

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091918\
 Data File : BF109176.D
 Acq On : 20 Sep 2018 5:59
 Operator : JU/SJ
 Sample : PB112999BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112999BS

Quant Time: Sep 20 07:39:57 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	125291	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	453459	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	195393	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	323344	20.00	ng	0.00
75) Chrysene-d12	13.85	240	273698	20.00	ng	0.00
86) Perylene-d12	15.25	264	260851	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	546768	72.48	ng	0.01
7) Phenol-d6	6.36	99	676387	69.54	ng	0.00
23) Nitrobenzene-d5	7.28	82	611764	75.67	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	130904	61.73	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1080898	86.67	ng	0.00
78) Terphenyl-d14	12.81	244	922505	79.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	107575	29.958	ng	94
3) Pyridine	3.18	79	300873	31.607	ng	90
4) n-Nitrosodimethylamine	3.11	42	141326	39.310	ng	# 98
6) Aniline	6.38	93	192192	15.286	ng	# 76
8) 2-Chlorophenol	6.51	128	292751	34.678	ng	96
9) Benzaldehyde	6.26	77	116514	18.755	ng	98
10) Phenol	6.37	94	357231	32.639	ng	89
11) bis(2-Chloroethyl)ether	6.45	93	291518	33.856	ng	98
12) 1,3-Dichlorobenzene	6.66	146	331367	34.323	ng	97
13) 1,4-Dichlorobenzene	6.74	146	332251	34.304	ng	99
14) 1,2-Dichlorobenzene	6.90	146	309036	34.417	ng	97
15) Benzyl Alcohol	6.87	79	255195	34.557	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	409472	33.190	ng	94
17) 2-Methylphenol	6.98	107	236783	34.379	ng	97
18) Hexachloroethane	7.24	117	116146	33.018	ng	98
19) n-Nitroso-di-n-propylamine	7.14	70	213859	33.261	ng	96
20) 3+4-Methylphenols	7.13	107	281884	33.982	ng	# 55
22) Acetophenone	7.13	105	402612	39.096	ng	# 93
24) Nitrobenzene	7.30	77	305403	36.639	ng	100
25) Isophorone	7.54	82	570320	41.038	ng	98
26) 2-Nitrophenol	7.62	139	102538	26.344	ng	98
27) 2,4-Dimethylphenol	7.66	122	252881	41.419	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	361029	38.604	ng	99
29) 2,4-Dichlorophenol	7.86	162	224282	34.472	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	255038	36.264	ng	96
31) Naphthalene	8.02	128	829539	39.414	ng	100
32) Benzoic acid	7.78	122	35523	8.904	ng	94
33) 4-Chloroaniline	8.07	127	96650	10.328	ng	96
34) Hexachlorobutadiene	8.15	225	158897	37.008	ng	97
36) 4-Chloro-3-methylphenol	8.56	107	224072	32.716	ng	99
37) 2-Methylnaphthalene	8.71	142	540639	39.406	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	239057	38.872	ng	98
40) Hexachlorocyclopentadiene	8.87	237	115709	37.343	ng	97
42) 2,4,6-Trichlorophenol	9.00	196	145975	35.314	ng	100

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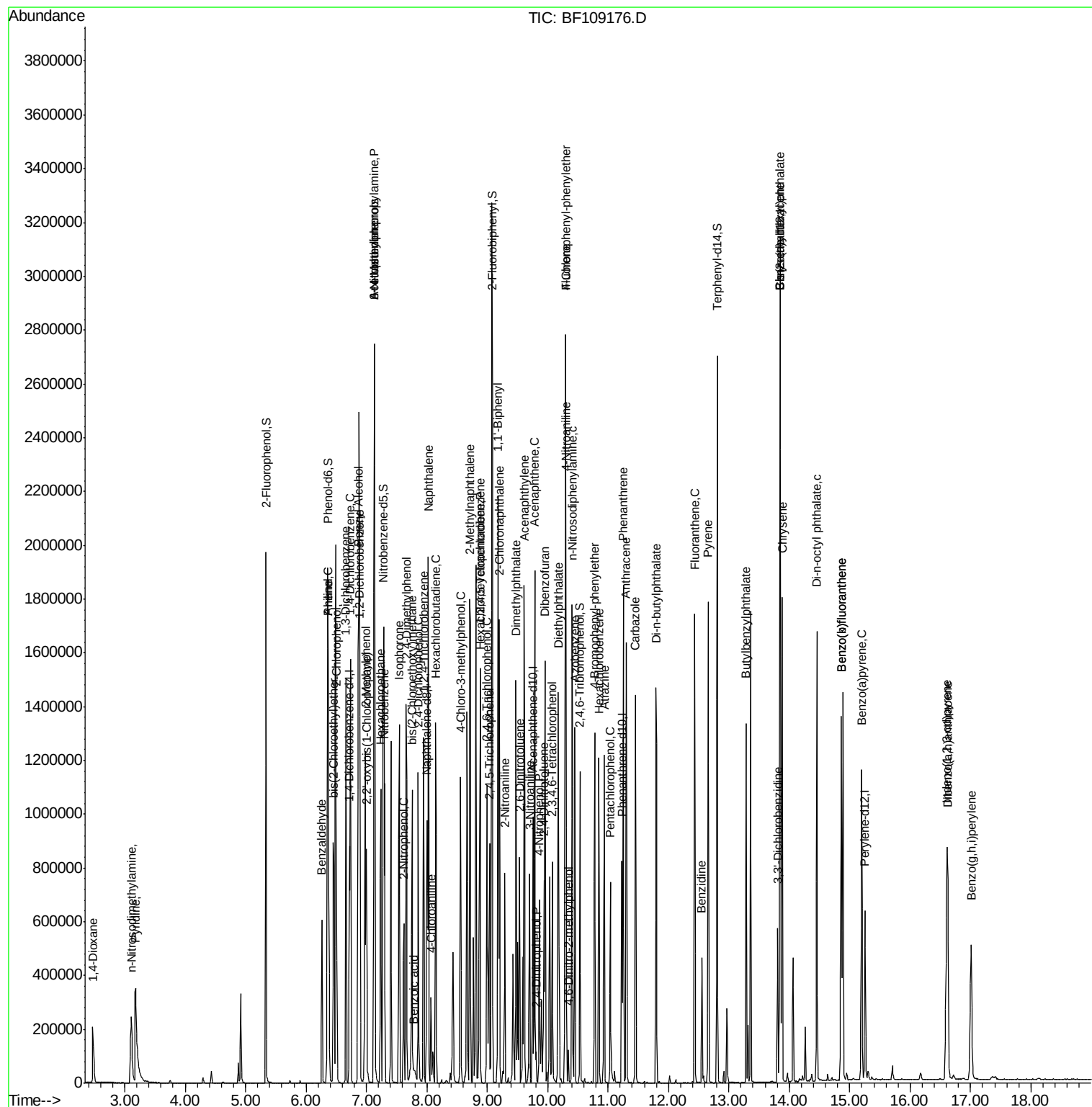
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.04	196	146158	33.836	ng	94
45) 1,1'-Biphenyl	9.18	154	618548	39.569	ng	99
46) 2-Chloronaphthalene	9.20	162	479465	38.298	ng	97
47) 2-Nitroaniline	9.29	65	142445	37.011	ng	92
48) Acenaphthylene	9.61	152	745598	39.501	ng	100
49) Dimethylphthalate	9.48	163	563698	40.364	ng	100
50) 2,6-Dinitrotoluene	9.54	165	104627	33.783	ng	96
51) Acenaphthene	9.78	154	436195	37.112	ng	98
52) 3-Nitroaniline	9.70	138	109276	29.964	ng	98
53) 2,4-Dinitrophenol	9.81	184	13665	11.449	ng	# 21
54) Dibenzofuran	9.95	168	622357	36.642	ng	97
55) 4-Nitrophenol	9.86	139	116473	43.348	ng	92
56) 2,4-Dinitrotoluene	9.94	165	125347	30.947	ng	# 94
57) Fluorene	10.29	166	458034	40.467	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	105848	29.594	ng	91
59) Diethylphthalate	10.18	149	540058	38.295	ng	96
60) 4-Chlorophenyl-phenylether	10.29	204	228926	37.771	ng	96
61) 4-Nitroaniline	10.31	138	110644	31.934	ng	100
62) Azobenzene	10.45	77	505857	35.042	ng	97
64) 4,6-Dinitro-2-methylphenol	10.34	198	14118	9.126	ng	85
65) n-Nitrosodiphenylamine	10.41	169	437518	41.366	ng	95
66) 4-Bromophenyl-phenylether	10.78	248	145925	40.031	ng	# 90
67) Hexachlorobenzene	10.85	284	151339	38.814	ng	# 89
68) Atrazine	10.94	200	134074	39.599	ng	98
69) Pentachlorophenol	11.04	266	97838	39.219	ng	98
70) Phenanthrene	11.25	178	651869	41.127	ng	99
71) Anthracene	11.31	178	663340	41.285	ng	100
72) Carbazole	11.45	167	587217	36.920	ng	99
73) Di-n-butylphthalate	11.79	149	748103	40.181	ng	99
74) Fluoranthene	12.44	202	679662	40.617	ng	96
76) Benzidine	12.55	184	183304	18.920	ng	99
77) Pyrene	12.66	202	689809	33.931	ng	100
79) Butylbenzylphthalate	13.28	149	310860	34.235	ng	96
80) Benzo(a)anthracene	13.84	228	651316	39.306	ng	99
81) 3,3'-Dichlorobenzidine	13.81	252	115050	17.206	ng	# 97
82) Chrysene	13.88	228	638663	38.523	ng	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	404347	36.778	ng	98
84) Di-n-octyl phthalate	14.45	149	778093	41.729	ng	98
85) Indeno(1,2,3-cd)pyrene	16.61	276	495441	37.379	ng	# 93
87) Benzo(b)fluoranthene	14.86	252	590226	40.900	ng	98
88) Benzo(k)fluoranthene	14.86	252	590226	43.790	ng	97
89) Benzo(a)pyrene	15.20	252	532547	41.555	ng	98
90) Dibenzo(a,h)anthracene	16.62	278	419288	38.942	ng	# 95
91) Benzo(g,h,i)perylene	17.01	276	400223	37.180	ng	# 92

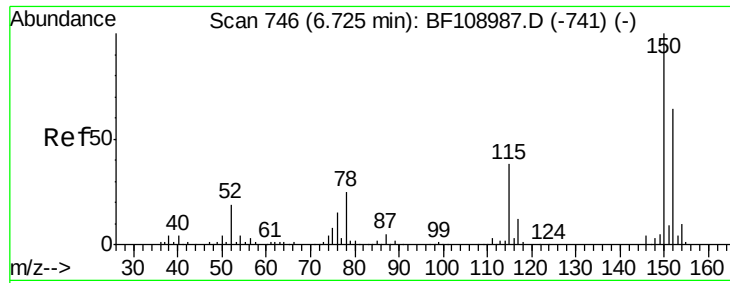
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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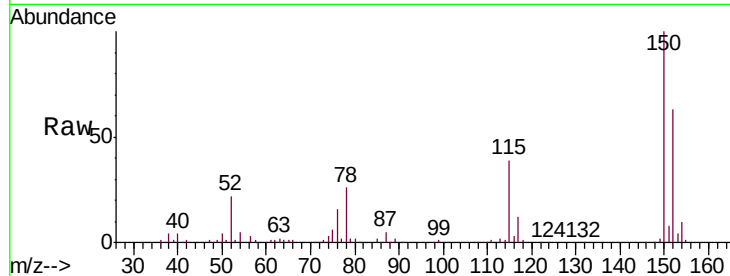




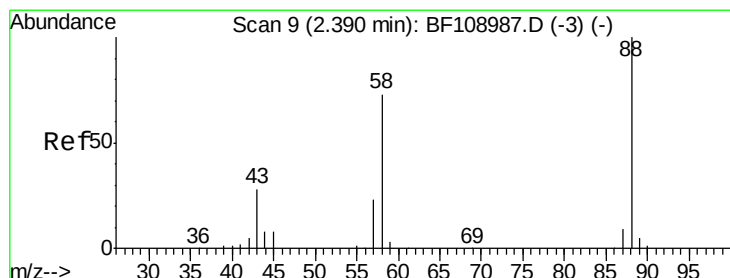
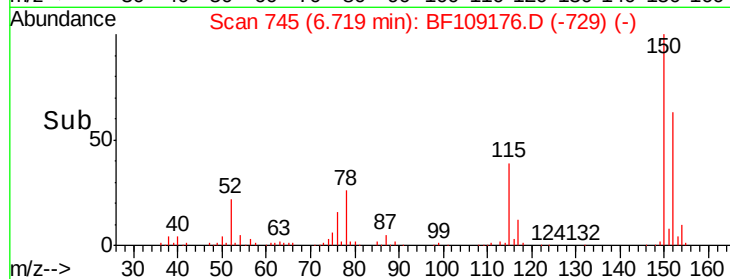
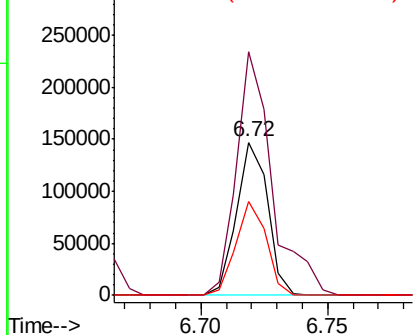
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109176.D
 Acq: 20 Sep 2018 5:59

Instrument :
 BNA_F
 ClientSampleId :
 PB112999BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.6	186.8
115	61.4	50.1	75.1

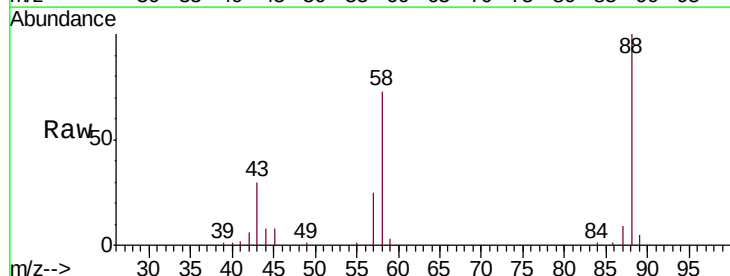


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

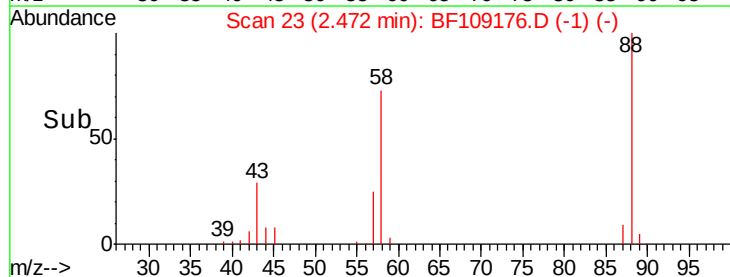
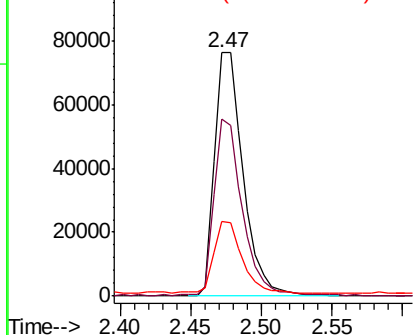


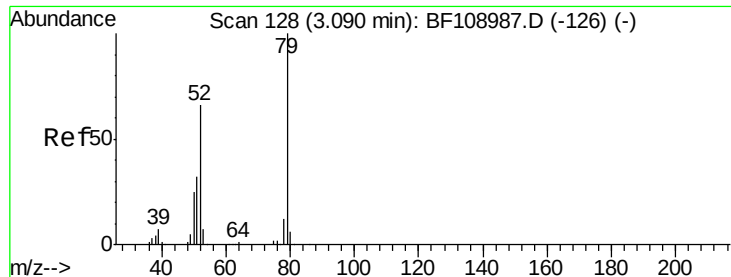
#2
 1,4-Dioxane
 Concen: 29.958 ng
 RT: 2.47 min Scan# 23
 Delta R.T. 0.08 min
 Lab File: BF109176.D
 Acq: 20 Sep 2018 5:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.5	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: 31.607 ng

RT: 3.18 min Scan# 143

Delta R.T. 0.09 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

Instrument :

BNA_F

ClientSampleId :

PB112999BS

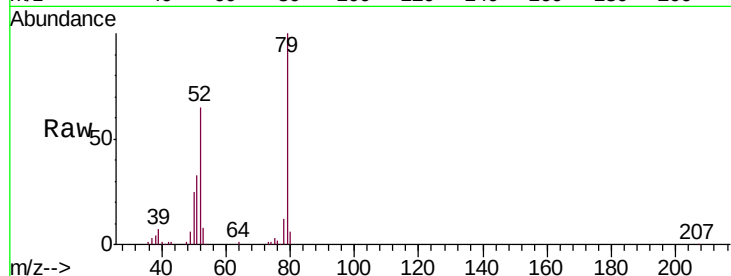
Tgt Ion: 79 Resp: 300873

Ion Ratio Lower Upper

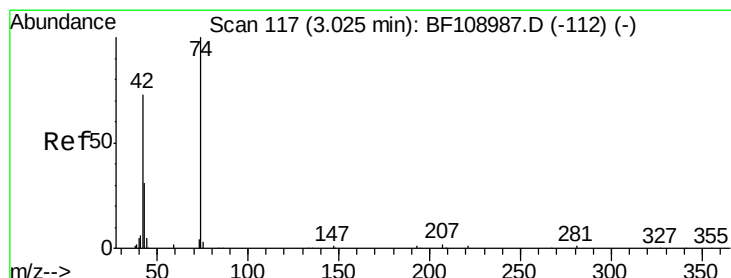
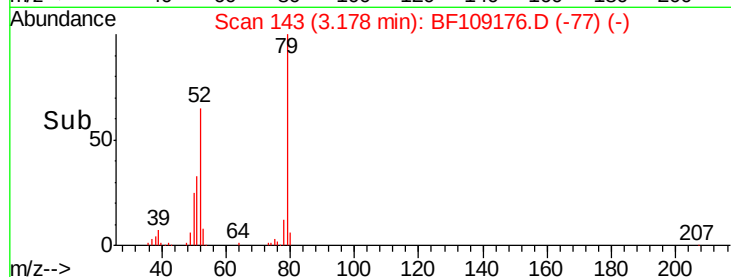
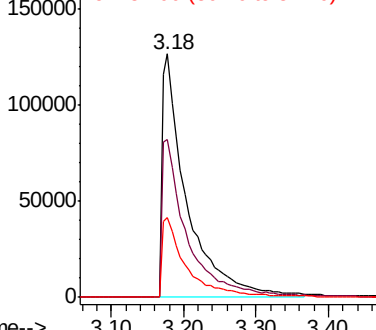
79 100

52 64.9 59.8 89.6

51 32.8 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: 39.310 ng

RT: 3.11 min Scan# 131

Delta R.T. 0.08 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

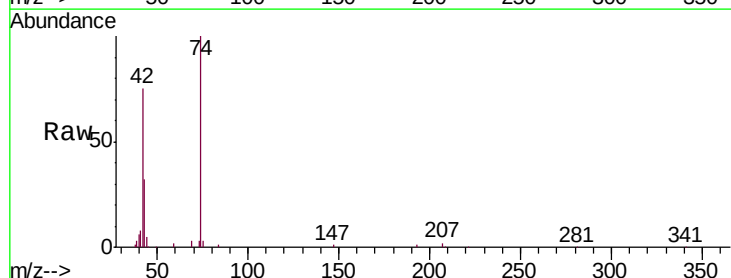
Tgt Ion: 42 Resp: 141326

Ion Ratio Lower Upper

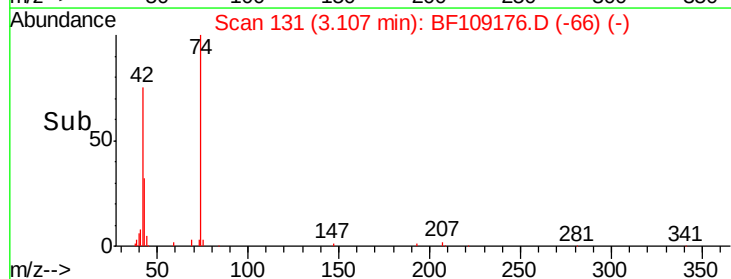
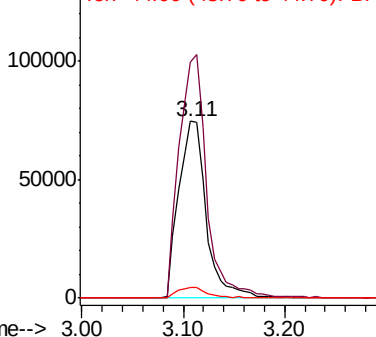
42 100

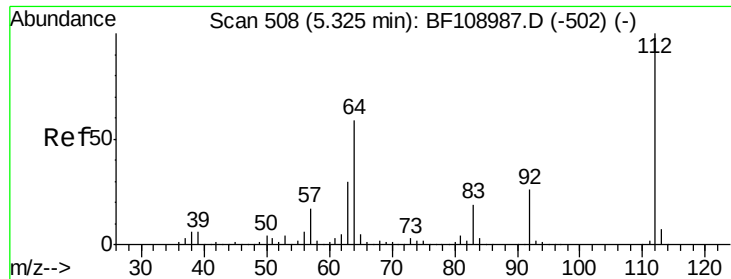
74 133.6 104.9 157.3

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: 72.481 ng

RT: 5.34 min Scan# 510

Delta R.T. 0.01 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

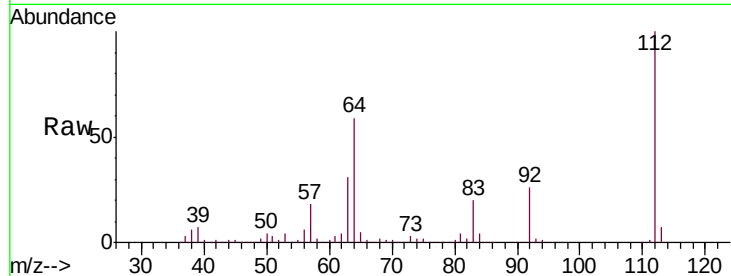
Instrument :

BNA_F

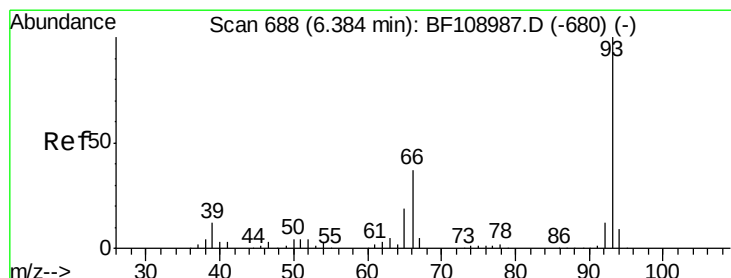
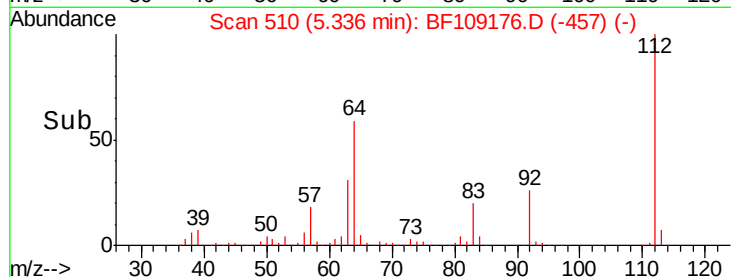
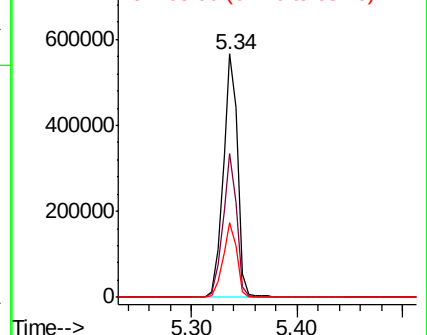
ClientSampleId :

PB112999BS

Tgt Ion:	112	Resp:	546768
Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.9	71.9
63	30.9	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: 15.286 ng

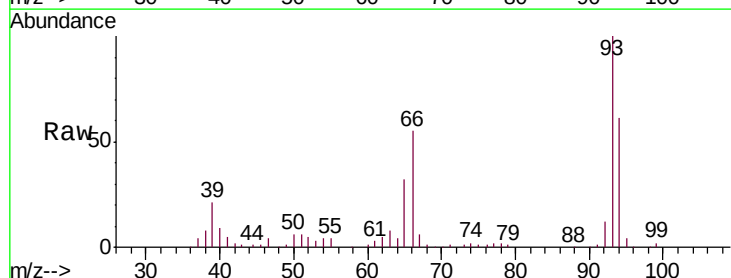
RT: 6.38 min Scan# 687

Delta R.T. -0.01 min

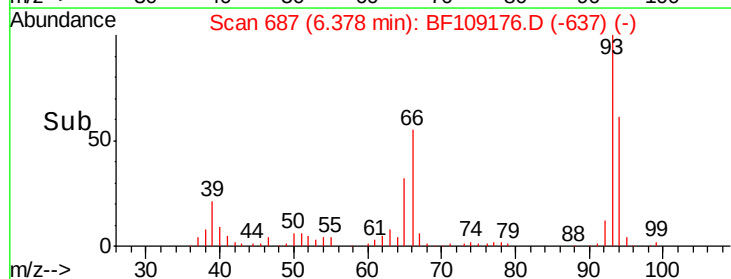
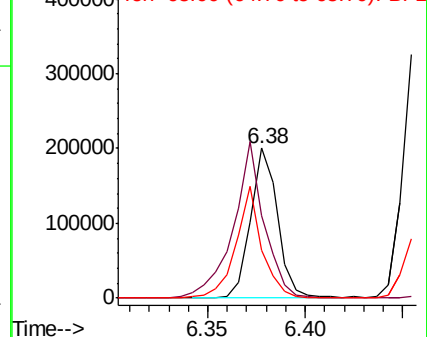
Lab File: BF109176.D

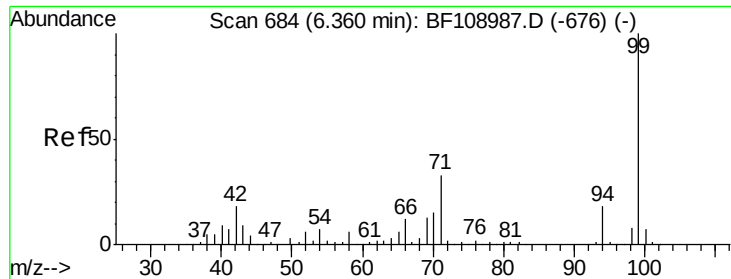
Acq: 20 Sep 2018 5:59

Tgt Ion:	93	Resp:	192192
Ion	Ratio	Lower	Upper
93	100		
66	54.6	32.2	48.2#
65	32.1	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: 69.536 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF109176.D

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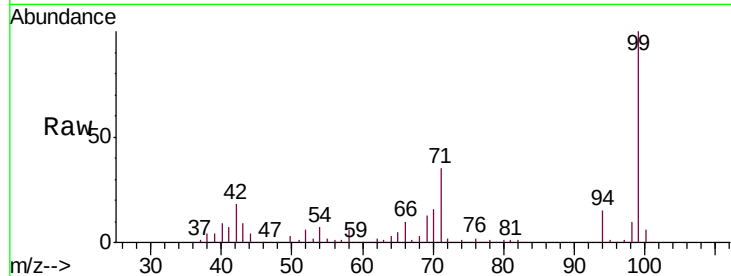
Tgt Ion: 99 Resp: 676387

Ion Ratio Lower Upper

99 100

42 18.2 14.5 21.7

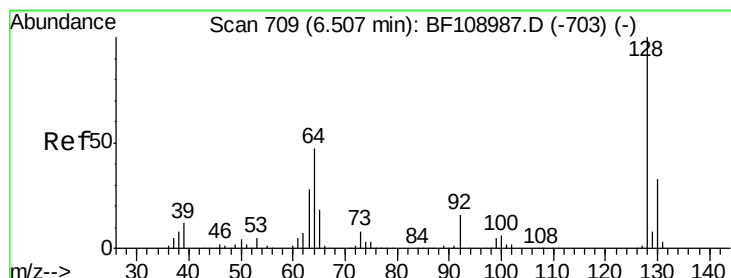
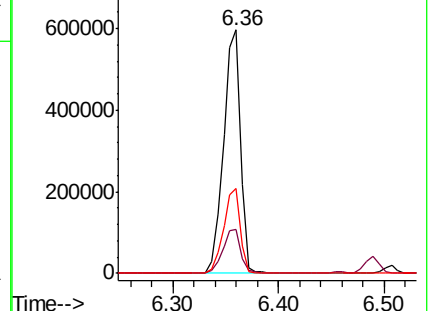
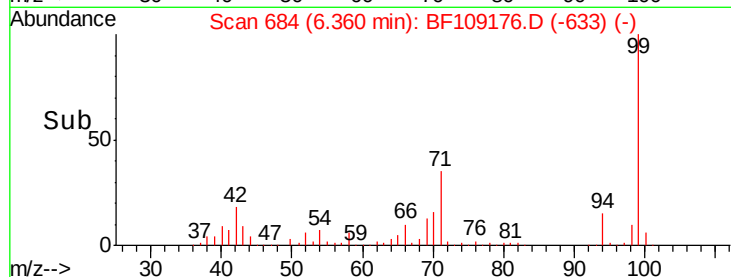
71 34.8 25.4 38.0



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: 34.678 ng

RT: 6.51 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF109176.D

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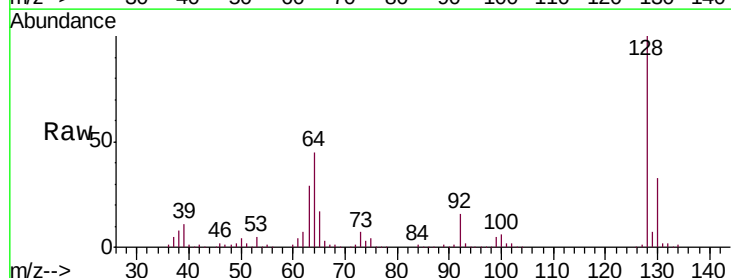
Tgt Ion: 128 Resp: 292751

Ion Ratio Lower Upper

128 100

130 33.4 13.0 53.0

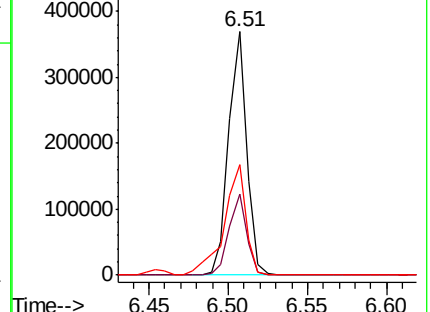
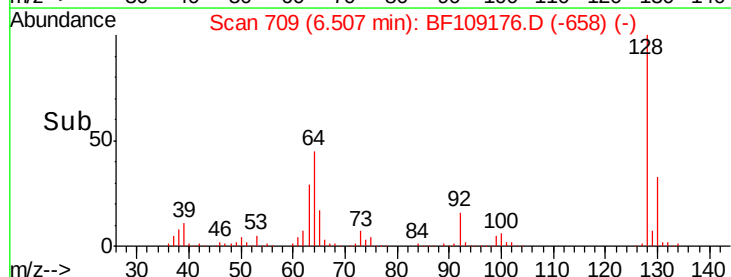
64 45.2 29.4 69.4

