

Data File : BF109034.D
Acq On : 15 Sep 2018 9:34
Operator : JU/SJ
Sample : PB112873BS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112873BS

Quant Time: Sep 17 03:16:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	146101	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	546167	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	261738	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	486423	20.00	ng	0.00
75) Chrysene-d12	13.85	240	280012	20.00	ng	0.00
86) Perylene-d12	15.25	264	351410	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	761491	86.57	ng	0.01
7) Phenol-d6	6.36	99	982757	86.64	ng	0.00
23) Nitrobenzene-d5	7.28	82	893036	91.71	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	250900	88.33	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1559215	93.33	ng	0.00
78) Terphenyl-d14	12.81	244	1448109	122.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	151891	36.274	ng	93
3) Pyridine	3.16	79	422222	38.037	ng	92
4) n-Nitrosodimethylamine	3.10	42	197379	47.082	ng	# 93
6) Aniline	6.38	93	530730	36.200	ng	# 88
8) 2-Chlorophenol	6.51	128	417883	42.450	ng	96
9) Benzaldehyde	6.26	77	177829	24.547	ng	98
10) Phenol	6.37	94	522122	40.910	ng	85
11) bis(2-Chloroethyl)ether	6.46	93	408792	40.713	ng	96
12) 1,3-Dichlorobenzene	6.66	146	451573	40.112	ng	98
13) 1,4-Dichlorobenzene	6.74	146	454896	40.277	ng	99
14) 1,2-Dichlorobenzene	6.90	146	422612	40.362	ng	97
15) Benzyl Alcohol	6.87	79	366930	42.611	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	597563	41.537	ng	96
17) 2-Methylphenol	6.98	107	348455	43.387	ng	96
18) Hexachloroethane	7.24	117	169123	41.230	ng	99
19) n-Nitroso-di-n-propylamine	7.14	70	297249	39.646	ng	95
20) 3+4-Methylphenols	7.13	107	400830	41.439	ng	# 67
22) Acetophenone	7.13	105	560170	45.163	ng	# 91
24) Nitrobenzene	7.30	77	444687	44.293	ng	98
25) Isophorone	7.54	82	826065	49.351	ng	97
26) 2-Nitrophenol	7.62	139	207825	44.332	ng	99
27) 2,4-Dimethylphenol	7.66	122	375645	51.083	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	518579	46.038	ng	100
29) 2,4-Dichlorophenol	7.86	162	349100	44.549	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	365041	43.094	ng	96
31) Naphthalene	8.02	128	1181703	46.616	ng	100
32) Benzoic acid	7.79	122	239585	49.862	ng	99
33) 4-Chloroaniline	8.07	127	336576	29.862	ng	98
34) Hexachlorobutadiene	8.15	225	216187	41.804	ng	99
35) Caprolactam	8.44	113	68483	26.805	ng	88
36) 4-Chloro-3-methylphenol	8.56	107	363792	44.100	ng	97
37) 2-Methylnaphthalene	8.72	142	796753	48.216	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	341363	41.438	ng	98
40) Hexachlorocyclopentadiene	8.88	237	355225	85.584	ng	99

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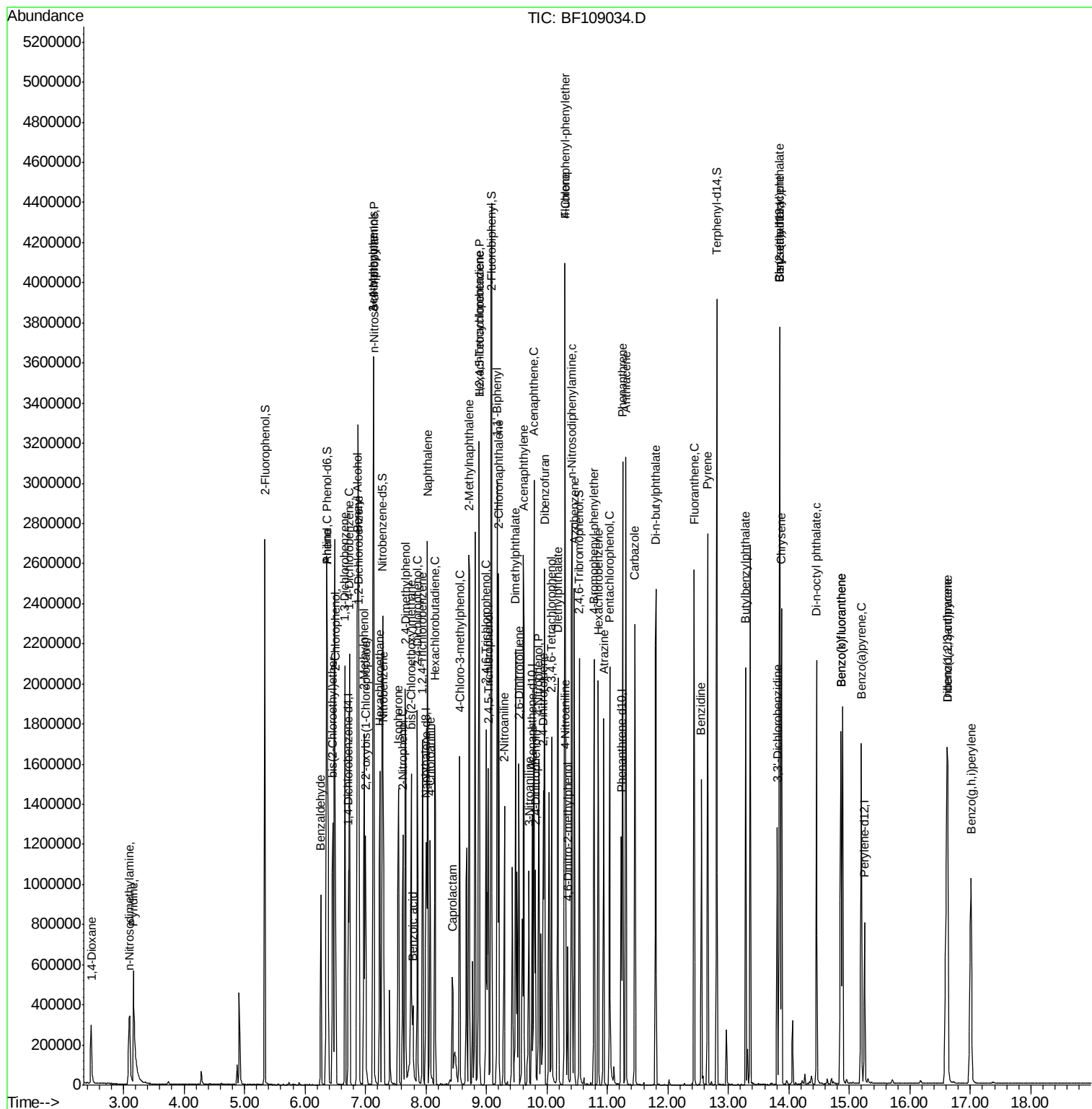
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	247197	44.644	ng	97
43) 2,4,5-Trichlorophenol	9.03	196	262957	45.444	ng	98
45) 1,1'-Biphenyl	9.18	154	921532	44.008	ng	100
46) 2-Chloronaphthalene	9.20	162	731025	43.591	ng	98
47) 2-Nitroaniline	9.30	65	228691	44.358	ng	96
48) Acenaphthylene	9.61	152	1172534	46.374	ng	99
49) Dimethylphthalate	9.48	163	840312	44.919	ng	100
50) 2,6-Dinitrotoluene	9.54	165	186193	44.880	ng	97
51) Acenaphthene	9.79	154	747538	47.480	ng	98
52) 3-Nitroaniline	9.70	138	151397	30.991	ng	96
53) 2,4-Dinitrophenol	9.81	184	132128	82.638	ng	# 21
54) Dibenzofuran	9.96	168	1002670	44.070	ng	98
55) 4-Nitrophenol	9.87	139	307912	85.549	ng	93
56) 2,4-Dinitrotoluene	9.94	165	247514	45.620	ng	# 92
57) Fluorene	10.30	166	720503	47.520	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	221144	46.156	ng	90
59) Diethylphthalate	10.18	149	830371	43.955	ng	97
60) 4-Chlorophenyl-phenylether	10.30	204	345058	42.501	ng	94
61) 4-Nitroaniline	10.31	138	198360	42.739	ng	99
62) Azobenzene	10.45	77	861158	44.533	ng	95
64) 4,6-Dinitro-2-methylphenol	10.35	198	89413	38.419	ng	76
65) n-Nitrosodiphenylamine	10.41	169	718725	45.171	ng	96
66) 4-Bromophenyl-phenylether	10.78	248	241144	43.974	ng	92
67) Hexachlorobenzene	10.85	284	258494	44.069	ng	# 89
68) Atrazine	10.94	200	236010	46.336	ng	95
69) Pentachlorophenol	11.04	266	269002	71.680	ng	99
70) Phenanthrene	11.25	178	1112241	46.646	ng	99
71) Anthracene	11.31	178	1140975	47.204	ng	100
72) Carbazole	11.46	167	1004702	41.990	ng	99
73) Di-n-butylphthalate	11.80	149	1238908	44.233	ng	100
74) Fluoranthene	12.44	202	1093269	43.431	ng	96
76) Benzidine	12.55	184	543149	54.797	ng	99
77) Pyrene	12.66	202	1079753	51.914	ng	98
79) Butylbenzylphthalate	13.28	149	478411	51.499	ng	94
80) Benzo(a)anthracene	13.84	228	841355	49.629	ng	99
81) 3,3'-Dichlorobenzidine	13.81	252	252801	36.954	ng	# 96
82) Chrysene	13.88	228	825885	48.692	ng	100
83) Bis(2-ethylhexyl)phthalate	13.85	149	606705	53.939	ng	99
84) Di-n-octyl phthalate	14.46	149	1015081	53.212	ng	98
85) Indeno(1,2,3-cd)pyrene	16.61	276	1028131	75.819	ng	94
87) Benzo(b)fluoranthene	14.86	252	859487	44.211	ng	98
88) Benzo(k)fluoranthene	14.86	252	859487	47.334	ng	98
89) Benzo(a)pyrene	15.19	252	836136	48.430	ng	98
90) Dibenzo(a,h)anthracene	16.62	278	859352	59.246	ng	96
91) Benzo(g,h,i)perylene	17.01	276	865271	59.668	ng	94

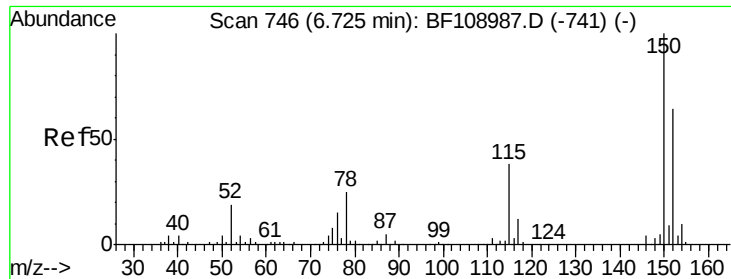
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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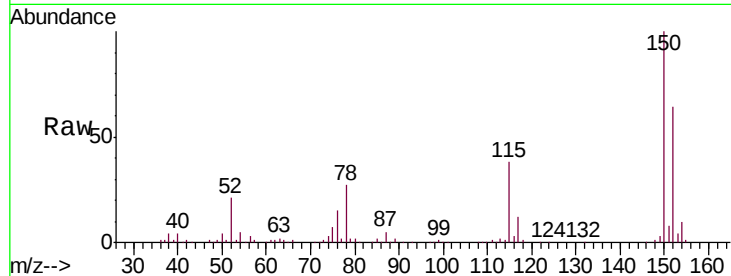


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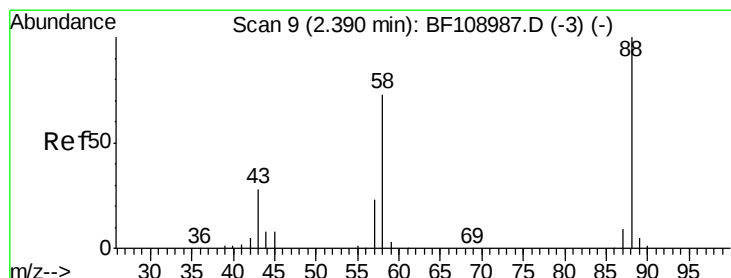
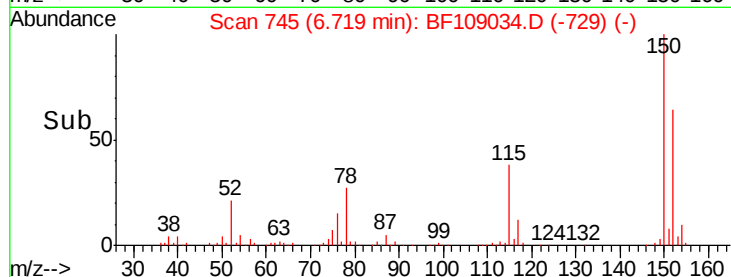
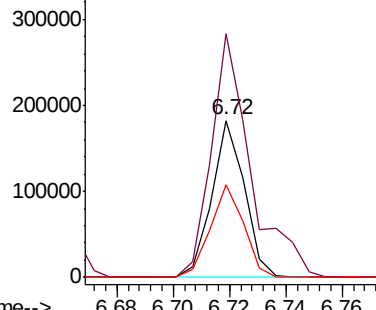
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Instrument :
BNA_F
ClientSampleId :
PB112873BS

Tgt Ion:152 Resp: 146101
Ion Ratio Lower Upper
152 100
150 155.3 124.6 186.8
115 59.0 50.1 75.1



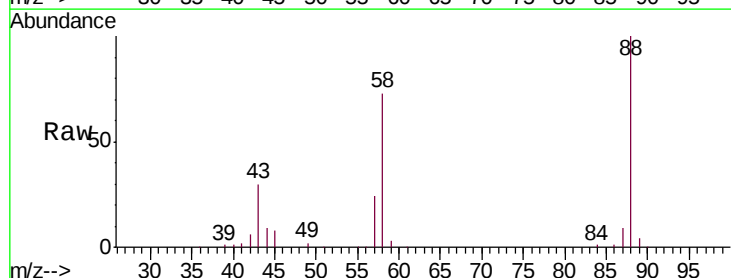
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



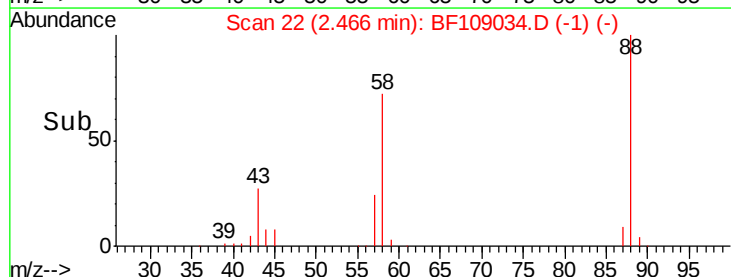
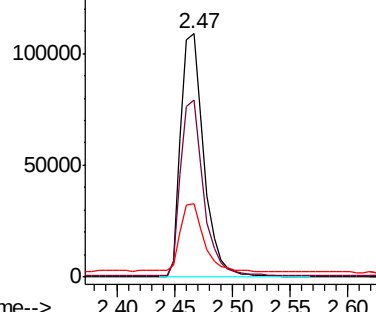
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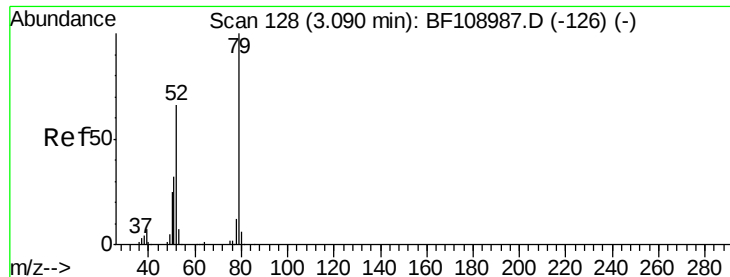
1,4-Dioxane
Concen: 36.274 ng
RT: 2.47 min Scan# 22
Delta R.T. 0.08 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Tgt Ion: 88 Resp: 151891
Ion Ratio Lower Upper
88 100
58 71.0 62.6 93.8
43 28.9 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: 38.037 ng

RT: 3.16 min Scan# 140

Delta R.T. 0.07 min

Lab File: BF109034.D

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Instrument :

BNA_F

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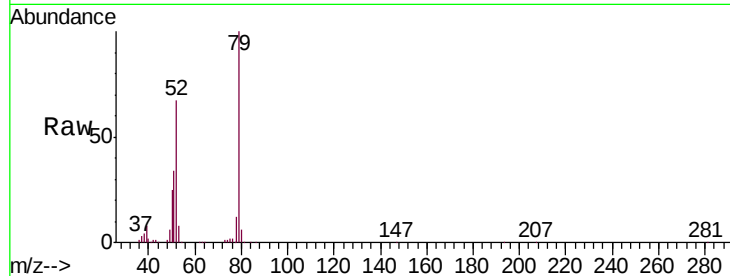
Tgt Ion: 79 Resp: 422222

Ion Ratio Lower Upper

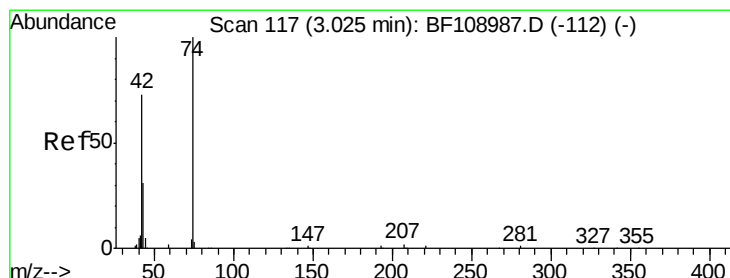
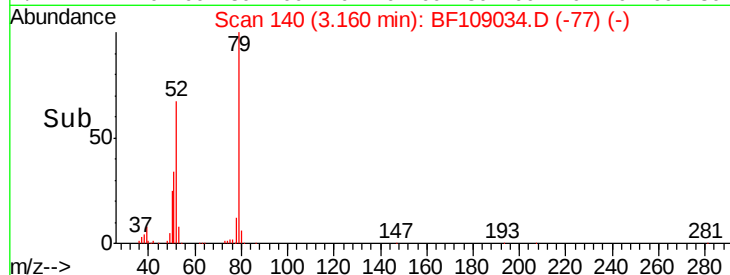
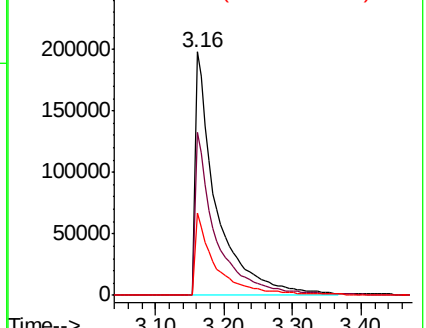
79 100

52 67.2 59.8 89.6

51 33.8 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 47.082 ng

RT: 3.10 min Scan# 130

Delta R.T. 0.08 min

Lab File: BF109034.D

Acq: 15 Sep 2018 9:34

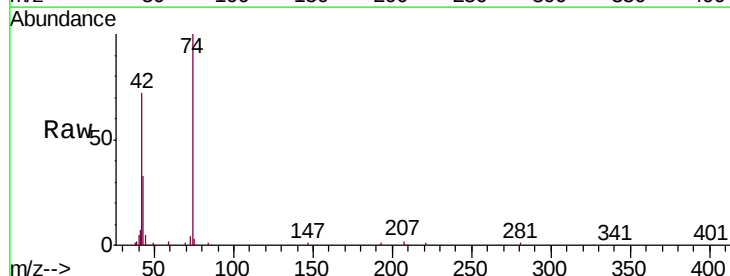
Tgt Ion: 42 Resp: 197379

Ion Ratio Lower Upper

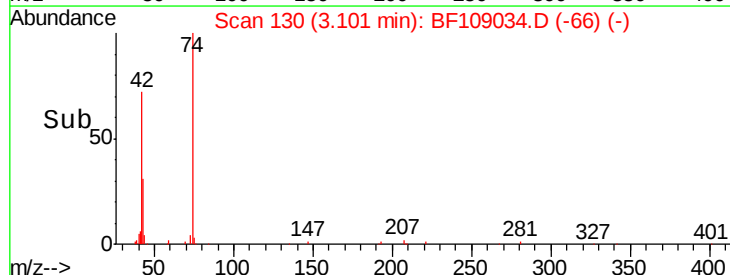
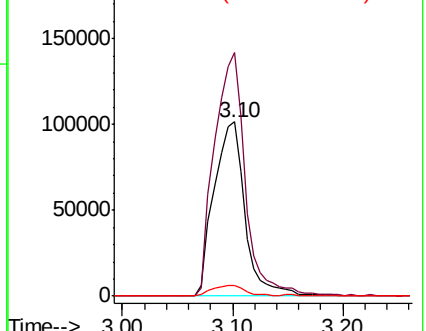
42 100

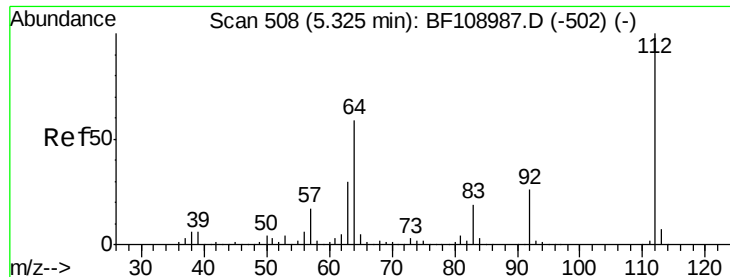
74 139.7 104.9 157.3

44 6.3 6.9 10.3#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1

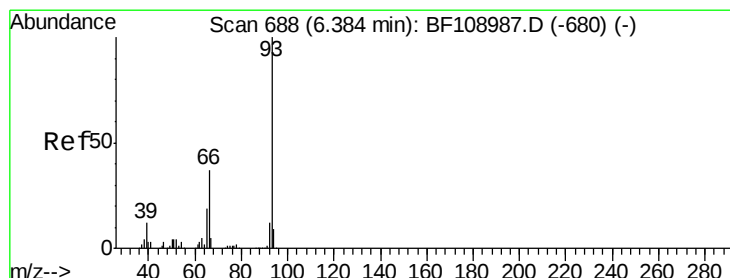
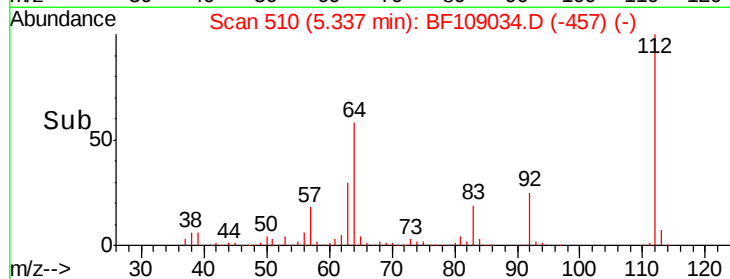
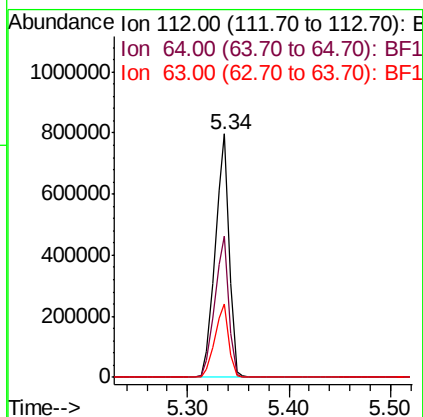
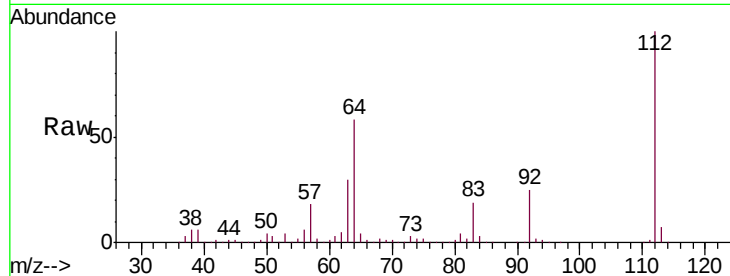




#5
 2-Fluorophenol
 Concen: 86.567 ng
 RT: 5.34 min Scan# 510
 Delta R.T. 0.01 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

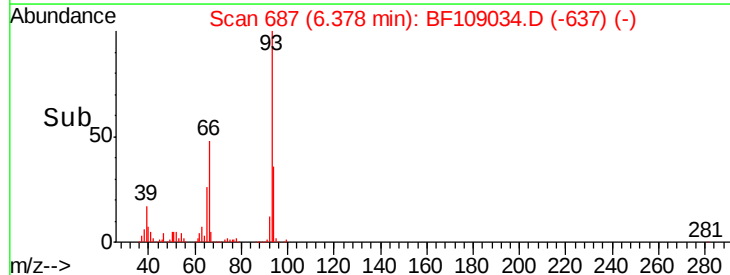
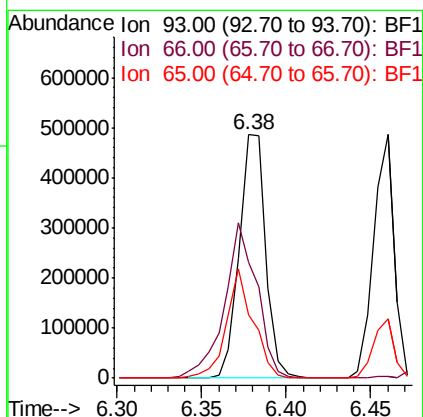
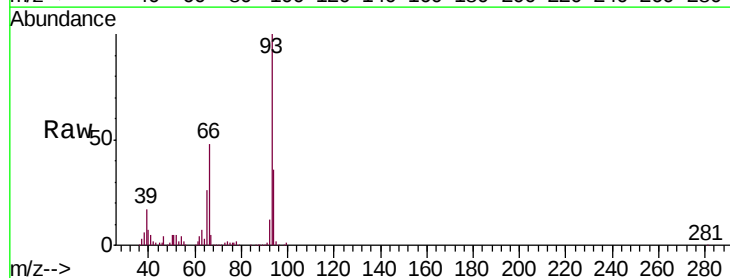
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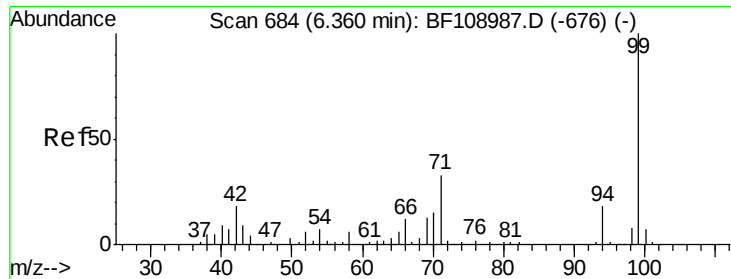
Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	47.9	71.9
63	30.0	23.7	35.5



#6
 Aniline
 Concen: 36.200 ng
 RT: 6.38 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

Tgt Ion	Ratio	Lower	Upper
93	100		
66	47.7	32.2	48.2
65	25.8	16.4	24.6





#7

Phenol-d6

Concen: 86.642 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF109034.D

Acq: 15 Sep 2018 9:34

Instrument :

BNA_F

ClientSampleId :

PB112873BS

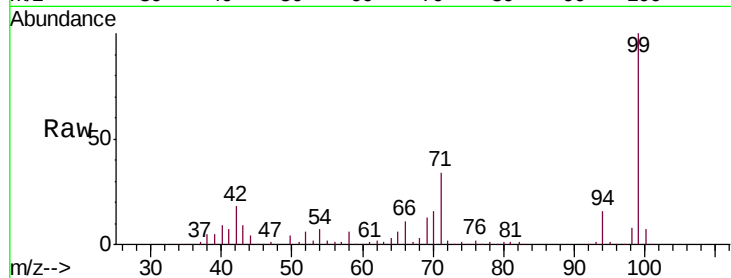
Tgt Ion: 99 Resp: 982757

Ion Ratio Lower Upper

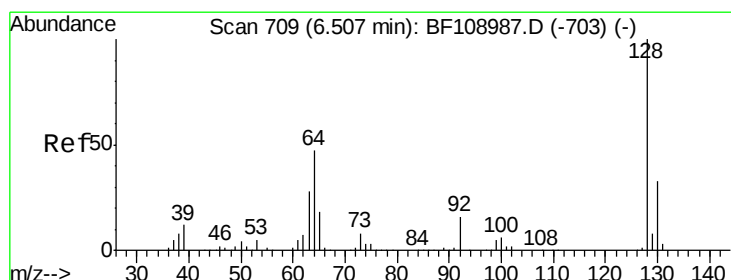
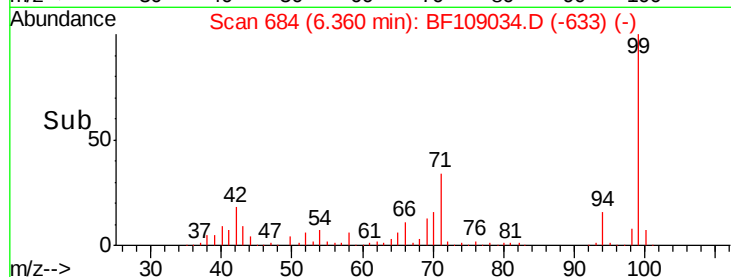
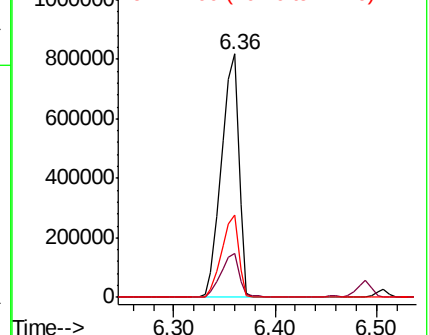
99 100

