

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
 Data File : BF109301.D
 Acq On : 25 Sep 2018 22:08
 Operator : JU/SJ
 Sample : J5044-08MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 02:28:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	121448	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	455951	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	200515	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	339375	20.00	ng	0.00
75) Chrysene-d12	13.85	240	250624	20.00	ng	0.00
86) Perylene-d12	15.25	264	202589	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	724874	98.31	ng	0.01
7) Phenol-d6	6.35	99	939024	99.80	ng	0.00
23) Nitrobenzene-d5	7.27	82	592810	76.75	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	196477	99.40	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	957639	72.03	ng	0.00
78) Terphenyl-d14	12.80	244	828538	81.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	102819	30.277	ng	93
3) Pyridine	3.12	79	294533	33.698	ng	89
4) n-Nitrosodimethylamine	3.05	42	138233	37.164	ng	# 99
6) Aniline	6.37	93	329470	27.370	ng	# 12
8) 2-Chlorophenol	6.50	128	294582	35.926	ng	96
9) Benzaldehyde	6.25	77	202722	33.539	ng	97
10) Phenol	6.37	94	392160	36.804	ng	# 72
11) bis(2-Chloroethyl)ether	6.45	93	284523	34.125	ng	94
12) 1,3-Dichlorobenzene	6.65	146	316713	33.547	ng	99
13) 1,4-Dichlorobenzene	6.73	146	318113	33.447	ng	99
14) 1,2-Dichlorobenzene	6.88	146	300787	34.282	ng	99
15) Benzyl Alcohol	6.86	79	260392	36.156	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	401355	33.937	ng	95
17) 2-Methylphenol	6.97	107	235961	35.565	ng	97
18) Hexachloroethane	7.22	117	97370	29.058	ng	96
19) n-Nitroso-di-n-propylamine	7.13	70	206144	33.436	ng	99
20) 3+4-Methylphenols	7.13	107	287795	35.929	ng	# 78
22) Acetophenone	7.12	105	402509	38.183	ng	# 93
24) Nitrobenzene	7.29	77	310006	37.748	ng	99
25) Isophorone	7.53	82	559550	40.230	ng	98
26) 2-Nitrophenol	7.61	139	121589	37.437	ng	97
27) 2,4-Dimethylphenol	7.65	122	257205	42.441	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	354348	38.487	ng	99
29) 2,4-Dichlorophenol	7.85	162	239059	37.544	ng	99
30) 1,2,4-Trichlorobenzene	7.94	180	249067	35.006	ng	96
31) Naphthalene	8.02	128	822856	38.620	ng	100
32) Benzoic acid	7.72	122	12233	9.347	ng	95
33) 4-Chloroaniline	8.06	127	223365	23.997	ng	97
34) Hexachlorobutadiene	8.14	225	146044	34.049	ng	98
35) Caprolactam	8.42	113	72525	35.676	ng	# 87
36) 4-Chloro-3-methylphenol	8.55	107	243073	36.278	ng	99
37) 2-Methylnaphthalene	8.70	142	537119	39.105	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	246446	38.619	ng	97
40) Hexachlorocyclopentadiene	8.86	237	41127	14.776	ng	99

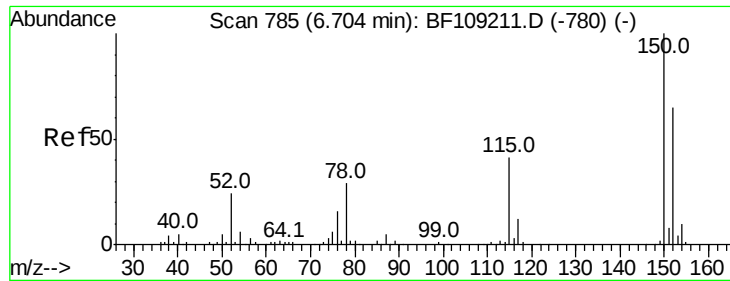
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
 Data File : BF109301.D
 Acq On : 25 Sep 2018 22:08
 Operator : JU/SJ
 Sample : J5044-08MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 02:28:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	156515	38.215	nq	98
43) 2,4,5-Trichlorophenol	9.03	196	160174	37.029	nq	92
45) 1,1'-Biphenyl	9.17	154	621832	38.062	nq	99
46) 2-Chloronaphthalene	9.19	162	475790	36.455	nq	98
47) 2-Nitroaniline	9.29	65	154386	41.722	nq	98
48) Acenaphthylene	9.60	152	749310	38.057	nq	100
49) Dimethylphthalate	9.47	163	873187	59.872	nq	99
50) 2,6-Dinitrotoluene	9.53	165	117495	40.678	nq	98
51) Acenaphthene	9.77	154	427357	35.900	nq	99
52) 3-Nitroaniline	9.69	138	125942	37.651	nq	93
53) 2,4-Dinitrophenol	9.80	184	3811	11.827	nq #	22
54) Dibenzofuran	9.95	168	635114	35.875	nq	98
55) 4-Nitrophenol	9.86	139	163542	64.902	nq	94
56) 2,4-Dinitrotoluene	9.93	165	140235	38.371	nq #	97
57) Fluorene	10.29	166	463062	36.660	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	122281	35.703	nq #	88
59) Diethylphthalate	10.17	149	543830	36.823	nq	96
60) 4-Chlorophenyl-phenylether	10.28	204	224034	33.958	nq	96
61) 4-Nitroaniline	10.30	138	121347	37.198	nq	95
62) Azobenzene	10.44	77	511643	33.345	nq	96
64) 4,6-Dinitro-2-methylphenol	10.34	198	9174	12.356	nq	81
65) n-Nitrosodiphenylamine	10.40	169	446542	39.824	nq	94
66) 4-Bromophenyl-phenylether	10.77	248	143050	37.958	nq #	89
67) Hexachlorobenzene	10.84	284	147715	36.906	nq #	91
68) Atrazine	10.93	200	142207	41.237	nq	98
69) Pentachlorophenol	11.03	266	132725	55.405	nq	98
70) Phenanthrene	11.25	178	676446	39.920	nq	99
71) Anthracene	11.30	178	673612	39.194	nq	98
72) Carbazole	11.45	167	604920	35.376	nq	98
73) Di-n-butylphthalate	11.79	149	738019	37.490	nq	99
74) Fluoranthene	12.43	202	715978	39.538	nq	97
76) Benzidine	12.54	184	451665	49.984	nq	98
77) Pyrene	12.66	202	716355	39.882	nq	100
79) Butylbenzylphthalate	13.27	149	298808	39.102	nq	96
80) Benzo(a)anthracene	13.84	228	598921	39.675	nq	99
81) 3,3'-Dichlorobenzidine	13.80	252	218915	38.158	nq	97
82) Chrysene	13.87	228	575549	38.467	nq	100
83) Bis(2-ethylhexyl)phthalate	13.84	149	380800	39.513	nq	98
84) Di-n-octyl phthalate	14.44	149	672790	40.829	nq	98
85) Indeno(1,2,3-cd)pyrene	16.60	276	410969	33.886	nq #	92
87) Benzo(b)fluoranthene	14.86	252	498115	44.746	nq	98
88) Benzo(k)fluoranthene	14.88	252	415531	39.337	nq	97
89) Benzo(a)pyrene	15.19	252	428079	42.676	nq	98
90) Dibenzo(a,h)anthracene	16.62	278	332864	40.448	nq #	95
91) Benzo(g,h,i)perylene	17.01	276	339533	41.981	nq #	93

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

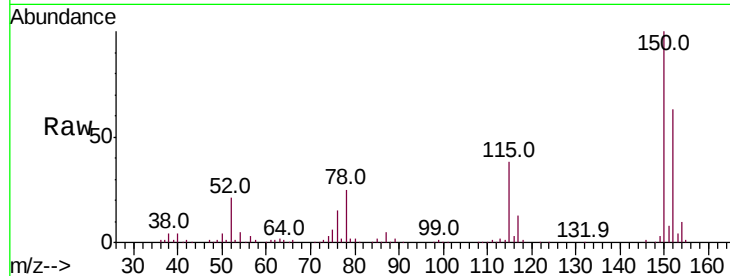


#1

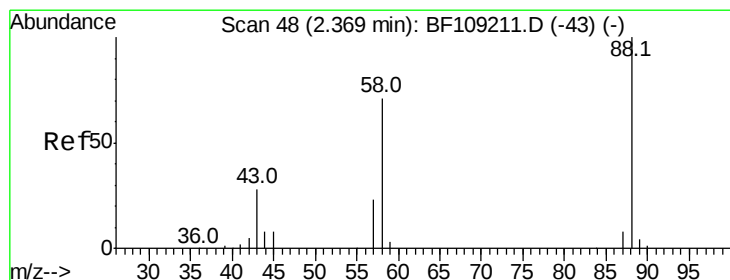
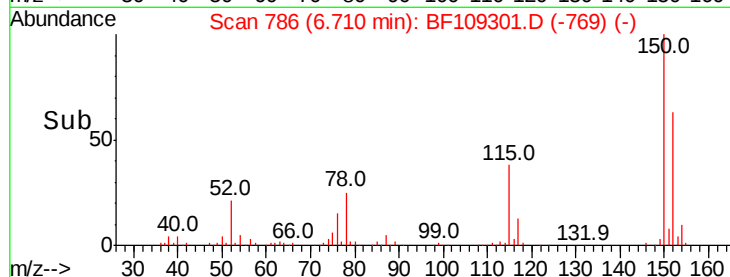
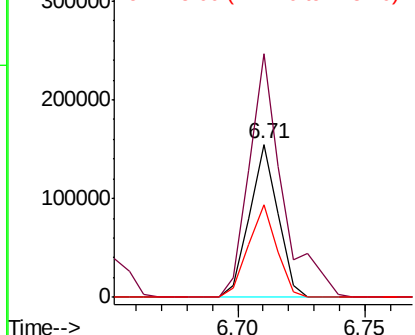
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 121448
Ion Ratio Lower Upper
152 100
150 159.3 124.6 186.8
115 60.5 50.1 75.1



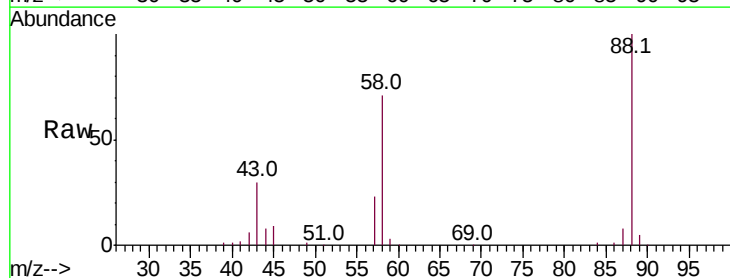
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



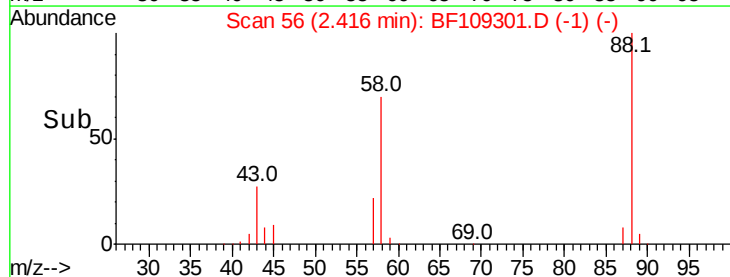
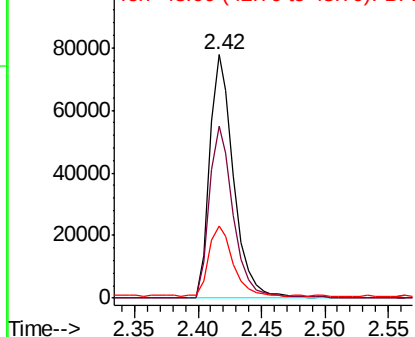
#2

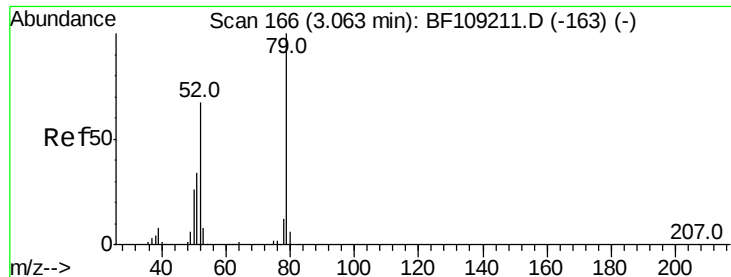
1,4-Dioxane
Concen: 30.277 ng
RT: 2.42 min Scan# 56
Delta R.T. 0.05 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Tgt Ion: 88 Resp: 102819
Ion Ratio Lower Upper
88 100
58 70.7 62.6 93.8
43 28.8 24.6 37.0



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





#3

Pvridine

Concen: 33.698 ng

RT: 3.12 min Scan# 176

Delta R.T. 0.06 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

Instrument :

BNA_F

ClientSampleId :

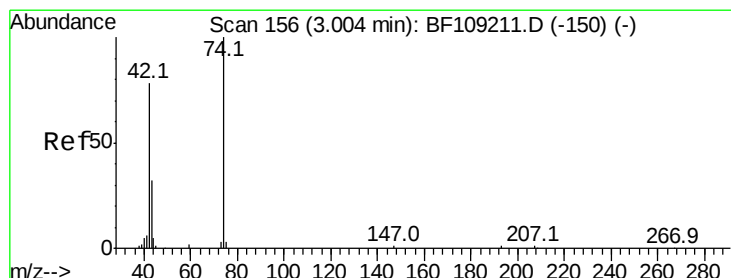
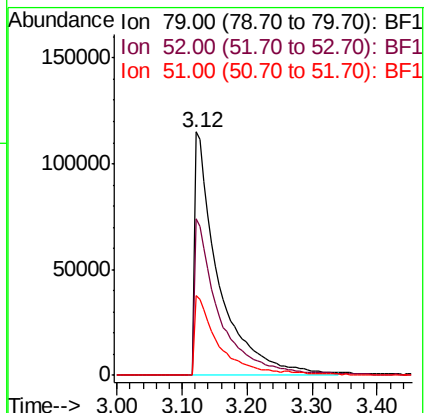
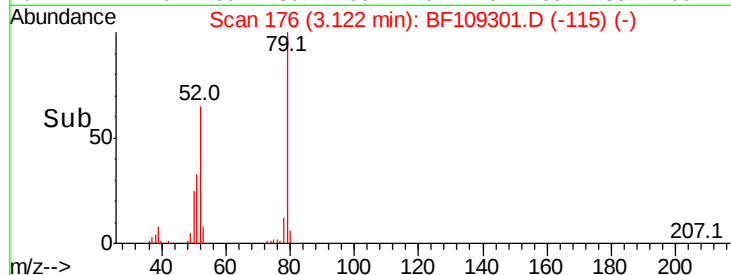
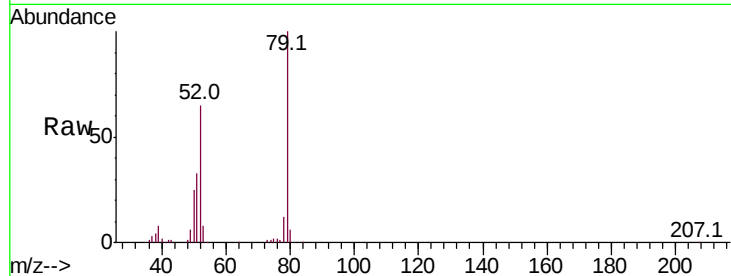
Tot Ion: 79 Resp: 294533

Ion Ratio Lower Upper

79 100

52 64.5 59.8 89.6

51 32.6 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 37.164 ng

RT: 3.05 min Scan# 164

Delta R.T. 0.03 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

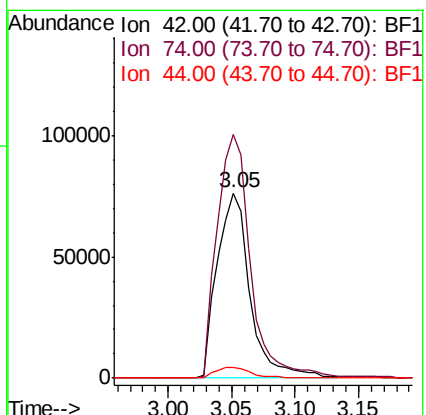
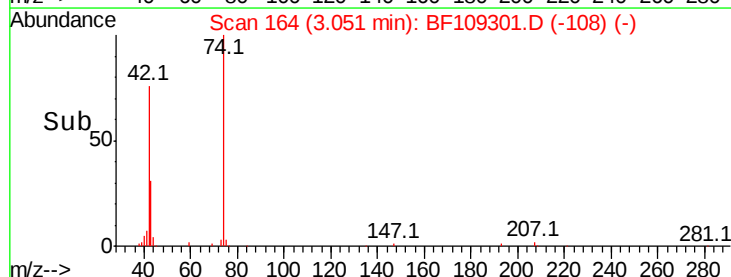
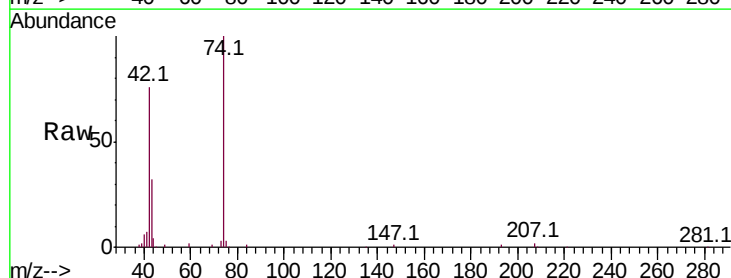
Tgt Ion: 42 Resp: 138233

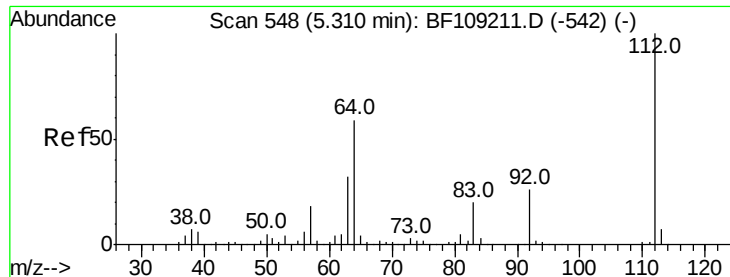
Ion Ratio Lower Upper

42 100

74 131.7 104.9 157.3

44 5.7 6.9 10.3#

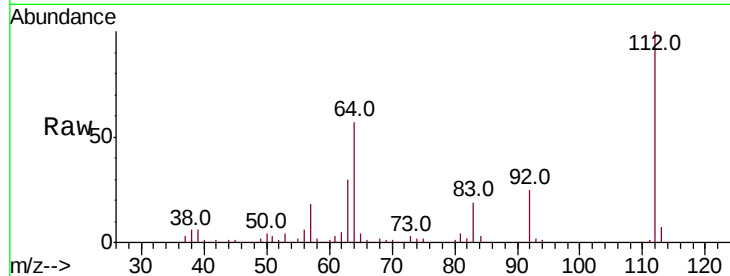




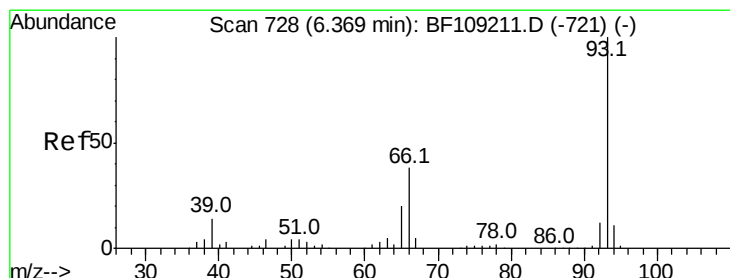
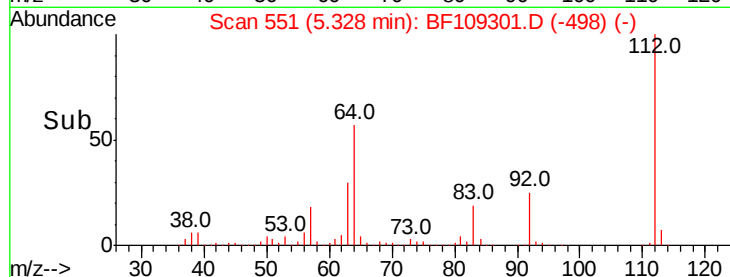
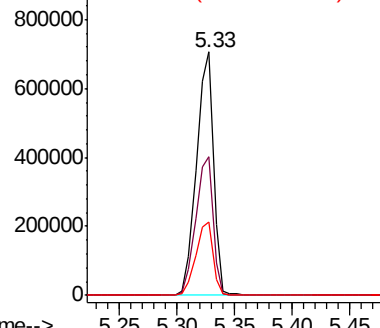
#5
 2-Fluorophenol
 Concen: 98.307 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
112	100		
64	56.9	47.9	71.9
63	30.2	23.7	35.5

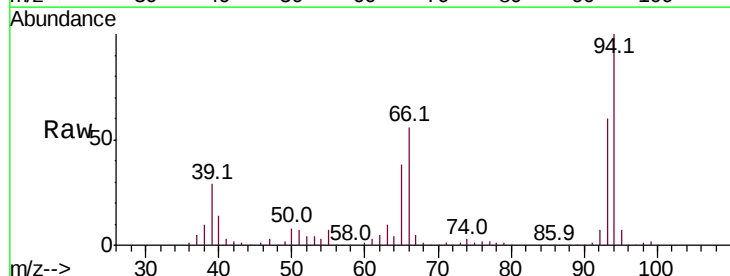


Abundance Ion 112.00 (111.70 to 112.70): BF1
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

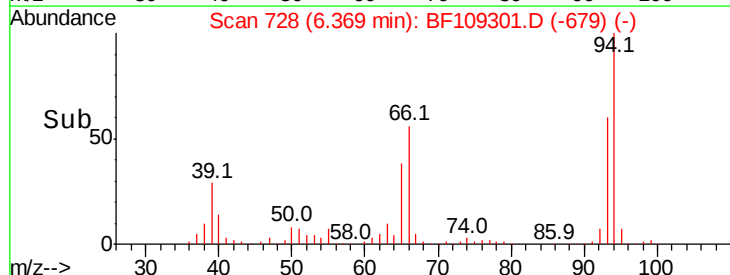
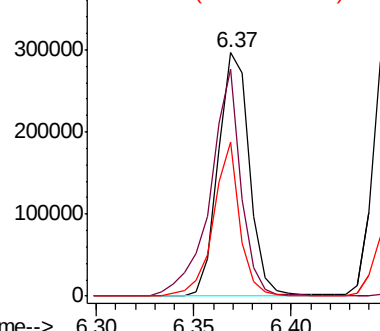


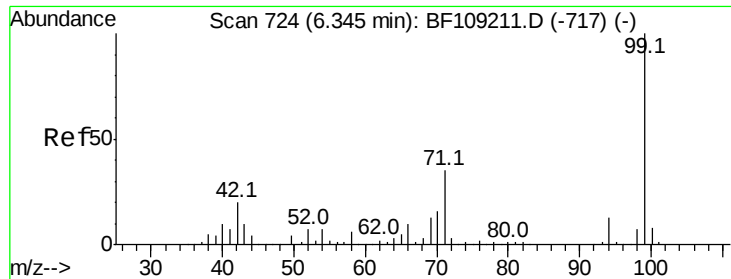
#6
 Aniline
 Concen: 27.370 ng
 RT: 6.37 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Tgt Ion	Ratio	Lower	Upper
93	100		
66	93.4	32.2	48.2#
65	63.2	16.4	24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 66.00 (65.70 to 66.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 99.801 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

Instrument :

BNA_F

ClientSampled :

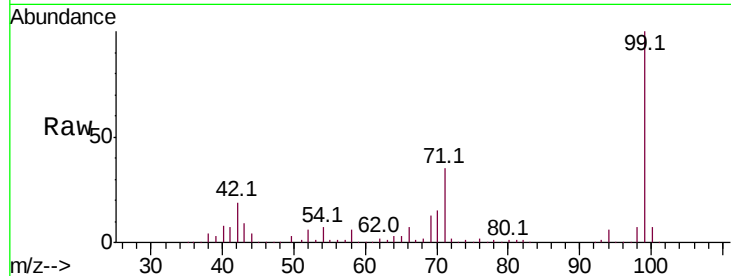
Tot Ion: 99 Resp: 939024

Ion Ratio Lower Upper

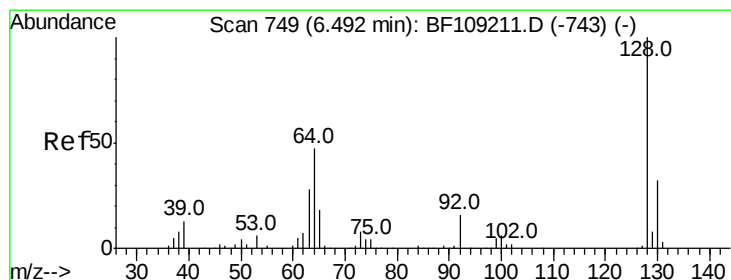
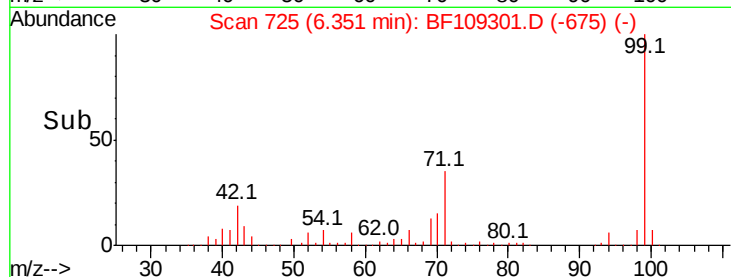
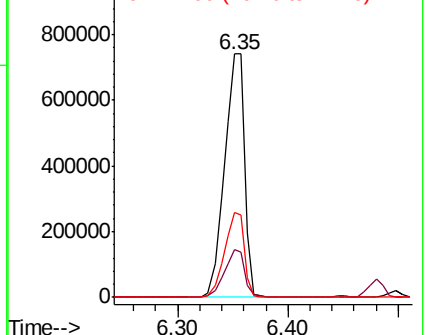
99 100

42 19.4 14.5 21.7

71 34.9 25.4 38.0



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



#8

2-Chlorophenol

Concen: 35.926 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

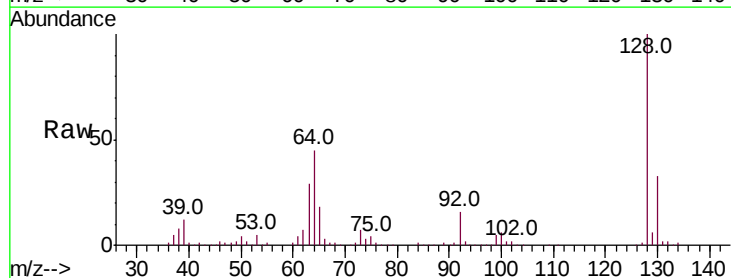
Tgt Ion: 128 Resp: 294582

Ion Ratio Lower Upper

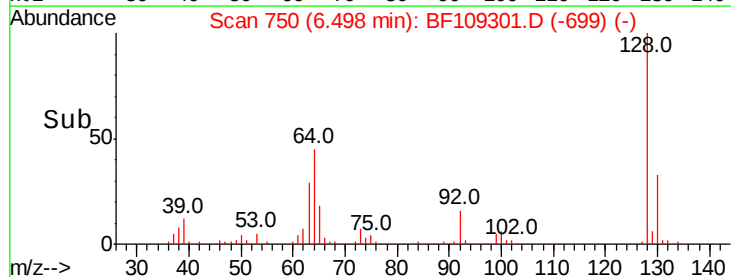
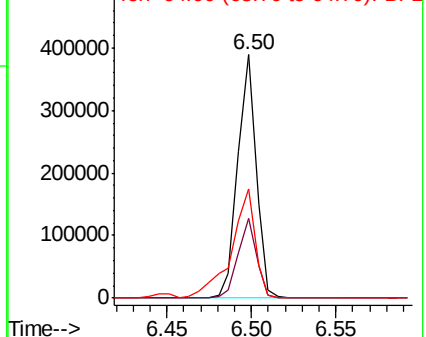
128 100

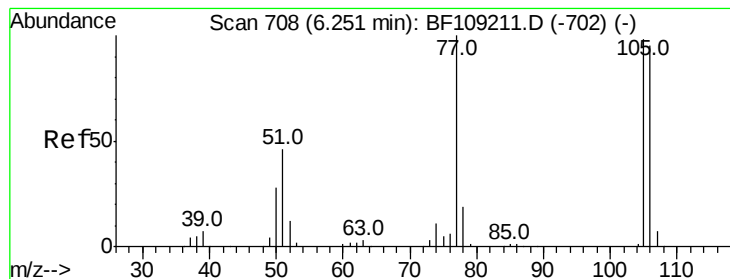
130 32.8 13.0 53.0

64 44.8 29.4 69.4



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





#9

Benzaldehyde

Concen: 33.539 ng

RT: 6.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

Instrument :

BNA_F

ClientSampleId :