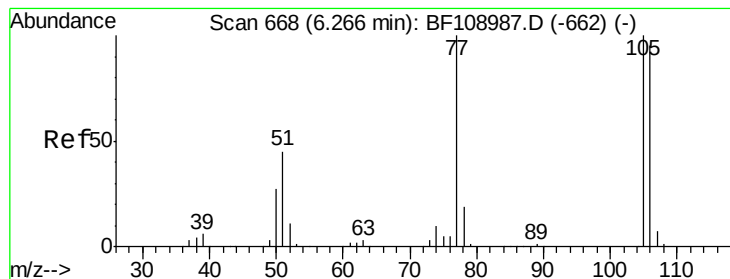


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 18.755 ng

RT: 6.26 min Scan# 667

Delta R.T. -0.01 min

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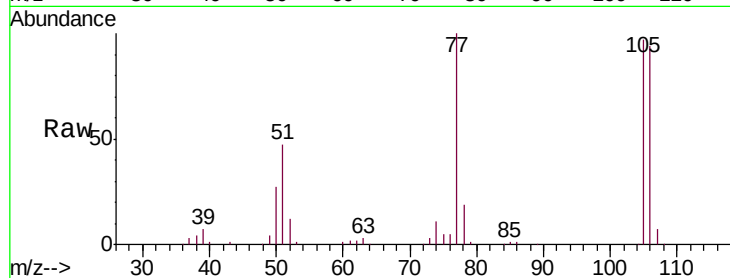
Tgt Ion: 77 Resp: 116514

Ion Ratio Lower Upper

77 100

105 97.1 81.1 121.1

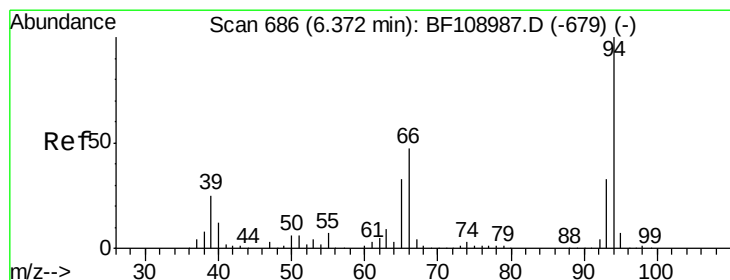
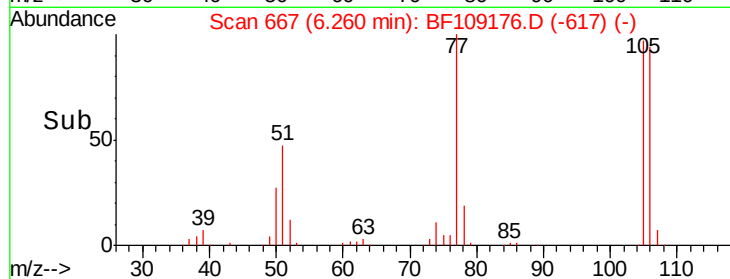
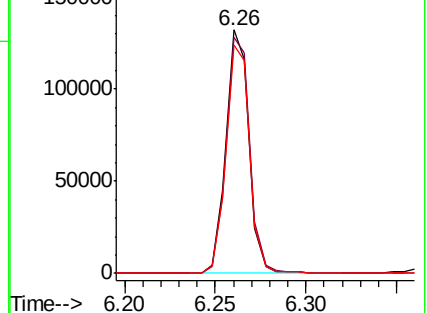
106 93.8 74.5 114.5



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: 32.639 ng

RT: 6.37 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

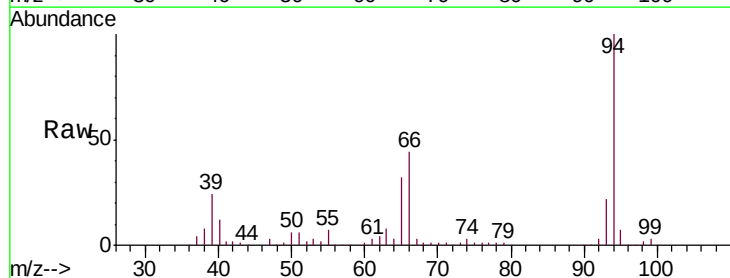
Tgt Ion: 94 Resp: 357231

Ion Ratio Lower Upper

94 100

65 31.7 7.9 47.9

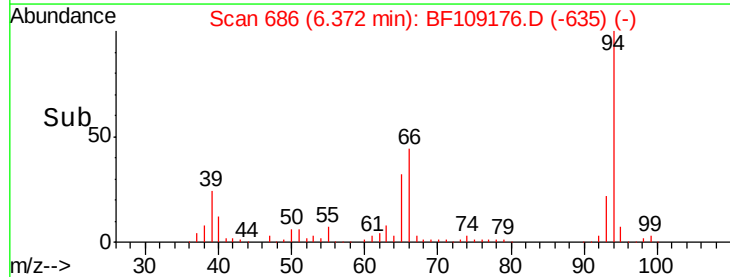
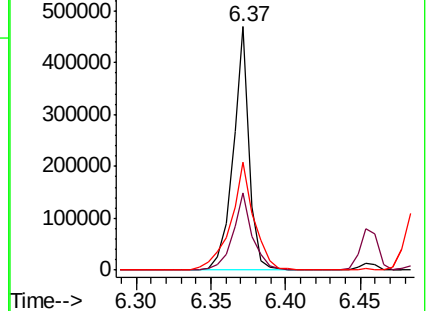
66 44.4 16.2 56.2

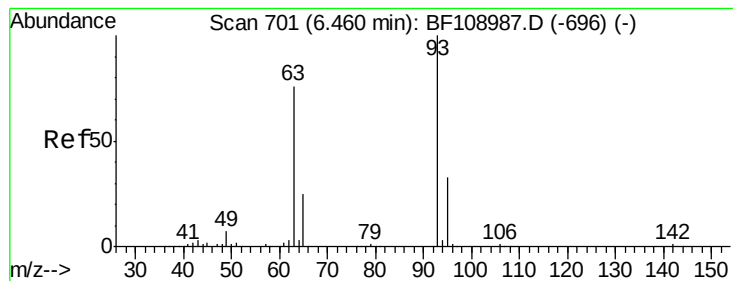


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 33.856 ng

RT: 6.45 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

Instrument :

BNA_F

ClientSampleId :

PB112999BS

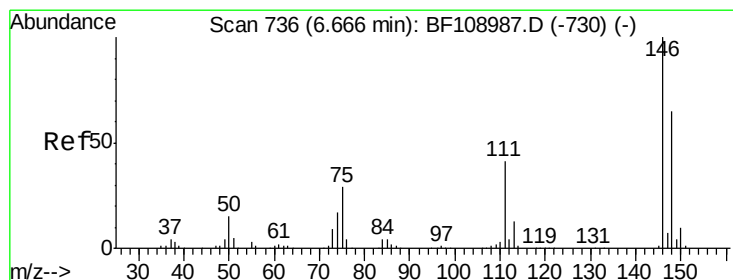
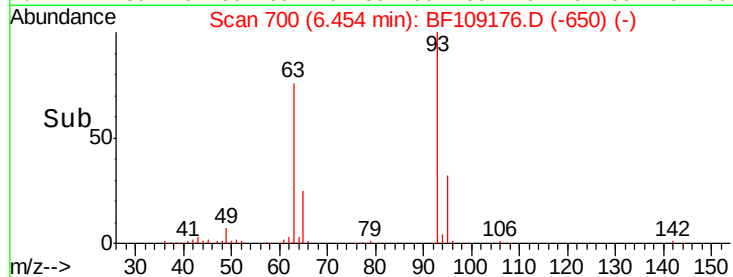
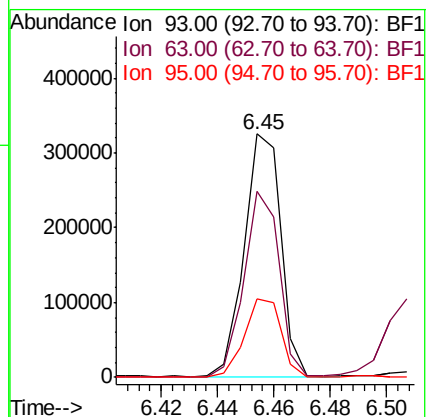
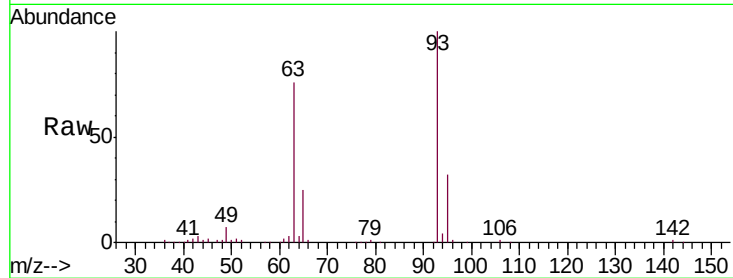
Tgt Ion: 93 Resp: 291518

Ion Ratio Lower Upper

93 100

63 76.3 58.6 98.6

95 32.5 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 34.323 ng

RT: 6.66 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

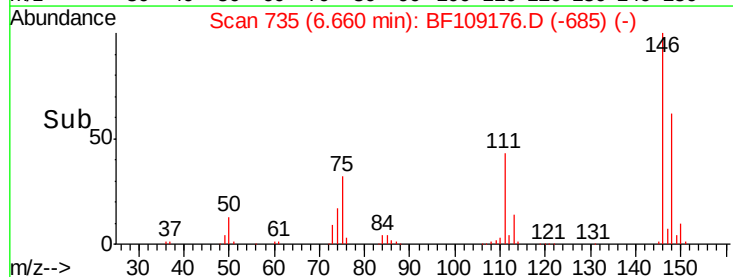
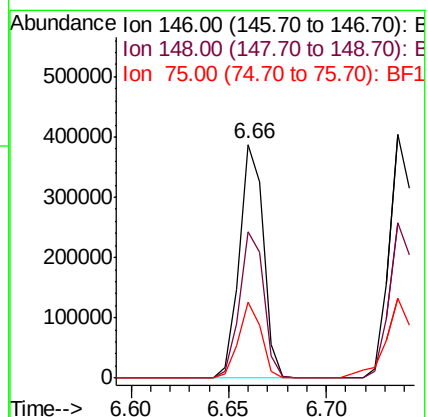
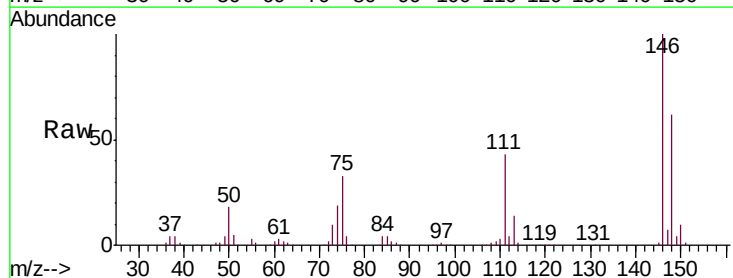
Tgt Ion: 146 Resp: 331367

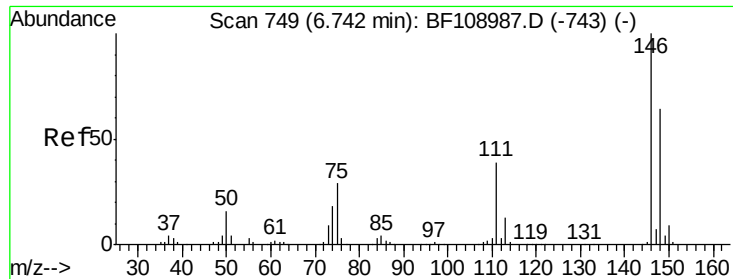
Ion Ratio Lower Upper

146 100

148 62.5 51.8 77.8

75 32.6 24.2 36.4

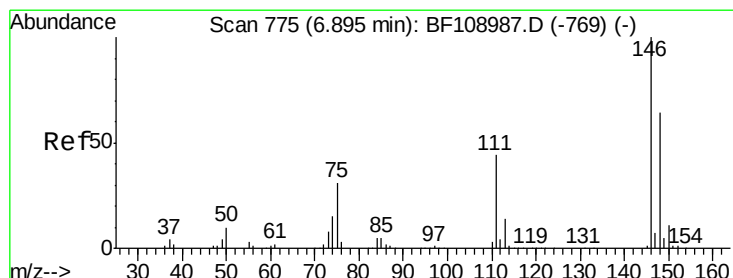
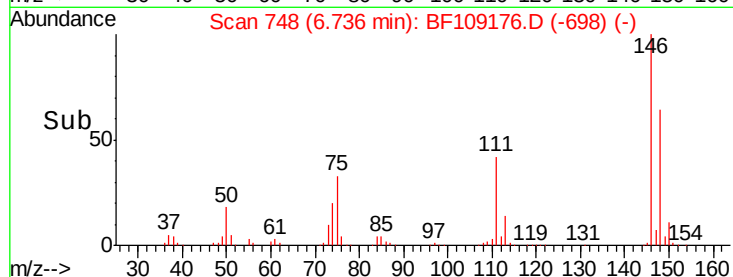
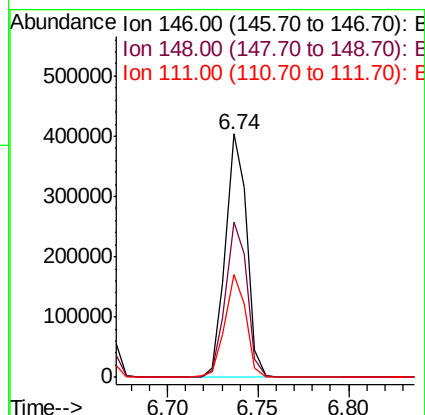
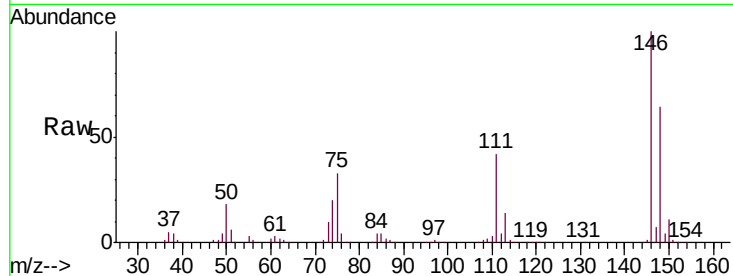




#13
 1,4-Dichlorobenzene
 Concen: 34.304 ng
 RT: 6.74 min Scan# 748
 Delta R.T. -0.01 min
 Lab File: BF109176.D
 Acq: 20 Sep 2018 5:59

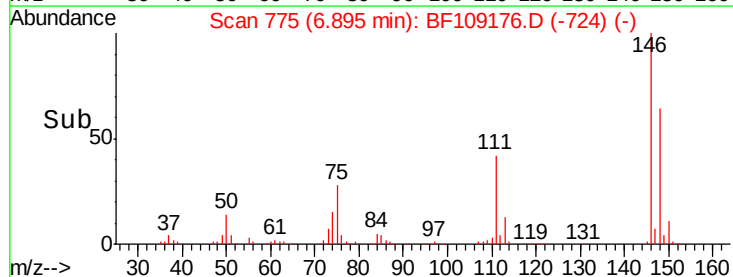
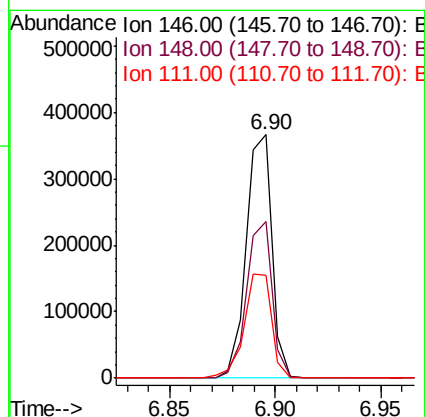
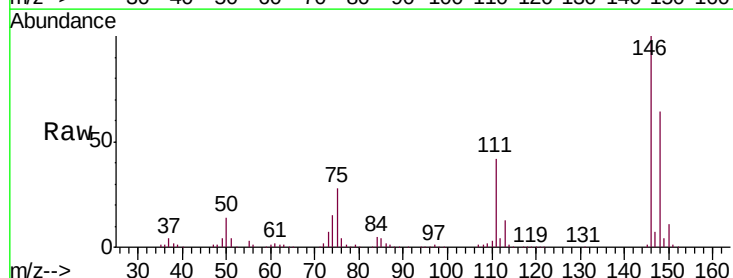
Instrument :
 BNA_F
 ClientSampleId :
 PB112999BS

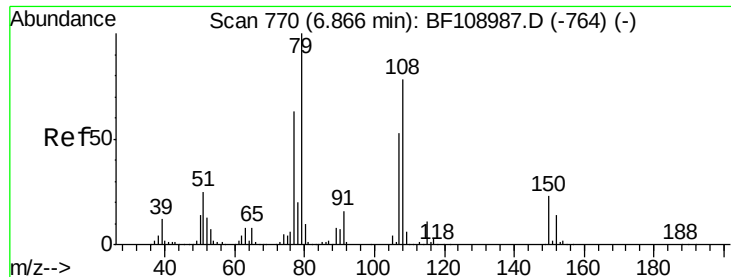
Tgt Ion:146 Resp: 332251
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.8 76.2
 111 42.1 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 34.417 ng
 RT: 6.90 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF109176.D
 Acq: 20 Sep 2018 5:59

Tgt Ion:146 Resp: 309036
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.6 75.8
 111 42.0 36.0 54.0





#15

Benzyl Alcohol

Concen: 34.557 ng

RT: 6.87 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

Instrument :

BNA_F

ClientSampleId :

PB112999BS

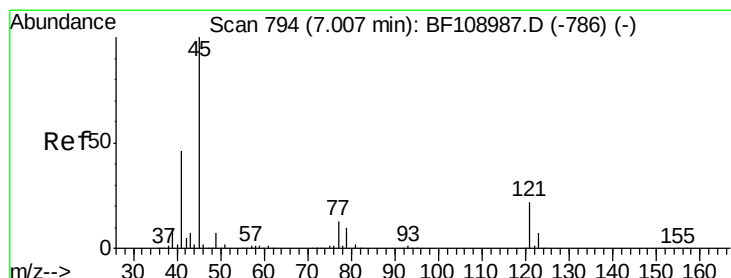
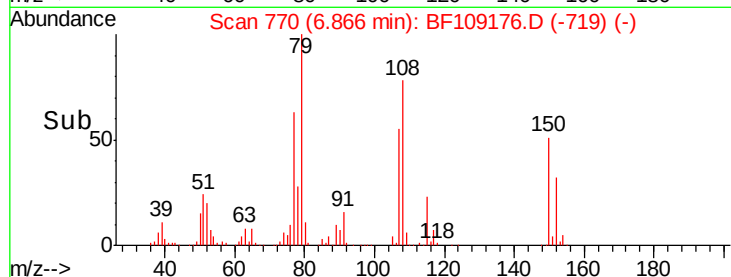
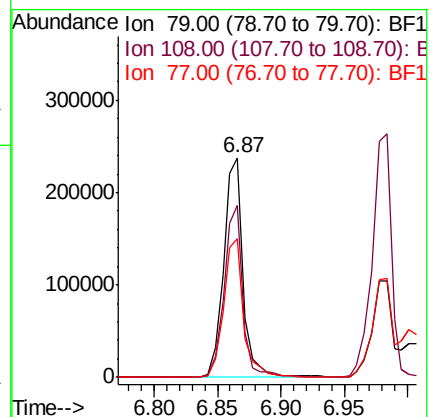
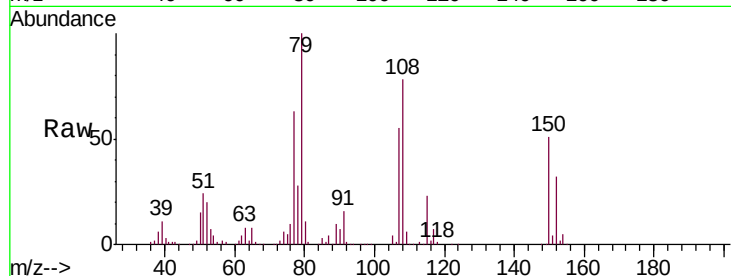
Tgt Ion: 79 Resp: 255195

Ion Ratio Lower Upper

79 100

108 77.9 65.1 97.7

77 63.2 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.190 ng

RT: 7.00 min Scan# 793

Delta R.T. -0.01 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

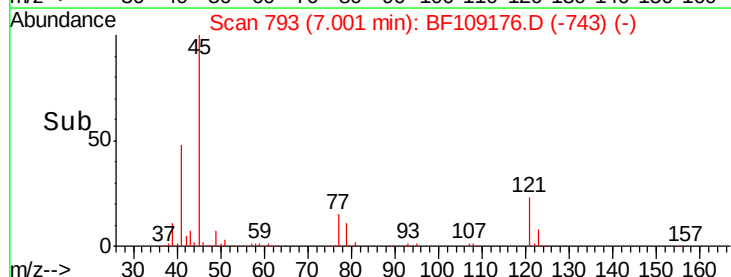
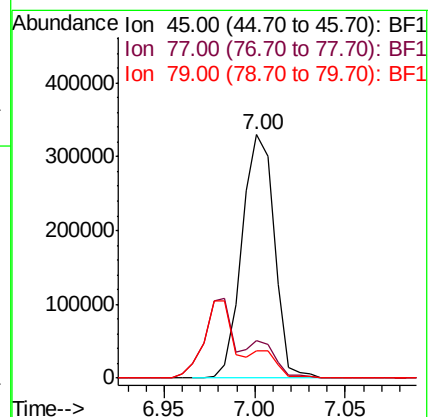
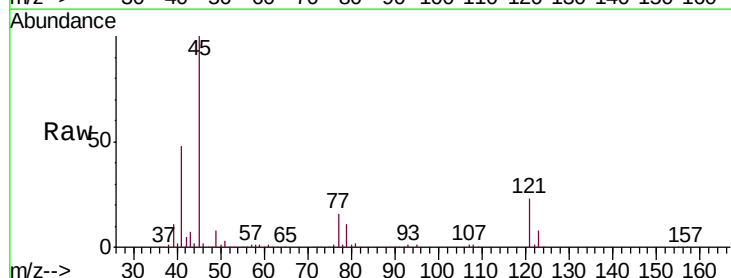
Tgt Ion: 45 Resp: 409472

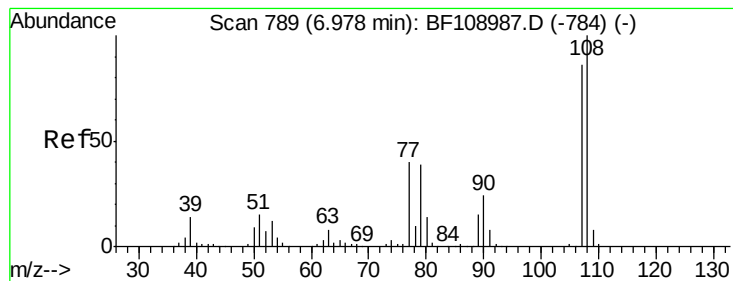
Ion Ratio Lower Upper

45 100

77 15.6 0.0 32.9

79 11.2 0.0 29.6

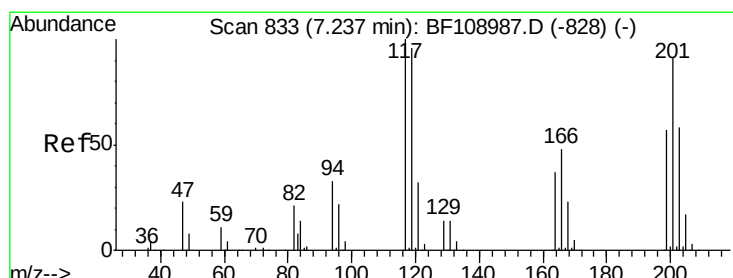
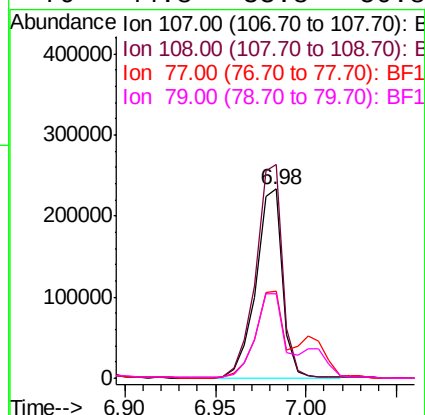
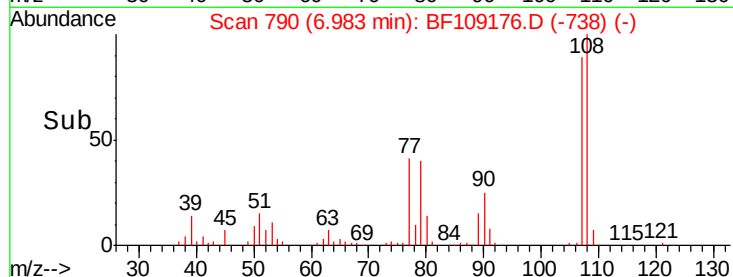
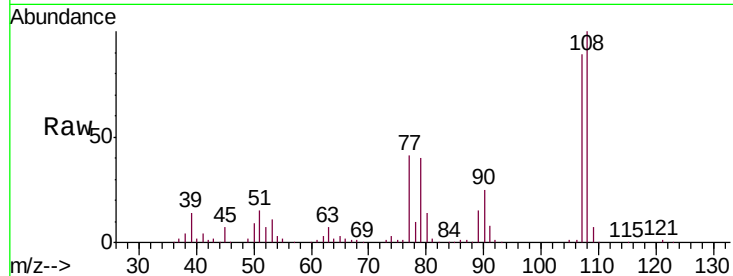




#17
2-Methylphenol
Concen: 34.379 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.01 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

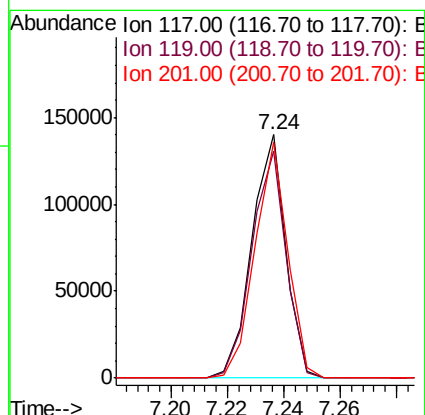
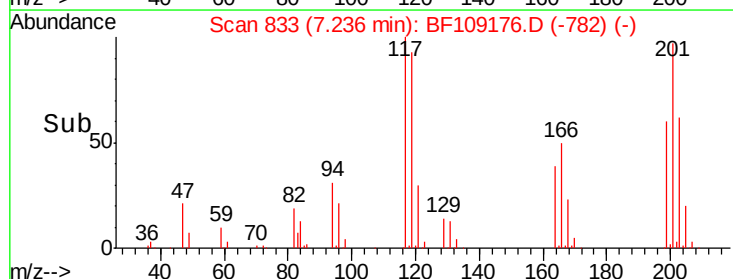
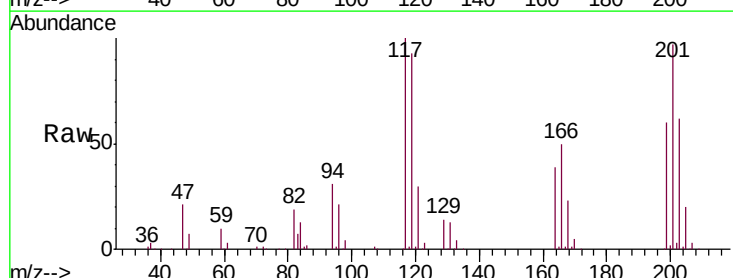
Instrument :
BNA_F
ClientSampleId :
PB112999BS

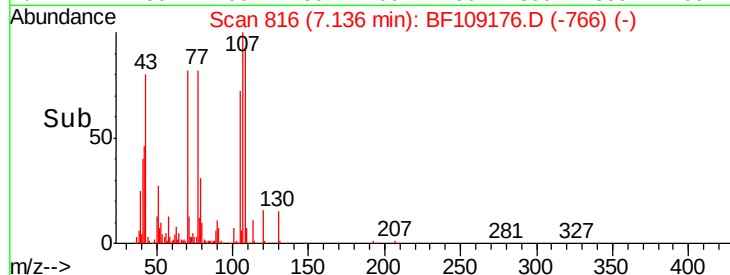
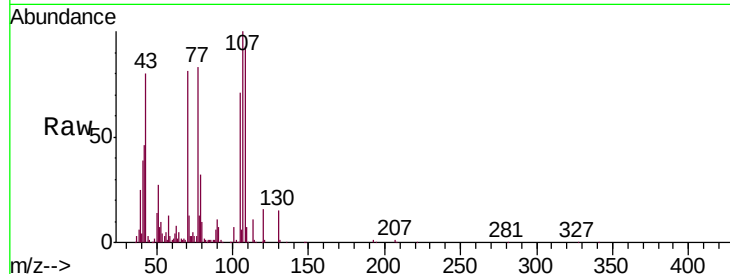
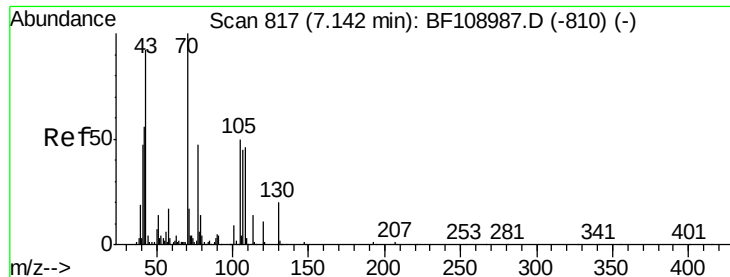
Tgt Ion:	107	Resp:	236783
Ion	Ratio	Lower	Upper
107	100		
108	112.8	91.7	137.5
77	46.1	33.8	50.8
79	44.8	33.8	50.8



#18
Hexachloroethane
Concen: 33.018 ng
RT: 7.24 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Tgt Ion:	117	Resp:	116146
Ion	Ratio	Lower	Upper
117	100		
119	93.2	75.8	113.8
201	97.1	75.7	113.5

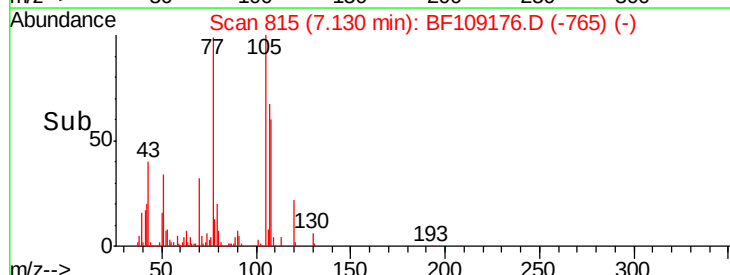
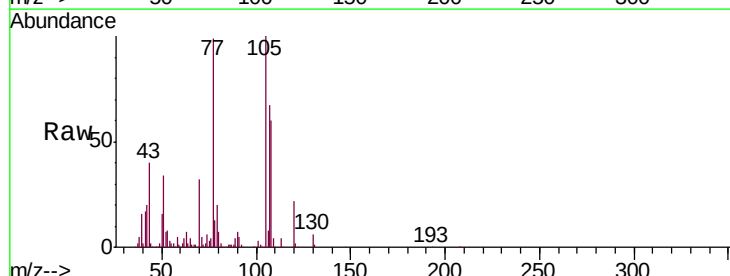
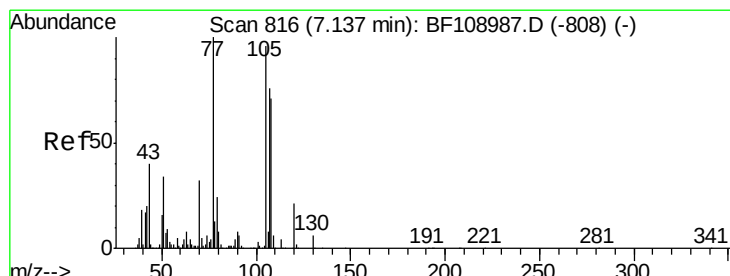
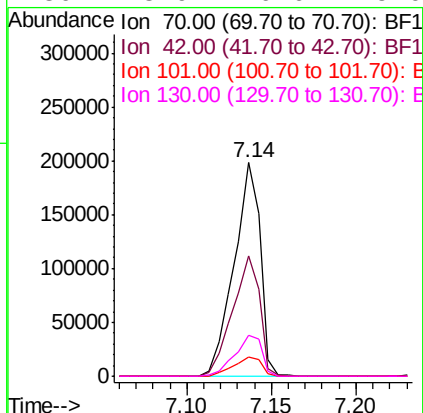




