

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
 Data File : BF109132.D
 Acq On : 19 Sep 2018 8:17
 Operator : JU/SJ
 Sample : PB112905BS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 19 11:40:40 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	123719	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	431815	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	178914	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	297824	20.00	ng	0.00
75) Chrysene-d12	13.86	240	278518	20.00	ng	0.00
86) Perylene-d12	15.26	264	264090	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	696537	93.51	ng	0.01
7) Phenol-d6	6.36	99	872863	90.87	ng	0.00
23) Nitrobenzene-d5	7.28	82	789609	102.56	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	180611	93.02	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1315435	115.19	ng	0.00
78) Terphenyl-d14	12.81	244	1177122	100.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	133615	37.682	ng	94
3) Pyridine	3.16	79	374543	39.846	ng	90
4) n-Nitrosodimethylamine	3.10	42	183623	51.725	ng	# 97
6) Aniline	6.38	93	328353	26.448	ng	96
8) 2-Chlorophenol	6.51	128	377673	45.306	ng	99
9) Benzaldehyde	6.27	77	126949	20.694	ng	98
10) Phenol	6.38	94	454542	42.058	ng	78
11) bis(2-Chloroethyl)ether	6.46	93	370905	43.623	ng	97
12) 1,3-Dichlorobenzene	6.67	146	418124	43.859	ng	99
13) 1,4-Dichlorobenzene	6.74	146	422014	44.126	ng	97
14) 1,2-Dichlorobenzene	6.90	146	385950	43.529	ng	98
15) Benzyl Alcohol	6.87	79	322968	44.291	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	520809	42.751	ng	94
17) 2-Methylphenol	6.98	107	301147	44.280	ng	96
18) Hexachloroethane	7.24	117	137951	39.715	ng	98
19) n-Nitroso-di-n-propylamine	7.14	70	266818	42.025	ng	97
20) 3+4-Methylphenols	7.14	107	358325	43.746	ng	# 73
22) Acetophenone	7.13	105	501783	51.169	ng	# 94
24) Nitrobenzene	7.31	77	398211	50.167	ng	98
25) Isophorone	7.54	82	707109	53.431	ng	97
26) 2-Nitrophenol	7.62	139	144528	38.994	ng	98
27) 2,4-Dimethylphenol	7.67	122	323933	55.716	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	449813	50.508	ng	100
29) 2,4-Dichlorophenol	7.87	162	287849	46.460	ng	97
30) 1,2,4-Trichlorobenzene	7.95	180	317499	47.408	ng	96
31) Naphthalene	8.02	128	1024586	51.121	ng	99
32) Benzoic acid	7.76	122	64412	16.955	ng	96
33) 4-Chloroaniline	8.07	127	158930	17.835	ng	98
34) Hexachlorobutadiene	8.15	225	191977	46.954	ng	99
36) 4-Chloro-3-methylphenol	8.56	107	287113	44.022	ng	98
37) 2-Methylnaphthalene	8.72	142	665902	50.969	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	301897	53.612	ng	98
40) Hexachlorocyclopentadiene	8.88	237	77075	27.166	ng	95
42) 2,4,6-Trichlorophenol	9.00	196	187362	49.502	ng	98

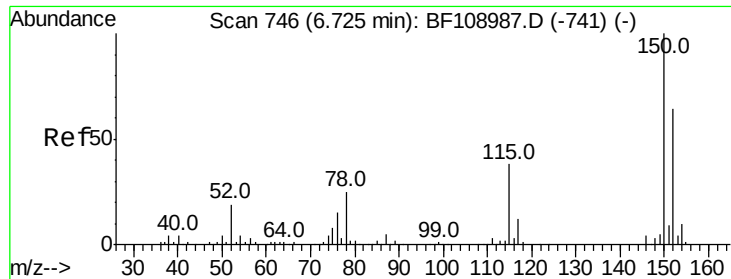
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
 Data File : BF109132.D
 Acq On : 19 Sep 2018 8:17
 Operator : JU/SJ
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 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
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 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)
43) 2,4,5-Trichlorophenol	9.04	196	192391	48.641	nq	96
45) 1,1'-Biphenyl	9.18	154	767048	53.588	nq	98
46) 2-Chloronaphthalene	9.20	162	583033	50.861	nq	99
47) 2-Nitroaniline	9.30	65	184310	52.300	nq	97
48) Acenaphthylene	9.62	152	919027	53.174	nq	99
49) Dimethylphthalate	9.48	163	691143	54.048	nq	99
50) 2,6-Dinitrotoluene	9.54	165	140844	49.665	nq	96
51) Acenaphthene	9.79	154	520743	48.386	nq	100
52) 3-Nitroaniline	9.70	138	136845	40.980	nq	94
53) 2,4-Dinitrophenol	9.81	184	9661	8.840	nq	# 18
54) Dibenzofuran	9.96	168	763871	49.116	nq	98
55) 4-Nitrophenol	9.87	139	192449	78.222	nq	92
56) 2,4-Dinitrotoluene	9.94	165	171121	46.140	nq	# 96
57) Fluorene	10.30	166	553594	53.414	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	150671	46.005	nq	89
59) Diethylphthalate	10.18	149	663506	51.382	nq	98
60) 4-Chlorophenyl-phenylether	10.30	204	270428	48.728	nq	94
61) 4-Nitroaniline	10.31	138	138992	43.811	nq	99
62) Azobenzene	10.45	77	619715	46.883	nq	94
64) 4,6-Dinitro-2-methylphenol	10.34	198	9804	6.880	nq	88
65) n-Nitrosodiphenylamine	10.41	169	532923	54.704	nq	96
66) 4-Bromophenyl-phenylether	10.78	248	176915	52.691	nq	93
67) Hexachlorobenzene	10.85	284	181119	50.431	nq	93
68) Atrazine	10.94	200	170735	54.748	nq	99
69) Pentachlorophenol	11.04	266	162719	70.817	nq	99
70) Phenanthrene	11.25	178	783099	53.639	nq	99
71) Anthracene	11.31	178	814944	55.066	nq	99
72) Carbazole	11.46	167	730110	49.837	nq	99
73) Di-n-butylphthalate	11.80	149	910435	53.090	nq	99
74) Fluoranthene	12.44	202	872309	56.597	nq	98
76) Benzidine	12.56	184	366530	37.177	nq	97
77) Pyrene	12.67	202	900435	43.525	nq	99
79) Butylbenzylphthalate	13.29	149	405895	43.927	nq	98
80) Benzo(a)anthracene	13.85	228	866209	51.369	nq	99
81) 3,3'-Dichlorobenzidine	13.81	252	278013	40.857	nq	96
82) Chrysene	13.88	228	846658	50.185	nq	100
83) Bis(2-ethylhexyl)phthalate	13.85	149	520434	46.517	nq	100
84) Di-n-octyl phthalate	14.46	149	1029566	54.260	nq	98
85) Indeno(1,2,3-cd)pyrene	16.61	276	623195	46.204	nq	94
87) Benzo(b)fluoranthene	14.87	252	806133	55.177	nq	97
88) Benzo(k)fluoranthene	14.89	252	779191	57.101	nq	98
89) Benzo(a)pyrene	15.21	252	713401	54.984	nq	98
90) Dibenzo(a,h)anthracene	16.63	278	523631	48.037	nq	96
91) Benzo(g,h,i)perylene	17.02	276	500614	45.936	nq	# 92

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

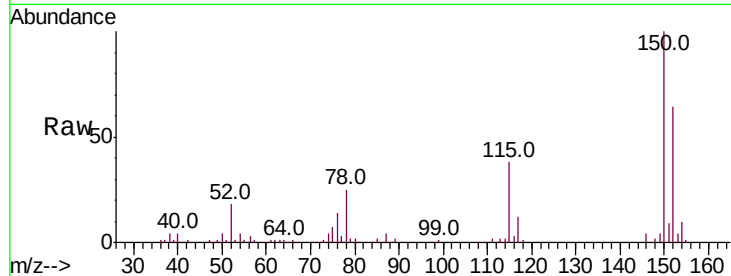


#1

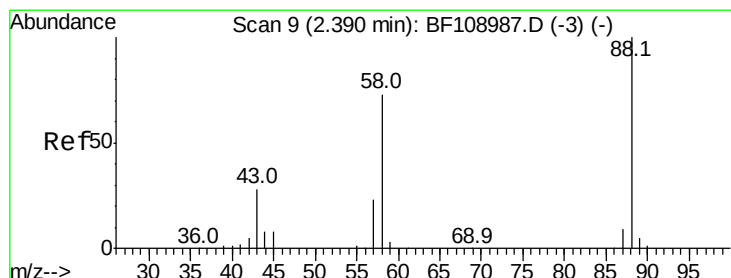
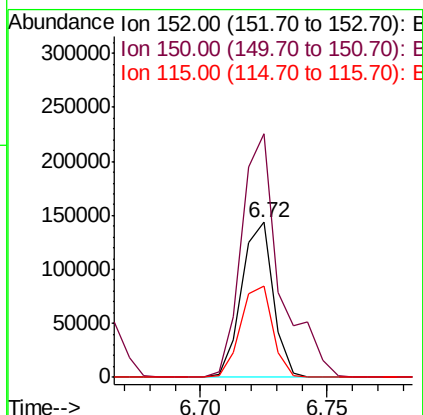
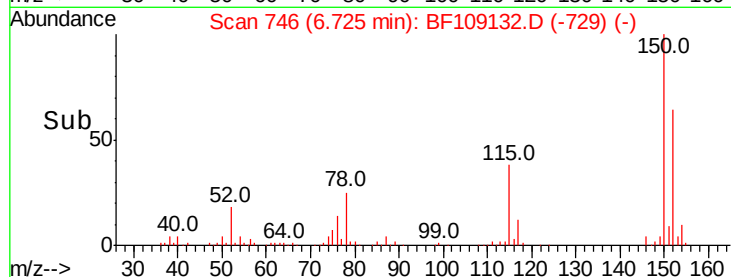
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.6	186.8
115	59.0	50.1	75.1



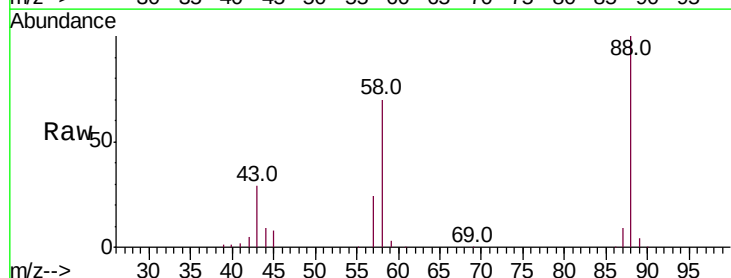
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



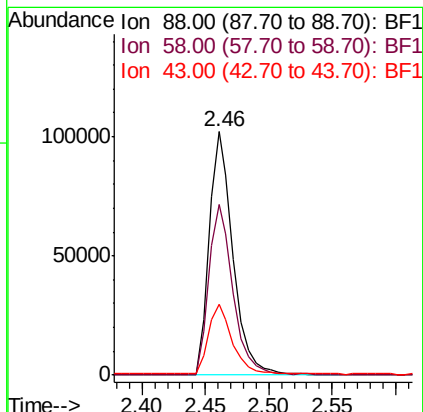
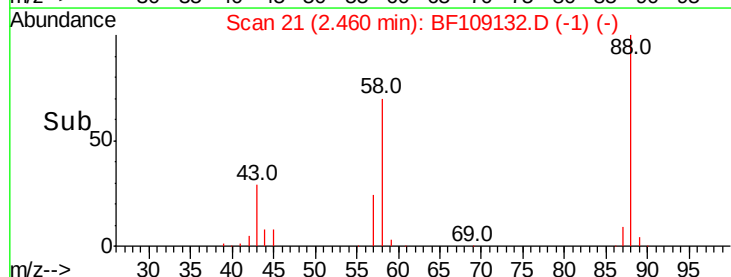
#2

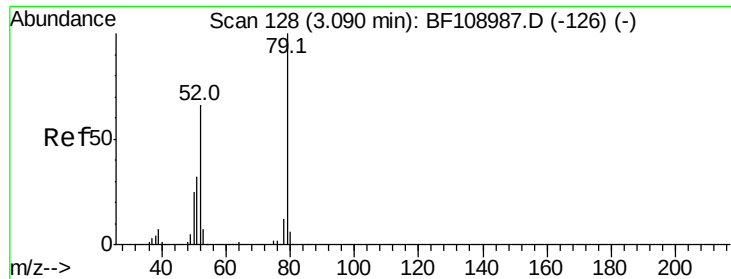
1,4-Dioxane
Concen: 37.682 ng
RT: 2.46 min Scan# 21
Delta R.T. 0.07 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.6	62.6	93.8
43	28.8	24.6	37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1



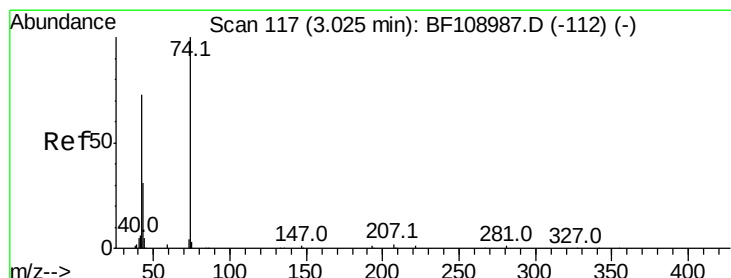
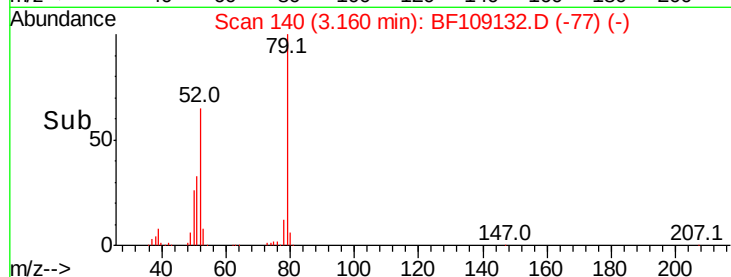
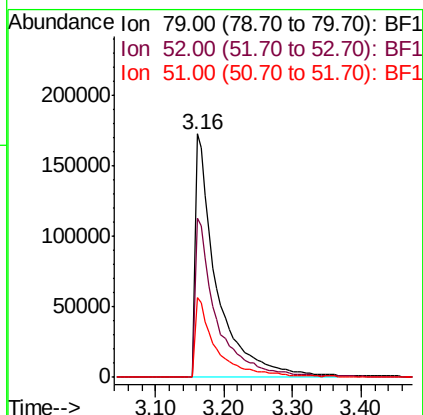
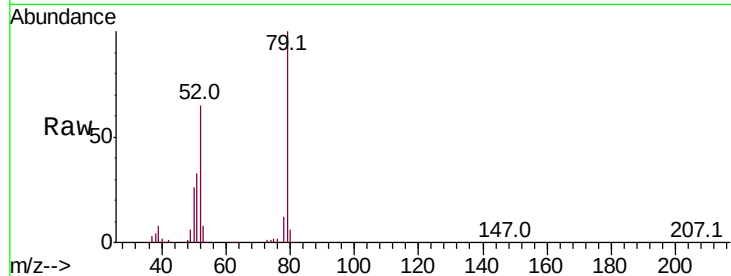


#3
 Pvridine
 Concen: 39.846 ng
 RT: 3.16 min Scan# 140
 Delta R.T. 0.07 min
 Lab File: BF109132.D
 Acq: 19 Sep 2018 8:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 374543

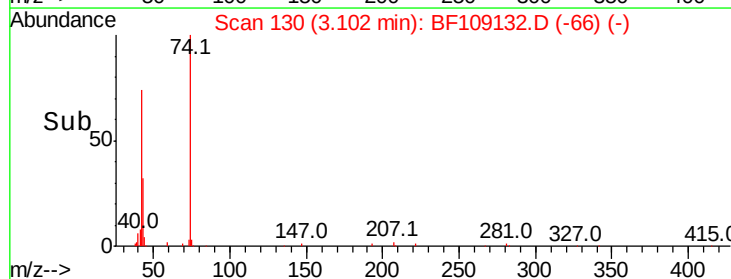
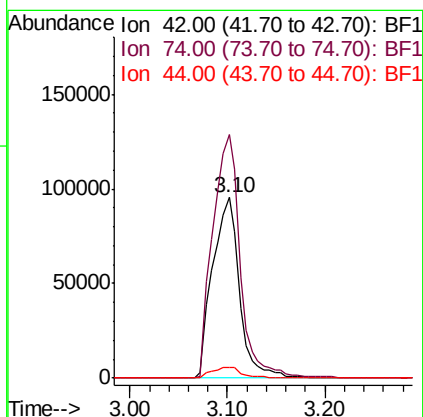
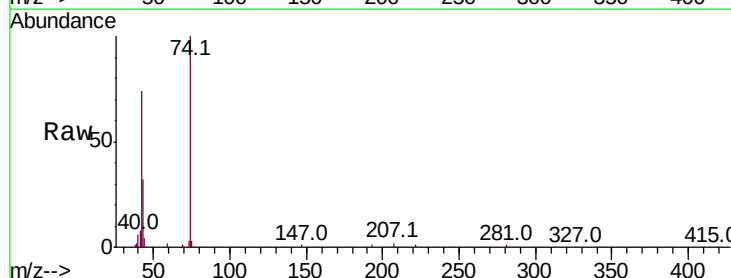
Ion	Ratio	Lower	Upper
79	100		
52	65.5	59.8	89.6
51	33.0	29.8	44.8

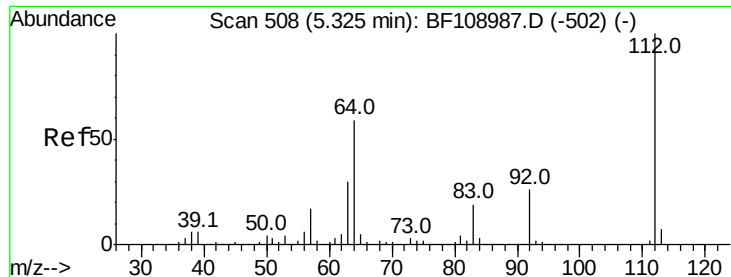


#4
 n-Nitrosodimethylamine
 Concen: 51.725 ng
 RT: 3.10 min Scan# 130
 Delta R.T. 0.08 min
 Lab File: BF109132.D
 Acq: 19 Sep 2018 8:17

Tgt Ion: 42 Resp: 183623

Ion	Ratio	Lower	Upper
42	100		
74	134.8	104.9	157.3
44	6.0	6.9	10.3





#5

2-Fluorophenol

Concen: 93.508 ng

RT: 5.34 min Scan# 510

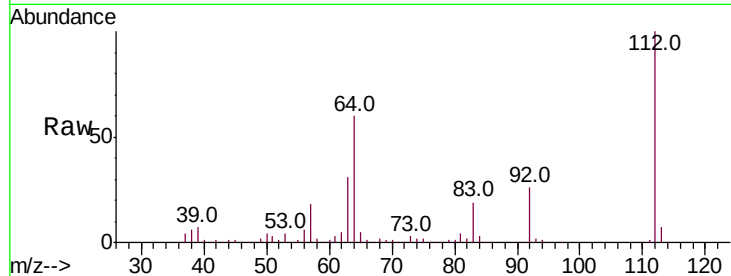
Delta R.T. 0.01 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

Instrument :
BNA_F
ClientSampled :

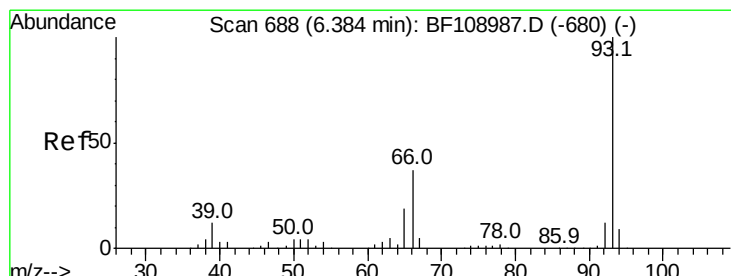
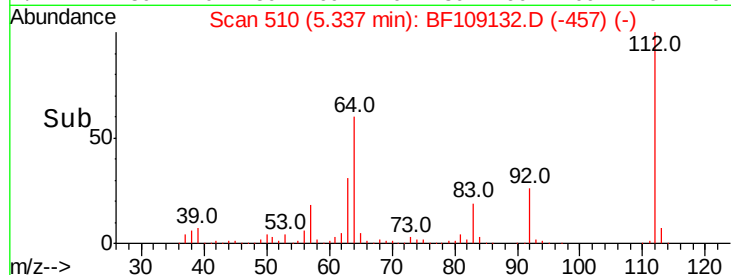
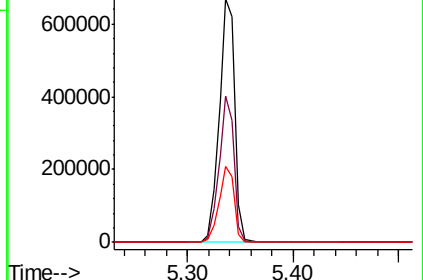
Tot Ion:	112	Resp:	696537
Ion Ratio	Lower	Upper	
112	100		
64	60.0	47.9	71.9
63	31.1	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 26.448 ng

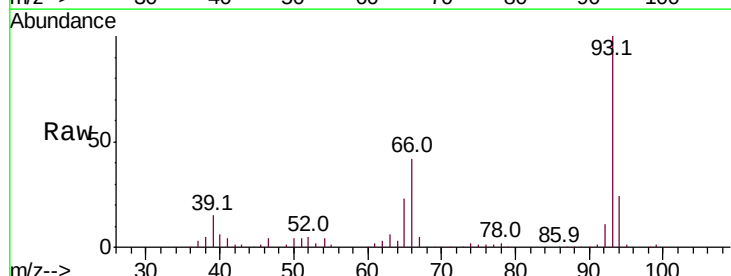
RT: 6.38 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

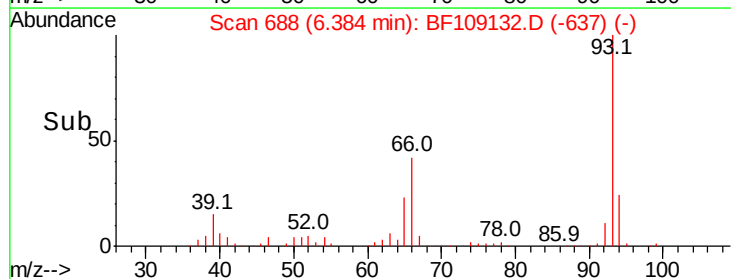
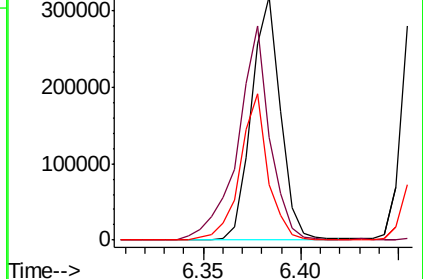
Tgt Ion:	93	Resp:	328353
Ion Ratio	Lower	Upper	
93	100		
66	42.0	32.2	48.2
65	22.7	16.4	24.6

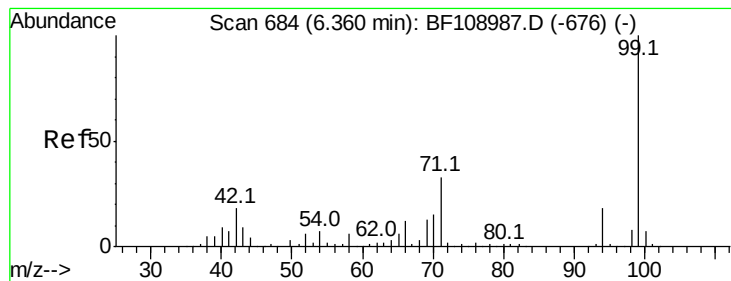


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 90.875 ng

RT: 6.36 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

Instrument :

BNA_F

ClientSampled :

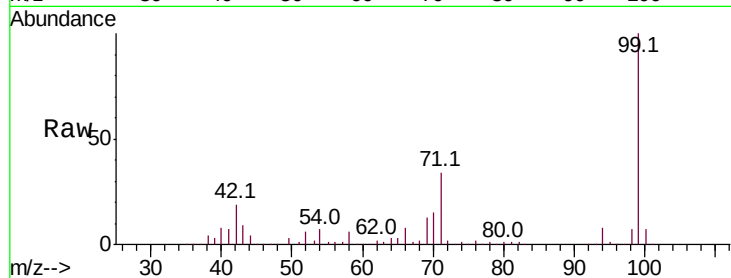
Tot Ion: 99 Resp: 872863

Ion Ratio Lower Upper

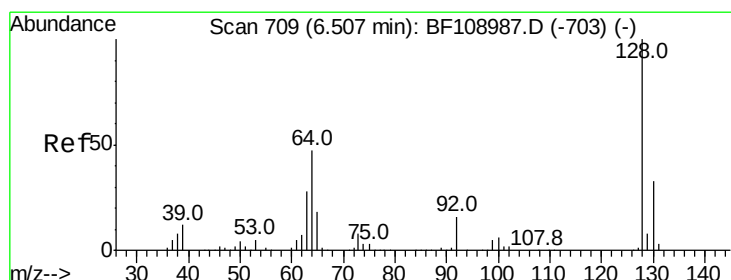
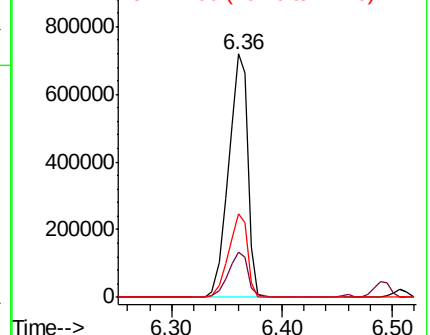
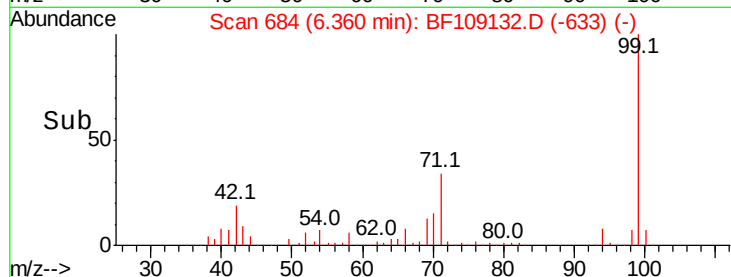
99 100

42 18.6 14.5 21.7

71 34.5 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: 45.306 ng

RT: 6.51 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

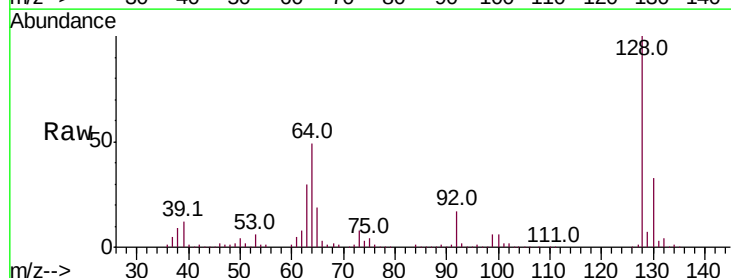
Tgt Ion: 128 Resp: 377673

Ion Ratio Lower Upper

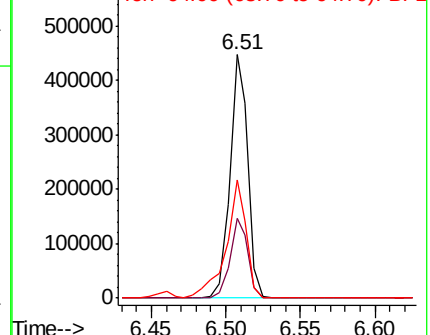
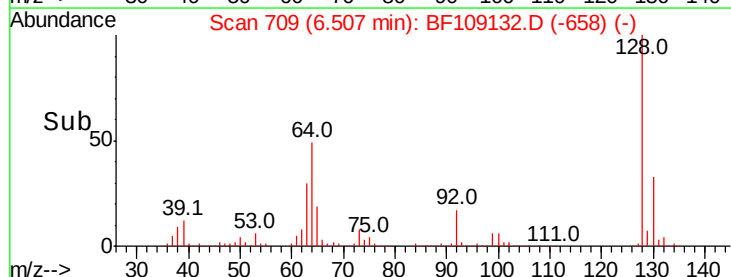
128 100

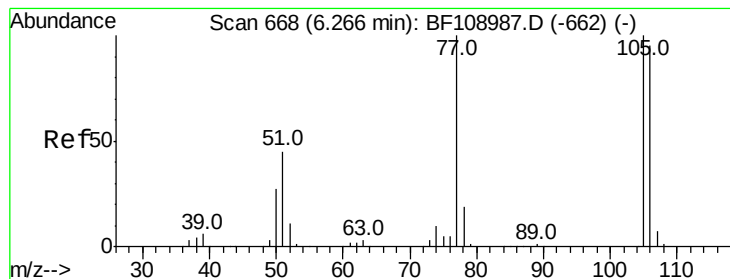
130 32.8 13.0 53.0

64 48.5 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: 20.694 ng

RT: 6.27 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

Instrument :

BNA_F

ClientSampleId :

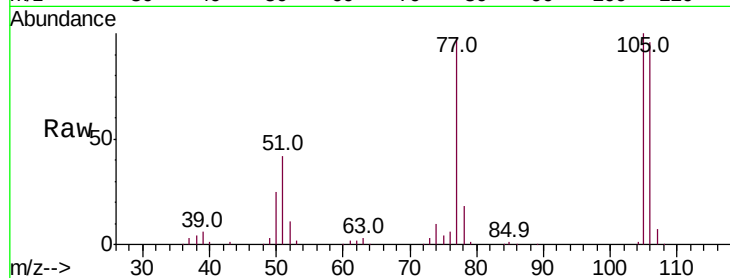
Tot Ion: 77 Resp: 126949

Ion Ratio Lower Upper

77 100

105 102.3 81.1 121.1

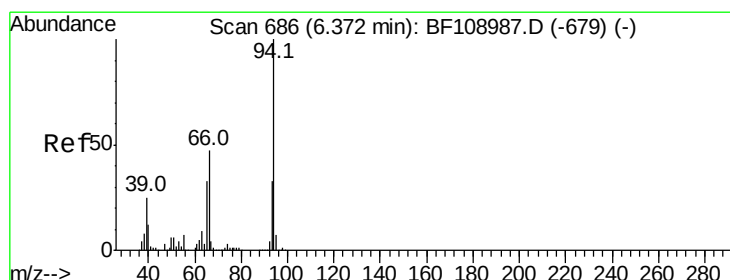
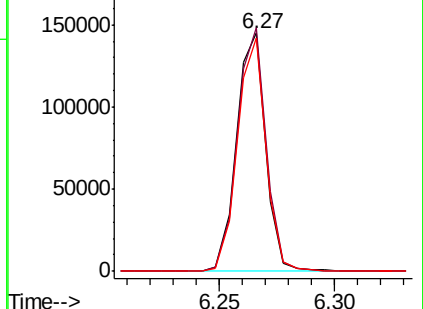
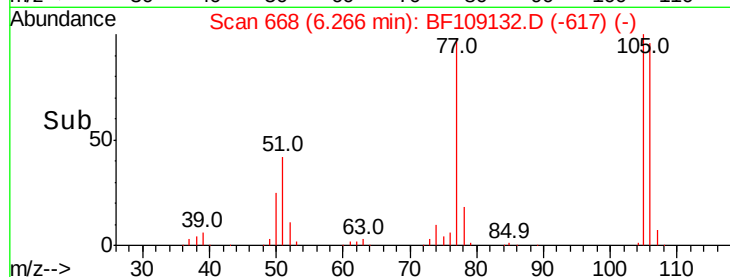
106 98.2 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.058 ng