42 18.2 14.5 21.7

71 33.6 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: 42.450 ng

RT: 6.51 min Scan# 709

Delta R.T. -0.00 min

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Acq: 15 Sep 2018 9:34

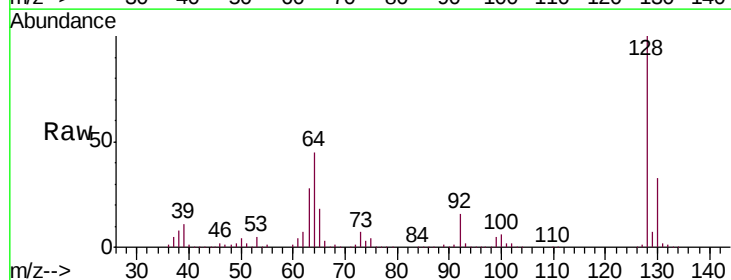
Tgt Ion: 128 Resp: 417883

Ion Ratio Lower Upper

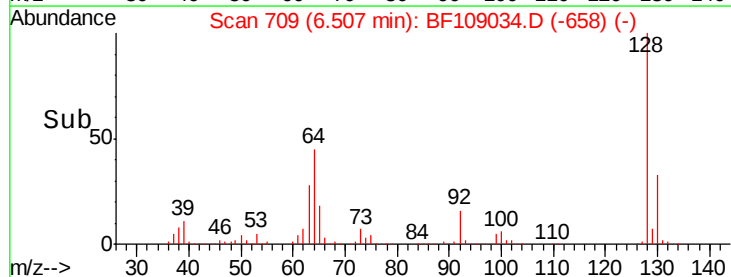
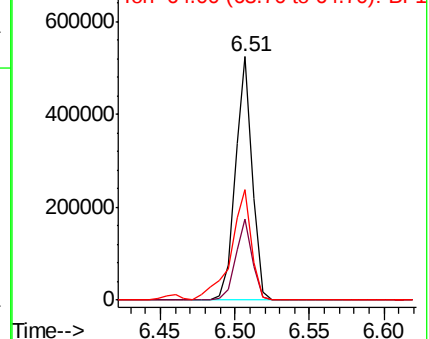
128 100

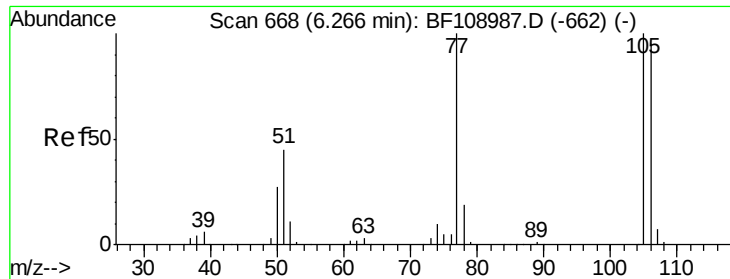
130 33.2 13.0 53.0

64 45.4 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

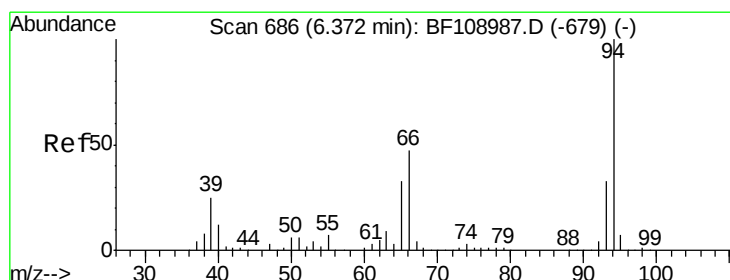
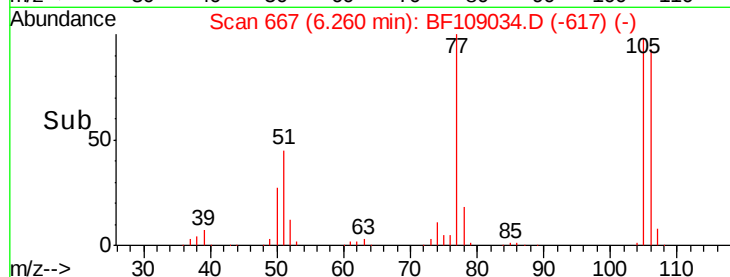
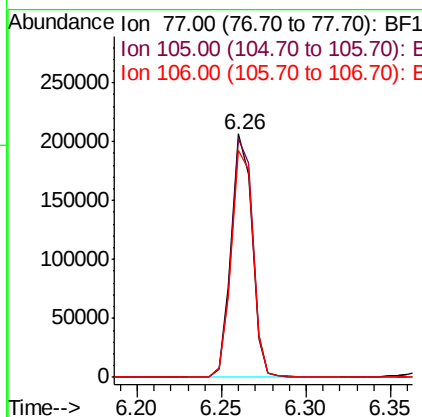
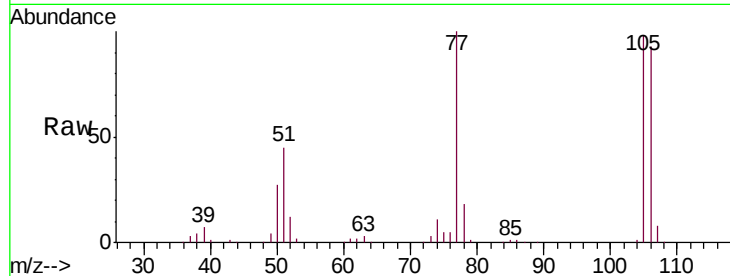




#9
Benzaldehyde
Concen: 24.547 ng
RT: 6.26 min Scan# 667
Delta R.T. -0.01 min
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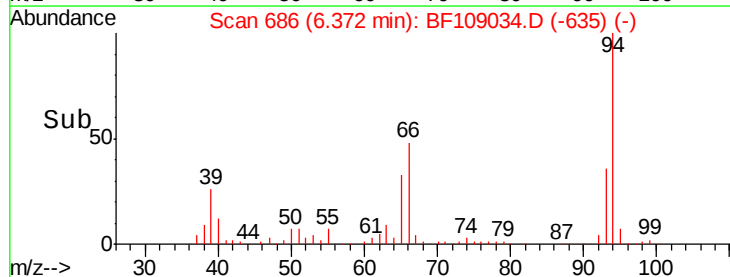
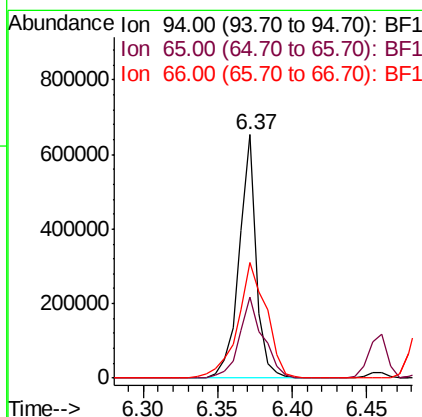
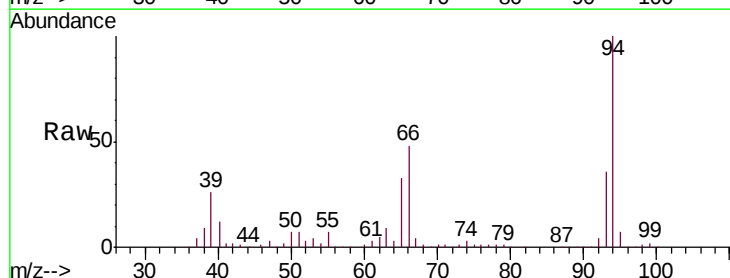
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ClientSampleId :
PB112873BS

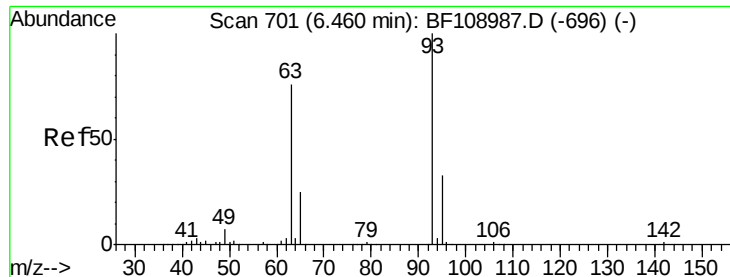
Tgt Ion: 77 Resp: 177829
Ion Ratio Lower Upper
77 100
105 98.0 81.1 121.1
106 93.2 74.5 114.5



#10
Phenol
Concen: 40.910 ng
RT: 6.37 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Tgt Ion: 94 Resp: 522122
Ion Ratio Lower Upper
94 100
65 33.4 7.9 47.9
66 47.5 16.2 56.2

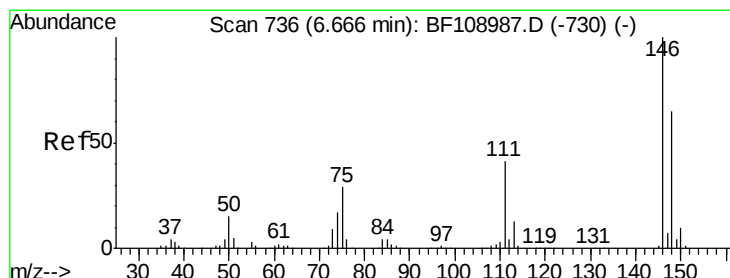
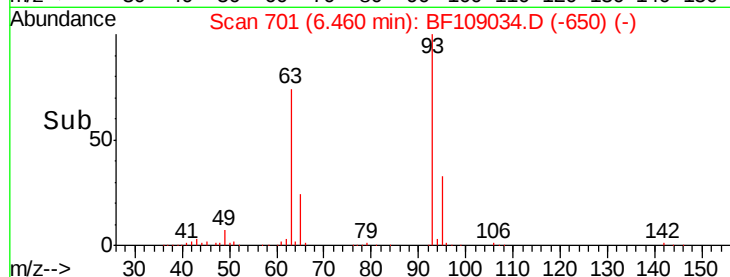
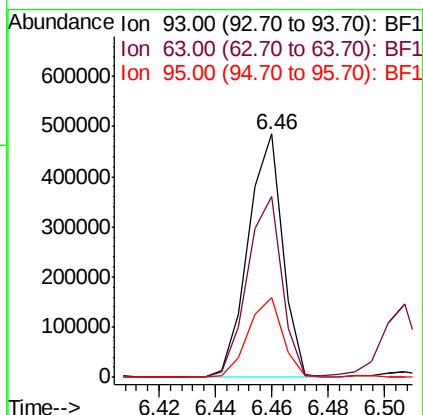
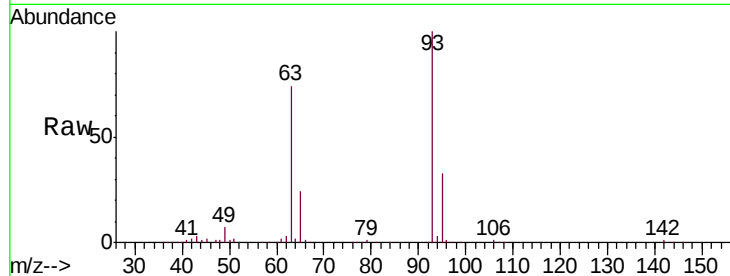




#11
bis(2-Chloroethyl)ether
Concen: 40.713 ng
RT: 6.46 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

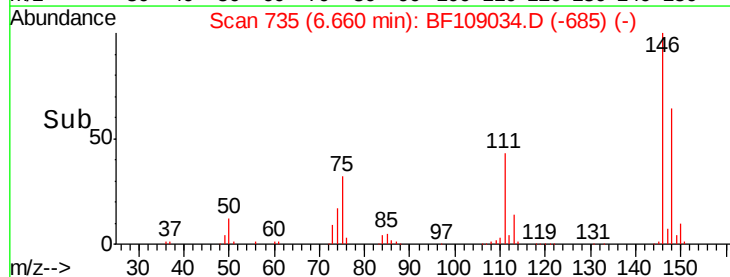
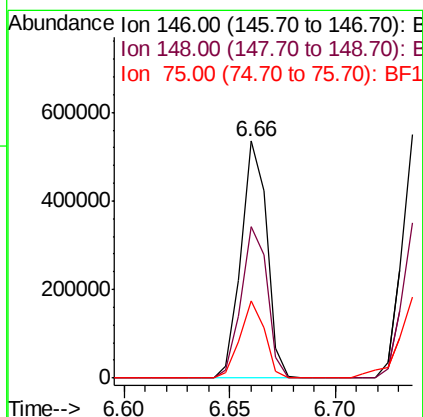
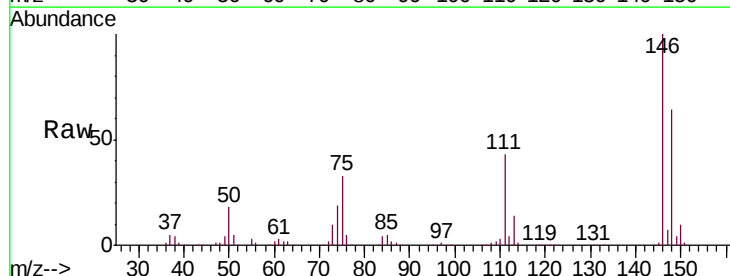
Instrument :
BNA_F
ClientSampleId :
PB112873BS

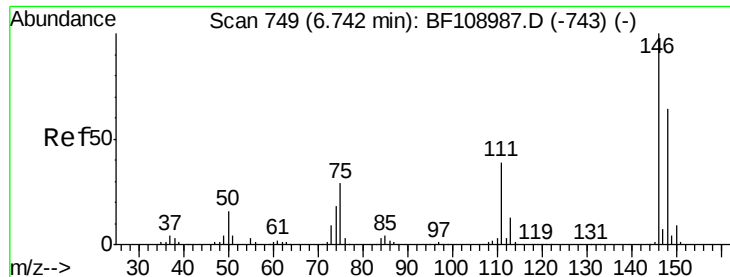
Tgt Ion: 93 Resp: 408792
Ion Ratio Lower Upper
93 100
63 74.4 58.6 98.6
95 32.5 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 40.112 ng
RT: 6.66 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Tgt Ion: 146 Resp: 451573
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.8
75 32.6 24.2 36.4

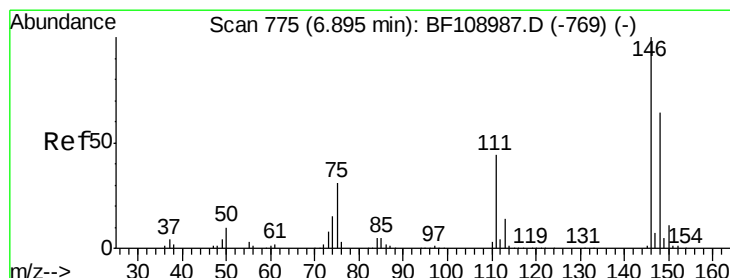
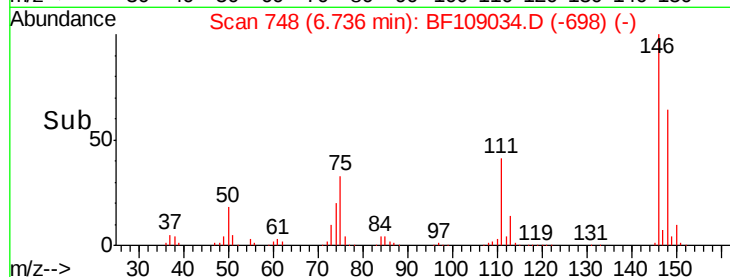
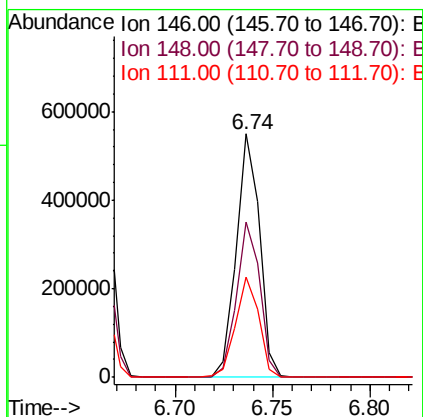
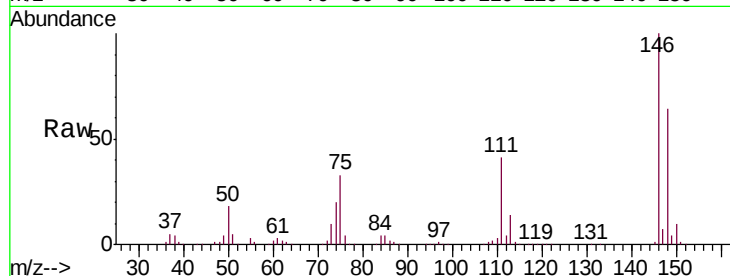




#13
 1,4-Dichlorobenzene
 Concen: 40.277 ng
 RT: 6.74 min Scan# 748
 Delta R.T. -0.01 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

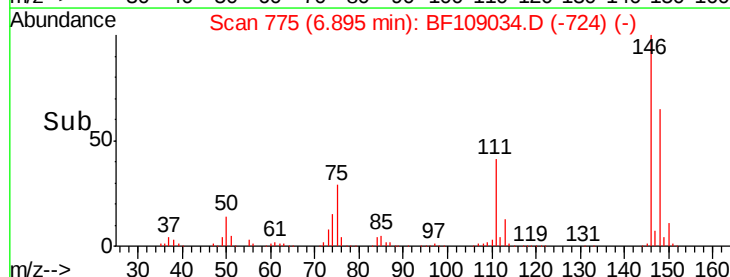
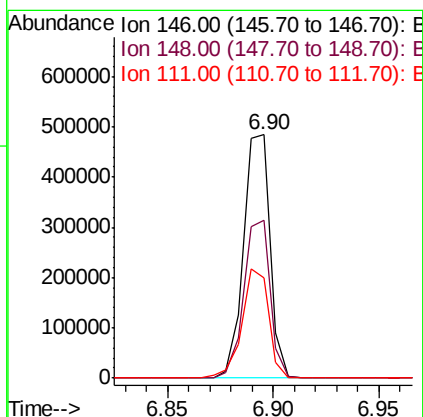
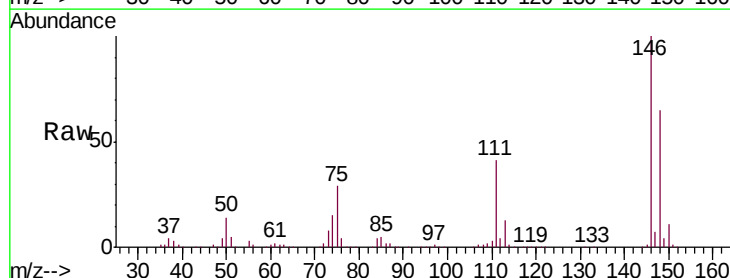
Instrument :
 BNA_F
 ClientSampleId :
 PB112873BS

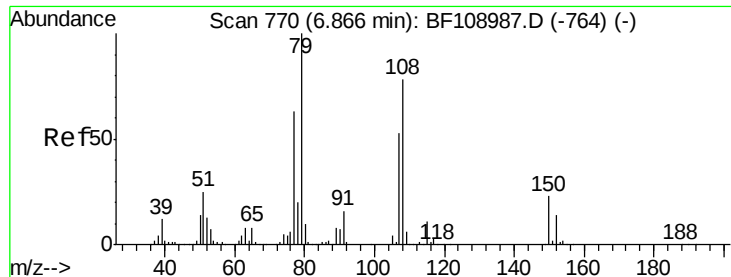
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.8	76.2
111	41.1	34.2	51.2



#14
 1,2-Dichlorobenzene
 Concen: 40.362 ng
 RT: 6.90 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.6	75.8
111	41.4	36.0	54.0





#15

Benzyl Alcohol

Concen: 42.611 ng

RT: 6.87 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF109034.D

Acq: 15 Sep 2018 9:34

Instrument :

BNA_F

ClientSampled :

PB112873BS

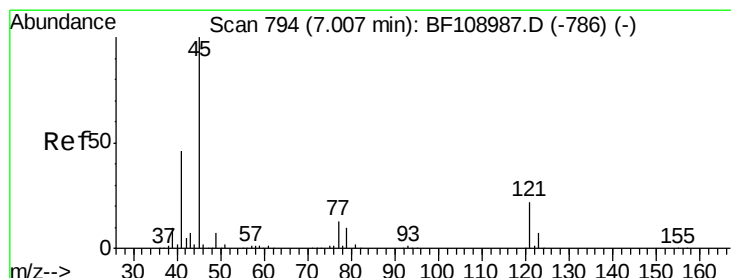
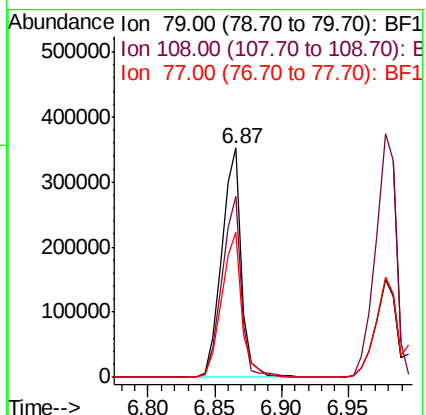
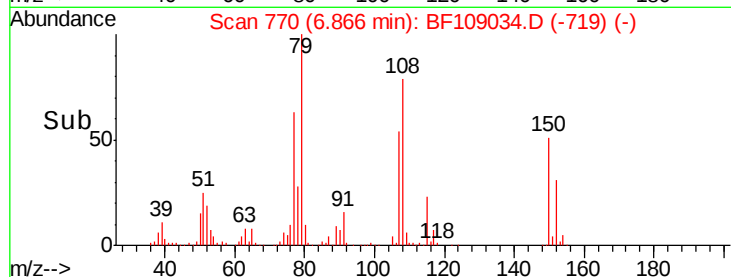
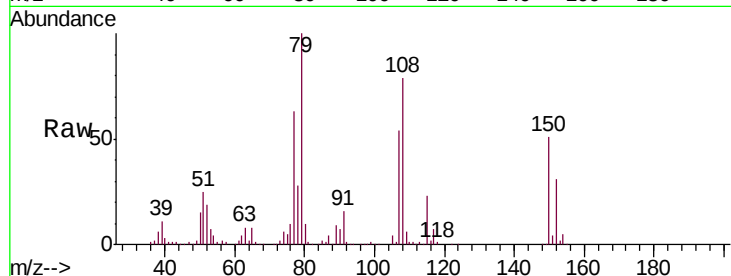
Tgt Ion: 79 Resp: 366930

Ion Ratio Lower Upper

79 100

108 78.7 65.1 97.7

77 63.4 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.537 ng

RT: 7.00 min Scan# 793

Delta R.T. -0.01 min

Lab File: BF109034.D

Acq: 15 Sep 2018 9:34

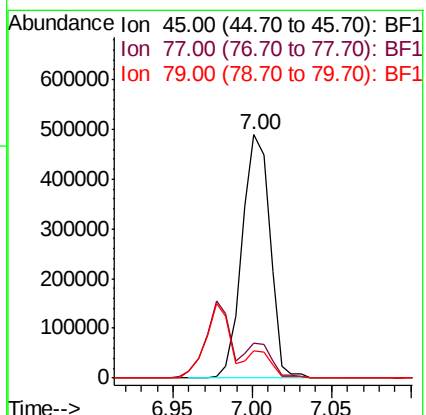
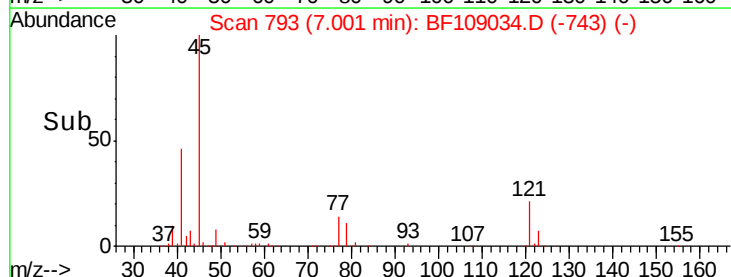
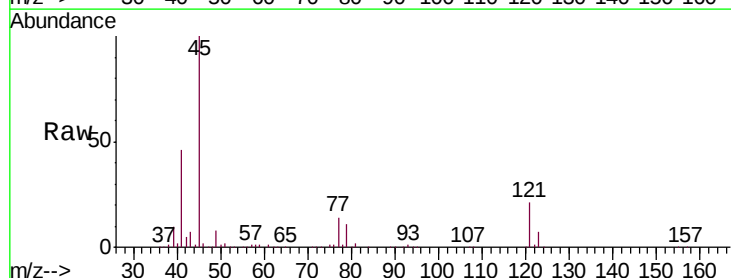
Tgt Ion: 45 Resp: 597563

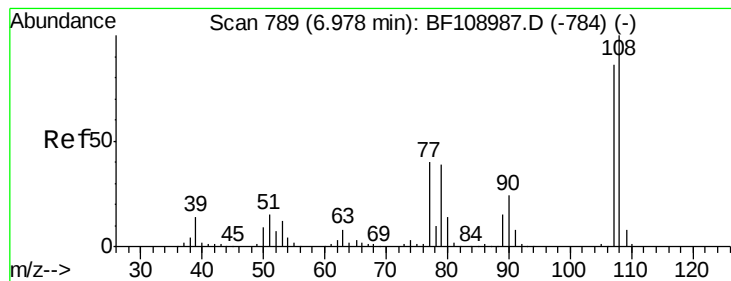
Ion Ratio Lower Upper

45 100

77 14.4 0.0 32.9

79 11.0 0.0 29.6

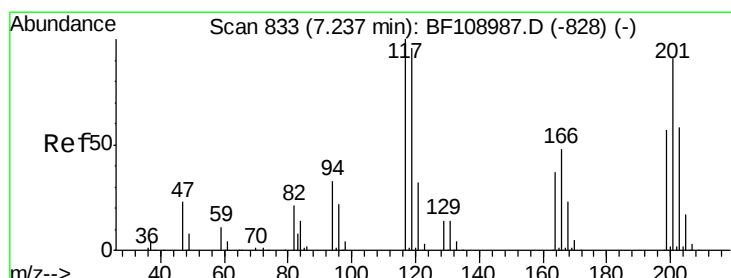
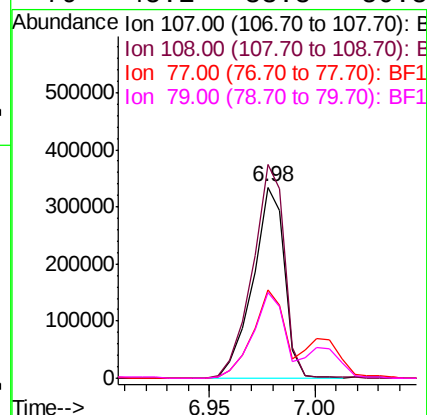
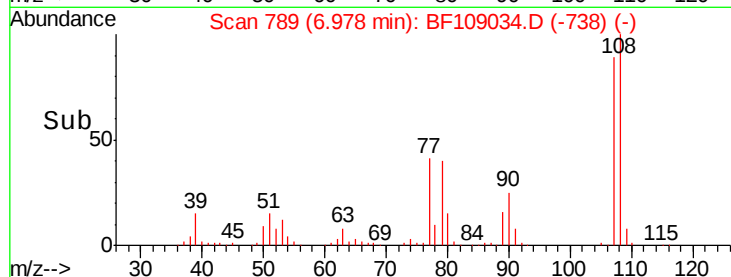
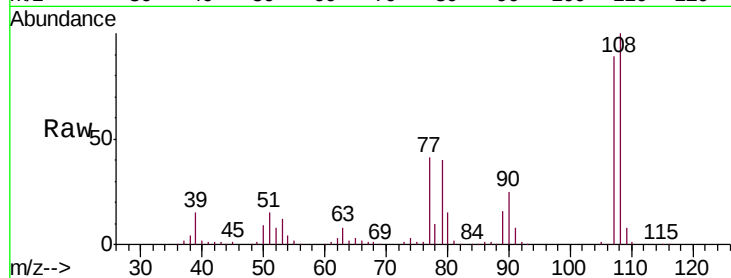




#17
2-Methylphenol
Concen: 43.387 ng
RT: 6.98 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

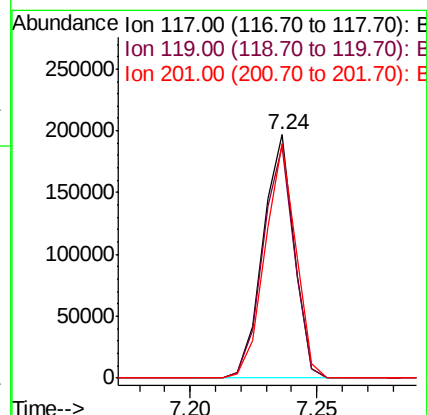
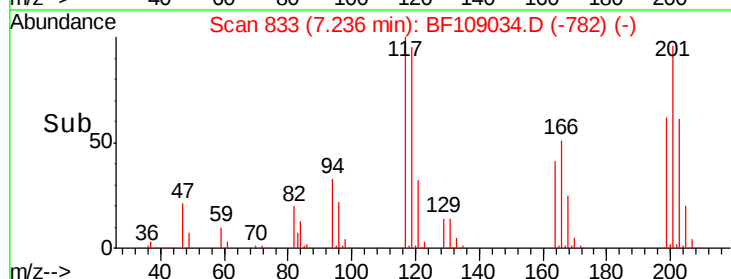
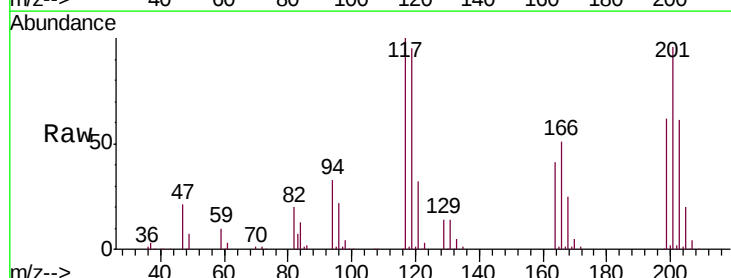
Instrument :
BNA_F
ClientSampleId :
PB112873BS