#19
n-Nitroso-di-n-propylamine
Concen: 33.261 ng
RT: 7.14 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

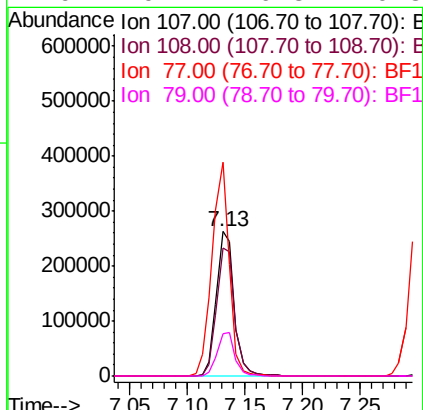
Instrument :
BNA_F
ClientSampleId :
PB112999BS

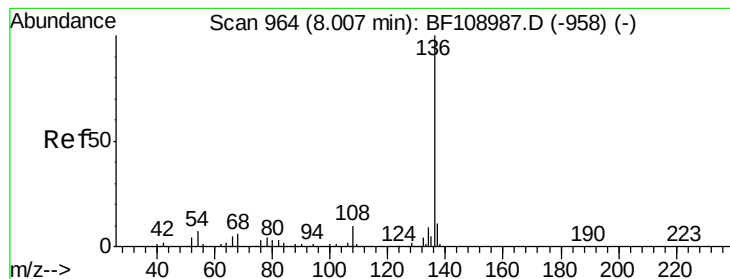
Tgt Ion:	70	Resp:	213859
Ion	Ratio	Lower	Upper
70	100		
42	56.2	47.5	71.3
101	8.9	7.4	11.2
130	18.9	16.6	25.0



#20
3+4-Methylphenols
Concen: 33.982 ng
RT: 7.13 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Tgt Ion:	107	Resp:	281884
Ion	Ratio	Lower	Upper
107	100		
108	88.9	68.2	108.2
77	147.7	26.7	66.7#
79	29.1	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

Instrument :

BNA_F

ClientSampleId :

PB112999BS

Tgt Ion:136 Resp: 453459

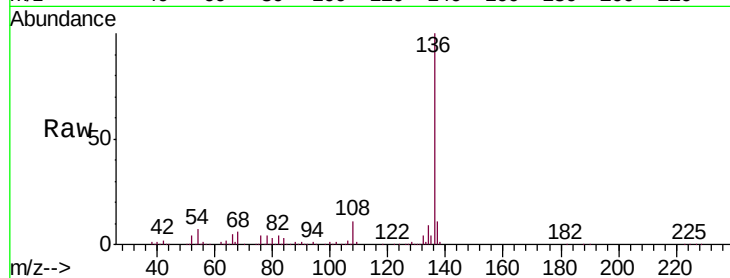
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.5 6.6 9.8

68 6.0 5.0 7.4

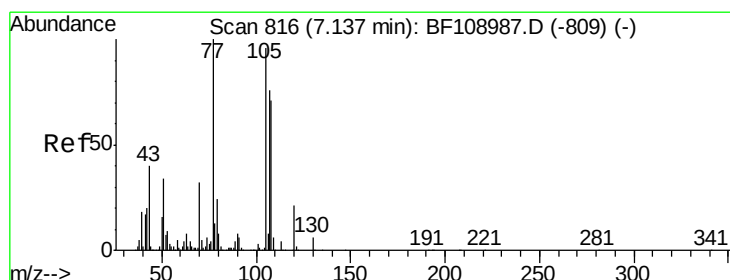
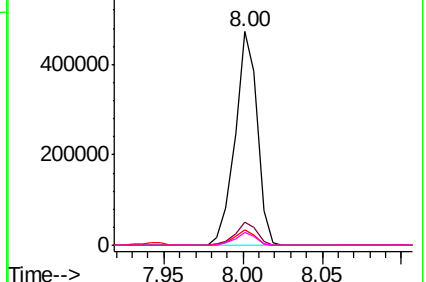
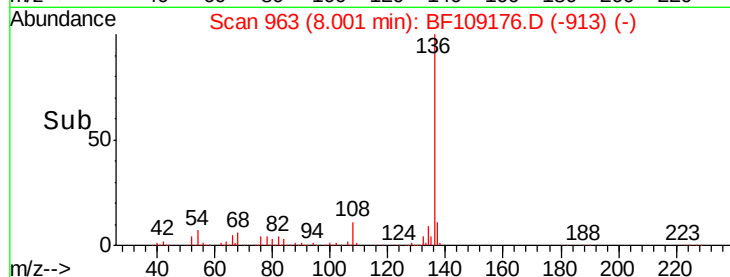


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.096 ng

RT: 7.13 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

Tgt Ion:105 Resp: 402612

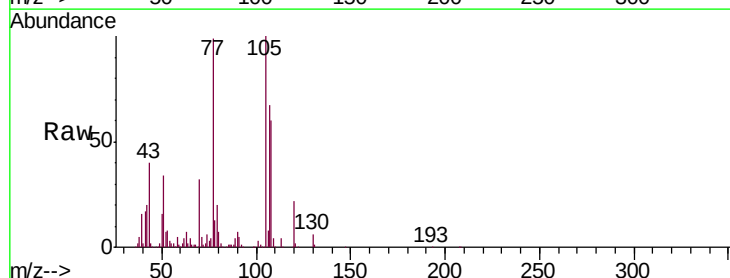
Ion Ratio Lower Upper

105 100

71 5.3 4.4 6.6

51 34.0 22.3 33.5#

120 21.7 16.9 25.3

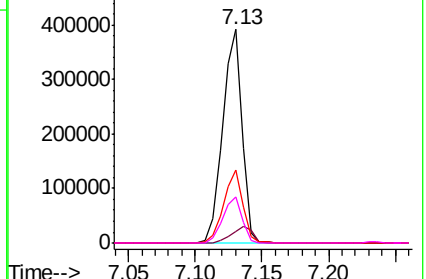
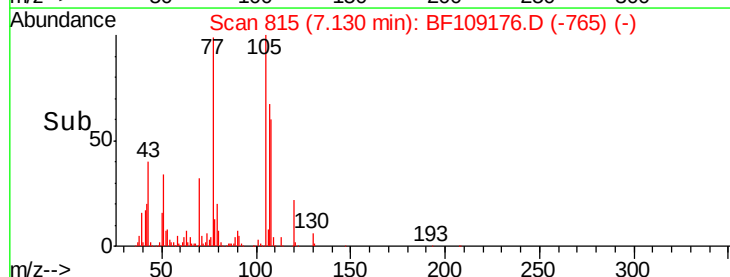


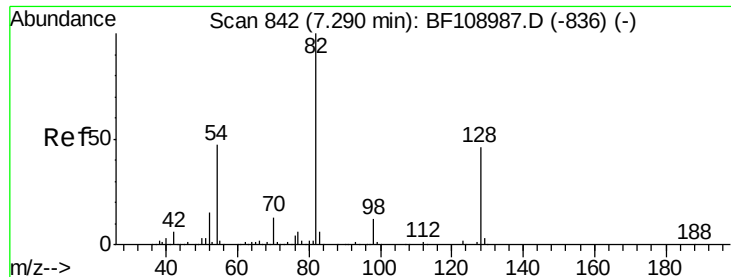
Abundance Ion 105.00 (104.70 to 105.70): E

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

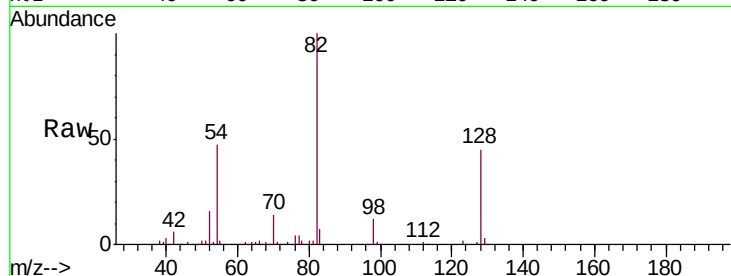




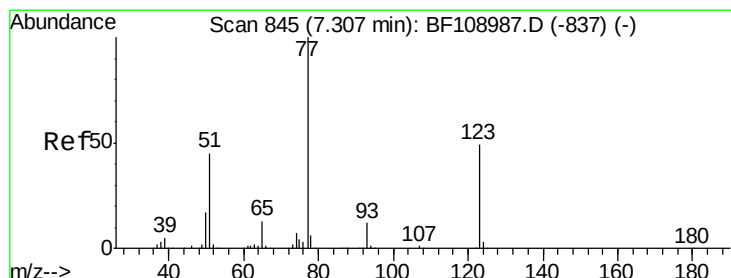
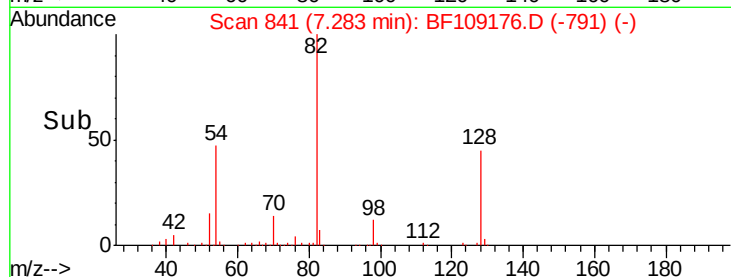
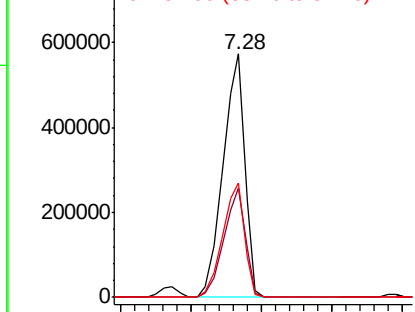
#23
 Nitrobenzene-d5
 Concen: 75.669 ng
 RT: 7.28 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF109176.D
 Acq: 20 Sep 2018 5:59

Instrument :
 BNA_F
 ClientSampleId :
 PB112999BS

Tgt Ion: 82 Resp: 611764
 Ion Ratio Lower Upper
 82 100
 128 44.9 36.1 54.1
 54 47.2 41.4 62.2

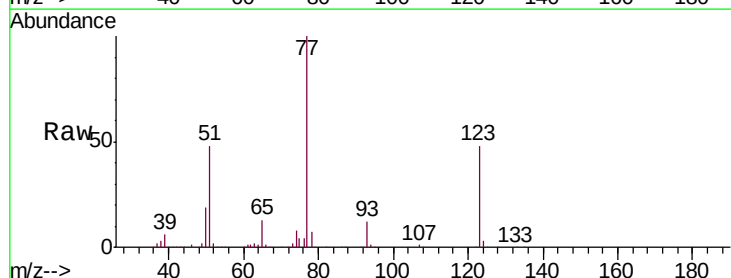


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

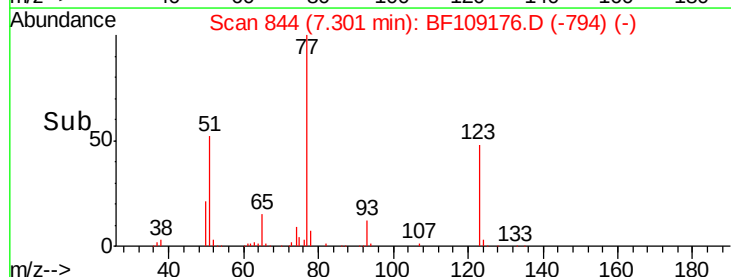
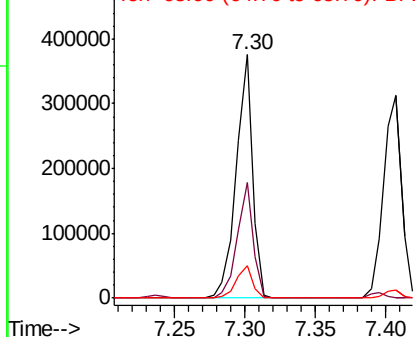


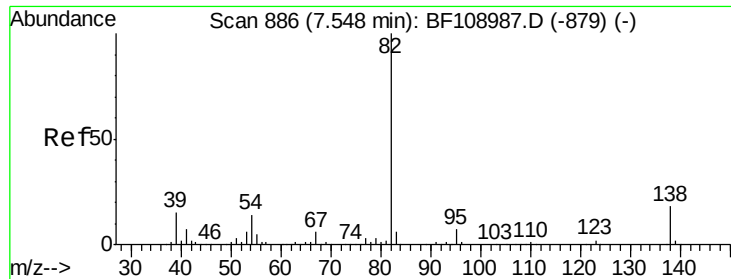
#24
 Nitrobenzene
 Concen: 36.639 ng
 RT: 7.30 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF109176.D
 Acq: 20 Sep 2018 5:59

Tgt Ion: 77 Resp: 305403
 Ion Ratio Lower Upper
 77 100
 123 47.5 37.9 56.9
 65 13.3 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: 41.038 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

Instrument :

BNA_F

ClientSampleId :

PB112999BS

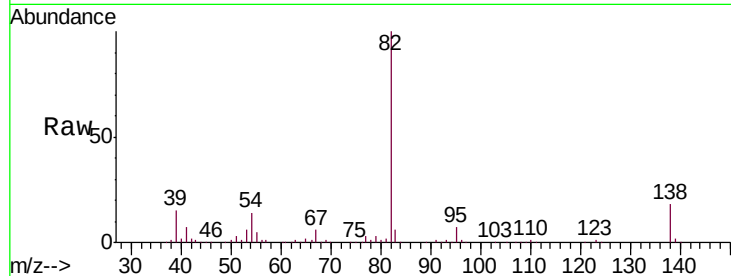
Tgt Ion: 82 Resp: 570320

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

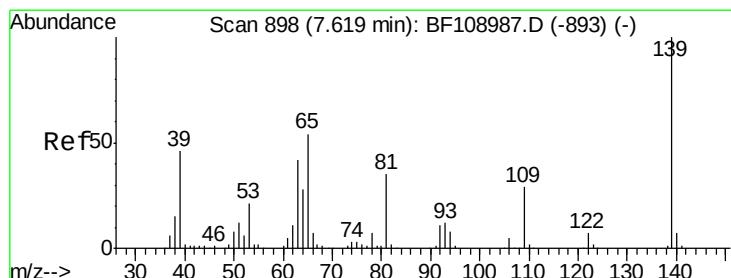
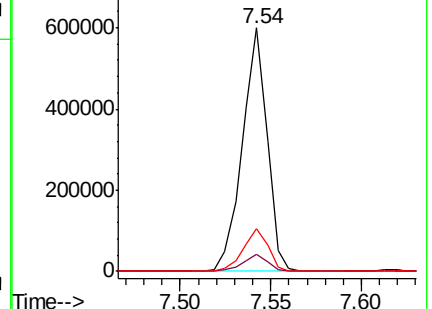
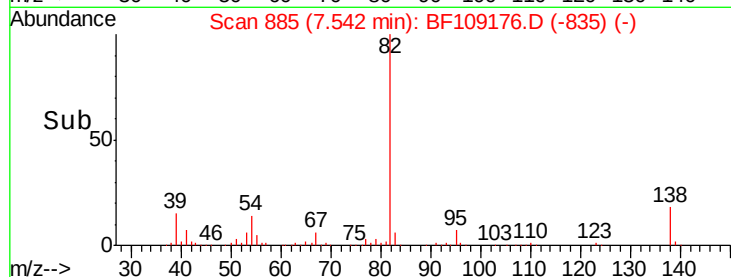
138 17.5 14.9 22.3



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: 26.344 ng

RT: 7.62 min Scan# 898

Delta R.T. -0.00 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

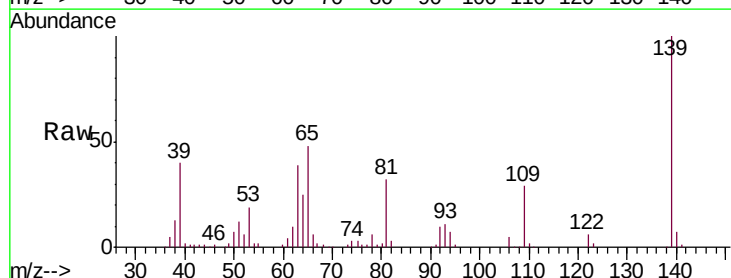
Tgt Ion: 139 Resp: 102538

Ion Ratio Lower Upper

139 100

109 28.9 22.7 34.1

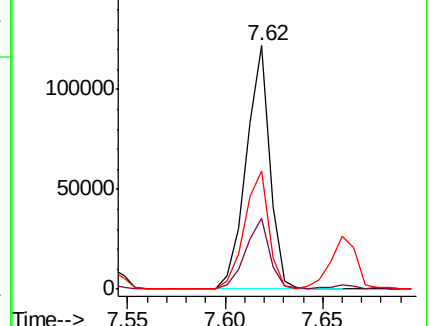
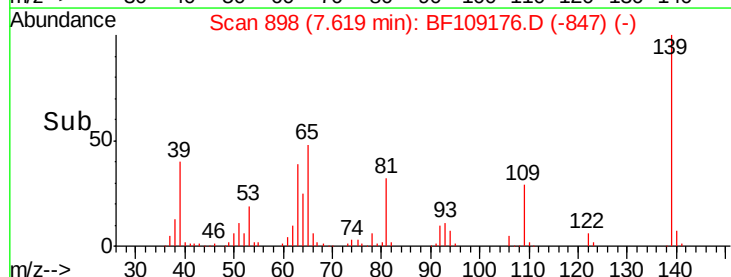
65 48.3 40.5 60.7

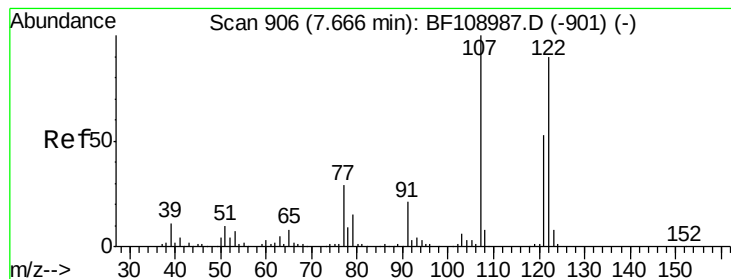


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 41.419 ng

RT: 7.66 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

Instrument :

BNA_F

ClientSampleId :

PB112999BS

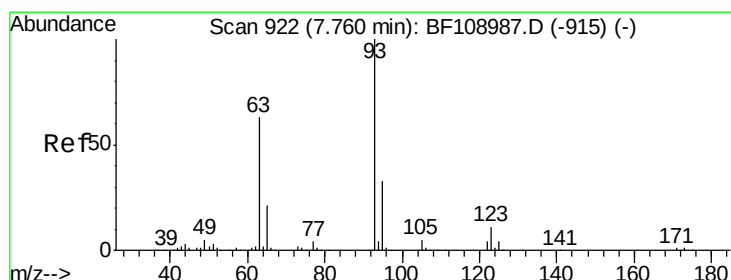
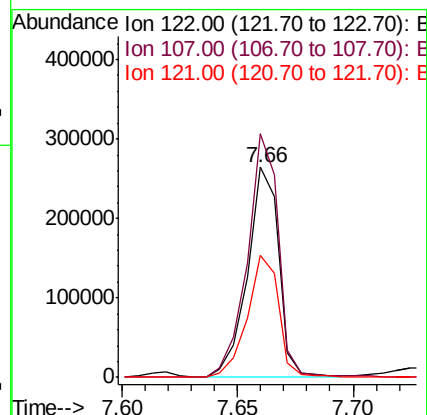
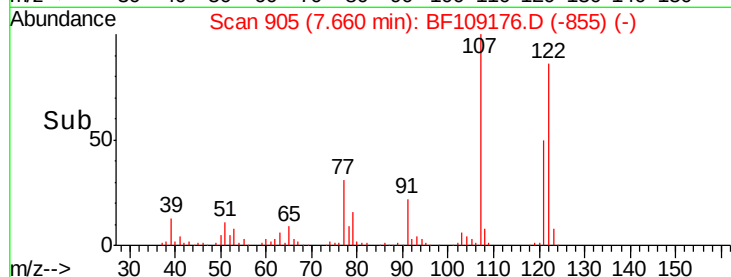
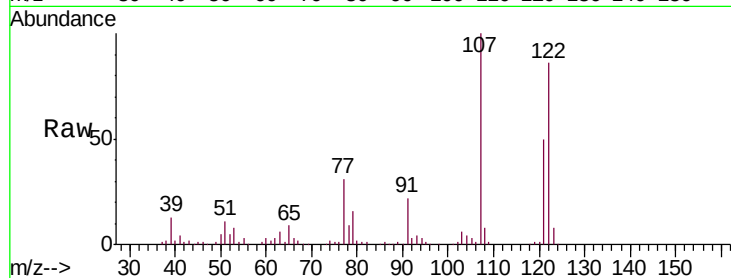
Tgt Ion: 122 Resp: 252881

Ion Ratio Lower Upper

122 100

107 115.8 91.2 136.8

121 58.3 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 38.604 ng

RT: 7.75 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

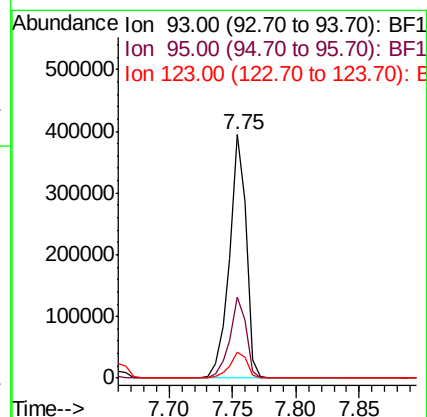
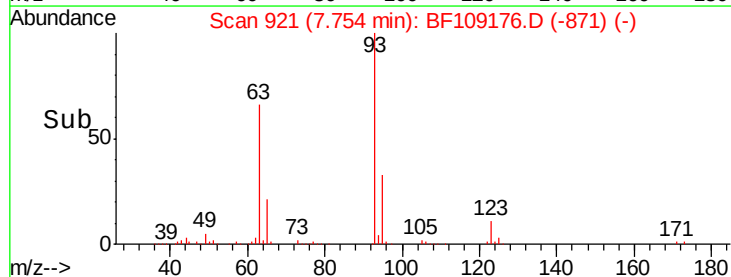
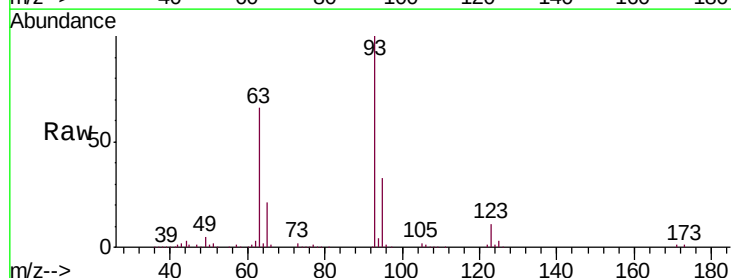
Tgt Ion: 93 Resp: 361029

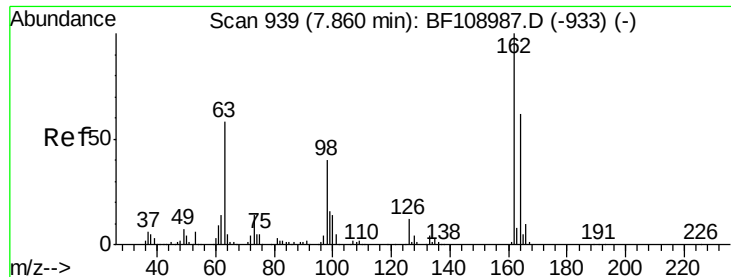
Ion Ratio Lower Upper

93 100

95 33.1 26.3 39.5

123 10.8 9.8 14.6

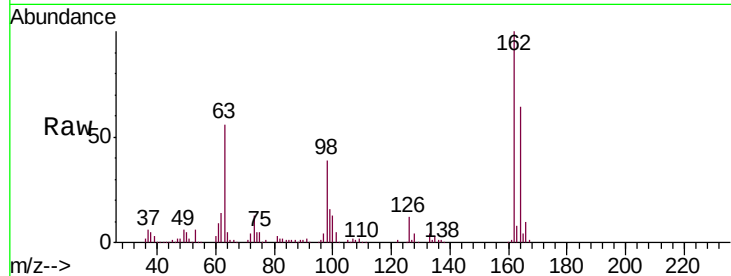




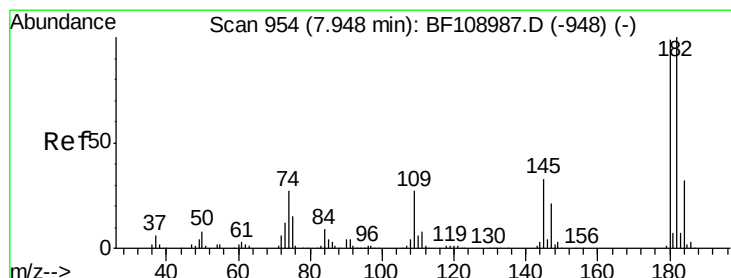
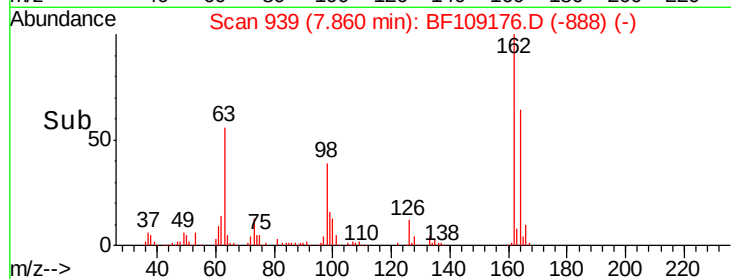
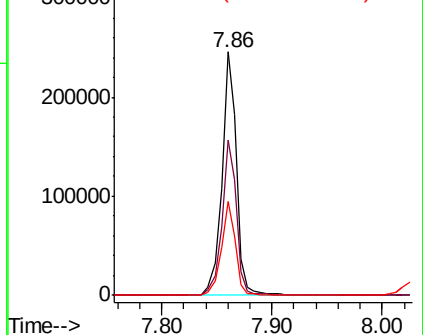
#29
2,4-Dichlorophenol
Concen: 34.472 ng
RT: 7.86 min Scan# 939
Delta R.T. -0.00 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Instrument :
BNA_F
ClientSampleId :
PB112999BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.9	42.7	82.7
98	38.7	18.1	58.1

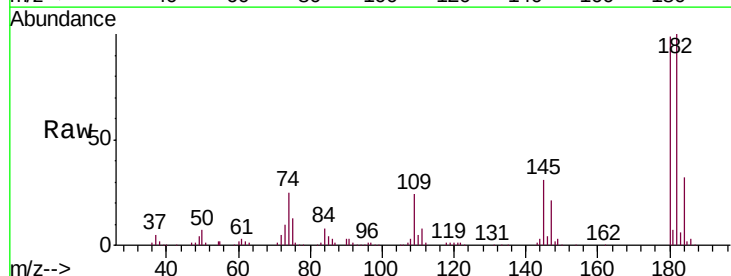


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

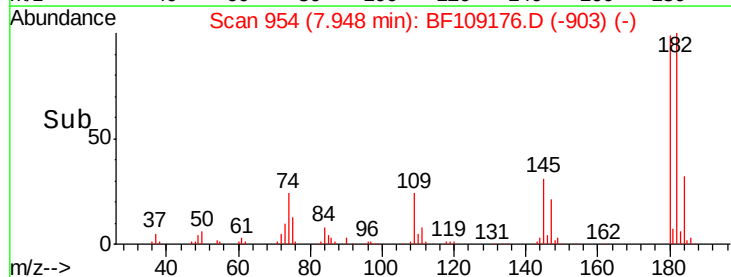
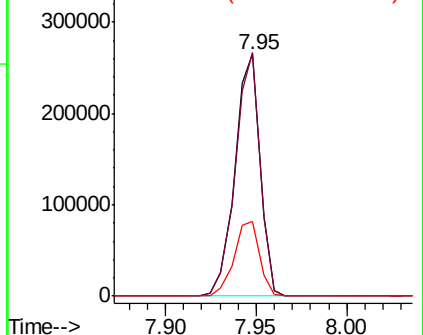


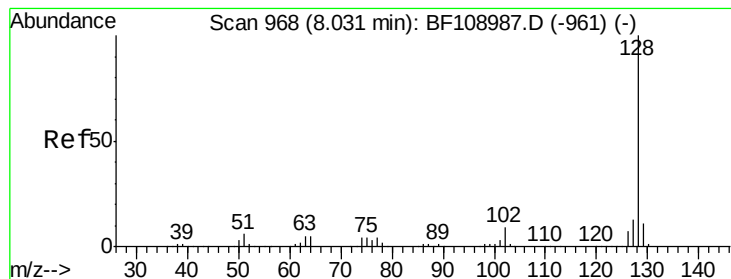
#30
1,2,4-Trichlorobenzene
Concen: 36.264 ng
RT: 7.95 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.7	76.8	115.2
145	31.1	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: 39.414 ng

RT: 8.02 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

Instrument :

BNA_F

ClientSampleId :

PB112999BS

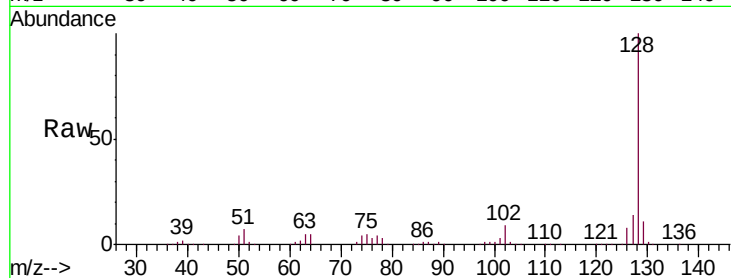
Tgt Ion:128 Resp: 829539

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

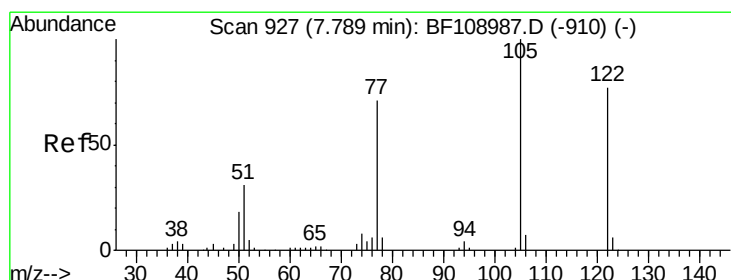
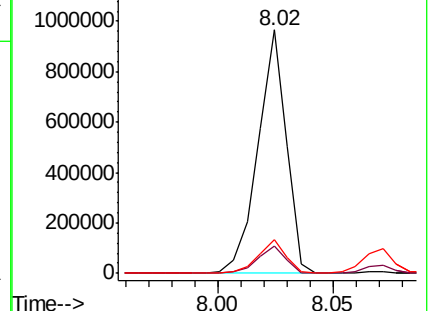
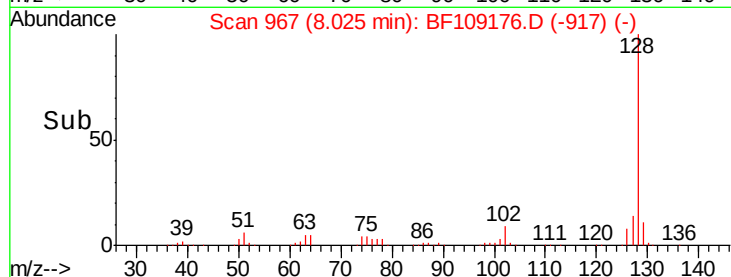
127 13.6 10.9 16.3