RT: 6.38 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

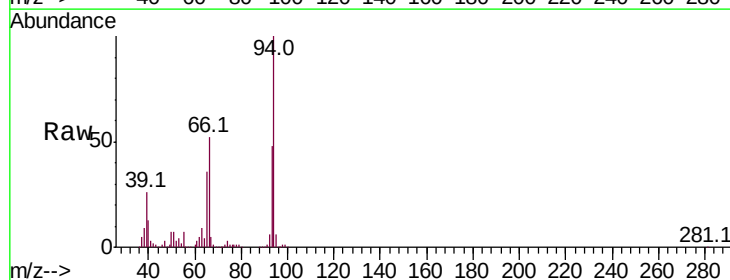
Tgt Ion: 94 Resp: 454542

Ion Ratio Lower Upper

94 100

65 35.7 7.9 47.9

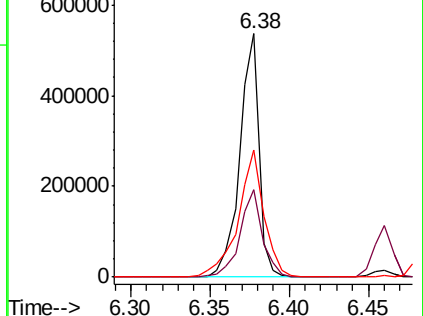
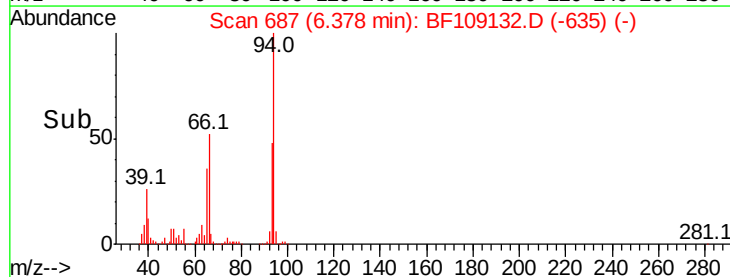
66 52.3 16.2 56.2

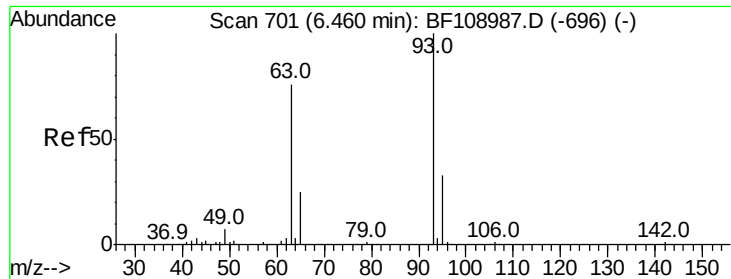


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

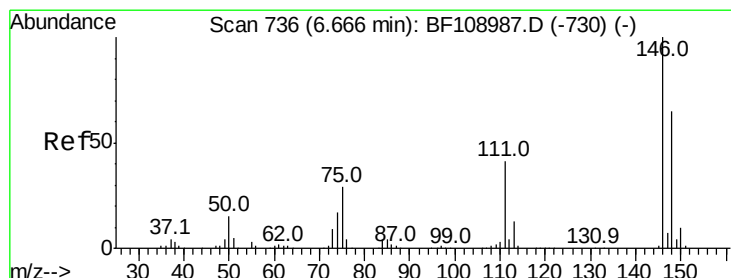
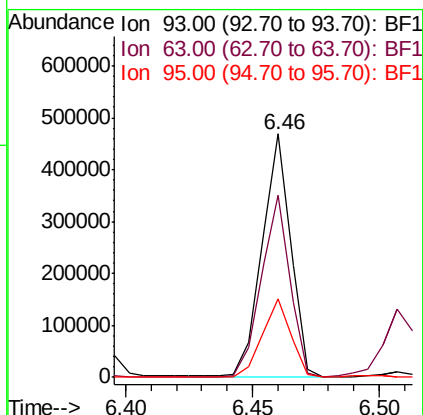
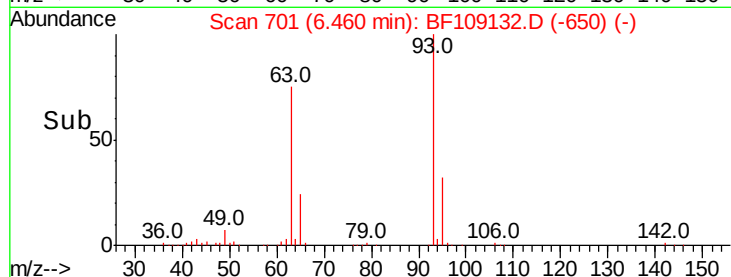
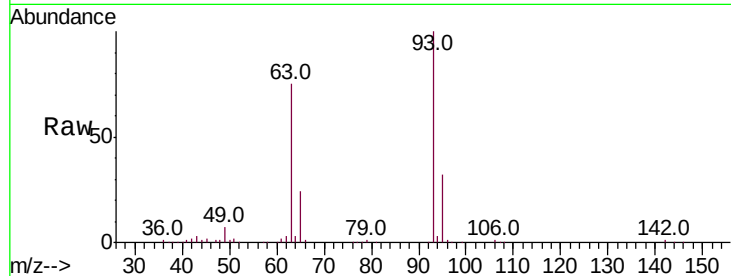




#11
bis(2-Chloroethyl)ether
Concen: 43.623 ng
RT: 6.46 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

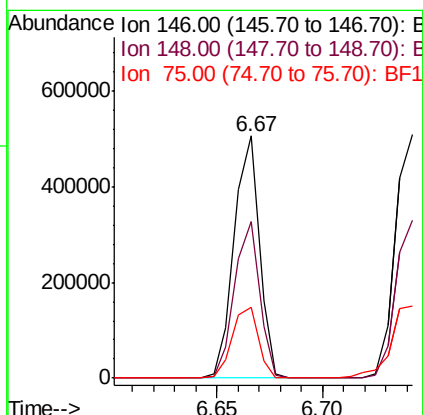
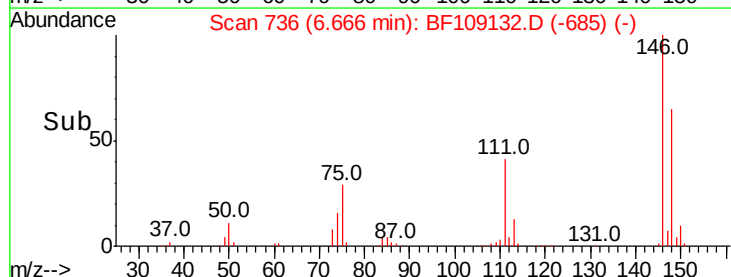
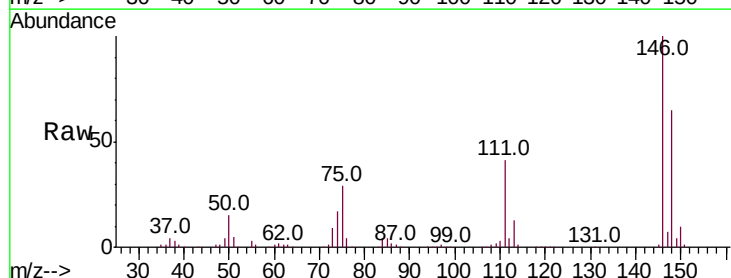
Instrument :
BNA_F
ClientSampleId :

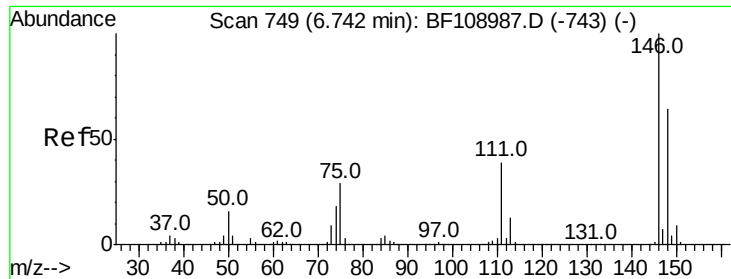
Tot Ion: 93 Resp: 370905
Ion Ratio Lower Upper
93 100
63 75.0 58.6 98.6
95 32.5 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 43.859 ng
RT: 6.67 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Tgt Ion: 146 Resp: 418124
Ion Ratio Lower Upper
146 100
148 64.6 51.8 77.8
75 29.1 24.2 36.4

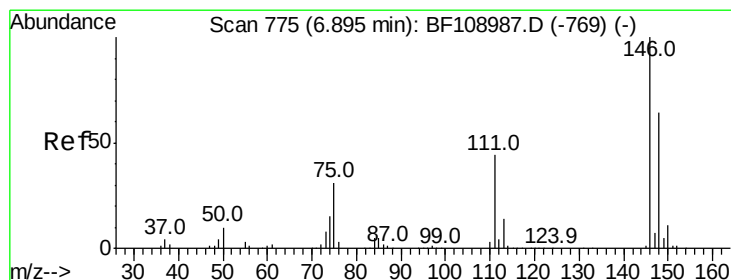
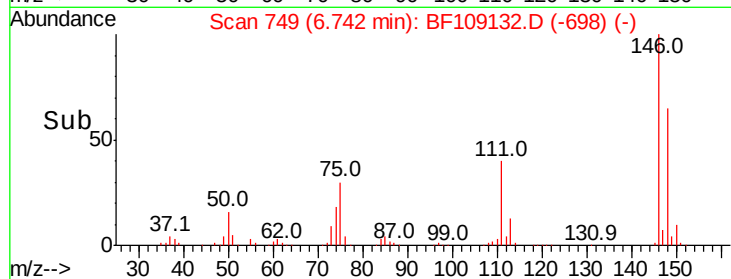
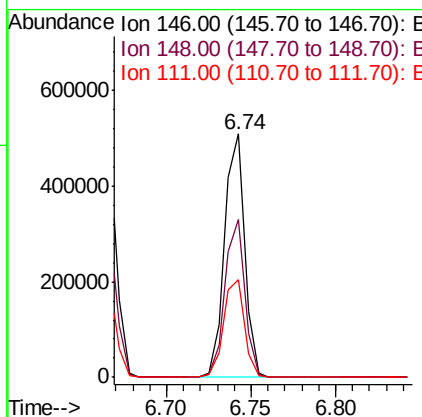
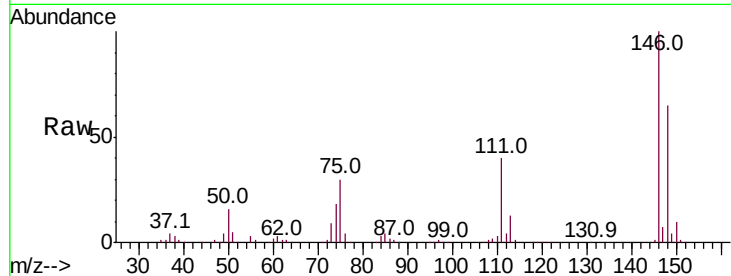




#13
 1,4-Dichlorobenzene
 Concen: 44.126 ng
 RT: 6.74 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF109132.D
 Acq: 19 Sep 2018 8:17

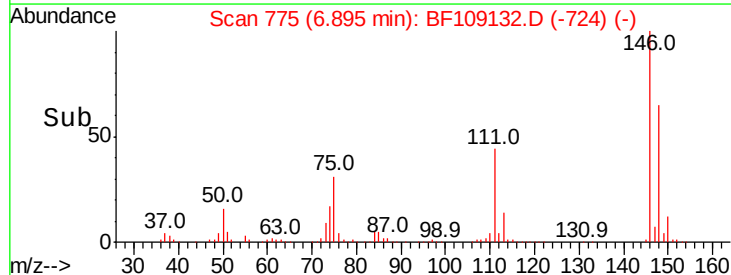
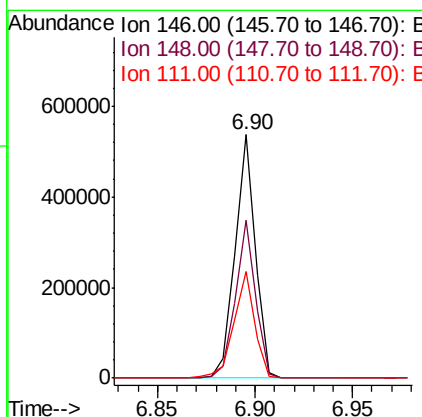
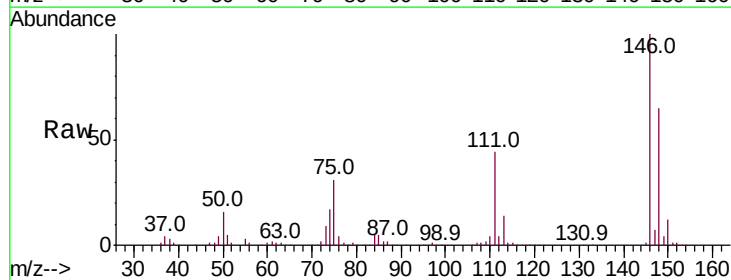
Instrument :
 BNA_F
 ClientSampleId :

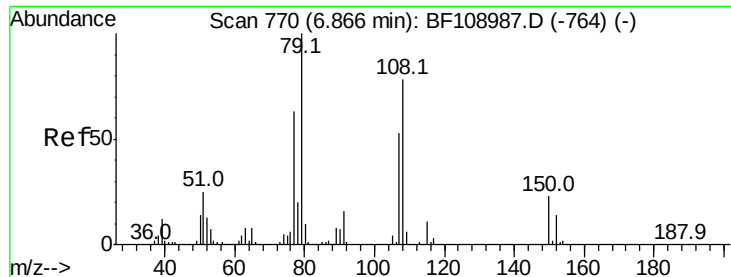
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.8	76.2
111	40.1	34.2	51.2



#14
 1,2-Dichlorobenzene
 Concen: 43.529 ng
 RT: 6.90 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF109132.D
 Acq: 19 Sep 2018 8:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.6	75.8
111	43.8	36.0	54.0





#15

Benzyl Alcohol

Concen: 44.291 ng

RT: 6.87 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

Instrument :

BNA_F

ClientSampled :

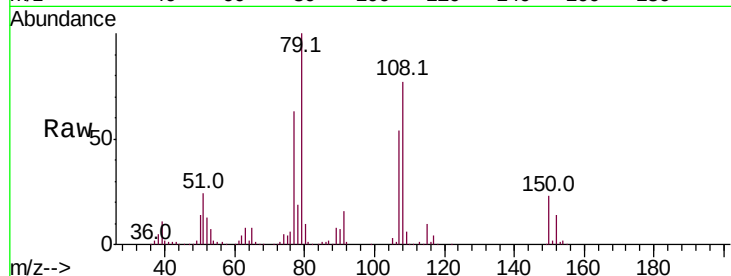
Tot Ion: 79 Resp: 322968

Ion Ratio Lower Upper

79 100

108 76.7 65.1 97.7

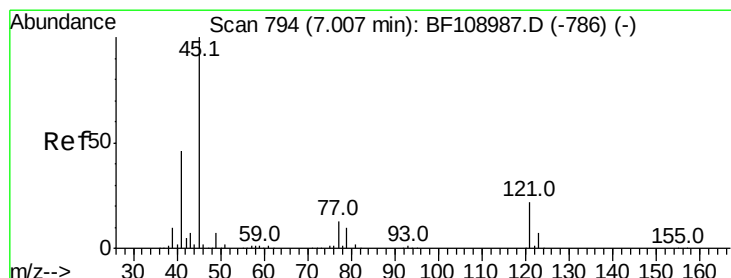
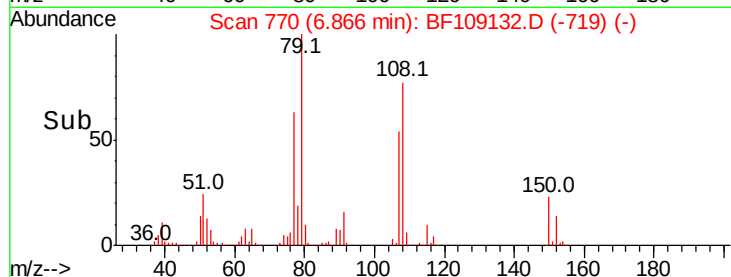
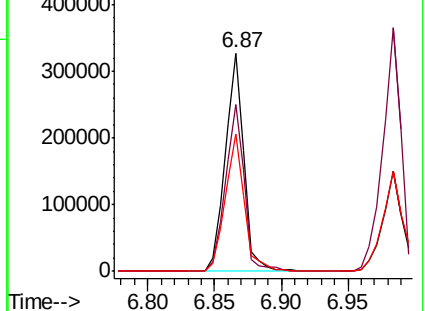
77 62.7 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.751 ng

RT: 7.01 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

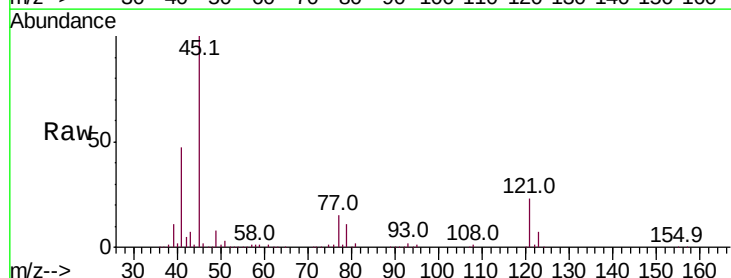
Tgt Ion: 45 Resp: 520809

Ion Ratio Lower Upper

45 100

77 15.4 0.0 32.9

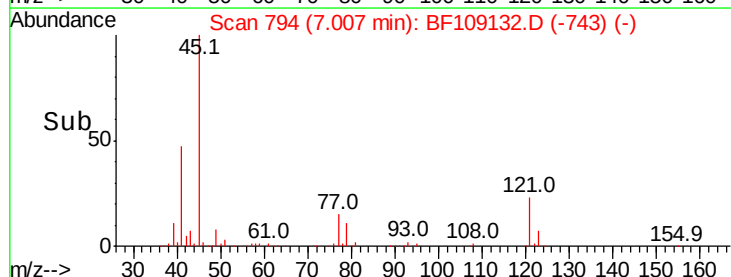
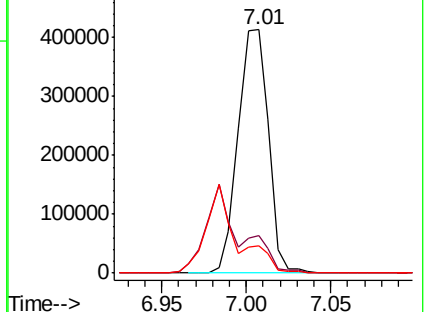
79 11.5 0.0 29.6

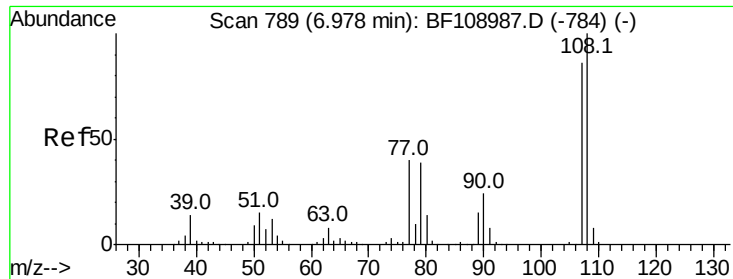


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 44.280 ng

RT: 6.98 min Scan# 790

Delta R.T. 0.01 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 301147

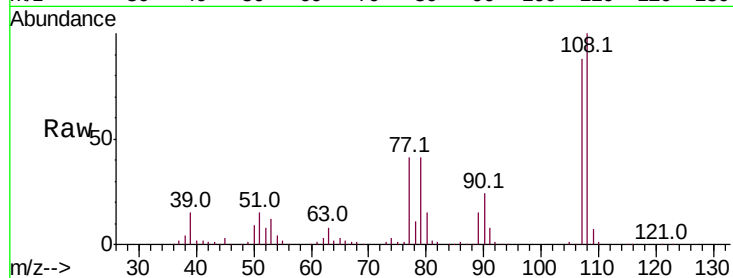
Ion Ratio Lower Upper

107 100

108 113.3 91.7 137.5

77 46.9 33.8 50.8

79 46.7 33.8 50.8

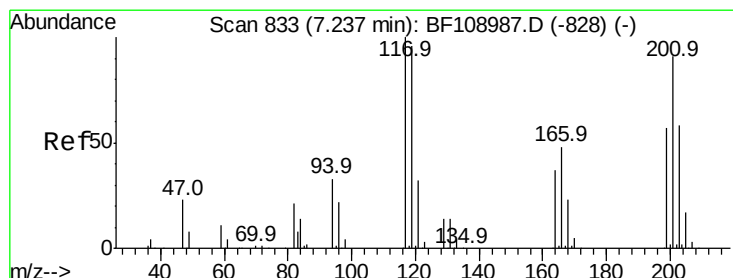
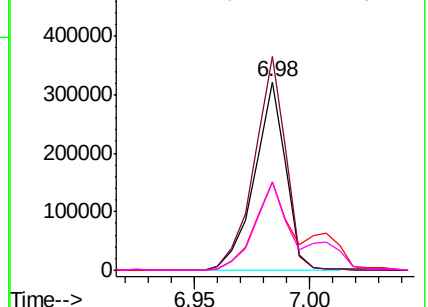
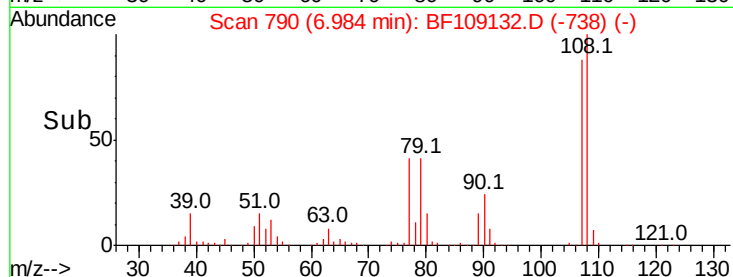


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 39.715 ng

RT: 7.24 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

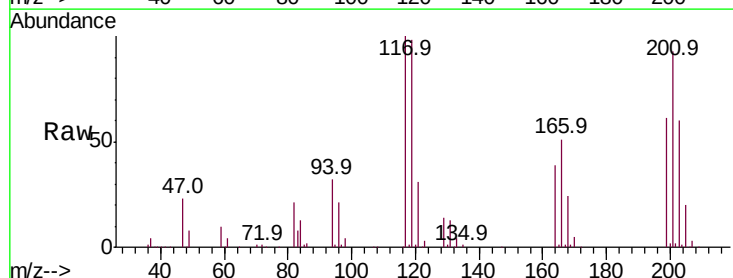
Tgt Ion:117 Resp: 137951

Ion Ratio Lower Upper

117 100

119 97.7 75.8 113.8

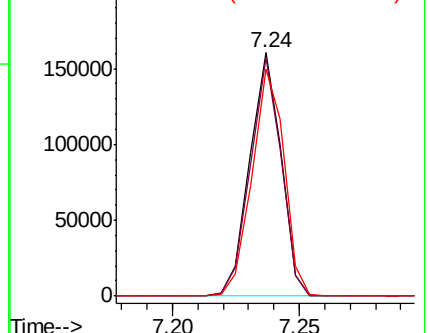
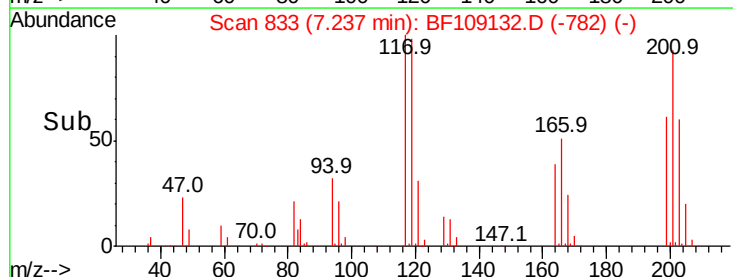
201 93.1 75.7 113.5

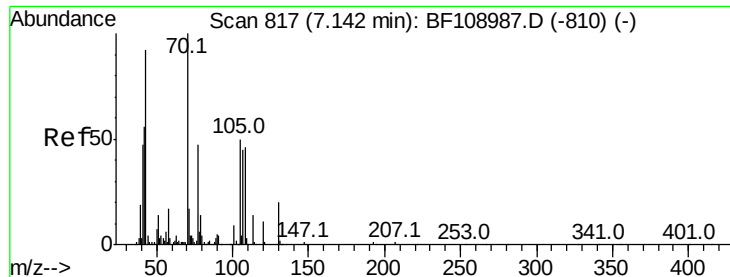


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

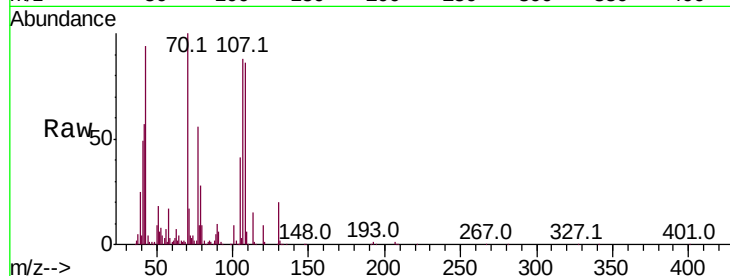




#19
n-Nitroso-di-n-propylamine
Concen: 42.025 ng
RT: 7.14 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	266818
Ion	Ratio	Lower	Upper
70	100		
42	56.8	47.5	71.3
101	9.2	7.4	11.2
130	20.3	16.6	25.0



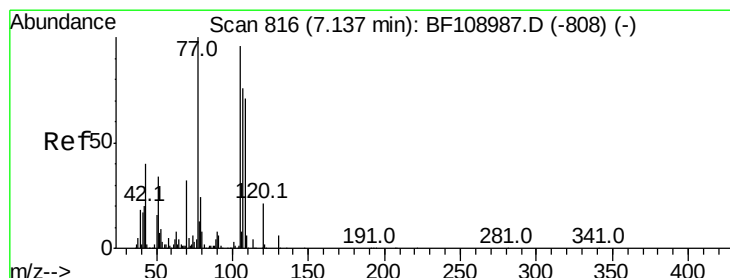
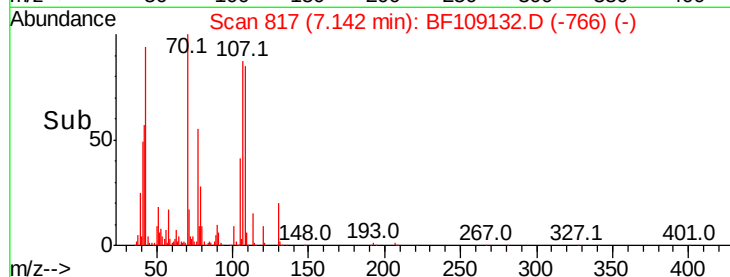
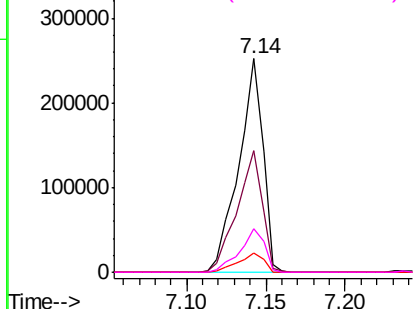
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

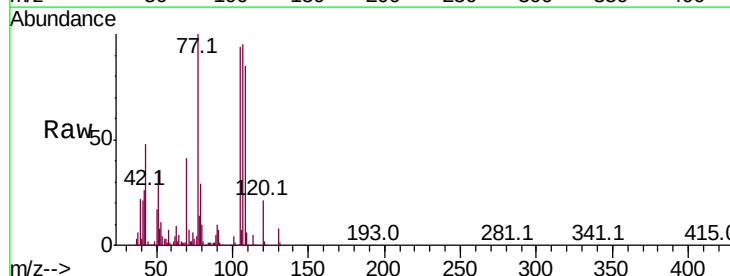
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 43.746 ng
RT: 7.14 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Tgt Ion:	107	Resp:	358325
Ion	Ratio	Lower	Upper
107	100		
108	89.4	68.2	108.2
77	104.9	26.7	66.7#
79	30.8	6.3	46.3



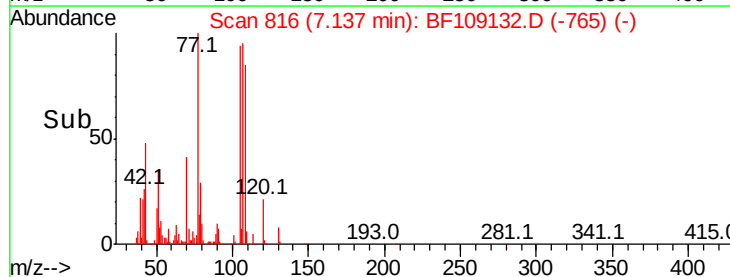
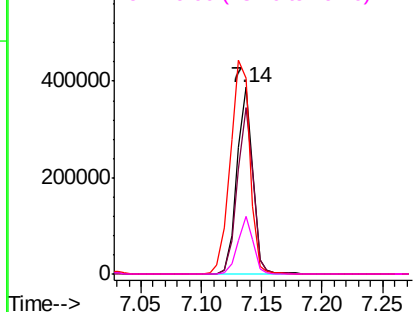
Abundance

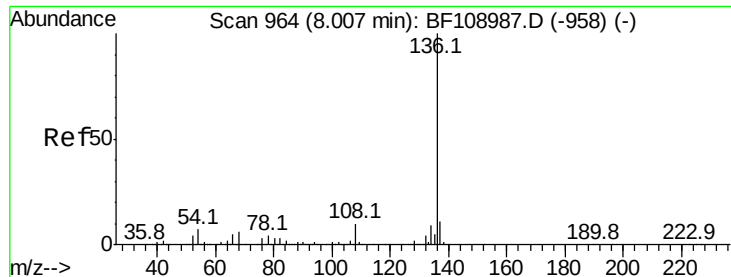
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

