

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081418\
 Data File : BF108136.D
 Acq On : 14 Aug 2018 11:22
 Operator : JU/SJ
 Sample : PB111971BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111926BS

Quant Time: Aug 14 12:59:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	202080	20.00	ng	0.00
21) Naphthalene-d8	8.31	136	724236	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	360392	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	705641	20.00	ng	0.00
75) Chrysene-d12	14.22	240	505658	20.00	ng	0.00
86) Perylene-d12	15.78	264	361227	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	1318501	118.13	ng	0.03
7) Phenol-d6	6.64	99	1748382	117.87	ng	0.01
23) Nitrobenzene-d5	7.58	82	1181268	91.02	ng	0.00
41) 2,4,6-Tribromophenol	10.87	330	511288	142.23	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2141368	95.39	ng	0.00
78) Terphenyl-d14	13.15	244	2277694	114.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.07	88	256615	44.743	ng	90
3) Pyridine	3.80	79	688345	46.591	ng	# 85
4) n-Nitrosodimethylamine	3.77	42	375556	45.175	ng	81
6) Aniline	6.68	93	660155	32.721	ng	97
8) 2-Chlorophenol	6.81	128	546201	43.448	ng	95
9) Benzaldehyde	6.57	77	283147	24.622	ng	94
10) Phenol	6.65	94	653479	42.592	ng	91
11) bis(2-Chloroethyl)ether	6.75	93	550862	44.411	ng	96
12) 1,3-Dichlorobenzene	6.96	146	696089	47.888	ng	98
13) 1,4-Dichlorobenzene	7.04	146	693877	47.512	ng	99
14) 1,2-Dichlorobenzene	7.19	146	637806	46.951	ng	99
15) Benzyl Alcohol	7.15	79	528574	42.331	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.28	45	1065103	41.682	ng	97
17) 2-Methylphenol	7.26	107	459661	42.638	ng	96
18) Hexachloroethane	7.53	117	253452	48.747	ng	96
19) n-Nitroso-di-n-propylamine	7.42	70	420667	41.940	ng	90
20) 3+4-Methylphenols	7.41	107	585945	42.414	ng	# 86
22) Acetophenone	7.42	105	785573	46.389	ng	# 91
24) Nitrobenzene	7.60	77	621036	47.319	ng	95
25) Isophorone	7.84	82	1137801	45.994	ng	96
26) 2-Nitrophenol	7.92	139	270358	54.548	ng	94
27) 2,4-Dimethylphenol	7.94	122	518587	47.232	ng	97
28) bis(2-Chloroethoxy)methane	8.04	93	683205	47.308	ng	99
29) 2,4-Dichlorophenol	8.15	162	490882	48.583	ng	99
30) 1,2,4-Trichlorobenzene	8.24	180	544437	48.872	ng	98
31) Naphthalene	8.33	128	1607236	48.798	ng	99
32) Benzoic acid	8.06	122	276944	44.031	ng	93
33) 4-Chloroaniline	8.37	127	465576	32.436	ng	99
34) Hexachlorobutadiene	8.44	225	345373	48.973	ng	100
35) Caprolactam	8.74	113	78183	24.692	ng	# 75
36) 4-Chloro-3-methylphenol	8.84	107	507028	46.516	ng	97
37) 2-Methylnaphthalene	9.02	142	1099803	47.196	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	546110	49.345	ng	98
40) Hexachlorocyclopentadiene	9.17	237	666558	93.245	ng	98

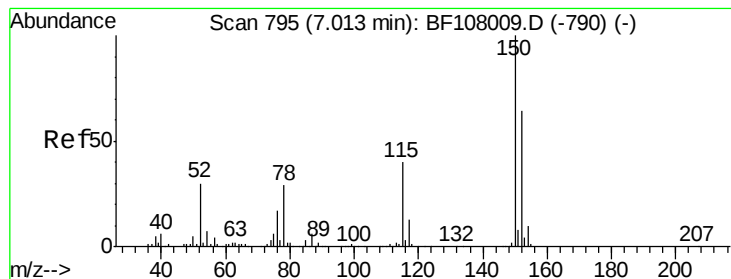
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081418\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.30	196	365832	53.268	ng	99
43) 2,4,5-Trichlorophenol	9.34	196	377362	49.914	ng	# 92
45) 1,1'-Biphenyl	9.48	154	1304549	49.095	ng	99
46) 2-Chloronaphthalene	9.51	162	1038171	49.434	ng	98
47) 2-Nitroaniline	9.61	65	339820	50.009	ng	92
48) Acenaphthylene	9.93	152	1613922	48.610	ng	97
49) Dimethylphthalate	9.78	163	1185769	47.234	ng	# 98
50) 2,6-Dinitrotoluene	9.85	165	266010	50.646	ng	97
51) Acenaphthene	10.11	154	1051292	51.697	ng	99
52) 3-Nitroaniline	10.02	138	214537	37.332	ng	99
53) 2,4-Dinitrophenol	10.13	184	199749	99.723	ng	# 19
54) Dibenzofuran	10.28	168	1402439	47.602	ng	96
55) 4-Nitrophenol	10.17	139	408147	93.791	ng	# 82
56) 2,4-Dinitrotoluene	10.25	165	351784	52.033	ng	# 98
57) Fluorene	10.62	166	1117682	47.923	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.39	232	319004	50.483	ng	# 87
59) Diethylphthalate	10.48	149	1135562	46.713	ng	96
60) 4-Chlorophenyl-phenylether	10.61	204	578319	47.587	ng	92
61) 4-Nitroaniline	10.64	138	272865	48.026	ng	93
62) Azobenzene	10.77	77	1161525	46.267	ng	92
64) 4,6-Dinitro-2-methylphenol	10.67	198	136470	51.121	ng	88
65) n-Nitrosodiphenylamine	10.72	169	1002844	48.093	ng	97
66) 4-Bromophenyl-phenylether	11.10	248	374373	48.820	ng	# 85
67) Hexachlorobenzene	11.17	284	385467	47.775	ng	# 88
68) Atrazine	11.25	200	323620	46.271	ng	97
69) Pentachlorophenol	11.37	266	378531	98.017	ng	99
70) Phenanthrene	11.59	178	1578056	47.414	ng	98
71) Anthracene	11.64	178	1618336	47.441	ng	98
72) Carbazole	11.79	167	1427448	47.098	ng	99
73) Di-n-butylphthalate	12.11	149	1677807	48.874	ng	98
74) Fluoranthene	12.79	202	1692084	46.583	ng	95
76) Benzidine	12.90	184	748177	39.602	ng	98
77) Pyrene	13.02	202	1665397	52.022	ng	98
79) Butylbenzylphthalate	13.62	149	692410	54.469	ng	96
80) Benzo(a)anthracene	14.21	228	1400534	48.262	ng	98
81) 3,3'-Dichlorobenzidine	14.17	252	350964	33.747	ng	# 97
82) Chrysene	14.25	228	1272794	47.840	ng	99
83) Bis(2-ethylhexyl)phthalate	14.17	149	874743	50.815	ng	99
84) Di-n-octyl phthalate	14.80	149	1286992	49.022	ng	96
85) Indeno(1,2,3-cd)pyrene	17.42	276	1041988	45.201	ng	# 91
87) Benzo(b)fluoranthene	15.31	252	1134043	52.539	ng	96
88) Benzo(k)fluoranthene	15.35	252	1010274	50.917	ng	# 96
89) Benzo(a)pyrene	15.72	252	999440	51.708	ng	97
90) Dibenzo(a,h)anthracene	17.43	278	871107	54.470	ng	# 93
91) Benzo(g,h,i)perylene	17.91	276	877109	55.698	ng	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.02 min Scan# 796

Delta R.T. 0.01 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

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BNA_F

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PB111926BS

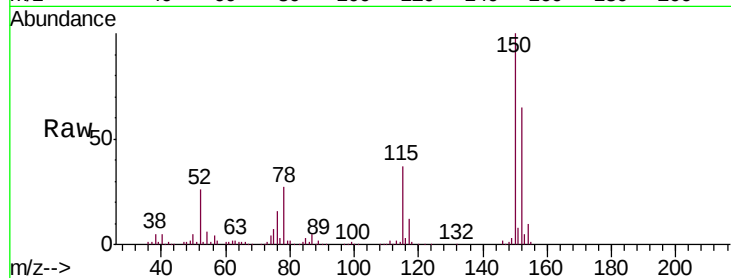
Tgt Ion:152 Resp: 202080

Ion Ratio Lower Upper

152 100

150 154.2 124.6 186.8

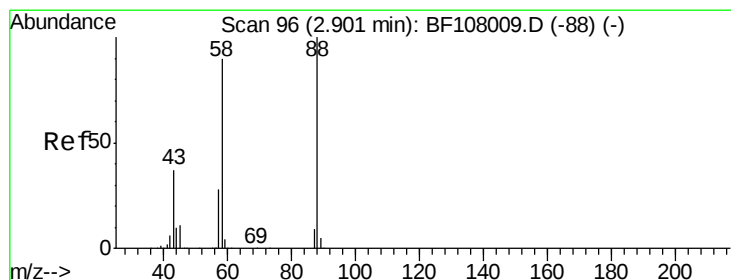
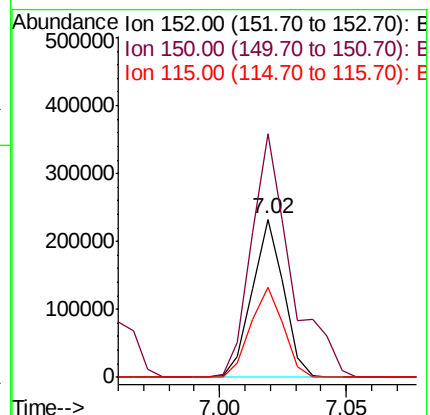
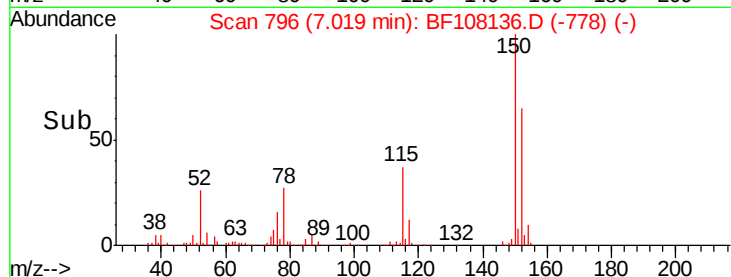
115 57.0 50.1 75.1



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: 44.743 ng

RT: 3.07 min Scan# 125

Delta R.T. 0.17 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

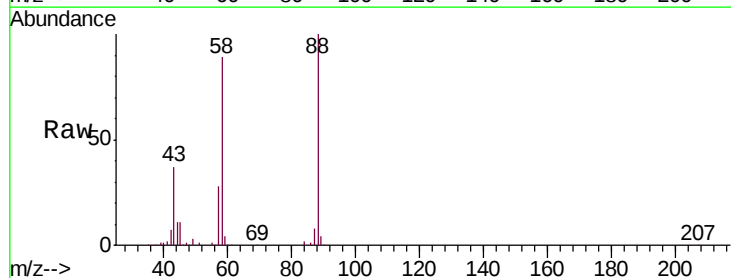
Tgt Ion: 88 Resp: 256615

Ion Ratio Lower Upper

88 100

58 87.1 62.6 93.8

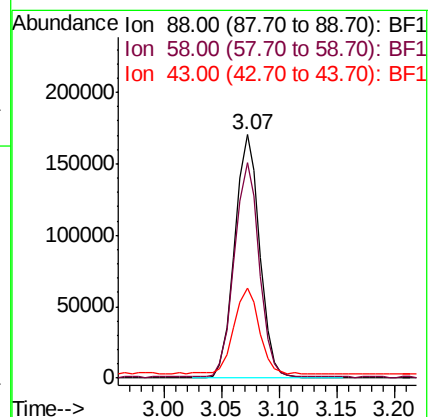
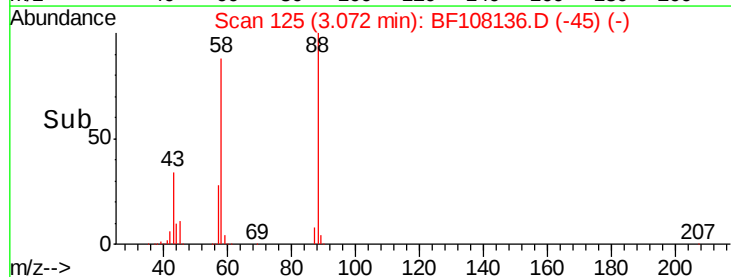
43 35.8 24.6 37.0

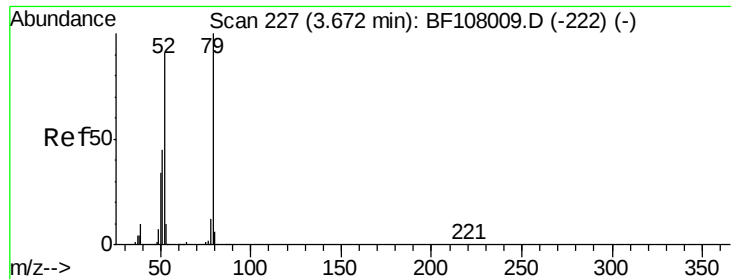


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

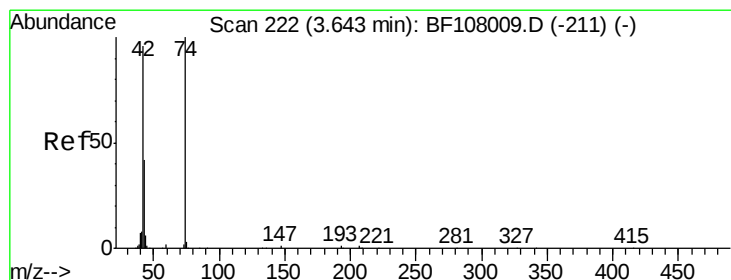
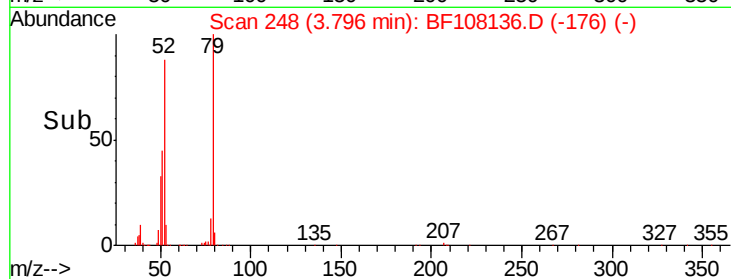
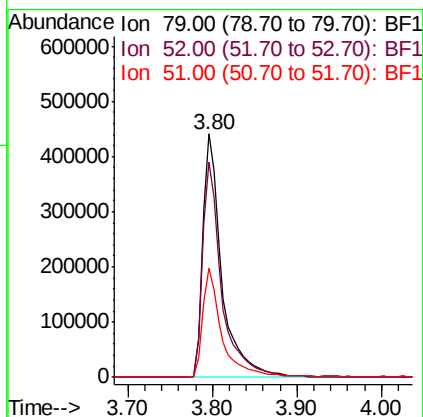
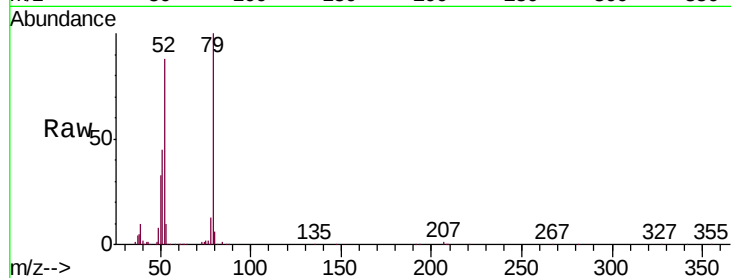




#3
 Pyridine
 Concen: 46.591 ng
 RT: 3.80 min Scan# 248
 Delta R.T. 0.12 min
 Lab File: BF108136.D
 Acq: 14 Aug 2018 11:22

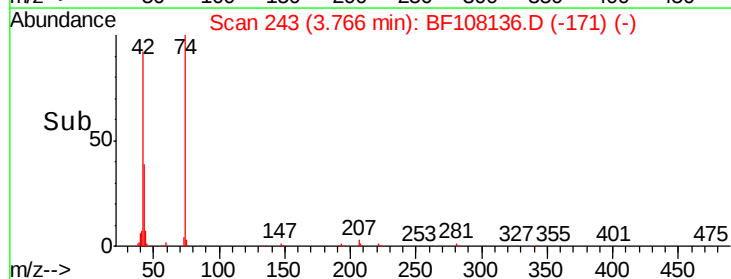
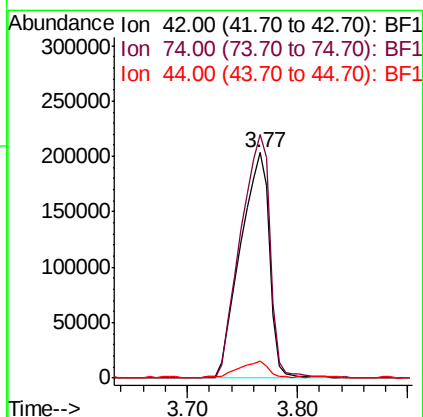
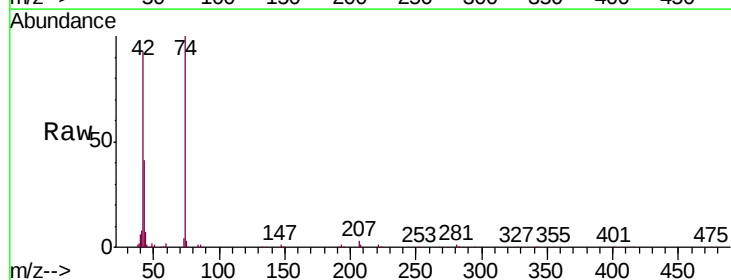
Instrument :
 BNA_F
 ClientSampleId :
 PB111926BS

Tgt Ion: 79 Resp: 688345
 Ion Ratio Lower Upper
 79 100
 52 88.5 59.8 89.6
 51 44.9 29.8 44.8#



#4
 n-Nitrosodimethylamine
 Concen: 45.175 ng
 RT: 3.77 min Scan# 243
 Delta R.T. 0.12 min
 Lab File: BF108136.D
 Acq: 14 Aug 2018 11:22

Tgt Ion: 42 Resp: 375556
 Ion Ratio Lower Upper
 42 100
 74 108.1 104.9 157.3
 44 7.5 6.9 10.3





#5

2-Fluorophenol

Concen: 118.126 ng

RT: 5.66 min Scan# 565

Delta R.T. 0.03 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

Instrument :

BNA_F

ClientSampleId :

PB111926BS

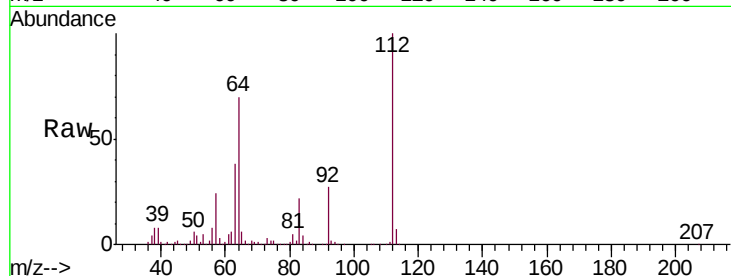
Tgt Ion:112 Resp: 1318501

Ion Ratio Lower Upper

112 100

64 70.2 47.9 71.9

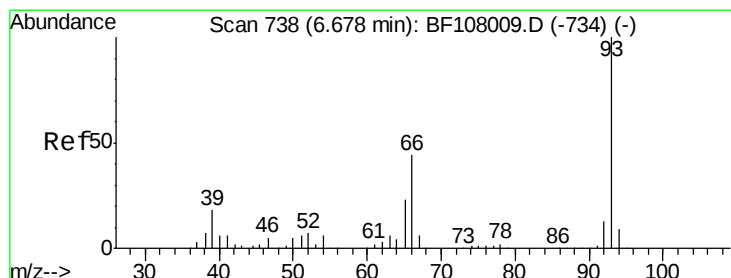
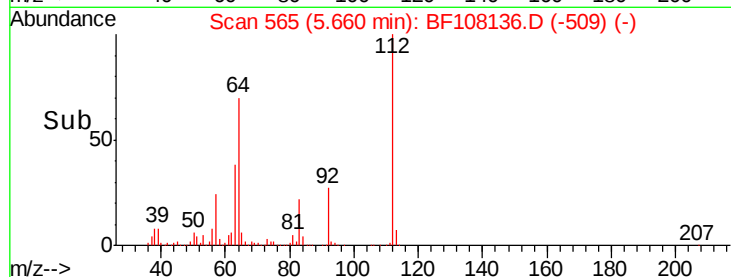
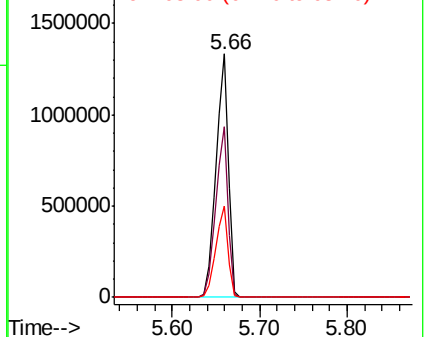
63 37.7 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 32.721 ng

RT: 6.68 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

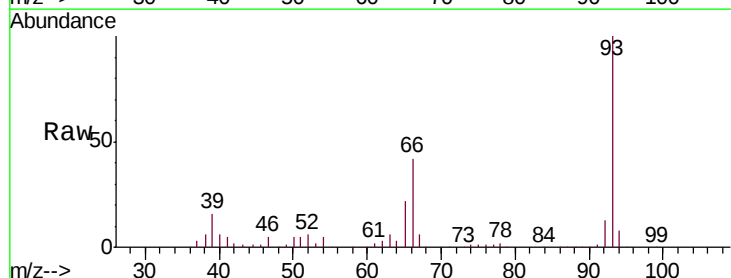
Tgt Ion: 93 Resp: 660155

Ion Ratio Lower Upper

93 100

66 42.2 32.2 48.2

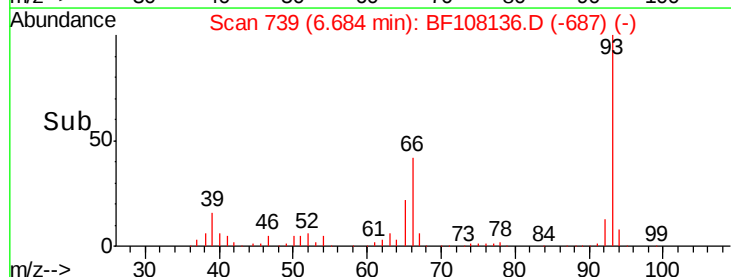
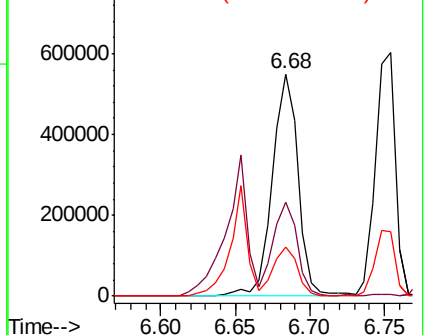
65 22.0 16.4 24.6

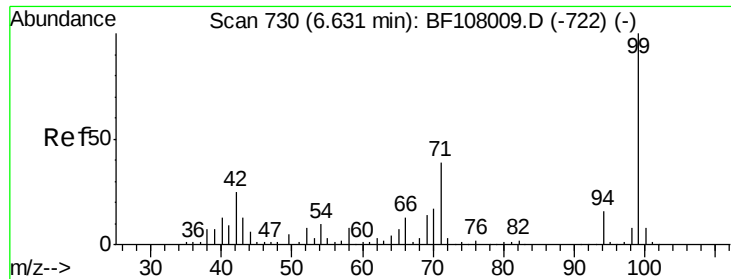


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 117.874 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

Instrument :

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ClientSampleId :

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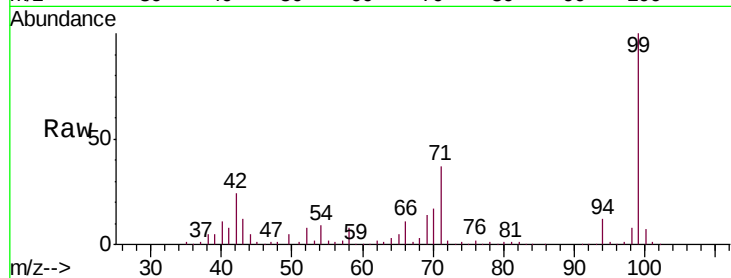
Tgt Ion: 99 Resp: 1748382

Ion Ratio Lower Upper

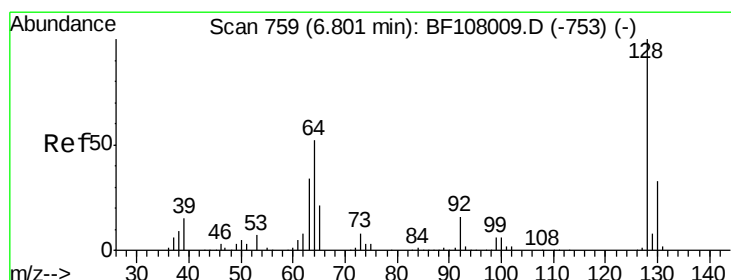
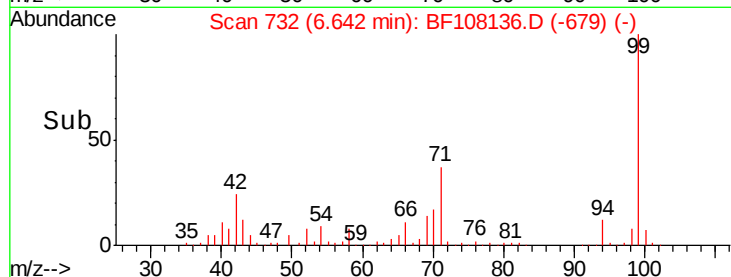
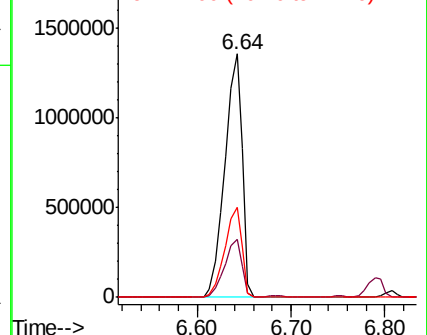
99 100

42 23.7 14.5 21.7#

71 37.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.448 ng

RT: 6.81 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

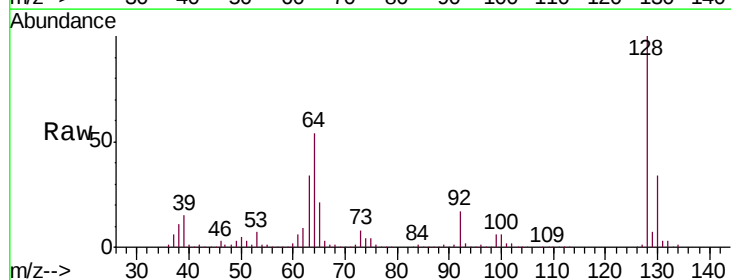
Tgt Ion: 128 Resp: 546201

Ion Ratio Lower Upper

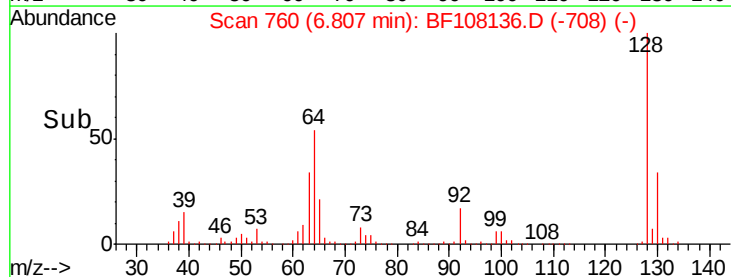
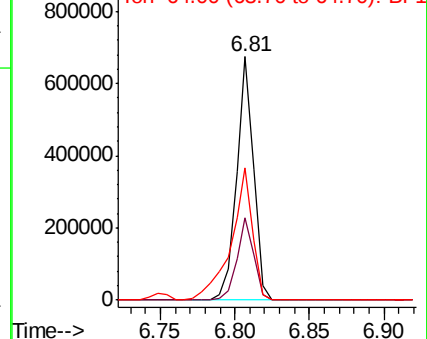
128 100

130 33.6 13.0 53.0

64 54.1 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 24.622 ng

RT: 6.57 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

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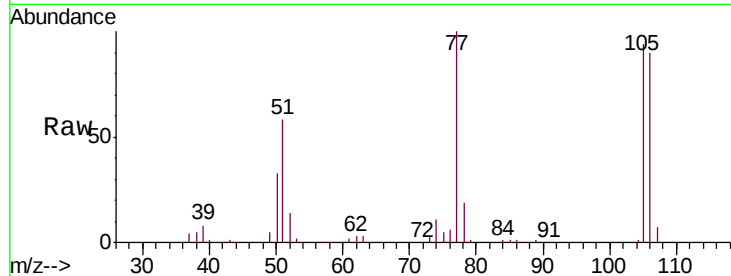
Tgt Ion: 77 Resp: 283147

Ion Ratio Lower Upper

77 100

105 93.7 81.1 121.1

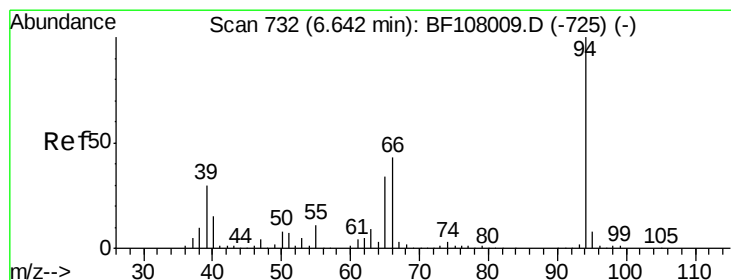
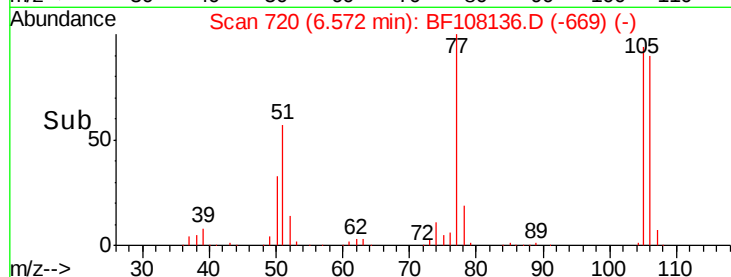
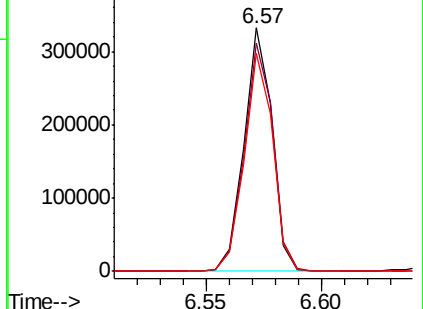
106 89.5 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.592 ng

