

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
 Data File : BF109878.D
 Acq On : 15 Oct 2018 14:52
 Operator : JU/SJ
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 15 16:54:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 15 16:50:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	230710	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	966110	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	456058	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	862471	20.00	ng	0.00
76) Chrysene-d12	14.15	240	737154	20.00	ng	0.00
87) Perylene-d12	15.67	264	649398	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	83321	6.41	ng	-0.01
7) Phenol-d6	6.57	99	104073	5.99	ng	-0.02
23) Nitrobenzene-d5	7.53	82	62808	3.58	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	18934	3.81	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	191041	5.77	ng	-0.01
79) Terphenyl-d14	13.09	244	207597	5.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.84	88	23058	3.380	ng	97
3) Pyridine	3.63	79	46706	3.319	ng	89
4) n-Nitrosodimethylamine	3.56	42	18458	3.634	ng	# 80
6) Aniline	6.63	93	66179	3.272	ng	# 50
8) 2-Chlorophenol	6.75	128	44995	2.815	ng	96
9) Benzaldehyde	6.53	77	38636	3.458	ng	95
10) Phenol	6.59	94	55624	2.794	ng	# 61
11) bis(2-Chloroethyl)ether	6.70	93	45491	2.756	ng	92
12) 1,3-Dichlorobenzene	6.92	146	50595	2.767	ng	95
13) 1,4-Dichlorobenzene	6.99	146	51400	2.579	ng	97
14) 1,2-Dichlorobenzene	7.15	146	47647	2.722	ng	99
15) Benzyl Alcohol	7.10	79	37194	2.889	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.25	45	75133	3.433	ng	68
17) 2-Methylphenol	7.20	107	36025	2.850	ng	# 79
18) Hexachloroethane	7.49	117	16499	2.342	ng	91
19) n-Nitroso-di-n-propylamine	7.37	70	33464	2.748	ng	92
20) 3+4-Methylphenols	7.36	107	47217	3.031	ng	# 82
22) Acetophenone	7.37	105	66675	2.854	ng	98
24) Nitrobenzene	7.55	77	34944	1.916	ng	99
25) Isophorone	7.79	82	76962	2.644	ng	98
26) 2-Nitrophenol	7.87	139	9865	1.156	ng	98
27) 2,4-Dimethylphenol	7.89	122	36646	2.975	ng	95
28) bis(2-Chloroethoxy)methane	8.00	93	53548	2.720	ng	99
29) 2,4-Dichlorophenol	8.10	162	33517	2.426	ng	97
30) 1,2,4-Trichlorobenzene	8.20	180	40791	2.667	ng	98
31) Naphthalene	8.28	128	129463	2.898	ng	99
32) Benzoic acid	7.93	122	9008	1.023	ng	90
33) 4-Chloroaniline	8.32	127	55639	2.828	ng	98
34) Hexachlorobutadiene	8.39	225	22741	2.391	ng	97
35) Caprolactam	8.65	113	11544	2.798	ng	97
36) 4-Chloro-3-methylphenol	8.79	107	36327	2.491	ng	95
37) 2-Methylnaphthalene	8.97	142	82973	2.835	ng	96
38) 1-Methylnaphthalene	9.07	142	81541	2.802	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	41612	2.680	ng	96

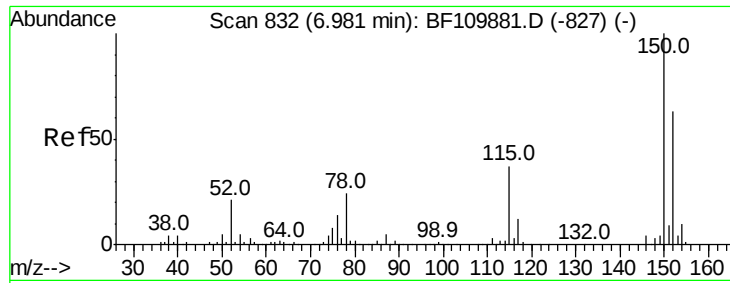
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
 Data File : BF109878.D
 Acq On : 15 Oct 2018 14:52
 Operator : JU/SJ
 Sample : SSTDICC2.5
 Misc :
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Instrument :
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Quant Time: Oct 15 16:54:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 15 16:50:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	15112	2.668	nq	99
43) 2,4,6-Trichlorophenol	9.24	196	21996	2.370	nq	98
44) 2,4,5-Trichlorophenol	9.27	196	21832	2.046	nq	95
46) 1,1'-Biphenyl	9.43	154	121745	2.988	nq	97
47) 2-Chloronaphthalene	9.46	162	87533	2.868	nq	99
48) 2-Nitroaniline	9.55	65	10964	1.186	nq	96
49) Acenaphthylene	9.87	152	126993	2.854	nq	98
50) Dimethylphthalate	9.72	163	92509	2.766	nq	99
51) 2,6-Dinitrotoluene	9.79	165	8031	1.108	nq #	80
52) Acenaphthene	10.05	154	79687	3.021	nq	97
53) 3-Nitroaniline	9.96	138	10989	1.352	nq #	88
54) 2,4-Dinitrophenol	10.06	184	1589	0.679	nq #	54
55) Dibenzofuran	10.22	168	116618	2.949	nq	95
56) 4-Nitrophenol	10.09	139	8510	1.913	nq	91
57) 2,4-Dinitrotoluene	10.19	165	8004	0.885	nq #	83
58) Fluorene	10.56	166	87965	2.979	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.33	232	17014	1.962	nq	95
60) Diethylphthalate	10.43	149	91441	2.759	nq	99
61) 4-Chlorophenyl-phenylether	10.56	204	44399	2.850	nq	94
62) 4-Nitroaniline	10.56	138	11845	1.574	nq	94
63) Azobenzene	10.72	77	98696	2.933	nq	97
65) 4,6-Dinitro-2-methylphenol	10.59	198	2774	0.661	nq	76
66) n-Nitrosodiphenylamine	10.67	169	82373	2.817	nq	99
67) 4-Bromophenyl-phenylether	11.05	248	25832	2.607	nq	89
68) Hexachlorobenzene	11.11	284	28537	2.659	nq	95
69) Atrazine	11.19	200	24723	2.709	nq	99
70) Pentachlorophenol	11.30	266	10866	1.799	nq	98
71) Phenanthrene	11.53	178	133859	3.101	nq	98
72) Anthracene	11.58	178	133379	2.989	nq	97
73) Carbazole	11.73	167	129797	2.999	nq	98
74) Di-n-butylphthalate	12.06	149	144275	2.875	nq	99
75) Fluoranthene	12.72	202	134132	2.975	nq	99
77) Benzidine	12.84	184	84662	3.092	nq	95
78) Pyrene	12.95	202	138886	2.572	nq	98
80) Butylbenzylphthalate	13.56	149	49081	2.096	nq	97
81) Benzo(a)anthracene	14.14	228	120906	2.972	nq	98
82) 3,3'-Dichlorobenzidine	14.10	252	41257	2.519	nq	96
83) Chrysene	14.17	228	118470	2.773	nq	97
84) Bis(2-ethylhexyl)phthalate	14.12	149	71862	2.515	nq	99
85) Di-n-octyl phthalate	14.73	149	98517	2.182	nq	97
86) Indeno(1,2,3-cd)pyrene	17.22	276	85905	2.809	nq #	93
88) Benzo(b)fluoranthene	15.24	252	96490	2.689	nq	98
89) Benzo(k)fluoranthene	15.24	252	96490	2.676	nq #	97
90) Benzo(a)pyrene	15.60	252	88202	2.708	nq #	95
91) Dibenzo(a,h)anthracene	17.23	278	69262	2.590	nq #	95
92) Benzo(g,h,i)perylene	17.69	276	67841	2.540	nq #	93

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

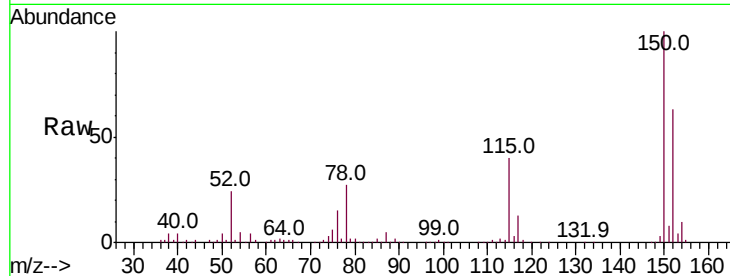


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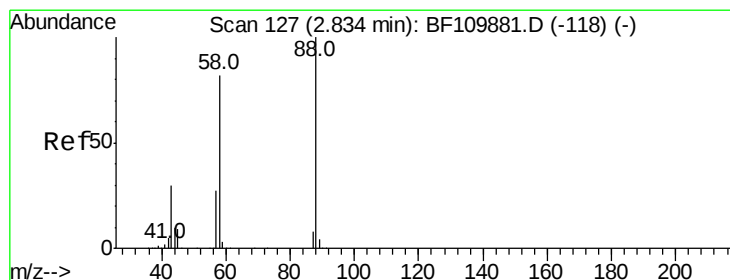
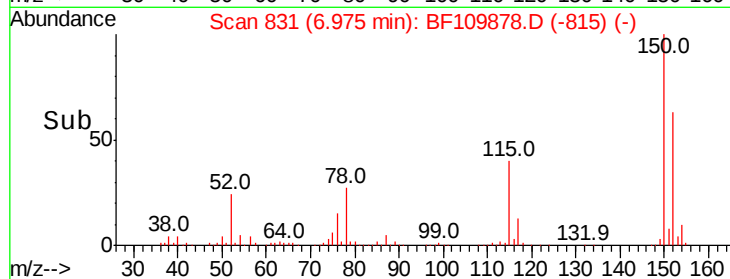
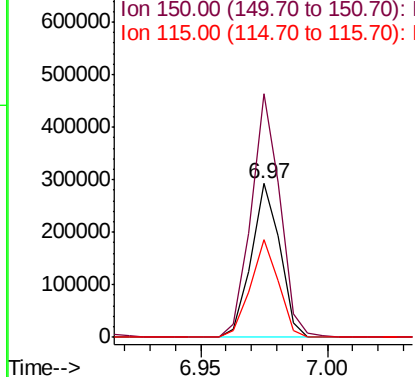
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109878.D
Acq: 15 Oct 2018 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 230710
Ion Ratio Lower Upper
152 100
150 158.5 122.7 184.1
115 63.4 49.1 73.7



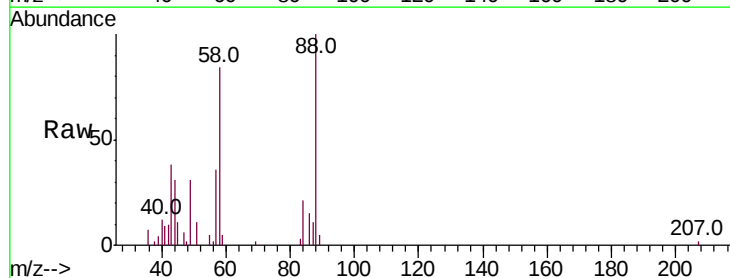
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



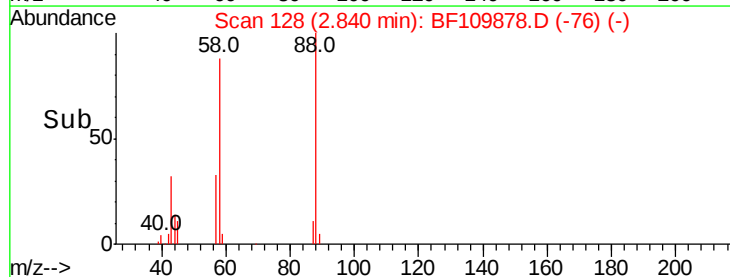
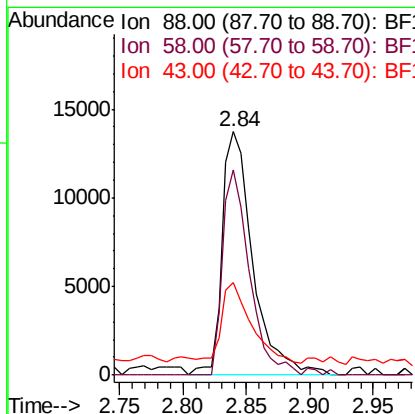
#2

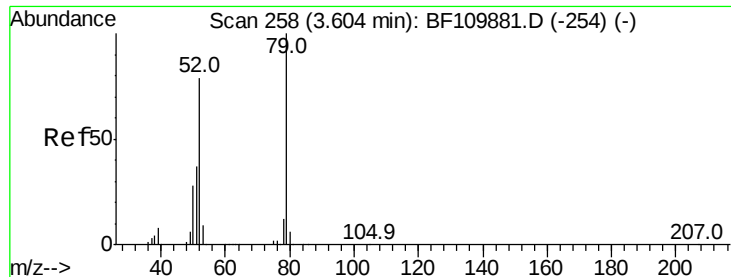
1,4-Dioxane
Concen: 3.380 ng
RT: 2.84 min Scan# 128
Delta R.T. 0.01 min
Lab File: BF109878.D
Acq: 15 Oct 2018 14:52

Tgt Ion: 88 Resp: 23058
Ion Ratio Lower Upper
88 100
58 74.0 57.1 85.7
43 31.8 24.1 36.1



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: 3.319 ng

RT: 3.63 min Scan# 262

Delta R.T. 0.02 min

Lab File: BF109878.D

Acq: 15 Oct 2018 14:52

Instrument :

BNA_F

ClientSampleId :

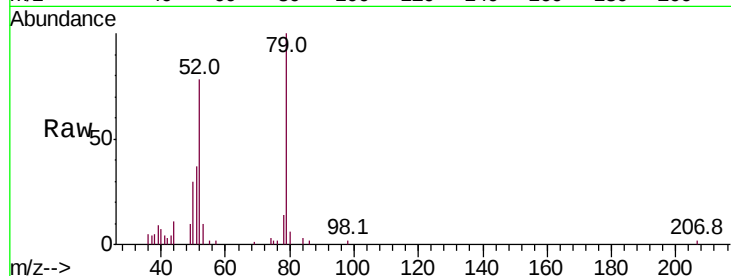
Tot Ion: 79 Resp: 46706

Ion Ratio Lower Upper

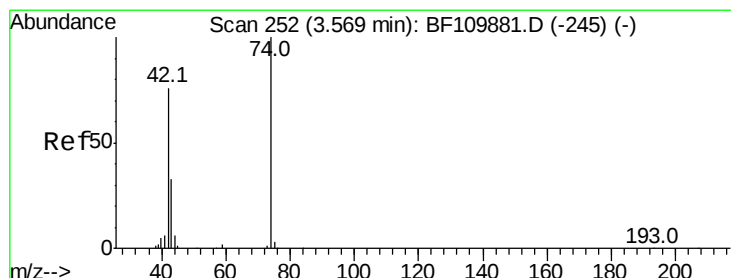
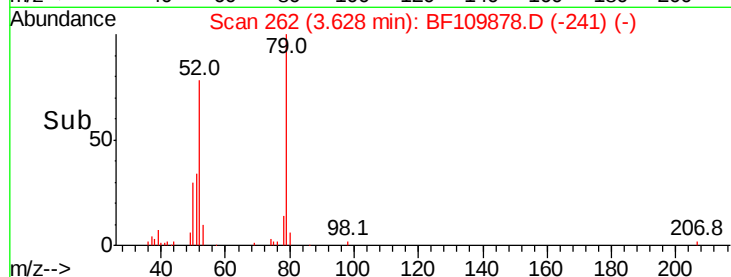
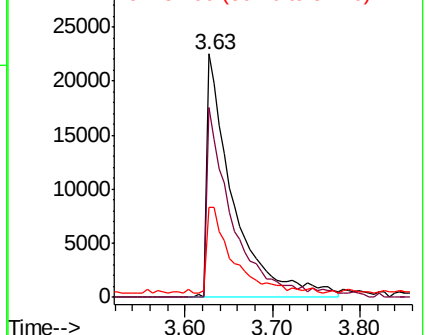
79 100

52 77.9 53.1 79.7

51 36.8 27.4 41.2



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



#4

n-Nitrosodimethylamine

Concen: 3.634 ng

RT: 3.56 min Scan# 251

Delta R.T. -0.01 min

Lab File: BF109878.D

Acq: 15 Oct 2018 14:52

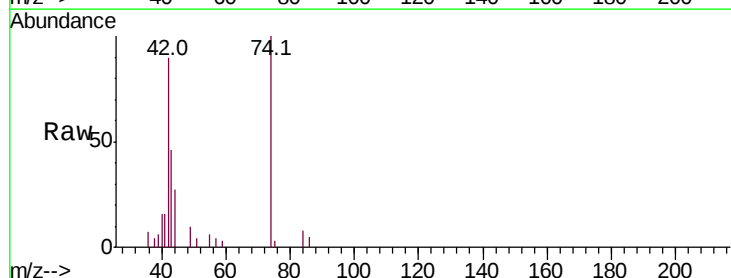
Tgt Ion: 42 Resp: 18458

Ion Ratio Lower Upper

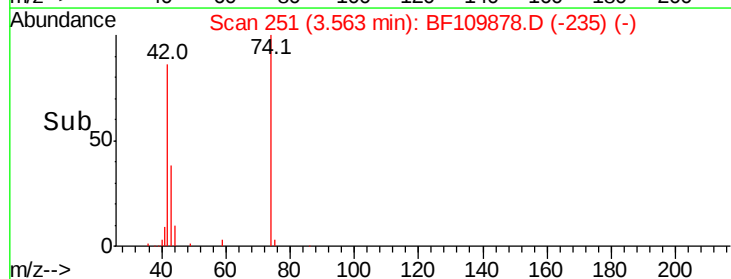
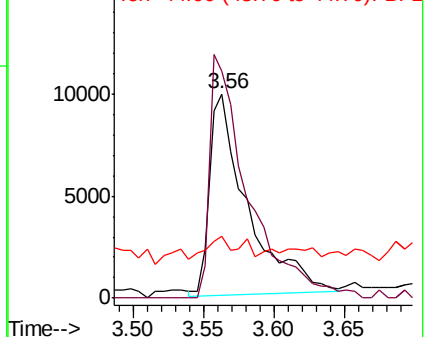
42 100

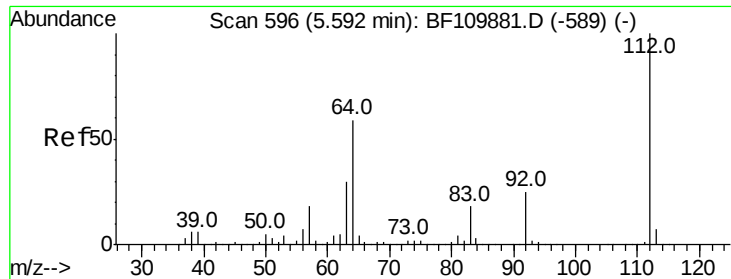
74 111.0 105.5 158.3

44 30.4 4.9 7.3#



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

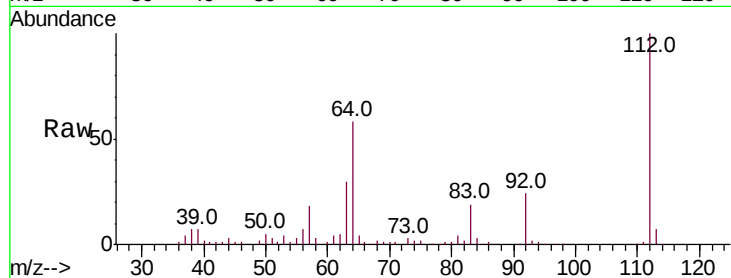




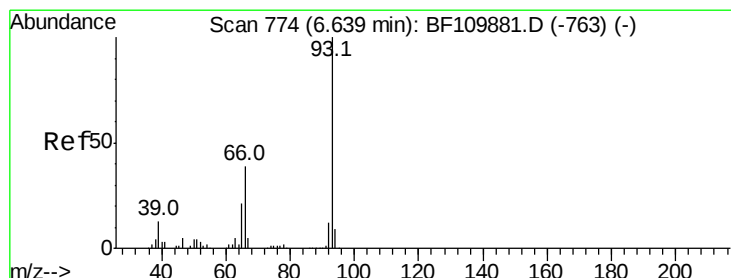
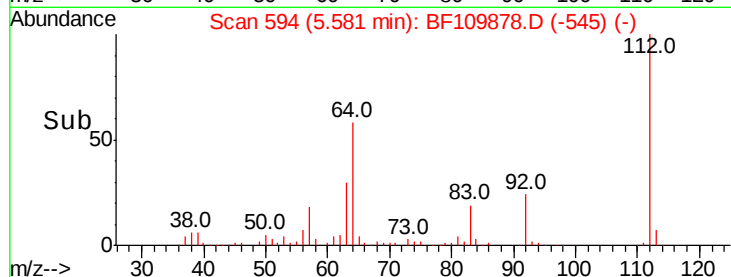
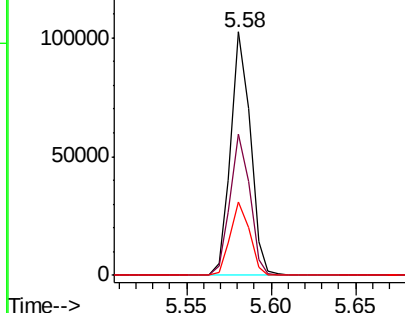
#5
2-Fluorophenol
Concen: 6.411 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF109878.D
Acq: 15 Oct 2018 14:52

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
112	100		
64	58.2	44.1	66.1
63	30.4	23.7	35.5

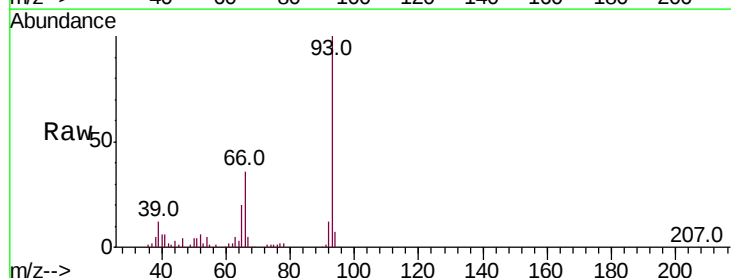


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

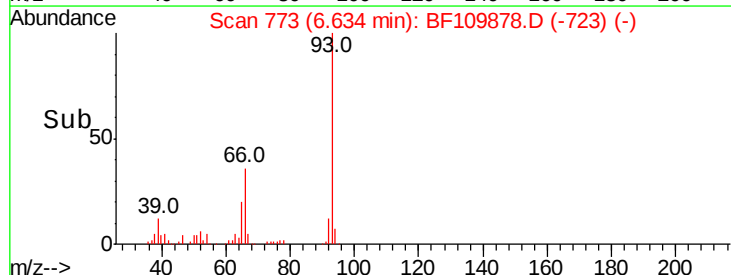
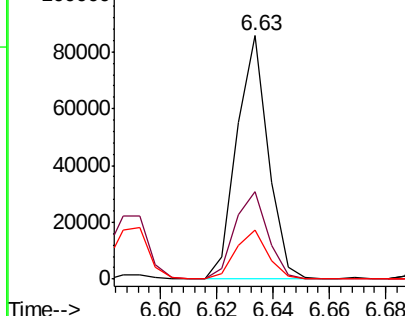


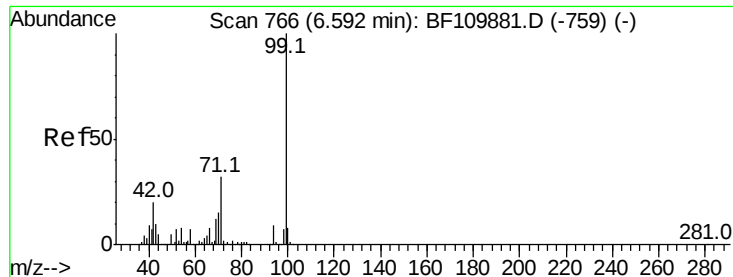
#6
Aniline
Concen: 3.272 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF109878.D
Acq: 15 Oct 2018 14:52

Tgt Ion	Ratio	Lower	Upper
93	100		
66	36.0	67.4	101.0#
65	19.9	41.0	61.4#



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: 5.994 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.02 min

Lab File: BF109878.D

Acq: 15 Oct 2018 14:52

Instrument :

BNA_F

ClientSampleId :

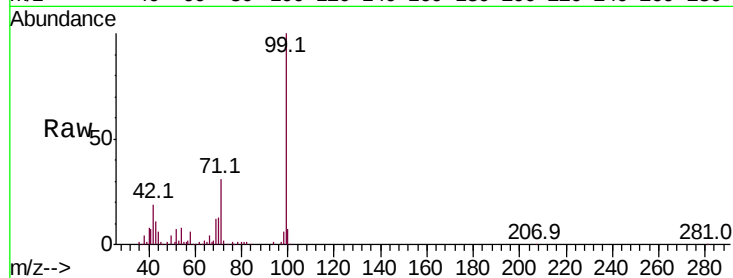
Tot Ion: 99 Resp: 104073

Ion Ratio Lower Upper

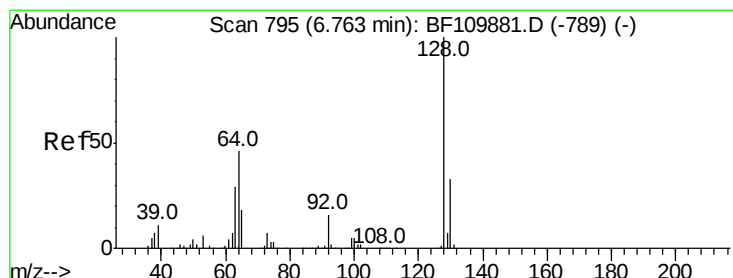
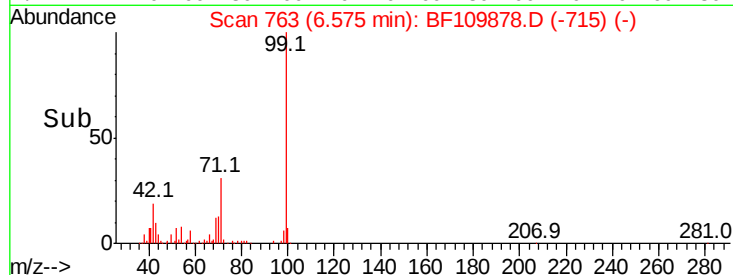
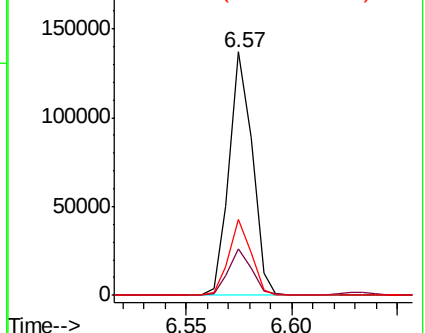
99 100

42 19.1 15.8 23.6

71 31.3 28.0 42.0



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: 2.815 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.01 min

Lab File: BF109878.D

Acq: 15 Oct 2018 14:52

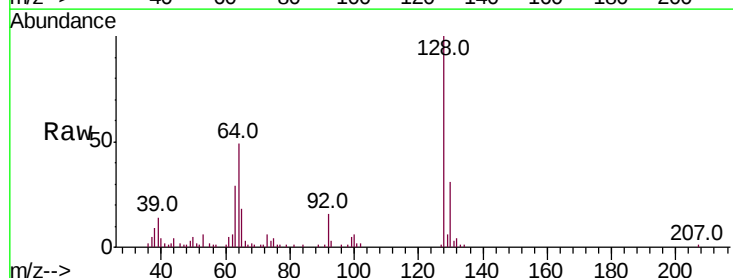
Tgt Ion: 128 Resp: 44995

Ion Ratio Lower Upper

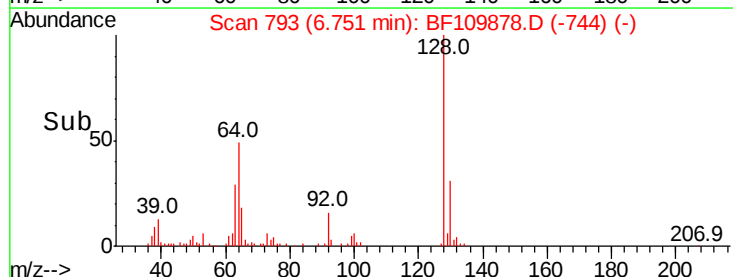
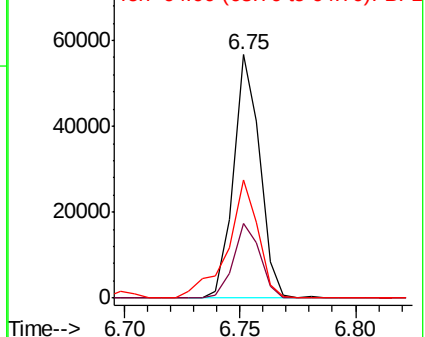
128 100

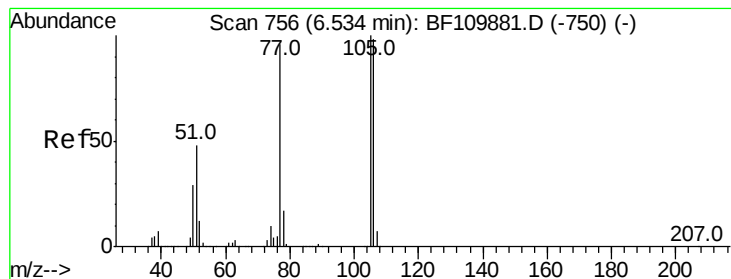
130 30.6 13.1 53.1

64 48.7 26.0 66.0



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: 3.458 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF109878.D

Acq: 15 Oct 2018 14:52

Instrument :

BNA_F

ClientSampleId :

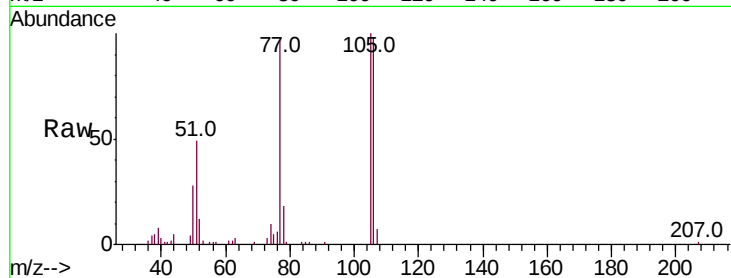
Tot Ion: 77 Resp: 38636

Ion Ratio Lower Upper

77 100

105 102.8 78.6 118.6

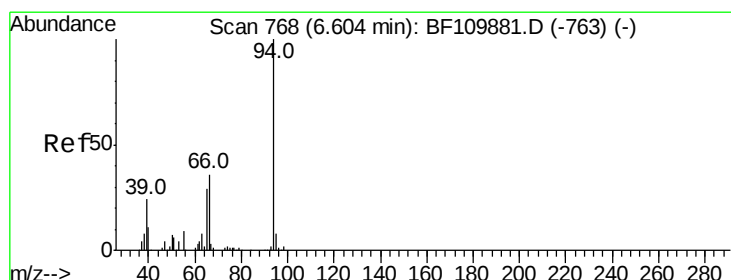
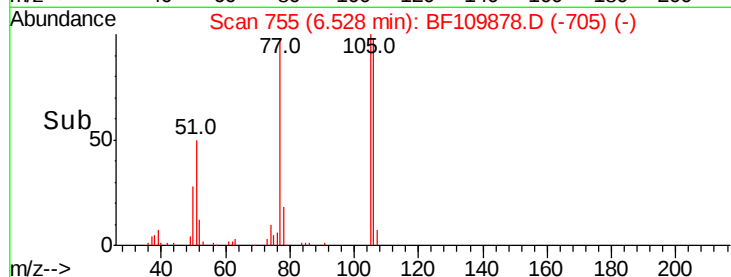
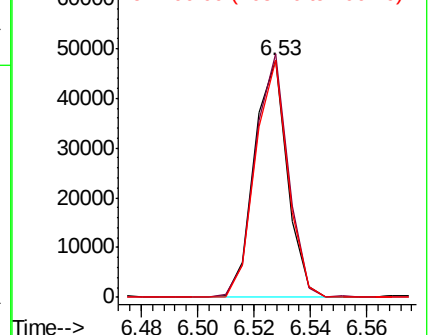
106 100.3 74.8 114.8



