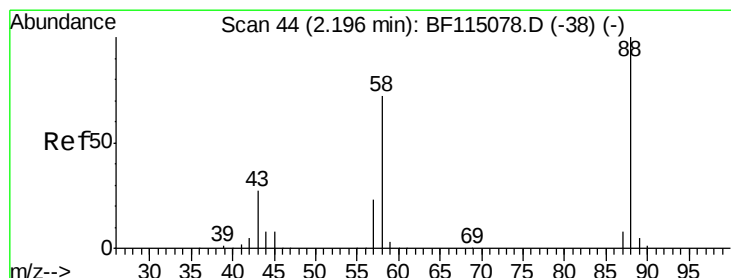
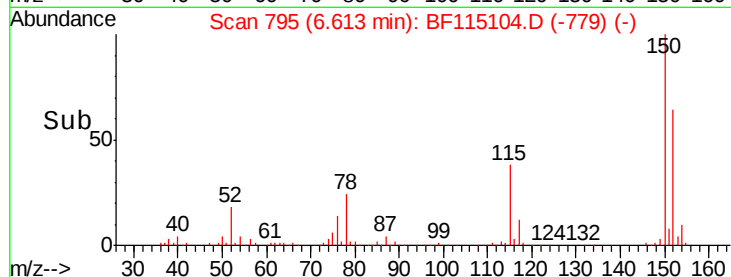
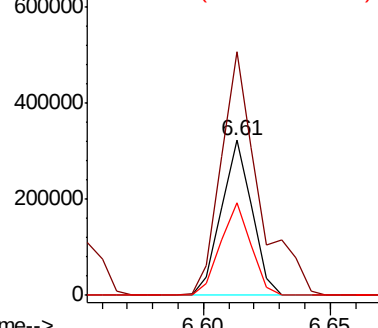


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

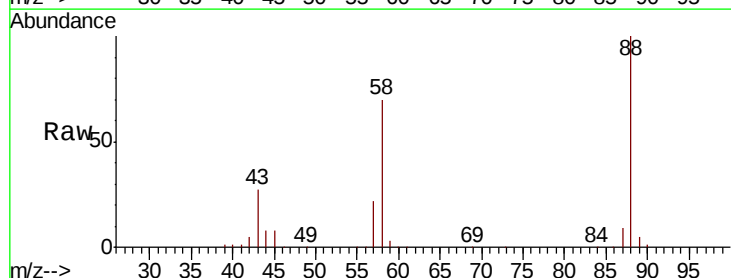
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.511 ng
RT: 2.29 min Scan# 60
Delta R.T. 0.09 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.1	56.1	84.1
43	26.3	21.3	31.9

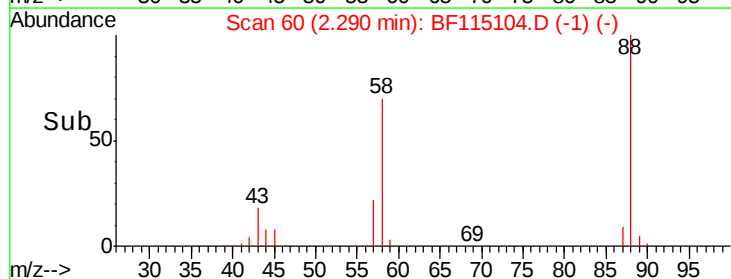
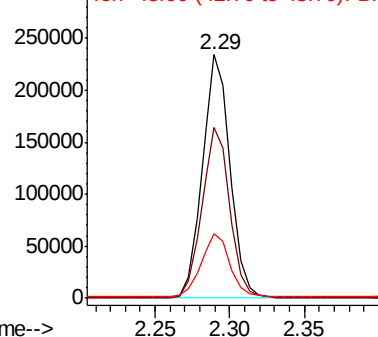


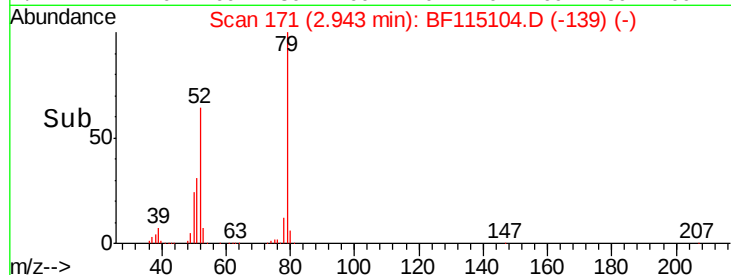
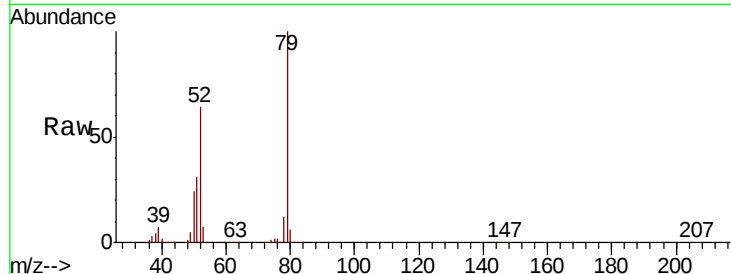
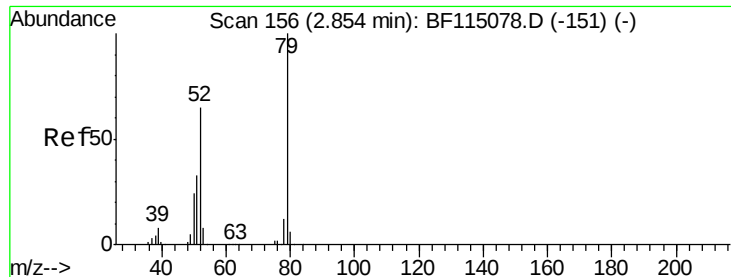
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





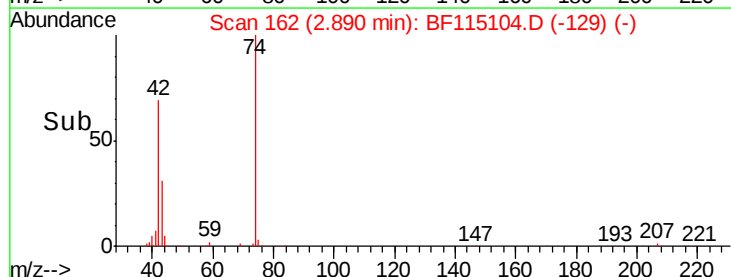
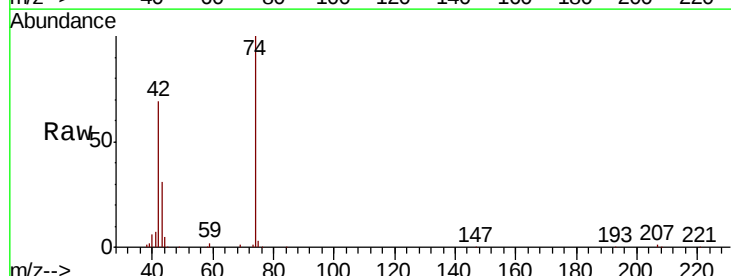
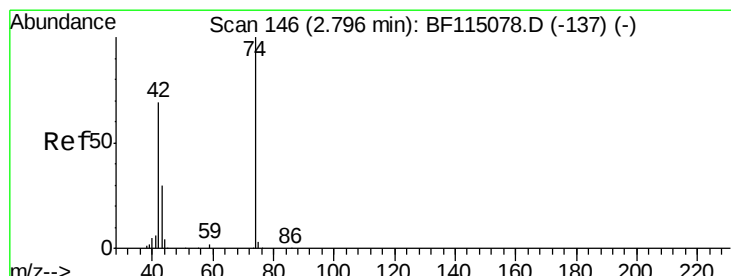
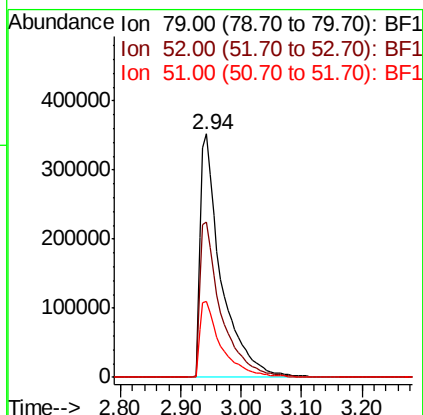
#3
 Pvridine
 Concen: 36.434 ng
 RT: 2.94 min Scan# 171
 Delta R.T. 0.09 min
 Lab File: BF115104.D
 Acq: 22 Jun 2019 3:09

Tot Ion	Ratio	Lower	Upper
79	100		
52	63.8	52.3	78.5
51	31.0	26.1	39.1

Instrument :
 BNA_F
 ClientSampleId :
 PB120595BS

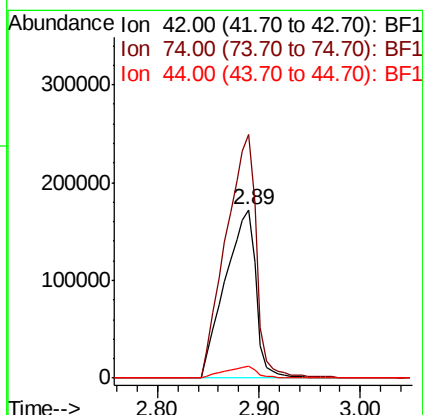
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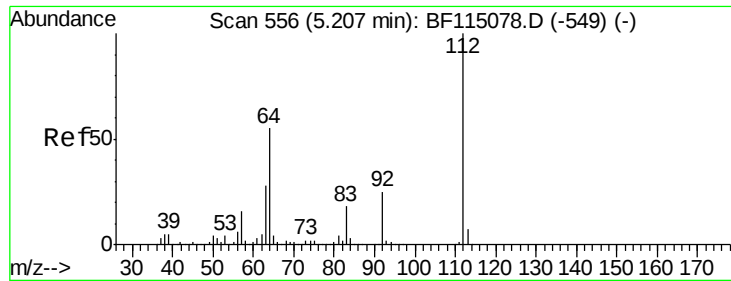
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#4
 n-Nitrosodimethylamine
 Concen: 39.476 ng
 RT: 2.89 min Scan# 162
 Delta R.T. 0.09 min
 Lab File: BF115104.D
 Acq: 22 Jun 2019 3:09

Tgt Ion	Ratio	Lower	Upper
42	100		
74	144.8	116.6	175.0
44	7.3	5.3	7.9





#5

2-Fluorophenol

Concen: 111.804 ng

RT: 5.22 min Scan# 559

Delta R.T. 0.02 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

Instrument :

BNA_F

ClientSampleId :

PB120595BS

Tot Ion:112 Resp: 1970368

Ion Ratio Lower Upper

112 100

64 55.2 43.8 65.6

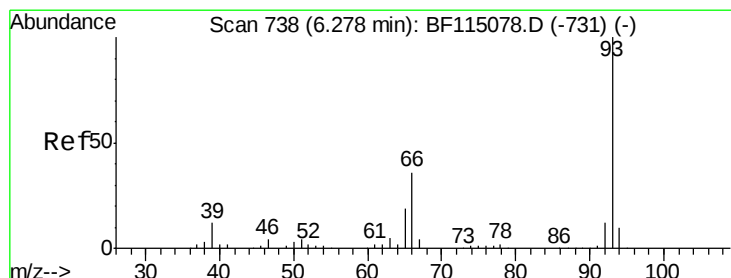
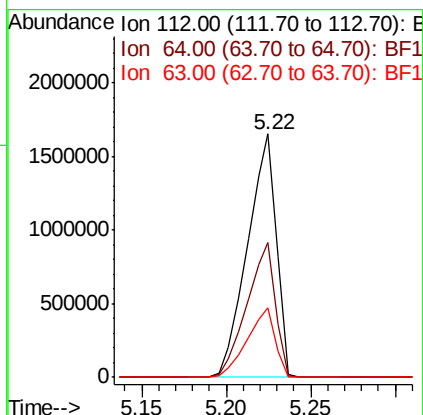
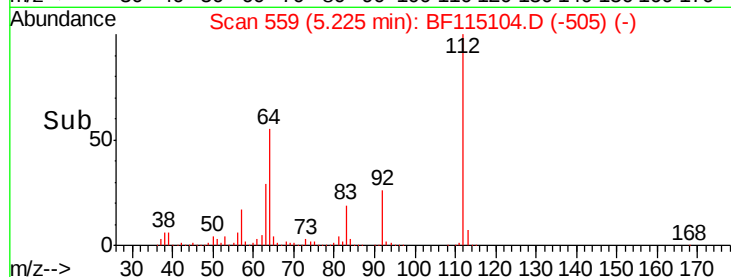
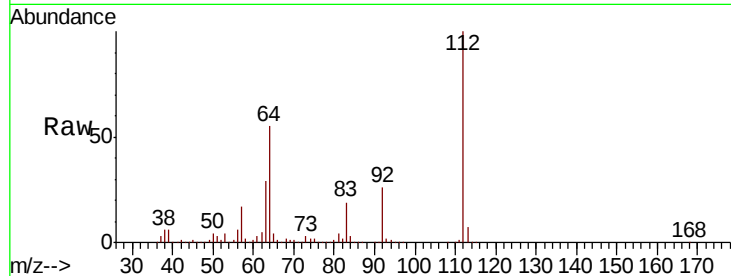
63 28.5 22.2 33.4

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#6

Aniline

Concen: 25.892 ng

RT: 6.28 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

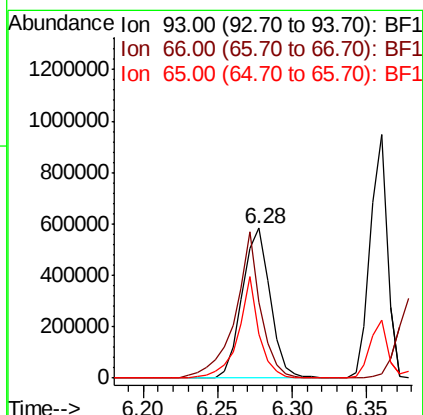
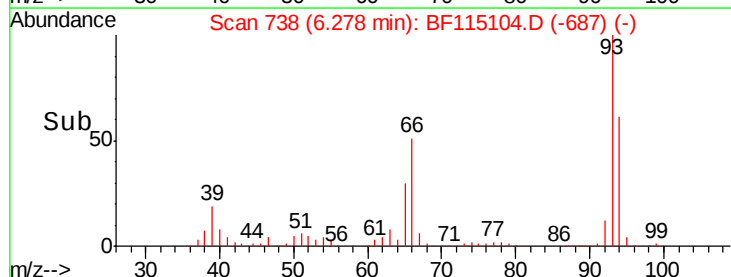
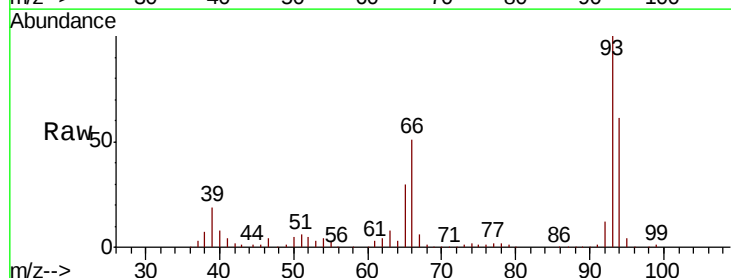
Tgt Ion: 93 Resp: 761172

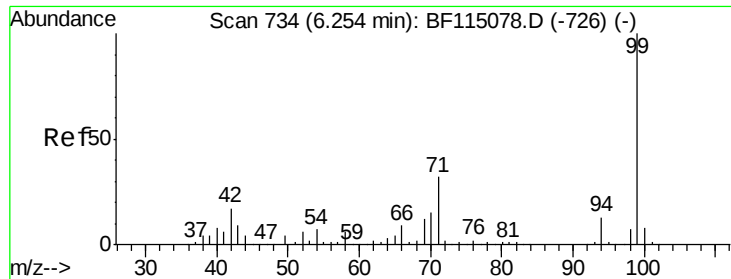
Ion Ratio Lower Upper

93 100

66 51.0 30.0 45.0#

65 29.6 15.6 23.4#





#7

Phenol-d6

Concen: 113.549 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

Instrument :

BNA_F

ClientSampleId :

PB120595BS

Tot Ion: 99 Resp: 2428864

Ion Ratio Lower Upper

99 100

42 17.2 13.6 20.4

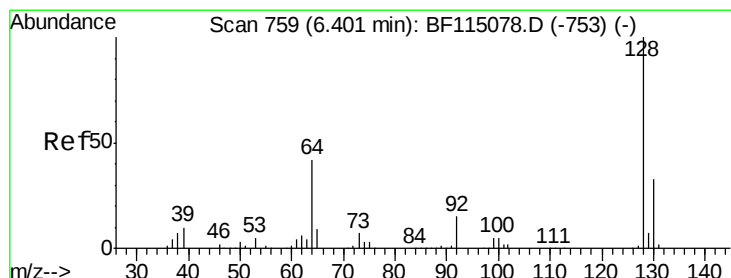
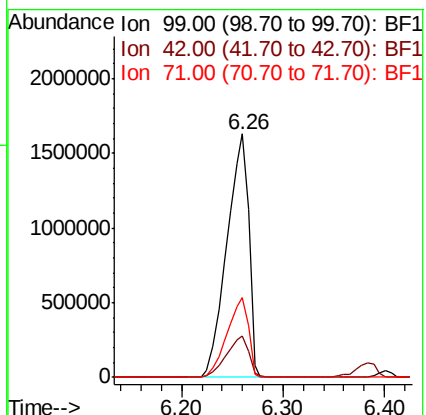
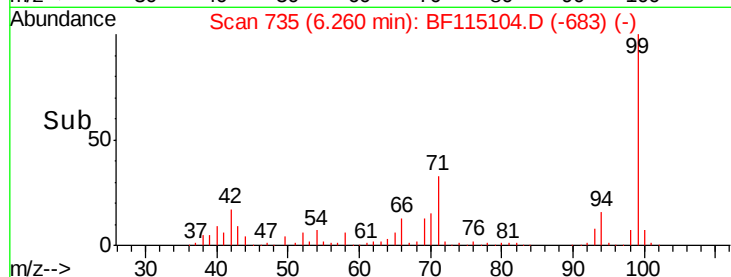
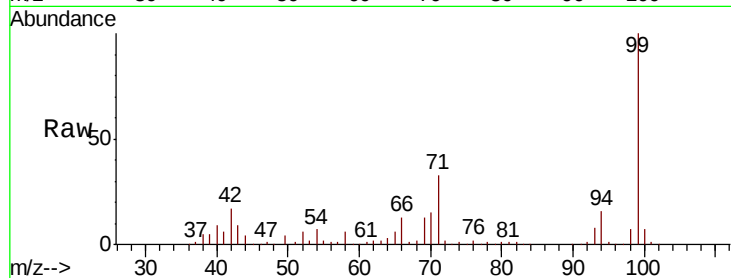
71 33.0 25.5 38.3

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#8

2-Chlorophenol

Concen: 40.930 ng

RT: 6.40 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

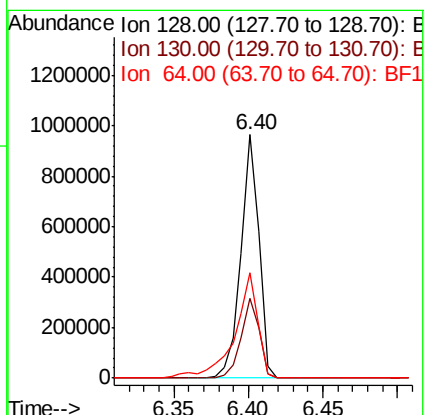
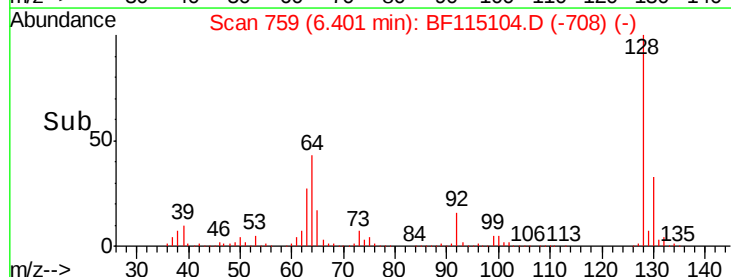
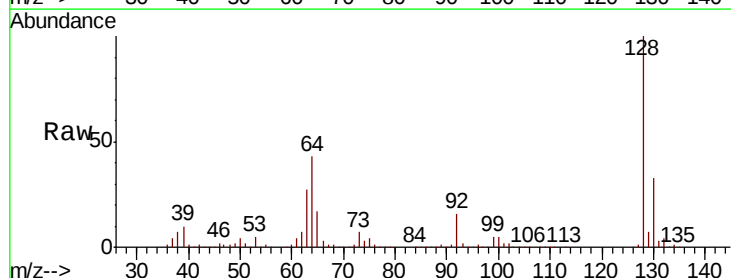
Tgt Ion: 128 Resp: 811097

Ion Ratio Lower Upper

128 100

130 33.0 12.9 52.9

64 43.5 22.9 62.9





#9

Benzaldehyde

Concen: 12.114 ng

RT: 6.15 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

Instrument :

BNA_F

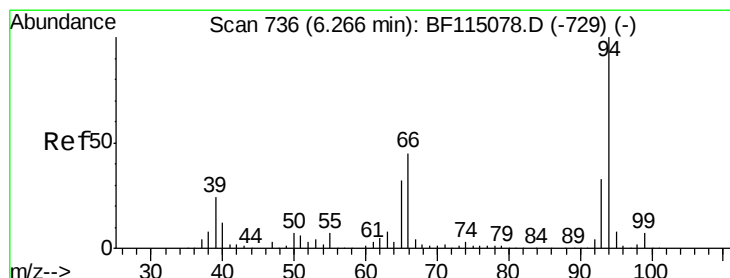
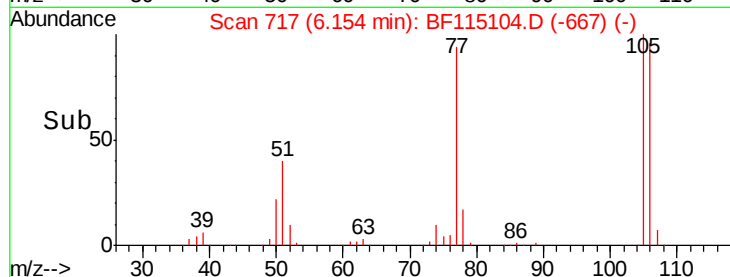
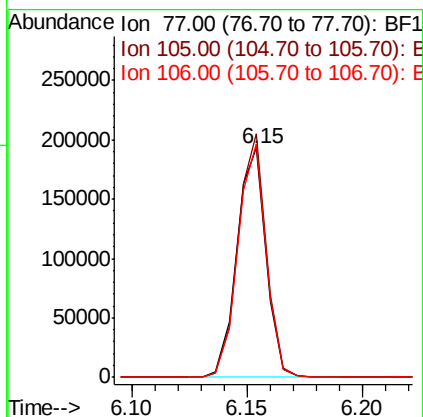
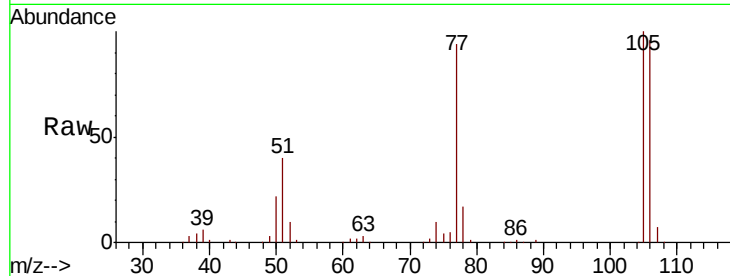
ClientSampled :

PB120595BS

Tot Ion:	77	Resp:	169057
Ion Ratio	Lower	Upper	
77	100		
105	106.3	81.5	121.5
106	101.8	79.7	119.7

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#10

Phenol

Concen: 37.296 ng

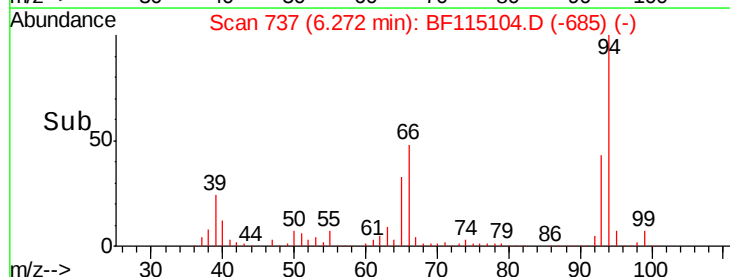
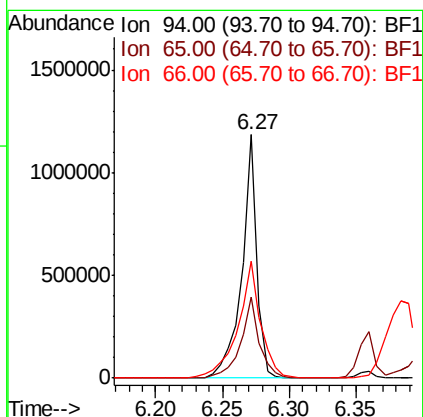
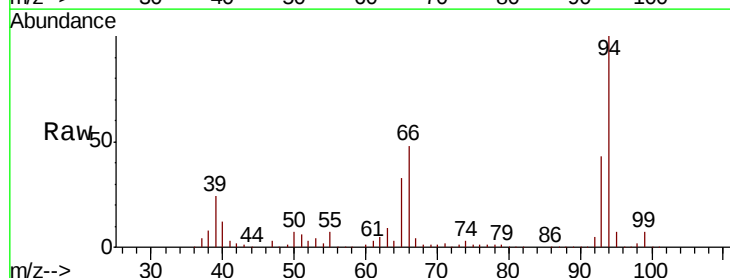
RT: 6.27 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

Tgt Ion:	94	Resp:	934489
Ion Ratio	Lower	Upper	
94	100		
65	33.4	11.9	51.9
66	48.2	25.2	65.2





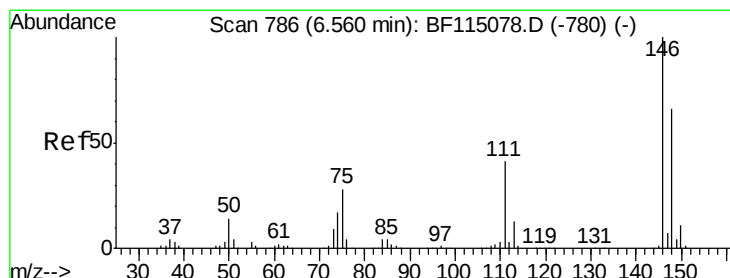
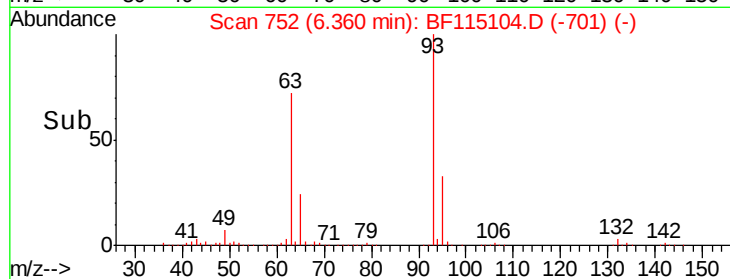
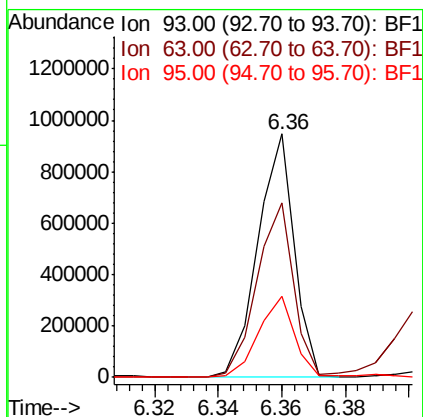
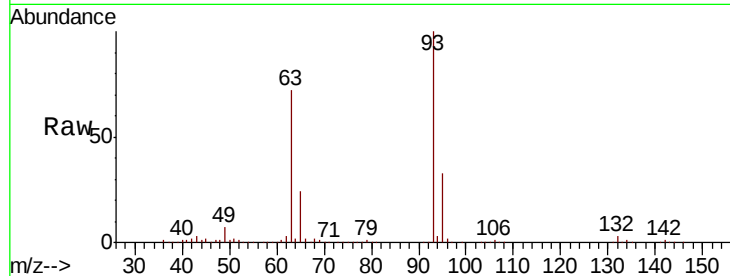
#11
bis(2-Chloroethyl)ether
Concen: 40.497 ng
RT: 6.36 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :
PB120595BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.5	51.5	91.5
95	33.2	13.4	53.4

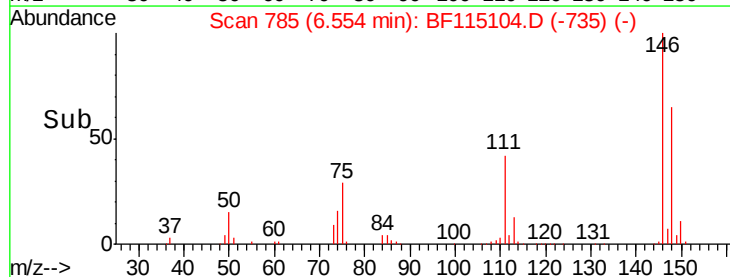
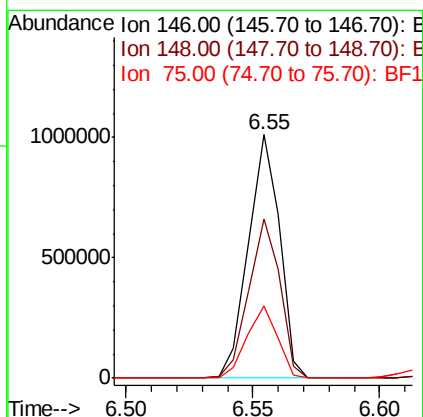
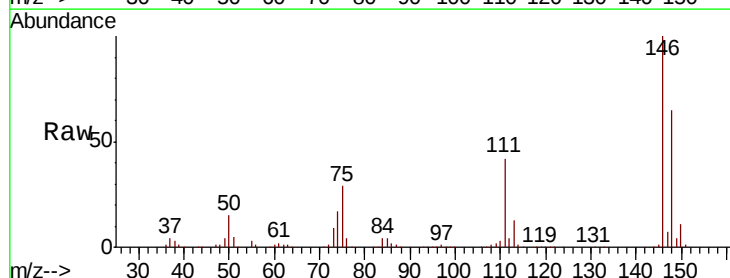
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#12
1,3-Dichlorobenzene
Concen: 39.622 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.6	78.8
75	29.4	22.6	34.0