RT: 6.65 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

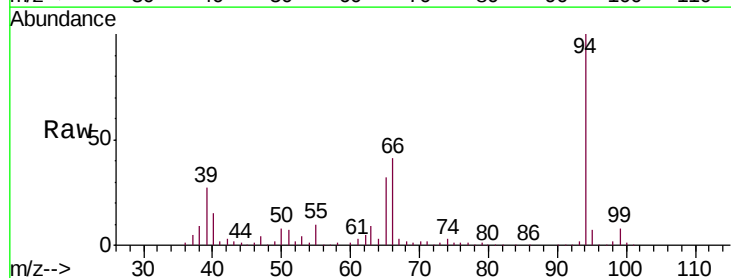
Tgt Ion: 94 Resp: 653479

Ion Ratio Lower Upper

94 100

65 32.1 7.9 47.9

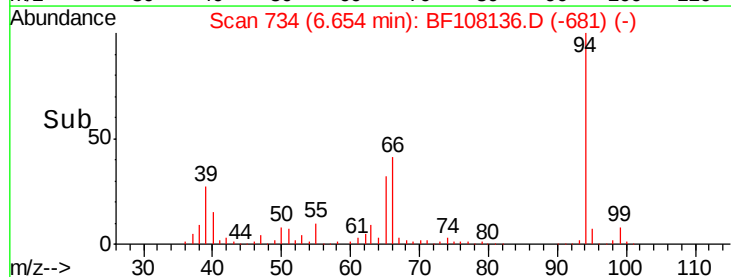
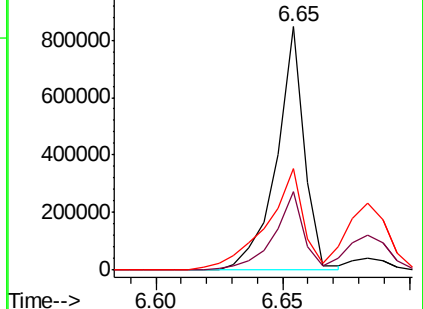
66 41.4 16.2 56.2

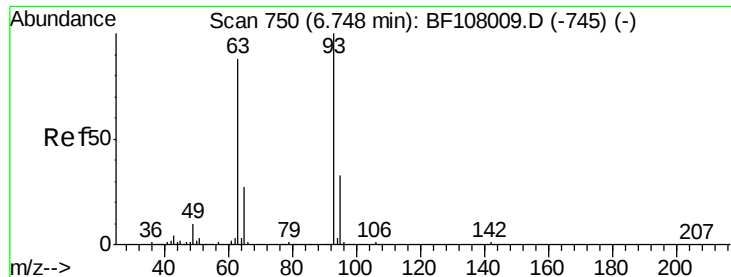


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

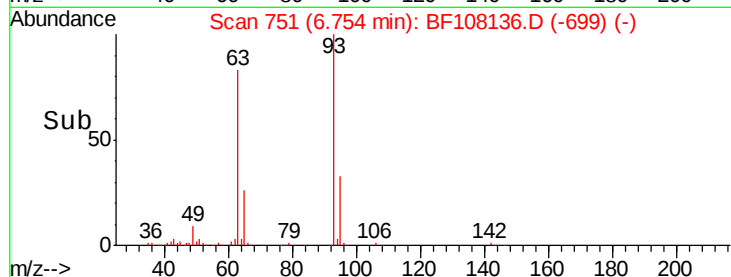
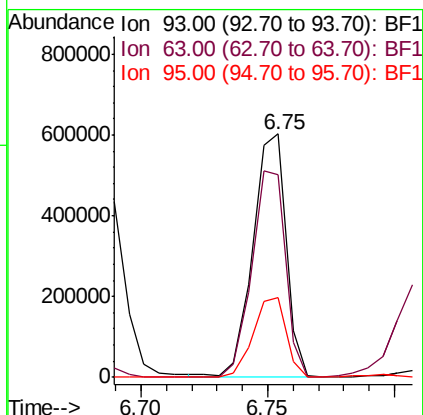
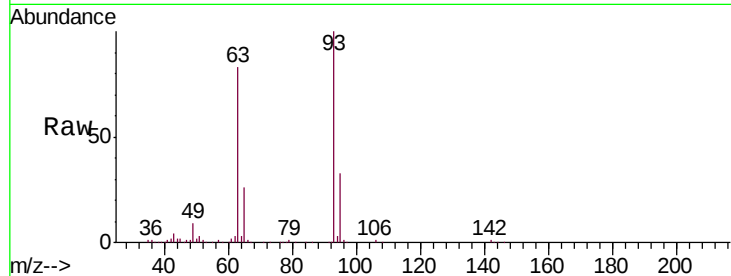




#11
 bis(2-Chloroethyl)ether
 Concen: 44.411 ng
 RT: 6.75 min Scan# 751
 Delta R.T. 0.01 min
 Lab File: BF108136.D
 Acq: 14 Aug 2018 11:22

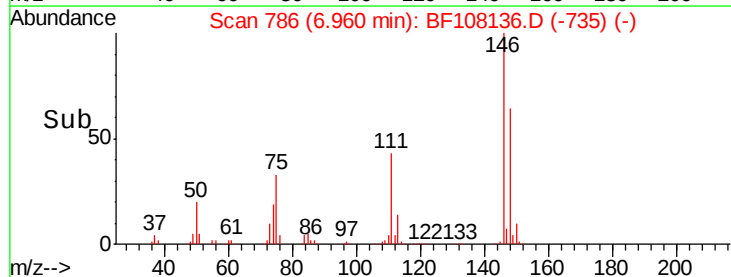
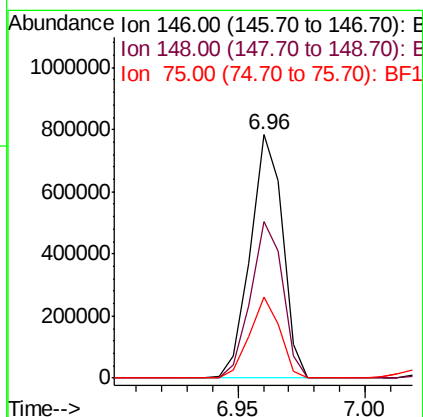
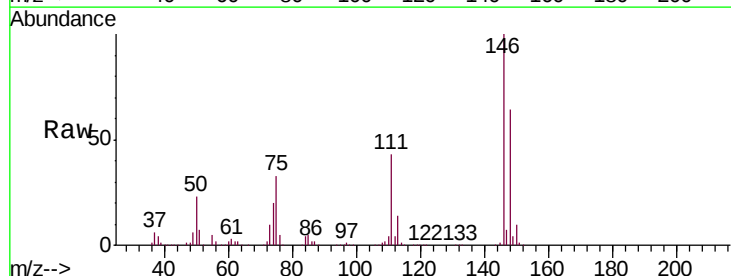
Instrument :
 BNA_F
 ClientSampleId :
 PB111926BS

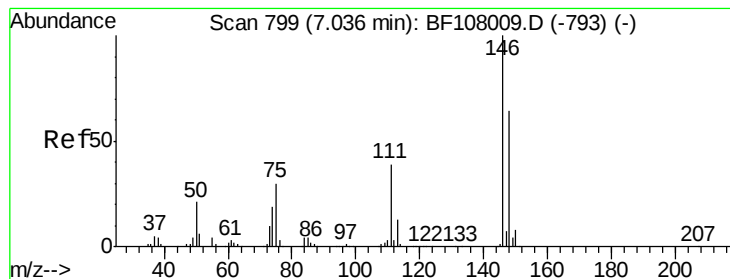
Tgt Ion: 93 Resp: 550862
 Ion Ratio Lower Upper
 93 100
 63 83.1 58.6 98.6
 95 32.7 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 47.888 ng
 RT: 6.96 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF108136.D
 Acq: 14 Aug 2018 11:22

Tgt Ion: 146 Resp: 696089
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.8 77.8
 75 33.4 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 47.512 ng

RT: 7.04 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

Instrument :

BNA_F

ClientSampleId :

PB111926BS

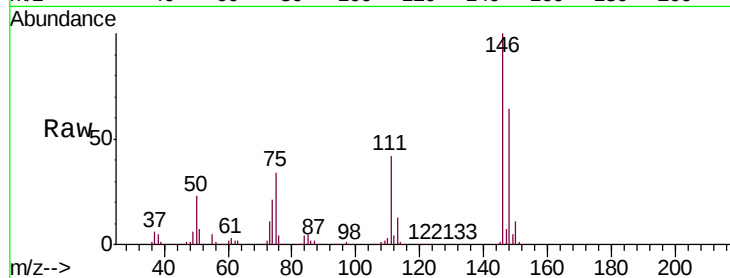
Tgt Ion:146 Resp: 693877

Ion Ratio Lower Upper

146 100

148 63.7 50.8 76.2

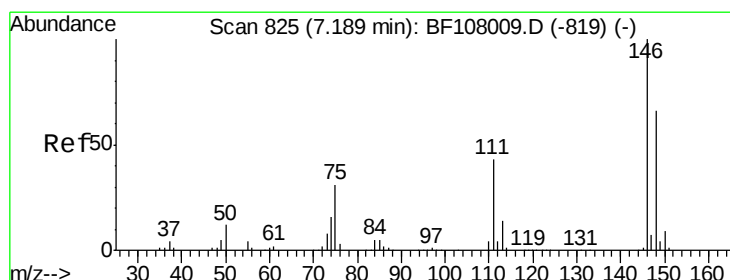
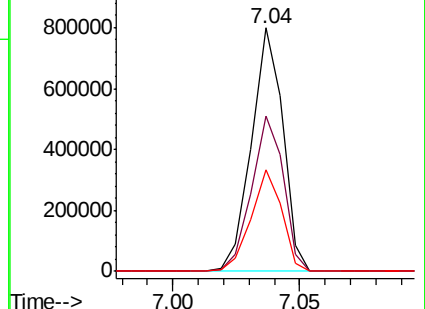
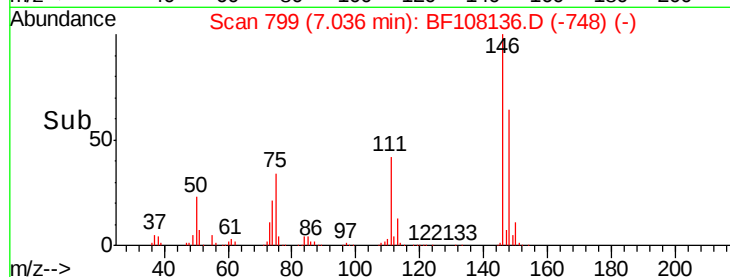
111 41.8 34.2 51.2



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: 46.951 ng

RT: 7.19 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

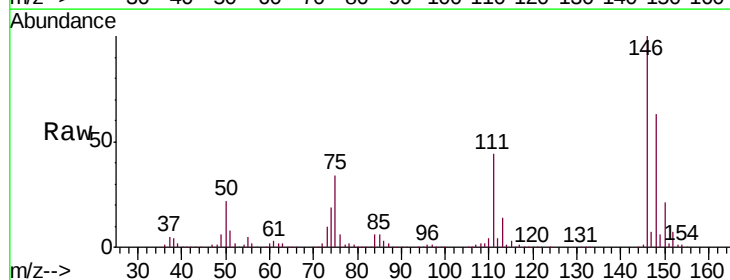
Tgt Ion:146 Resp: 637806

Ion Ratio Lower Upper

146 100

148 62.9 50.6 75.8

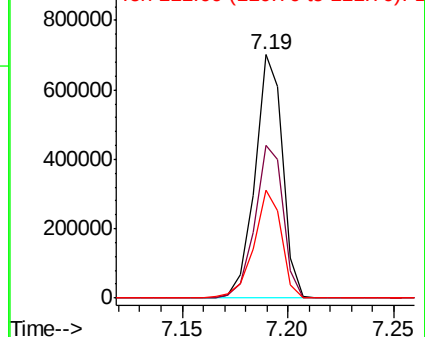
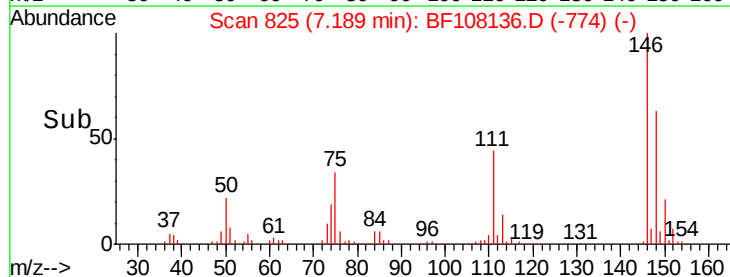
111 44.3 36.0 54.0



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: 42.331 ng

RT: 7.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

Instrument :

BNA_F

ClientSampleId :

PB111926BS

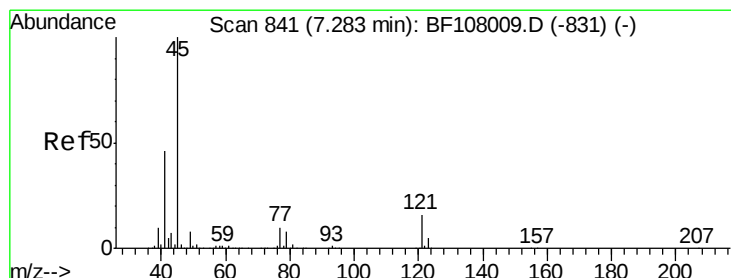
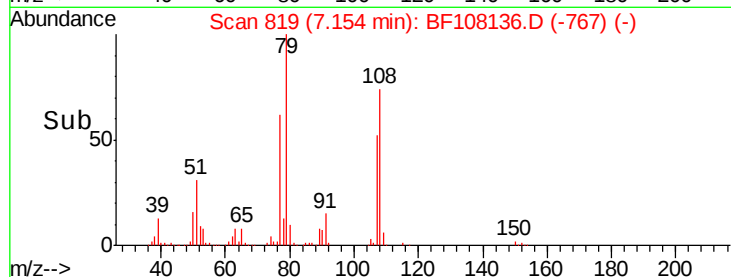
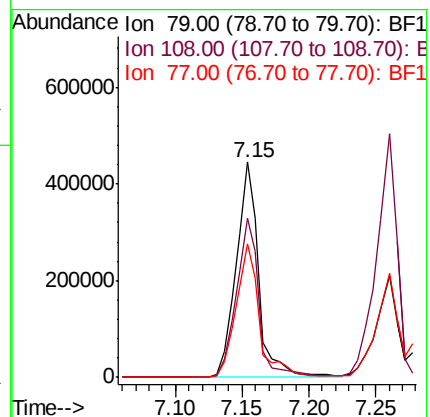
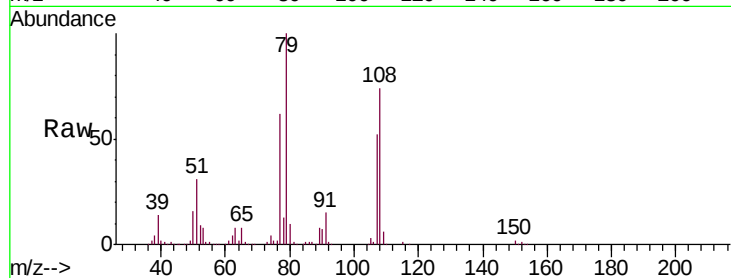
Tgt Ion: 79 Resp: 528574

Ion Ratio Lower Upper

79 100

108 73.7 65.1 97.7

77 61.9 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.682 ng

RT: 7.28 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

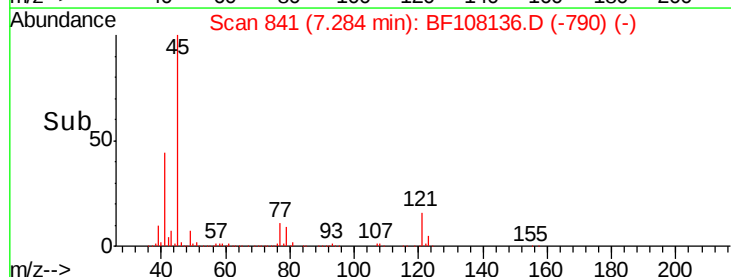
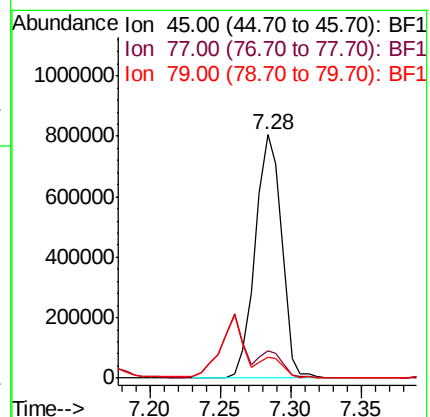
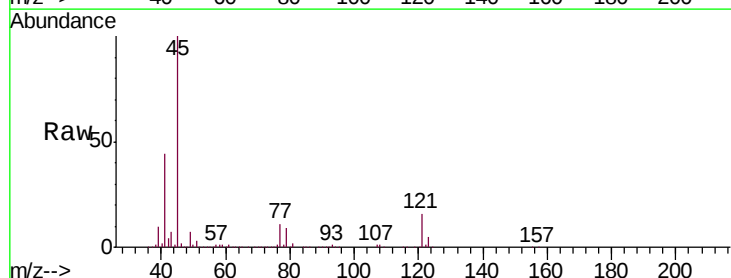
Tgt Ion: 45 Resp: 1065103

Ion Ratio Lower Upper

45 100

77 11.3 0.0 32.9

79 8.6 0.0 29.6

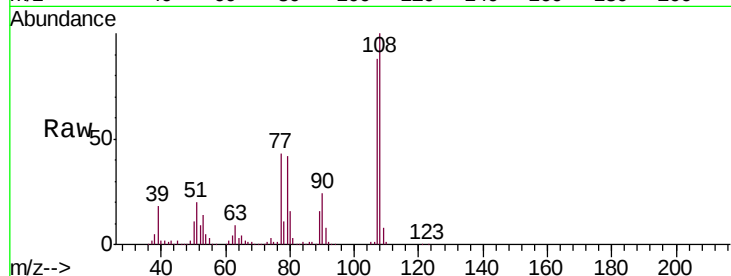




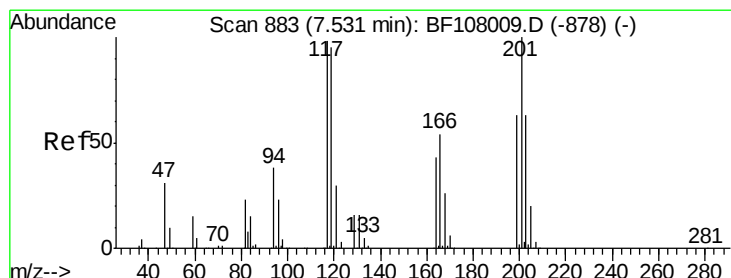
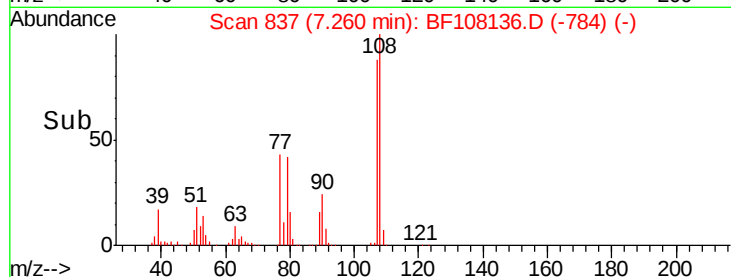
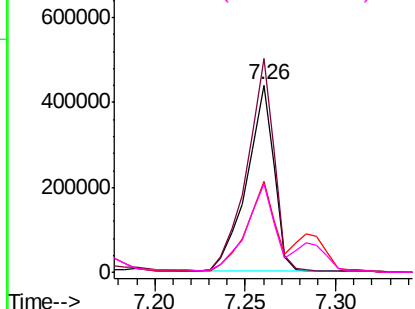
#17
2-Methylphenol
Concen: 42.638 ng
RT: 7.26 min Scan# 837
Delta R.T. 0.01 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Instrument :
BNA_F
ClientSampleId :
PB111926BS

Tgt Ion:	107	Resp:	459661
Ion	Ratio	Lower	Upper
107	100		
108	113.9	91.7	137.5
77	48.6	33.8	50.8
79	47.3	33.8	50.8

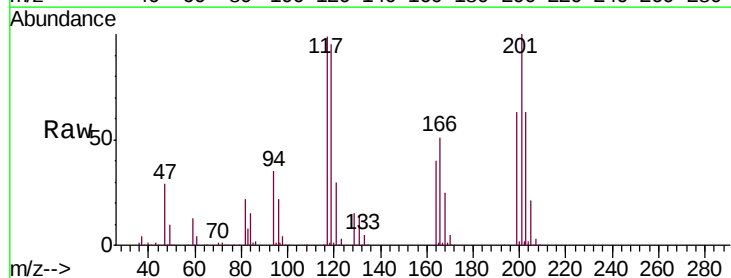


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

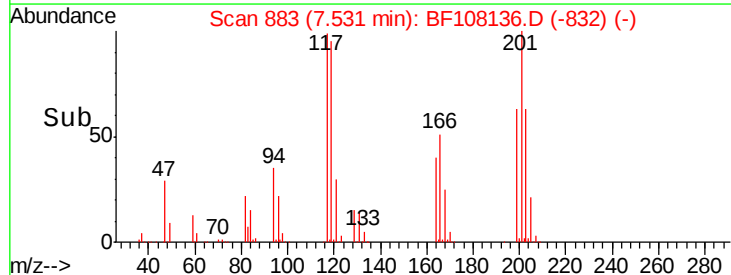
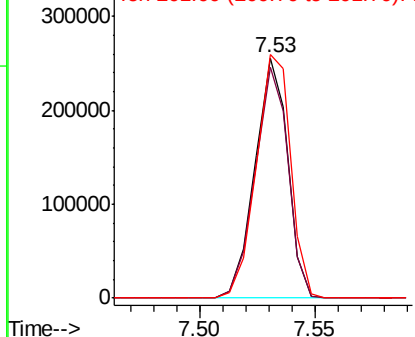


#18
Hexachloroethane
Concen: 48.747 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Tgt Ion:	117	Resp:	253452
Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.8	113.8
201	101.4	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

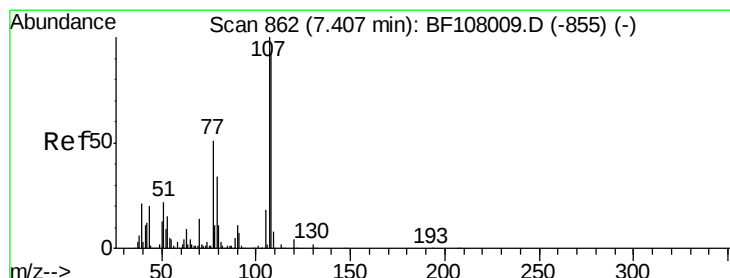
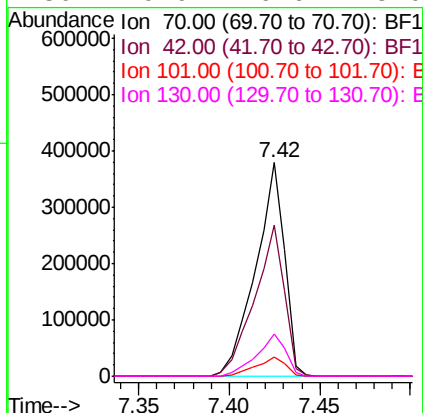
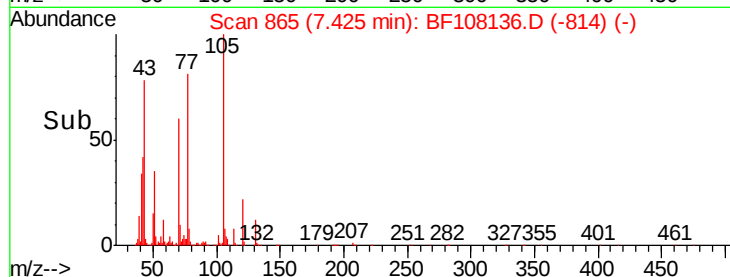
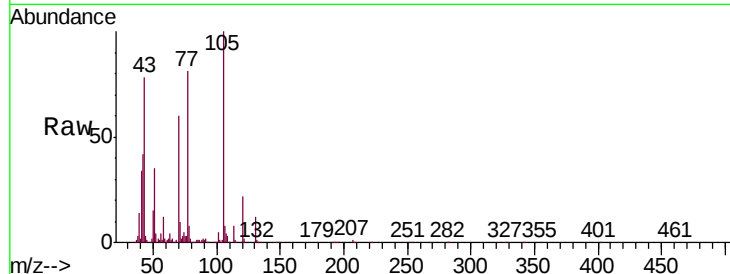




#19
n-Nitroso-di-n-propylamine
Concen: 41.940 ng
RT: 7.42 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

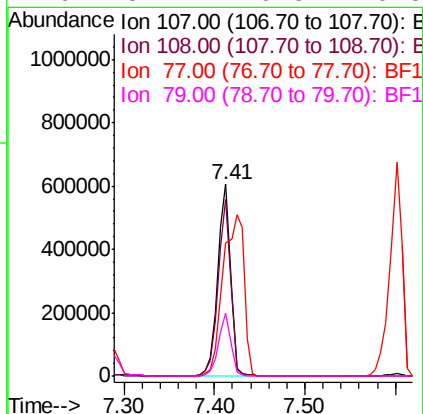
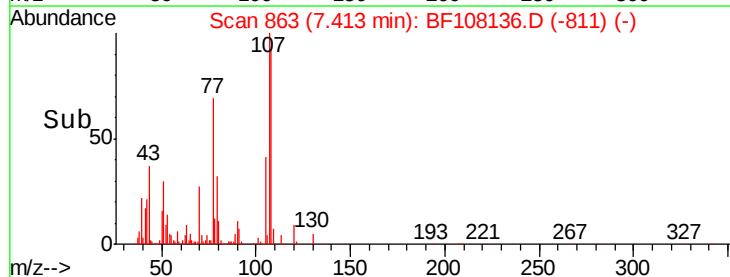
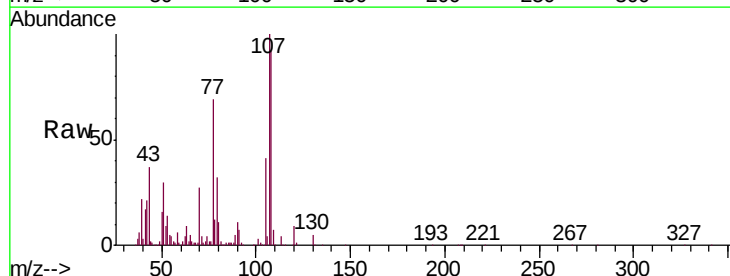
Instrument :
BNA_F
ClientSampleId :
PB111926BS

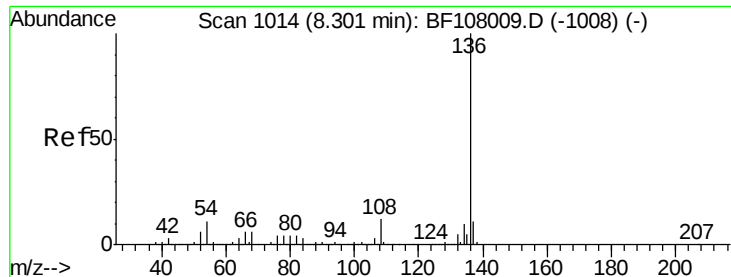
Tgt Ion:	70	Resp:	420667
Ion	Ratio	Lower	Upper
70	100		
42	70.6	47.5	71.3
101	9.0	7.4	11.2
130	19.9	16.6	25.0



#20
3+4-Methylphenols
Concen: 42.414 ng
RT: 7.41 min Scan# 863
Delta R.T. 0.01 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Tgt Ion:	107	Resp:	585945
Ion	Ratio	Lower	Upper
107	100		
108	92.0	68.2	108.2
77	69.4	26.7	66.7#
79	32.4	6.3	46.3

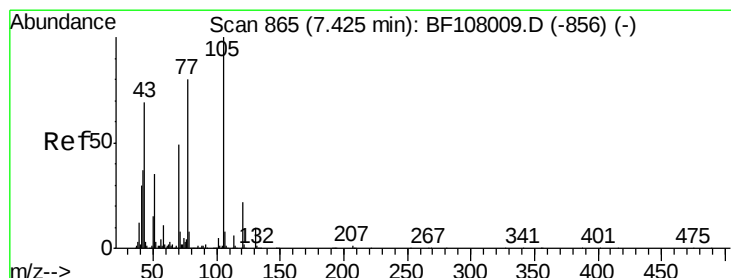
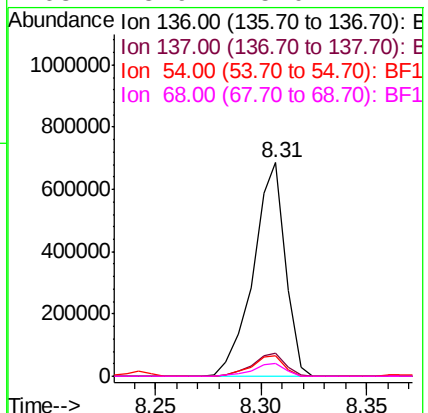
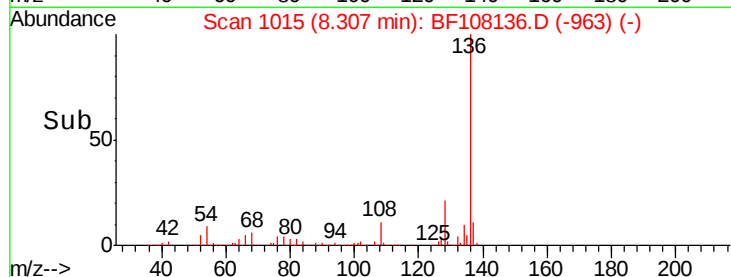
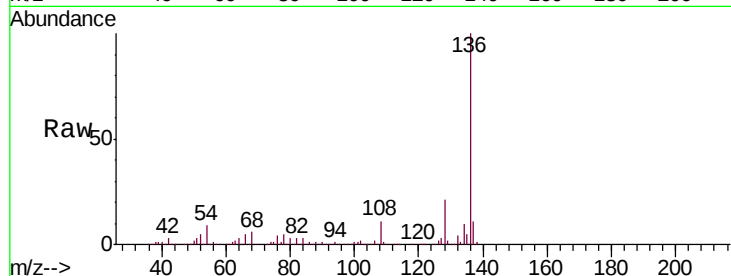




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.31 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