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: 2.794 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF109878.D

Acq: 15 Oct 2018 14:52

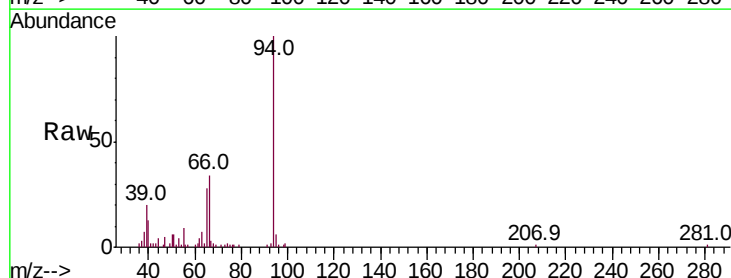
Tgt Ion: 94 Resp: 55624

Ion Ratio Lower Upper

94 100

65 28.3 25.3 65.3

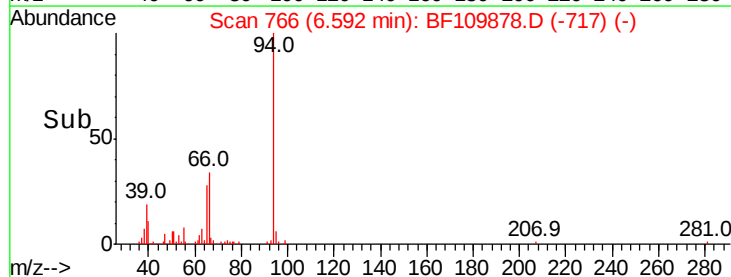
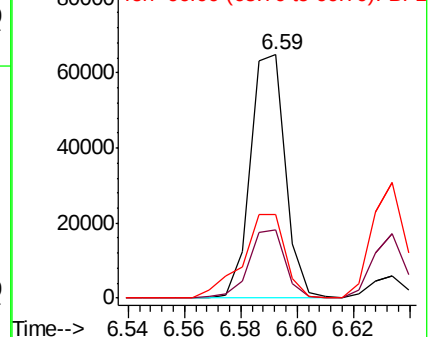
66 34.4 54.5 94.5#

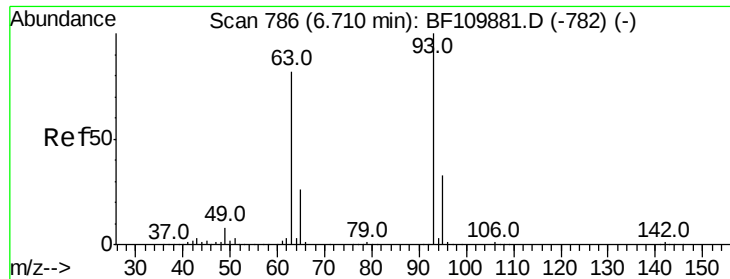


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

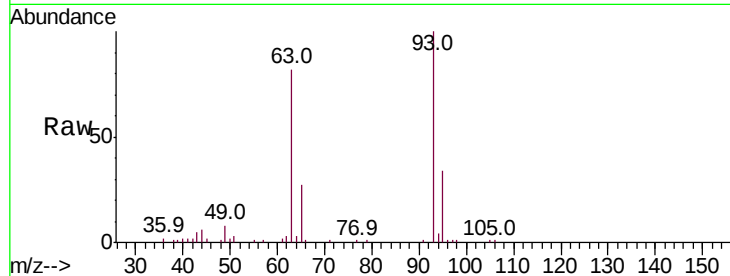




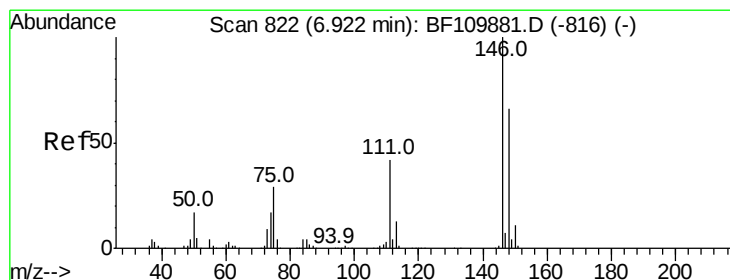
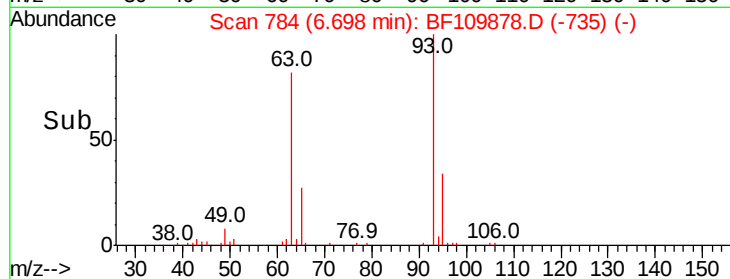
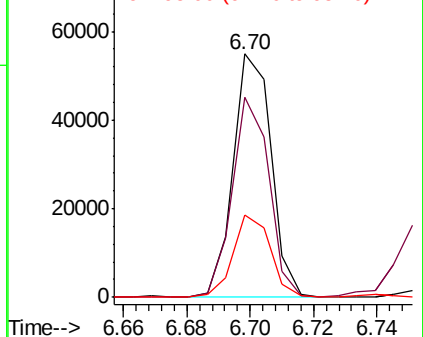
#11
bis(2-Chloroethyl)ether
Concen: 2.756 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF109878.D
Acq: 15 Oct 2018 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 45491
Ion Ratio Lower Upper
93 100
63 82.1 53.4 93.4
95 34.1 12.1 52.1

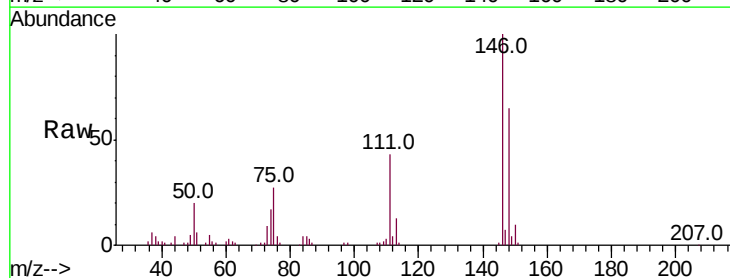


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

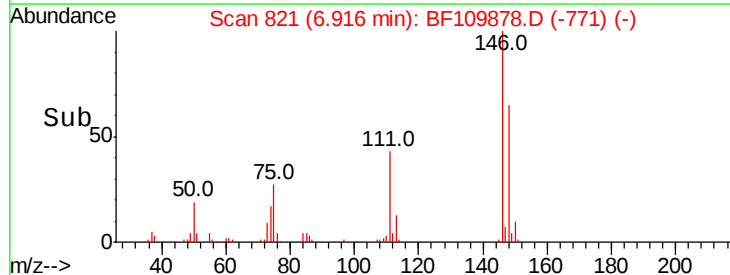
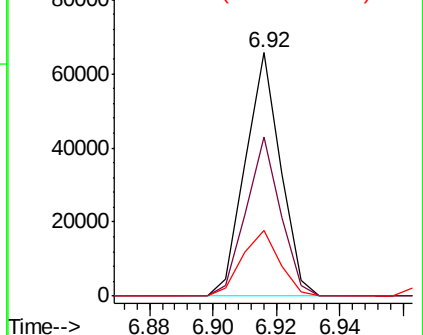


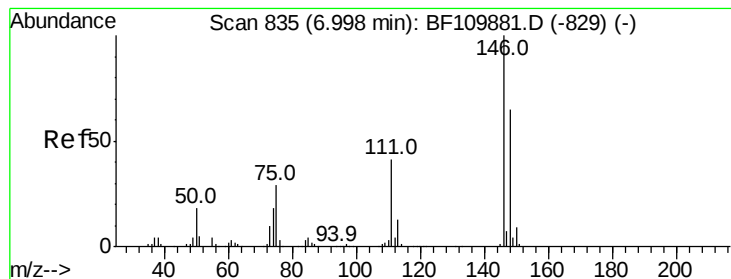
#12
1,3-Dichlorobenzene
Concen: 2.767 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF109878.D
Acq: 15 Oct 2018 14:52

Tgt Ion: 146 Resp: 50595
Ion Ratio Lower Upper
146 100
148 65.1 50.4 75.6
75 27.1 25.8 38.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 2.579 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF109878.D

Acq: 15 Oct 2018 14:52

Instrument :

BNA_F

ClientSampleId :

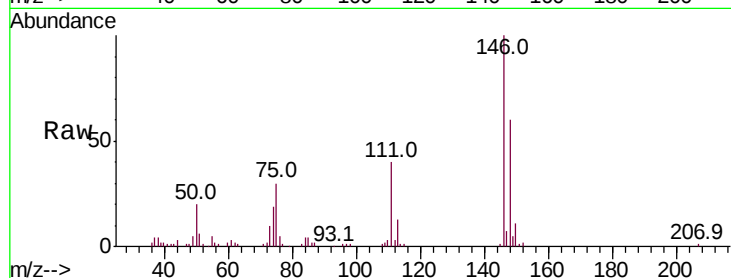
Tot Ion:146 Resp: 51400

Ion Ratio Lower Upper

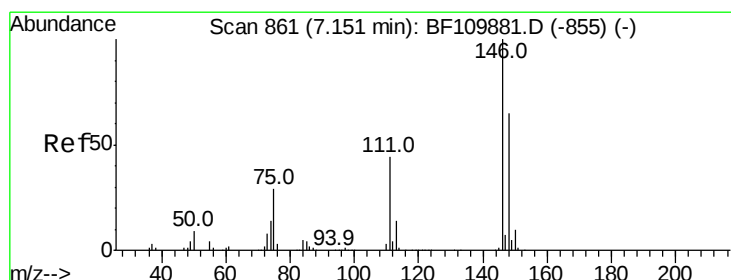
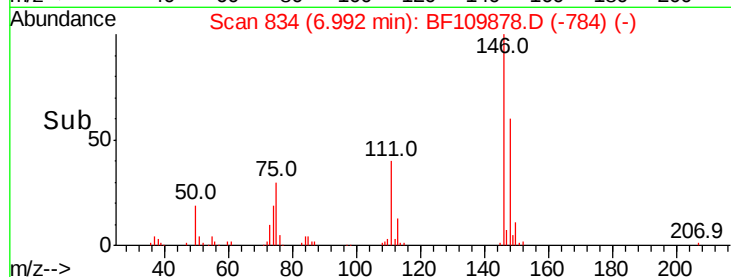
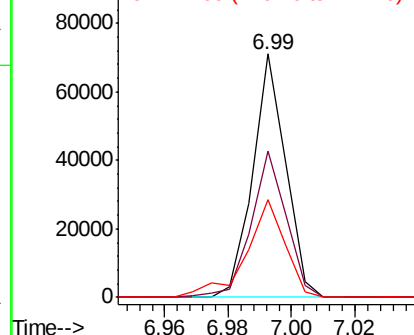
146 100

148 60.3 50.3 75.5

111 39.9 32.7 49.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 2.722 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF109878.D

Acq: 15 Oct 2018 14:52

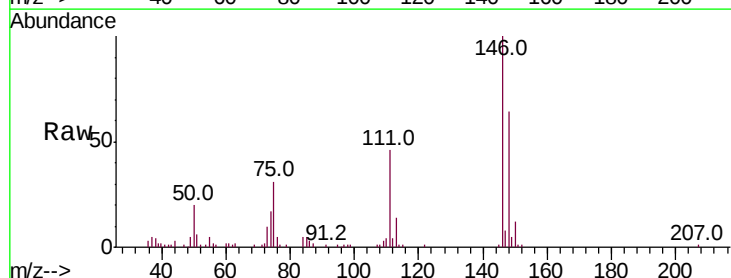
Tgt Ion:146 Resp: 47647

Ion Ratio Lower Upper

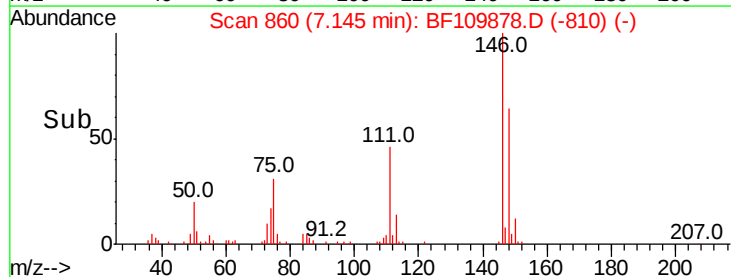
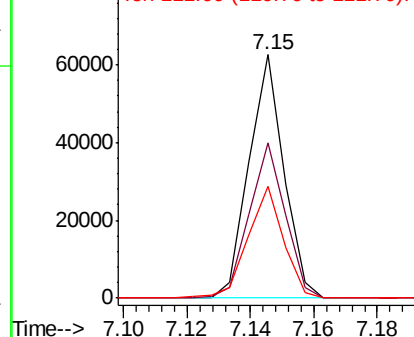
146 100

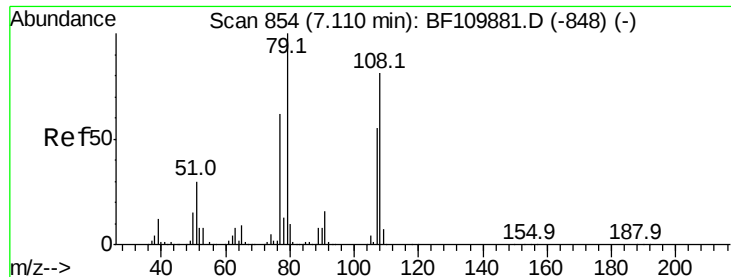
148 64.0 51.1 76.7

111 45.7 35.8 53.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 2.889 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF109878.D

Acq: 15 Oct 2018 14:52

Instrument :

BNA_F

ClientSampleId :

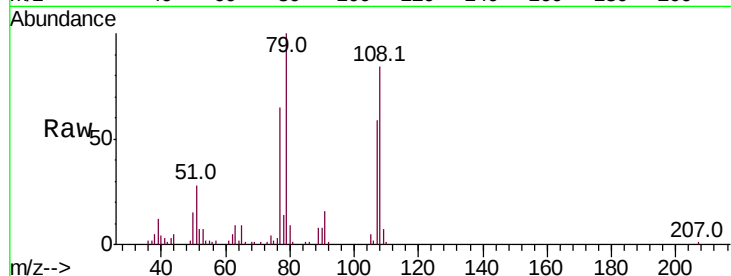
Tot Ion: 79 Resp: 37194

Ion Ratio Lower Upper

79 100

108 84.2 56.3 84.5

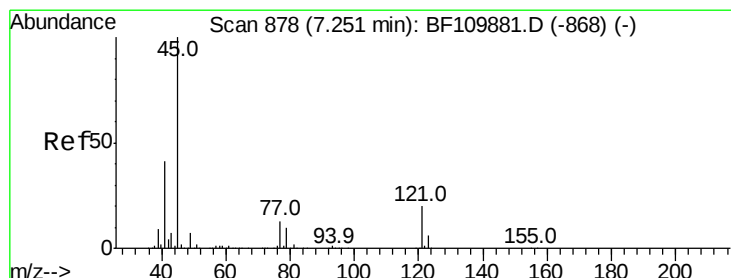
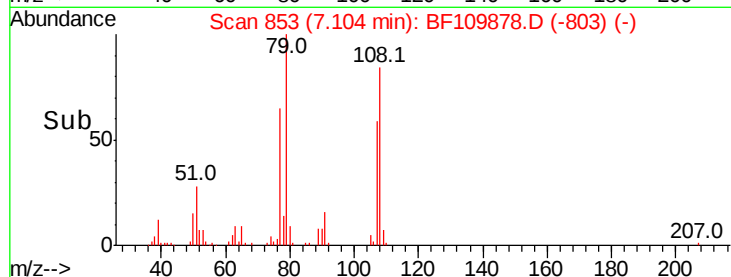
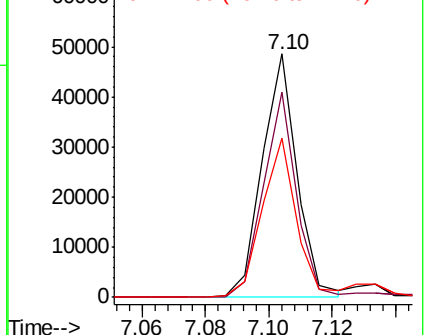
77 65.1 52.9 79.3



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: 3.433 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF109878.D

Acq: 15 Oct 2018 14:52

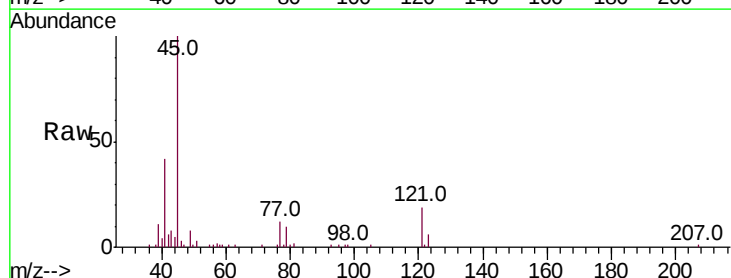
Tgt Ion: 45 Resp: 75133

Ion Ratio Lower Upper

45 100

77 11.5 10.0 50.0

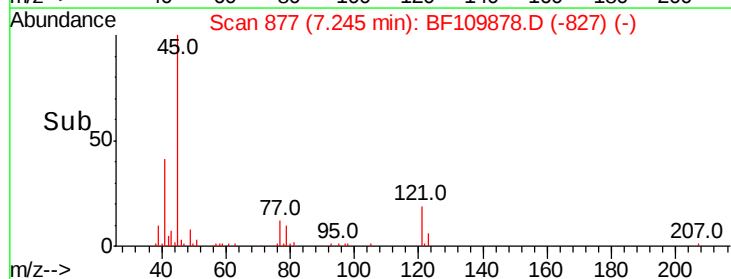
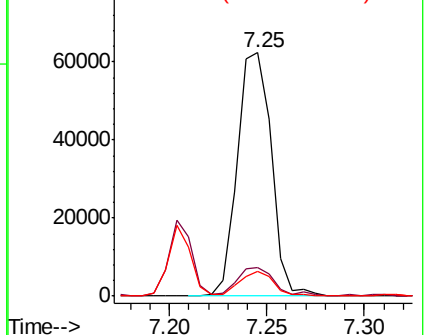
79 10.4 6.1 46.1

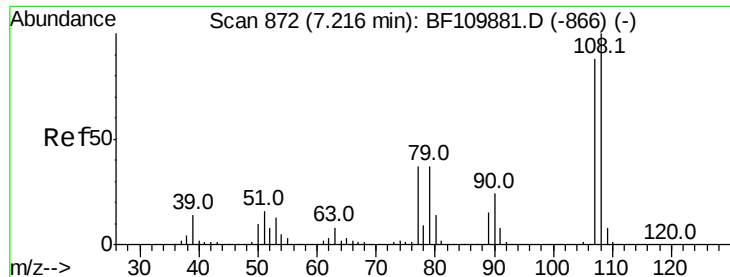


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

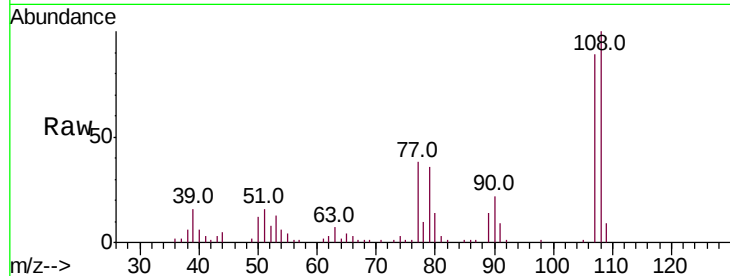




#17
2-Methylphenol
Concen: 2.850 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF109878.D
Acq: 15 Oct 2018 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.0	92.6	138.8
77	42.9	59.4	89.2#
79	40.5	54.0	81.0#



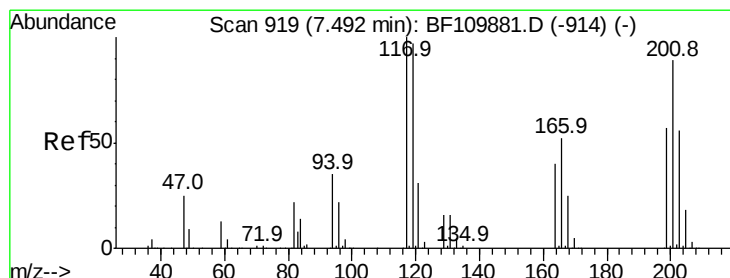
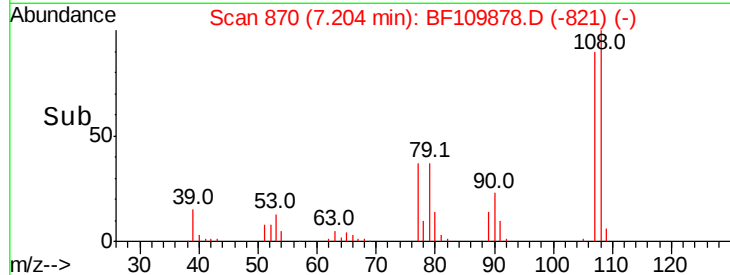
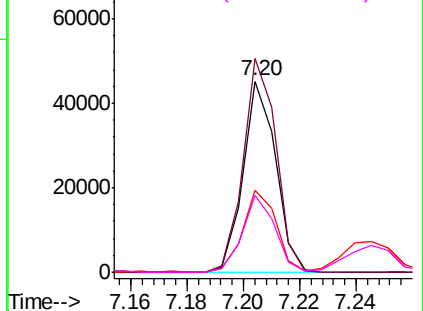
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

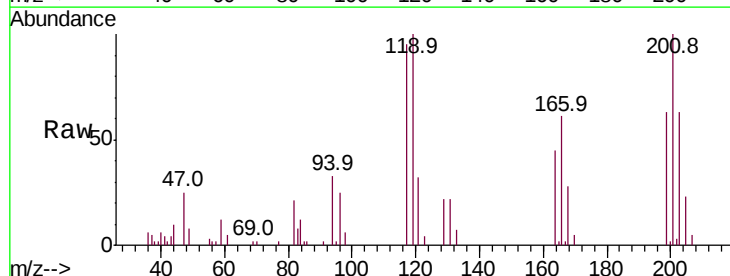
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 2.342 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.00 min
Lab File: BF109878.D
Acq: 15 Oct 2018 14:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	105.3	75.0	112.6
201	105.0	79.2	118.8

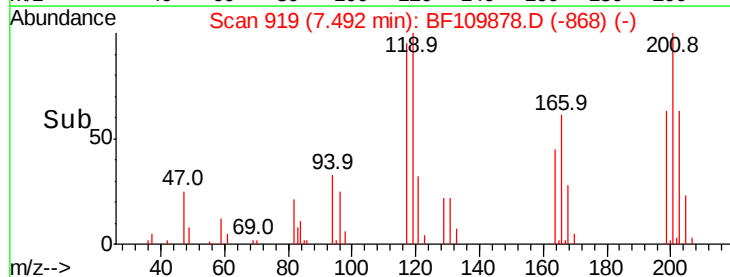
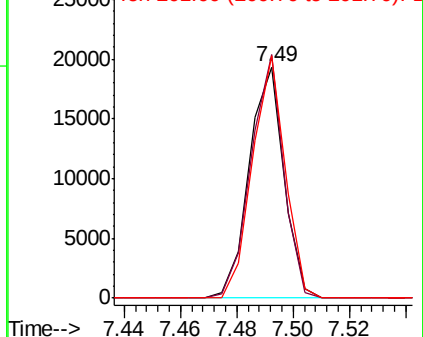


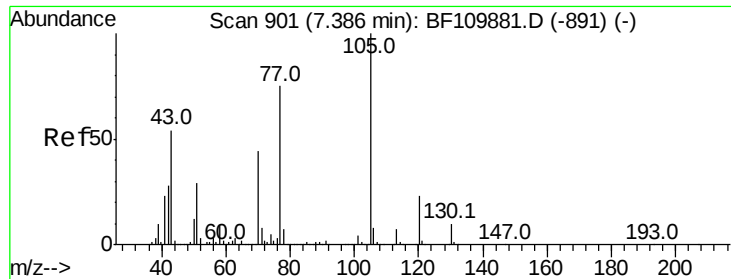
Abundance

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

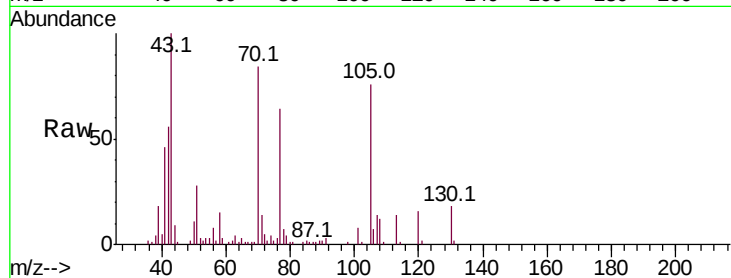




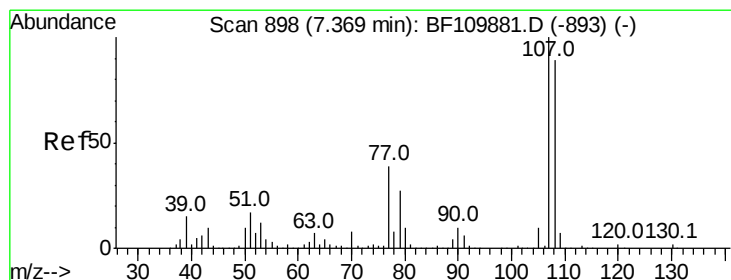
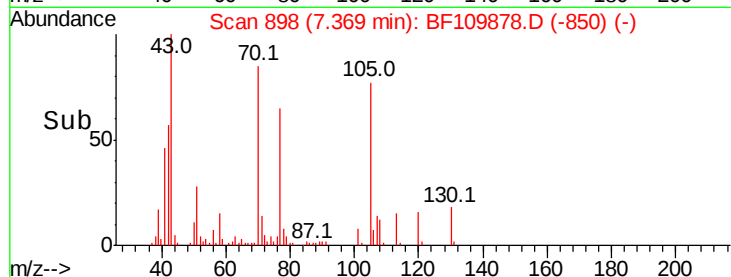
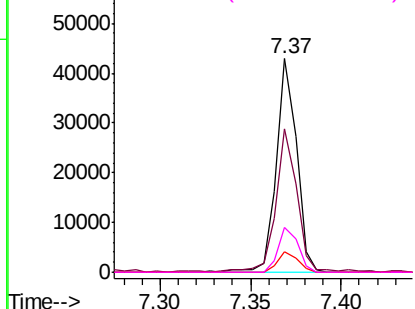
#19
n-Nitroso-di-n-propylamine
Concen: 2.748 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF109878.D
Acq: 15 Oct 2018 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	33464
Ion	Ratio	Lower	Upper
70	100		
42	67.4	47.4	71.2
101	9.3	7.3	10.9
130	21.1	16.2	24.2

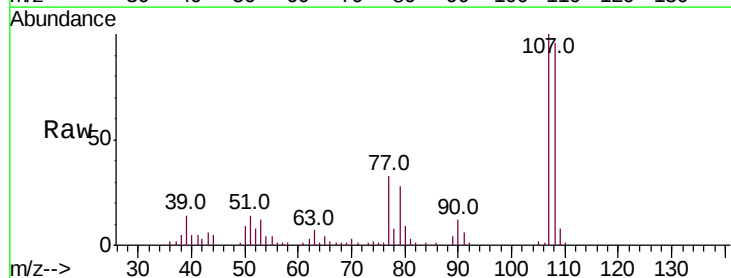


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

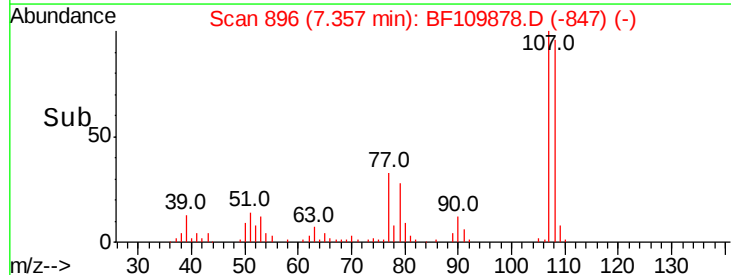
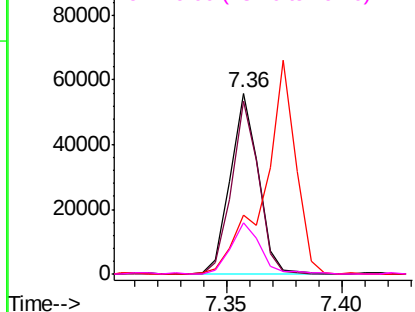


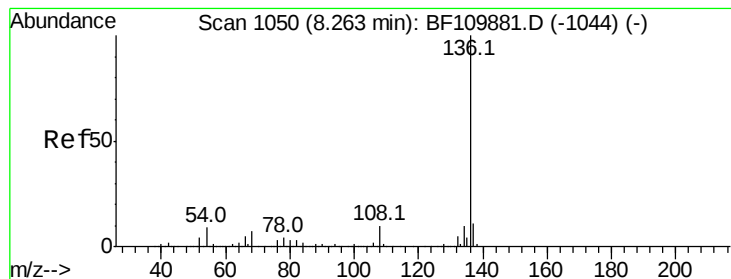
#20
3+4-Methylphenols
Concen: 3.031 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF109878.D
Acq: 15 Oct 2018 14:52

Tgt Ion:	107	Resp:	47217
Ion	Ratio	Lower	Upper
107	100		
108	95.8	71.4	111.4
77	32.8	47.3	87.3#
79	28.3	10.9	50.9



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF109878.D

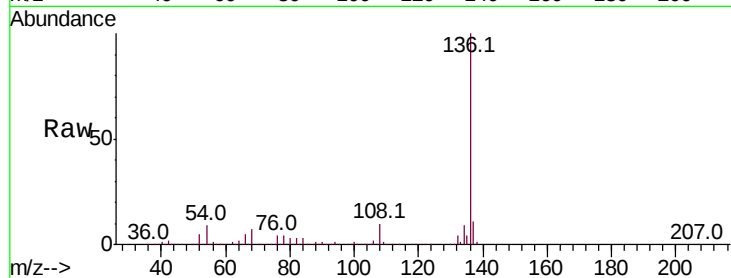
Acq: 15 Oct 2018 14:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	966110
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.8 13.2
54	9.3	5.4 8.2#
68	7.0	4.2 6.2#



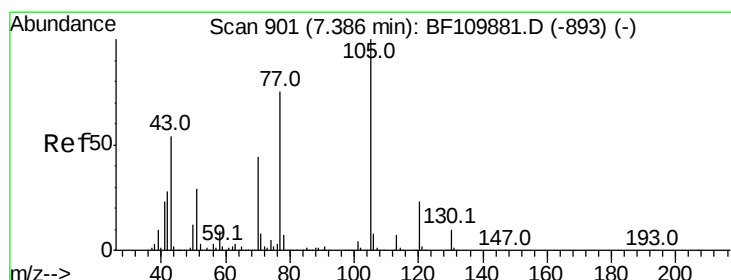
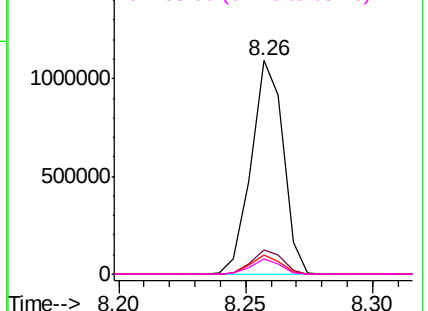
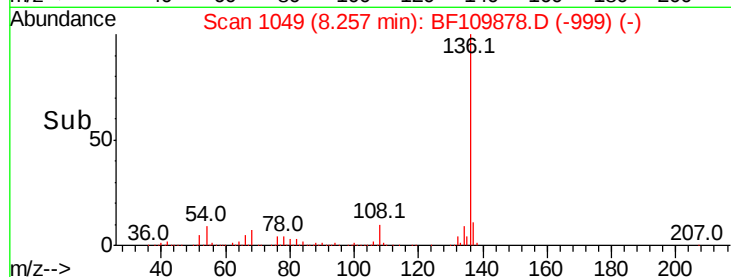
Abundance