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: 8.904 ng

RT: 7.78 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

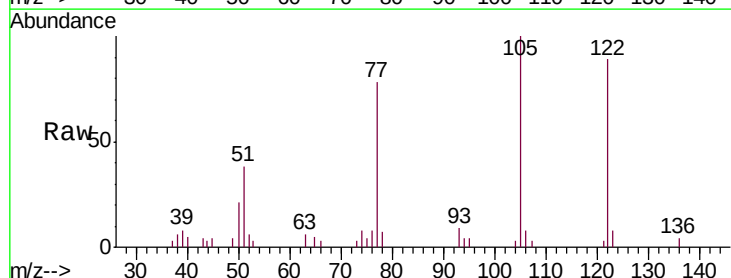
Tgt Ion:122 Resp: 35523

Ion Ratio Lower Upper

122 100

105 112.3 101.1 141.1

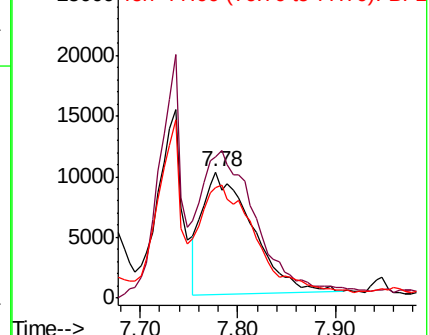
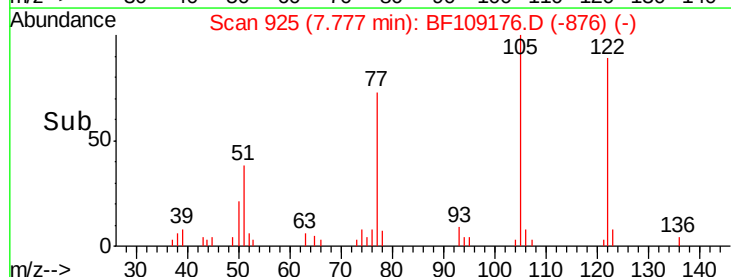
77 87.4 70.7 110.7

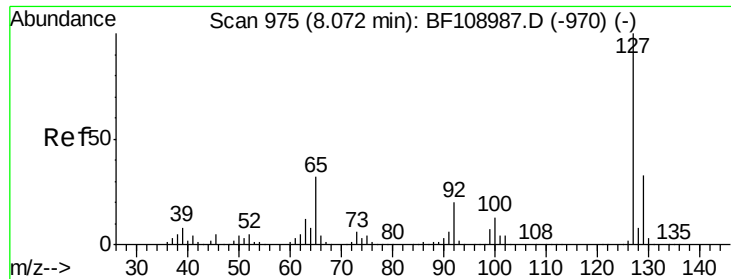


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

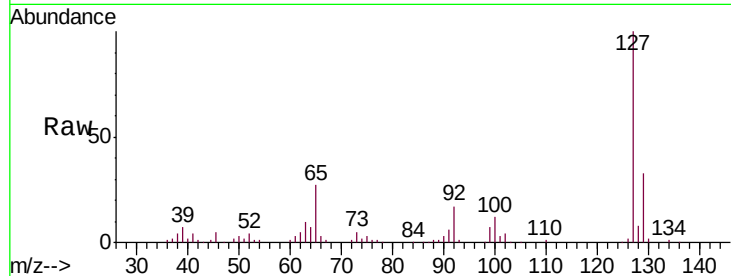




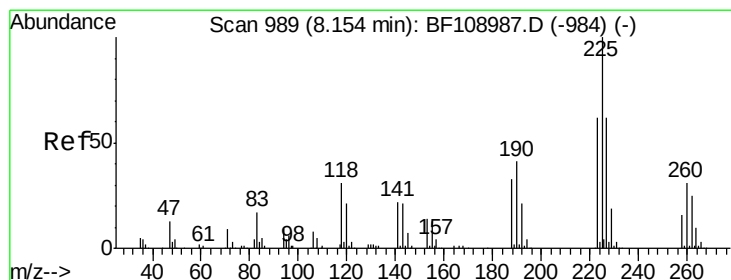
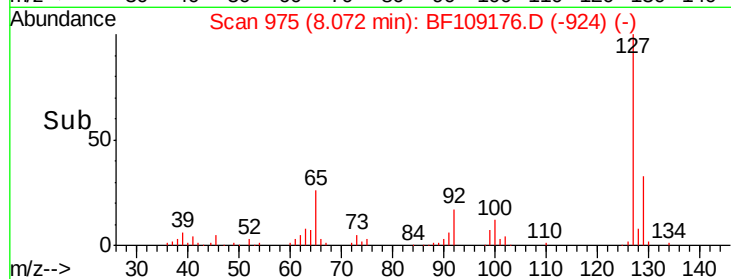
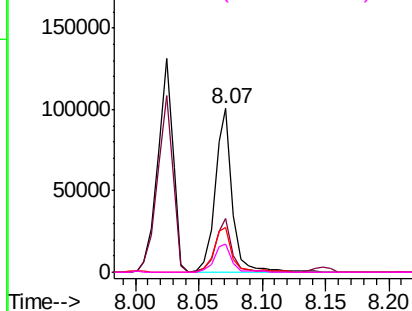
#33
4-Chloroaniline
Concen: 10.328 ng
RT: 8.07 min Scan# 975
Delta R.T. -0.00 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Instrument :
BNA_F
ClientSampleId :
PB112999BS

Tgt Ion:	127	Resp:	96650
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	27.2	25.0	37.4
92	16.9	15.2	22.8

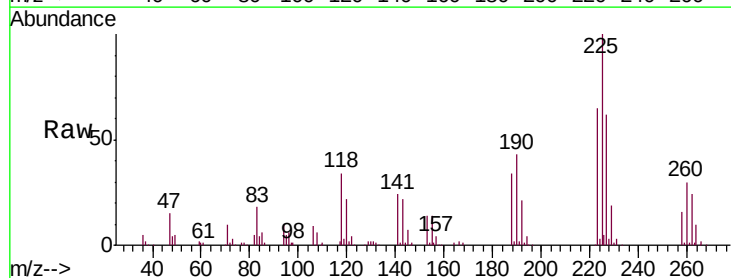


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

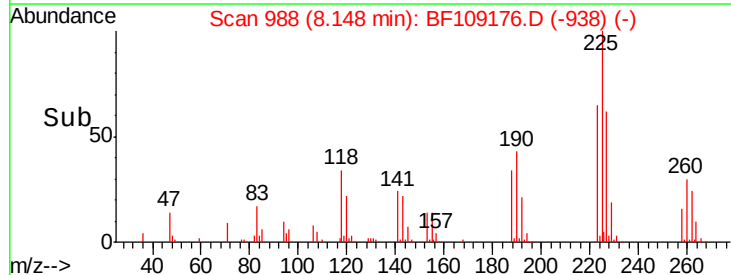
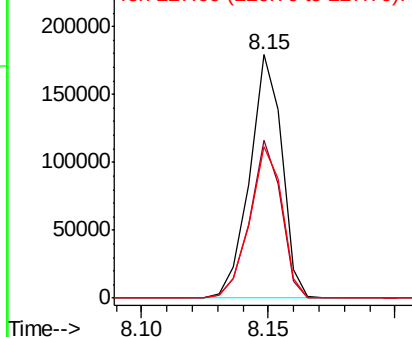


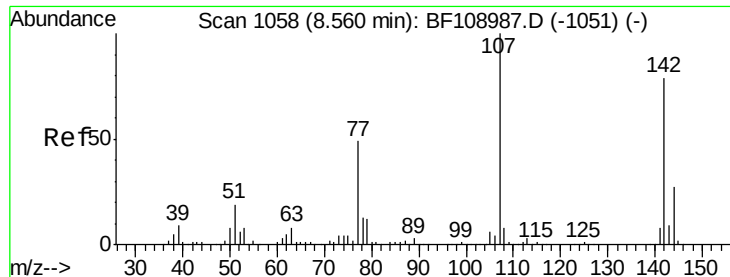
#34
Hexachlorobutadiene
Concen: 37.008 ng
RT: 8.15 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Tgt Ion:	225	Resp:	158897
Ion	Ratio	Lower	Upper
225	100		
223	64.8	50.6	76.0
227	62.2	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

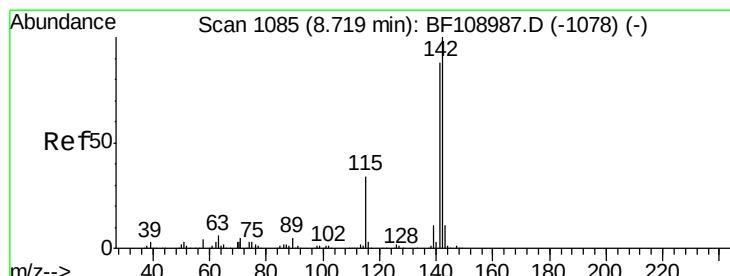
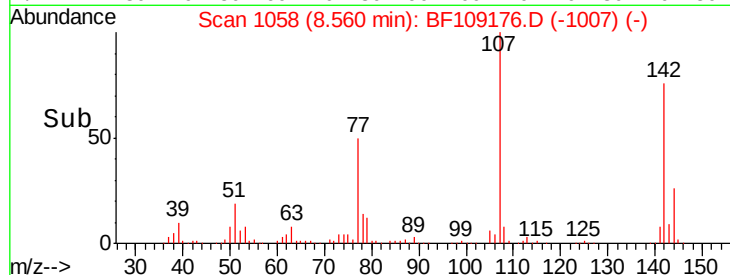
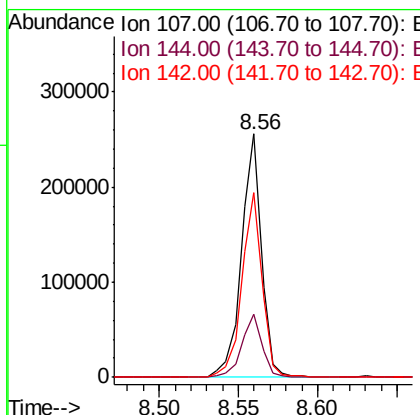
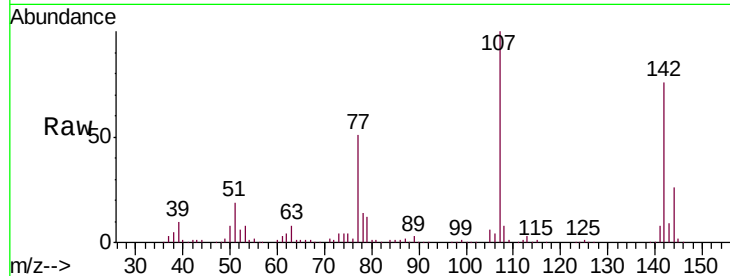




#36
 4-Chloro-3-methylphenol
 Concen: 32.716 ng
 RT: 8.56 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: BF109176.D
 Acq: 20 Sep 2018 5:59

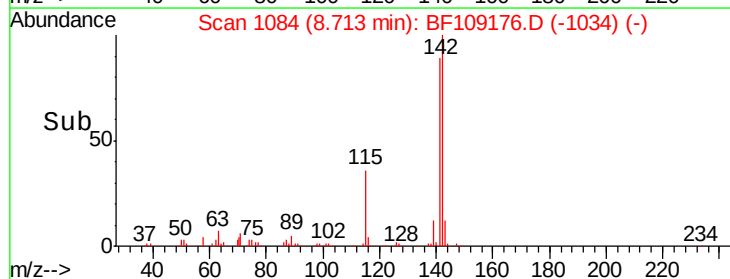
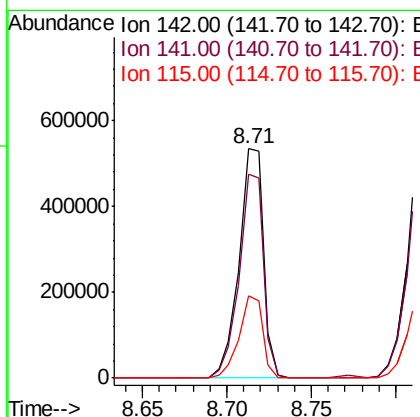
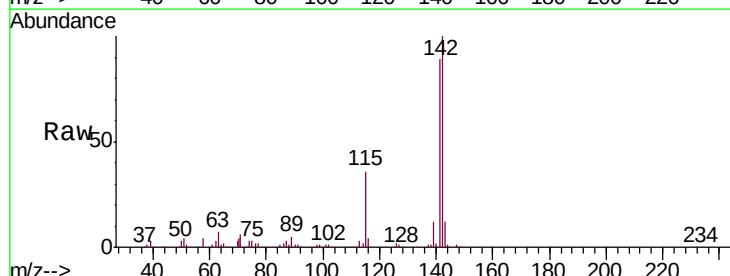
Instrument :
 BNA_F
 ClientSampleId :
 PB112999BS

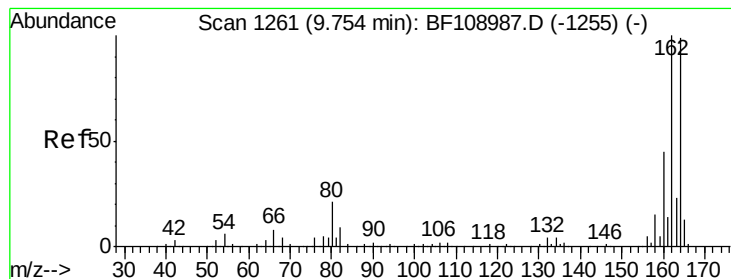
Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.1	20.5	30.7
142	76.1	62.0	93.0



#37
 2-Methylnaphthalene
 Concen: 39.406 ng
 RT: 8.71 min Scan# 1084
 Delta R.T. -0.01 min
 Lab File: BF109176.D
 Acq: 20 Sep 2018 5:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.8	106.2
115	36.0	26.1	39.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

Instrument :

BNA_F

ClientSampleId :

PB112999BS

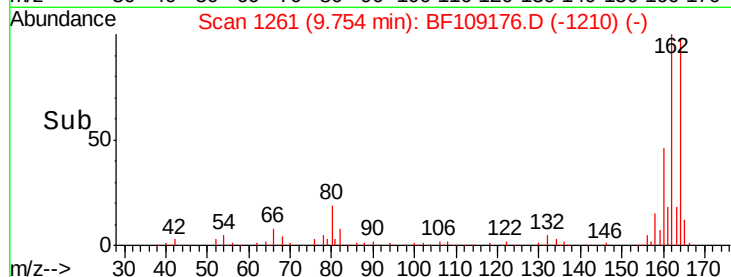
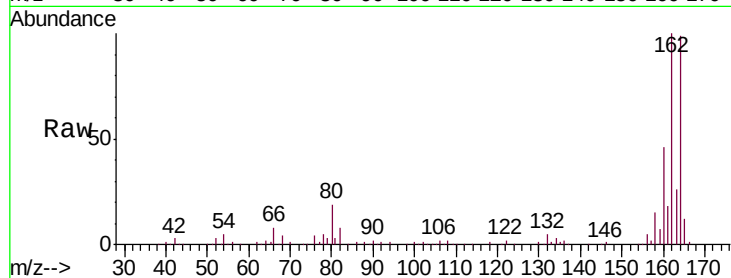
Tgt Ion:164 Resp: 195393

Ion Ratio Lower Upper

164 100

162 101.0 86.1 129.1

160 46.5 38.3 57.5

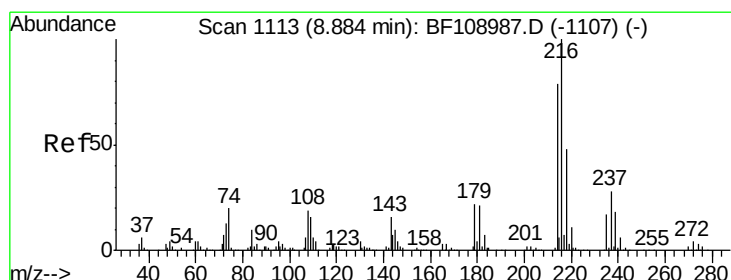
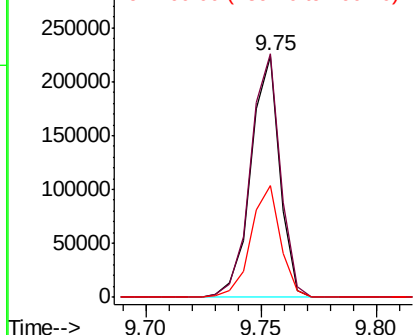


Abundance

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: 38.872 ng

RT: 8.88 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

Tgt Ion:216 Resp: 239057

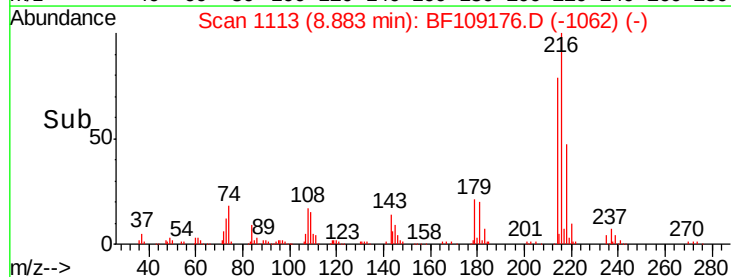
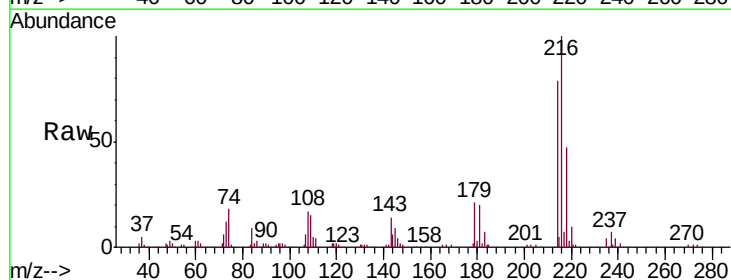
Ion Ratio Lower Upper

216 100

214 79.4 63.0 94.4

179 21.2 18.1 27.1

108 19.0 17.2 25.8



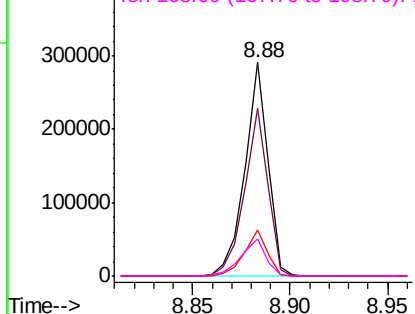
Abundance

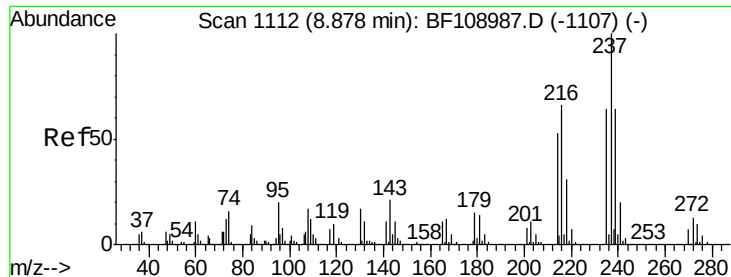
Ion 216.00 (215.70 to 216.70): E

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

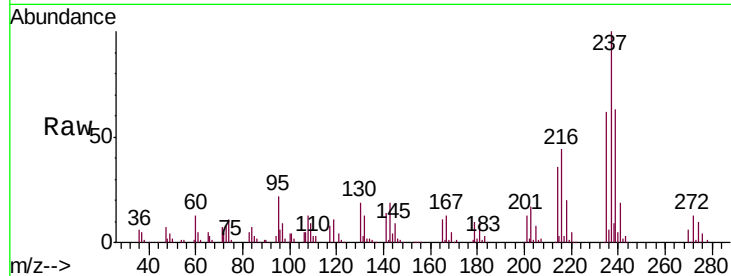




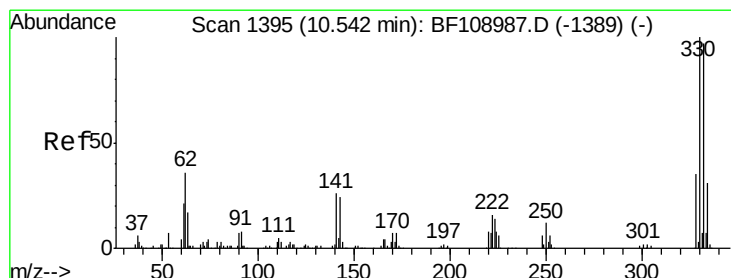
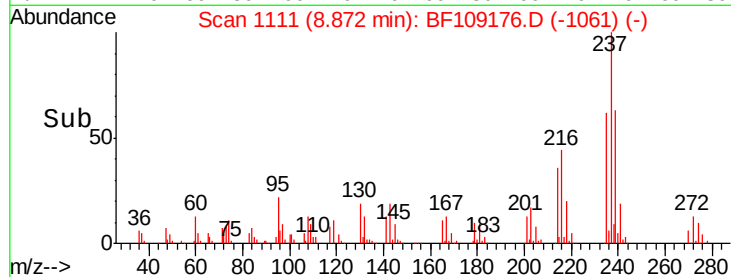
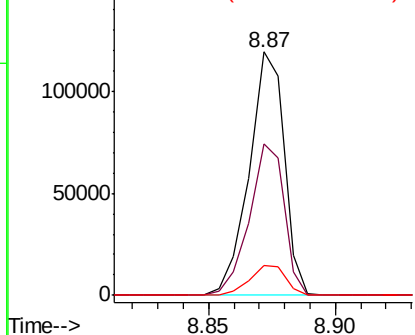
#40
Hexachlorocyclopentadiene
Concen: 37.343 ng
RT: 8.87 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Instrument :
BNA_F
ClientSampleId :
PB112999BS

Tgt Ion: 237 Resp: 115709
Ion Ratio Lower Upper
237 100
235 62.4 44.8 84.8
272 12.5 0.0 33.3

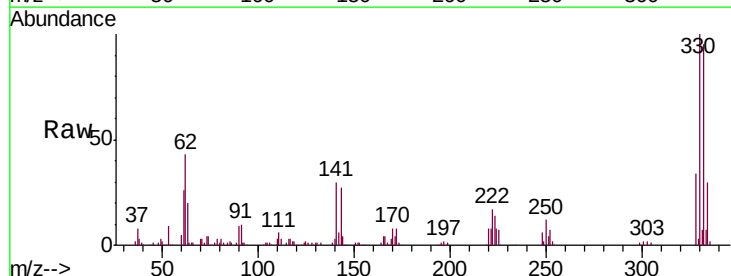


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

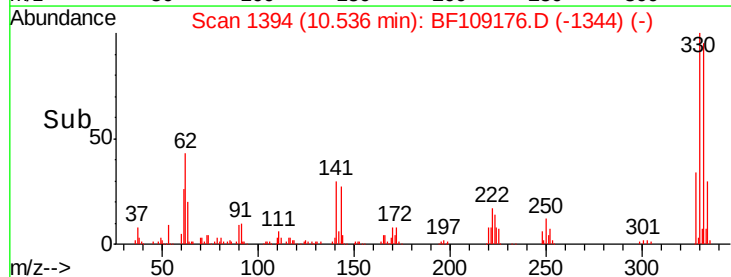
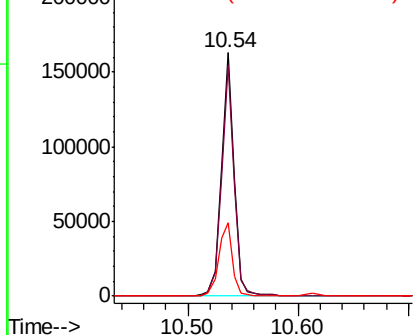


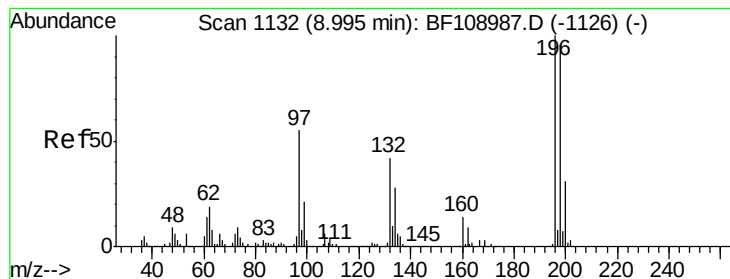
#41
2,4,6-Tribromophenol
Concen: 61.732 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Tgt Ion: 330 Resp: 130904
Ion Ratio Lower Upper
330 100
332 94.8 77.0 115.6
141 32.2 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: 35.314 ng

RT: 9.00 min Scan# 1132

Delta R.T. -0.00 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

Instrument :

BNA_F

ClientSampleId :

PB112999BS

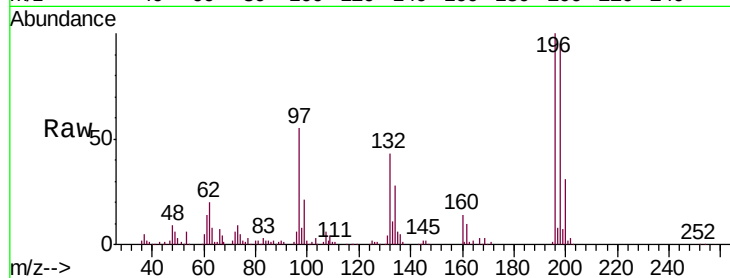
Tgt Ion:196 Resp: 145975

Ion Ratio Lower Upper

196 100

198 95.1 75.7 113.5

200 30.5 24.5 36.7

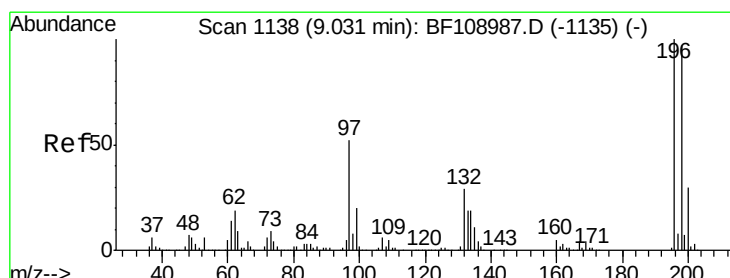
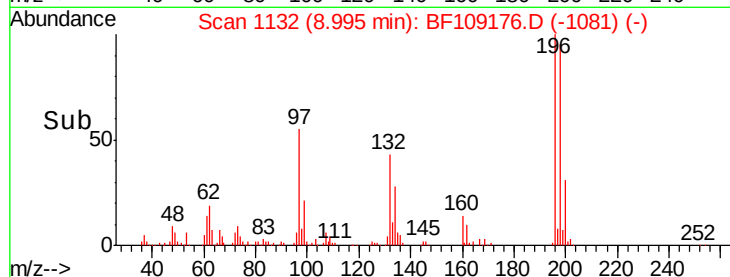
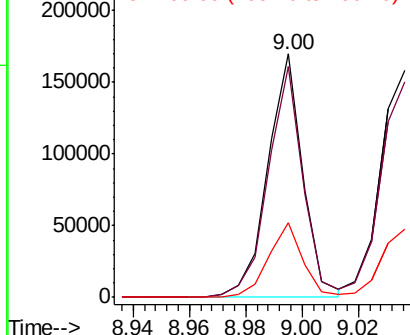


Abundance

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: 33.836 ng

RT: 9.04 min Scan# 1139

Delta R.T. 0.01 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

Tgt Ion:196 Resp: 146158

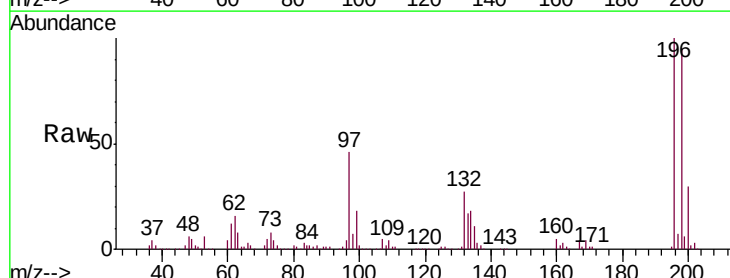
Ion Ratio Lower Upper

196 100

198 94.7 74.6 112.0

97 46.3 42.9 64.3

132 27.2 26.3 39.5



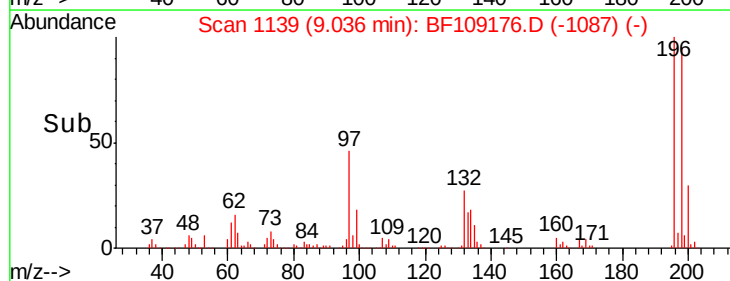
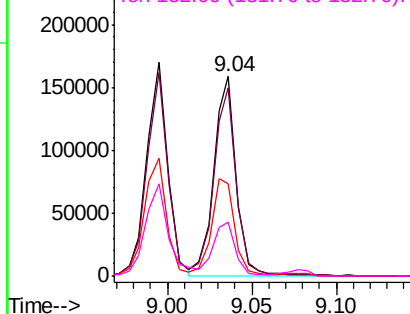
Abundance

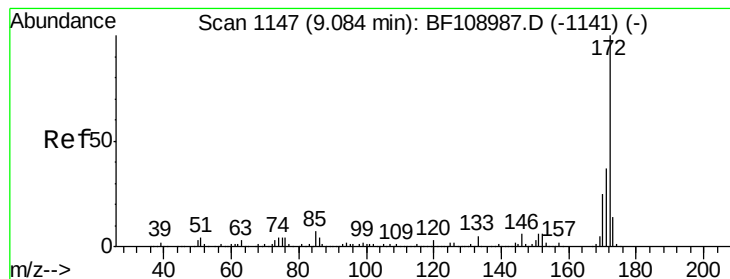
Ion 196.00 (195.70 to 196.70): E

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: 86.670 ng

RT: 9.08 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

Instrument :

BNA_F

ClientSampleId :

PB112999BS

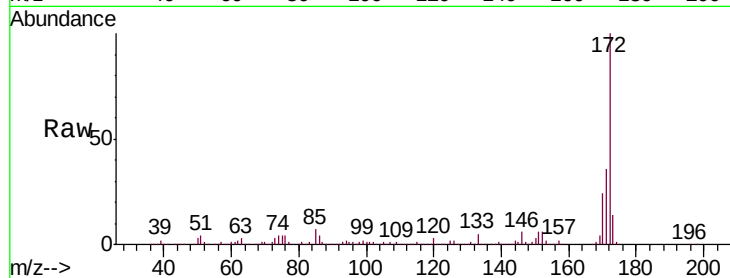
Tgt Ion:172 Resp: 1080898

Ion Ratio Lower Upper

172 100

171 36.2 29.7 44.5

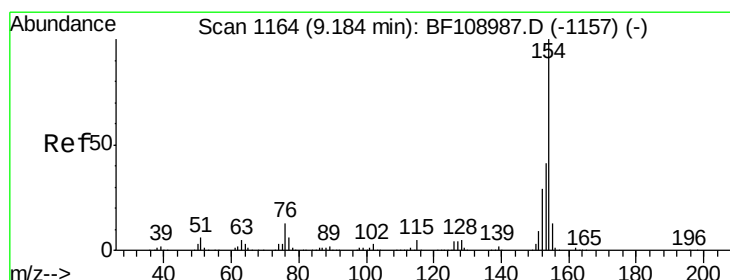
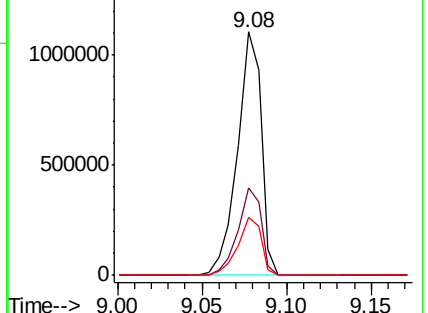
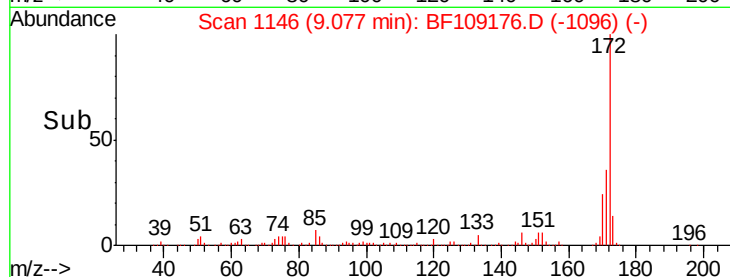
170 24.0 19.6 29.4