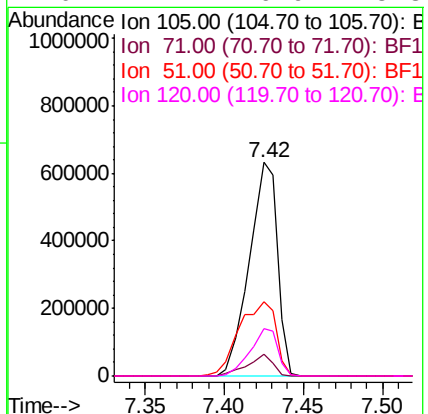
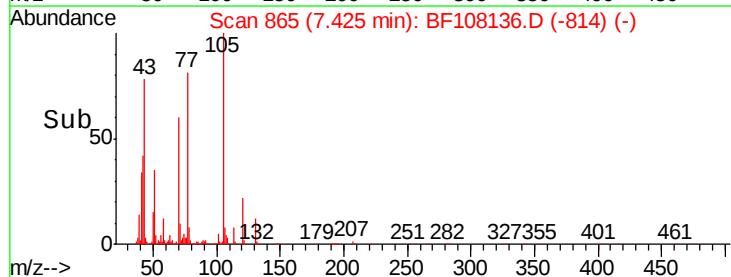
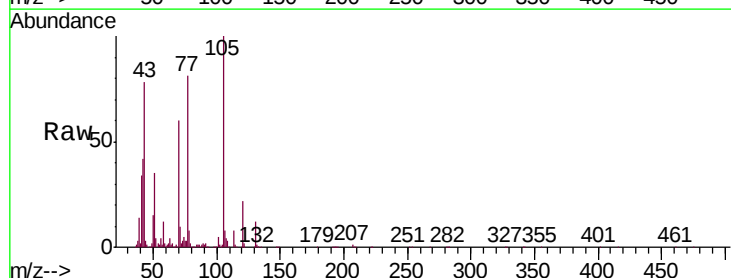
Instrument :
BNA_F
ClientSampleId :
PB111926BS

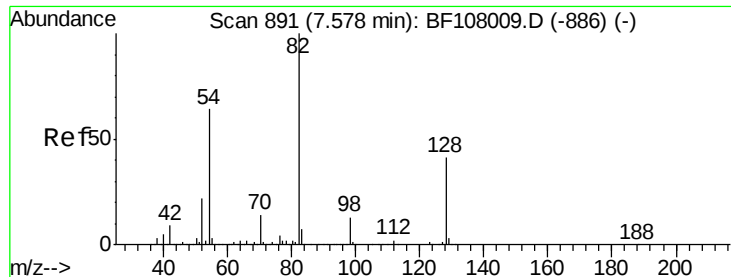
Tgt Ion:	136	Resp:	724236
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.3	6.6	9.8
68	5.9	5.0	7.4



#22
Acetophenone
Concen: 46.389 ng
RT: 7.42 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Tgt Ion:	105	Resp:	785573
Ion	Ratio	Lower	Upper
105	100		
71	10.3	4.4	6.6#
51	34.7	22.3	33.5#
120	22.1	16.9	25.3

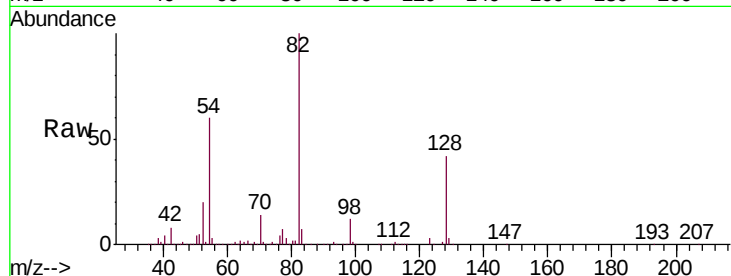




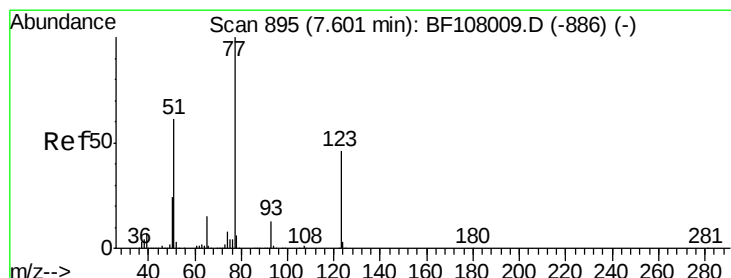
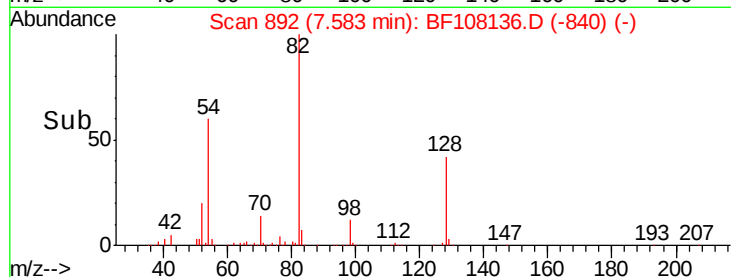
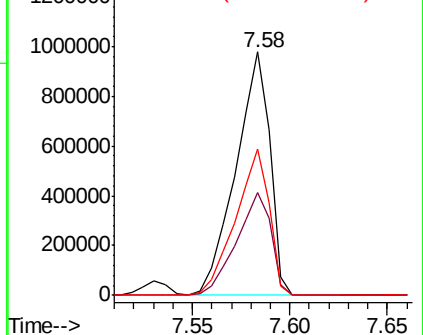
#23
 Nitrobenzene-d5
 Concen: 91.015 ng
 RT: 7.58 min Scan# 892
 Delta R.T. 0.01 min
 Lab File: BF108136.D
 Acq: 14 Aug 2018 11:22

Instrument :
 BNA_F
 ClientSampleId :
 PB111926BS

Tgt Ion: 82 Resp: 1181268
 Ion Ratio Lower Upper
 82 100
 128 42.4 36.1 54.1
 54 59.9 41.4 62.2

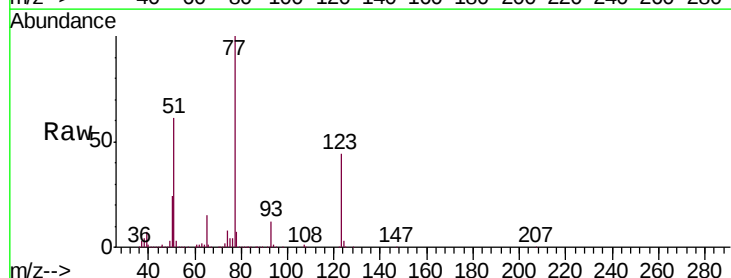


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

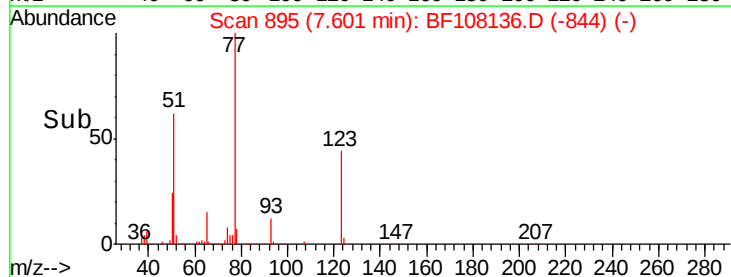
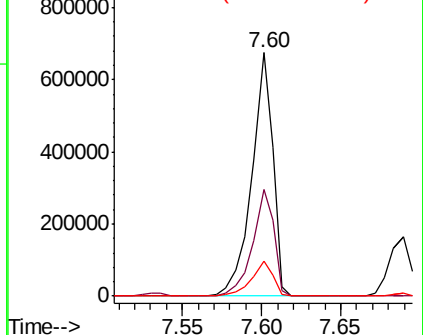


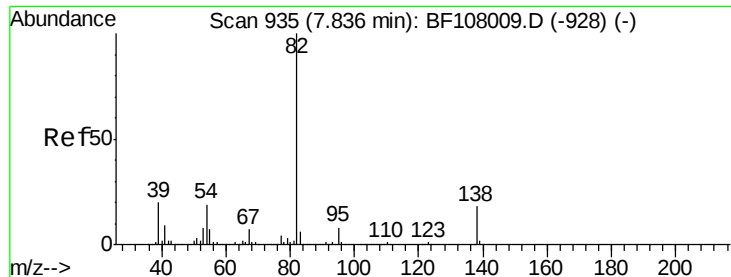
#24
 Nitrobenzene
 Concen: 47.319 ng
 RT: 7.60 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF108136.D
 Acq: 14 Aug 2018 11:22

Tgt Ion: 77 Resp: 621036
 Ion Ratio Lower Upper
 77 100
 123 43.9 37.9 56.9
 65 14.6 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 45.994 ng

RT: 7.84 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

Instrument :

BNA_F

ClientSampleId :

PB111926BS

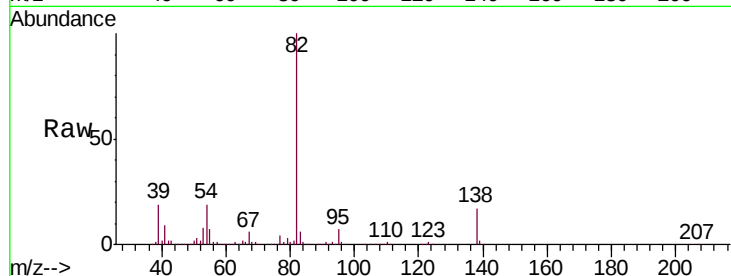
Tgt Ion: 82 Resp: 1137801

Ion Ratio Lower Upper

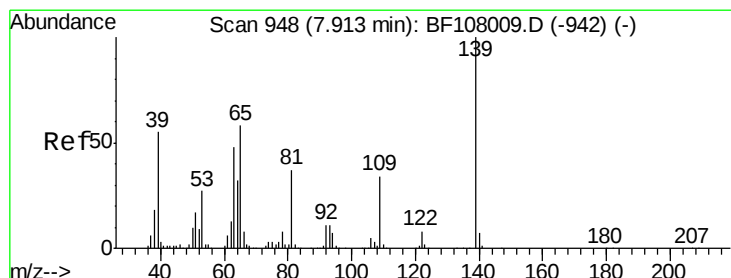
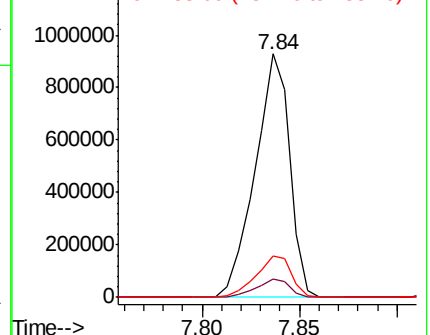
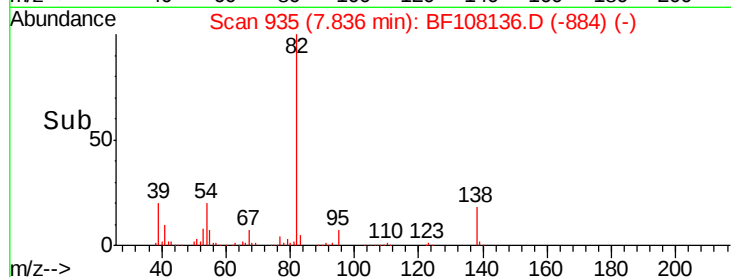
82 100

95 7.3 5.2 7.8

138 16.8 14.9 22.3



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: 54.548 ng

RT: 7.92 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

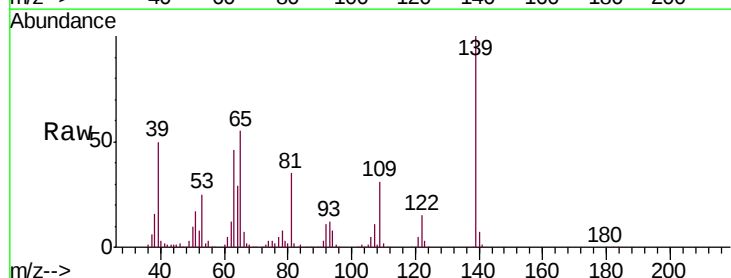
Tgt Ion: 139 Resp: 270358

Ion Ratio Lower Upper

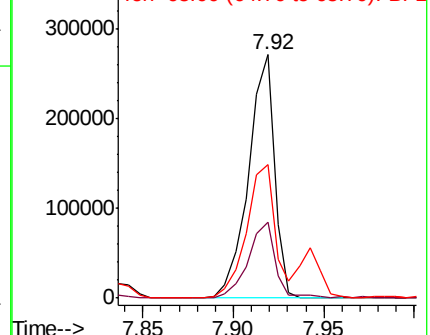
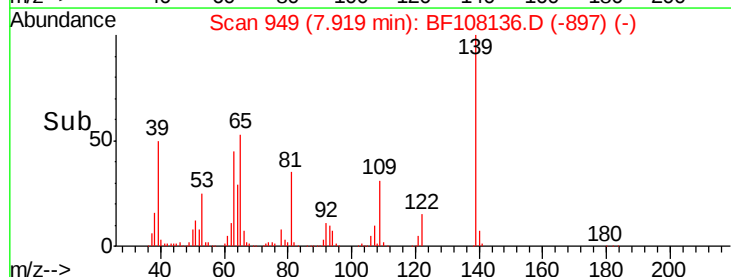
139 100

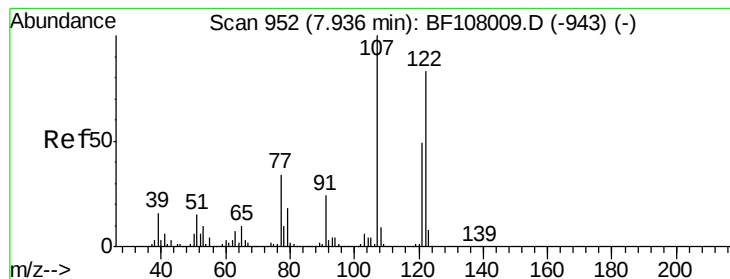
109 31.3 22.7 34.1

65 54.8 40.5 60.7



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 47.232 ng

RT: 7.94 min Scan# 953

Delta R.T. 0.01 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

Instrument :

BNA_F

ClientSampleId :

PB111926BS

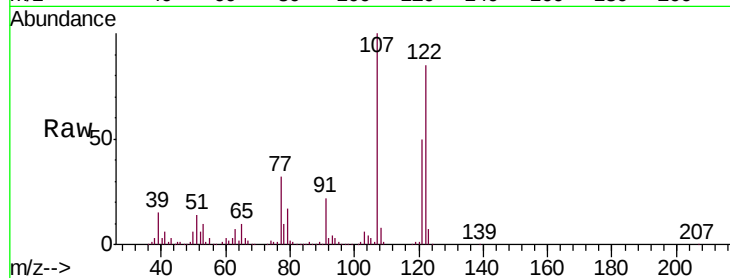
Tgt Ion:122 Resp: 518587

Ion Ratio Lower Upper

122 100

107 118.2 91.2 136.8

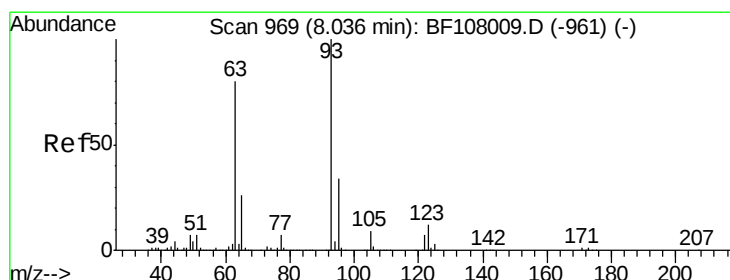
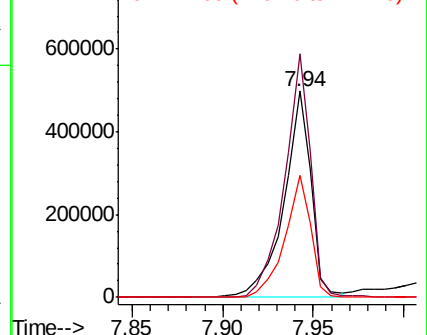
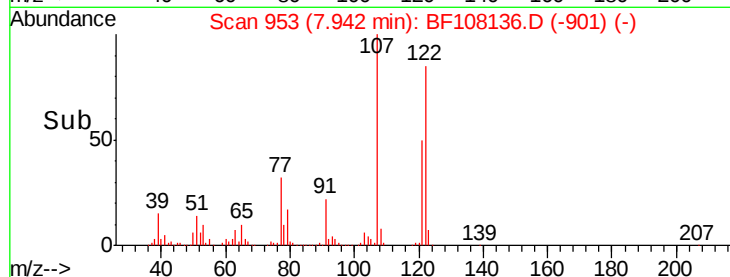
121 59.5 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 47.308 ng

RT: 8.04 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

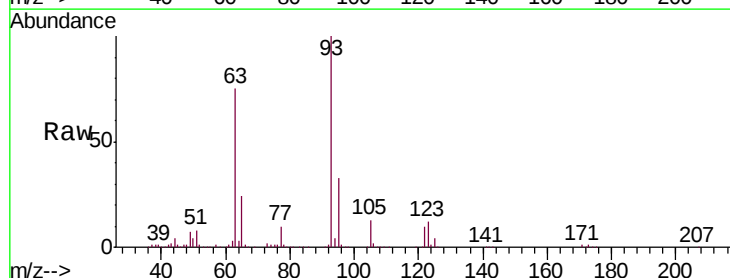
Tgt Ion: 93 Resp: 683205

Ion Ratio Lower Upper

93 100

95 33.5 26.3 39.5

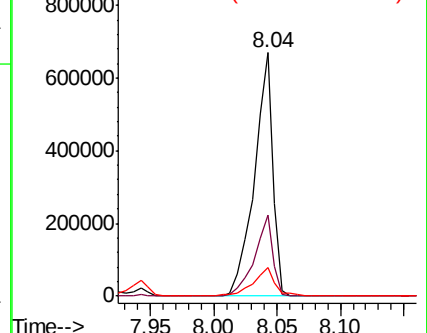
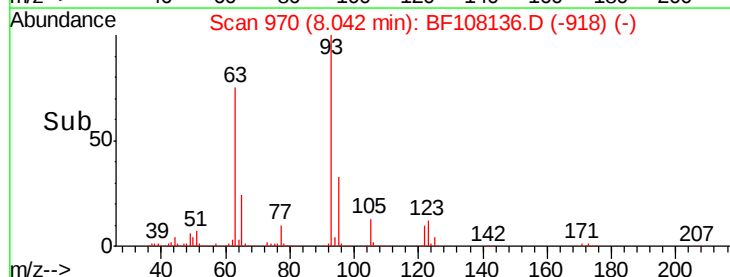
123 11.7 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

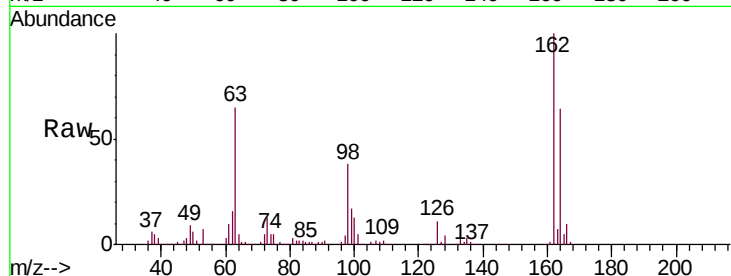




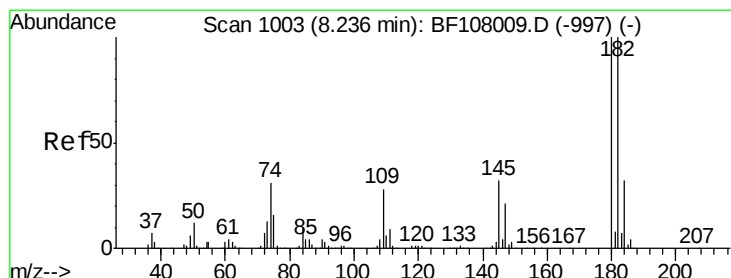
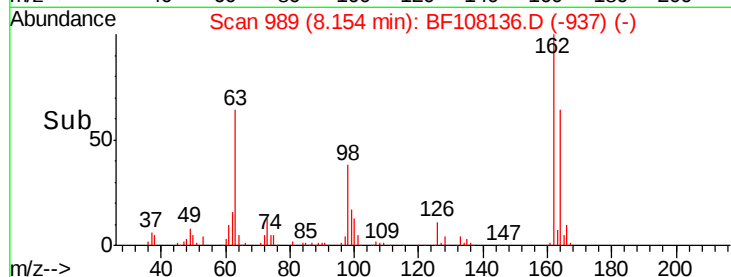
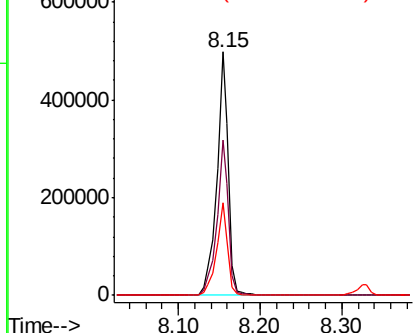
#29
2,4-Dichlorophenol
Concen: 48.583 ng
RT: 8.15 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Instrument :
BNA_F
ClientSampleId :
PB111926BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.7	42.7	82.7
98	37.8	18.1	58.1

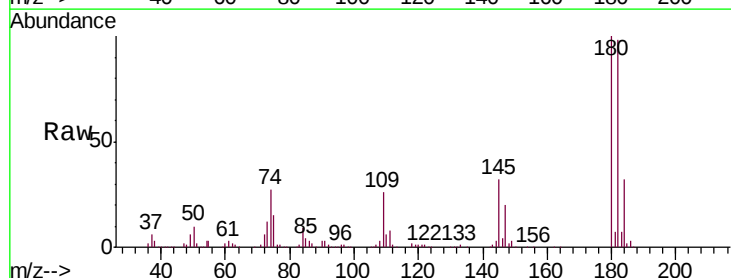


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

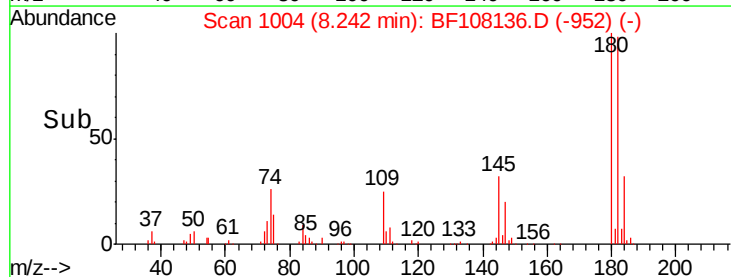
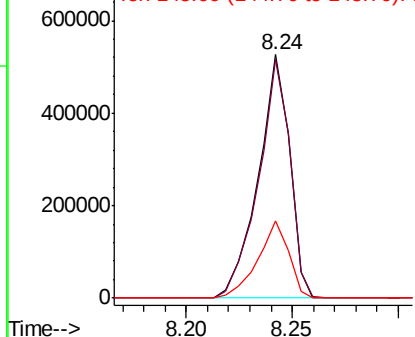


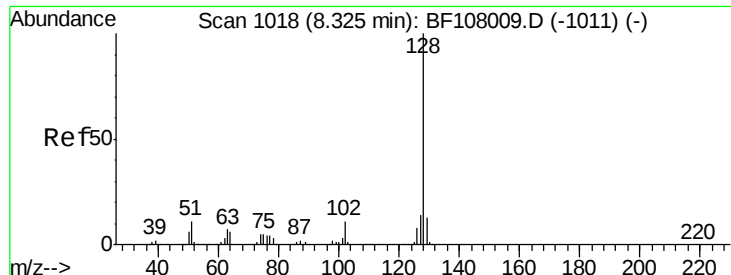
#30
1,2,4-Trichlorobenzene
Concen: 48.872 ng
RT: 8.24 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	76.8	115.2
145	31.8	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

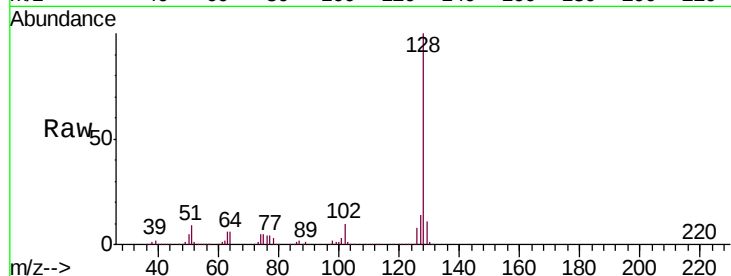




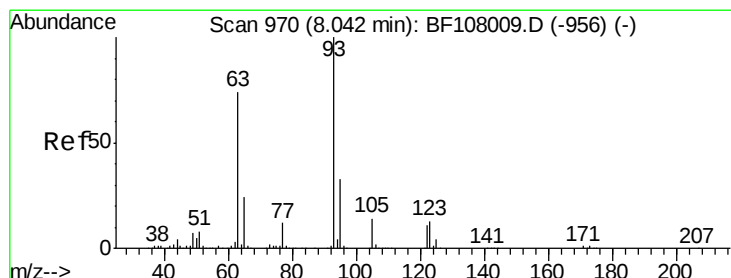
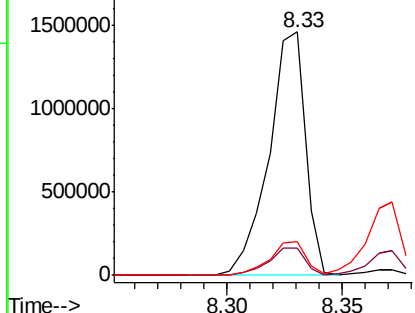
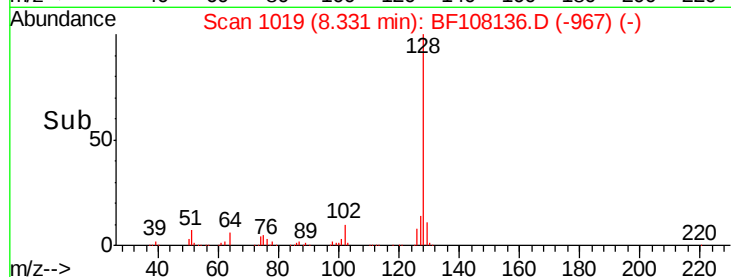
#31
Naphthalene
Concen: 48.798 ng
RT: 8.33 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Instrument :
BNA_F
ClientSampleId :
PB111926BS

Tgt Ion:128 Resp: 1607236
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.8 10.9 16.3

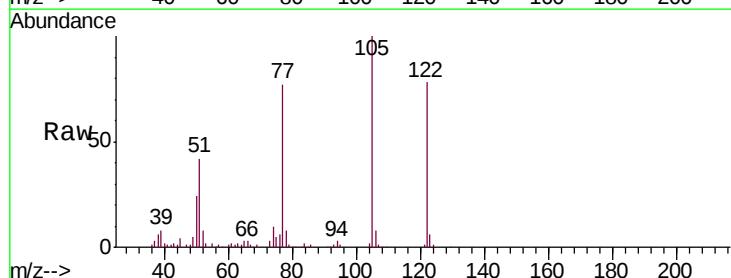


Abundance Ion 128.00 (127.70 to 128.70): E
2000000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

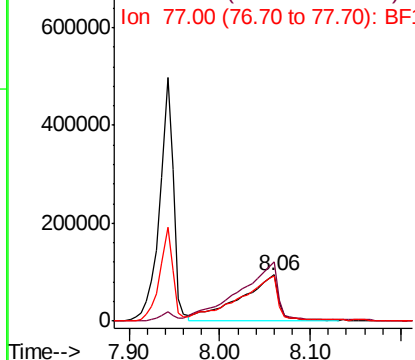
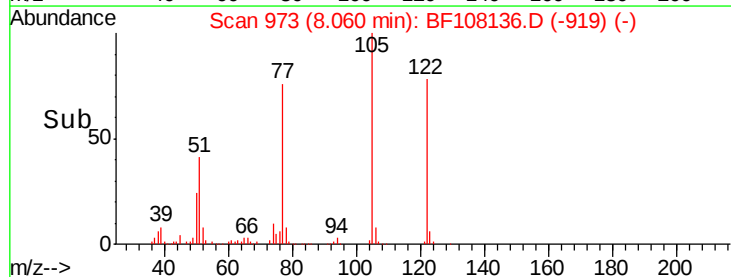


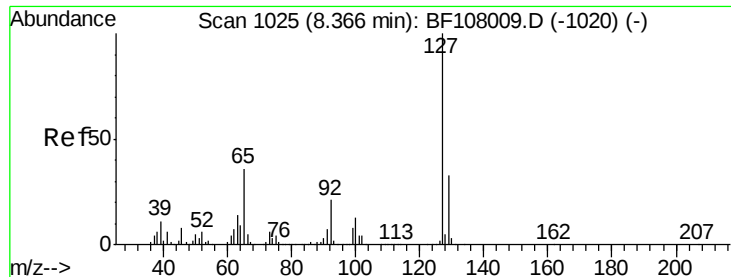
#32
Benzoic acid
Concen: 44.031 ng
RT: 8.06 min Scan# 973
Delta R.T. 0.02 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Tgt Ion:122 Resp: 276944
Ion Ratio Lower Upper
122 100
105 127.8 101.1 141.1
77 98.5 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
600000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

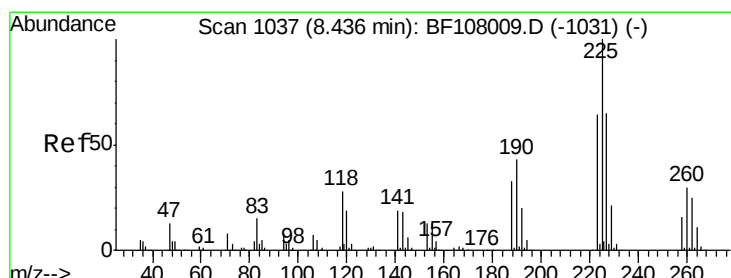
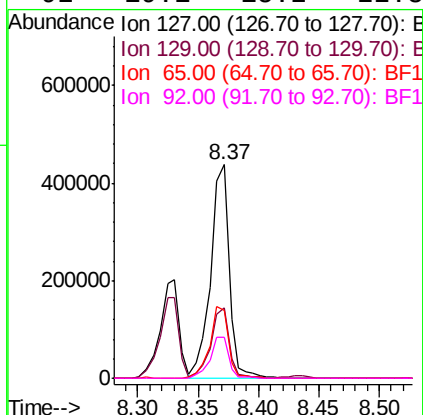
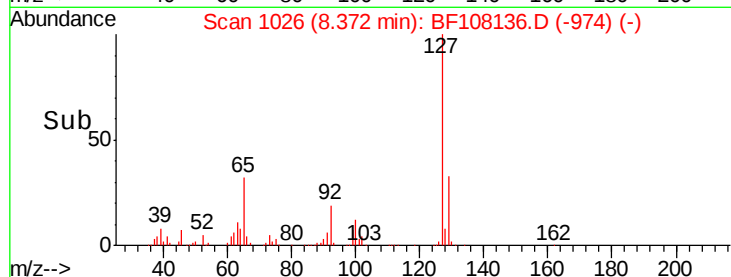
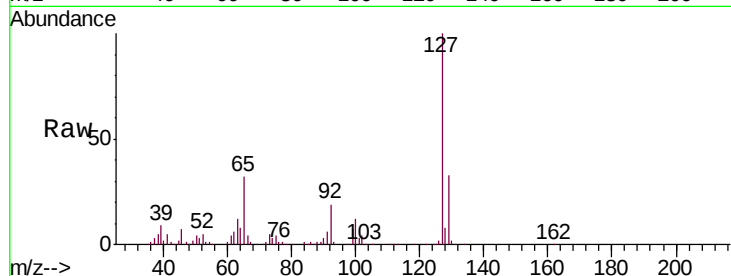