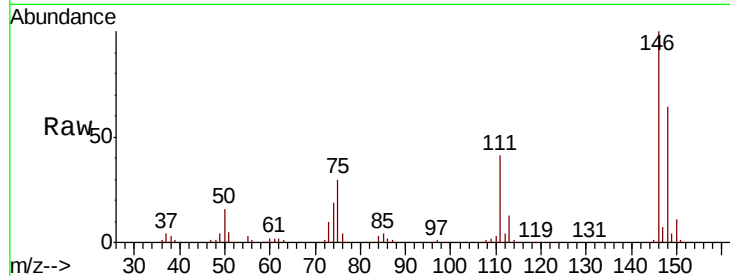
#13
1,4-Dichlorobenzene
Concen: 40.082 ng
RT: 6.63 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampled :
PB120595BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.9	77.9
111	40.8	31.4	47.0

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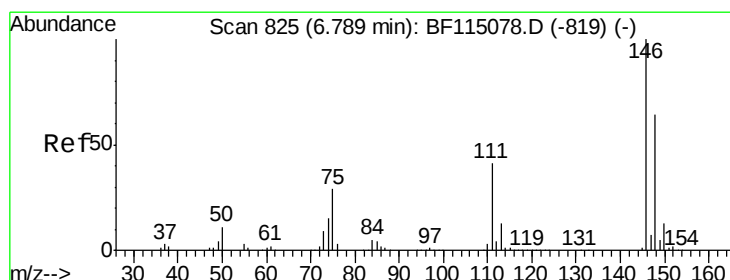
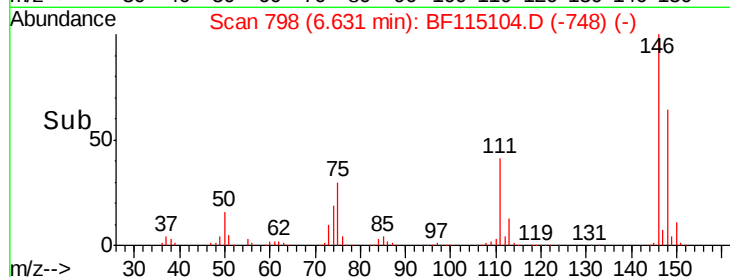
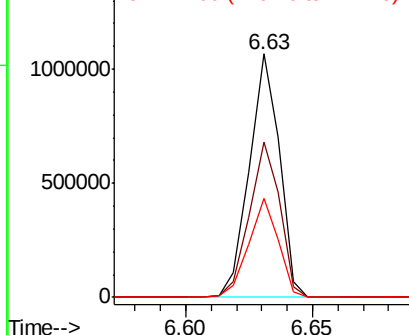


Abundance

Ion 146.00 (145.70 to 146.70): E

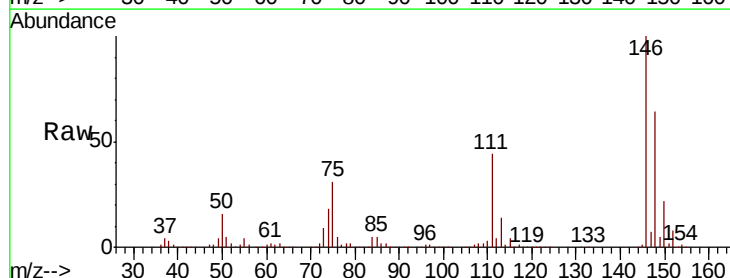
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 40.180 ng
RT: 6.78 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.1	76.7
111	43.5	33.2	49.8

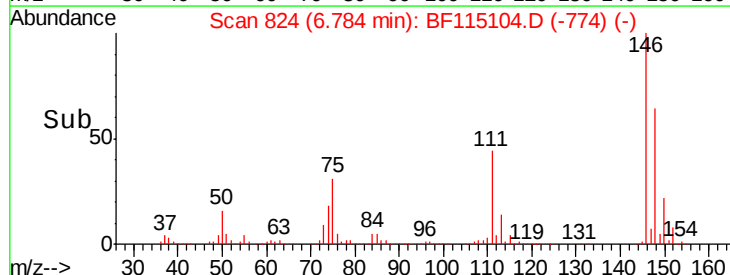
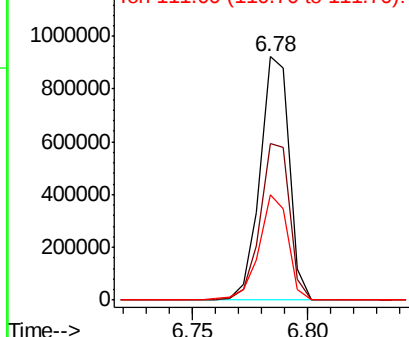


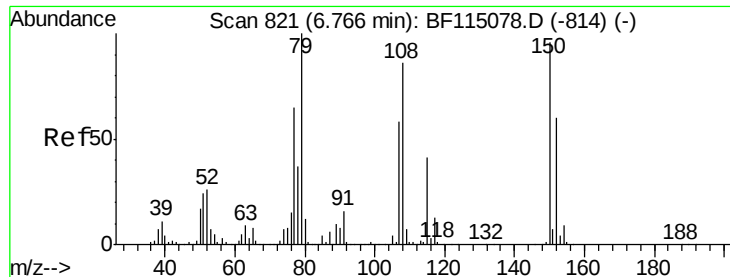
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.494 ng

RT: 6.77 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

Instrument :

BNA_F

ClientSampleId :

PB120595BS

Tot Ion: 79 Resp: 599572

Ion Ratio Lower Upper

79 100

108 84.0 68.7 103.1

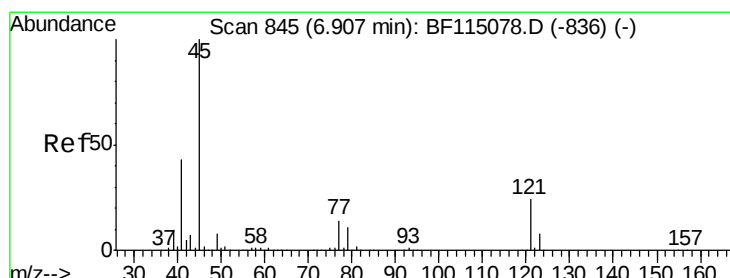
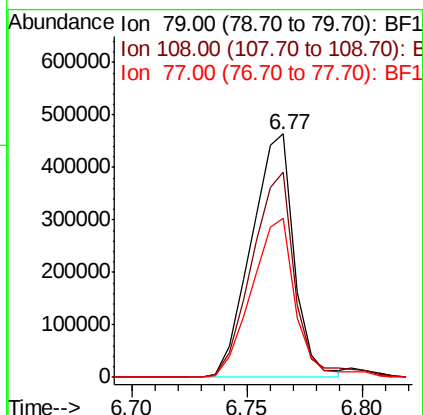
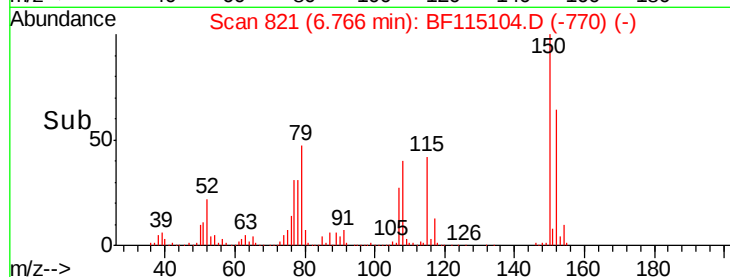
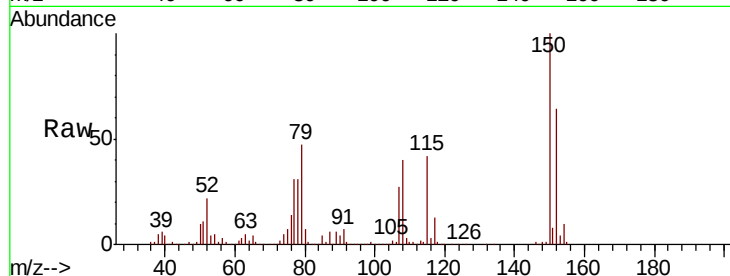
77 65.6 51.7 77.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.325 ng

RT: 6.90 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

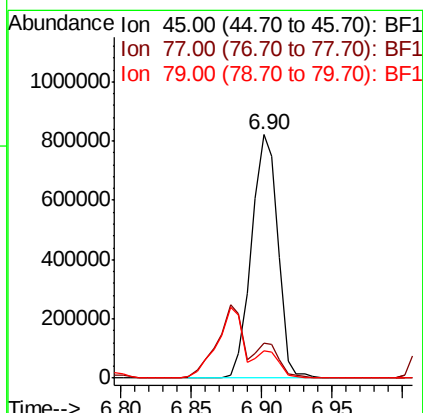
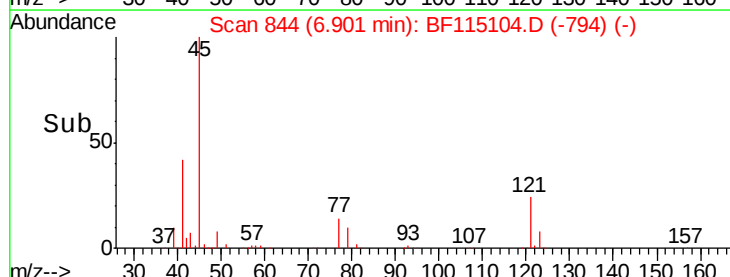
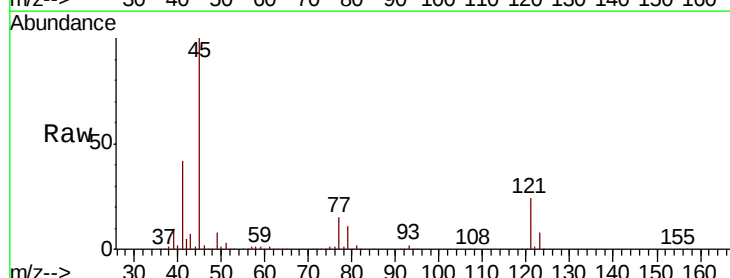
Tgt Ion: 45 Resp: 1080239

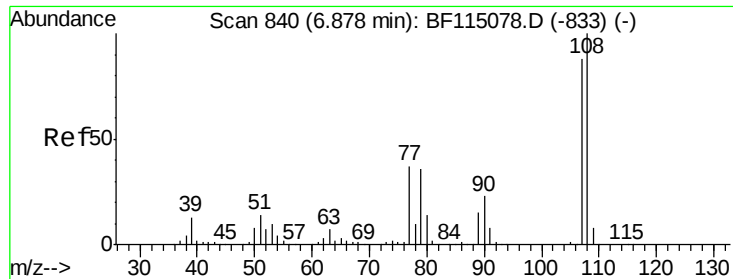
Ion Ratio Lower Upper

45 100

77 14.5 0.0 34.6

79 11.1 0.0 31.2





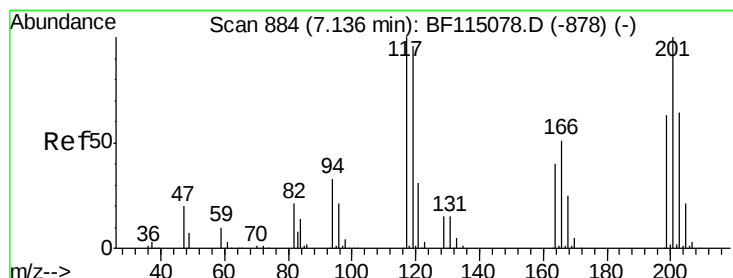
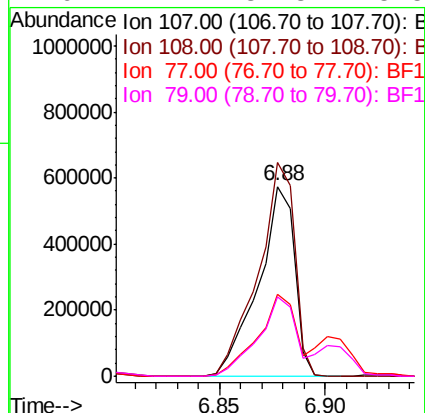
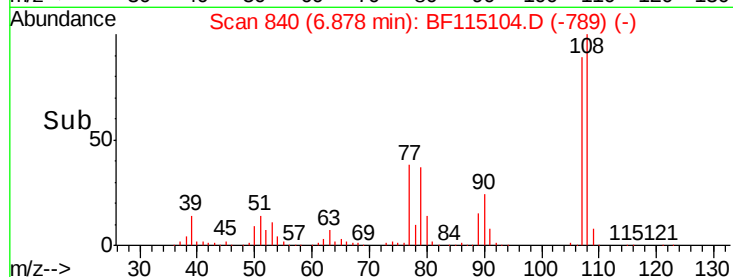
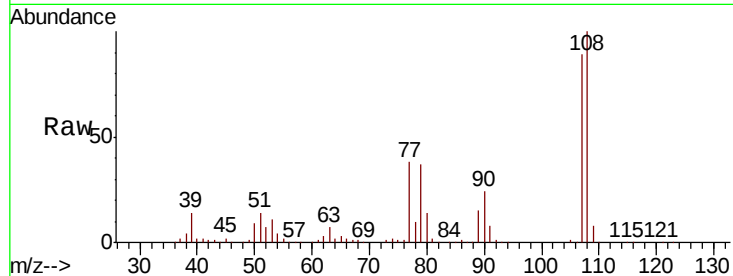
#17
2-Methylphenol
Concen: 41.838 ng
RT: 6.88 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :
PB120595BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.7	90.9	136.3	
77	43.0	33.4	50.2	
79	41.7	32.3	48.5	

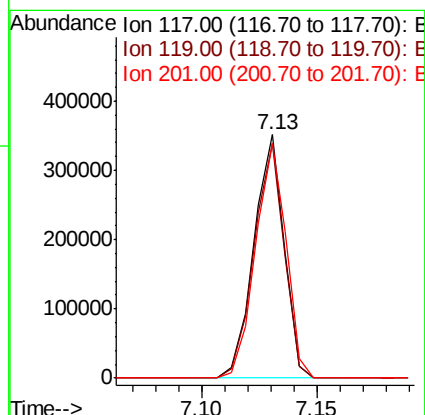
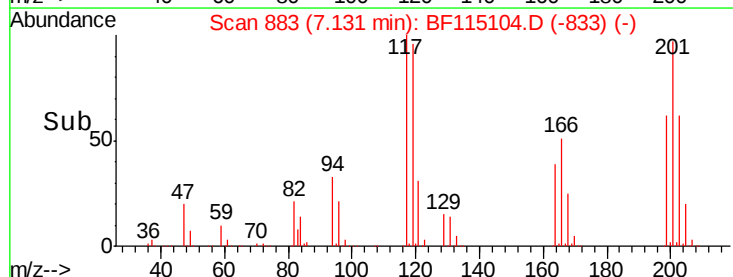
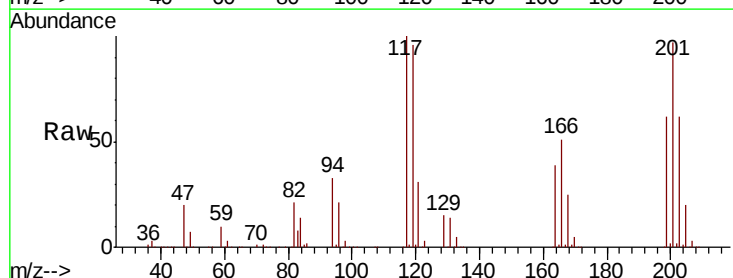
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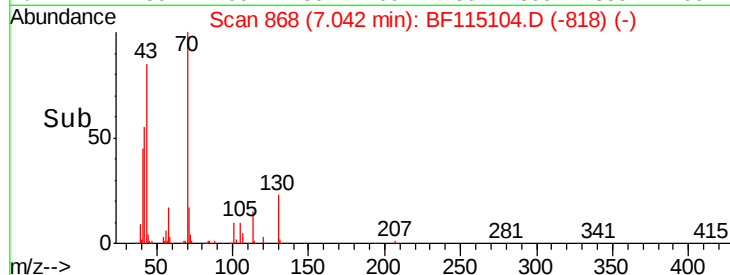
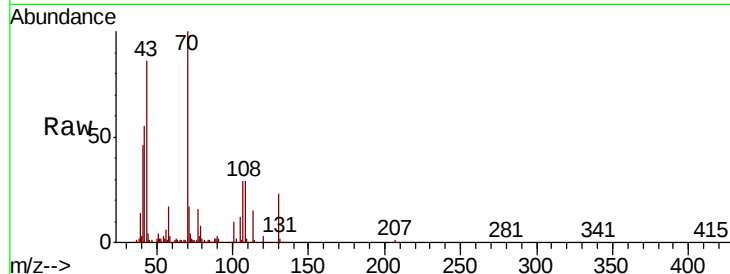
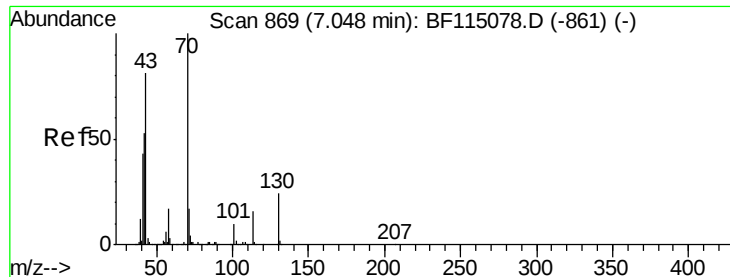
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#18
Hexachloroethane
Concen: 40.386 ng
RT: 7.13 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.3	76.6	114.8	
201	96.5	80.2	120.2	





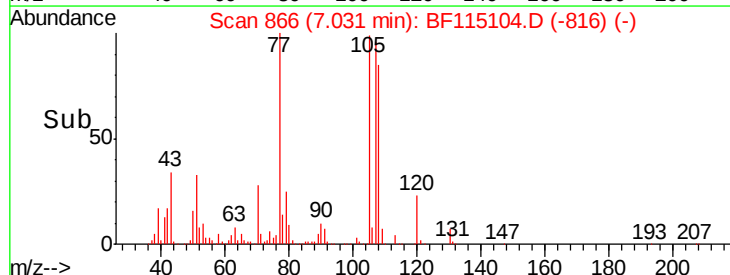
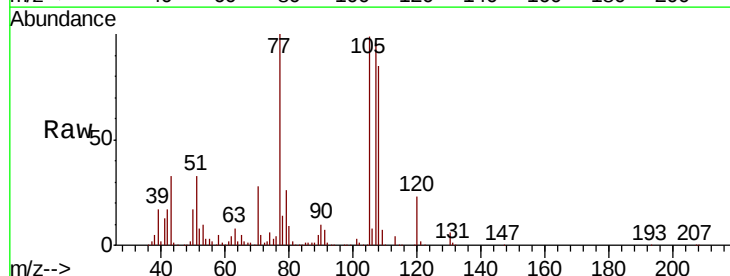
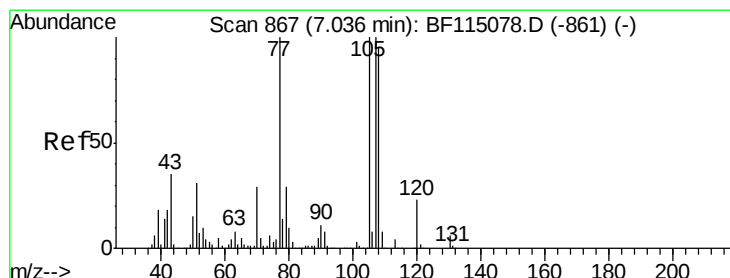
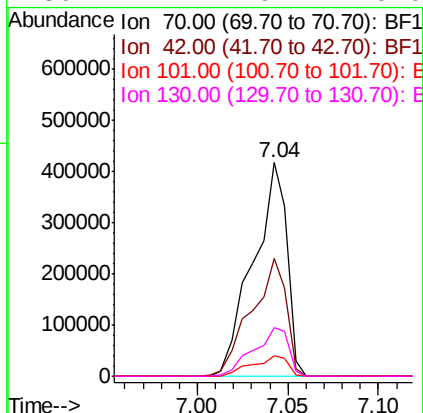
#19
n-Nitroso-di-n-propylamine
Concen: 39.406 ng
RT: 7.04 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :
PB120595BS

Manual Integrations
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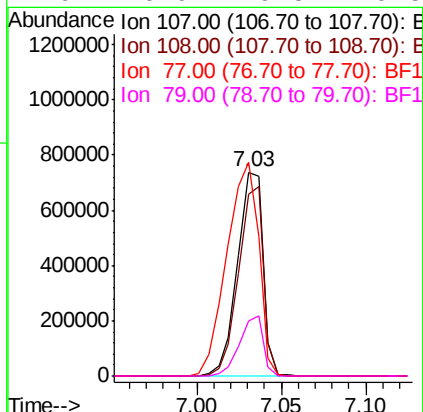
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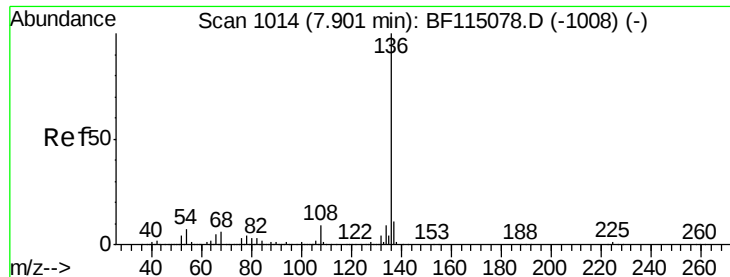
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.0	42.6	63.8	
101	9.8	8.0	12.0	
130	22.7	19.4	29.0	



#20
3+4-Methylphenols
Concen: 41.306 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.1	75.5	115.5	
77	104.7	80.2	120.2	
79	26.9	9.5	49.5	





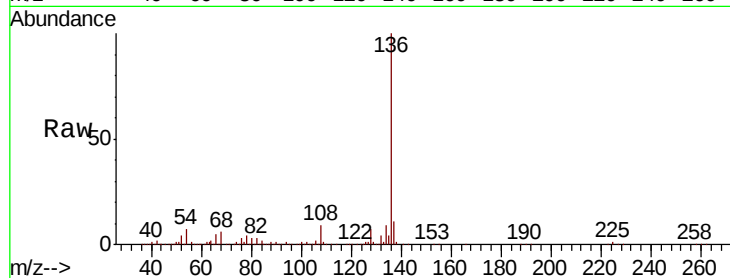
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :
PB120595BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		1064416		
137	11.5	8.9	13.3		
54	7.4	5.6	8.4		
68	6.2	4.8	7.2		

Manual Integrations
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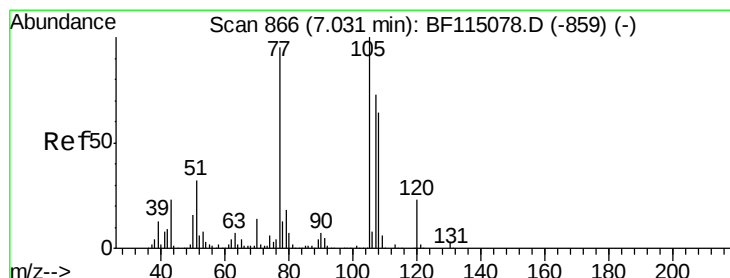
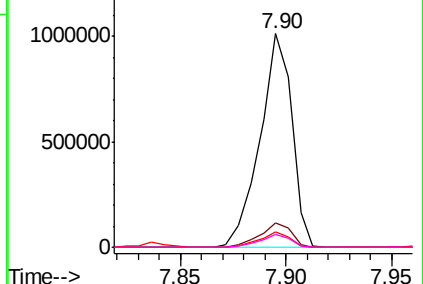
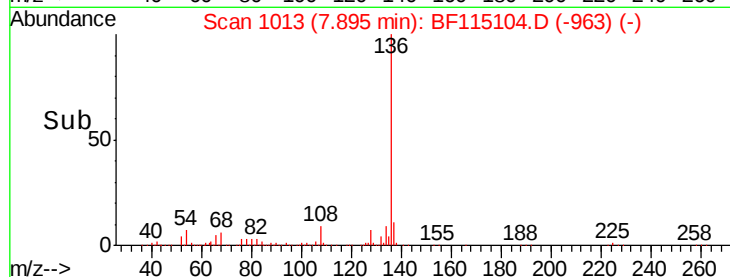
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

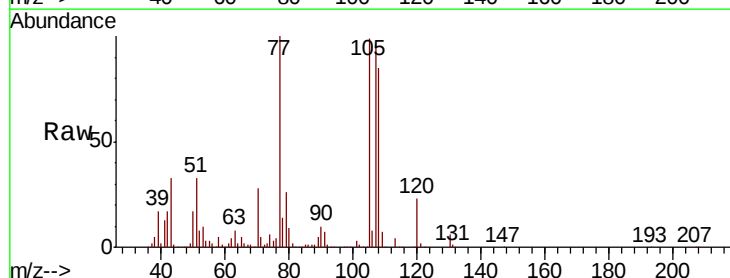
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 44.077 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		1074073		
71	4.8	1.9	2.9#		
51	33.7	25.8	38.8		
120	23.5	18.5	27.7		



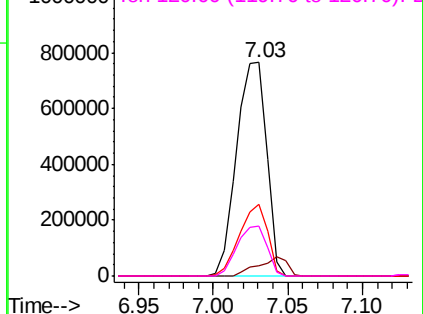
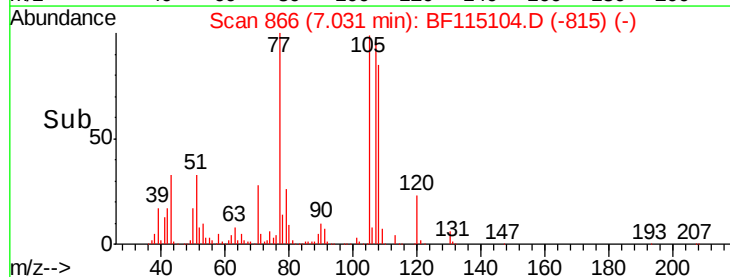
Abundance

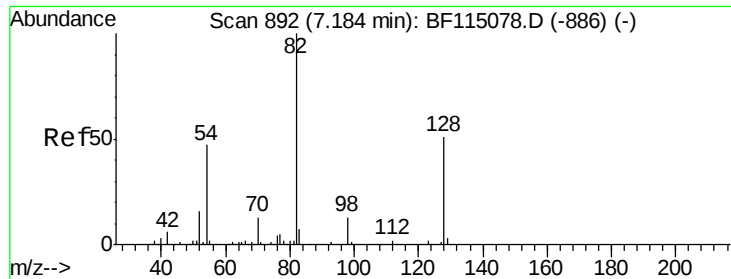
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





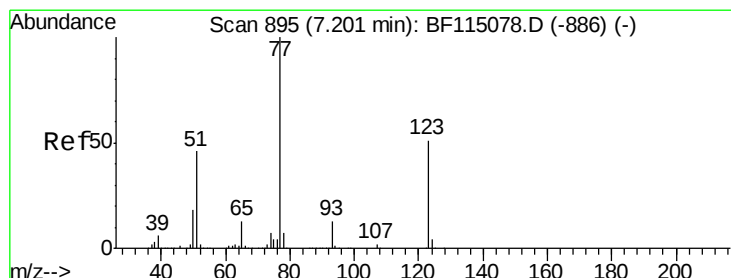
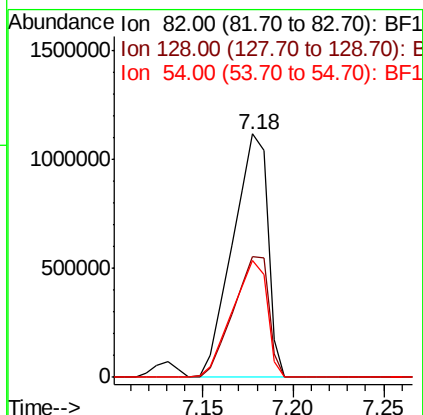
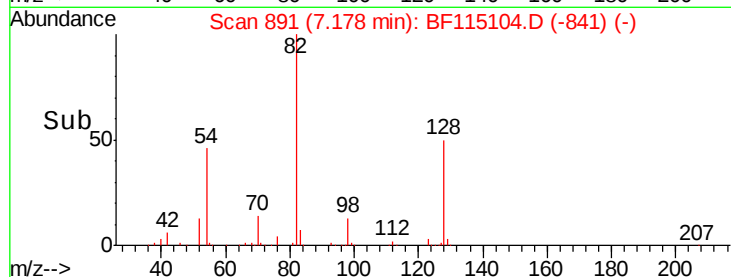
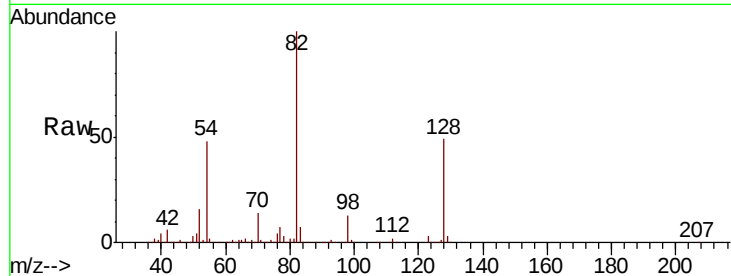
#23
 Nitrobenzene-d5
 Concen: 86.829 ng
 RT: 7.18 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF115104.D
 Acq: 22 Jun 2019 3:09