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: 2.854 ng

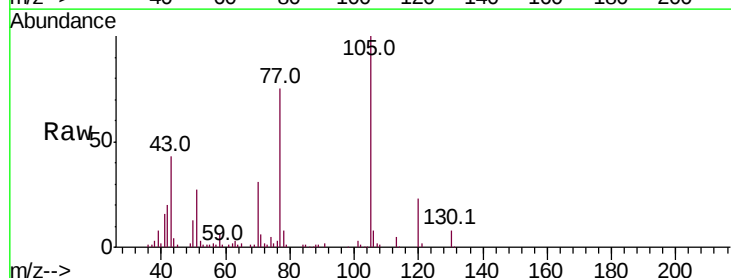
RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF109878.D

Acq: 15 Oct 2018 14:52

Tgt Ion:105	Resp:	66675
Ion Ratio	Lower	Upper
105	100	
71	5.8	5.2 7.8
51	27.3	21.8 32.8
120	23.2	17.0 25.4



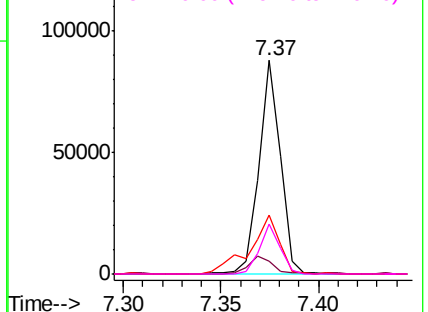
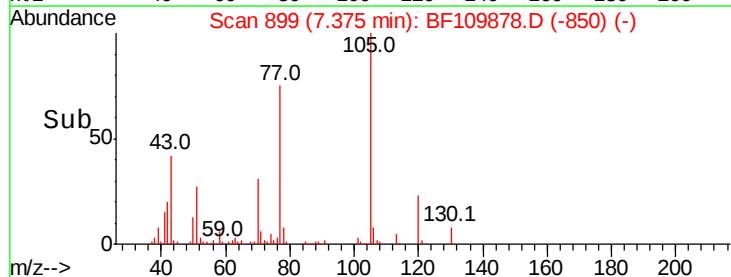
Abundance

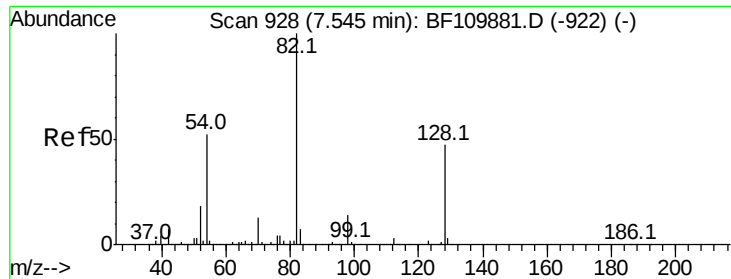
Ion 105.00 (104.70 to 105.70): E

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

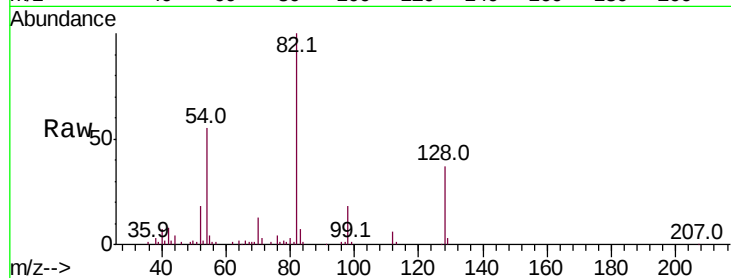




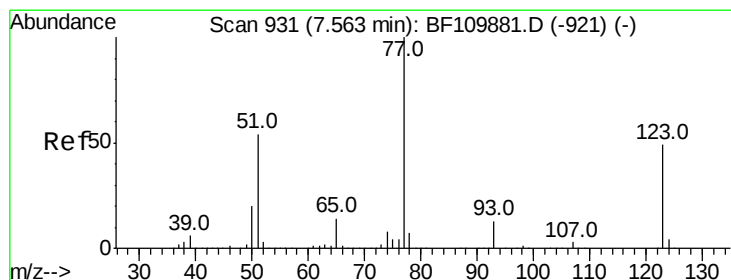
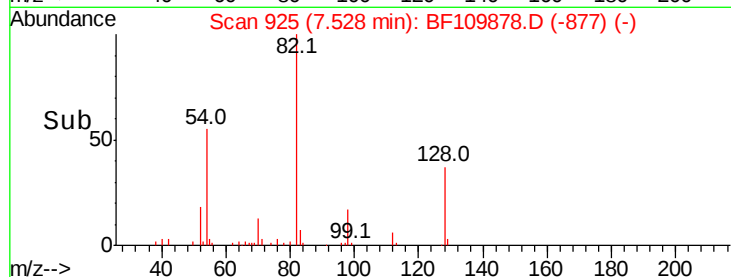
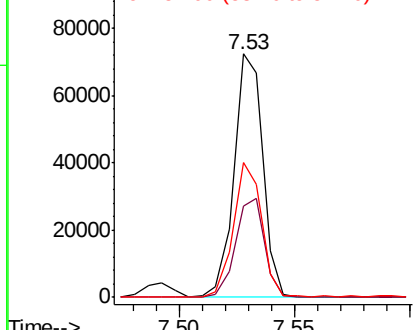
#23
 Nitrobenzene-d5
 Concen: 3.584 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BF109878.D
 Acq: 15 Oct 2018 14:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	62808
Ion Ratio	Lower	Upper	
82	100		
128	37.5	34.2	51.2
54	55.5	38.6	58.0

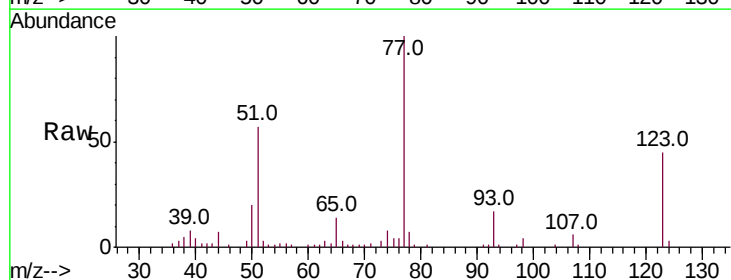


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

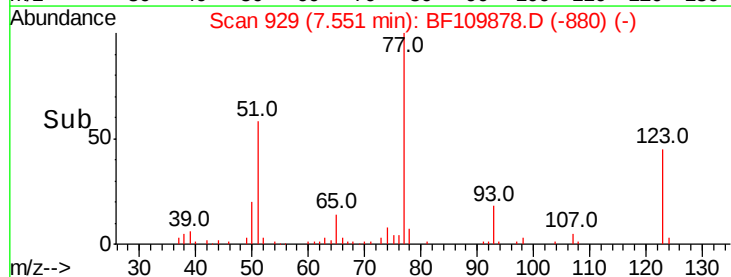
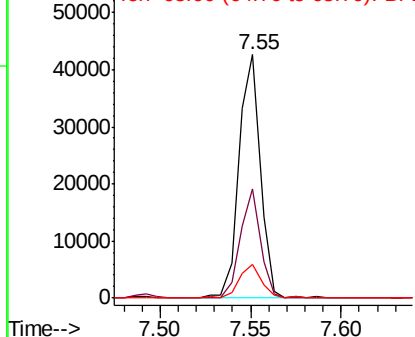


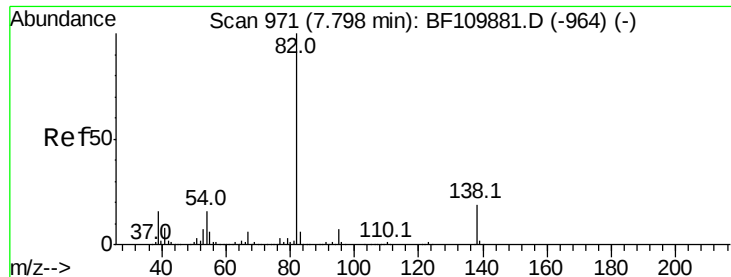
#24
 Nitrobenzene
 Concen: 1.916 ng
 RT: 7.55 min Scan# 929
 Delta R.T. -0.01 min
 Lab File: BF109878.D
 Acq: 15 Oct 2018 14:52

Tgt Ion	77	Resp	34944
Ion Ratio	Lower	Upper	
77	100		
123	44.8	35.7	53.5
65	14.0	10.7	16.1



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





#25

Isophorone

Concen: 2.644 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF109878.D

Acq: 15 Oct 2018 14:52

Instrument :

BNA_F

ClientSampled :

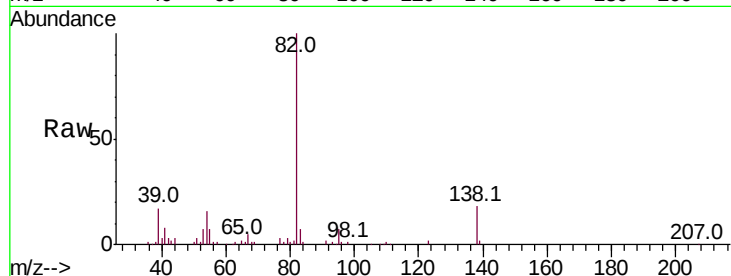
Tot Ion: 82 Resp: 76962

Ion Ratio Lower Upper

82 100

95 7.0 5.7 8.5

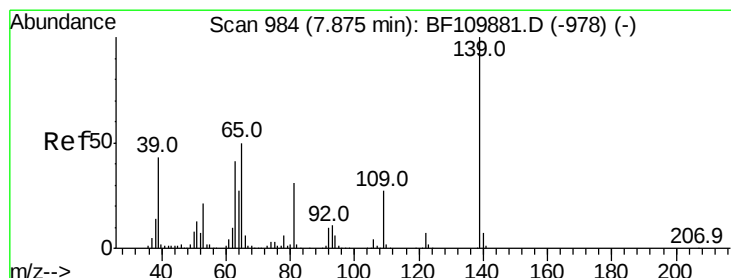
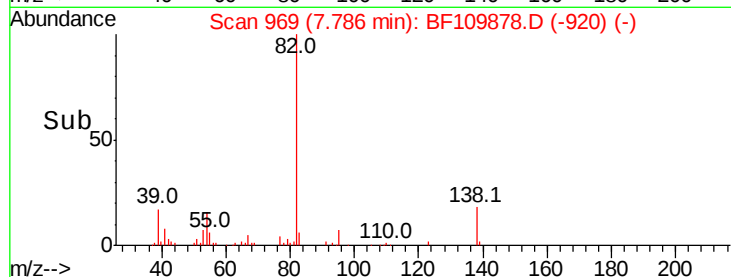
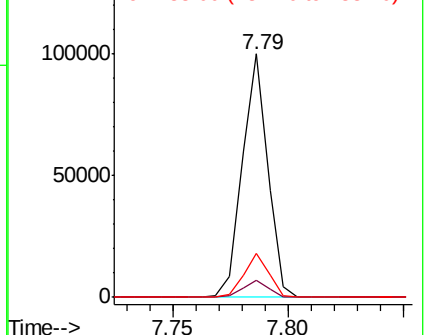
138 17.8 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 1.156 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF109878.D

Acq: 15 Oct 2018 14:52

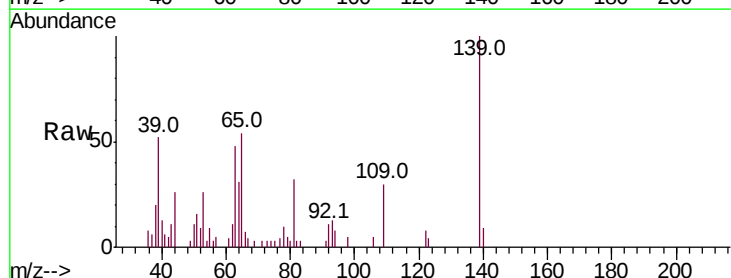
Tgt Ion: 139 Resp: 9865

Ion Ratio Lower Upper

139 100

109 29.9 25.0 37.6

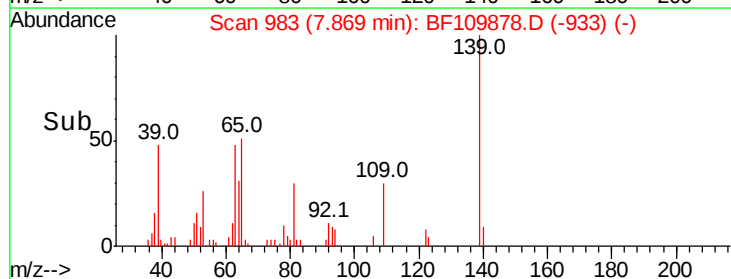
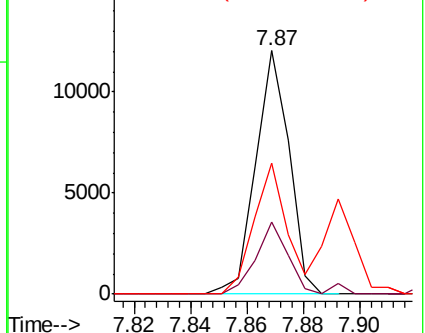
65 53.9 44.0 66.0

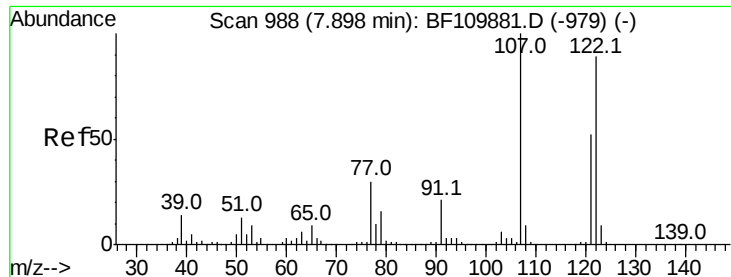


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

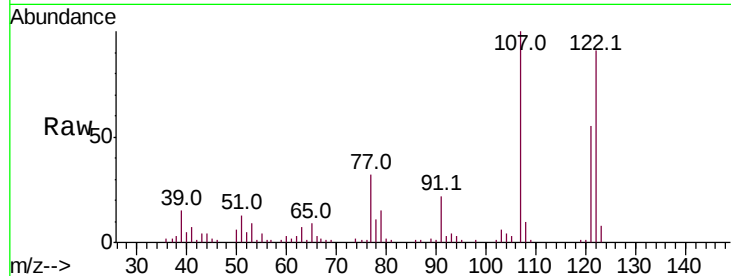




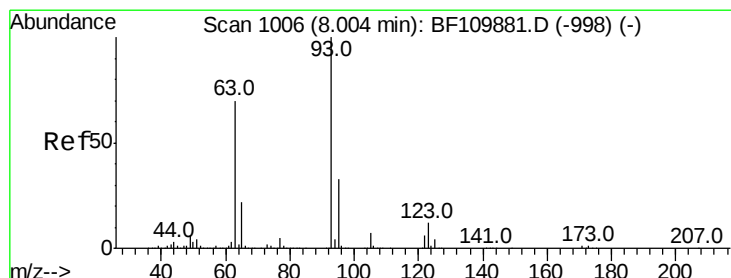
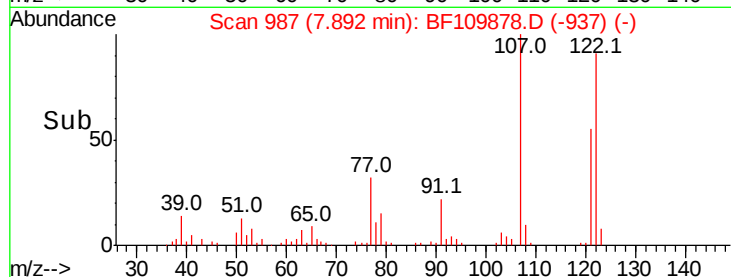
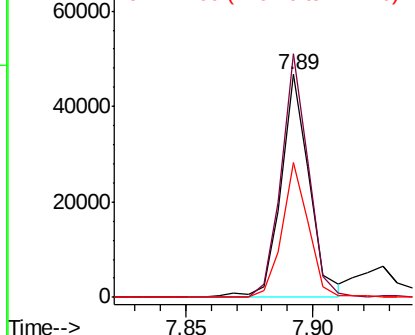
#27
 2,4-Dimethylphenol
 Concen: 2.975 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BF109878.D
 Acq: 15 Oct 2018 14:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 36646
 Ion Ratio Lower Upper
 122 100
 107 109.4 92.5 138.7
 121 60.3 45.8 68.8

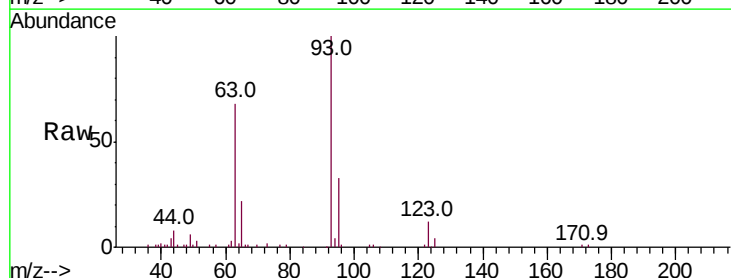


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

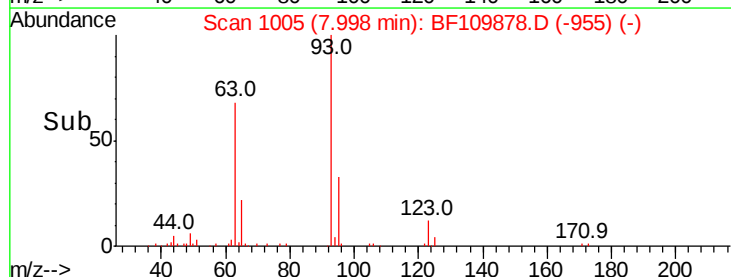
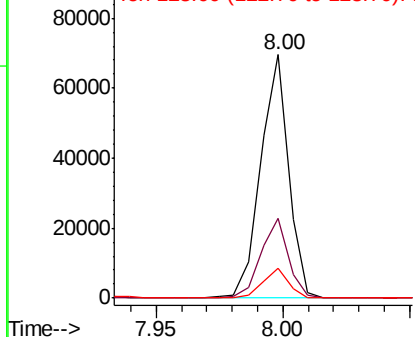


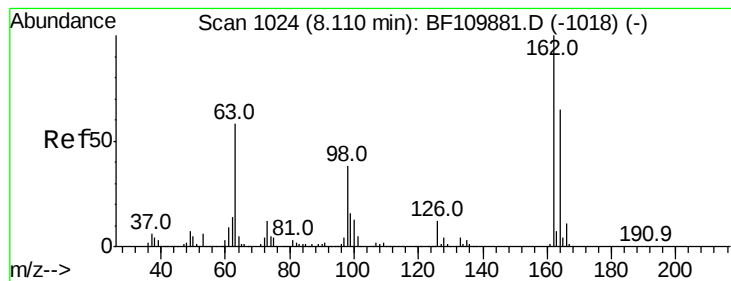
#28
 bis(2-Chloroethoxy)methane
 Concen: 2.720 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BF109878.D
 Acq: 15 Oct 2018 14:52

Tgt Ion: 93 Resp: 53548
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.4 39.6
 123 12.1 9.0 13.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 2.426 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF109878.D

Acq: 15 Oct 2018 14:52

Instrument :

BNA_F

ClientSampleId :

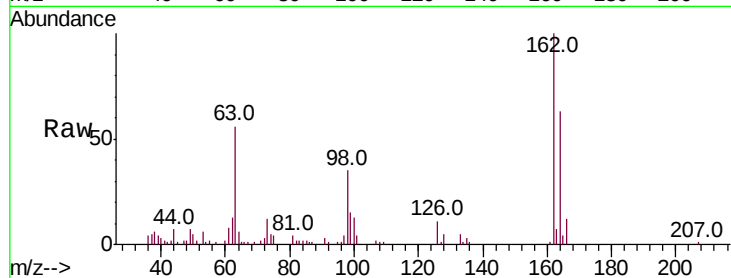
Tot Ion:162 Resp: 33517

Ion Ratio Lower Upper

162 100

164 63.5 44.6 84.6

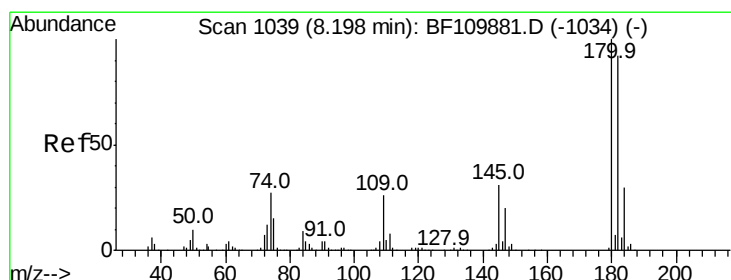
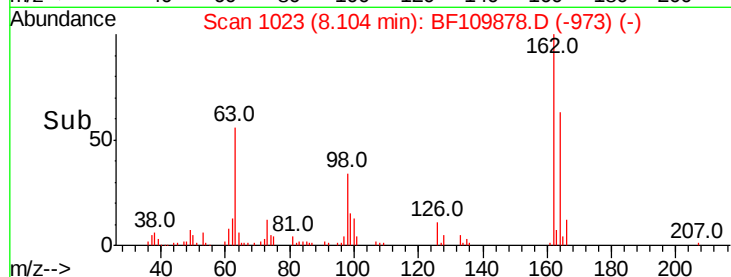
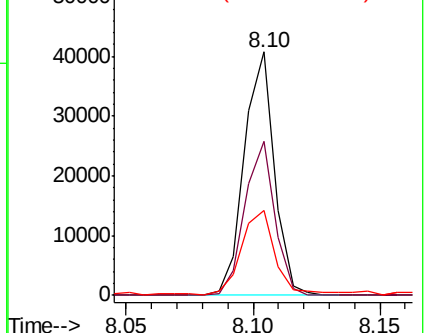
98 34.8 17.4 57.4



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: 2.667 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF109878.D

Acq: 15 Oct 2018 14:52

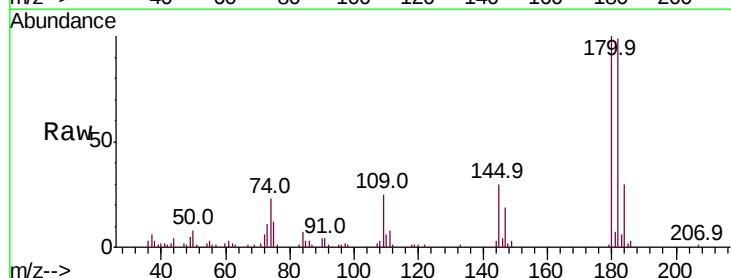
Tgt Ion:180 Resp: 40791

Ion Ratio Lower Upper

180 100

182 98.9 80.3 120.5

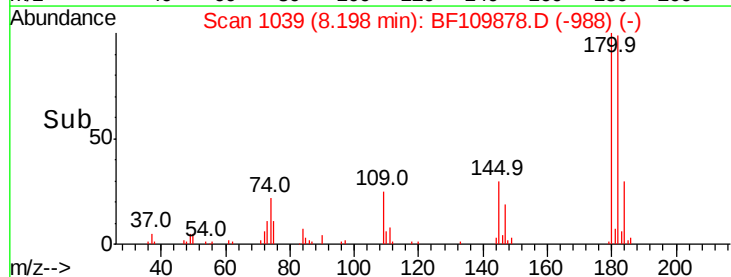
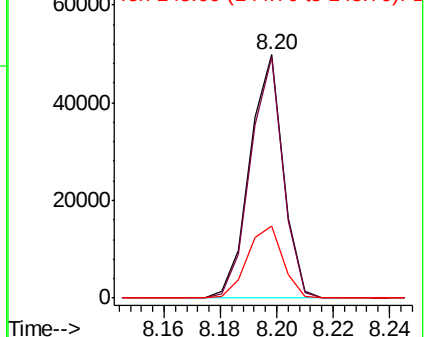
145 29.7 25.4 38.0

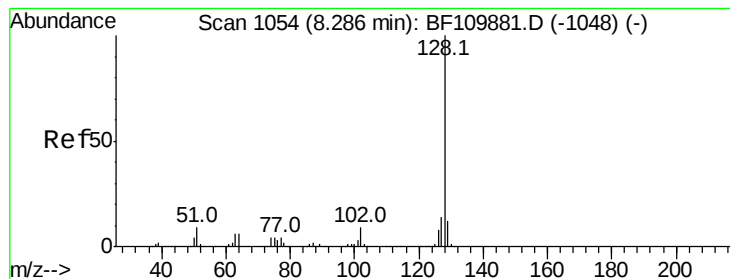


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 2.898 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BF109878.D

Acq: 15 Oct 2018 14:52

Instrument :

BNA_F

ClientSampleId :

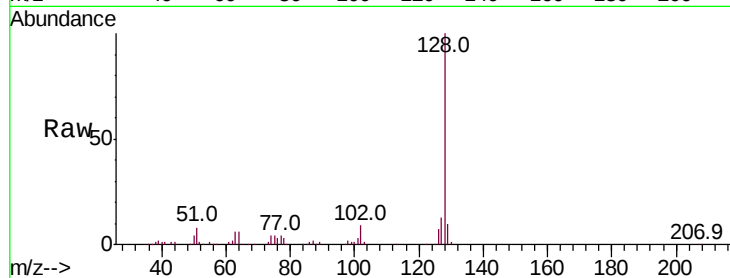
Tot Ion:128 Resp: 129463

Ion Ratio Lower Upper

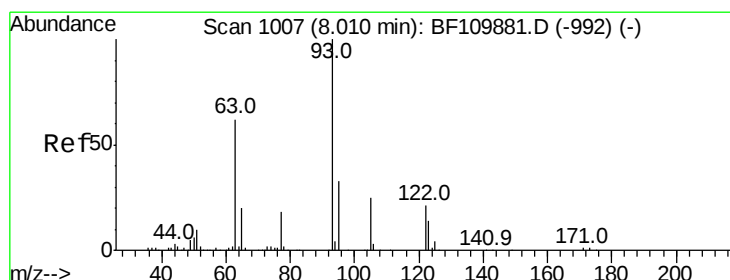
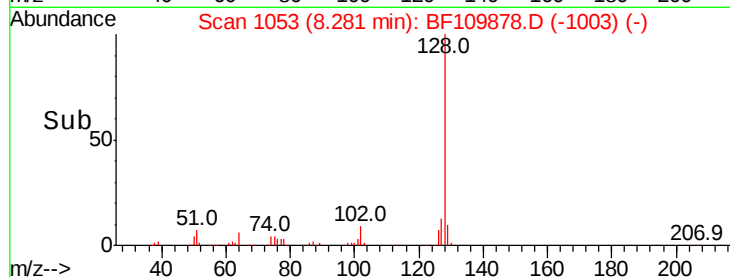
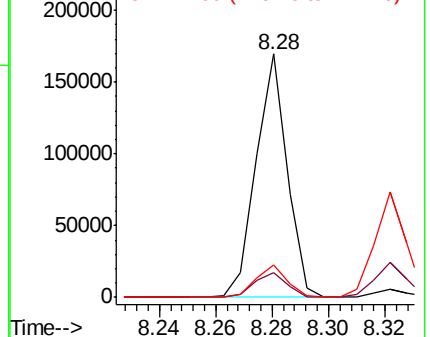
128 100

129 10.3 8.8 13.2

127 13.3 10.8 16.2



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: 1.023 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.08 min

Lab File: BF109878.D

Acq: 15 Oct 2018 14:52

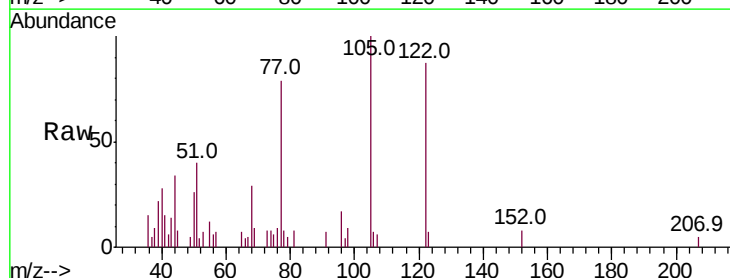
Tgt Ion:122 Resp: 9008

Ion Ratio Lower Upper

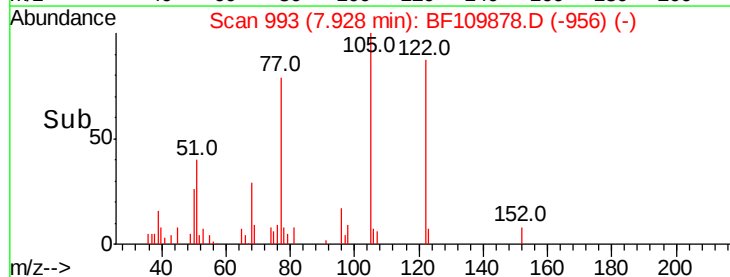
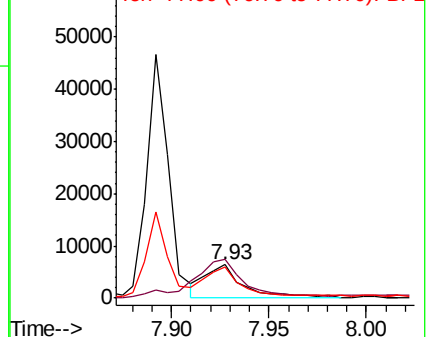
122 100

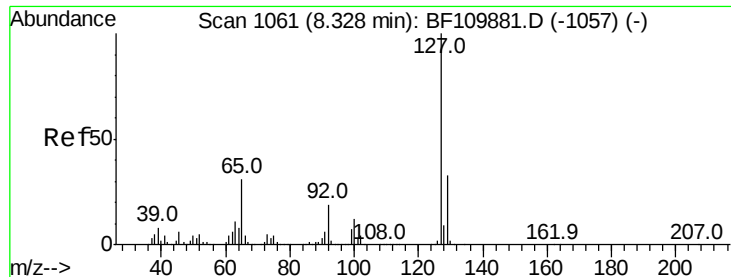
105 115.5 109.0 149.0

77 91.6 79.0 119.0



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

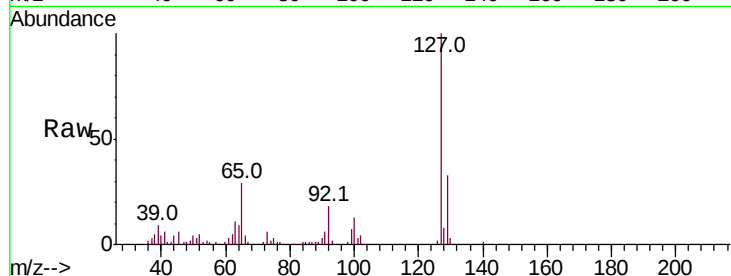




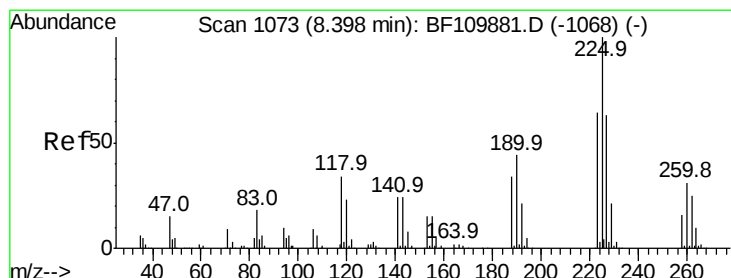
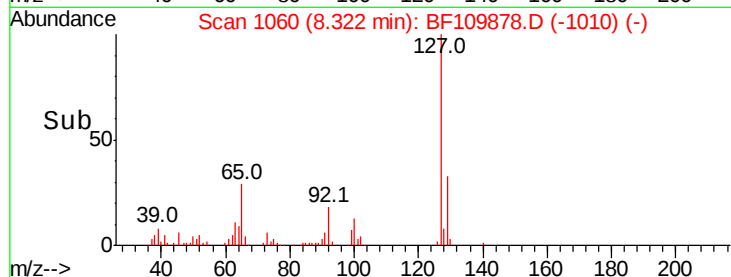
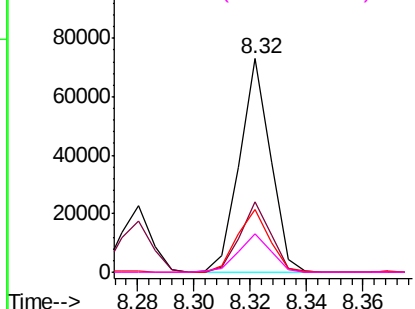
#33
 4-Chloroaniline
 Concen: 2.828 ng
 RT: 8.32 min Scan# 1060
 Delta R.T. -0.01 min
 Lab File: BF109878.D
 Acq: 15 Oct 2018 14:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	55639
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.0	39.0
65	29.2	25.1	37.7
92	18.1	15.0	22.6