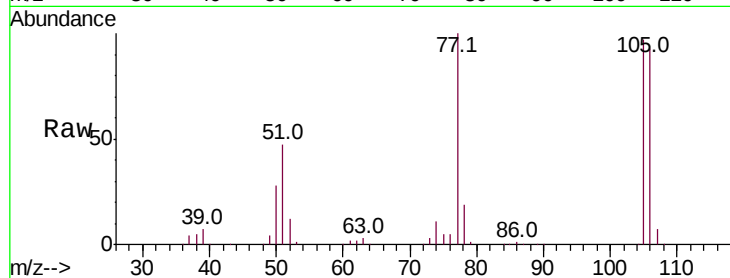
Tot Ion: 77 Resp: 202722

Ion Ratio Lower Upper

77 100

105 97.2 81.1 121.1

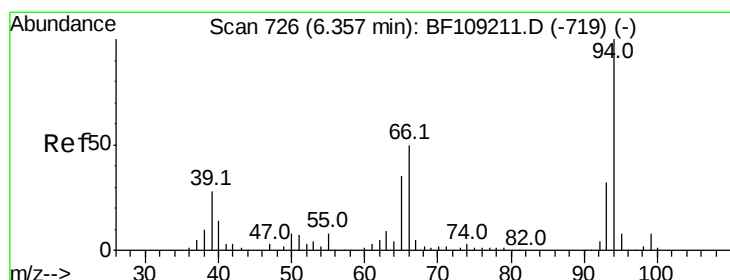
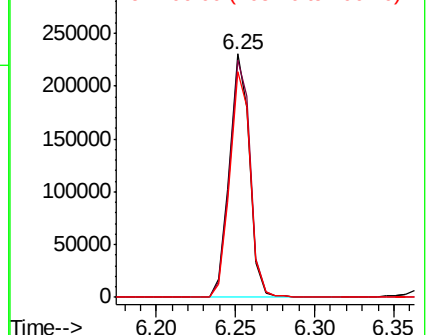
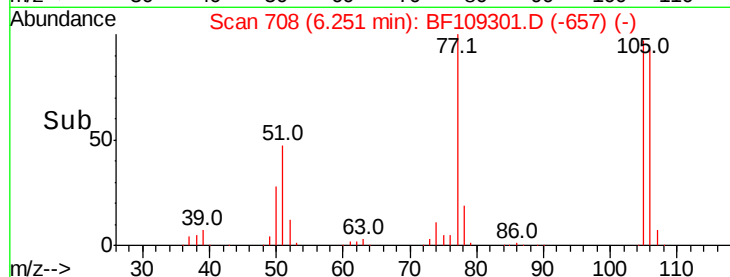
106 92.6 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.804 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

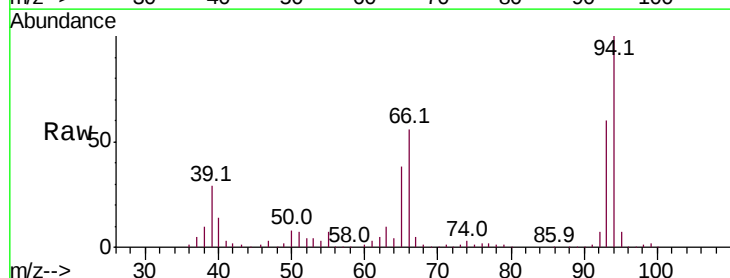
Tgt Ion: 94 Resp: 392160

Ion Ratio Lower Upper

94 100

65 38.1 7.9 47.9

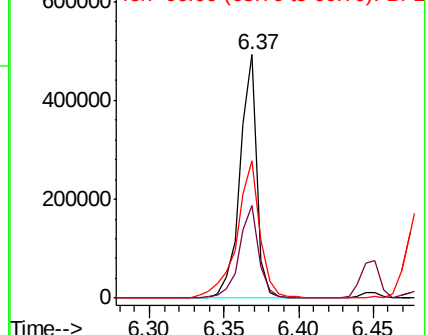
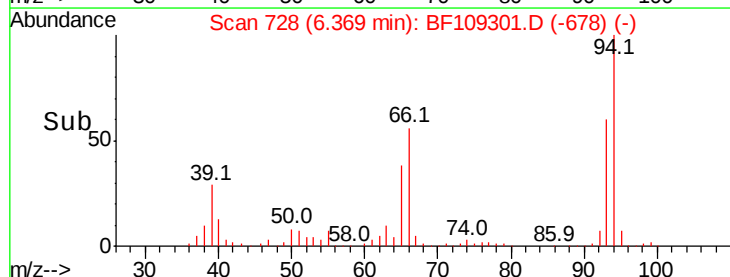
66 56.3 16.2 56.2#

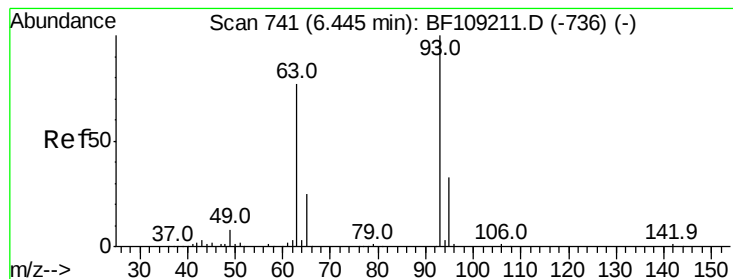


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 34.125 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

Instrument :

BNA_F

ClientSampleId :

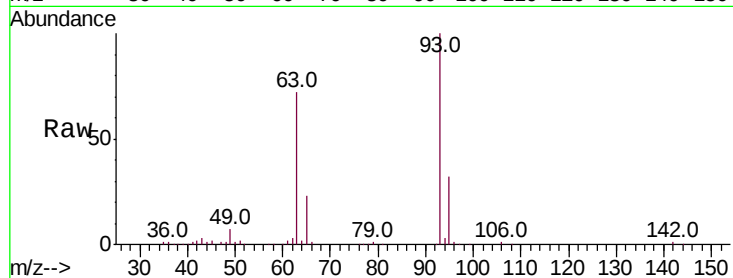
Tot Ion: 93 Resp: 284523

Ion Ratio Lower Upper

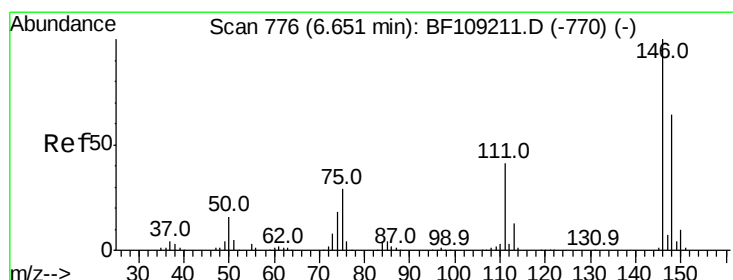
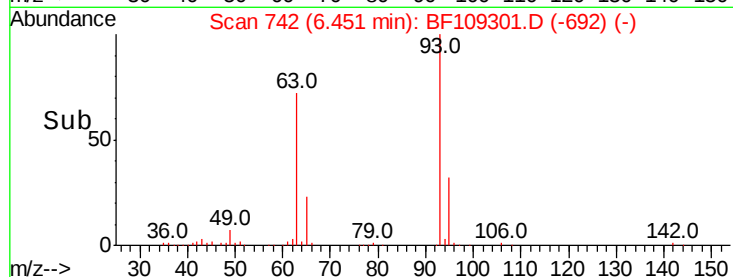
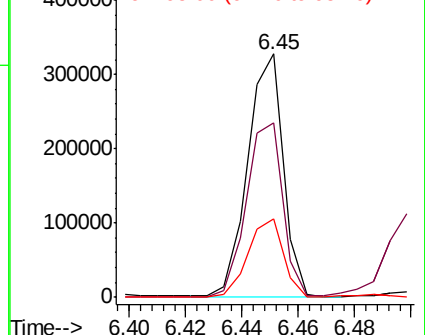
93 100

63 71.7 58.6 98.6

95 32.3 11.8 51.8



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: 33.547 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

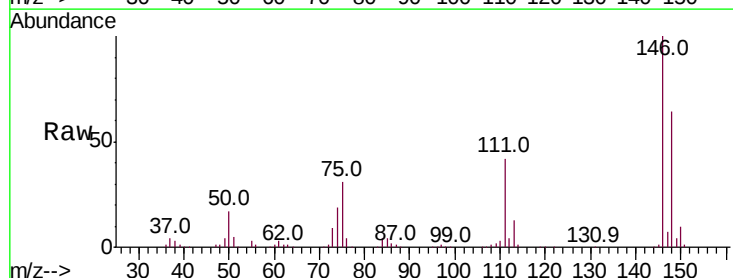
Tgt Ion: 146 Resp: 316713

Ion Ratio Lower Upper

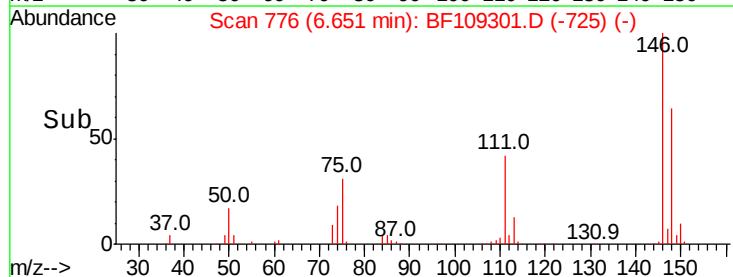
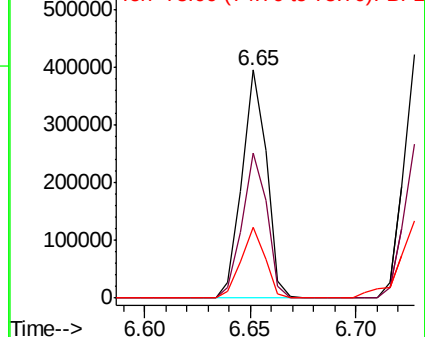
146 100

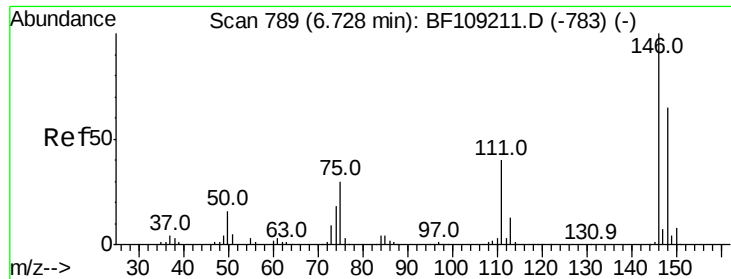
148 63.7 51.8 77.8

75 31.3 24.2 36.4



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

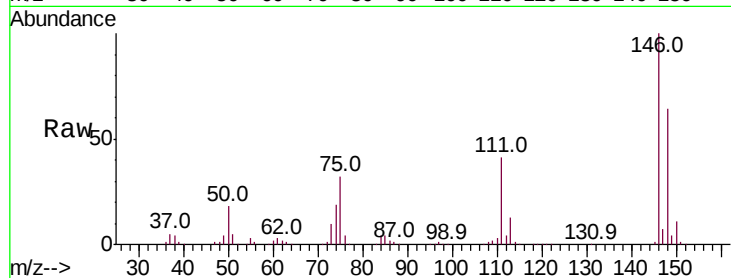




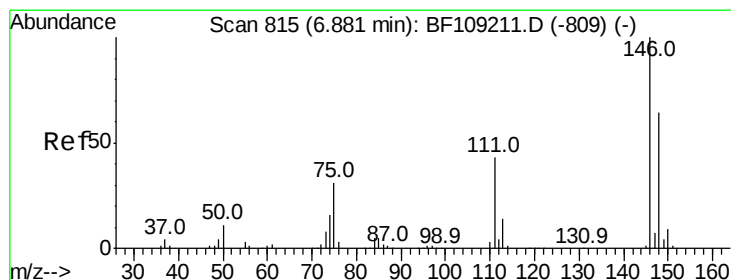
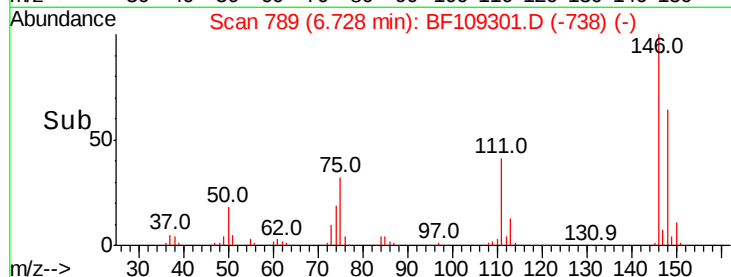
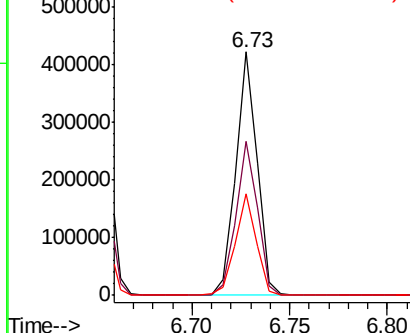
#13
 1,4-Dichlorobenzene
 Concen: 33.447 ng
 RT: 6.73 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.8	76.2
111	41.5	34.2	51.2

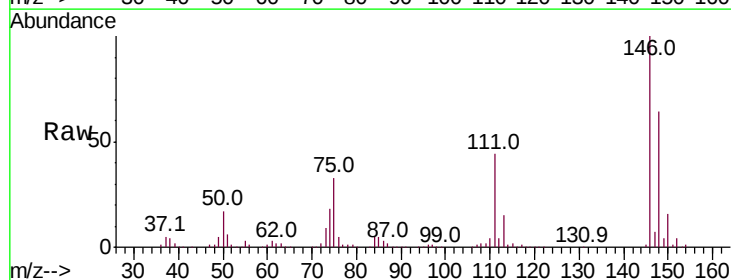


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

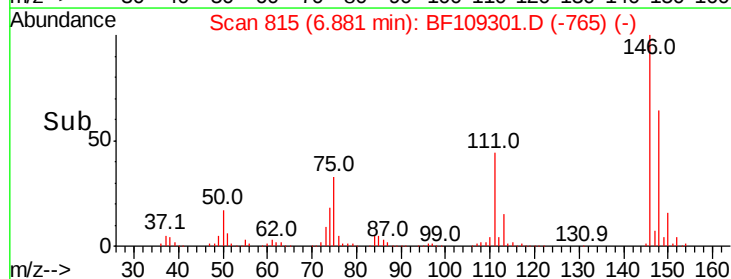
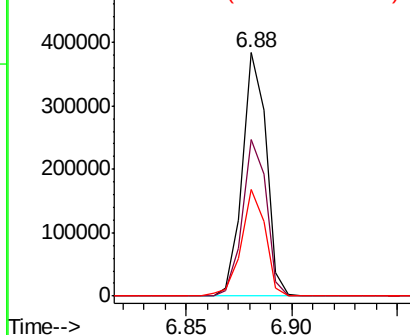


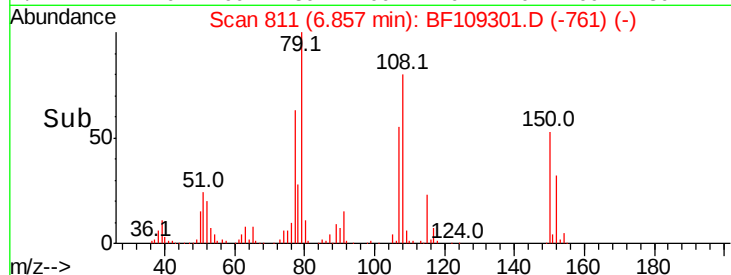
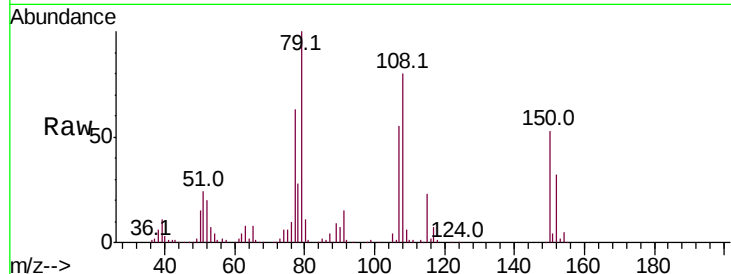
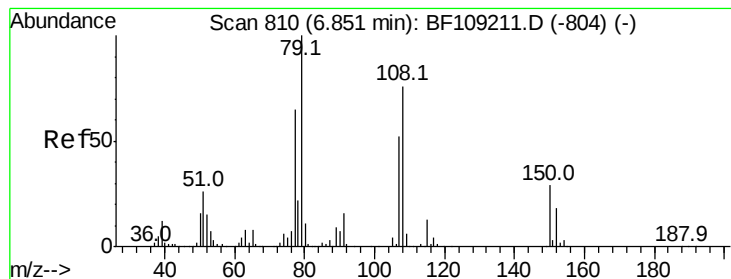
#14
 1,2-Dichlorobenzene
 Concen: 34.282 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.6	75.8
111	44.0	36.0	54.0



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





#15

Benzyl Alcohol

Concen: 36.156 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

Instrument :

BNA_F

ClientSampleId :

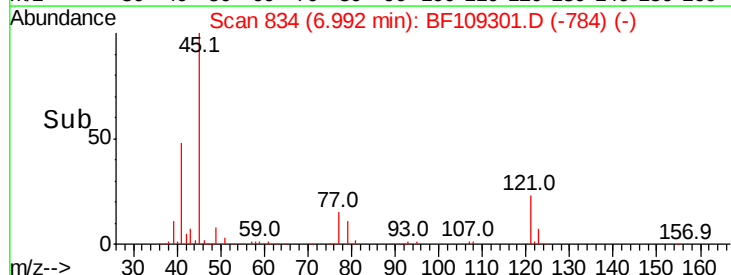
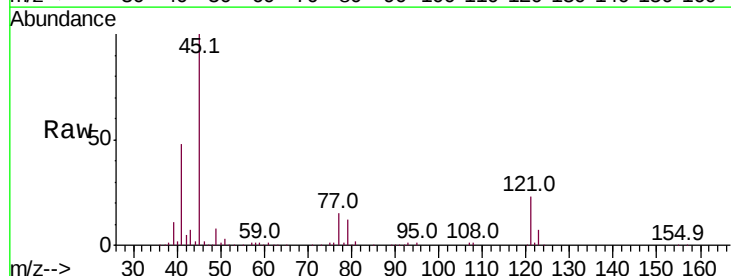
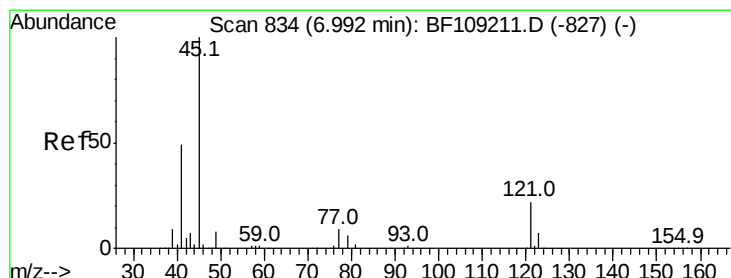
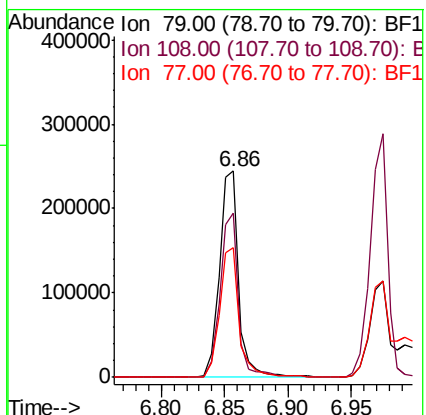
Tot Ion: 79 Resp: 260392

Ion Ratio Lower Upper

79 100

108 79.7 65.1 97.7

77 62.8 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.937 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

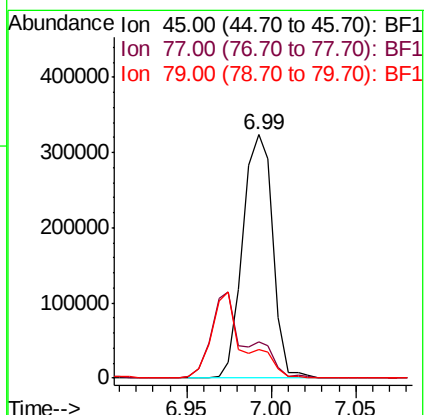
Tgt Ion: 45 Resp: 401355

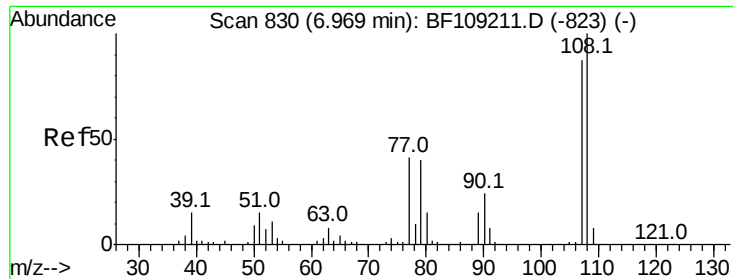
Ion Ratio Lower Upper

45 100

77 14.8 0.0 32.9

79 11.7 0.0 29.6

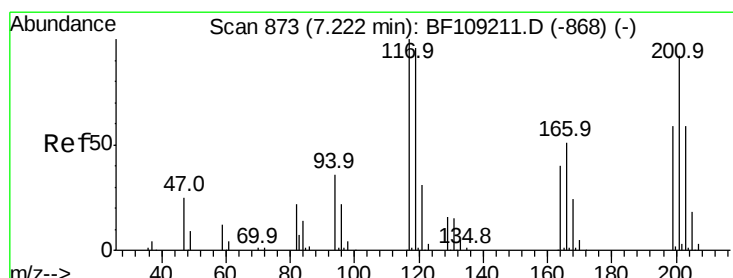
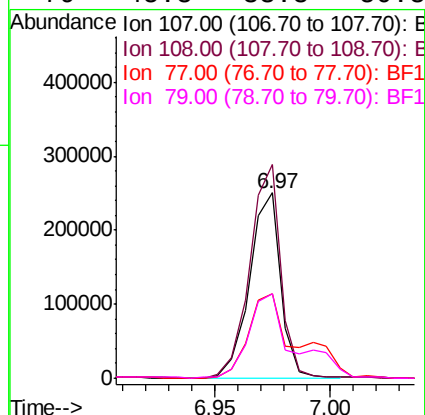
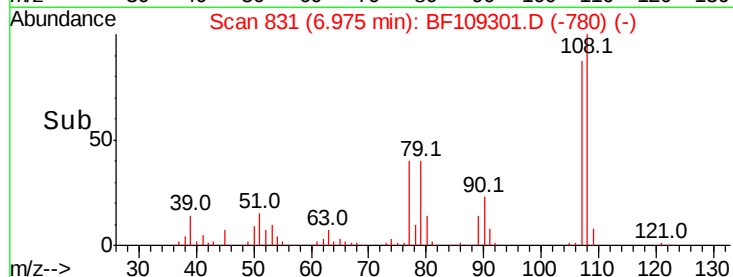
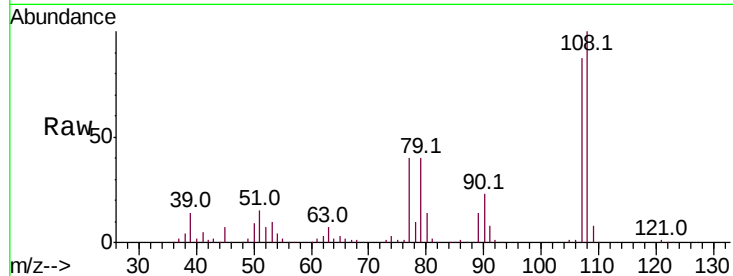




#17
2-Methylphenol
Concen: 35.565 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

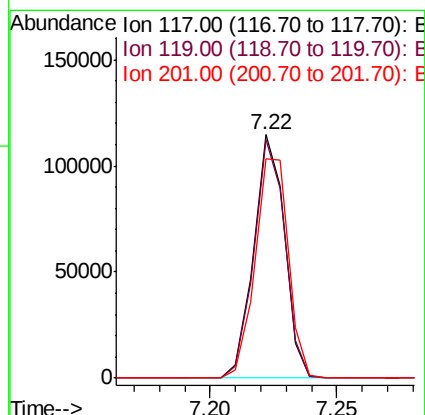
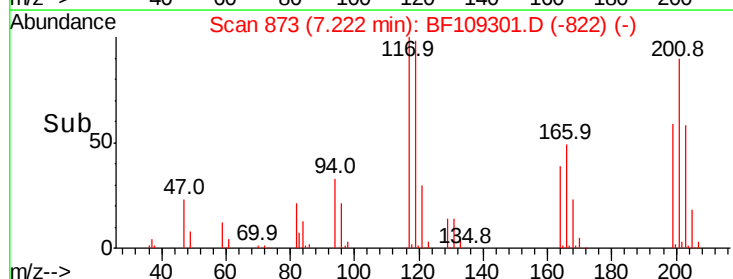
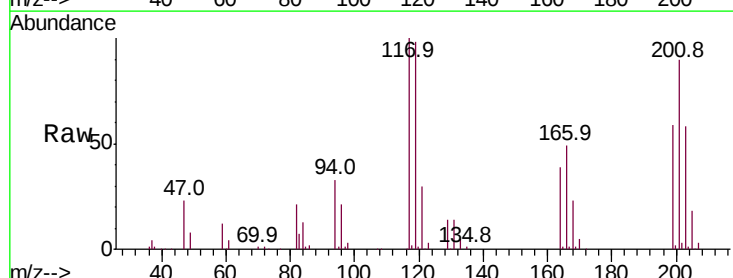
Instrument :
BNA_F
ClientSampled :

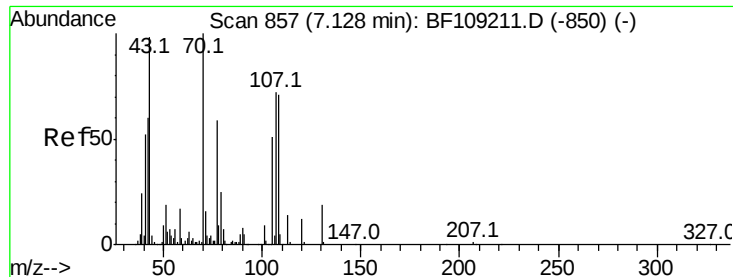
Tot Ion:107 Resp: 235961
Ion Ratio Lower Upper
107 100
108 115.2 91.7 137.5
77 45.7 33.8 50.8
79 45.8 33.8 50.8



#18
Hexachloroethane
Concen: 29.058 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Tgt Ion:117 Resp: 97370
Ion Ratio Lower Upper
117 100
119 98.1 75.8 113.8
201 90.1 75.7 113.5

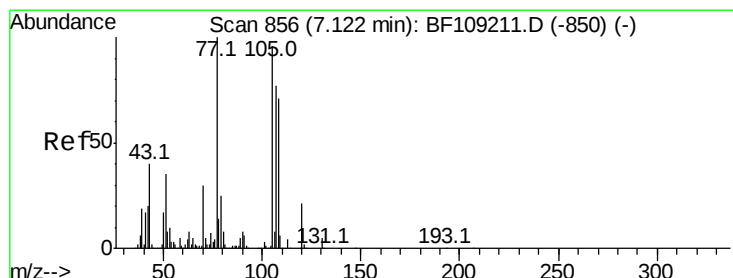
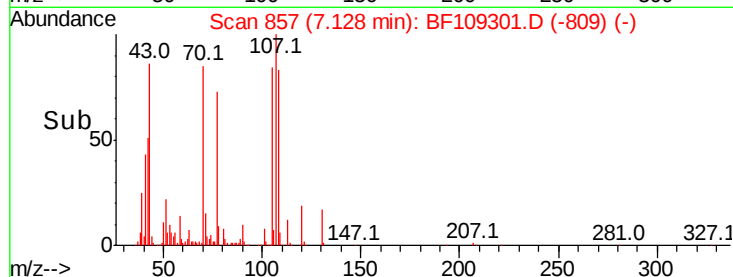
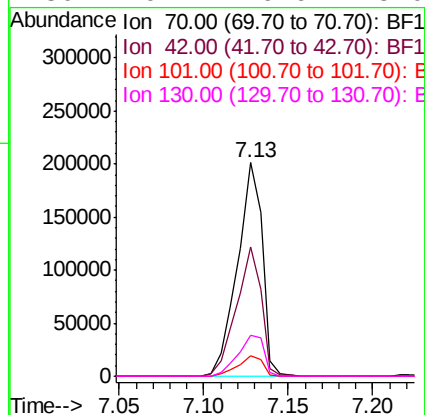
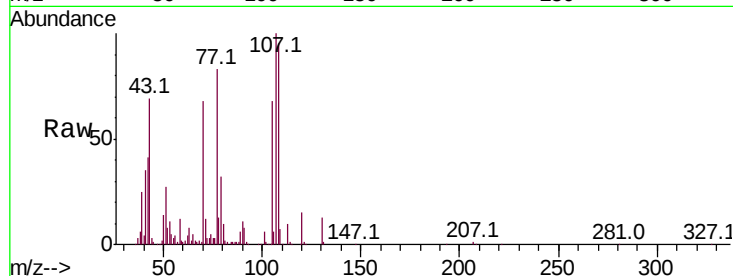




#19
n-Nitroso-di-n-propylamine
Concen: 33.436 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

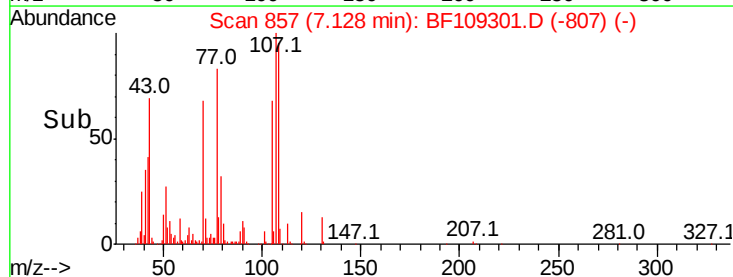
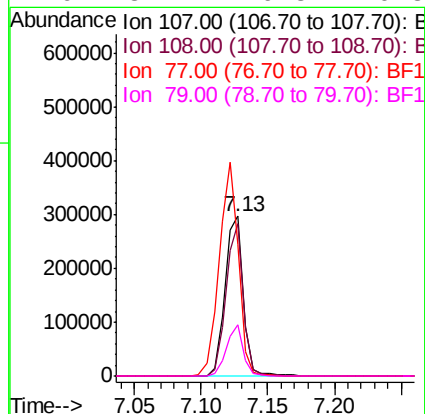
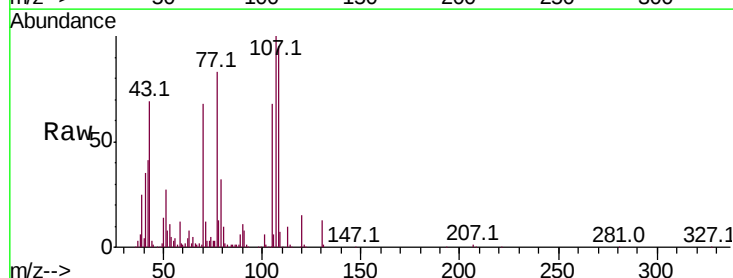
Instrument :
BNA_F
ClientSampleId :