Instrument :
 BNA_F
 ClientSampleId :
 PB120595BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.5	40.4	60.6
54	47.9	37.5	56.3

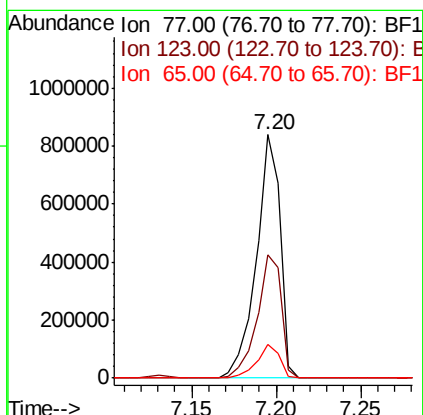
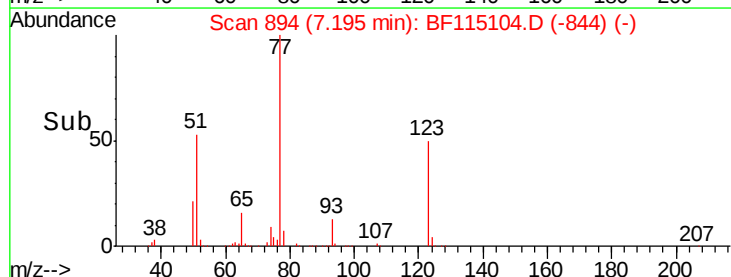
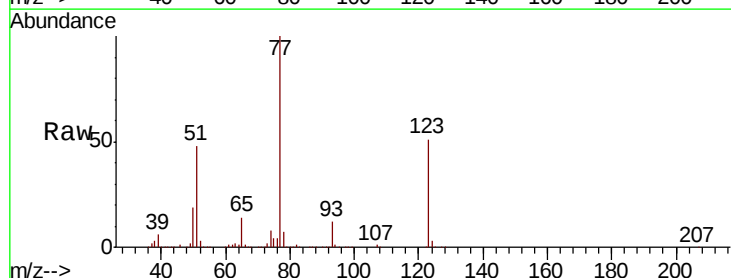
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#24
 Nitrobenzene
 Concen: 43.219 ng
 RT: 7.20 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF115104.D
 Acq: 22 Jun 2019 3:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.5	41.0	61.6
65	13.7	10.5	15.7





#25

Isophorone

Concen: 43.935 ng

RT: 7.44 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

Instrument :

BNA_F

ClientSampleId :

PB120595BS

Tot Ion: 82 Resp: 1557327

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.2

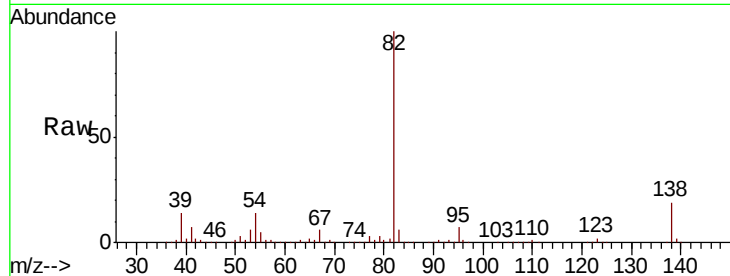
138 19.4 15.9 23.9

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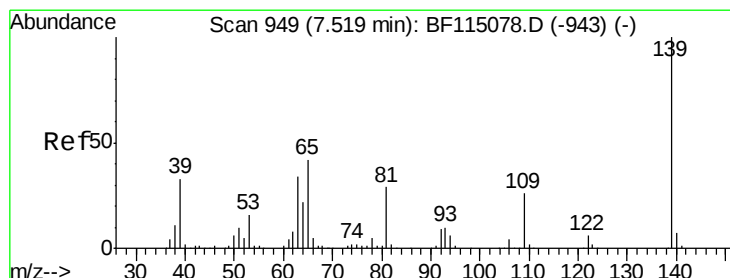
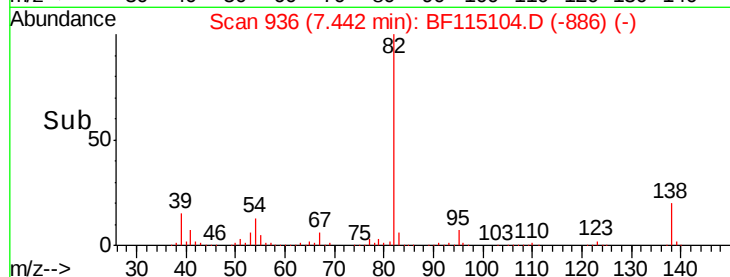
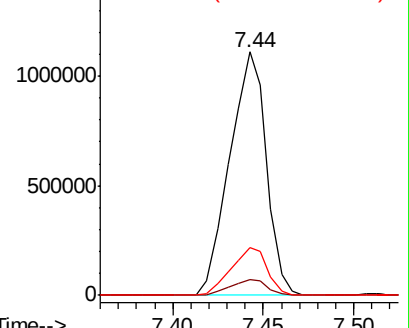
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 46.985 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

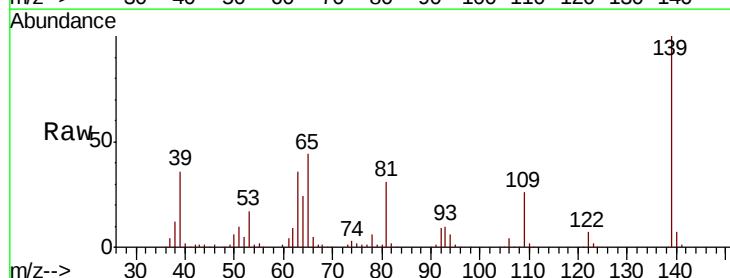
Tgt Ion: 139 Resp: 442319

Ion Ratio Lower Upper

139 100

109 25.7 20.4 30.6

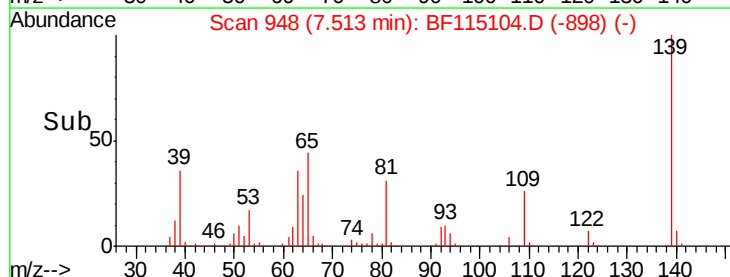
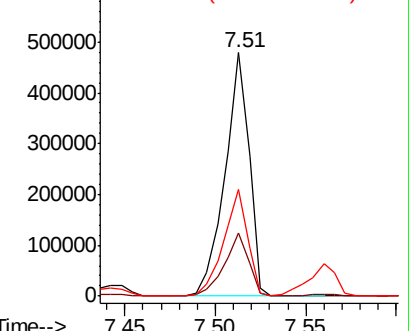
65 43.6 33.6 50.4

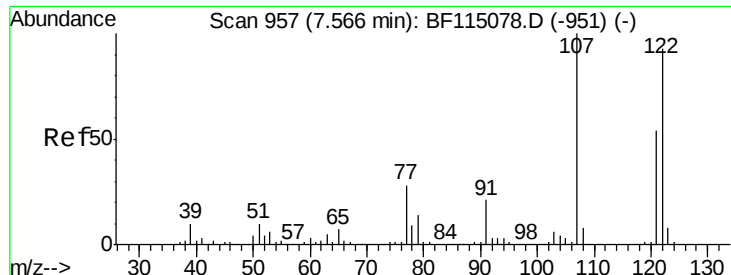


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





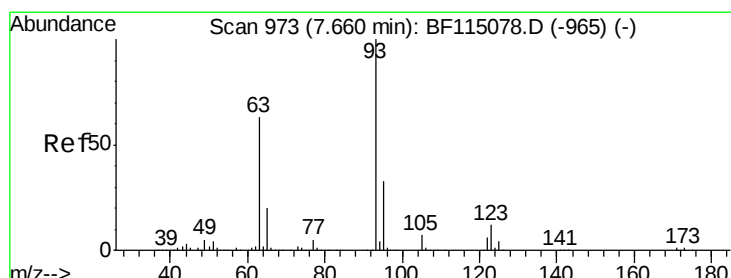
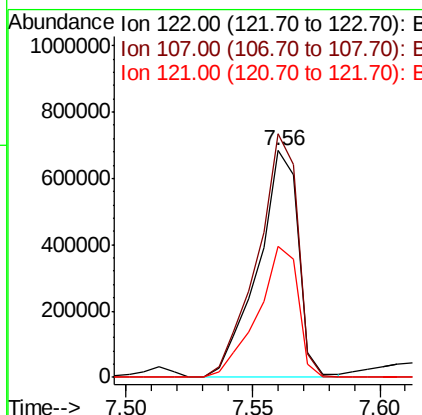
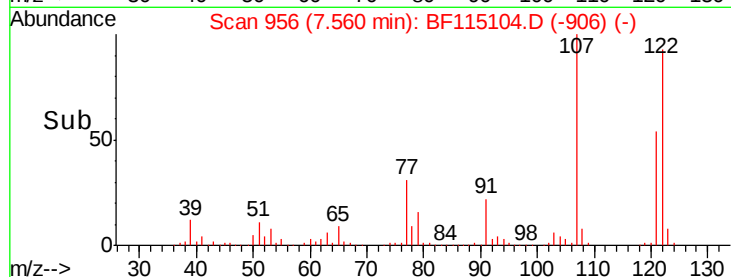
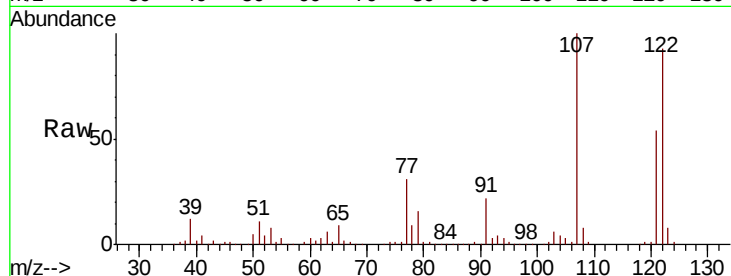
#27
 2,4-Dimethylphenol
 Concen: 49.800 ng
 RT: 7.56 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF115104.D
 Acq: 22 Jun 2019 3:09

Instrument :
 BNA_F
 ClientSampleID :
 PB120595BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	767597		
107	107.4	85.8	128.6	
121	57.7	46.3	69.5	

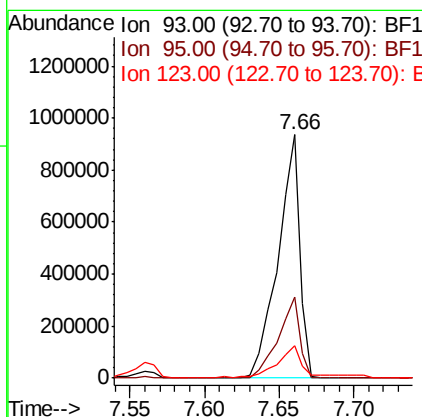
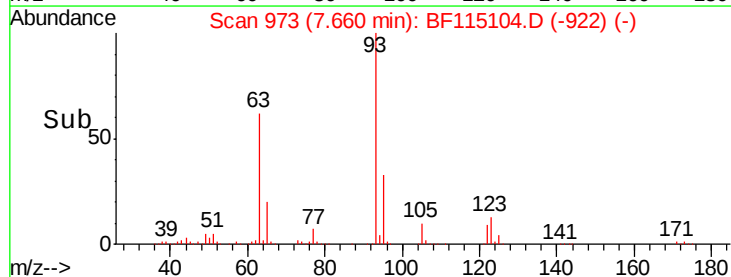
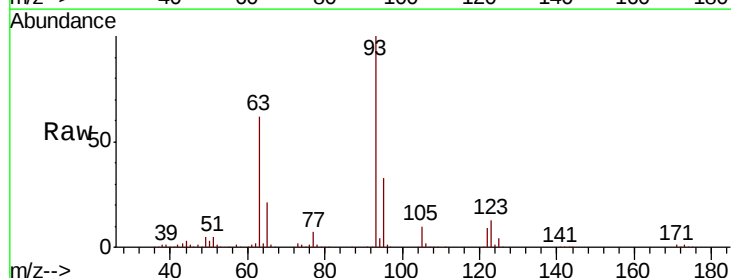
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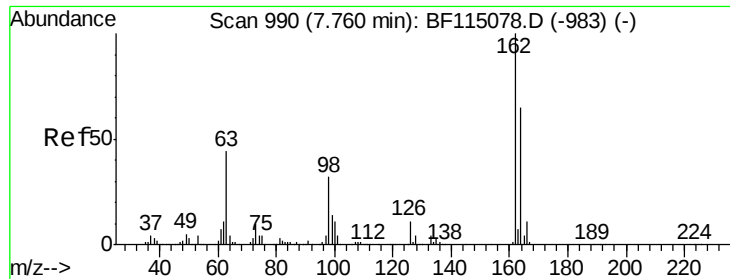
mohammad
 6/25/2019 12:41:38 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.822 ng
 RT: 7.66 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: BF115104.D
 Acq: 22 Jun 2019 3:09

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	959380		
95	33.4	26.2	39.4	
123	13.1	9.7	14.5	





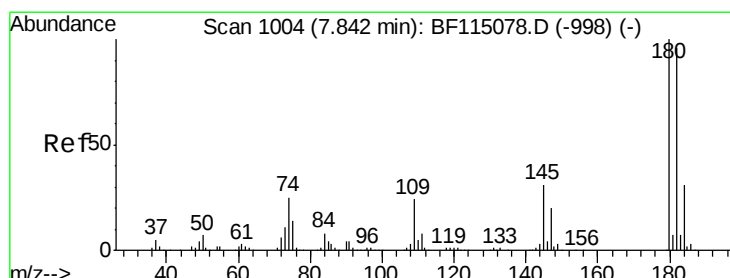
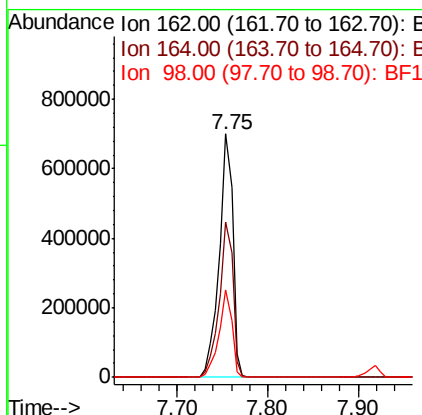
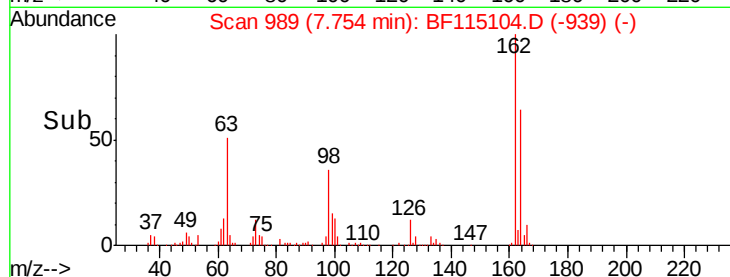
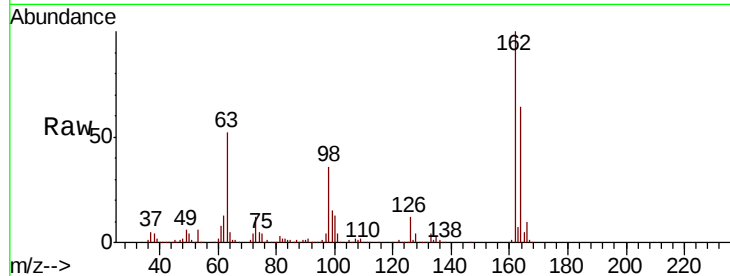
#29
2,4-Dichlorophenol
Concen: 45.122 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :
PB120595BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.0	45.3	85.3
98	35.7	12.5	52.5

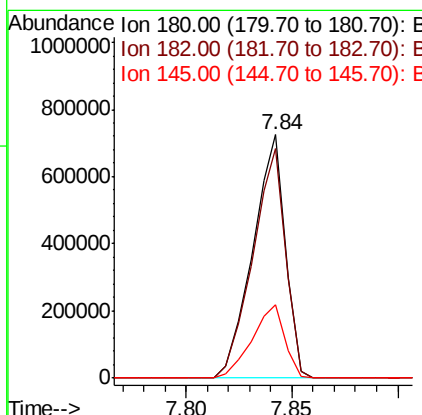
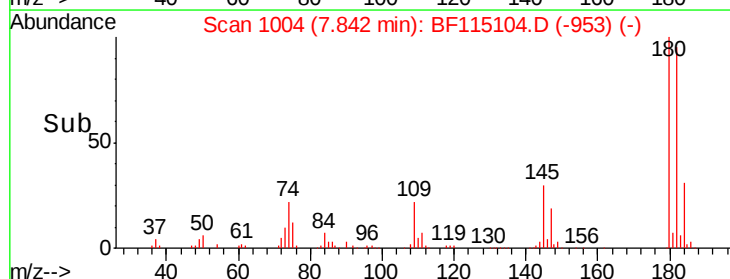
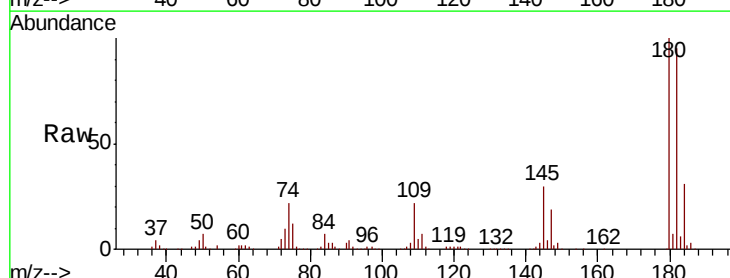
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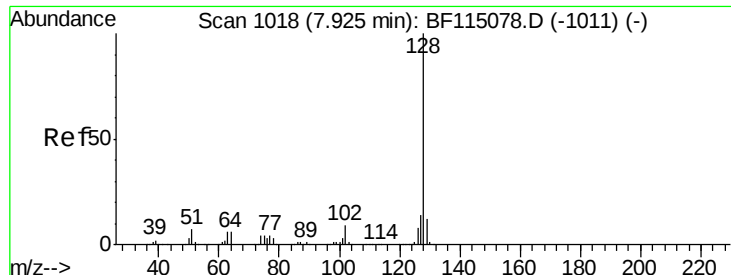
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#30
1,2,4-Trichlorobenzene
Concen: 44.042 ng
RT: 7.84 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.5	76.4	114.6
145	30.1	24.8	37.2





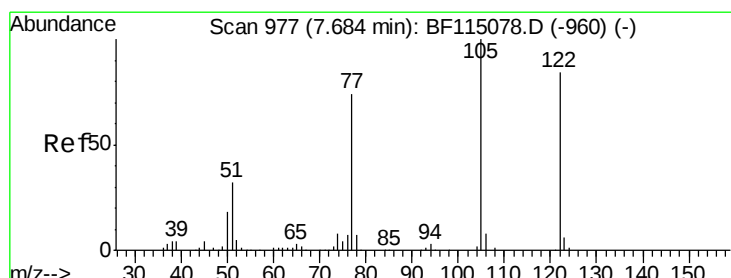
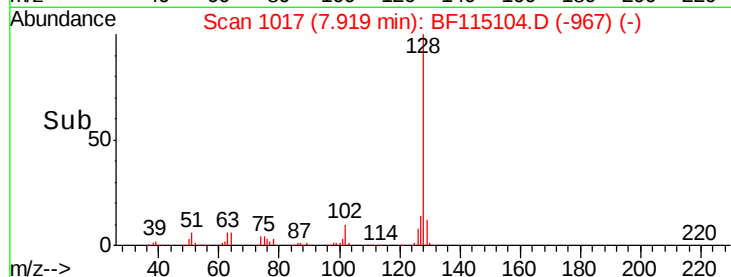
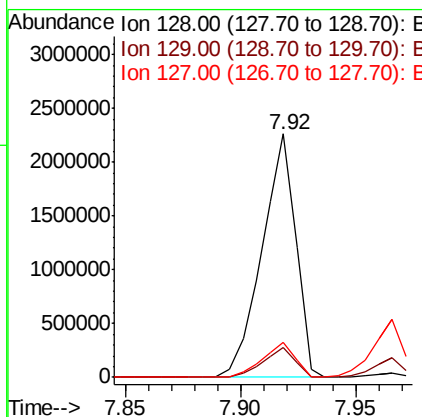
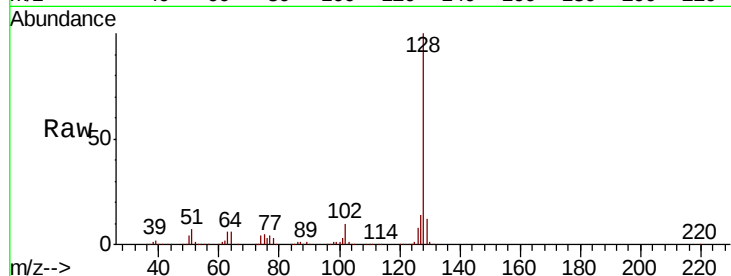
#31
Naphthalene
Concen: 43.982 ng
RT: 7.92 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :
PB120595BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.6	14.4
127	14.5	11.4	17.0

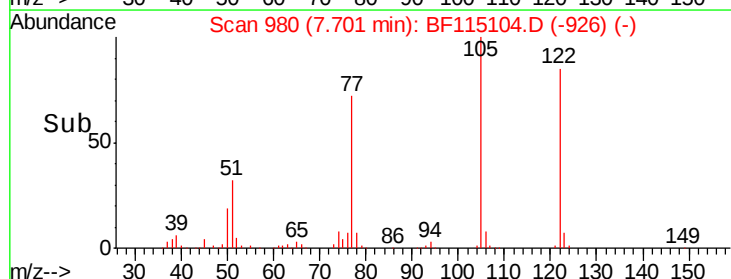
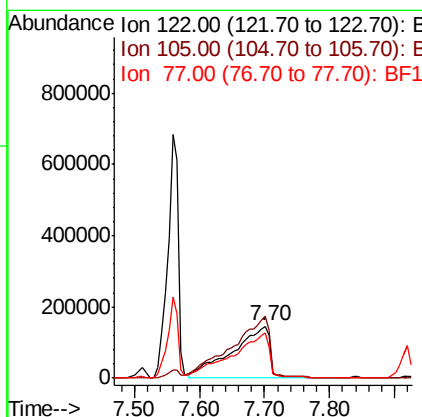
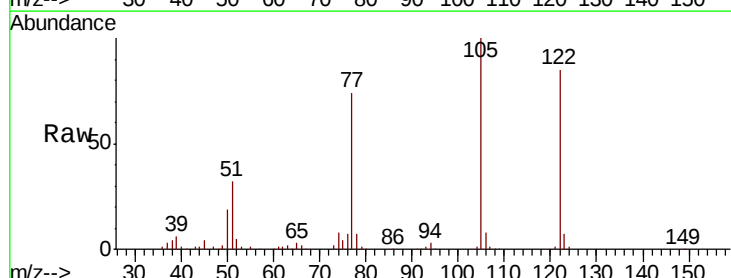
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#32
Benzoic acid
Concen: 53.424 ng
RT: 7.70 min Scan# 980
Delta R.T. 0.02 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.7	98.2	138.2
77	87.0	67.0	107.0





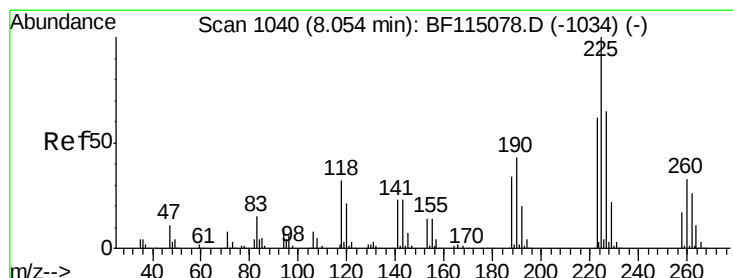
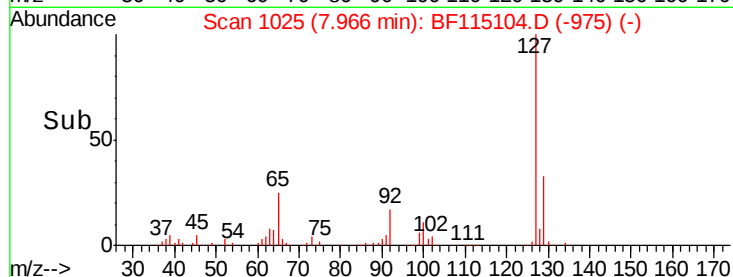
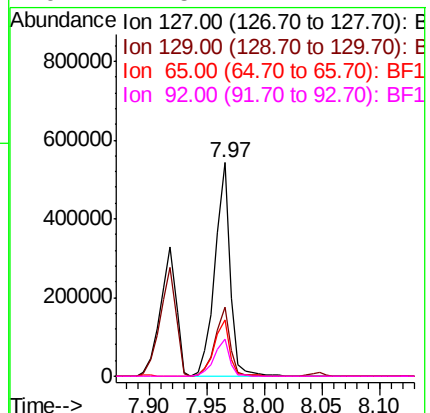
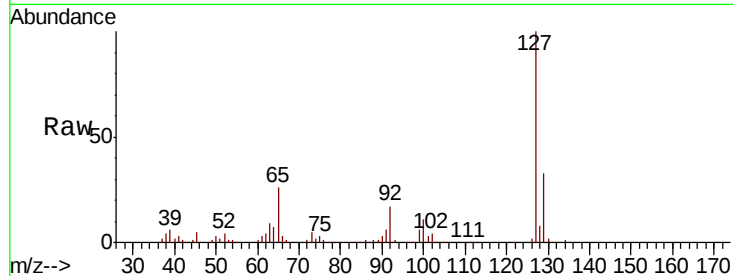
#33
4-Chloroaniline
Concen: 20.783 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :
PB120595BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		496280		
129	32.7	26.1	39.1		
65	26.3	21.4	32.2		
92	17.5	14.1	21.1		

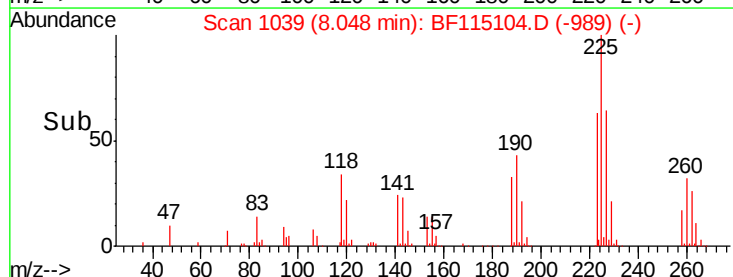
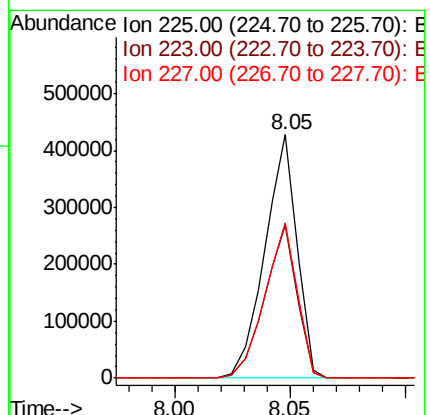
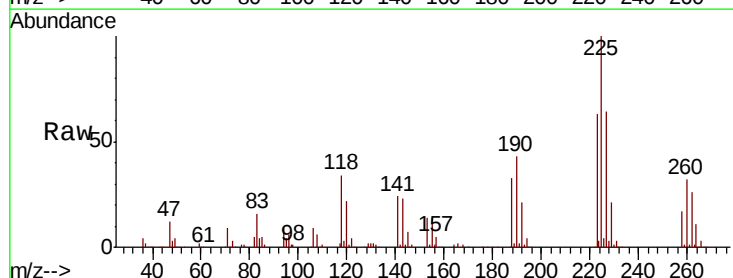
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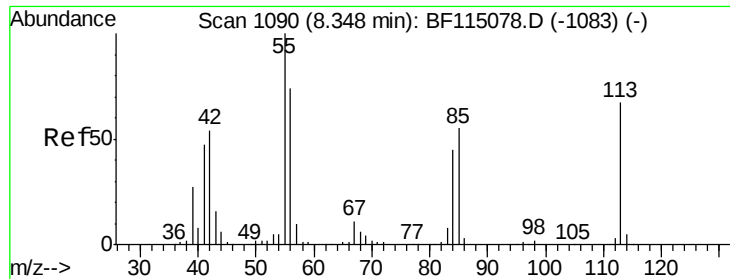
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#34
Hexachlorobutadiene
Concen: 42.977 ng
RT: 8.05 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		413800		
223	62.6	49.4	74.2		
227	63.6	51.8	77.8		