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: 39.569 ng

RT: 9.18 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

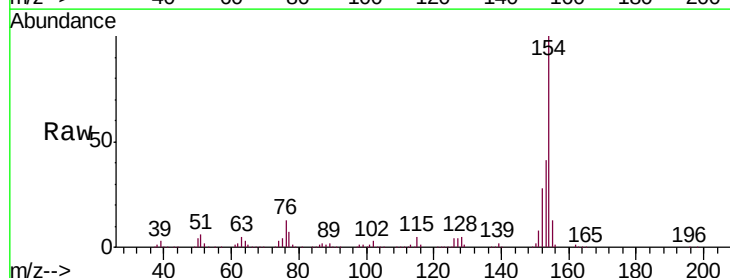
Tgt Ion:154 Resp: 618548

Ion Ratio Lower Upper

154 100

153 41.1 21.3 61.3

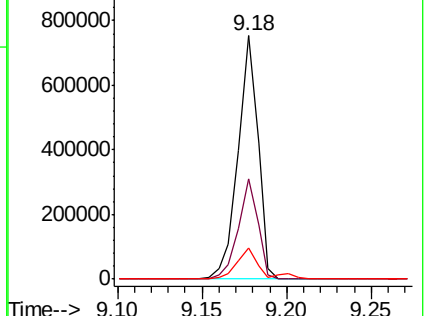
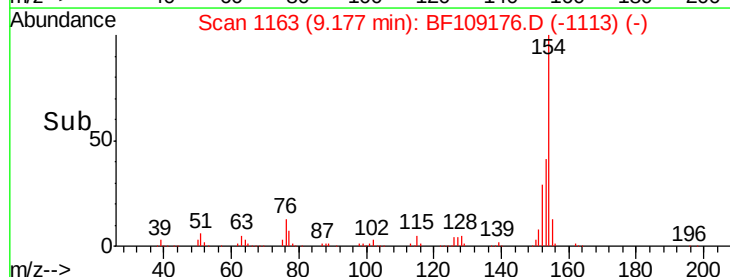
76 12.8 0.0 34.0

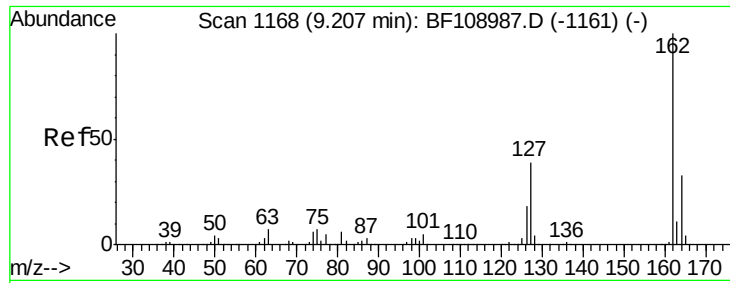


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

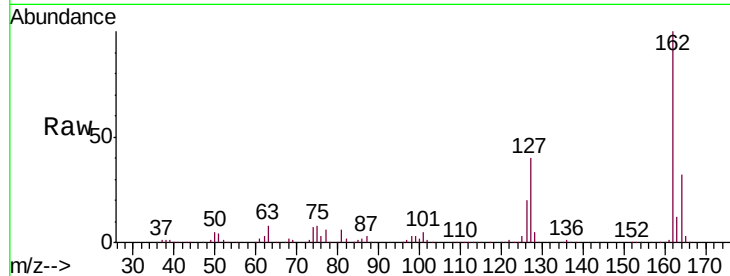




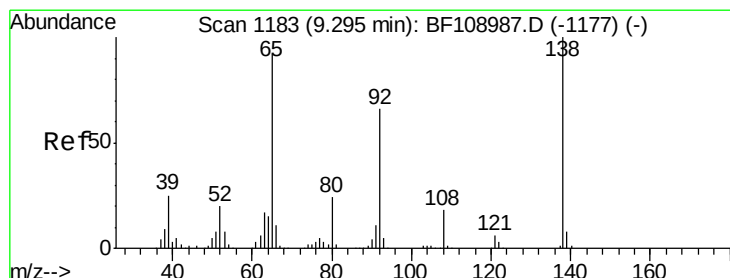
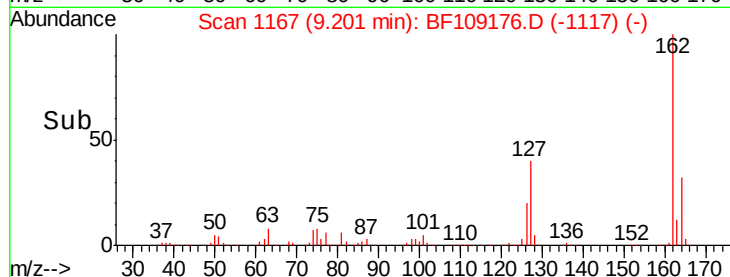
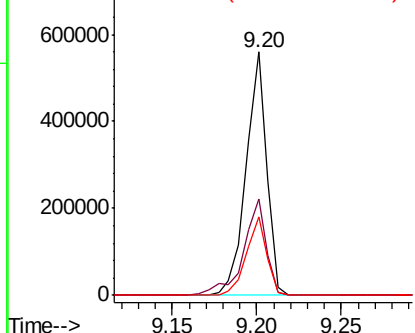
#46
 2-Chloronaphthalene
 Concen: 38.298 ng
 RT: 9.20 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF109176.D
 Acq: 20 Sep 2018 5:59

Instrument :
 BNA_F
 ClientSampleId :
 PB112999BS

Tgt Ion: 162 Resp: 479465
 Ion Ratio Lower Upper
 162 100
 127 39.7 33.9 50.9
 164 32.4 26.5 39.7

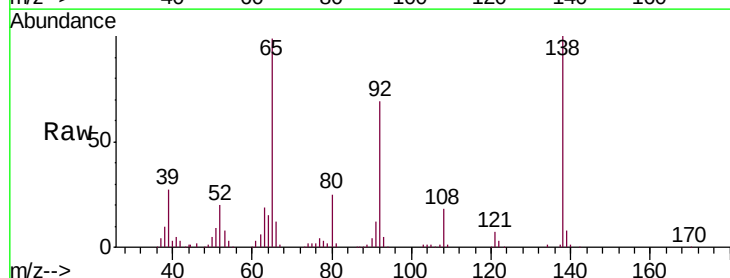


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

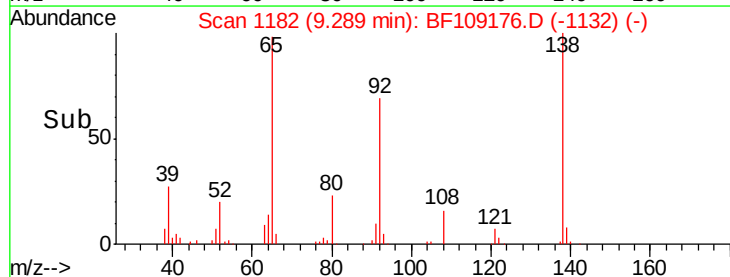
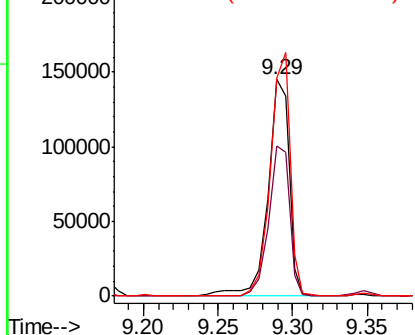


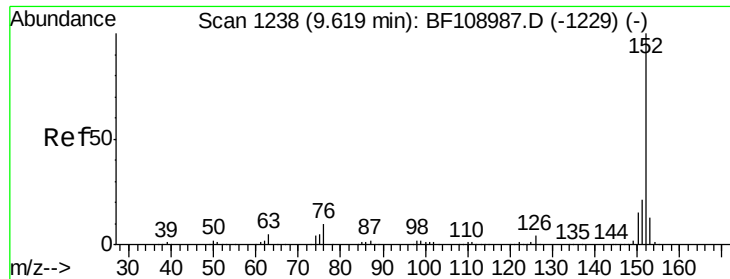
#47
 2-Nitroaniline
 Concen: 37.011 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF109176.D
 Acq: 20 Sep 2018 5:59

Tgt Ion: 65 Resp: 142445
 Ion Ratio Lower Upper
 65 100
 92 69.3 55.8 83.6
 138 101.0 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): E





#48

Acenaphthylene

Concen: 39.501 ng

RT: 9.61 min Scan# 1237

Delta R.T. -0.01 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

Instrument :

BNA_F

ClientSampleId :

PB112999BS

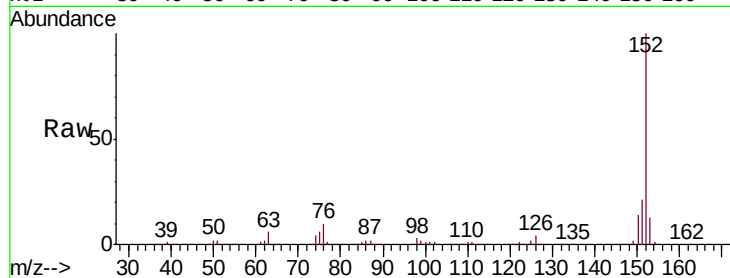
Tgt Ion:152 Resp: 745598

Ion Ratio Lower Upper

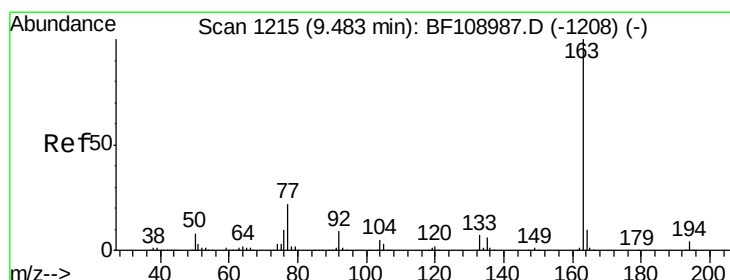
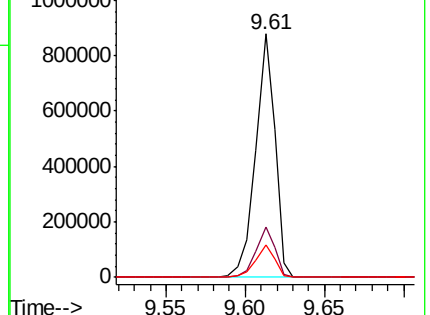
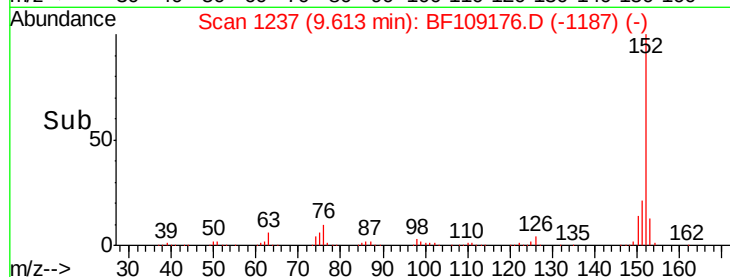
152 100

151 20.6 16.3 24.5

153 13.2 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: 40.364 ng

RT: 9.48 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

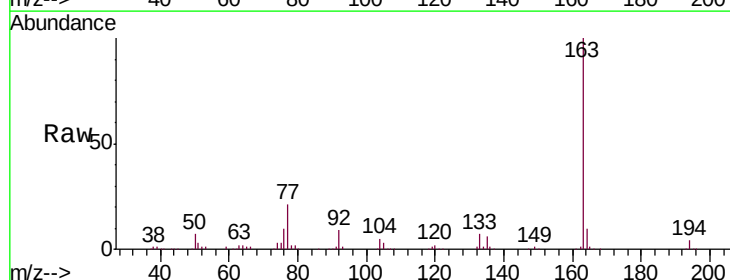
Tgt Ion:163 Resp: 563698

Ion Ratio Lower Upper

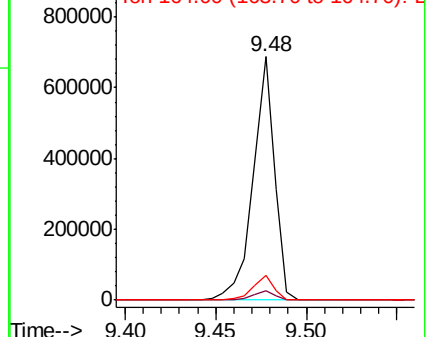
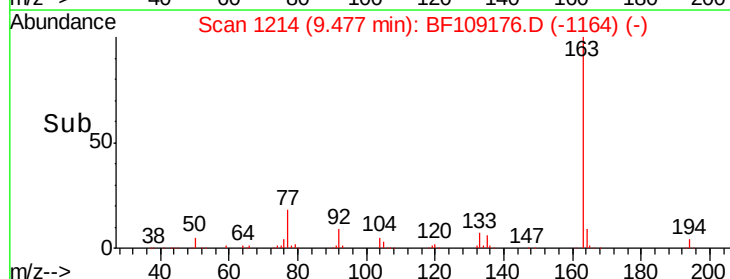
163 100

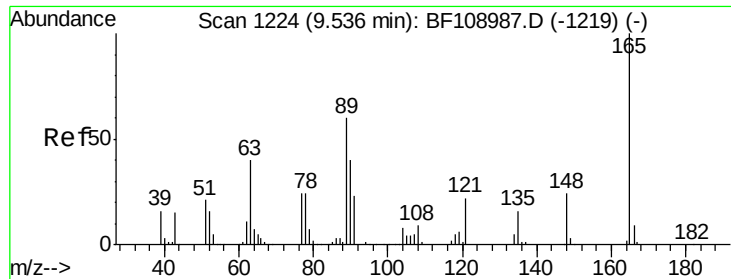
194 3.8 2.7 4.1

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

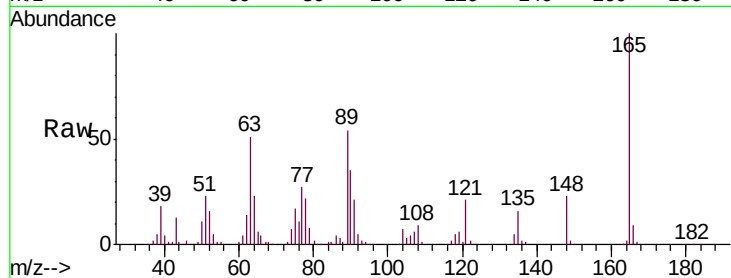




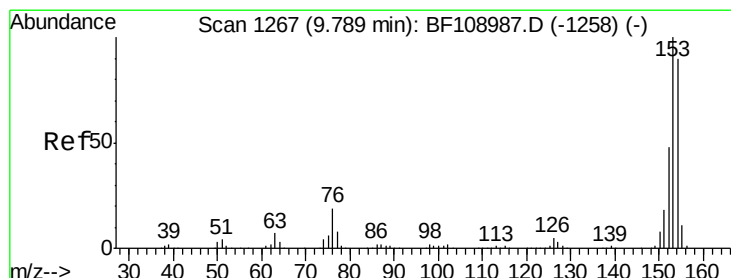
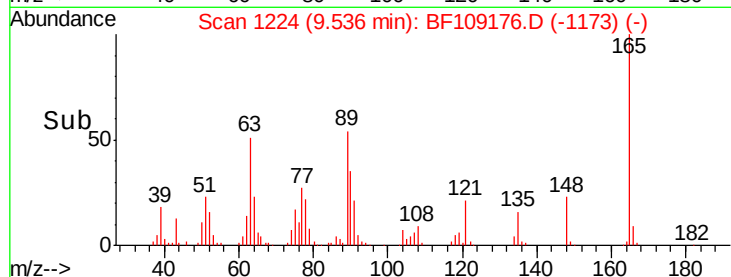
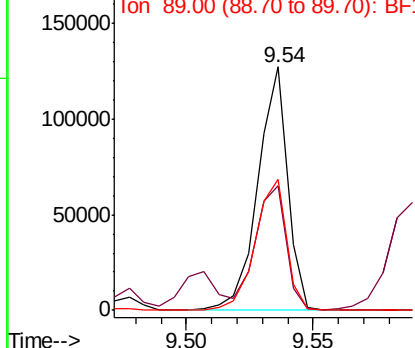
#50
2,6-Dinitrotoluene
Concen: 33.783 ng
RT: 9.54 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Instrument :
BNA_F
ClientSampleId :
PB112999BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.1	44.7	67.1
89	53.9	44.0	66.0

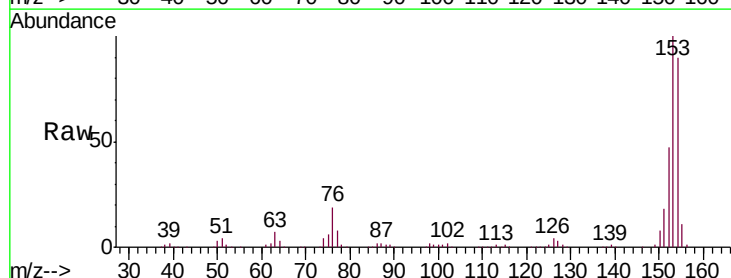


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

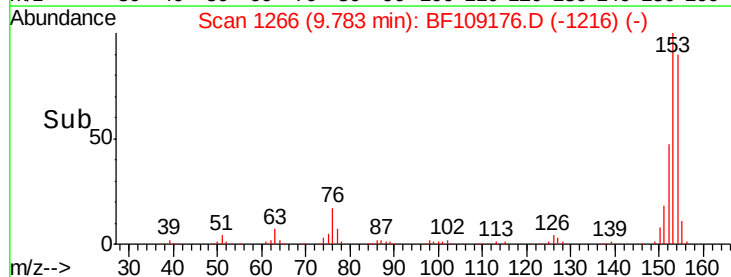
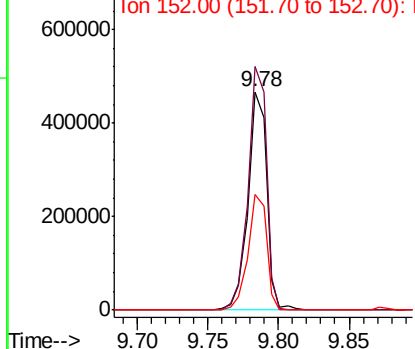


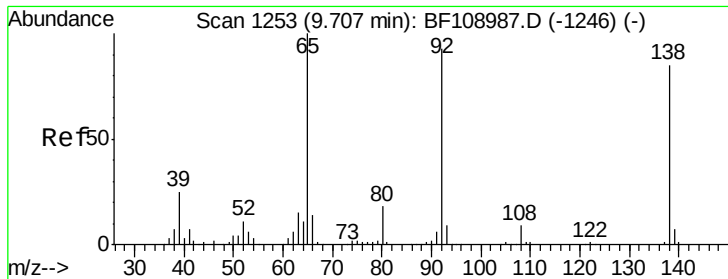
#51
Acenaphthene
Concen: 37.112 ng
RT: 9.78 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.6	91.2	136.8
152	52.9	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: 29.964 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

Instrument :

BNA_F

ClientSampleId :

PB112999BS

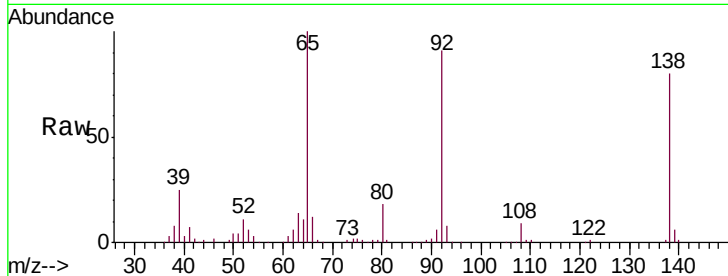
Tgt Ion:138 Resp: 109276

Ion Ratio Lower Upper

138 100

108 10.7 9.4 14.0

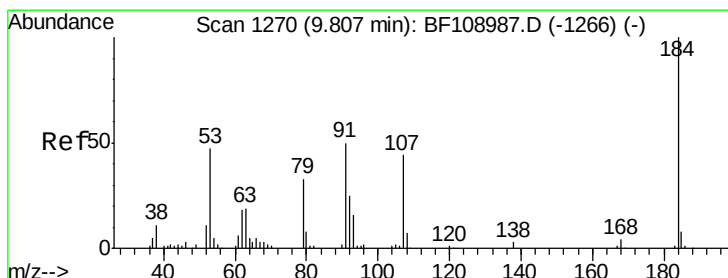
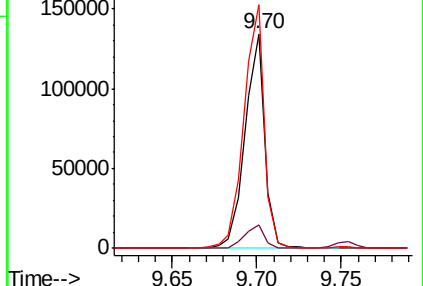
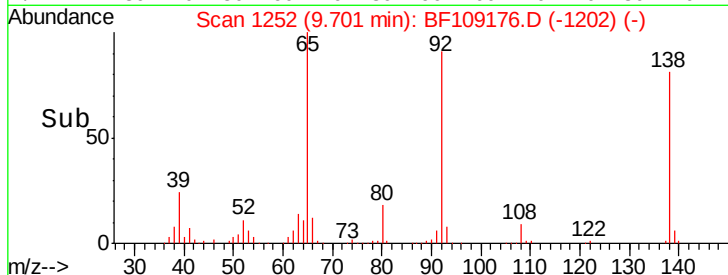
92 113.6 89.4 134.2



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: 11.449 ng

RT: 9.81 min Scan# 1270

Delta R.T. -0.00 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

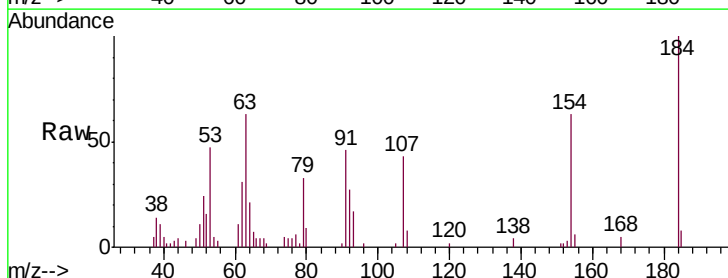
Tgt Ion:184 Resp: 13665

Ion Ratio Lower Upper

184 100

63 63.4 54.2 81.2

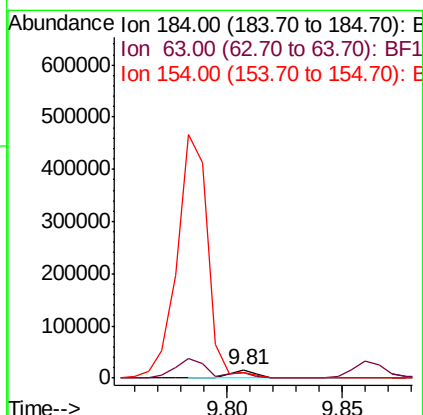
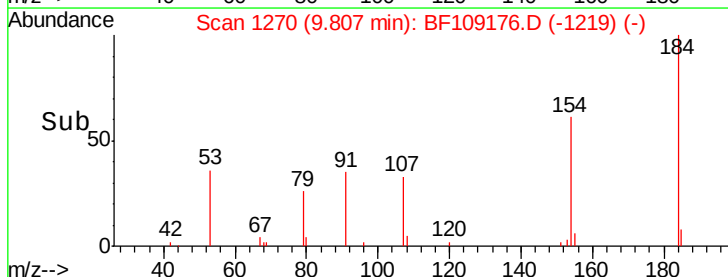
154 63.1 184.0 276.0#

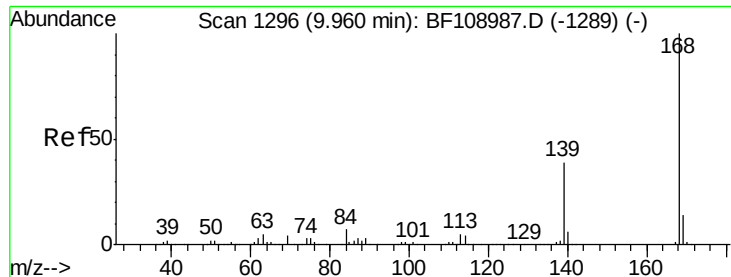


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

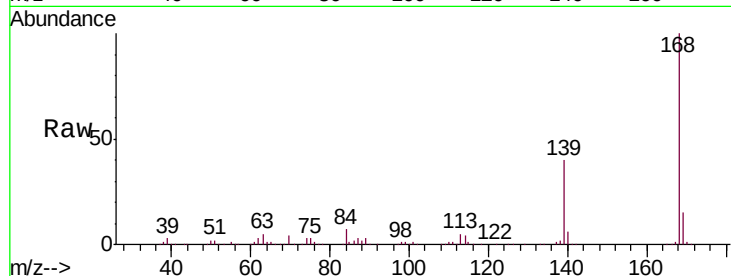




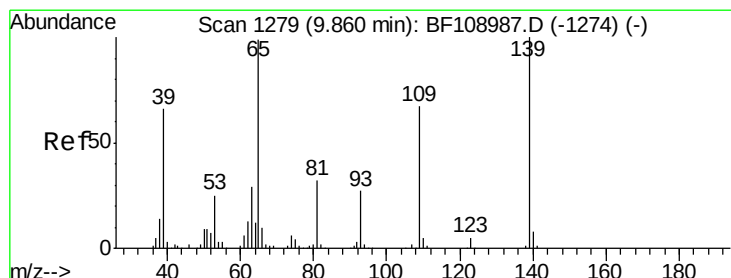
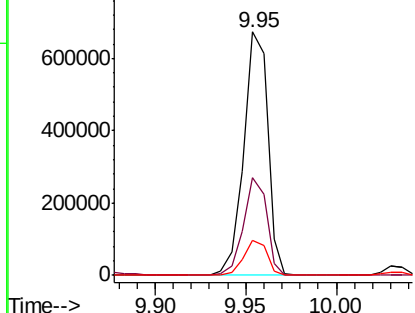
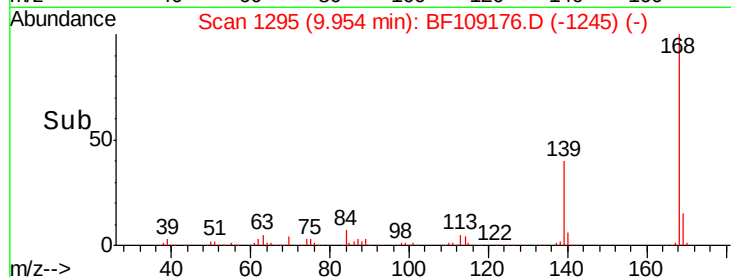
#54
Dibenzenofuran
Concen: 36.642 ng
RT: 9.95 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Instrument :
BNA_F
ClientSampleId :
PB112999BS

Tgt Ion:168 Resp: 622357
Ion Ratio Lower Upper
168 100
139 39.9 30.1 45.1
169 14.6 10.9 16.3

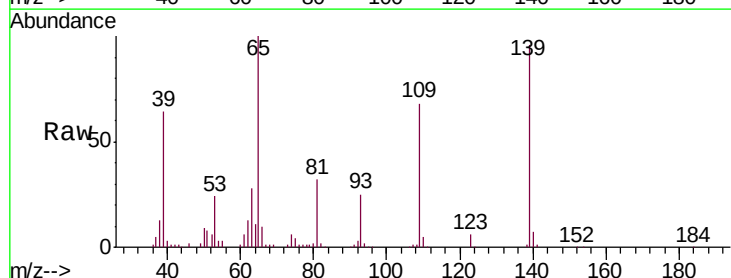


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

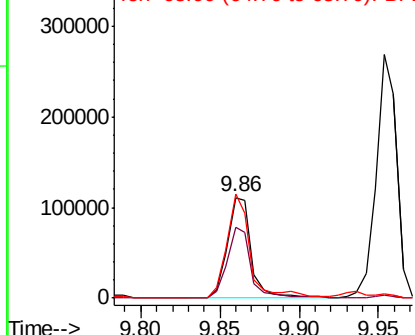
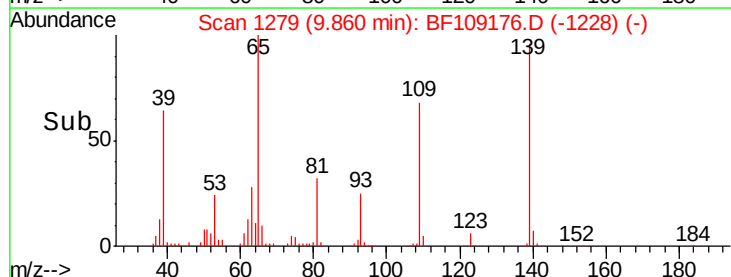


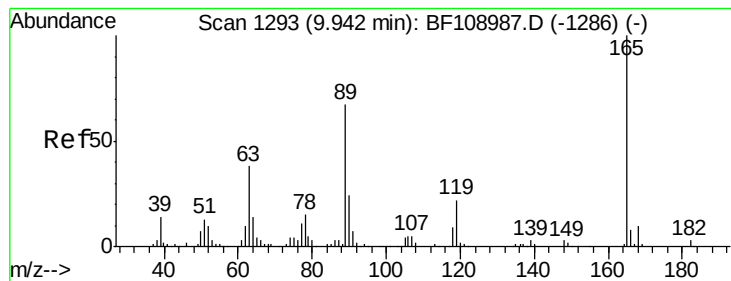
#55
4-Nitrophenol
Concen: 43.348 ng
RT: 9.86 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Tgt Ion:139 Resp: 116473
Ion Ratio Lower Upper
139 100
109 71.1 48.4 88.4
65 104.0 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: 30.947 ng

RT: 9.94 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

Instrument :

BNA_F

ClientSampleId :

PB112999BS

Tgt Ion:165 Resp: 125347

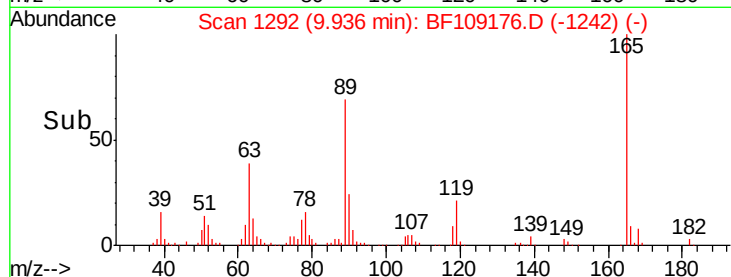
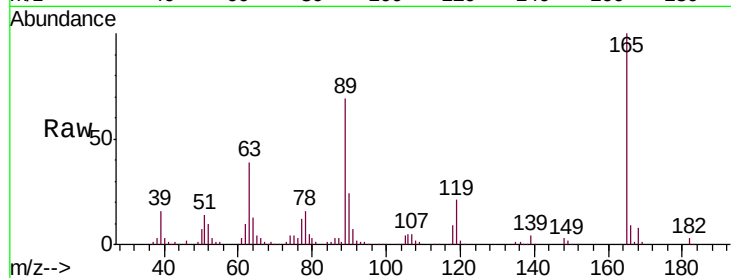
Ion Ratio Lower Upper