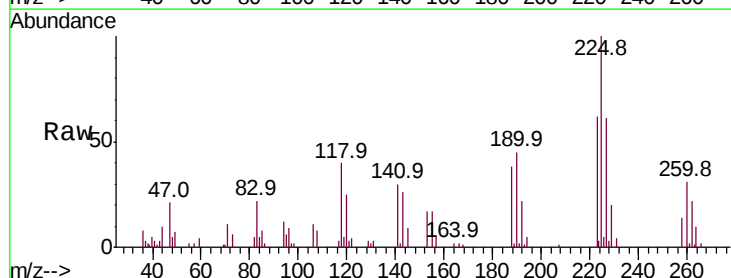


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

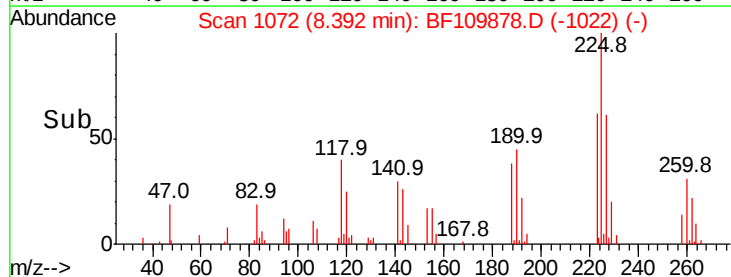
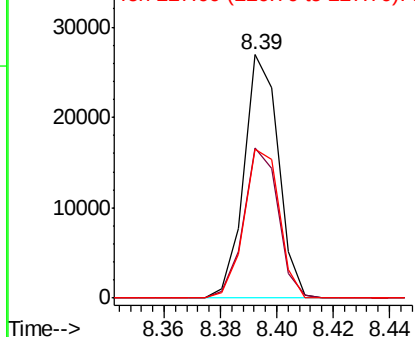


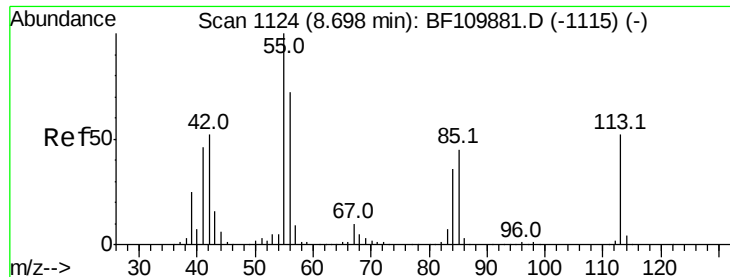
#34
 Hexachlorobutadiene
 Concen: 2.391 ng
 RT: 8.39 min Scan# 1072
 Delta R.T. -0.01 min
 Lab File: BF109878.D
 Acq: 15 Oct 2018 14:52

Tgt Ion:	225	Resp:	22741
Ion	Ratio	Lower	Upper
225	100		
223	61.8	51.4	77.2
227	60.9	51.0	76.6



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

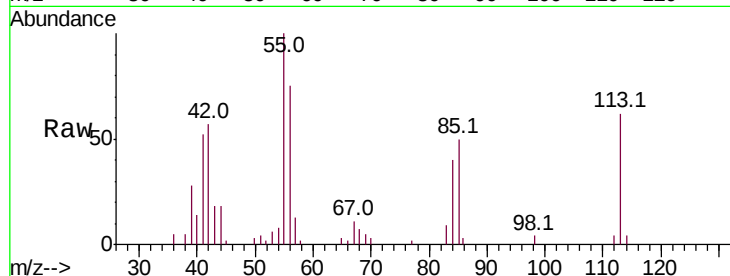




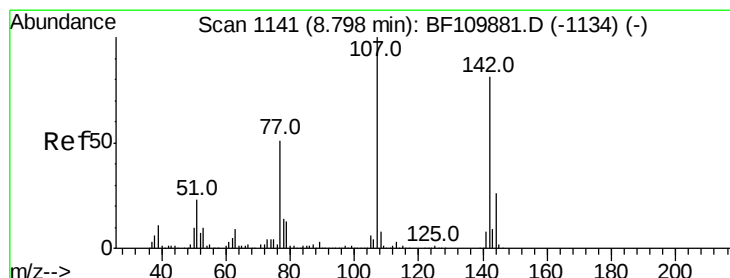
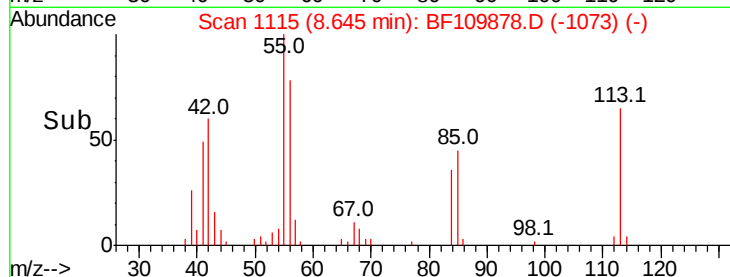
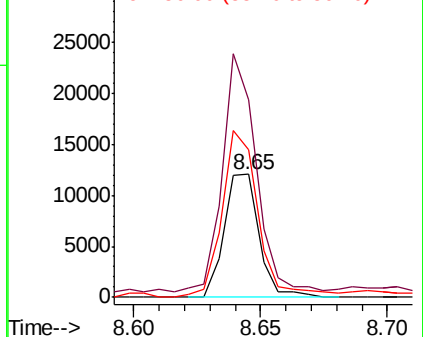
#35
Caprolactam
Concen: 2.798 ng
RT: 8.65 min Scan# 1115
Delta R.T. -0.05 min
Lab File: BF109878.D
Acq: 15 Oct 2018 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 11544
Ion Ratio Lower Upper
113 100
55 160.0 142.8 182.8
56 119.6 105.0 145.0

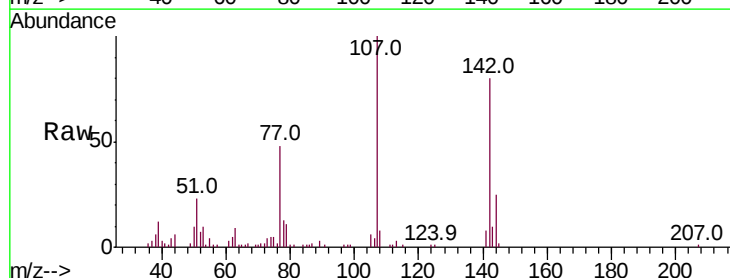


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

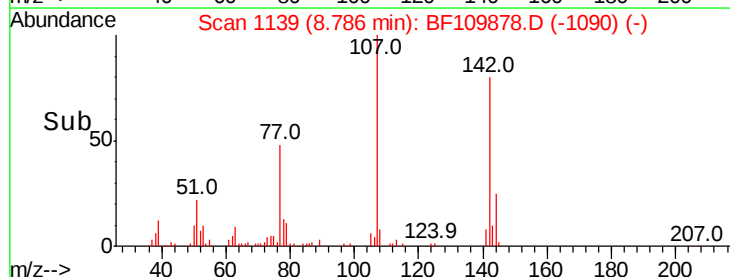
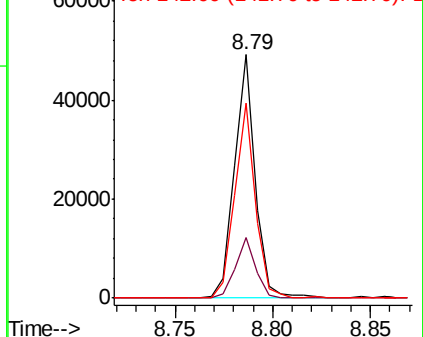


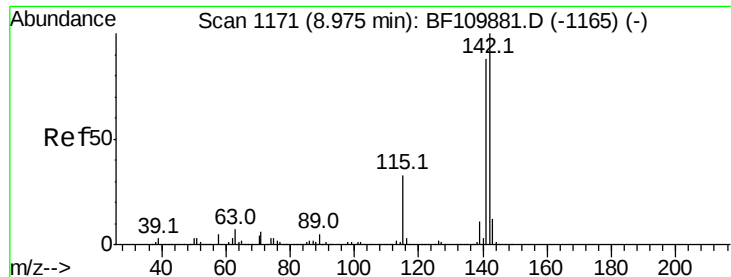
#36
4-Chloro-3-methylphenol
Concen: 2.491 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF109878.D
Acq: 15 Oct 2018 14:52

Tgt Ion:107 Resp: 36327
Ion Ratio Lower Upper
107 100
144 24.9 20.0 30.0
142 79.9 59.7 89.5



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

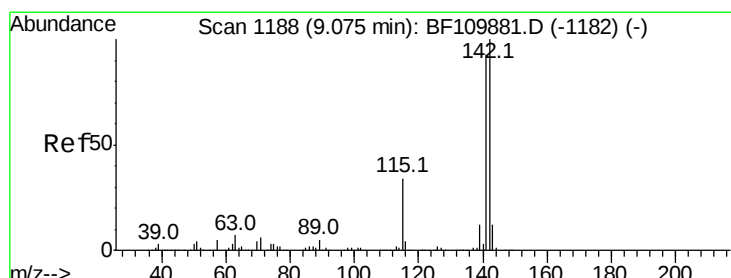
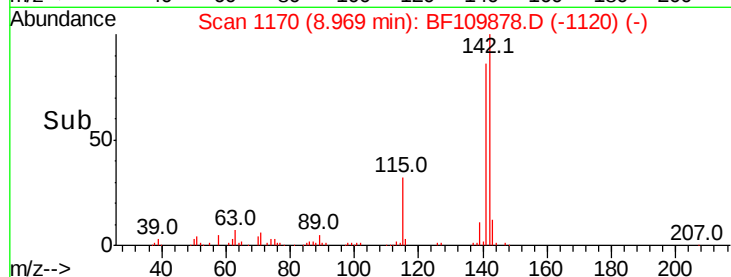
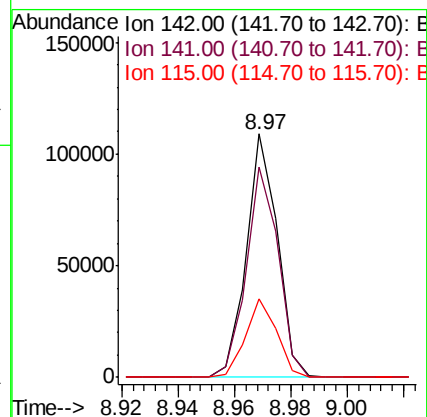
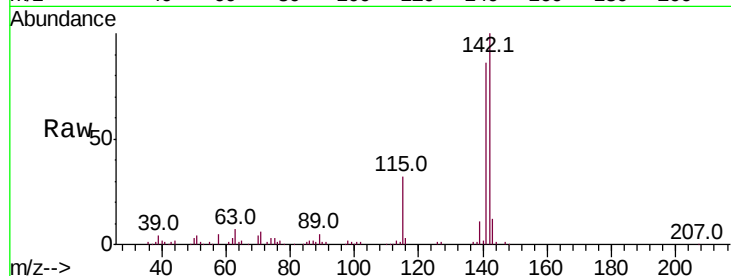




#37
2-Methylnaphthalene
Concen: 2.835 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF109878.D
Acq: 15 Oct 2018 14:52

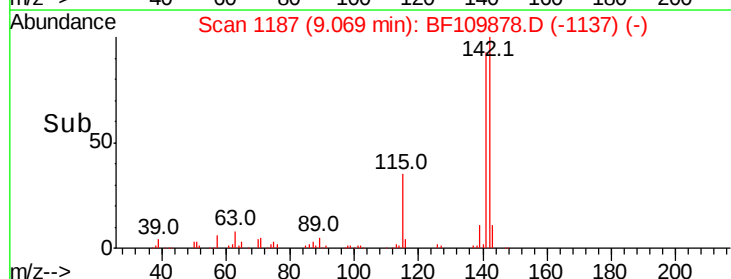
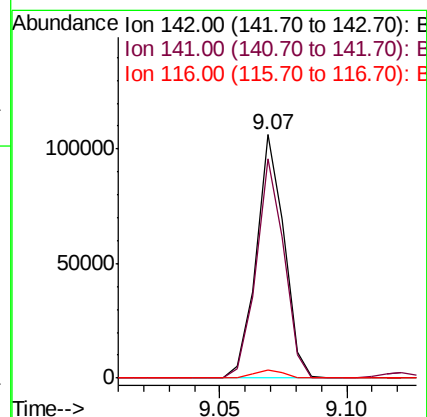
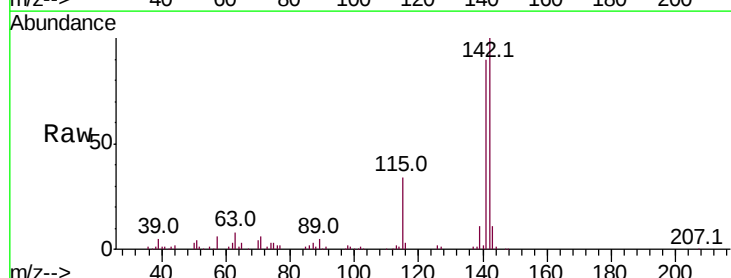
Instrument :
BNA_F
ClientSampled :

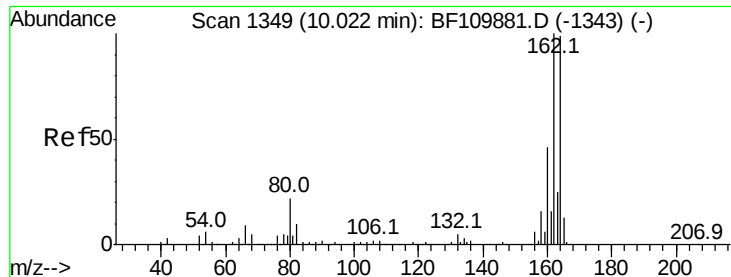
Tot Ion:142 Resp: 82973
Ion Ratio Lower Upper
142 100
141 86.3 71.4 107.2
115 32.5 28.7 43.1



#38
1-Methylnaphthalene
Concen: 2.802 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF109878.D
Acq: 15 Oct 2018 14:52

Tgt Ion:142 Resp: 81541
Ion Ratio Lower Upper
142 100
141 90.0 74.2 111.4
116 3.4 2.6 4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF109878.D

Acq: 15 Oct 2018 14:52

Instrument :

BNA_F

ClientSampleId :

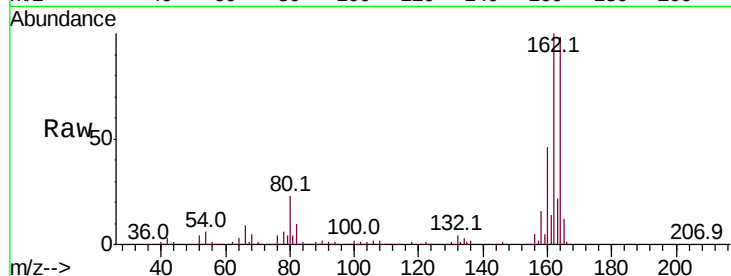
Tot Ion:164 Resp: 456058

Ion Ratio Lower Upper

164 100

162 102.1 83.0 124.6

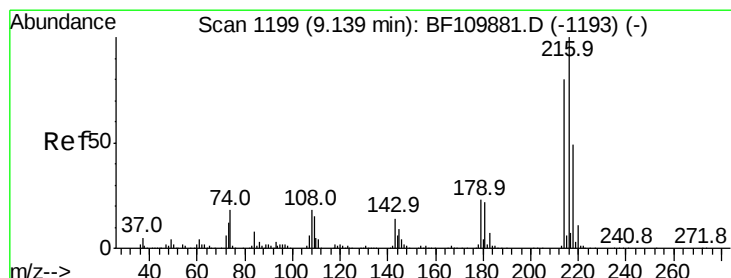
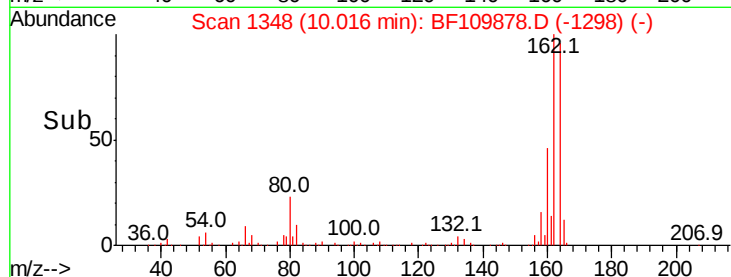
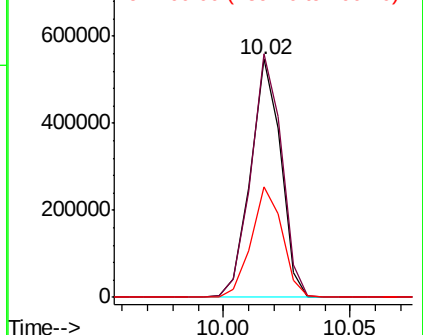
160 46.5 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 2.680 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BF109878.D

Acq: 15 Oct 2018 14:52

Tgt Ion:216 Resp: 41612

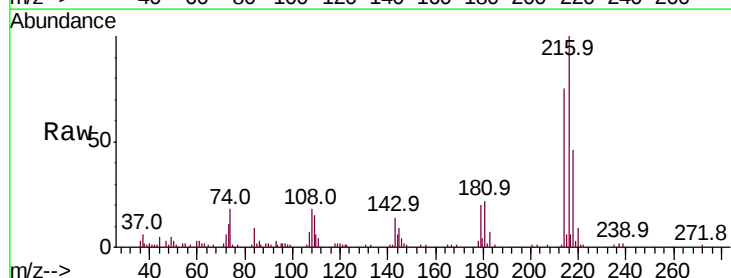
Ion Ratio Lower Upper

216 100

214 74.8 63.8 95.6

179 21.2 16.6 25.0

108 18.8 15.1 22.7

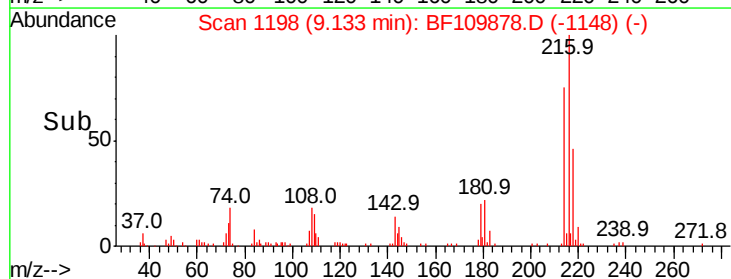
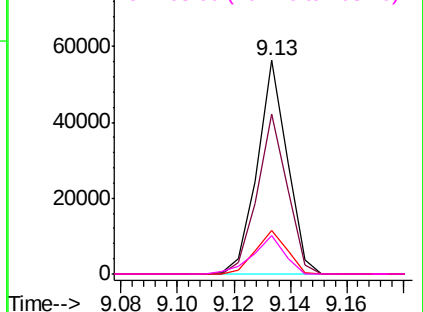


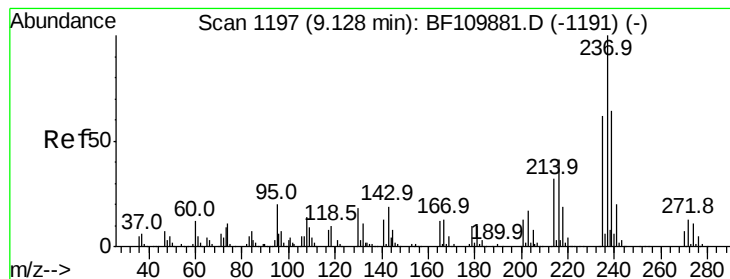
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 2.668 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF109878.D

Acq: 15 Oct 2018 14:52

Instrument :

BNA_F

ClientSampled :

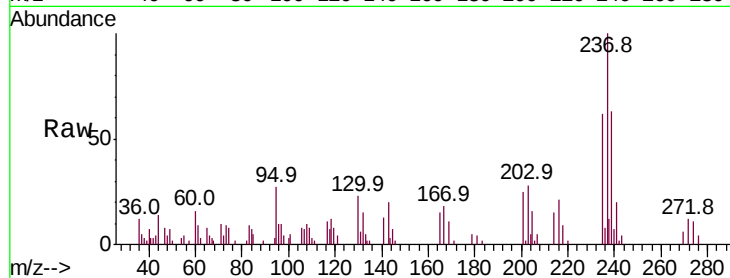
Tot Ion:237 Resp: 15112

Ion Ratio Lower Upper

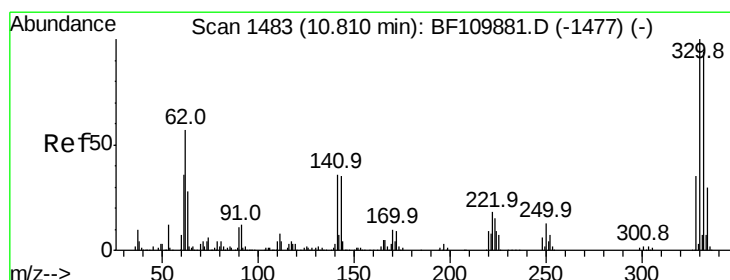
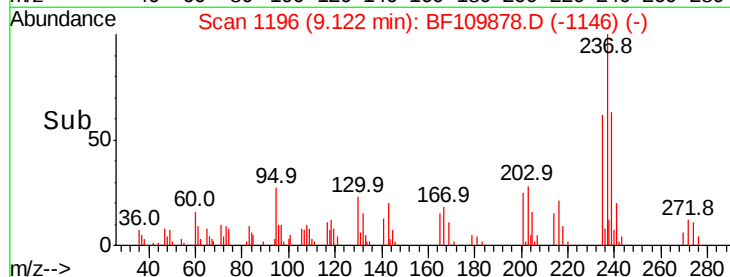
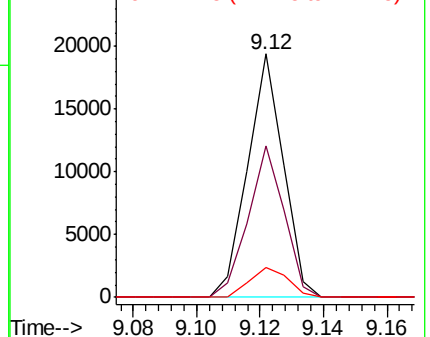
237 100

235 62.3 43.1 83.1

272 12.2 0.0 32.6



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



#42

2,4,6-Tribromophenol

Concen: 3.810 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF109878.D

Acq: 15 Oct 2018 14:52

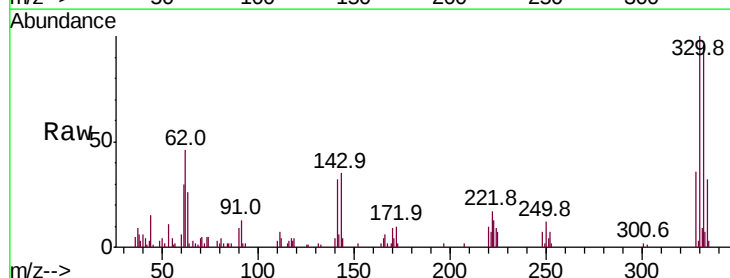
Tgt Ion:330 Resp: 18934

Ion Ratio Lower Upper

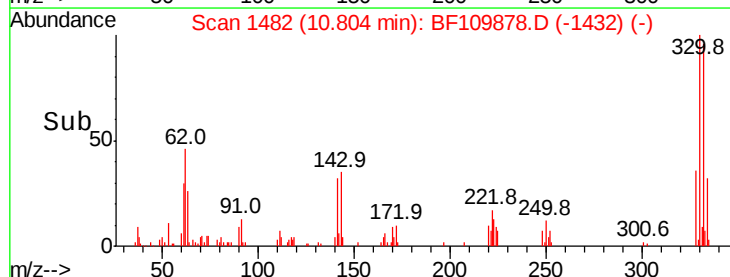
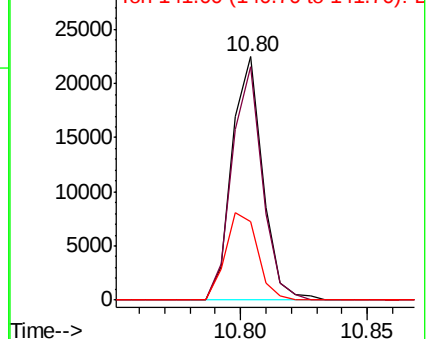
330 100

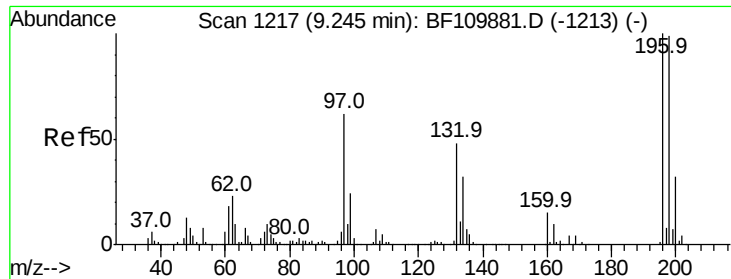
332 94.6 77.1 115.7

141 37.6 27.0 40.4



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

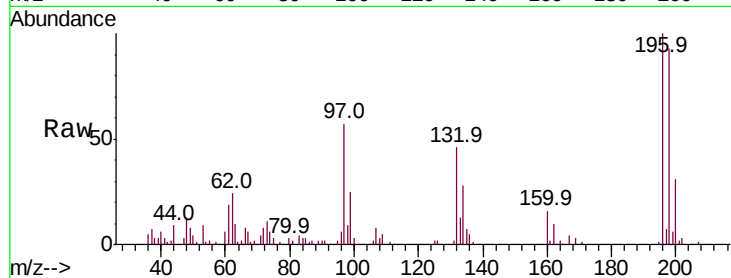




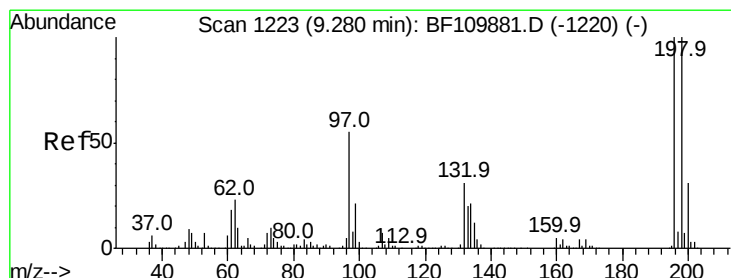
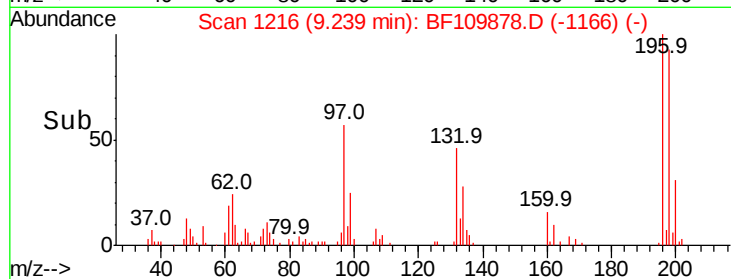
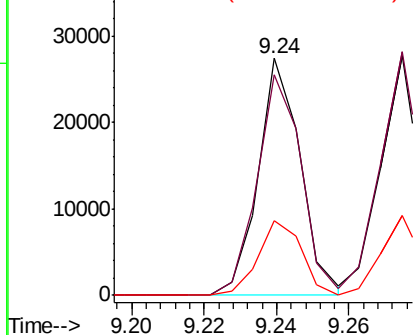
#43
 2,4,6-Trichlorophenol
 Concen: 2.370 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF109878.D
 Acq: 15 Oct 2018 14:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 21996
 Ion Ratio Lower Upper
 196 100
 198 93.3 76.2 114.4
 200 31.3 24.4 36.6

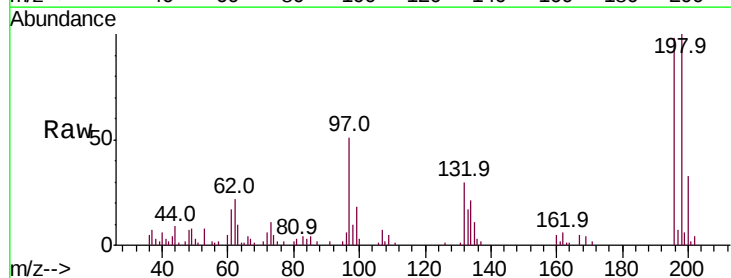


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

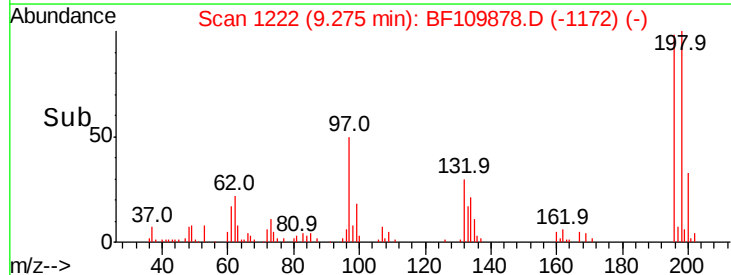
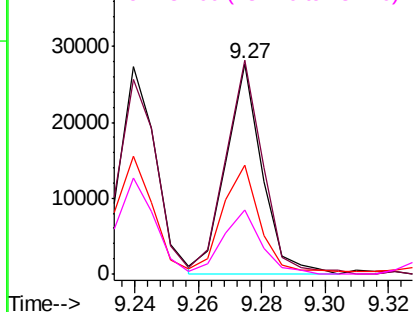


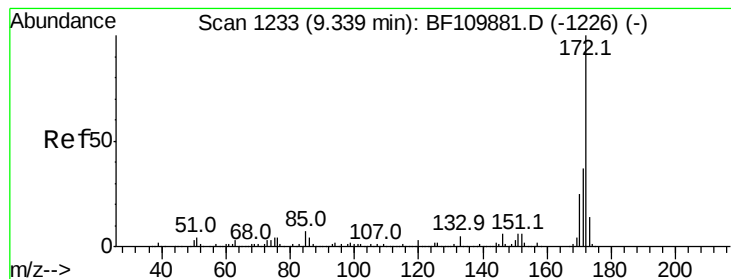
#44
 2,4,5-Trichlorophenol
 Concen: 2.046 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF109878.D
 Acq: 15 Oct 2018 14:52

Tgt Ion:196 Resp: 21832
 Ion Ratio Lower Upper
 196 100
 198 101.6 75.8 113.6
 97 51.6 42.4 63.6
 132 30.5 22.8 34.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