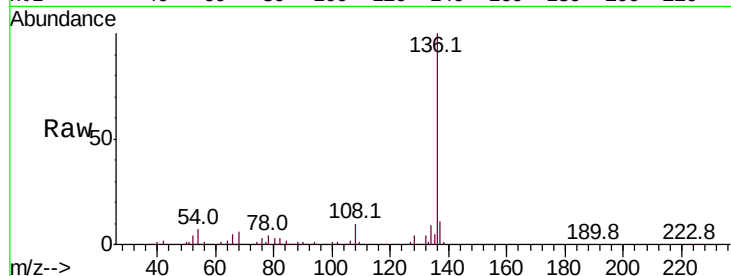




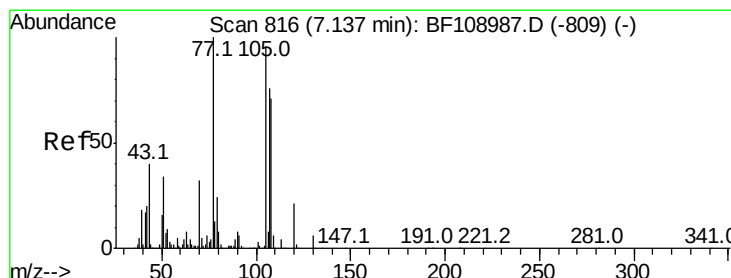
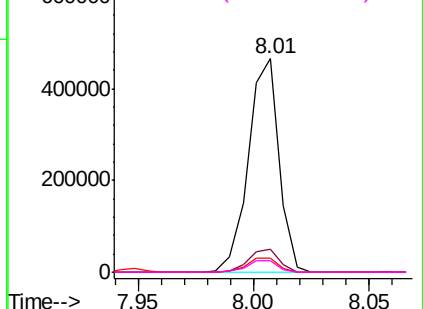
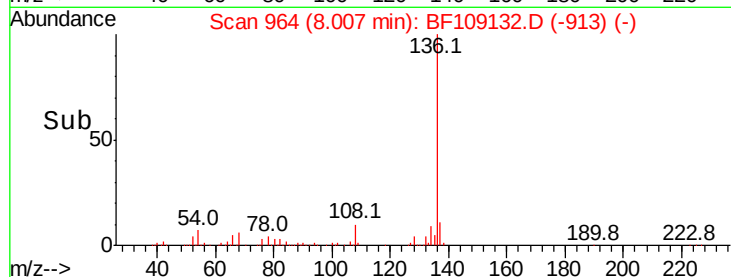
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	431815
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.9	13.3
54 6.6	6.6	9.8#
68 5.5	5.0	7.4

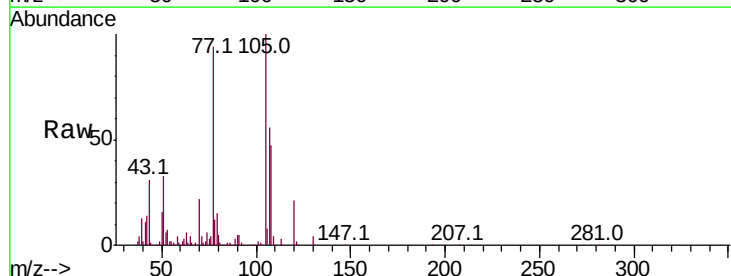


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

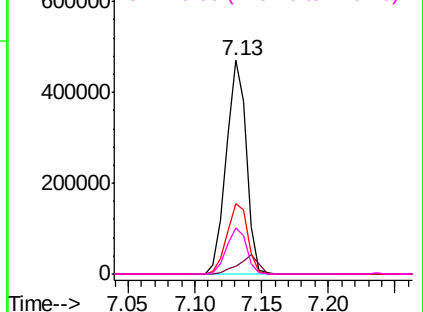
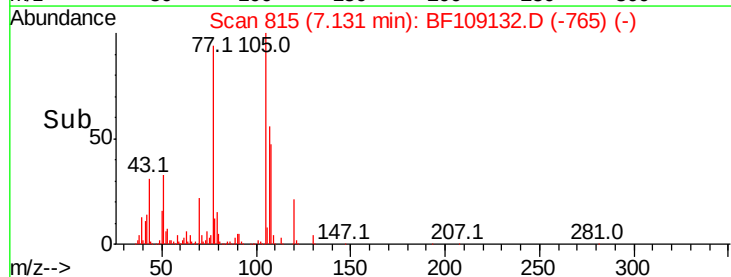


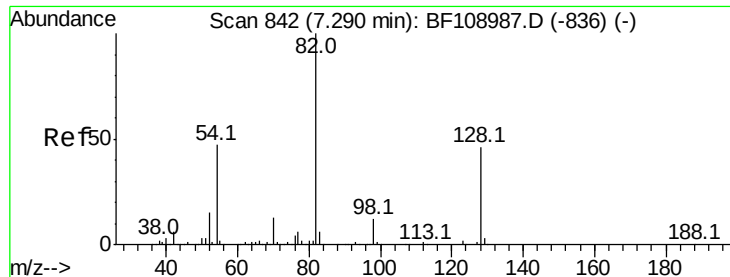
#22
Acetophenone
Concen: 51.169 ng
RT: 7.13 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Tgt Ion:105	Resp:	501783
Ion Ratio	Lower	Upper
105 100		
71 3.6	4.4	6.6#
51 33.3	22.3	33.5
120 21.4	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

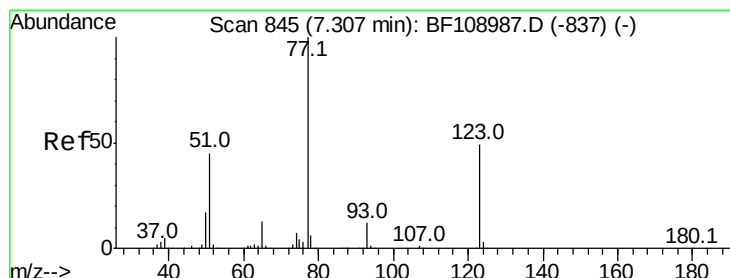
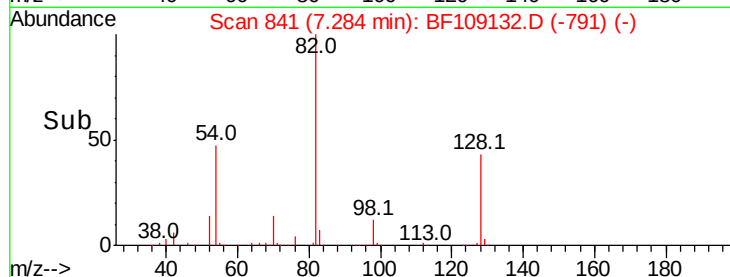
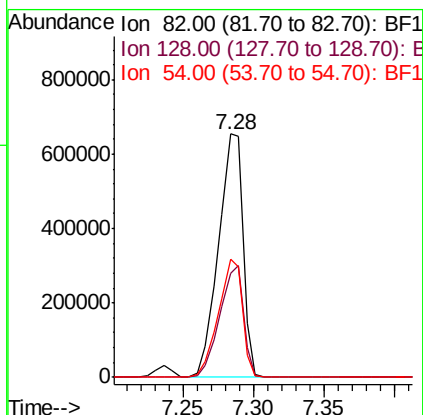
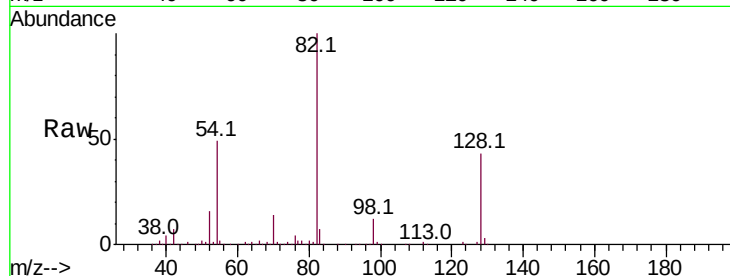




#23
 Nitrobenzene-d5
 Concen: 102.562 ng
 RT: 7.28 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF109132.D
 Acq: 19 Sep 2018 8:17

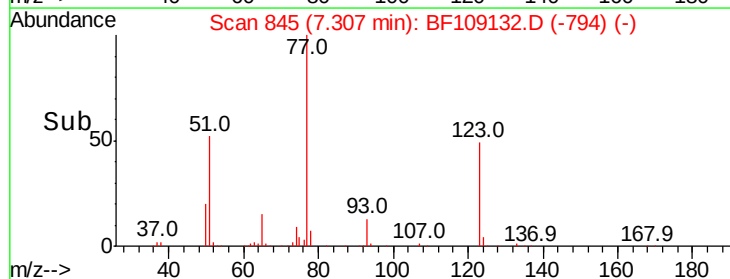
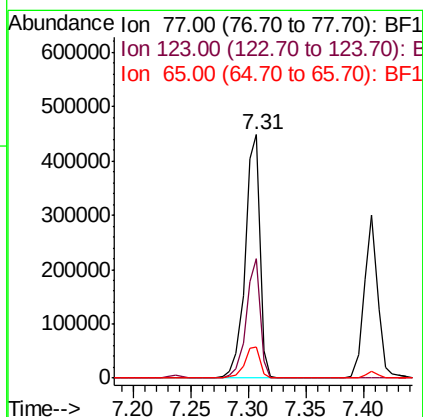
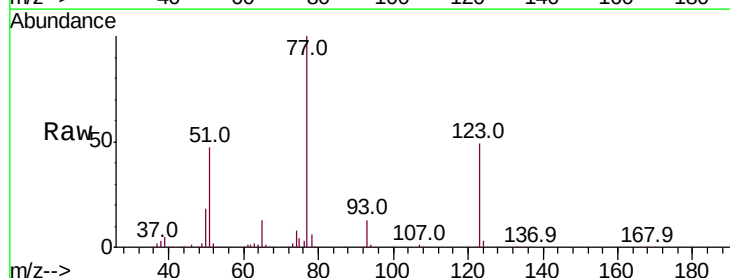
Instrument :
 BNA_F
 ClientSampleId :

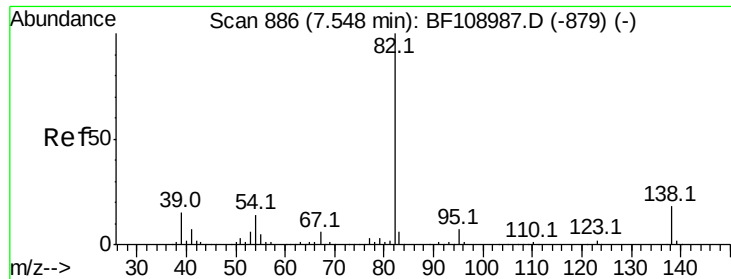
Tot Ion: 82 Resp: 789609
 Ion Ratio Lower Upper
 82 100
 128 43.0 36.1 54.1
 54 48.5 41.4 62.2



#24
 Nitrobenzene
 Concen: 50.167 ng
 RT: 7.31 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: BF109132.D
 Acq: 19 Sep 2018 8:17

Tgt Ion: 77 Resp: 398211
 Ion Ratio Lower Upper
 77 100
 123 48.9 37.9 56.9
 65 13.0 11.0 16.4





#25

Isophorone

Concen: 53.431 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

Instrument :

BNA_F

ClientSampleId :

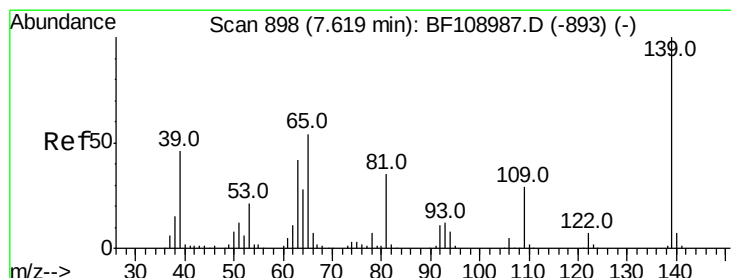
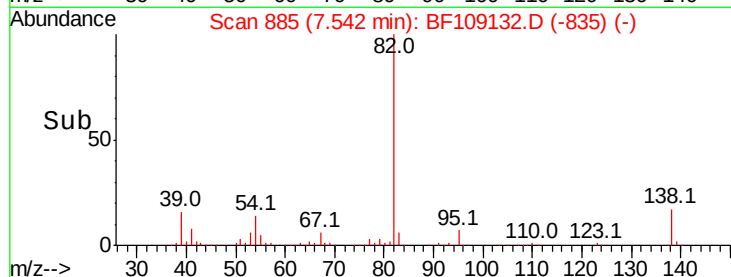
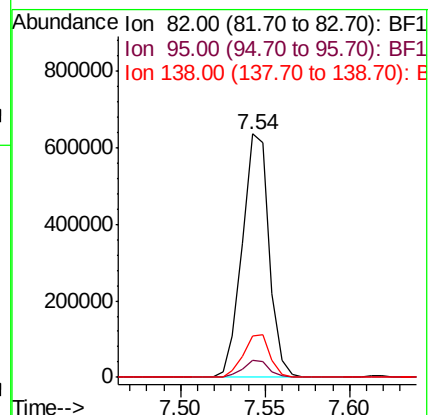
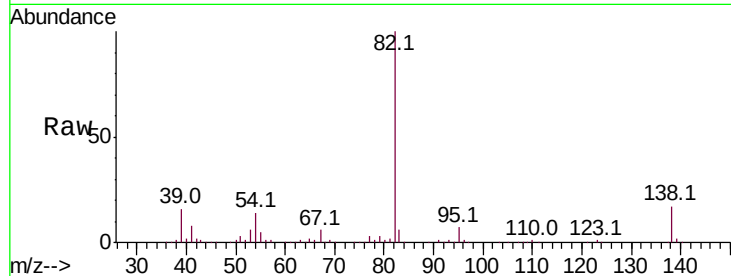
Tot Ion: 82 Resp: 707109

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

138 16.8 14.9 22.3



#26

2-Nitrophenol

Concen: 38.994 ng

RT: 7.62 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

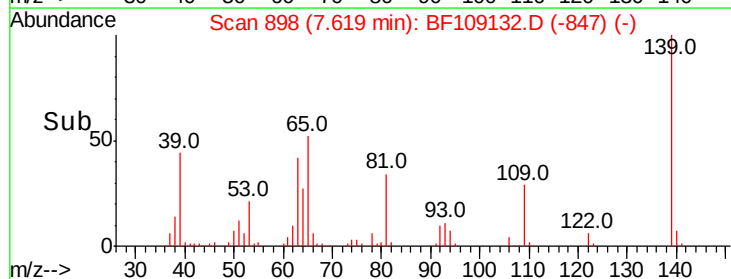
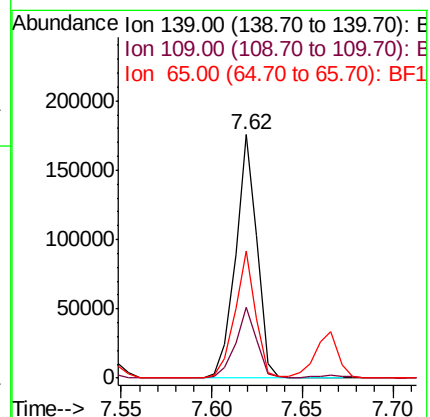
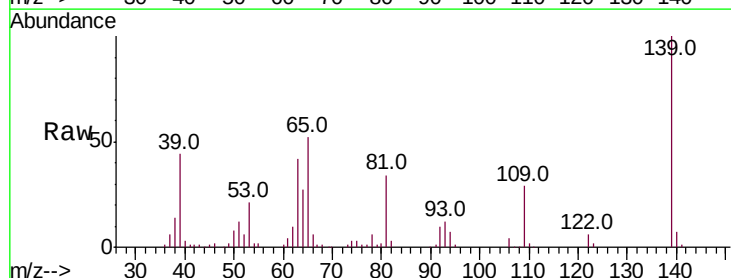
Tgt Ion: 139 Resp: 144528

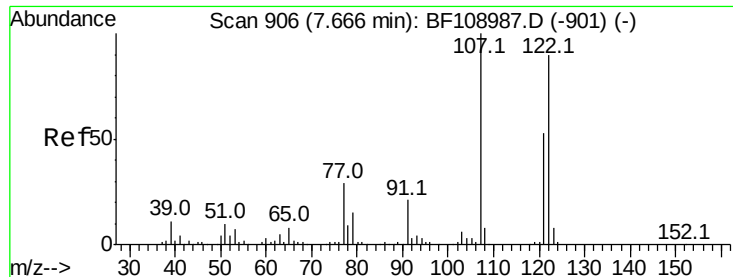
Ion Ratio Lower Upper

139 100

109 29.1 22.7 34.1

65 52.0 40.5 60.7

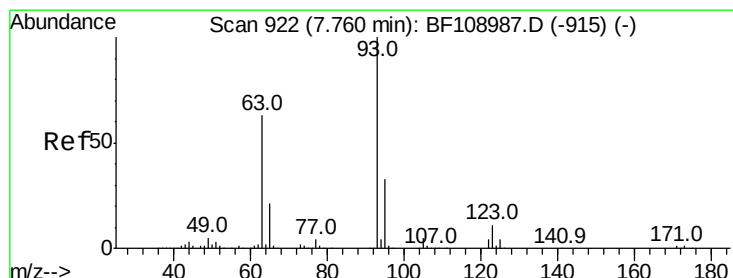
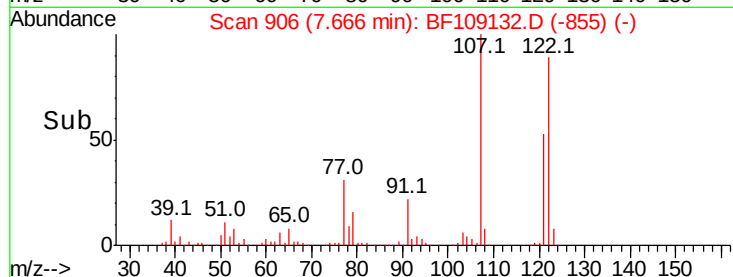
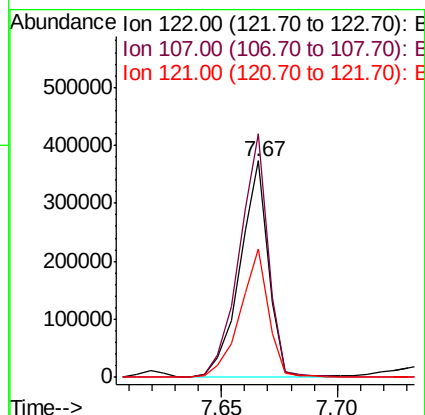
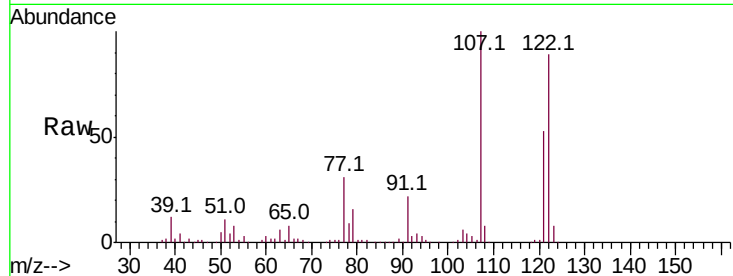




#27
 2,4-Dimethylphenol
 Concen: 55.716 ng
 RT: 7.67 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF109132.D
 Acq: 19 Sep 2018 8:17

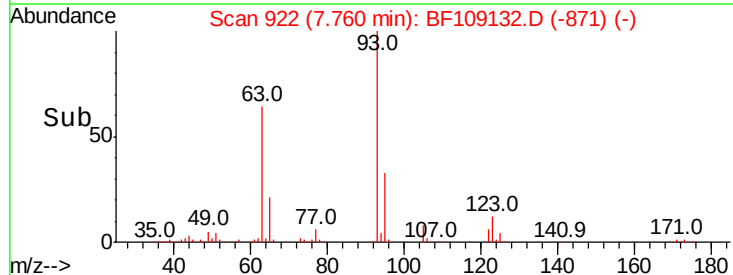
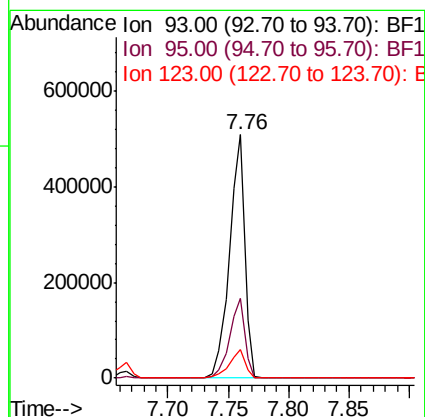
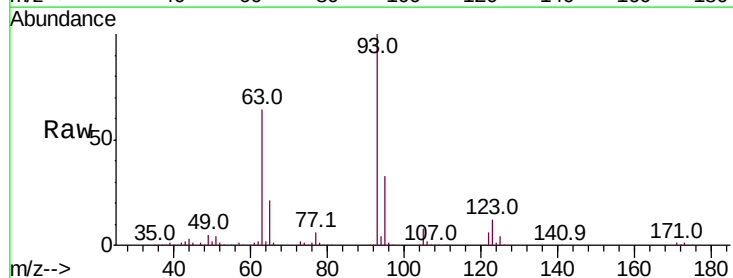
Instrument :
 BNA_F
 ClientSampleId :

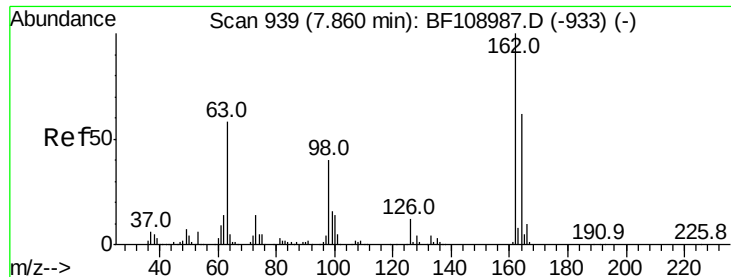
Tot Ion:122 Resp: 323933
 Ion Ratio Lower Upper
 122 100
 107 112.4 91.2 136.8
 121 59.0 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.508 ng
 RT: 7.76 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: BF109132.D
 Acq: 19 Sep 2018 8:17

Tgt Ion: 93 Resp: 449813
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.3 39.5
 123 11.9 9.8 14.6

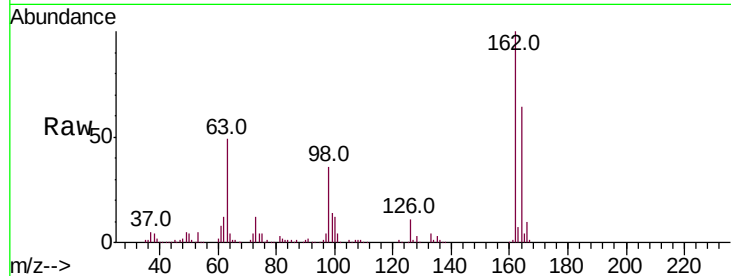




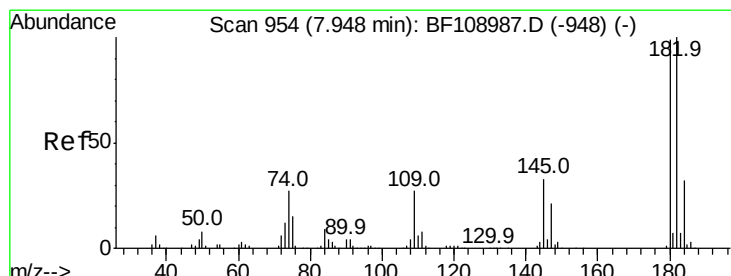
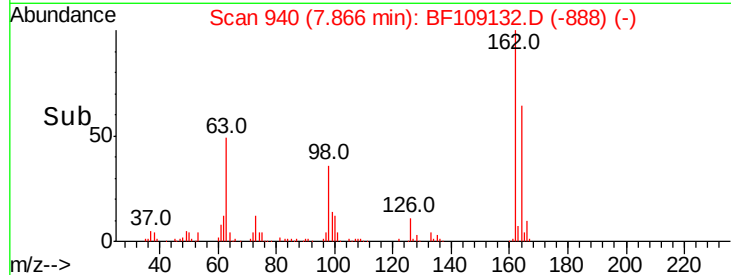
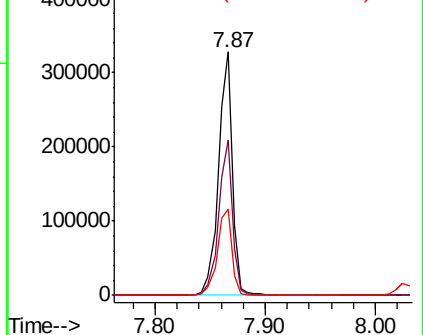
#29
2,4-Dichlorophenol
Concen: 46.460 ng
RT: 7.87 min Scan# 940
Delta R.T. 0.01 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	42.7	82.7
98	35.6	18.1	58.1

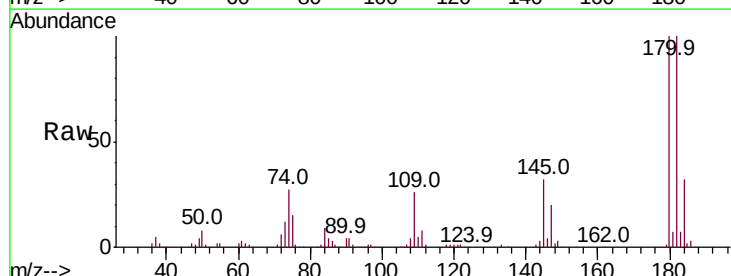


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

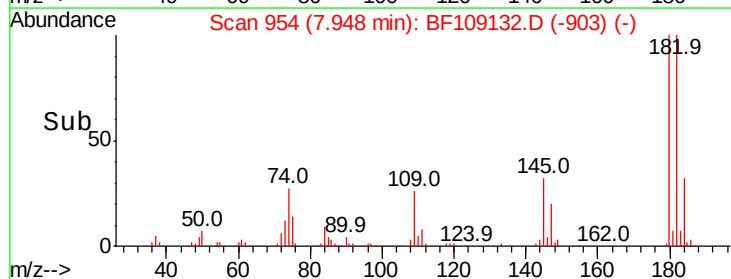
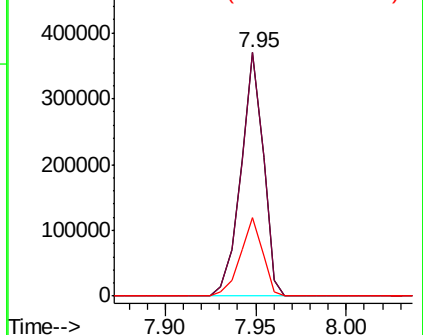


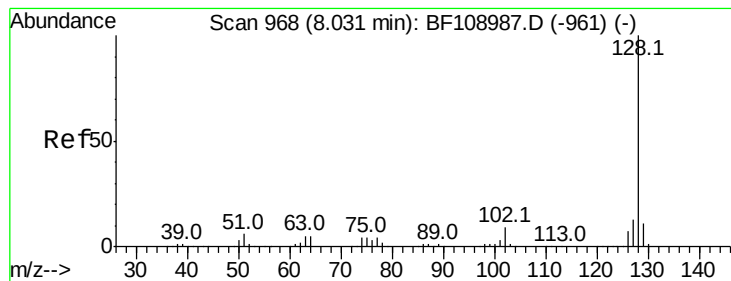
#30
1,2,4-Trichlorobenzene
Concen: 47.408 ng
RT: 7.95 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.2	76.8	115.2
145	32.1	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: 51.121 ng

RT: 8.02 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

Instrument :

BNA_F

ClientSampleId :

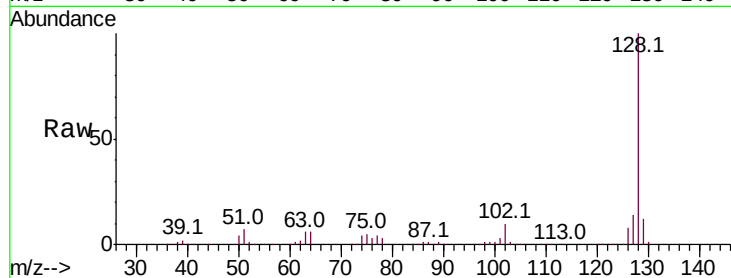
Tot Ion:128 Resp: 1024586

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

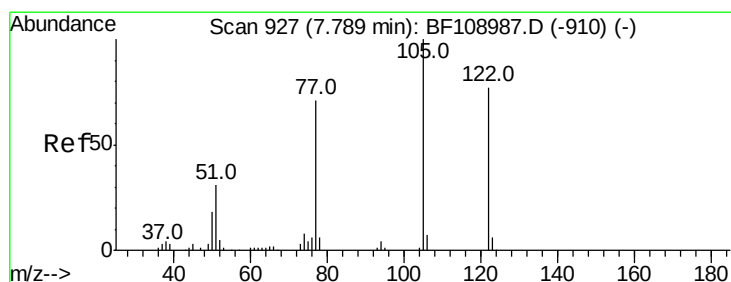
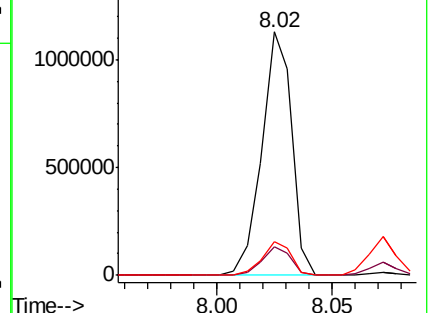
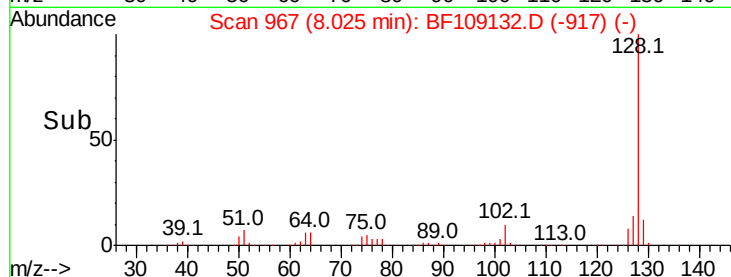
127 13.6 10.9 16.3



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: 16.955 ng

RT: 7.76 min Scan# 922

Delta R.T. -0.03 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

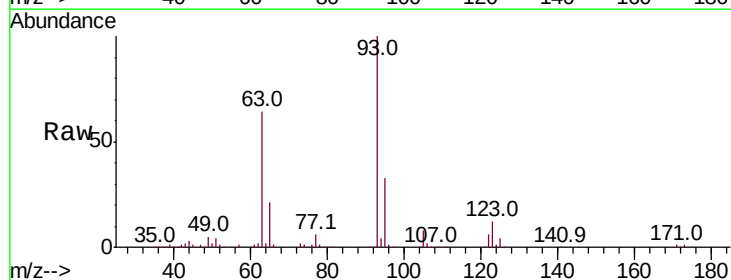
Tgt Ion:122 Resp: 64412

Ion Ratio Lower Upper

122 100

105 120.8 101.1 141.1

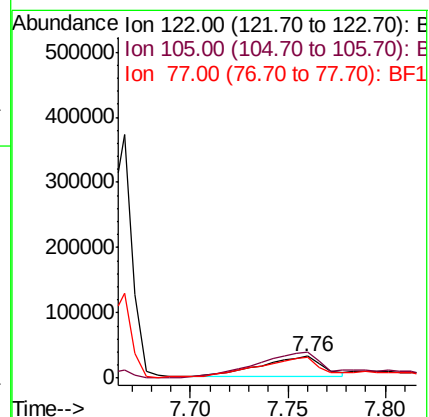
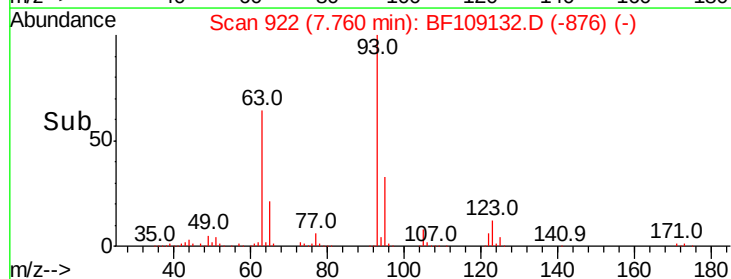
77 98.4 70.7 110.7