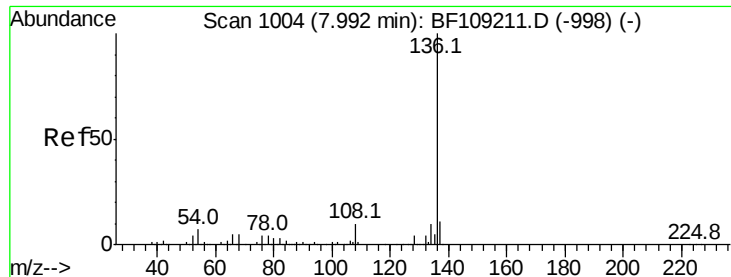
Tot Ion:	70	Resp:	206144
Ion	Ratio	Lower	Upper
70	100		
42	60.3	47.5	71.3
101	9.3	7.4	11.2
130	19.4	16.6	25.0



#20
3+4-Methylphenols
Concen: 35.929 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Tgt Ion:	107	Resp:	287795
Ion	Ratio	Lower	Upper
107	100		
108	95.0	68.2	108.2
77	82.8	26.7	66.7#
79	32.4	6.3	46.3

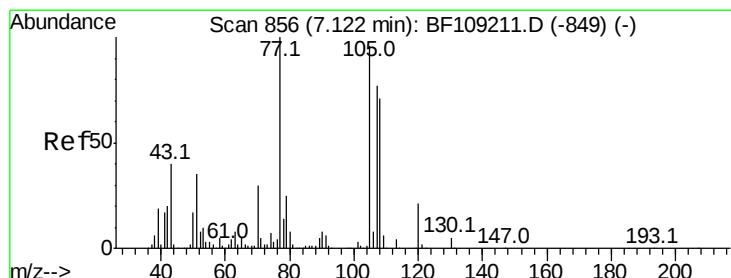
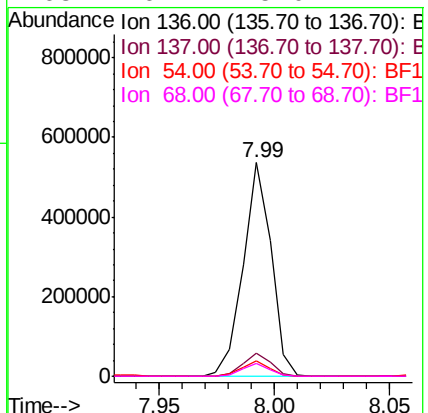
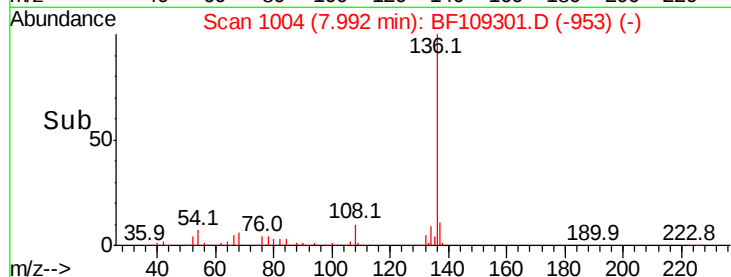
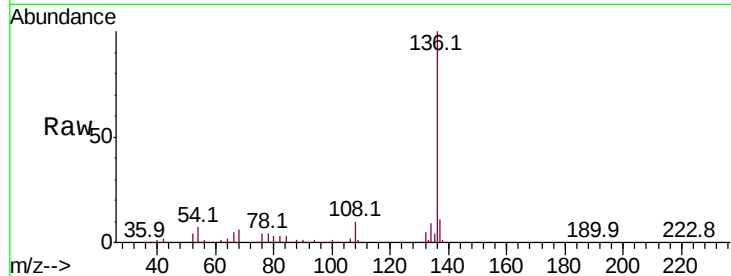




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

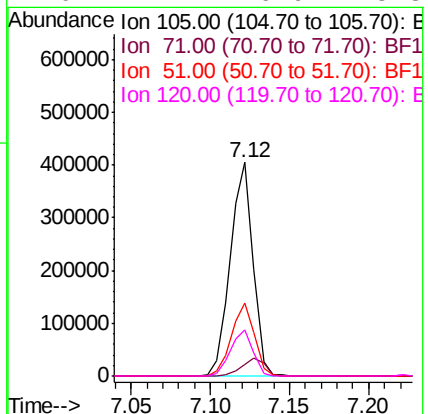
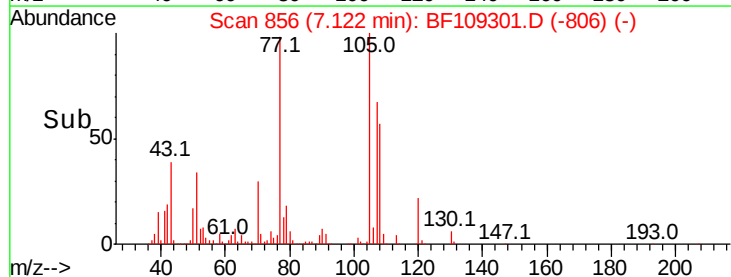
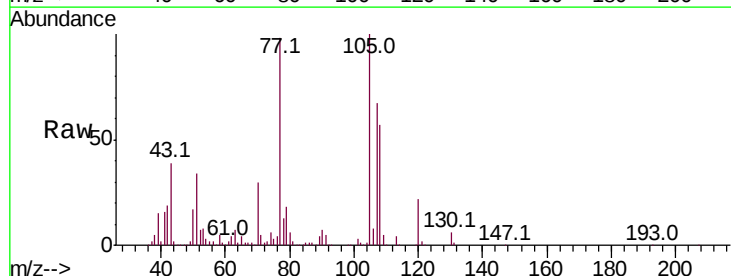
Instrument :
BNA_F
ClientSampleId :

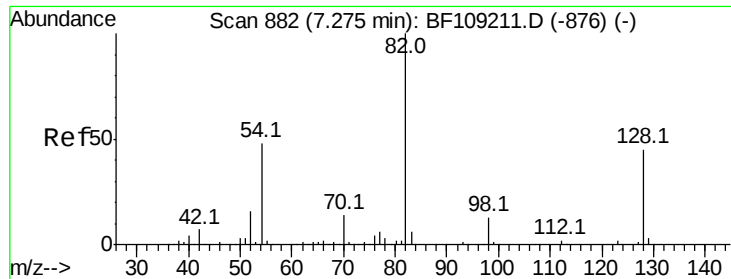
Tot Ion:136	Resp:	455951
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.9	13.3
54 7.2	6.6	9.8
68 6.1	5.0	7.4



#22
Acetophenone
Concen: 38.183 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Tgt Ion:105	Resp:	402509
Ion Ratio	Lower	Upper
105 100		
71 5.1	4.4	6.6
51 34.0	22.3	33.5#
120 21.7	16.9	25.3

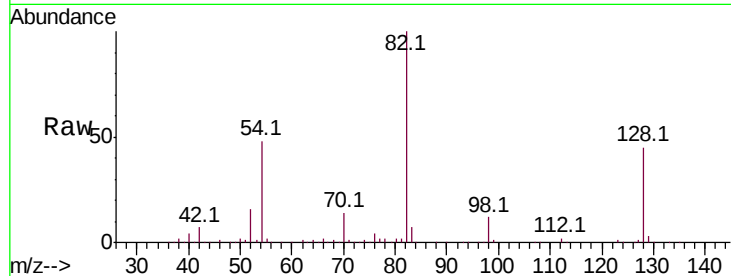




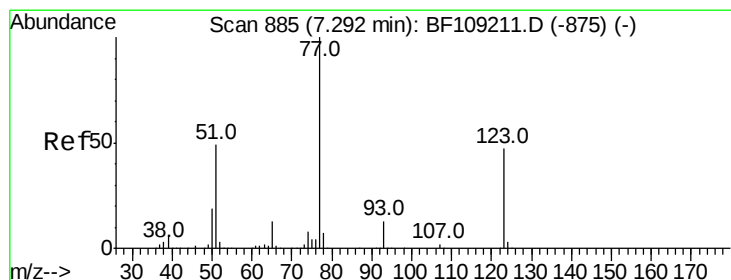
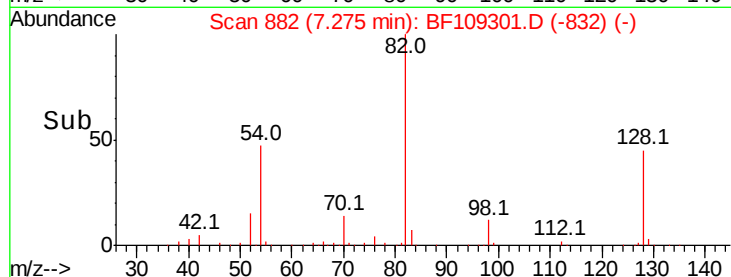
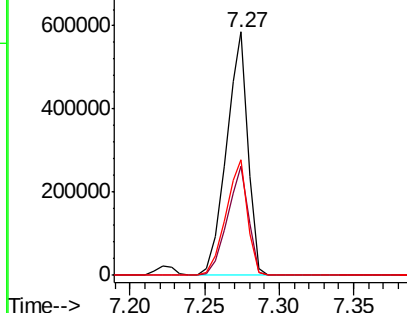
#23
Nitrobenzene-d5
Concen: 76.751 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	592810
Ion Ratio	100	Lower	Upper
128	45.0	36.1	54.1
54	47.7	41.4	62.2

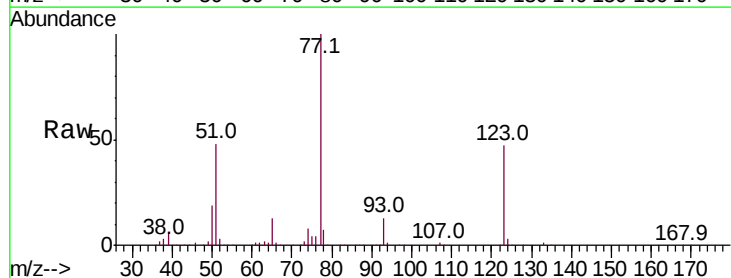


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

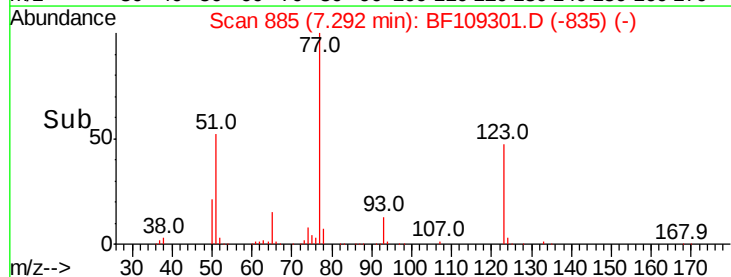
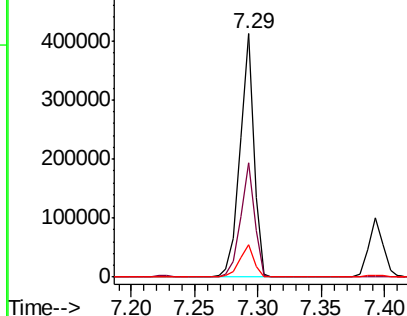


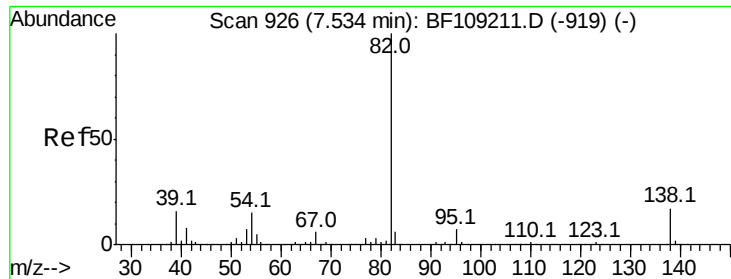
#24
Nitrobenzene
Concen: 37.748 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Tgt Ion	77	Resp	310006
Ion Ratio	100	Lower	Upper
123	47.2	37.9	56.9
65	13.1	11.0	16.4



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





#25

Isophorone

Concen: 40.230 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

Instrument :

BNA_F

ClientSampleId :

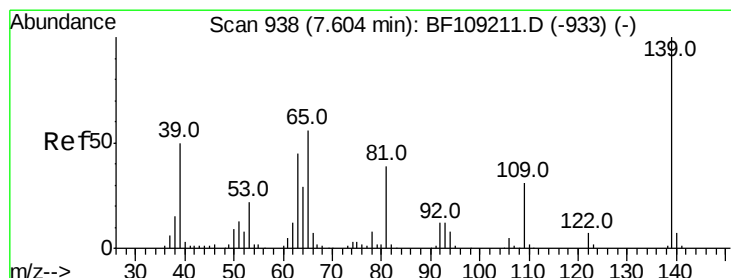
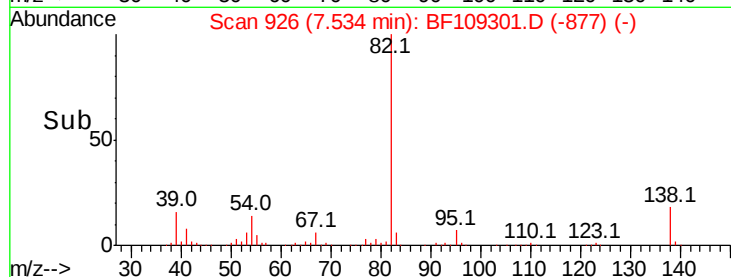
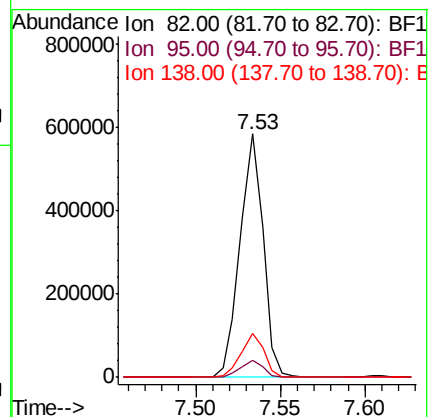
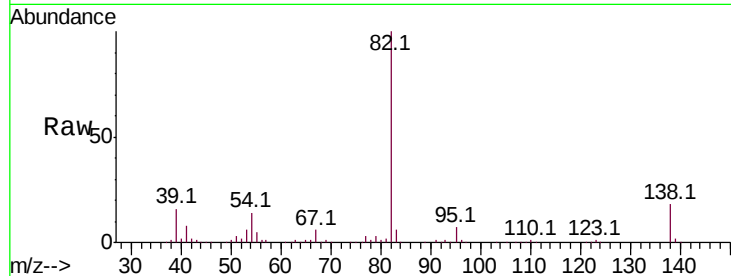
Tot Ion: 82 Resp: 559550

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

138 17.9 14.9 22.3



#26

2-Nitrophenol

Concen: 37.437 ng

RT: 7.61 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

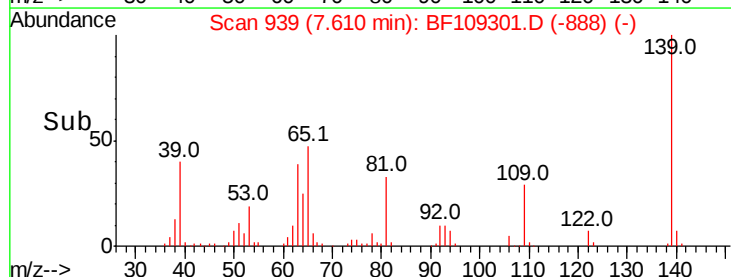
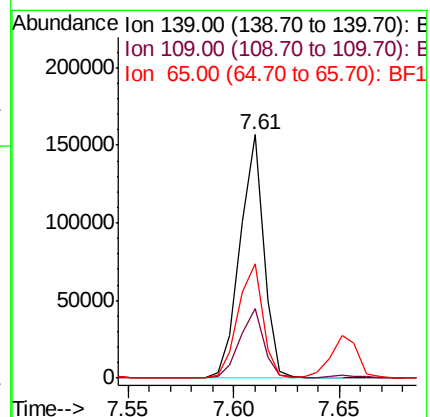
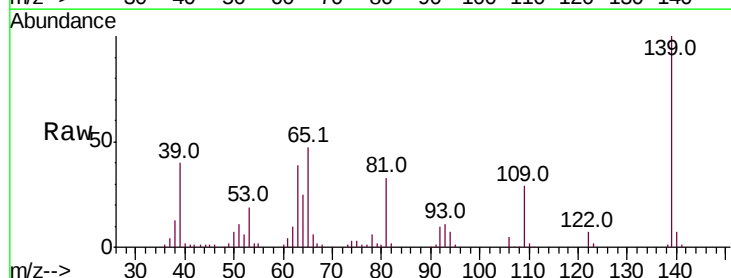
Tgt Ion: 139 Resp: 121589

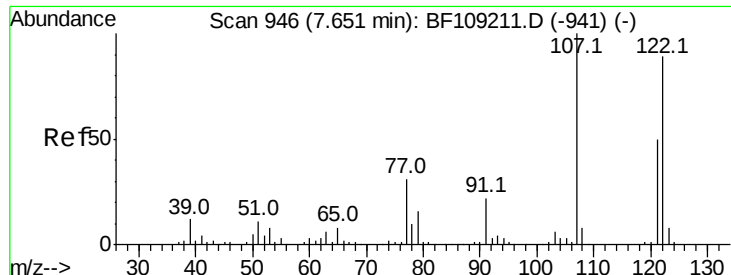
Ion Ratio Lower Upper

139 100

109 28.6 22.7 34.1

65 47.1 40.5 60.7

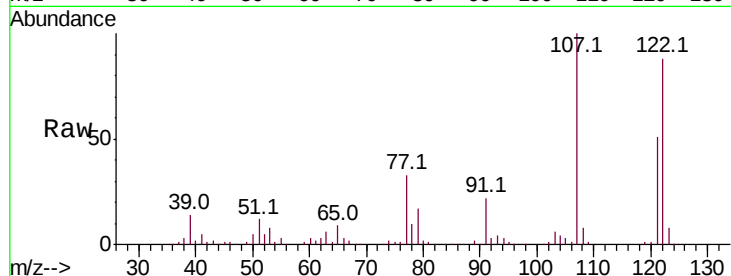




#27
 2,4-Dimethylphenol
 Concen: 42.441 ng
 RT: 7.65 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.6	91.2	136.8
121	58.1	47.2	70.8

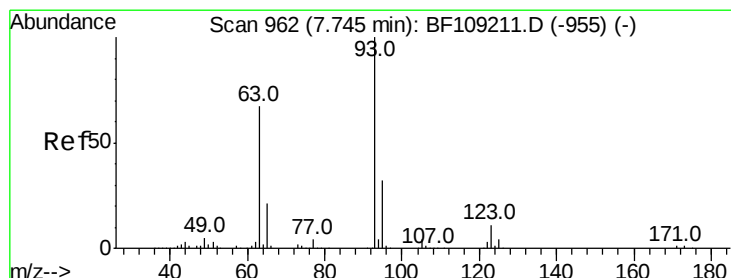
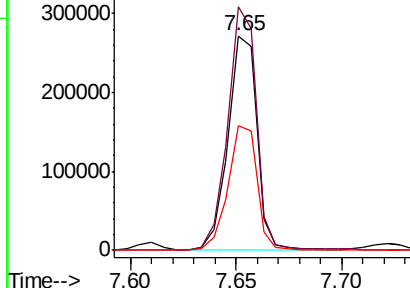
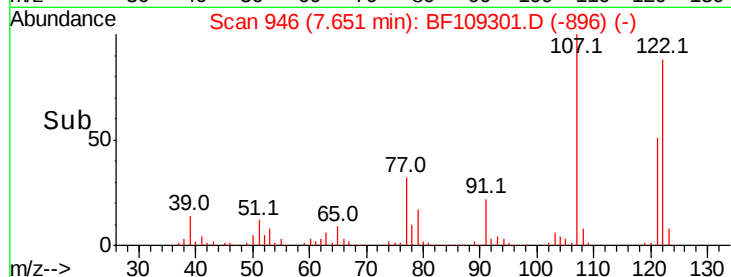


Abundance

Ion 122.00 (121.70 to 122.70): E

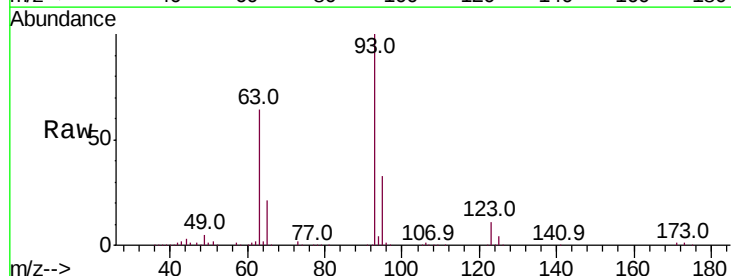
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.487 ng
 RT: 7.75 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.3	39.5
123	10.5	9.8	14.6

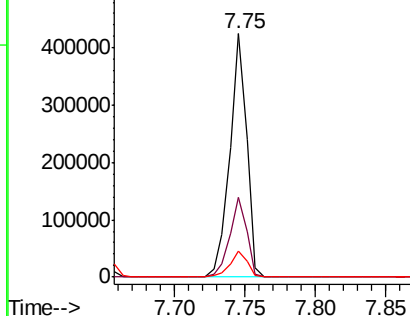
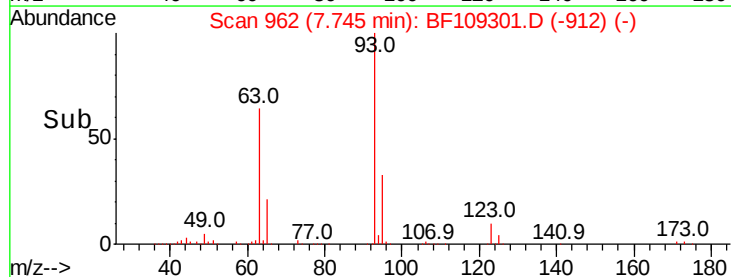


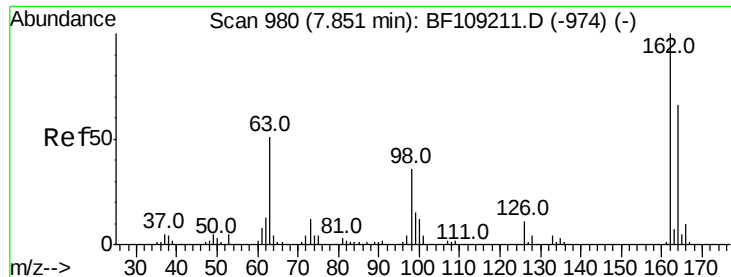
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

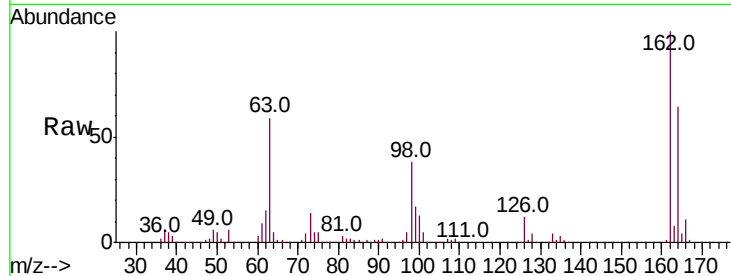




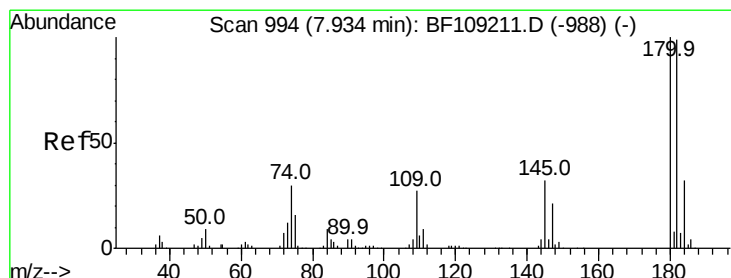
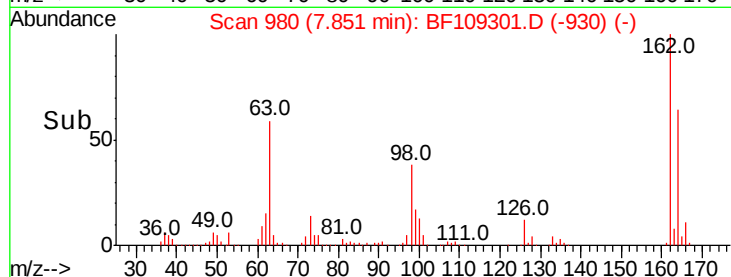
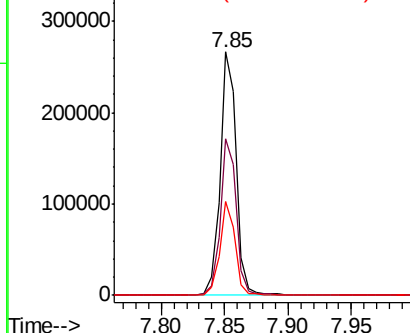
#29
 2,4-Dichlorophenol
 Concen: 37.544 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	42.7	82.7
98	38.5	18.1	58.1

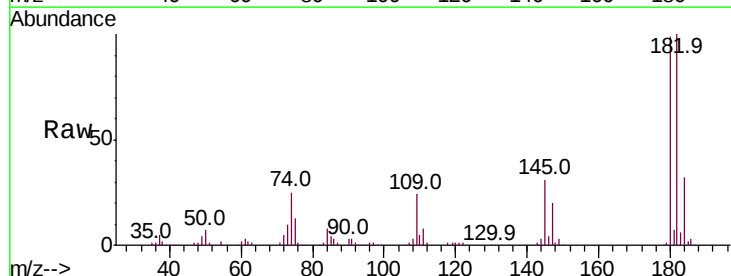


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

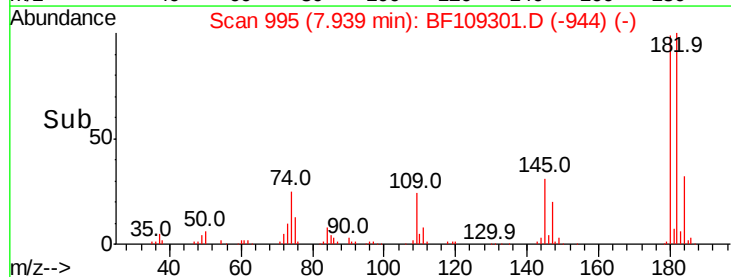
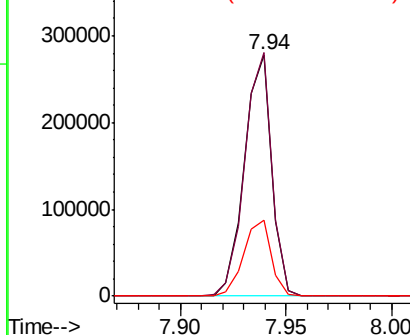


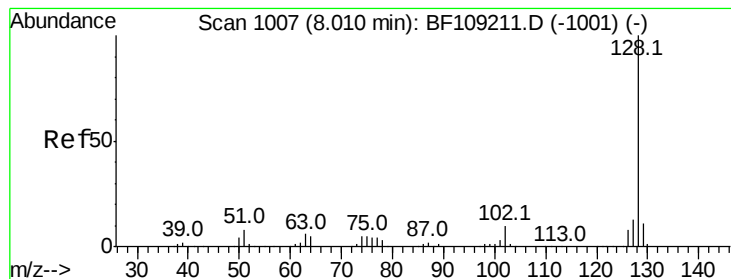
#30
 1,2,4-Trichlorobenzene
 Concen: 35.006 ng
 RT: 7.94 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.8	76.8	115.2
145	31.2	26.5	39.7



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





#31

Naphthalene

Concen: 38.620 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

Instrument :

BNA_F

ClientSampled :

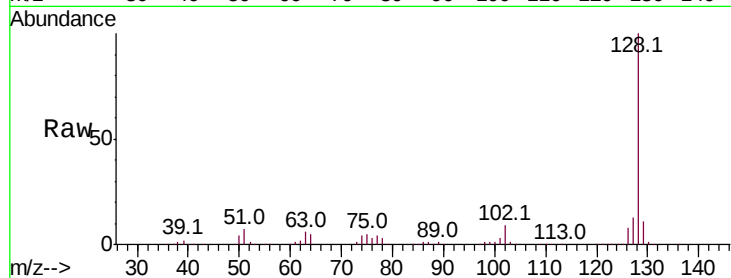
Tot Ion:128 Resp: 822856

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

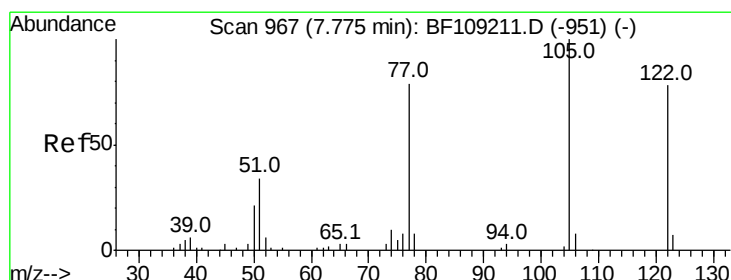
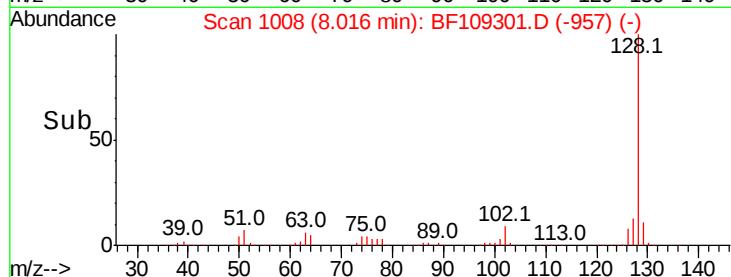
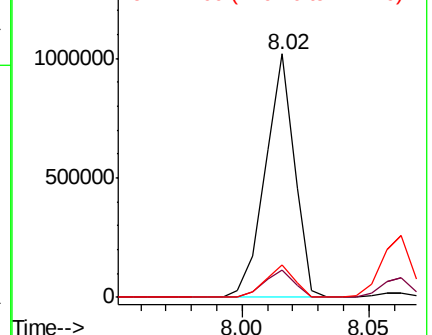
127 13.3 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 9.347 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.10 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