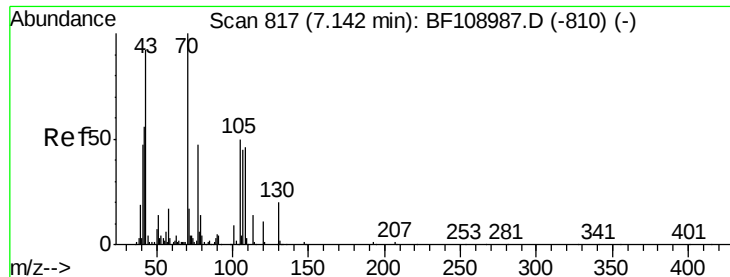
Tgt Ion	Ratio	Lower	Upper
107	100		
108	111.9	91.7	137.5
77	46.3	33.8	50.8
79	45.1	33.8	50.8



#18
Hexachloroethane
Concen: 41.230 ng
RT: 7.24 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.8	113.8
201	96.2	75.7	113.5

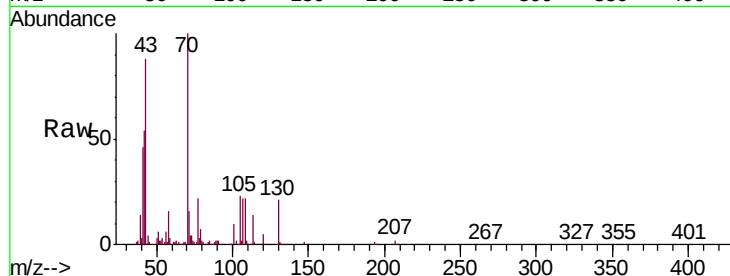




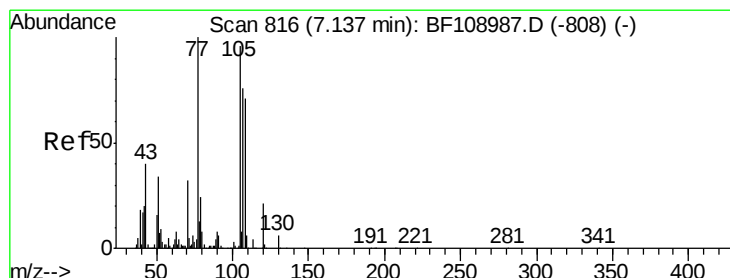
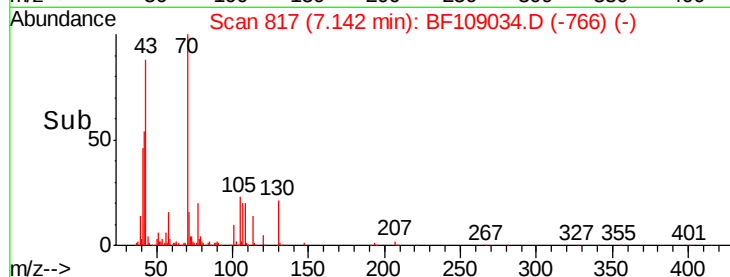
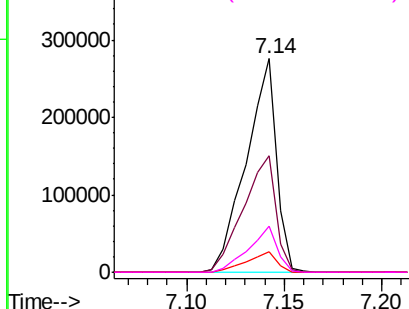
#19
n-Nitroso-di-n-propylamine
Concen: 39.646 ng
RT: 7.14 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Instrument :
BNA_F
ClientSampleId :
PB112873BS

Tgt Ion:	70	Resp:	297249
Ion	Ratio	Lower	Upper
70	100		
42	54.4	47.5	71.3
101	9.8	7.4	11.2
130	21.3	16.6	25.0

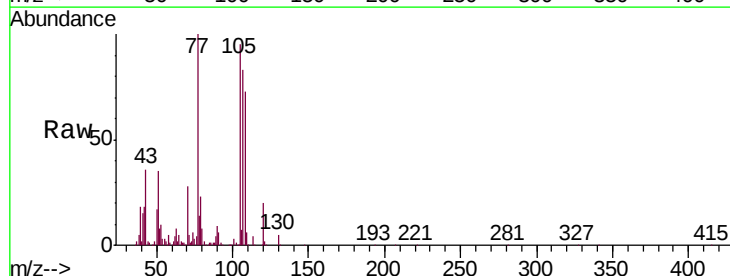


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

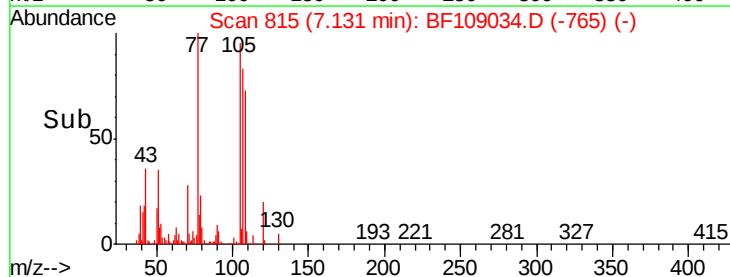
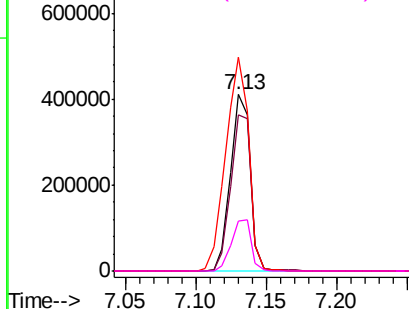


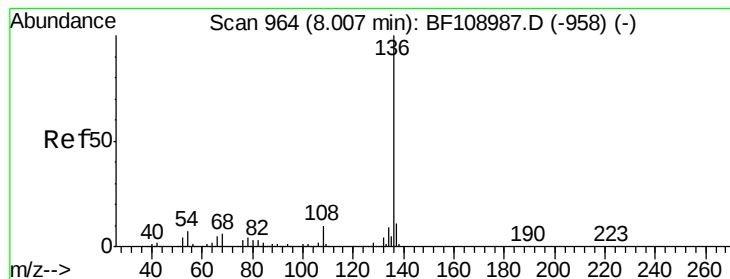
#20
3+4-Methylphenols
Concen: 41.439 ng
RT: 7.13 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Tgt Ion:	107	Resp:	400830
Ion	Ratio	Lower	Upper
107	100		
108	88.6	68.2	108.2
77	120.9	26.7	66.7#
79	28.4	6.3	46.3



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109034.D

Acq: 15 Sep 2018 9:34

Instrument :

BNA_F

ClientSampleId :

PB112873BS

Tgt Ion:136 Resp: 546167

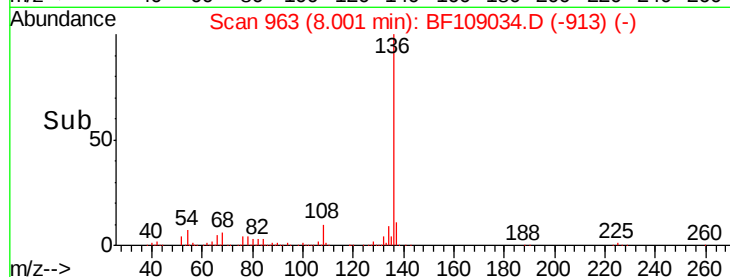
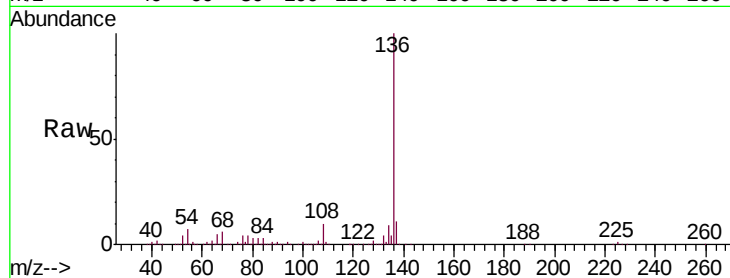
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.5 6.6 9.8

68 6.3 5.0 7.4



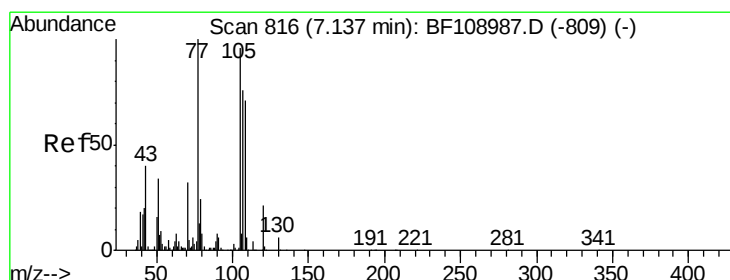
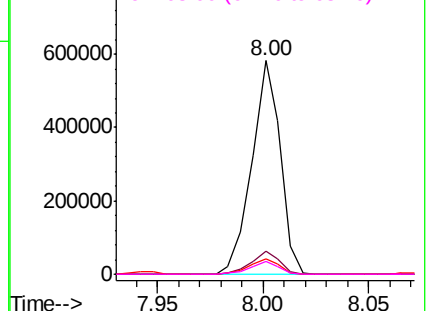
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 45.163 ng

RT: 7.13 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF109034.D

Acq: 15 Sep 2018 9:34

Tgt Ion:105 Resp: 560170

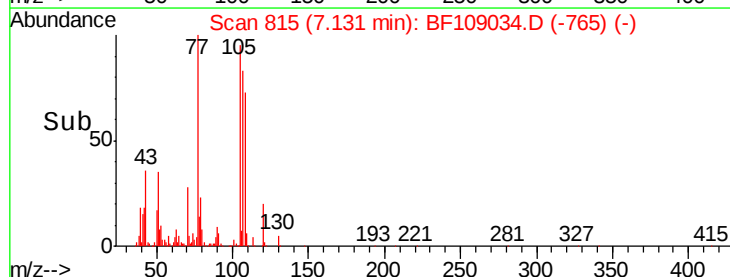
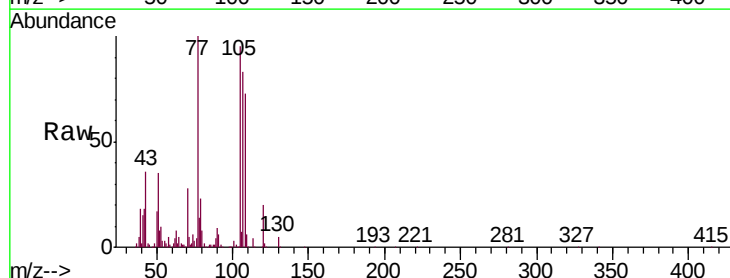
Ion Ratio Lower Upper

105 100

71 4.9 4.4 6.6

51 36.7 22.3 33.5#

120 21.5 16.9 25.3



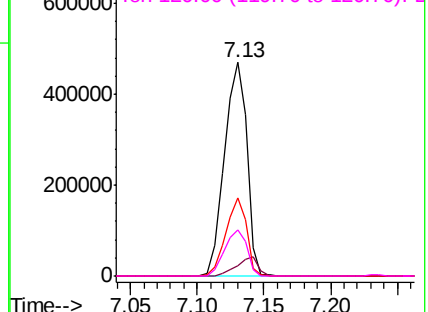
Abundance

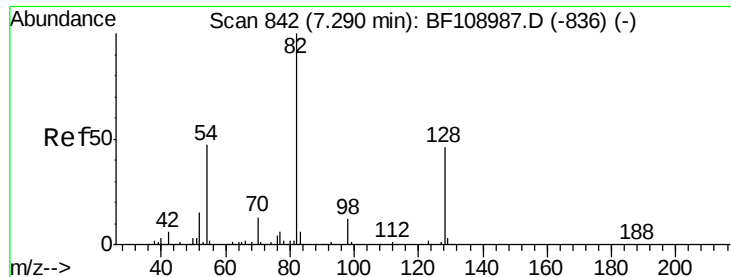
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

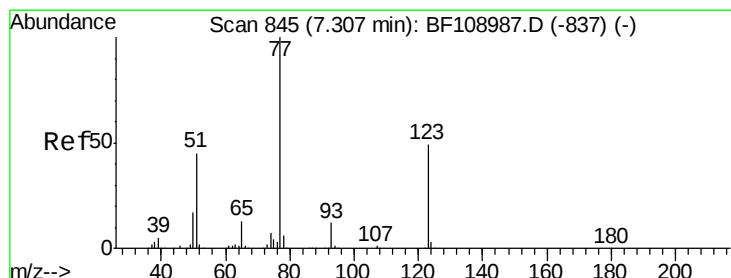
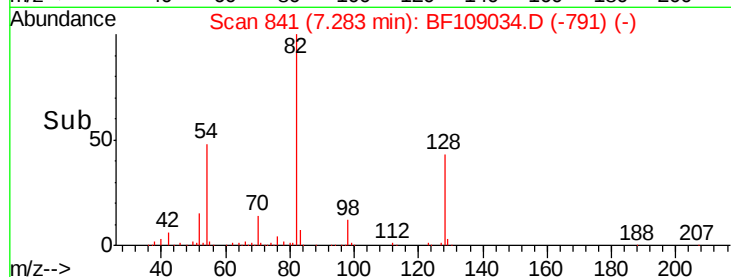
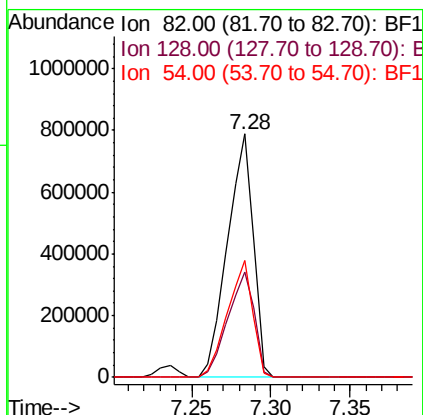
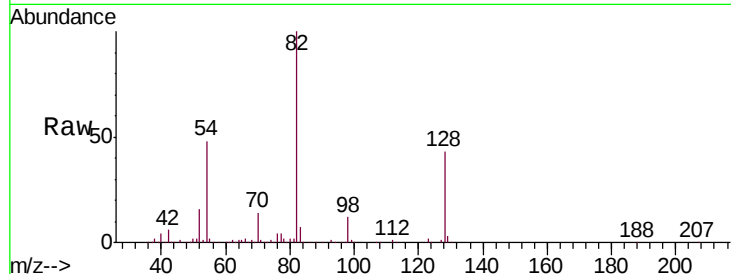




#23
 Nitrobenzene-d5
 Concen: 91.710 ng
 RT: 7.28 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

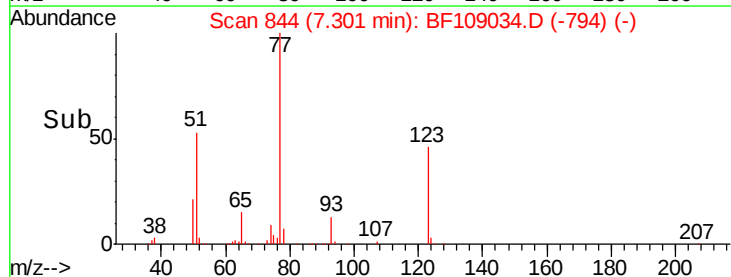
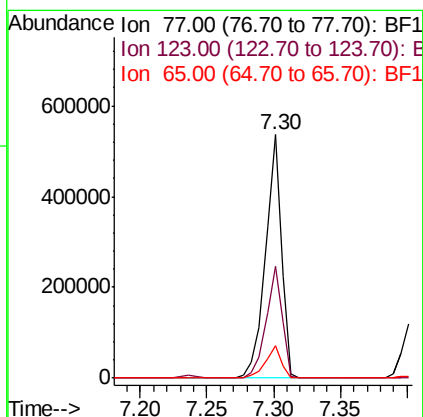
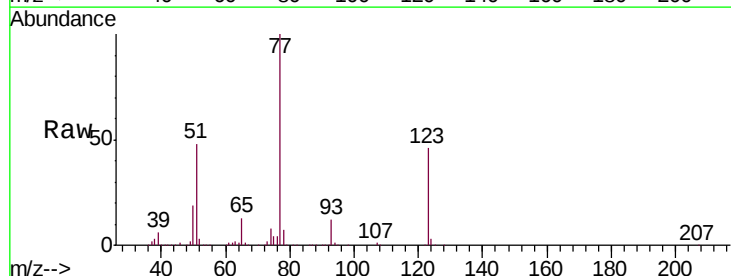
Instrument :
 BNA_F
 ClientSampleId :
 PB112873BS

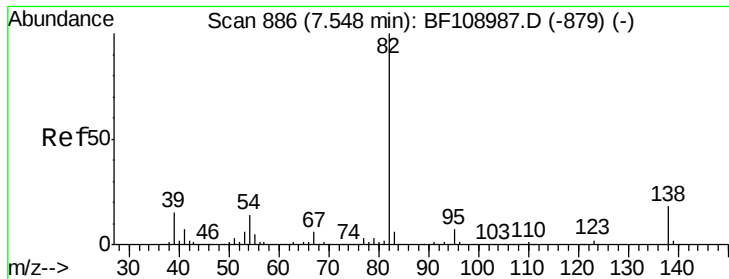
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.2	36.1	54.1
54	47.9	41.4	62.2



#24
 Nitrobenzene
 Concen: 44.293 ng
 RT: 7.30 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.1	37.9	56.9
65	13.2	11.0	16.4





#25

Isophorone

Concen: 49.351 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF109034.D

Acq: 15 Sep 2018 9:34

Instrument :

BNA_F

ClientSampleId :

PB112873BS

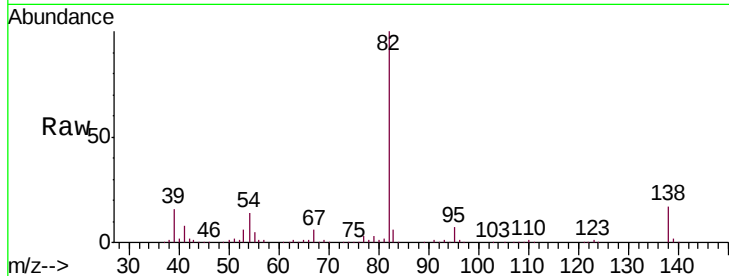
Tgt Ion: 82 Resp: 826065

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

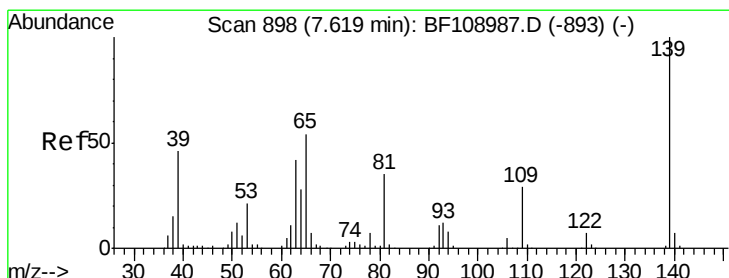
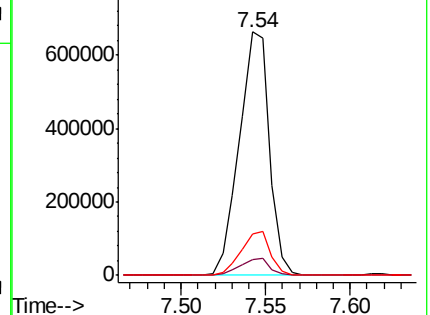
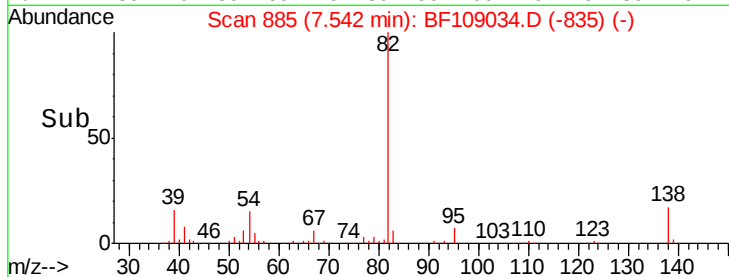
138 17.1 14.9 22.3



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: 44.332 ng

RT: 7.62 min Scan# 898

Delta R.T. -0.00 min

Lab File: BF109034.D

Acq: 15 Sep 2018 9:34

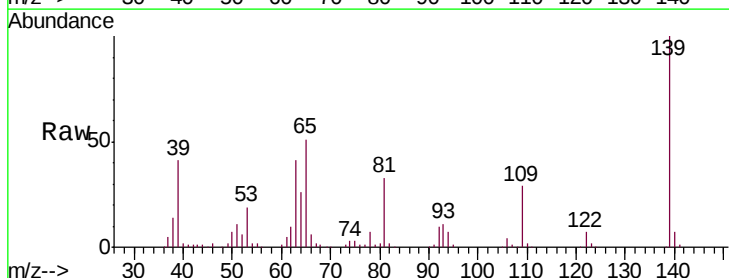
Tgt Ion: 139 Resp: 207825

Ion Ratio Lower Upper

139 100

109 29.3 22.7 34.1

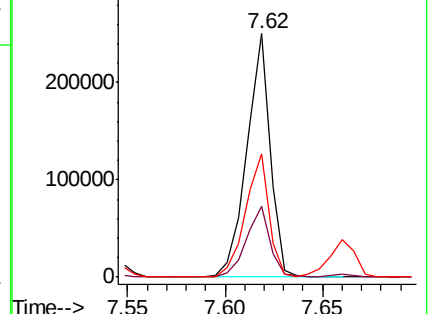
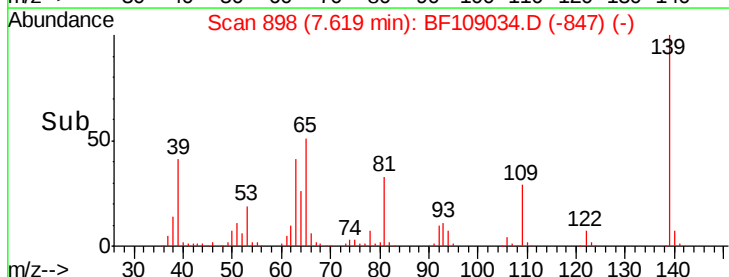
65 50.5 40.5 60.7

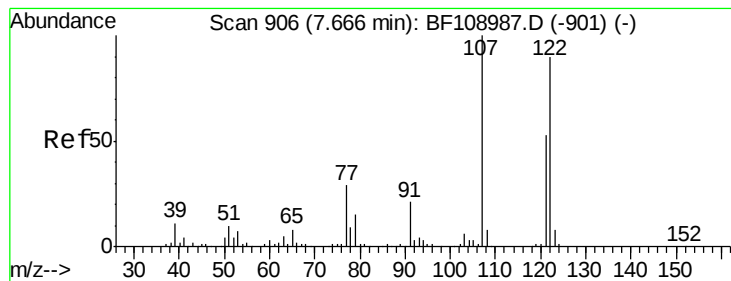


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 51.083 ng

RT: 7.66 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF109034.D

Acq: 15 Sep 2018 9:34

Instrument :

BNA_F

ClientSampleId :

PB112873BS

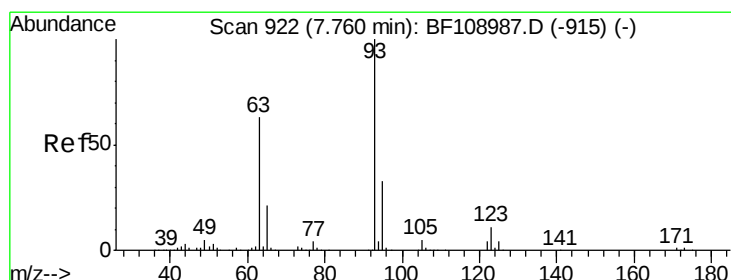
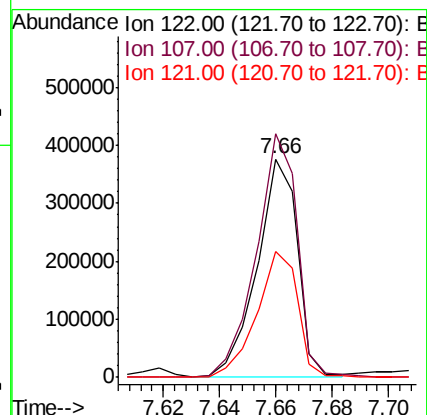
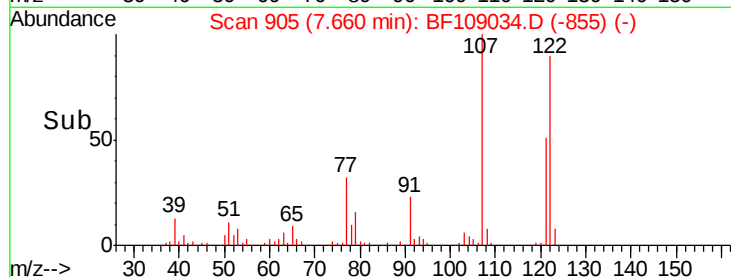
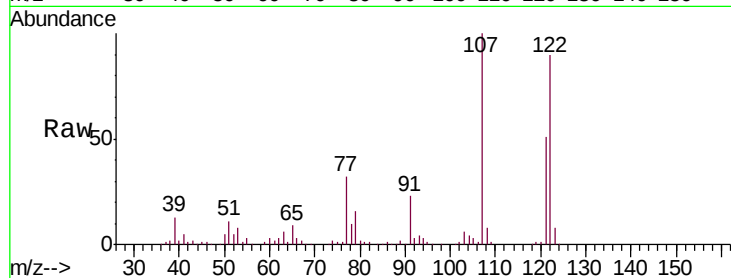
Tgt Ion:122 Resp: 375645

Ion Ratio Lower Upper

122 100

107 111.7 91.2 136.8

121 57.5 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 46.038 ng

RT: 7.76 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF109034.D

Acq: 15 Sep 2018 9:34

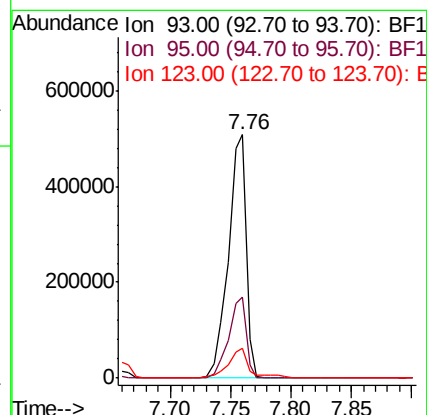
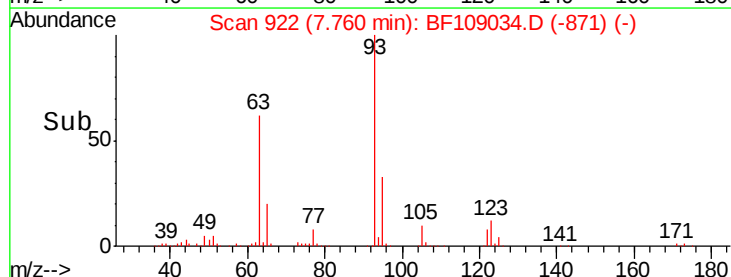
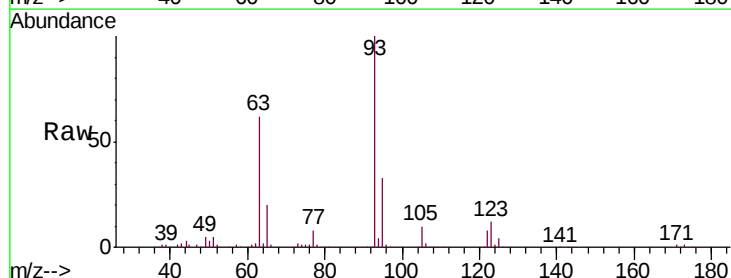
Tgt Ion: 93 Resp: 518579