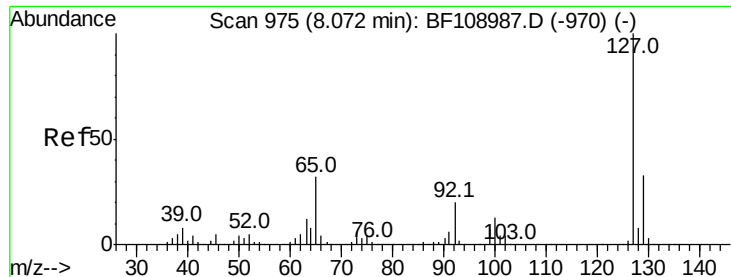


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

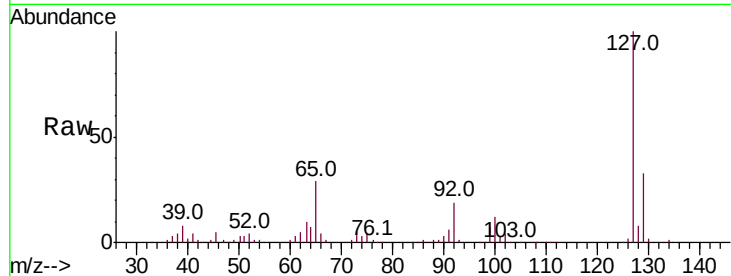




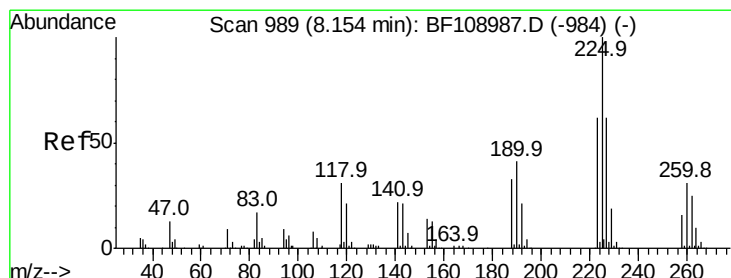
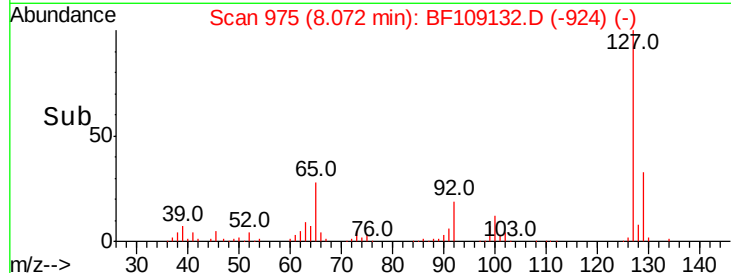
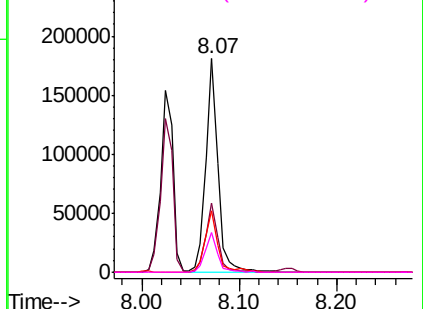
#33
4-Chloroaniline
Concen: 17.835 ng
RT: 8.07 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	158930
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	28.7	25.0	37.4
92	18.6	15.2	22.8

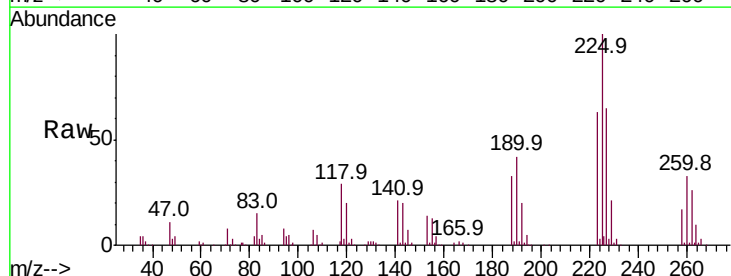


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

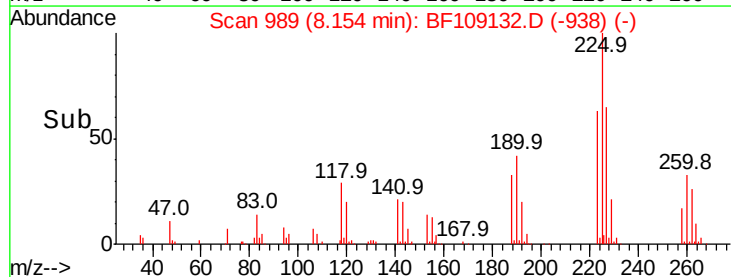
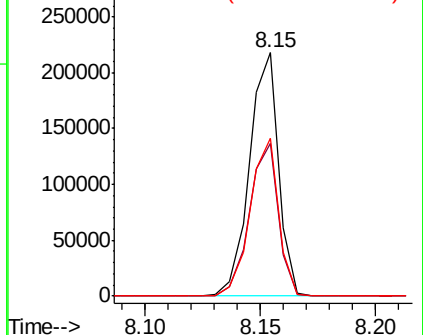


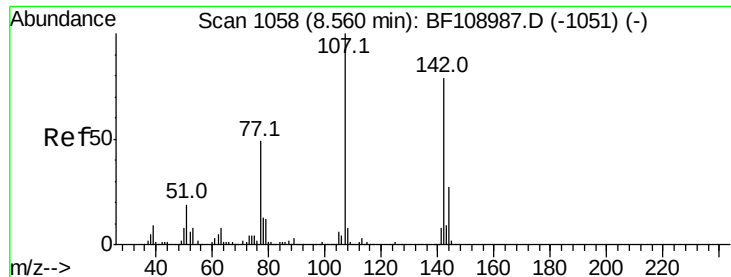
#34
Hexachlorobutadiene
Concen: 46.954 ng
RT: 8.15 min Scan# 989
Delta R.T. 0.00 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Tgt Ion:	225	Resp:	191977
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.6	76.0
227	64.7	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

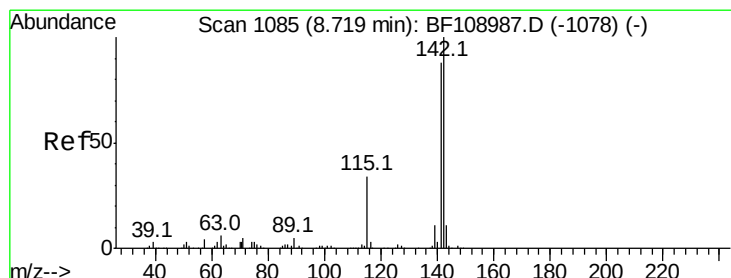
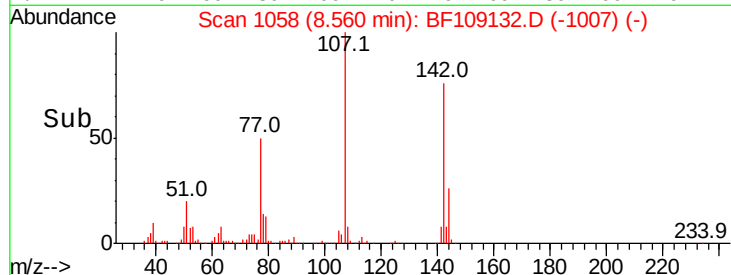
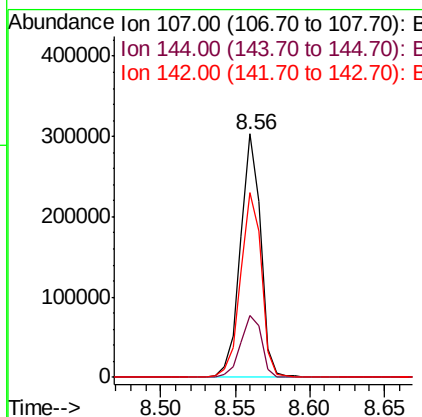
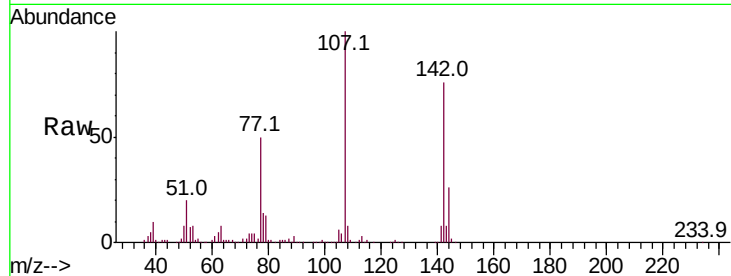




#36
 4-Chloro-3-methylphenol
 Concen: 44.022 ng
 RT: 8.56 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BF109132.D
 Acq: 19 Sep 2018 8:17

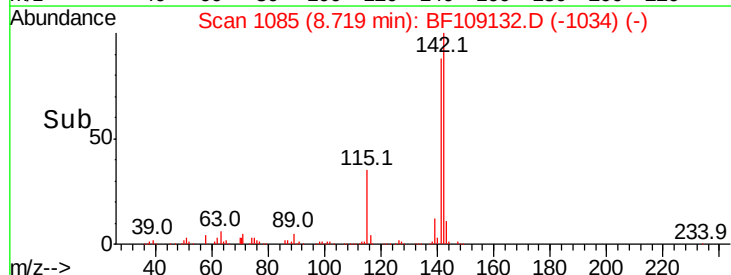
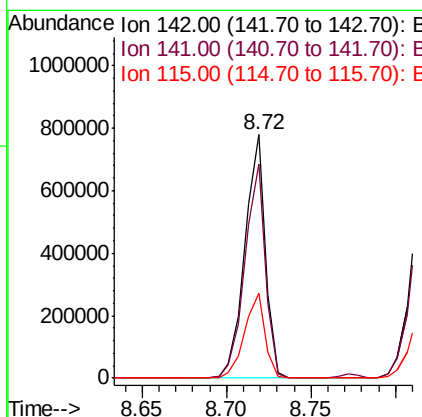
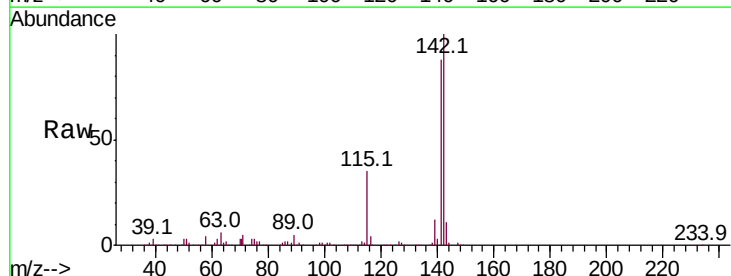
Instrument :
 BNA_F
 ClientSampleId :

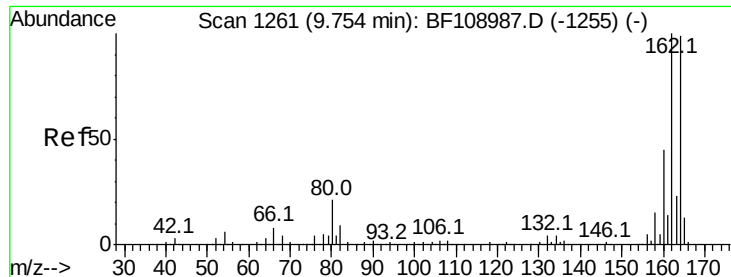
Tot Ion:107 Resp: 287113
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.5 30.7
 142 75.8 62.0 93.0



#37
 2-Methylnaphthalene
 Concen: 50.969 ng
 RT: 8.72 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: BF109132.D
 Acq: 19 Sep 2018 8:17

Tgt Ion:142 Resp: 665902
 Ion Ratio Lower Upper
 142 100
 141 88.1 70.8 106.2
 115 34.8 26.1 39.1

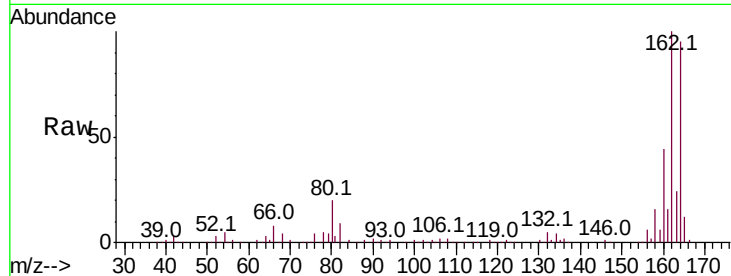




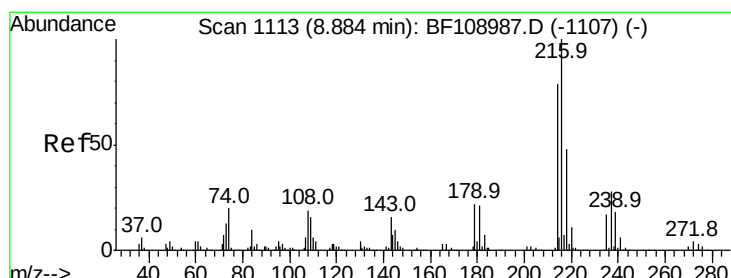
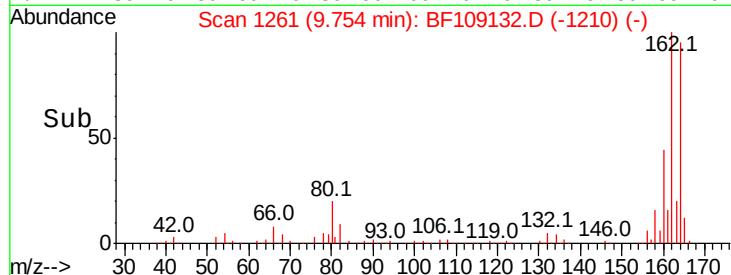
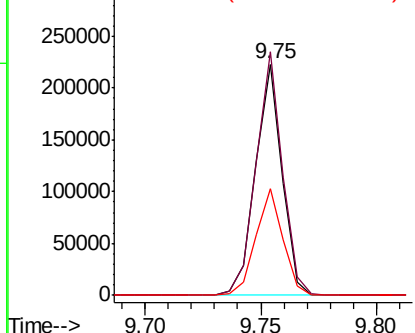
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: BF109132.D
 Acq: 19 Sep 2018 8:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 178914
 Ion Ratio Lower Upper
 164 100
 162 105.4 86.1 129.1
 160 46.3 38.3 57.5

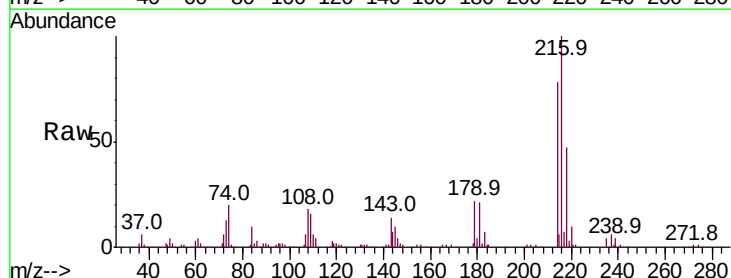


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

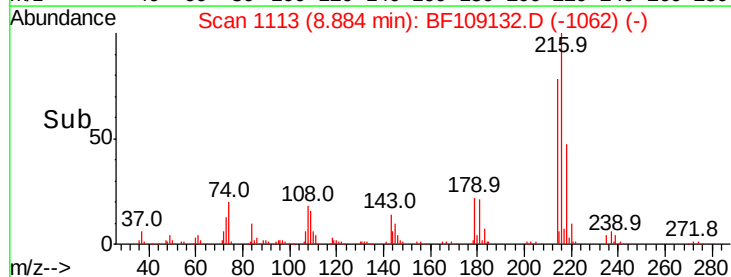
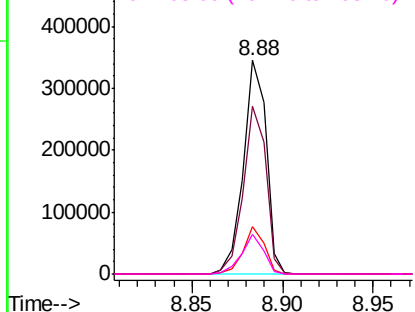


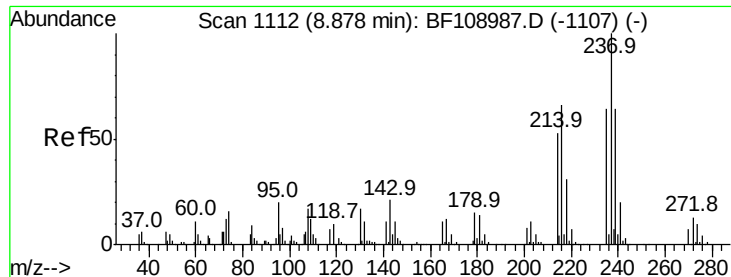
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 53.612 ng
 RT: 8.88 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: BF109132.D
 Acq: 19 Sep 2018 8:17

Tgt Ion:216 Resp: 301897
 Ion Ratio Lower Upper
 216 100
 214 78.4 63.0 94.4
 179 20.5 18.1 27.1
 108 18.0 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

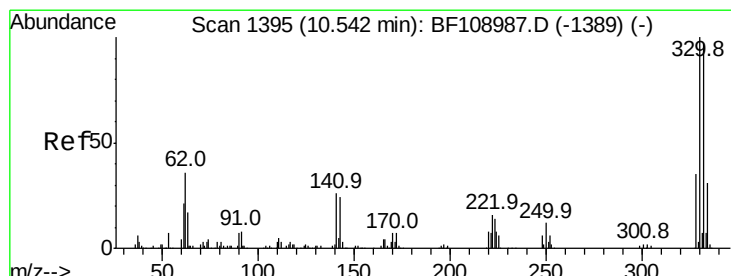
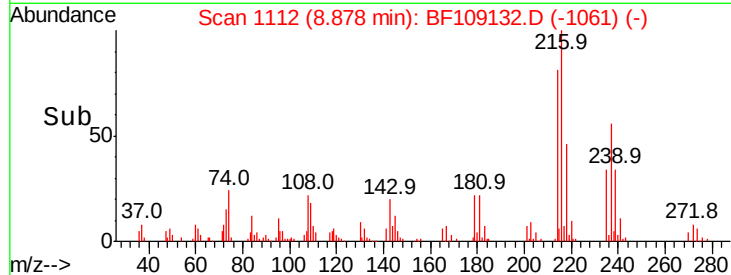
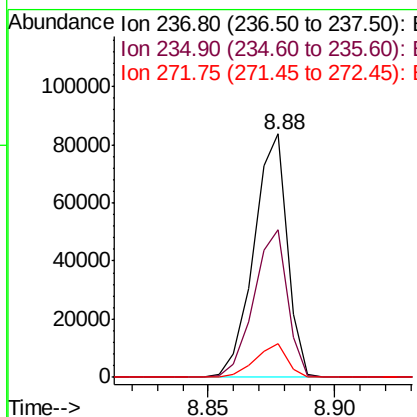
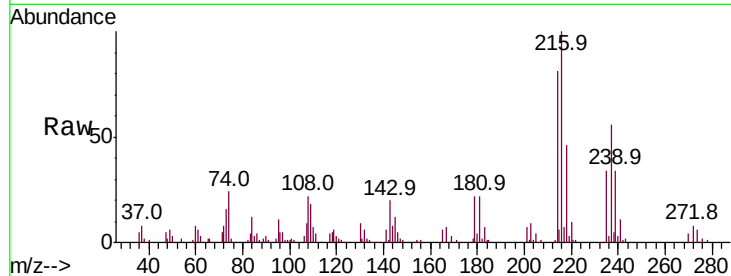




#40
 Hexachlorocyclopentadiene
 Concen: 27.166 ng
 RT: 8.88 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BF109132.D
 Acq: 19 Sep 2018 8:17

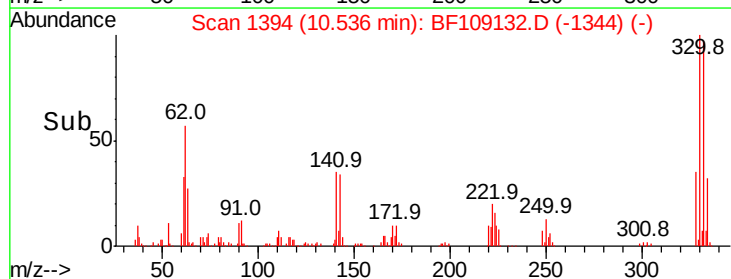
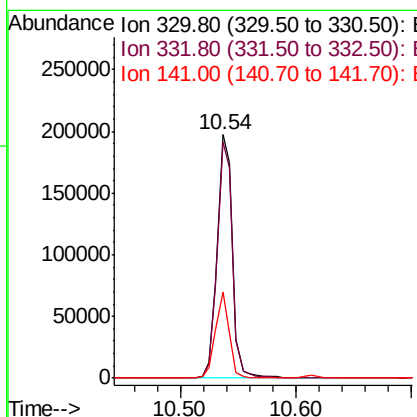
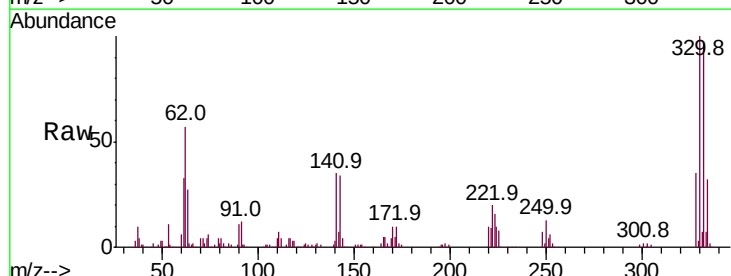
Instrument :
 BNA_F
 ClientSampled :

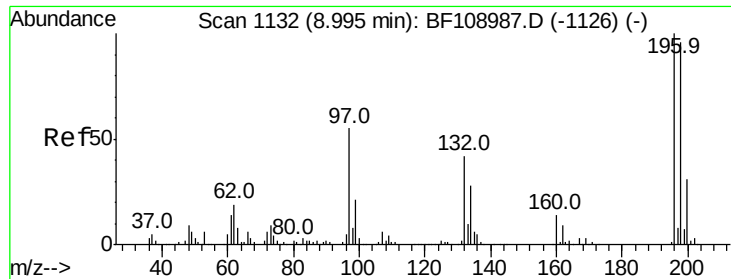
Tot Ion:	237	Resp:	77075
Ion	Ratio	Lower	Upper
237	100		
235	60.7	44.8	84.8
272	13.8	0.0	33.3



#41
 2,4,6-Tribromophenol
 Concen: 93.017 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109132.D
 Acq: 19 Sep 2018 8:17

Tgt Ion:	330	Resp:	180611
Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	32.0	29.9	44.9

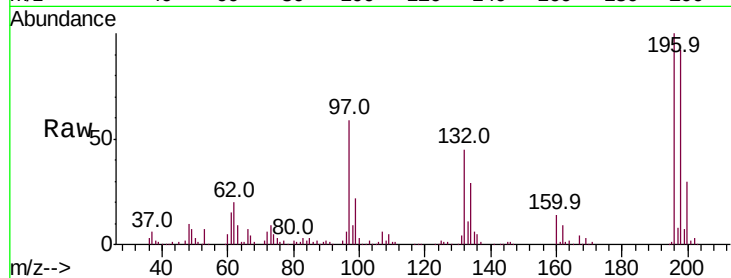




#42
 2,4,6-Trichlorophenol
 Concen: 49.502 ng
 RT: 9.00 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: BF109132.D
 Acq: 19 Sep 2018 8:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.1	75.7	113.5
200	30.3	24.5	36.7

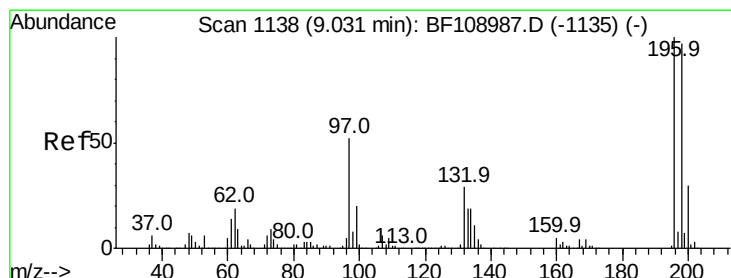
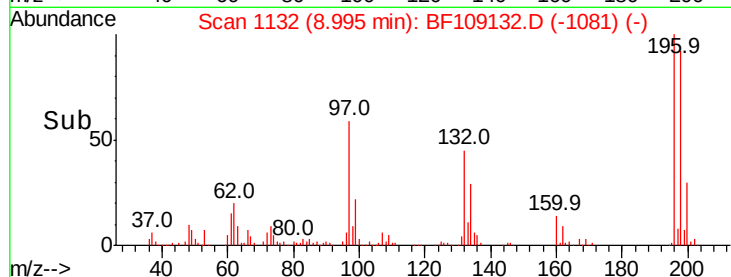
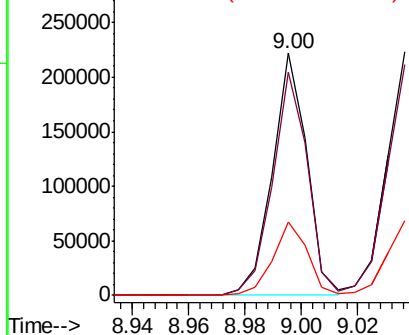


Abundance

Ion 196.00 (195.70 to 196.70): E

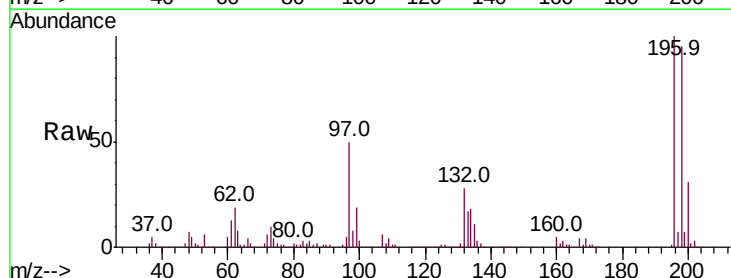
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43
 2,4,5-Trichlorophenol
 Concen: 48.641 ng
 RT: 9.04 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: BF109132.D
 Acq: 19 Sep 2018 8:17

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	74.6	112.0
97	50.1	42.9	64.3
132	27.7	26.3	39.5



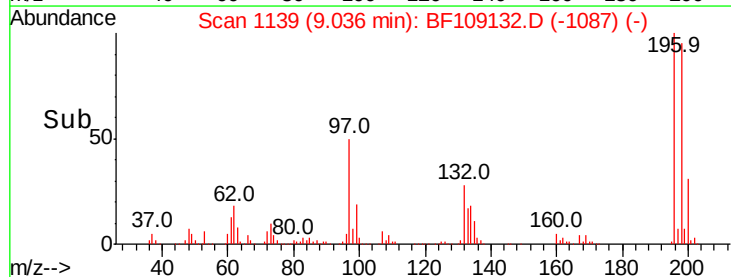
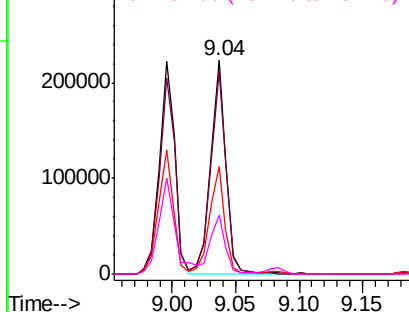
Abundance

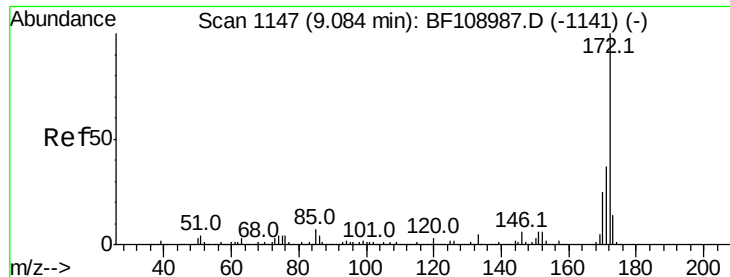
Ion 196.00 (195.70 to 196.70): E

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: 115.191 ng

RT: 9.08 min Scan# 1147

Delta R.T. 0.00 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

Instrument :

BNA_F

ClientSampleId :

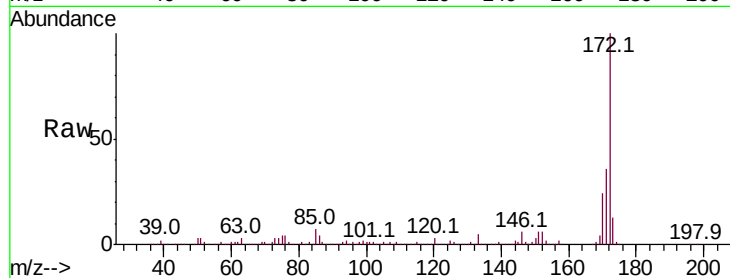
Tot Ion:172 Resp: 1315435

Ion Ratio Lower Upper

172 100

171 36.1 29.7 44.5

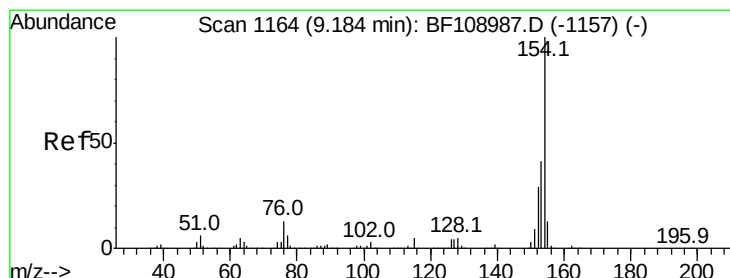
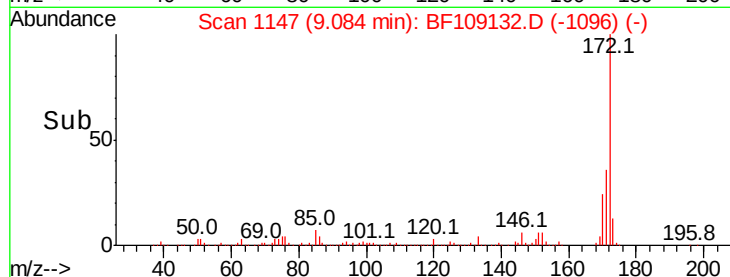
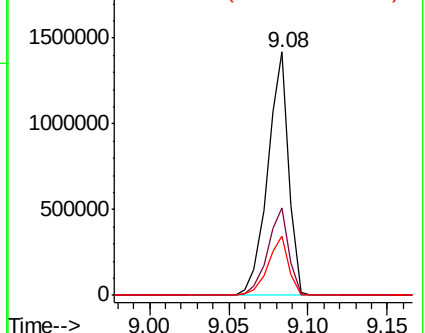
170 24.5 19.6 29.4