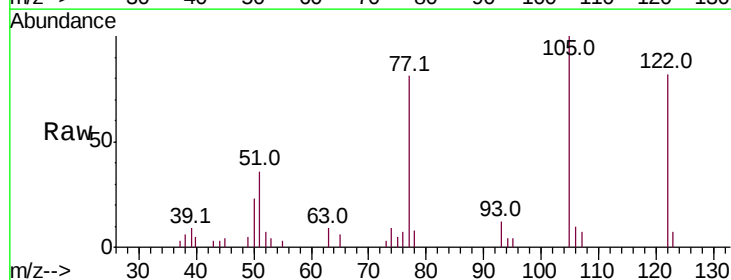
Tgt Ion:122 Resp: 12233

Ion Ratio Lower Upper

122 100

105 122.6 101.1 141.1

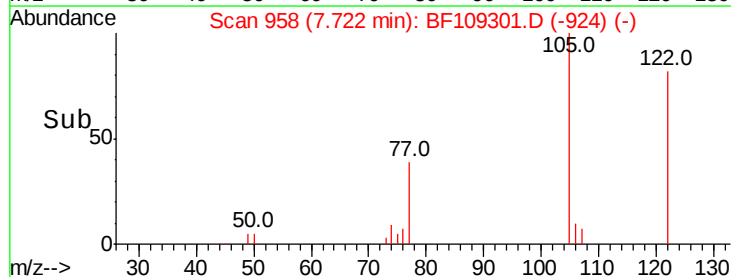
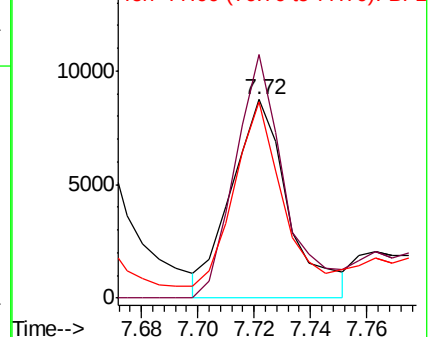
77 99.0 70.7 110.7

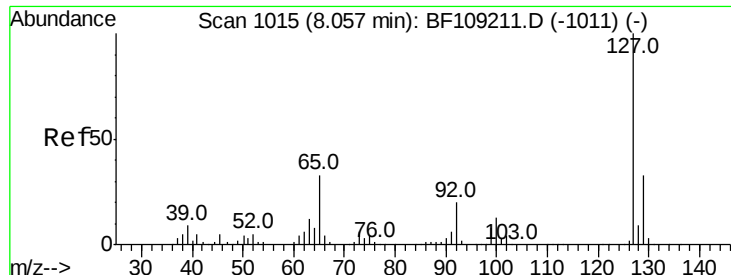


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

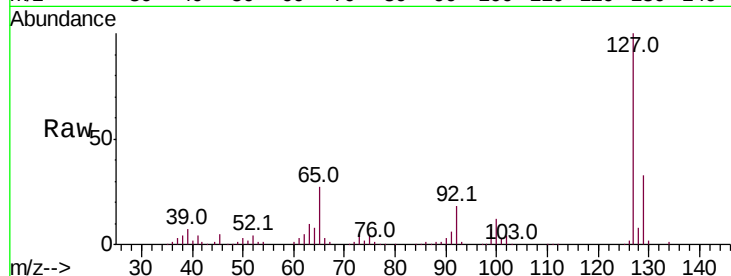




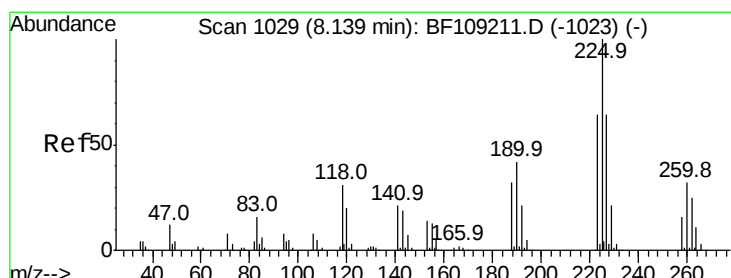
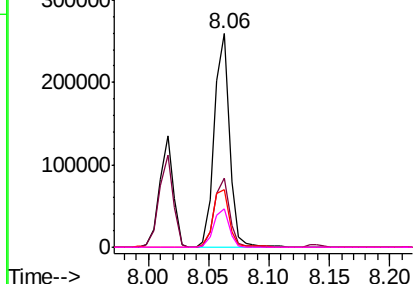
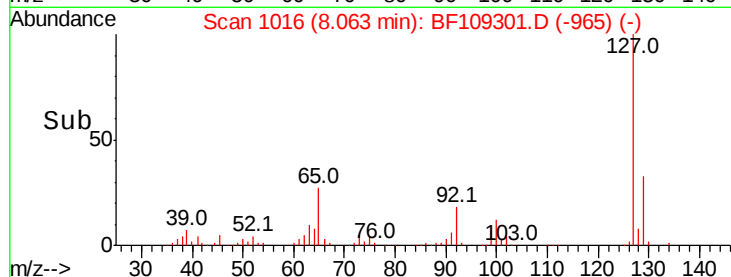
#33
4-Chloroaniline
Concen: 23.997 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	223365
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	27.0	25.0	37.4
92	18.3	15.2	22.8

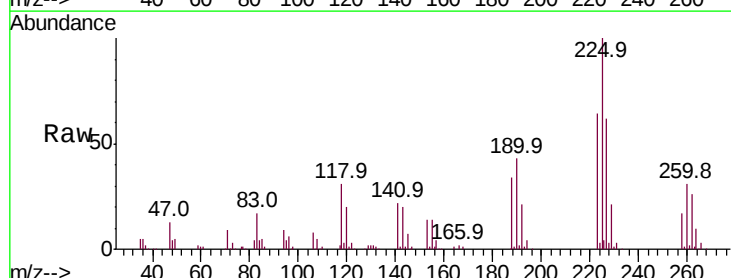


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

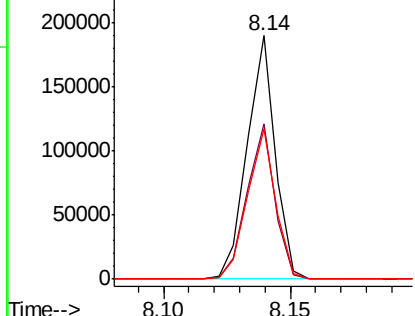
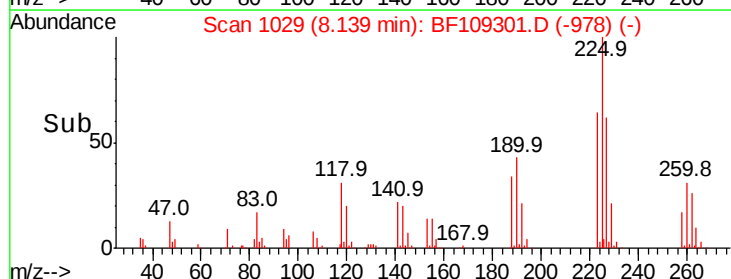


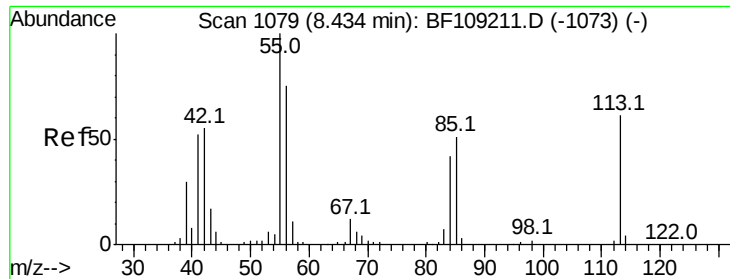
#34
Hexachlorobutadiene
Concen: 34.049 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Tgt Ion:	225	Resp:	146044
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.6	76.0
227	61.7	51.9	77.9



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

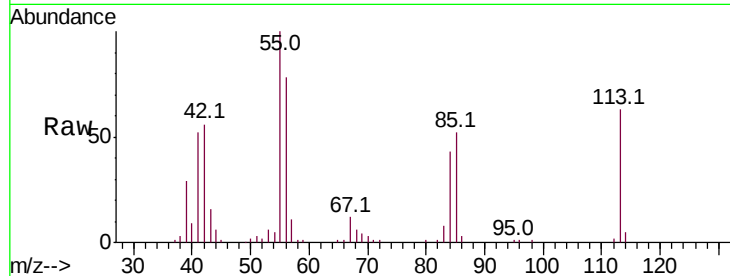




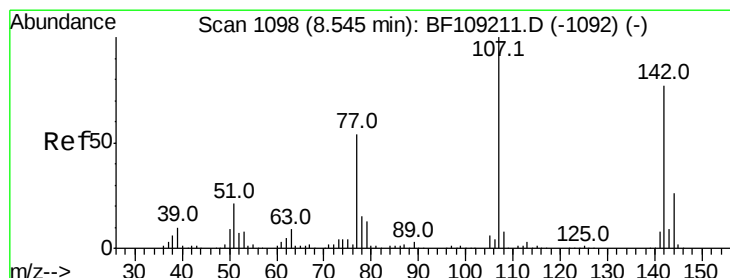
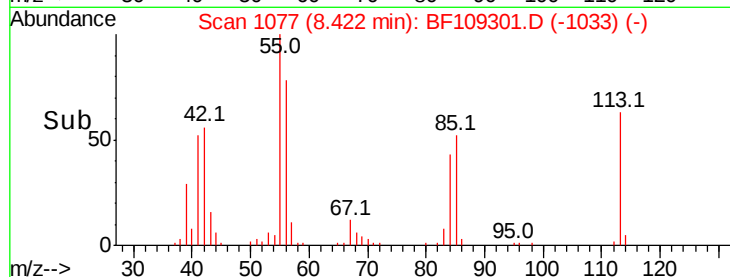
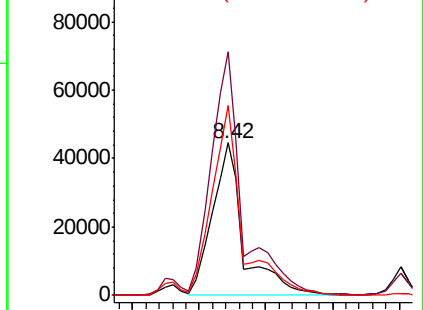
#35
 Caprolactam
 Concen: 35.676 ng
 RT: 8.42 min Scan# 1077
 Delta R.T. -0.04 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 72525
 Ion Ratio Lower Upper
 113 100
 55 160.0 163.3 203.3#
 56 124.7 115.7 155.7

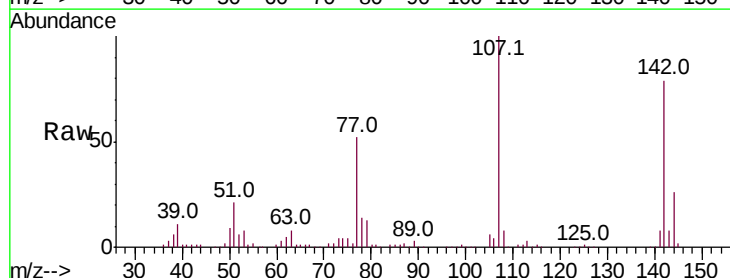


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

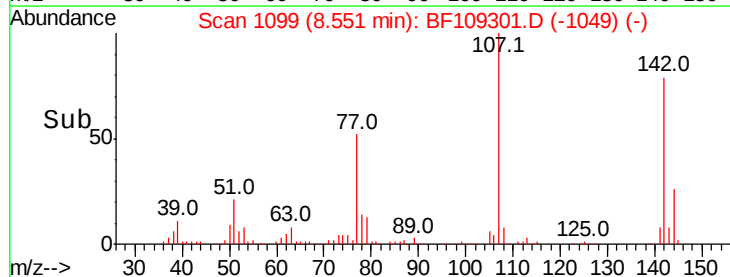
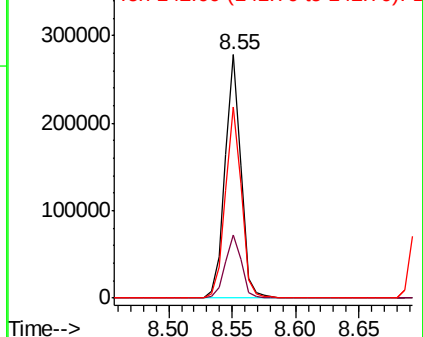


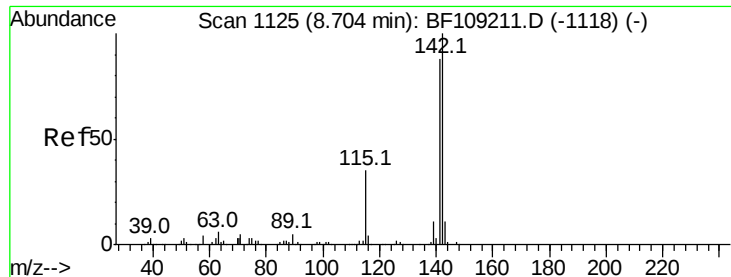
#36
 4-Chloro-3-methylphenol
 Concen: 36.278 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Tgt Ion:107 Resp: 243073
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.5 30.7
 142 78.8 62.0 93.0



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

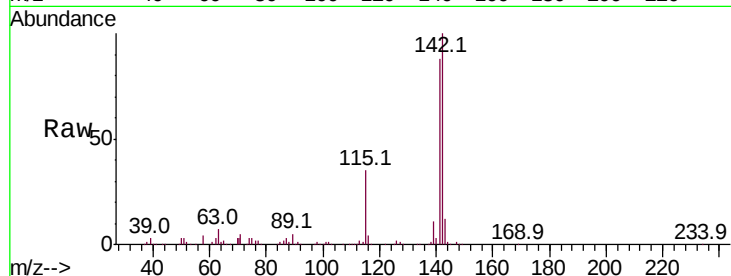




#37
2-Methylnaphthalene
Concen: 39.105 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.8	106.2
115	34.8	26.1	39.1

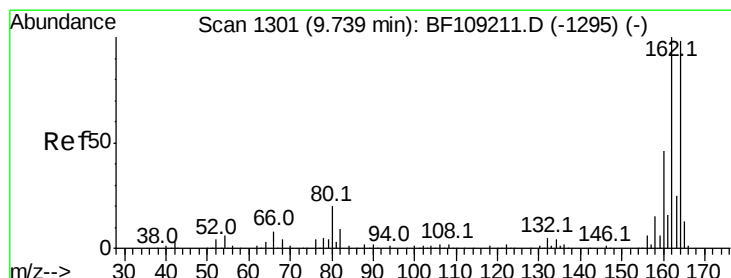
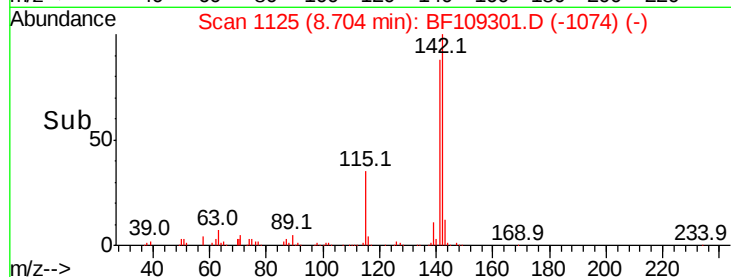
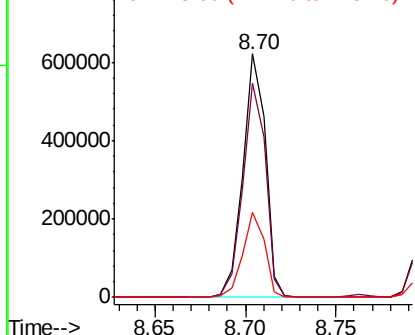


Abundance

Ion 142.00 (141.70 to 142.70): E

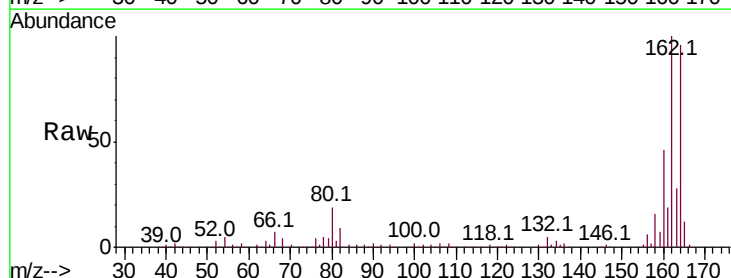
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	47.8	38.3	57.5

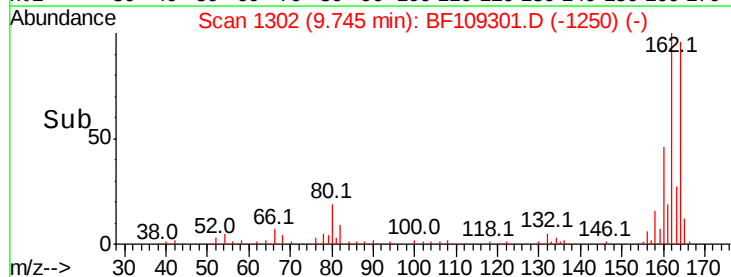
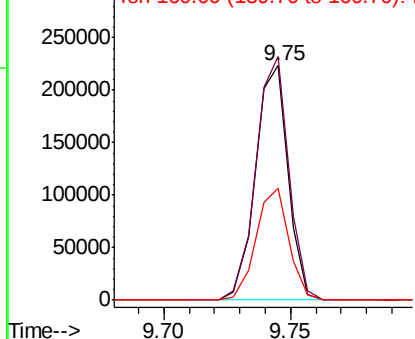


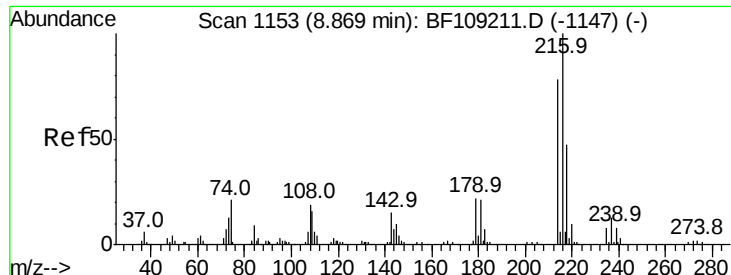
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

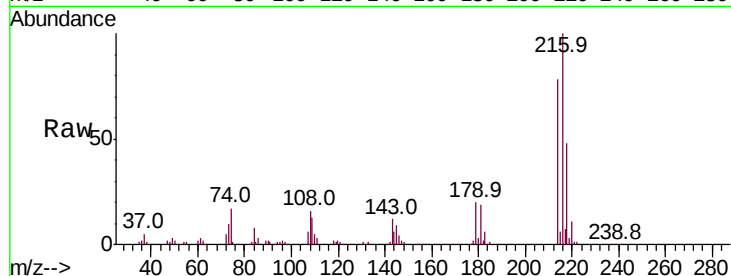




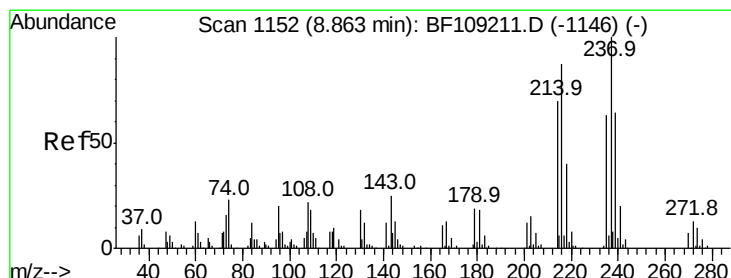
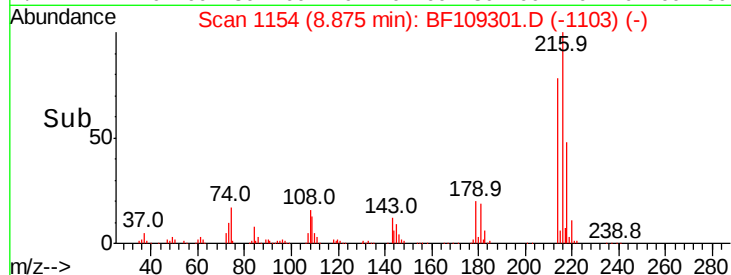
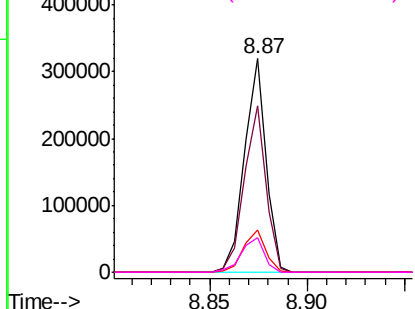
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.619 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	246446
Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.0	94.4
179	20.2	18.1	27.1
108	17.6	17.2	25.8

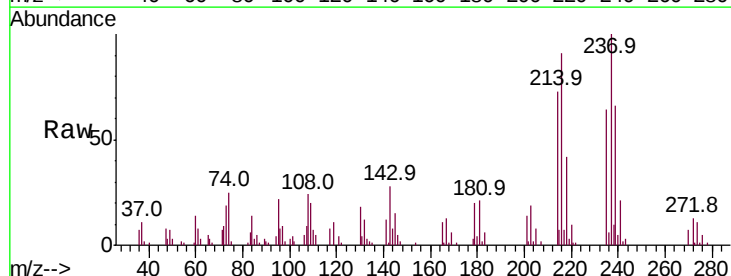


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

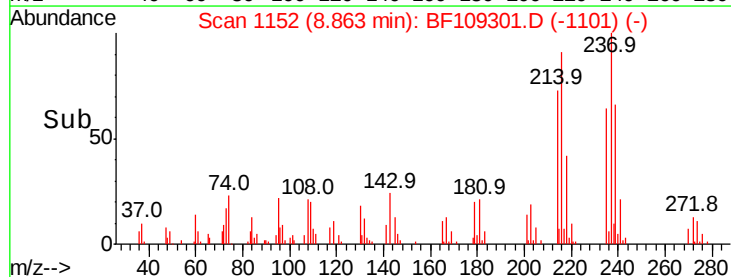
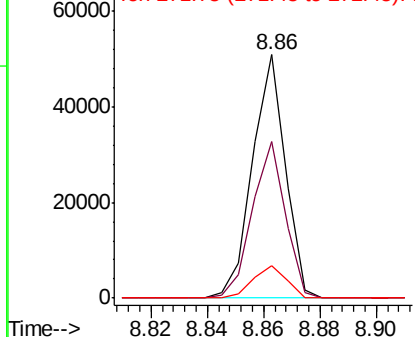


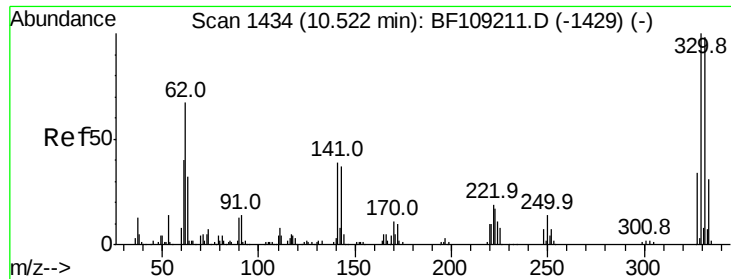
#40
 Hexachlorocyclopentadiene
 Concen: 14.776 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Tgt Ion:	237	Resp:	41127
Ion	Ratio	Lower	Upper
237	100		
235	64.3	44.8	84.8
272	13.4	0.0	33.3



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

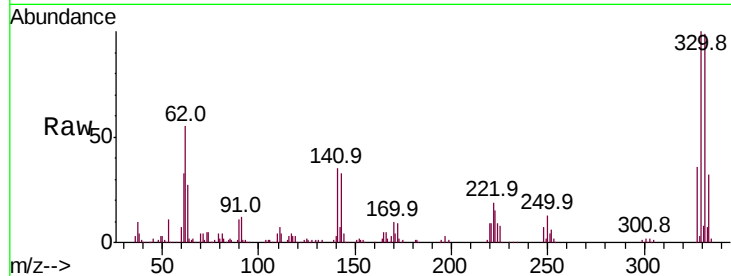




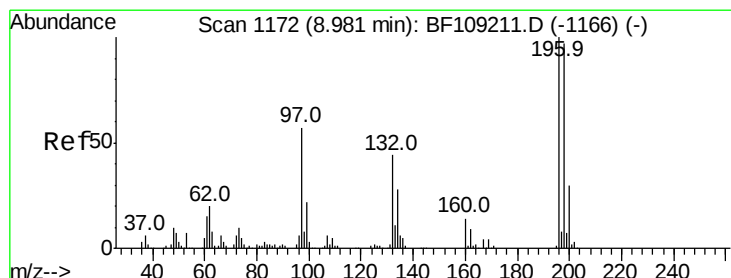
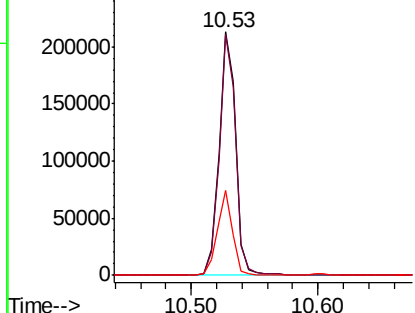
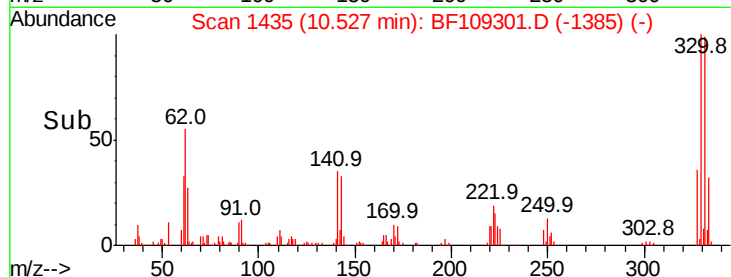
#41
 2,4,6-Tribromophenol
 Concen: 99.398 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	32.5	29.9	44.9

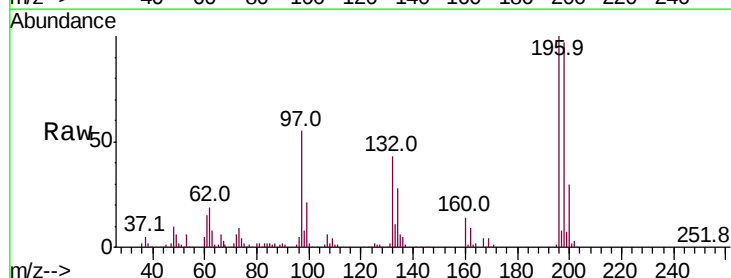


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

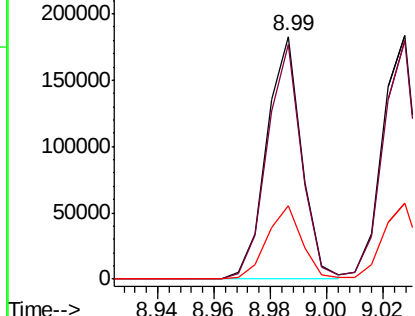
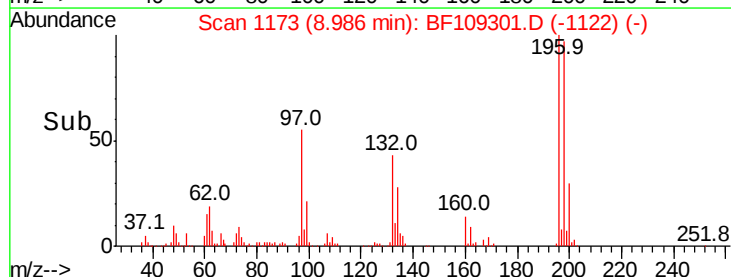


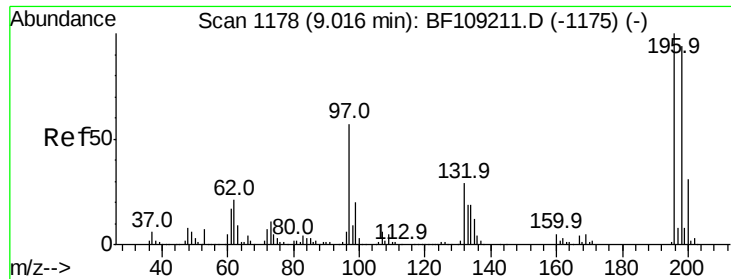
#42
 2,4,6-Trichlorophenol
 Concen: 38.215 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.7	75.7	113.5
200	30.4	24.5	36.7