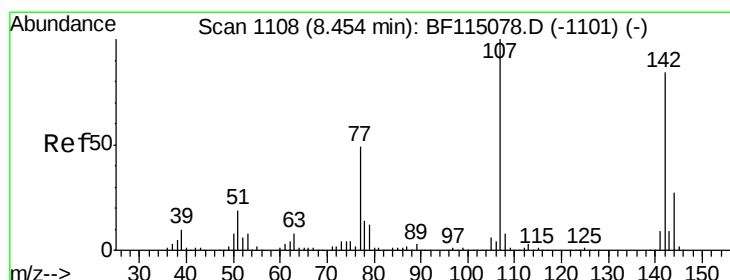
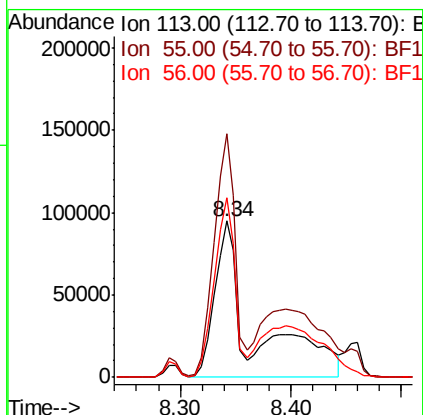
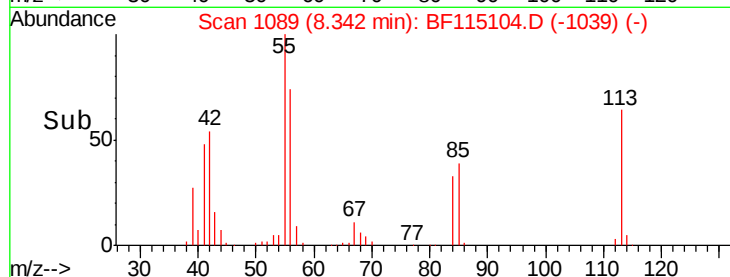
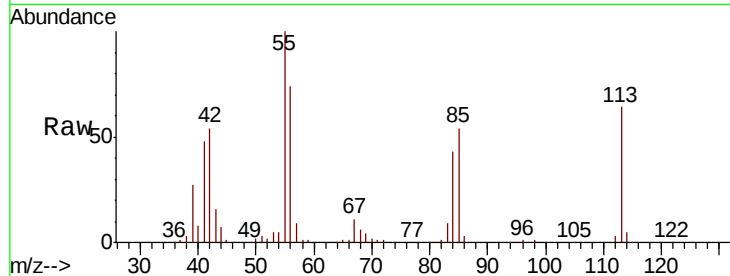
#35
Caprolactam
Concen: 42.797 ng/ml
RT: 8.34 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :
PB120595BS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	156.0	130.2	170.2	
56	114.9	91.6	131.6	

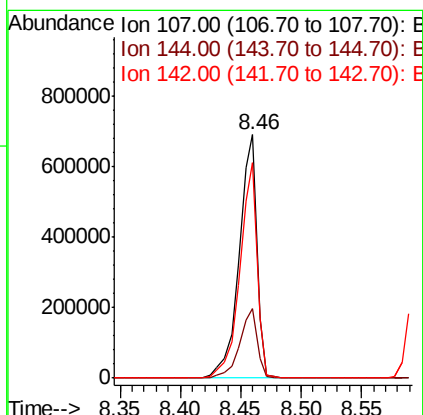
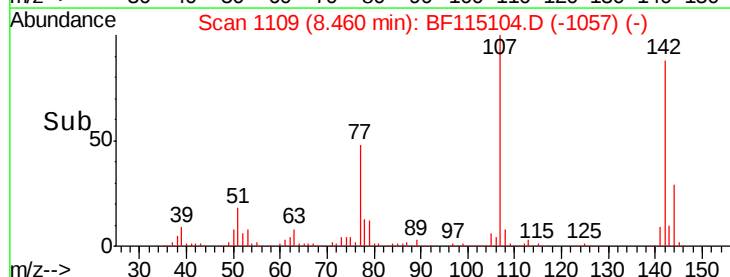
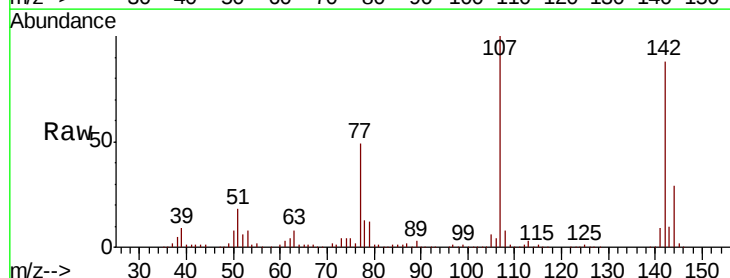
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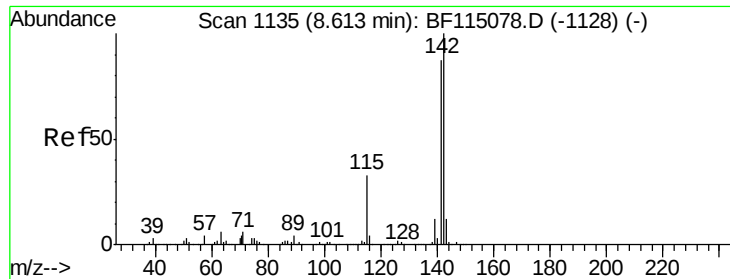
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#36
4-Chloro-3-methylphenol
Concen: 44.371 ng/ml
RT: 8.46 min Scan# 1109
Delta R.T. 0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	28.7	21.7	32.5	
142	88.3	67.0	100.4	





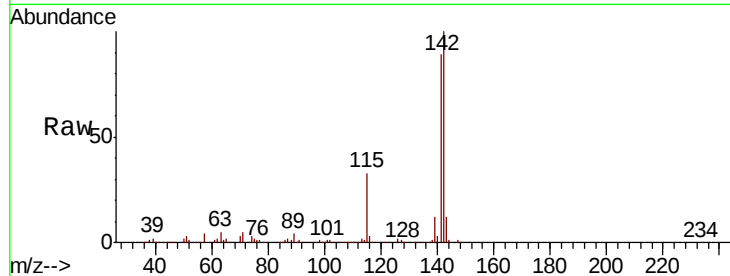
#37
2-Methylnaphthalene
Concen: 45.444 ng
RT: 8.61 min Scan# 1135
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :
PB120595BS

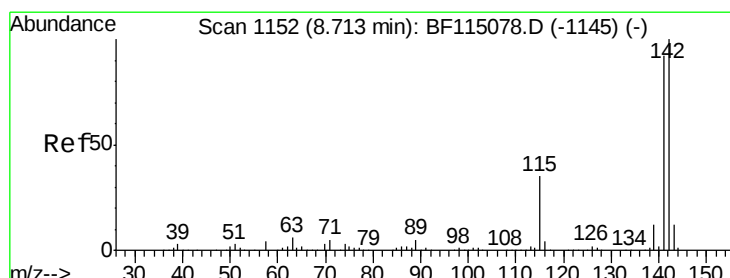
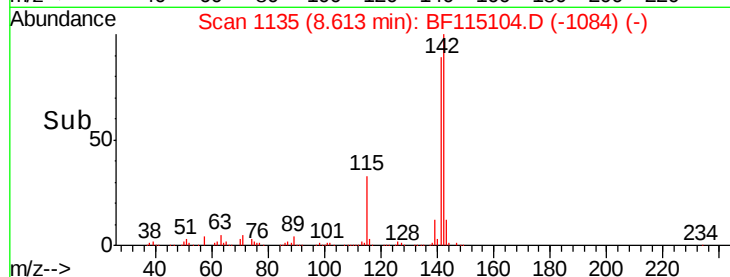
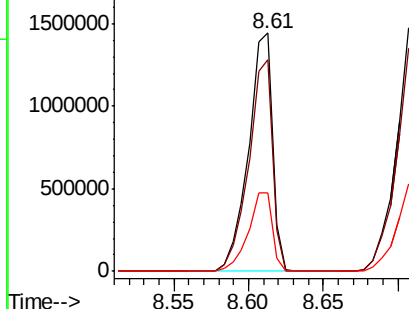
Tot Ion:142 Resp: 1600962
Ion Ratio Lower Upper
142 100
141 88.8 69.8 104.6
115 33.0 26.7 40.1

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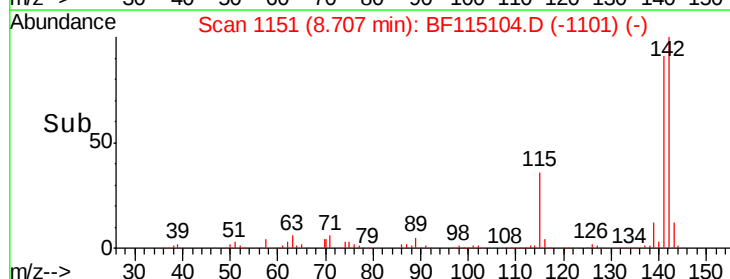
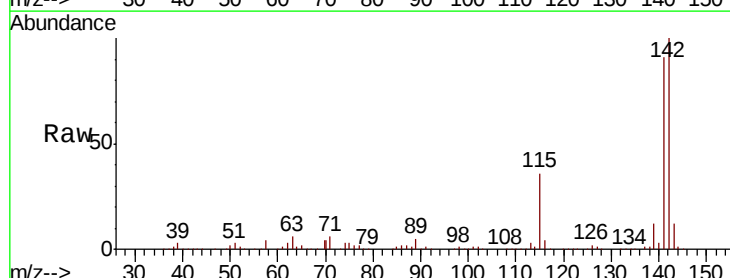
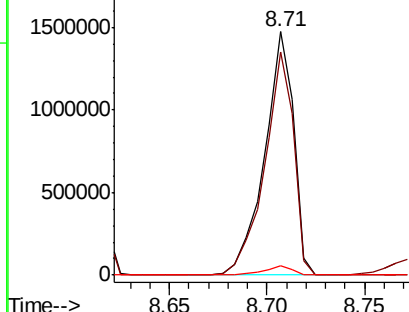
Abundance Ion 142.00 (141.70 to 142.70): E
2000000 Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

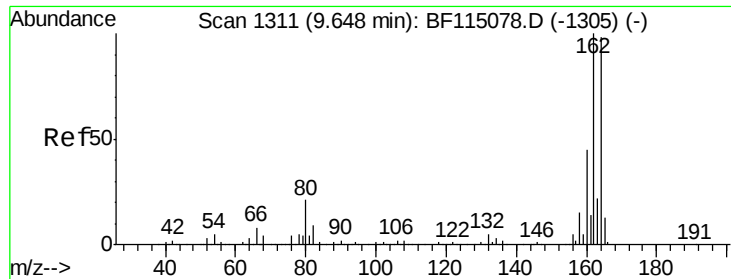


#38
1-Methylnaphthalene
Concen: 45.073 ng
RT: 8.71 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:142 Resp: 1516544
Ion Ratio Lower Upper
142 100
141 91.4 73.8 110.8
116 3.8 2.8 4.2

Abundance Ion 142.00 (141.70 to 142.70): E
2000000 Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





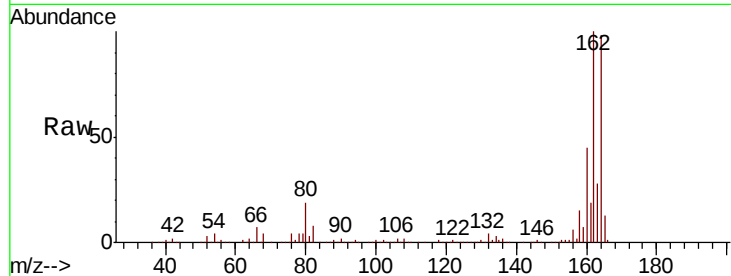
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.65 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :
PB120595BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.7	122.5
160	45.7	37.0	55.4

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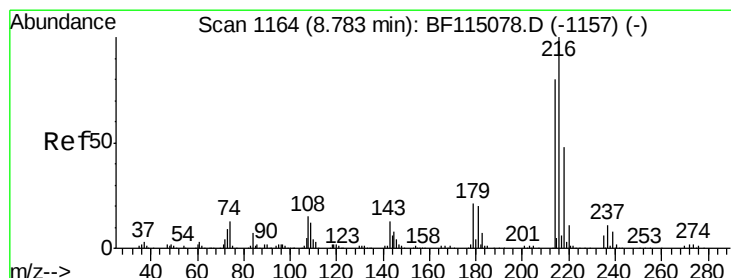
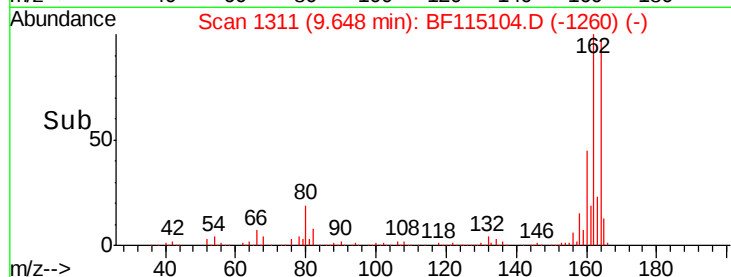
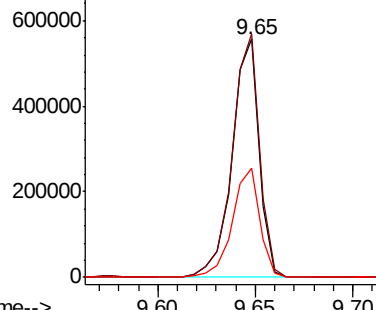


Abundance

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: 42.500 ng
RT: 8.78 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.8	95.6
179	21.8	17.6	26.4
108	21.3	15.7	23.5

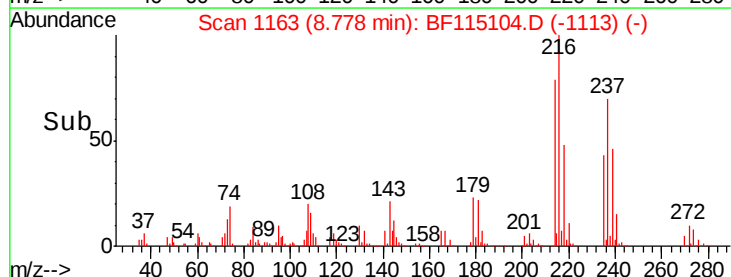
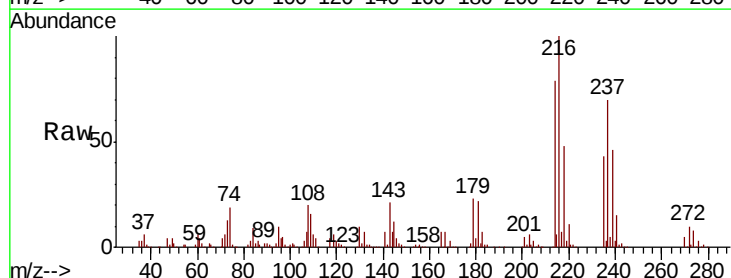
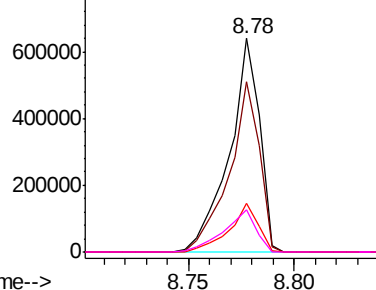
Abundance

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: 85.070 ng

RT: 8.77 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

Instrument :

BNA_F

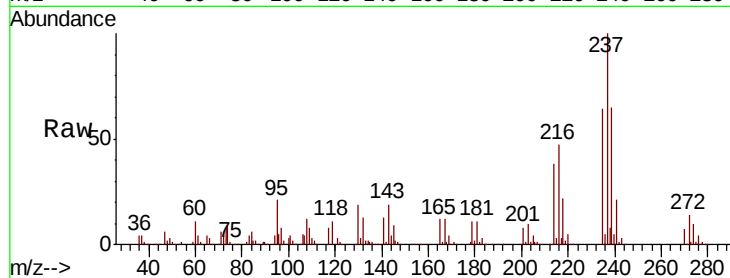
ClientSampleId :

PB120595BS

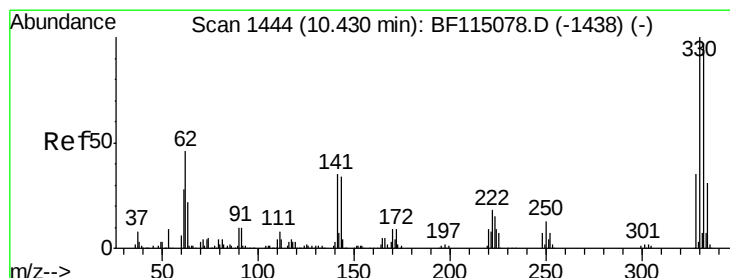
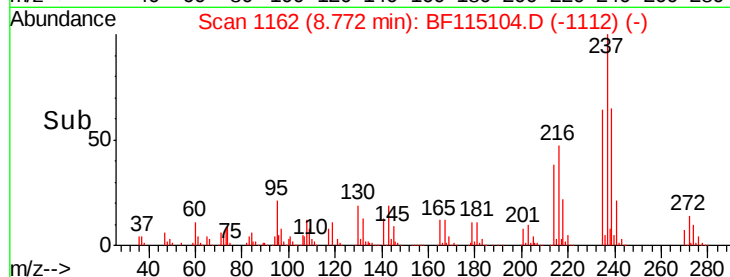
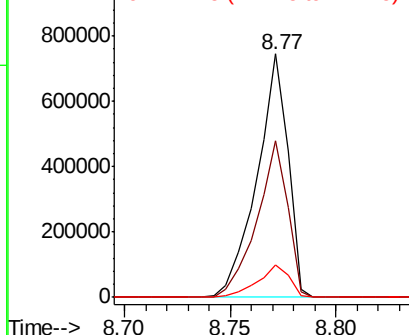
Tot Ion:	237	Resp:	757632
Ion Ratio		Lower	Upper
237	100		
235	64.0	43.9	83.9
272	13.5	0.0	33.8

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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: 124.270 ng

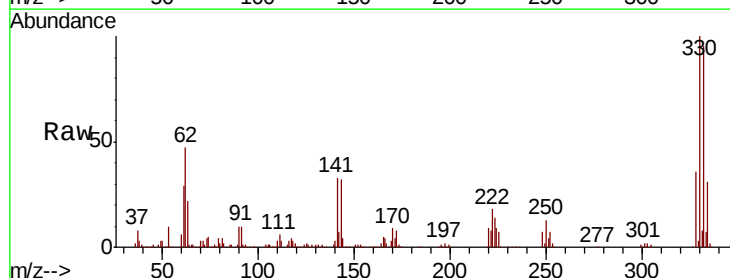
RT: 10.43 min Scan# 1444

Delta R.T. -0.00 min

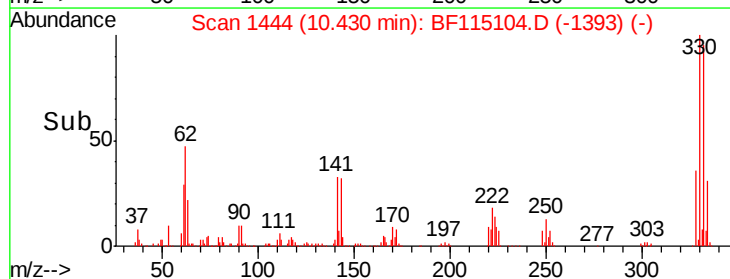
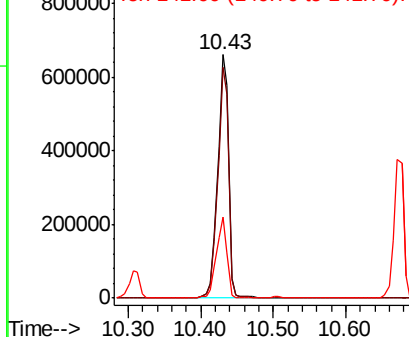
Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

Tgt Ion:	330	Resp:	696523
Ion Ratio		Lower	Upper
330	100		
332	95.3	77.3	115.9
141	32.8	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





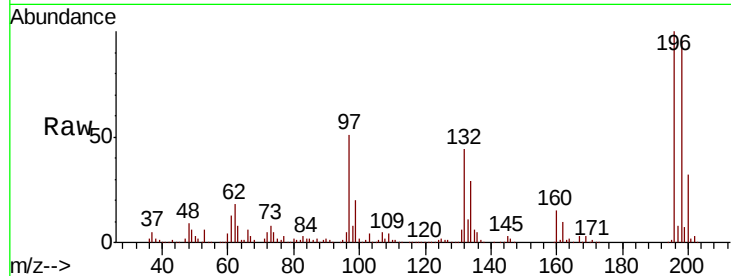
#43
 2,4,6-Trichlorophenol
 Concen: 44.265 ng
 RT: 8.89 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF115104.D
 Acq: 22 Jun 2019 3:09

Instrument :
 BNA_F
 ClientSampleId :
 PB120595BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	513272		
198	96.4	76.3	114.5	
200	31.6	24.2	36.4	

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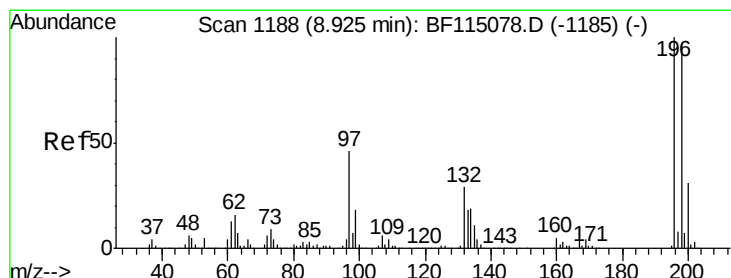
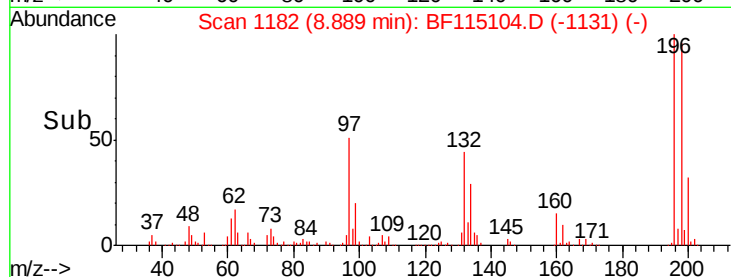
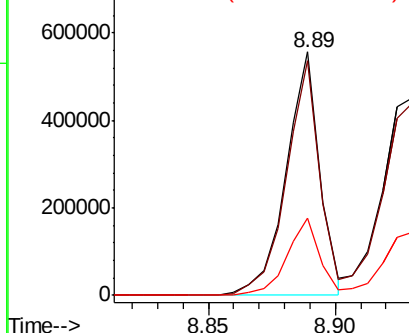


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 44.081 ng
 RT: 8.93 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF115104.D
 Acq: 22 Jun 2019 3:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	526380		
198	97.8	77.1	115.7	
97	44.5	37.7	56.5	
132	28.3	23.1	34.7	

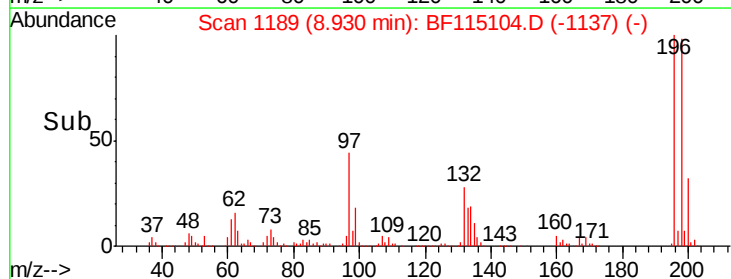
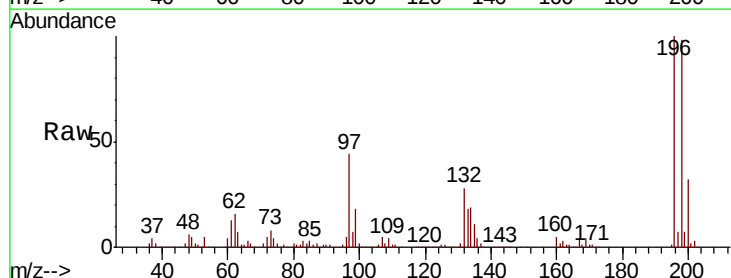
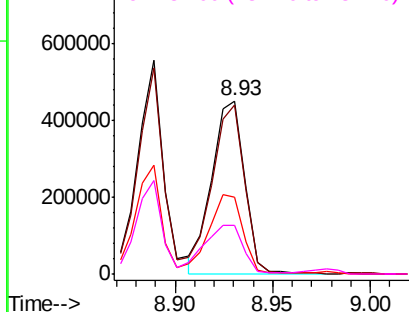
Abundance

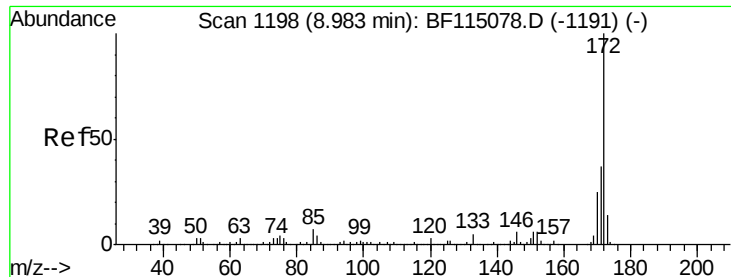
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





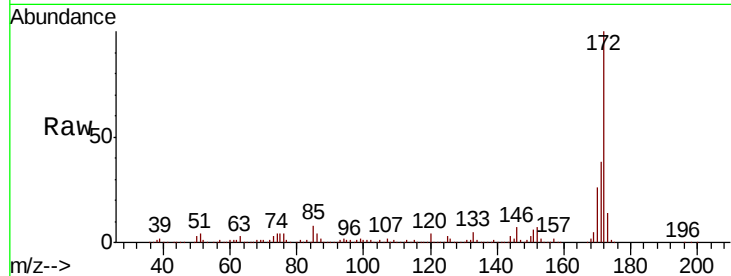
#45
2-Fluorobiphenyl
Concen: 89.695 ng
RT: 8.98 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :
PB120595BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.8	44.6
170	25.9	20.3	30.5

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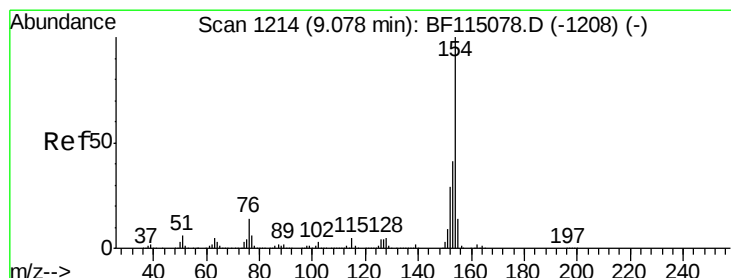
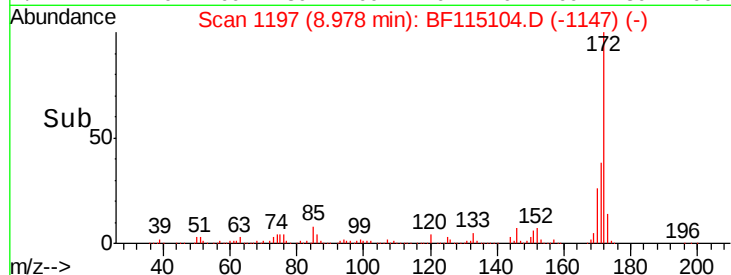
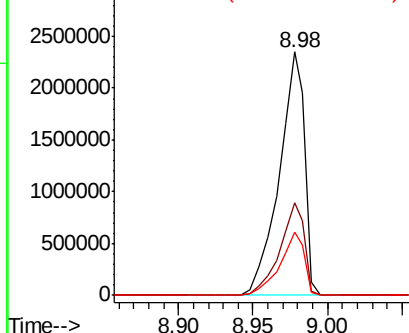


Abundance

Ion 172.00 (171.70 to 172.70): E

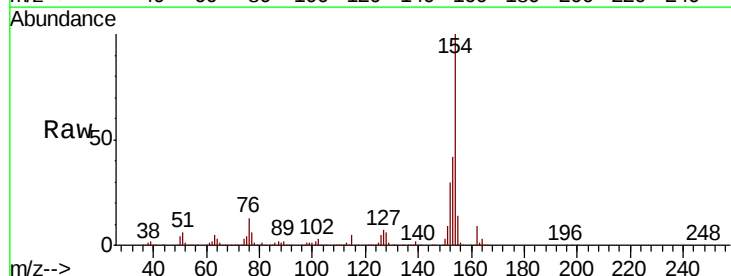
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 42.572 ng
RT: 9.08 min Scan# 1214
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	20.9	60.9
76	13.0	0.0	34.1

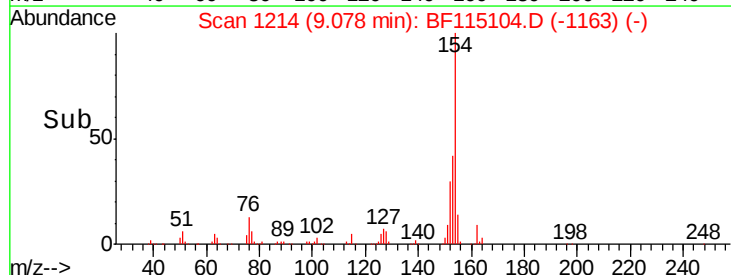
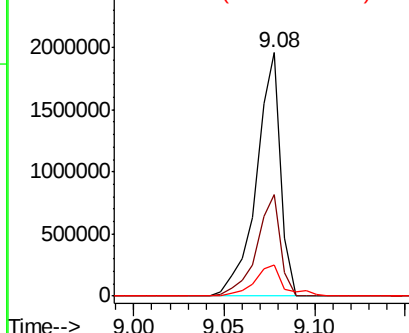


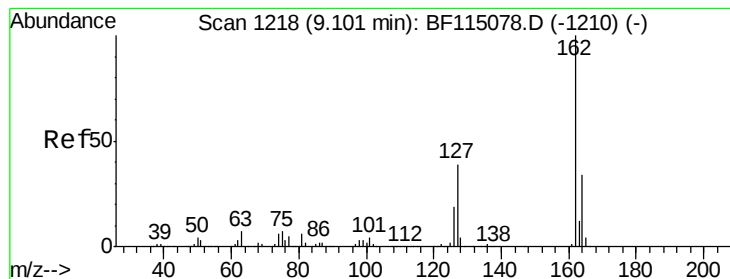
Abundance

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: 42.911 ng

RT: 9.10 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

Instrument :

BNA_F

ClientSampleId :