165 100

63 39.5 36.4 54.6

89 68.5 57.8 86.6

182 2.7 1.6 2.4#

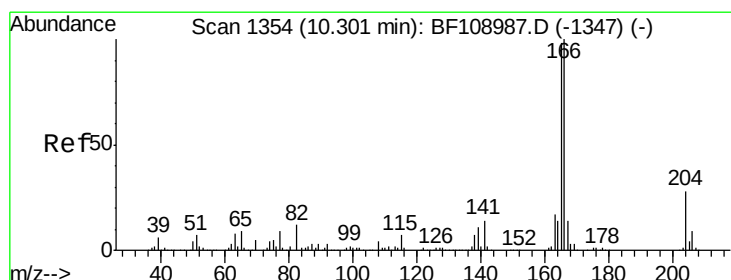
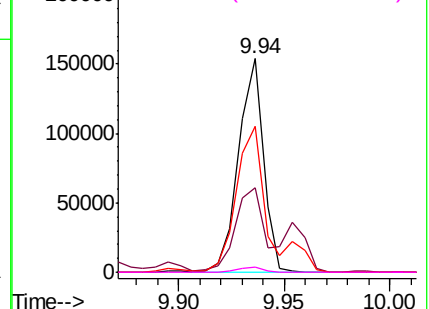


Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.467 ng

RT: 10.29 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

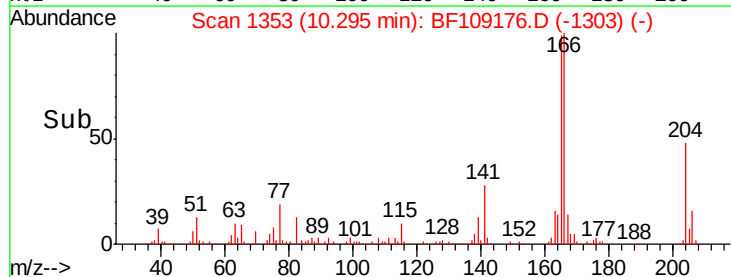
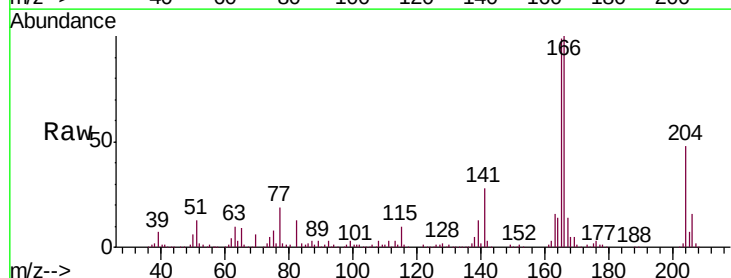
Tgt Ion:166 Resp: 458034

Ion Ratio Lower Upper

166 100

165 99.1 79.8 119.8

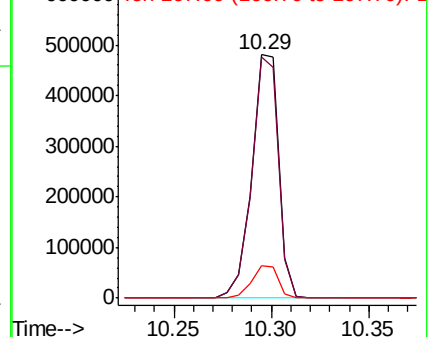
167 13.5 10.6 16.0

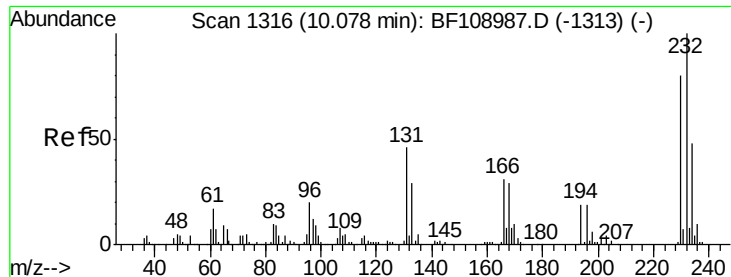


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

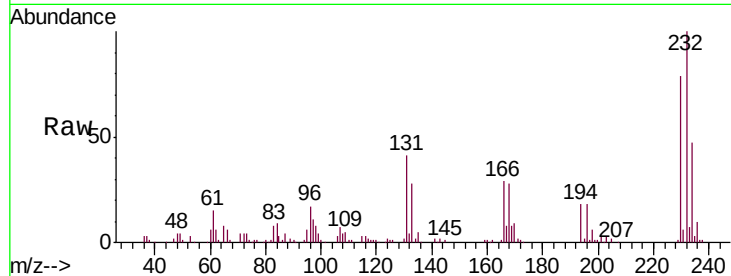




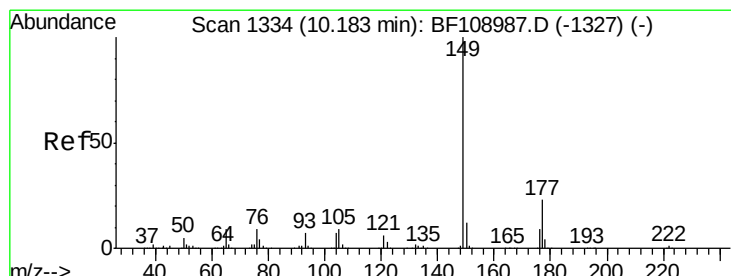
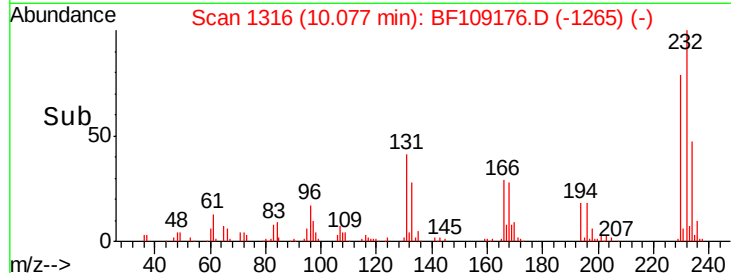
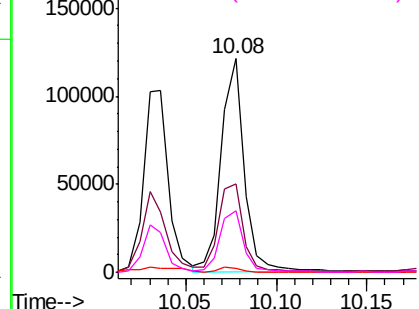
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 29.594 ng
 RT: 10.08 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: BF109176.D
 Acq: 20 Sep 2018 5:59

Instrument :
 BNA_F
 ClientSampleId :
 PB112999BS

Tgt Ion:	232	Resp:	105848
Ion	Ratio	Lower	Upper
232	100		
131	46.5	43.8	65.8
130	2.2	2.1	3.1
166	31.1	27.8	41.6

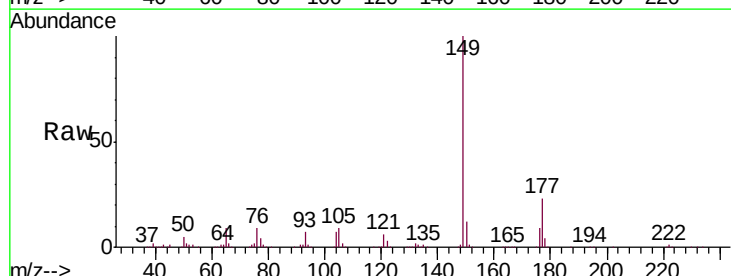


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

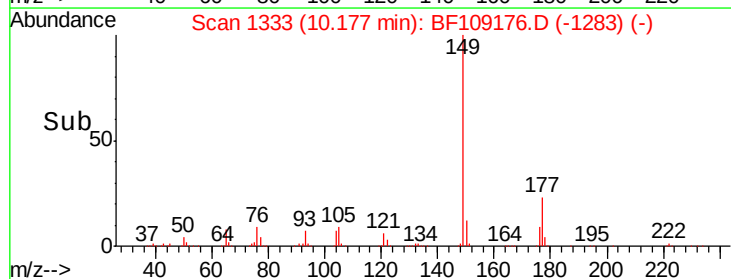
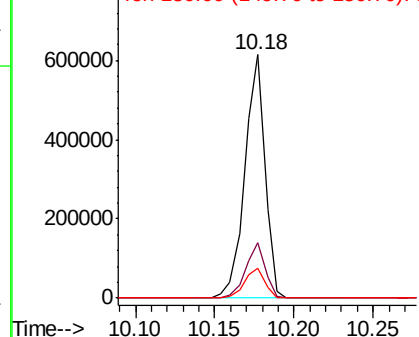


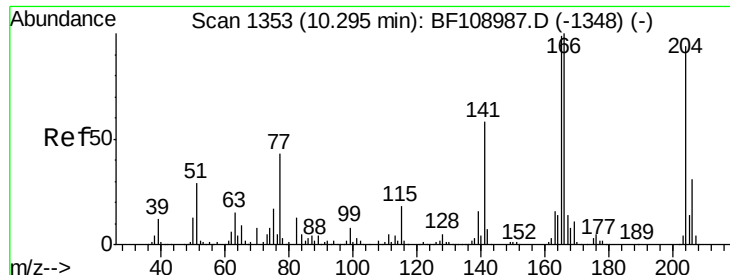
#59
 Diethylphthalate
 Concen: 38.295 ng
 RT: 10.18 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF109176.D
 Acq: 20 Sep 2018 5:59

Tgt Ion:	149	Resp:	540058
Ion	Ratio	Lower	Upper
149	100		
177	22.6	16.1	24.1
150	12.2	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

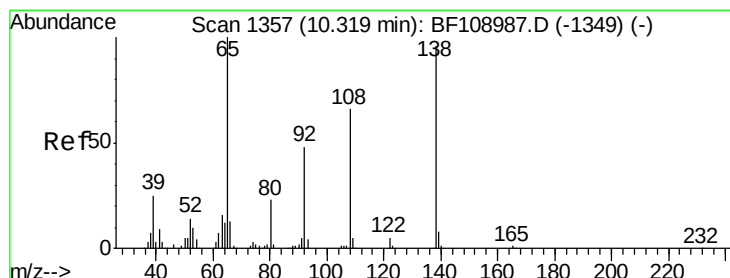
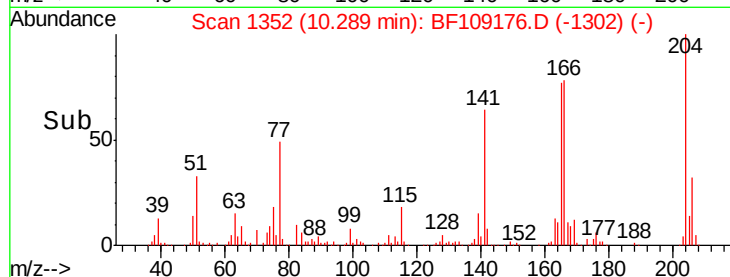
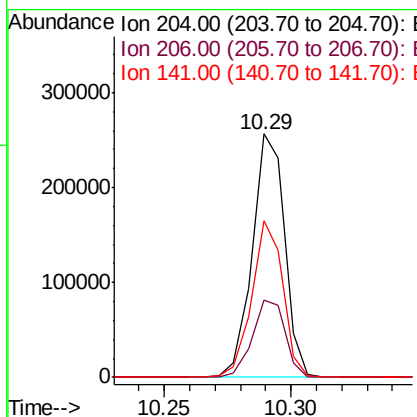
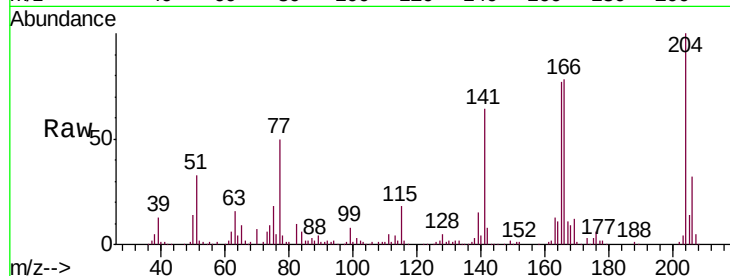




#60
 4-Chlorophenyl-phenylether
 Concen: 37.771 ng
 RT: 10.29 min Scan# 1352
 Delta R.T. -0.01 min
 Lab File: BF109176.D
 Acq: 20 Sep 2018 5:59

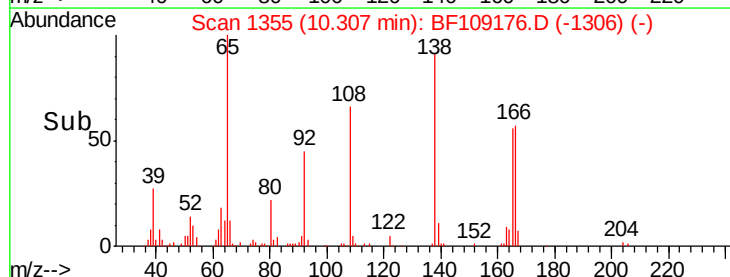
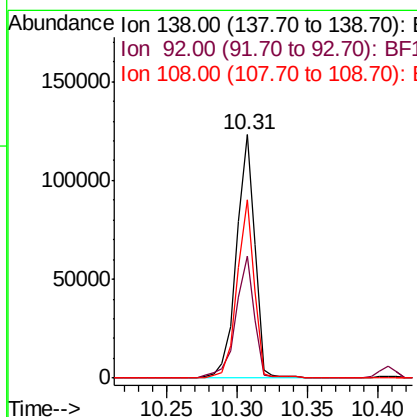
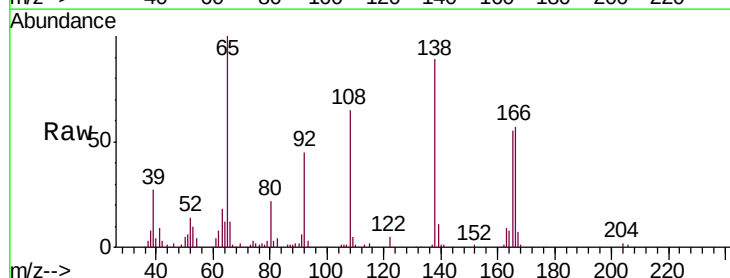
Instrument :
 BNA_F
 ClientSampleId :
 PB112999BS

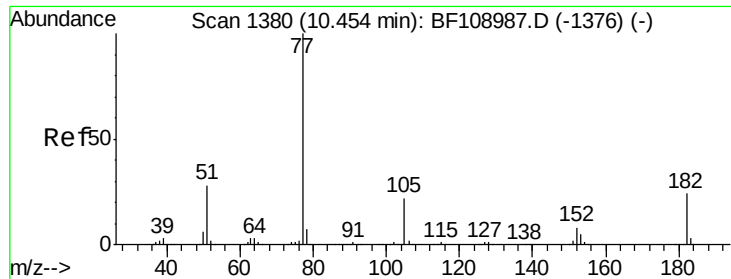
Tgt Ion:	204	Resp:	228926
Ion	Ratio	Lower	Upper
204	100		
206	31.6	26.5	39.7
141	64.3	54.6	81.8



#61
 4-Nitroaniline
 Concen: 31.934 ng
 RT: 10.31 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: BF109176.D
 Acq: 20 Sep 2018 5:59

Tgt Ion:	138	Resp:	110644
Ion	Ratio	Lower	Upper
138	100		
92	50.1	30.2	70.2
108	73.0	52.5	92.5

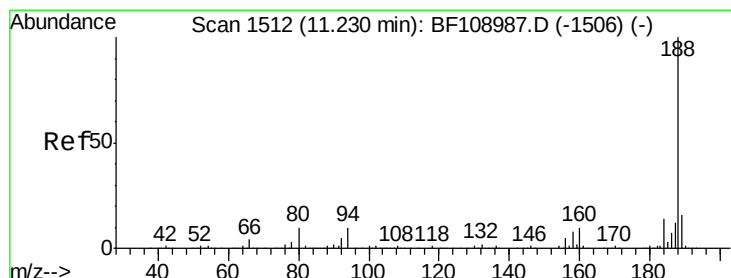
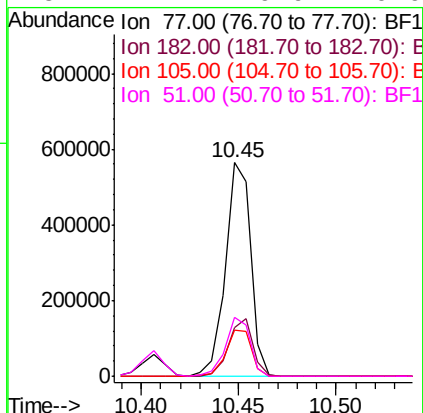
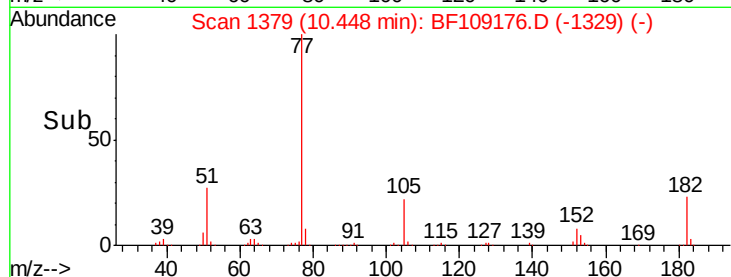
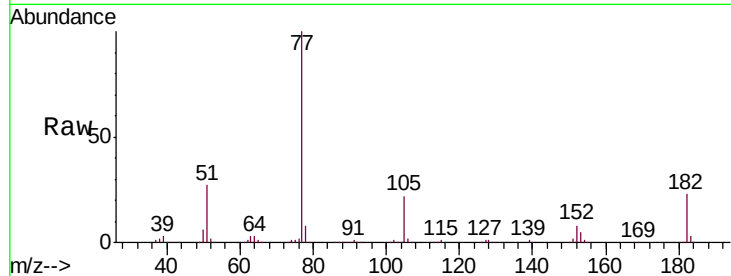




#62
Azobenzene
Concen: 35.042 ng
RT: 10.45 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

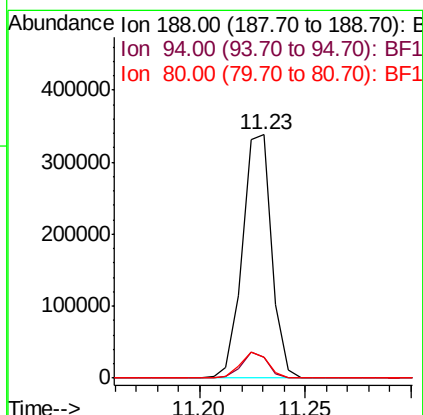
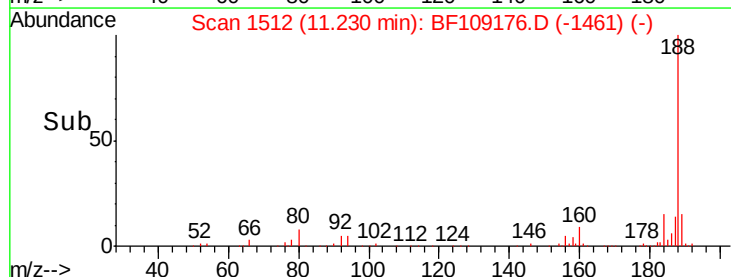
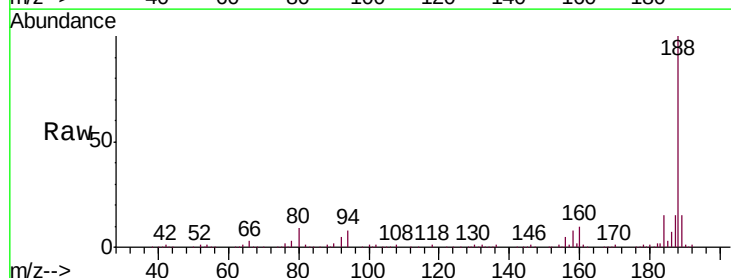
Instrument :
BNA_F
ClientSampleId :
PB112999BS

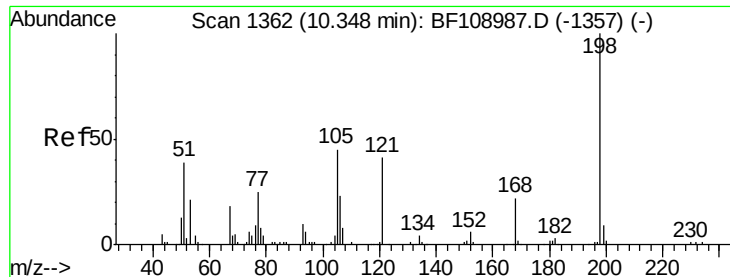
Tgt Ion:	77	Resp:	505857
Ion	Ratio	Lower	Upper
77	100		
182	22.6	1.7	41.7
105	21.7	3.0	43.0
51	27.4	9.9	49.9



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Tgt Ion:	188	Resp:	323344
Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.5	12.7
80	8.8	9.2	13.8

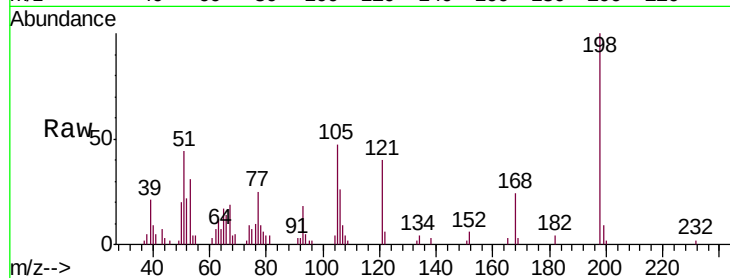




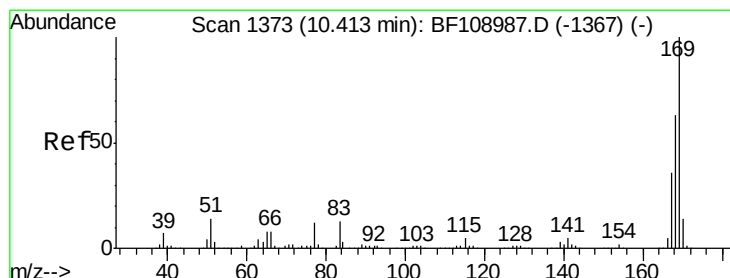
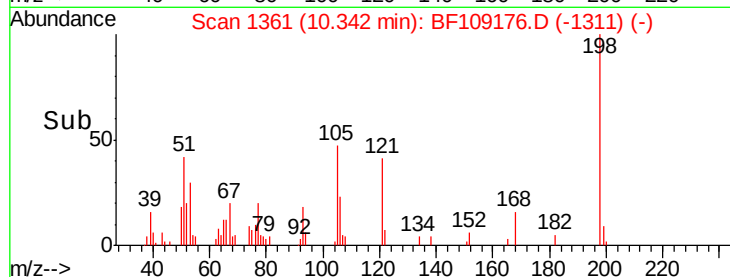
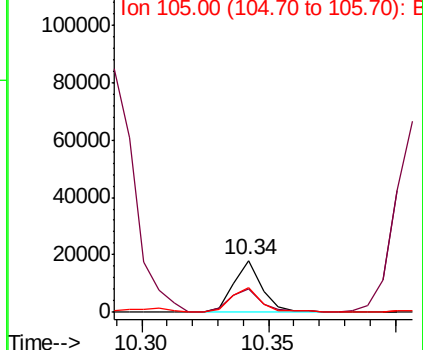
#64
4,6-Dinitro-2-methylphenol
Concen: 9.126 ng
RT: 10.34 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Instrument :
BNA_F
ClientSampleId :
PB112999BS

Tgt Ion:198 Resp: 14118
Ion Ratio Lower Upper
198 100
51 44.4 37.7 77.7
105 46.9 36.3 76.3

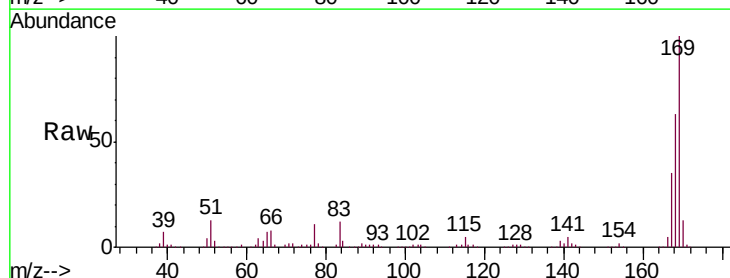


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

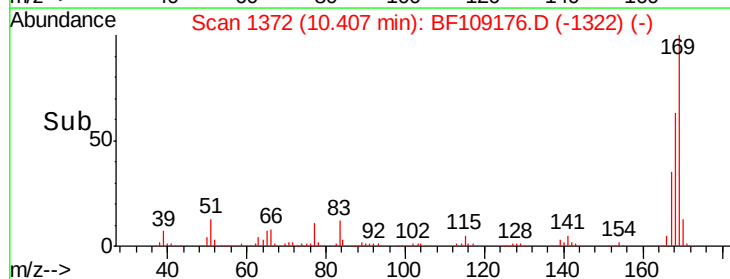
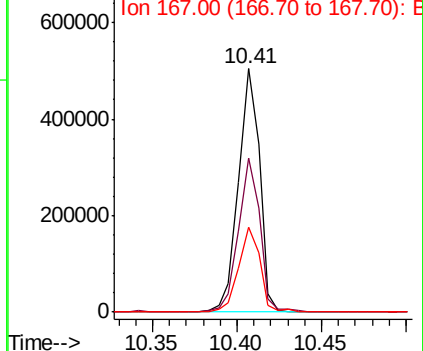


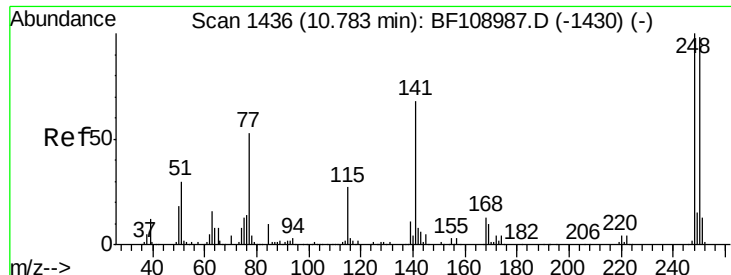
#65
n-Nitrosodiphenylamine
Concen: 41.366 ng
RT: 10.41 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Tgt Ion:169 Resp: 437518
Ion Ratio Lower Upper
169 100
168 63.5 54.4 81.6
167 34.7 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

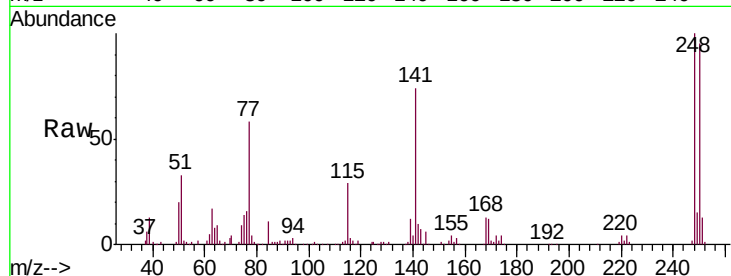




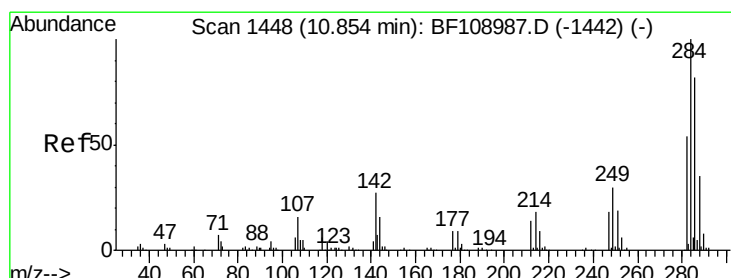
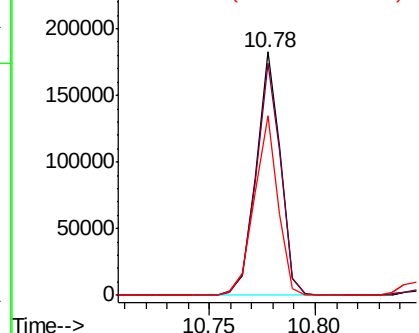
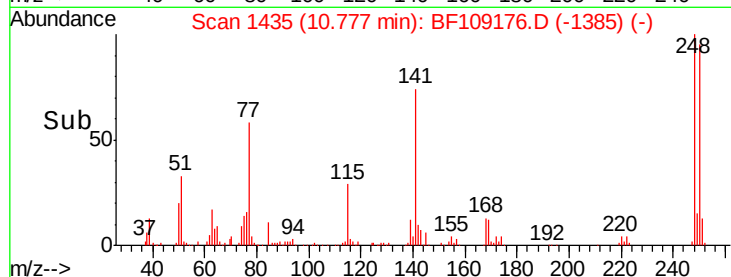
#66
 4-Bromophenyl-phenylether
 Concen: 40.031 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109176.D
 Acq: 20 Sep 2018 5:59

Instrument :
 BNA_F
 ClientSampleId :
 PB112999BS

Tgt Ion: 248 Resp: 145925
 Ion Ratio Lower Upper
 248 100
 250 95.4 76.9 115.3
 141 73.9 74.4 111.6#

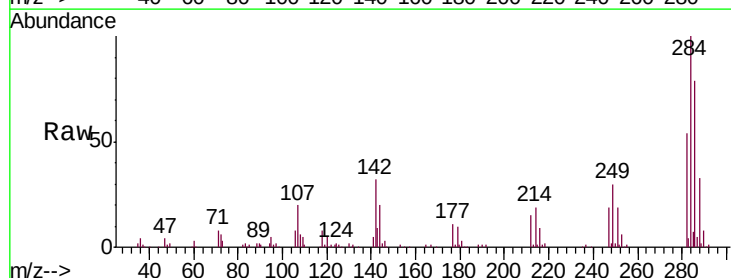


Abundance Ion 248.00 (247.70 to 248.70): E
 250000 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

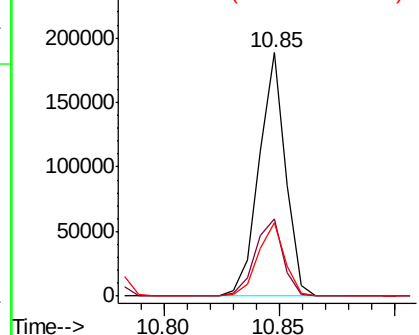
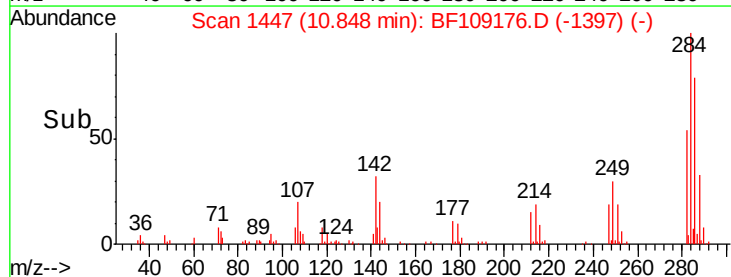