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

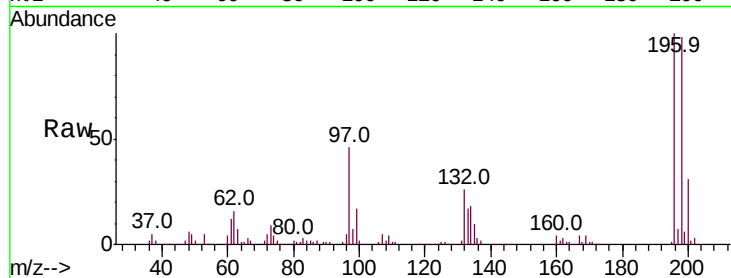




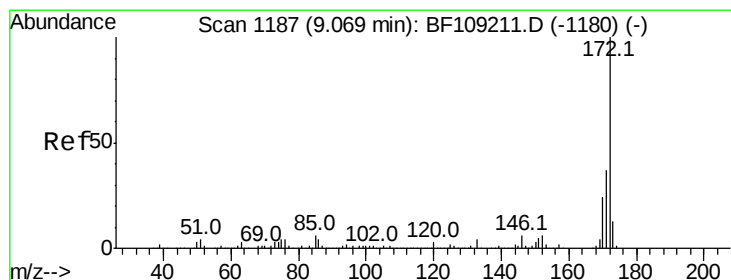
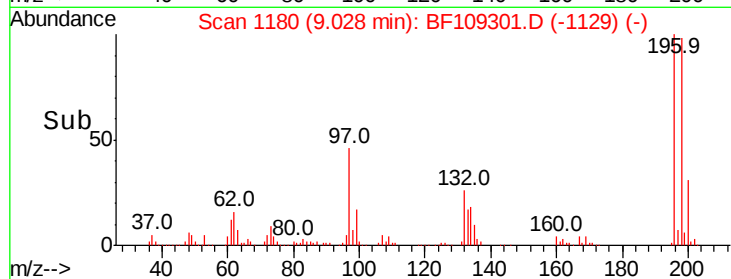
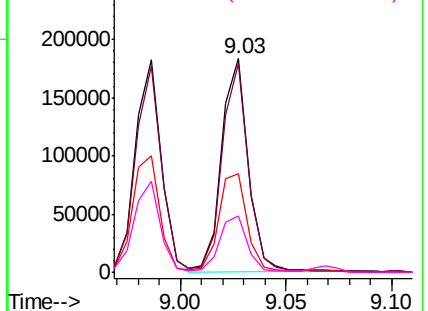
#43
 2,4,5-Trichlorophenol
 Concen: 37.029 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 160174
 Ion Ratio Lower Upper
 196 100
 198 97.9 74.6 112.0
 97 46.4 42.9 64.3
 132 26.5 26.3 39.5

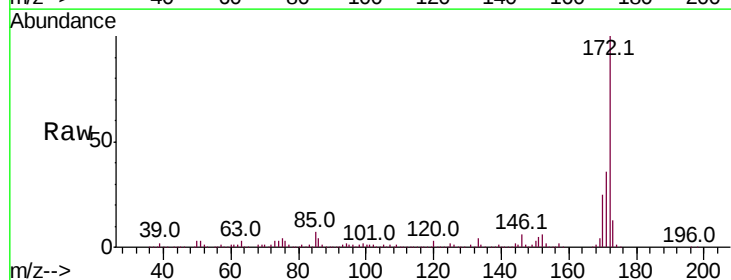


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

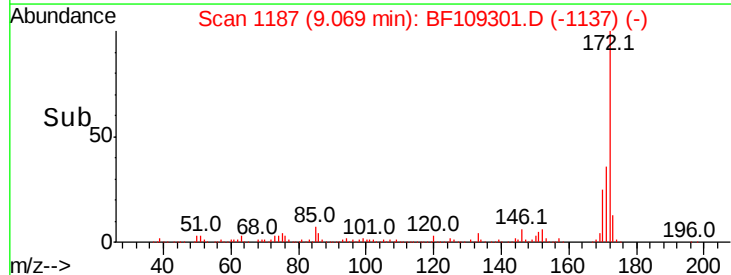
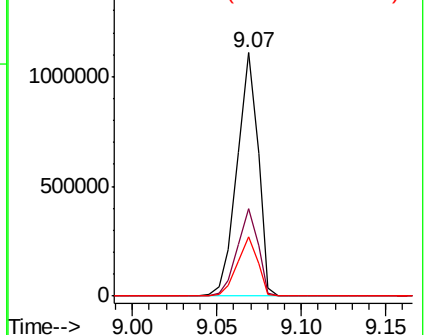


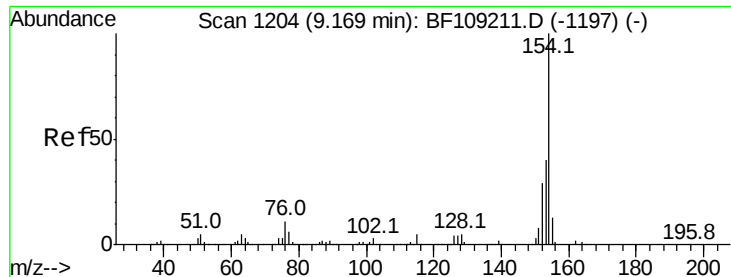
#44
 2-Fluorobiphenyl
 Concen: 72.030 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Tgt Ion:172 Resp: 957639
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.5 19.6 29.4



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

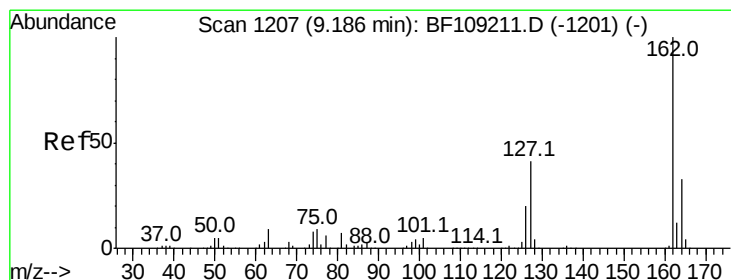
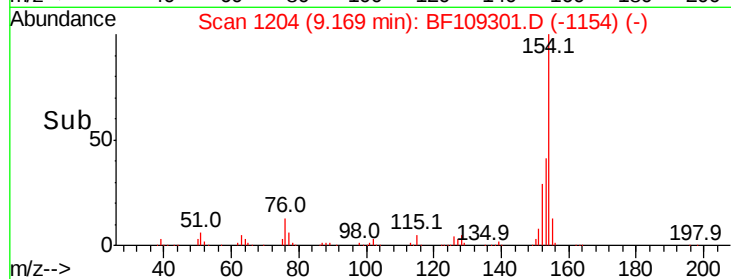
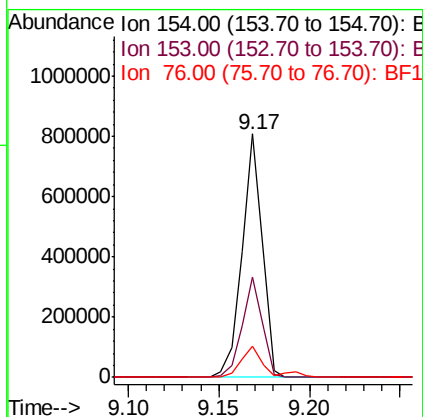
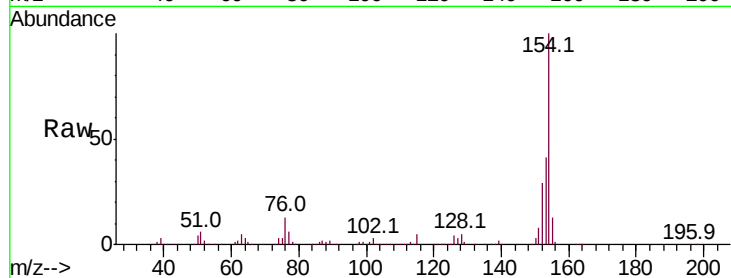




#45
 1,1'-Biphenyl
 Concen: 38.062 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

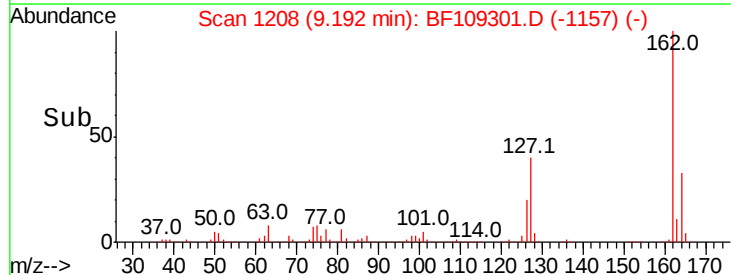
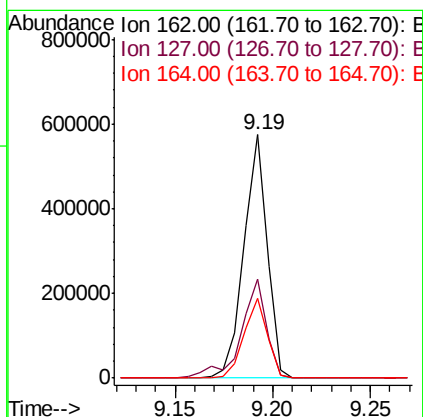
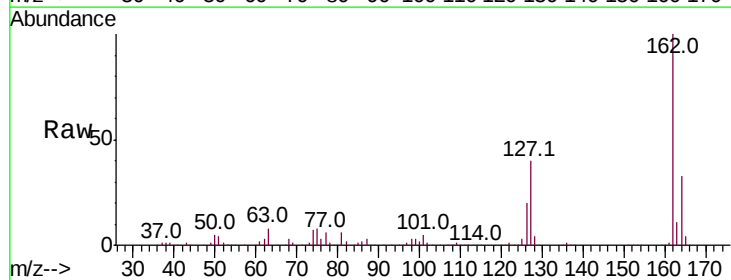
Instrument :
 BNA_F
 ClientSampled :

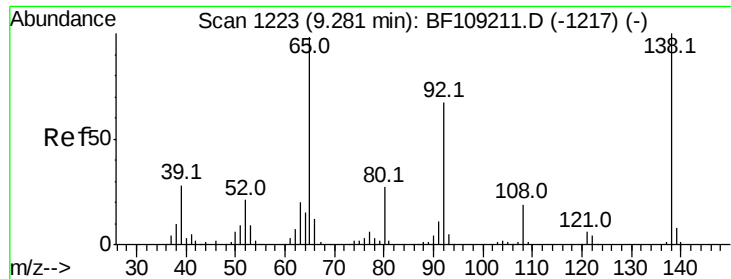
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.3	61.3
76	12.5	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 36.455 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.4	33.9	50.9
164	32.9	26.5	39.7

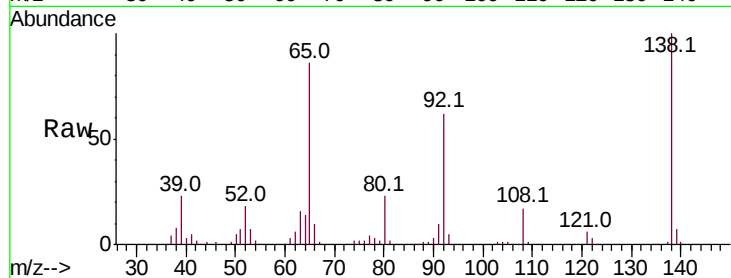




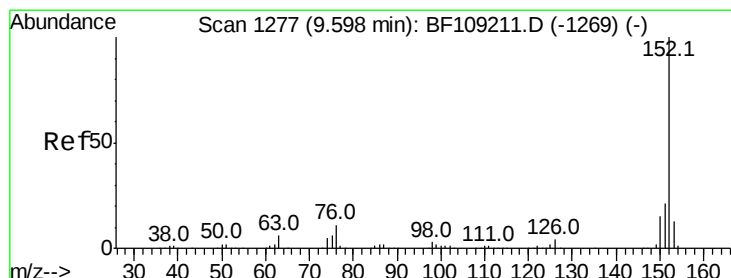
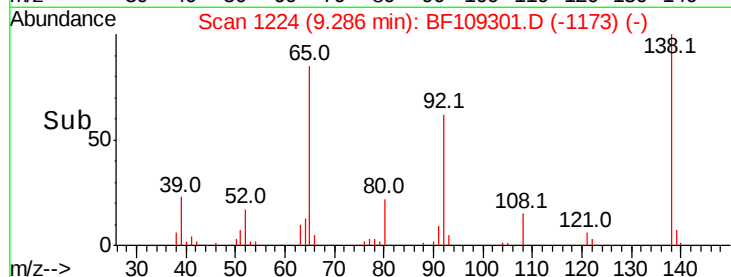
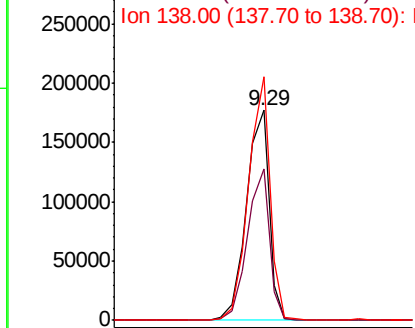
#47
 2-Nitroaniline
 Concen: 41.722 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 65 Resp: 154386
 Ion Ratio Lower Upper
 65 100
 92 72.2 55.8 83.6
 138 116.0 91.2 136.8

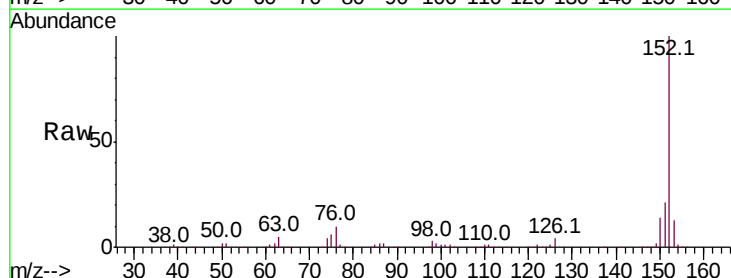


Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

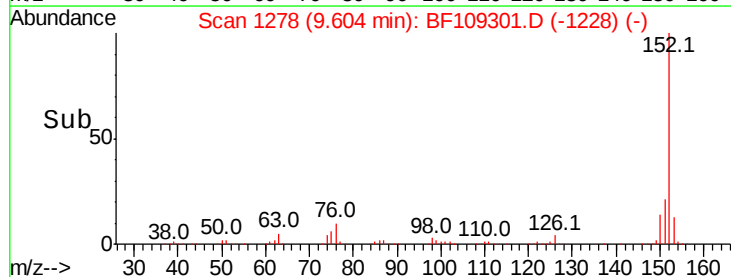
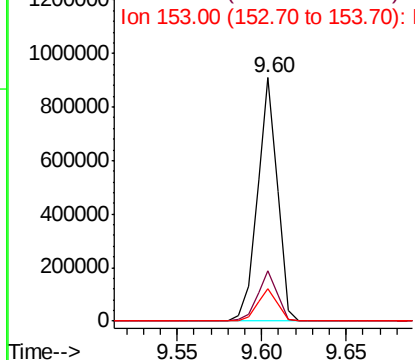


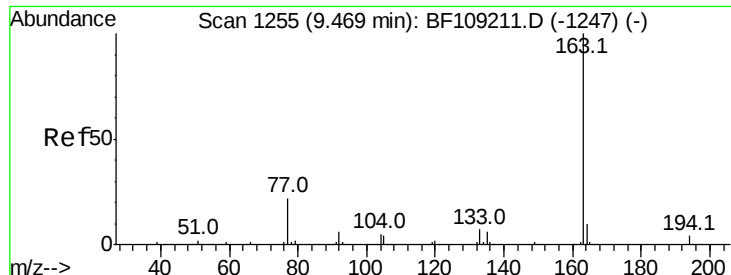
#48
 Acenaphthylene
 Concen: 38.057 ng
 RT: 9.60 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Tgt Ion: 152 Resp: 749310
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.3 24.5
 153 13.1 10.7 16.1



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

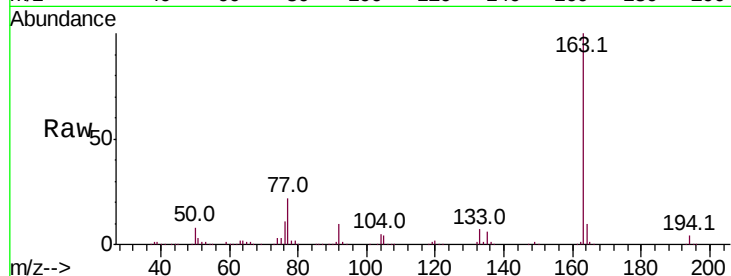




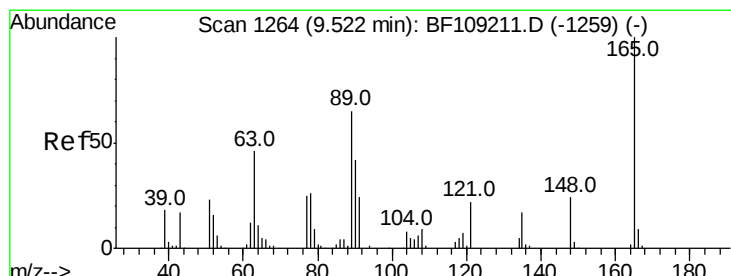
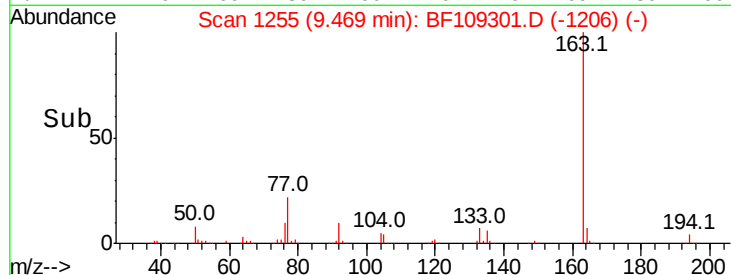
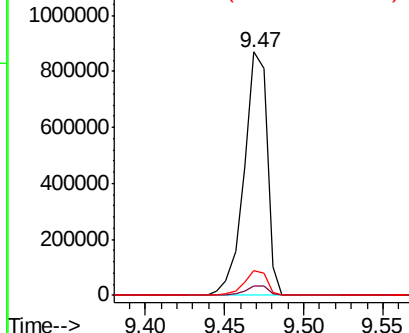
#49
Dimethylphthalate
Concen: 59.872 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.4	8.2	12.2

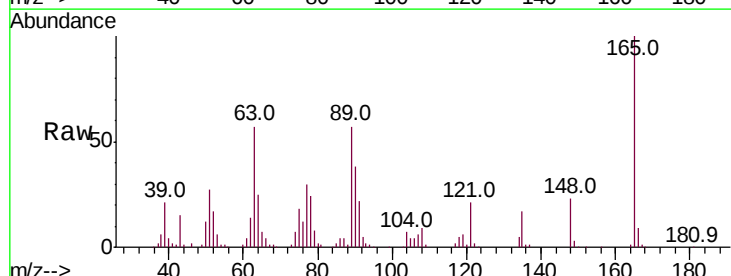


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

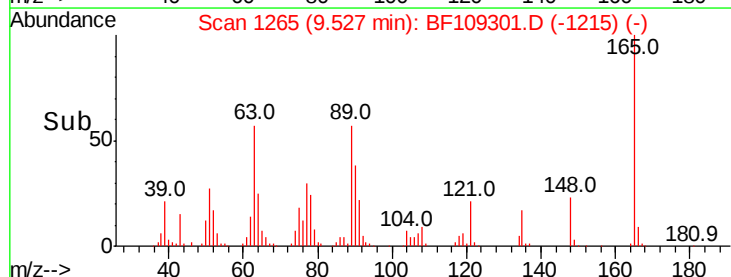
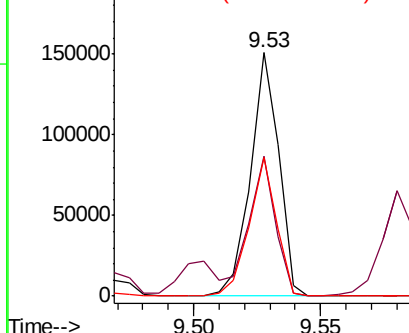


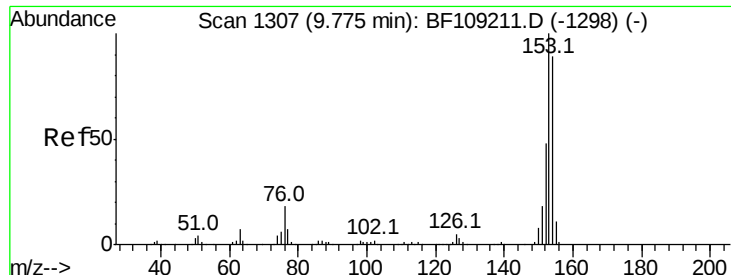
#50
2,6-Dinitrotoluene
Concen: 40.678 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Tgt Ion	Ratio	Lower	Upper
165	100		
63	57.2	44.7	67.1
89	57.2	44.0	66.0



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





#51

Acenaphthene

Concen: 35.900 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

Instrument :

BNA_F

ClientSampleId :

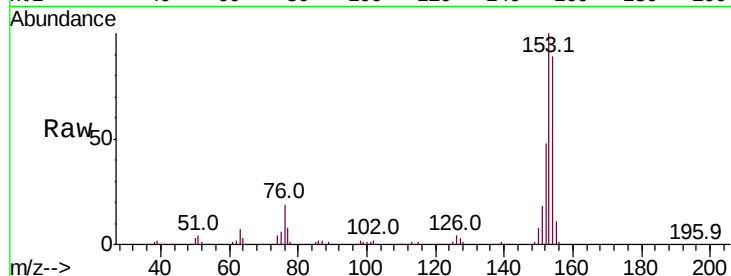
Tot Ion:154 Resp: 427357

Ion Ratio Lower Upper

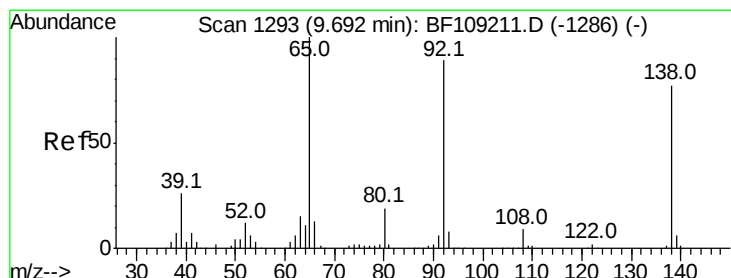
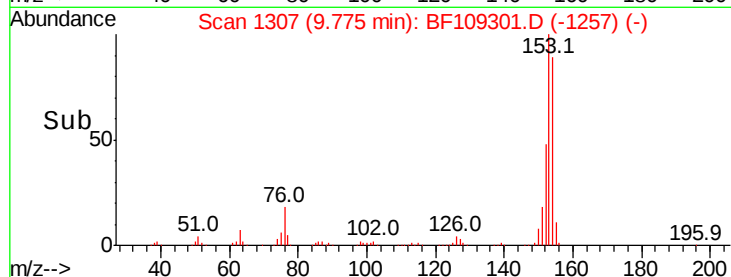
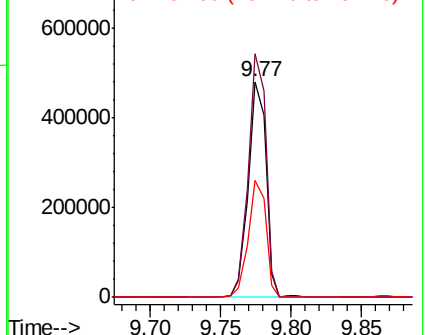
154 100

153 112.7 91.2 136.8

152 53.9 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 37.651 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

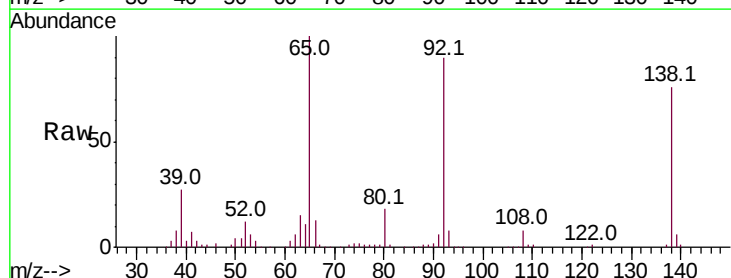
Tgt Ion:138 Resp: 125942

Ion Ratio Lower Upper

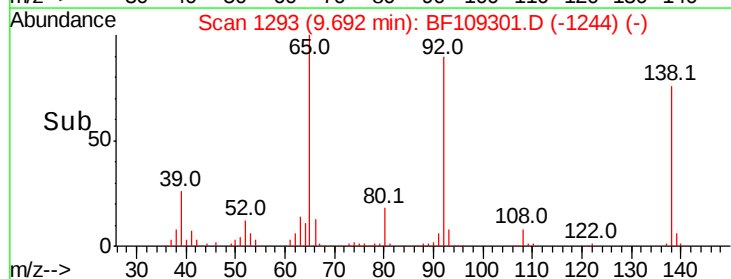
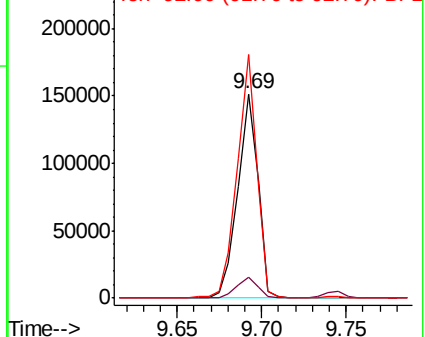
138 100

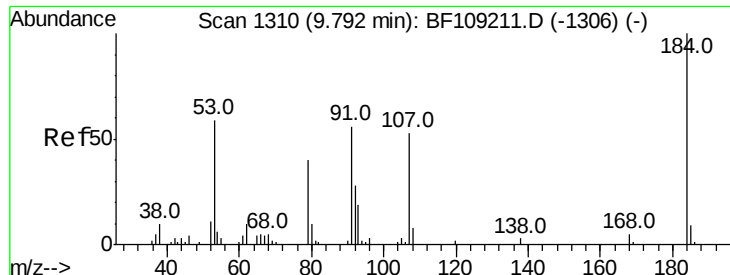
108 10.5 9.4 14.0

92 119.3 89.4 134.2



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

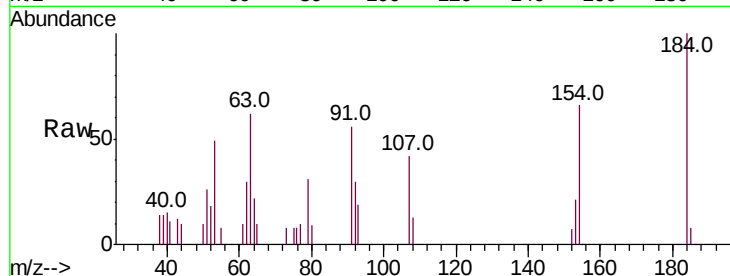




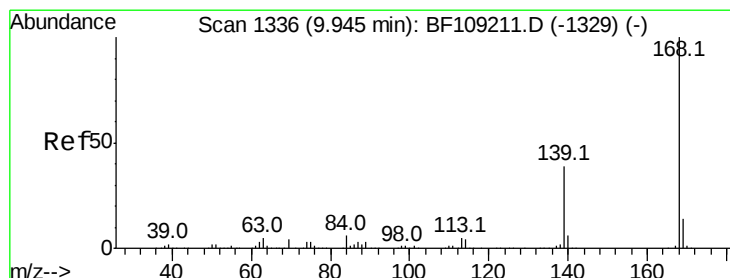
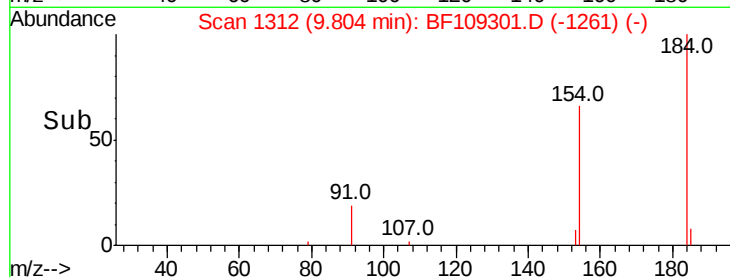
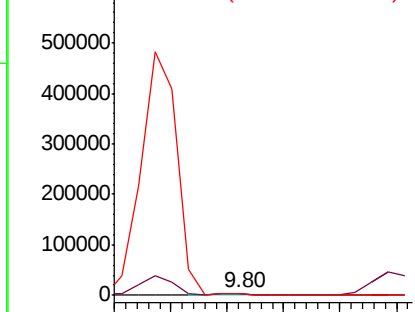
#53
 2,4-Dinitrophenol
 Concen: 11.827 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 3811
 Ion Ratio Lower Upper
 184 100
 63 62.3 54.2 81.2
 154 65.6 184.0 276.0#

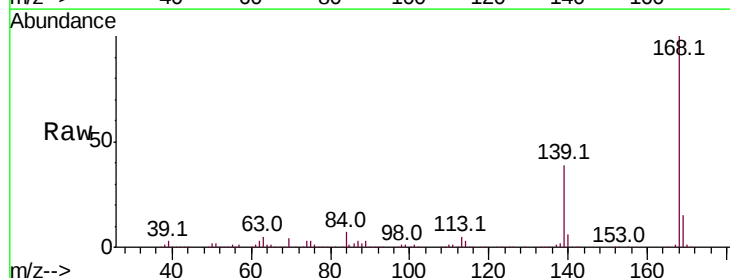


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

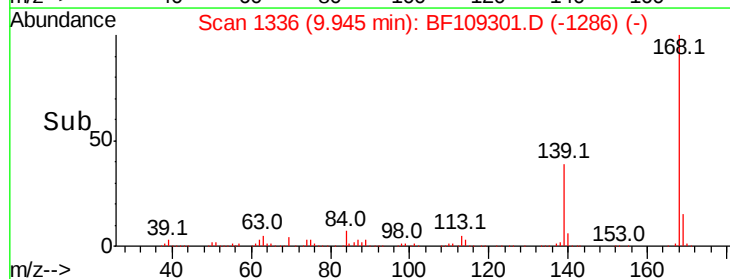
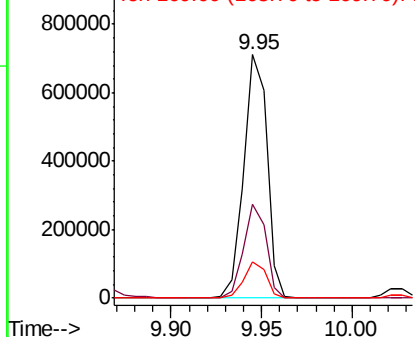