PB120595BS

Tot Ion: 162 Resp: 1480289

Ion Ratio Lower Upper

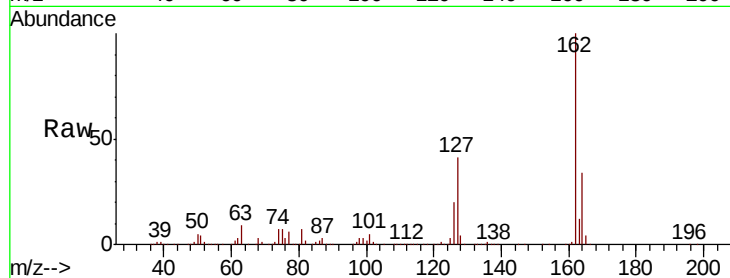
162 100

127 41.2 30.8 46.2

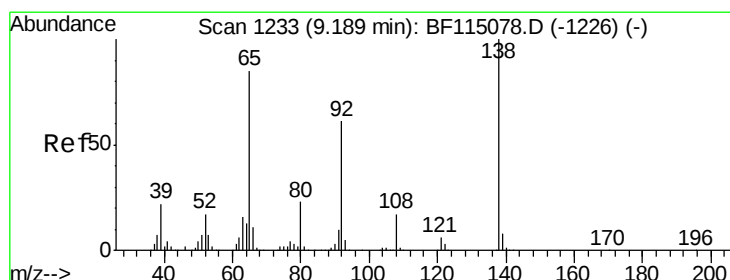
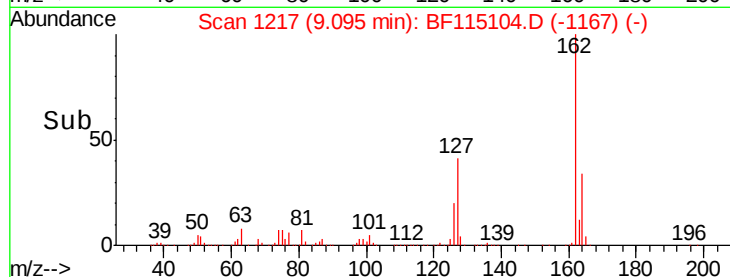
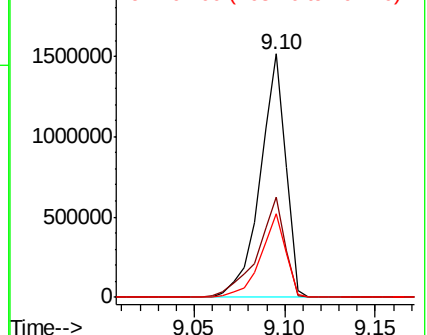
164 34.1 27.0 40.4

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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: 43.083 ng

RT: 9.19 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

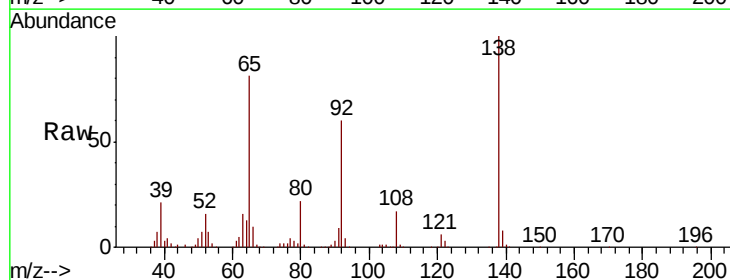
Tgt Ion: 65 Resp: 433296

Ion Ratio Lower Upper

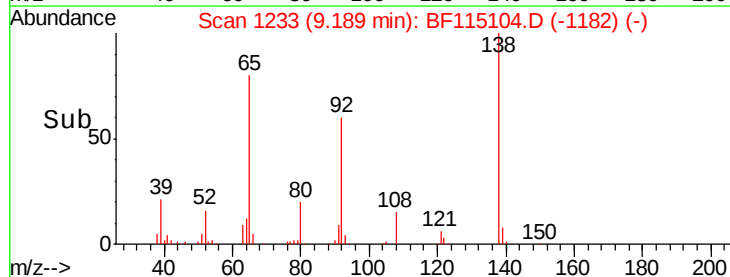
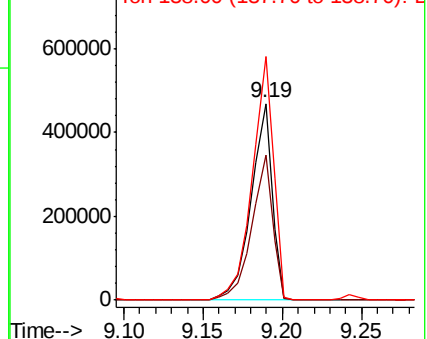
65 100

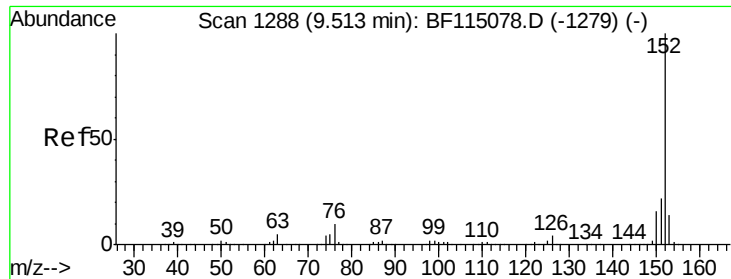
92 74.1 57.4 86.2

138 124.0 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





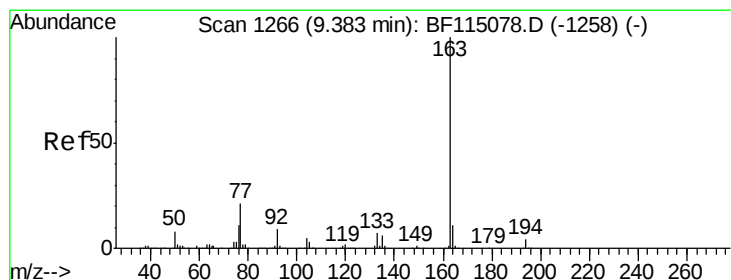
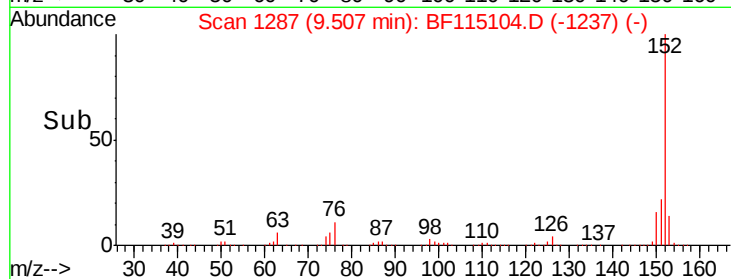
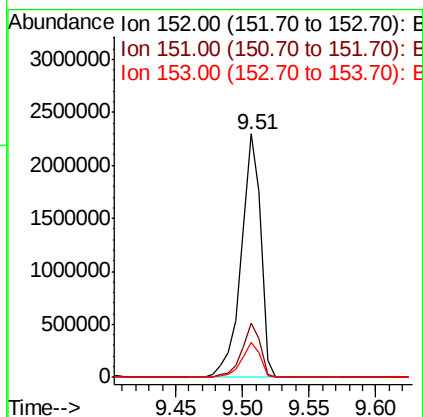
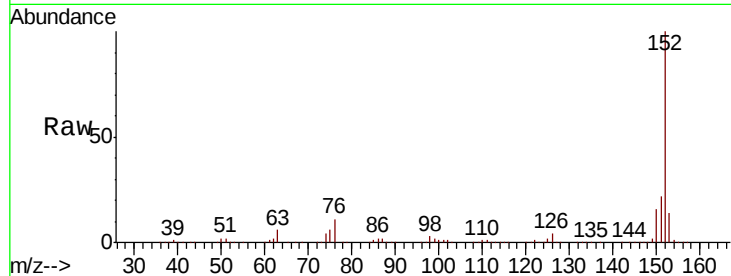
#49
Acenaphthylene
Concen: 43.090 ng
RT: 9.51 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :
PB120595BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.0	17.2	25.8
153	14.4	11.0	16.6

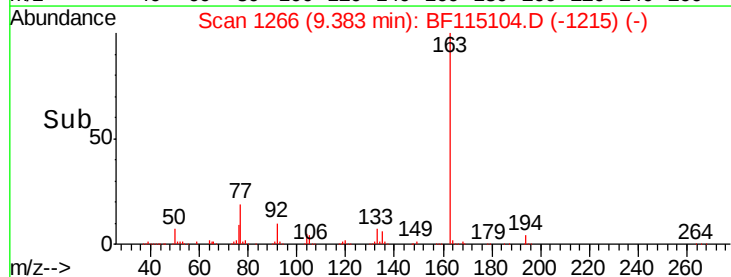
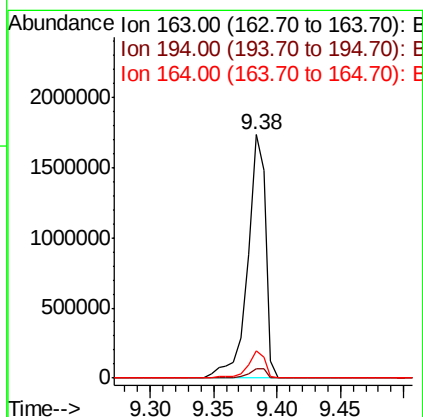
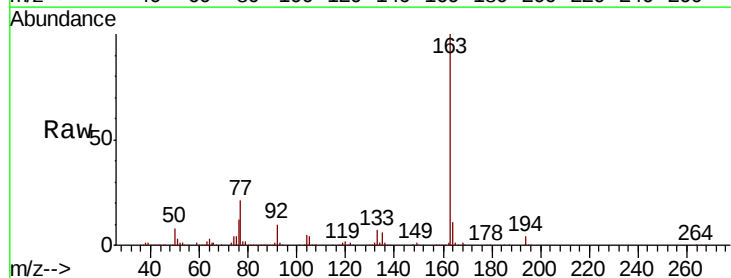
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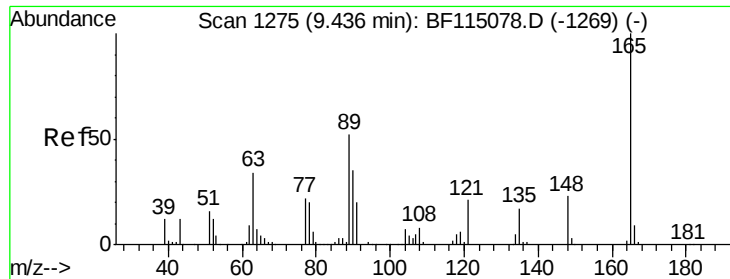
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#50
Dimethylphthalate
Concen: 43.505 ng
RT: 9.38 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	11.1	8.6	13.0





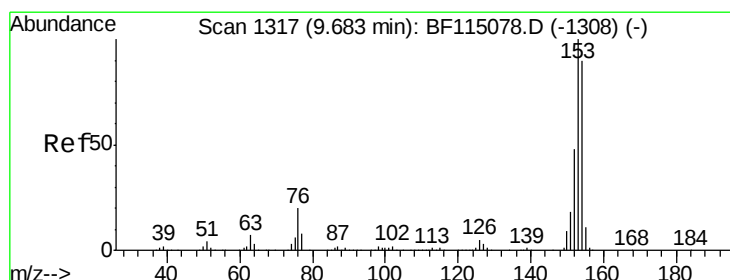
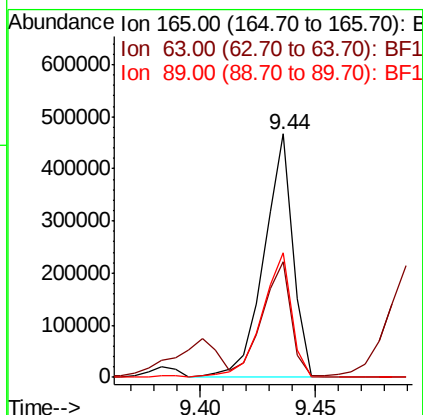
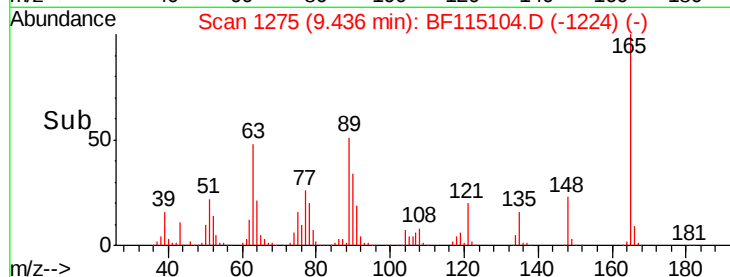
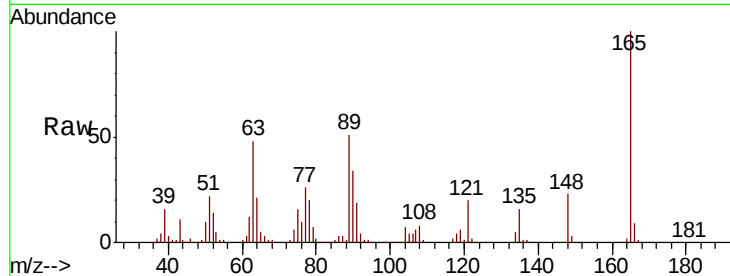
#51
2,6-Dinitrotoluene
Concen: 44.973 ng
RT: 9.44 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :
PB120595BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.5	39.4	59.2
89	51.1	42.0	63.0

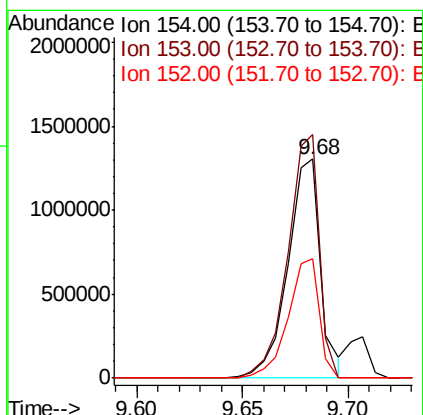
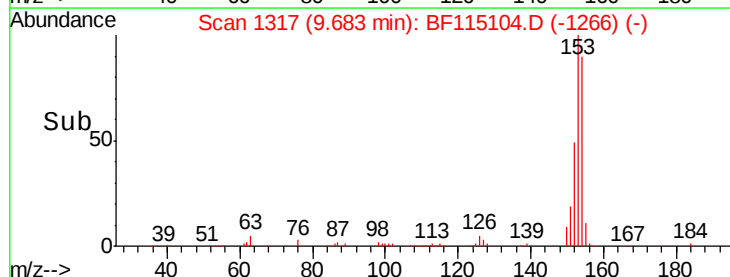
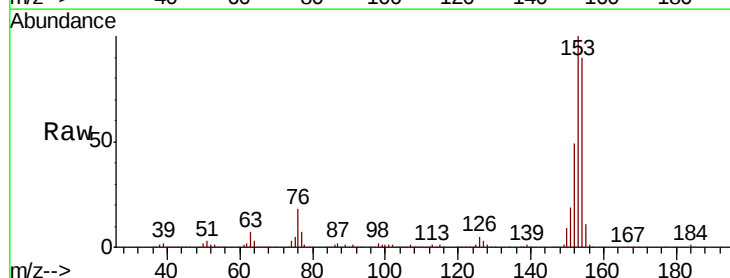
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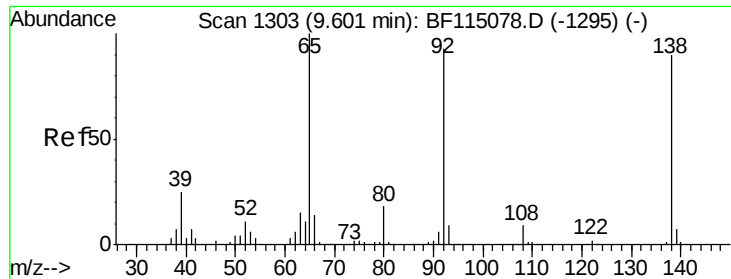
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#52
Acenaphthene
Concen: 41.942 ng
RT: 9.68 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.1	88.7	133.1
152	54.5	42.6	64.0





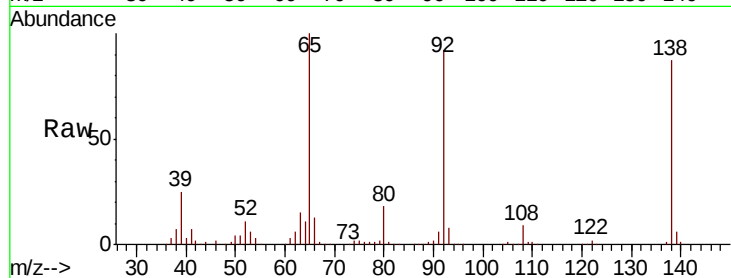
#53
3-Nitroaniline
Concen: 27.713 ng
RT: 9.60 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :
PB120595BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	305316		
108	10.0	7.8	11.6	
92	105.9	82.9	124.3	

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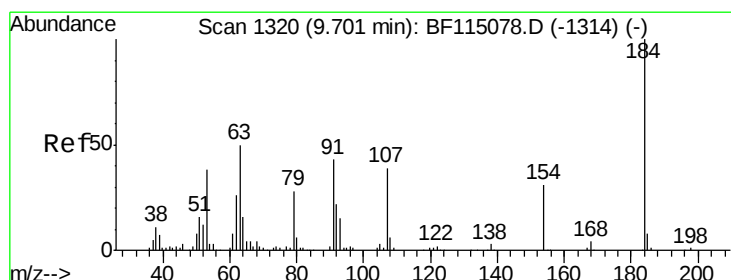
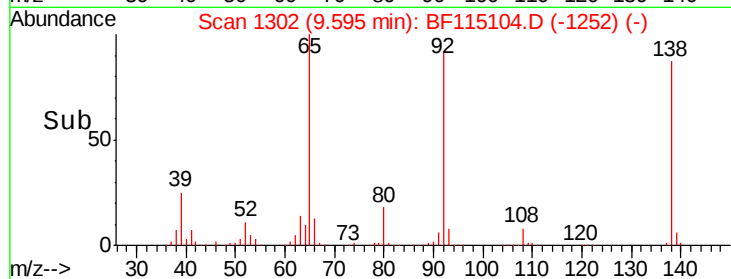
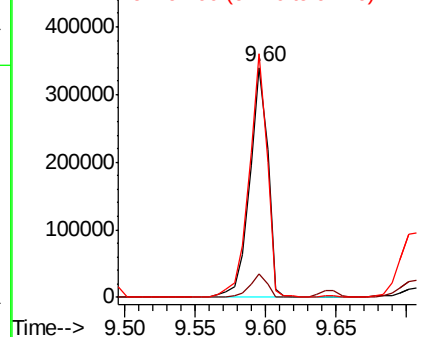


Abundance

Ion 138.00 (137.70 to 138.70): E

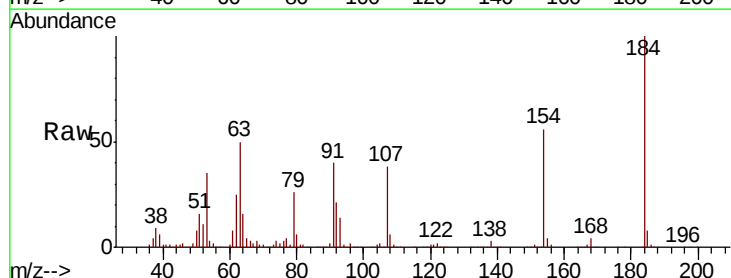
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 90.392 ng
RT: 9.71 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	424793		
63	49.9	41.9	62.9	
154	55.8	44.7	67.1	

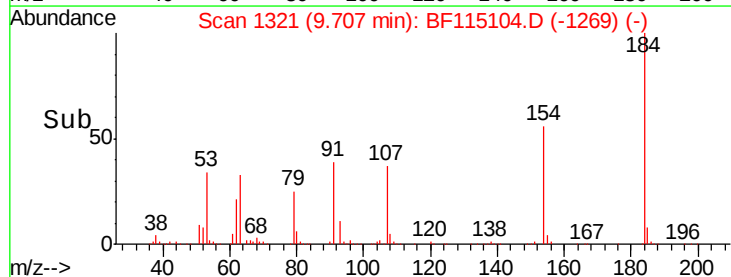
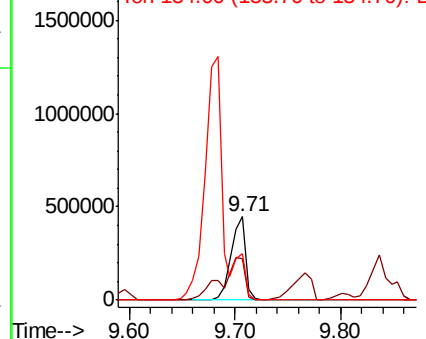


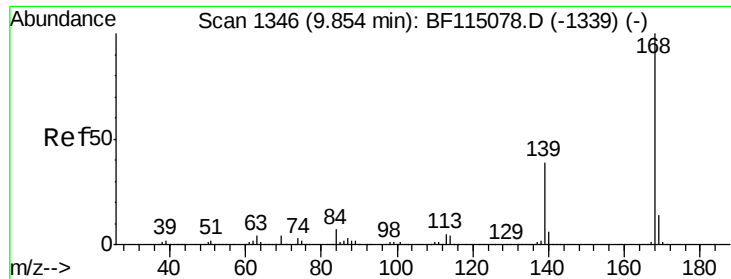
Abundance

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





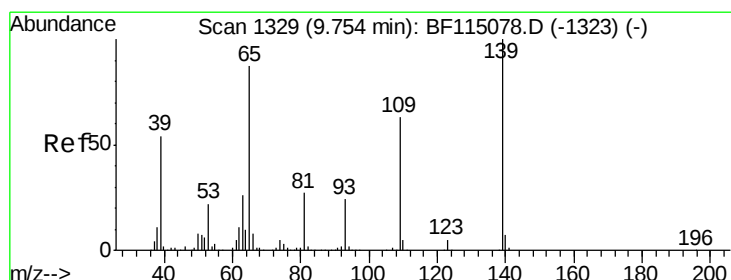
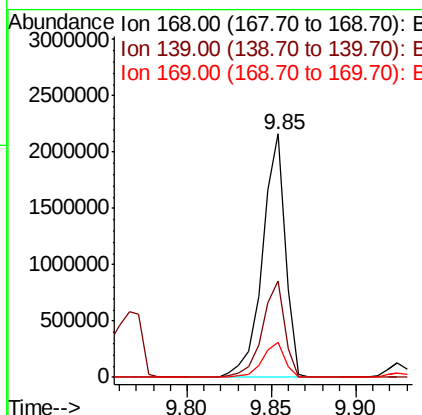
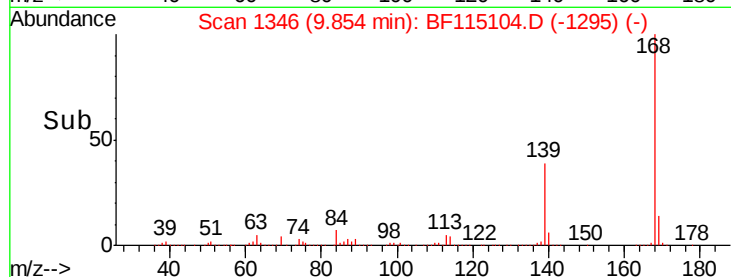
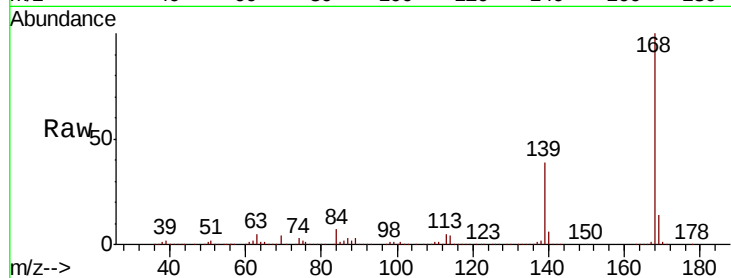
#55
Dibenzofuran
Concen: 41.818 ng
RT: 9.85 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :
PB120595BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.4	31.1	46.7
169	14.2	11.3	16.9

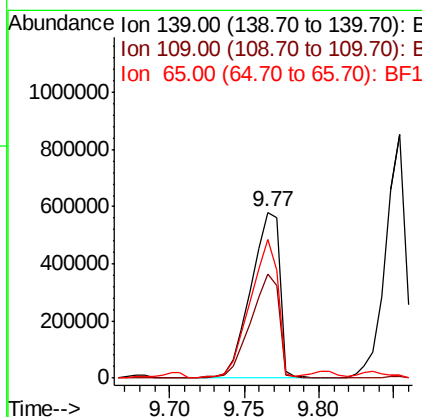
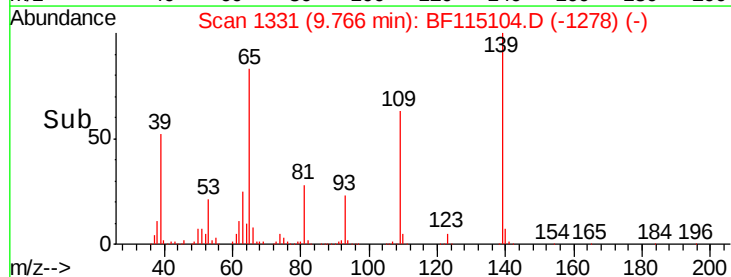
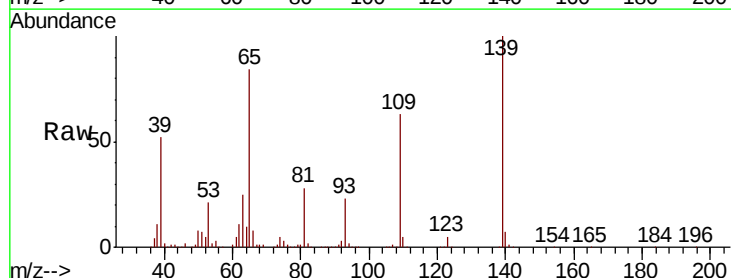
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#56
4-Nitrophenol
Concen: 87.522 ng
RT: 9.77 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.1	43.0	83.0
65	83.6	67.0	107.0





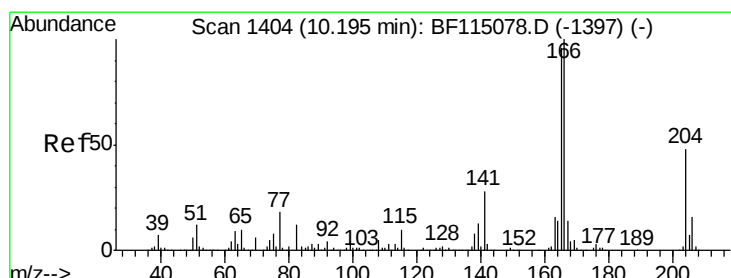
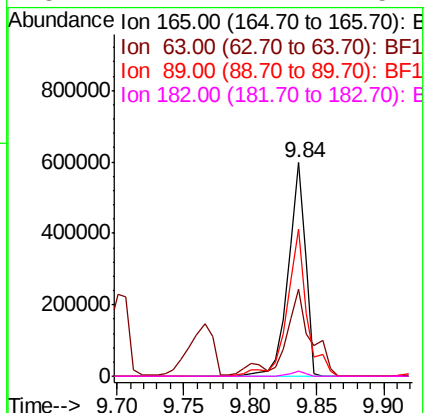
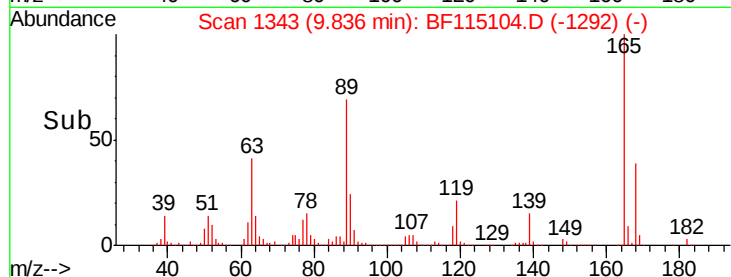
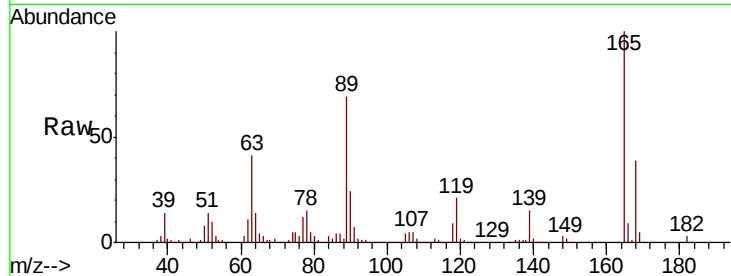
#57
 2,4-Dinitrotoluene
 Concen: 46.633 ng
 RT: 9.84 min Scan# 1343
 Delta R.T. -0.00 min
 Lab File: BF115104.D
 Acq: 22 Jun 2019 3:09

Instrument :
 BNA_F
 ClientSampleId :
 PB120595BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		543593		
63	40.7	27.5	41.3		
89	68.7	49.9	74.9		
182	2.7	2.1	3.1		

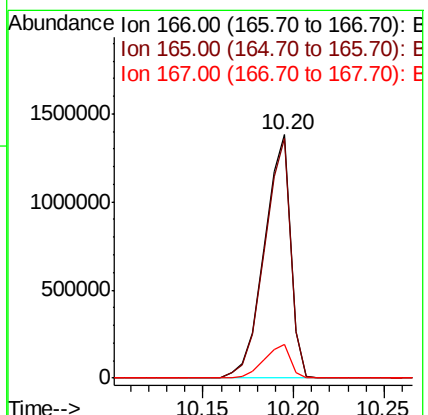
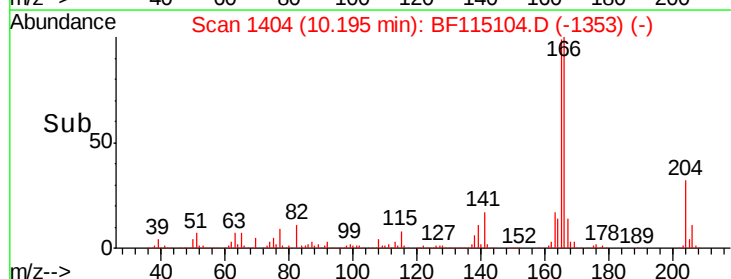
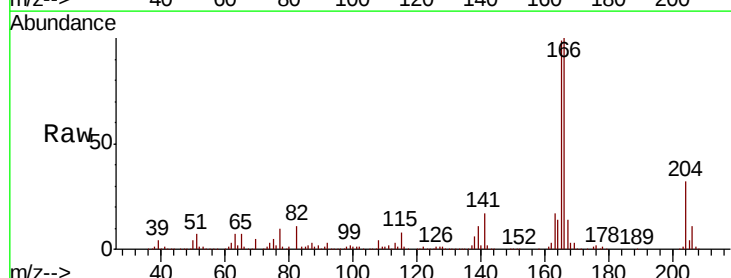
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#58
 Fluorene
 Concen: 42.908 ng
 RT: 10.20 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BF115104.D
 Acq: 22 Jun 2019 3:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1388849		
165	98.6	76.5	114.7		
167	13.6	11.0	16.4		