#33
4-Chloroaniline
Concen: 32.436 ng
RT: 8.37 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

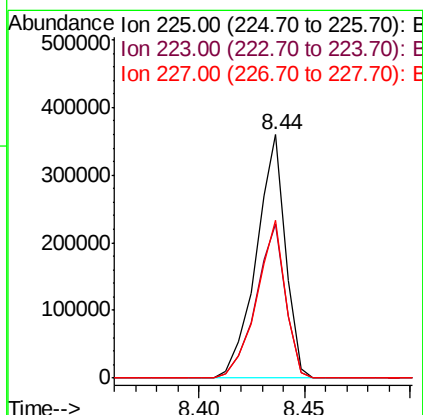
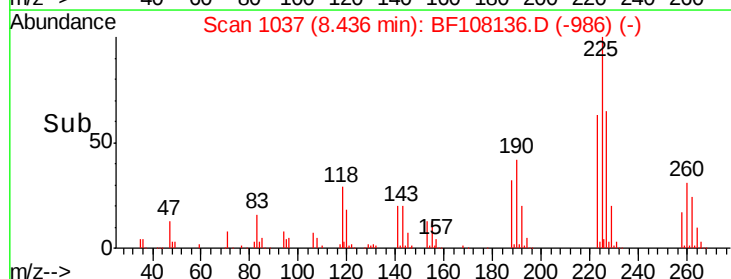
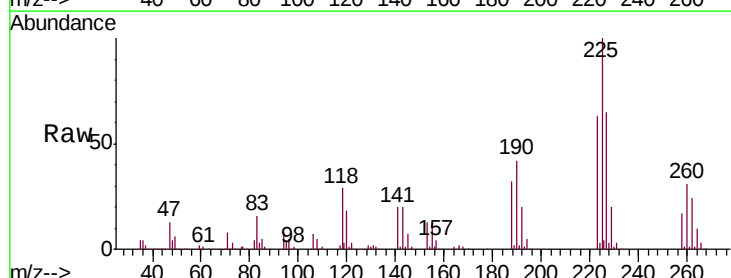
Instrument :
BNA_F
ClientSampleId :
PB111926BS

Tgt Ion:	127	Resp:	465576
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.9	38.9
65	32.0	25.0	37.4
92	19.1	15.2	22.8



#34
Hexachlorobutadiene
Concen: 48.973 ng
RT: 8.44 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Tgt Ion:	225	Resp:	345373
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	64.8	51.9	77.9





#35

Caprolactam

Concen: 24.692 ng

RT: 8.74 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

Instrument :

BNA_F

ClientSampleId :

PB111926BS

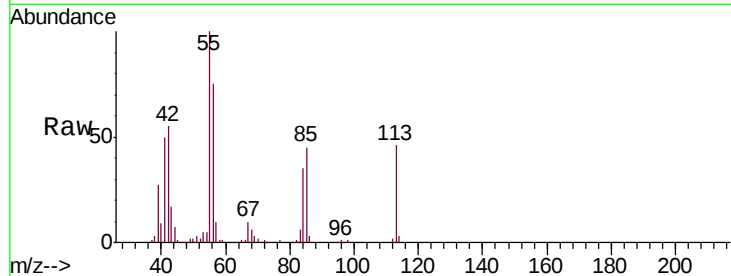
Tgt Ion:113 Resp: 78183

Ion Ratio Lower Upper

113 100

55 219.5 163.3 203.3#

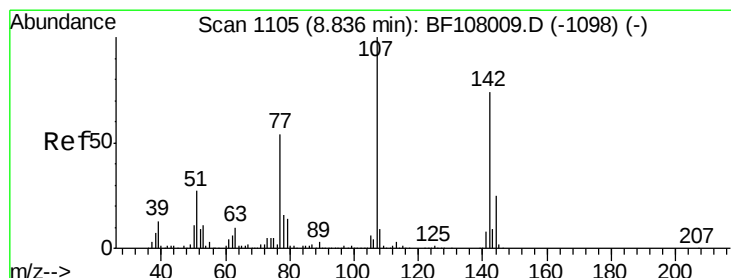
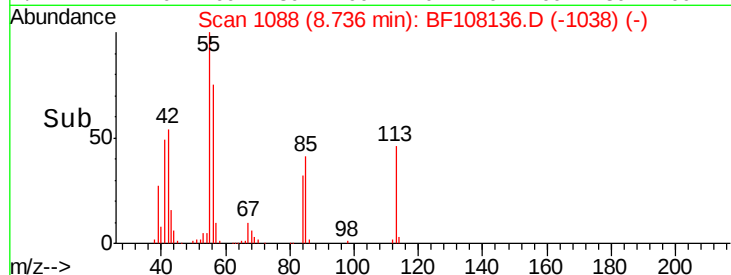
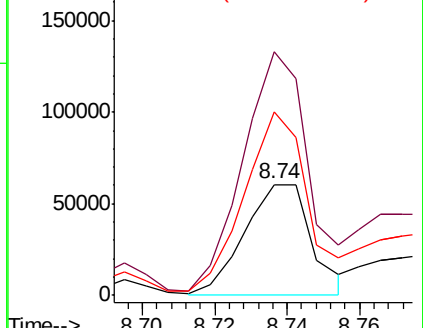
56 165.5 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 46.516 ng

RT: 8.84 min Scan# 1106

Delta R.T. 0.01 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

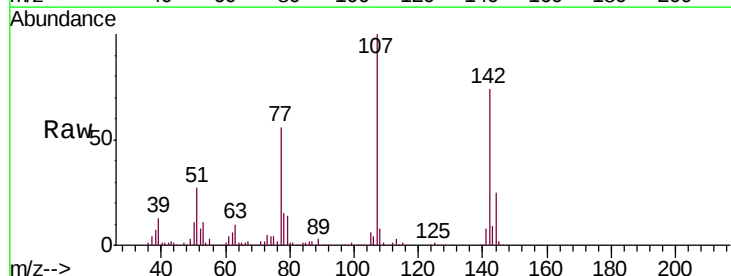
Tgt Ion:107 Resp: 507028

Ion Ratio Lower Upper

107 100

144 25.0 20.5 30.7

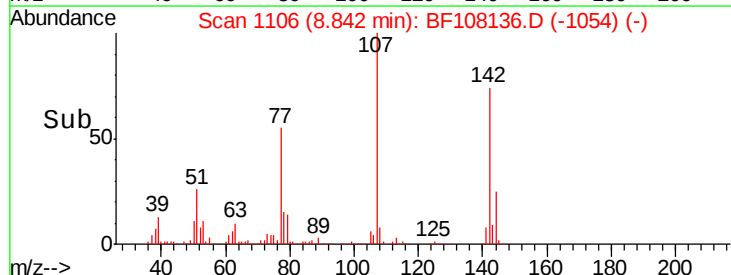
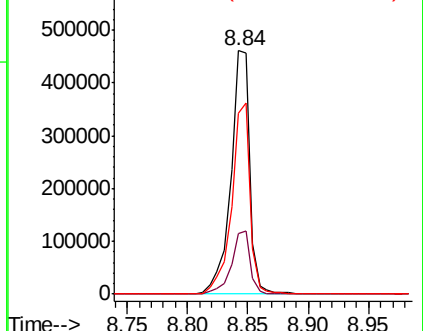
142 74.3 62.0 93.0

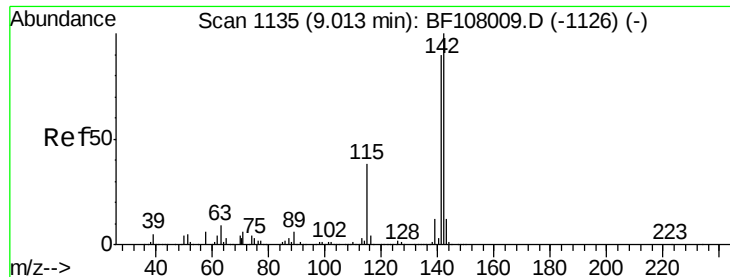


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

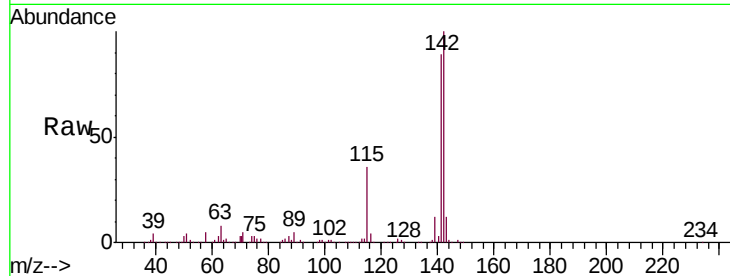




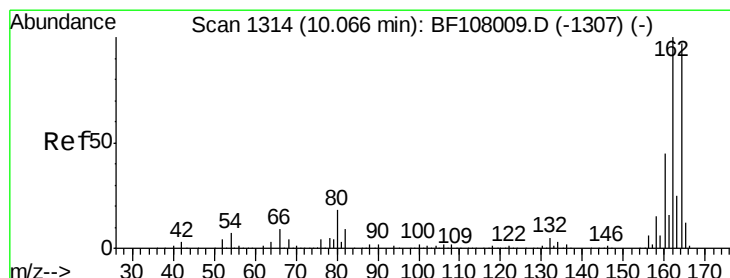
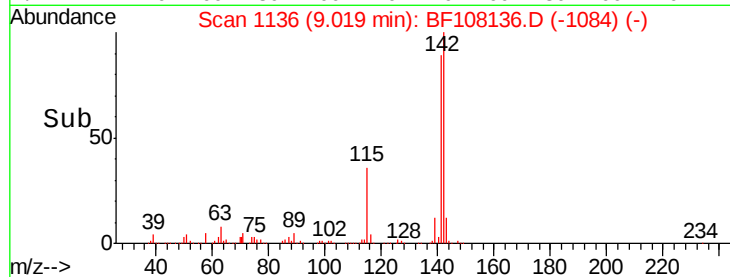
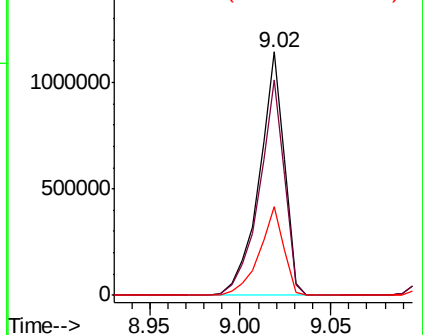
#37
2-Methylnaphthalene
Concen: 47.196 ng
RT: 9.02 min Scan# 1136
Delta R.T. 0.01 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Instrument :
BNA_F
ClientSampleId :
PB111926BS

Tgt Ion:142 Resp: 1099803
Ion Ratio Lower Upper
142 100
141 88.5 70.8 106.2
115 36.2 26.1 39.1

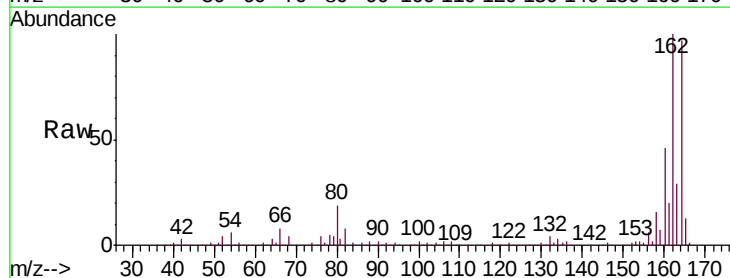


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

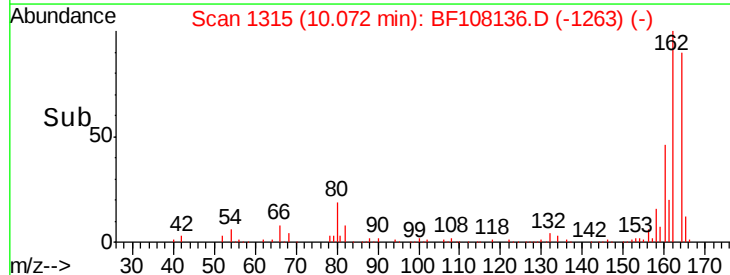
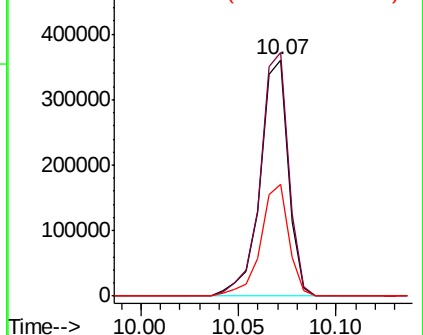


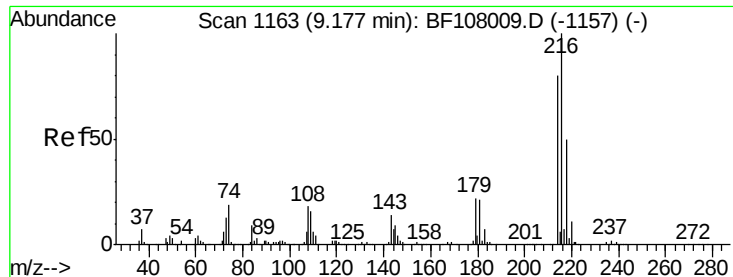
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Tgt Ion:164 Resp: 360392
Ion Ratio Lower Upper
164 100
162 103.0 86.1 129.1
160 47.2 38.3 57.5



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

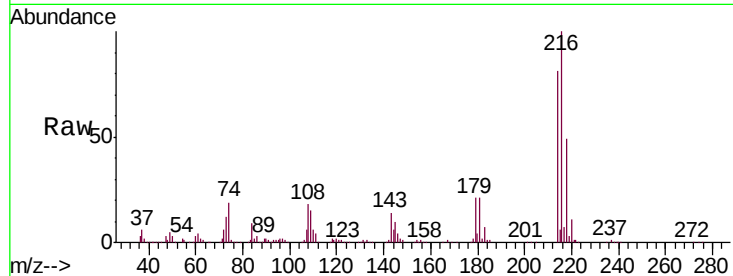




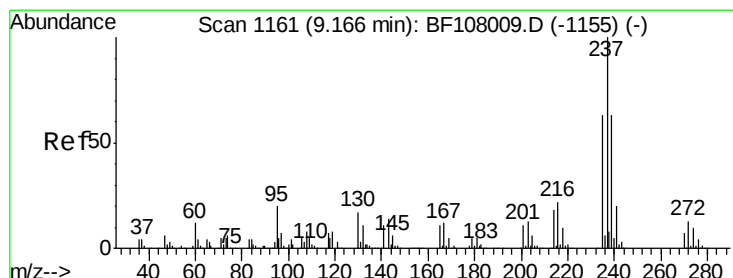
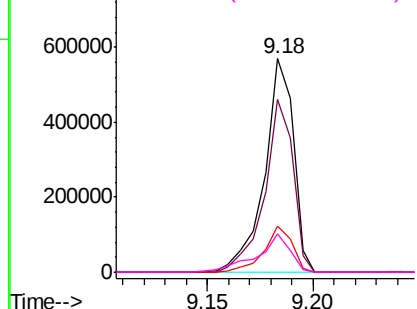
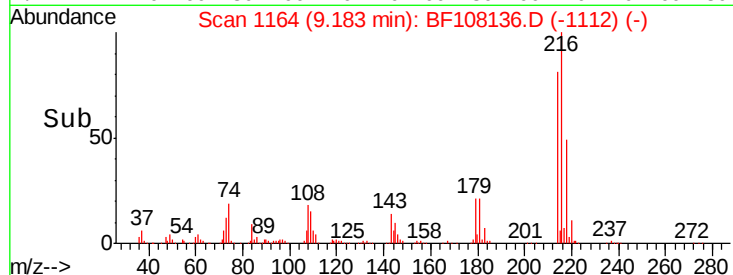
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.345 ng
 RT: 9.18 min Scan# 1164
 Delta R.T. 0.01 min
 Lab File: BF108136.D
 Acq: 14 Aug 2018 11:22

Instrument :
 BNA_F
 ClientSampleId :
 PB111926BS

Tgt Ion:	216	Resp:	546110
Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.0	94.4
179	20.9	18.1	27.1
108	20.2	17.2	25.8

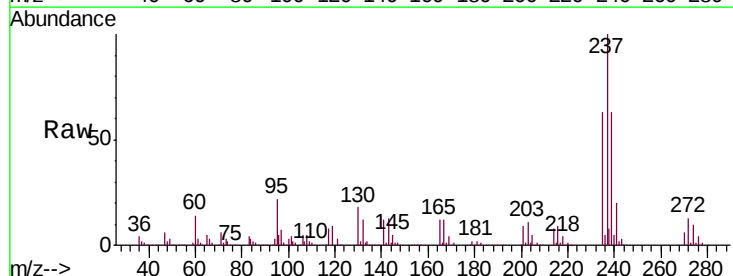


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

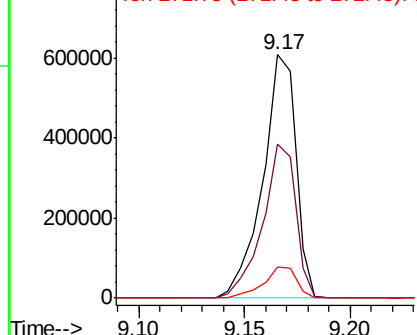
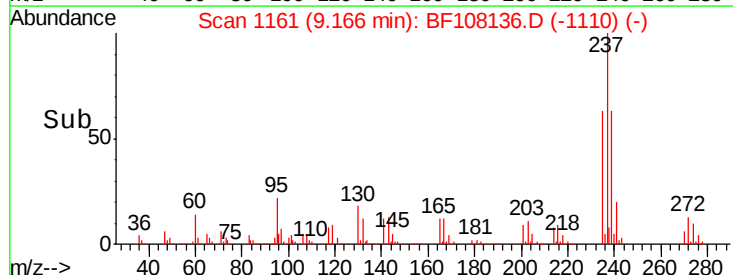


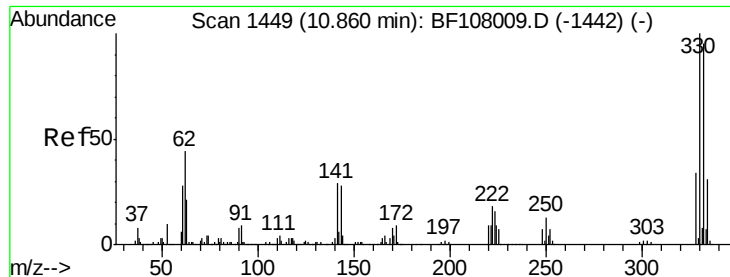
#40
 Hexachlorocyclopentadiene
 Concen: 93.245 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF108136.D
 Acq: 14 Aug 2018 11:22

Tgt Ion:	237	Resp:	666558
Ion	Ratio	Lower	Upper
237	100		
235	63.5	44.8	84.8
272	12.6	0.0	33.3



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

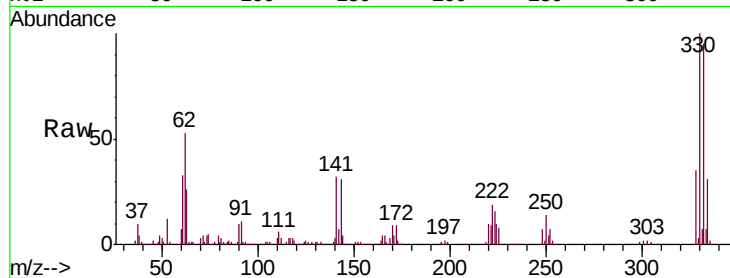




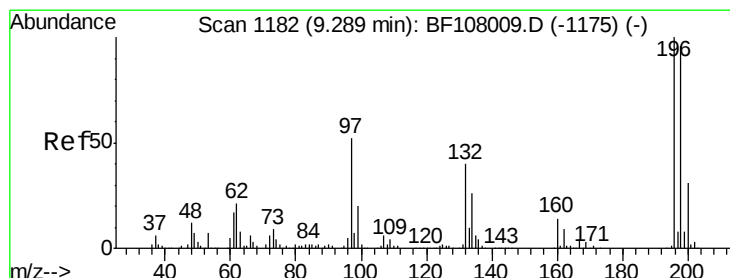
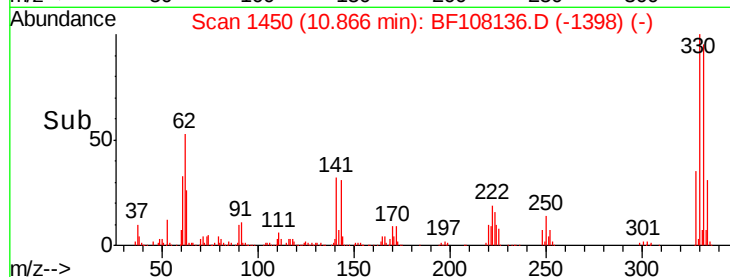
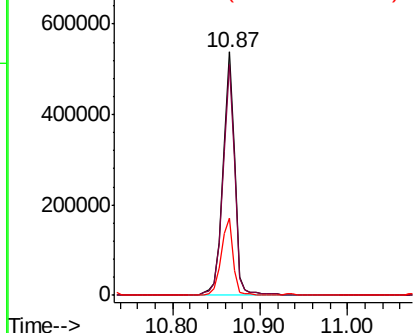
#41
 2,4,6-Tribromophenol
 Concen: 142.229 ng
 RT: 10.87 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BF108136.D
 Acq: 14 Aug 2018 11:22

Instrument :
 BNA_F
 ClientSampleId :
 PB111926BS

Tgt Ion:330 Resp: 511288
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 32.3 29.9 44.9

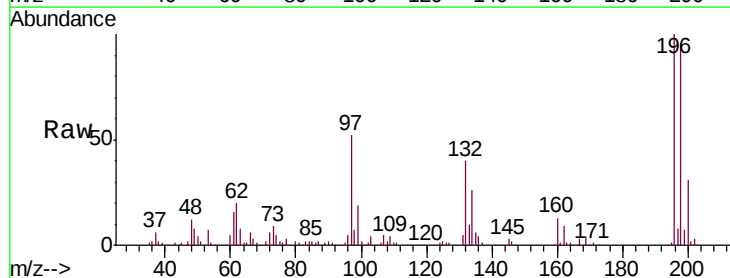


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

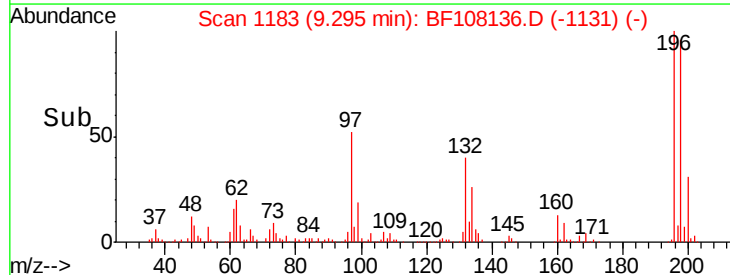
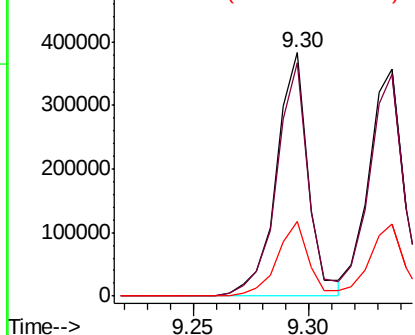


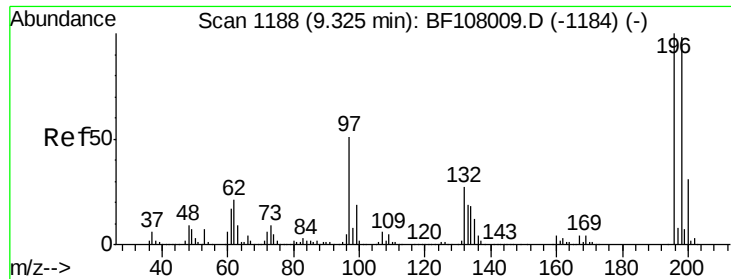
#42
 2,4,6-Trichlorophenol
 Concen: 53.268 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF108136.D
 Acq: 14 Aug 2018 11:22

Tgt Ion:196 Resp: 365832
 Ion Ratio Lower Upper
 196 100
 198 95.8 75.7 113.5
 200 30.7 24.5 36.7



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

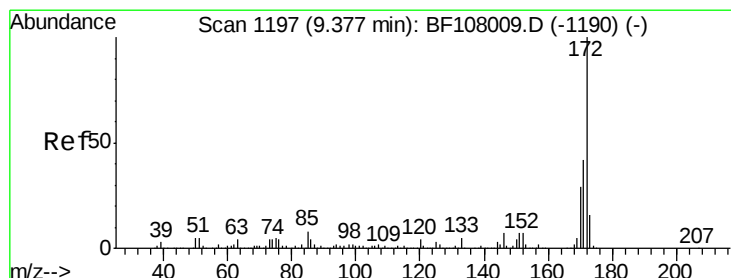
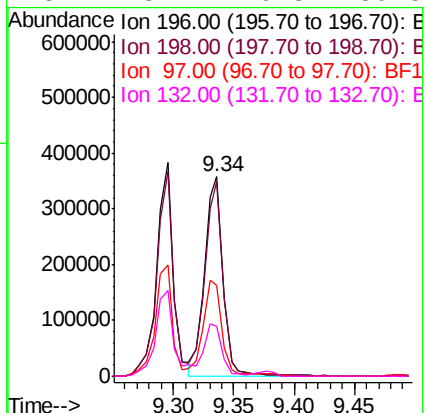
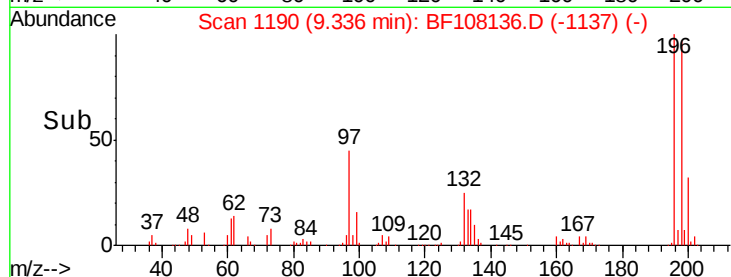
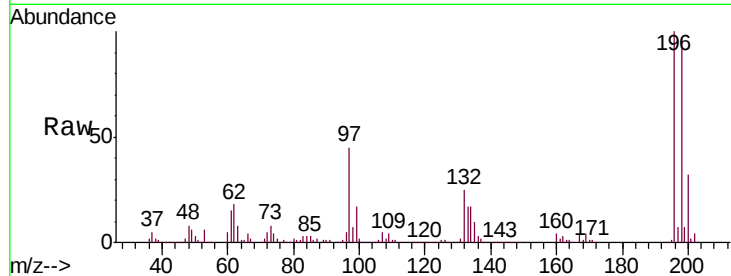




#43
 2,4,5-Trichlorophenol
 Concen: 49.914 ng
 RT: 9.34 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF108136.D
 Acq: 14 Aug 2018 11:22

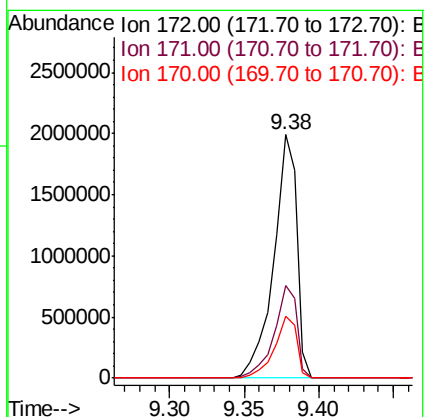
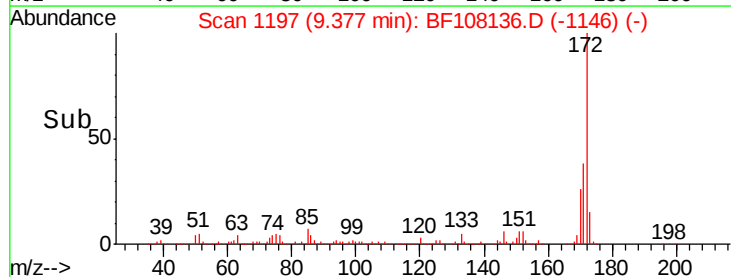
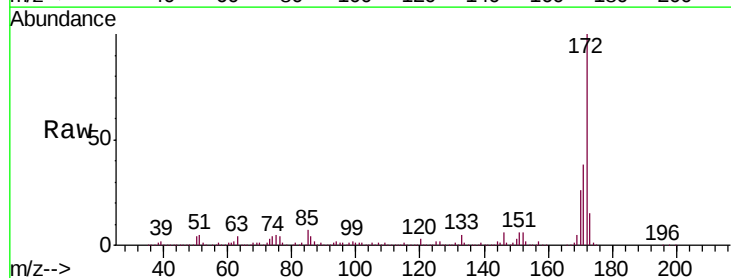
Instrument :
 BNA_F
 ClientSampleId :
 PB111926BS

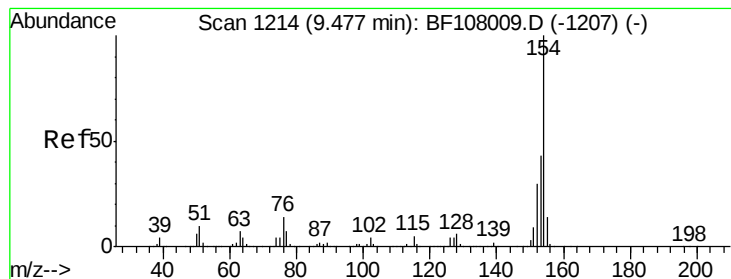
Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.3	74.6	112.0
97	45.4	42.9	64.3
132	25.1	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 95.393 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108136.D
 Acq: 14 Aug 2018 11:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.7	44.5
170	25.6	19.6	29.4





#45

1,1'-Biphenyl

Concen: 49.095 ng

RT: 9.48 min Scan# 1215

Delta R.T. 0.01 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

Instrument :

BNA_F

ClientSampleId :