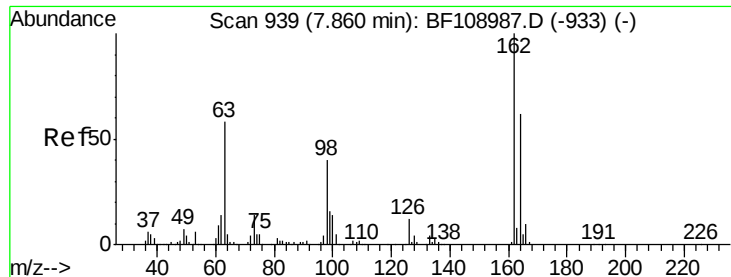
Ion Ratio Lower Upper

93 100

95 33.1 26.3 39.5

123 12.2 9.8 14.6

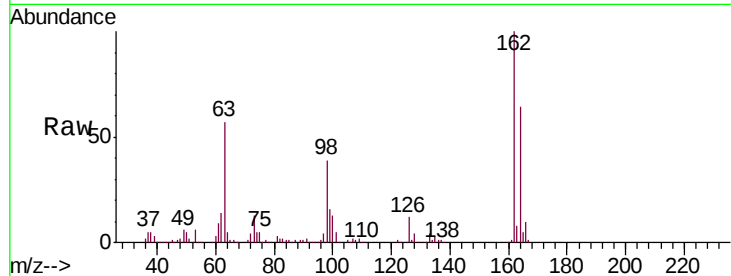




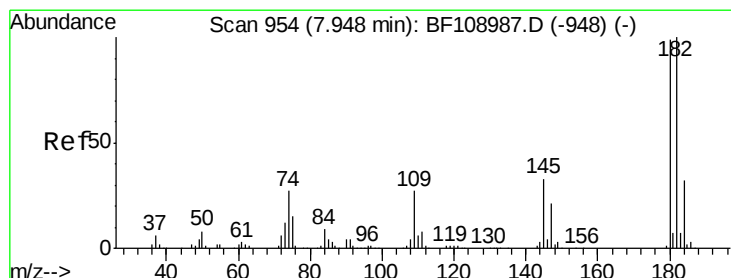
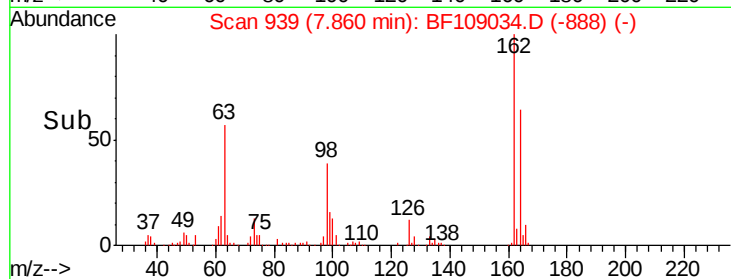
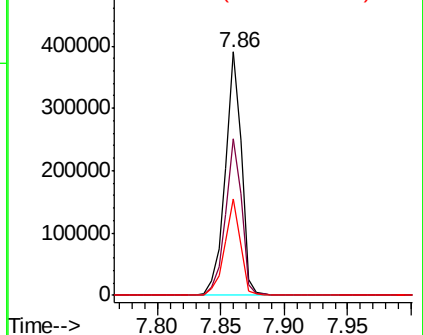
#29
 2,4-Dichlorophenol
 Concen: 44.549 ng
 RT: 7.86 min Scan# 939
 Delta R.T. -0.00 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

Instrument :
 BNA_F
 ClientSampleId :
 PB112873BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.5	42.7	82.7
98	39.5	18.1	58.1

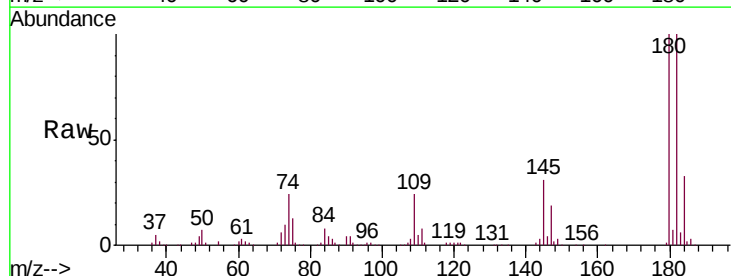


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

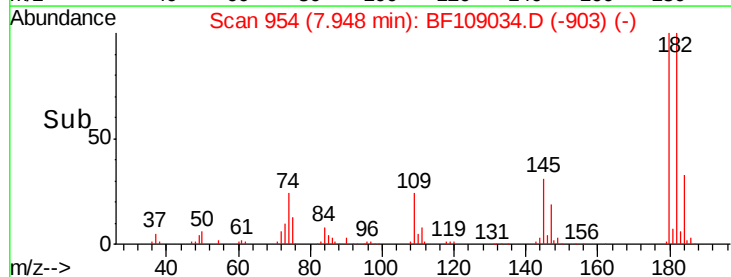
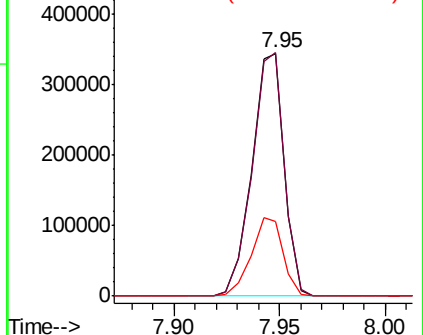


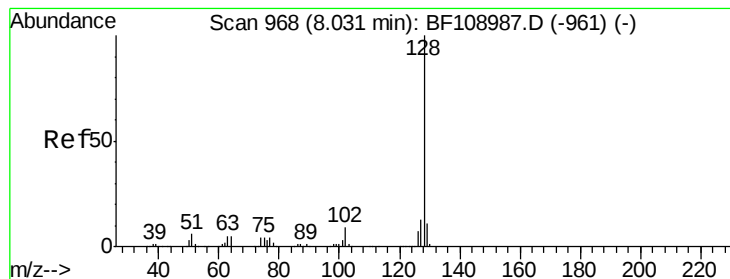
#30
 1,2,4-Trichlorobenzene
 Concen: 43.094 ng
 RT: 7.95 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.2	76.8	115.2
145	30.7	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: 46.616 ng

RT: 8.02 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF109034.D

Acq: 15 Sep 2018 9:34

Instrument :

BNA_F

ClientSampleId :

PB112873BS

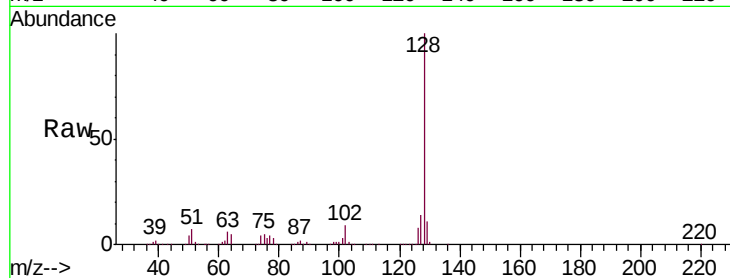
Tgt Ion:128 Resp: 1181703

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

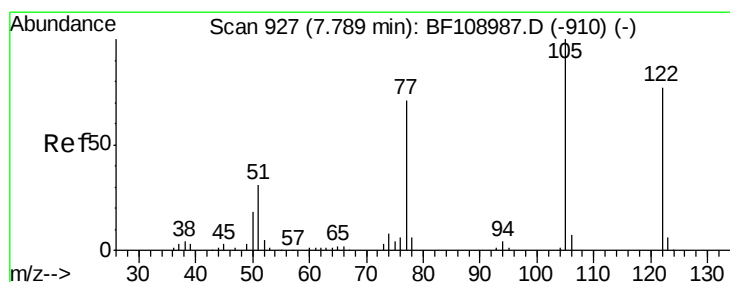
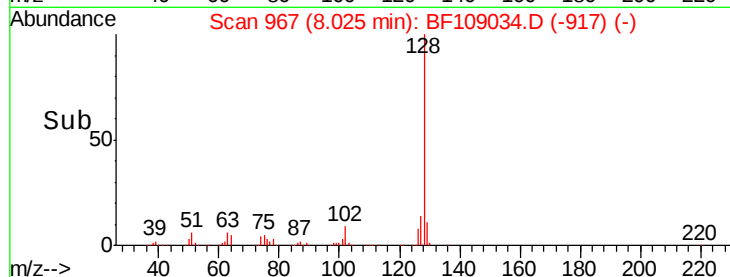
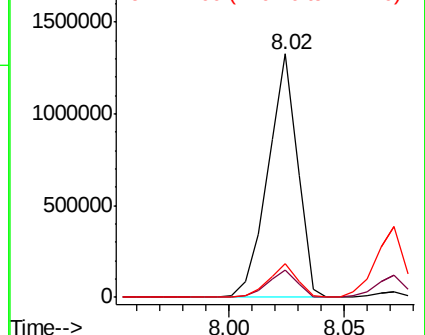
127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 49.862 ng

RT: 7.79 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF109034.D

Acq: 15 Sep 2018 9:34

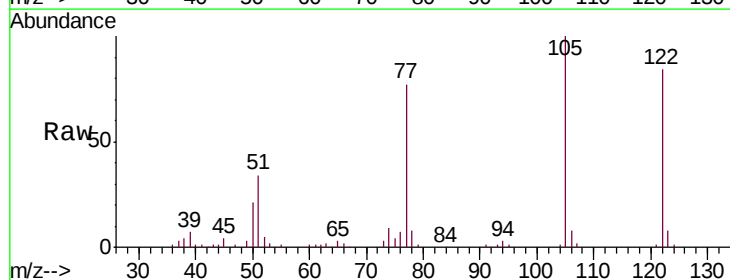
Tgt Ion:122 Resp: 239585

Ion Ratio Lower Upper

122 100

105 118.4 101.1 141.1

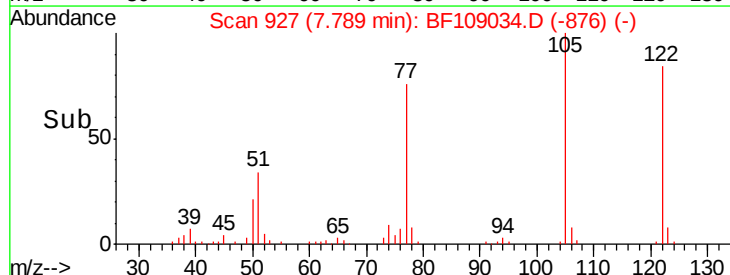
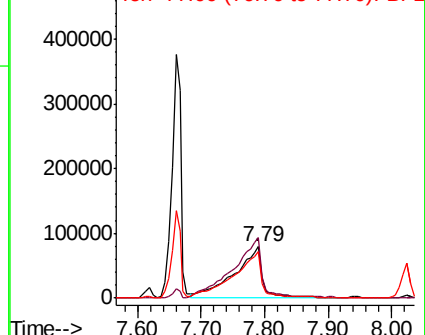
77 90.9 70.7 110.7

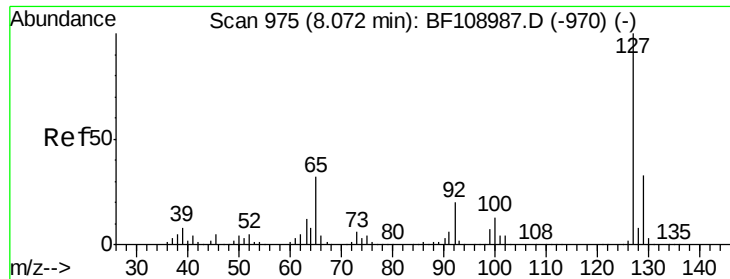


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

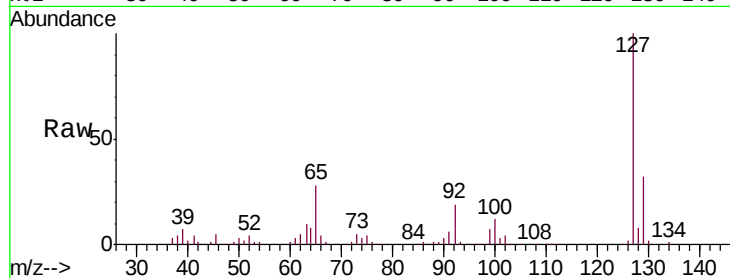




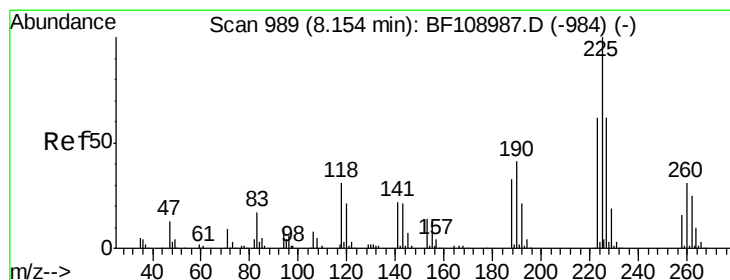
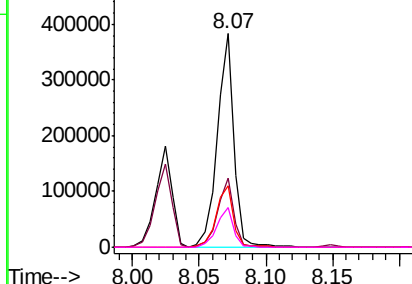
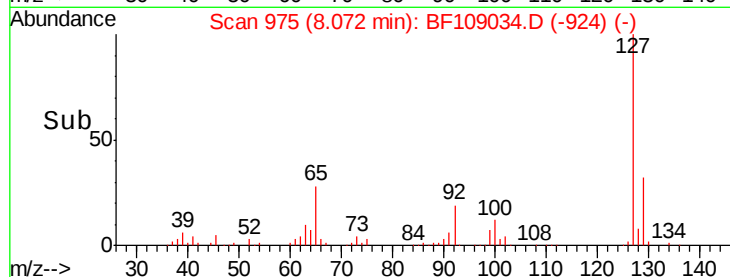
#33
 4-Chloroaniline
 Concen: 29.862 ng
 RT: 8.07 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

Instrument :
 BNA_F
 ClientSampleId :
 PB112873BS

Tgt Ion:	127	Resp:	336576
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	28.5	25.0	37.4
92	18.6	15.2	22.8

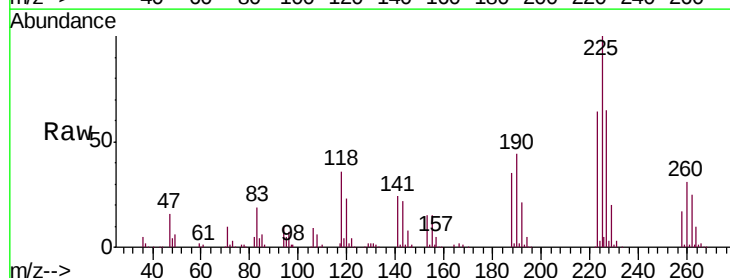


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

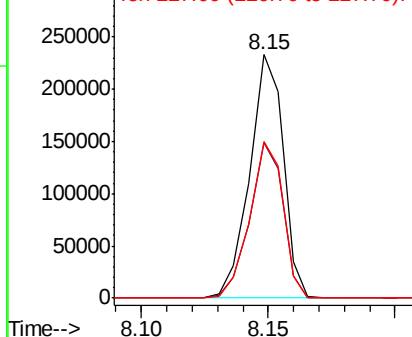
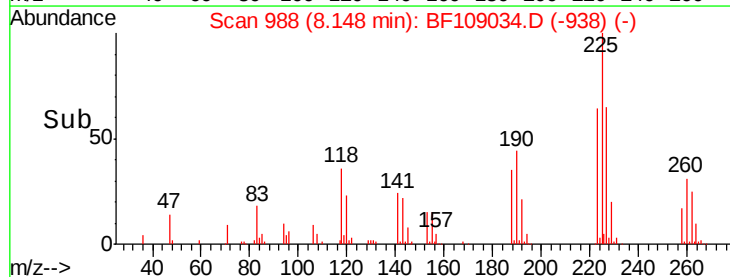


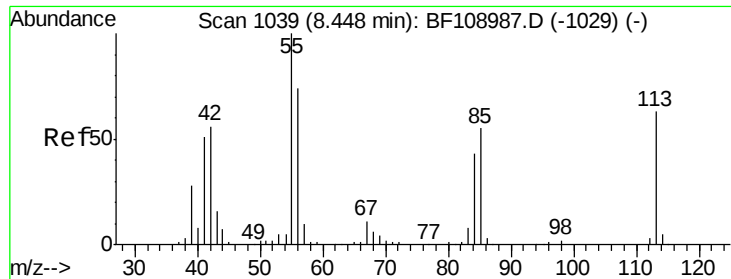
#34
 Hexachlorobutadiene
 Concen: 41.804 ng
 RT: 8.15 min Scan# 988
 Delta R.T. -0.01 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

Tgt Ion:	225	Resp:	216187
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.6	76.0
227	64.5	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E

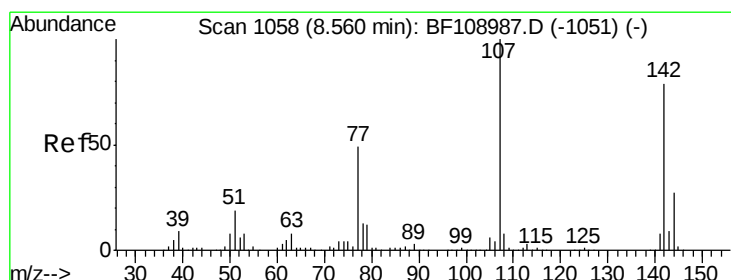
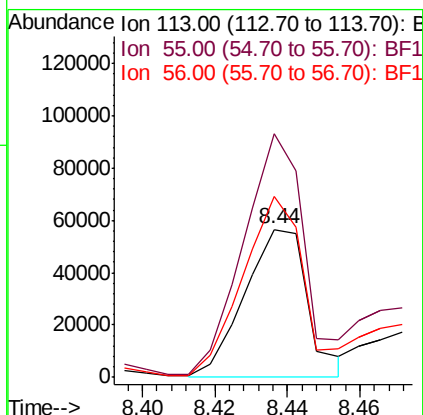
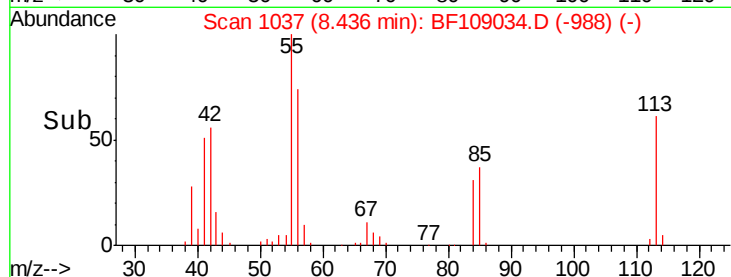
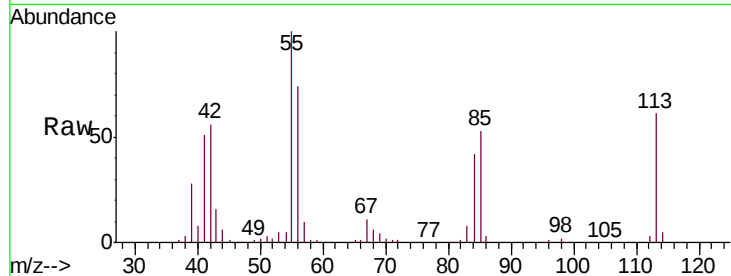




#35
 Caprolactam
 Concen: 26.805 ng
 RT: 8.44 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

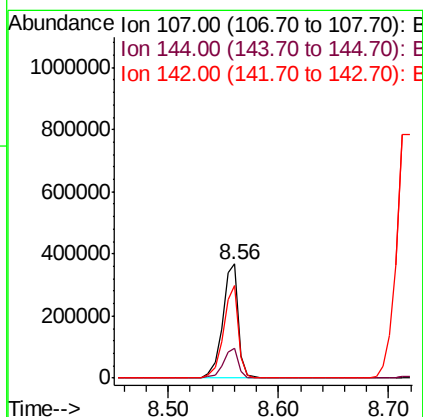
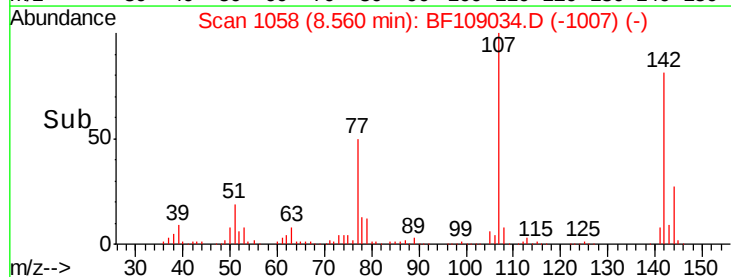
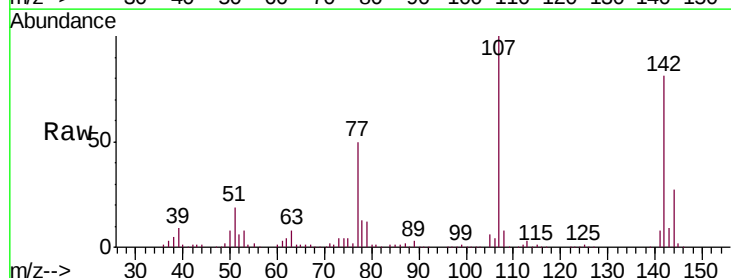
Instrument :
 BNA_F
 ClientSampleId :
 PB112873BS

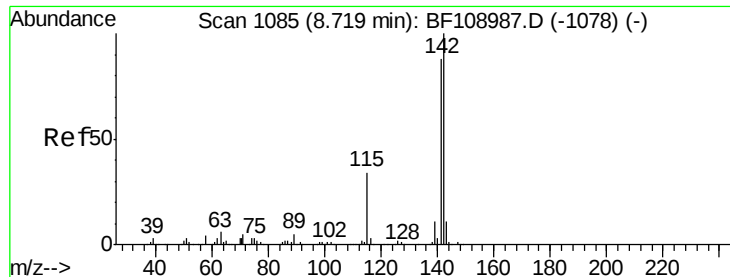
Tgt Ion:113 Resp: 68483
 Ion Ratio Lower Upper
 113 100
 55 164.9 163.3 203.3
 56 122.5 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 44.100 ng
 RT: 8.56 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

Tgt Ion:107 Resp: 363792
 Ion Ratio Lower Upper
 107 100
 144 26.8 20.5 30.7
 142 80.8 62.0 93.0

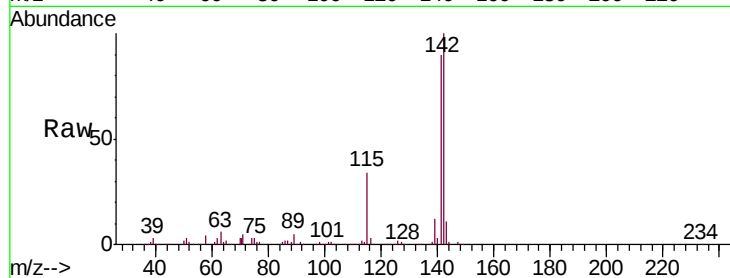




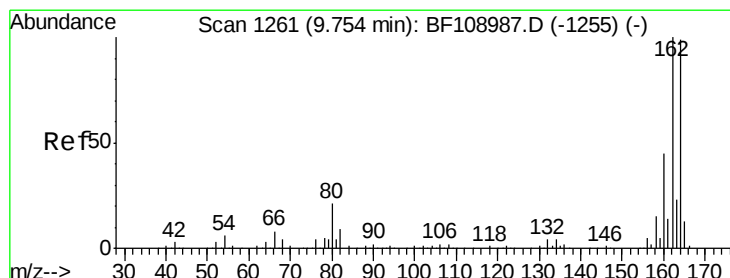
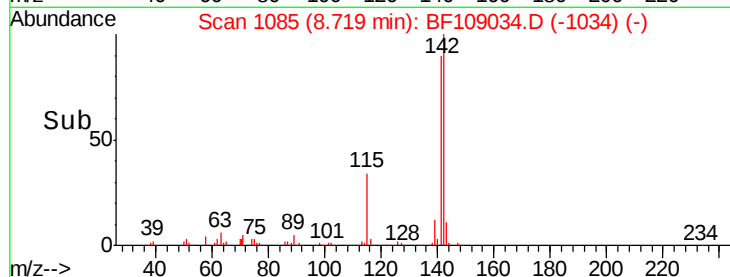
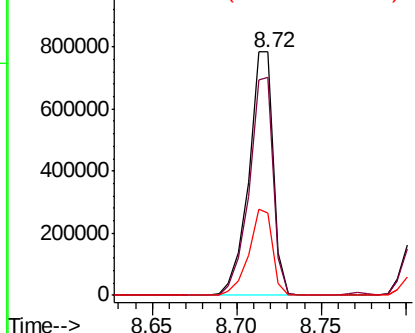
#37
 2-Methylnaphthalene
 Concen: 48.216 ng
 RT: 8.72 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

Instrument :
 BNA_F
 ClientSampleId :
 PB112873BS

Tgt Ion:142 Resp: 796753
 Ion Ratio Lower Upper
 142 100
 141 89.7 70.8 106.2
 115 34.0 26.1 39.1

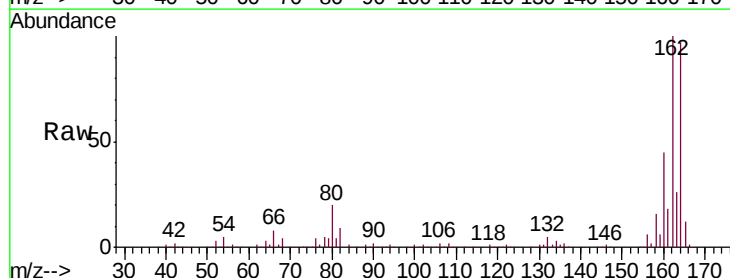


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

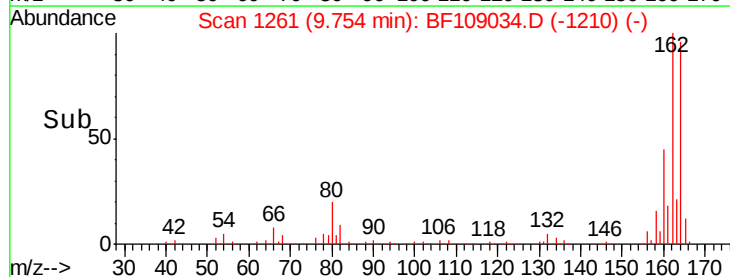
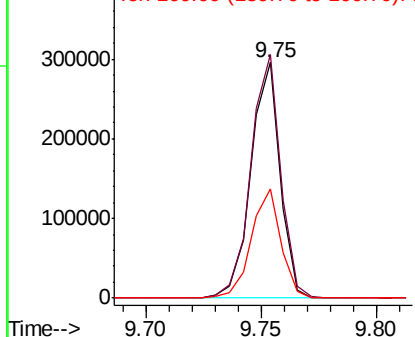


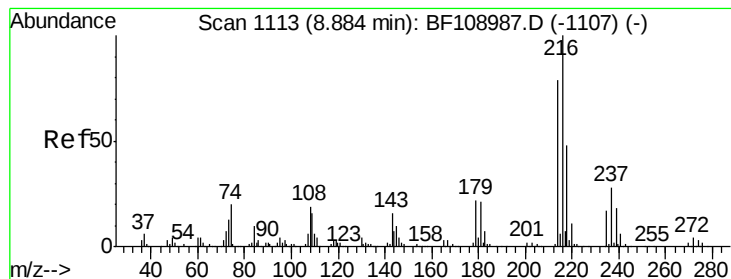
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

Tgt Ion:164 Resp: 261738
 Ion Ratio Lower Upper
 164 100
 162 103.3 86.1 129.1
 160 46.5 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: 41.438 ng

RT: 8.88 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BF109034.D

Acq: 15 Sep 2018 9:34

Instrument :

BNA_F

ClientSampleId :

PB112873BS

Tgt Ion: 216 Resp: 341363

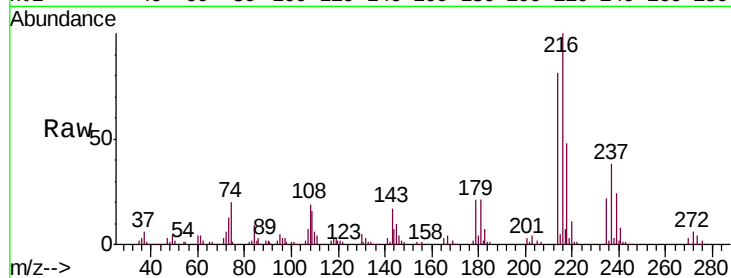
Ion Ratio Lower Upper

216 100

214 80.2 63.0 94.4

179 20.5 18.1 27.1

108 21.3 17.2 25.8

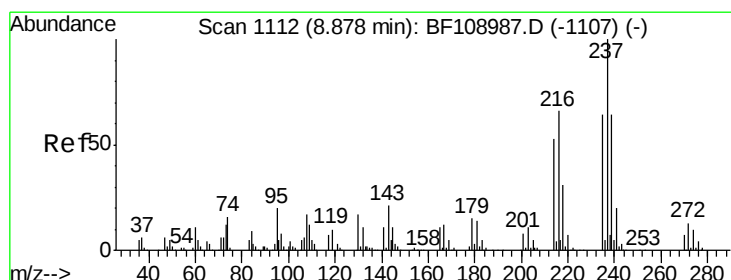
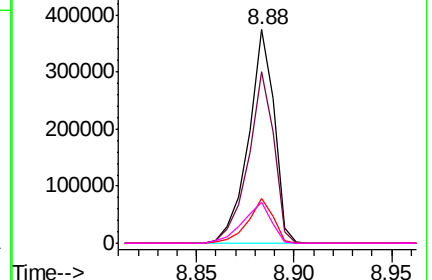
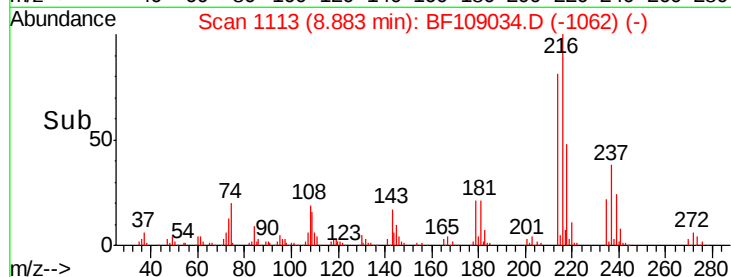