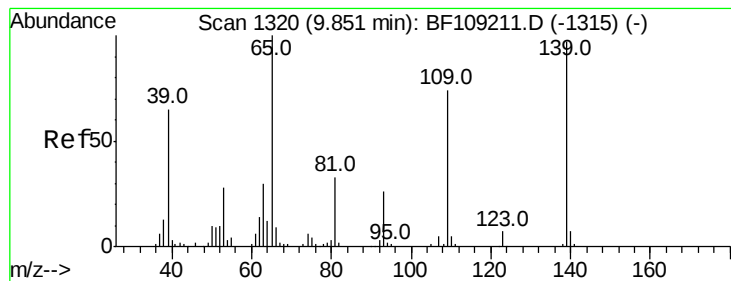
#54
 Dibenzofuran
 Concen: 35.875 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Tgt Ion:168 Resp: 635114
 Ion Ratio Lower Upper
 168 100
 139 38.7 30.1 45.1
 169 14.7 10.9 16.3



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





#55

4-Nitrophenol

Concen: 64.902 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

Instrument :

BNA_F

ClientSampleId :

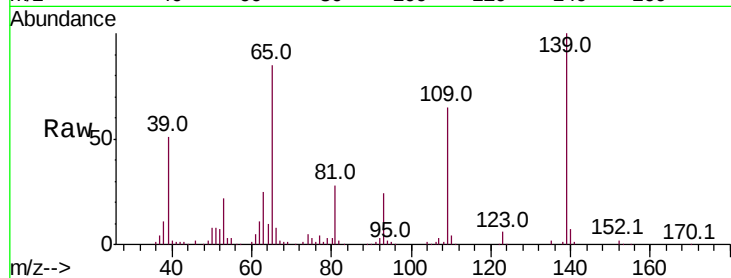
Tot Ion:139 Resp: 163542

Ion Ratio Lower Upper

139 100

109 65.5 48.4 88.4

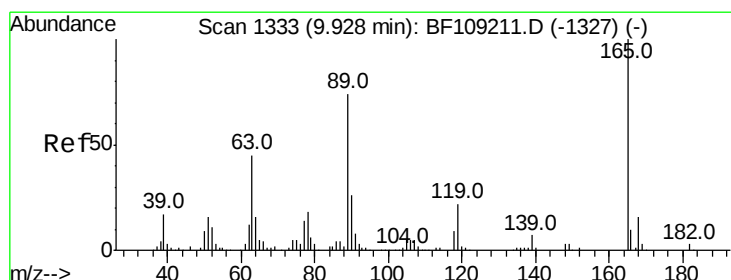
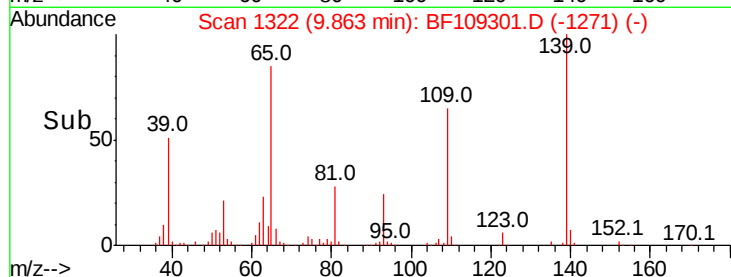
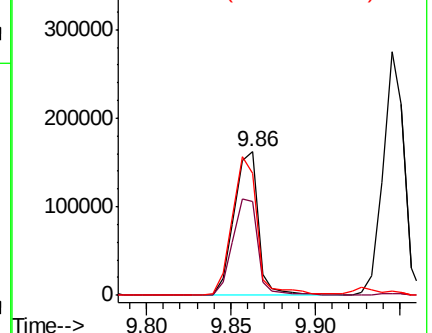
65 85.1 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 38.371 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

Tgt Ion:165 Resp: 140235

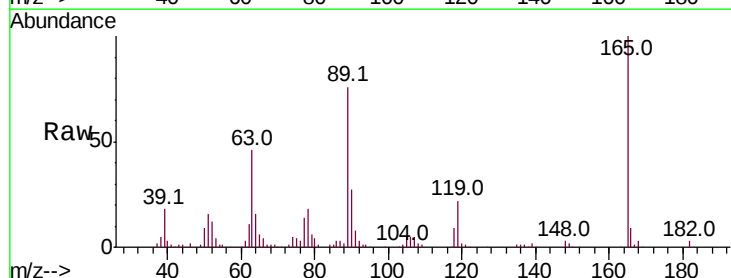
Ion Ratio Lower Upper

165 100

63 46.1 36.4 54.6

89 76.3 57.8 86.6

182 2.8 1.6 2.4#

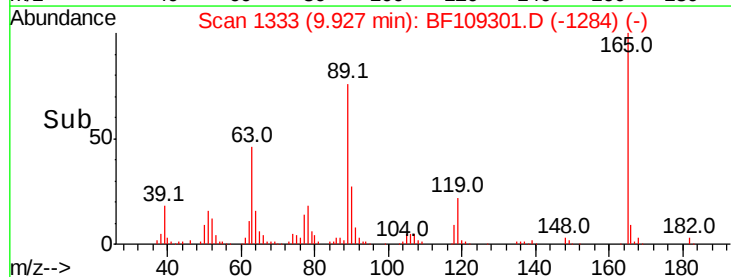
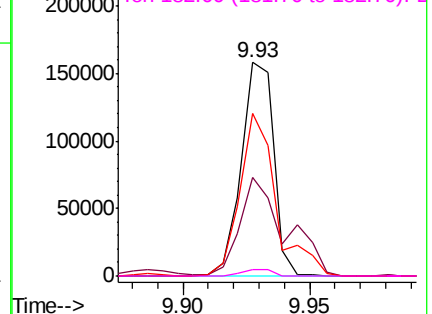


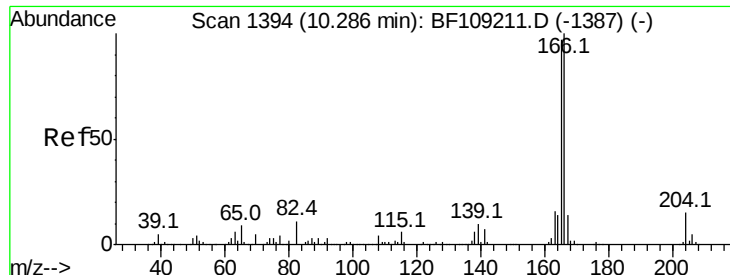
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

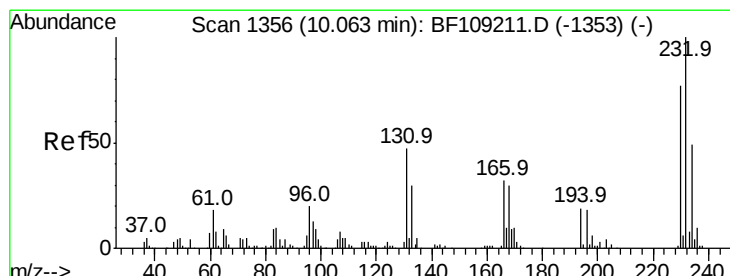
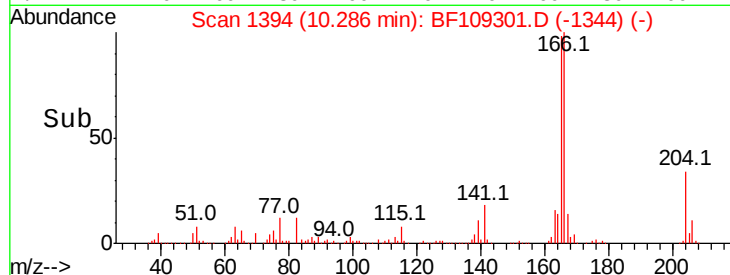
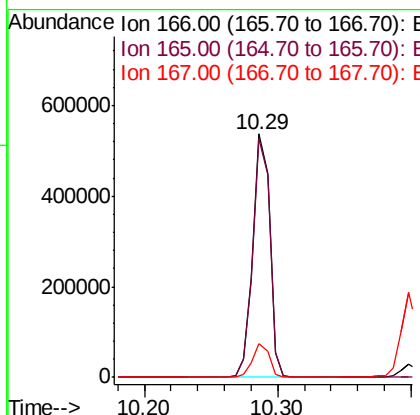
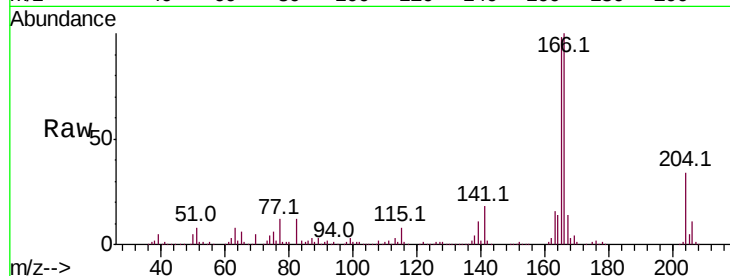




#57
 Fluorene
 Concen: 36.660 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

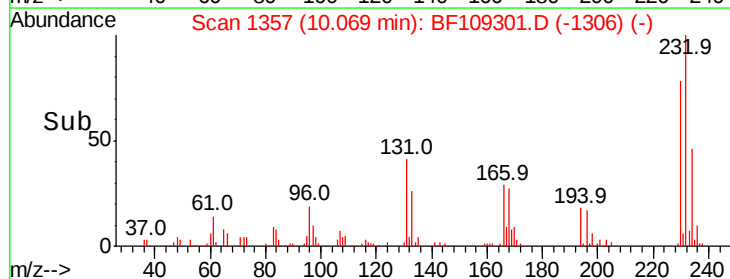
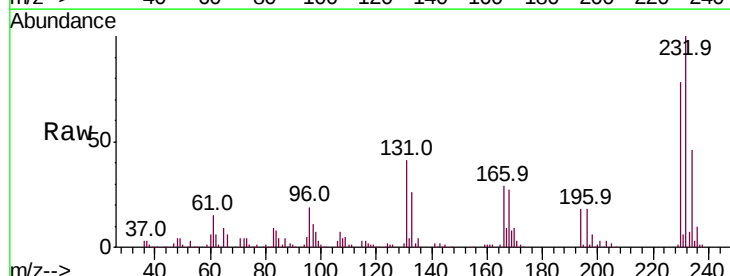
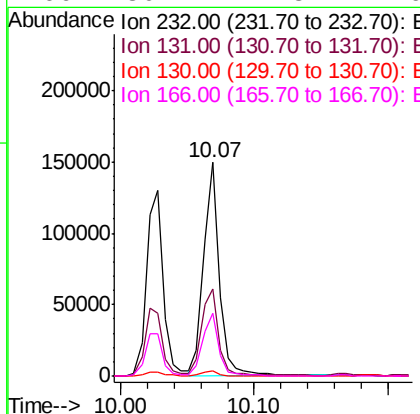
Instrument :
 BNA_F
 ClientSampleId :

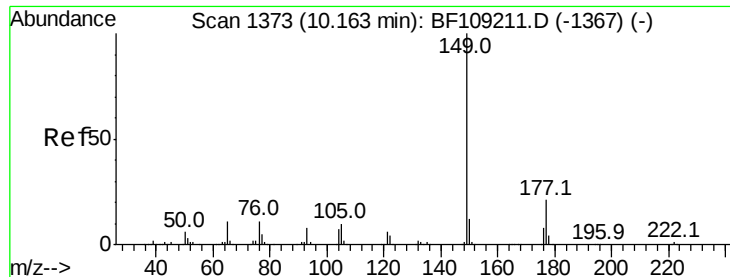
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.8	119.8
167	13.7	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.703 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.4	43.8	65.8#
130	2.1	2.1	3.1
166	30.1	27.8	41.6

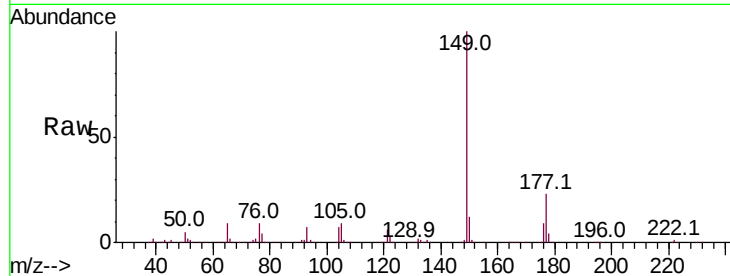




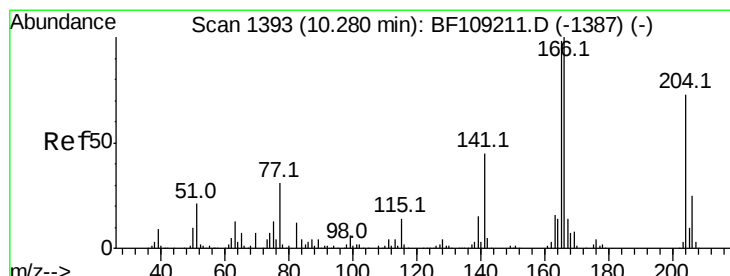
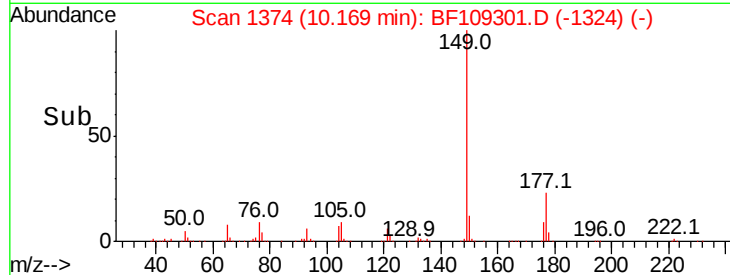
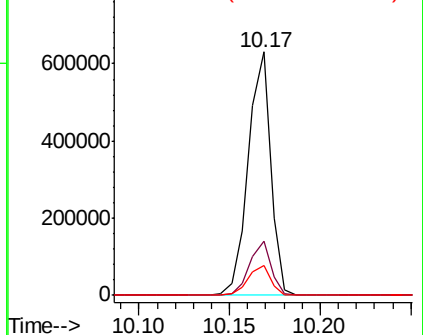
#59
Diethylphthalate
Concen: 36.823 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.5	16.1	24.1
150	12.0	10.1	15.1

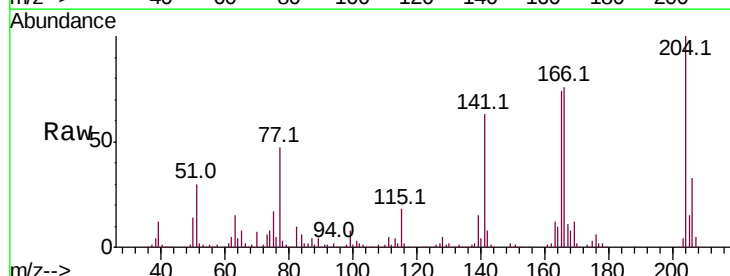


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

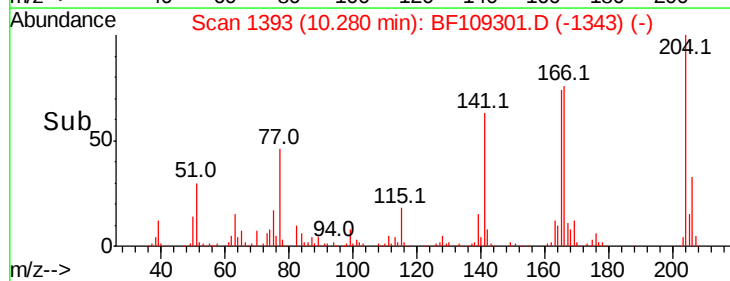
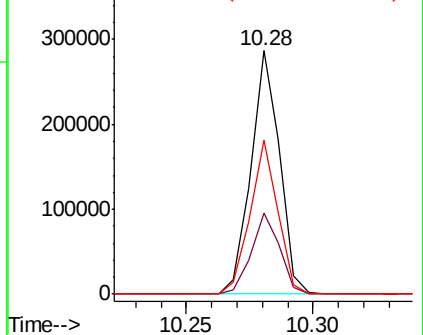


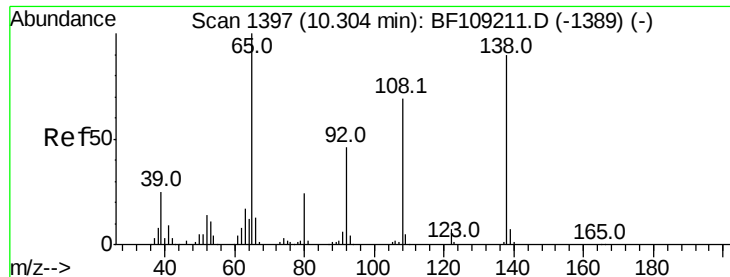
#60
4-Chlorophenyl-phenylether
Concen: 33.958 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	63.1	54.6	81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

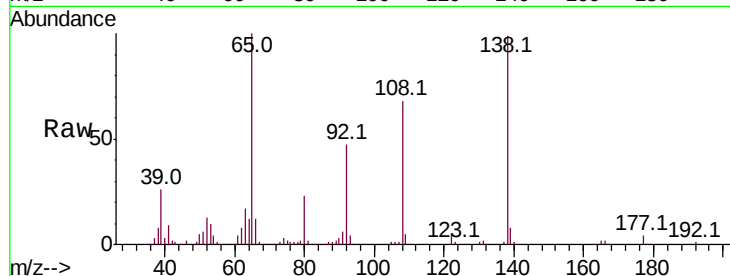




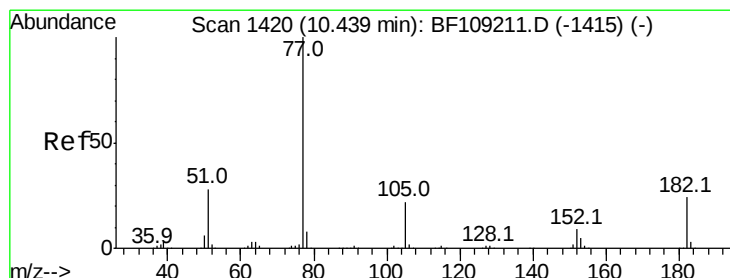
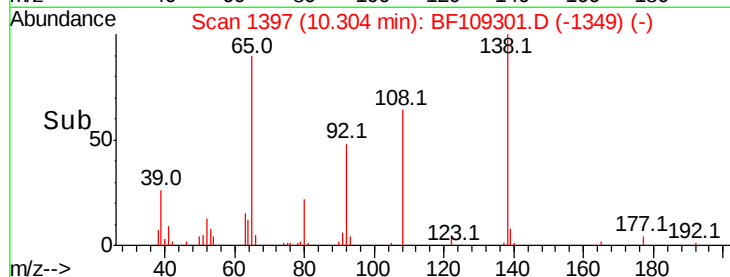
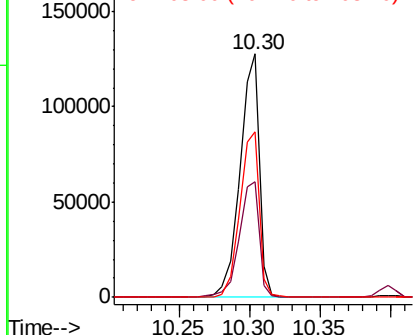
#61
4-Nitroaniline
Concen: 37.198 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.02 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 121347
Ion Ratio Lower Upper
138 100
92 47.7 30.2 70.2
108 68.1 52.5 92.5

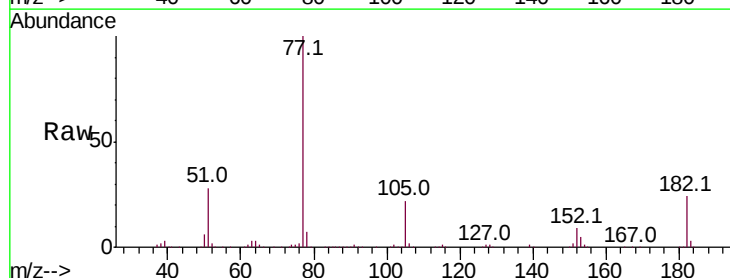


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

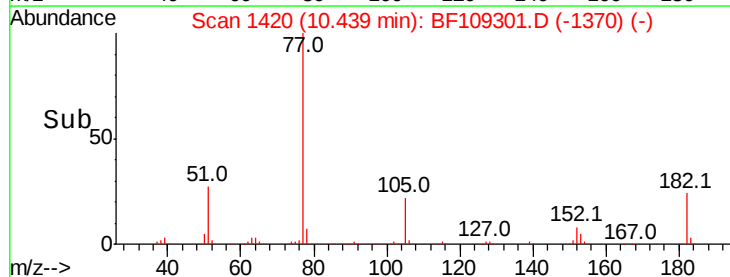
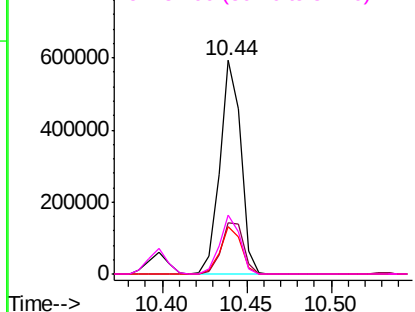


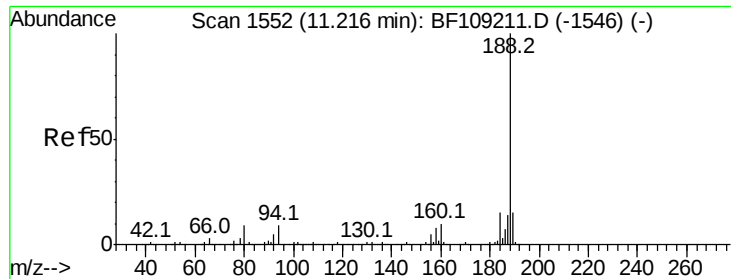
#62
Azobenzene
Concen: 33.345 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Tgt Ion: 77 Resp: 511643
Ion Ratio Lower Upper
77 100
182 24.2 1.7 41.7
105 22.0 3.0 43.0
51 27.5 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

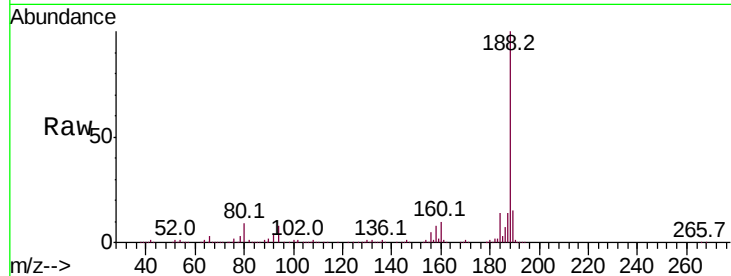




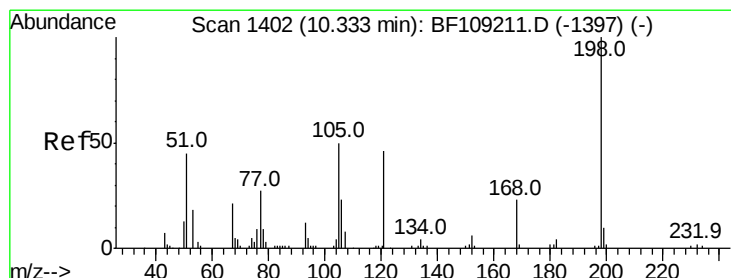
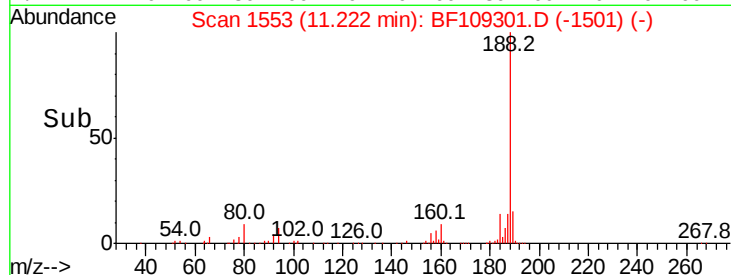
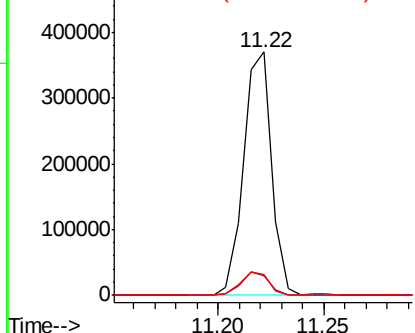
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. 0.01 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 339375
 Ion Ratio Lower Upper
 188 100
 94 8.2 8.5 12.7#
 80 8.7 9.2 13.8#

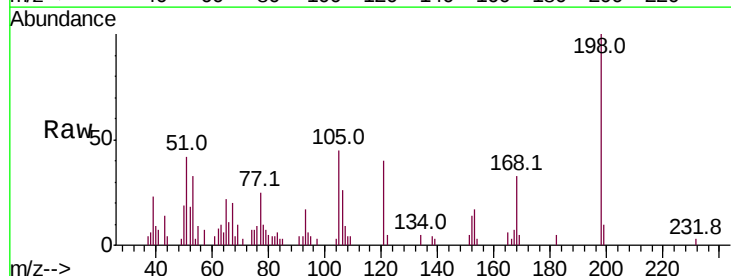


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

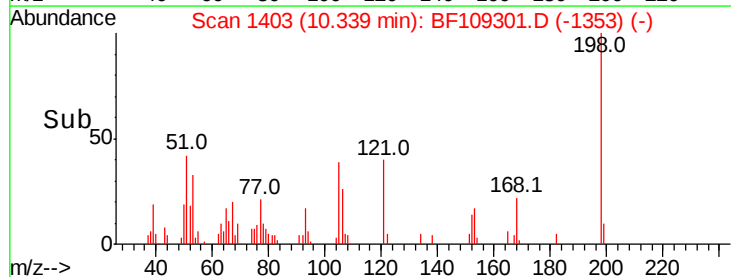
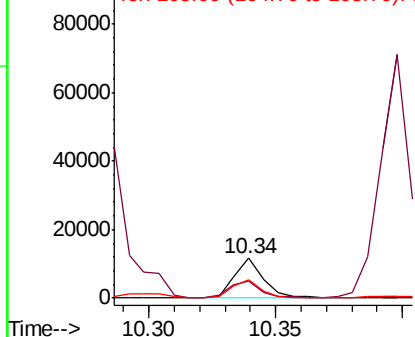


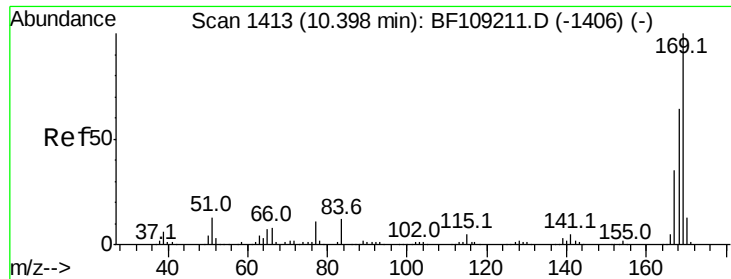
#64
 4,6-Dinitro-2-methylphenol
 Concen: 12.356 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Tgt Ion:198 Resp: 9174
 Ion Ratio Lower Upper
 198 100
 51 41.5 37.7 77.7
 105 44.6 36.3 76.3



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

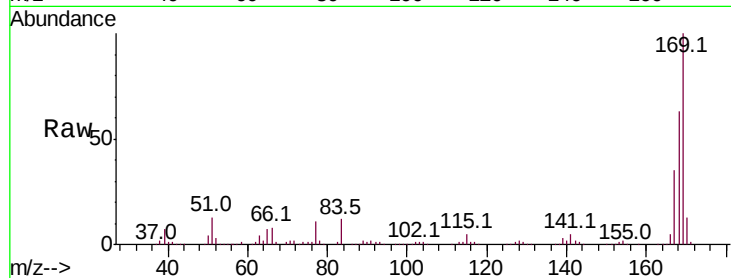




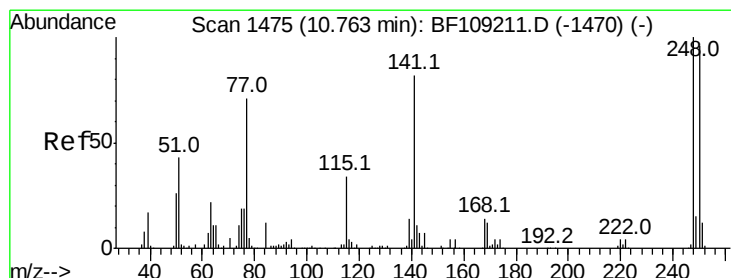
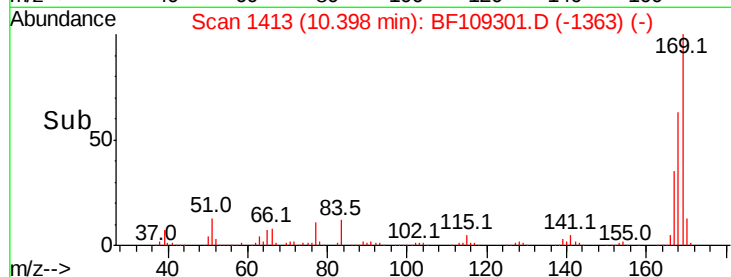
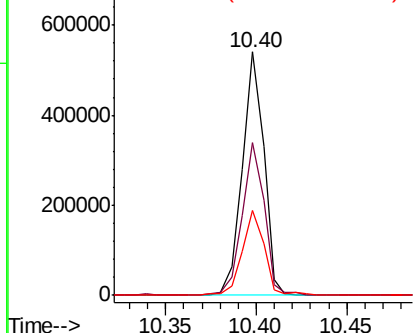
#65
 n-Nitrosodiphenylamine
 Concen: 39.824 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 446542
 Ion Ratio Lower Upper
 169 100
 168 62.8 54.4 81.6
 167 34.8 29.8 44.6