PB111926BS

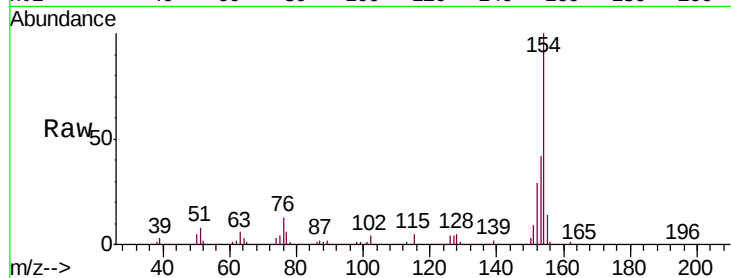
Tgt Ion:154 Resp: 1304549

Ion Ratio Lower Upper

154 100

153 41.8 21.3 61.3

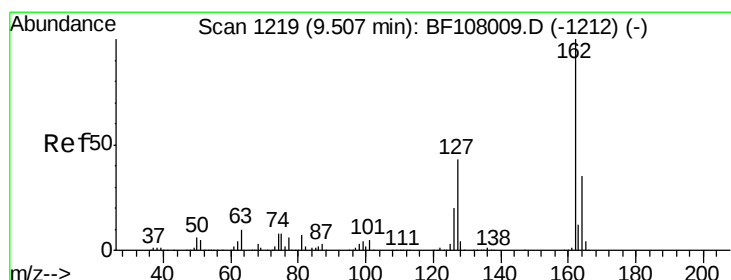
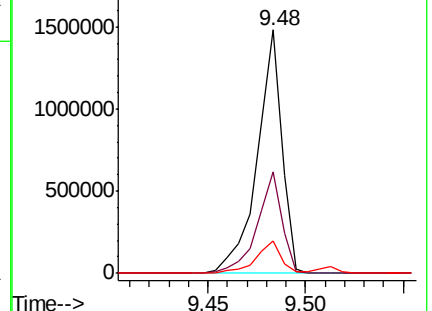
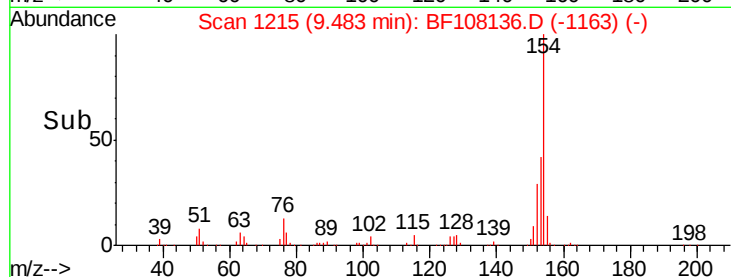
76 13.1 0.0 34.0



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



#46

2-Chloronaphthalene

Concen: 49.434 ng

RT: 9.51 min Scan# 1220

Delta R.T. 0.01 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

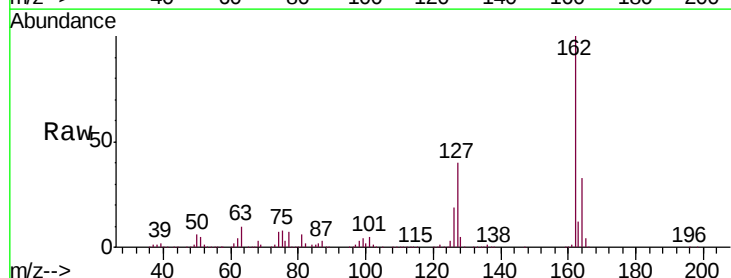
Tgt Ion:162 Resp: 1038171

Ion Ratio Lower Upper

162 100

127 40.2 33.9 50.9

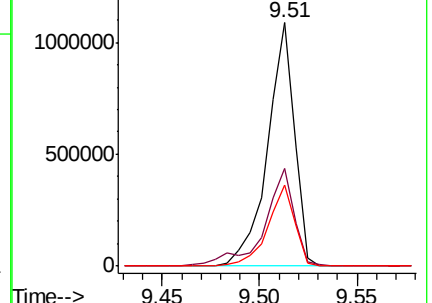
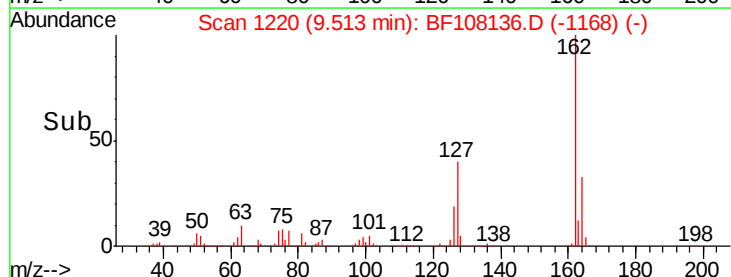
164 33.5 26.5 39.7

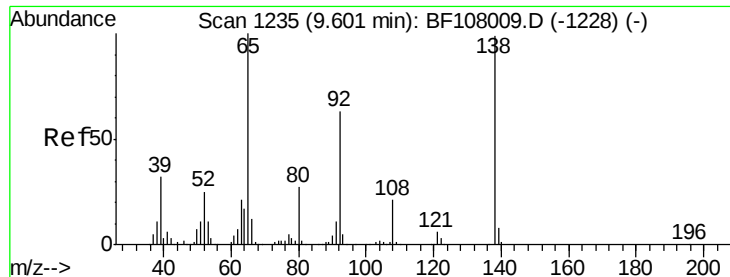


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 50.009 ng

RT: 9.61 min Scan# 1236

Delta R.T. 0.01 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

Instrument :

BNA_F

ClientSampleId :

PB111926BS

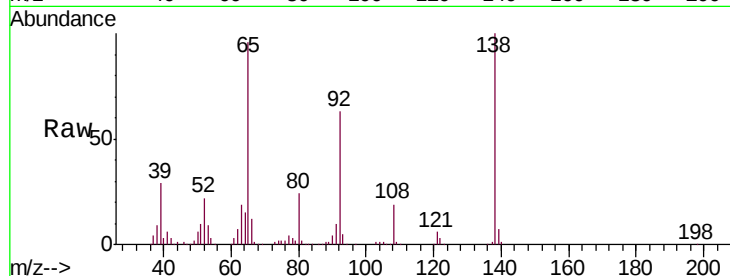
Tgt Ion: 65 Resp: 339820

Ion Ratio Lower Upper

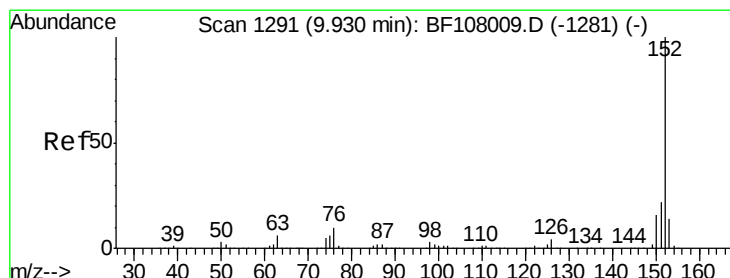
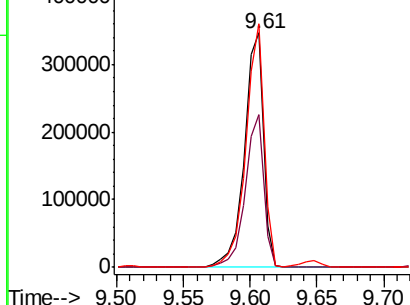
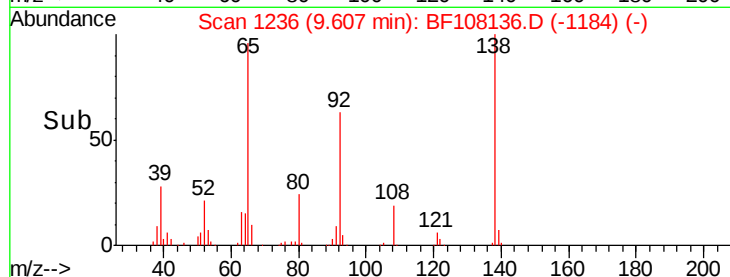
65 100

92 65.2 55.8 83.6

138 103.9 91.2 136.8



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): BF1



#48

Acenaphthylene

Concen: 48.610 ng

RT: 9.93 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

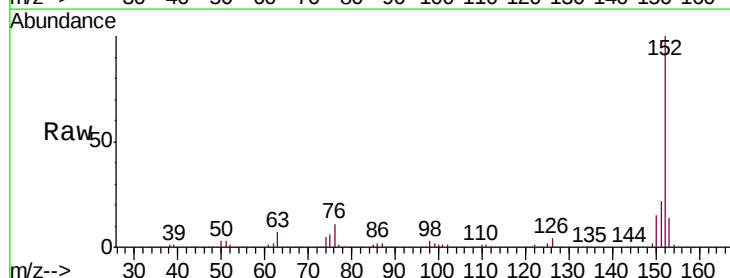
Tgt Ion: 152 Resp: 1613922

Ion Ratio Lower Upper

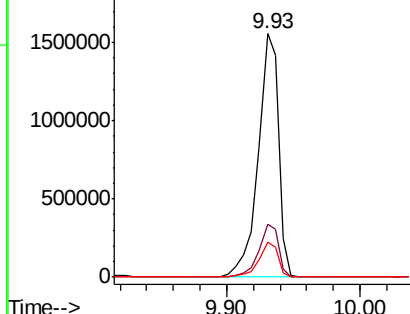
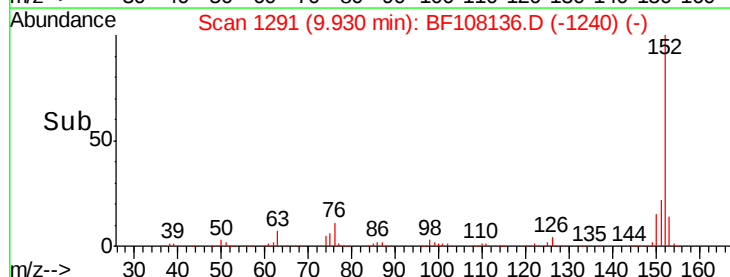
152 100

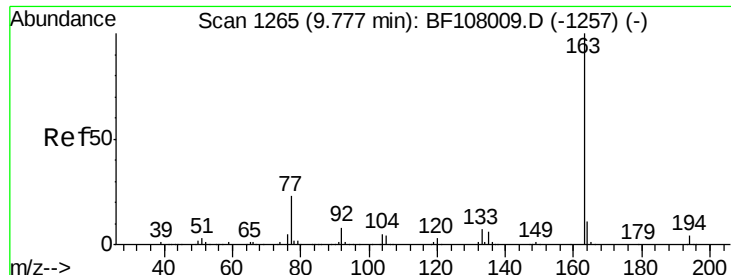
151 21.7 16.3 24.5

153 14.3 10.7 16.1



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

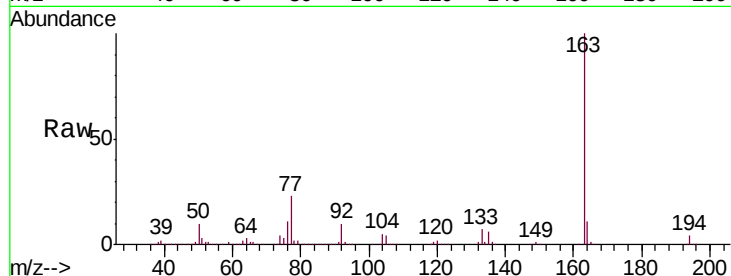




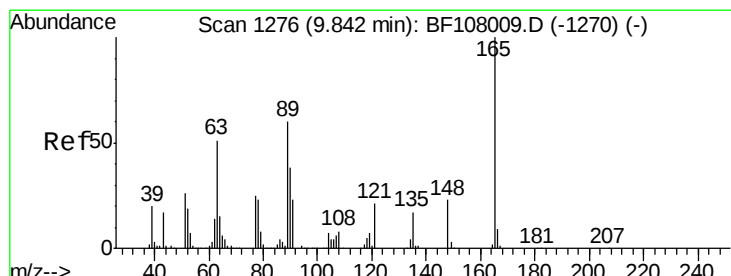
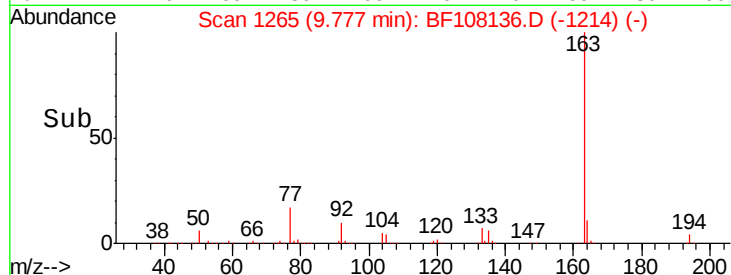
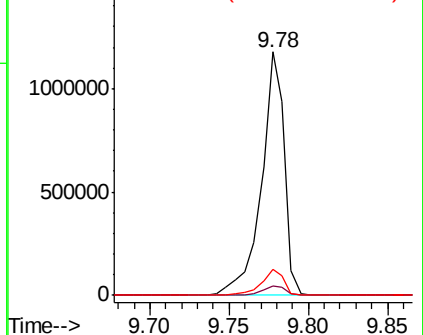
#49
Dimethylphthalate
Concen: 47.234 ng
RT: 9.78 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Instrument :
BNA_F
ClientSampleId :
PB111926BS

Tgt Ion:163 Resp: 1185769
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.9 8.2 12.2

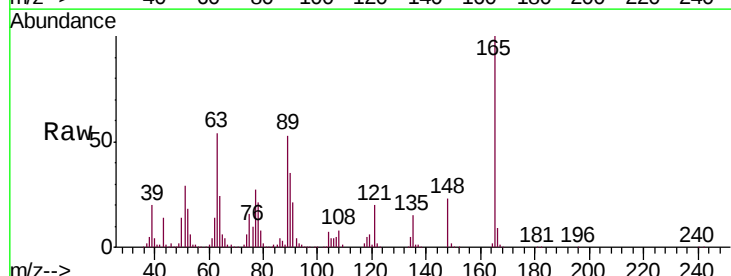


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

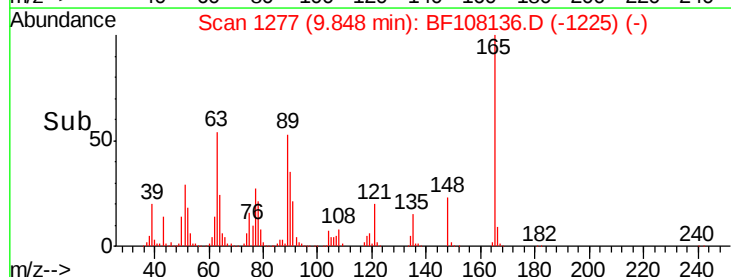
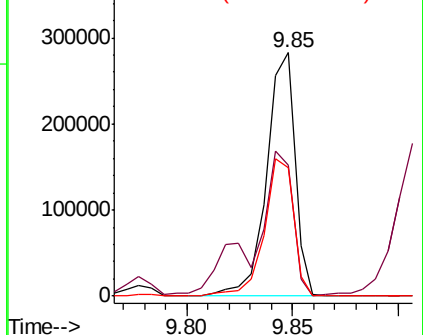


#50
2,6-Dinitrotoluene
Concen: 50.646 ng
RT: 9.85 min Scan# 1277
Delta R.T. 0.01 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Tgt Ion:165 Resp: 266010
Ion Ratio Lower Upper
165 100
63 53.6 44.7 67.1
89 52.6 44.0 66.0



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





#51

Acenaphthene

Concen: 51.697 ng

RT: 10.11 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

Instrument :

BNA_F

ClientSampleId :

PB111926BS

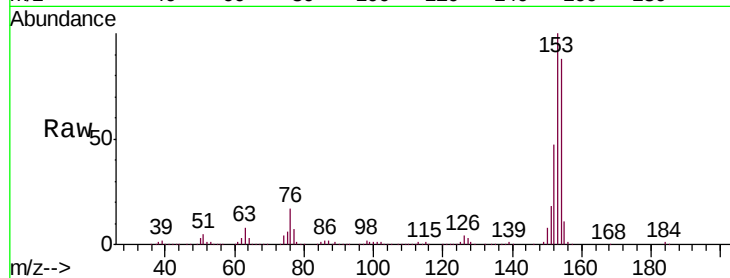
Tgt Ion:154 Resp: 1051292

Ion Ratio Lower Upper

154 100

153 113.9 91.2 136.8

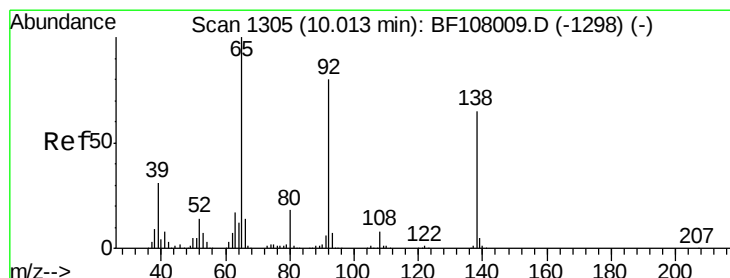
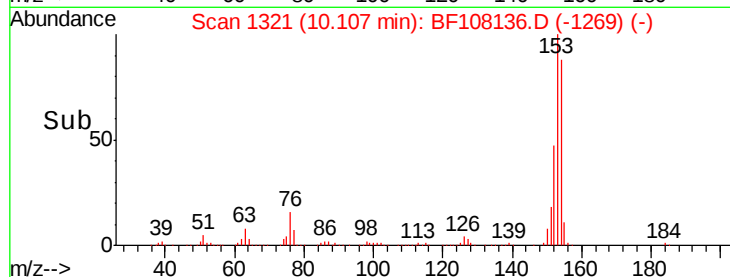
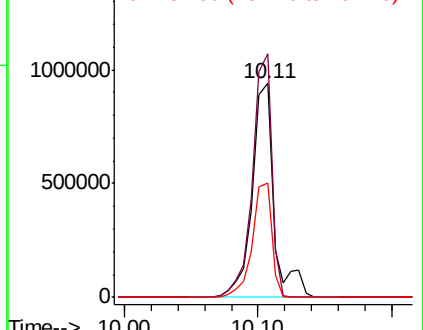
152 53.7 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 37.332 ng

RT: 10.02 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

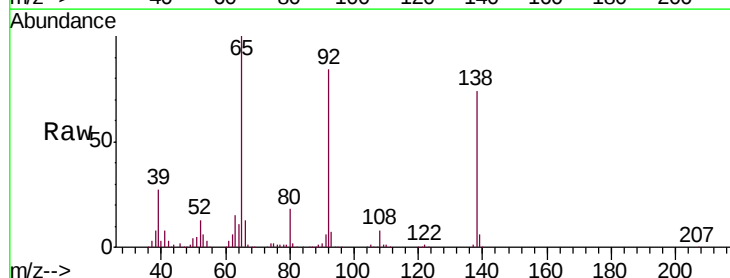
Tgt Ion:138 Resp: 214537

Ion Ratio Lower Upper

138 100

108 10.7 9.4 14.0

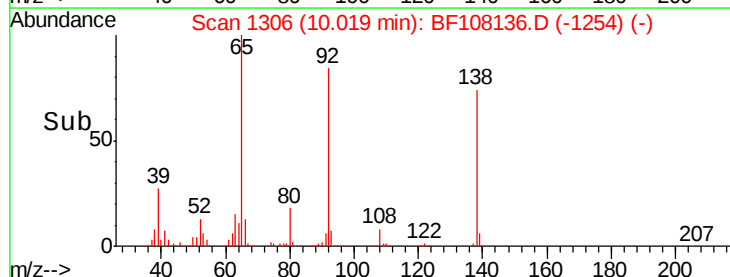
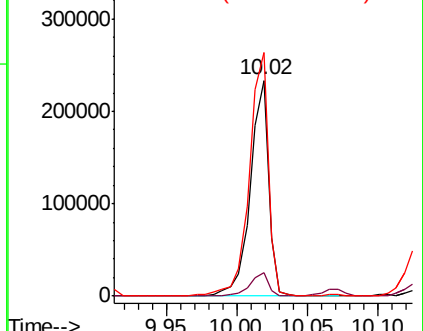
92 112.9 89.4 134.2

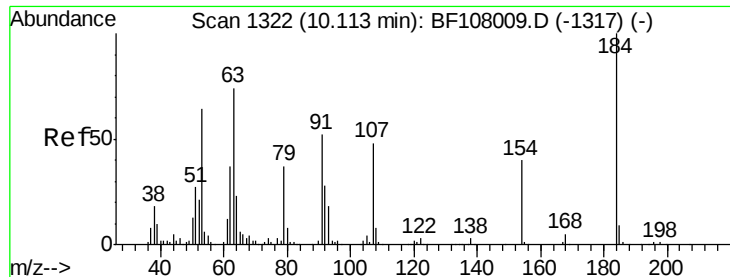


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

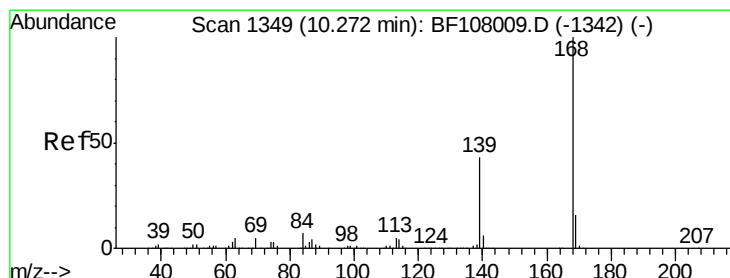
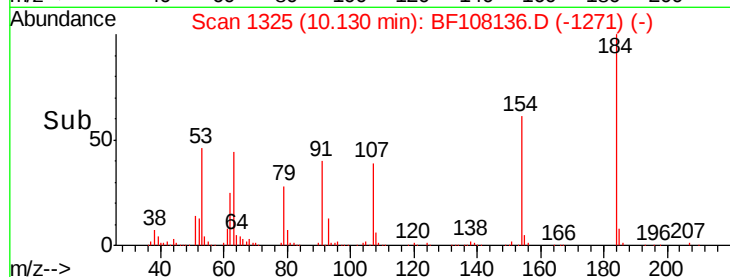
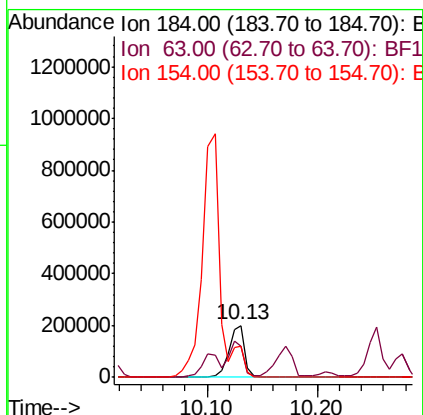
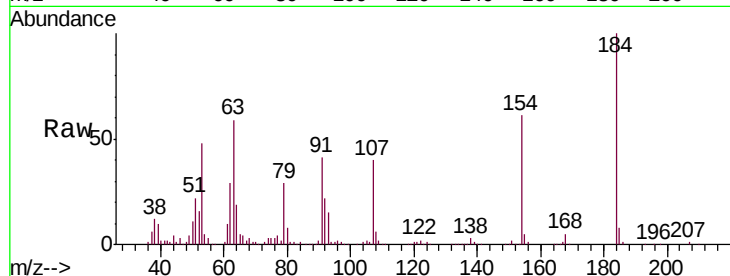




#53
2,4-Dinitrophenol
Concen: 99.723 ng
RT: 10.13 min Scan# 1325
Delta R.T. 0.02 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

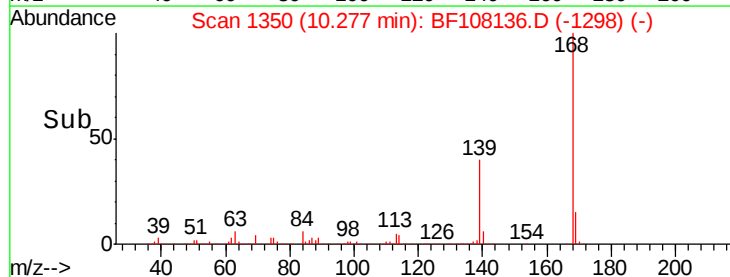
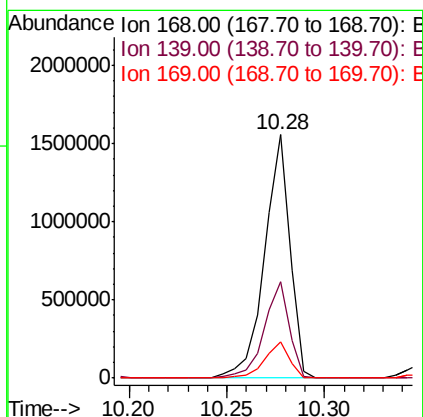
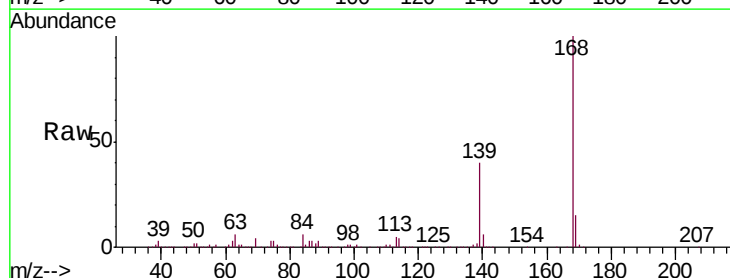
Instrument :
BNA_F
ClientSampleId :
PB111926BS

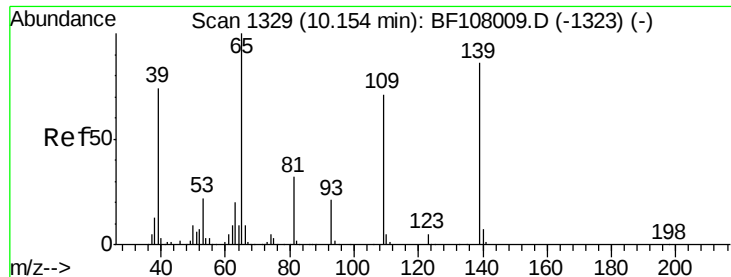
Tgt Ion:184 Resp: 199749
Ion Ratio Lower Upper
184 100
63 59.1 54.2 81.2
154 60.8 184.0 276.0#



#54
Dibenzofuran
Concen: 47.602 ng
RT: 10.28 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Tgt Ion:168 Resp: 1402439
Ion Ratio Lower Upper
168 100
139 39.8 30.1 45.1
169 14.8 10.9 16.3

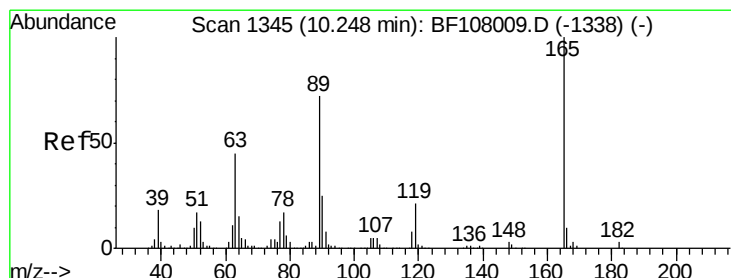
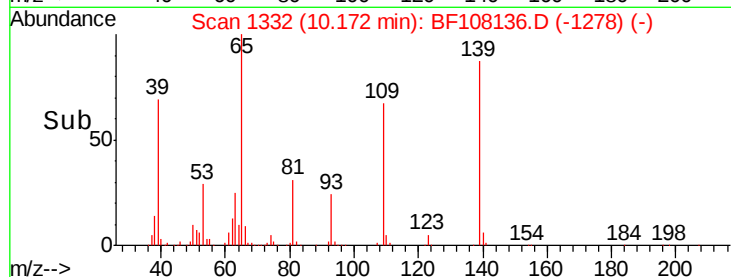
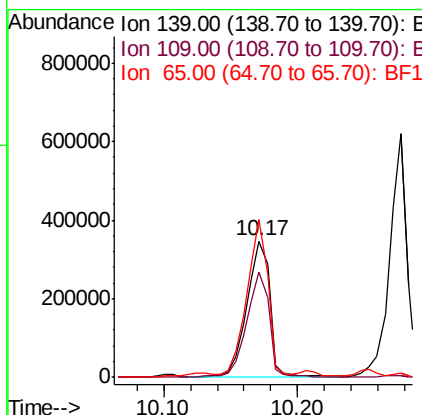
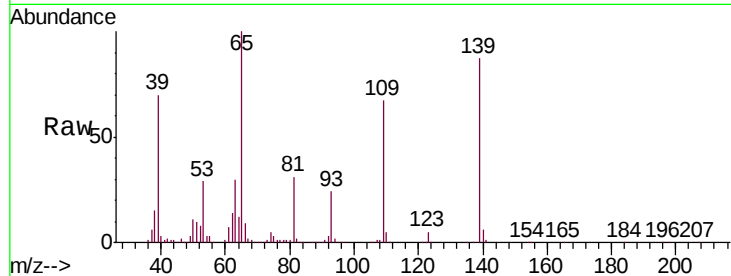




#55
4-Nitrophenol
Concen: 93.791 ng
RT: 10.17 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

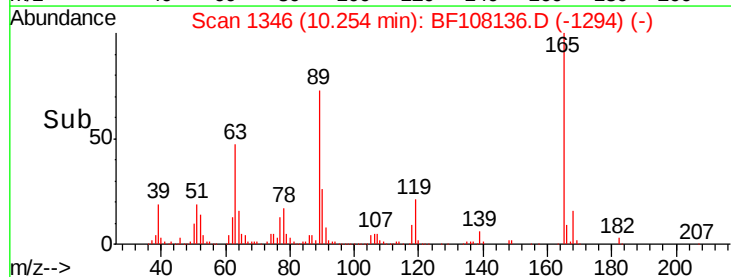
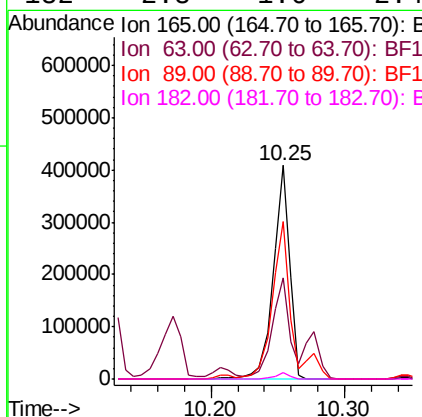
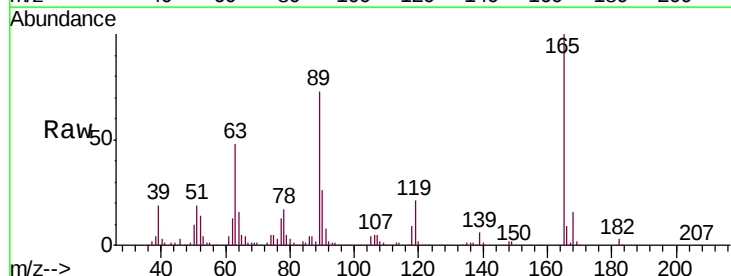
Instrument :
BNA_F
ClientSampleId :
PB111926BS

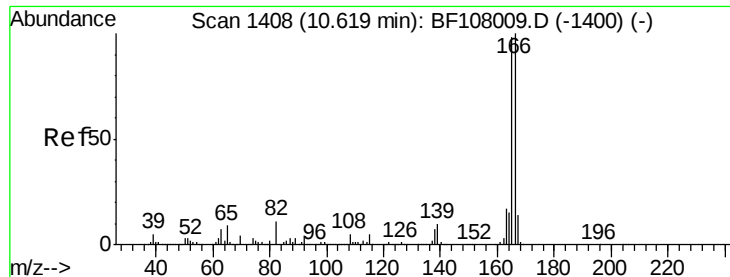
Tgt Ion:139 Resp: 408147
Ion Ratio Lower Upper
139 100
109 77.2 48.4 88.4
65 115.3 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 52.033 ng
RT: 10.25 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Tgt Ion:165 Resp: 351784
Ion Ratio Lower Upper
165 100
63 47.5 36.4 54.6
89 73.5 57.8 86.6
182 2.8 1.6 2.4#