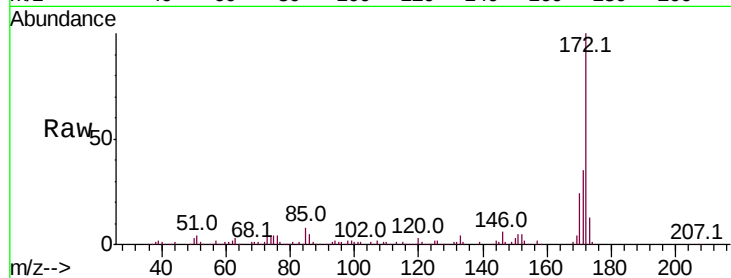




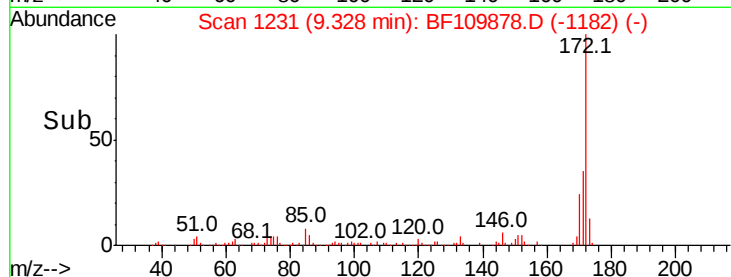
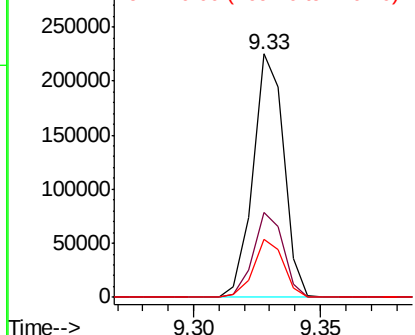
#45
 2-Fluorobiphenyl
 Concen: 5.769 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF109878.D
 Acq: 15 Oct 2018 14:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 191041
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.6 43.0
 170 23.6 19.7 29.5

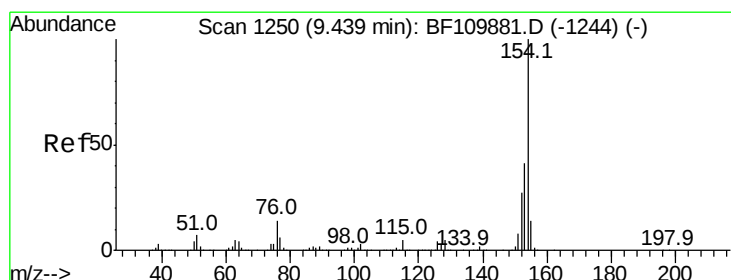


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

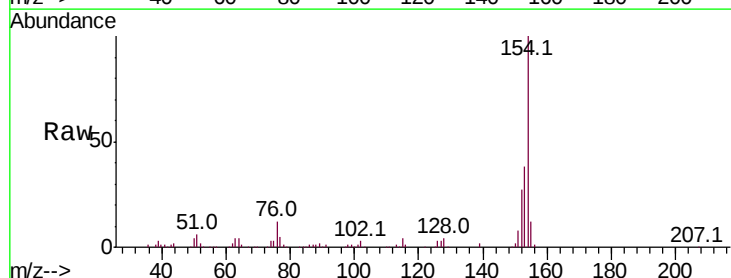
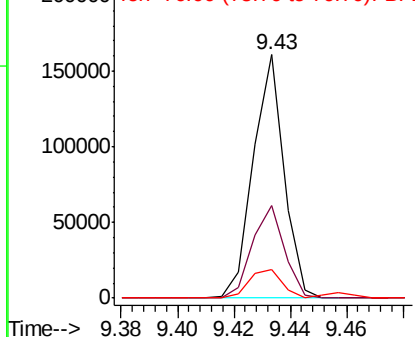


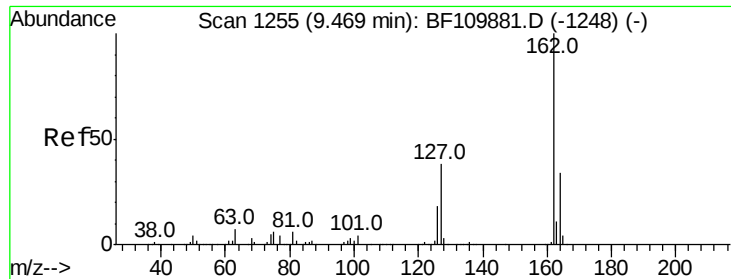
#46
 1,1'-Biphenyl
 Concen: 2.988 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF109878.D
 Acq: 15 Oct 2018 14:52

Tgt Ion:154 Resp: 121745
 Ion Ratio Lower Upper
 154 100
 153 38.3 20.4 60.4
 76 11.7 0.0 31.9



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





#47

2-Chloronaphthalene

Concen: 2.868 ng

RT: 9.46 min Scan# 1253

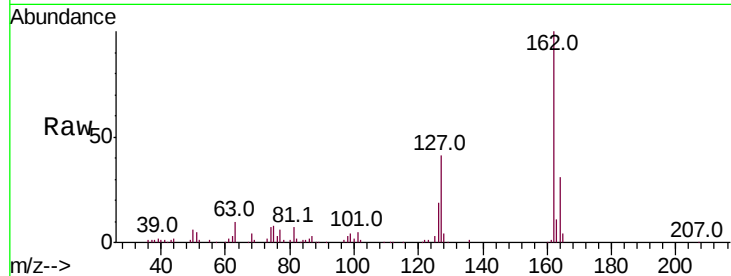
Delta R.T. -0.01 min

Lab File: BF109878.D

Acq: 15 Oct 2018 14:52

Instrument :
BNA_F
ClientSampleId :

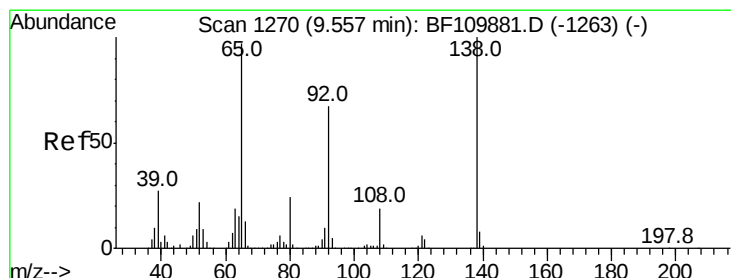
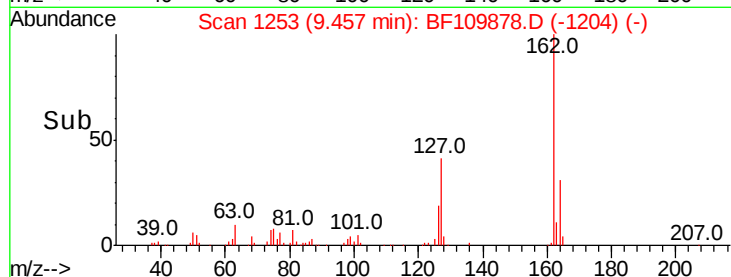
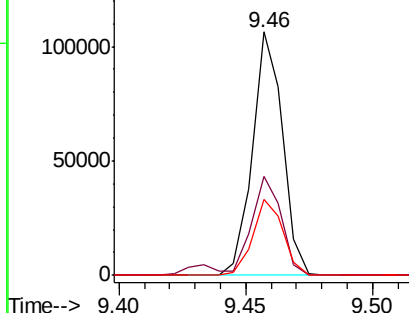
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.8	32.6	48.8
164	31.0	25.9	38.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 1.186 ng

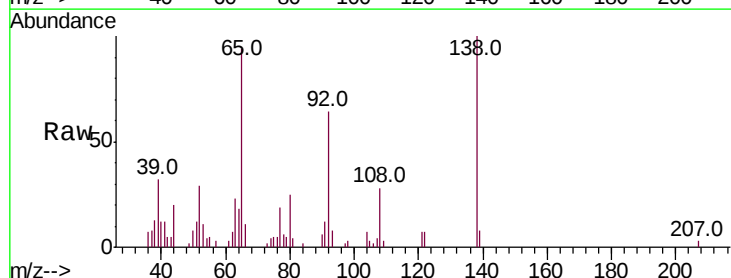
RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF109878.D

Acq: 15 Oct 2018 14:52

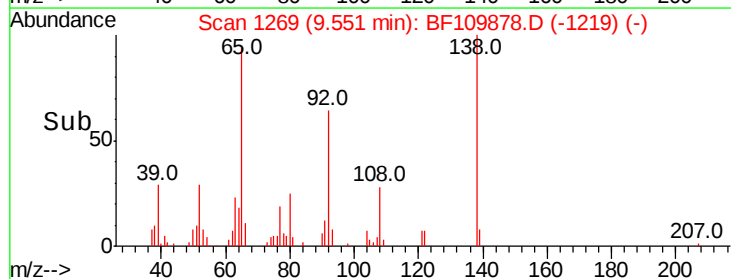
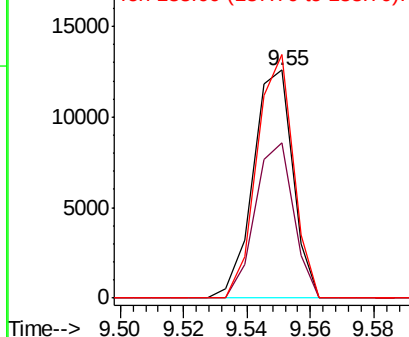
Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.4	54.6	81.8
138	106.9	80.3	120.5

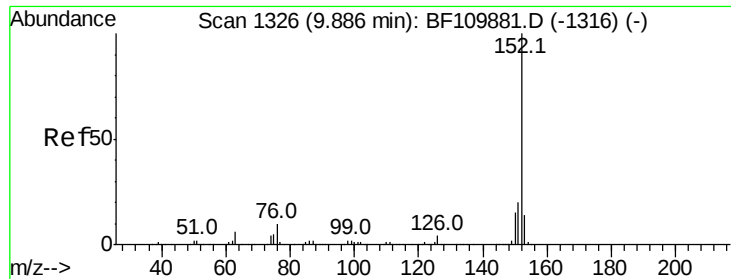


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E

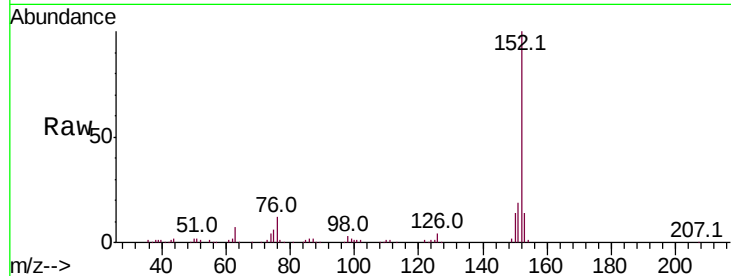




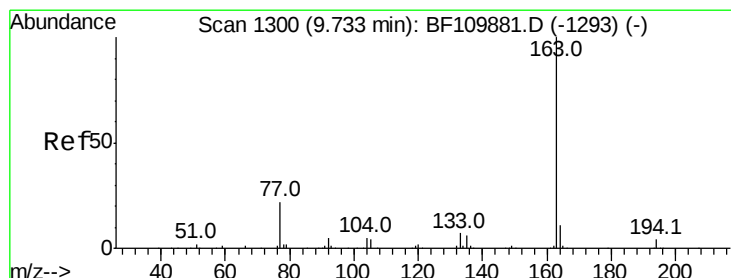
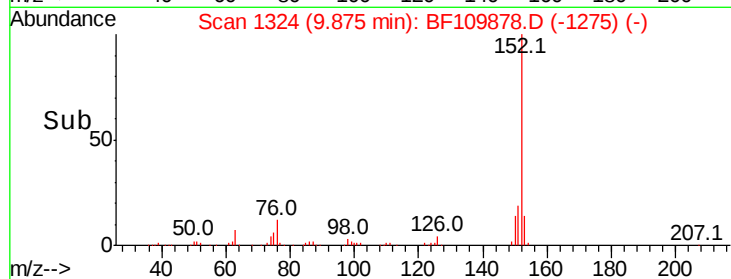
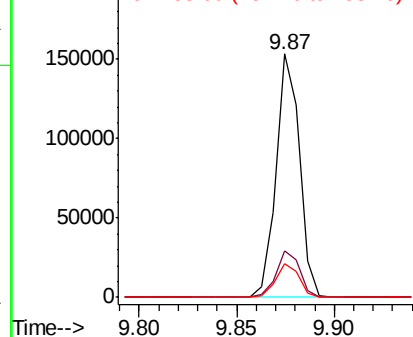
#49
Acenaphthylene
Concen: 2.854 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF109878.D
Acq: 15 Oct 2018 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.8	23.8
153	13.8	10.4	15.6

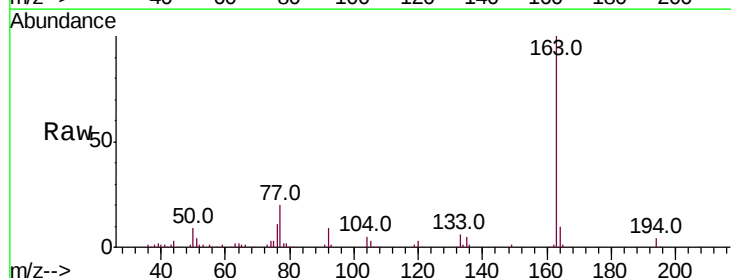


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

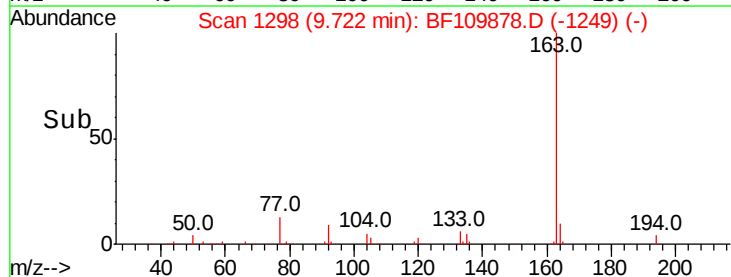
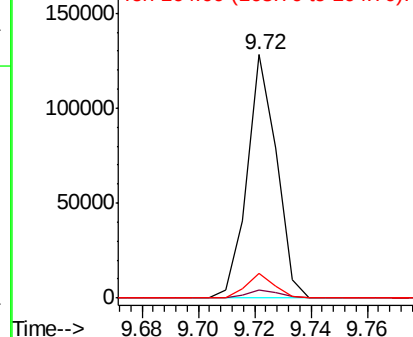


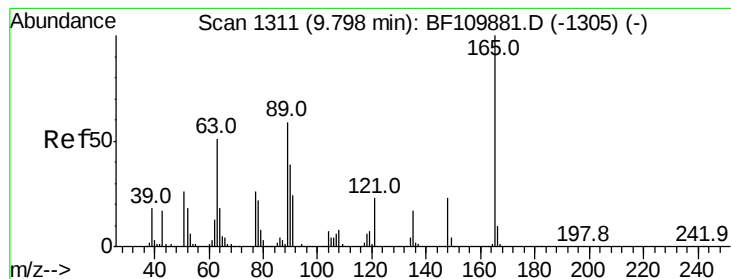
#50
Dimethylphthalate
Concen: 2.766 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109878.D
Acq: 15 Oct 2018 14:52

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	10.0	8.1	12.1



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





#51

2,6-Dinitrotoluene

Concen: 1.108 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF109878.D

Acq: 15 Oct 2018 14:52

Instrument :

BNA_F

ClientSampleId :

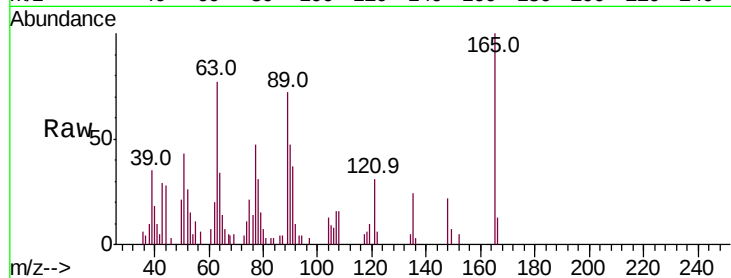
Tot Ion:165 Resp: 8031

Ion Ratio Lower Upper

165 100

63 77.1 48.9 73.3#

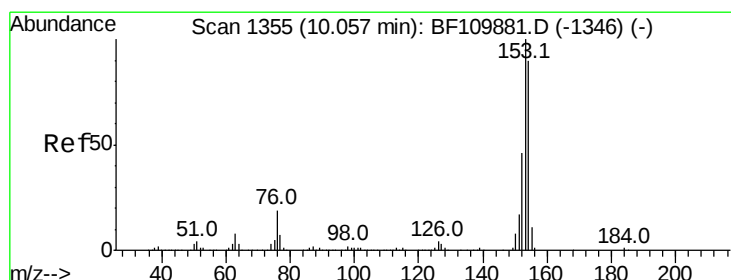
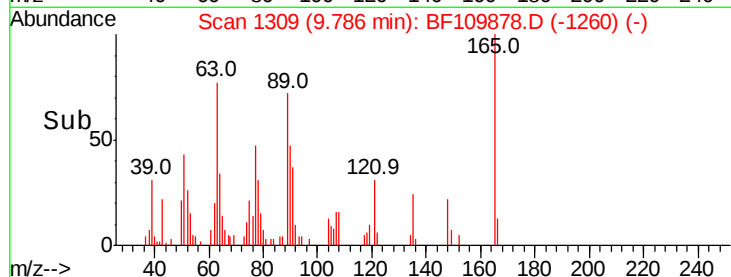
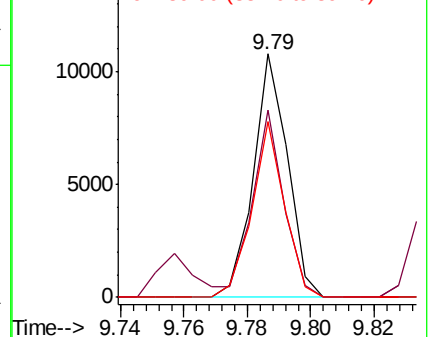
89 72.1 46.6 69.8#



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



#52

Acenaphthene

Concen: 3.021 ng

RT: 10.05 min Scan# 1354

Delta R.T. -0.01 min

Lab File: BF109878.D

Acq: 15 Oct 2018 14:52

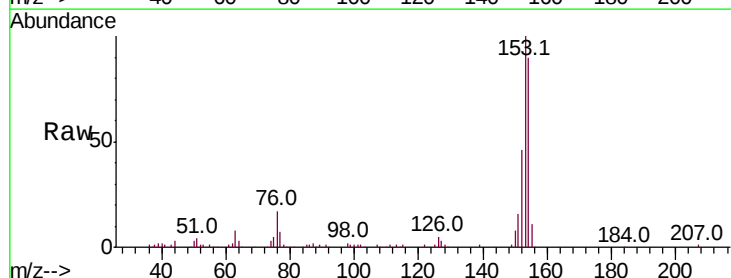
Tgt Ion:154 Resp: 79687

Ion Ratio Lower Upper

154 100

153 110.8 90.1 135.1

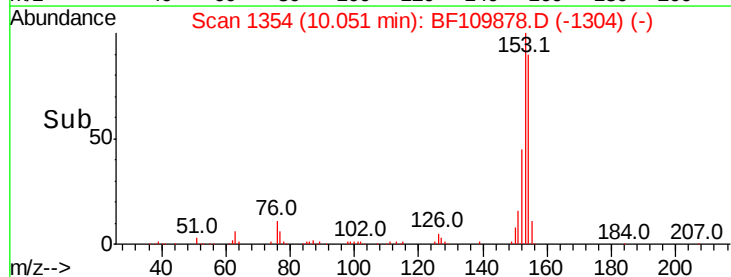
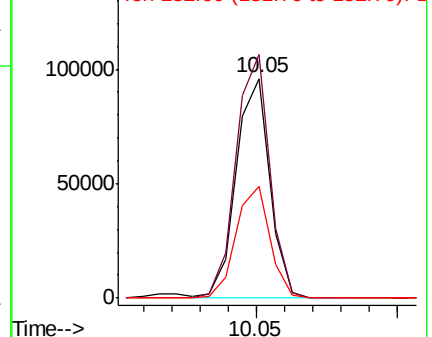
152 50.8 43.4 65.2

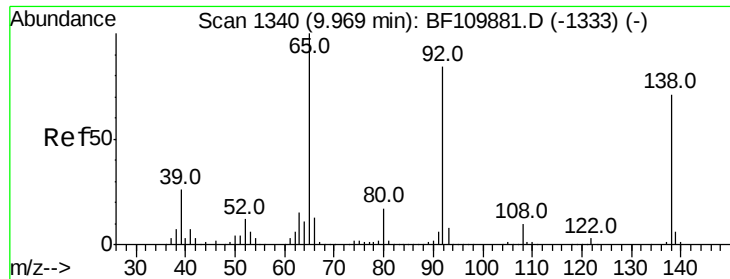


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

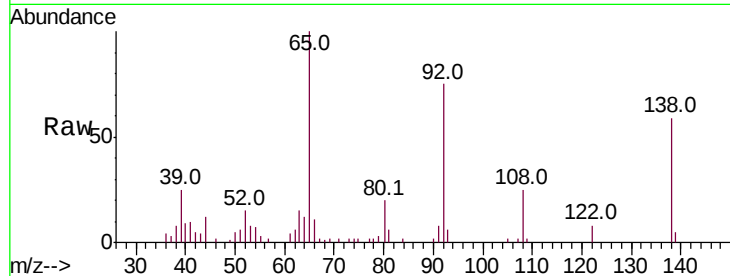




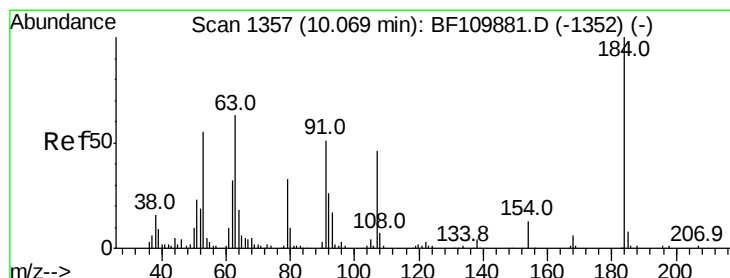
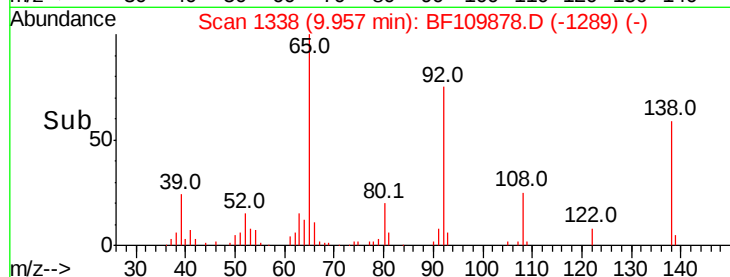
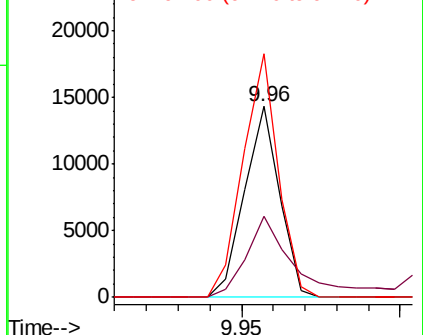
#53
3-Nitroaniline
Concen: 1.352 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF109878.D
Acq: 15 Oct 2018 14:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 10989
Ion Ratio Lower Upper
138 100
108 42.7 8.7 13.1#
92 127.7 97.0 145.4

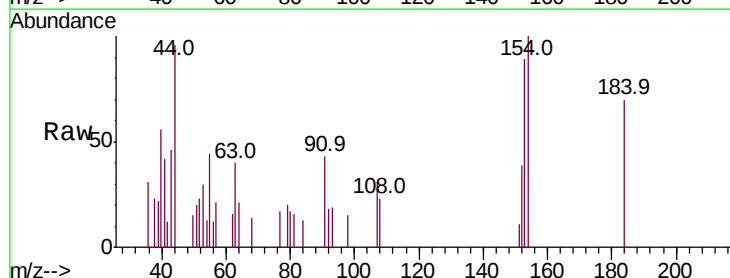


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

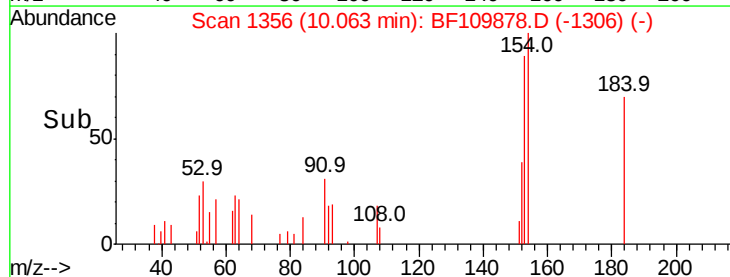
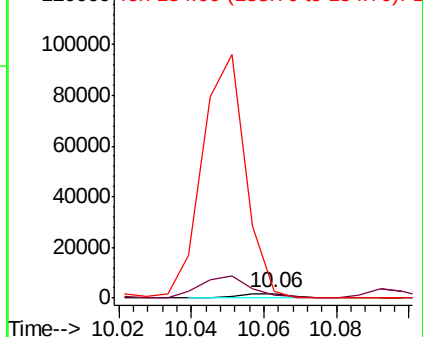


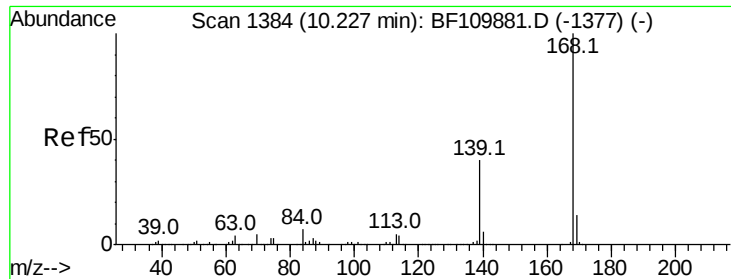
#54
2,4-Dinitrophenol
Concen: 0.679 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF109878.D
Acq: 15 Oct 2018 14:52

Tgt Ion:184 Resp: 1589
Ion Ratio Lower Upper
184 100
63 56.9 55.8 83.6
154 142.8 63.2 94.8#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

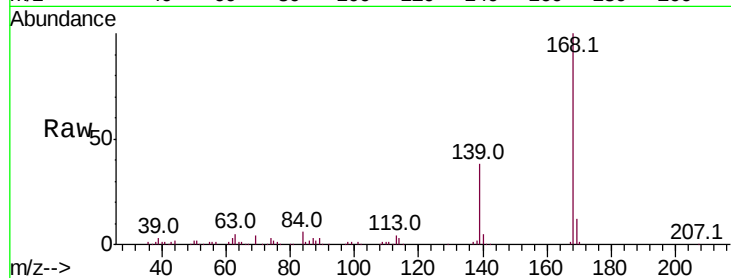




#55
Dibenzofuran
Concen: 2.949 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF109878.D
Acq: 15 Oct 2018 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.1	33.0	49.6
169	12.5	11.3	16.9

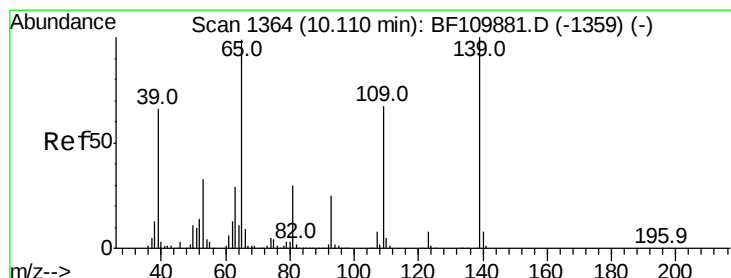
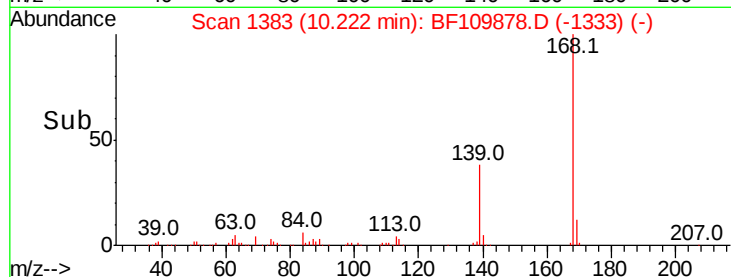
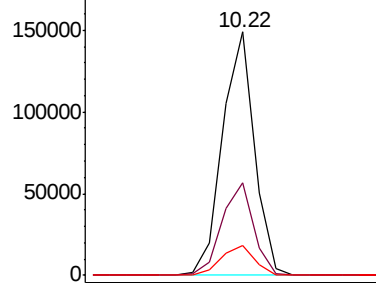


Abundance

Ion 168.00 (167.70 to 168.70): E

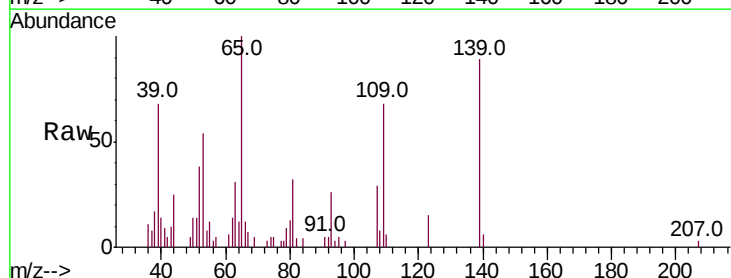
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 1.913 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.02 min
Lab File: BF109878.D
Acq: 15 Oct 2018 14:52

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.6	55.8	95.8
65	112.8	77.9	117.9

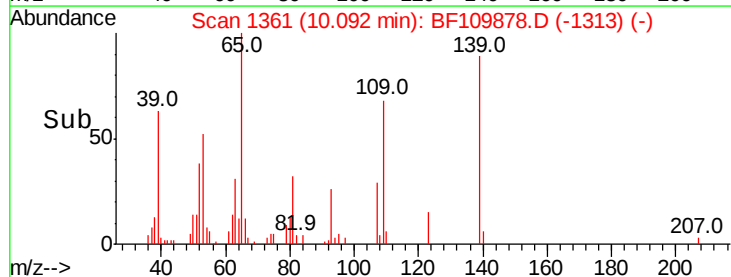
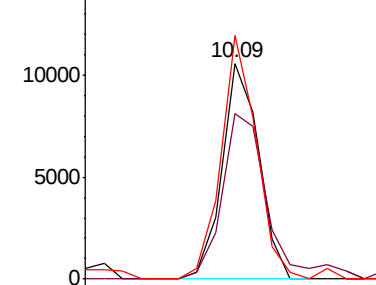


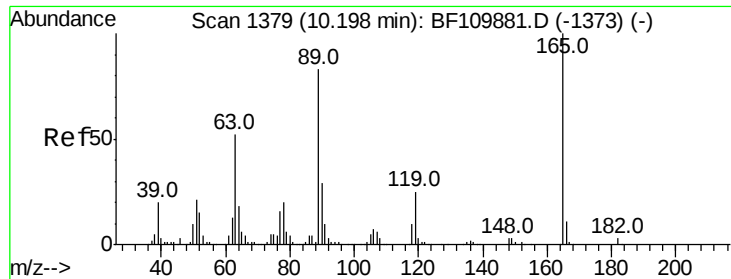
Abundance

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

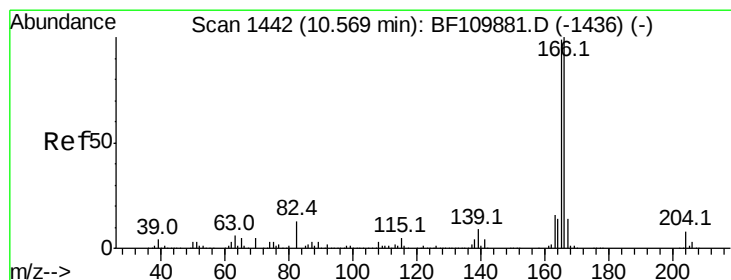
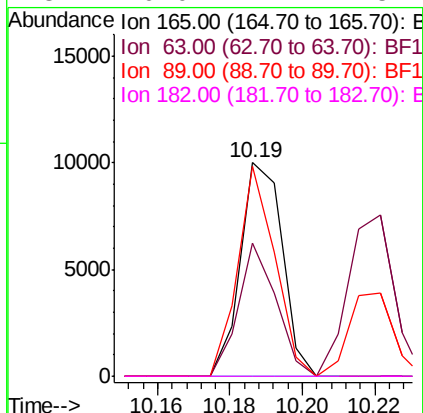
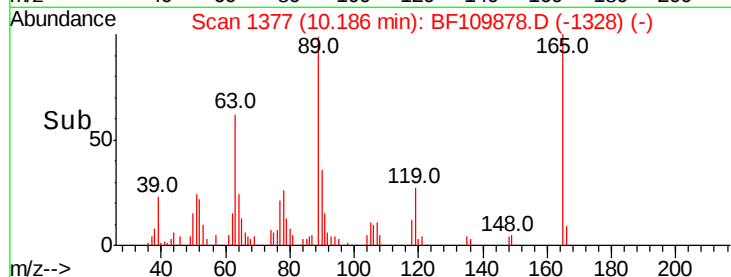
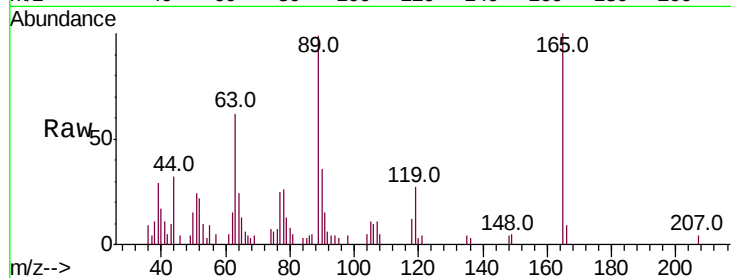