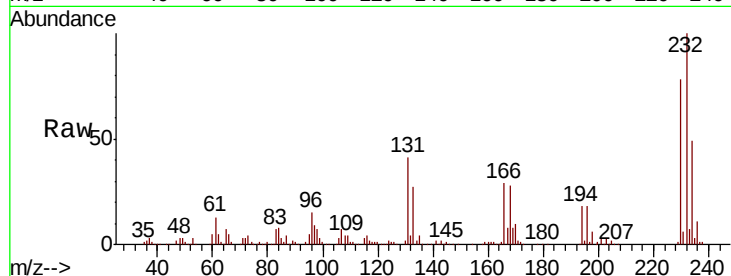
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.739 ng
 RT: 9.97 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF115104.D
 Acq: 22 Jun 2019 3:09

Instrument :
 BNA_F
 ClientSampleId :
 PB120595BS

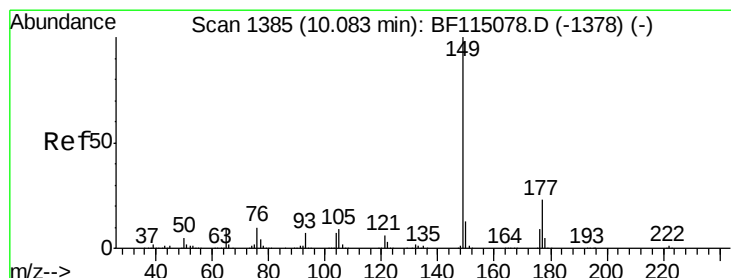
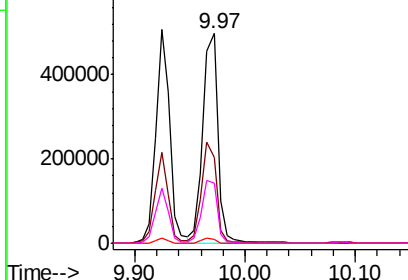
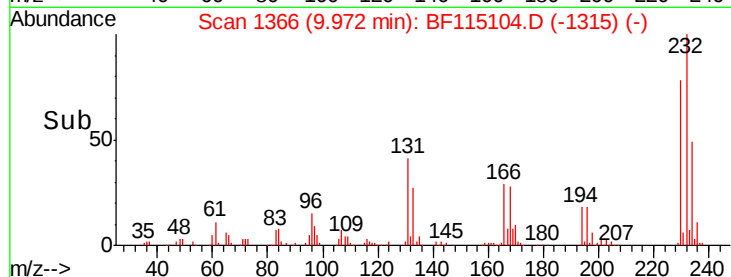
Tot Ion	Ratio	Lower	Upper
232	100		
131	47.7	37.4	56.0
130	2.3	1.8	2.6
166	31.1	24.6	36.8

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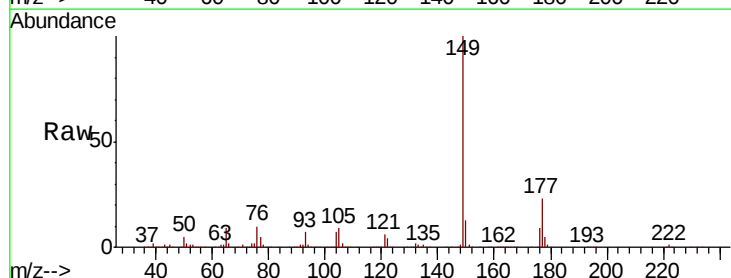


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

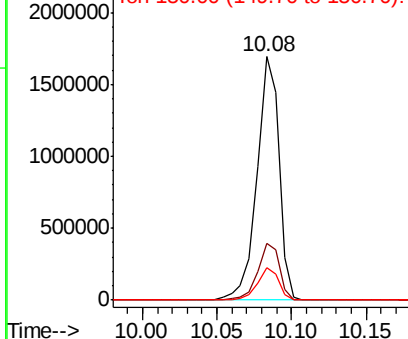
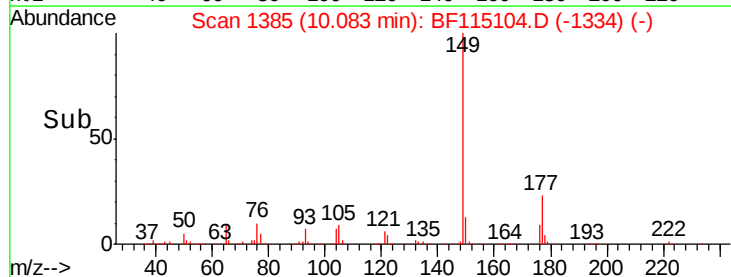


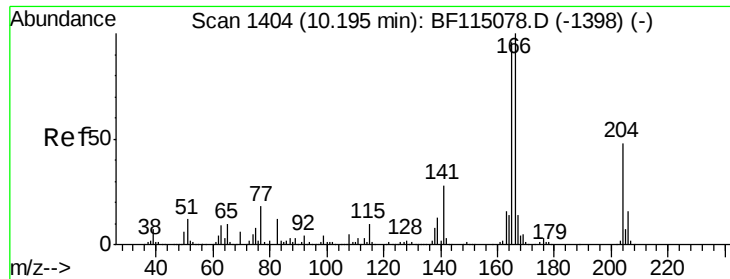
#60
 Diethylphthalate
 Concen: 43.504 ng
 RT: 10.08 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: BF115104.D
 Acq: 22 Jun 2019 3:09

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.7	28.1
150	13.1	10.4	15.6



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





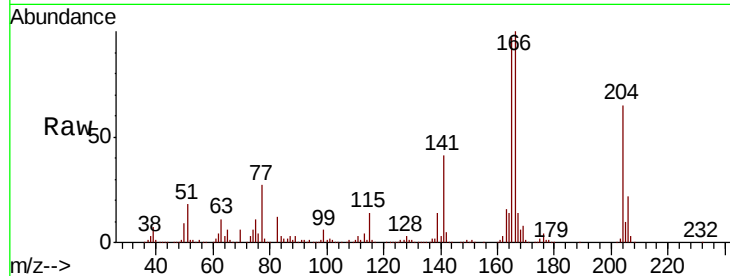
#61
4-Chlorophenyl-phenylether
Concen: 42.898 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampled :
PB120595BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	660032		
206	33.2	26.6	40.0	
141	62.4	46.7	70.1	

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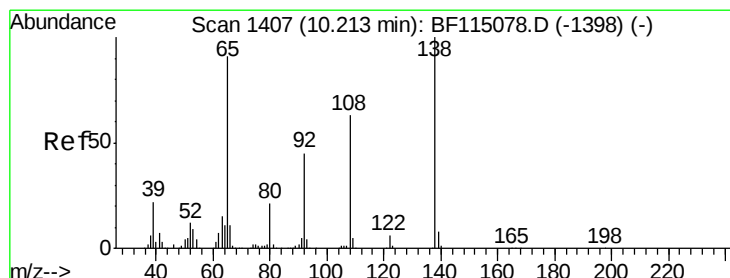
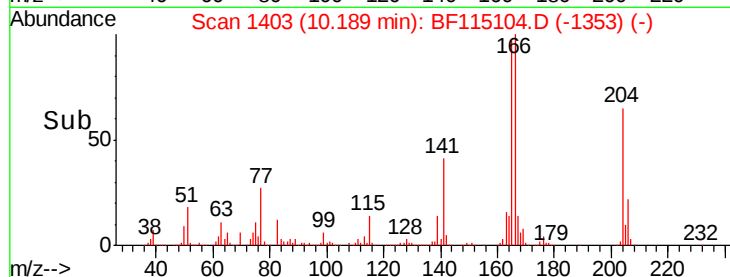
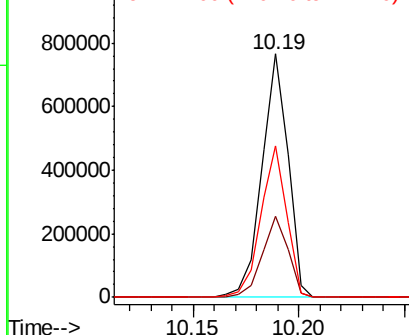


Abundance

Ion 204.00 (203.70 to 204.70): E

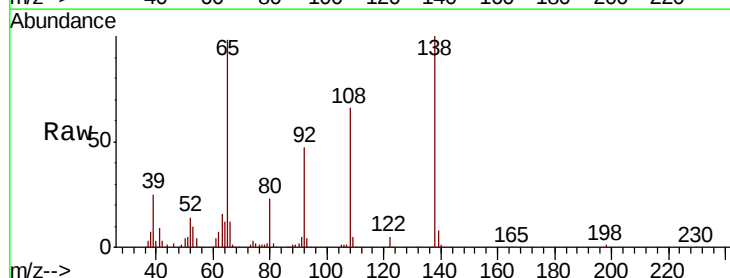
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 42.405 ng
RT: 10.21 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	468666		
92	46.7	24.8	64.8	
108	65.6	43.3	83.3	

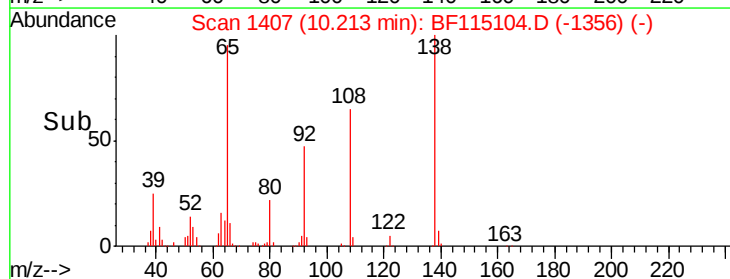
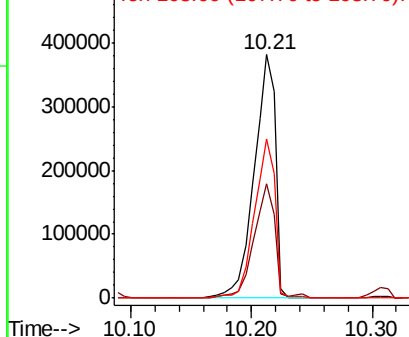


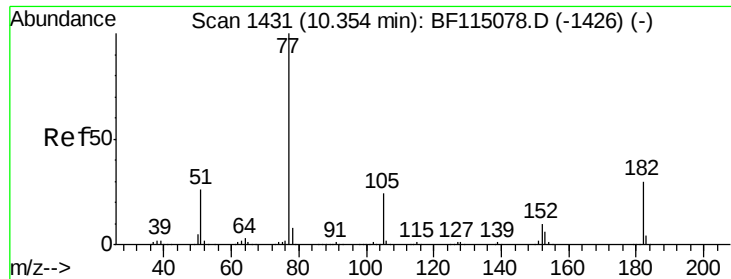
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





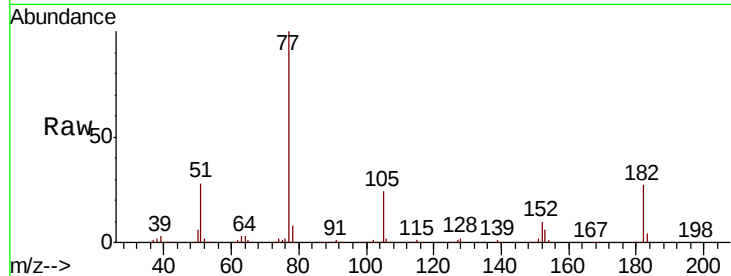
#63
Azobenzene
Concen: 43.519 ng
RT: 10.35 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :
PB120595BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.4	10.1	50.1	
105	23.9	4.5	44.5	
51	27.7	6.4	46.4	

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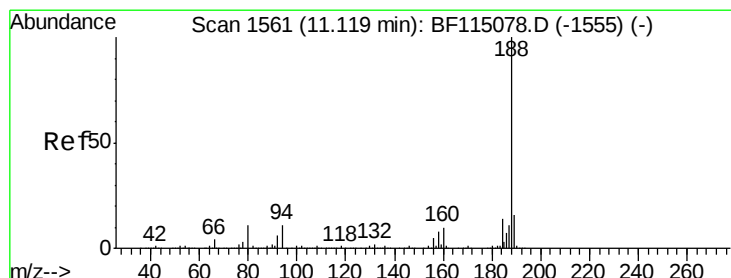
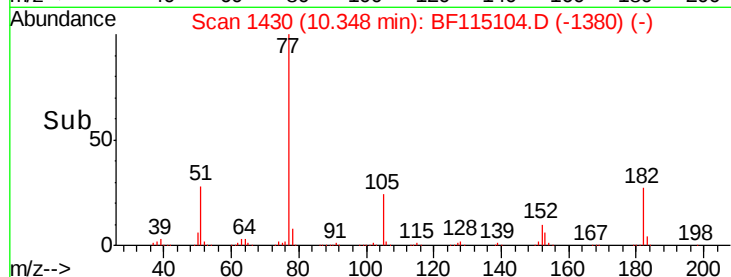
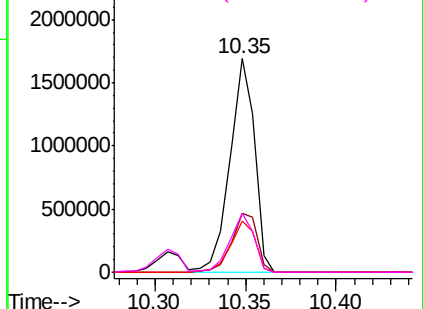
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

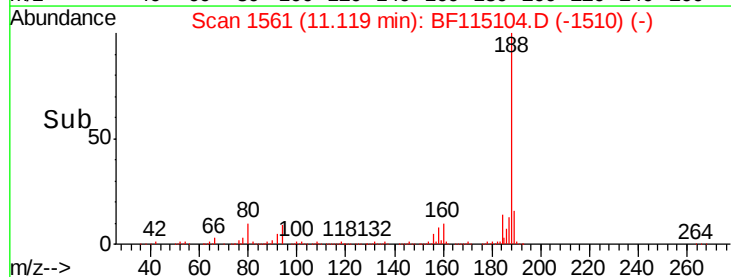
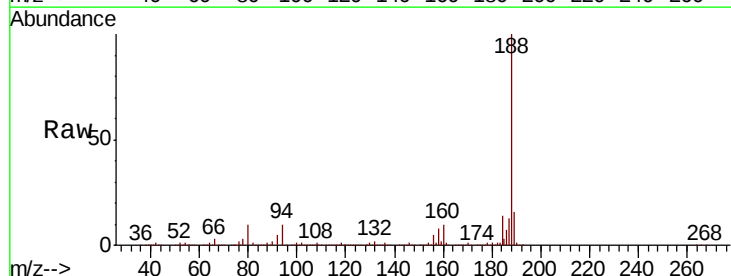
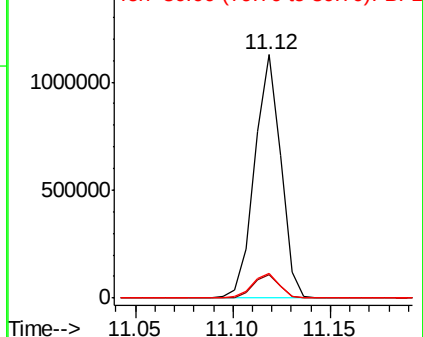
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.6	8.6	12.8	
80	10.2	8.8	13.2	

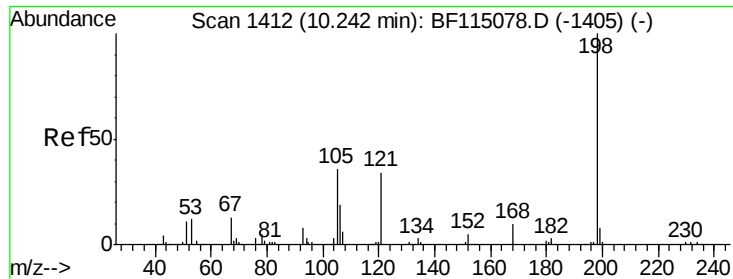
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





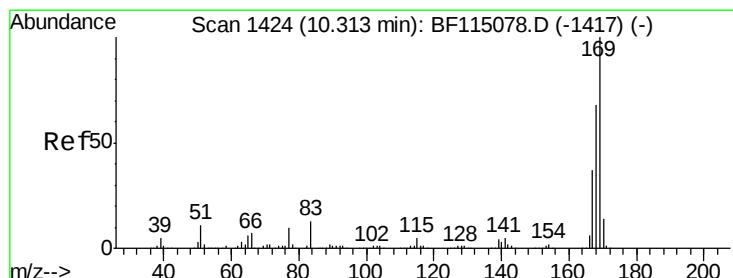
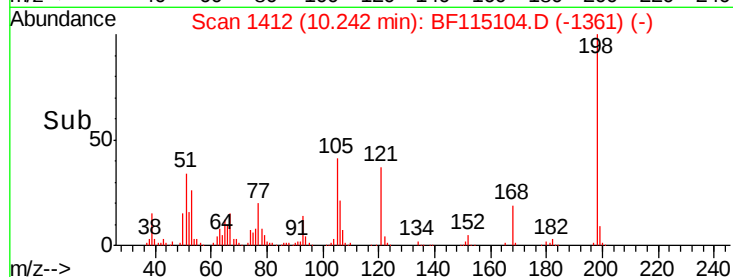
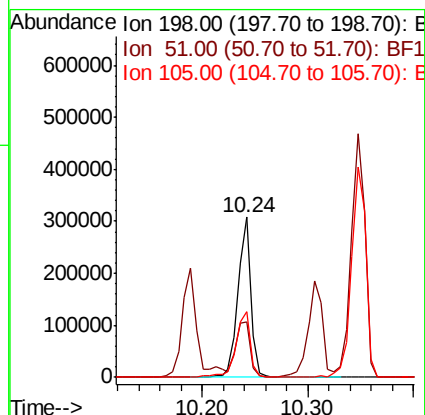
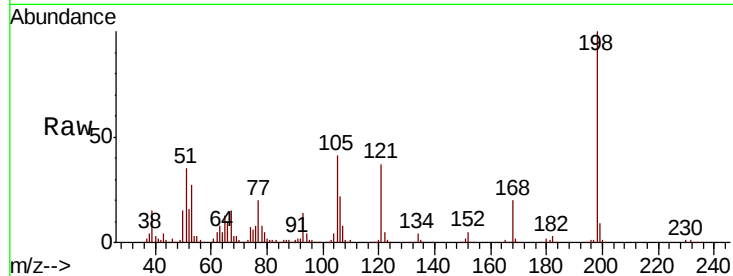
#65
4,6-Dinitro-2-methylphenol
Concen: 46.205 ng
RT: 10.24 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :
PB120595BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	34.5	11.0	51.0
105	41.4	17.3	57.3

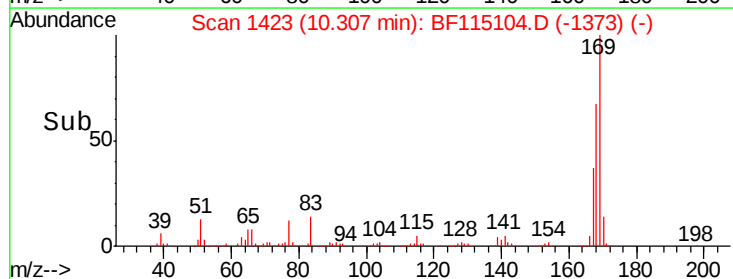
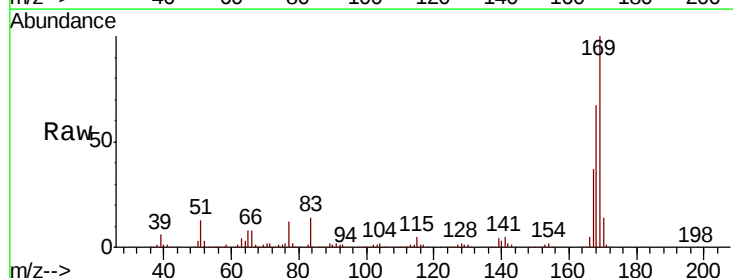
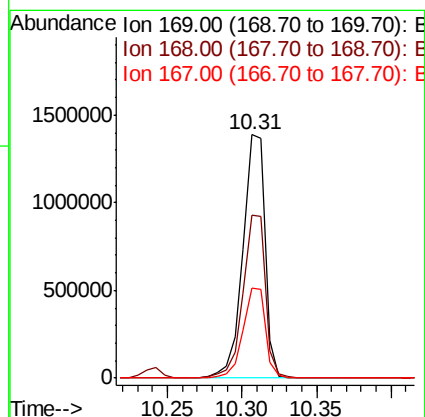
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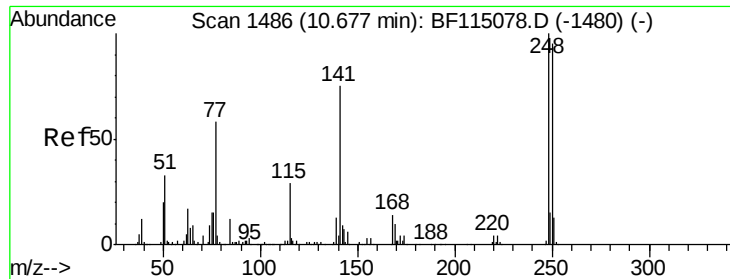
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#66
n-Nitrosodiphenylamine
Concen: 44.021 ng
RT: 10.31 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.9	54.2	81.4
167	36.9	29.4	44.0





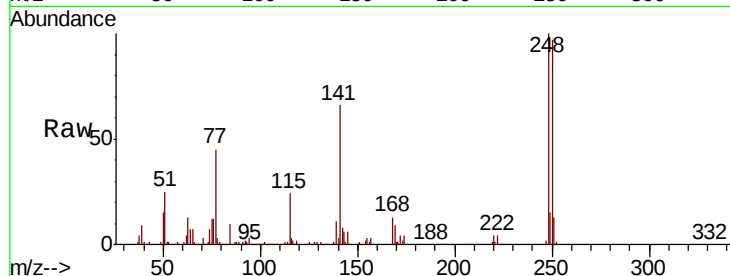
#67
 4-Bromophenyl-phenylether
 Concen: 42.831 ng
 RT: 10.68 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: BF115104.D
 Acq: 22 Jun 2019 3:09

Instrument :
 BNA_F
 ClientSampleId :
 PB120595BS

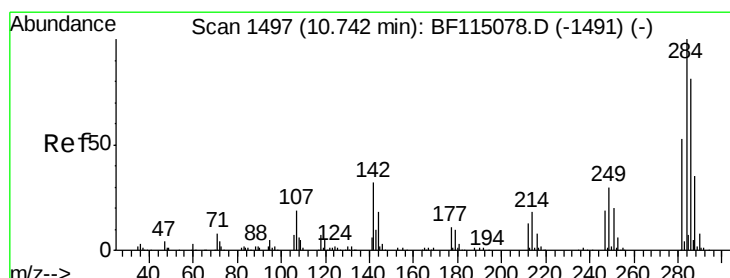
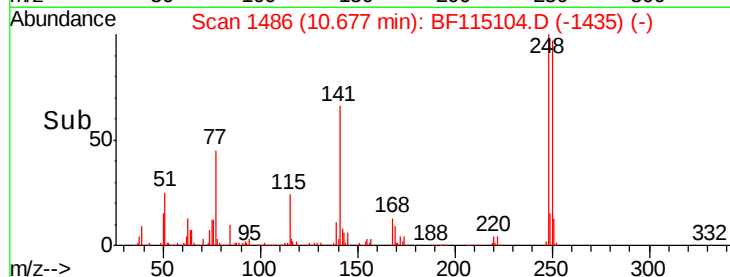
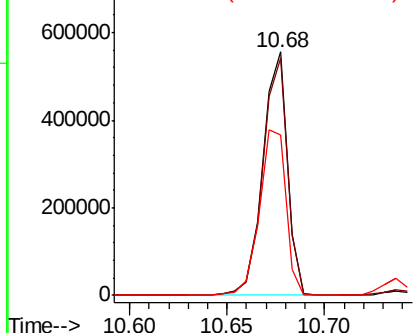
Tot Ion:	248	Resp:	485722
Ion Ratio		Lower	Upper
248	100		
250	97.3	76.2	114.2
141	66.0	59.6	89.4

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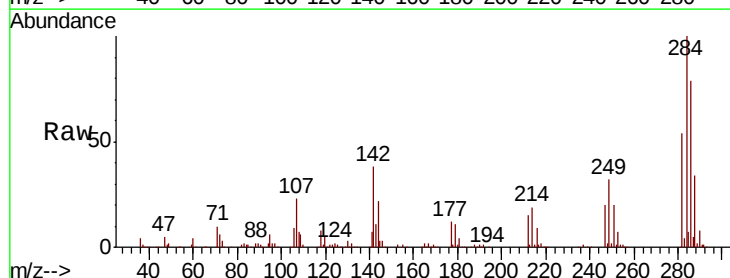


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

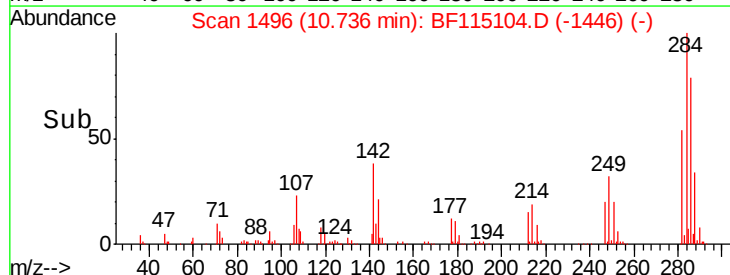
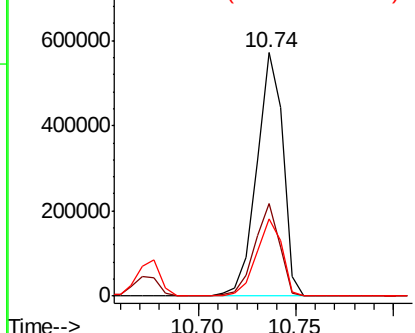


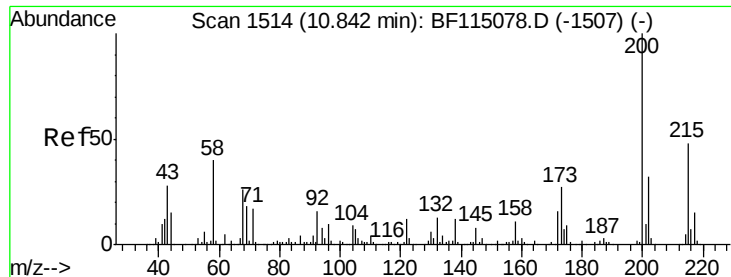
#68
 Hexachlorobenzene
 Concen: 42.977 ng
 RT: 10.74 min Scan# 1496
 Delta R.T. -0.01 min
 Lab File: BF115104.D
 Acq: 22 Jun 2019 3:09

Tgt Ion:	284	Resp:	529018
Ion Ratio		Lower	Upper
284	100		
142	37.8	25.8	38.8
249	31.8	24.2	36.4



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





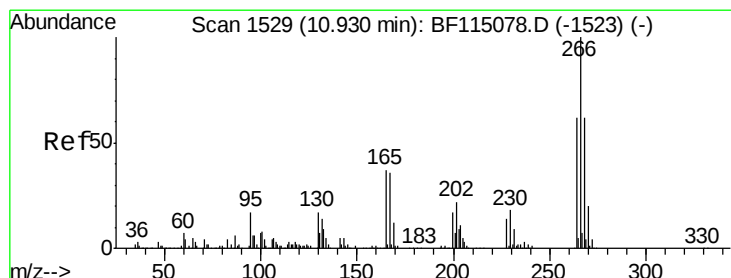
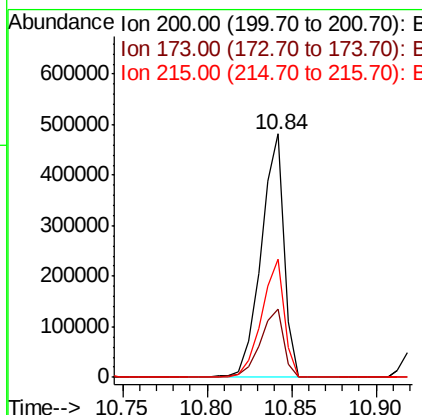
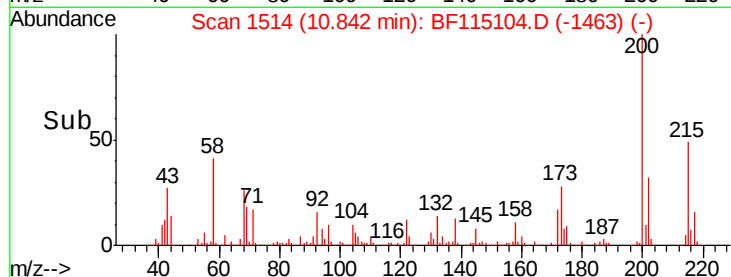
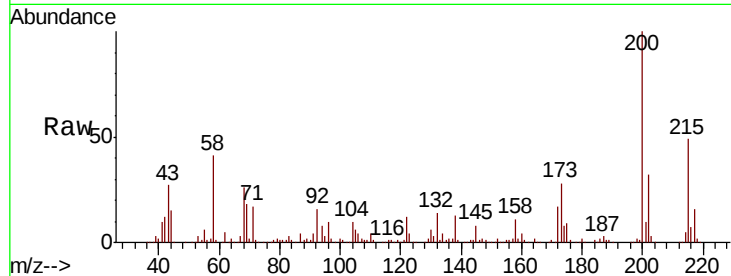
#69
Atrazine
Concen: 43.102 ng
RT: 10.84 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :
PB120595BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.8	7.4	47.4
215	48.6	27.8	67.8