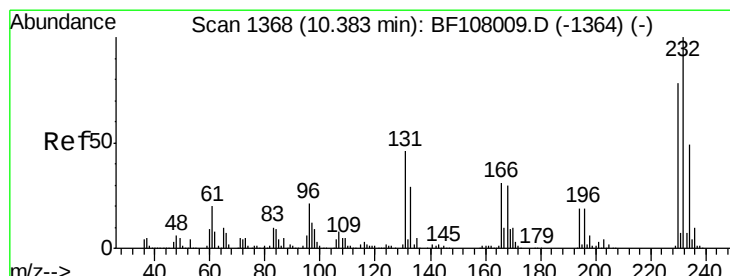
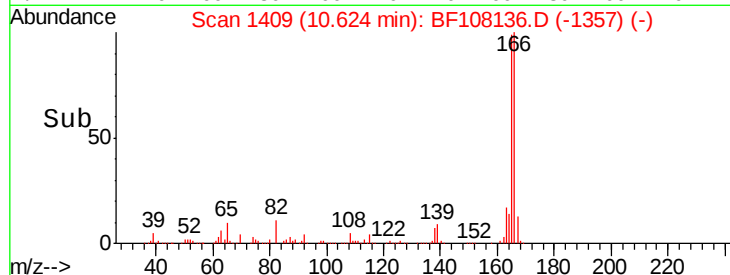
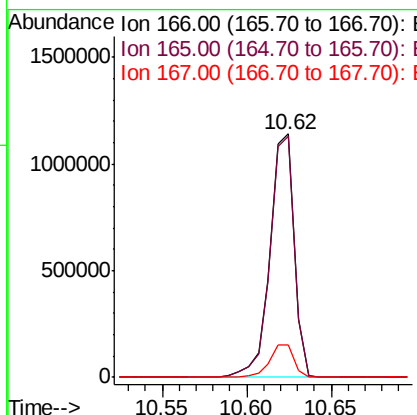
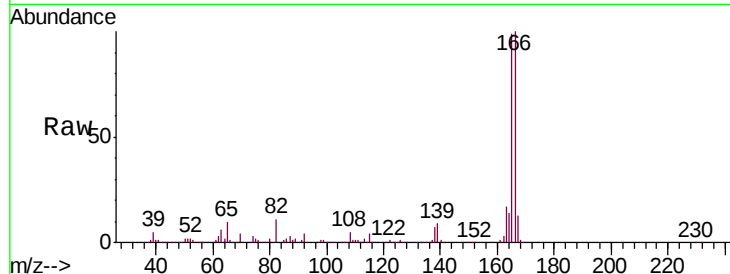




#57
 Fluorene
 Concen: 47.923 ng
 RT: 10.62 min Scan# 1409
 Delta R.T. 0.01 min
 Lab File: BF108136.D
 Acq: 14 Aug 2018 11:22

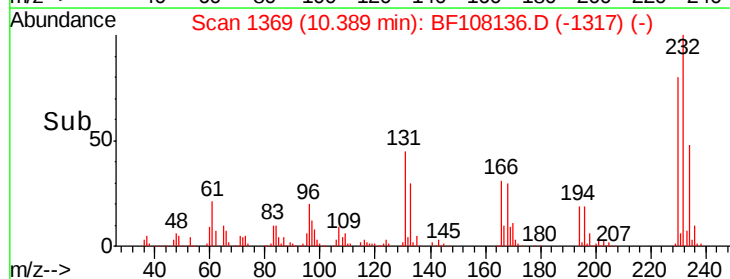
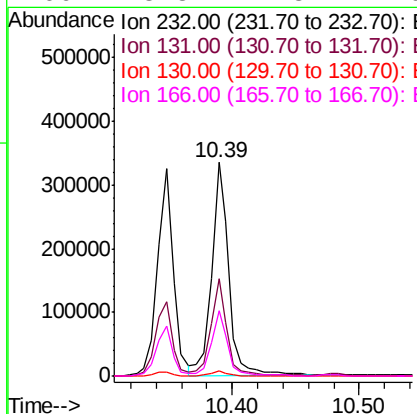
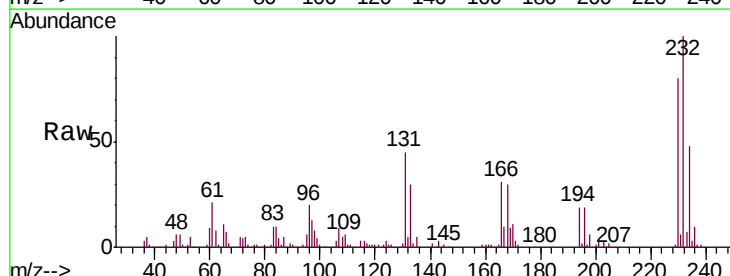
Instrument :
 BNA_F
 ClientSampleId :
 PB111926BS

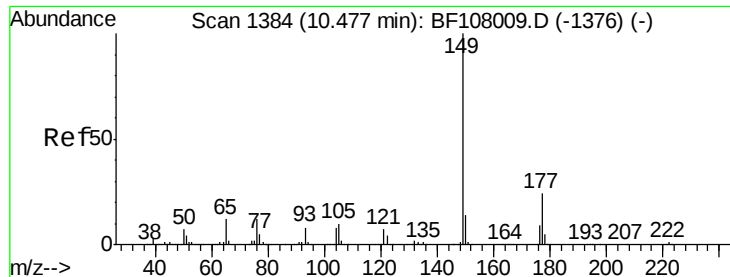
Tgt Ion:	166	Resp:	1117682
Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.8	119.8
167	13.5	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.483 ng
 RT: 10.39 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: BF108136.D
 Acq: 14 Aug 2018 11:22

Tgt Ion:	232	Resp:	319004
Ion	Ratio	Lower	Upper
232	100		
131	43.6	43.8	65.8#
130	2.2	2.1	3.1
166	28.8	27.8	41.6





#59

Diethylphthalate

Concen: 46.713 ng

RT: 10.48 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

Instrument :

BNA_F

ClientSampleId :

PB111926BS

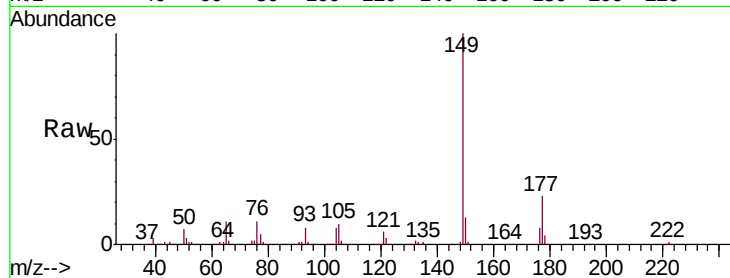
Tgt Ion:149 Resp: 1135562

Ion Ratio Lower Upper

149 100

177 22.8 16.1 24.1

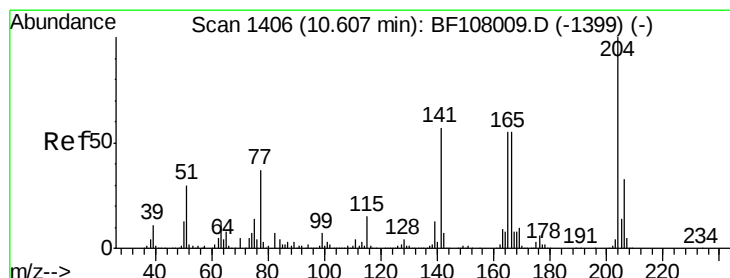
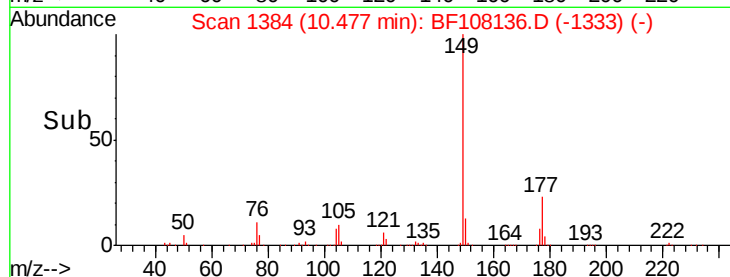
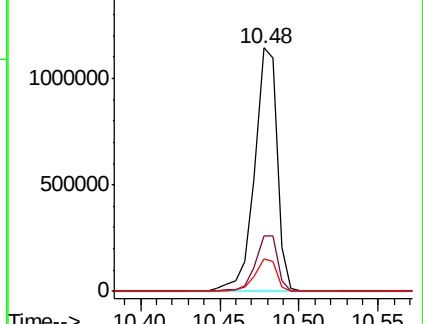
150 13.2 10.1 15.1



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



#60

4-Chlorophenyl-phenylether

Concen: 47.587 ng

RT: 10.61 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

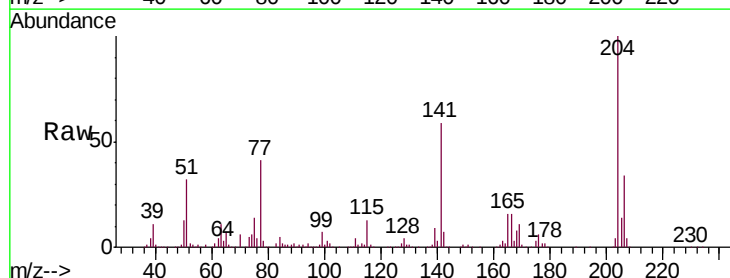
Tgt Ion:204 Resp: 578319

Ion Ratio Lower Upper

204 100

206 33.6 26.5 39.7

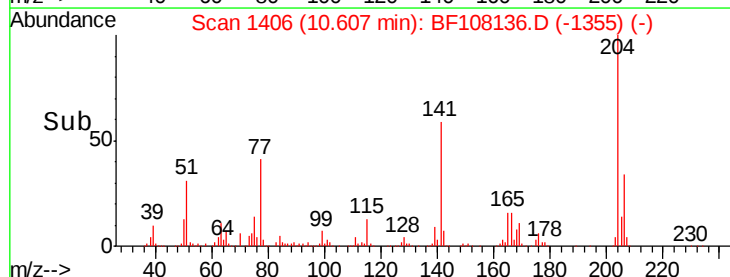
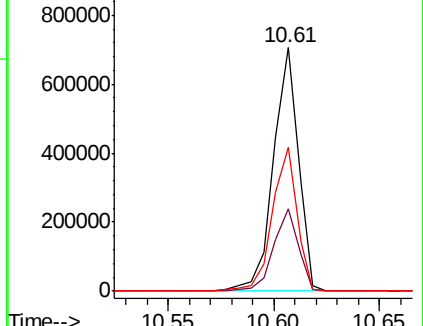
141 58.9 54.6 81.8

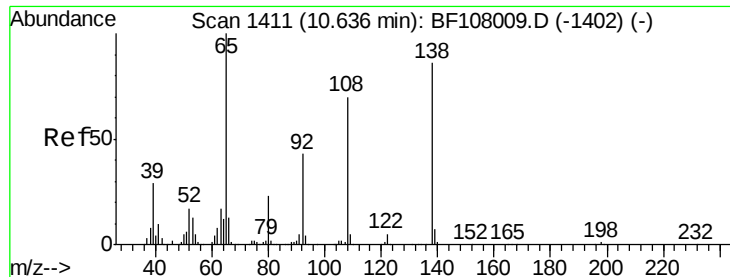


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

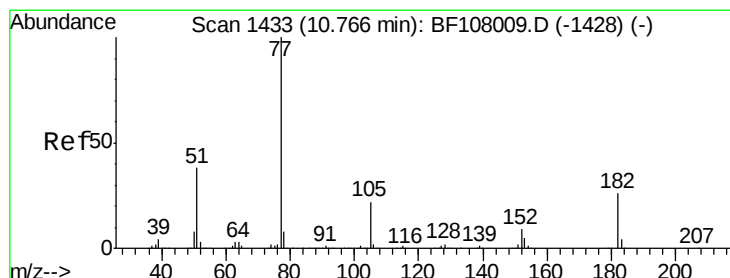
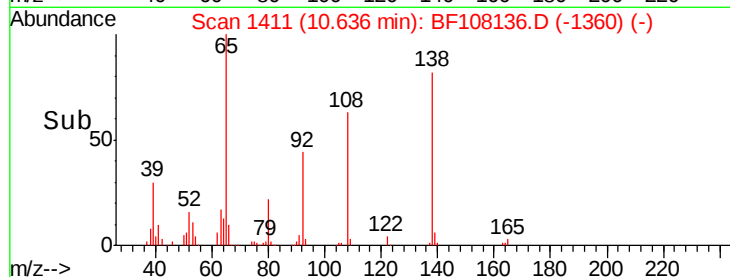
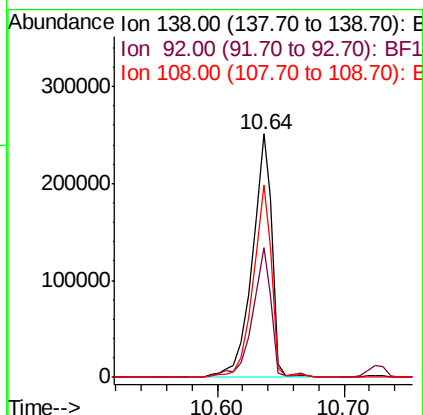
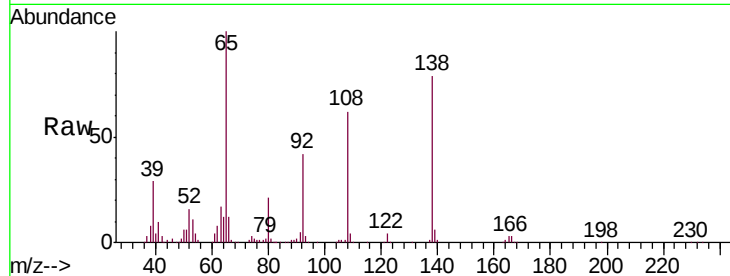




#61
4-Nitroaniline
Concen: 48.026 ng
RT: 10.64 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

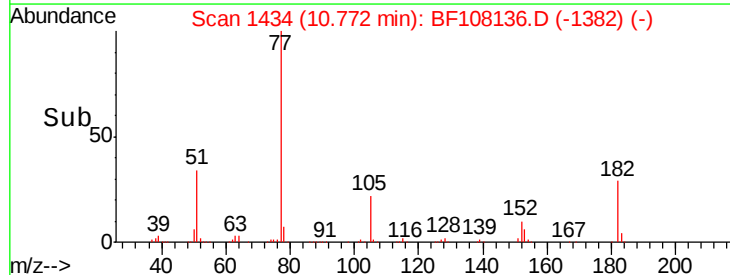
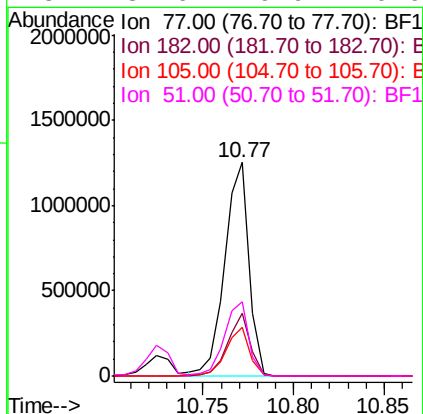
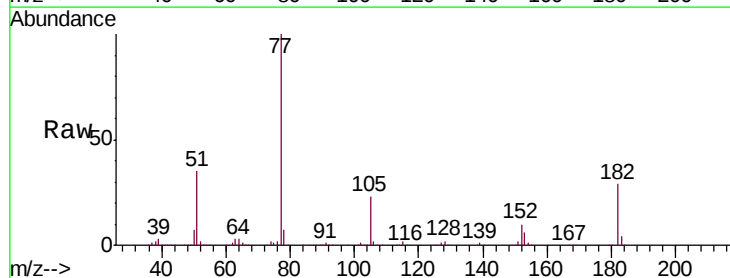
Instrument :
BNA_F
ClientSampleId :
PB111926BS

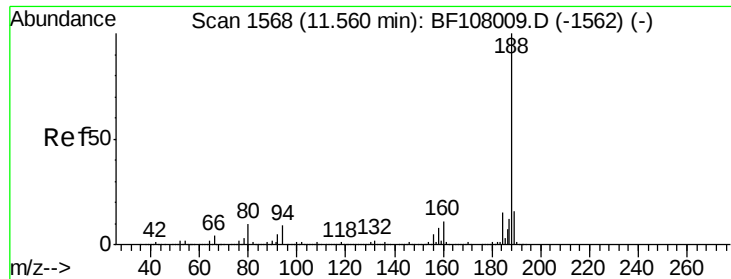
Tgt Ion: 138 Resp: 272865
Ion Ratio Lower Upper
138 100
92 53.5 30.2 70.2
108 79.0 52.5 92.5



#62
Azobenzene
Concen: 46.267 ng
RT: 10.77 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Tgt Ion: 77 Resp: 1161525
Ion Ratio Lower Upper
77 100
182 29.1 1.7 41.7
105 22.6 3.0 43.0
51 34.6 9.9 49.9

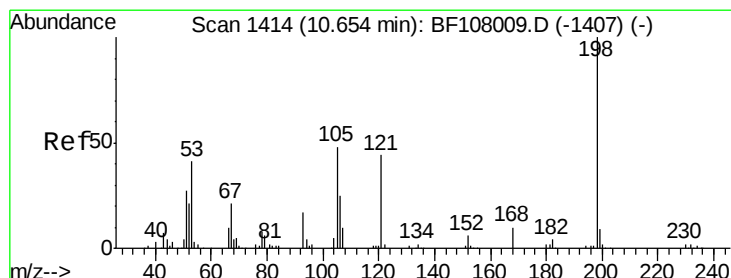
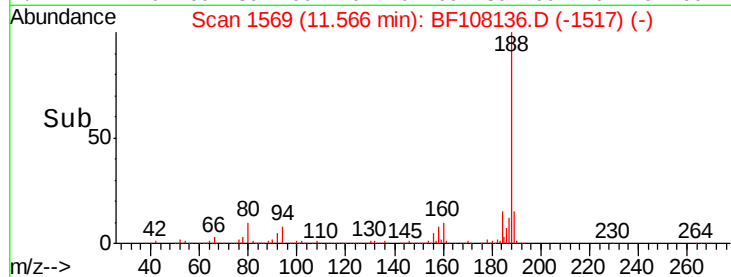
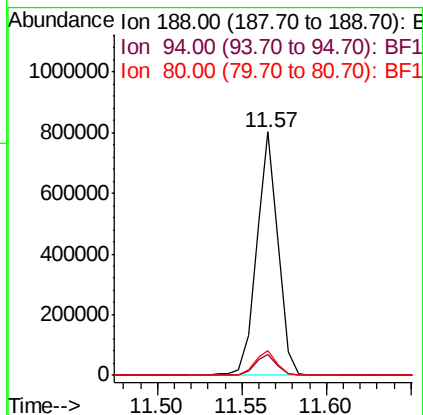
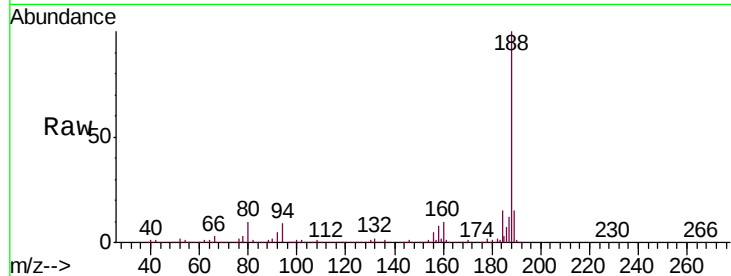




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.57 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

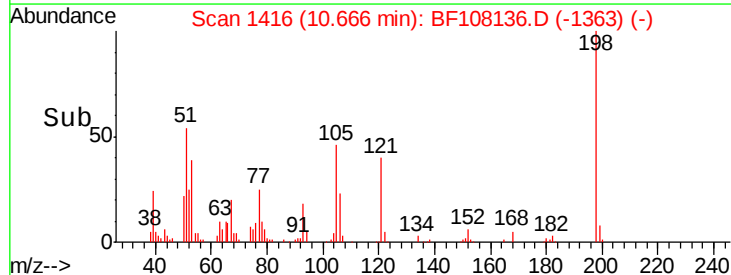
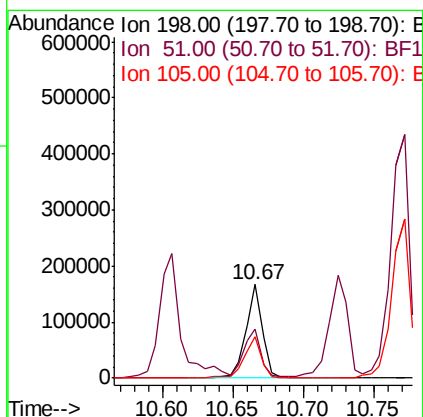
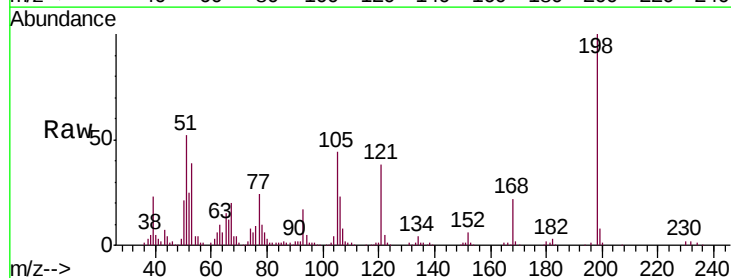
Instrument :
BNA_F
ClientSampleId :
PB111926BS

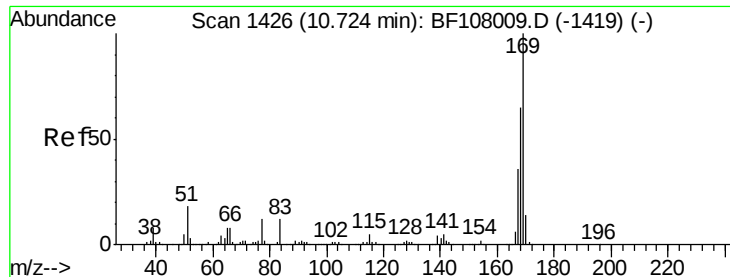
Tgt Ion:188 Resp: 705641
Ion Ratio Lower Upper
188 100
94 8.6 8.5 12.7
80 9.9 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 51.121 ng
RT: 10.67 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Tgt Ion:198 Resp: 136470
Ion Ratio Lower Upper
198 100
51 52.3 37.7 77.7
105 44.3 36.3 76.3

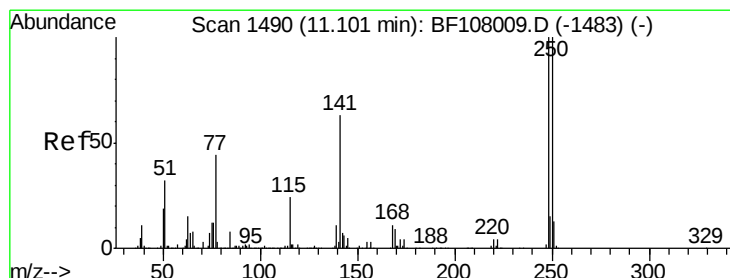
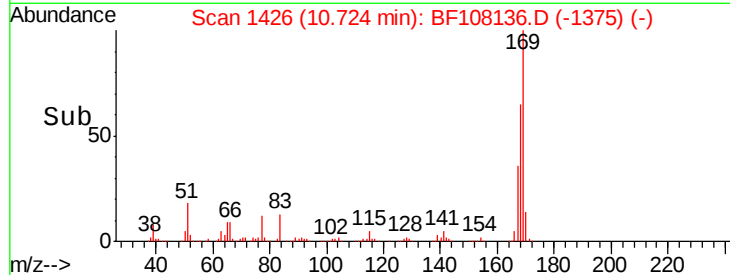
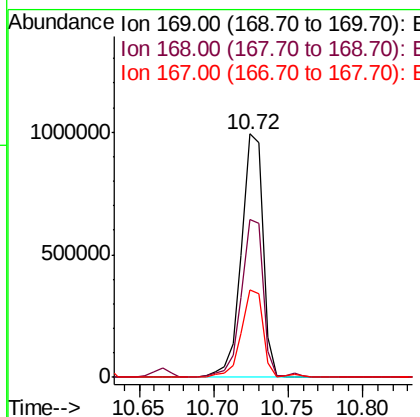
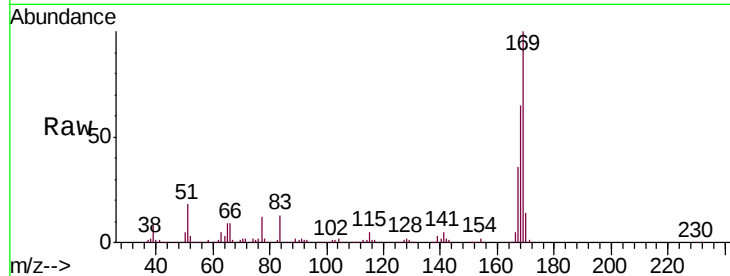




#65
 n-Nitrosodiphenylamine
 Concen: 48.093 ng
 RT: 10.72 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF108136.D
 Acq: 14 Aug 2018 11:22

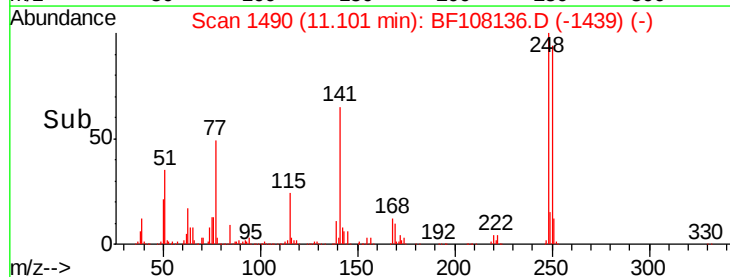
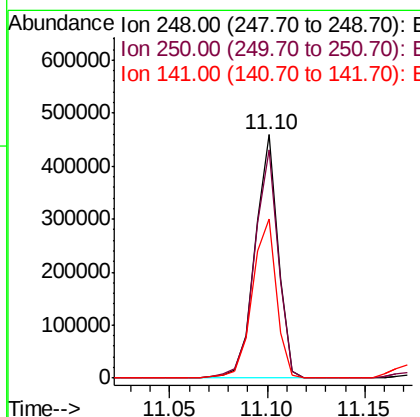
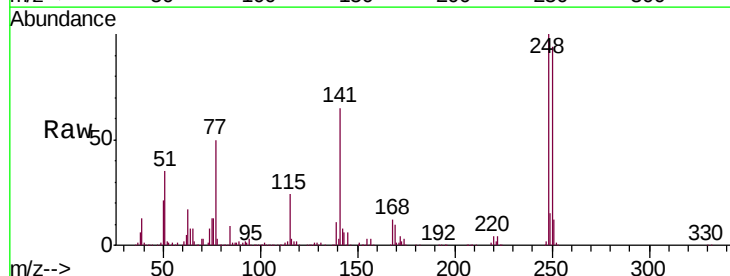
Instrument :
 BNA_F
 ClientSampleId :
 PB111926BS

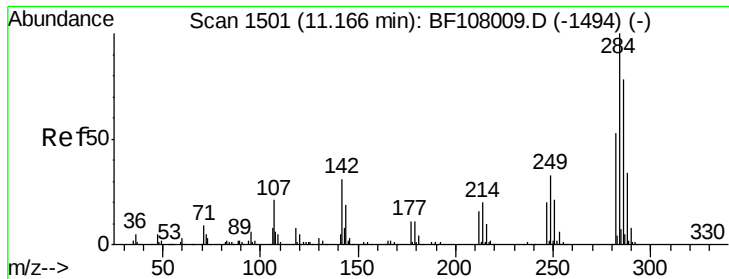
Tgt Ion:169 Resp: 1002844
 Ion Ratio Lower Upper
 169 100
 168 64.7 54.4 81.6
 167 35.9 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 48.820 ng
 RT: 11.10 min Scan# 1490
 Delta R.T. 0.00 min
 Lab File: BF108136.D
 Acq: 14 Aug 2018 11:22

Tgt Ion:248 Resp: 374373
 Ion Ratio Lower Upper
 248 100
 250 93.9 76.9 115.3
 141 65.4 74.4 111.6#

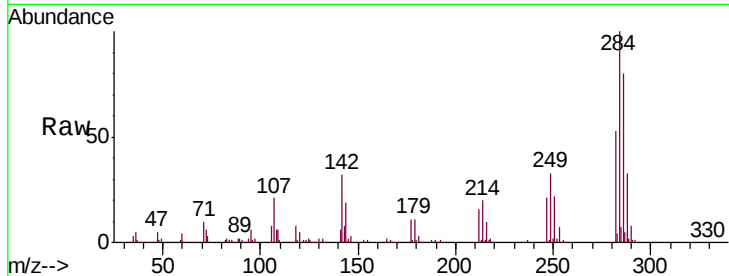




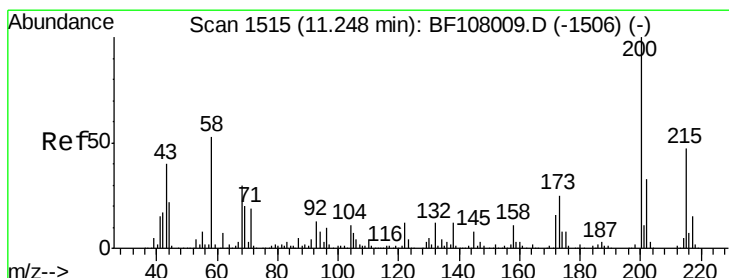
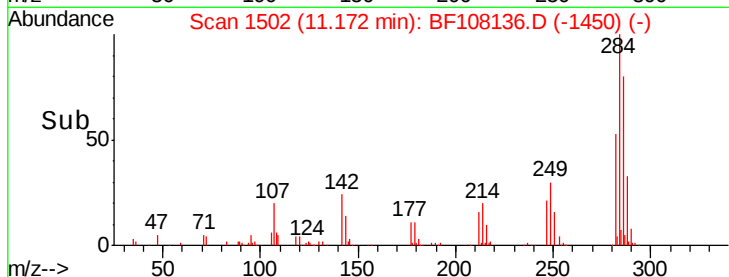
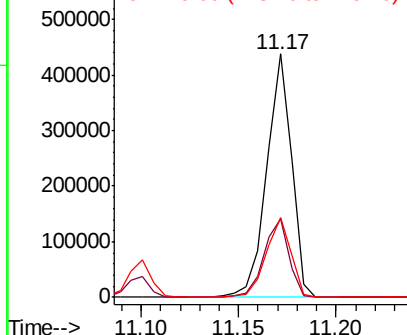
#67
Hexachlorobenzene
Concen: 47.775 ng
RT: 11.17 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Instrument :
BNA_F
ClientSampleId :
PB111926BS

Tgt Ion:284 Resp: 385467
Ion Ratio Lower Upper
284 100
142 32.0 34.6 52.0#
249 32.8 24.8 37.2