#57
2,4-Dinitrotoluene
Concen: 0.885 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF109878.D
Acq: 15 Oct 2018 14:52

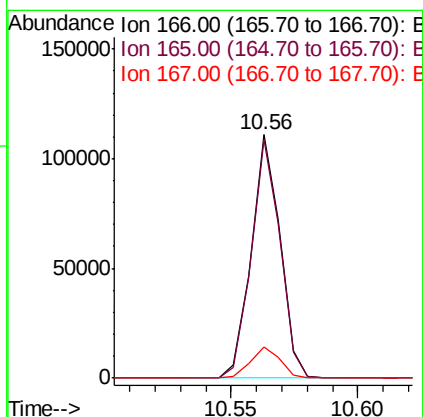
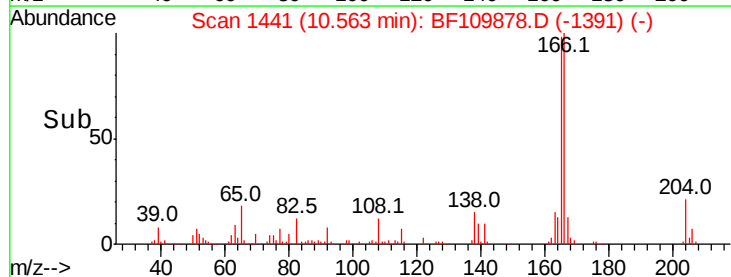
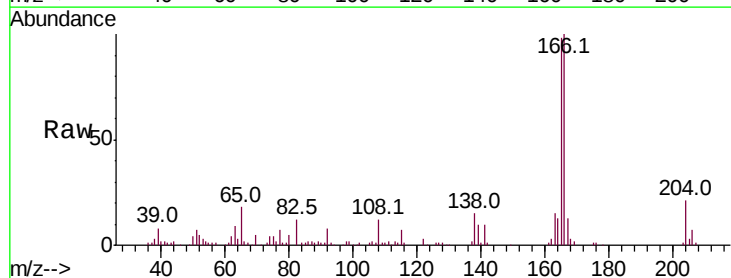
Instrument :
BNA_F
ClientSampleId :

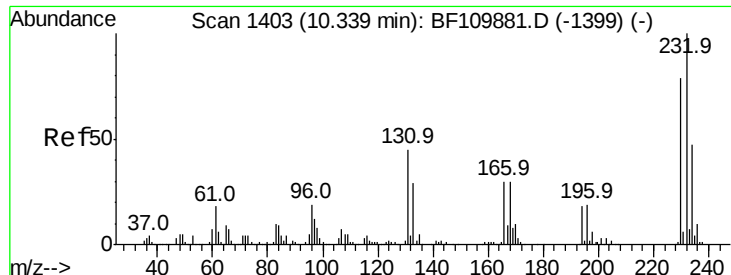
Tot Ion:165 Resp: 8004
Ion Ratio Lower Upper
165 100
63 62.1 44.8 67.2
89 98.5 62.2 93.4#
182 0.0 2.1 3.1#



#58
Fluorene
Concen: 2.979 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF109878.D
Acq: 15 Oct 2018 14:52

Tgt Ion:166 Resp: 87965
Ion Ratio Lower Upper
166 100
165 98.2 78.6 117.8
167 13.0 10.8 16.2

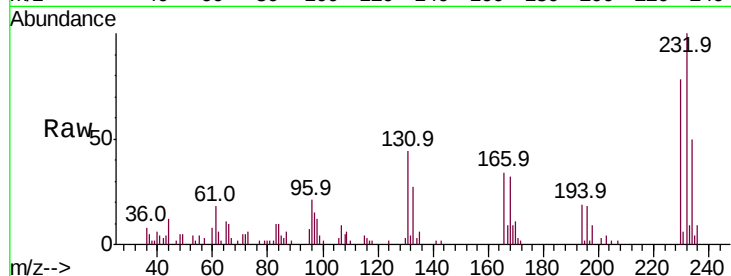




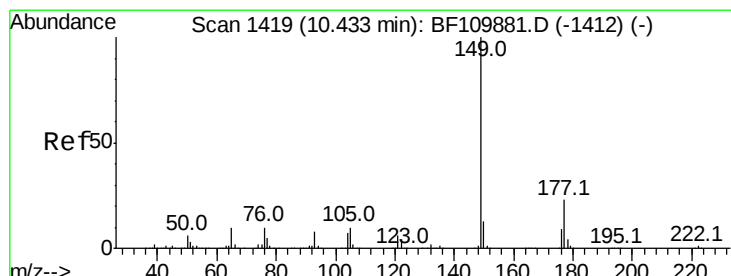
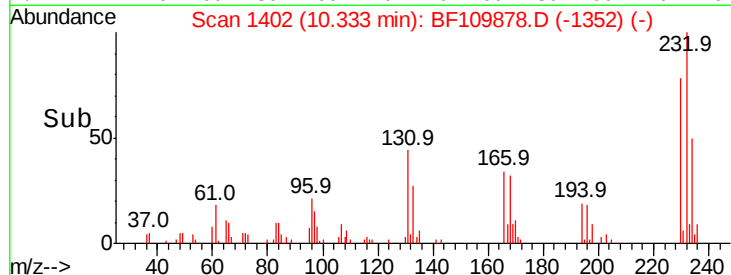
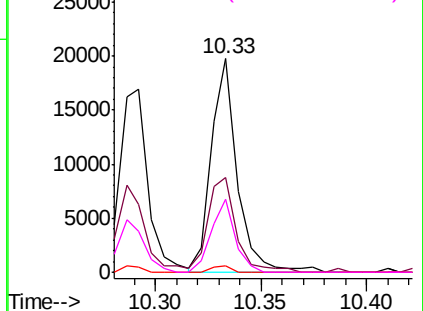
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 1.962 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF109878.D
 Acq: 15 Oct 2018 14:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 17014
 Ion Ratio Lower Upper
 232 100
 131 48.2 37.0 55.4
 130 2.2 1.8 2.6
 166 31.5 22.0 33.0

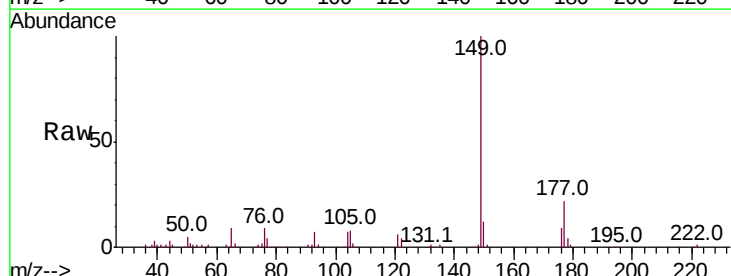


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

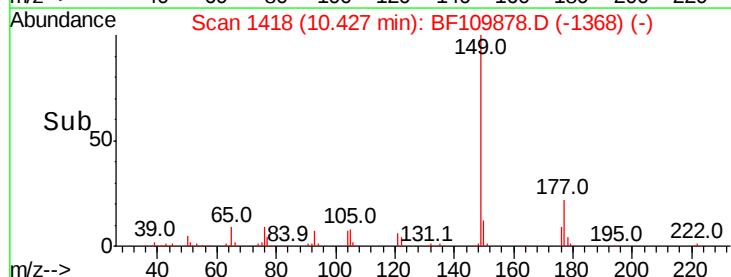
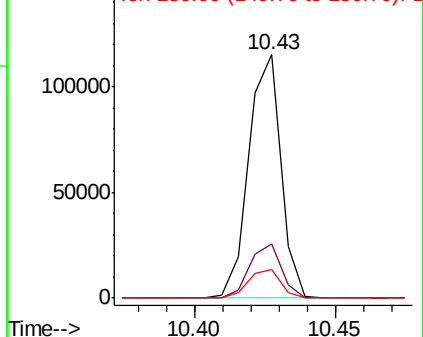


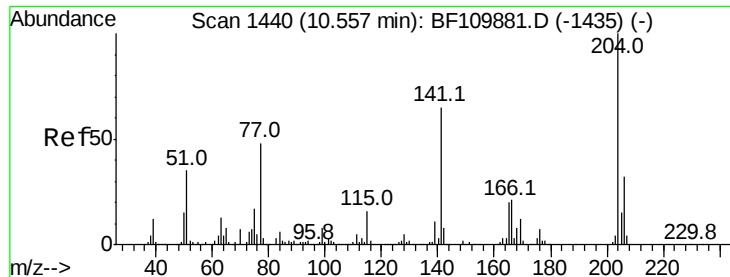
#60
 Diethylphthalate
 Concen: 2.759 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BF109878.D
 Acq: 15 Oct 2018 14:52

Tgt Ion:149 Resp: 91441
 Ion Ratio Lower Upper
 149 100
 177 22.5 17.4 26.2
 150 11.9 9.8 14.8



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

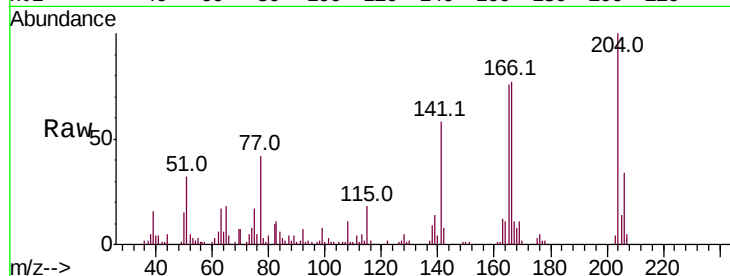




#61
4-Chlorophenyl-phenylether
Concen: 2.850 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF109878.D
Acq: 15 Oct 2018 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.3	26.5	39.7
141	58.0	51.8	77.8

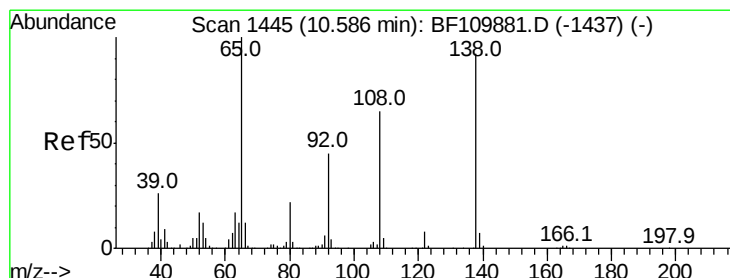
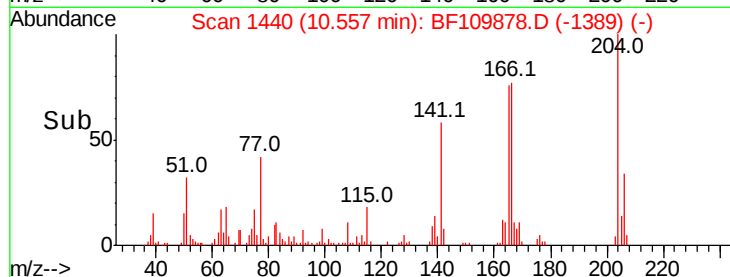
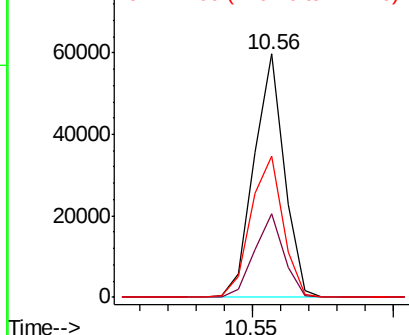


Abundance

Ion 204.00 (203.70 to 204.70): E

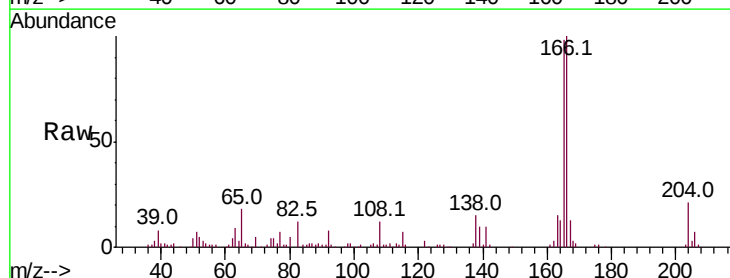
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 1.574 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.02 min
Lab File: BF109878.D
Acq: 15 Oct 2018 14:52

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.7	31.7	71.7
108	83.7	59.3	99.3

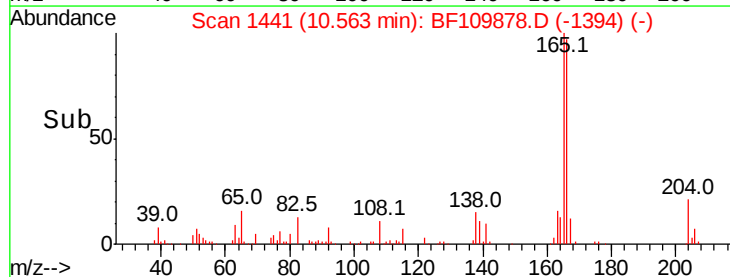
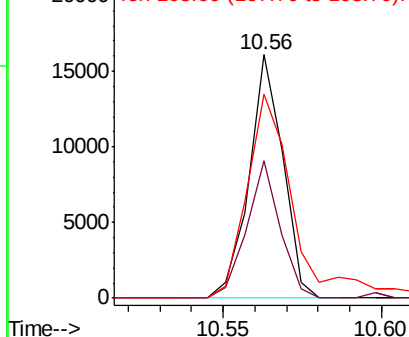


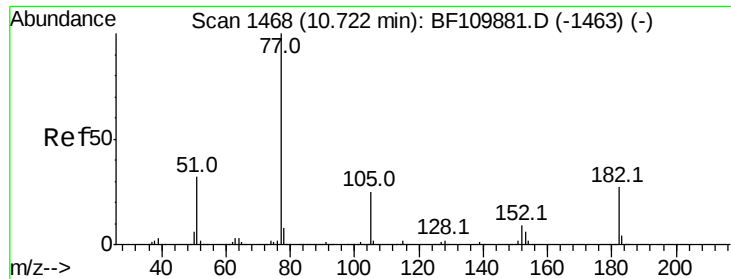
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 2.933 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF109878.D

Acq: 15 Oct 2018 14:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 98696

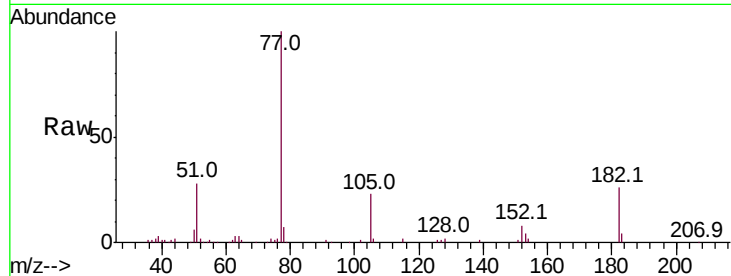
Ion Ratio Lower Upper

77 100

182 26.2 4.3 44.3

105 22.6 1.3 41.3

51 28.2 9.0 49.0

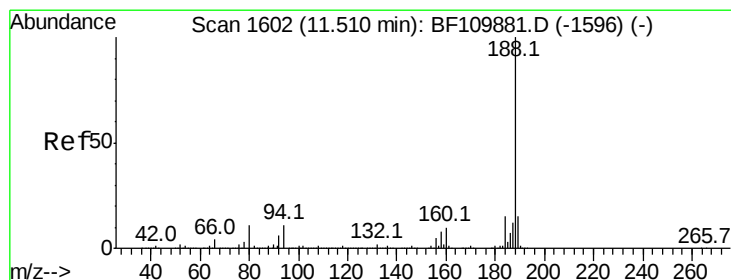
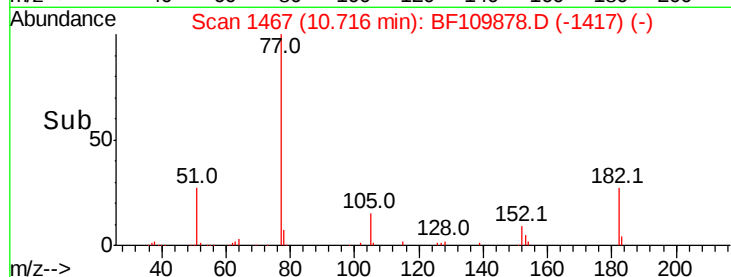
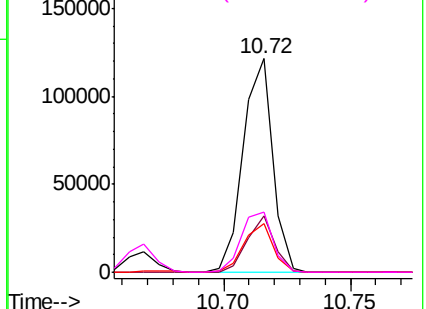


Abundance Ion 77.00 (76.70 to 77.70): BF1

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1602

Delta R.T. -0.00 min

Lab File: BF109878.D

Acq: 15 Oct 2018 14:52

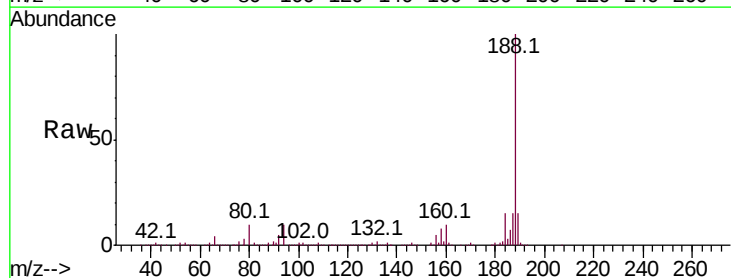
Tgt Ion: 188 Resp: 862471

Ion Ratio Lower Upper

188 100

94 9.7 7.2 10.8

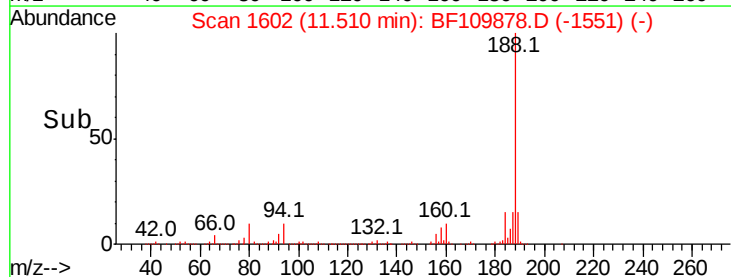
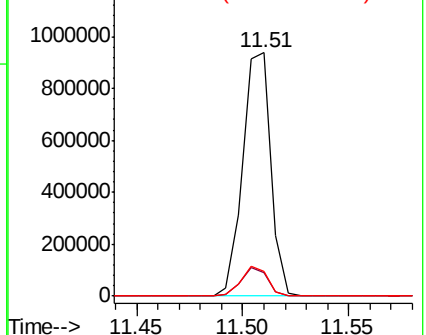
80 10.3 7.9 11.9

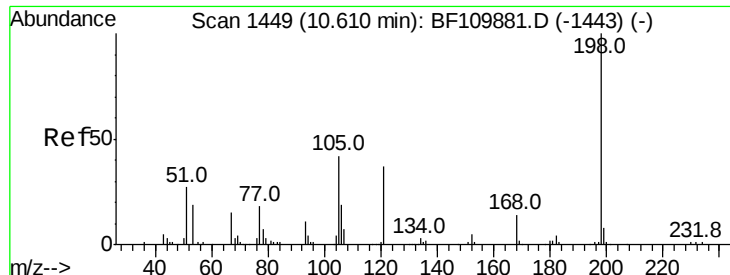


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

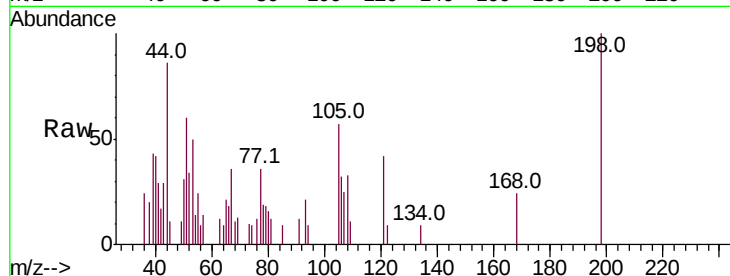




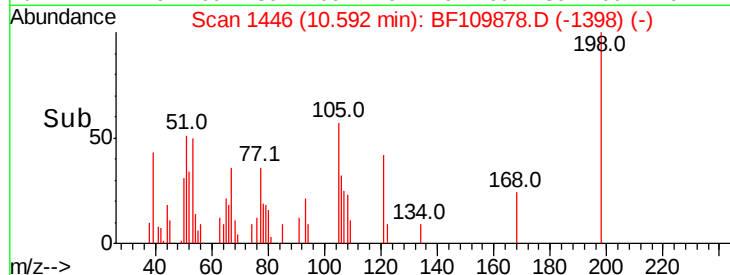
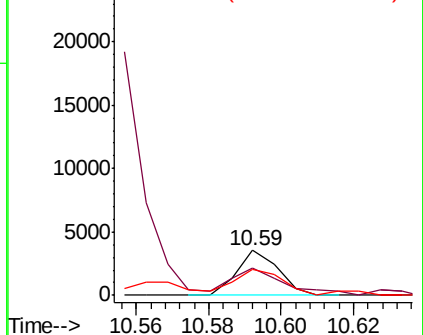
#65
4,6-Dinitro-2-methylphenol
Concen: 0.661 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BF109878.D
Acq: 15 Oct 2018 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 2774
Ion Ratio Lower Upper
198 100
51 60.0 22.8 62.8
105 57.3 23.6 63.6

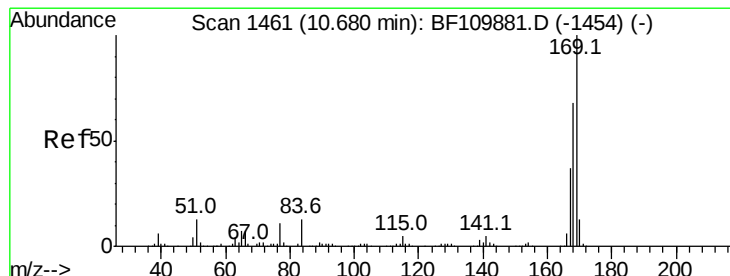


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

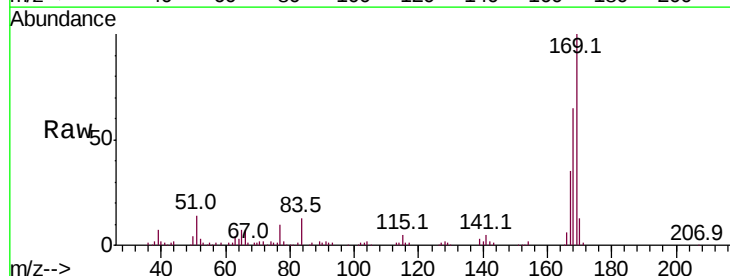
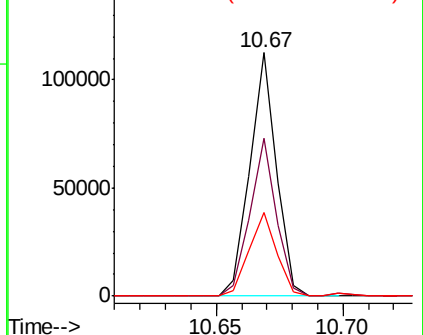


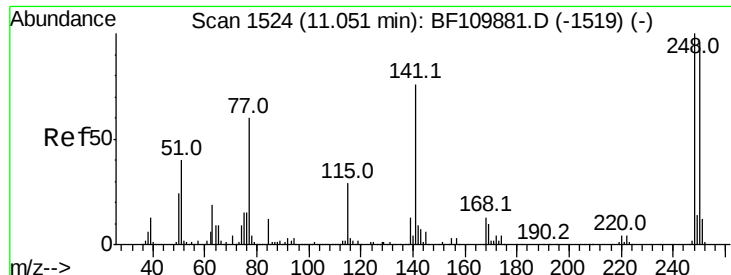
#66
n-Nitrosodiphenylamine
Concen: 2.817 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF109878.D
Acq: 15 Oct 2018 14:52

Tgt Ion:169 Resp: 82373
Ion Ratio Lower Upper
169 100
168 64.6 51.2 76.8
167 34.6 27.8 41.6



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

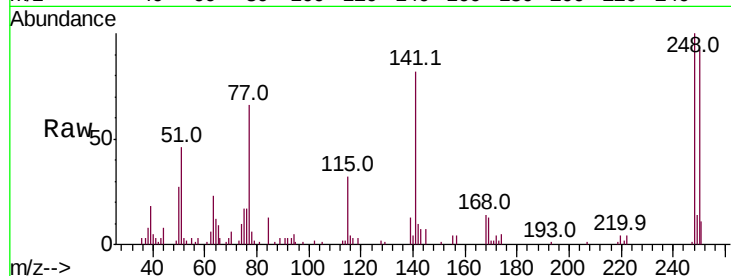




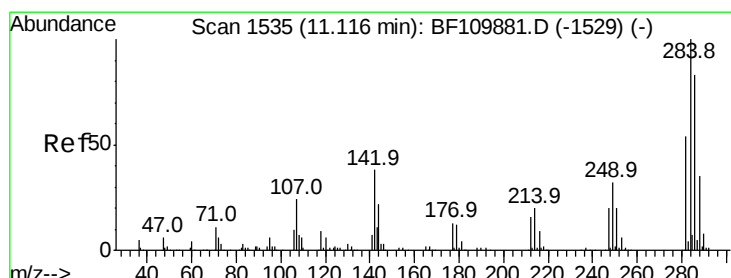
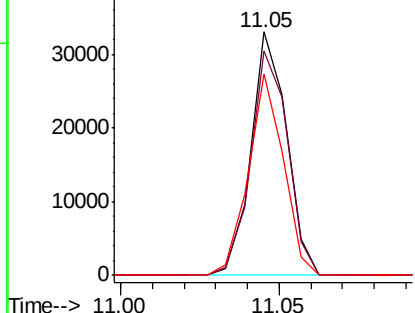
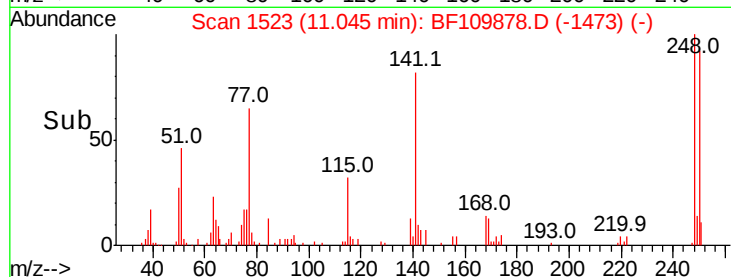
#67
4-Bromophenyl-phenylether
Concen: 2.607 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF109878.D
Acq: 15 Oct 2018 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 25832
Ion Ratio Lower Upper
248 100
250 92.2 79.4 119.2
141 82.5 55.9 83.9

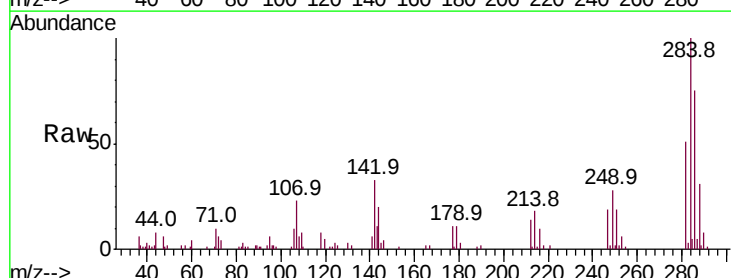


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

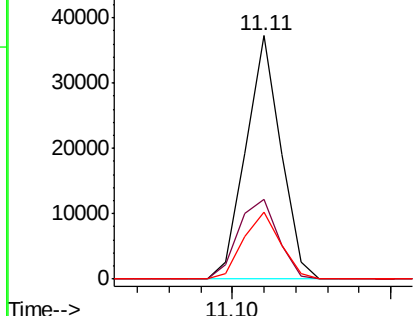
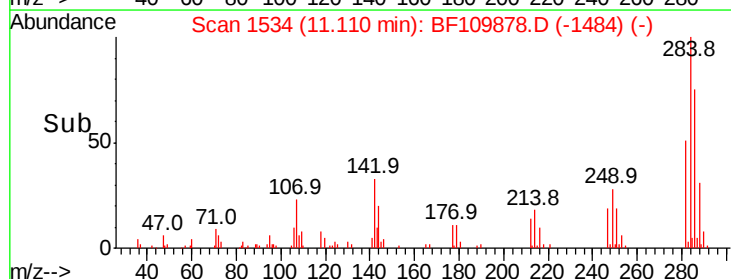


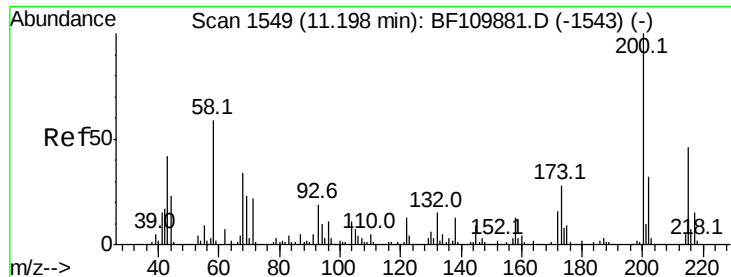
#68
Hexachlorobenzene
Concen: 2.659 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BF109878.D
Acq: 15 Oct 2018 14:52

Tgt Ion:284 Resp: 28537
Ion Ratio Lower Upper
284 100
142 32.6 23.9 35.9
249 27.5 24.2 36.2