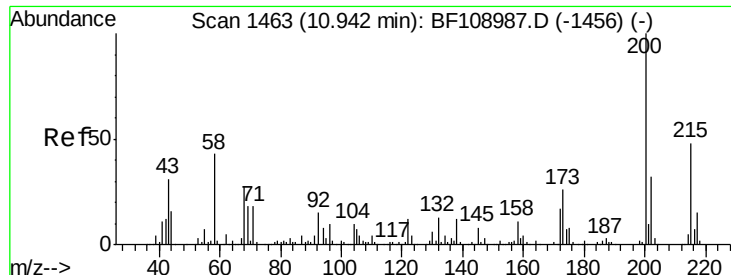
#67
 Hexachlorobenzene
 Concen: 38.814 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF109176.D
 Acq: 20 Sep 2018 5:59

Tgt Ion: 284 Resp: 151339
 Ion Ratio Lower Upper
 284 100
 142 31.9 34.6 52.0#
 249 30.0 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E
 250000 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

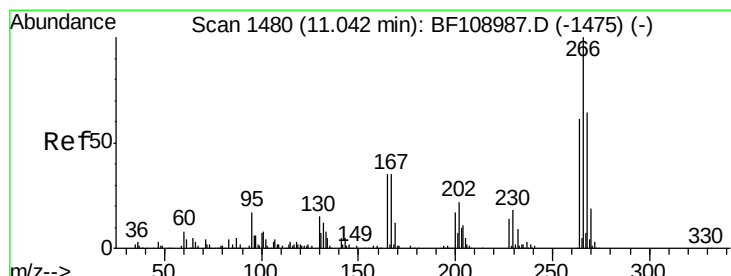
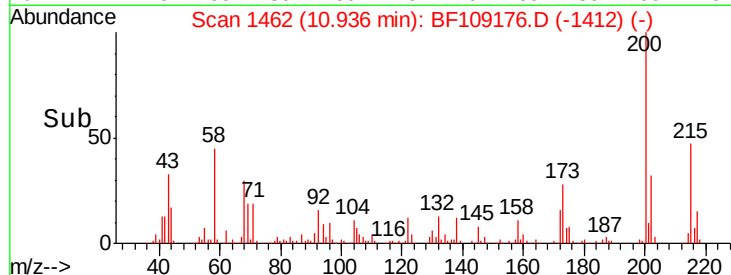
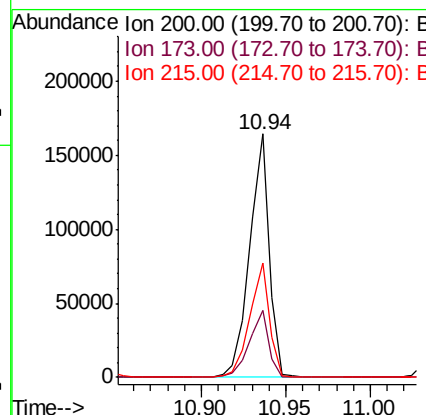
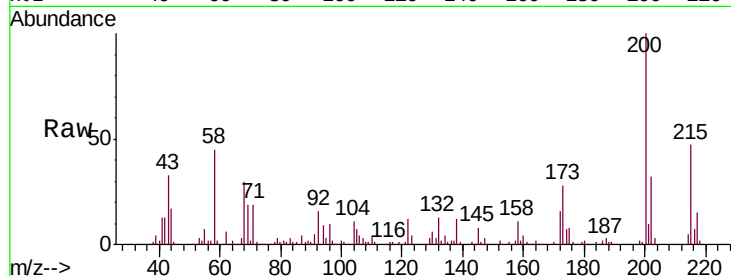




#68
 Atrazine
 Concen: 39.599 ng
 RT: 10.94 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF109176.D
 Acq: 20 Sep 2018 5:59

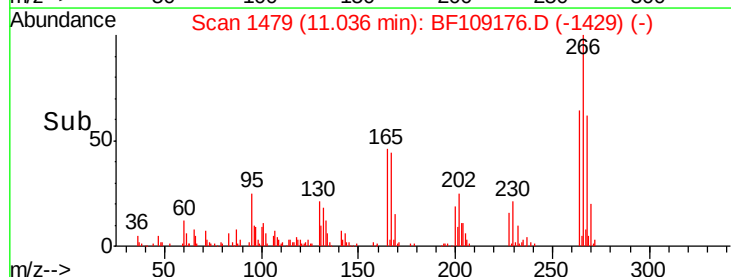
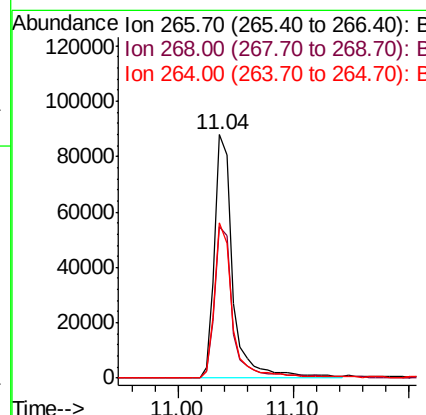
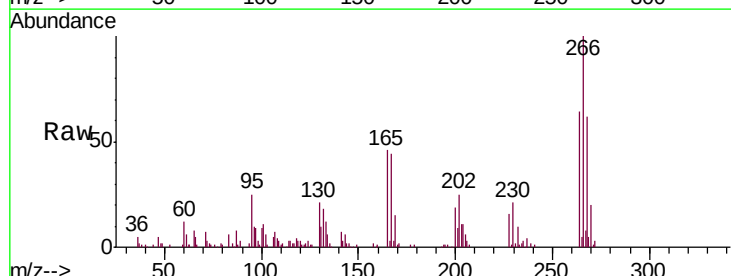
Instrument :
 BNA_F
 ClientSampleId :
 PB112999BS

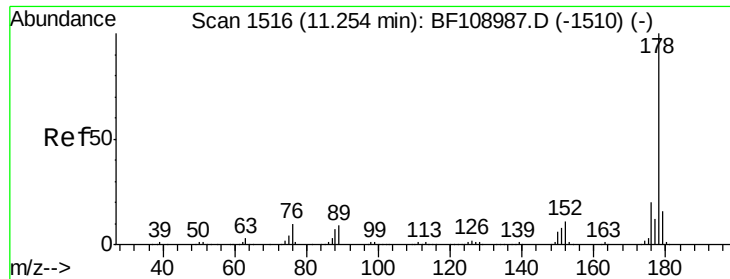
Tgt Ion:200 Resp: 134074
 Ion Ratio Lower Upper
 200 100
 173 27.7 8.6 48.6
 215 47.0 25.1 65.1



#69
 Pentachlorophenol
 Concen: 39.219 ng
 RT: 11.04 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF109176.D
 Acq: 20 Sep 2018 5:59

Tgt Ion:266 Resp: 97838
 Ion Ratio Lower Upper
 266 100
 268 62.5 51.1 76.7
 264 63.8 49.5 74.3

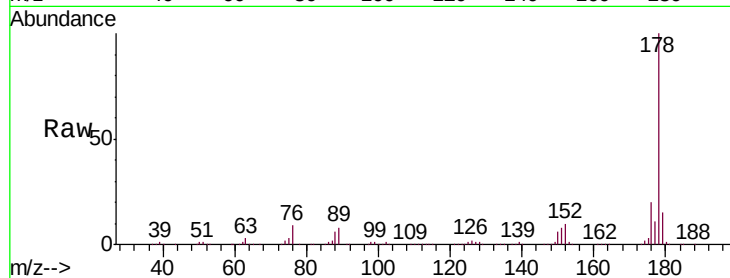




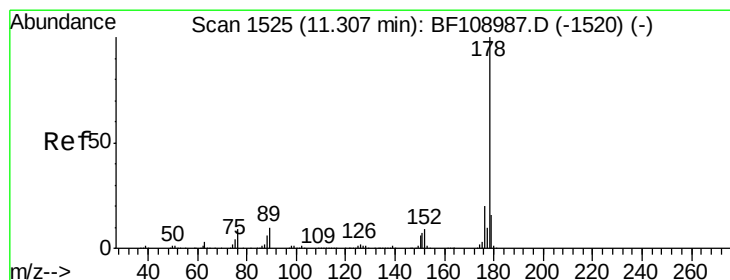
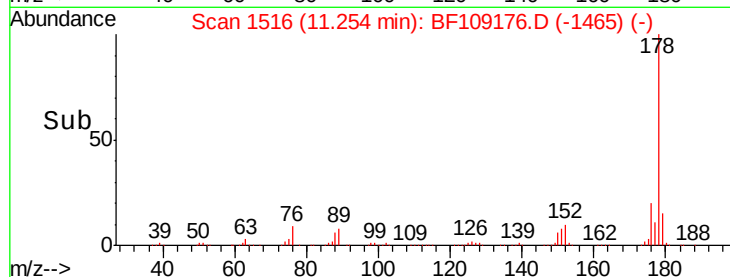
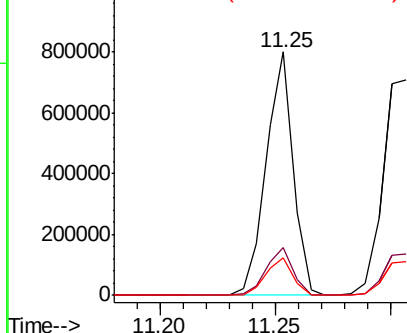
#70
Phenanthrene
Concen: 41.127 ng
RT: 11.25 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Instrument :
BNA_F
ClientSampleId :
PB112999BS

Tgt Ion:178 Resp: 651869
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.8
179 15.4 13.0 19.6

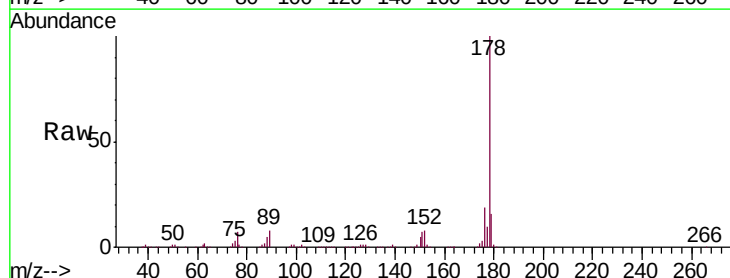


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

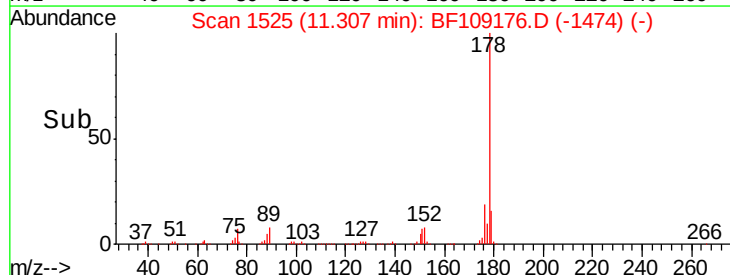
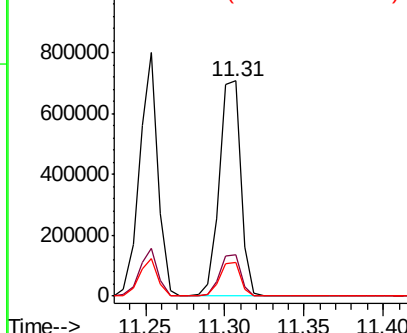


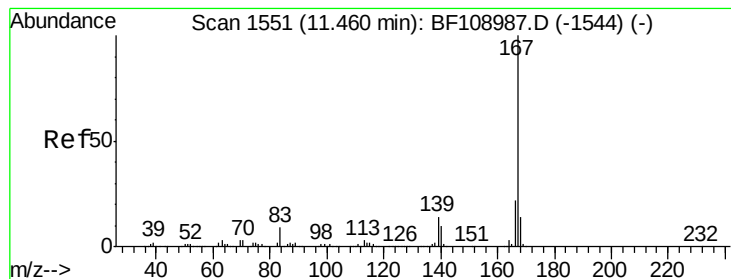
#71
Anthracene
Concen: 41.285 ng
RT: 11.31 min Scan# 1525
Delta R.T. -0.00 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Tgt Ion:178 Resp: 663340
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.6 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: 36.920 ng

RT: 11.45 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

Instrument :

BNA_F

ClientSampleId :

PB112999BS

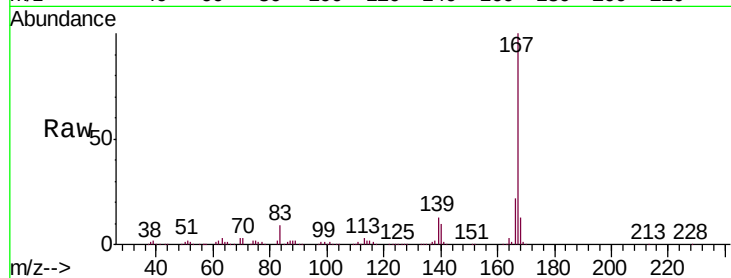
Tgt Ion:167 Resp: 587217

Ion Ratio Lower Upper

167 100

166 21.7 17.6 26.4

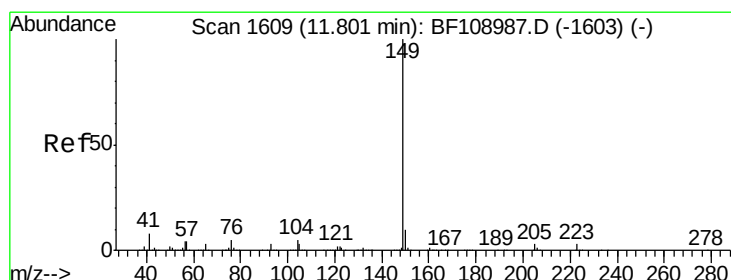
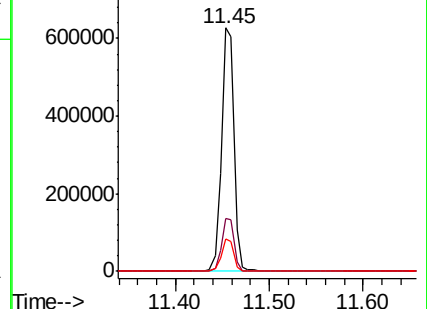
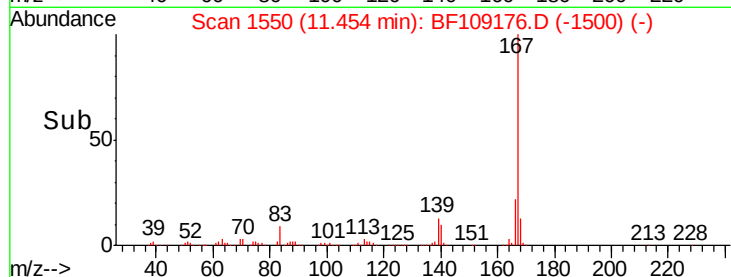
139 13.5 10.9 16.3



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: 40.181 ng

RT: 11.79 min Scan# 1608

Delta R.T. -0.01 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

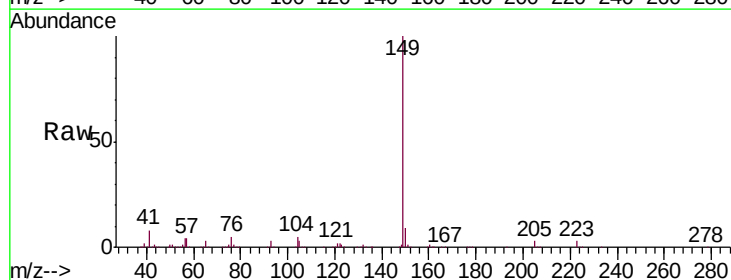
Tgt Ion:149 Resp: 748103

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

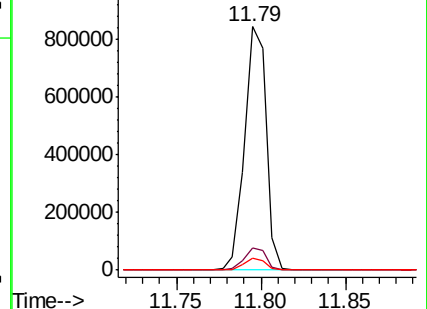
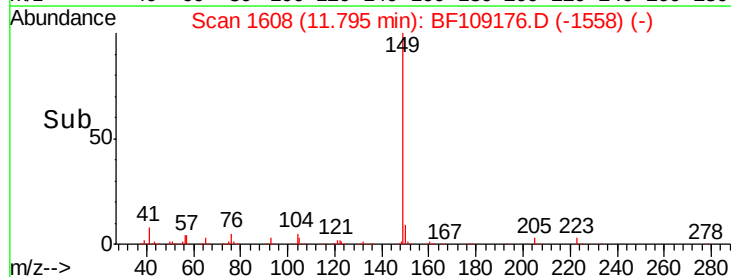
104 5.1 3.8 5.8

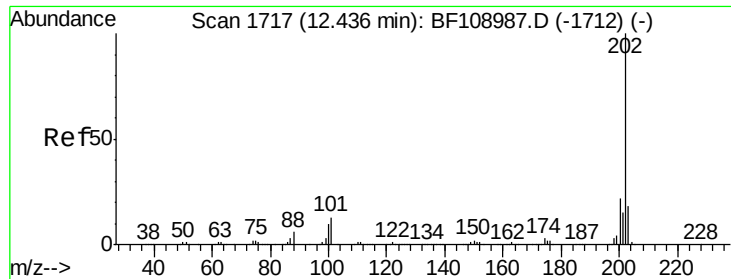


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 40.617 ng

RT: 12.44 min Scan# 1717

Delta R.T. -0.00 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

Instrument :

BNA_F

ClientSampleId :

PB112999BS

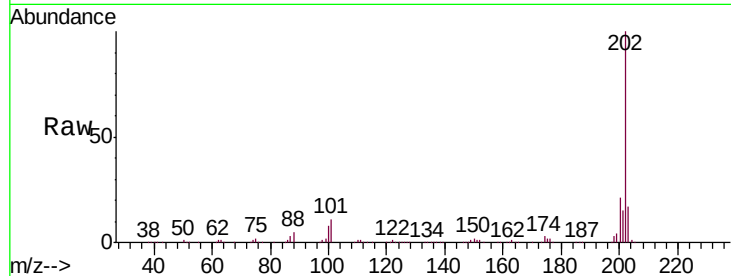
Tgt Ion: 202 Resp: 679662

Ion Ratio Lower Upper

202 100

101 10.7 0.0 34.1

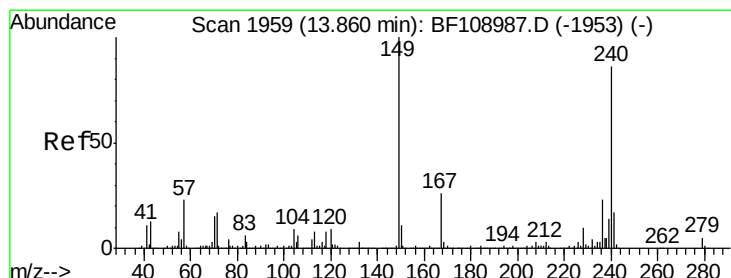
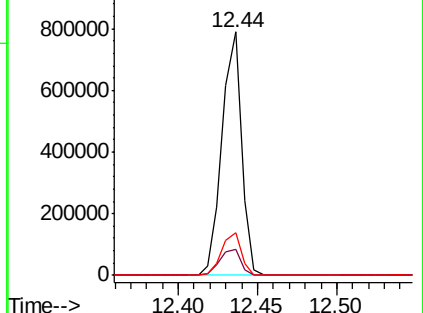
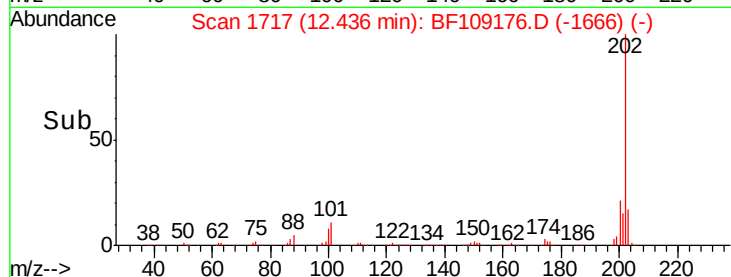
203 17.5 0.0 38.1



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: BF109176.D

Acq: 20 Sep 2018 5:59

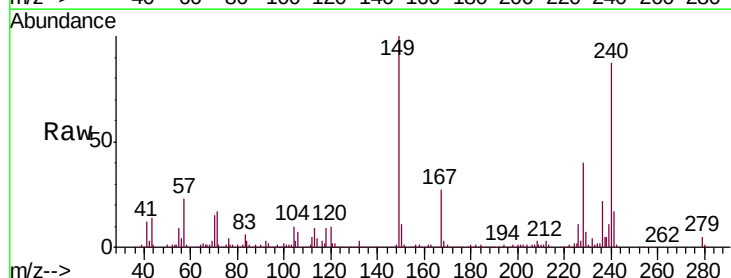
Tgt Ion: 240 Resp: 273698

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

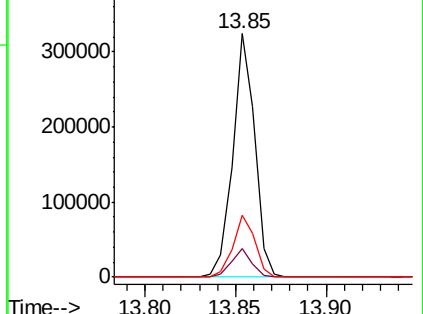
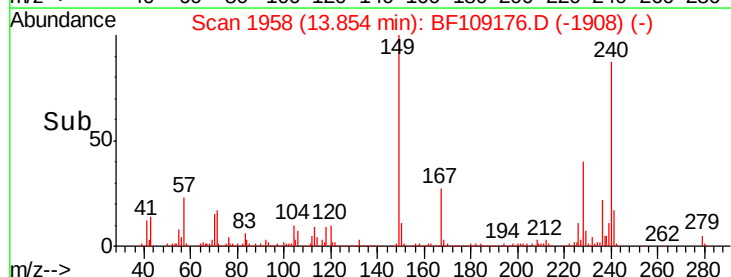
236 25.3 20.7 31.1

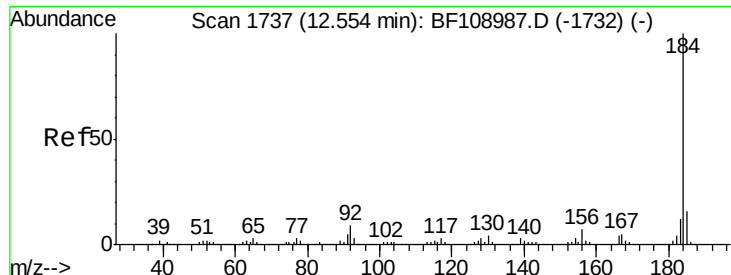


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

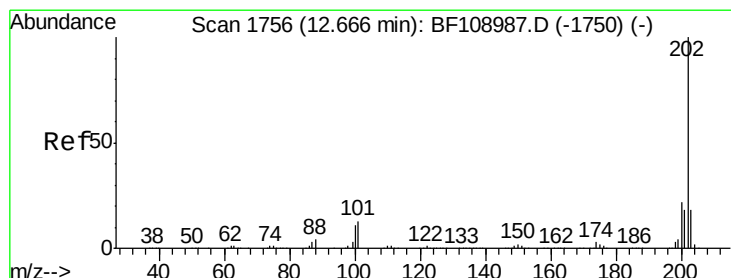
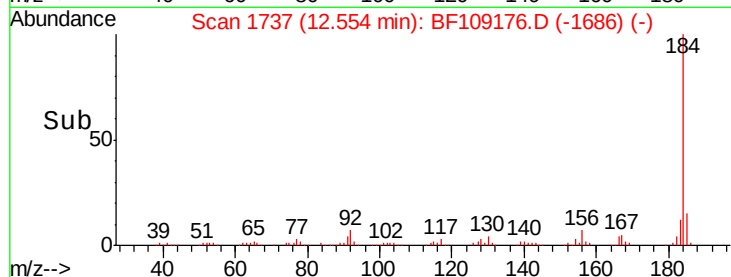
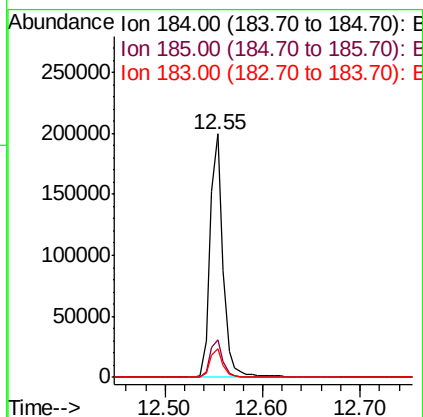
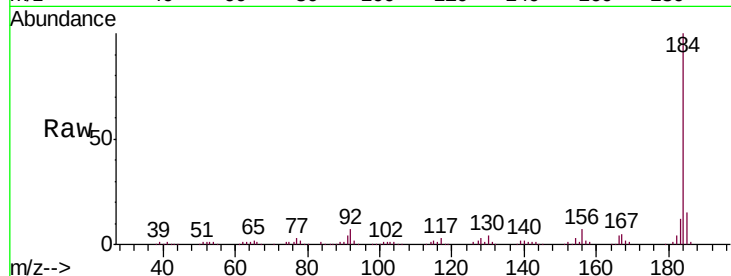




#76
Benzidine
Concen: 18.920 ng
RT: 12.55 min Scan# 1737
Delta R.T. 0.00 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

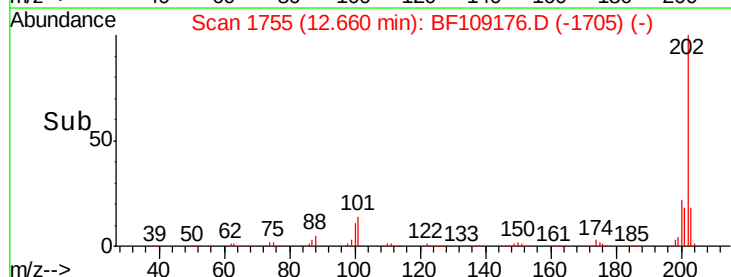
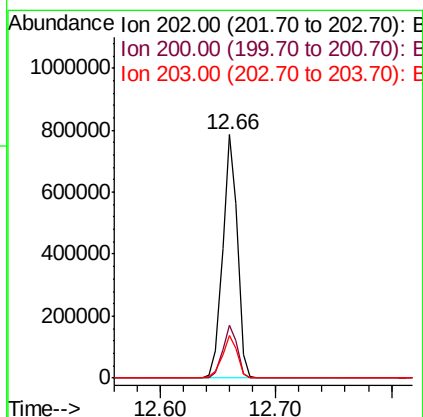
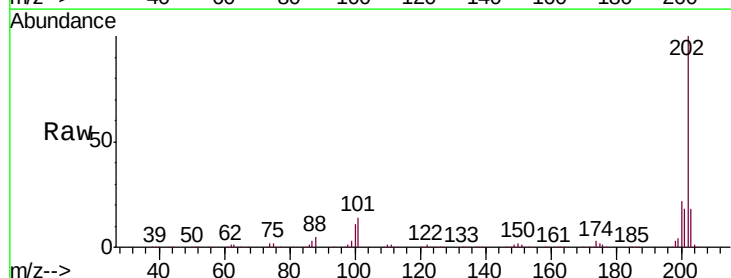
Instrument :
BNA_F
ClientSampleId :
PB112999BS

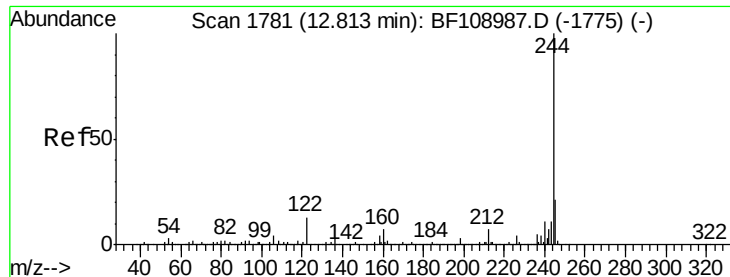
Tgt Ion:184 Resp: 183304
Ion Ratio Lower Upper
184 100
185 15.2 12.6 18.8
183 11.9 9.3 13.9



#77
Pyrene
Concen: 33.931 ng
RT: 12.66 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Tgt Ion:202 Resp: 689809
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 17.7 14.3 21.5





#78

Terphenyl-d14

Concen: 79.890 ng

RT: 12.81 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

Instrument :

BNA_F

ClientSampleId :

PB112999BS

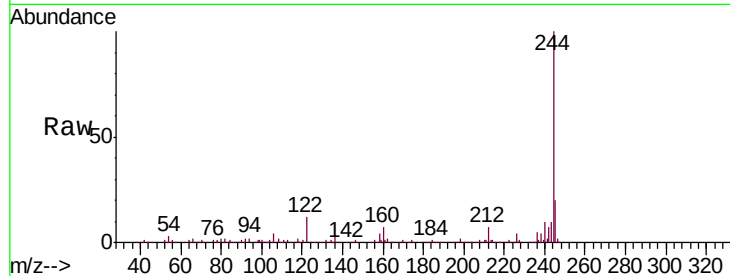
Tgt Ion:244 Resp: 922505

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

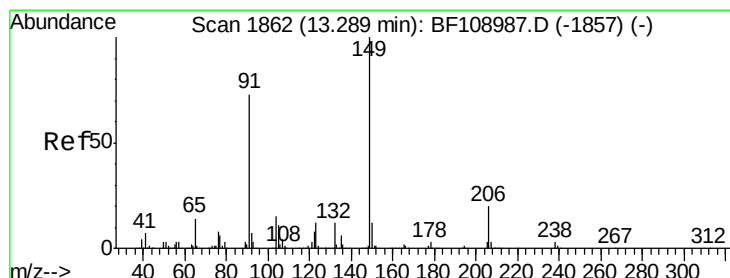
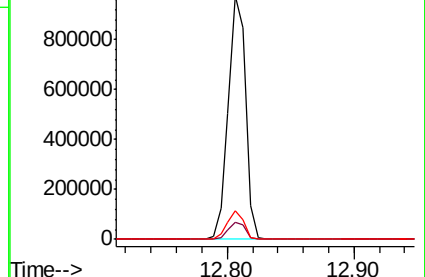
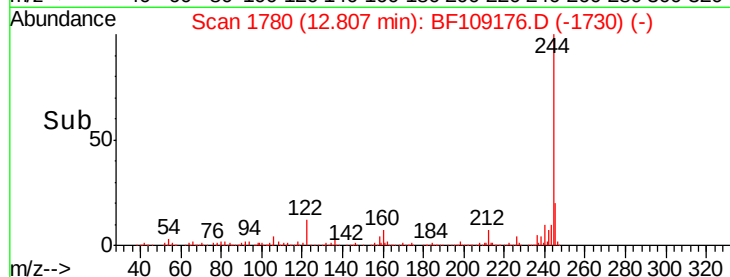
122 11.9 11.0 16.4



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: 34.235 ng

RT: 13.28 min Scan# 1861

Delta R.T. -0.01 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

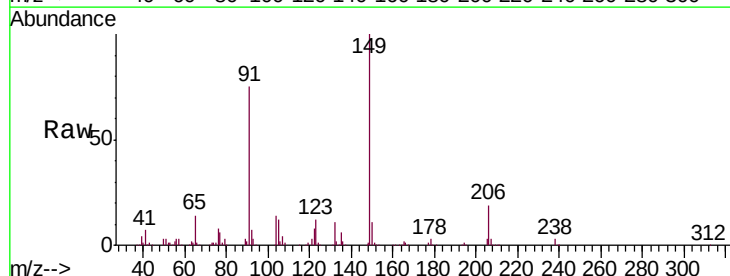
Tgt Ion:149 Resp: 310860

Ion Ratio Lower Upper

149 100

91 74.7 56.8 85.2

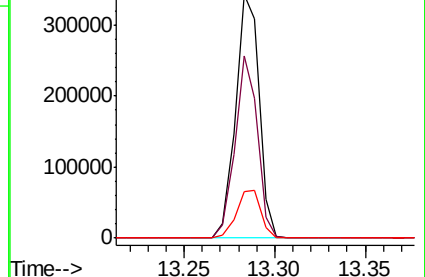
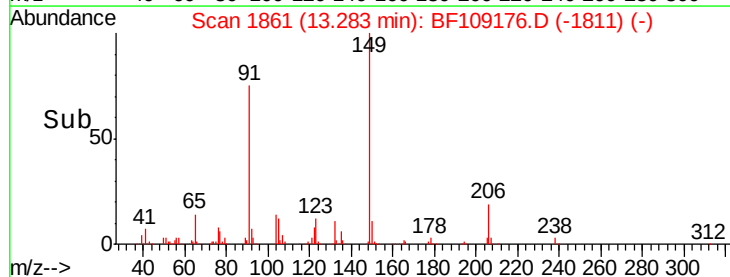
206 18.9 14.1 21.1