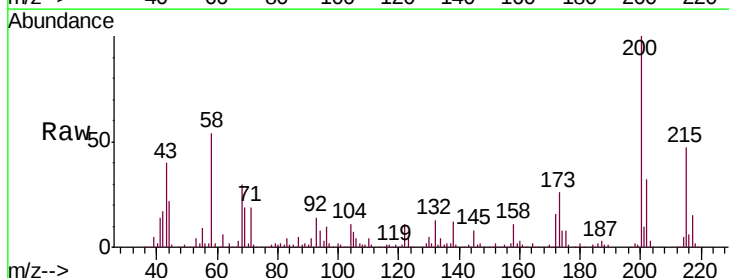


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

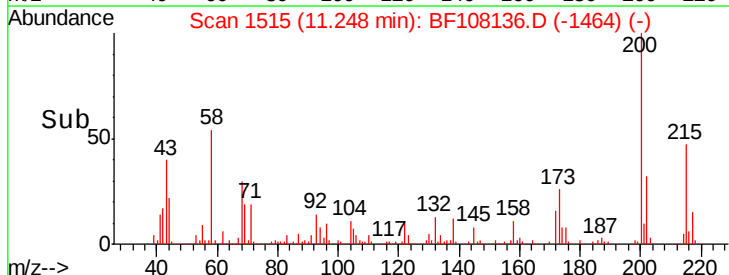
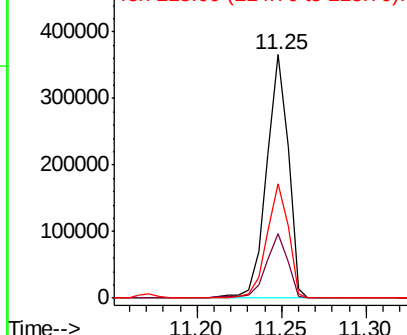


#68
Atrazine
Concen: 46.271 ng
RT: 11.25 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Tgt Ion:200 Resp: 323620
Ion Ratio Lower Upper
200 100
173 26.3 8.6 48.6
215 47.0 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

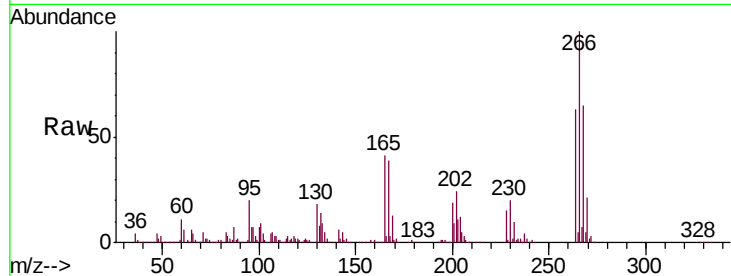




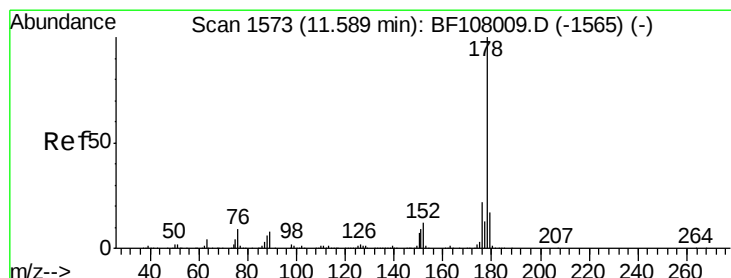
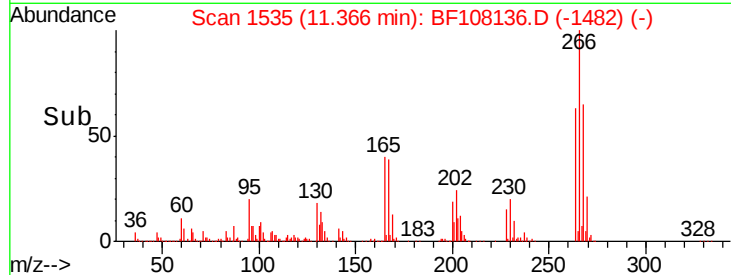
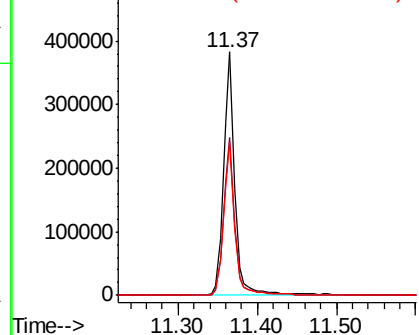
#69
 Pentachlorophenol
 Concen: 98.017 ng
 RT: 11.37 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: BF108136.D
 Acq: 14 Aug 2018 11:22

Instrument :
 BNA_F
 ClientSampleId :
 PB111926BS

Tgt Ion: 266 Resp: 378531
 Ion Ratio Lower Upper
 266 100
 268 65.1 51.1 76.7
 264 62.8 49.5 74.3

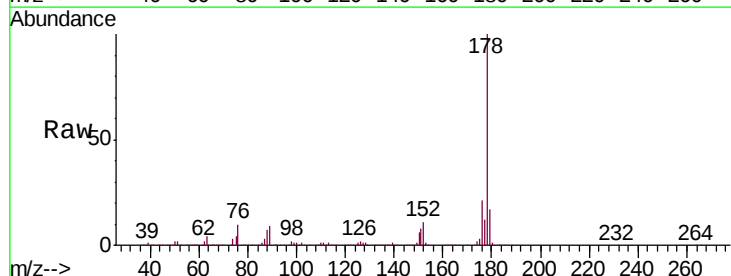


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

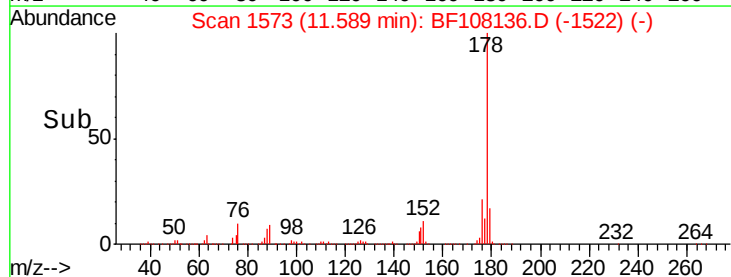
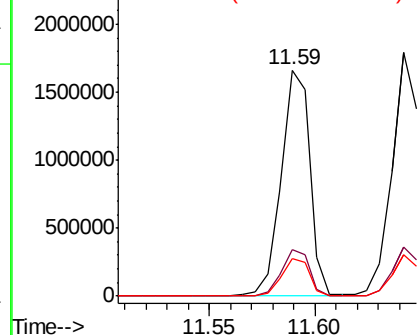


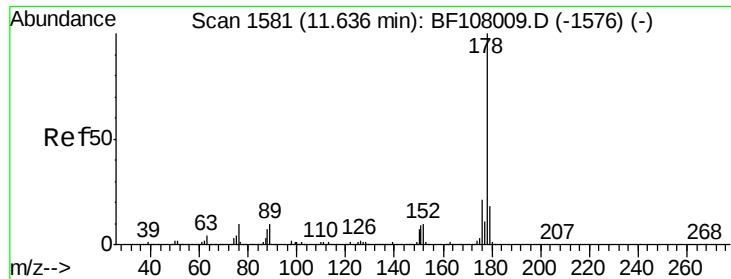
#70
 Phenanthrene
 Concen: 47.414 ng
 RT: 11.59 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF108136.D
 Acq: 14 Aug 2018 11:22

Tgt Ion: 178 Resp: 1578056
 Ion Ratio Lower Upper
 178 100
 176 20.7 15.8 23.8
 179 16.7 13.0 19.6



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

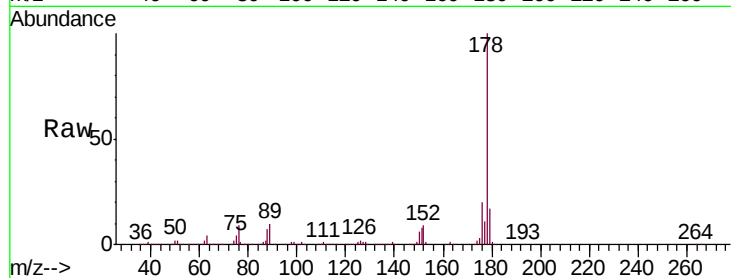




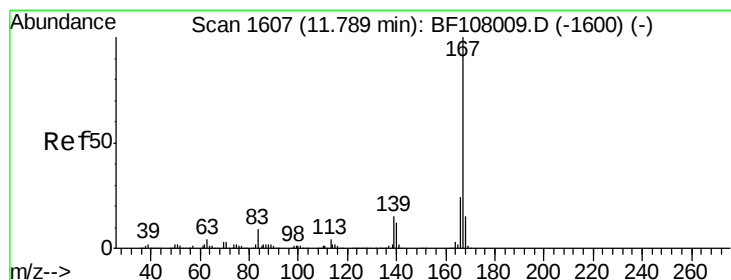
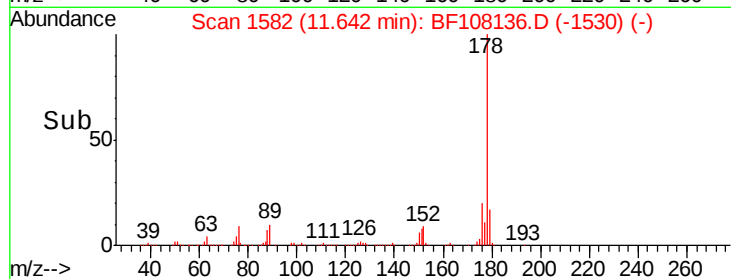
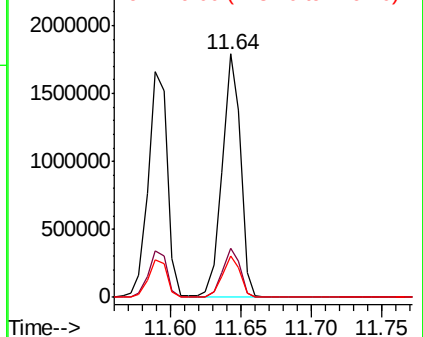
#71
 Anthracene
 Concen: 47.441 ng
 RT: 11.64 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: BF108136.D
 Acq: 14 Aug 2018 11:22

Instrument :
 BNA_F
 ClientSampleId :
 PB111926BS

Tgt Ion:178 Resp: 1618336
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.4 23.2
 179 16.9 12.6 19.0

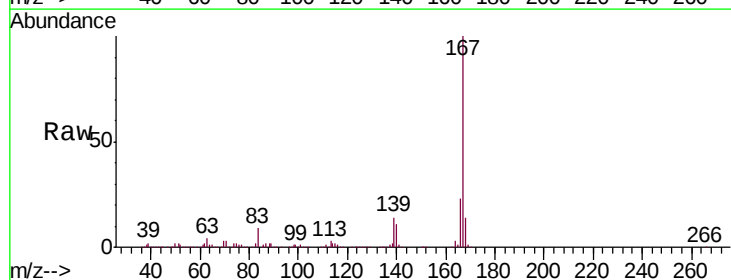


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

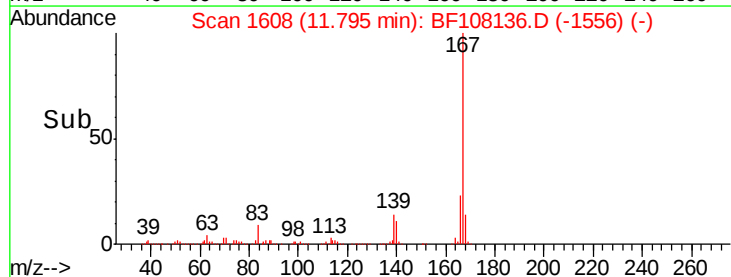
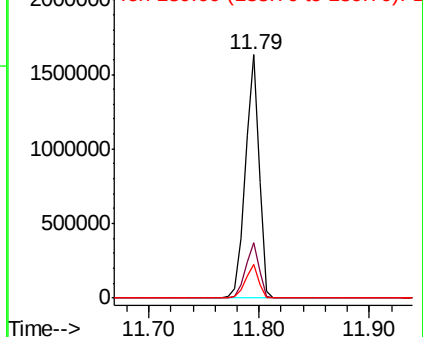


#72
 Carbazole
 Concen: 47.098 ng
 RT: 11.79 min Scan# 1608
 Delta R.T. 0.01 min
 Lab File: BF108136.D
 Acq: 14 Aug 2018 11:22

Tgt Ion:167 Resp: 1427448
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.6 26.4
 139 13.7 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 48.874 ng

RT: 12.11 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

Instrument :

BNA_F

ClientSampleId :

PB111926BS

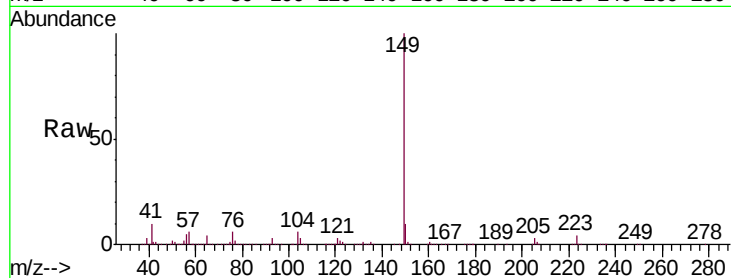
Tgt Ion:149 Resp: 1677807

Ion Ratio Lower Upper

149 100

150 10.2 7.8 11.6

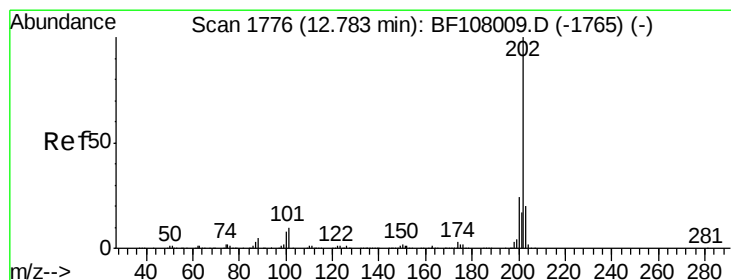
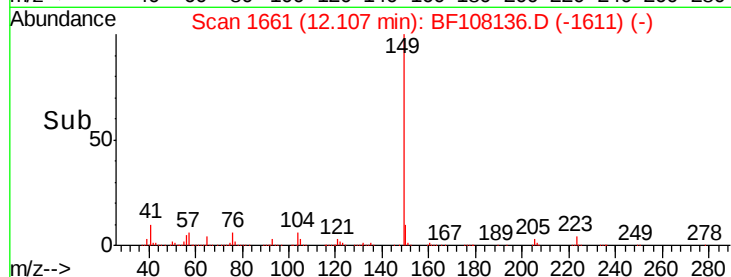
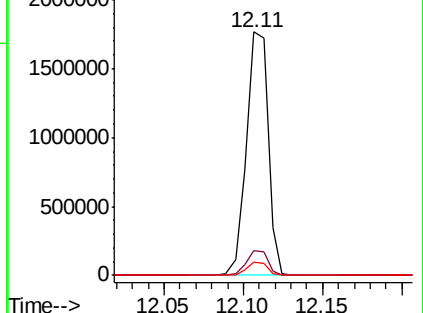
104 5.6 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 46.583 ng

RT: 12.79 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

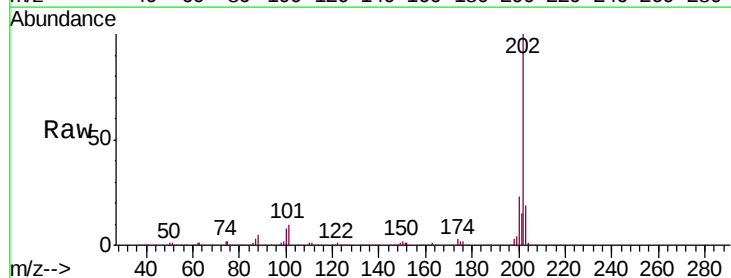
Tgt Ion:202 Resp: 1692084

Ion Ratio Lower Upper

202 100

101 10.4 0.0 34.1

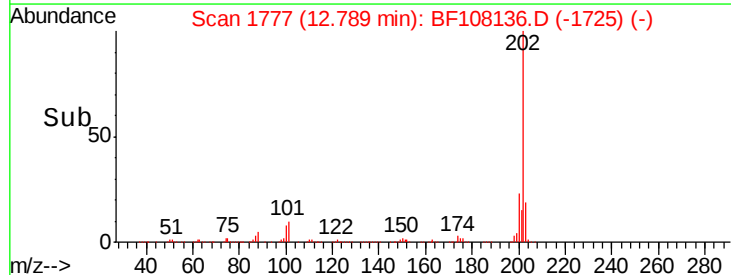
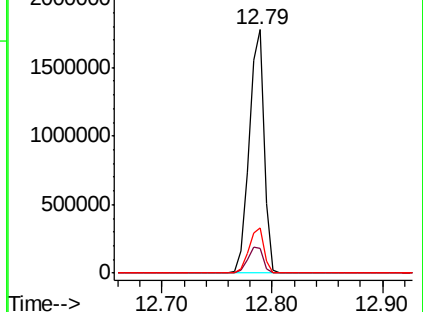
203 18.7 0.0 38.1

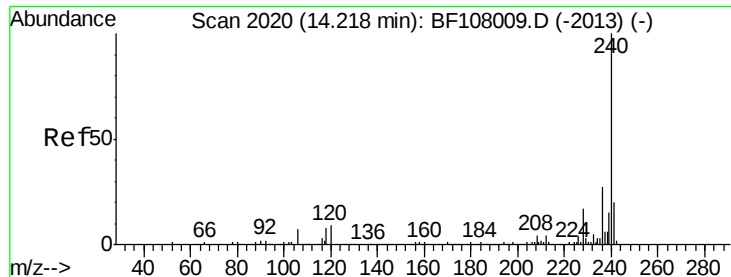


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.22 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

Instrument :

BNA_F

ClientSampleId :

PB111926BS

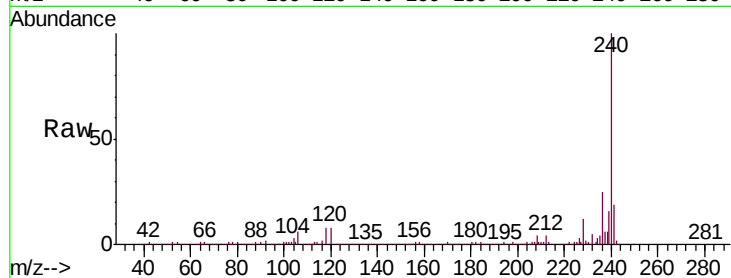
Tgt Ion:240 Resp: 505658

Ion Ratio Lower Upper

240 100

120 8.3 9.5 14.3#

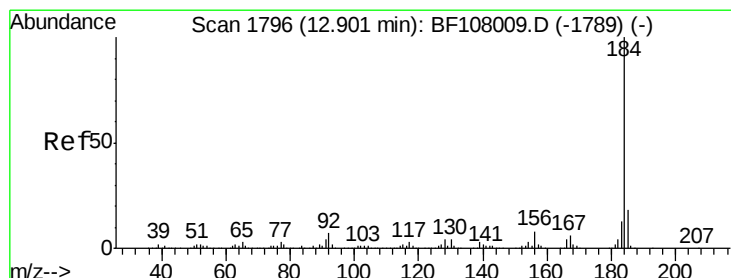
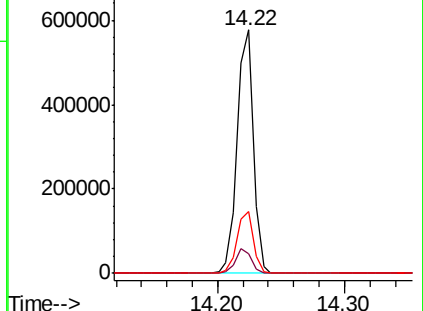
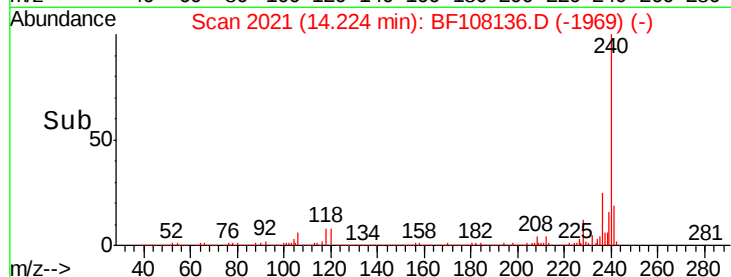
236 25.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 39.602 ng

RT: 12.90 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

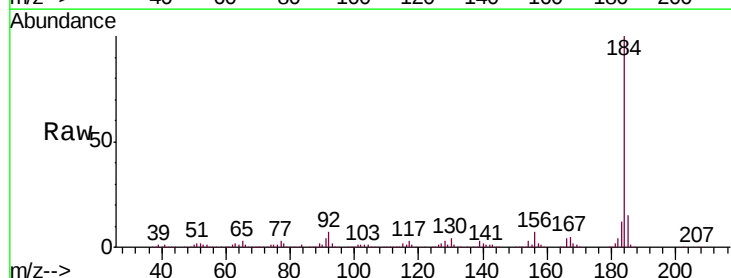
Tgt Ion:184 Resp: 748177

Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

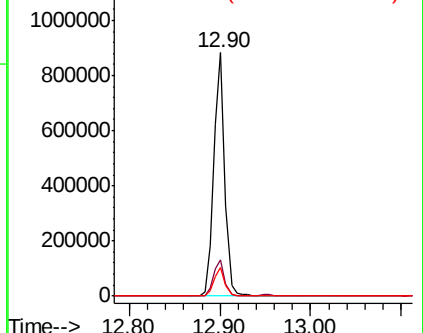
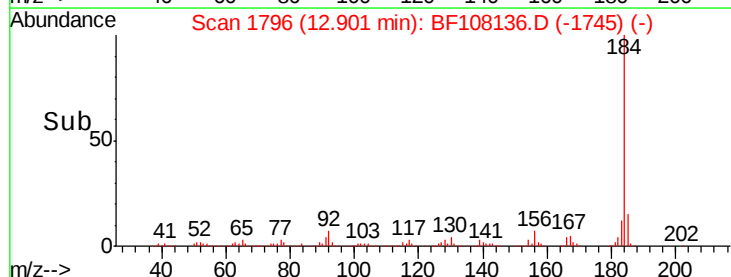
183 11.9 9.3 13.9



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





#77

Pyrene

Concen: 52.022 ng

RT: 13.02 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

Instrument :

BNA_F

ClientSampleId :

PB111926BS

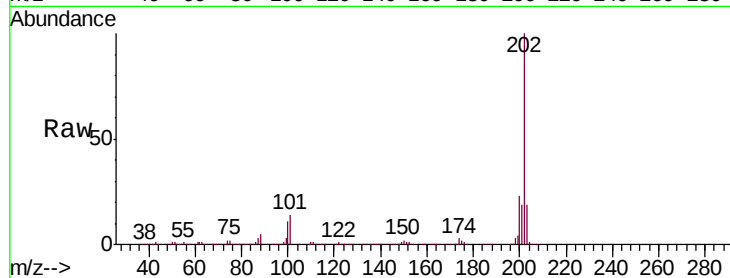
Tgt Ion:202 Resp: 1665397

Ion Ratio Lower Upper

202 100

200 23.0 17.4 26.2

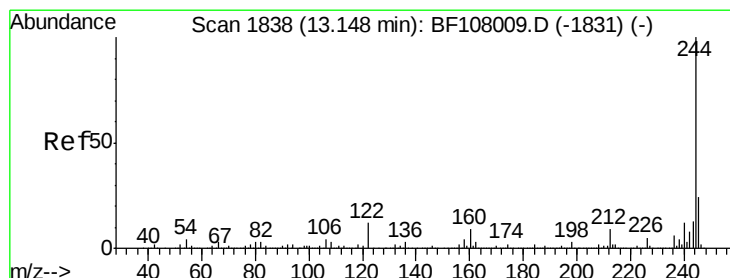
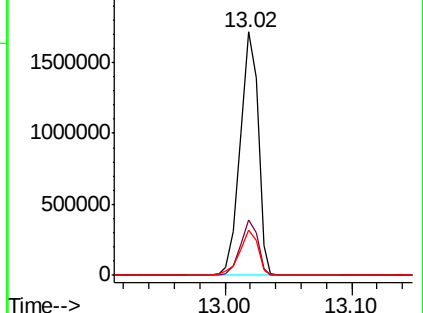
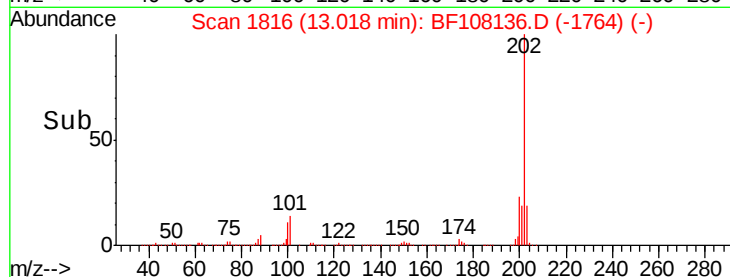
203 18.5 14.3 21.5



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



#78

Terphenyl-d14

Concen: 114.528 ng

RT: 13.15 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

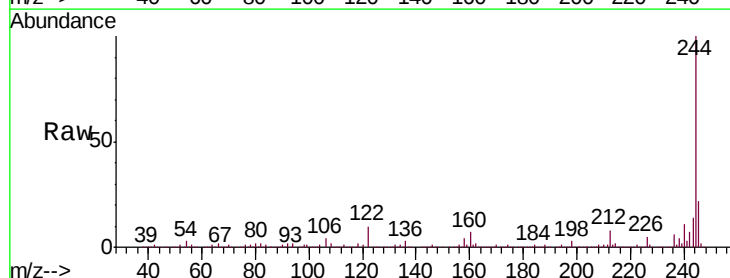
Tgt Ion:244 Resp: 2277694

Ion Ratio Lower Upper

244 100

212 7.9 5.4 8.0

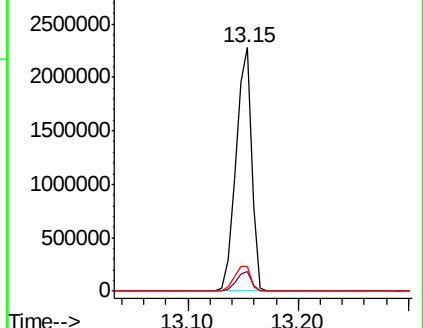
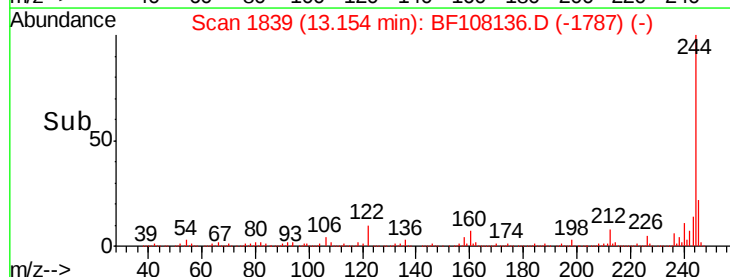
122 10.4 11.0 16.4#

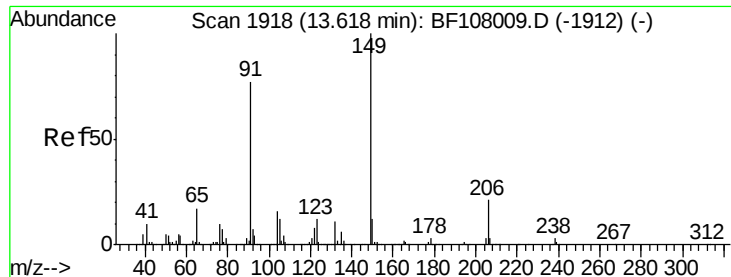


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

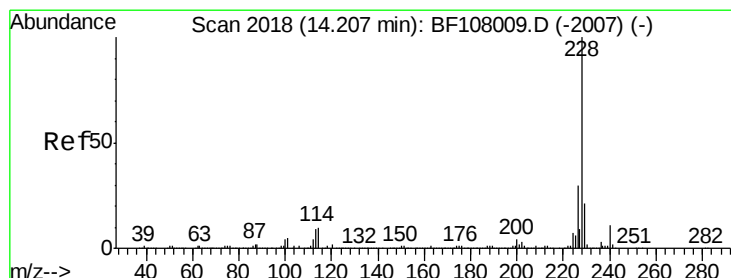
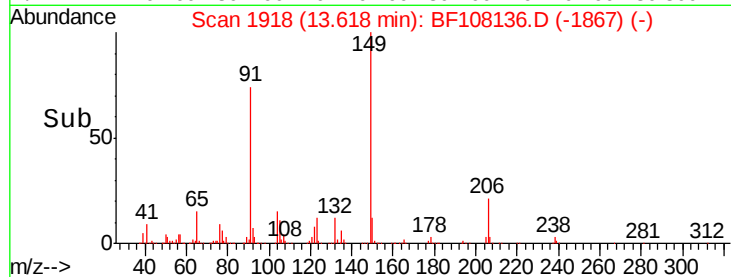
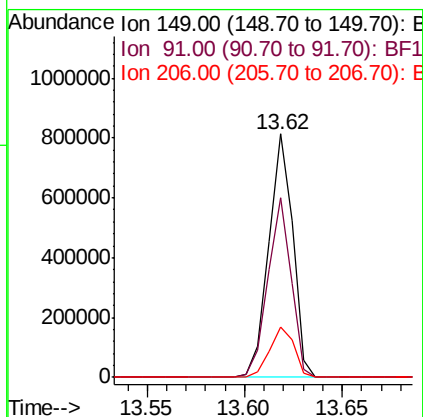
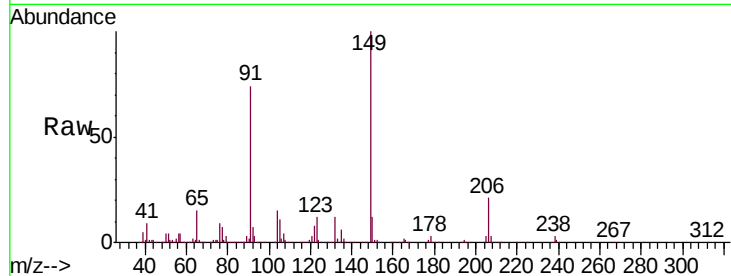




#79
Butylbenzylphthalate
Concen: 54.469 ng
RT: 13.62 min Scan# 1918
Delta R.T. 0.00 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