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

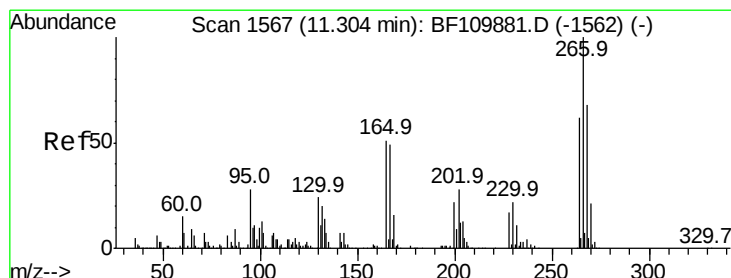
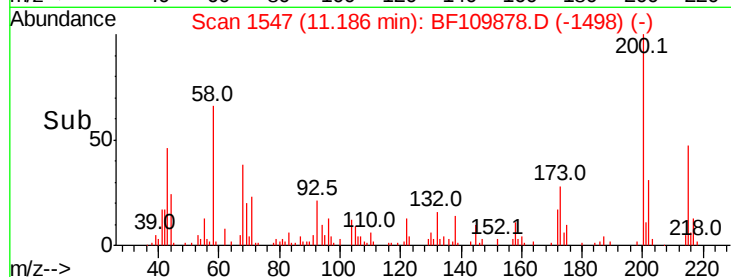
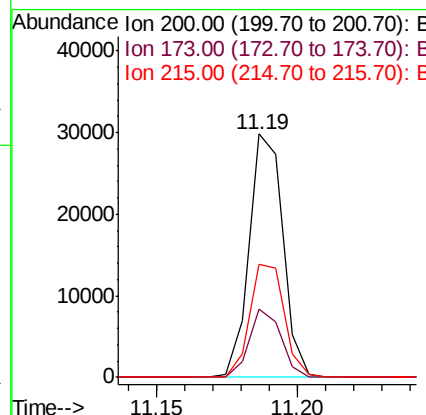
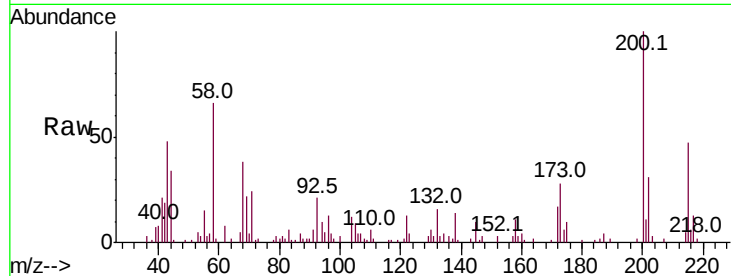




#69
Atrazine
Concen: 2.709 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BF109878.D
Acq: 15 Oct 2018 14:52

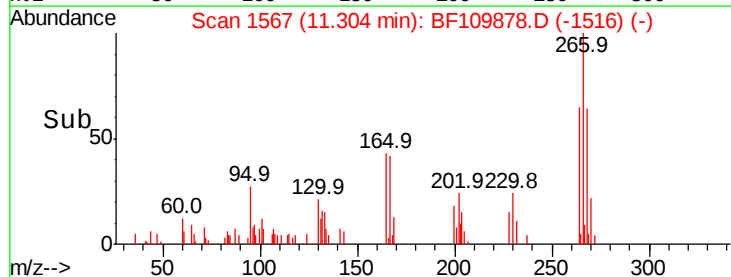
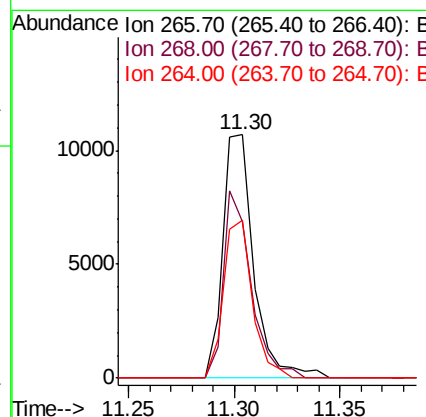
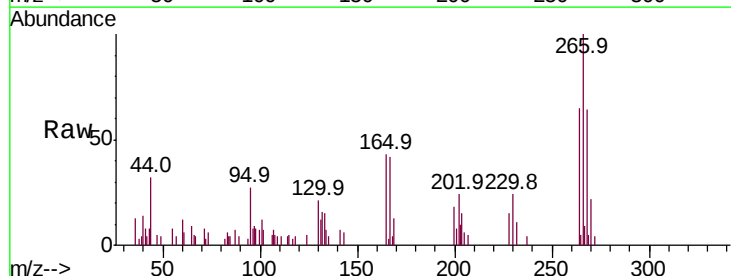
Instrument :
BNA_F
ClientSampleId :

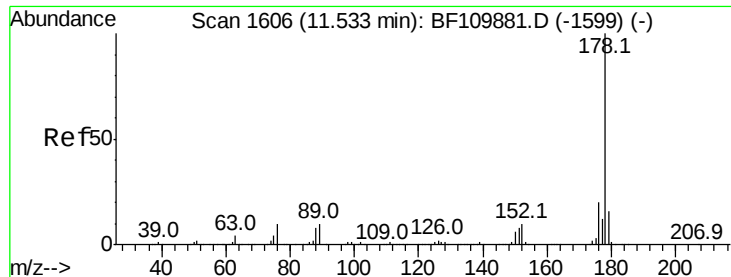
Tot Ion:200 Resp: 24723
Ion Ratio Lower Upper
200 100
173 27.8 6.6 46.6
215 46.6 26.3 66.3



#70
Pentachlorophenol
Concen: 1.799 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.00 min
Lab File: BF109878.D
Acq: 15 Oct 2018 14:52

Tgt Ion:266 Resp: 10866
Ion Ratio Lower Upper
266 100
268 64.1 50.6 75.8
264 64.7 50.6 75.8

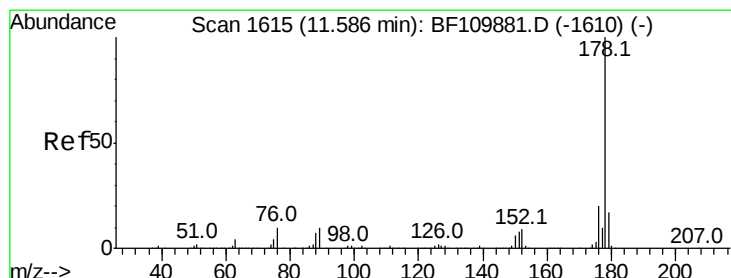
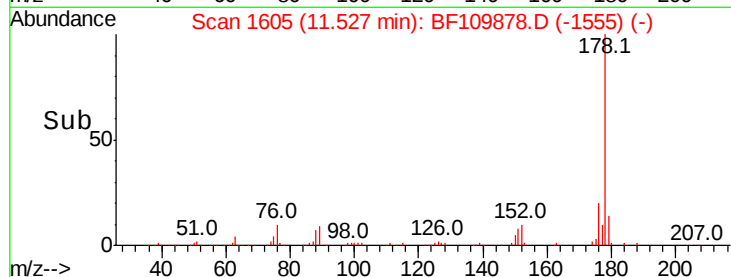
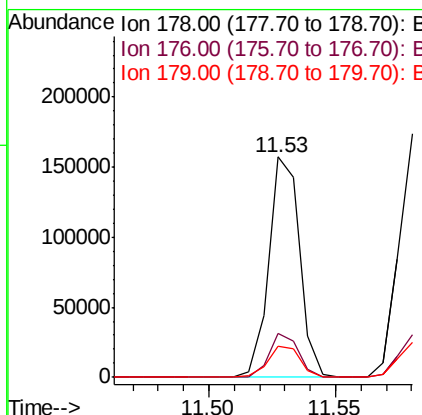
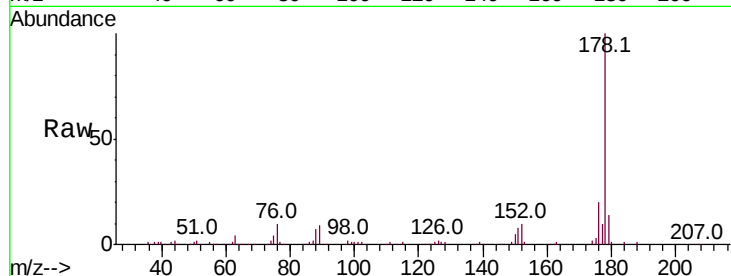




#71
Phenanthrene
Concen: 3.101 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BF109878.D
Acq: 15 Oct 2018 14:52

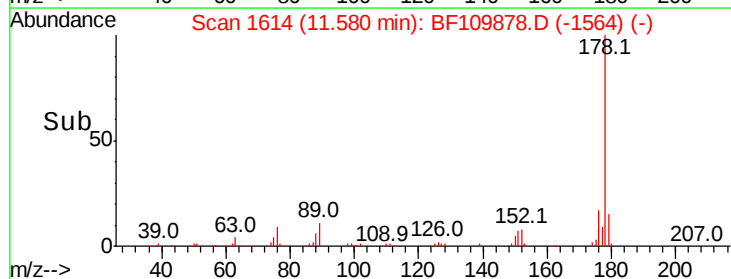
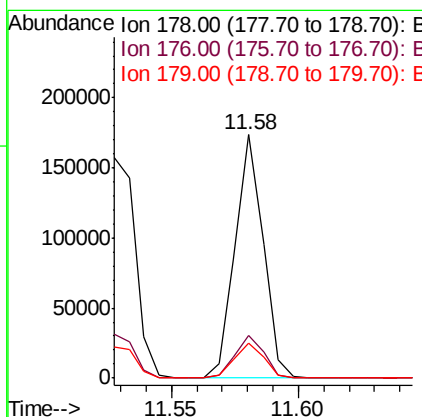
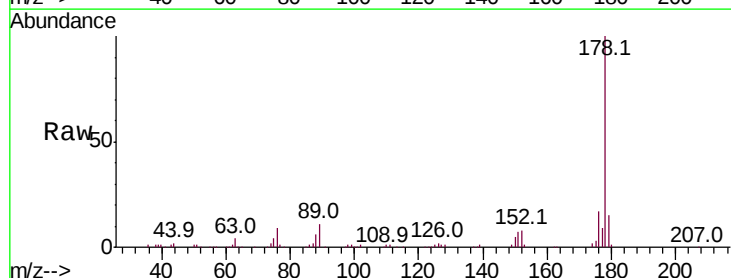
Instrument :
BNA_F
ClientSampleId :

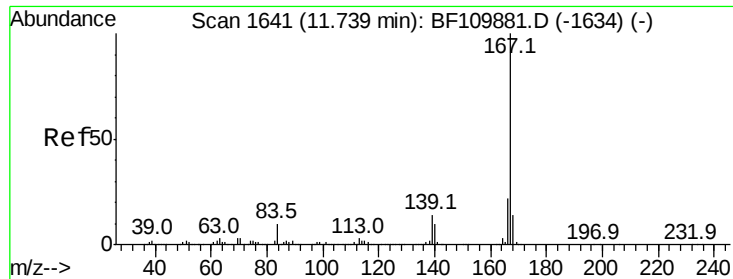
Tot Ion:178 Resp: 133859
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 14.1 12.5 18.7



#72
Anthracene
Concen: 2.989 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF109878.D
Acq: 15 Oct 2018 14:52

Tgt Ion:178 Resp: 133379
Ion Ratio Lower Upper
178 100
176 17.5 15.4 23.2
179 14.6 12.6 18.8

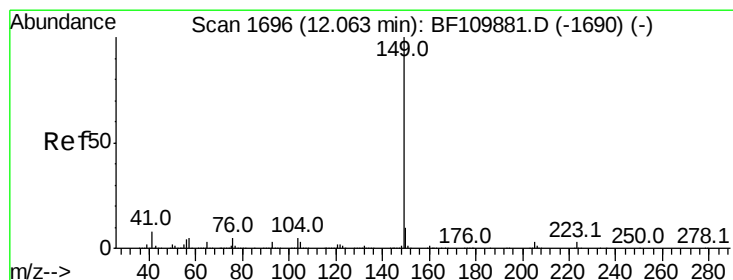
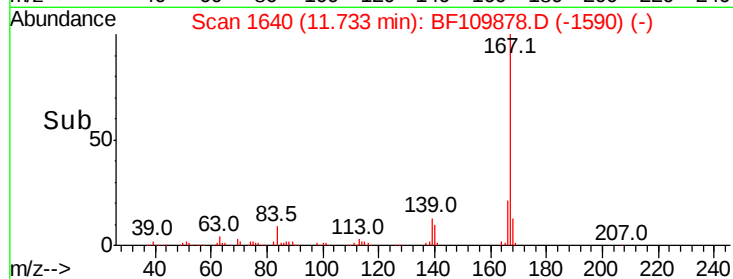
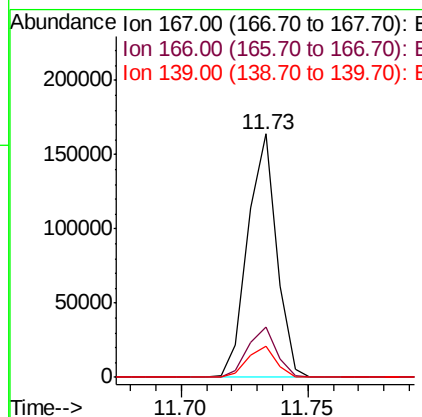
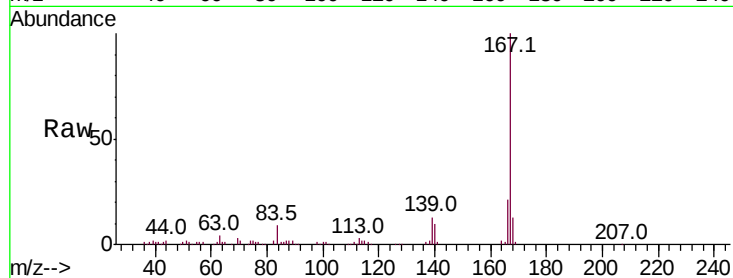




#73
 Carbazole
 Concen: 2.999 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BF109878.D
 Acq: 15 Oct 2018 14:52

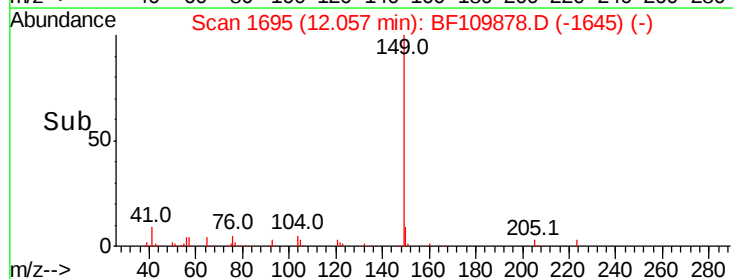
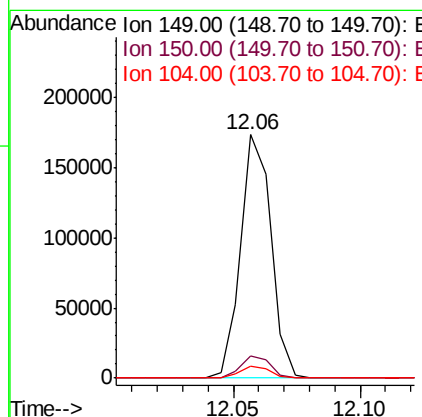
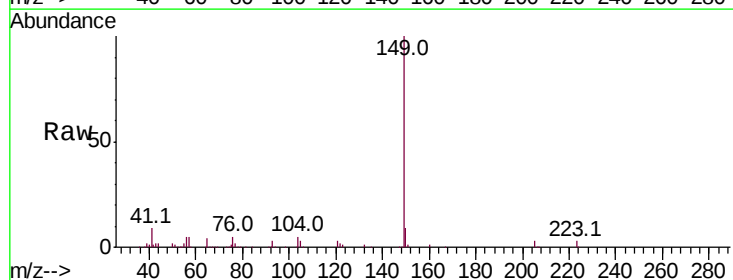
Instrument :
 BNA_F
 ClientSampleId :

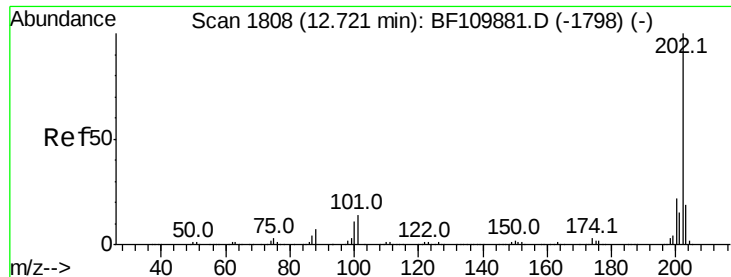
Tot Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.4	26.0
139	12.9	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 2.875 ng
 RT: 12.06 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BF109878.D
 Acq: 15 Oct 2018 14:52

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	4.9	4.2	6.4

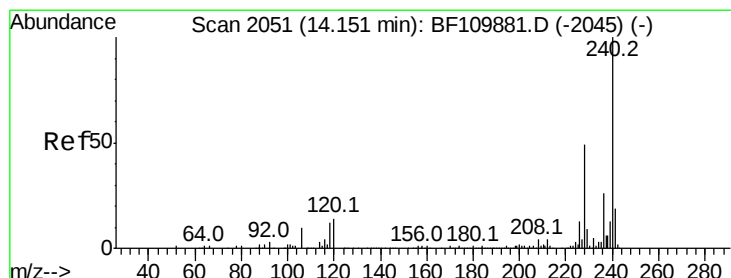
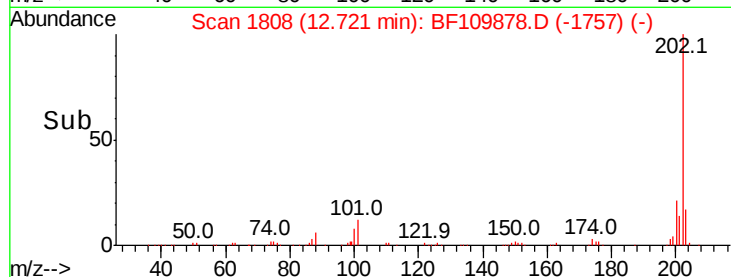
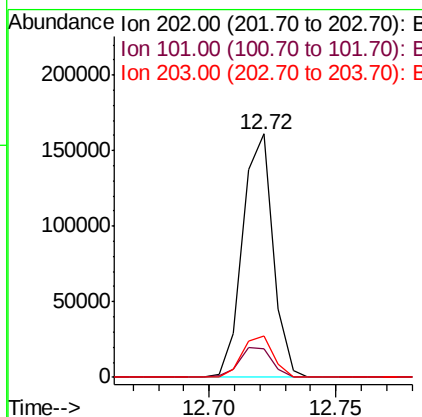
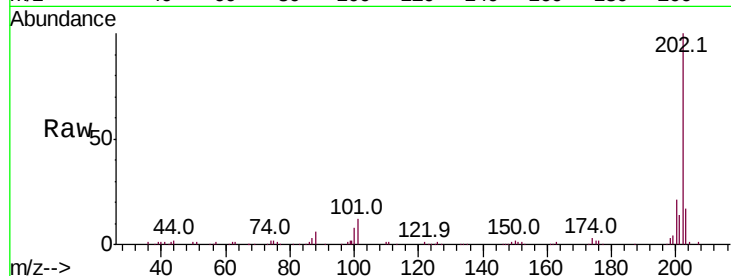




#75
 Fluoranthene
 Concen: 2.975 ng
 RT: 12.72 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: BF109878.D
 Acq: 15 Oct 2018 14:52

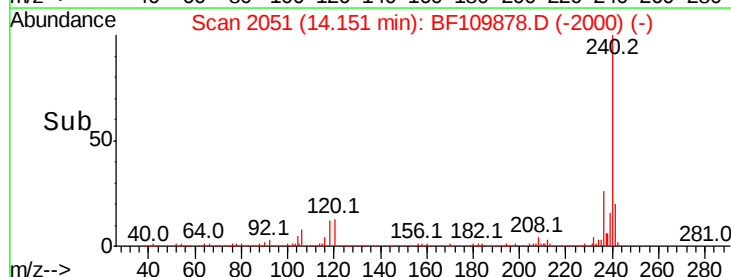
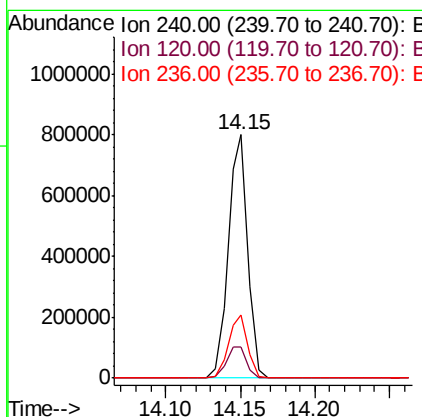
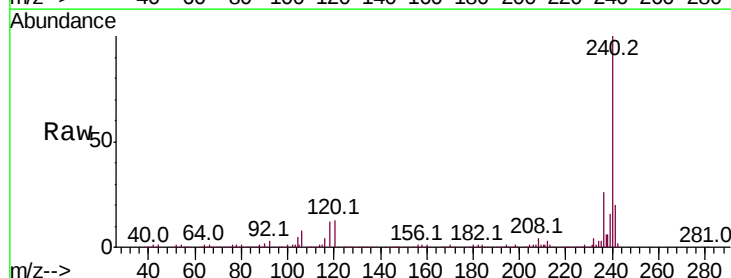
Instrument :
 BNA_F
 ClientSampleId :

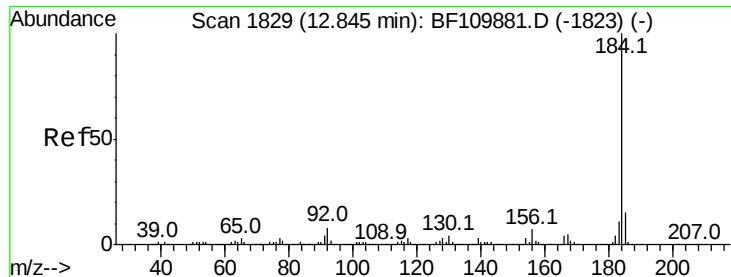
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.4
203	17.2	0.0	37.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BF109878.D
 Acq: 15 Oct 2018 14:52

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.9	8.3	12.5#
236	26.0	21.2	31.8





#77

Benzidine

Concen: 3.092 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF109878.D

Acq: 15 Oct 2018 14:52

Instrument :

BNA_F

ClientSampled :

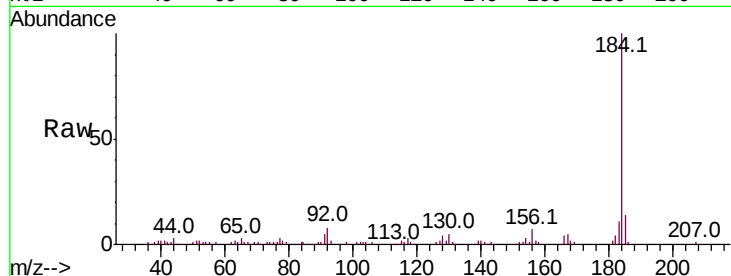
Tot Ion:184 Resp: 84662

Ion Ratio Lower Upper

184 100

185 14.0 13.4 20.2

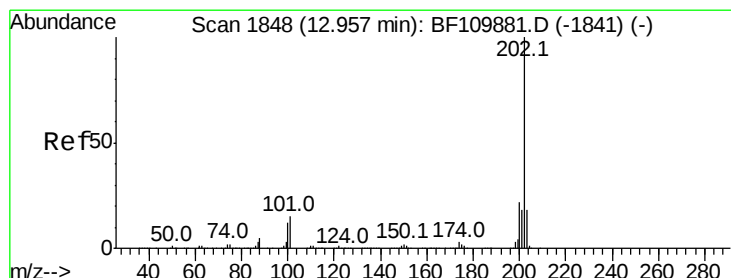
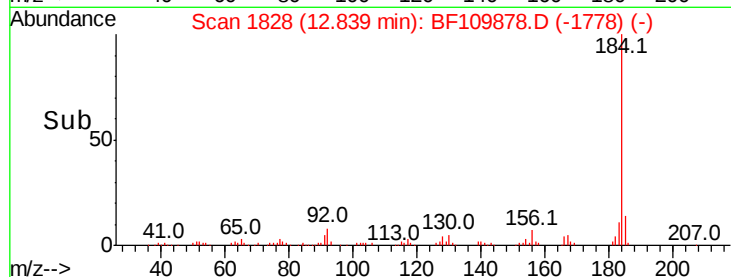
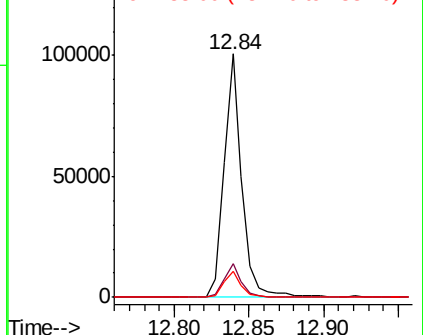
183 10.9 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 2.572 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF109878.D

Acq: 15 Oct 2018 14:52

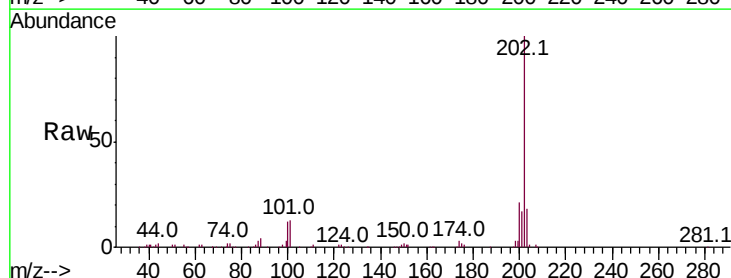
Tgt Ion:202 Resp: 138886

Ion Ratio Lower Upper

202 100

200 21.0 17.8 26.6

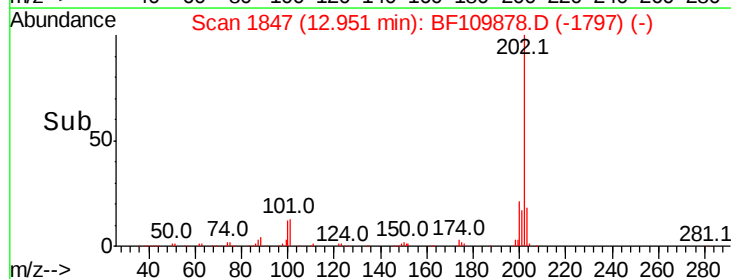
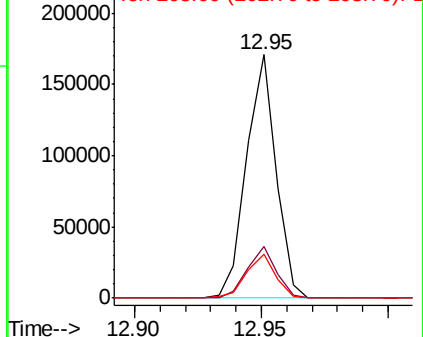
203 18.0 14.2 21.4

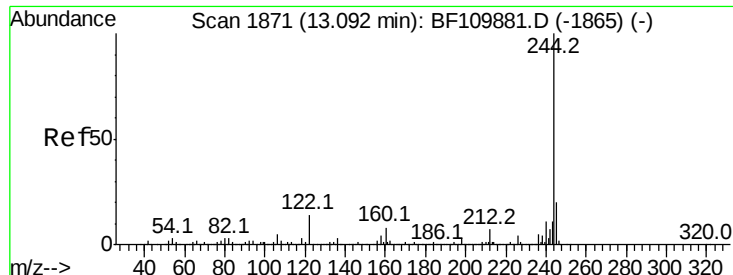


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

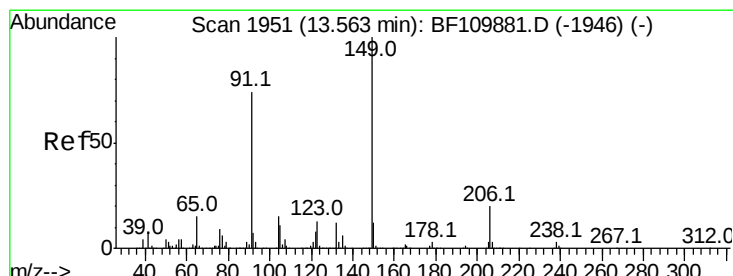
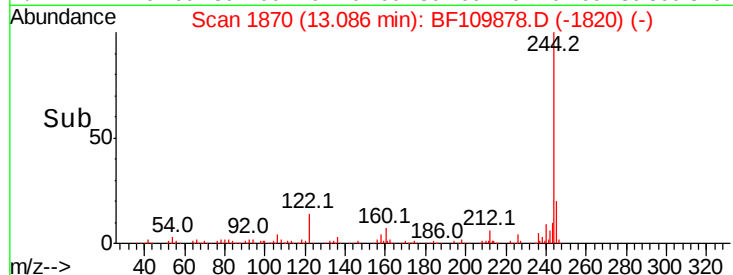
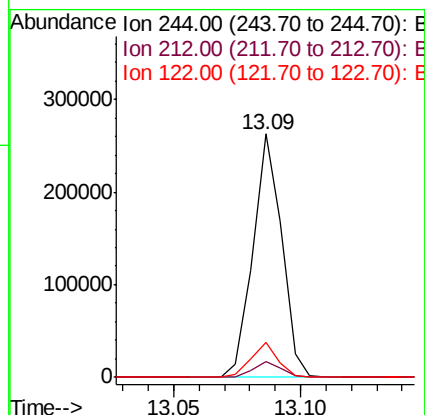
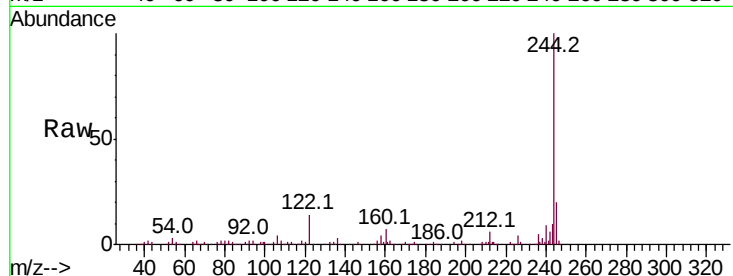




#79
 Terphenyl-d14
 Concen: 5.452 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.01 min
 Lab File: BF109878.D
 Acq: 15 Oct 2018 14:52

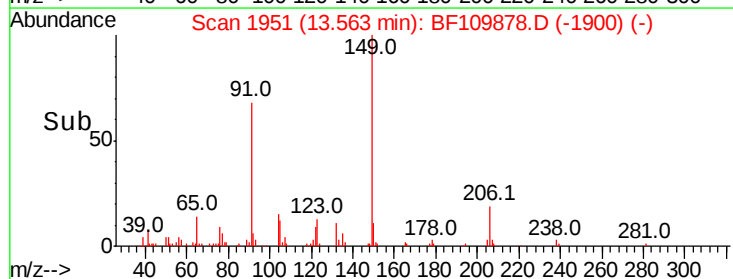
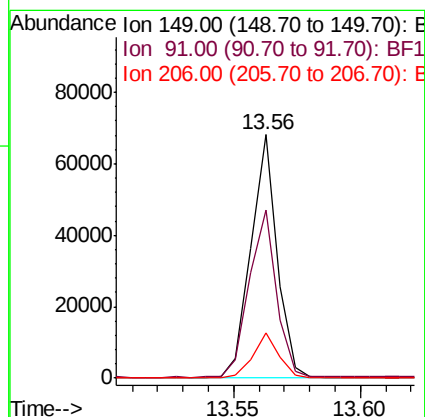
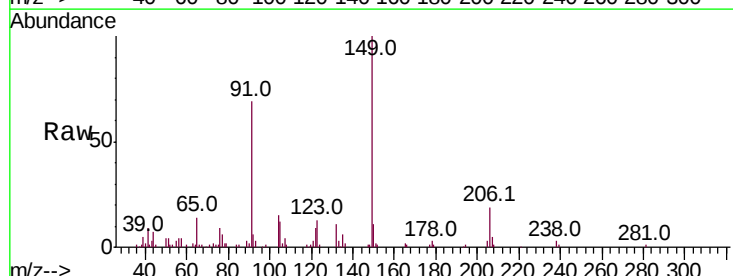
Instrument :
 BNA_F
 ClientSampleId :

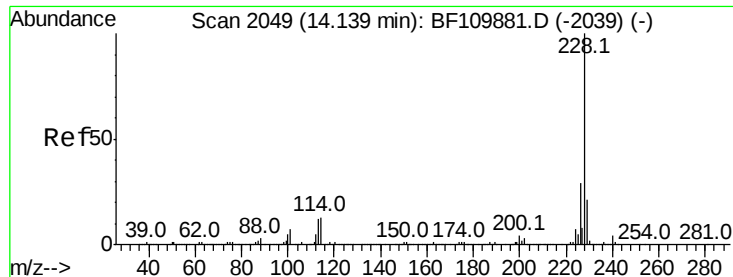
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.8	8.8
122	14.3	8.7	13.1



#80
 Butylbenzylphthalate
 Concen: 2.096 ng
 RT: 13.56 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: BF109878.D
 Acq: 15 Oct 2018 14:52