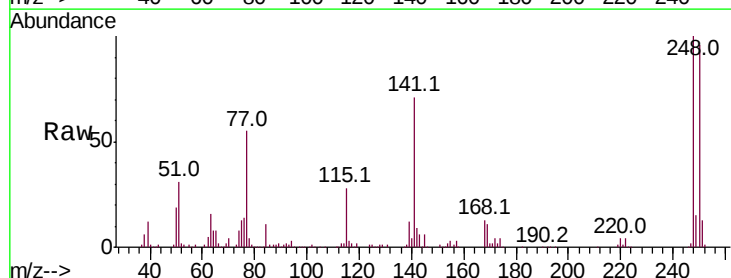


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

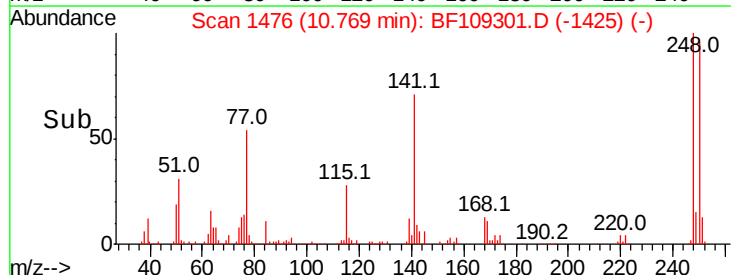
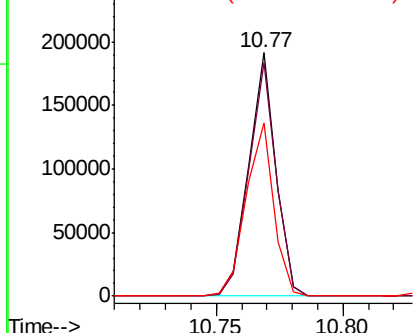


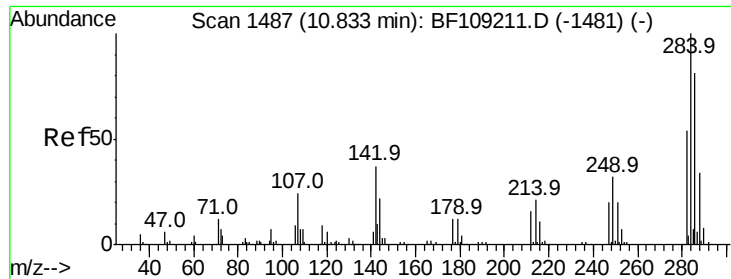
#66
 4-Bromophenyl-phenylether
 Concen: 37.958 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. 0.00 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Tgt Ion:248 Resp: 143050
 Ion Ratio Lower Upper
 248 100
 250 95.9 76.9 115.3
 141 71.4 74.4 111.6#



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





#67

Hexachlorobenzene

Concen: 36.906 ng

RT: 10.84 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

Instrument :

BNA_F

ClientSampleId :

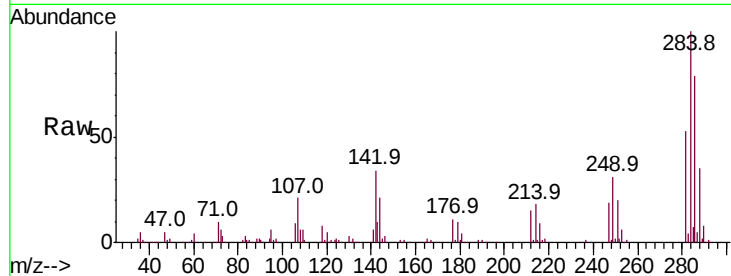
Tot Ion:284 Resp: 147715

Ion Ratio Lower Upper

284 100

142 34.0 34.6 52.0#

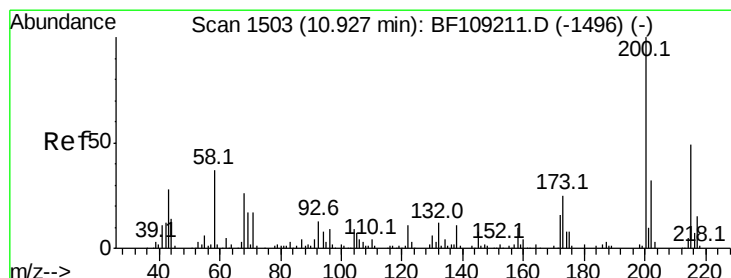
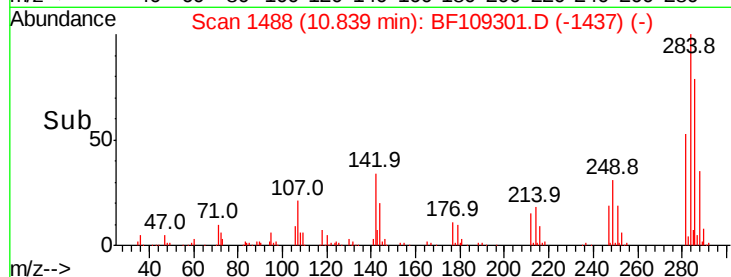
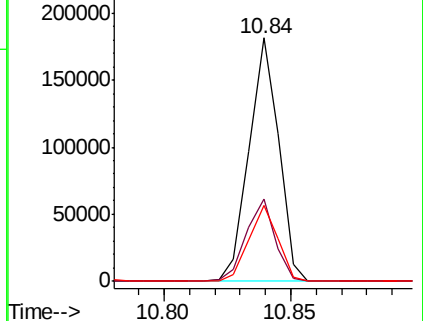
249 31.3 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.237 ng

RT: 10.93 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

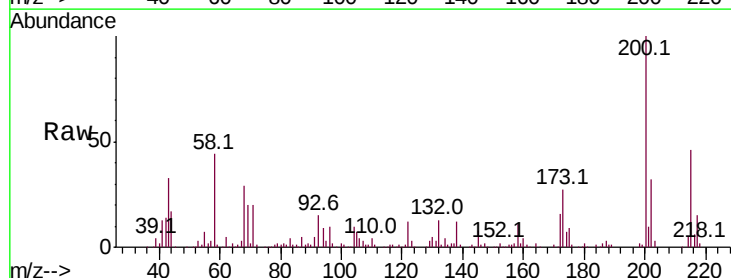
Tgt Ion:200 Resp: 142207

Ion Ratio Lower Upper

200 100

173 27.1 8.6 48.6

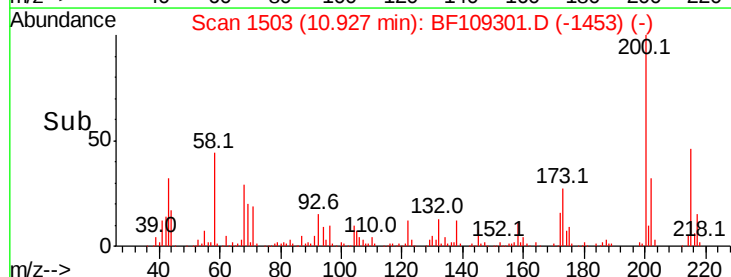
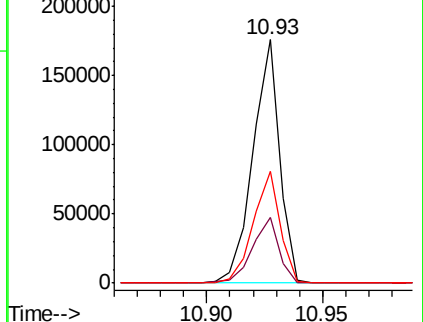
215 45.7 25.1 65.1

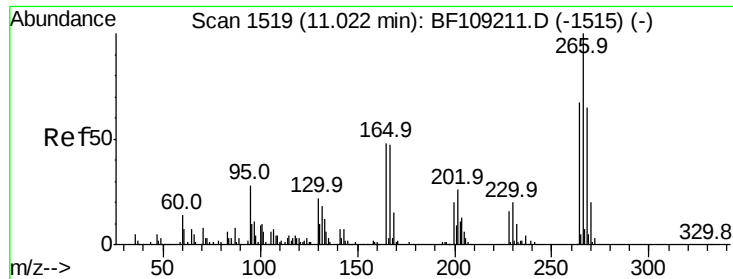


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

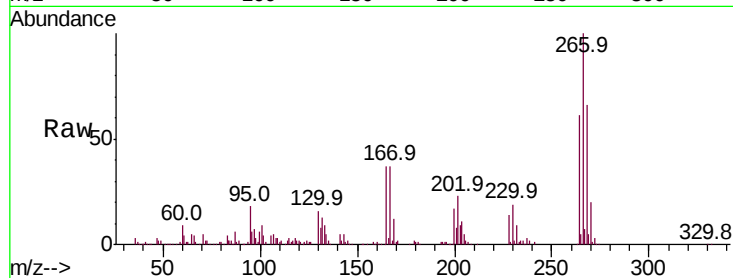




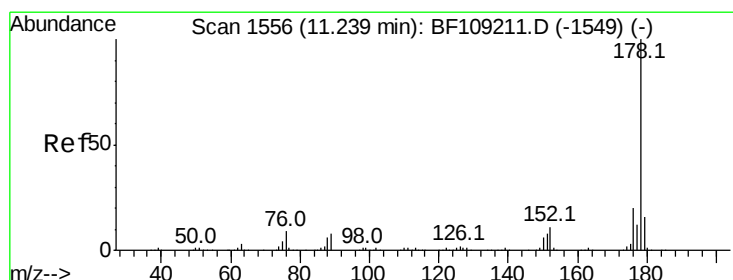
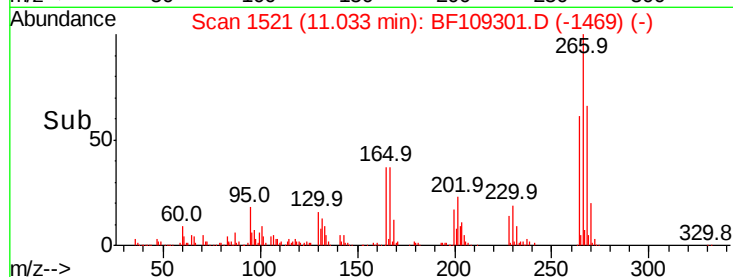
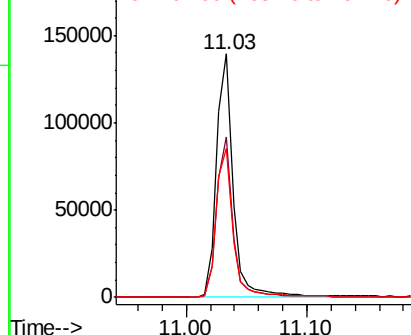
#69
 Pentachlorophenol
 Concen: 55.405 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.01 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.6	51.1	76.7
264	61.0	49.5	74.3

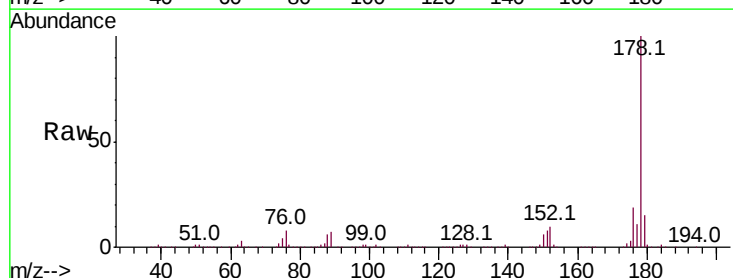


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

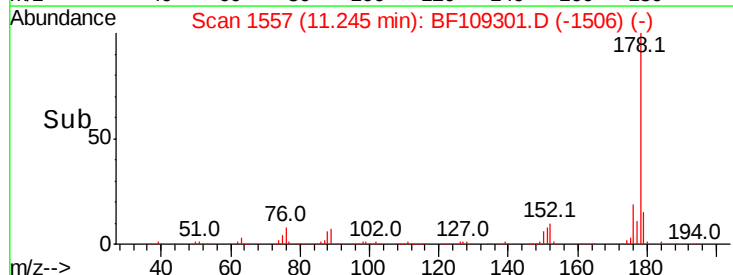
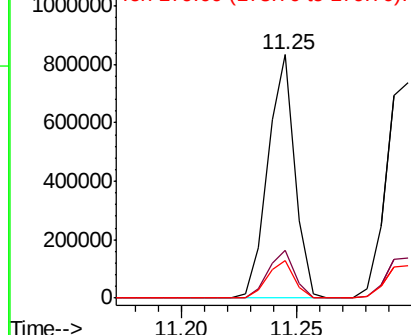


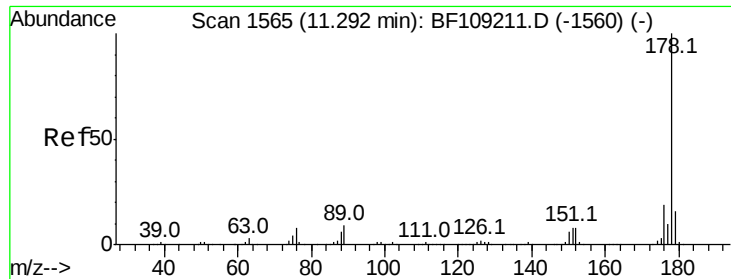
#70
 Phenanthrene
 Concen: 39.920 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.4	13.0	19.6



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

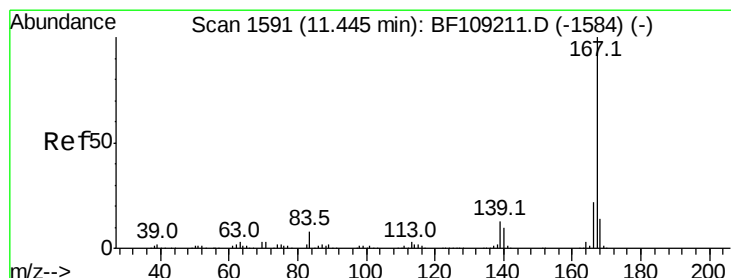
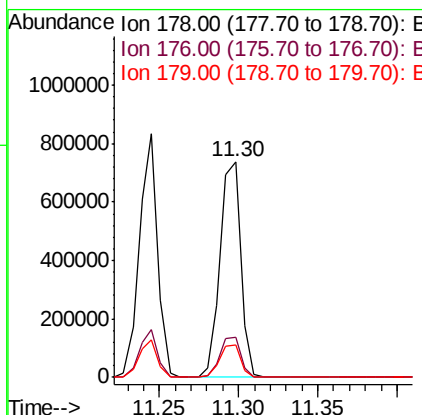
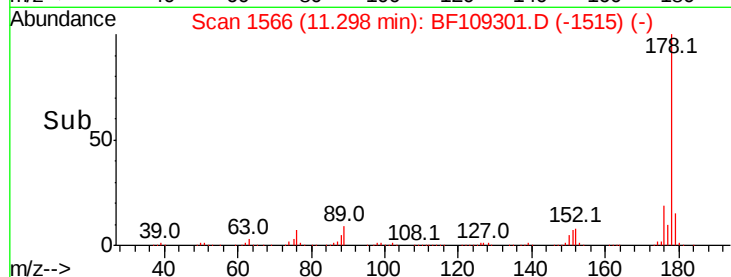
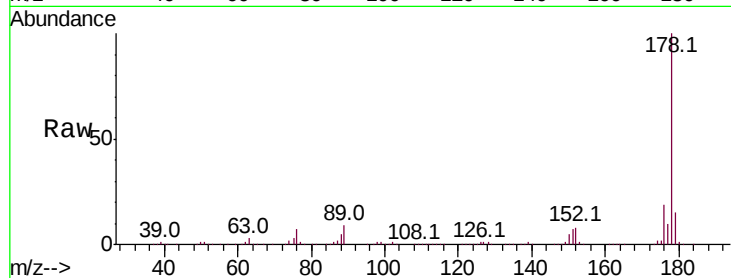




#71
 Anthracene
 Concen: 39.194 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

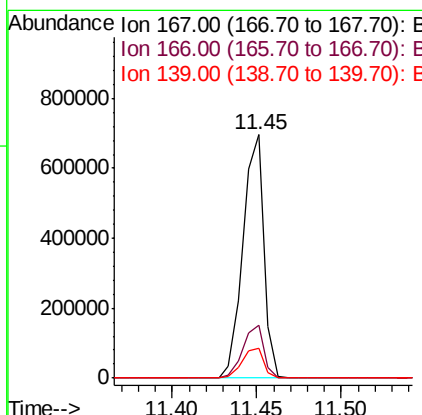
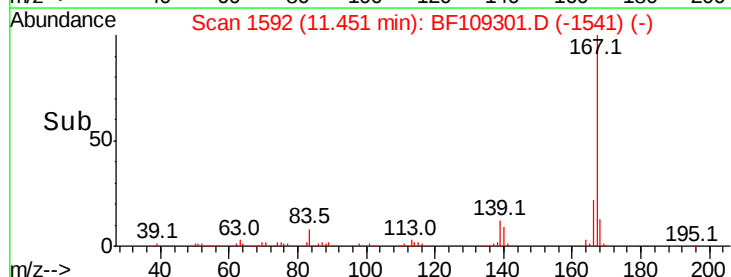
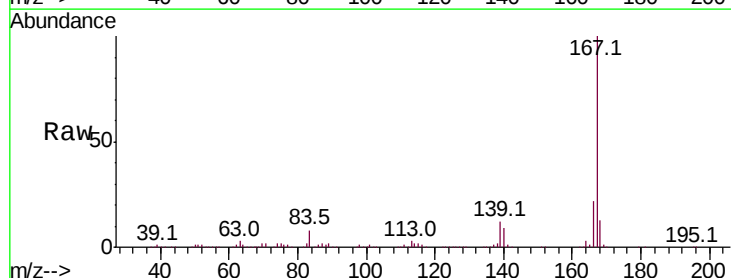
Instrument :
 BNA_F
 ClientSampleId :

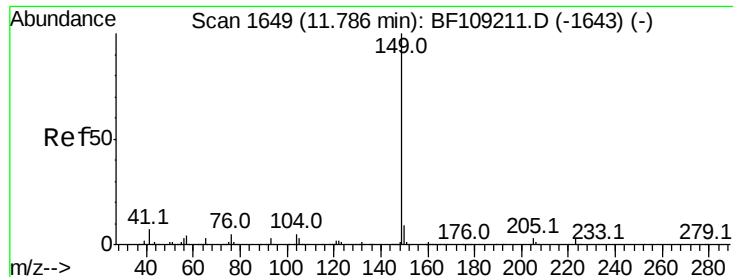
Tot Ion:178 Resp: 673612
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.2
 179 15.1 12.6 19.0



#72
 Carbazole
 Concen: 35.376 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Tgt Ion:167 Resp: 604920
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.6 26.4
 139 12.4 10.9 16.3

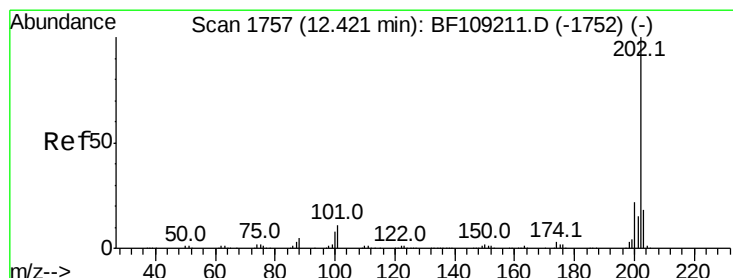
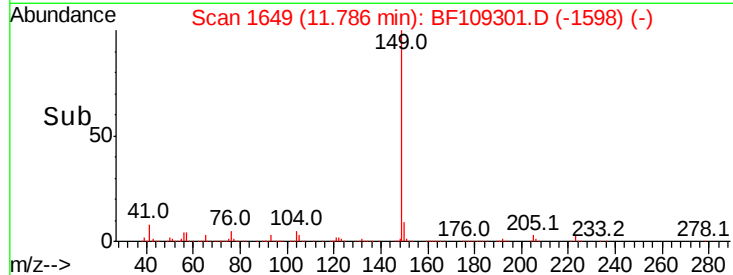
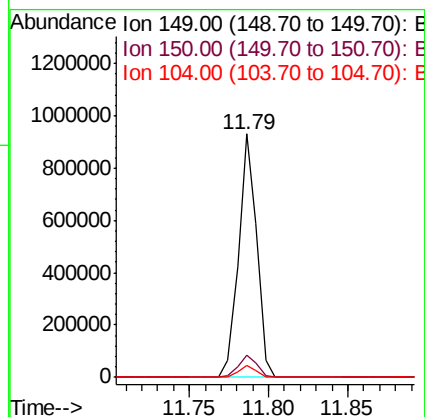
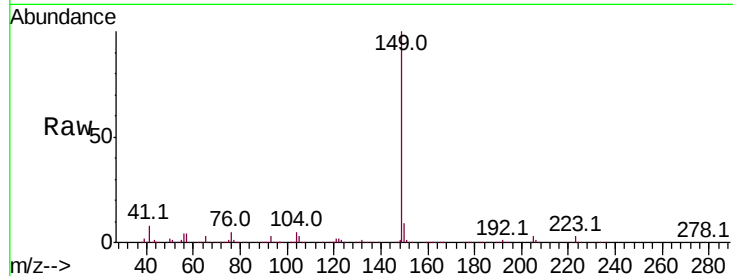




#73
Di-n-butylphthalate
Concen: 37.490 ng
RT: 11.79 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

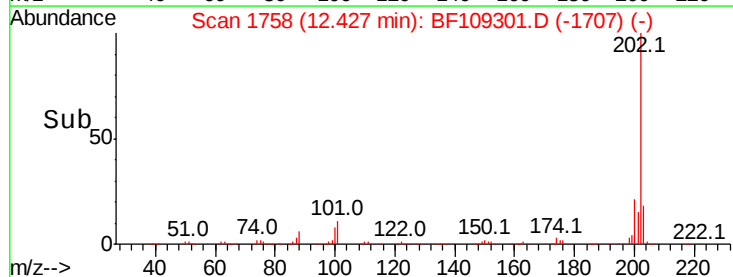
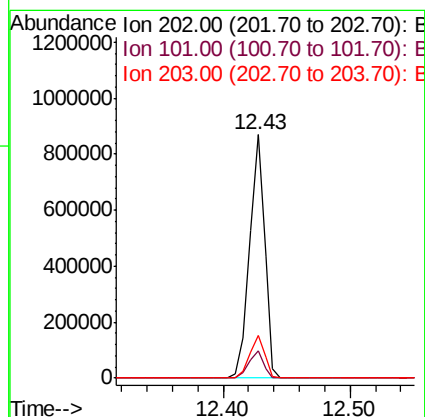
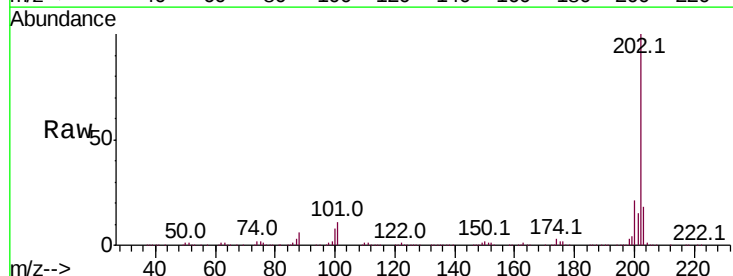
Instrument :
BNA_F
ClientSampleId :

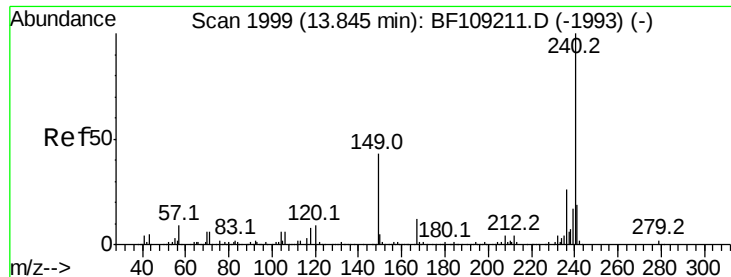
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.6
104	4.9	3.8	5.8



#74
Fluoranthene
Concen: 39.538 ng
RT: 12.43 min Scan# 1758
Delta R.T. 0.00 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	34.1
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.01 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

Instrument :

BNA_F

ClientSampleId :

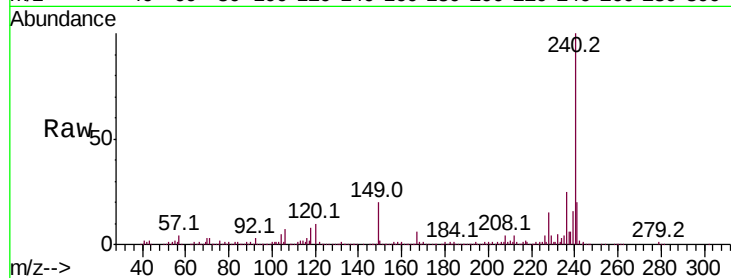
Tot Ion:240 Resp: 250624

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

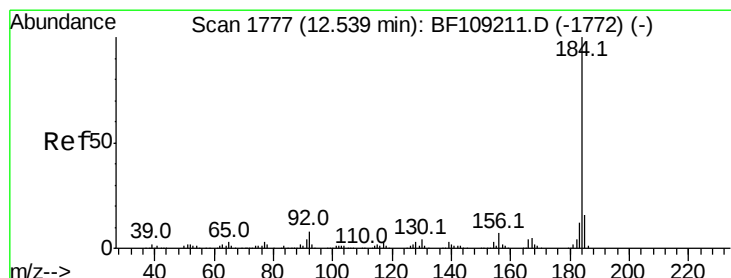
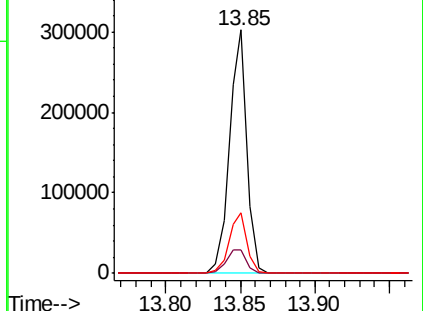
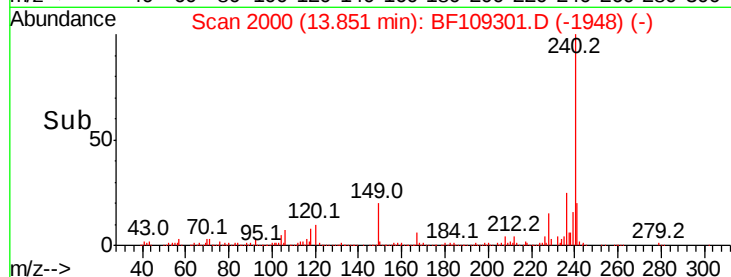
236 25.1 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 49.984 ng

RT: 12.54 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

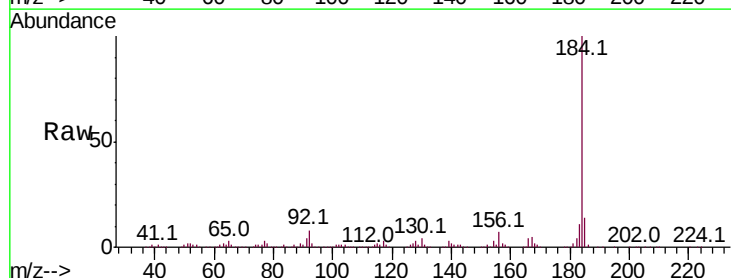
Tgt Ion:184 Resp: 451665

Ion Ratio Lower Upper

184 100

185 14.2 12.6 18.8

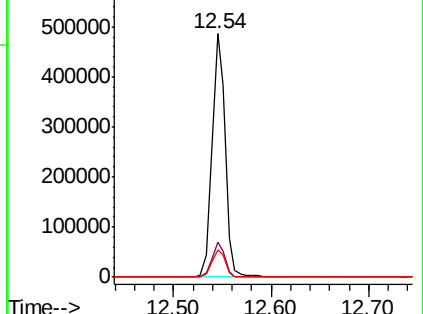
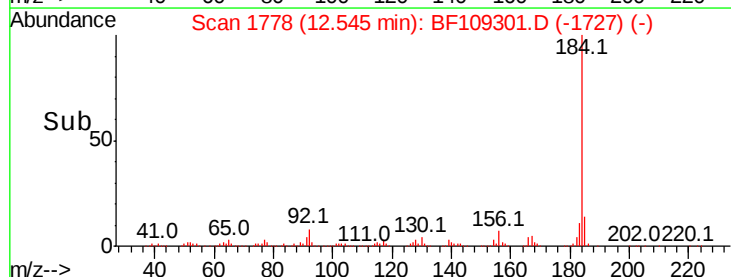
183 11.4 9.3 13.9

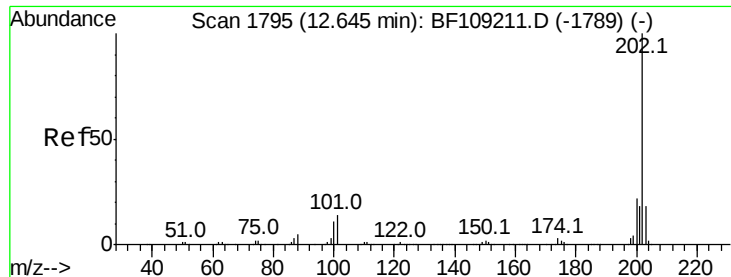


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.882 ng

RT: 12.66 min Scan# 1797

Delta R.T. 0.00 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

Instrument :

BNA_F

ClientSampleId :