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: 53.588 ng

RT: 9.18 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

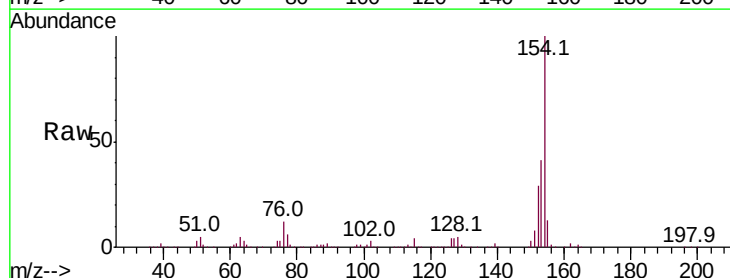
Tgt Ion:154 Resp: 767048

Ion Ratio Lower Upper

154 100

153 40.8 21.3 61.3

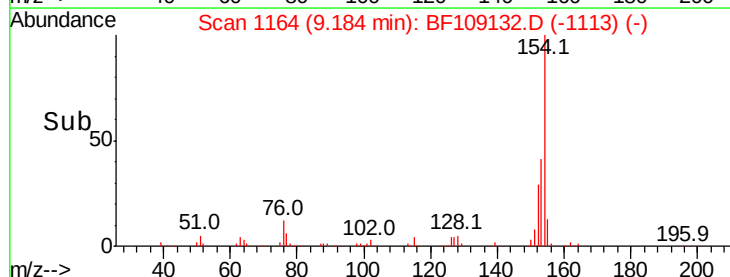
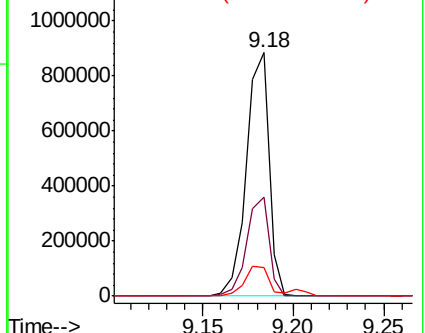
76 11.7 0.0 34.0

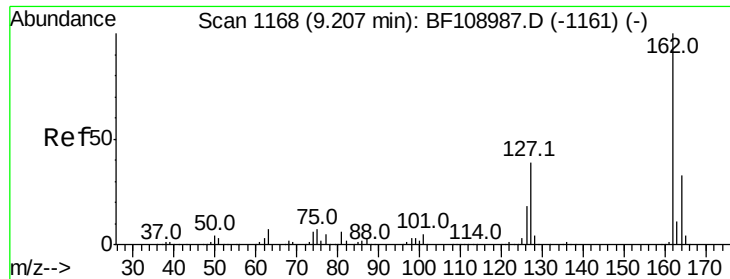


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

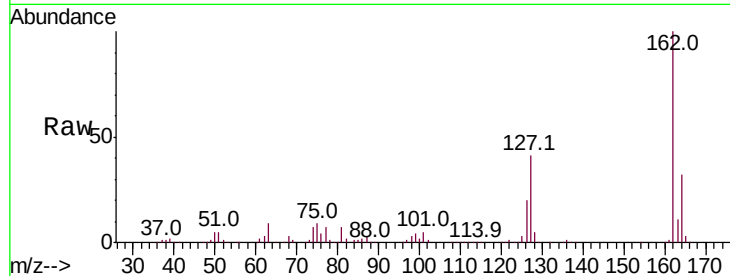




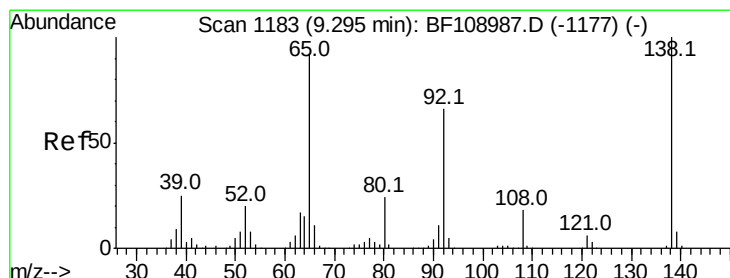
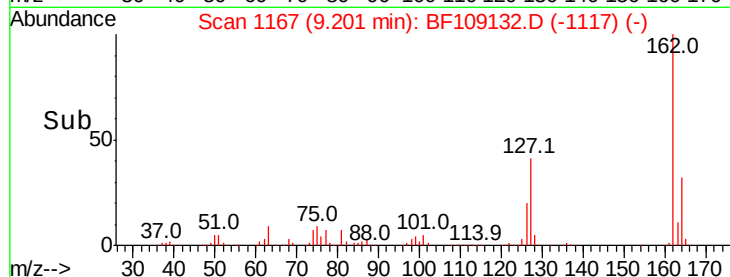
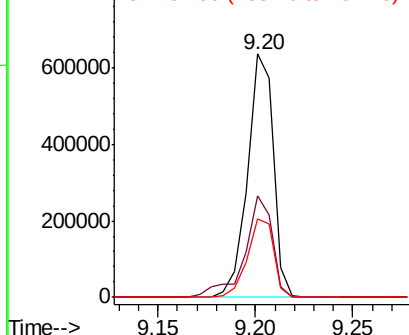
#46
 2-Chloronaphthalene
 Concen: 50.861 ng
 RT: 9.20 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF109132.D
 Acq: 19 Sep 2018 8:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 583033
 Ion Ratio Lower Upper
 162 100
 127 41.5 33.9 50.9
 164 32.4 26.5 39.7

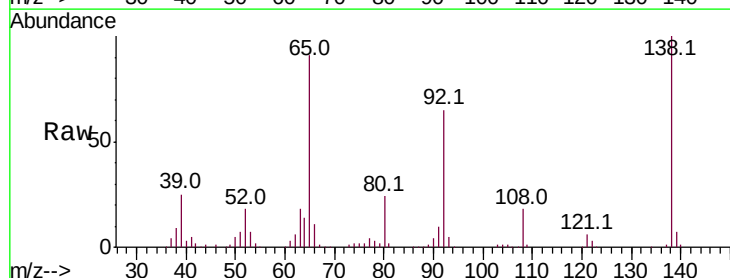


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

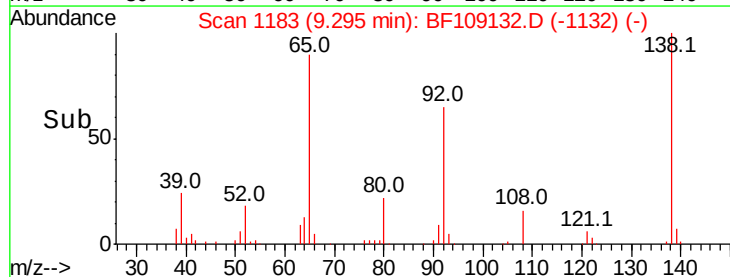
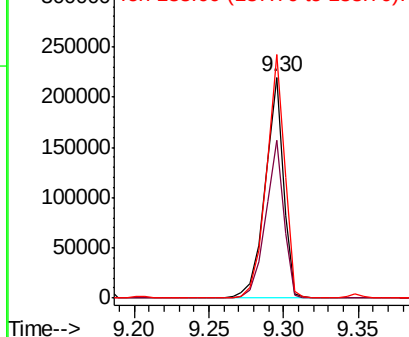


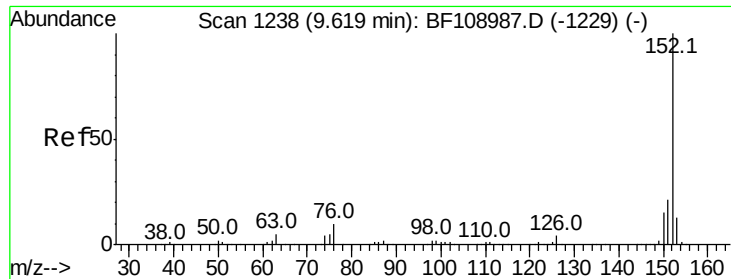
#47
 2-Nitroaniline
 Concen: 52.300 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF109132.D
 Acq: 19 Sep 2018 8:17

Tgt Ion: 65 Resp: 184310
 Ion Ratio Lower Upper
 65 100
 92 71.7 55.8 83.6
 138 110.2 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: 53.174 ng

RT: 9.62 min Scan# 1238

Delta R.T. 0.00 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

Instrument :

BNA_F

ClientSampleId :

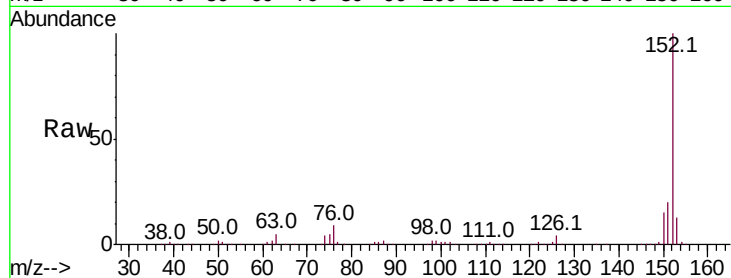
Tot Ion:152 Resp: 919027

Ion Ratio Lower Upper

152 100

151 20.1 16.3 24.5

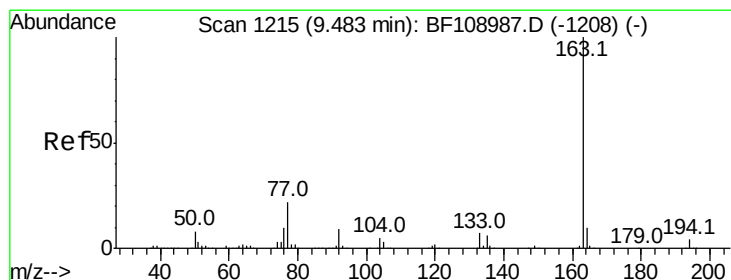
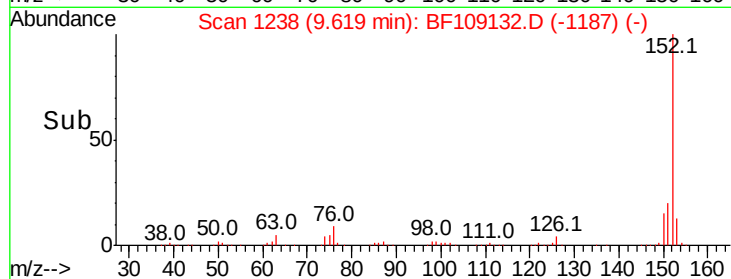
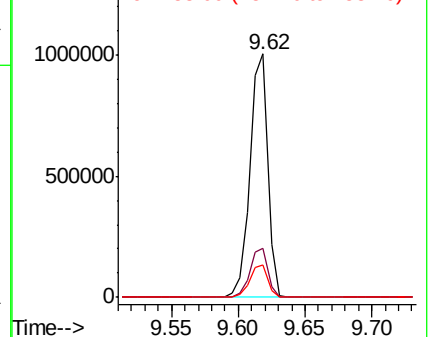
153 13.2 10.7 16.1



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: 54.048 ng

RT: 9.48 min Scan# 1215

Delta R.T. 0.00 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

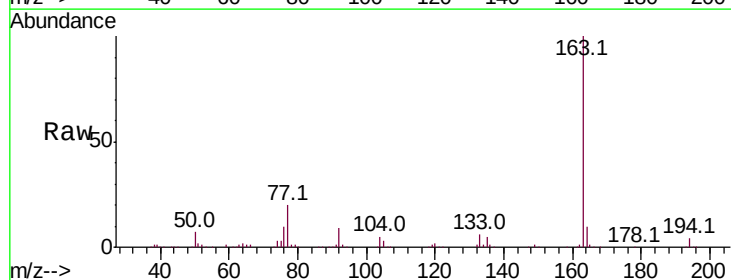
Tgt Ion:163 Resp: 691143

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

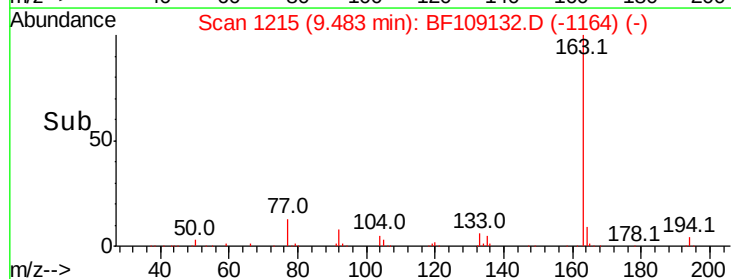
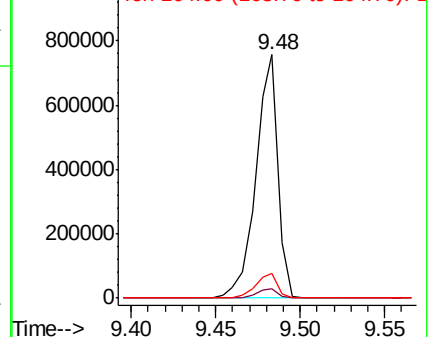
164 9.9 8.2 12.2

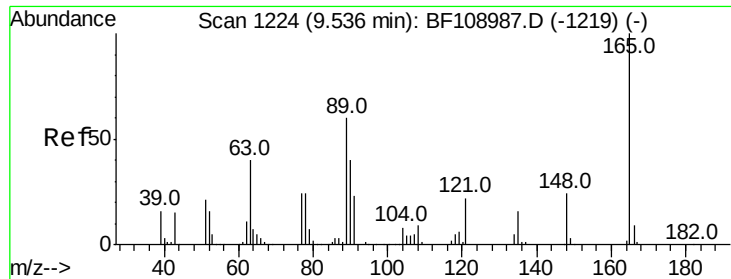


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

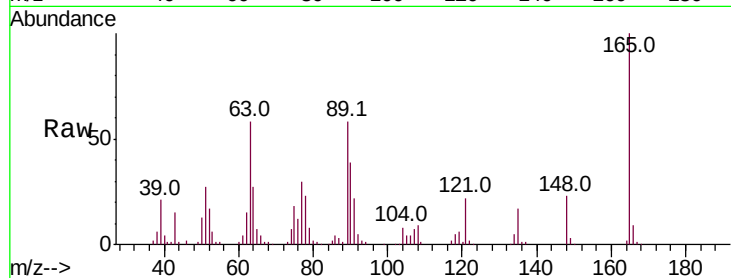




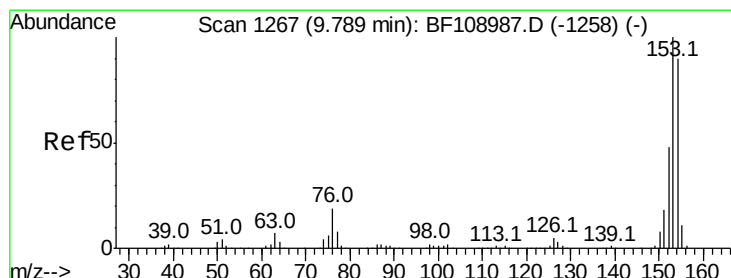
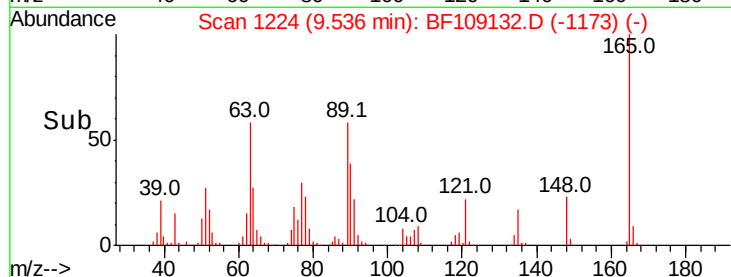
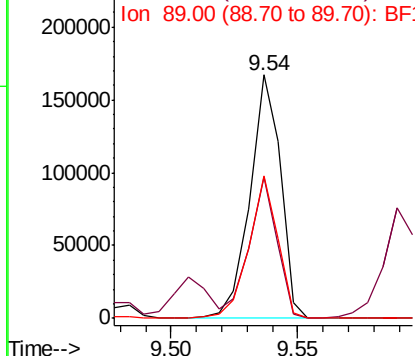
#50
2,6-Dinitrotoluene
Concen: 49.665 ng
RT: 9.54 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 140844
Ion Ratio Lower Upper
165 100
63 57.9 44.7 67.1
89 58.4 44.0 66.0

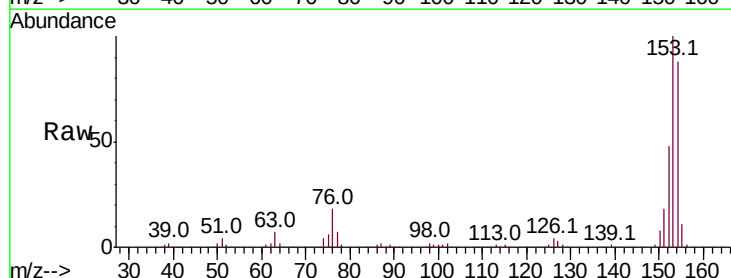


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

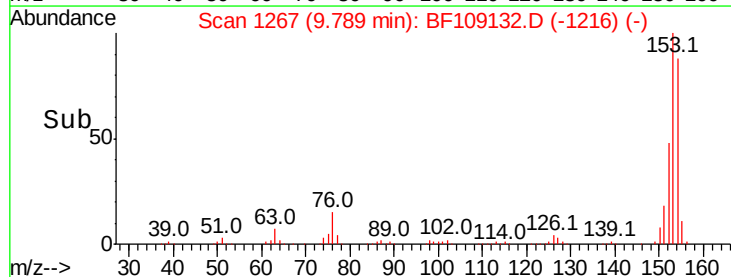
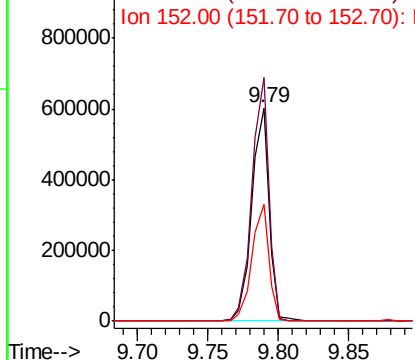


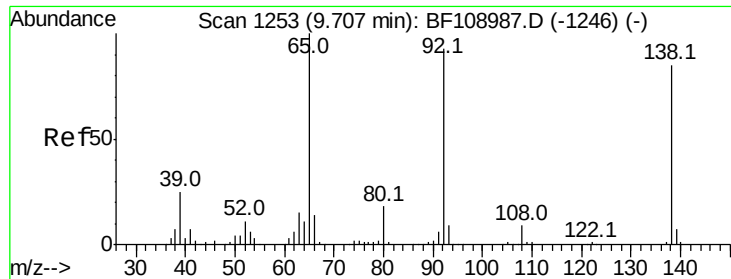
#51
Acenaphthene
Concen: 48.386 ng
RT: 9.79 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Tgt Ion:154 Resp: 520743
Ion Ratio Lower Upper
154 100
153 114.0 91.2 136.8
152 54.9 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

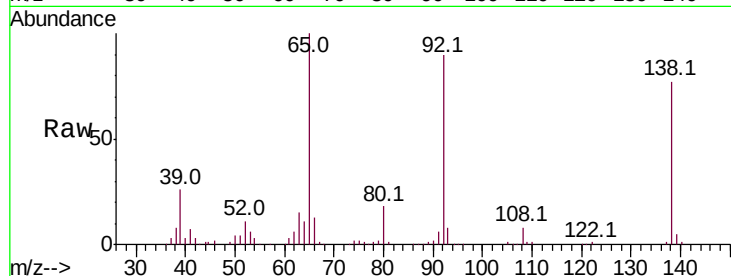




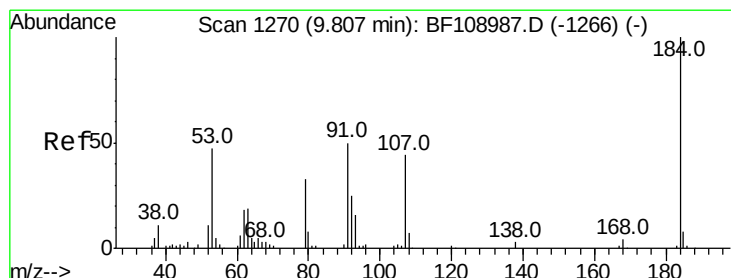
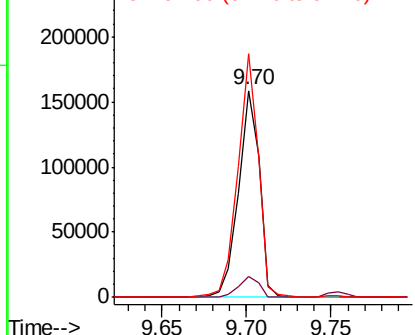
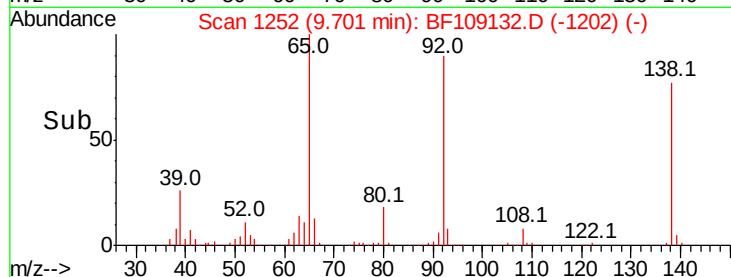
#52
3-Nitroaniline
Concen: 40.980 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 136845
Ion Ratio Lower Upper
138 100
108 10.1 9.4 14.0
92 117.9 89.4 134.2

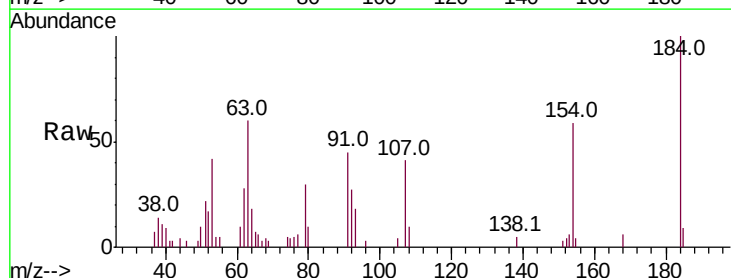


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

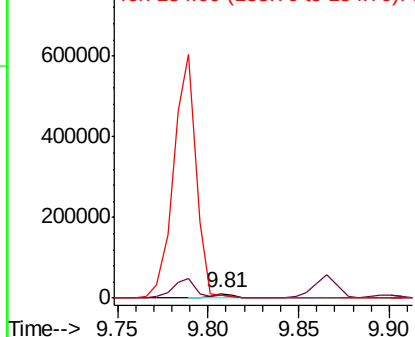
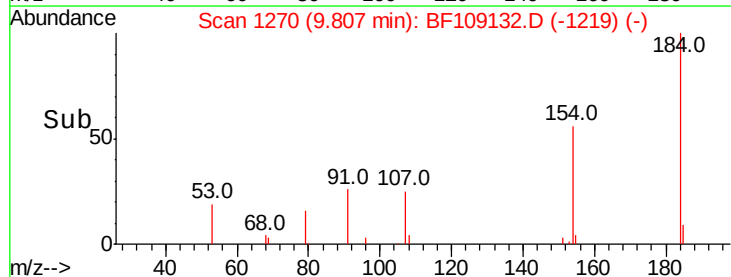


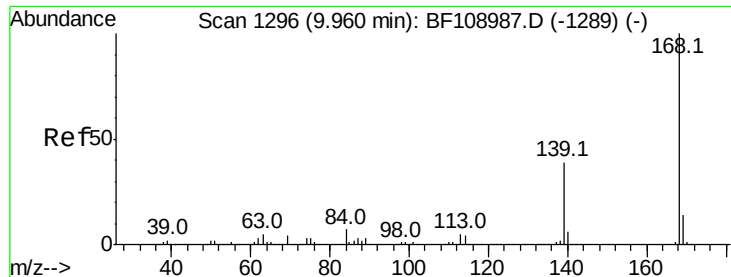
#53
2,4-Dinitrophenol
Concen: 8.840 ng
RT: 9.81 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Tgt Ion:184 Resp: 9661
Ion Ratio Lower Upper
184 100
63 59.9 54.2 81.2
154 59.3 184.0 276.0#



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

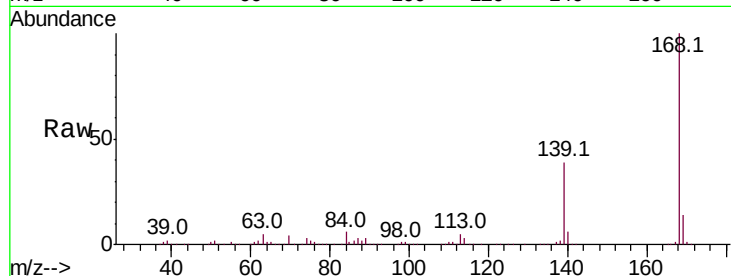




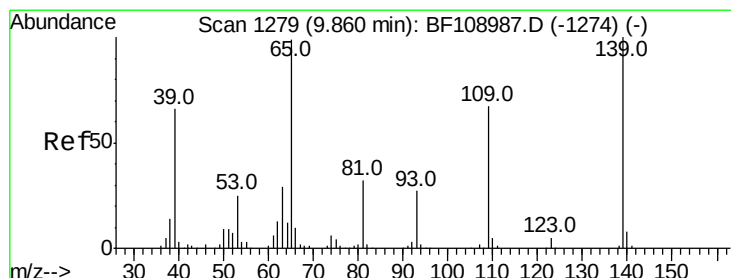
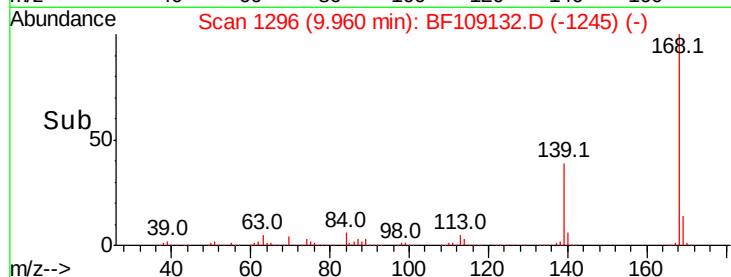
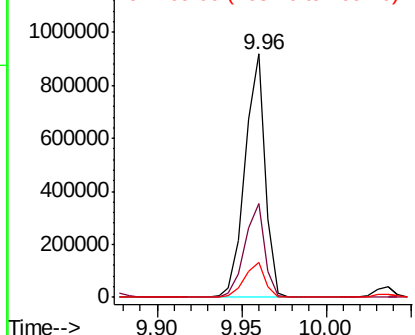
#54
Dibenzenofuran
Concen: 49.116 ng
RT: 9.96 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 763871
Ion Ratio Lower Upper
168 100
139 38.5 30.1 45.1
169 14.4 10.9 16.3

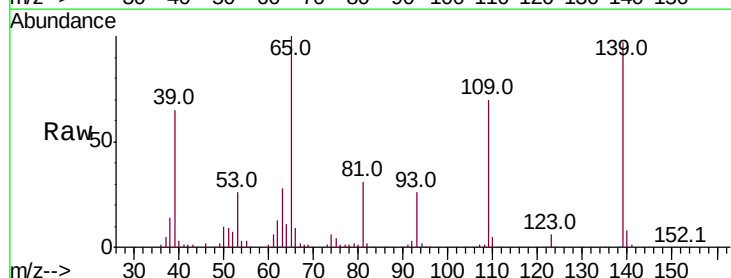


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

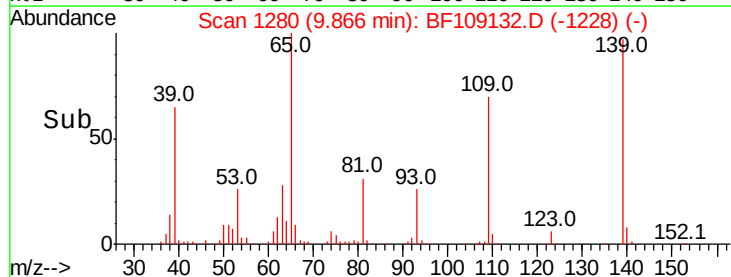
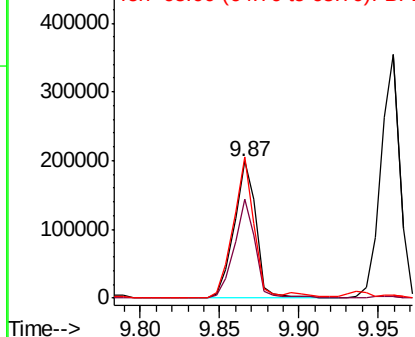


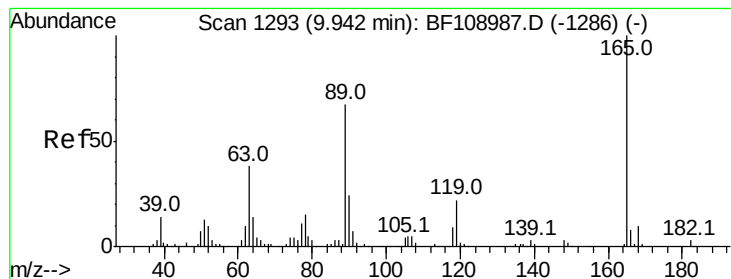
#55
4-Nitrophenol
Concen: 78.222 ng
RT: 9.87 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Tgt Ion:139 Resp: 192449
Ion Ratio Lower Upper
139 100
109 72.1 48.4 88.4
65 103.1 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: 46.140 ng

RT: 9.94 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 171121

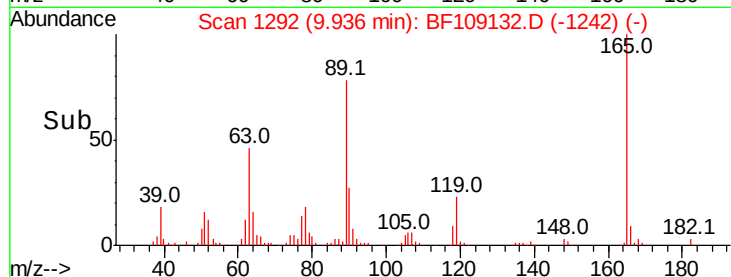
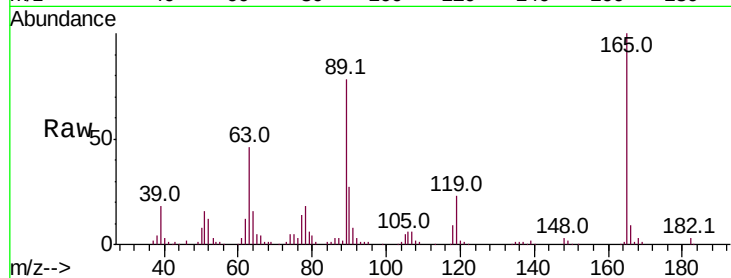
Ion Ratio Lower Upper