Abundance Ion 216.00 (215.70 to 216.70): E

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: 85.584 ng

RT: 8.88 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BF109034.D

Acq: 15 Sep 2018 9:34

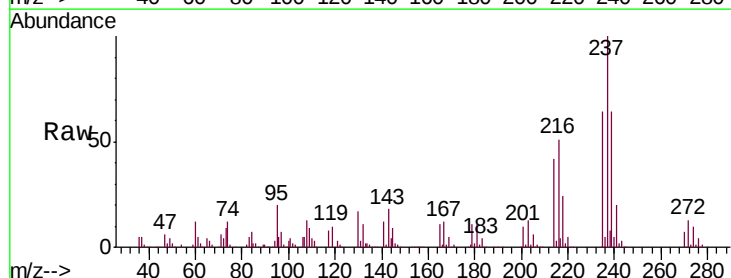
Tgt Ion: 237 Resp: 355225

Ion Ratio Lower Upper

237 100

235 63.6 44.8 84.8

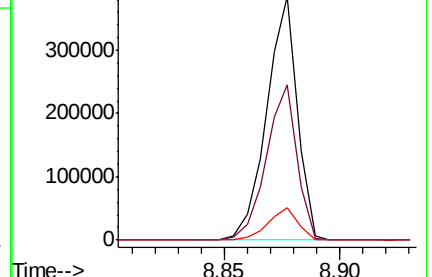
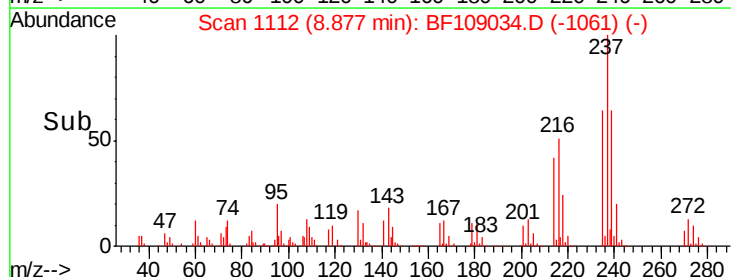
272 13.2 0.0 33.3

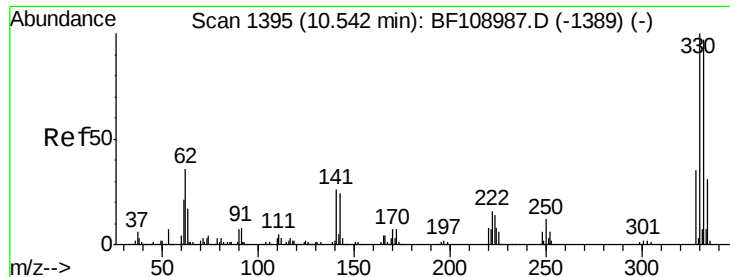


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

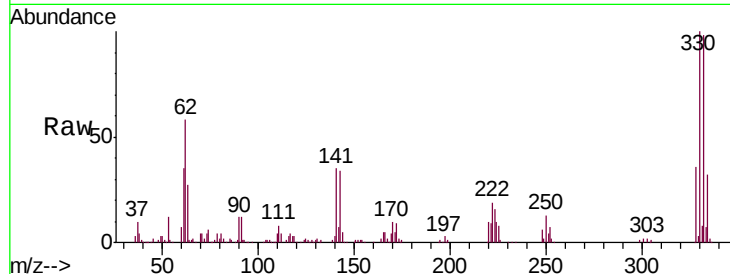




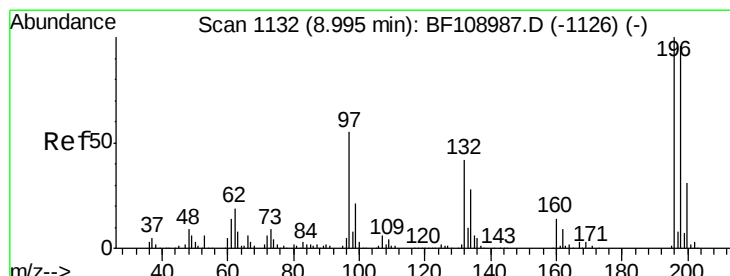
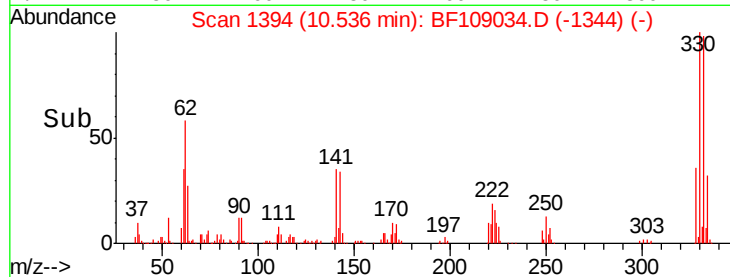
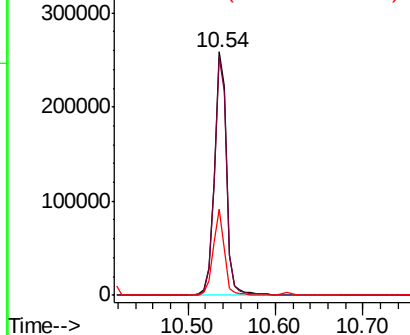
#41
 2,4,6-Tribromophenol
 Concen: 88.328 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

Instrument :
 BNA_F
 ClientSampleId :
 PB112873BS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	32.7	29.9	44.9

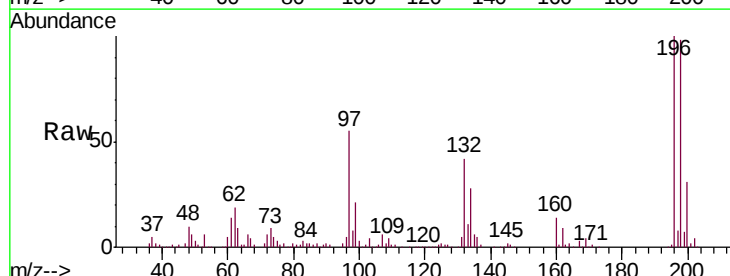


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

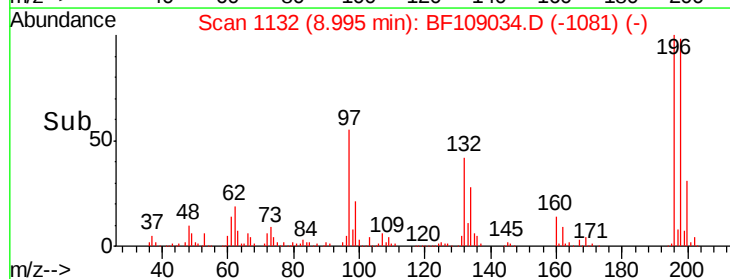
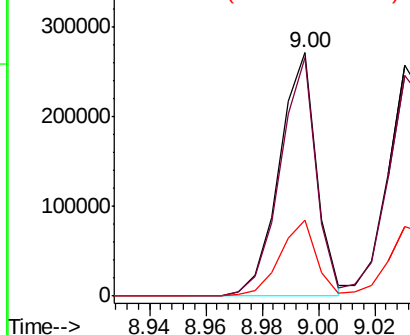


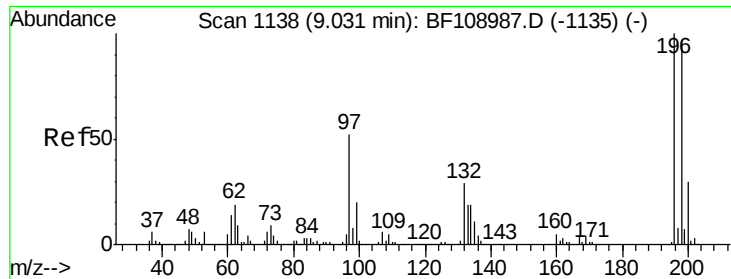
#42
 2,4,6-Trichlorophenol
 Concen: 44.644 ng
 RT: 9.00 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.8	75.7	113.5
200	31.1	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

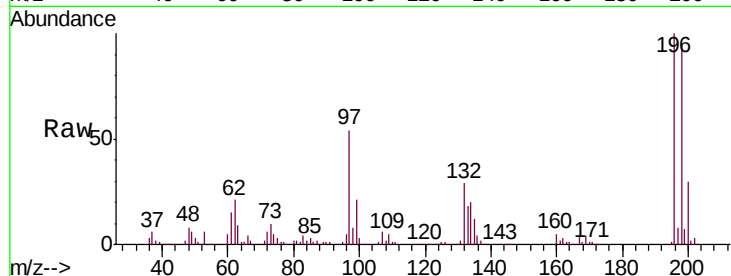




#43
 2,4,5-Trichlorophenol
 Concen: 45.444 ng
 RT: 9.03 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

Instrument :
 BNA_F
 ClientSampleId :
 PB112873BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	74.6	112.0
97	54.0	42.9	64.3
132	29.2	26.3	39.5



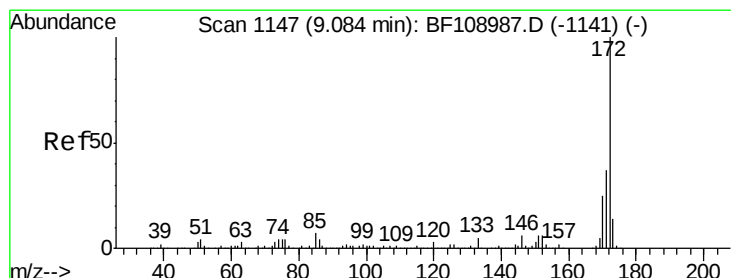
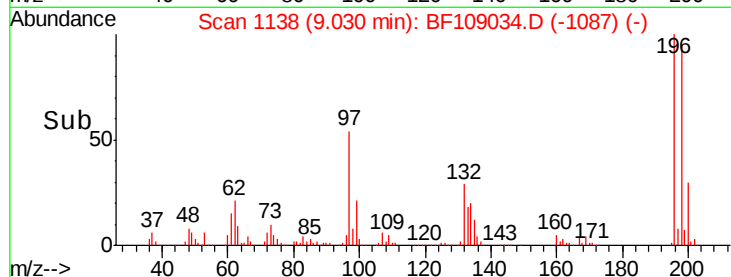
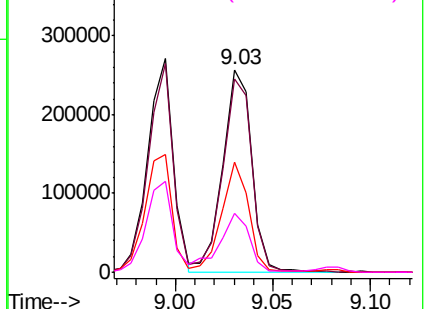
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

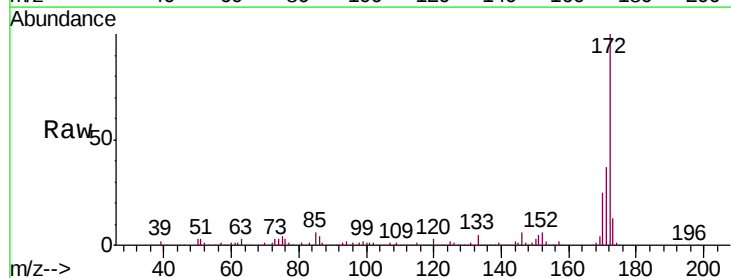
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 93.333 ng
 RT: 9.08 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.7	44.5
170	24.8	19.6	29.4

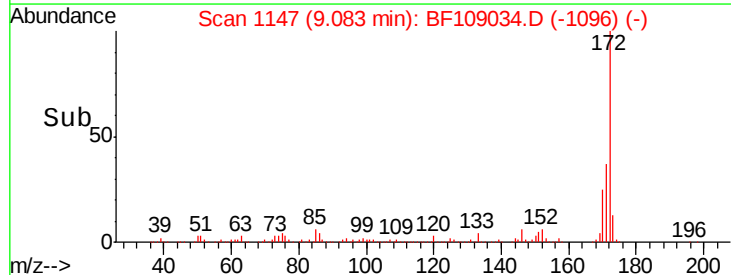
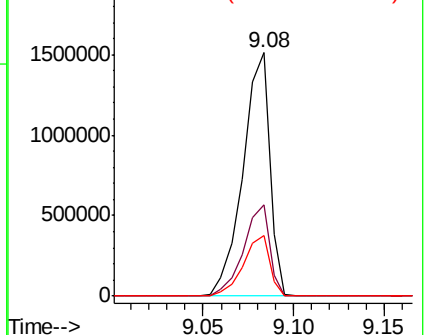


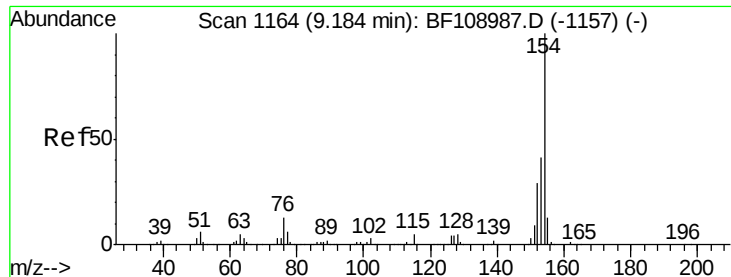
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

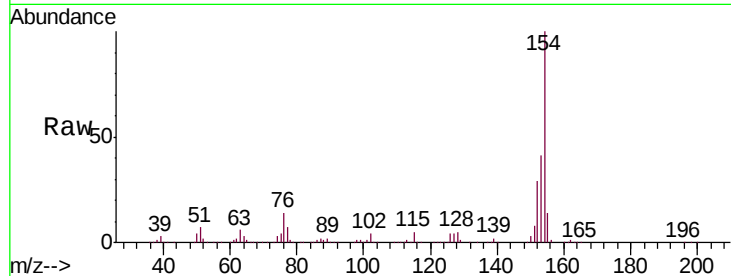




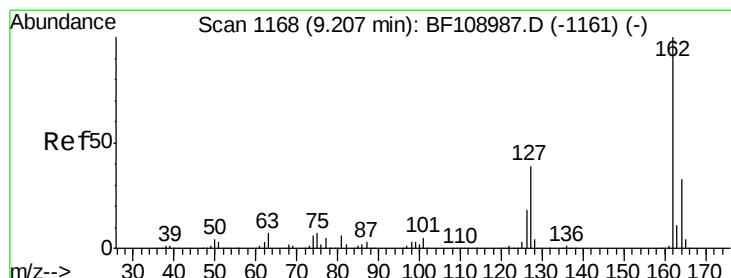
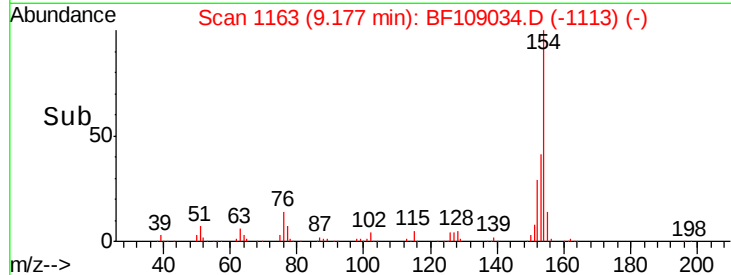
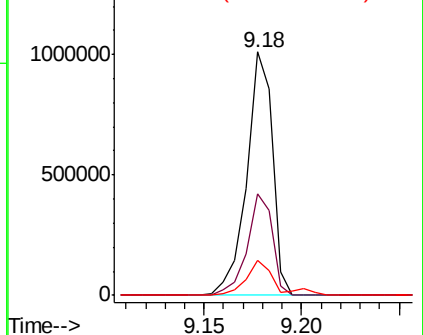
#45
 1,1'-Biphenyl
 Concen: 44.008 ng
 RT: 9.18 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

Instrument :
 BNA_F
 ClientSampleId :
 PB112873BS

Tgt Ion:	154	Resp:	921532
Ion Ratio	Lower	Upper	
154	100		
153	41.5	21.3	61.3
76	14.2	0.0	34.0

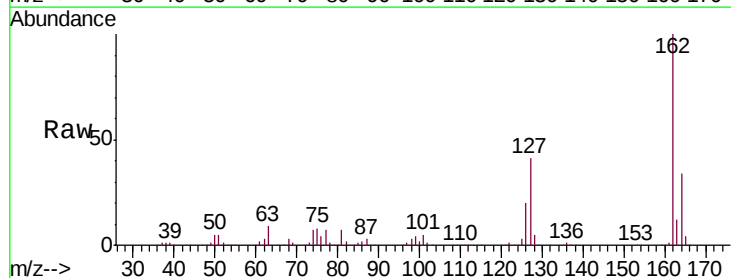


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

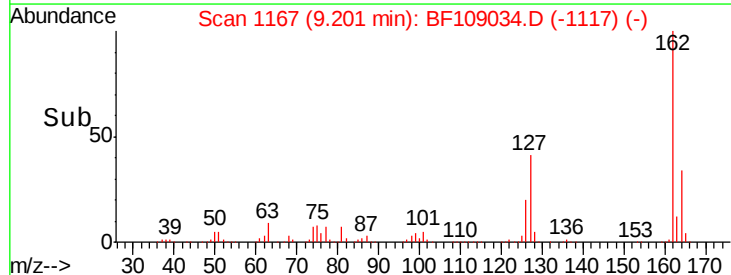
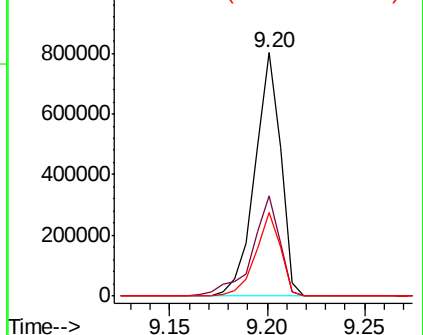


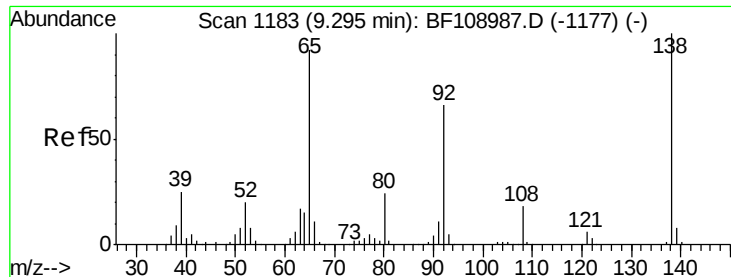
#46
 2-Chloronaphthalene
 Concen: 43.591 ng
 RT: 9.20 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

Tgt Ion:	162	Resp:	731025
Ion Ratio	Lower	Upper	
162	100		
127	41.1	33.9	50.9
164	34.4	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

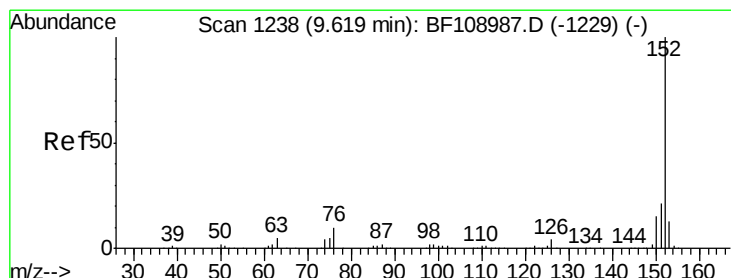
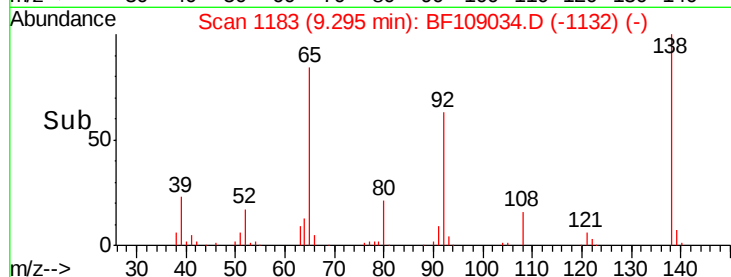
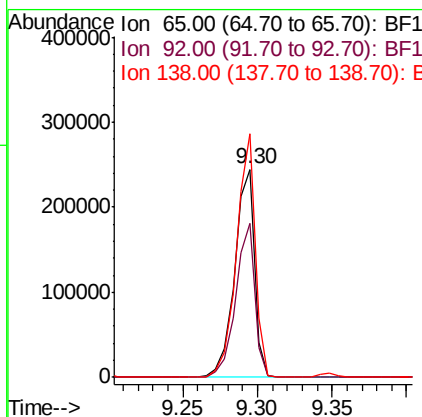
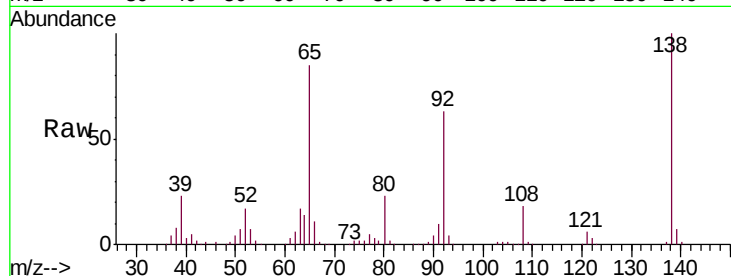




#47
 2-Nitroaniline
 Concen: 44.358 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

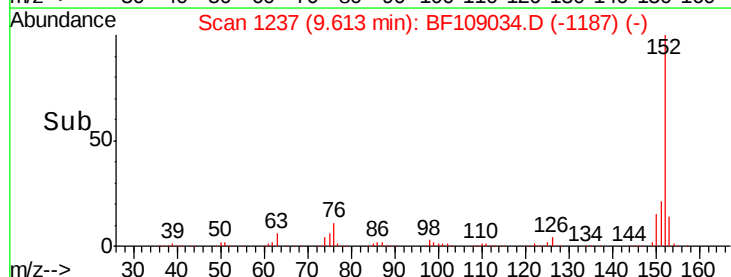
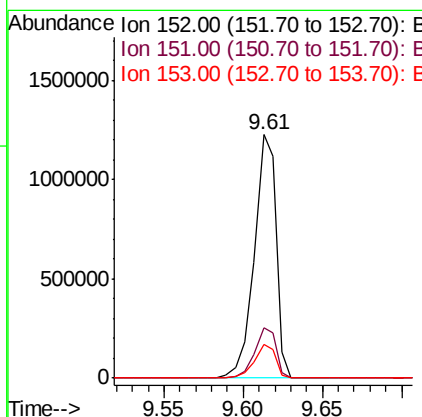
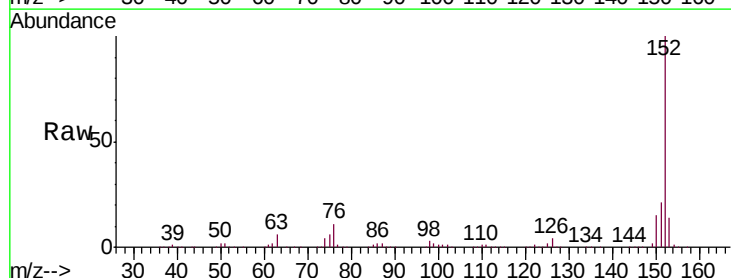
Instrument :
 BNA_F
 ClientSampleId :
 PB112873BS

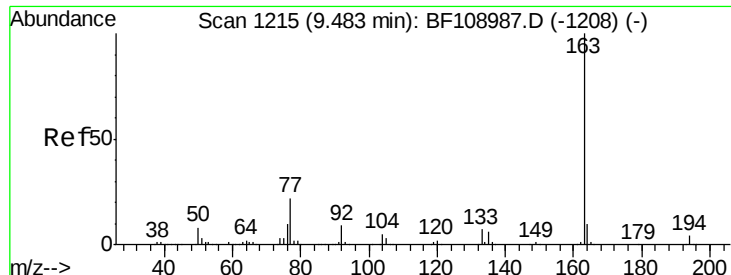
Tgt Ion:	65	Resp:	228691
Ion	Ratio	Lower	Upper
65	100		
92	73.9	55.8	83.6
138	117.1	91.2	136.8



#48
 Acenaphthylene
 Concen: 46.374 ng
 RT: 9.61 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

Tgt Ion:	152	Resp:	1172534
Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.3	24.5
153	13.9	10.7	16.1

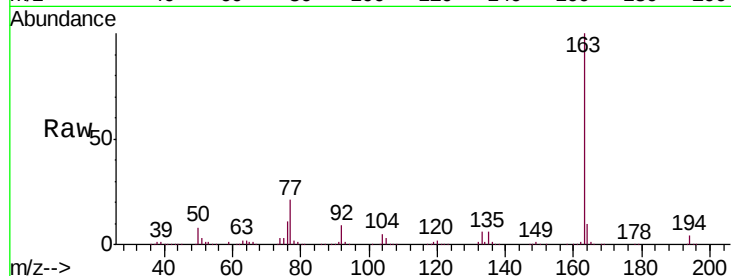




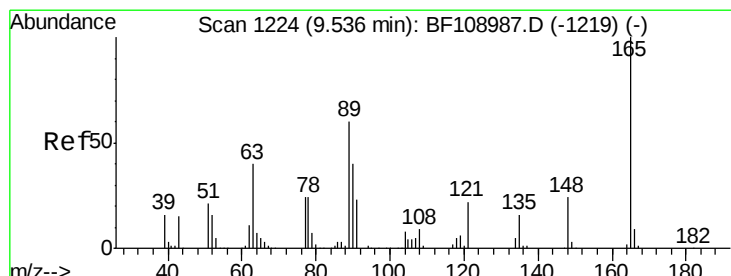
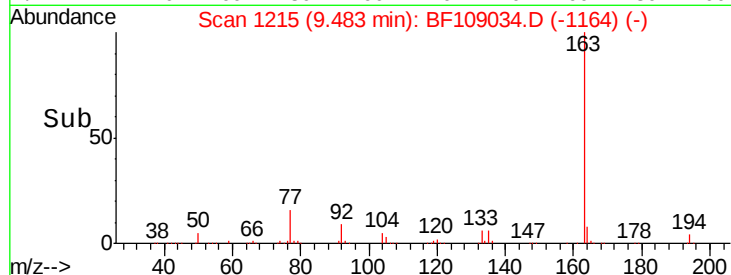
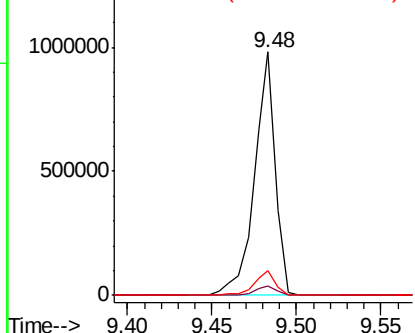
#49
Dimethylphthalate
Concen: 44.919 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.00 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Instrument :
BNA_F
ClientSampleId :
PB112873BS

Tgt Ion:163 Resp: 840312
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.2 8.2 12.2

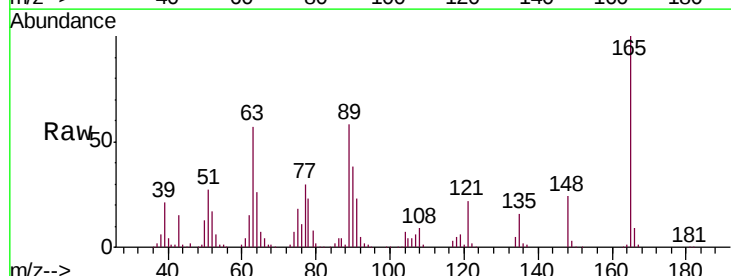


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

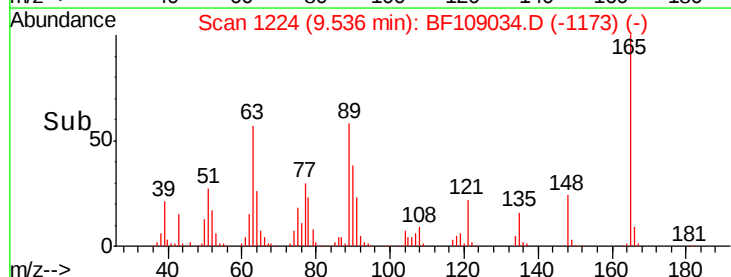
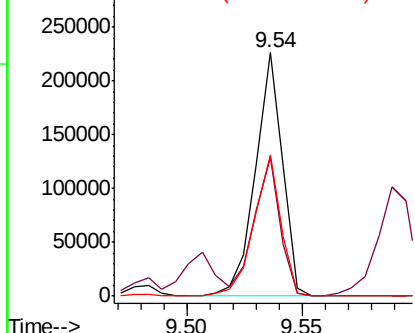


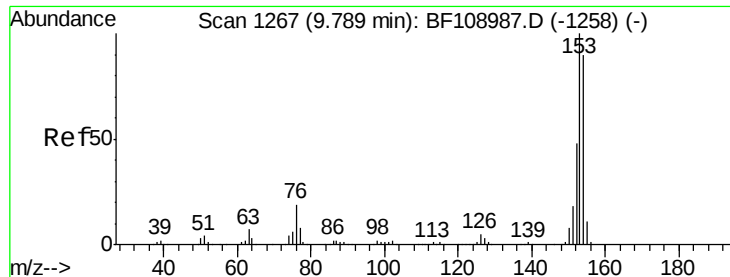
#50
2,6-Dinitrotoluene
Concen: 44.880 ng
RT: 9.54 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Tgt Ion:165 Resp: 186193
Ion Ratio Lower Upper
165 100
63 57.2 44.7 67.1
89 57.8 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: 47.480 ng

RT: 9.79 min Scan# 1267

Delta R.T. -0.00 min

Lab File: BF109034.D

Acq: 15 Sep 2018 9:34

Instrument :

BNA_F

ClientSampleId :