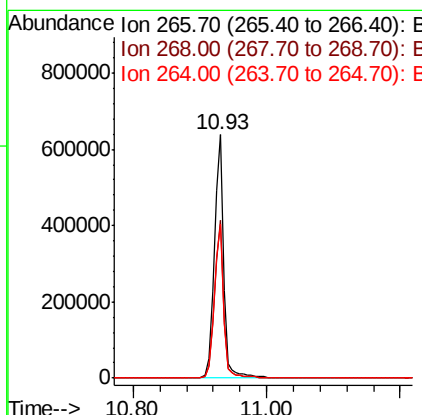
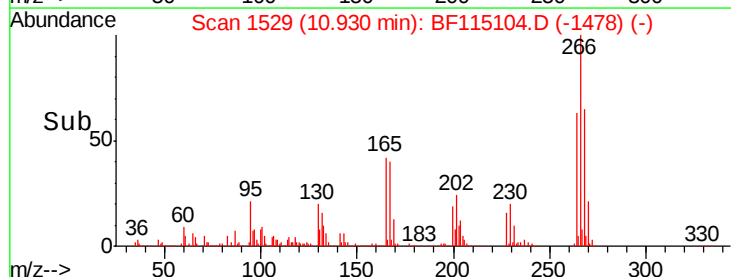
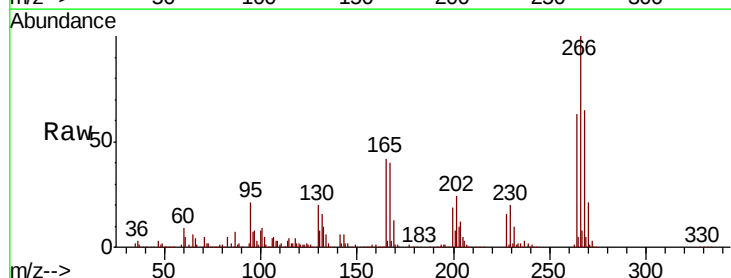
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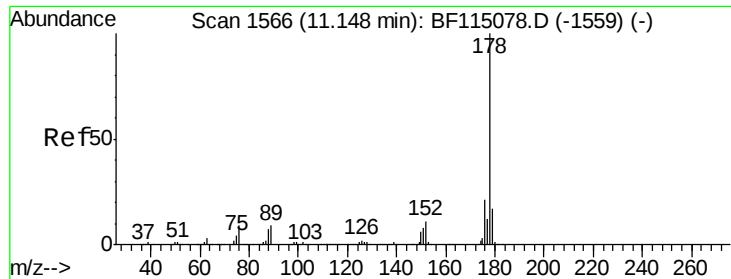
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#70
Pentachlorophenol
Concen: 80.416 ng
RT: 10.93 min Scan# 1529
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.9	49.5	74.3
264	63.5	49.3	73.9





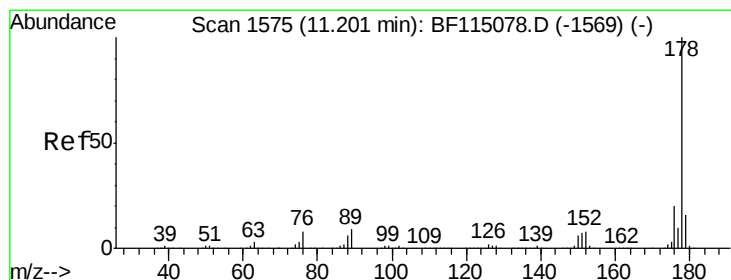
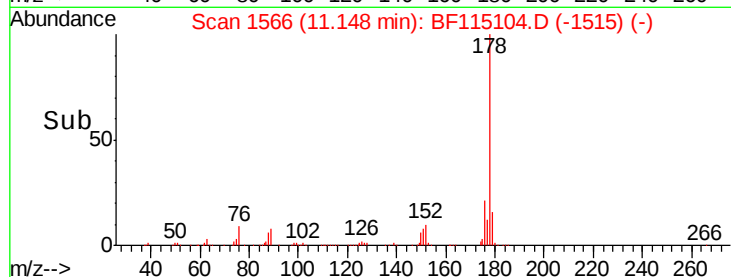
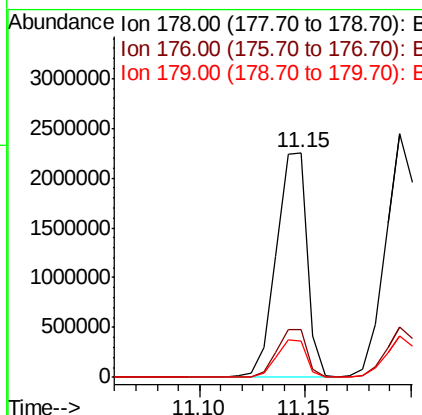
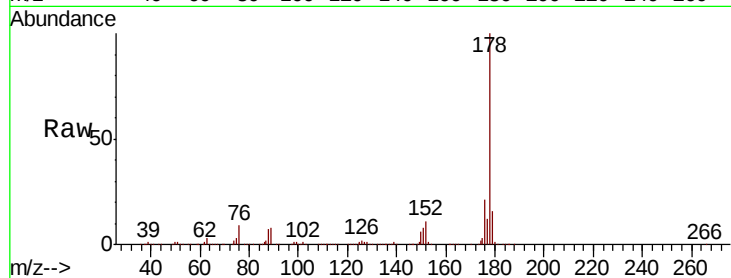
#71
Phenanthrene
Concen: 40.793 ng
RT: 11.15 min Scan# 1566
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :
PB120595BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.3	16.9	25.3
179	16.3	13.2	19.8

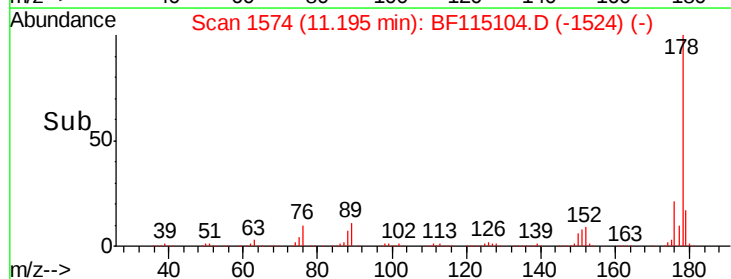
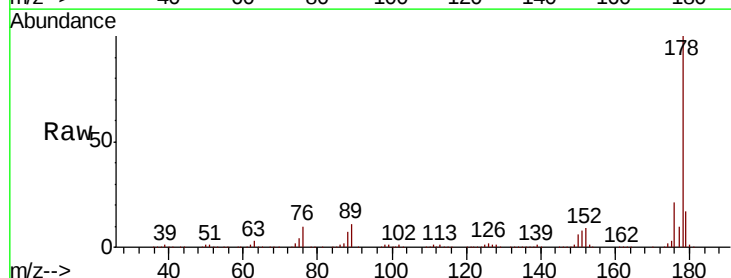
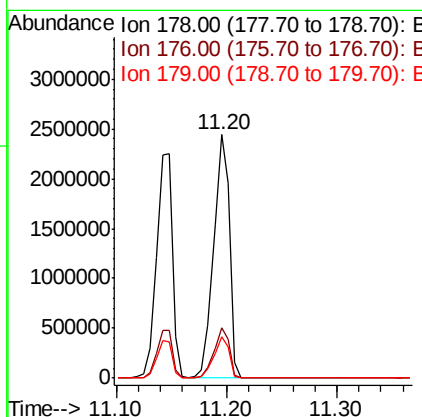
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#72
Anthracene
Concen: 41.971 ng
RT: 11.20 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.1	24.1
179	17.1	12.9	19.3





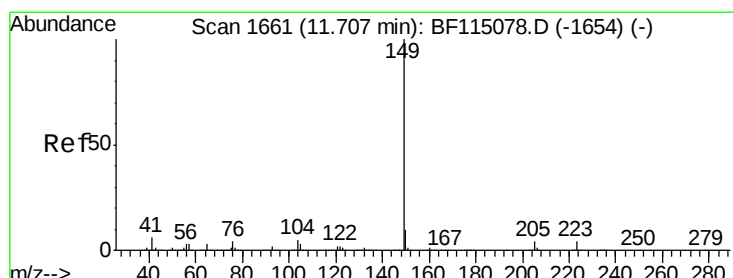
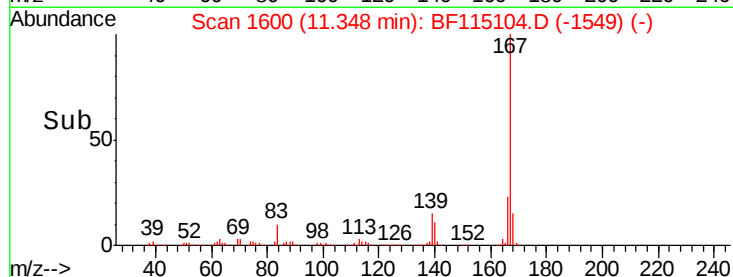
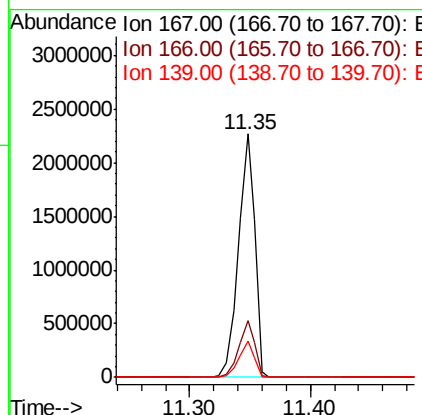
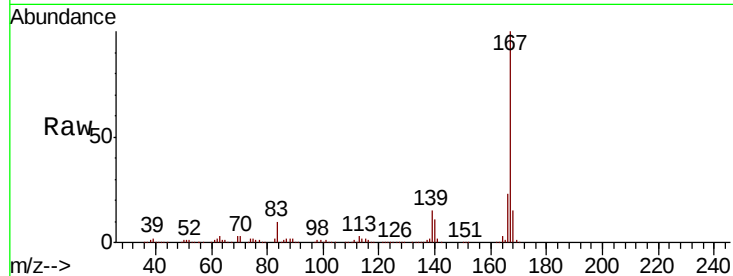
#73
 Carbazole
 Concen: 42.301 ng
 RT: 11.35 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BF115104.D
 Acq: 22 Jun 2019 3:09

Instrument :
 BNA_F
 ClientSampleId :
 PB120595BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.4	18.0	27.0
139	14.8	11.1	16.7

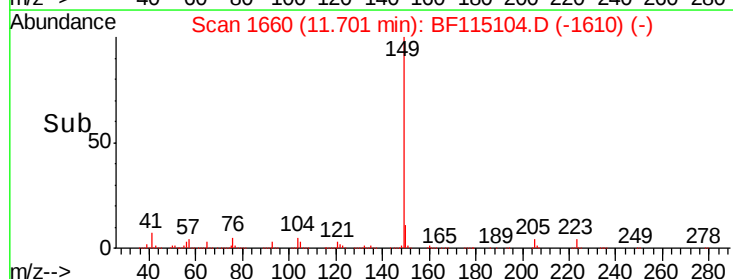
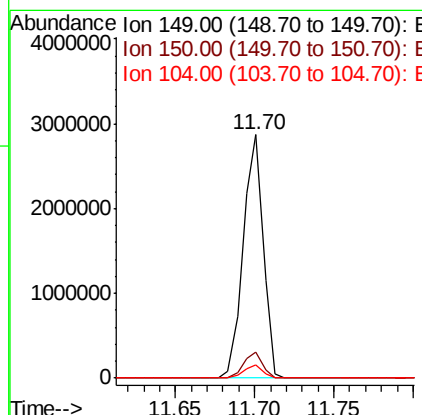
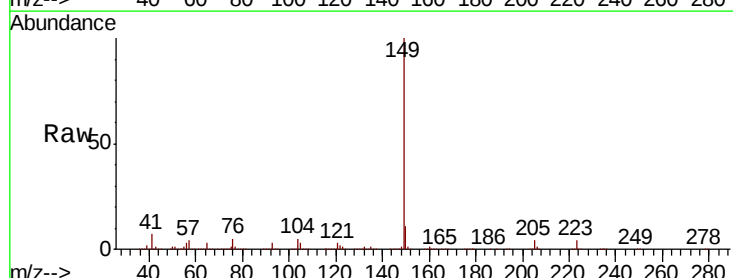
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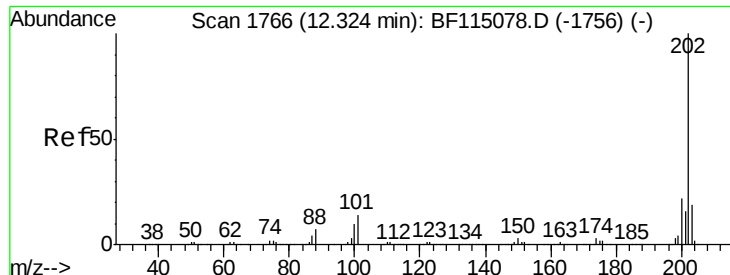
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#74
 Di-n-butylphthalate
 Concen: 42.560 ng
 RT: 11.70 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BF115104.D
 Acq: 22 Jun 2019 3:09

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





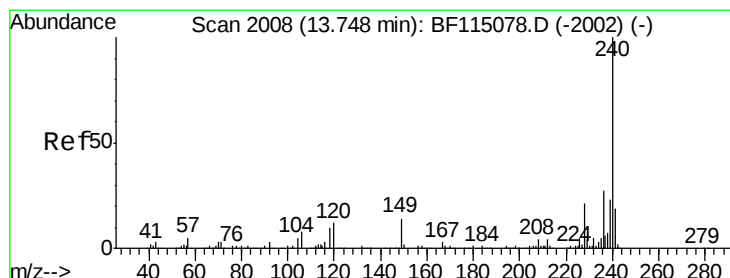
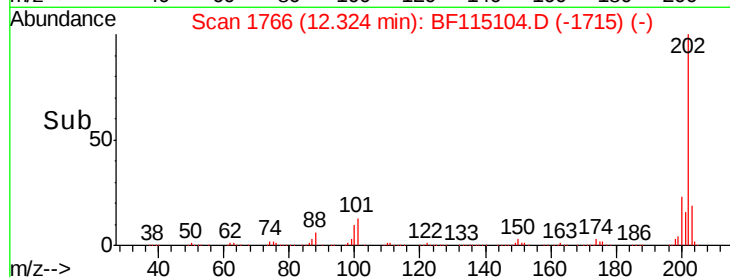
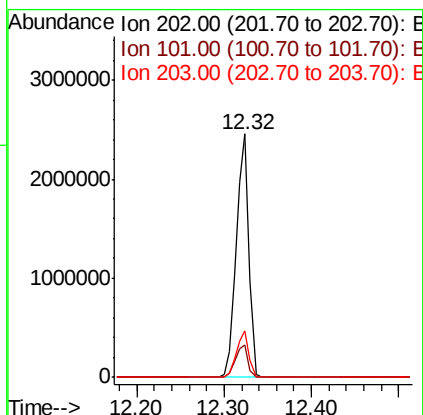
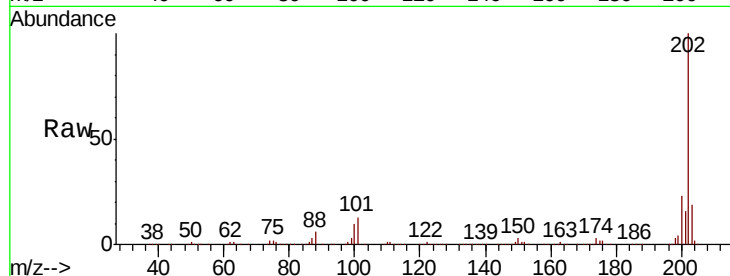
#75
 Fluoranthene
 Concen: 42.529 ng
 RT: 12.32 min Scan# 1766
 Delta R.T. -0.00 min
 Lab File: BF115104.D
 Acq: 22 Jun 2019 3:09

Instrument :
 BNA_F
 ClientSampleId :
 PB120595BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	34.0
203	19.0	0.0	38.8

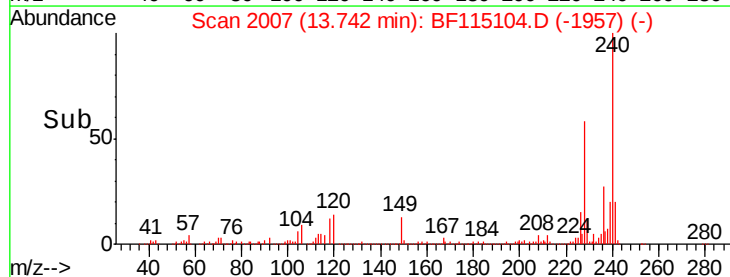
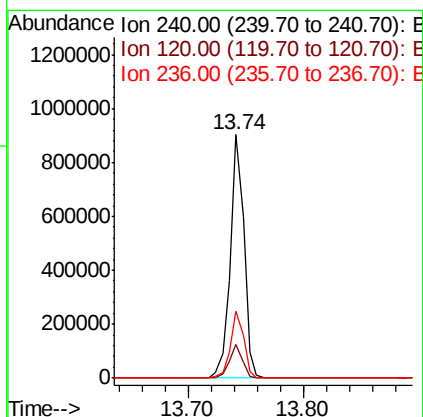
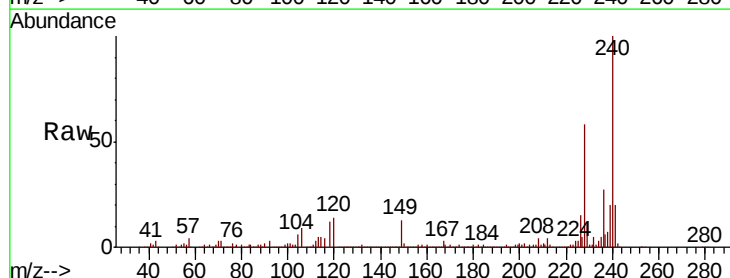
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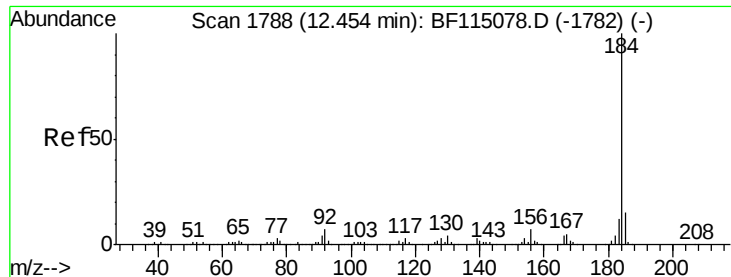
mohammad
 6/25/2019 12:41:38 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.74 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF115104.D
 Acq: 22 Jun 2019 3:09

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.8	9.4	14.2
236	27.3	21.7	32.5





#77

Benzidine

Concen: 26.508 ng

RT: 12.45 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

Instrument :

BNA_F

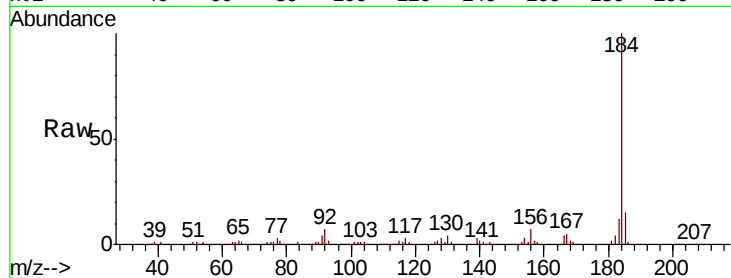
ClientSampleId :

PB120595BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.2	18.2
183	12.0	9.6	14.4

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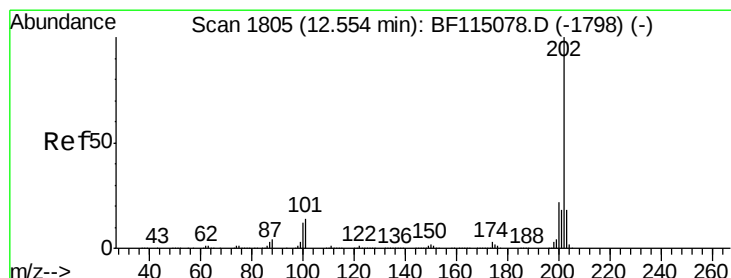
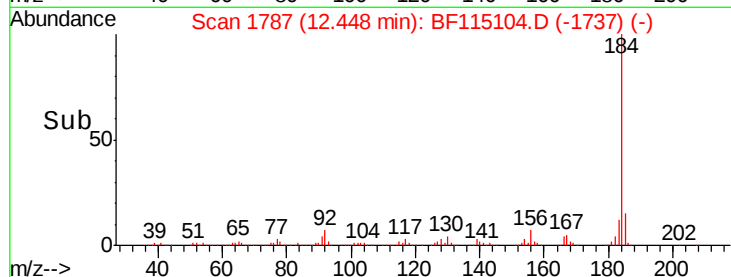
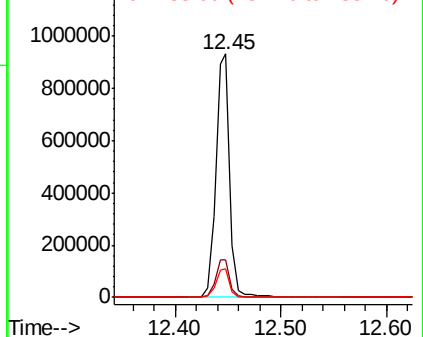


Abundance

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: 43.507 ng

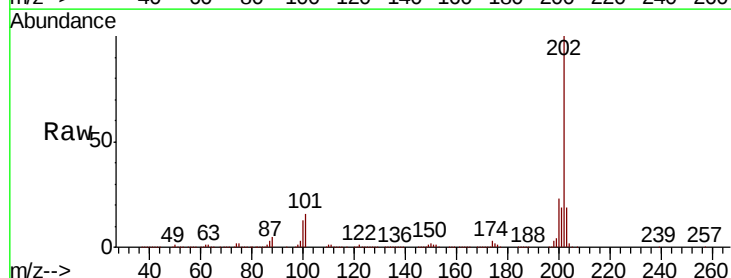
RT: 12.55 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.2	17.9	26.9
203	18.9	14.6	21.8

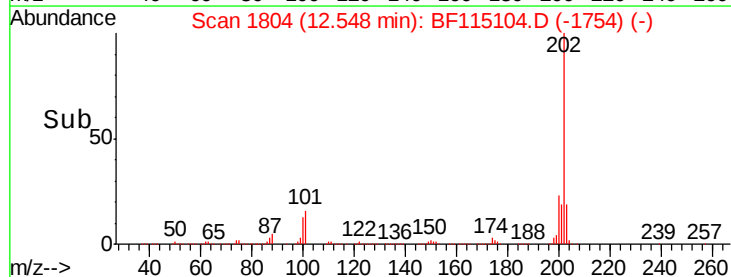
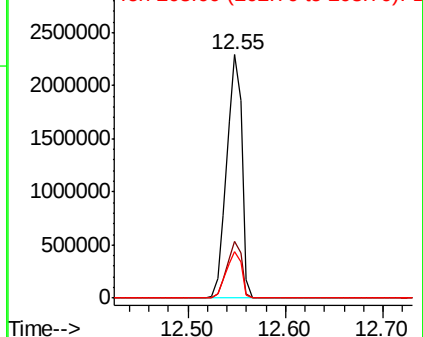


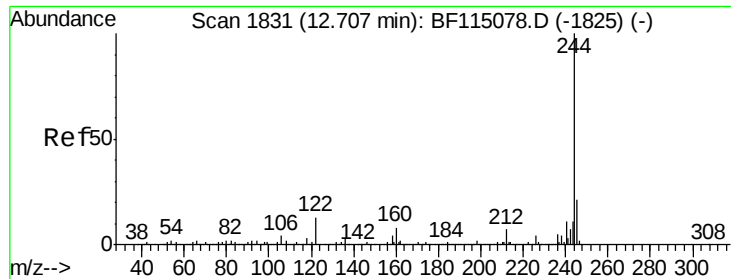
Abundance

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





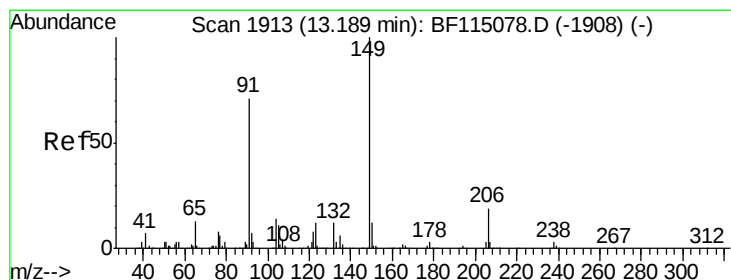
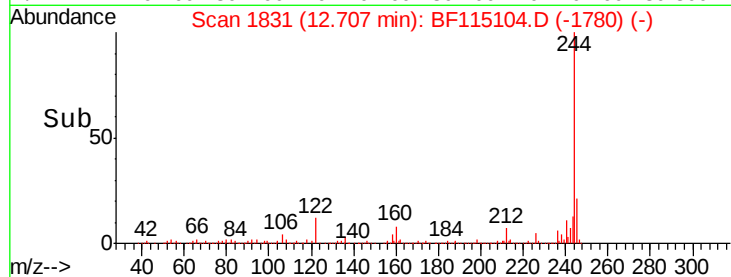
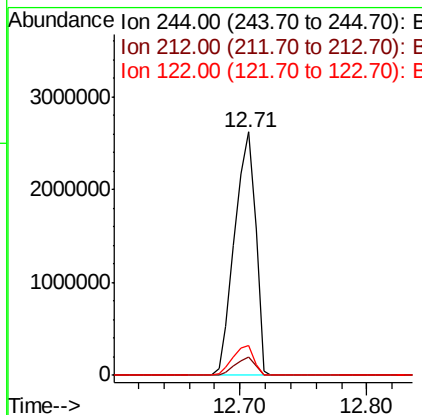
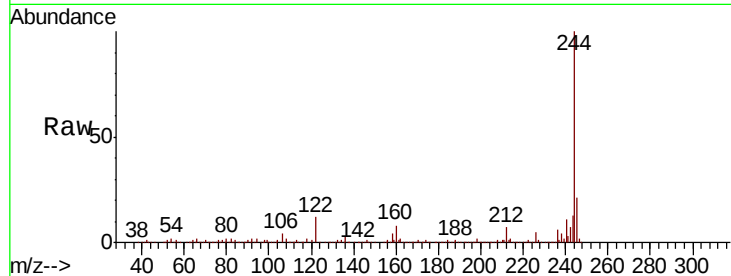
#79
 Terphenyl-d14
 Concen: 85.920 ng
 RT: 12.71 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BF115104.D
 Acq: 22 Jun 2019 3:09

Instrument :
 BNA_F
 ClientSampleId :
 PB120595BS

Tot Ion:244 Resp: 2980697
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.6
 122 12.1 10.4 15.6

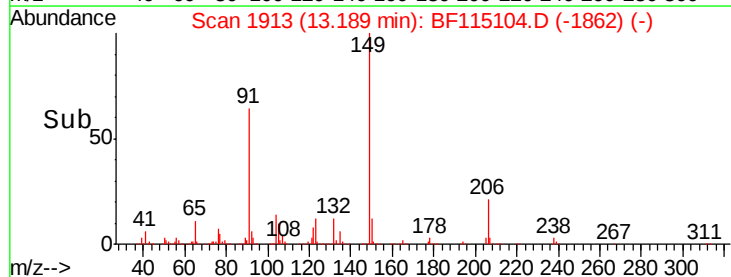
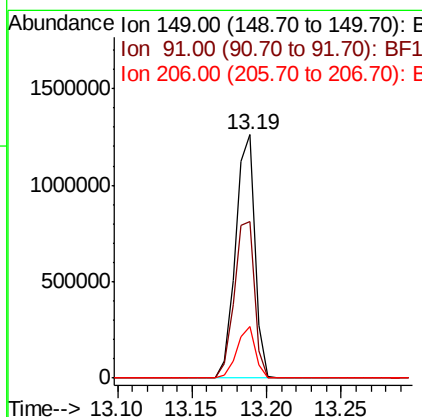
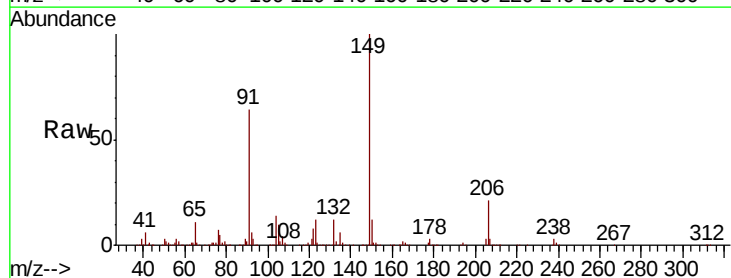
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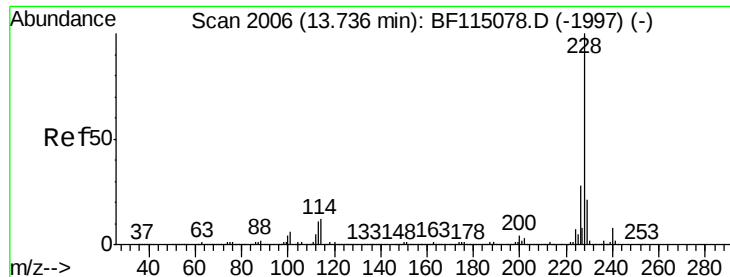
mohammad
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#80
 Butylbenzylphthalate
 Concen: 46.267 ng
 RT: 13.19 min Scan# 1913
 Delta R.T. -0.00 min
 Lab File: BF115104.D
 Acq: 22 Jun 2019 3:09

Tgt Ion:149 Resp: 1157406
 Ion Ratio Lower Upper
 149 100
 91 64.3 56.5 84.7
 206 21.5 15.3 22.9





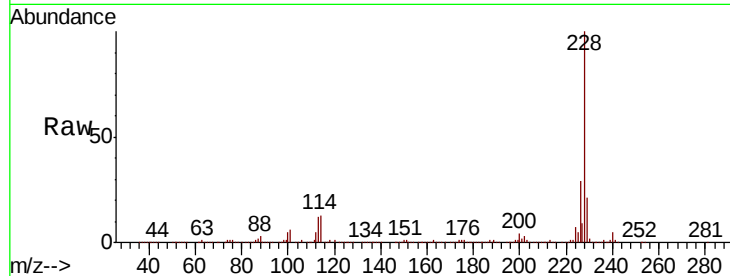
#81
Benzo(a)anthracene
Concen: 42.357 ng
RT: 13.73 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :
PB120595BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.5	33.7
229	21.1	16.6	24.8