165 100

63 45.5 36.4 54.6

89 77.5 57.8 86.6

182 2.8 1.6 2.4#

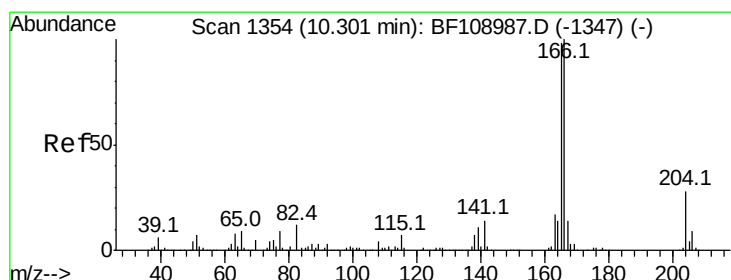
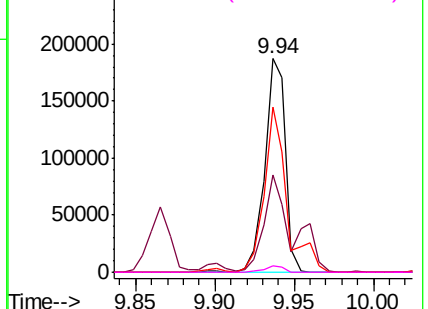


Abundance Ion 165.00 (164.70 to 165.70): E

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: 53.414 ng

RT: 10.30 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

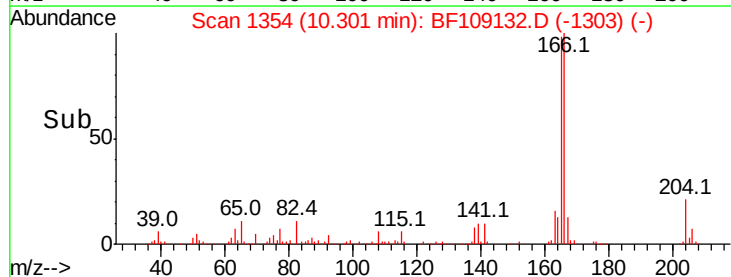
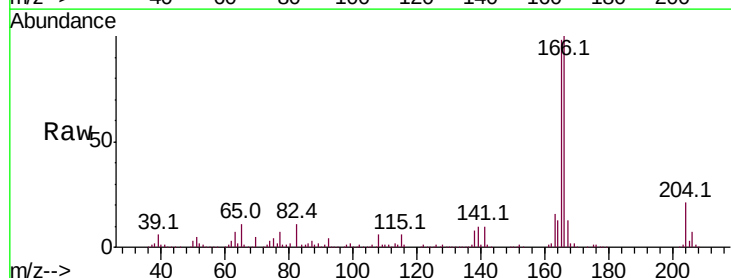
Tgt Ion:166 Resp: 553594

Ion Ratio Lower Upper

166 100

165 97.7 79.8 119.8

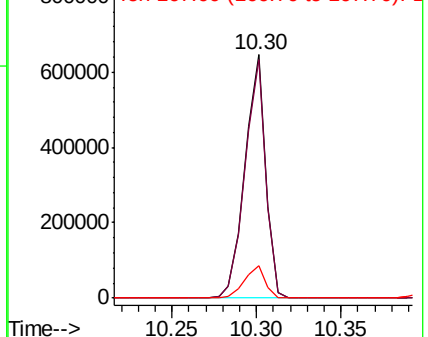
167 13.3 10.6 16.0

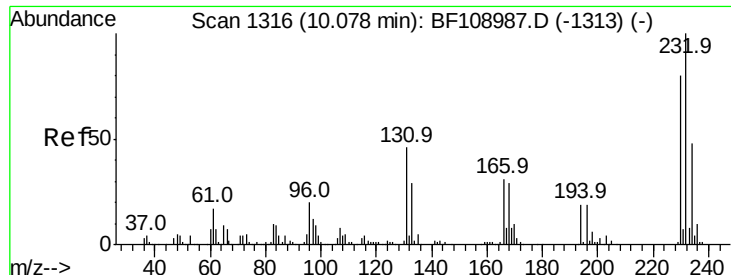


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

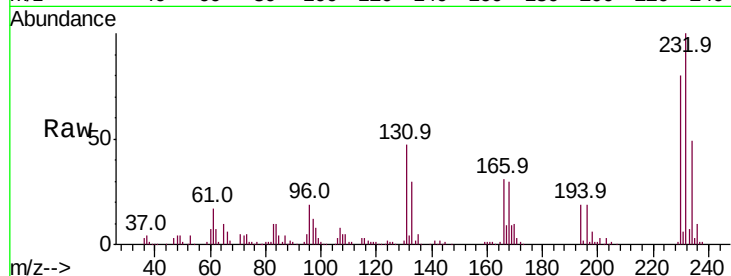




#58
2,3,4,6-Tetrachlorophenol
Concen: 46.005 ng
RT: 10.08 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.4	43.8	65.8
130	2.2	2.1	3.1
166	29.6	27.8	41.6



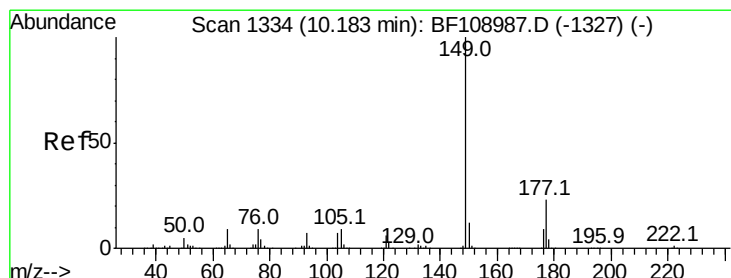
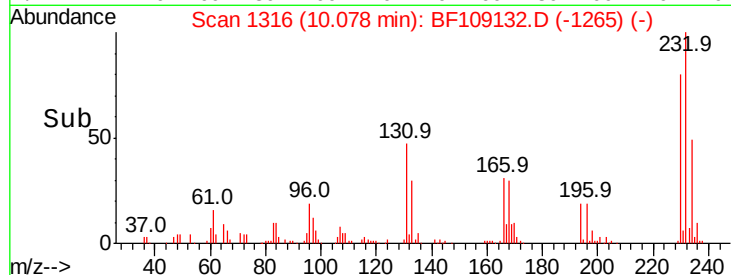
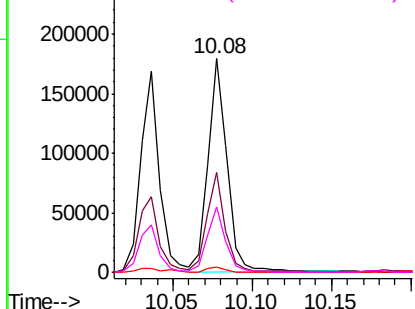
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

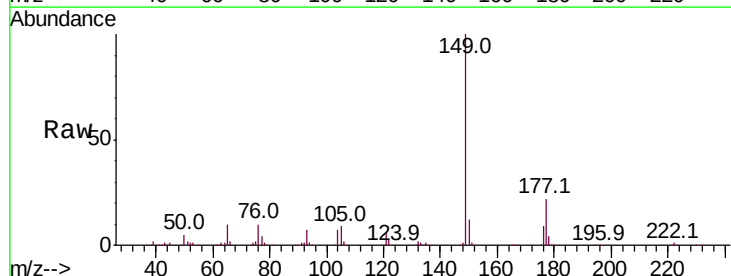
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59
Diethylphthalate
Concen: 51.382 ng
RT: 10.18 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.1	24.1
150	12.4	10.1	15.1

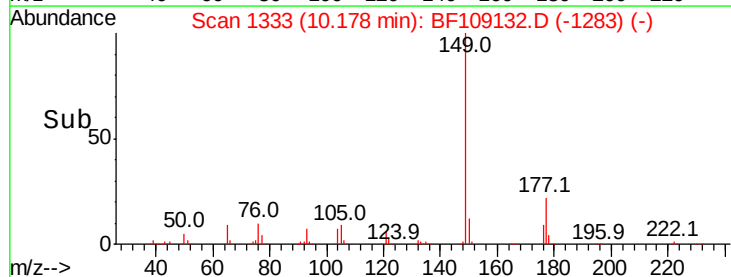
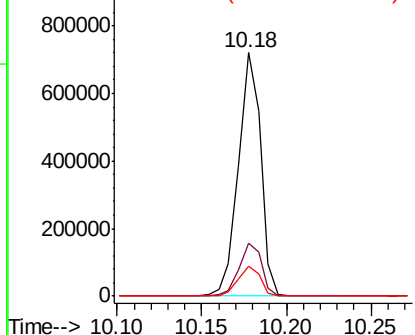


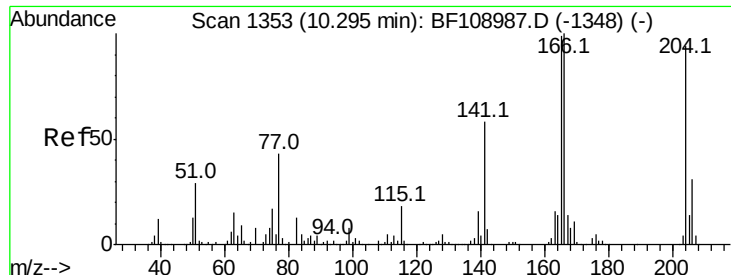
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

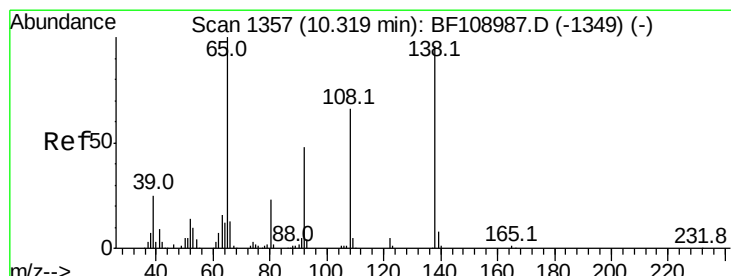
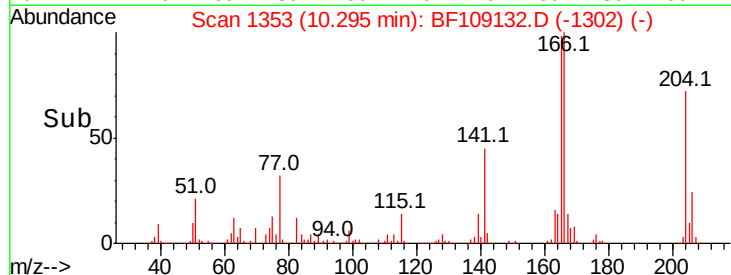
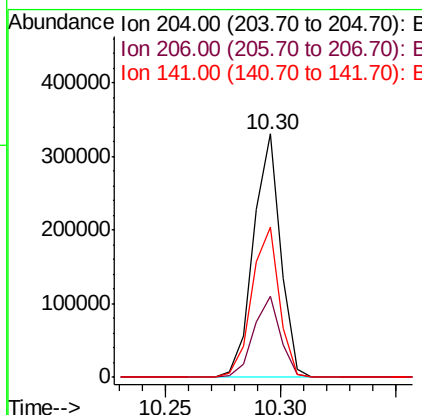
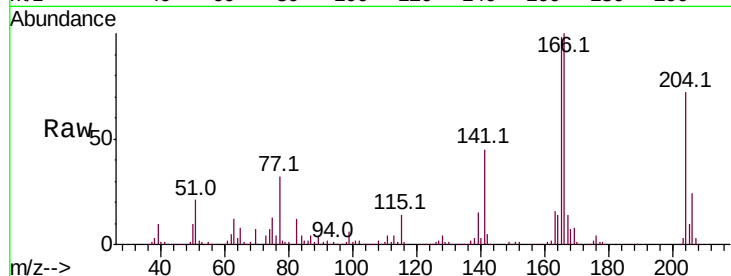




#60
 4-Chlorophenyl-phenylether
 Concen: 48.728 ng
 RT: 10.30 min Scan# 1353
 Delta R.T. 0.00 min
 Lab File: BF109132.D
 Acq: 19 Sep 2018 8:17

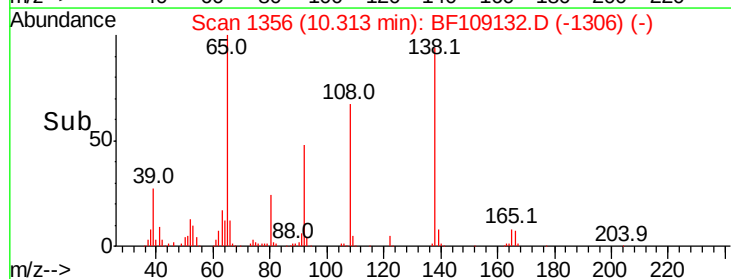
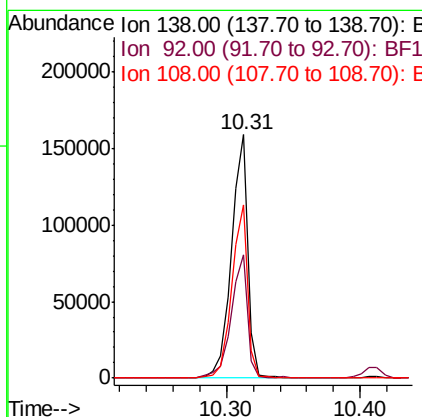
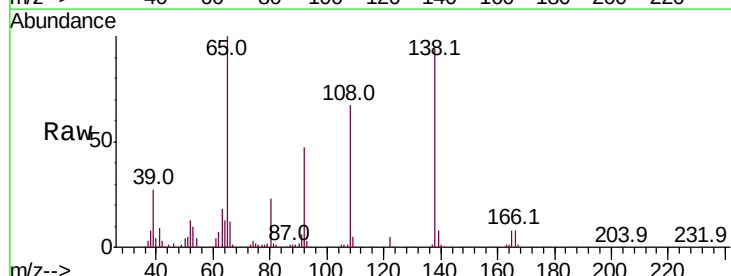
Instrument :
 BNA_F
 ClientSampled :

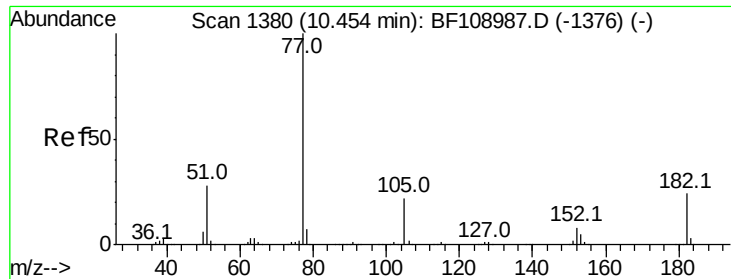
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	61.5	54.6	81.8



#61
 4-Nitroaniline
 Concen: 43.811 ng
 RT: 10.31 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BF109132.D
 Acq: 19 Sep 2018 8:17

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.5	30.2	70.2
108	71.2	52.5	92.5





#62

Azobenzene

Concen: 46.883 ng

RT: 10.45 min Scan# 1380

Delta R.T. 0.00 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 619715

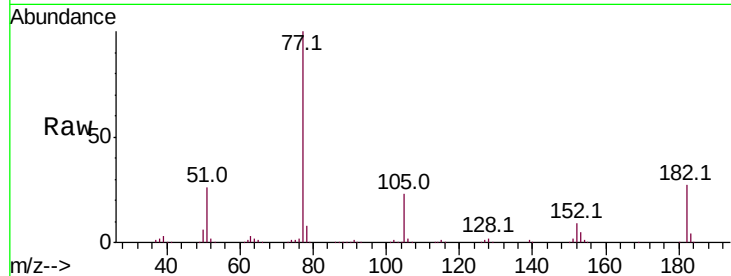
Ion Ratio Lower Upper

77 100

182 27.4 1.7 41.7

105 22.7 3.0 43.0

51 26.4 9.9 49.9

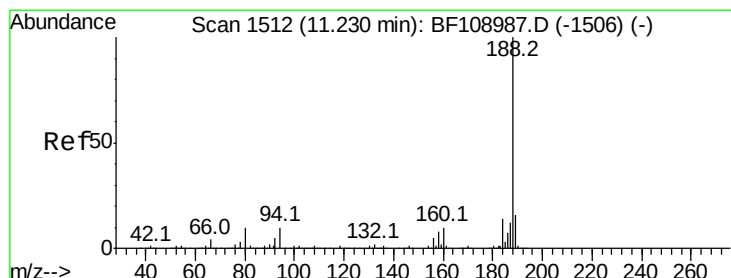
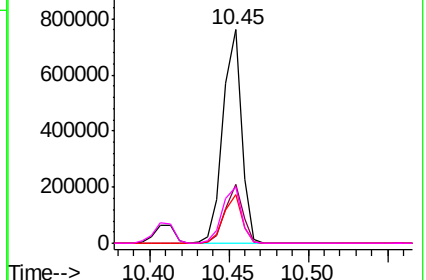
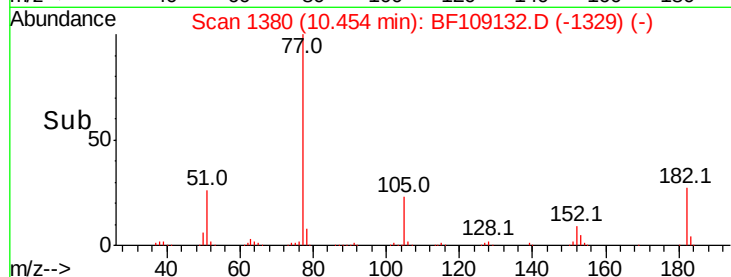


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

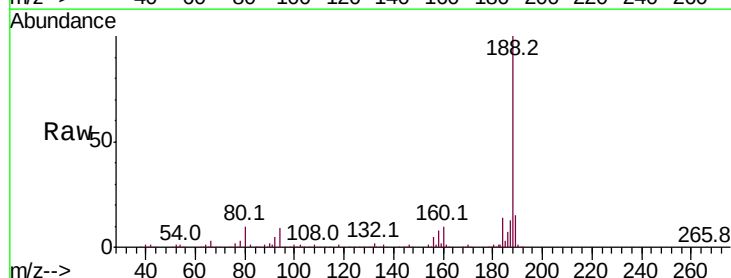
Tgt Ion: 188 Resp: 297824

Ion Ratio Lower Upper

188 100

94 9.5 8.5 12.7

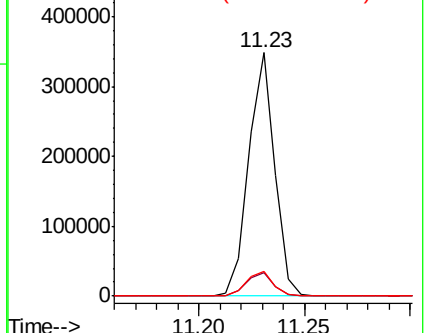
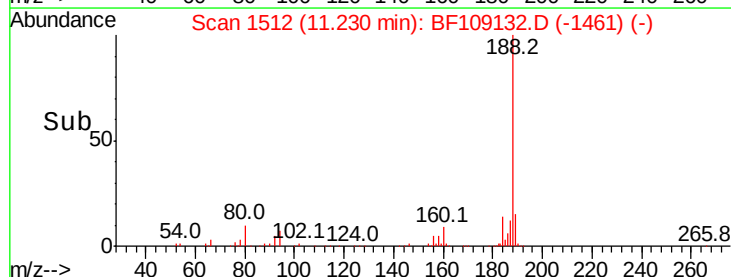
80 10.0 9.2 13.8

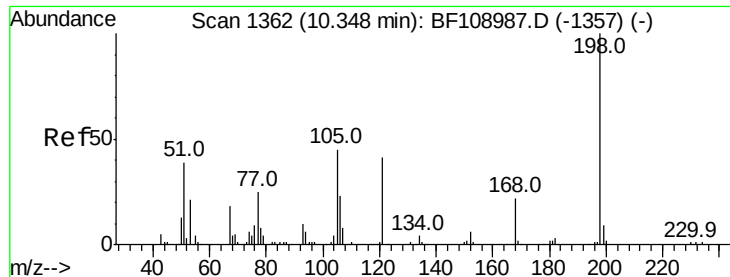


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

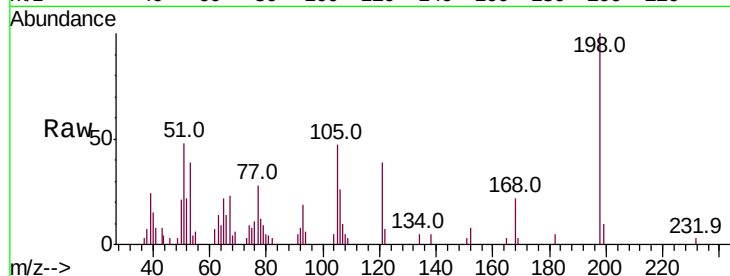




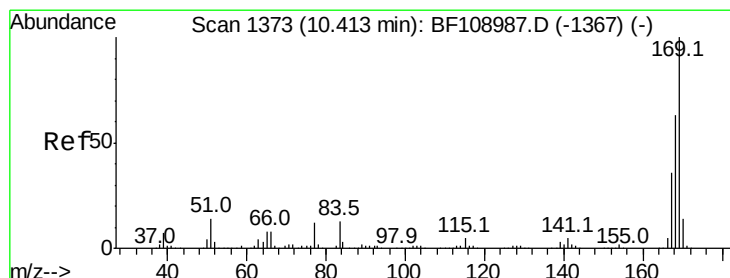
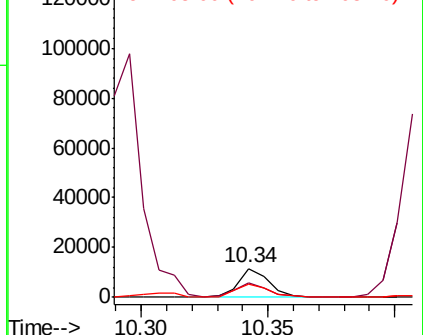
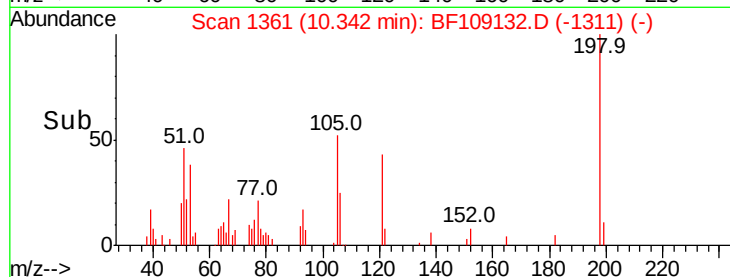
#64
4,6-Dinitro-2-methylphenol
Concen: 6.880 ng
RT: 10.34 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 9804
Ion Ratio Lower Upper
198 100
51 48.4 37.7 77.7
105 47.3 36.3 76.3

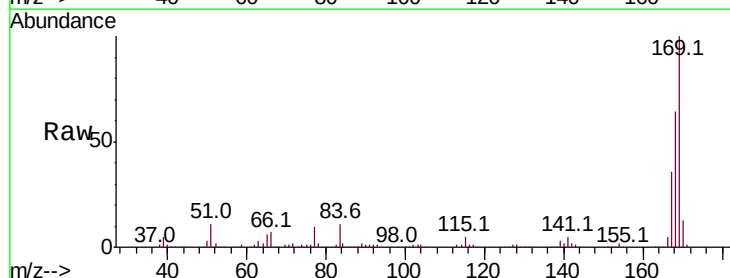


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

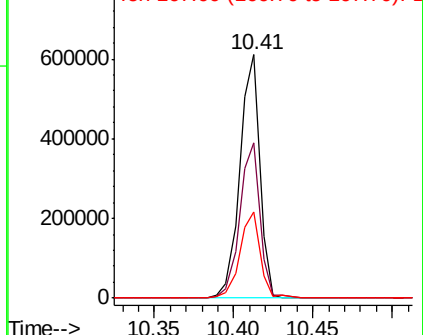
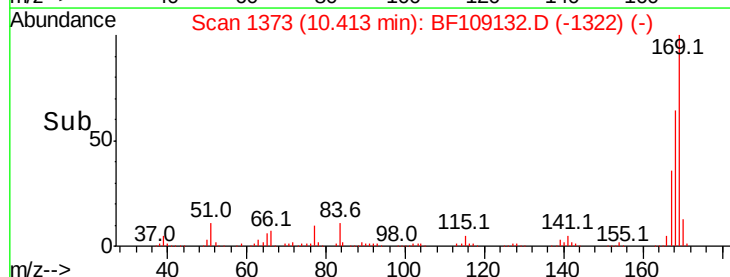


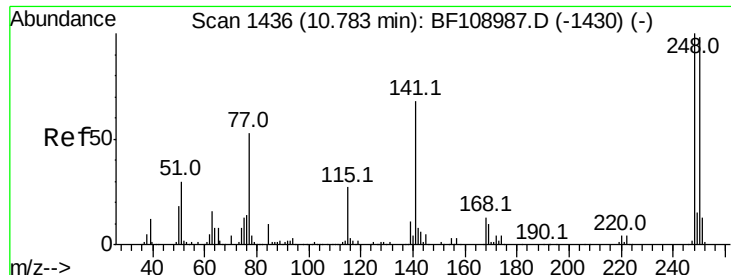
#65
n-Nitrosodiphenylamine
Concen: 54.704 ng
RT: 10.41 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Tgt Ion:169 Resp: 532923
Ion Ratio Lower Upper
169 100
168 63.8 54.4 81.6
167 35.6 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

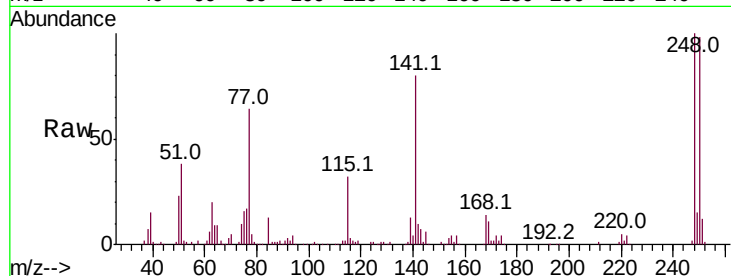




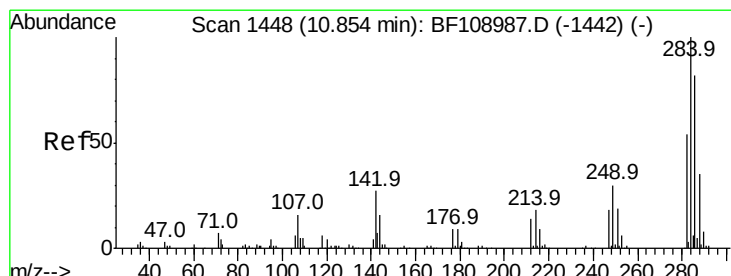
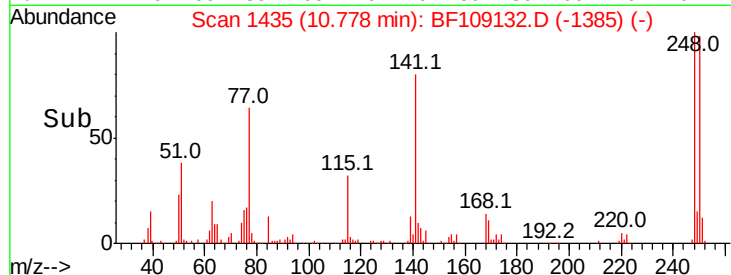
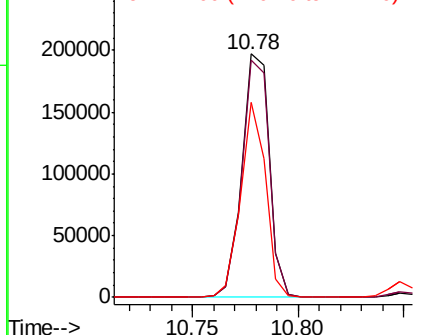
#66
 4-Bromophenyl-phenylether
 Concen: 52.691 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109132.D
 Acq: 19 Sep 2018 8:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 176915
 Ion Ratio Lower Upper
 248 100
 250 97.6 76.9 115.3
 141 80.1 74.4 111.6

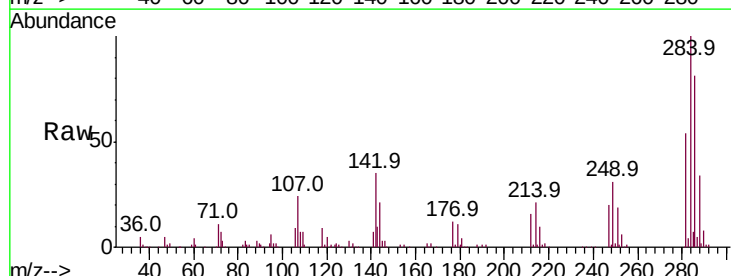


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

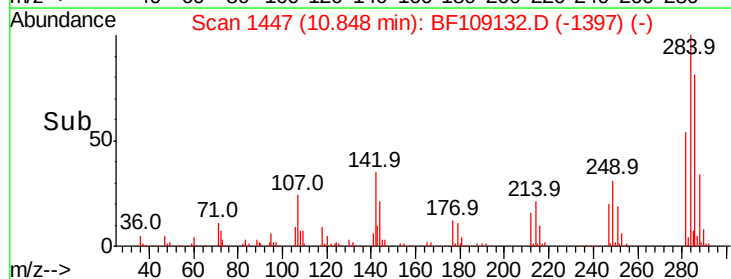
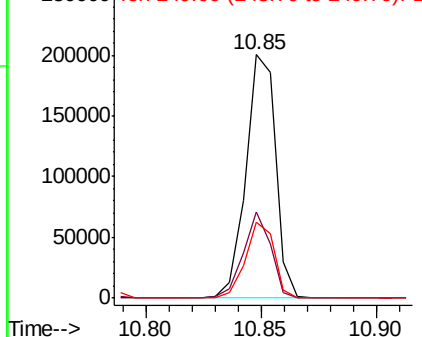


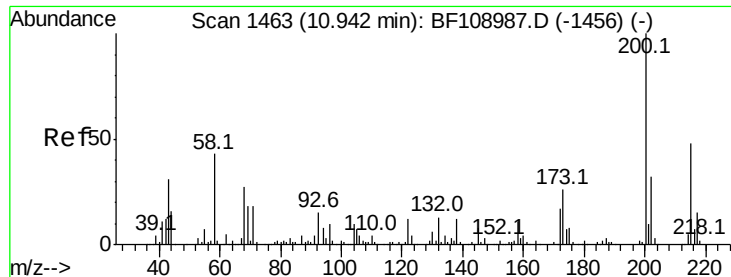
#67
 Hexachlorobenzene
 Concen: 50.431 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF109132.D
 Acq: 19 Sep 2018 8:17

Tgt Ion:284 Resp: 181119
 Ion Ratio Lower Upper
 284 100
 142 35.5 34.6 52.0
 249 31.4 24.8 37.2