PB112873BS

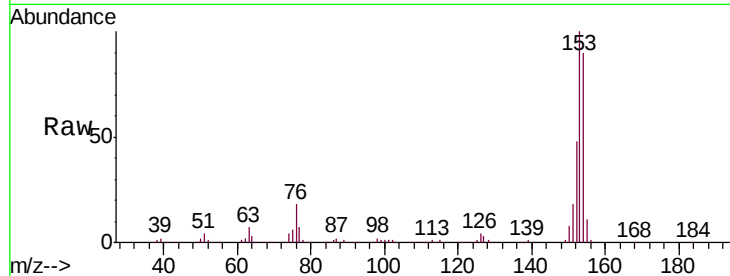
Tgt Ion:154 Resp: 747538

Ion Ratio Lower Upper

154 100

153 111.2 91.2 136.8

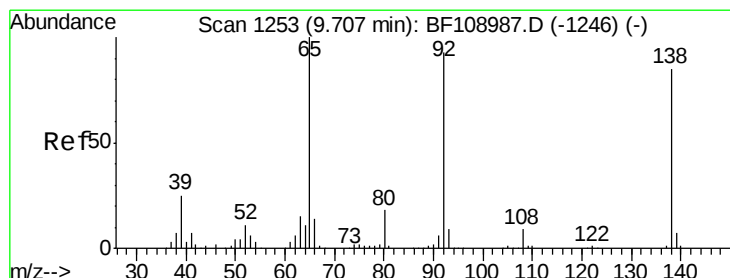
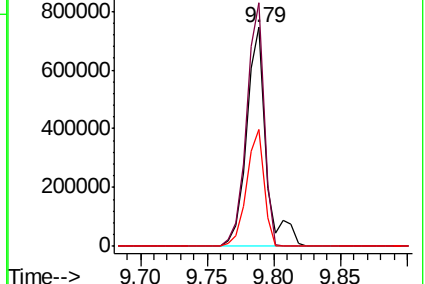
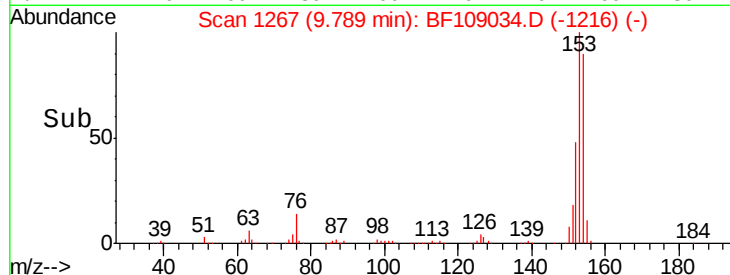
152 53.6 43.8 65.8



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: 30.991 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BF109034.D

Acq: 15 Sep 2018 9:34

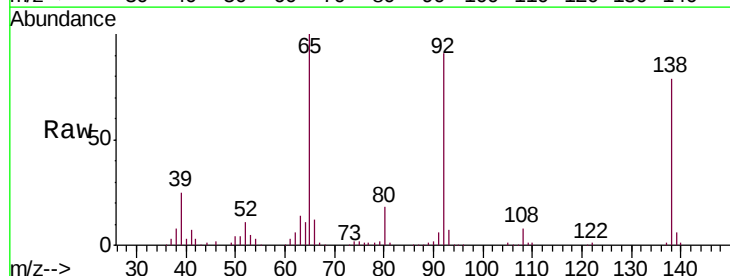
Tgt Ion:138 Resp: 151397

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

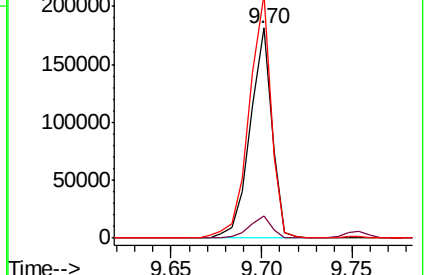
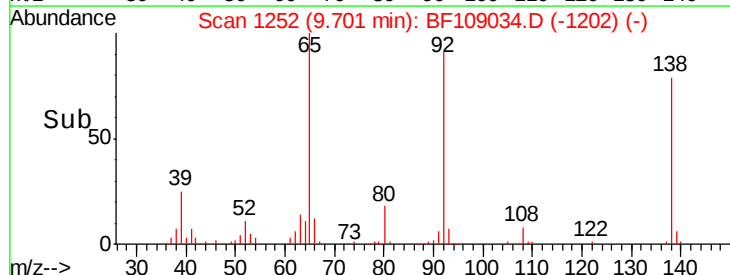
92 116.1 89.4 134.2

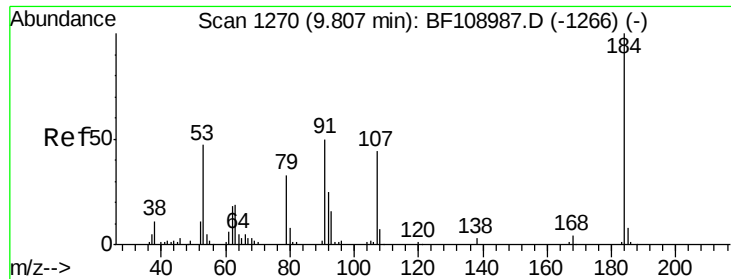


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

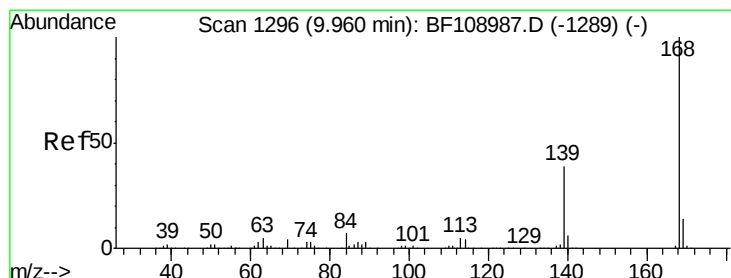
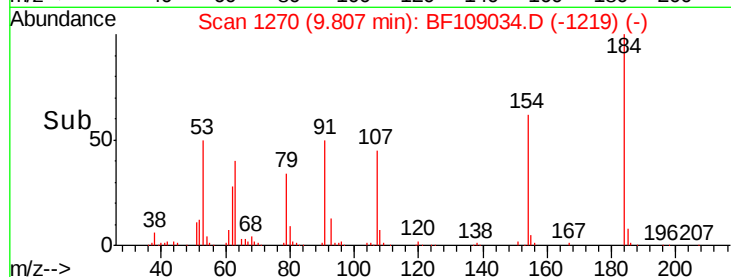
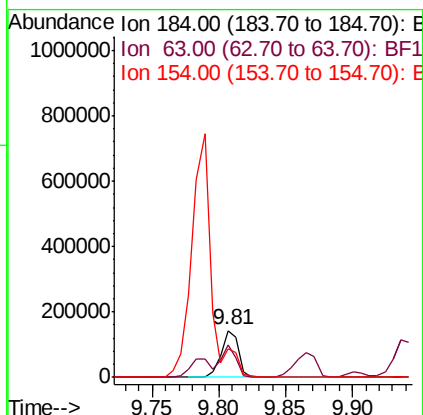
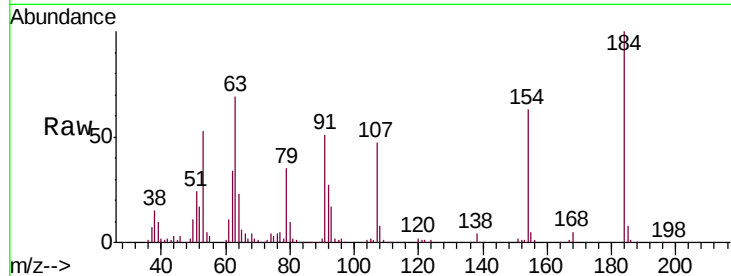




#53
 2,4-Dinitrophenol
 Concen: 82.638 ng
 RT: 9.81 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

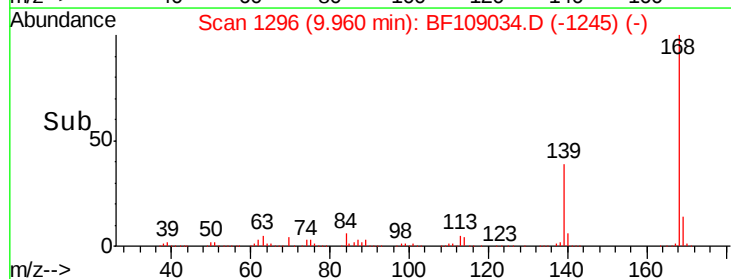
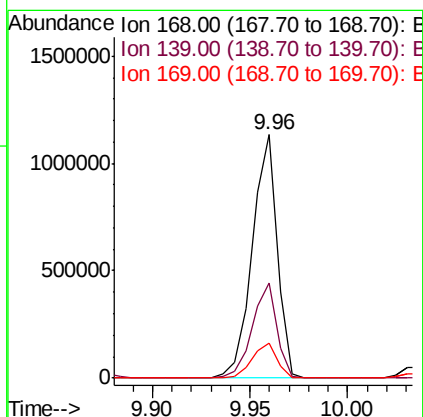
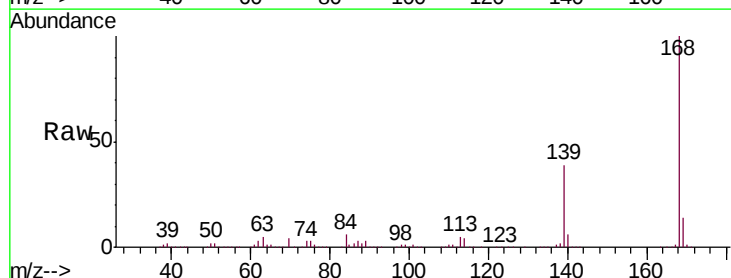
Instrument :
 BNA_F
 ClientSampleID :
 PB112873BS

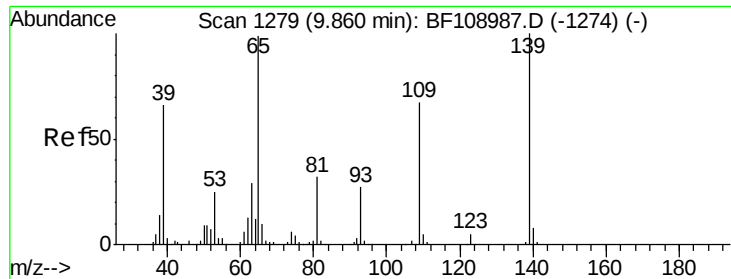
Tgt Ion:184 Resp: 132128
 Ion Ratio Lower Upper
 184 100
 63 69.0 54.2 81.2
 154 62.5 184.0 276.0#



#54
 Dibenzofuran
 Concen: 44.070 ng
 RT: 9.96 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

Tgt Ion:168 Resp: 1002670
 Ion Ratio Lower Upper
 168 100
 139 38.9 30.1 45.1
 169 14.2 10.9 16.3

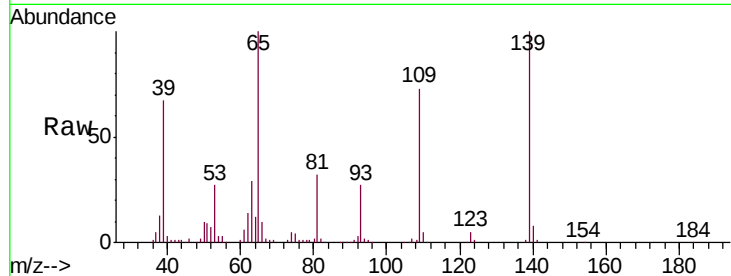




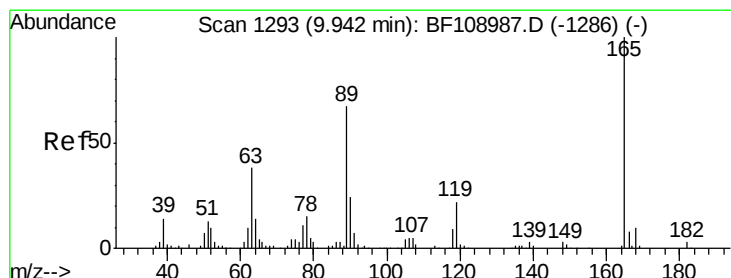
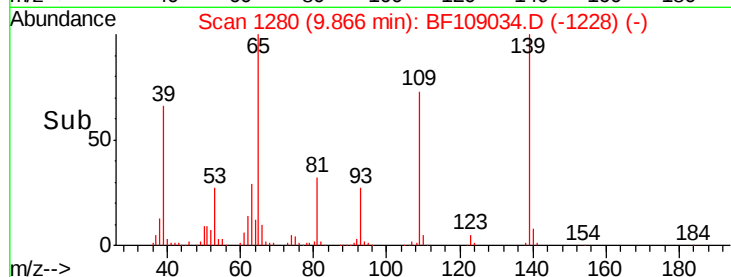
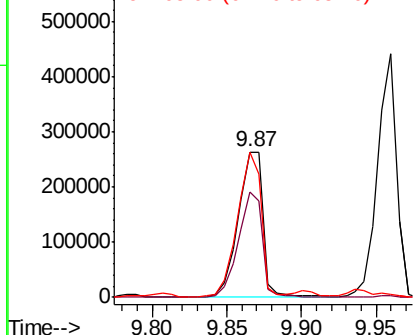
#55
4-Nitrophenol
Concen: 85.549 ng
RT: 9.87 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Instrument :
BNA_F
ClientSampleId :
PB112873BS

Tgt Ion:139 Resp: 307912
Ion Ratio Lower Upper
139 100
109 72.8 48.4 88.4
65 99.8 72.6 112.6

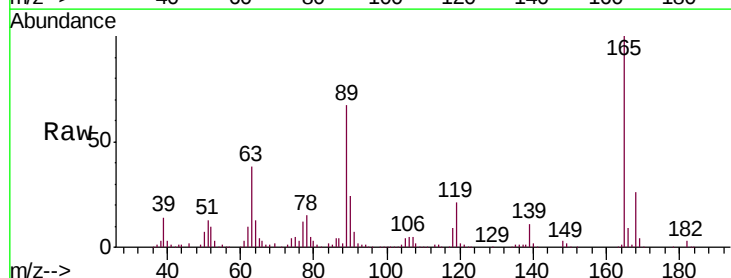


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

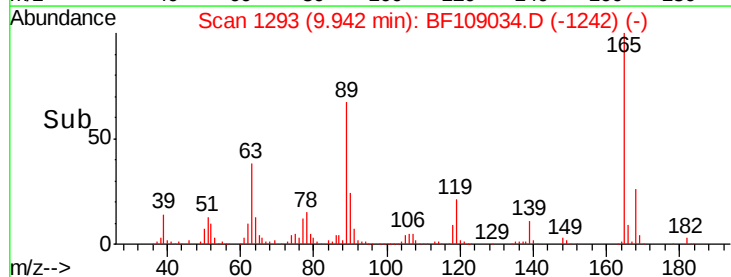
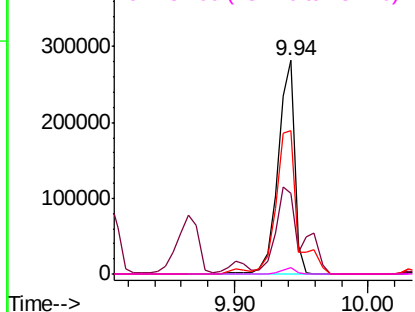


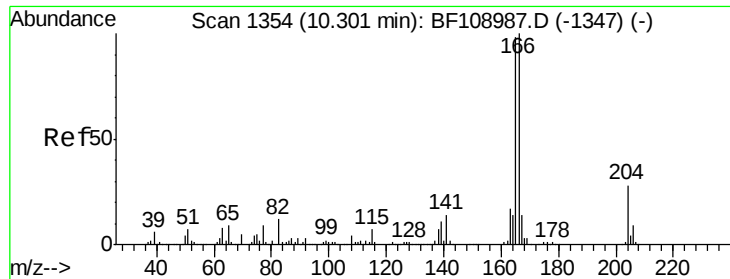
#56
2,4-Dinitrotoluene
Concen: 45.620 ng
RT: 9.94 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Tgt Ion:165 Resp: 247514
Ion Ratio Lower Upper
165 100
63 37.8 36.4 54.6
89 67.0 57.8 86.6
182 2.7 1.6 2.4#



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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 47.520 ng

RT: 10.30 min Scan# 1354

Delta R.T. -0.00 min

Lab File: BF109034.D

Acq: 15 Sep 2018 9:34

Instrument :

BNA_F

ClientSampleId :

PB112873BS

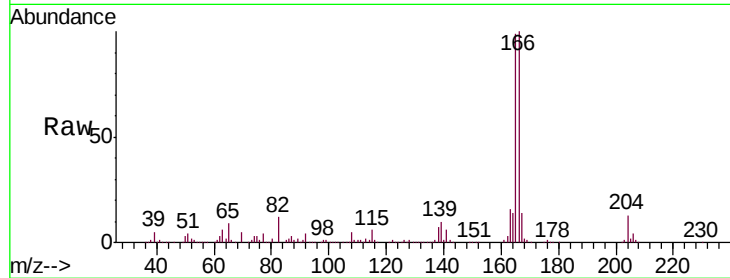
Tgt Ion:166 Resp: 720503

Ion Ratio Lower Upper

166 100

165 99.3 79.8 119.8

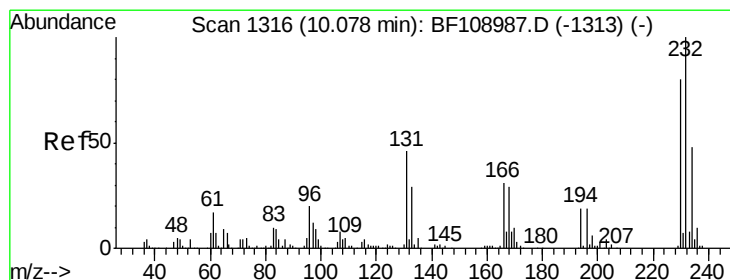
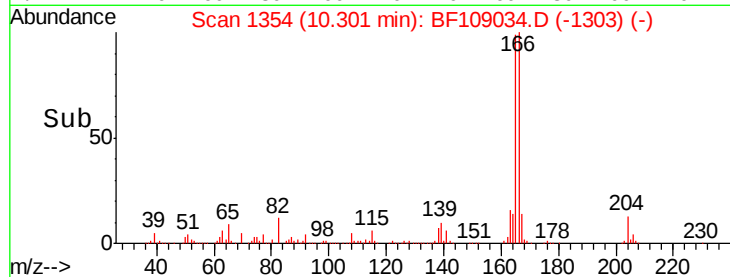
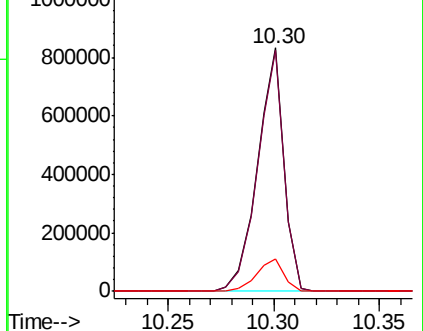
167 13.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.156 ng

RT: 10.08 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BF109034.D

Acq: 15 Sep 2018 9:34

Tgt Ion:232 Resp: 221144

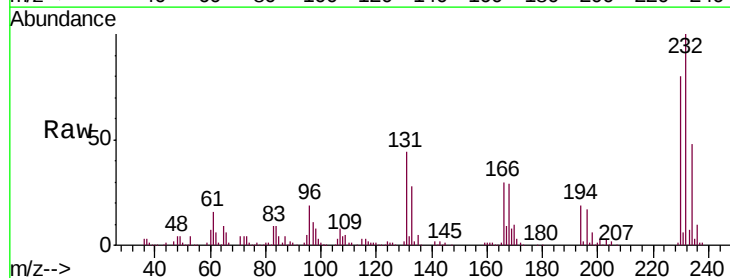
Ion Ratio Lower Upper

232 100

131 46.6 43.8 65.8

130 2.2 2.1 3.1

166 30.3 27.8 41.6

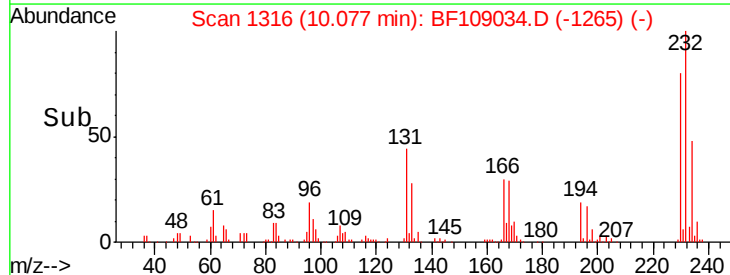
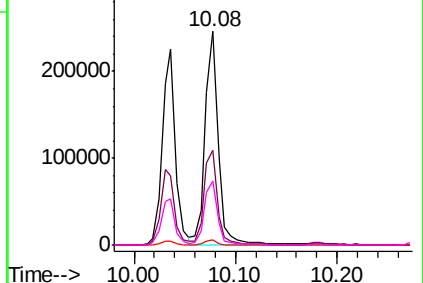


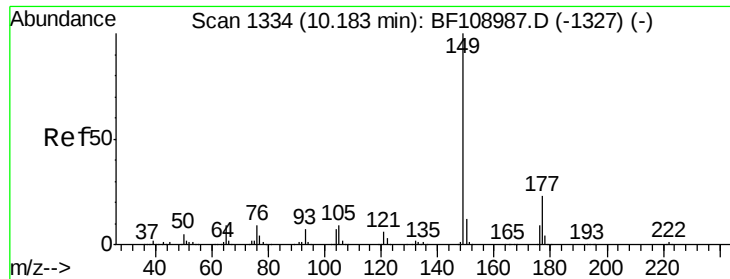
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 43.955 ng

RT: 10.18 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF109034.D

Acq: 15 Sep 2018 9:34

Instrument :

BNA_F

ClientSampleId :

PB112873BS

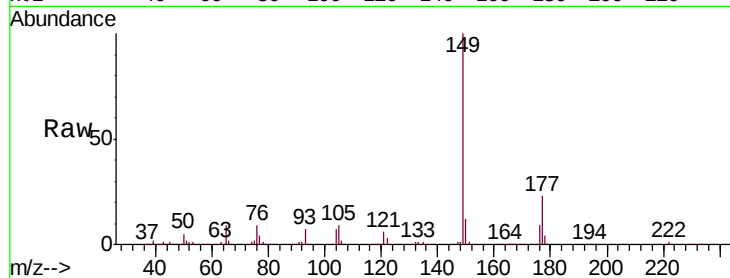
Tgt Ion:149 Resp: 830371

Ion Ratio Lower Upper

149 100

177 22.5 16.1 24.1

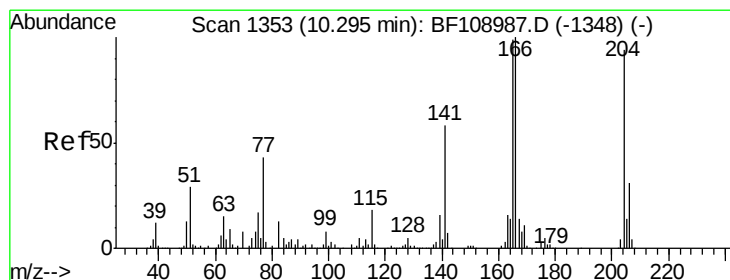
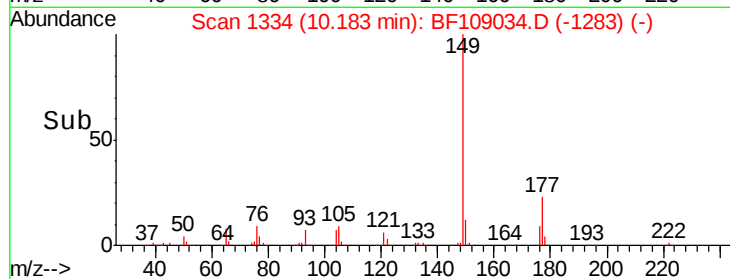
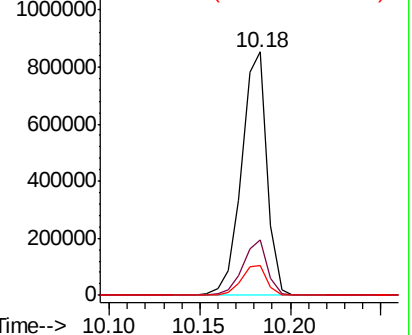
150 12.4 10.1 15.1



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: 42.501 ng

RT: 10.30 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF109034.D

Acq: 15 Sep 2018 9:34

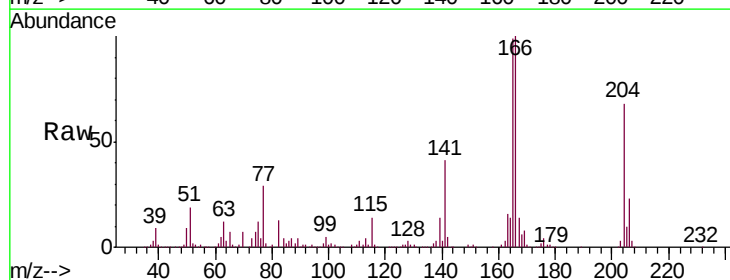
Tgt Ion:204 Resp: 345058

Ion Ratio Lower Upper

204 100

206 33.2 26.5 39.7

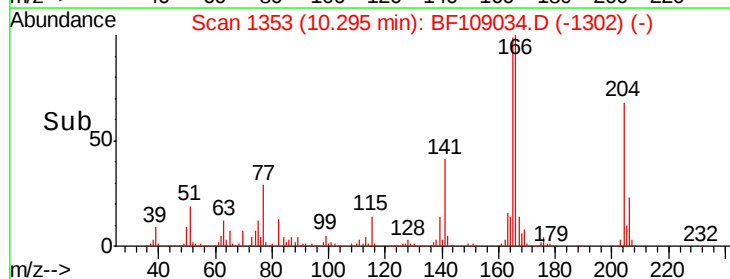
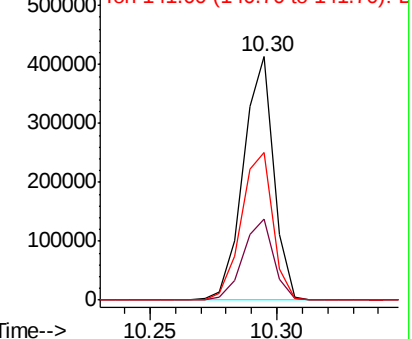
141 60.7 54.6 81.8

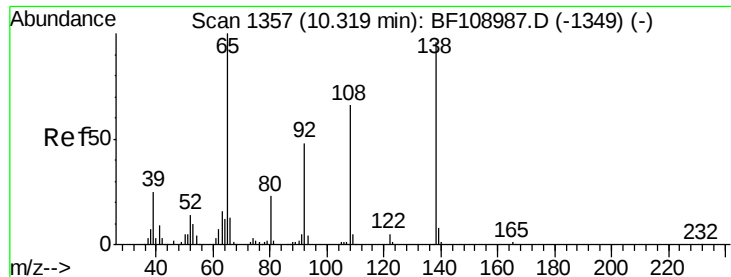


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

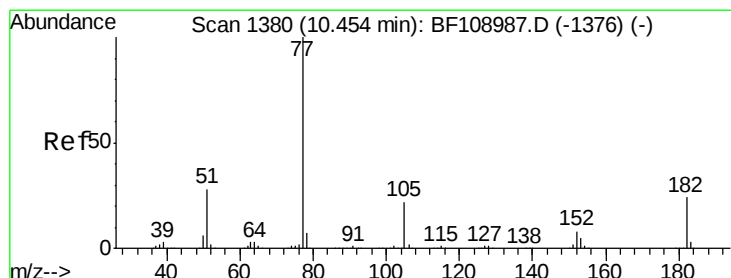
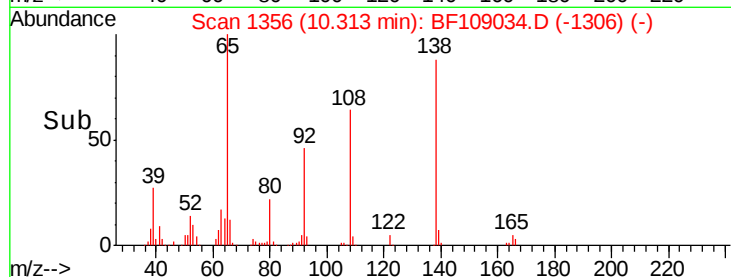
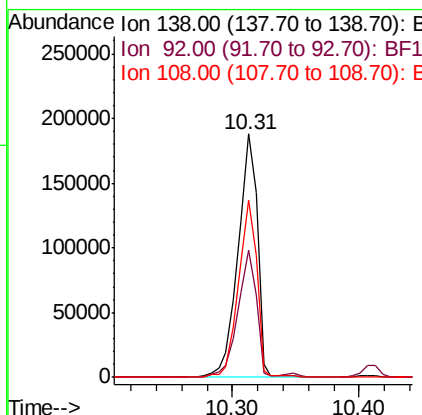
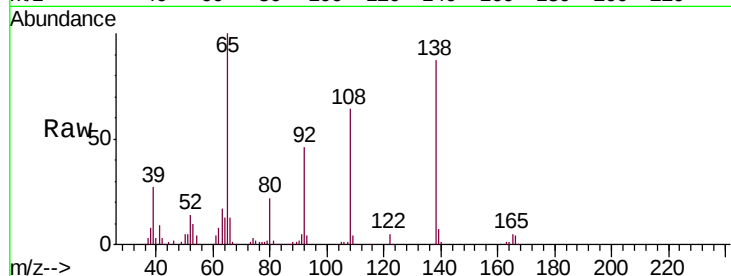




#61
4-Nitroaniline
Concen: 42.739 ng
RT: 10.31 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