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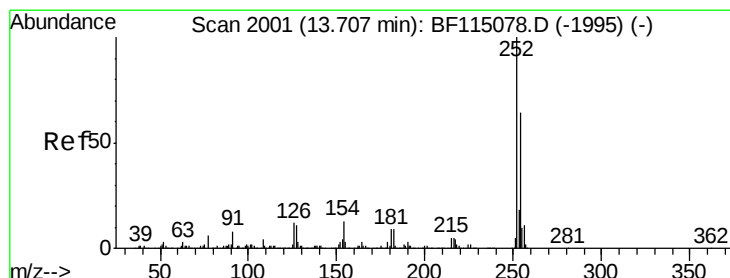
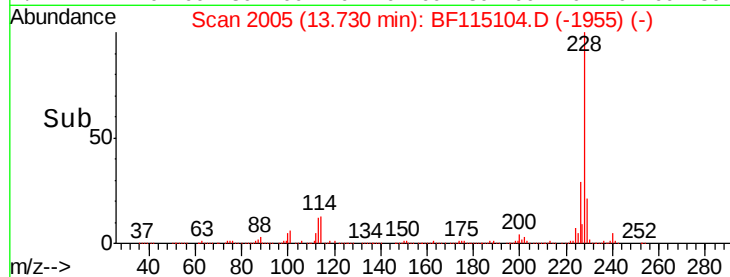
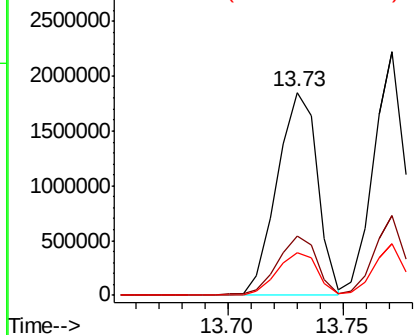


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 32.039 ng
RT: 13.70 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

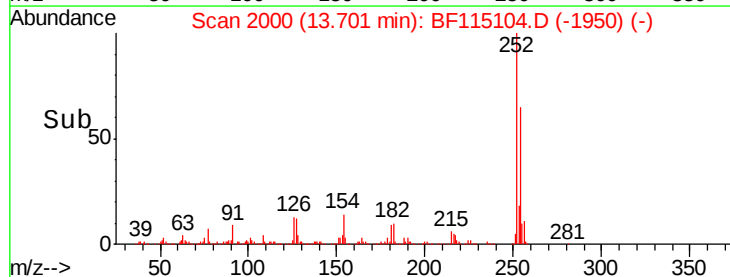
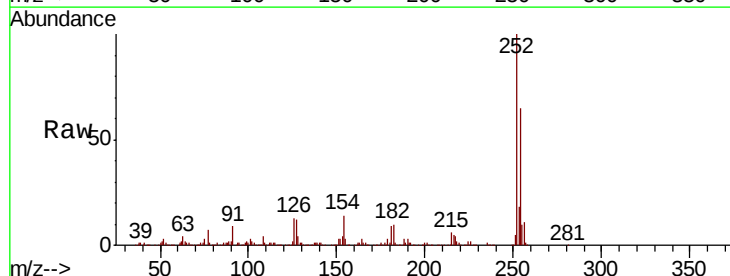
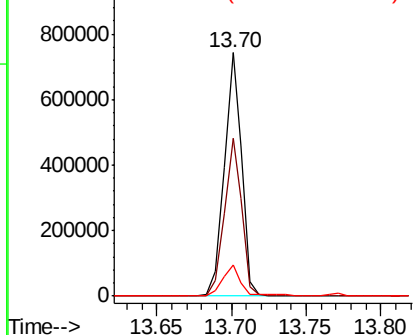
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.1	76.7
126	12.8	9.4	14.0

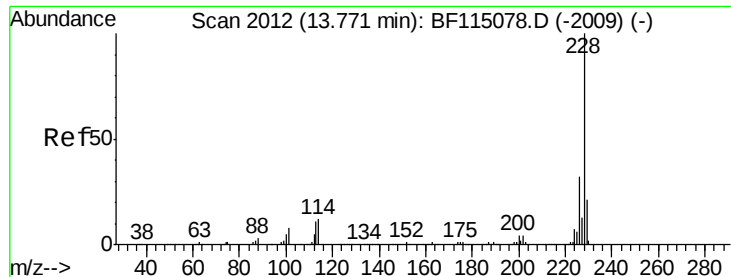
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





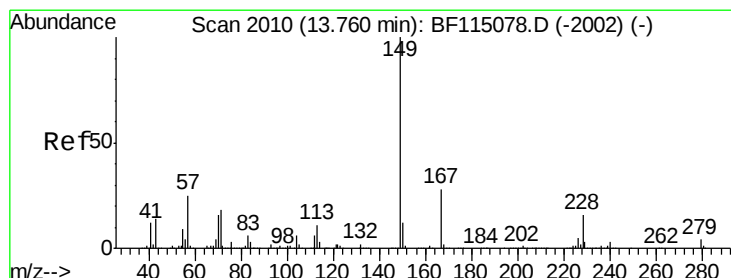
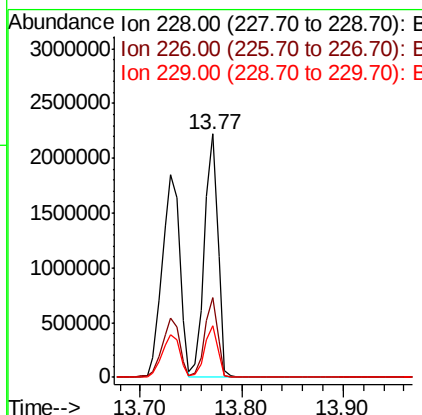
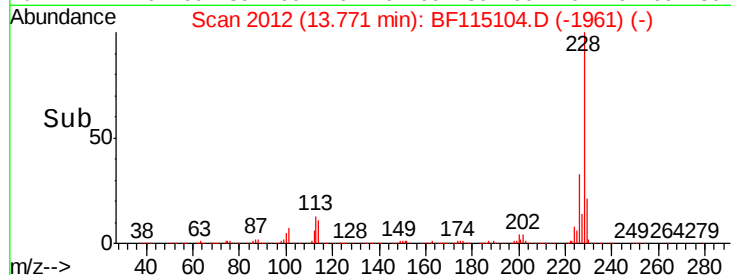
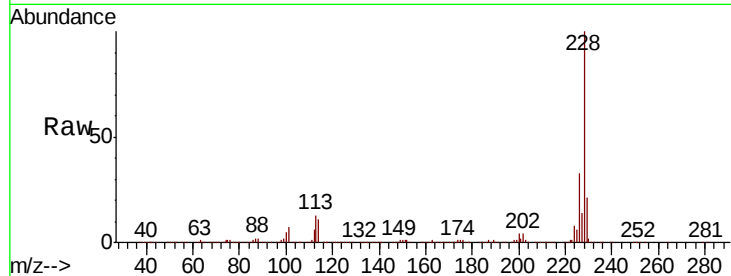
#83
 Chrvsene
 Concen: 42.310 ng
 RT: 13.77 min Scan# 2012
 Delta R.T. -0.00 min
 Lab File: BF115104.D
 Acq: 22 Jun 2019 3:09

Instrument :
 BNA_F
 ClientSampleId :
 PB120595BS

Tot Ion:228 Resp: 2051236
 Ion Ratio Lower Upper
 228 100
 226 32.9 25.4 38.0
 229 21.2 16.5 24.7

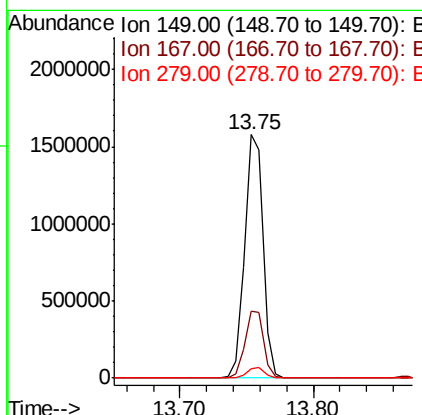
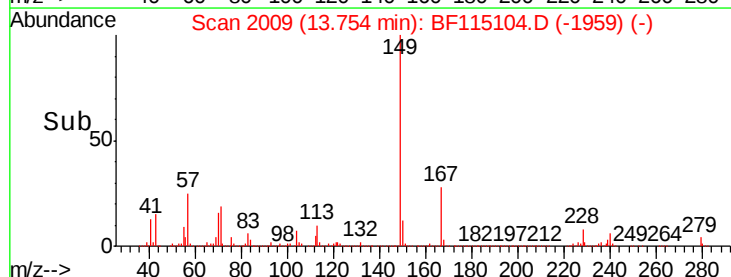
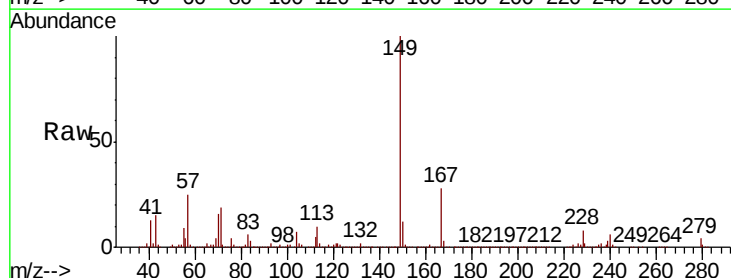
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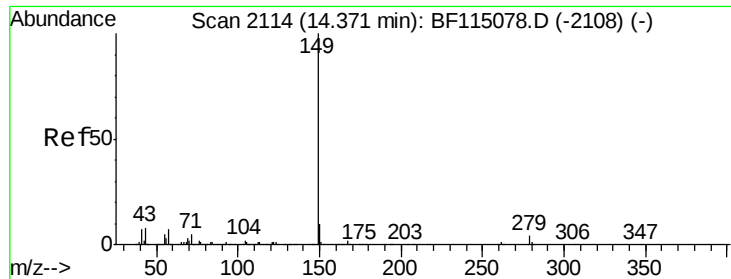
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.722 ng
 RT: 13.75 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF115104.D
 Acq: 22 Jun 2019 3:09

Tgt Ion:149 Resp: 1498697
 Ion Ratio Lower Upper
 149 100
 167 27.7 22.2 33.4
 279 3.7 2.9 4.3





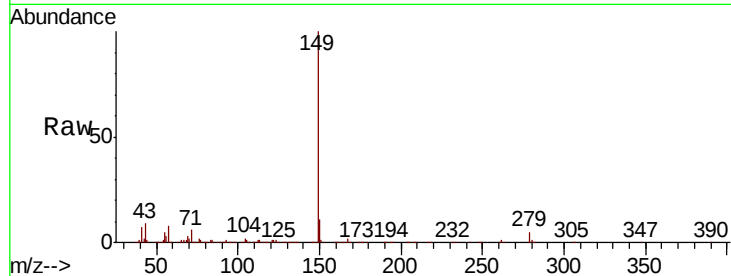
#85
Di-n-octyl phthalate
Concen: 46.863 ng
RT: 14.37 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :
PB120595BS

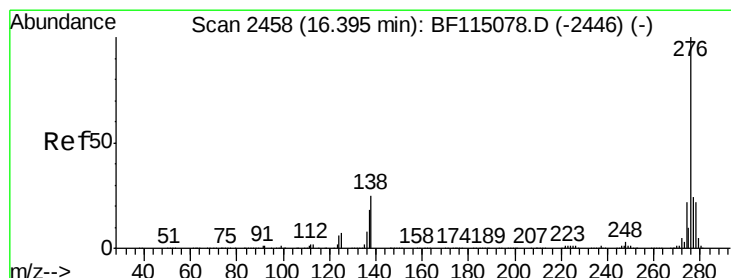
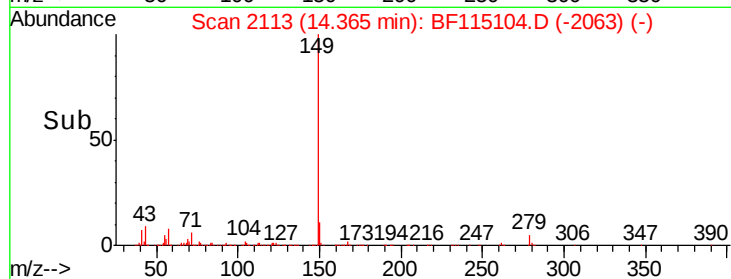
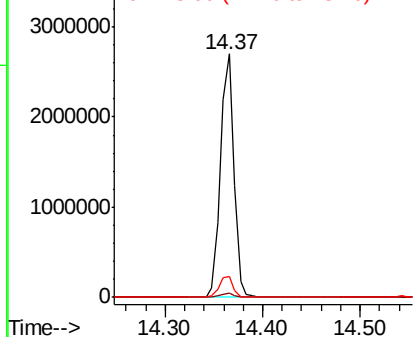
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.8	7.0	10.6

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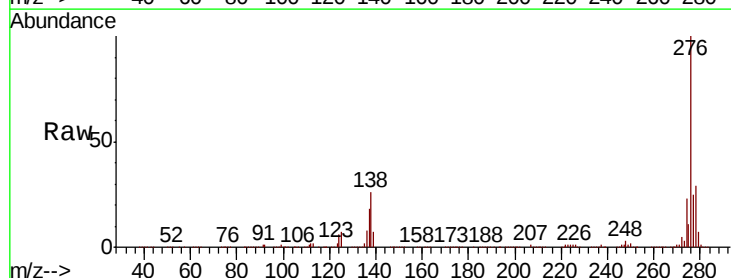


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

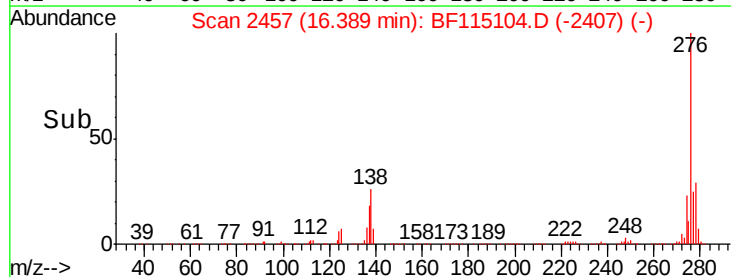
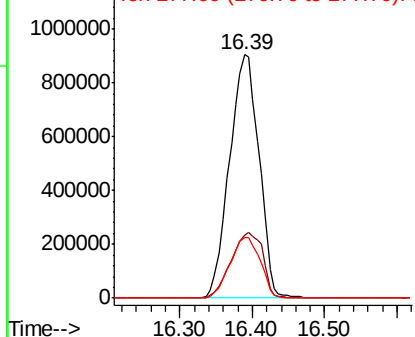


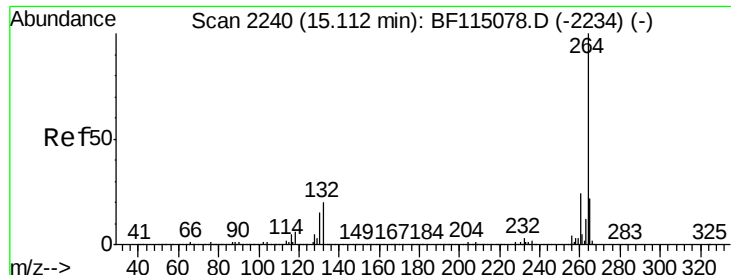
#86
Indeno(1,2,3-cd)pyrene
Concen: 44.668 ng
RT: 16.39 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.1	23.2	34.8
277	25.7	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





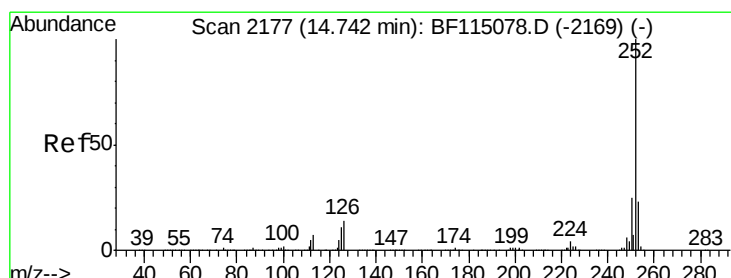
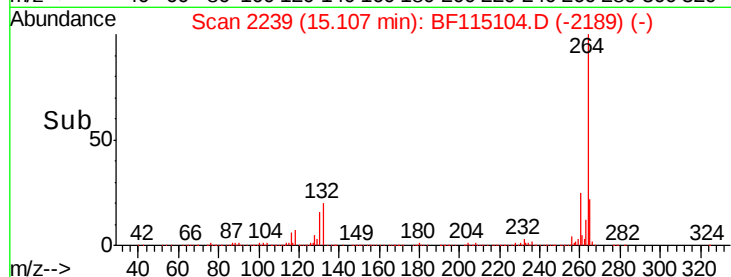
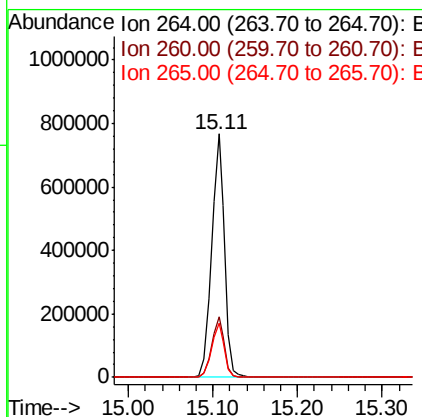
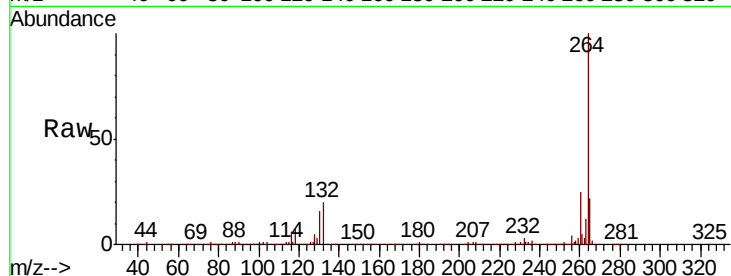
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.11 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :
PB120595BS

Tot Ion	Ion	Ratio	Lower	Upper
831742	264	100		
	260	24.8	19.6	29.4
	265	22.0	17.3	25.9

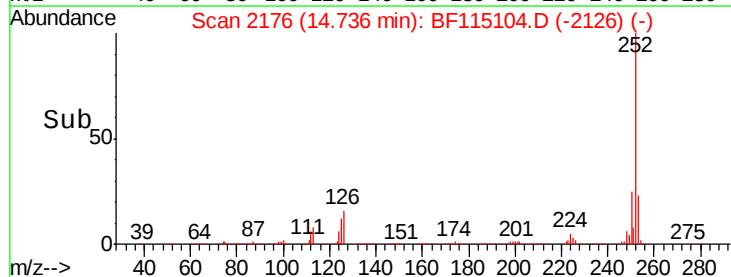
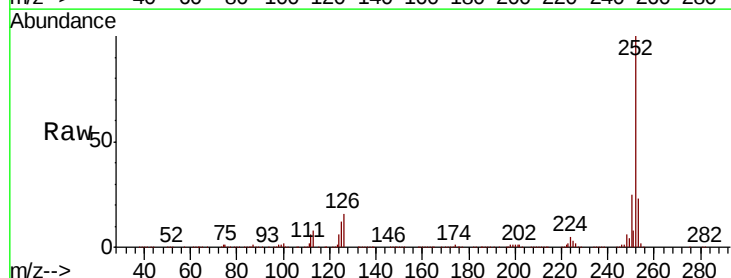
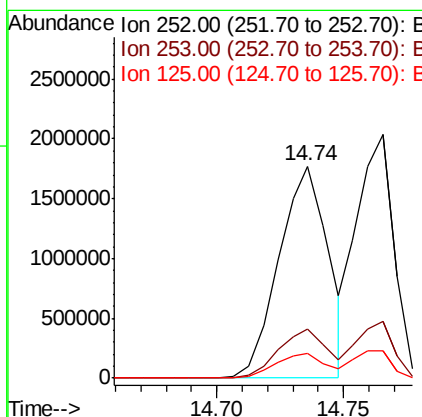
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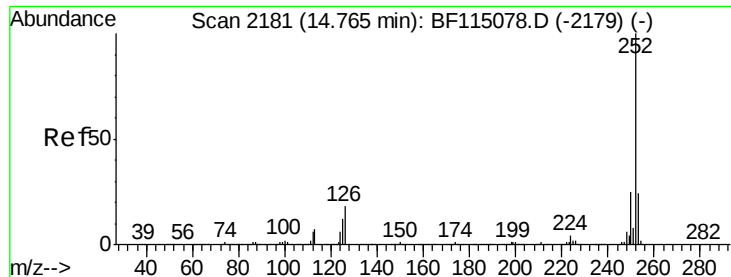
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#88
Benzo(b)fluoranthene
Concen: 46.126 ng
RT: 14.74 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion	Ion	Ratio	Lower	Upper
2393883	252	100		
	253	23.0	18.1	27.1
	125	11.9	8.7	13.1





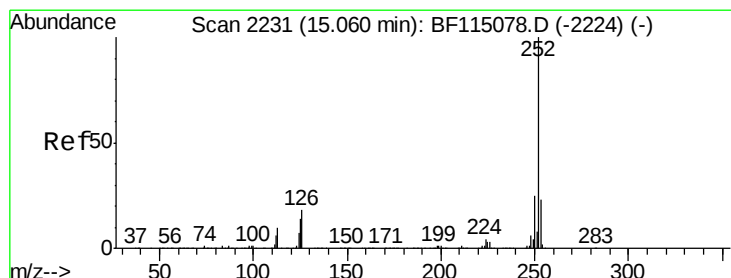
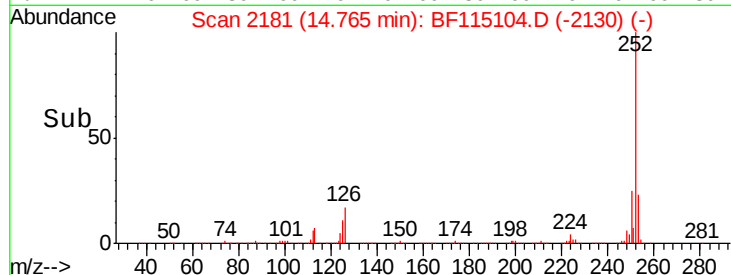
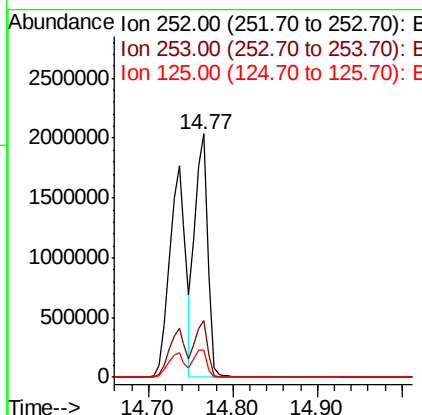
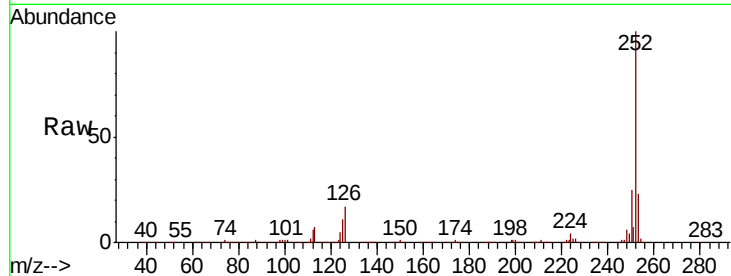
#89
Benzo(k)fluoranthene
Concen: 45.307 ng
RT: 14.77 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleID :
PB120595BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.9	28.3
125	11.5	10.2	15.2

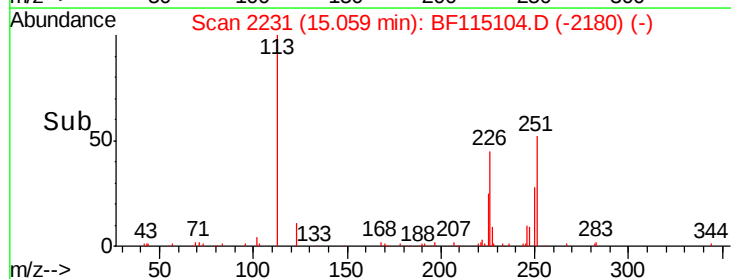
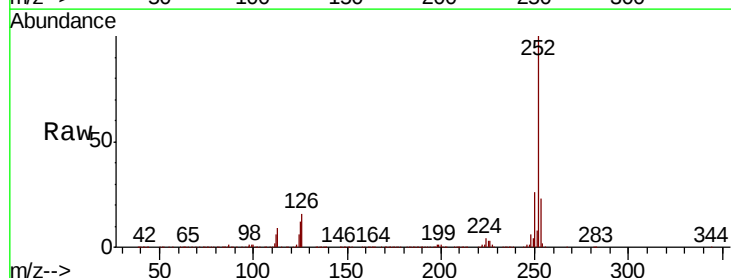
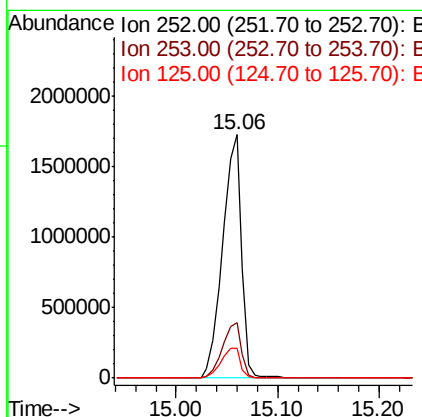
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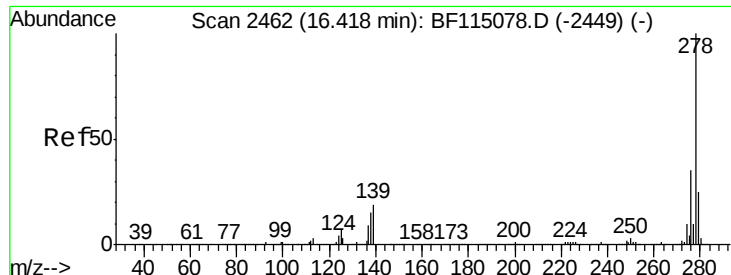
mohammad
6/25/2019 12:41:38 PM



#90
Benzo(a)pyrene
Concen: 47.870 ng
RT: 15.06 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.3	27.5
125	12.1	10.9	16.3





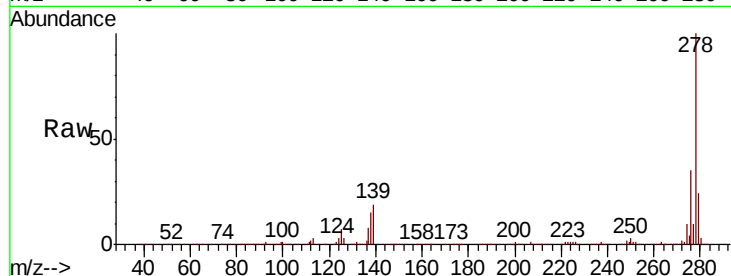
#91
Dibenzo(a,h)anthracene
Concen: 48.510 ng
RT: 16.41 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :
PB120595BS

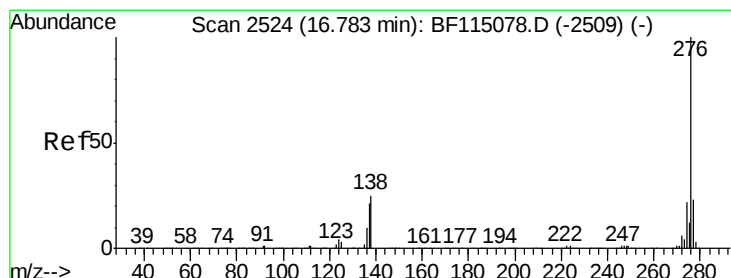
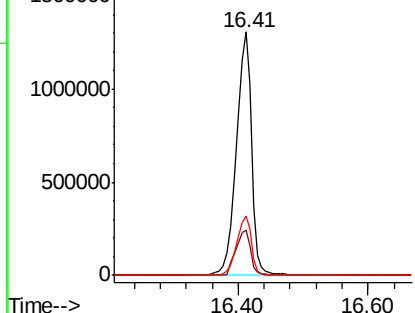
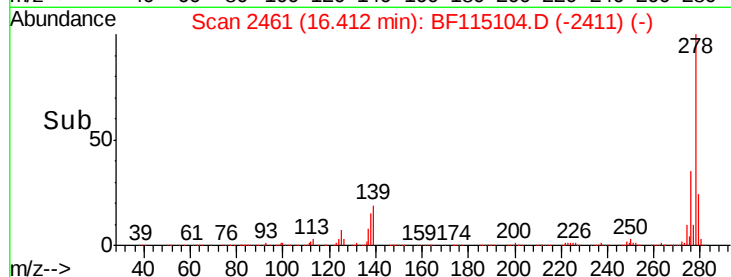
Tot Ion	Ratio	Lower	Upper
278	100		
139	18.6	15.4	23.2
279	24.4	19.9	29.9

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:38 PM

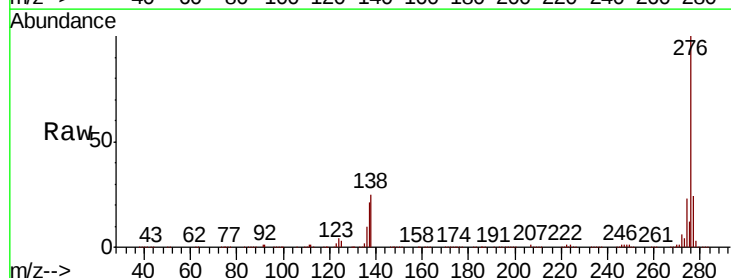


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 48.791 ng
RT: 16.78 min Scan# 2523
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	28.0
138	25.4	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