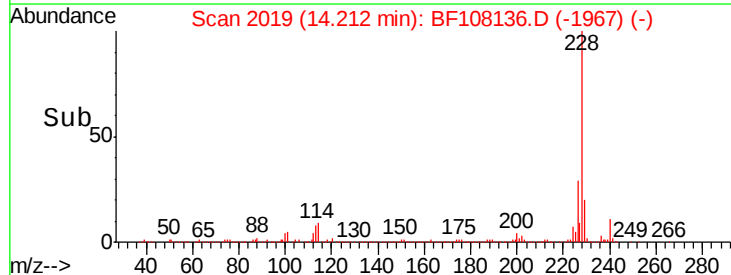
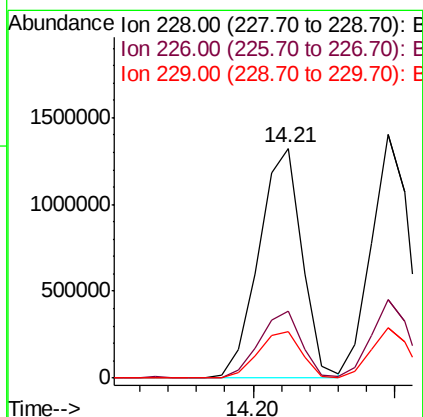
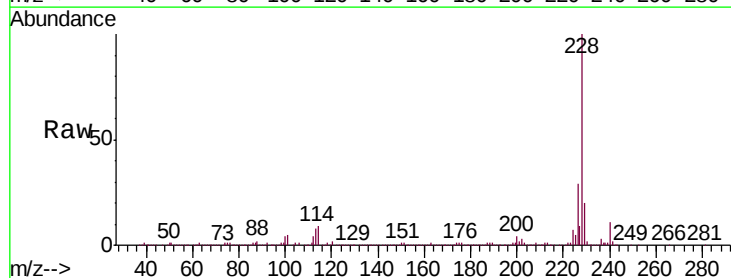
Instrument :
BNA_F
ClientSampleId :
PB111926BS

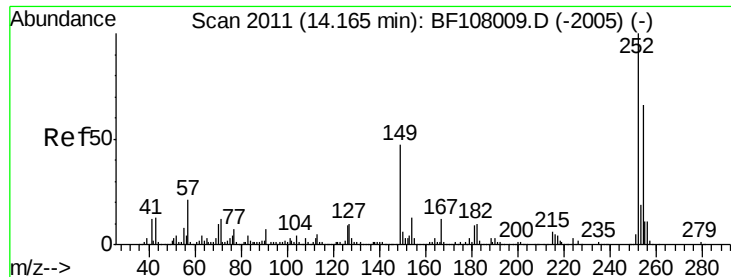
Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.5	56.8	85.2
206	20.9	14.1	21.1



#80
Benzo(a)anthracene
Concen: 48.262 ng
RT: 14.21 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	20.5	15.8	23.6

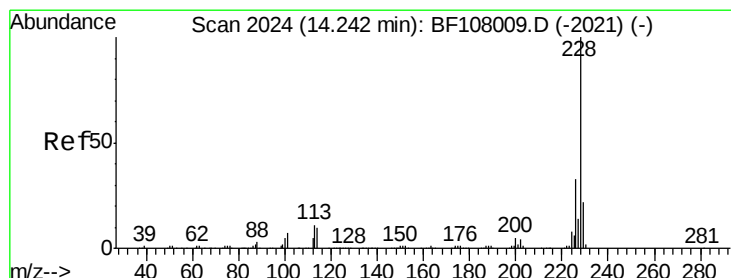
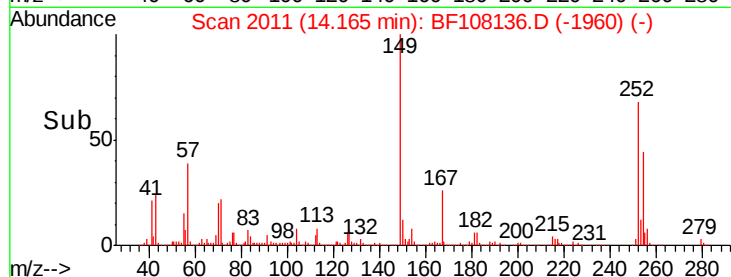
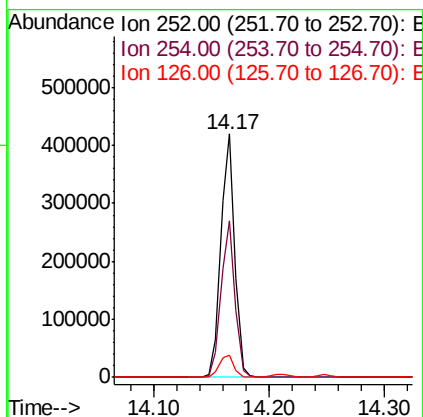
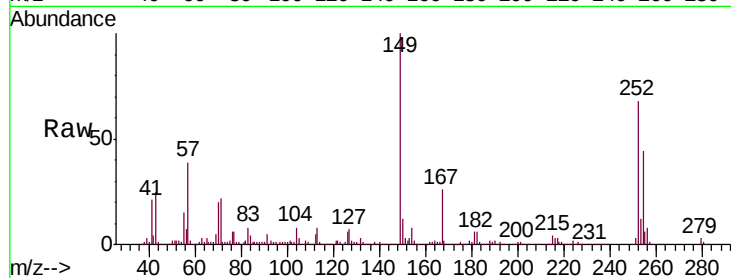




#81
 3,3'-Dichlorobenzidine
 Concen: 33.747 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF108136.D
 Acq: 14 Aug 2018 11:22

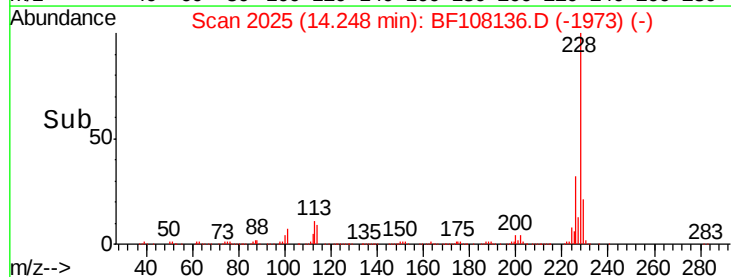
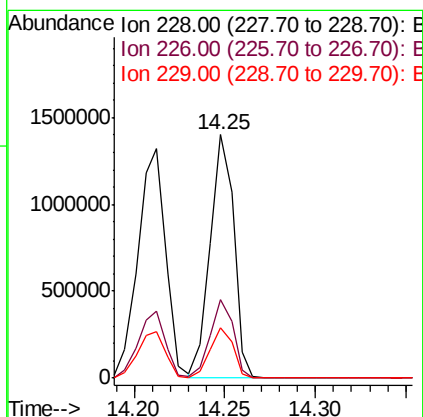
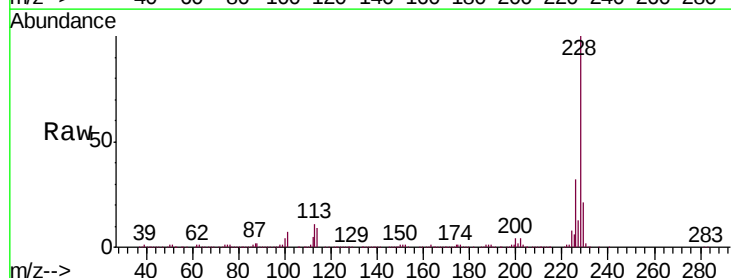
Instrument :
 BNA_F
 ClientSampleId :
 PB111926BS

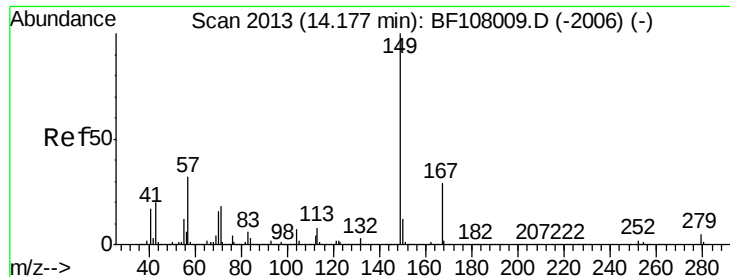
Tgt Ion:252 Resp: 350964
 Ion Ratio Lower Upper
 252 100
 254 64.1 50.4 75.6
 126 9.3 11.3 16.9#



#82
 Chrysene
 Concen: 47.840 ng
 RT: 14.25 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF108136.D
 Acq: 14 Aug 2018 11:22

Tgt Ion:228 Resp: 1272794
 Ion Ratio Lower Upper
 228 100
 226 32.0 25.0 37.6
 229 20.8 16.2 24.4

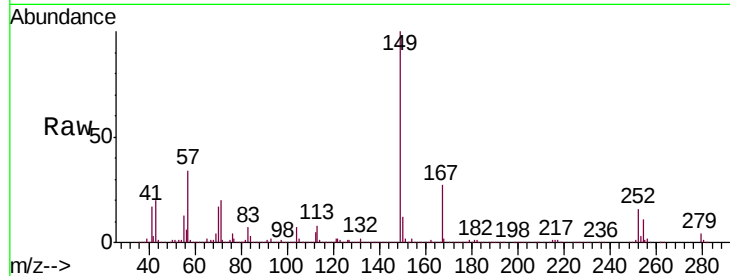




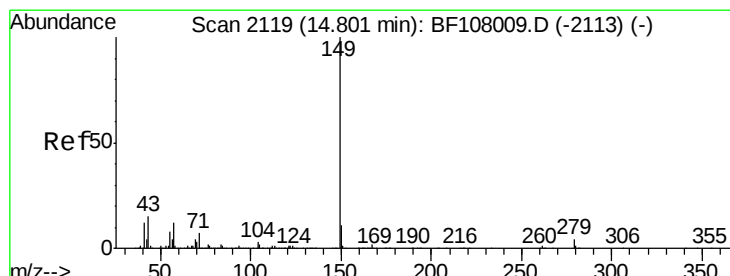
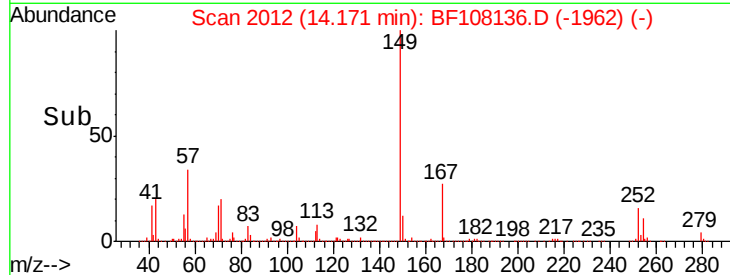
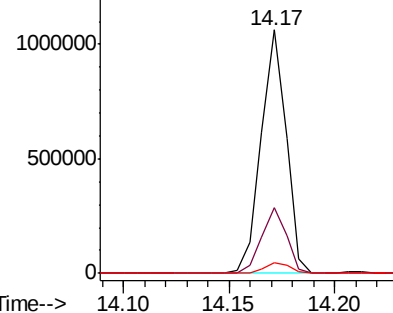
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.815 ng
 RT: 14.17 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF108136.D
 Acq: 14 Aug 2018 11:22

Instrument :
 BNA_F
 ClientSampleId :
 PB111926BS

Tgt Ion:149 Resp: 874743
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.3 31.9
 279 4.1 3.0 4.4

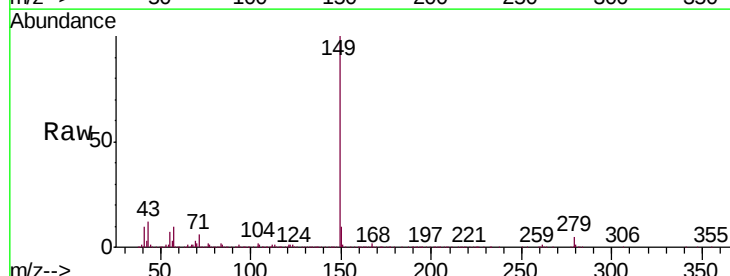


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

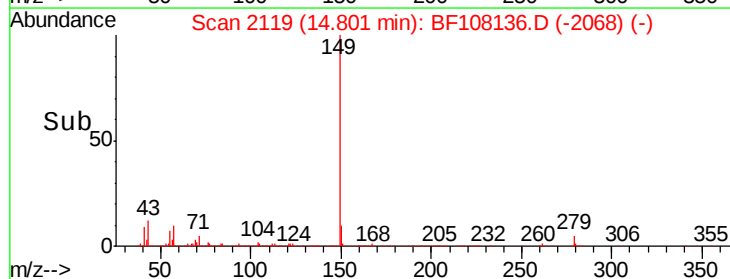
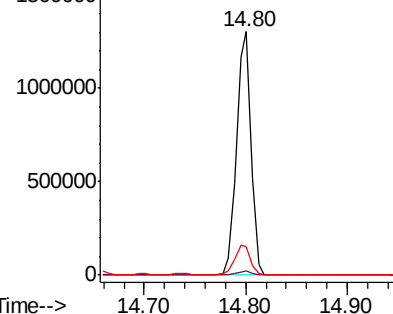


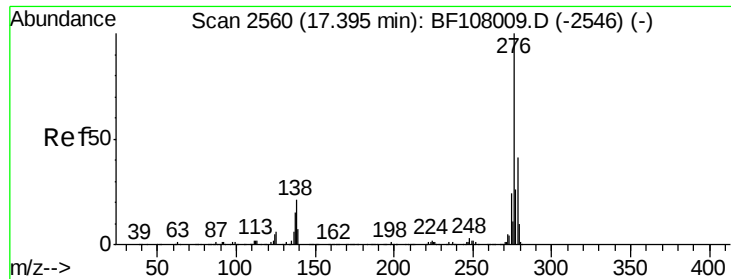
#84
 Di-n-octyl phthalate
 Concen: 49.022 ng
 RT: 14.80 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: BF108136.D
 Acq: 14 Aug 2018 11:22

Tgt Ion:149 Resp: 1286992
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 12.4 8.4 12.6



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

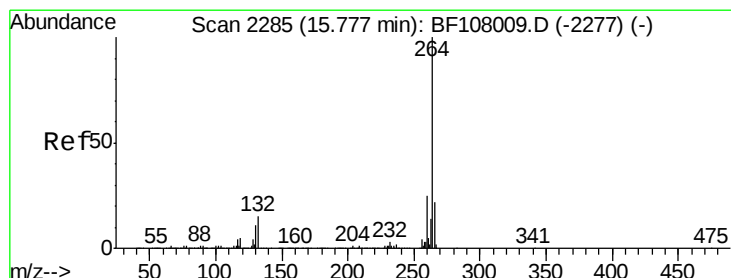
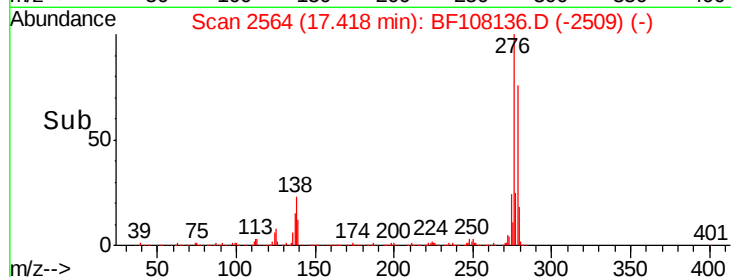
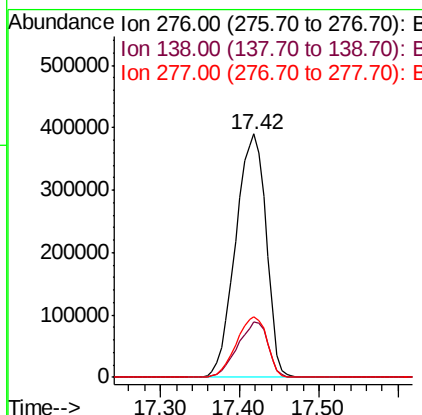
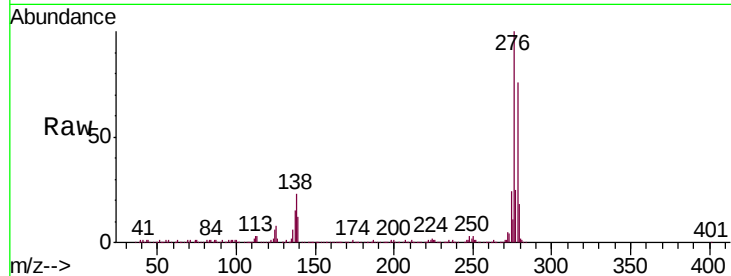




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.201 ng
 RT: 17.42 min Scan# 2564
 Delta R.T. 0.02 min
 Lab File: BF108136.D
 Acq: 14 Aug 2018 11:22

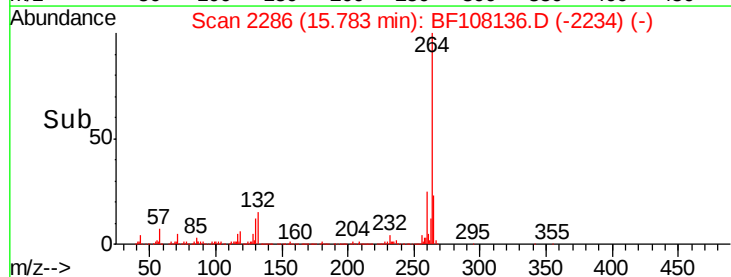
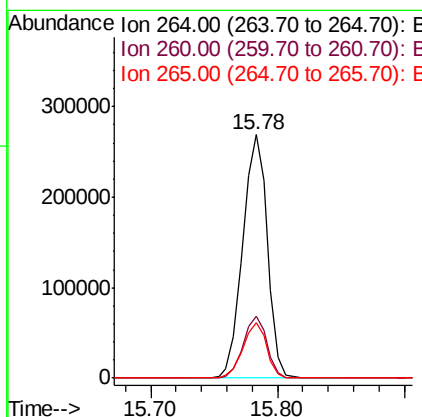
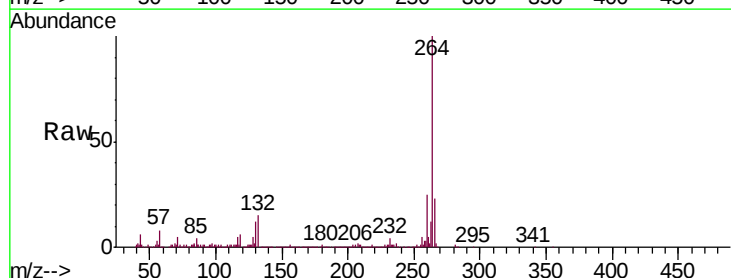
Instrument :
 BNA_F
 ClientSampleId :
 PB111926BS

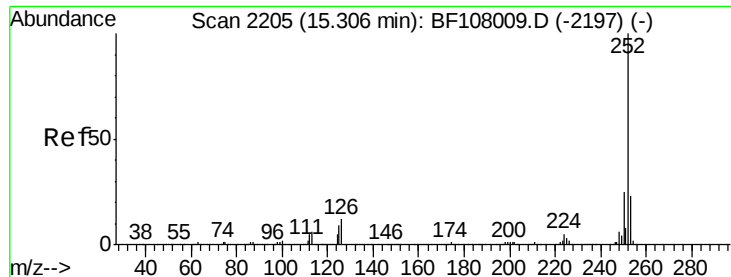
Tgt Ion:276 Resp: 1041988
 Ion Ratio Lower Upper
 276 100
 138 22.7 25.0 37.6#
 277 25.1 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.78 min Scan# 2286
 Delta R.T. 0.01 min
 Lab File: BF108136.D
 Acq: 14 Aug 2018 11:22

Tgt Ion:264 Resp: 361227
 Ion Ratio Lower Upper
 264 100
 260 25.4 19.2 28.8
 265 22.7 17.5 26.3

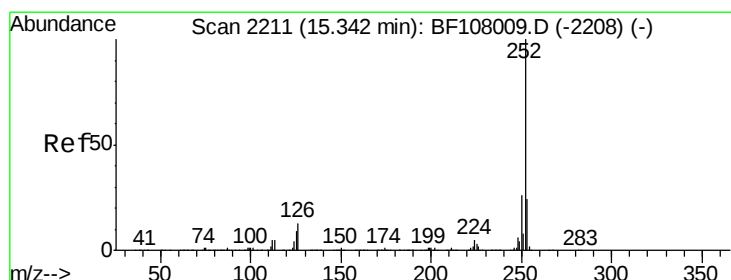
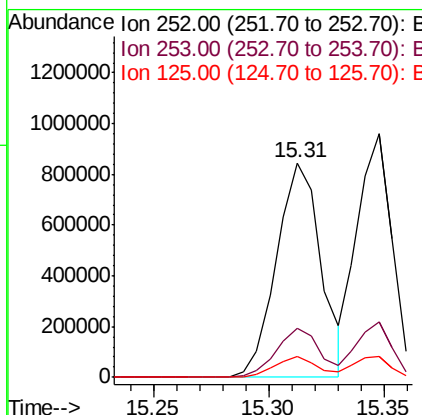
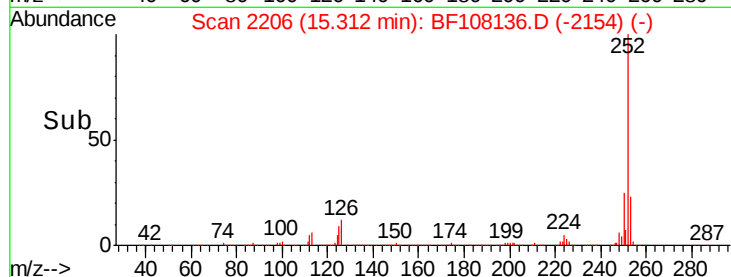
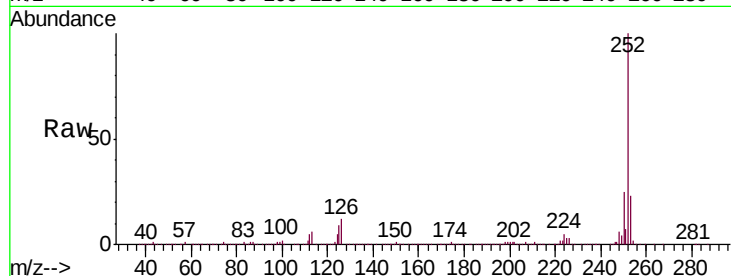




#87
Benzo(b)fluoranthene
Concen: 52.539 ng
RT: 15.31 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

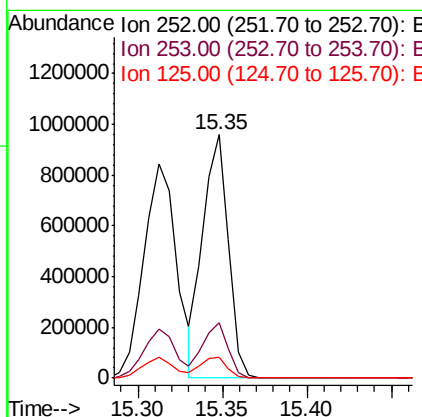
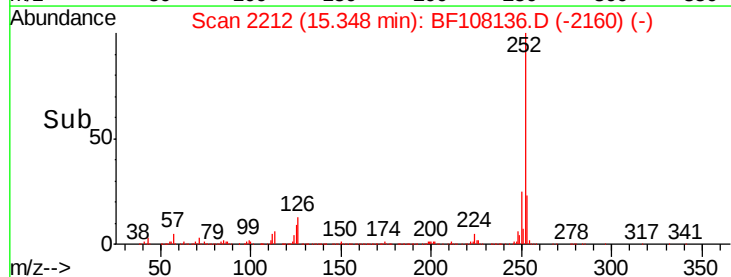
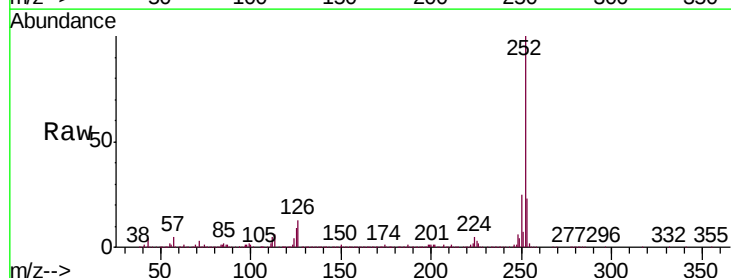
Instrument :
BNA_F
ClientSampleId :
PB111926BS

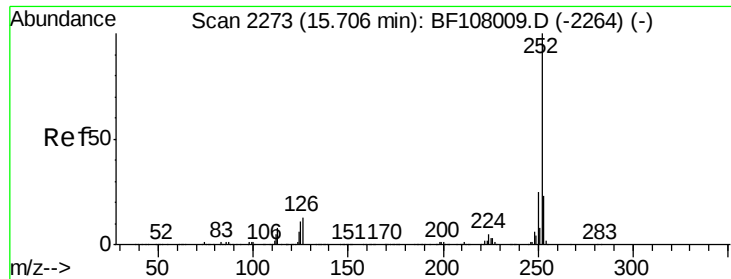
Tgt Ion:252 Resp: 1134043
Ion Ratio Lower Upper
252 100
253 23.0 17.0 25.6
125 9.4 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 50.917 ng
RT: 15.35 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Tgt Ion:252 Resp: 1010274
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 8.8 10.2 15.2#

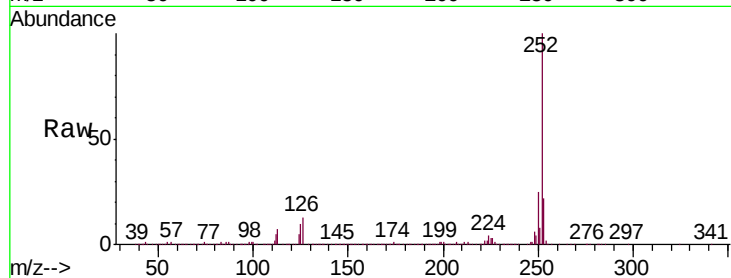




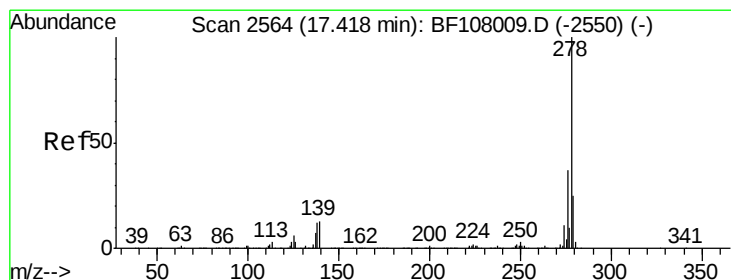
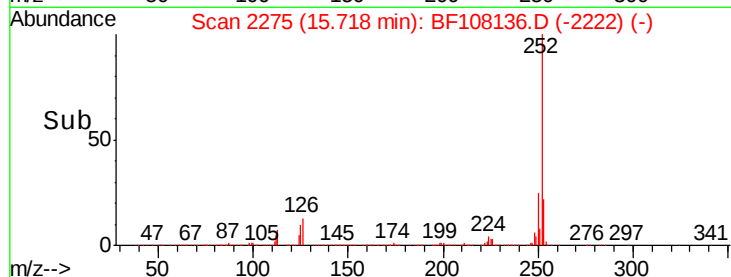
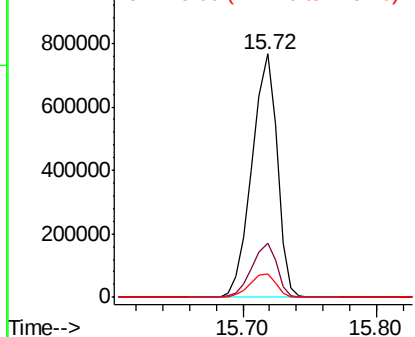
#89
Benzo(a)pyrene
Concen: 51.708 ng
RT: 15.72 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Instrument :
BNA_F
ClientSampleId :
PB111926BS

Tgt Ion:252 Resp: 999440
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 9.9 9.8 14.6

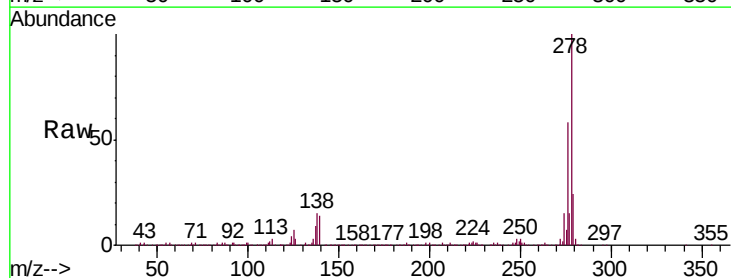


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

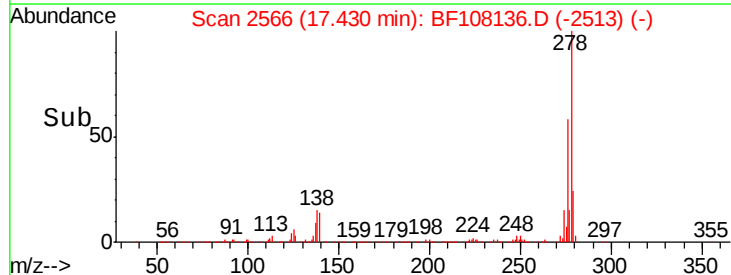
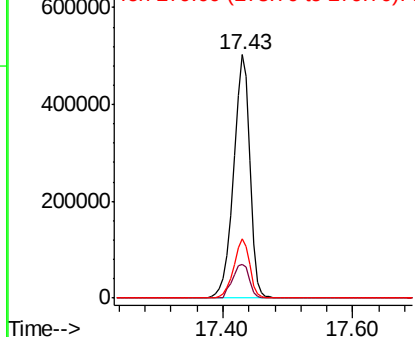


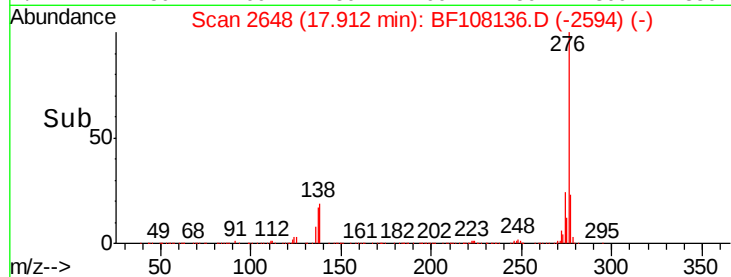
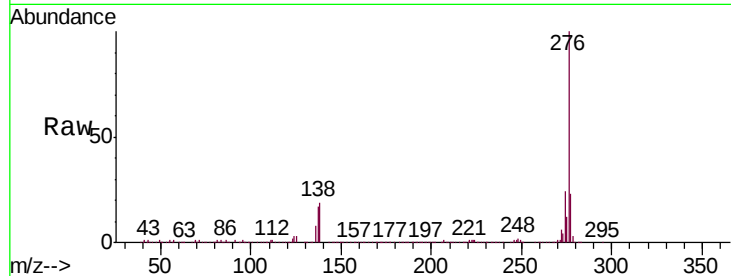
#90
Dibenzo(a,h)anthracene
Concen: 54.470 ng
RT: 17.43 min Scan# 2566
Delta R.T. 0.01 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Tgt Ion:278 Resp: 871107
Ion Ratio Lower Upper
278 100
139 14.0 15.9 23.9#
279 24.3 19.0 28.4



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





#91

Benzo(g,h,i)perylene

Concen: 55.698 ng

RT: 17.91 min Scan# 2648

Delta R.T. 0.02 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

Instrument :

BNA_F

ClientSampleId :

PB111926BS

Tgt Ion: 276 Resp: 877109

Ion Ratio Lower Upper

276 100

277 23.4 17.9 26.9

138 19.2 21.8 32.8#