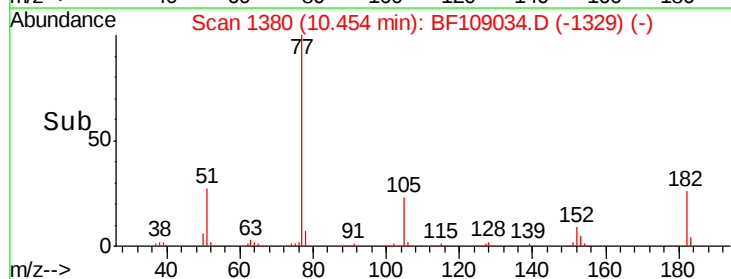
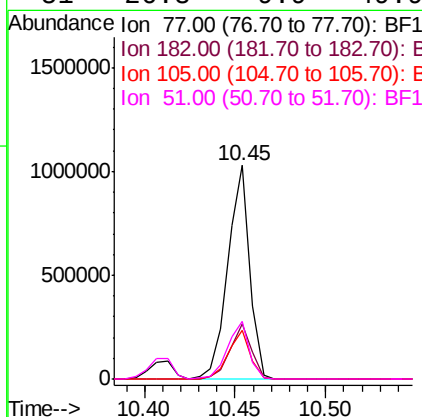
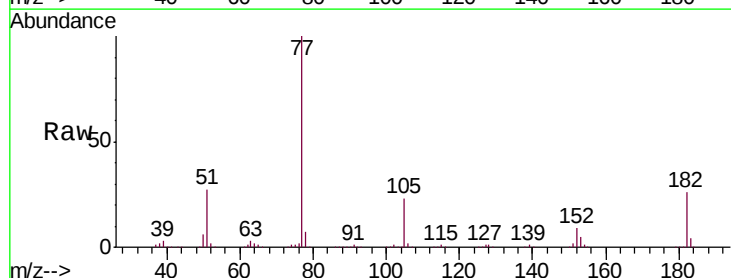
Instrument :
BNA_F
ClientSampleId :
PB112873BS

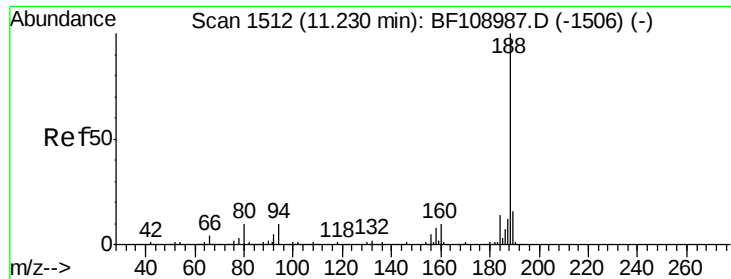
Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.2	30.2	70.2
108	72.7	52.5	92.5



#62
Azobenzene
Concen: 44.533 ng
RT: 10.45 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.0	1.7	41.7
105	22.9	3.0	43.0
51	26.8	9.9	49.9

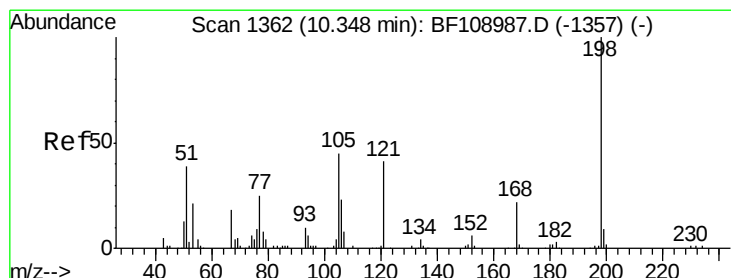
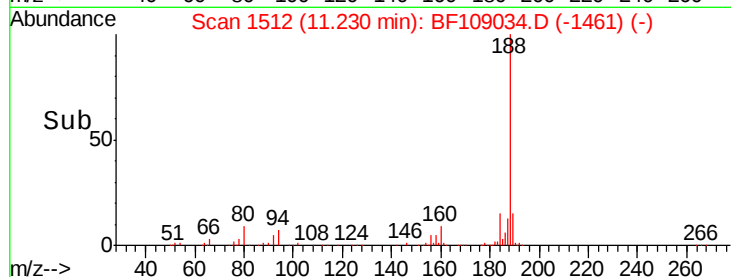
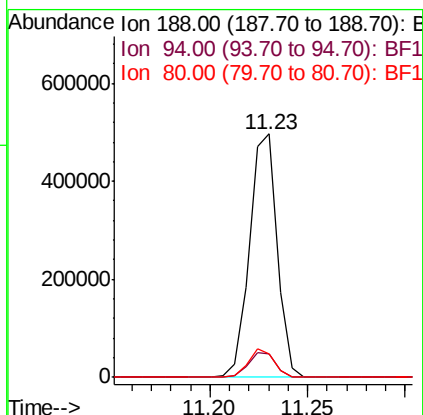
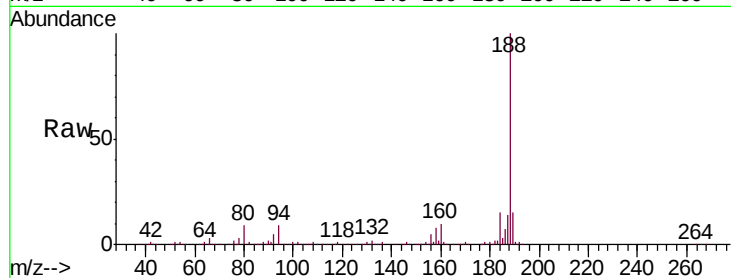




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

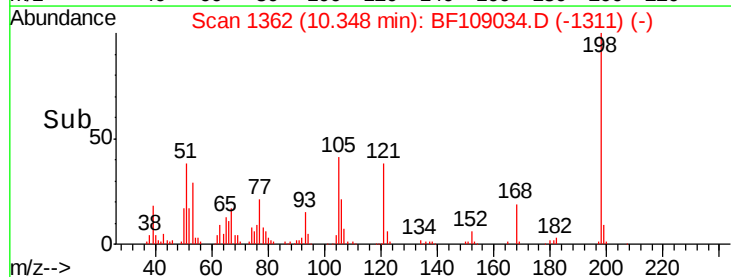
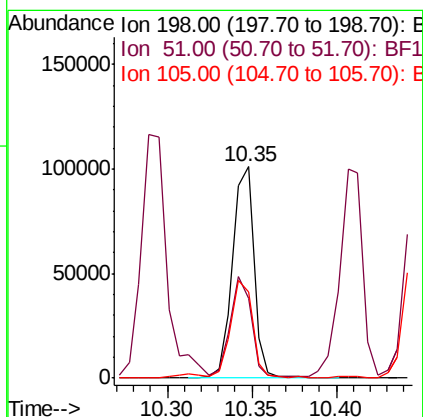
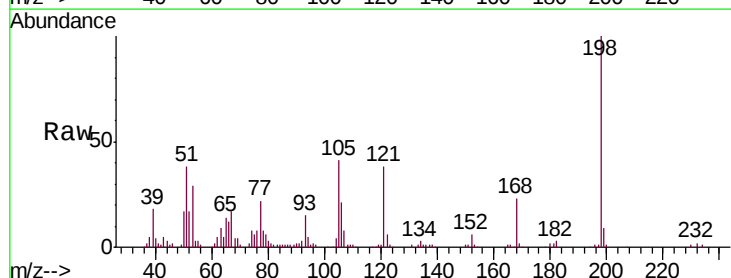
Instrument :
BNA_F
ClientSampleId :
PB112873BS

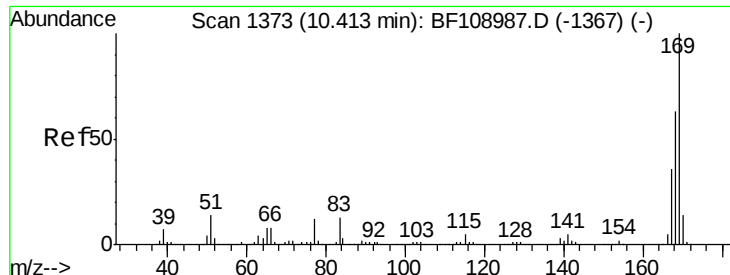
Tgt Ion:188 Resp: 486423
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 9.4 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 38.419 ng
RT: 10.35 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Tgt Ion:198 Resp: 89413
Ion Ratio Lower Upper
198 100
51 37.7 37.7 77.7
105 40.6 36.3 76.3

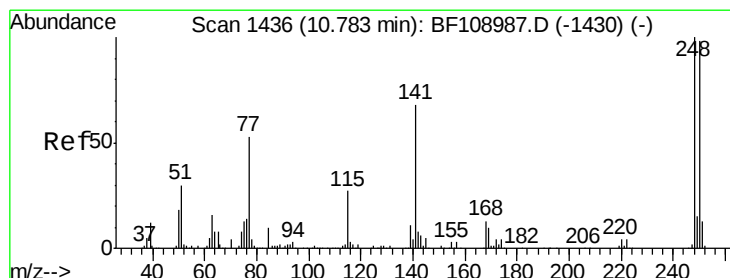
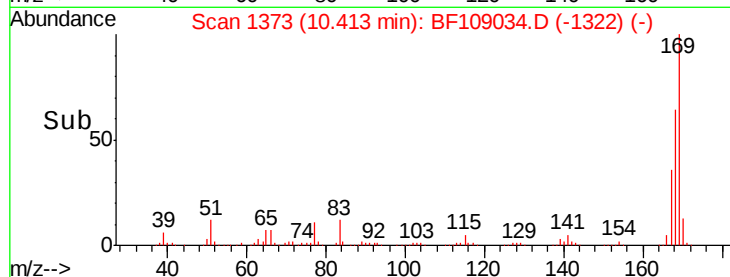
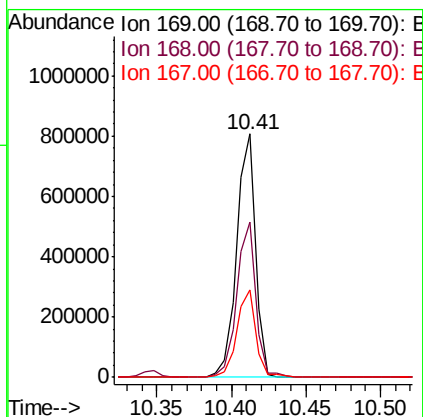
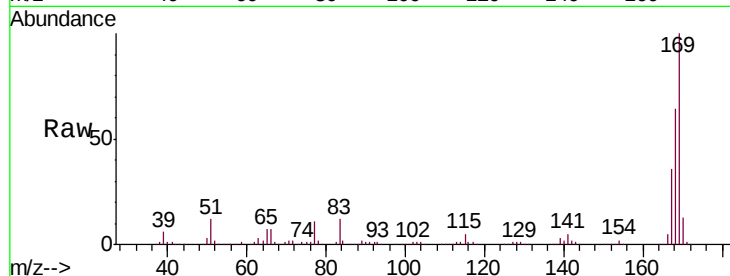




#65
 n-Nitrosodiphenylamine
 Concen: 45.171 ng
 RT: 10.41 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

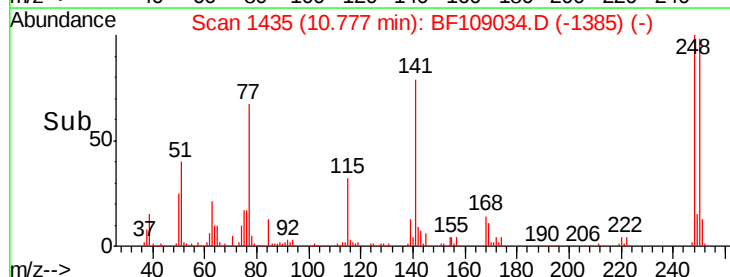
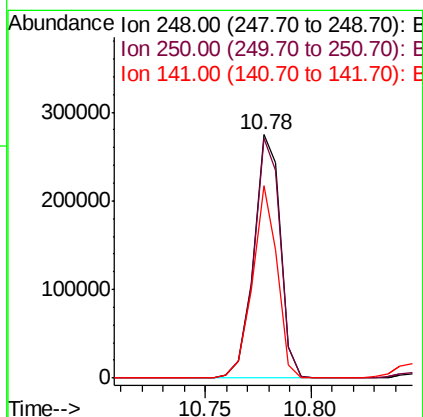
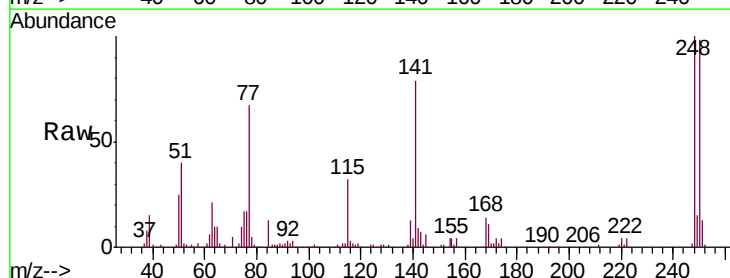
Instrument :
 BNA_F
 ClientSampleId :
 PB112873BS

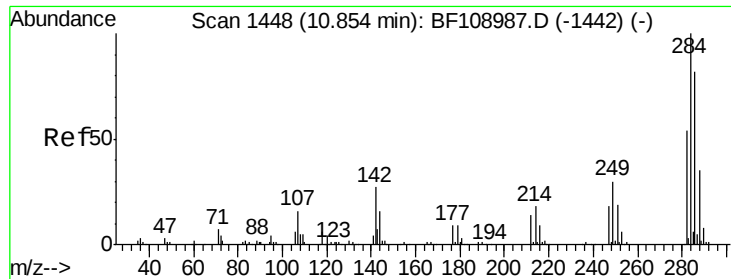
Tgt Ion:169 Resp: 718725
 Ion Ratio Lower Upper
 169 100
 168 64.0 54.4 81.6
 167 36.0 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 43.974 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

Tgt Ion:248 Resp: 241144
 Ion Ratio Lower Upper
 248 100
 250 98.3 76.9 115.3
 141 78.9 74.4 111.6

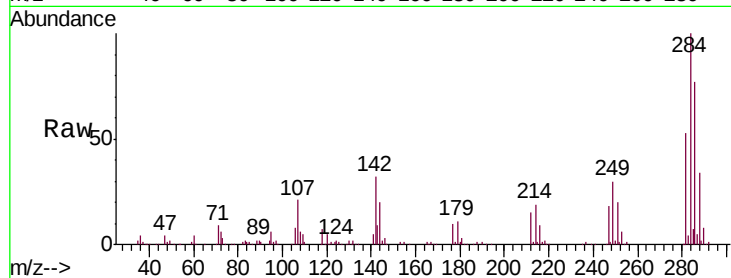




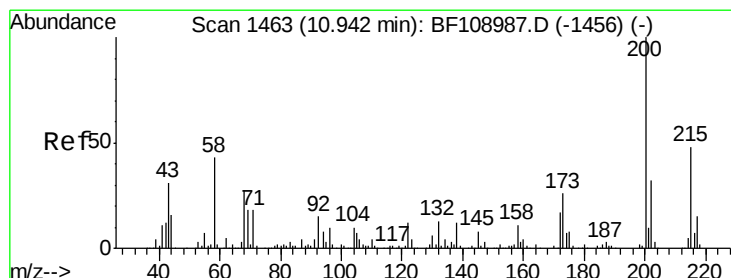
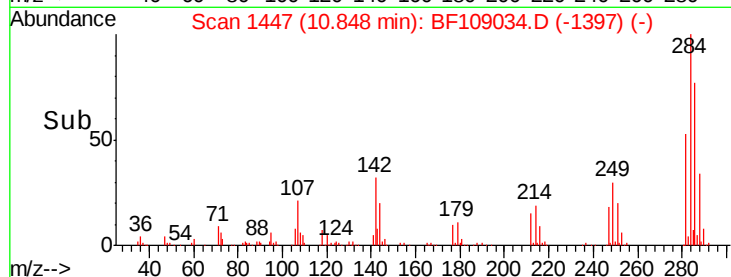
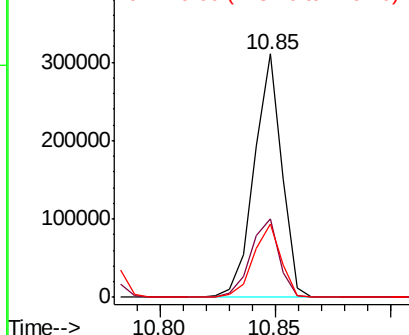
#67
Hexachlorobenzene
Concen: 44.069 ng
RT: 10.85 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Instrument :
BNA_F
ClientSampleId :
PB112873BS

Tgt Ion: 284 Resp: 258494
Ion Ratio Lower Upper
284 100
142 32.3 34.6 52.0#
249 30.1 24.8 37.2

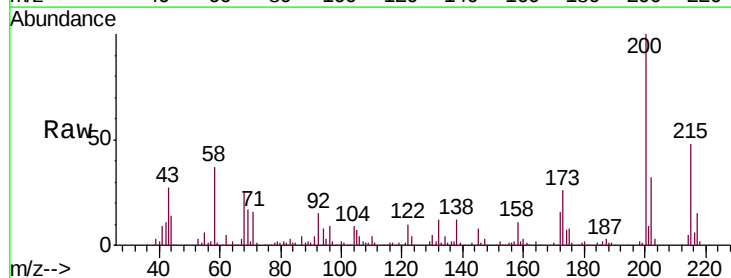


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

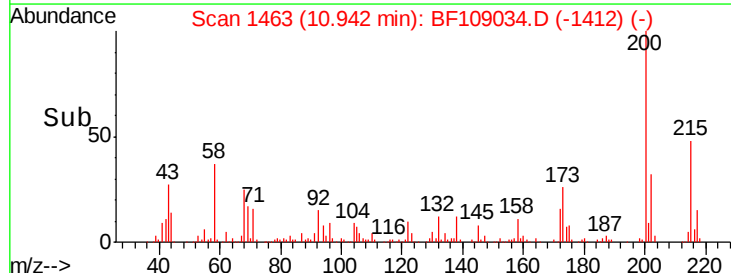
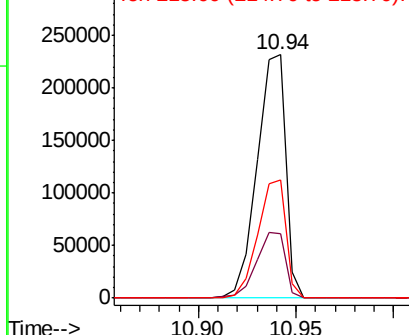


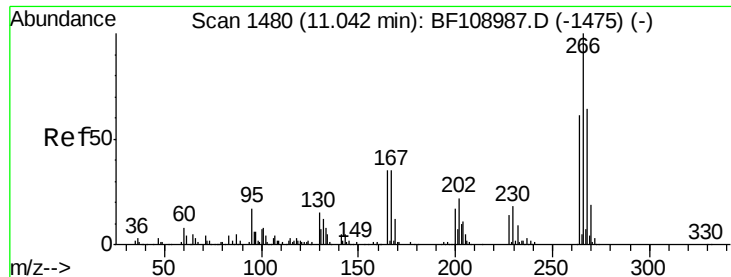
#68
Atrazine
Concen: 46.336 ng
RT: 10.94 min Scan# 1463
Delta R.T. -0.00 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Tgt Ion: 200 Resp: 236010
Ion Ratio Lower Upper
200 100
173 26.2 8.6 48.6
215 48.4 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

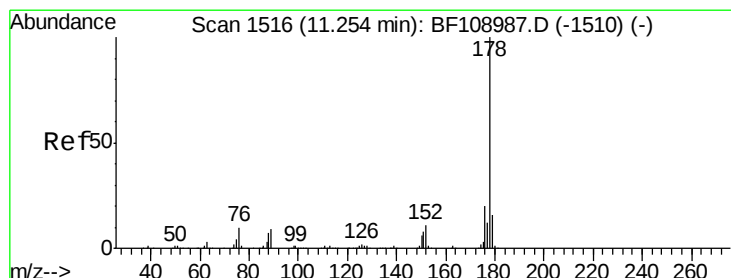
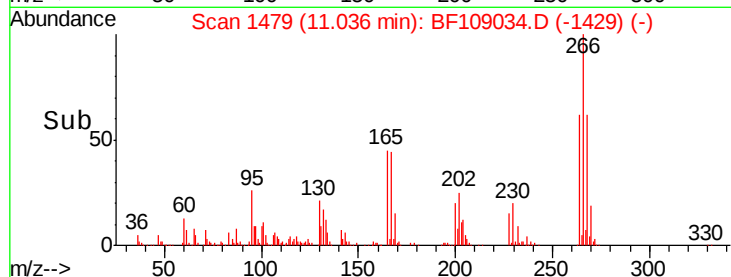
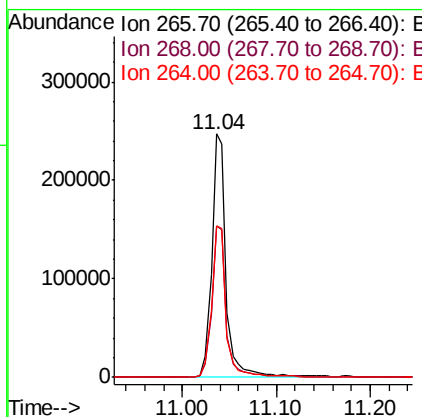
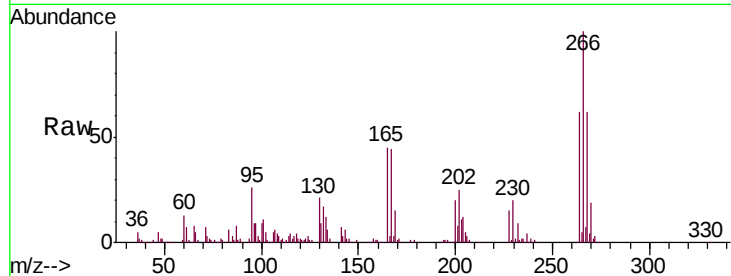




#69
 Pentachlorophenol
 Concen: 71.680 ng
 RT: 11.04 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

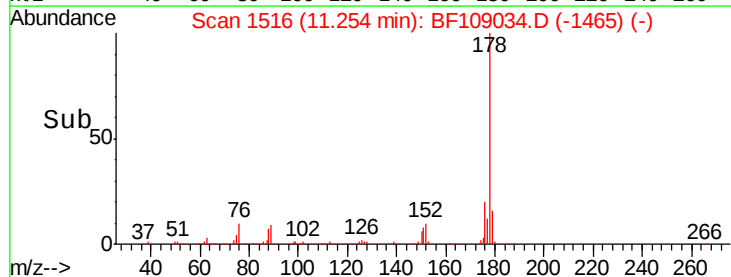
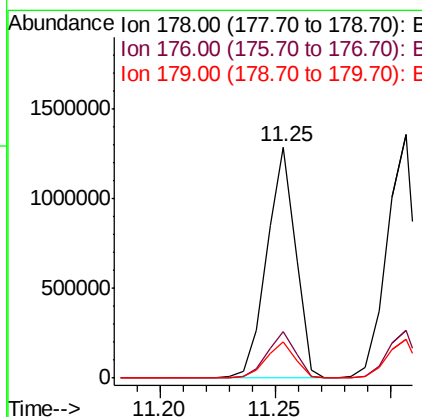
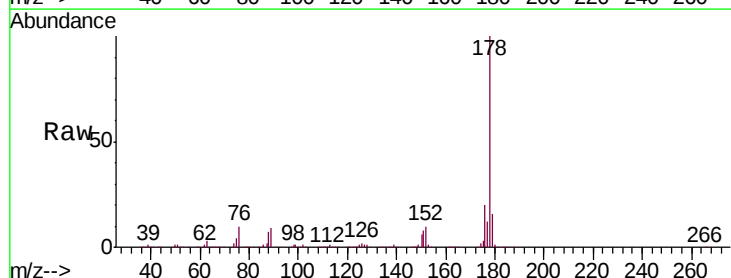
Instrument :
 BNA_F
 ClientSampleId :
 PB112873BS

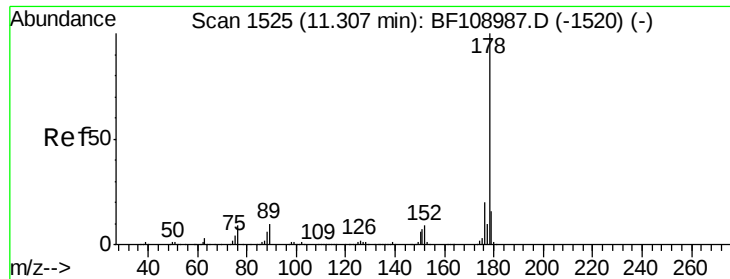
Tgt Ion: 266 Resp: 269002
 Ion Ratio Lower Upper
 266 100
 268 62.2 51.1 76.7
 264 62.4 49.5 74.3



#70
 Phenanthrene
 Concen: 46.646 ng
 RT: 11.25 min Scan# 1516
 Delta R.T. -0.00 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

Tgt Ion: 178 Resp: 1112241
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.8 23.8
 179 15.9 13.0 19.6

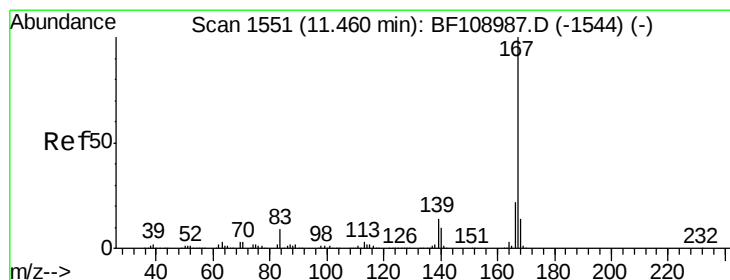
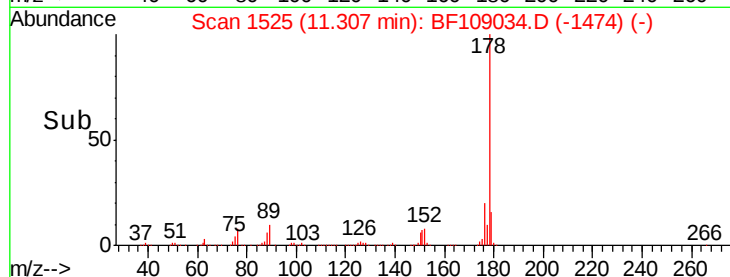
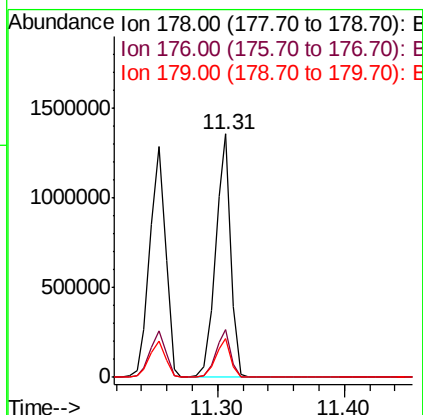
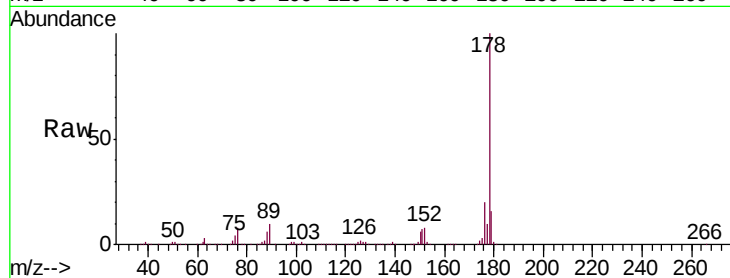




#71
 Anthracene
 Concen: 47.204 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. -0.00 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

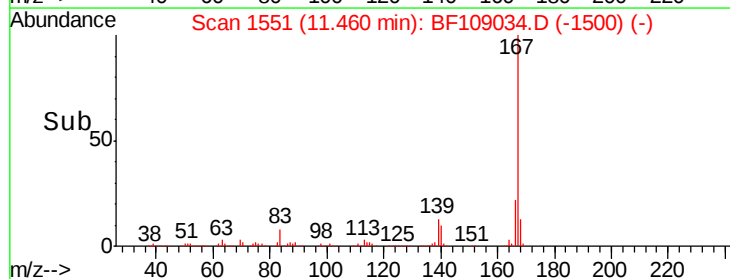
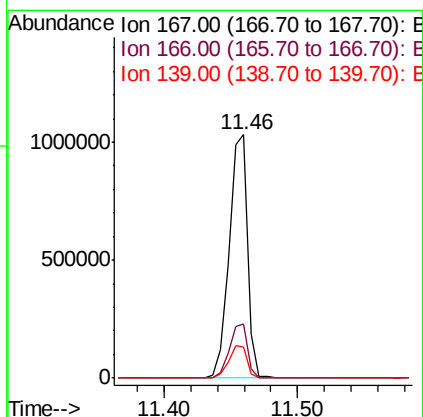
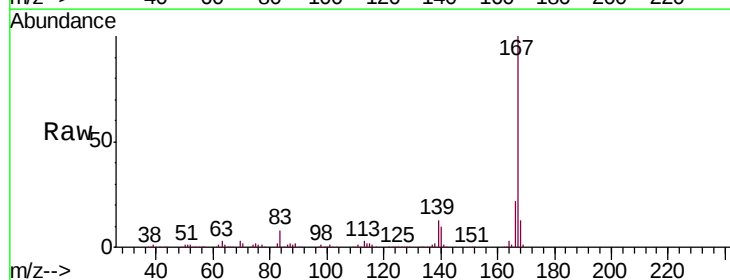
Instrument :
 BNA_F
 ClientSampleId :
 PB112873BS

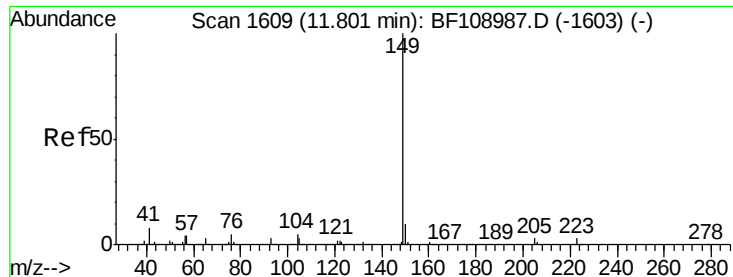
Tgt Ion:178 Resp: 1140975
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 41.990 ng
 RT: 11.46 min Scan# 1551
 Delta R.T. -0.00 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

Tgt Ion:167 Resp: 1004702
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 12.7 10.9 16.3