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

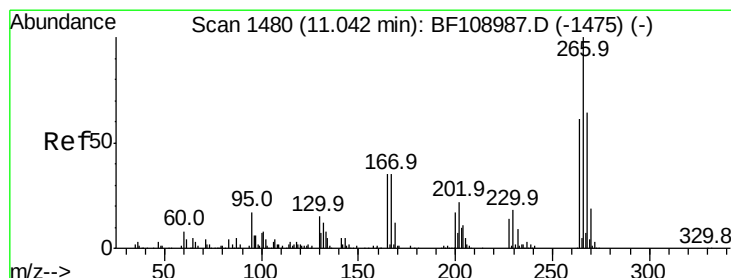
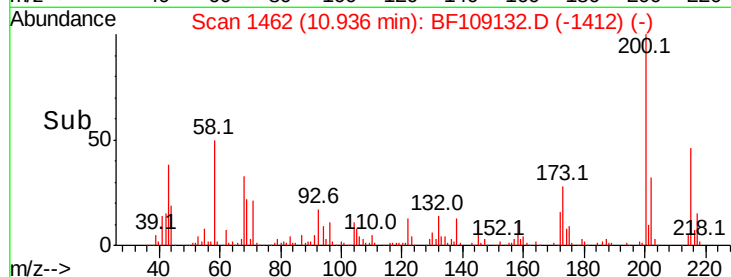
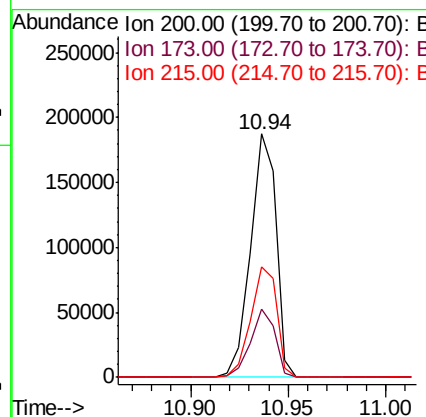
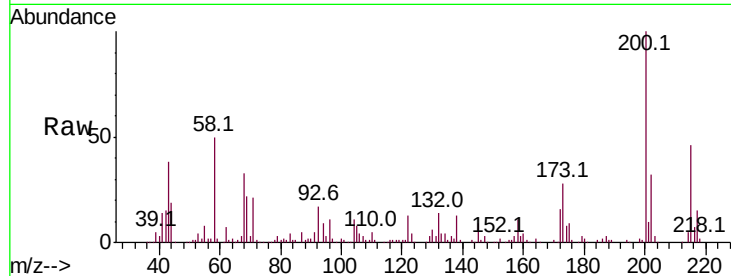




#68
Atrazine
Concen: 54.748 ng
RT: 10.94 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

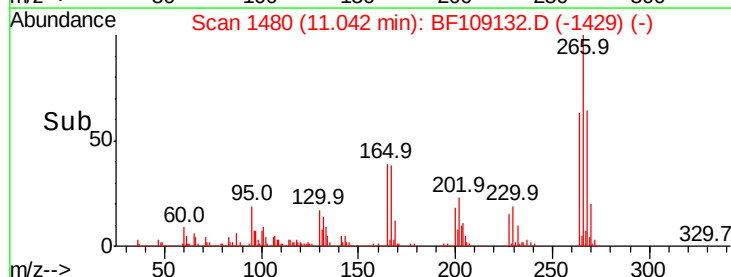
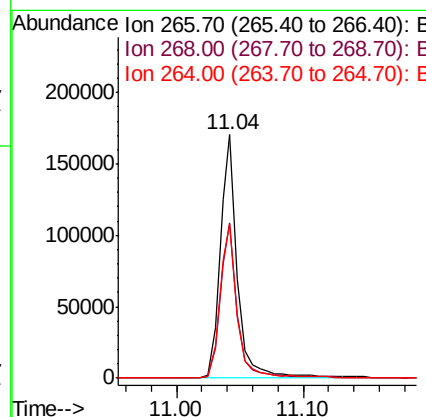
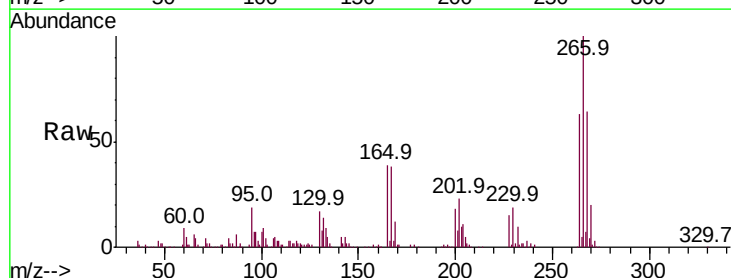
Instrument :
BNA_F
ClientSampled :

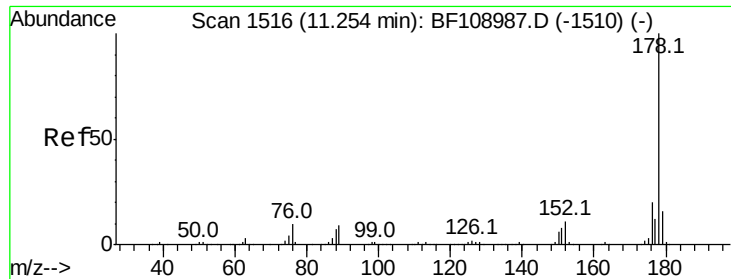
Tot Ion:200 Resp: 170735
Ion Ratio Lower Upper
200 100
173 28.0 8.6 48.6
215 45.6 25.1 65.1



#69
Pentachlorophenol
Concen: 70.817 ng
RT: 11.04 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Tgt Ion:266 Resp: 162719
Ion Ratio Lower Upper
266 100
268 64.0 51.1 76.7
264 63.1 49.5 74.3

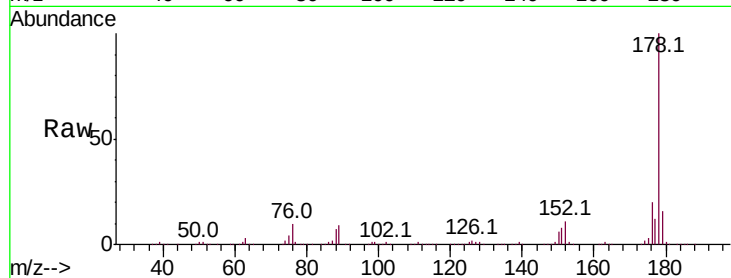




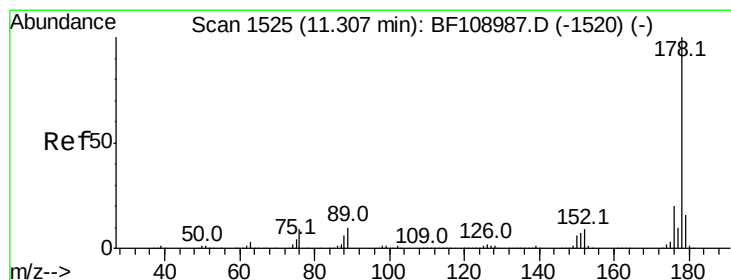
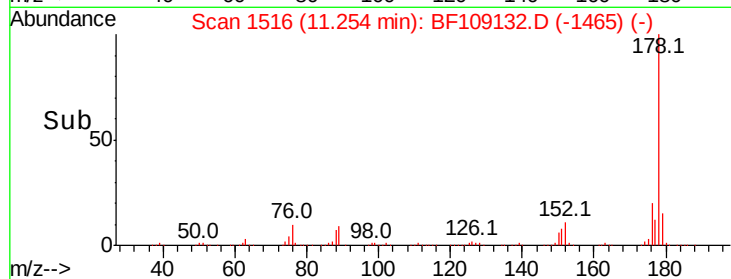
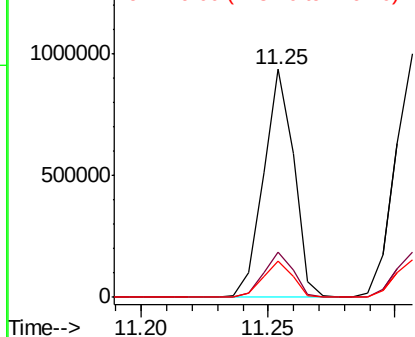
#70
Phenanthrene
Concen: 53.639 ng
RT: 11.25 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.8	13.0	19.6

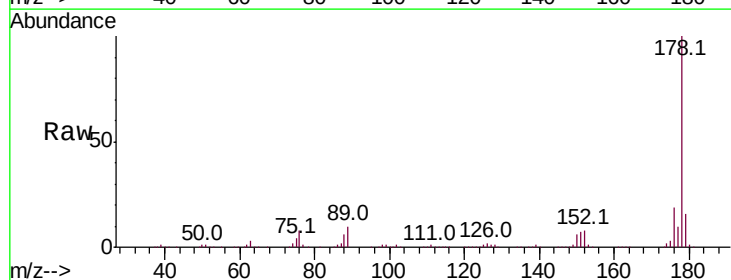


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

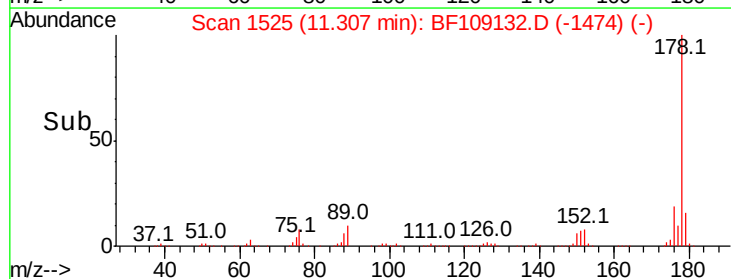
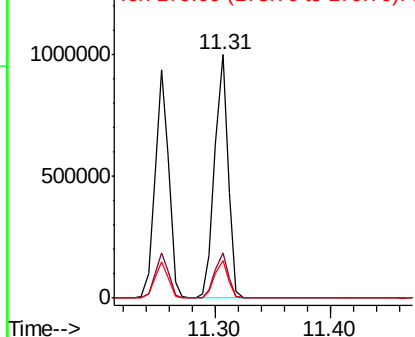


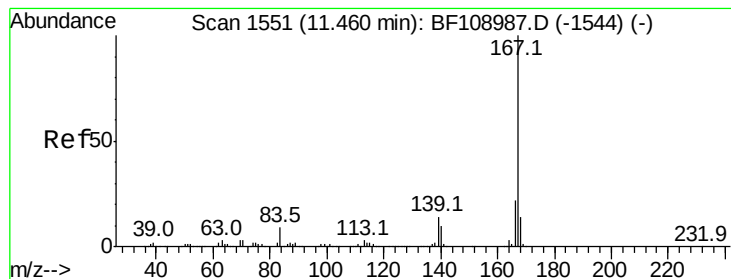
#71
Anthracene
Concen: 55.066 ng
RT: 11.31 min Scan# 1525
Delta R.T. 0.00 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.7	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: 49.837 ng

RT: 11.46 min Scan# 1551

Delta R.T. 0.00 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

Instrument :

BNA_F

ClientSampleId :

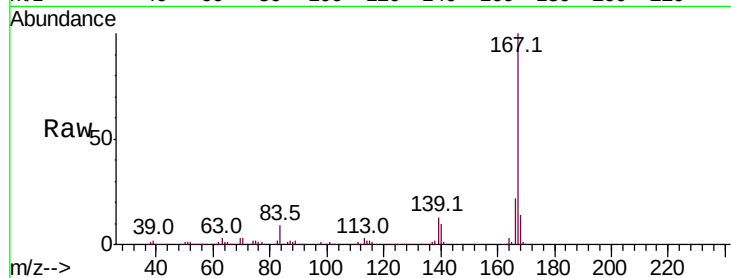
Tot Ion:167 Resp: 730110

Ion Ratio Lower Upper

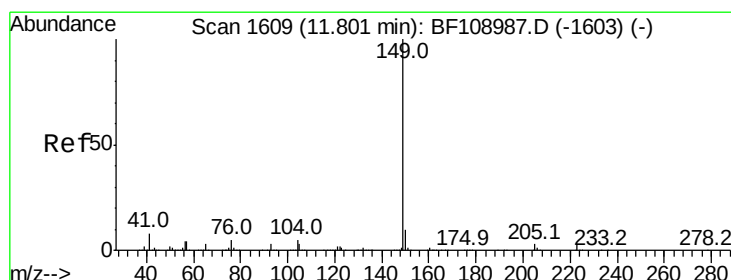
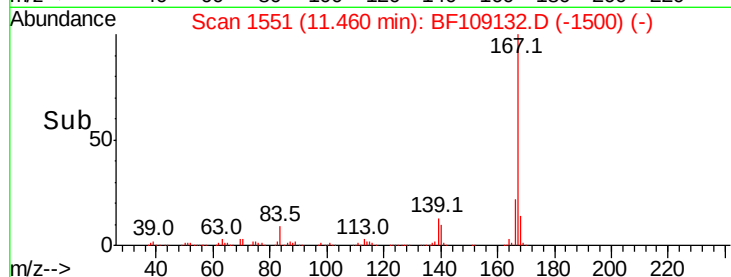
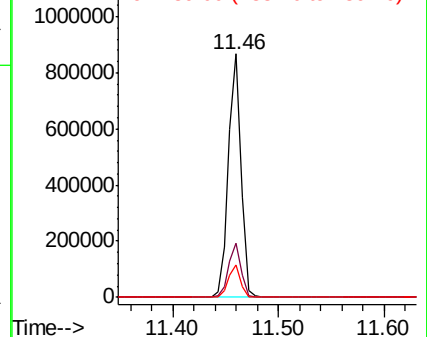
167 100

166 22.5 17.6 26.4

139 13.1 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: 53.090 ng

RT: 11.80 min Scan# 1609

Delta R.T. 0.00 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

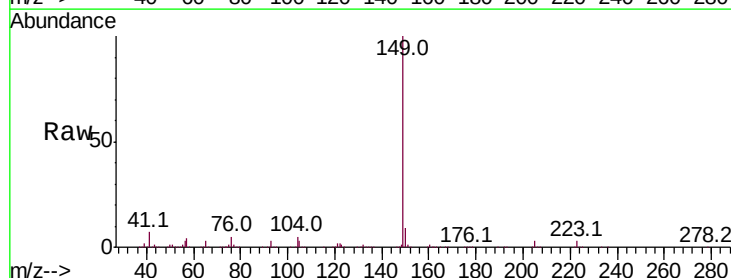
Tgt Ion:149 Resp: 910435

Ion Ratio Lower Upper

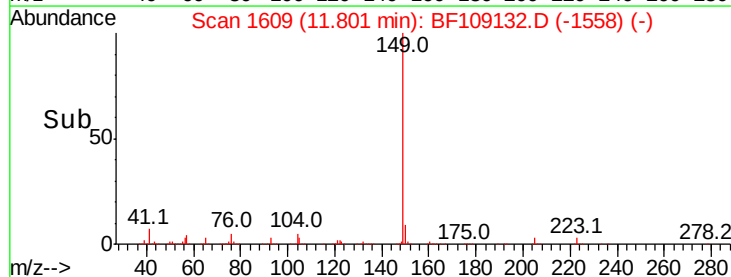
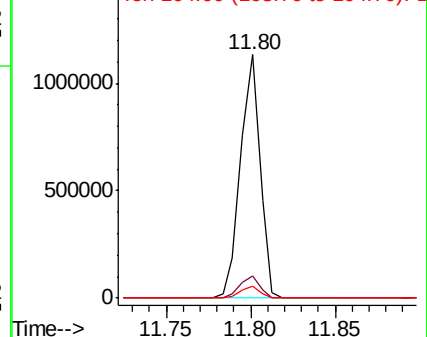
149 100

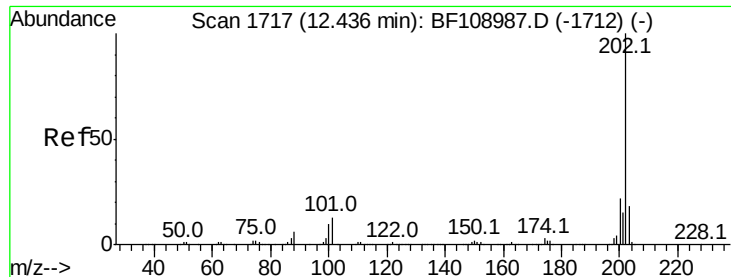
150 9.3 7.8 11.6

104 4.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 56.597 ng

RT: 12.44 min Scan# 1717

Delta R.T. 0.00 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

Instrument :

BNA_F

ClientSampleId :

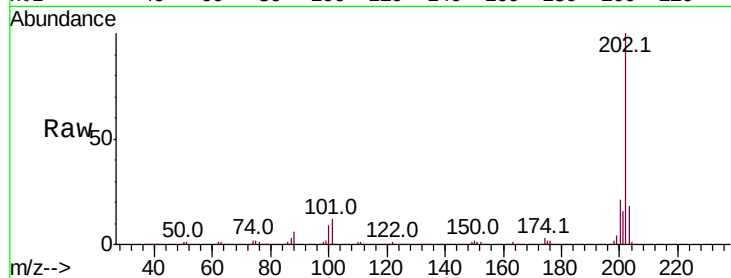
Tot Ion:202 Resp: 872309

Ion Ratio Lower Upper

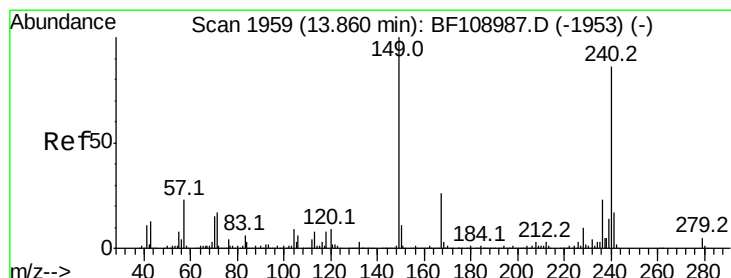
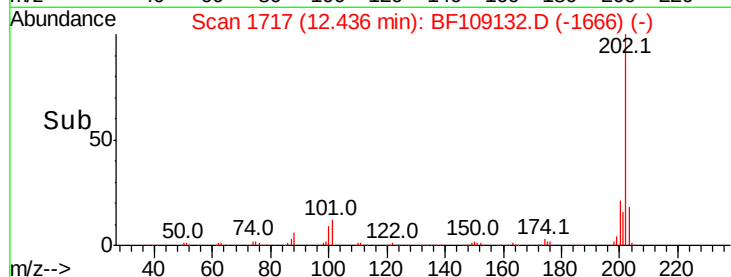
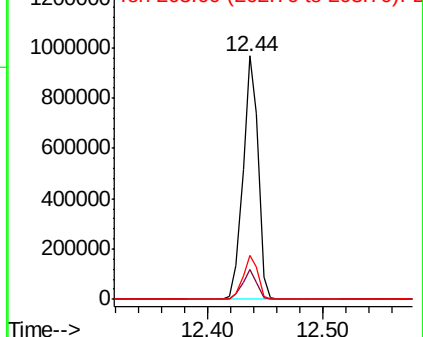
202 100

101 12.4 0.0 34.1

203 18.1 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: 13.86 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

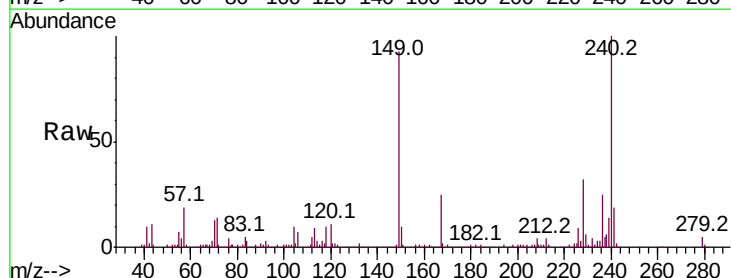
Tgt Ion:240 Resp: 278518

Ion Ratio Lower Upper

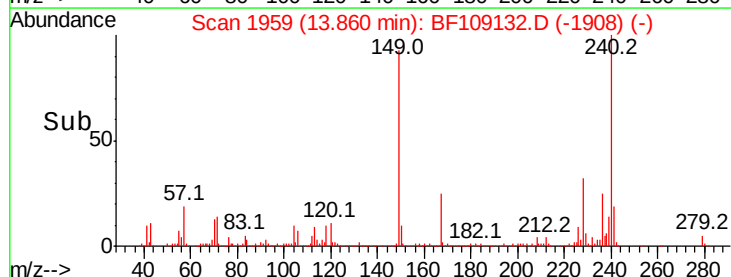
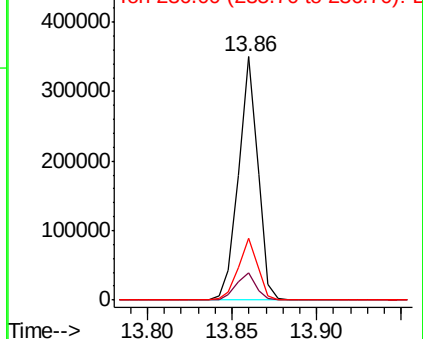
240 100

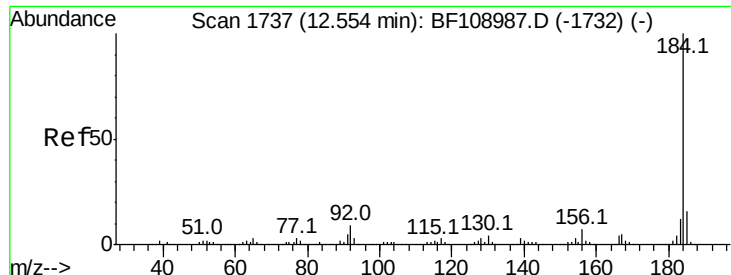
120 11.2 9.5 14.3

236 25.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

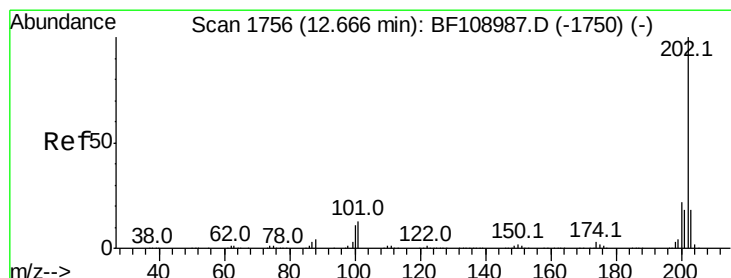
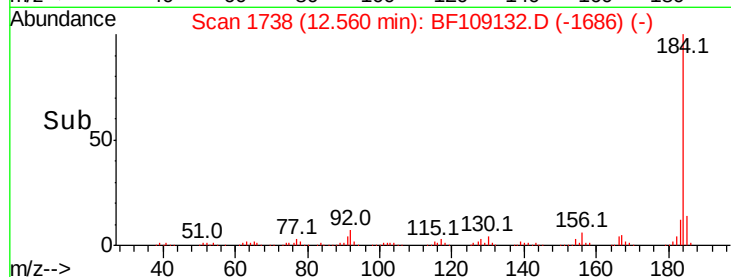
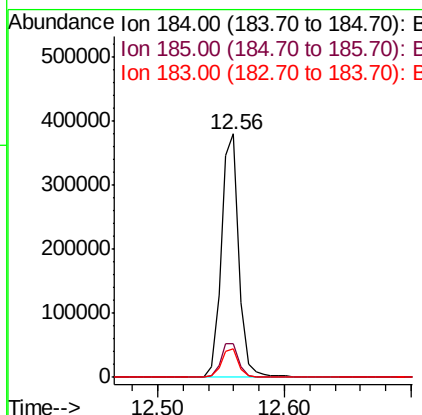
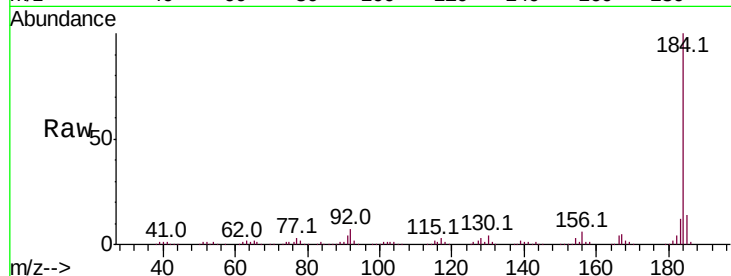




#76
Benzidine
Concen: 37.177 ng
RT: 12.56 min Scan# 1738
Delta R.T. 0.01 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

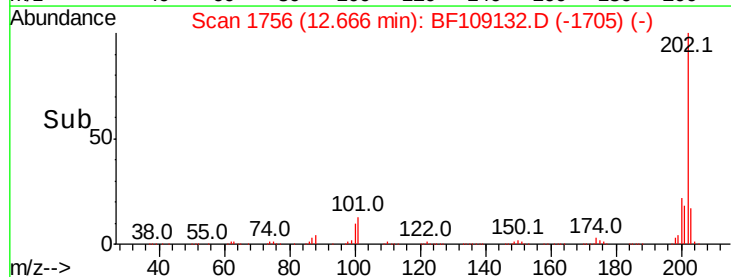
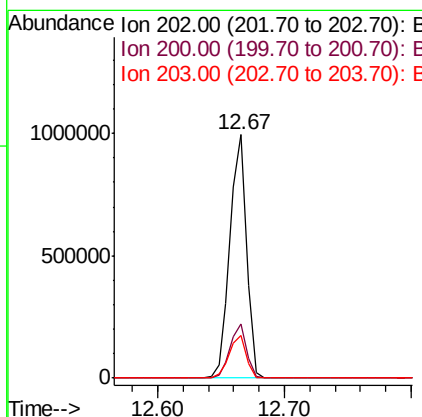
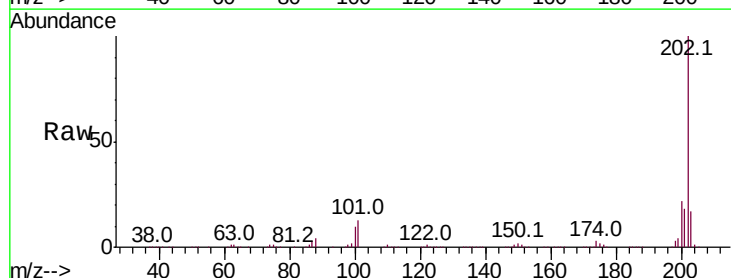
Instrument :
BNA_F
ClientSampled :

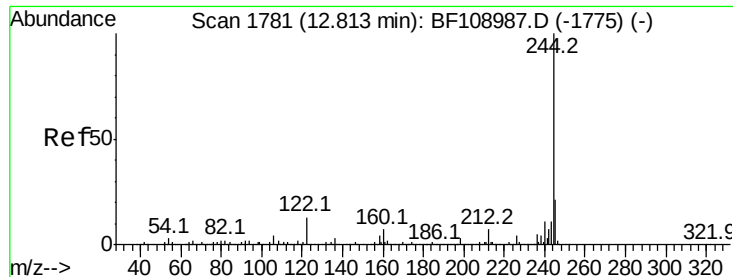
Tot Ion:184 Resp: 366530
Ion Ratio Lower Upper
184 100
185 13.9 12.6 18.8
183 11.6 9.3 13.9



#77
Pyrene
Concen: 43.525 ng
RT: 12.67 min Scan# 1756
Delta R.T. 0.00 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Tgt Ion:202 Resp: 900435
Ion Ratio Lower Upper
202 100
200 22.0 17.4 26.2
203 17.4 14.3 21.5

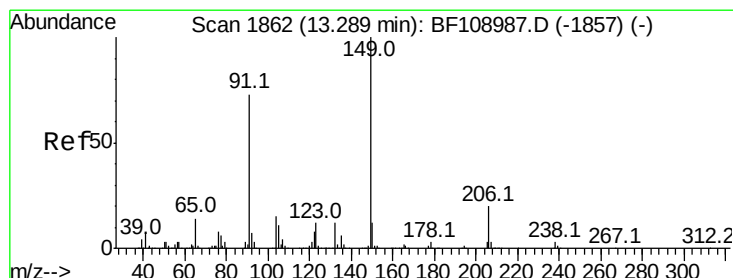
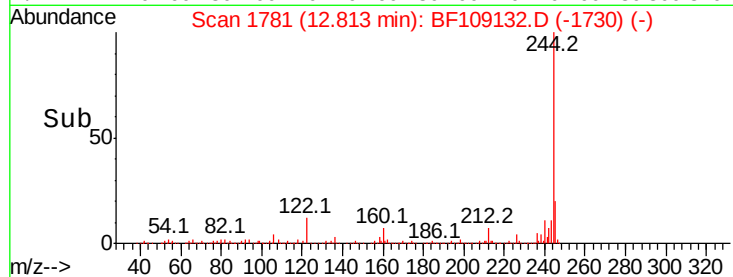
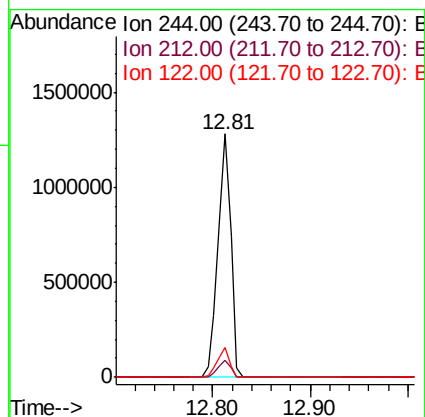
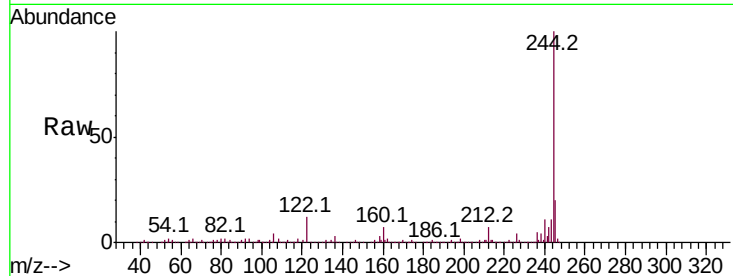




#78
 Terphenyl-d14
 Concen: 100.176 ng
 RT: 12.81 min Scan# 1781
 Delta R.T. 0.00 min
 Lab File: BF109132.D
 Acq: 19 Sep 2018 8:17

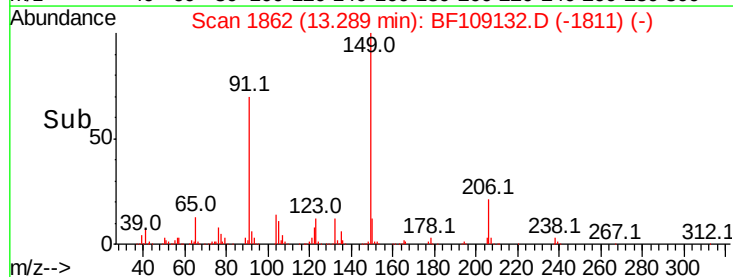
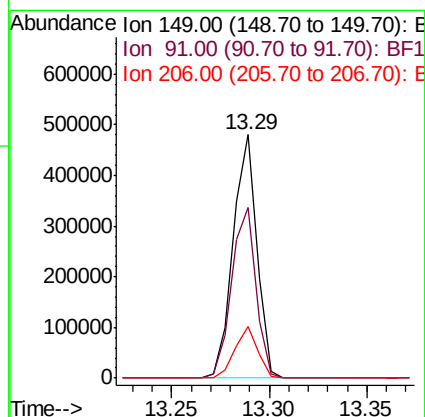
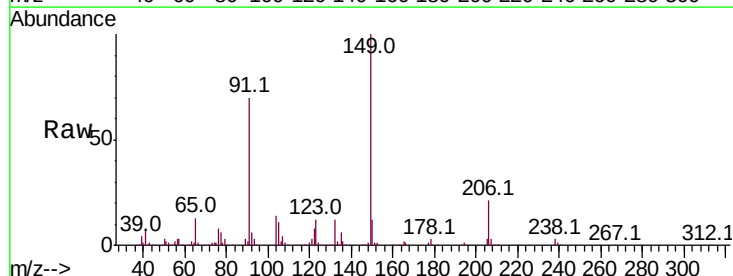
Instrument :
 BNA_F
 ClientSampleId :