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.0	57.2	85.8
206	18.8	15.7	23.5

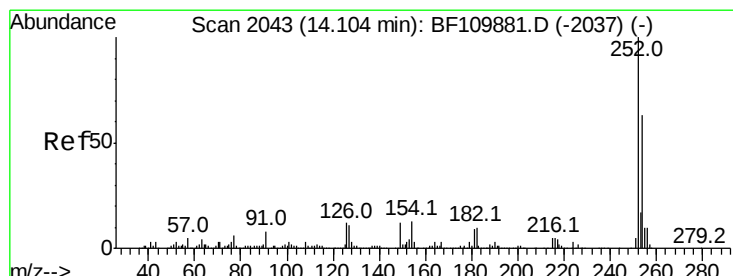
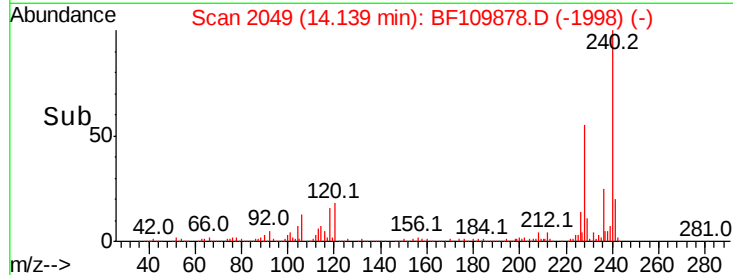
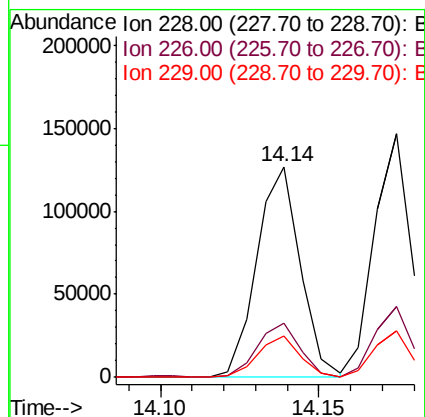
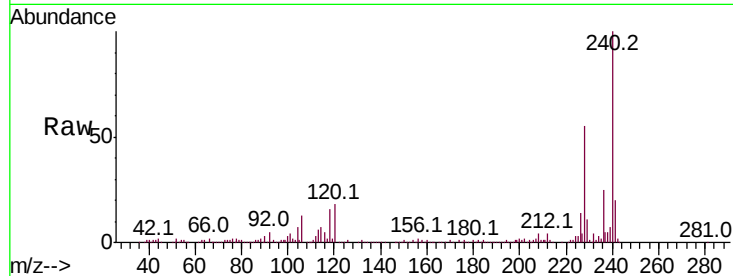




#81
Benzo(a)anthracene
Concen: 2.972 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BF109878.D
Acq: 15 Oct 2018 14:52

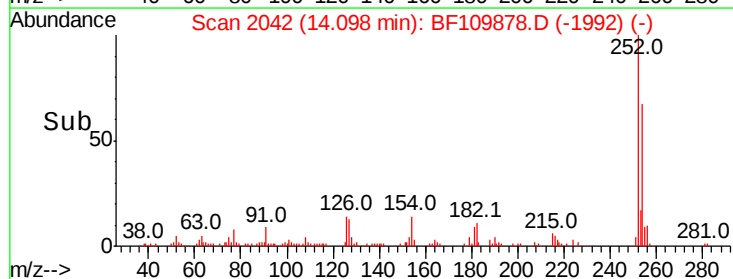
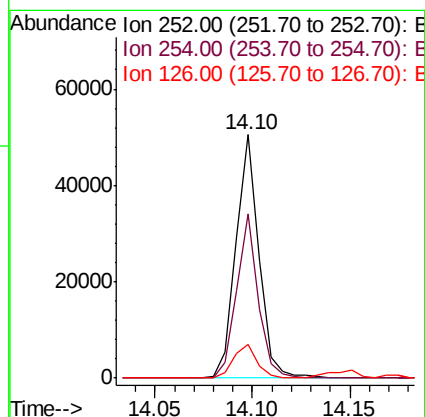
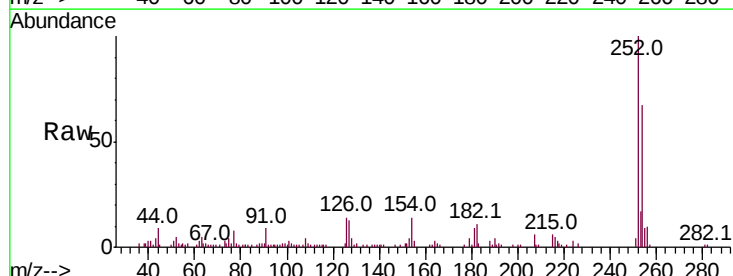
Instrument :
BNA_F
ClientSampleId :

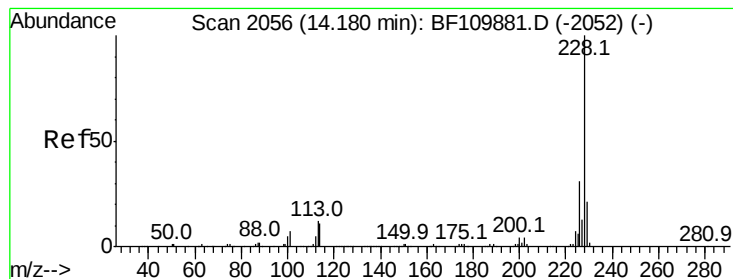
Tot Ion:228	Resp:	120906
Ion Ratio	Lower	Upper
228 100		
226 25.8	22.1	33.1
229 19.9	15.6	23.4



#82
3,3'-Dichlorobenzidine
Concen: 2.519 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BF109878.D
Acq: 15 Oct 2018 14:52

Tgt Ion:252	Resp:	41257
Ion Ratio	Lower	Upper
252 100		
254 67.2	51.3	76.9
126 13.9	9.4	14.2





#83

Chrysene

Concen: 2.773 ng

RT: 14.17 min Scan# 2055

Delta R.T. -0.01 min

Lab File: BF109878.D

Acq: 15 Oct 2018 14:52

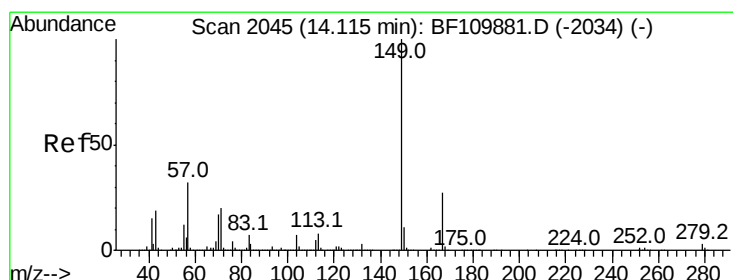
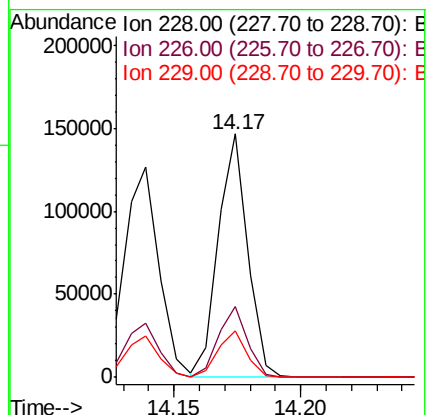
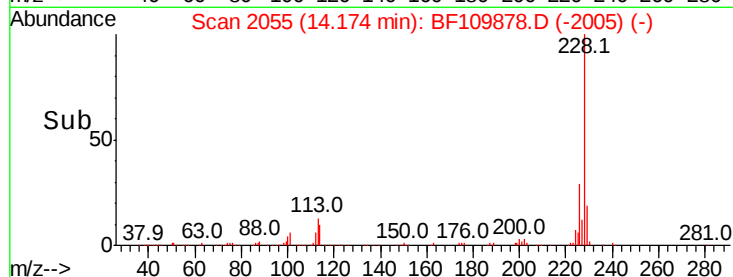
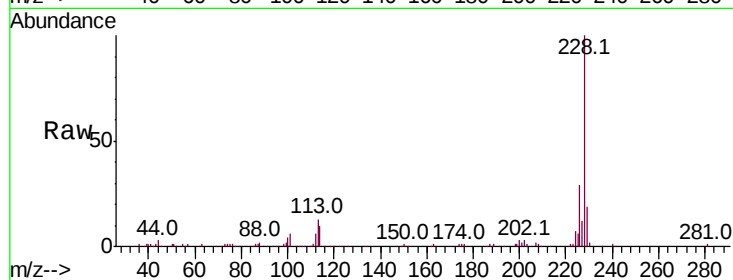
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 118470

Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.7	37.1
229	19.3	15.9	23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.515 ng

RT: 14.12 min Scan# 2045

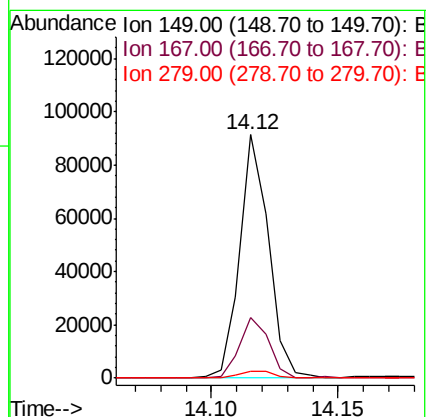
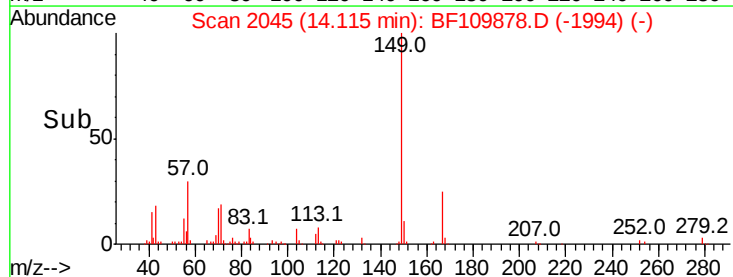
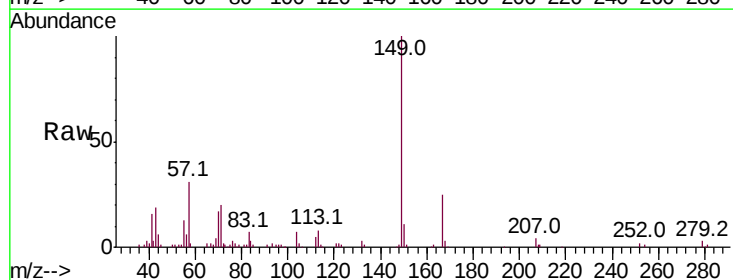
Delta R.T. -0.00 min

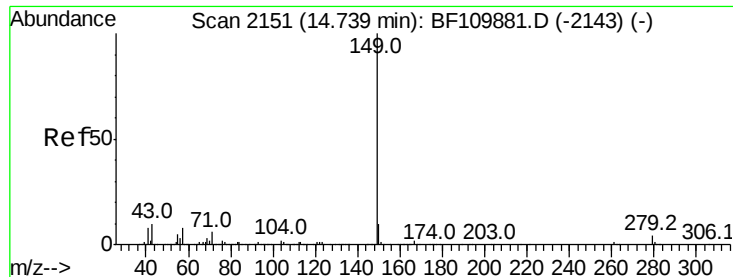
Lab File: BF109878.D

Acq: 15 Oct 2018 14:52

Tgt Ion:149 Resp: 71862

Ion	Ratio	Lower	Upper
149	100		
167	25.0	19.8	29.8
279	3.0	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 2.182 ng

RT: 14.73 min Scan# 2150

Delta R.T. -0.01 min

Lab File: BF109878.D

Acq: 15 Oct 2018 14:52

Instrument :

BNA_F

ClientSampled :

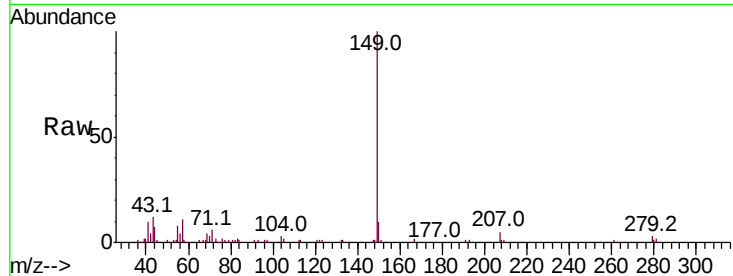
Tot Ion:149 Resp: 98517

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

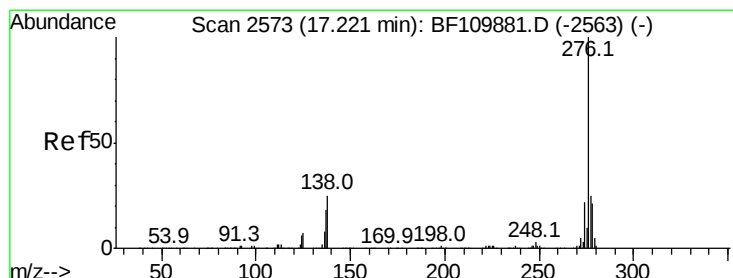
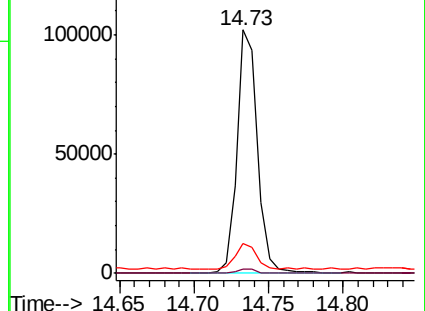
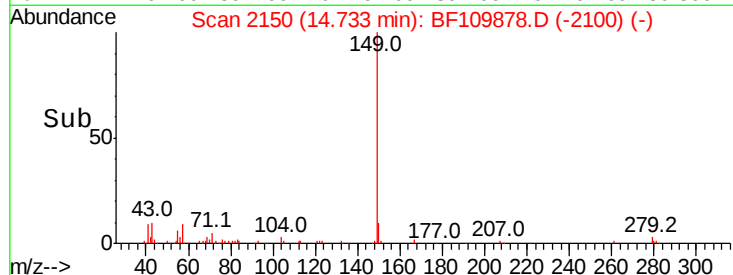
43 11.1 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 2.809 ng

RT: 17.22 min Scan# 2572

Delta R.T. -0.01 min

Lab File: BF109878.D

Acq: 15 Oct 2018 14:52

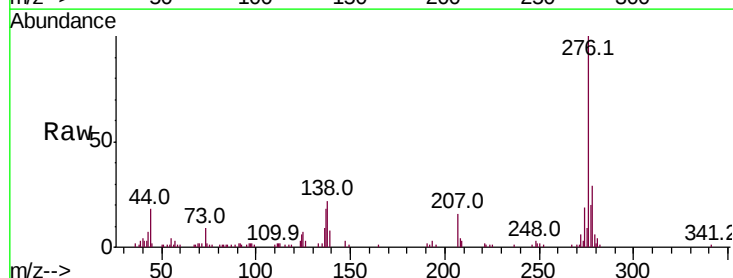
Tgt Ion:276 Resp: 85905

Ion Ratio Lower Upper

276 100

138 28.7 18.5 27.7#

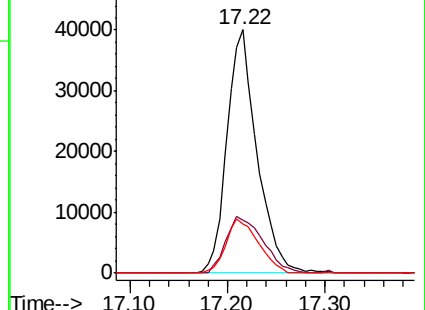
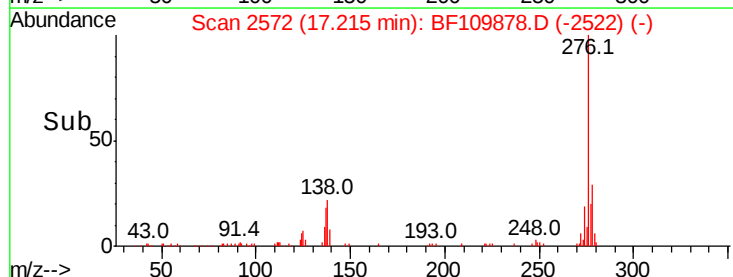
277 23.9 20.0 30.0

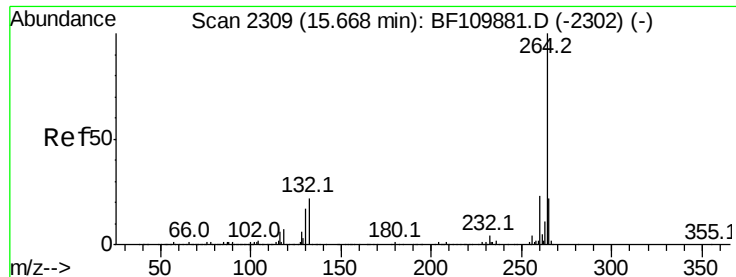


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2309

Delta R.T. -0.00 min

Lab File: BF109878.D

Acq: 15 Oct 2018 14:52

Instrument :

BNA_F

ClientSampleId :

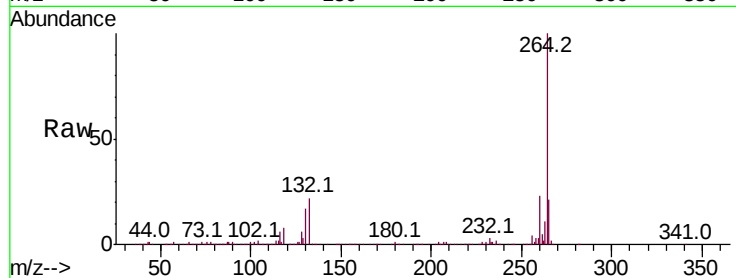
Tot Ion:264 Resp: 649398

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

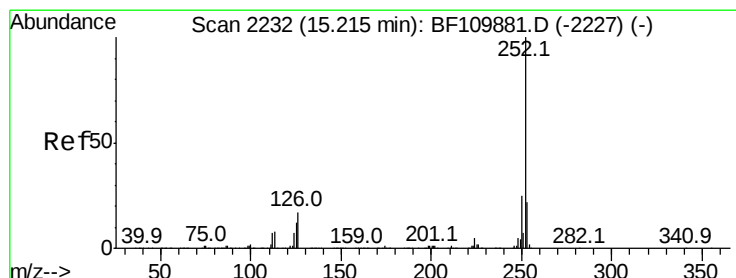
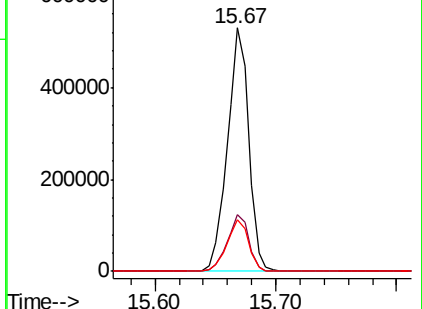
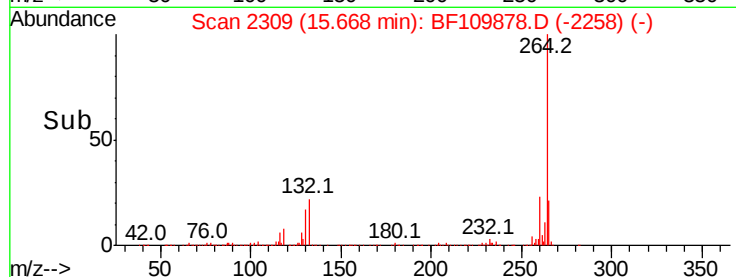
265 21.2 16.7 25.1



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



#88

Benzo(b)fluoranthene

Concen: 2.689 ng

RT: 15.24 min Scan# 2236

Delta R.T. 0.02 min

Lab File: BF109878.D

Acq: 15 Oct 2018 14:52

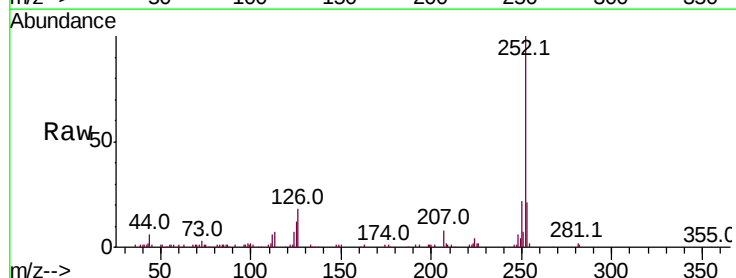
Tgt Ion:252 Resp: 96490

Ion Ratio Lower Upper

252 100

253 21.2 17.2 25.8

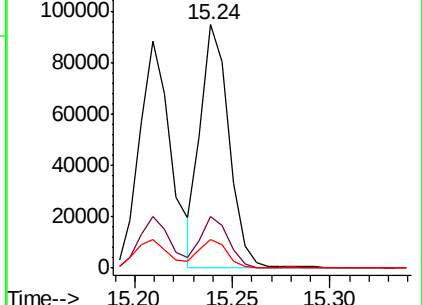
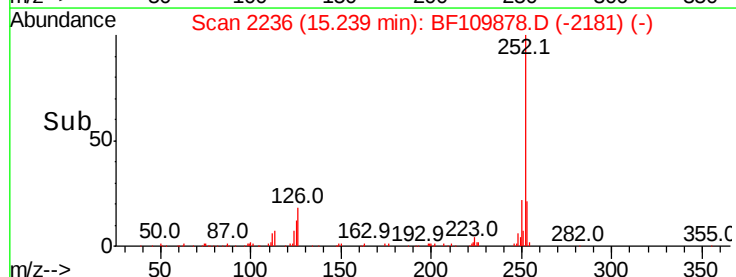
125 11.9 8.2 12.4

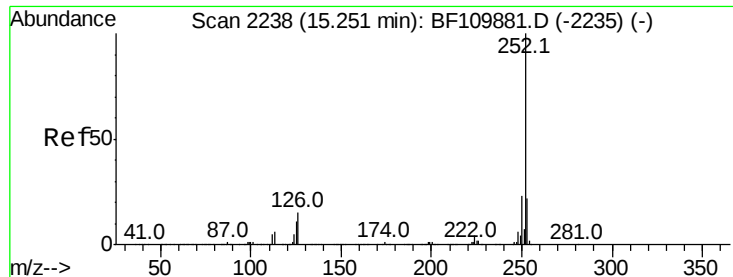


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

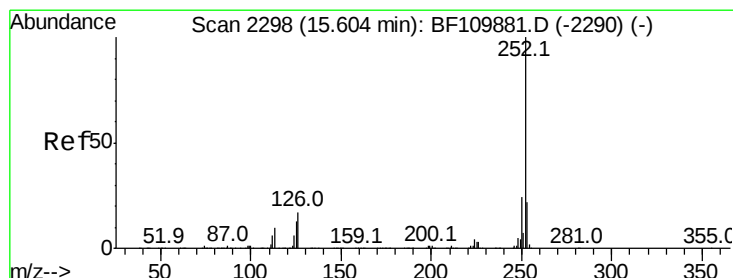
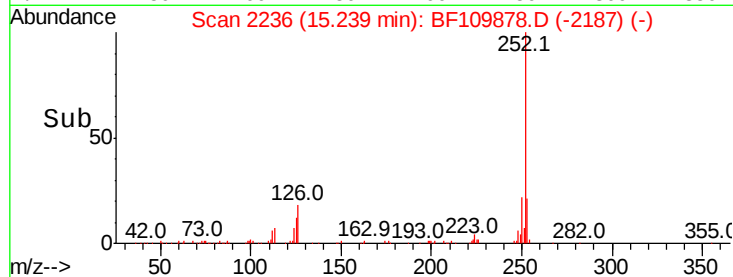
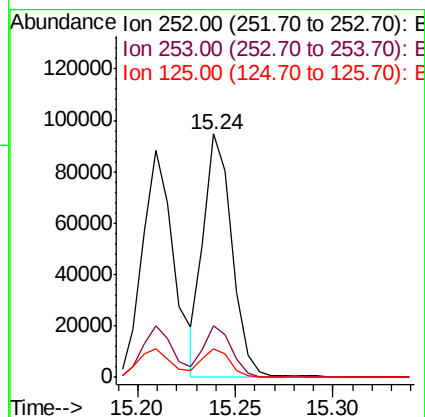
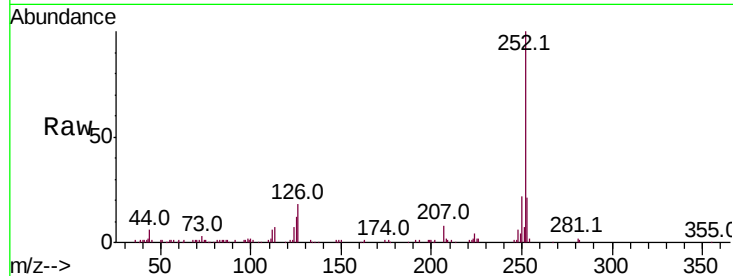




#89
Benzo(k)fluoranthene
Concen: 2.676 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF109878.D
Acq: 15 Oct 2018 14:52

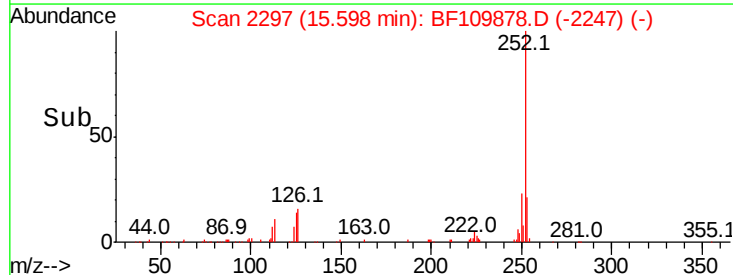
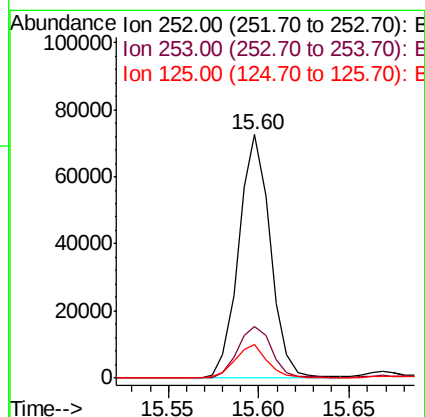
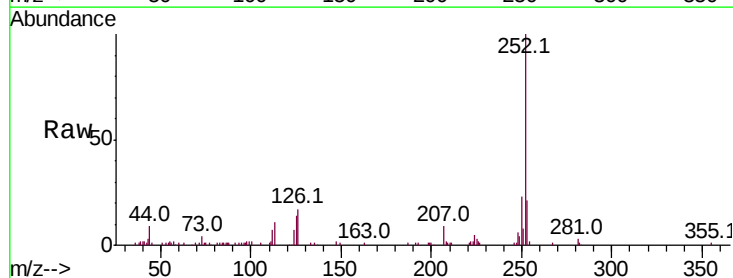
Instrument :
BNA_F
ClientSampleId :

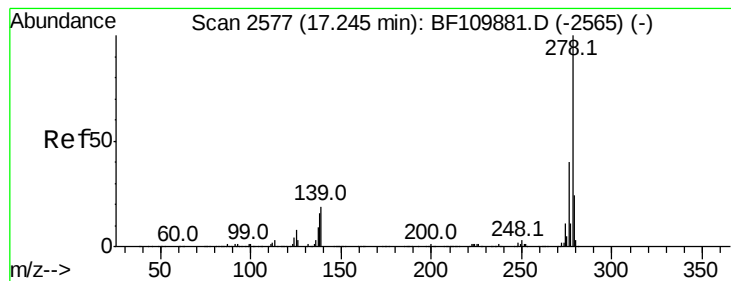
Tot Ion:252 Resp: 96490
Ion Ratio Lower Upper
252 100
253 21.2 17.2 25.8
125 11.9 7.4 11.0#



#90
Benzo(a)pyrene
Concen: 2.708 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BF109878.D
Acq: 15 Oct 2018 14:52

Tgt Ion:252 Resp: 88202
Ion Ratio Lower Upper
252 100
253 21.2 18.2 27.4
125 14.1 9.0 13.6#





#91

Dibenzo(a,h)anthracene

Concen: 2.590 ng

RT: 17.23 min Scan# 2575

Delta R.T. -0.01 min

Lab File: BF109878.D

Acq: 15 Oct 2018 14:52

Instrument :

BNA_F

ClientSampleId :

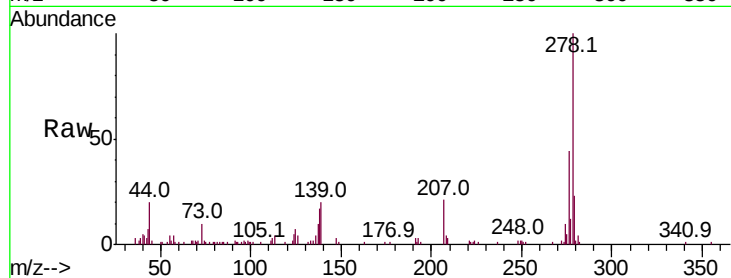
Tot Ion:278 Resp: 69262

Ion Ratio Lower Upper

278 100

139 20.4 12.7 19.1#

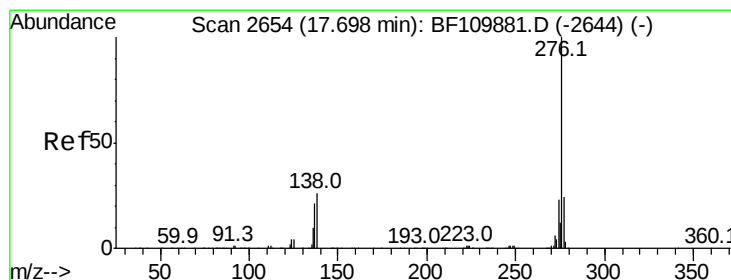
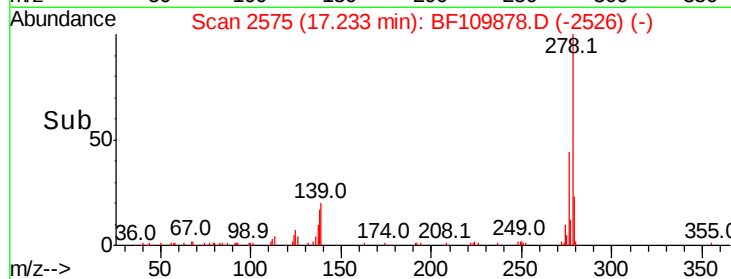
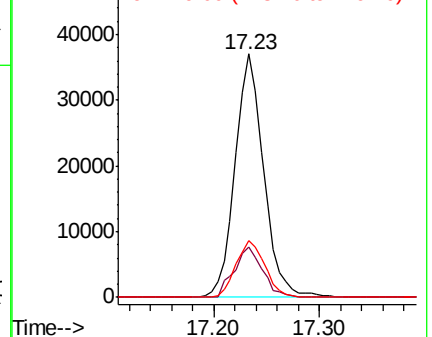
279 23.3 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 2.540 ng

RT: 17.69 min Scan# 2652

Delta R.T. -0.01 min

Lab File: BF109878.D

Acq: 15 Oct 2018 14:52

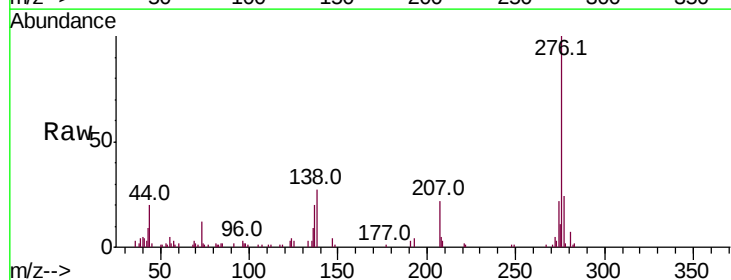
Tgt Ion:276 Resp: 67841

Ion Ratio Lower Upper

276 100

277 23.6 18.8 28.2

138 26.7 16.0 24.0#



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