#73

Di-n-butylphthalate

Concen: 44.233 ng

RT: 11.80 min Scan# 1609

Delta R.T. -0.00 min

Lab File: BF109034.D

Acq: 15 Sep 2018 9:34

Instrument :

BNA_F

ClientSampleId :

PB112873BS

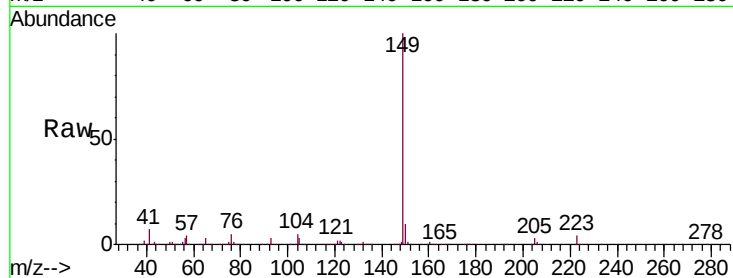
Tgt Ion:149 Resp: 1238908

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

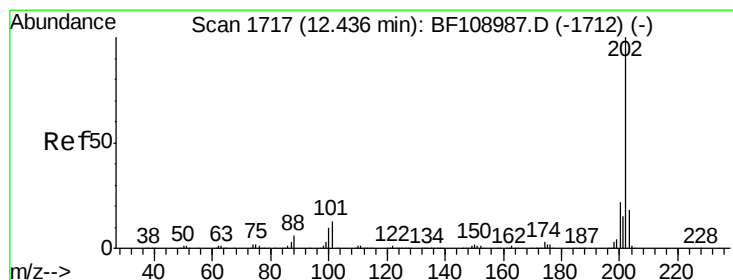
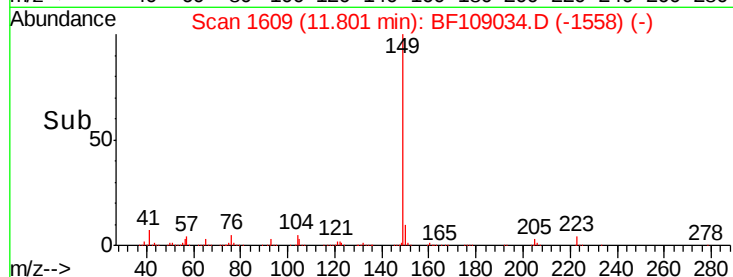
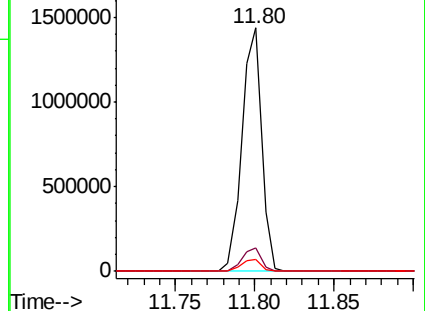
104 4.9 3.8 5.8



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: 43.431 ng

RT: 12.44 min Scan# 1717

Delta R.T. -0.00 min

Lab File: BF109034.D

Acq: 15 Sep 2018 9:34

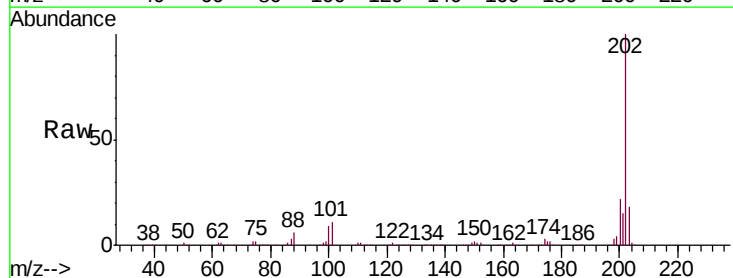
Tgt Ion:202 Resp: 1093269

Ion Ratio Lower Upper

202 100

101 11.2 0.0 34.1

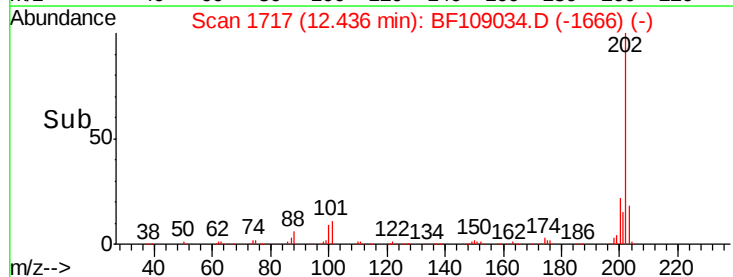
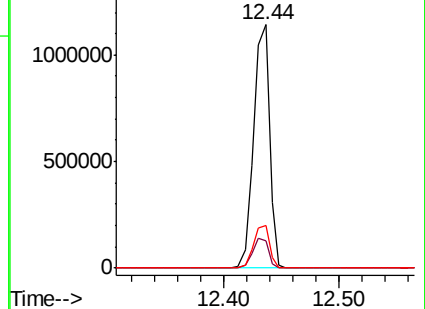
203 17.7 0.0 38.1

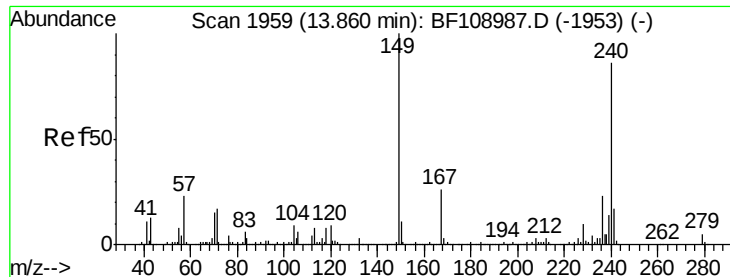


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.85 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BF109034.D

Acq: 15 Sep 2018 9:34

Instrument :

BNA_F

ClientSampleId :

PB112873BS

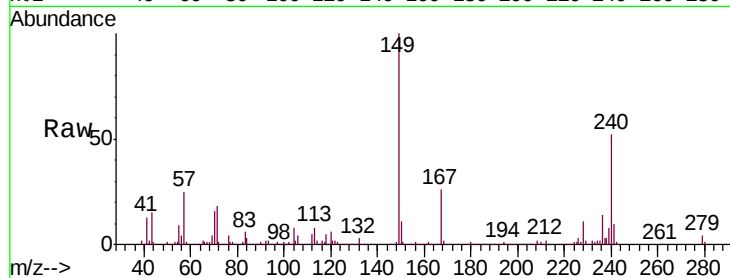
Tgt Ion:240 Resp: 280012

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

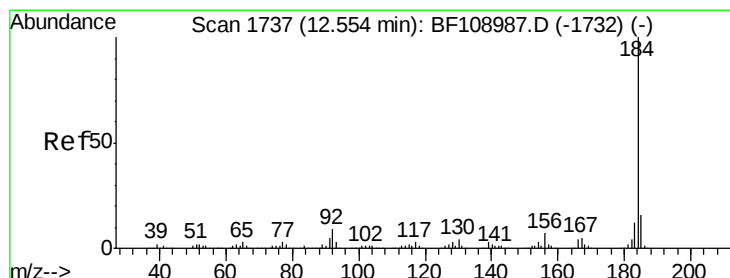
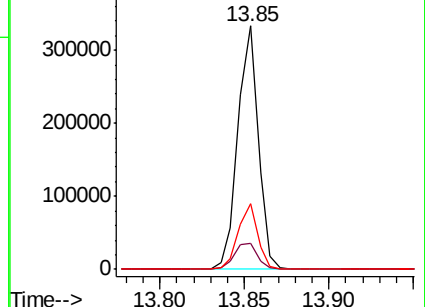
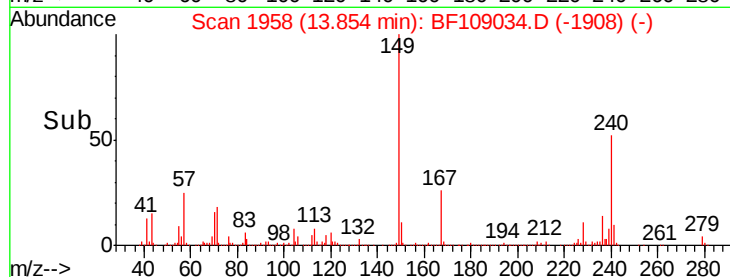
236 26.8 20.7 31.1



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: 54.797 ng

RT: 12.55 min Scan# 1737

Delta R.T. 0.00 min

Lab File: BF109034.D

Acq: 15 Sep 2018 9:34

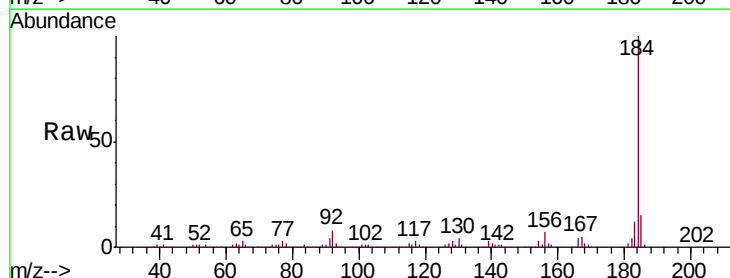
Tgt Ion:184 Resp: 543149

Ion Ratio Lower Upper

184 100

185 15.4 12.6 18.8

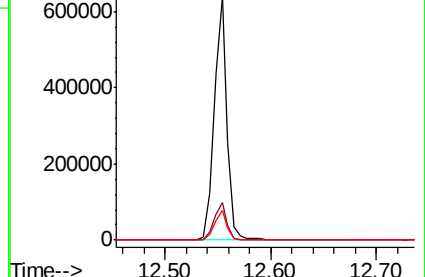
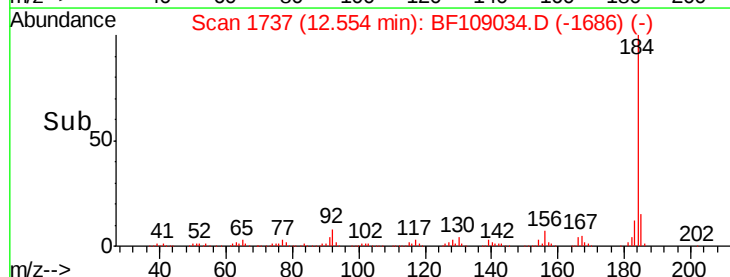
183 12.0 9.3 13.9

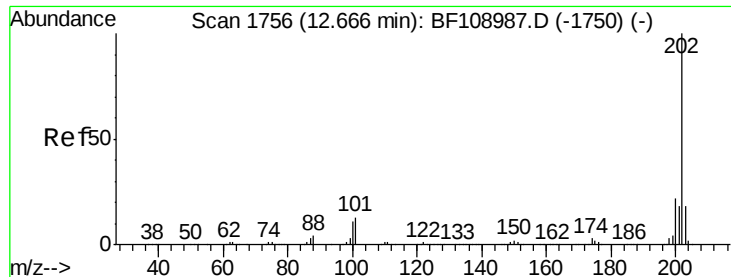


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



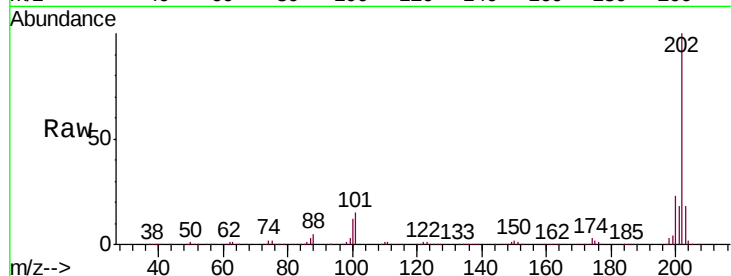


#77
 Pyrene
 Concen: 51.914 ng
 RT: 12.66 min Scan# 1755
 Delta R.T. -0.01 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

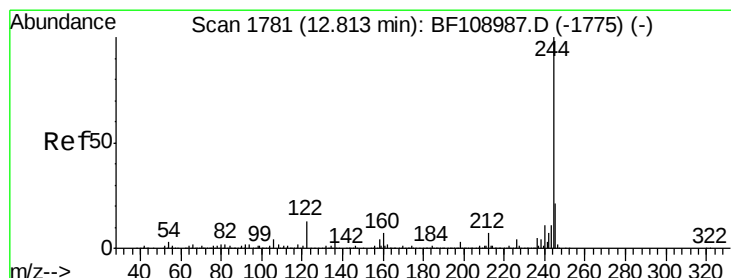
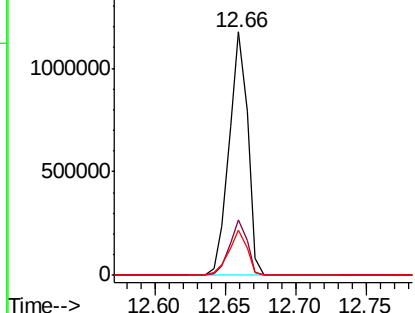
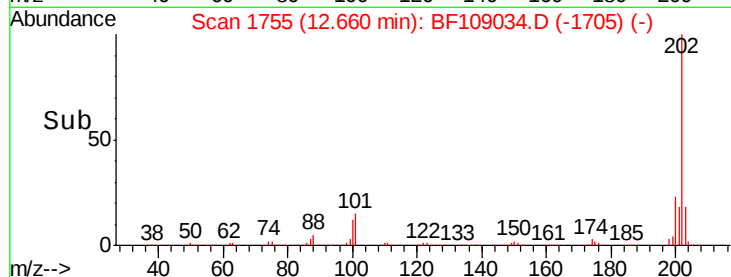
Instrument :
 BNA_F
 ClientSampleId :
 PB112873BS

Tgt Ion: 202 Resp: 1079753

Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.4	26.2
203	18.4	14.3	21.5



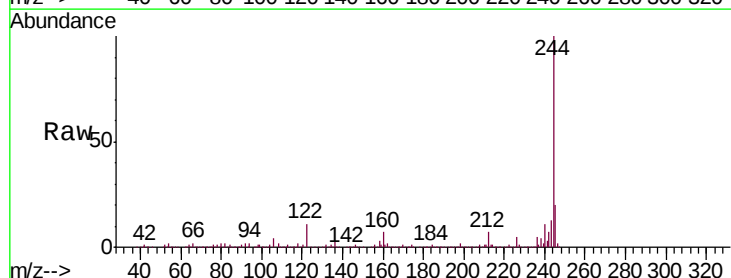
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



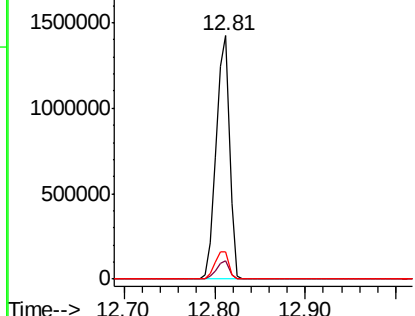
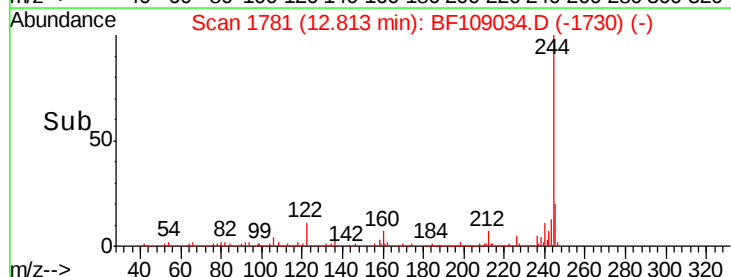
#78
 Terphenyl-d14
 Concen: 122.581 ng
 RT: 12.81 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

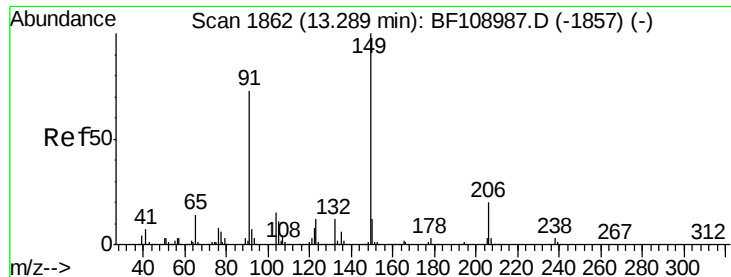
Tgt Ion: 244 Resp: 1448109

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.0
122	11.0	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

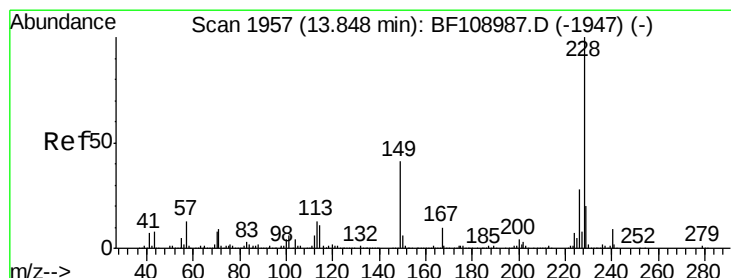
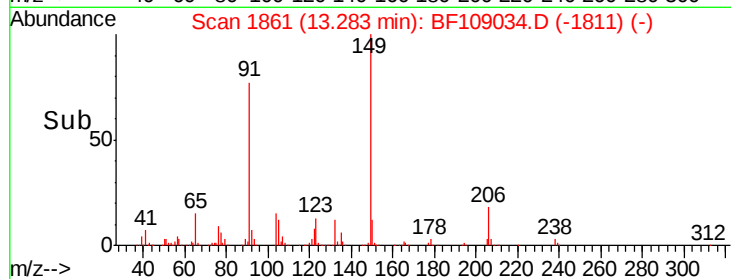
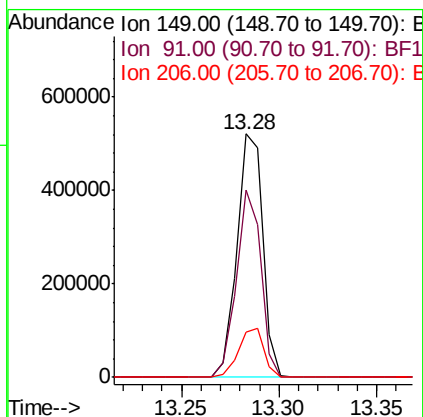
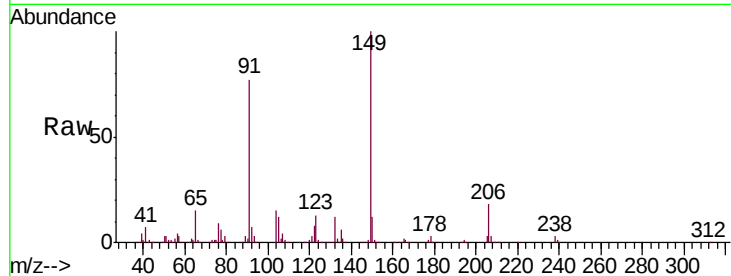




#79
Butylbenzylphthalate
Concen: 51.499 ng
RT: 13.28 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

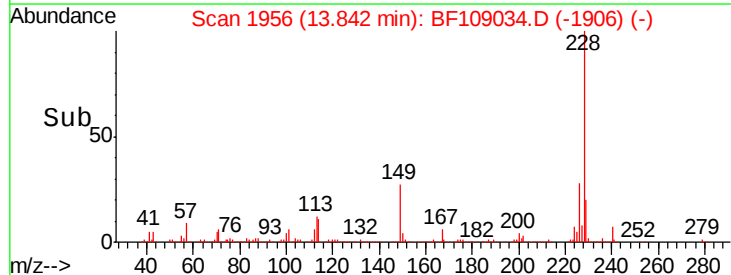
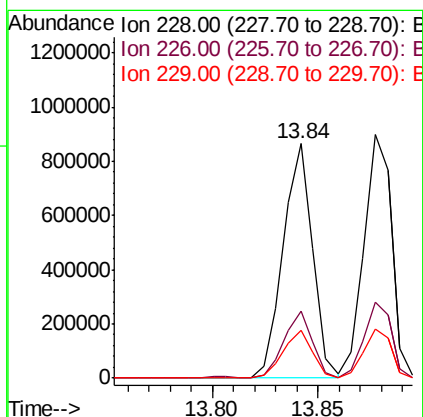
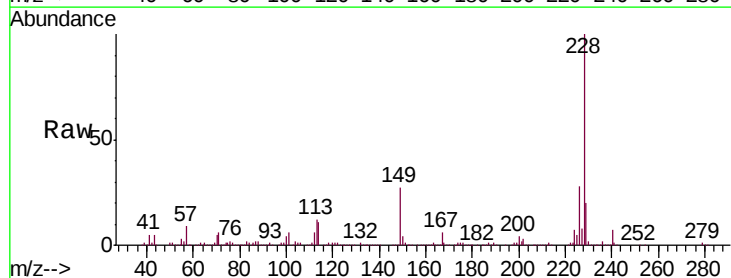
Instrument :
BNA_F
ClientSampleId :
PB112873BS

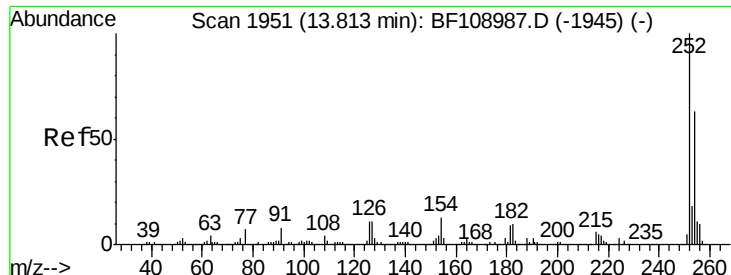
Tgt Ion	Ratio	Lower	Upper
149	100		
91	77.0	56.8	85.2
206	18.4	14.1	21.1



#80
Benzo(a)anthracene
Concen: 49.629 ng
RT: 13.84 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	20.4	15.8	23.6

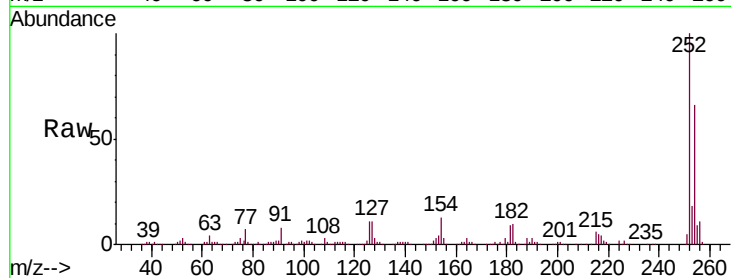




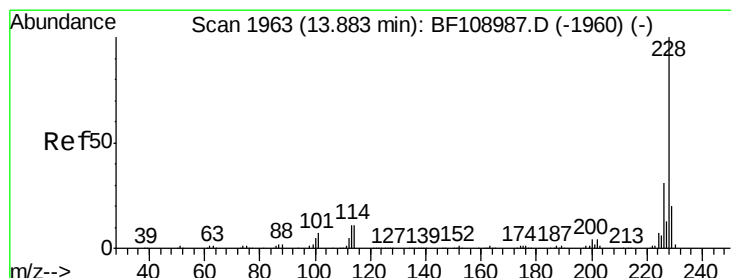
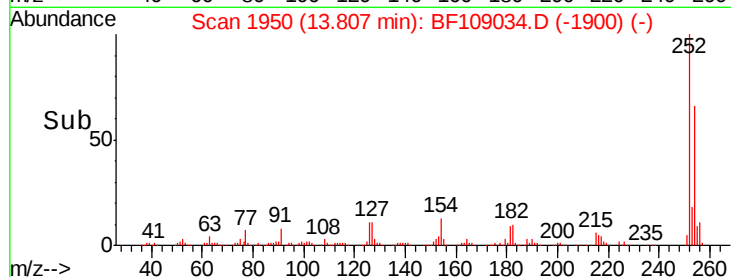
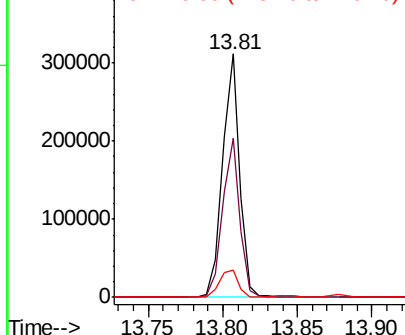
#81
 3,3'-Dichlorobenzidine
 Concen: 36.954 ng
 RT: 13.81 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

Instrument :
 BNA_F
 ClientSampleId :
 PB112873BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.5	50.4	75.6
126	11.3	11.3	16.9#

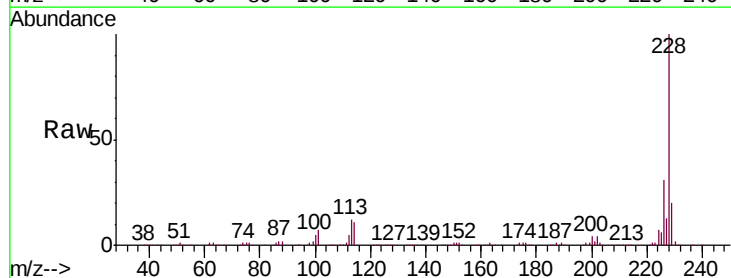


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

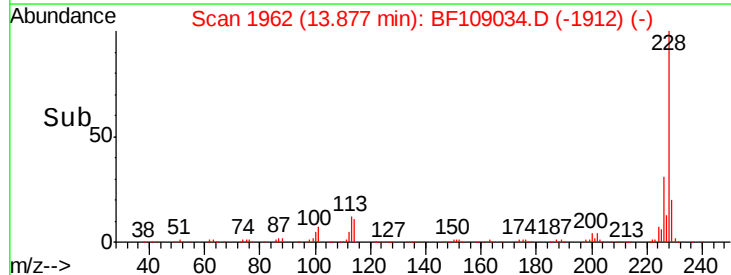
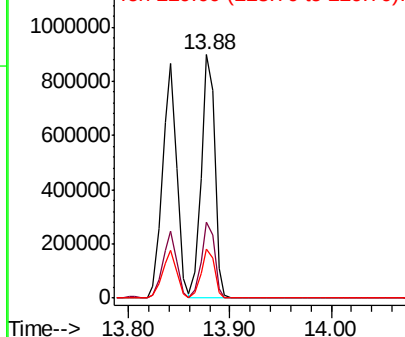


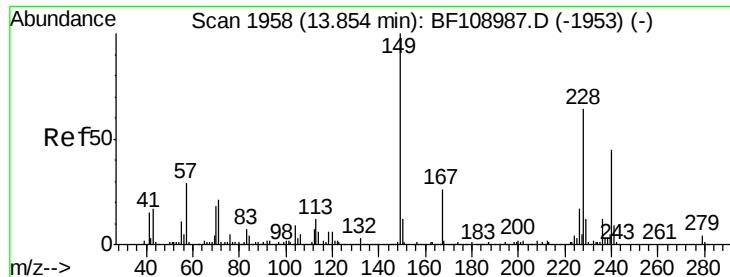
#82
 Chrysene
 Concen: 48.692 ng
 RT: 13.88 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	20.2	16.2	24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

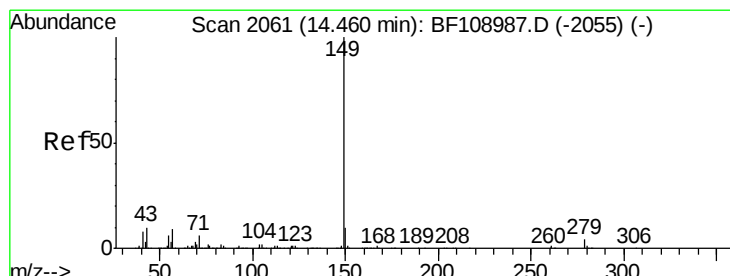
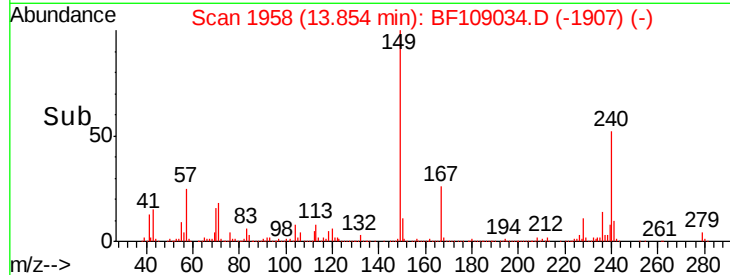
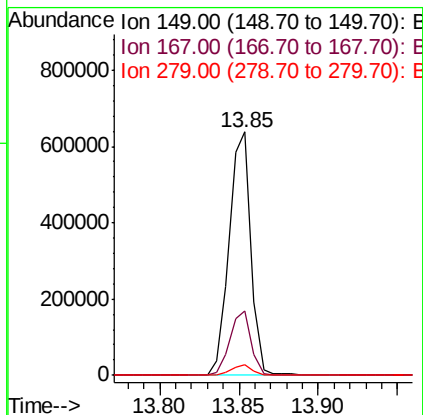
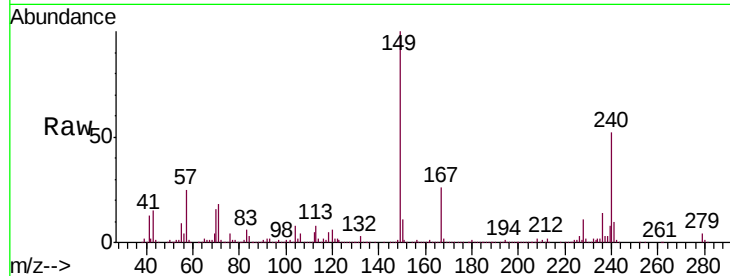




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 53.939 ng
 RT: 13.85 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

Instrument :
 BNA_F
 ClientSampleId :
 PB112873BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.3	31.9
279	4.2	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 53.212 ng
 RT: 14.46 min Scan# 2061
 Delta R.T. -0.00 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.9	8.4	12.6