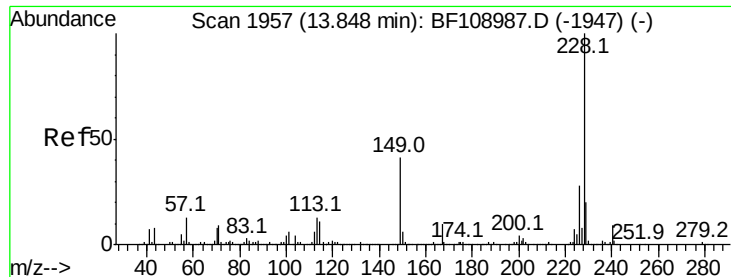
Tot Ion:244 Resp: 1177122
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 12.1 11.0 16.4



#79
 Butylbenzylphthalate
 Concen: 43.927 ng
 RT: 13.29 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: BF109132.D
 Acq: 19 Sep 2018 8:17

Tgt Ion:149 Resp: 405895
 Ion Ratio Lower Upper
 149 100
 91 70.2 56.8 85.2
 206 20.9 14.1 21.1





#80

Benzo(a)anthracene

Concen: 51.369 ng

RT: 13.85 min Scan# 1957

Delta R.T. 0.00 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

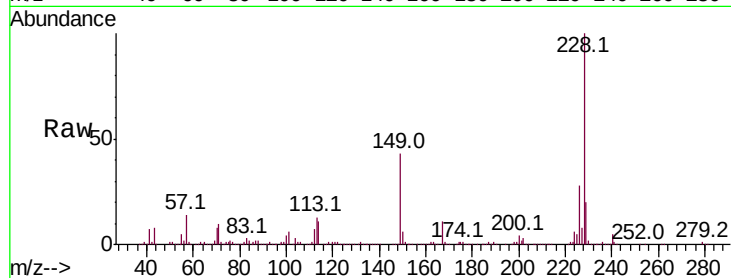
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 866209

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.0	15.8	23.6

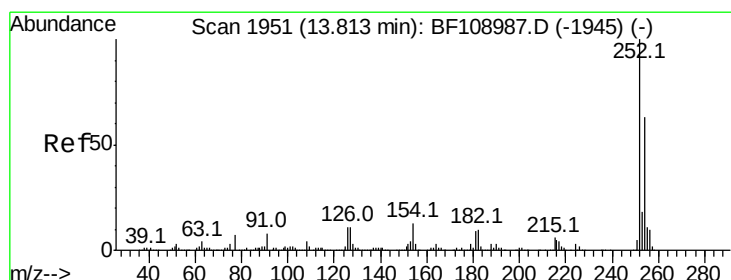
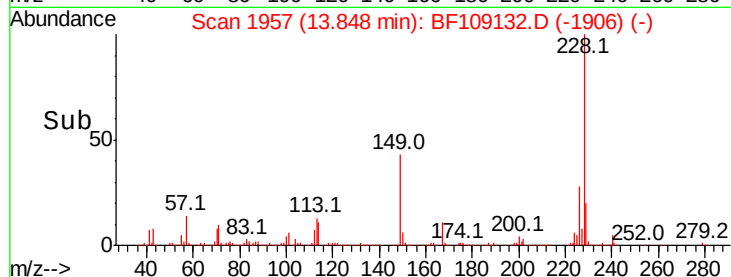
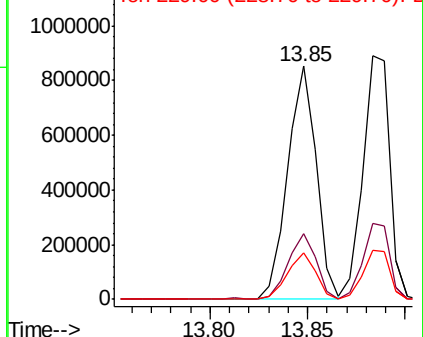


Abundance

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: 40.857 ng

RT: 13.81 min Scan# 1951

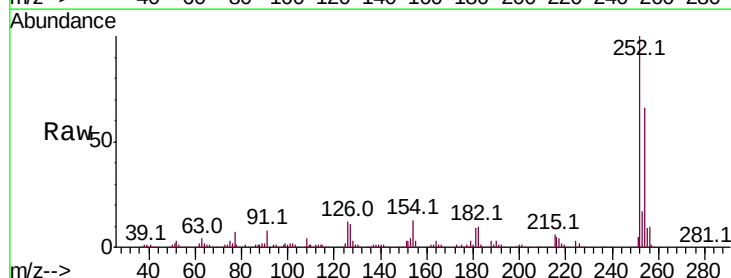
Delta R.T. 0.00 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

Tgt Ion:252 Resp: 278013

Ion	Ratio	Lower	Upper
252	100		
254	65.8	50.4	75.6
126	11.7	11.3	16.9

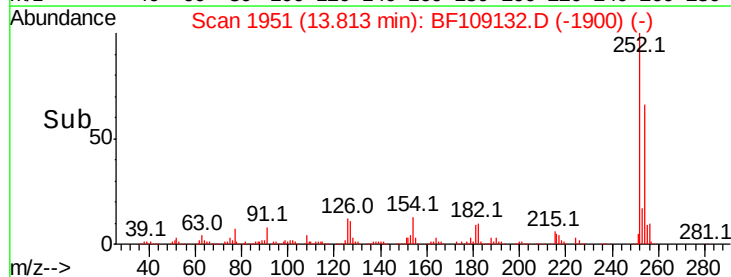
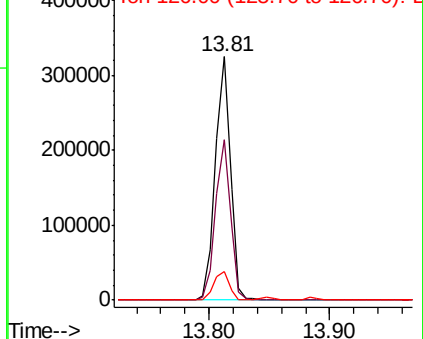


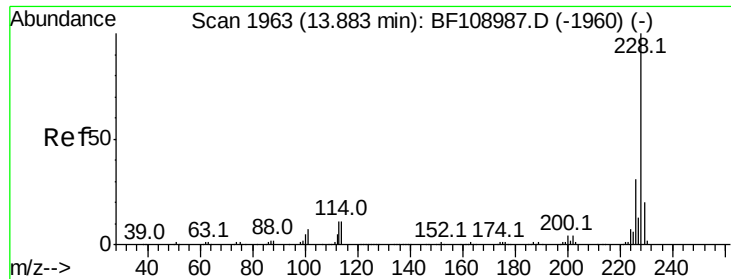
Abundance

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: 50.185 ng

RT: 13.88 min Scan# 1963

Delta R.T. 0.00 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

Instrument :

BNA_F

ClientSampled :

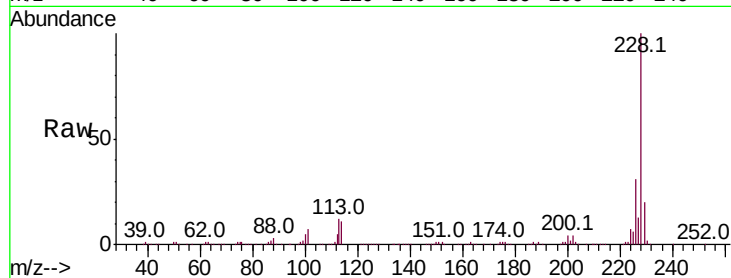
Tot Ion:228 Resp: 846658

Ion Ratio Lower Upper

228 100

226 31.4 25.0 37.6

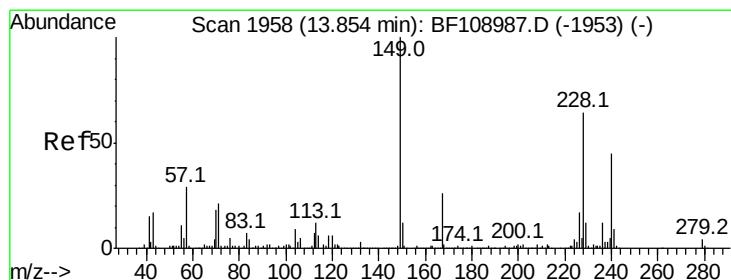
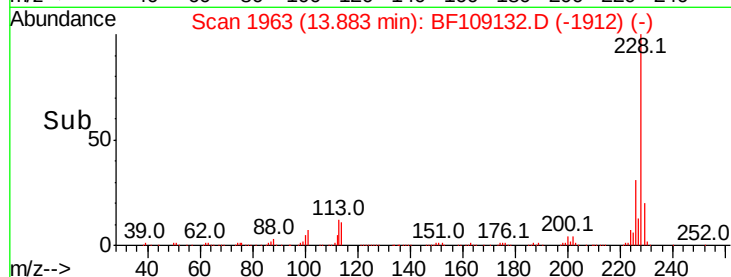
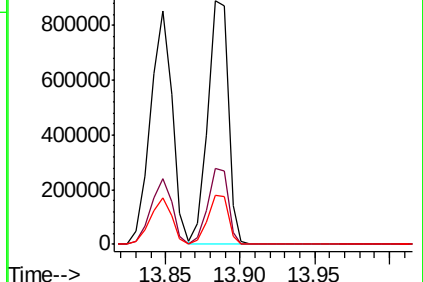
229 20.3 16.2 24.4



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: 46.517 ng

RT: 13.85 min Scan# 1958

Delta R.T. 0.00 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

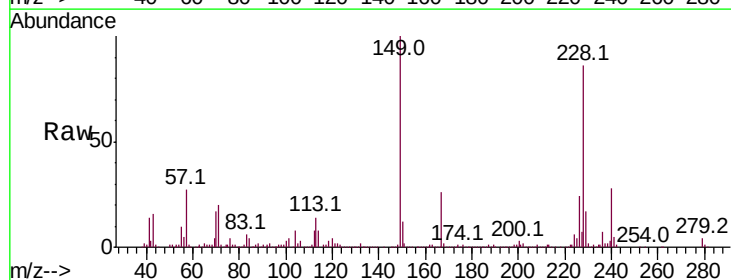
Tgt Ion:149 Resp: 520434

Ion Ratio Lower Upper

149 100

167 26.4 21.3 31.9

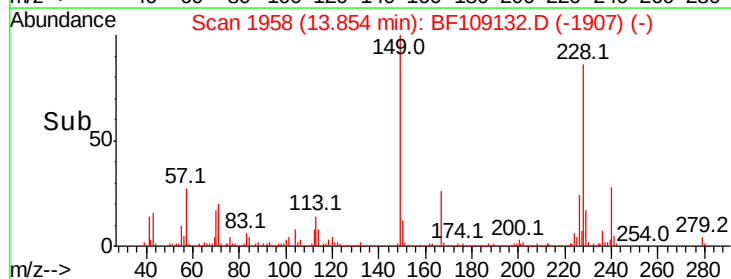
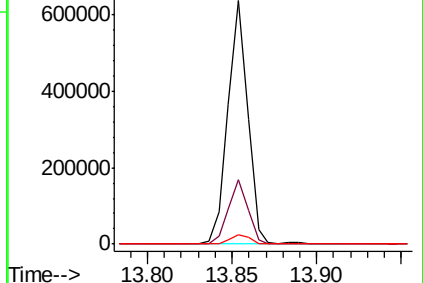
279 3.9 3.0 4.4

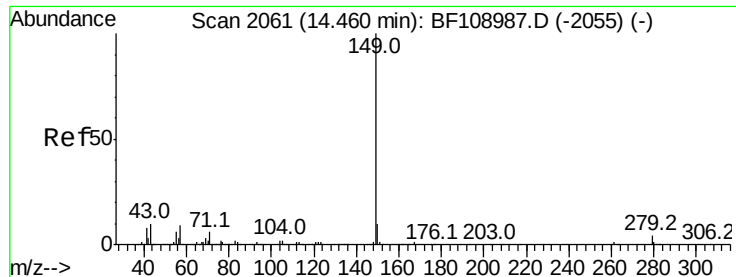


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 54.260 ng

RT: 14.46 min Scan# 2061

Delta R.T. 0.00 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

Instrument :

BNA_F

ClientSampleId :

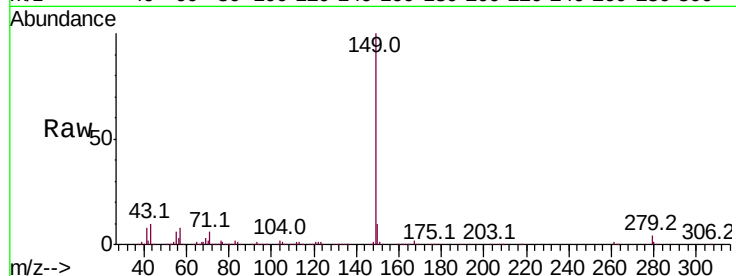
Tot Ion:149 Resp: 1029566

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

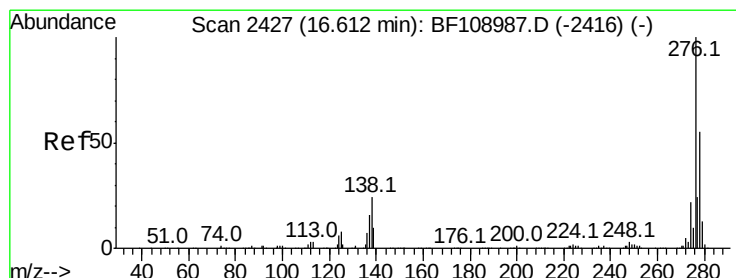
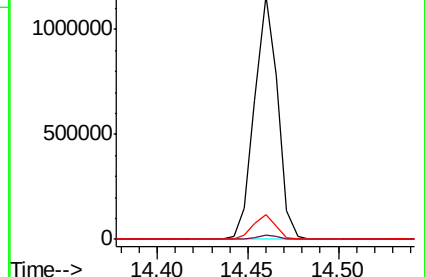
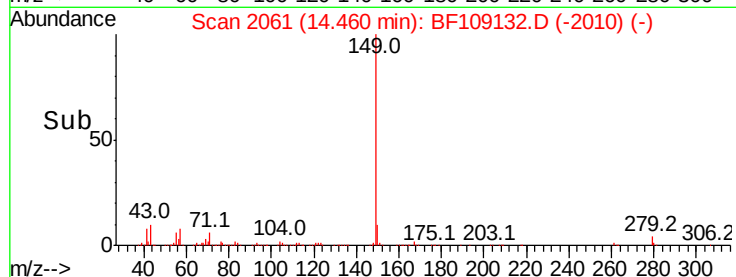
43 9.8 8.4 12.6



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: 46.204 ng

RT: 16.61 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

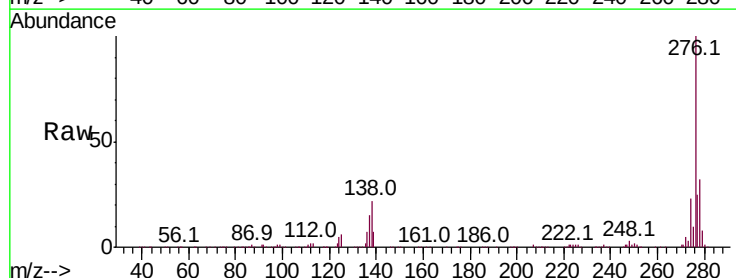
Tgt Ion:276 Resp: 623195

Ion Ratio Lower Upper

276 100

138 25.2 25.0 37.6

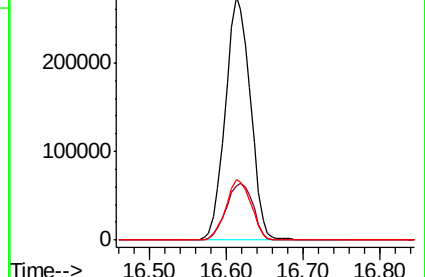
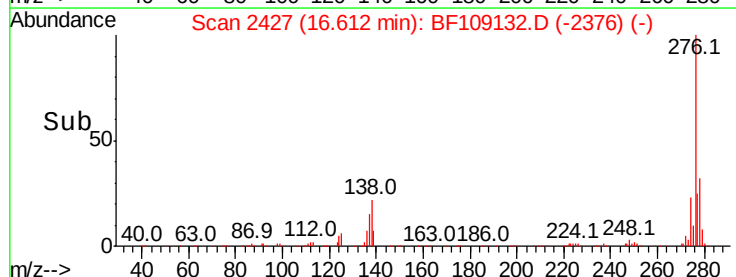
277 25.2 20.1 30.1

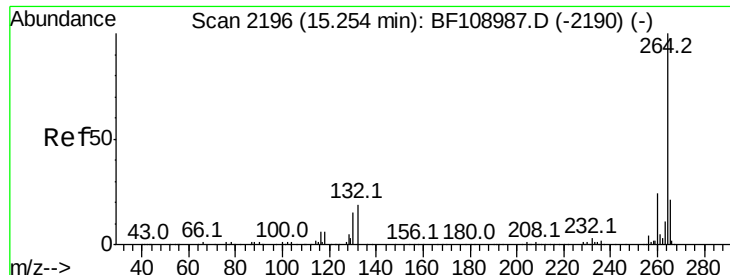


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

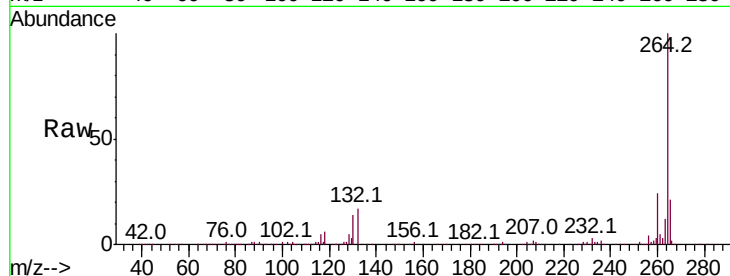




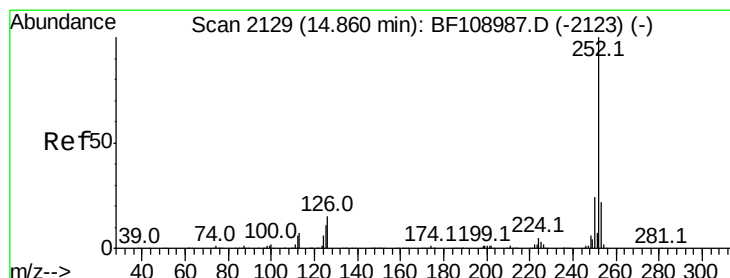
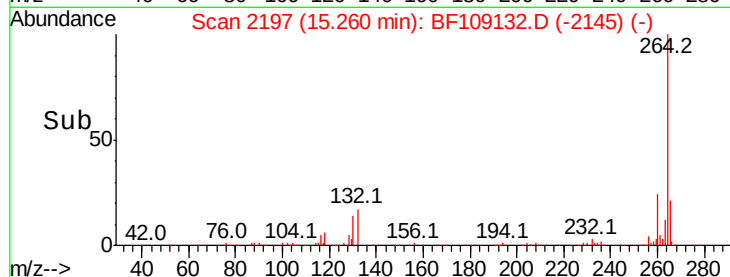
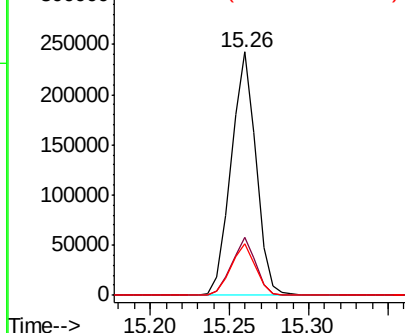
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.3	17.5	26.3

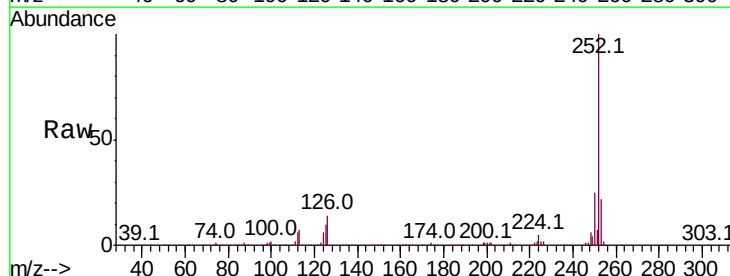


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

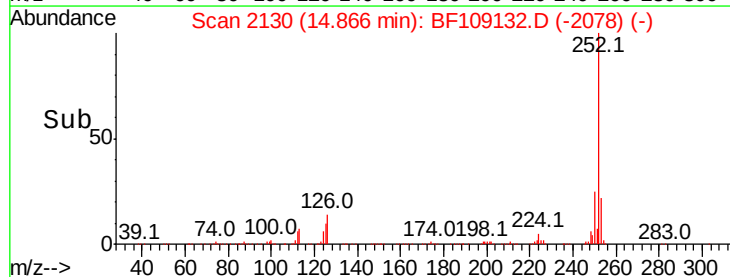
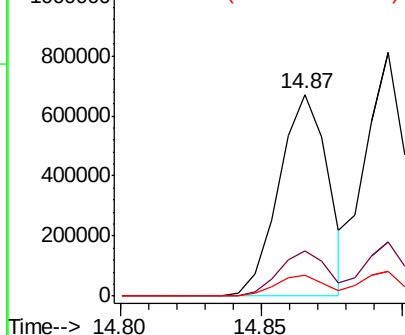


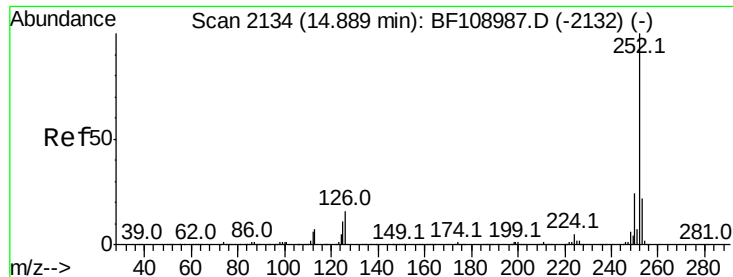
#87
Benzo(b)fluoranthene
Concen: 55.177 ng
RT: 14.87 min Scan# 2130
Delta R.T. 0.01 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	10.1	9.0	13.6



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

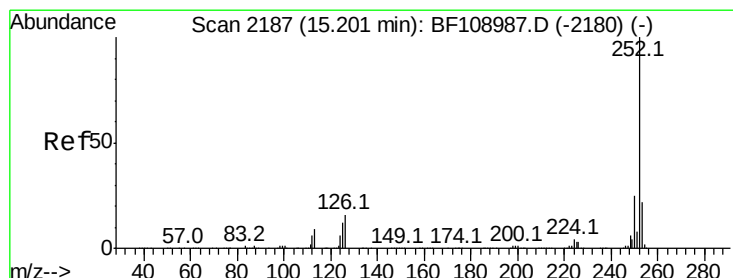
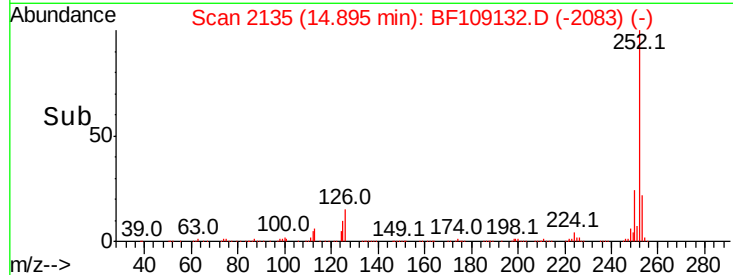
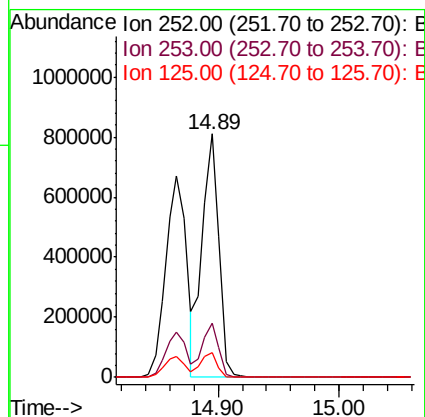
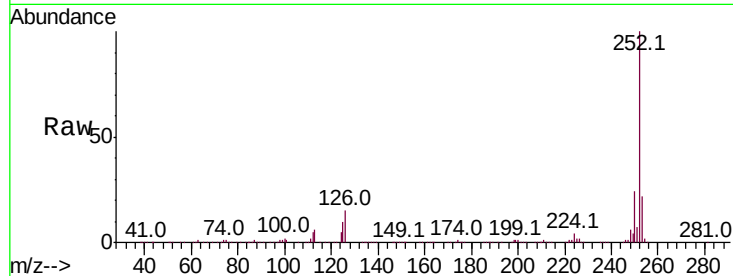




#88
Benzo(k)fluoranthene
Concen: 57.101 ng
RT: 14.89 min Scan# 2135
Delta R.T. 0.01 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

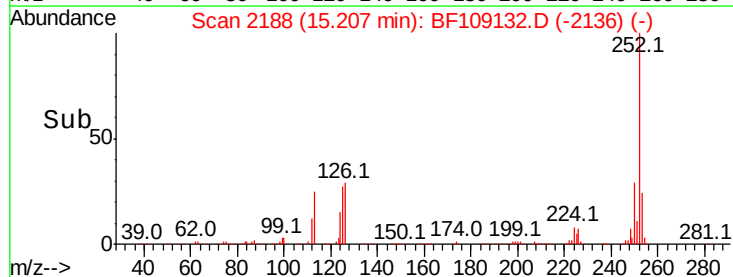
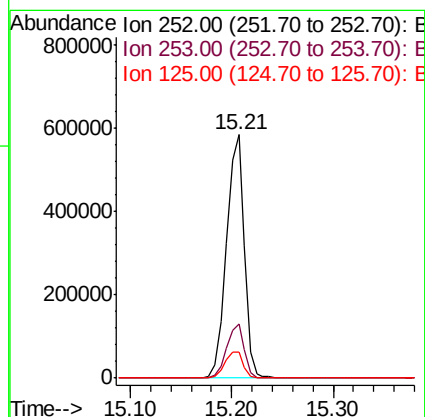
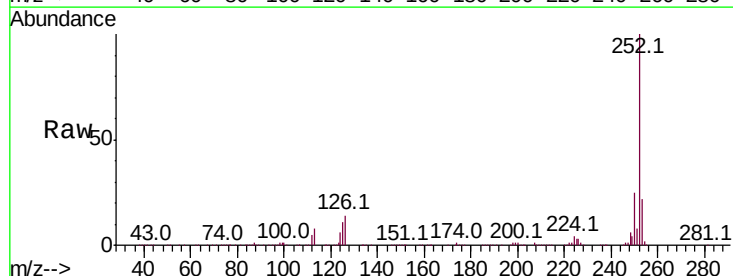
Instrument :
BNA_F
ClientSampleId :

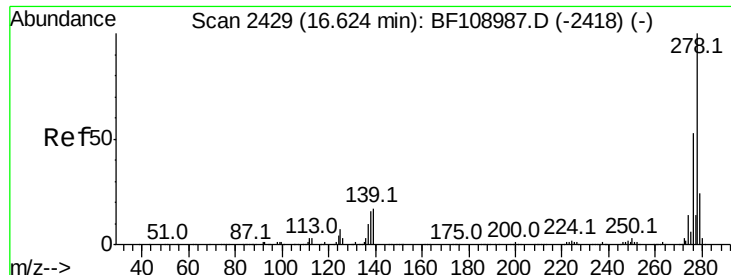
Tot Ion:252 Resp: 779191
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 10.3 10.2 15.2



#89
Benzo(a)pyrene
Concen: 54.984 ng
RT: 15.21 min Scan# 2188
Delta R.T. 0.01 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Tgt Ion:252 Resp: 713401
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 10.9 9.8 14.6

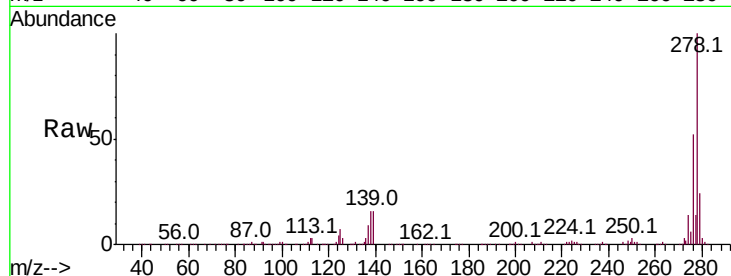




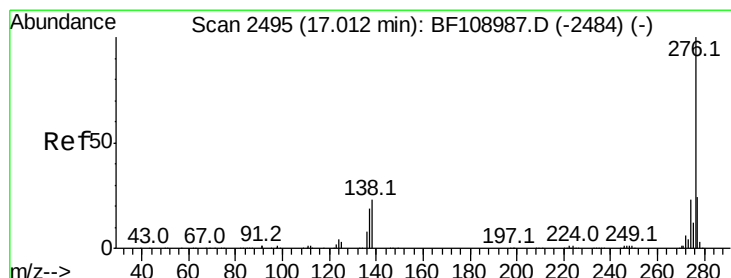
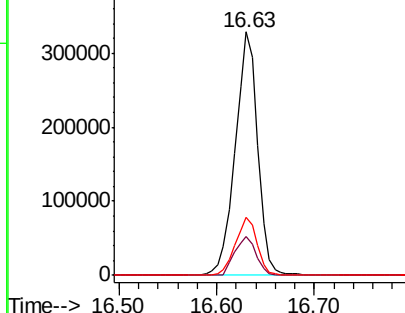
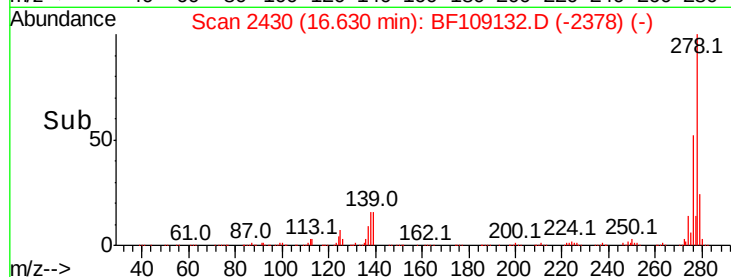
#90
Dibenzo(a,h)anthracene
Concen: 48.037 ng
RT: 16.63 min Scan# 2430
Delta R.T. 0.01 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	15.9	23.9
279	23.7	19.0	28.4

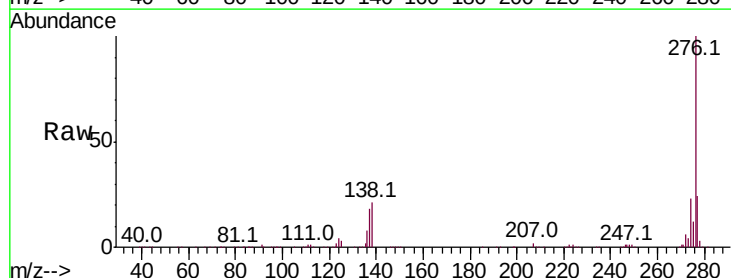


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 45.936 ng
RT: 17.02 min Scan# 2497
Delta R.T. 0.01 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	21.1	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