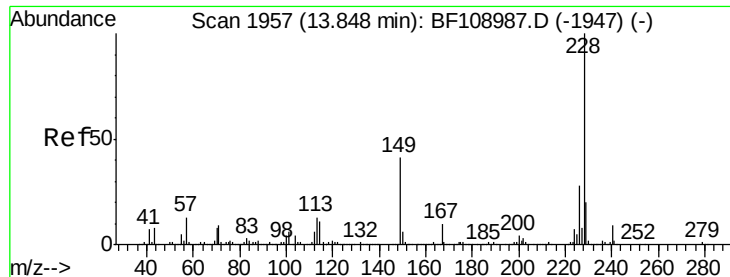


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 39.306 ng

RT: 13.84 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

Instrument :

BNA_F

ClientSampleId :

PB112999BS

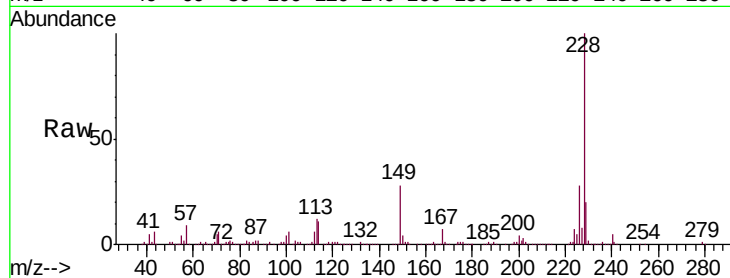
Tgt Ion:228 Resp: 651316

Ion Ratio Lower Upper

228 100

226 27.8 22.6 33.8

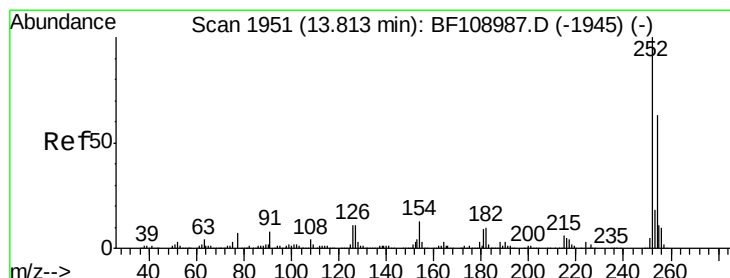
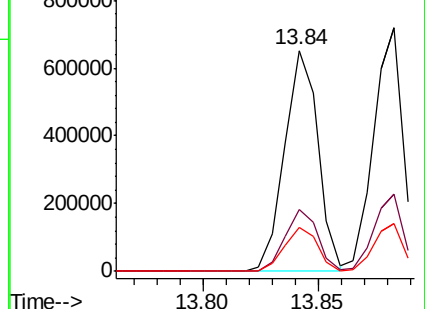
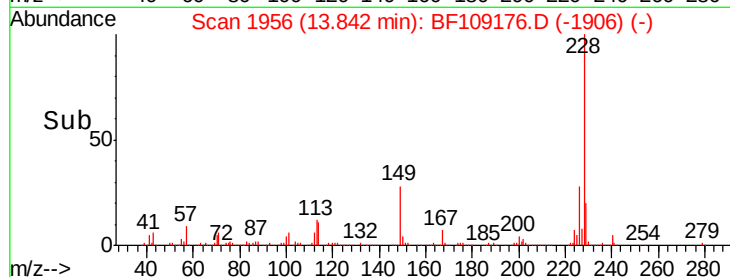
229 19.9 15.8 23.6



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



#81

3,3'-Dichlorobenzidine

Concen: 17.206 ng

RT: 13.81 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

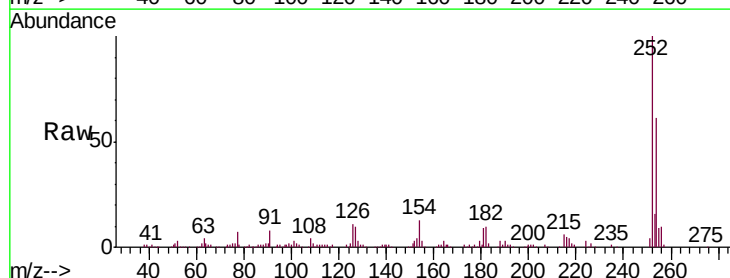
Tgt Ion:252 Resp: 115050

Ion Ratio Lower Upper

252 100

254 61.3 50.4 75.6

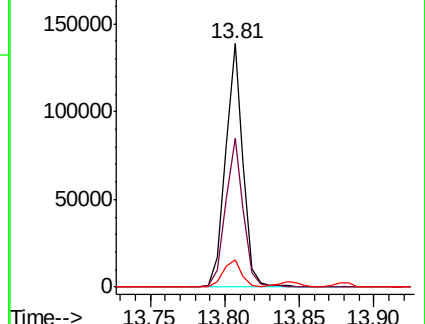
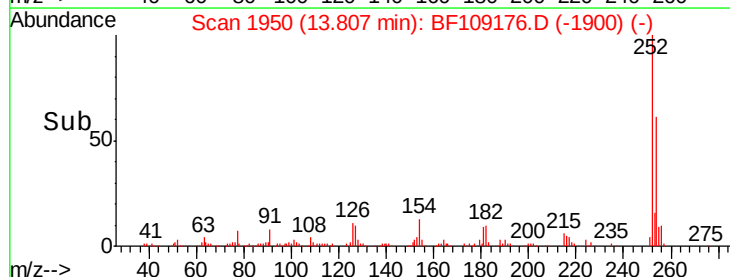
126 11.0 11.3 16.9#

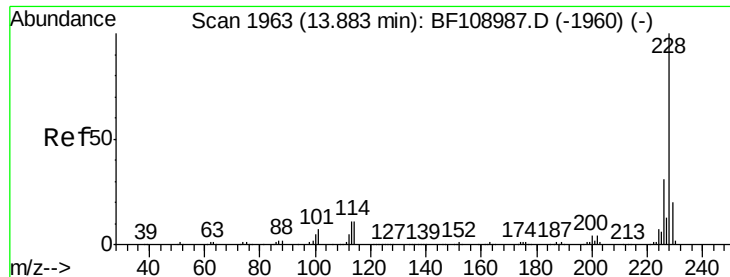


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 38.523 ng

RT: 13.88 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

Instrument :

BNA_F

ClientSampleId :

PB112999BS

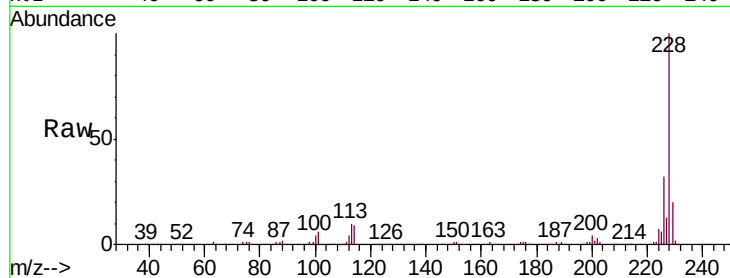
Tgt Ion:228 Resp: 638663

Ion Ratio Lower Upper

228 100

226 31.7 25.0 37.6

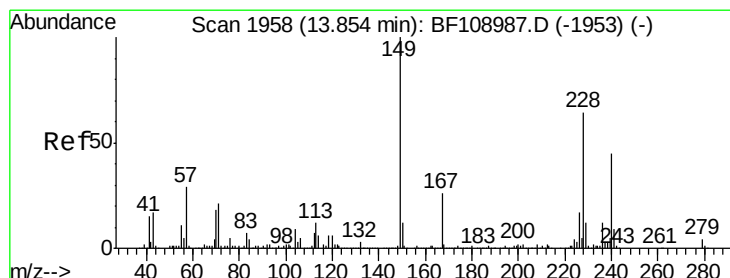
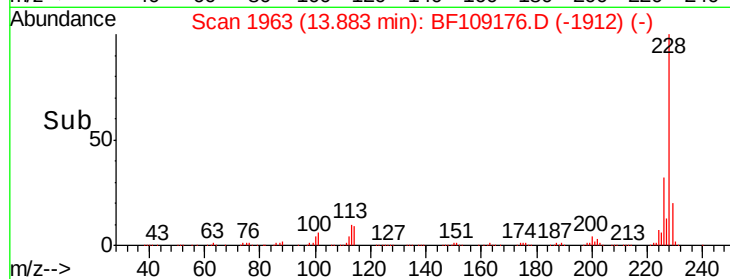
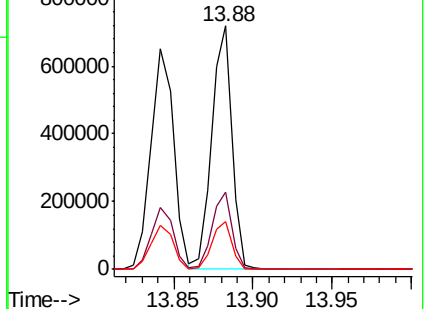
229 19.9 16.2 24.4



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: 36.778 ng

RT: 13.85 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

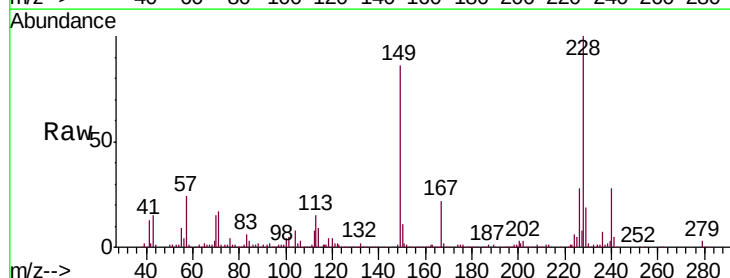
Tgt Ion:149 Resp: 404347

Ion Ratio Lower Upper

149 100

167 25.6 21.3 31.9

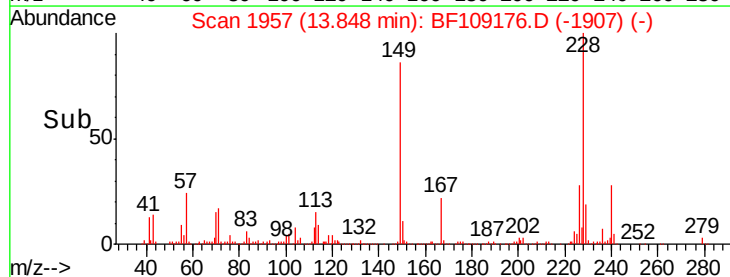
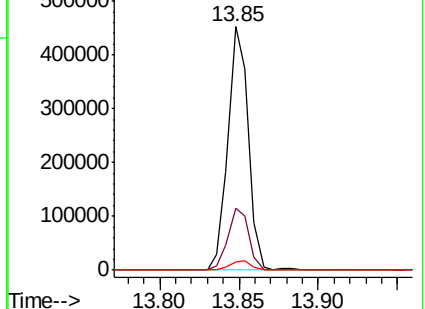
279 3.2 3.0 4.4

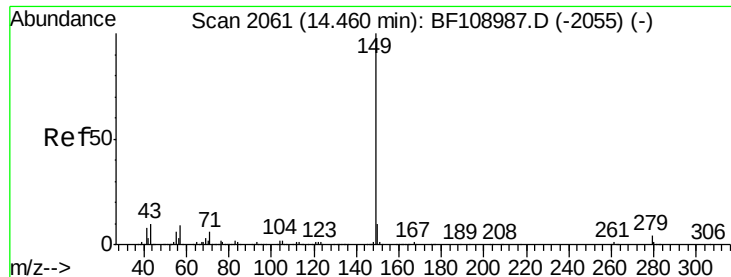


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 41.729 ng

RT: 14.45 min Scan# 2060

Delta R.T. -0.01 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

Instrument :

BNA_F

ClientSampleId :

PB112999BS

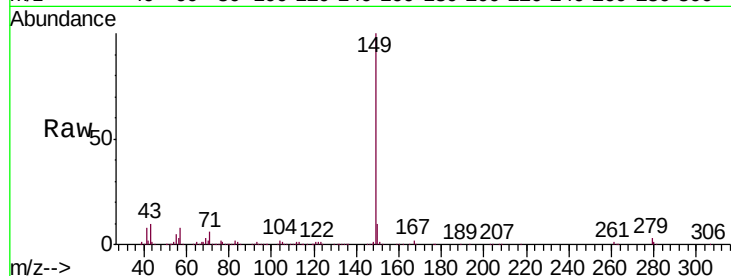
Tgt Ion:149 Resp: 778093

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

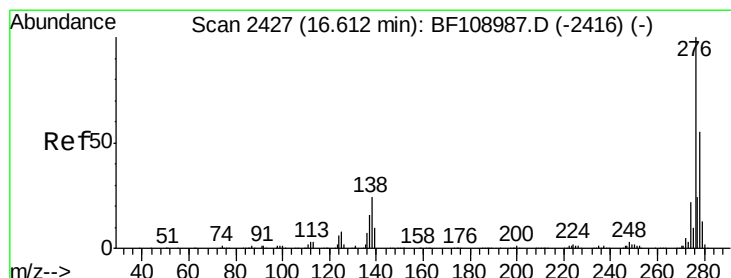
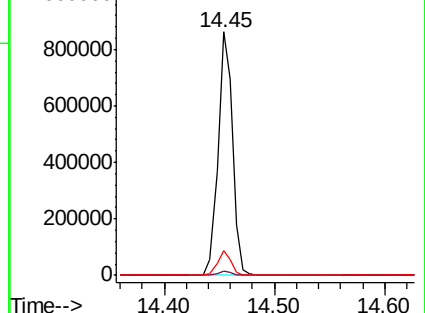
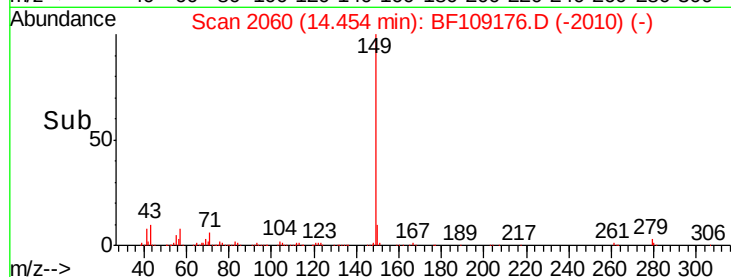
43 9.5 8.4 12.6



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: 37.379 ng

RT: 16.61 min Scan# 2426

Delta R.T. -0.01 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

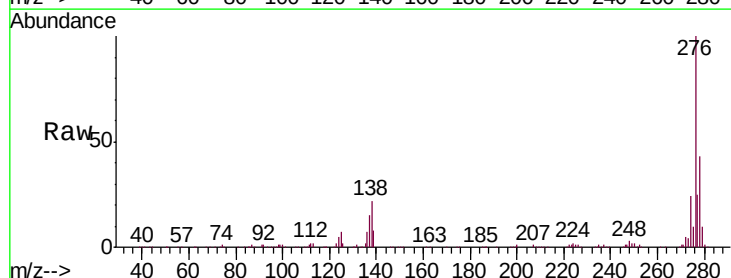
Tgt Ion:276 Resp: 495441

Ion Ratio Lower Upper

276 100

138 24.3 25.0 37.6#

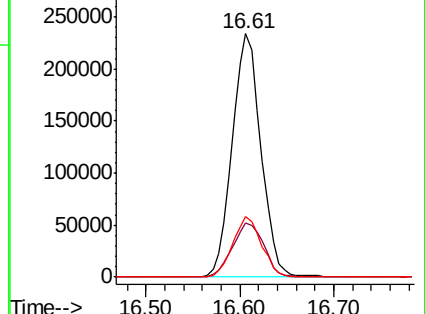
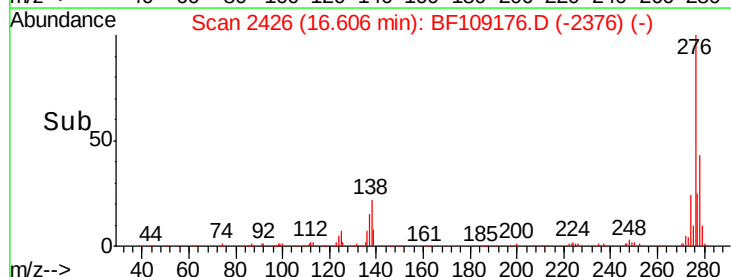
277 25.0 20.1 30.1

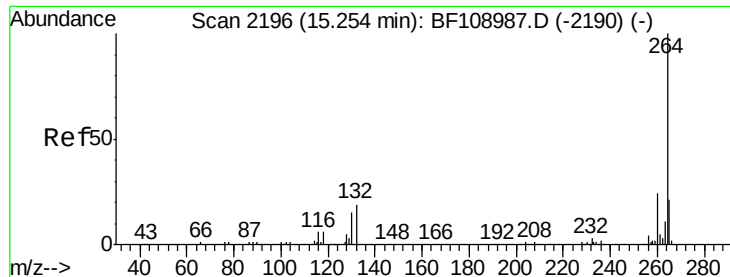


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

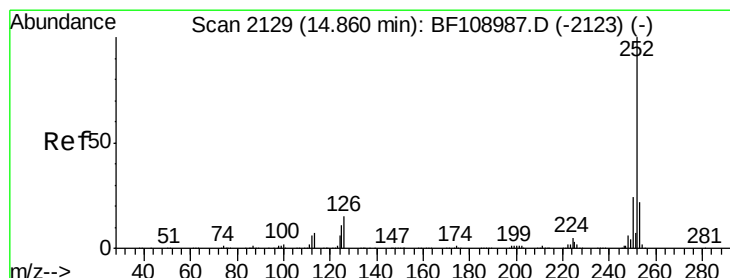
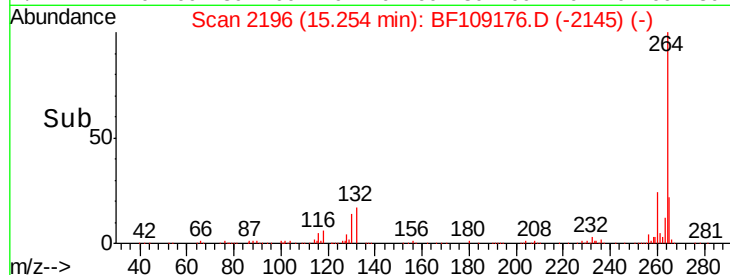
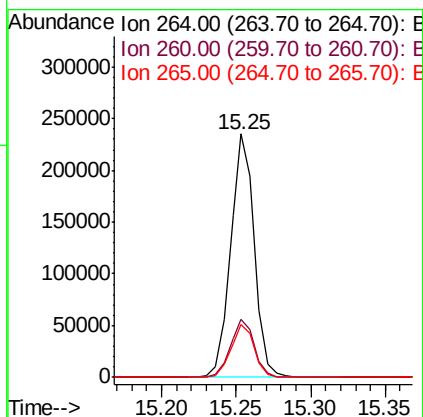
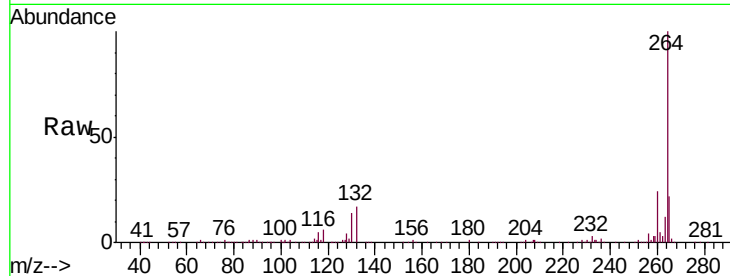




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

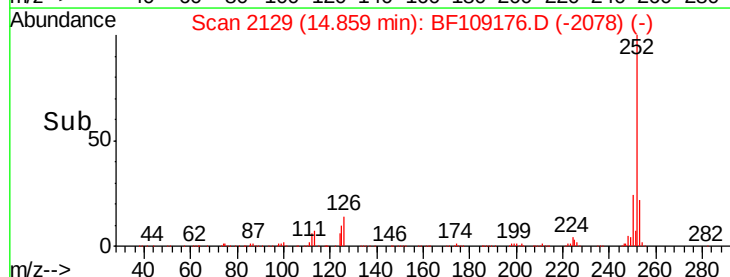
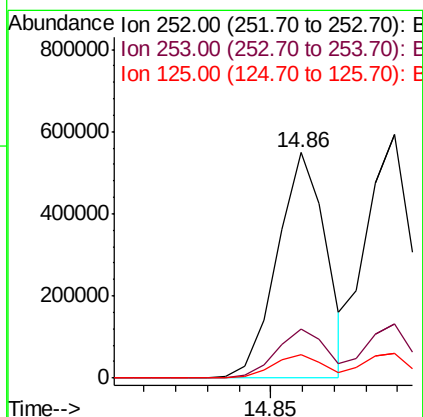
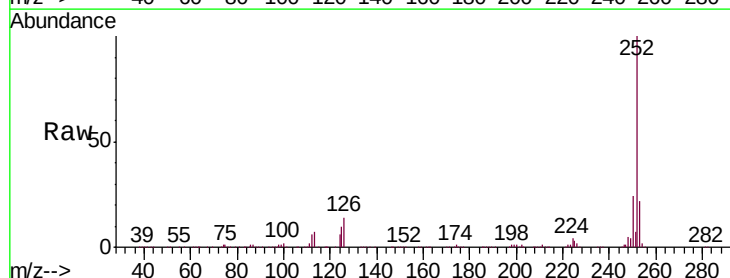
Instrument :
BNA_F
ClientSampleId :
PB112999BS

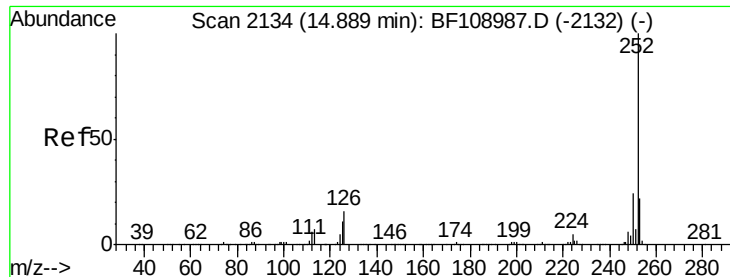
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.8	17.5	26.3



#87
Benzo(b)fluoranthene
Concen: 40.900 ng
RT: 14.86 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	10.4	9.0	13.6

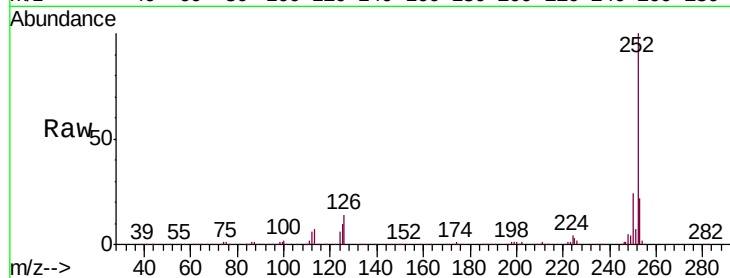




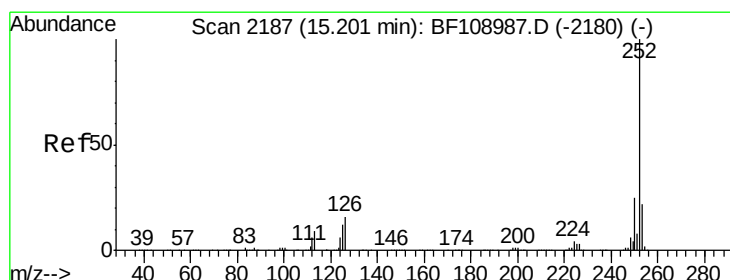
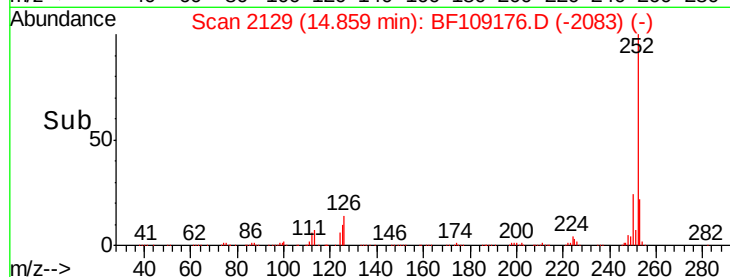
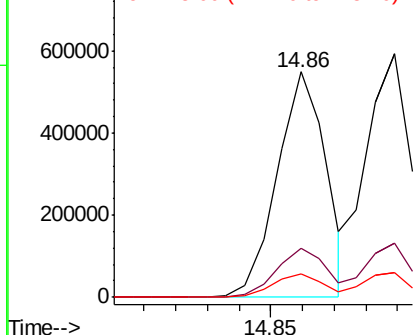
#88
Benzo(k)fluoranthene
Concen: 43.790 ng
RT: 14.86 min Scan# 2129
Delta R.T. -0.03 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Instrument :
BNA_F
ClientSampleId :
PB112999BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	10.4	10.2	15.2

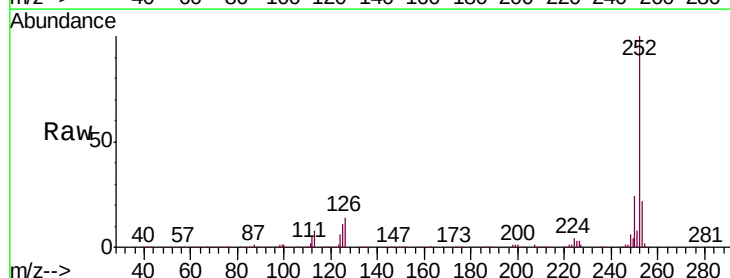


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

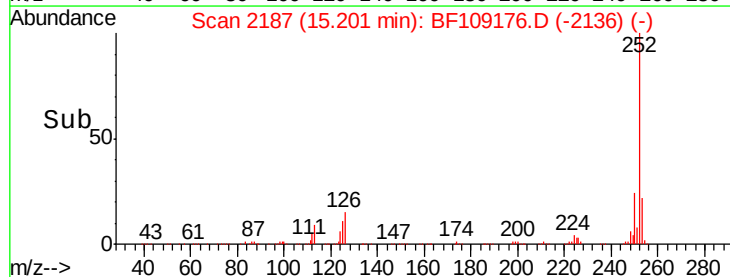
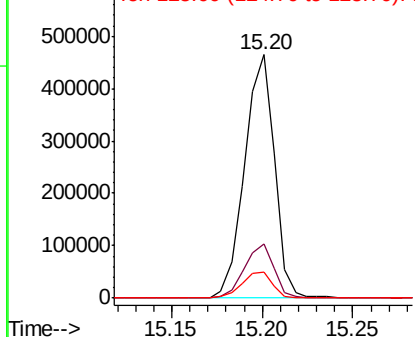


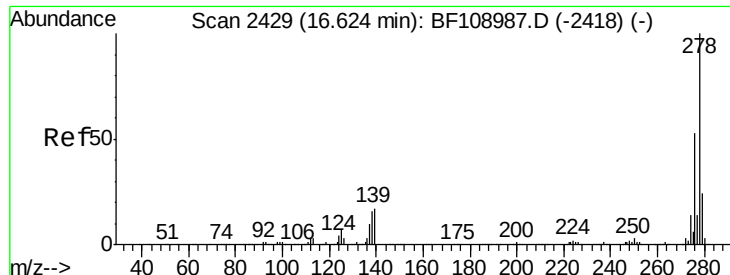
#89
Benzo(a)pyrene
Concen: 41.555 ng
RT: 15.20 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	10.8	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: 38.942 ng

RT: 16.62 min Scan# 2429

Delta R.T. -0.00 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

Instrument :

BNA_F

ClientSampleId :

PB112999BS

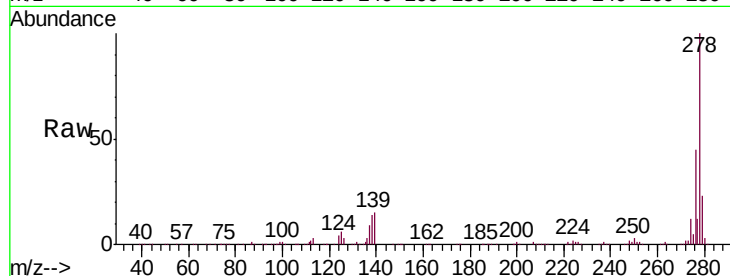
Tgt Ion:278 Resp: 419288

Ion Ratio Lower Upper

278 100

139 15.4 15.9 23.9#

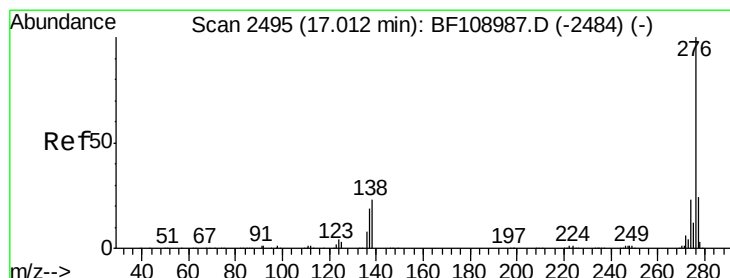
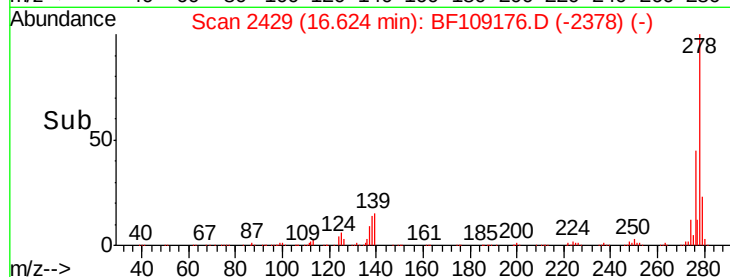
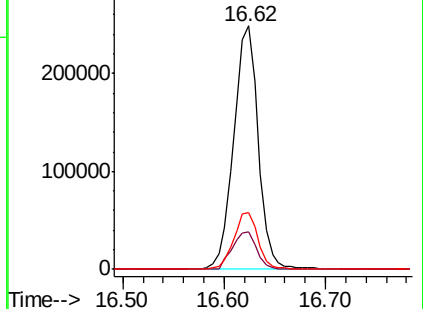
279 23.2 19.0 28.4



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: 37.180 ng

RT: 17.01 min Scan# 2495

Delta R.T. -0.00 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

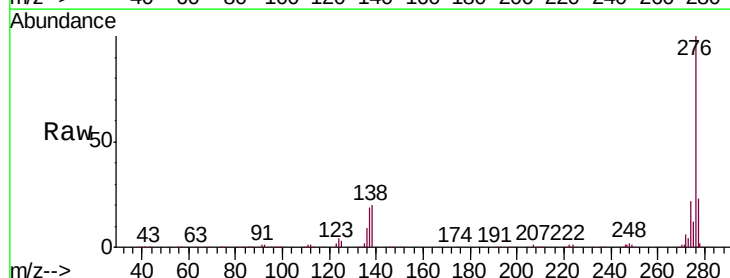
Tgt Ion:276 Resp: 400223

Ion Ratio Lower Upper

276 100

277 22.9 17.9 26.9

138 19.9 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