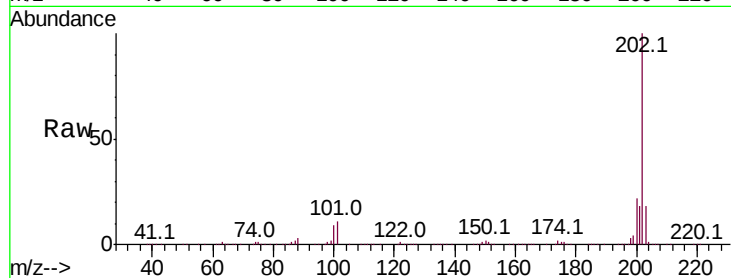
Tot Ion:202 Resp: 716355

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

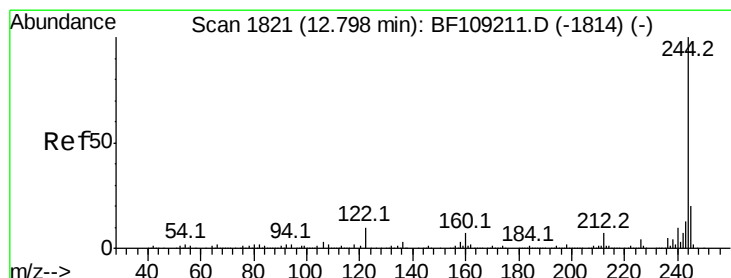
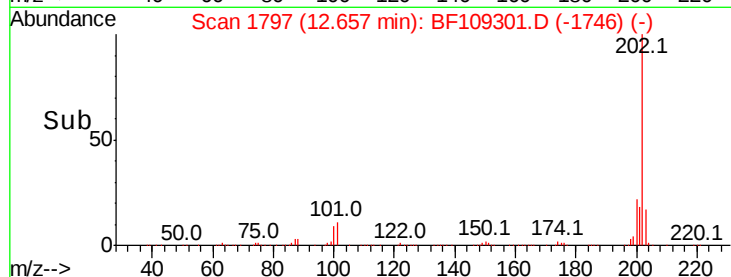
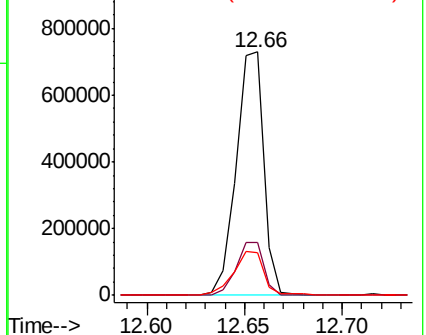
203 17.6 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 81.132 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

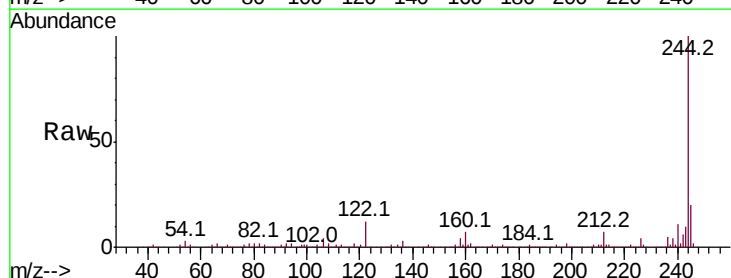
Tgt Ion:244 Resp: 828538

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

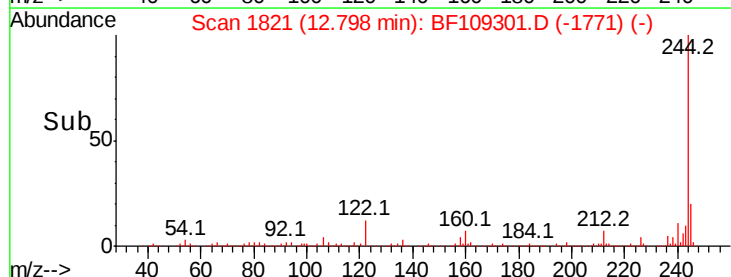
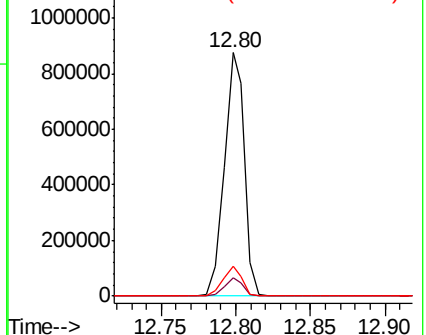
122 12.3 11.0 16.4

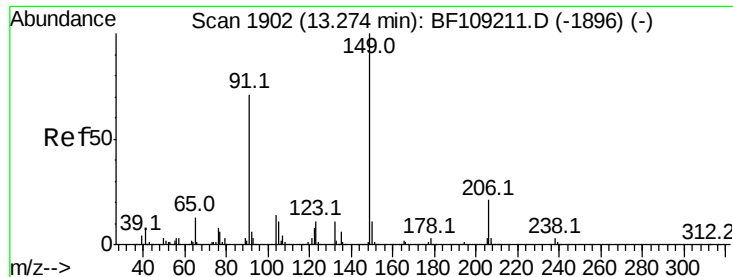


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 39.102 ng

RT: 13.27 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

Instrument :

BNA_F

ClientSampleId :

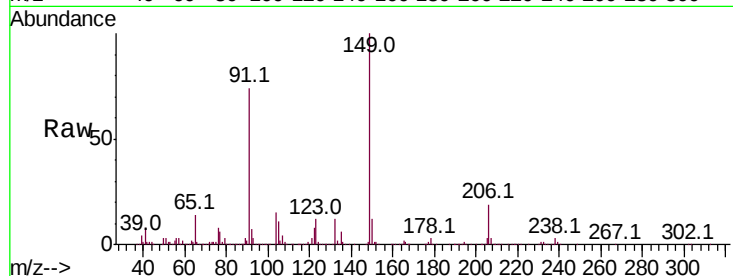
Tot Ion:149 Resp: 298808

Ion Ratio Lower Upper

149 100

91 74.0 56.8 85.2

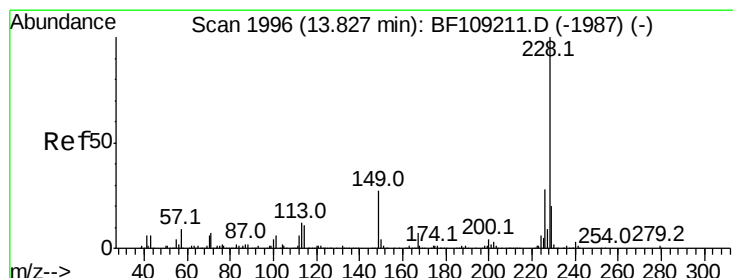
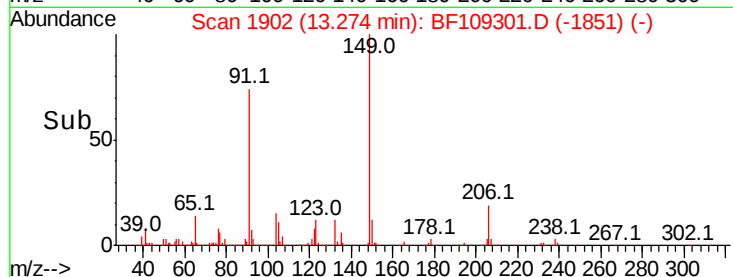
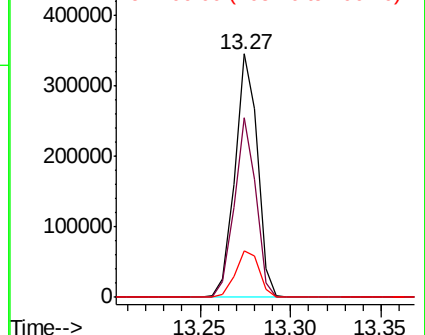
206 19.2 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.675 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

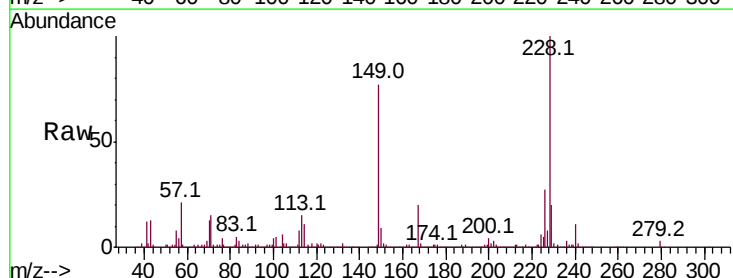
Tgt Ion:228 Resp: 598921

Ion Ratio Lower Upper

228 100

226 27.3 22.6 33.8

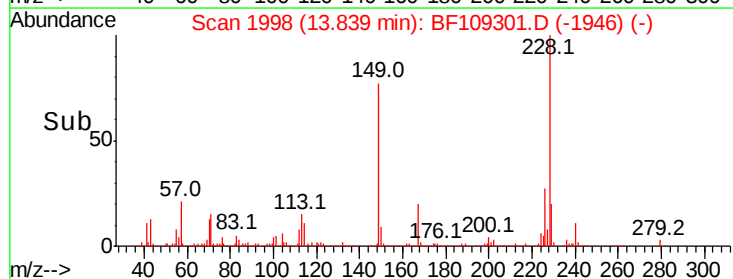
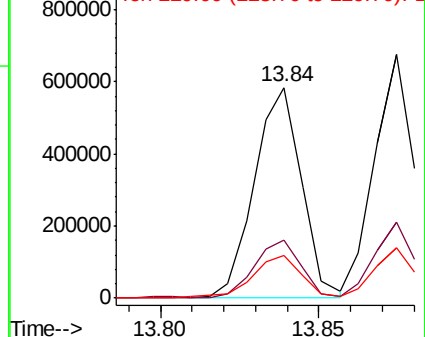
229 20.0 15.8 23.6

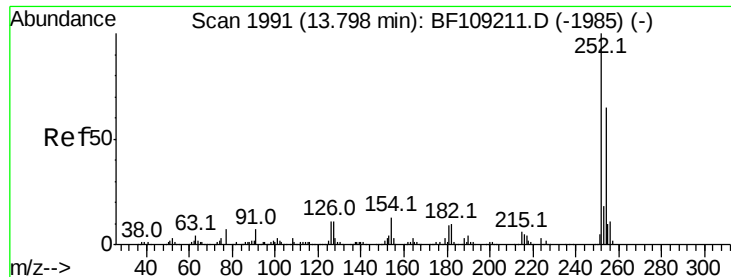


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 38.158 ng

RT: 13.80 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

Instrument :

BNA_F

ClientSampleId :

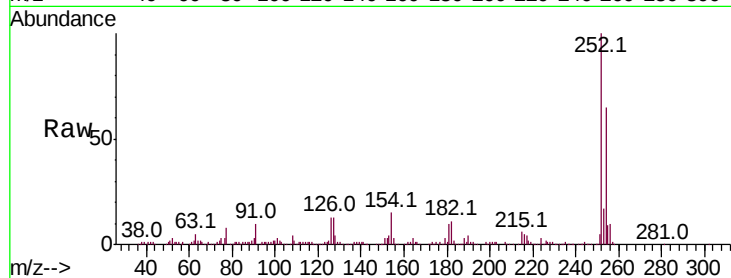
Tot Ion:252 Resp: 218915

Ion Ratio Lower Upper

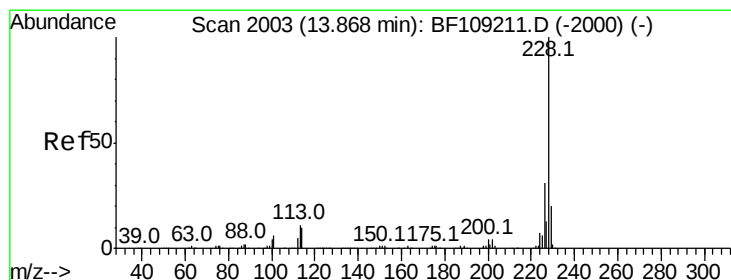
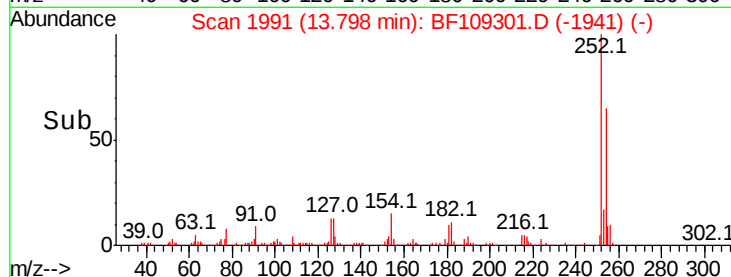
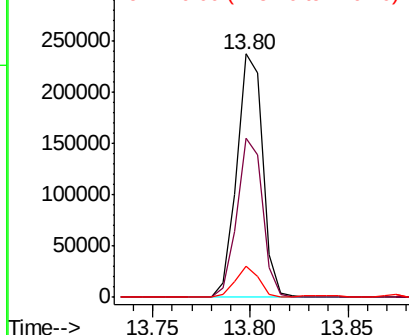
252 100

254 65.1 50.4 75.6

126 12.7 11.3 16.9



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



#82

Chrysene

Concen: 38.467 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

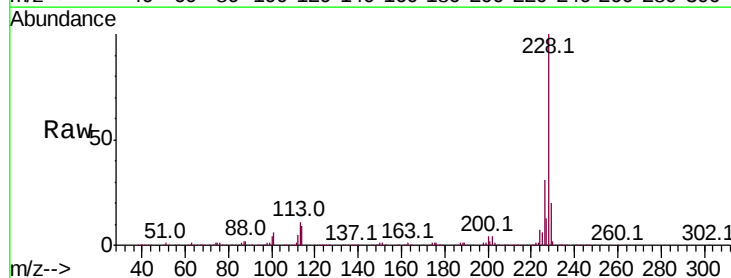
Tgt Ion:228 Resp: 575549

Ion Ratio Lower Upper

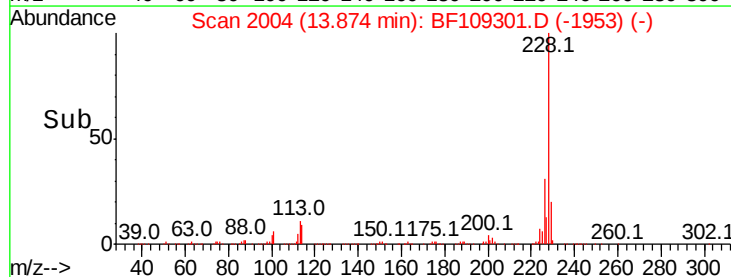
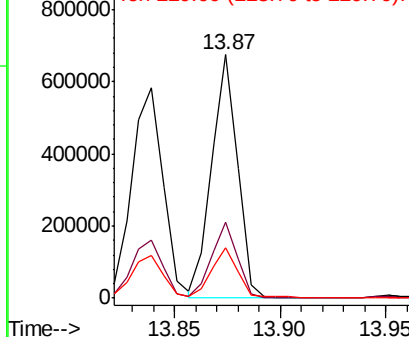
228 100

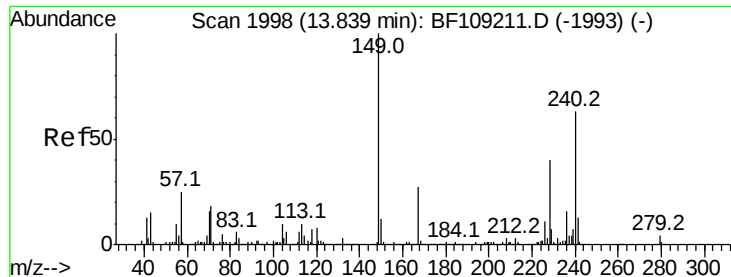
226 31.0 25.0 37.6

229 20.5 16.2 24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.513 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

Instrument :

BNA_F

ClientSampleId :

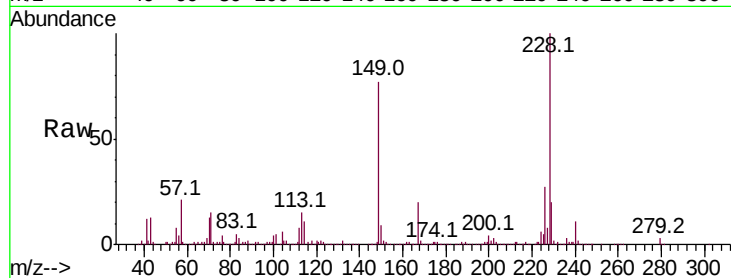
Tot Ion:149 Resp: 380800

Ion Ratio Lower Upper

149 100

167 25.7 21.3 31.9

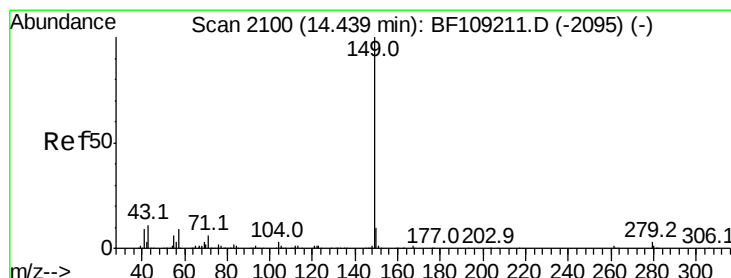
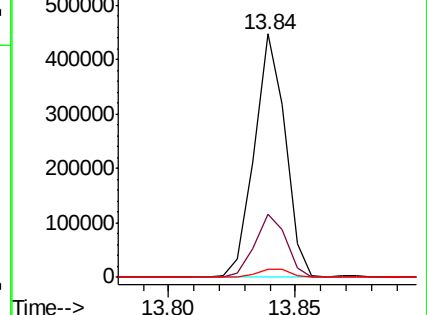
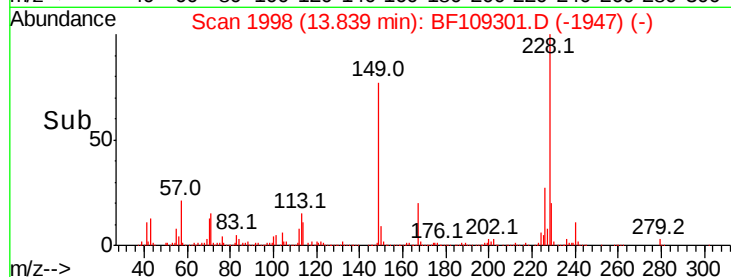
279 3.5 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.829 ng

RT: 14.44 min Scan# 2101

Delta R.T. 0.00 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

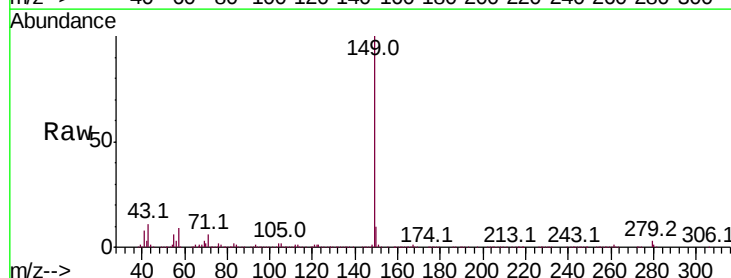
Tgt Ion:149 Resp: 672790

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

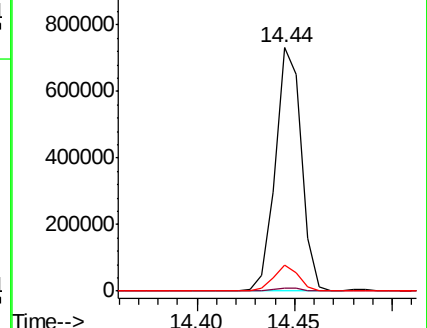
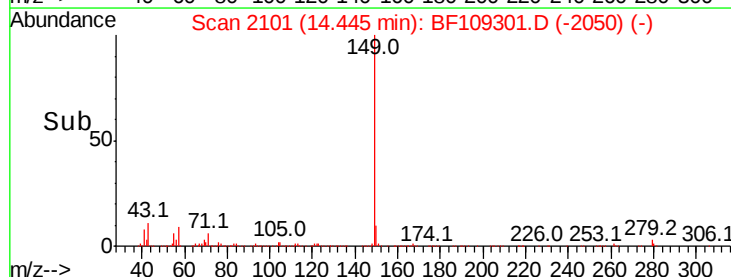
43 9.8 8.4 12.6

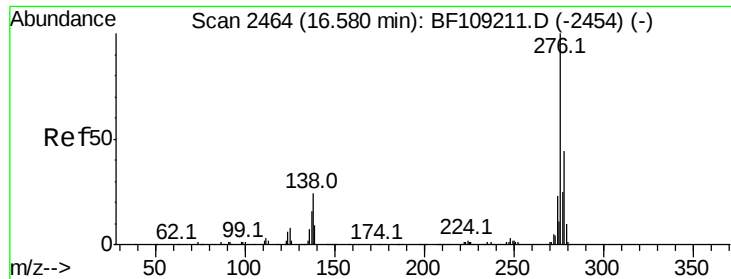


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

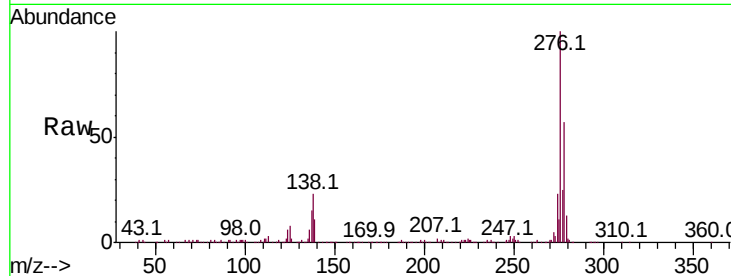




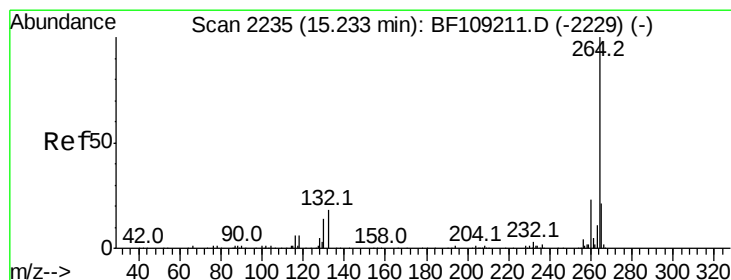
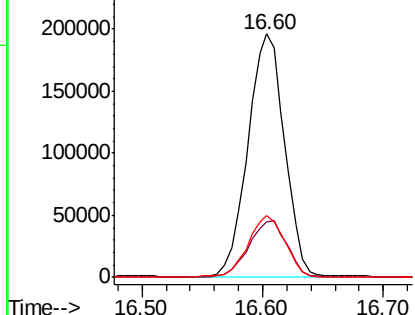
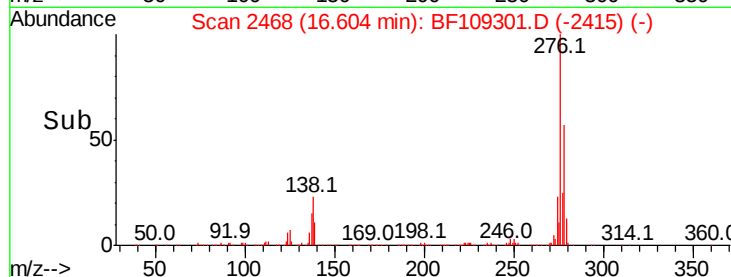
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.886 ng
 RT: 16.60 min Scan# 2468
 Delta R.T. 0.01 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.9	25.0	37.6#
277	25.2	20.1	30.1

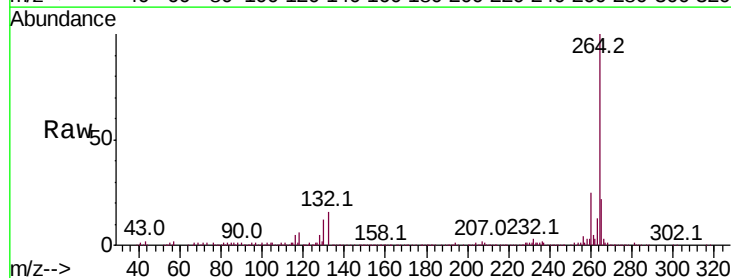


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

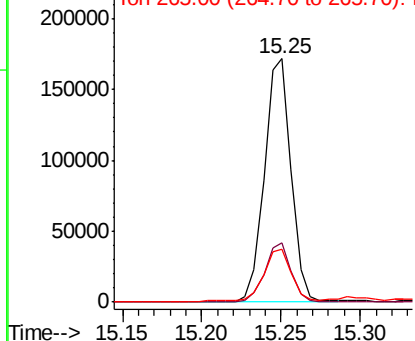
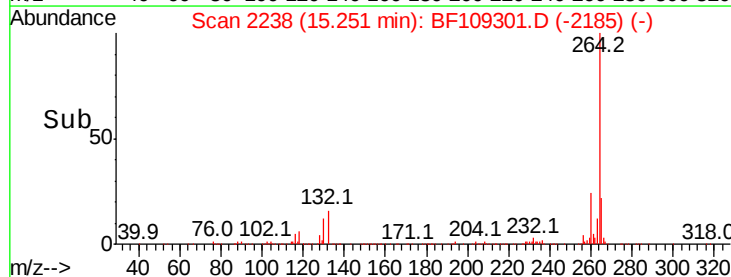


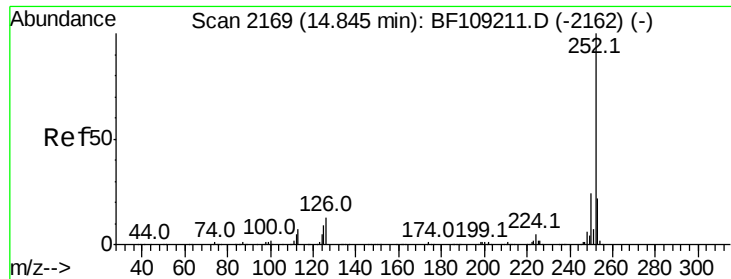
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2238
 Delta R.T. 0.01 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.9	17.5	26.3



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

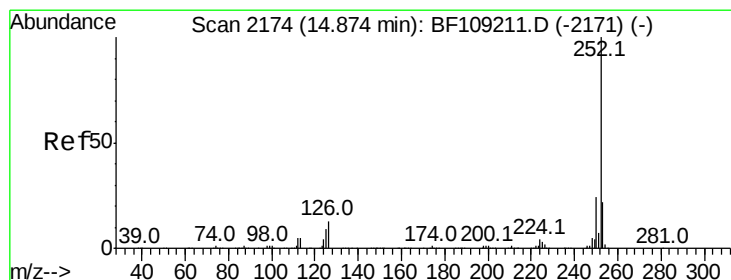
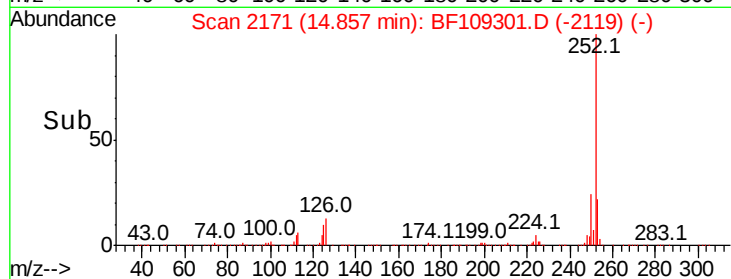
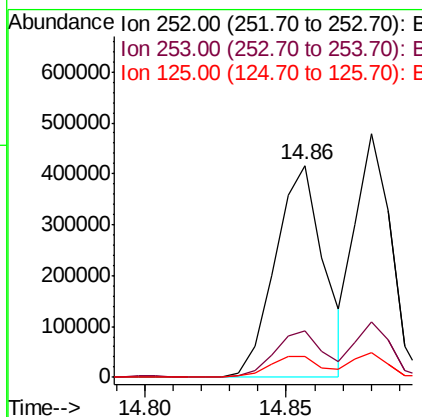
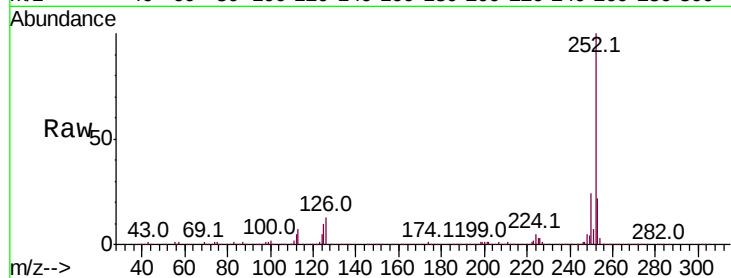




#87
Benzo(b)fluoranthene
Concen: 44.746 ng
RT: 14.86 min Scan# 2171
Delta R.T. 0.01 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

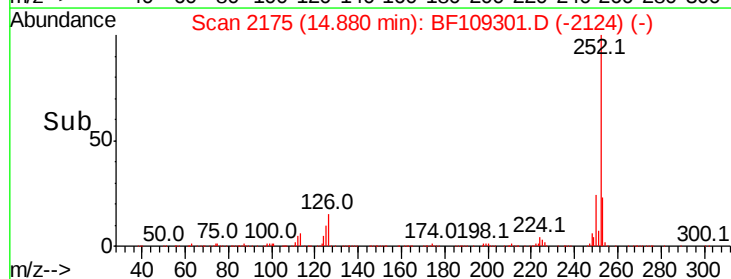
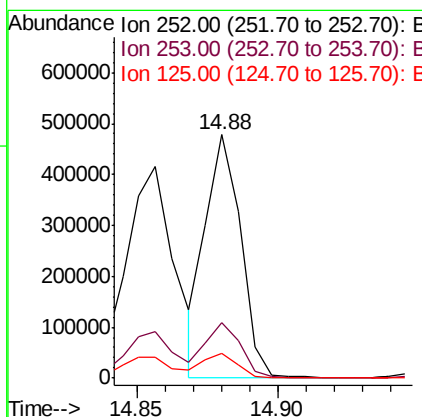
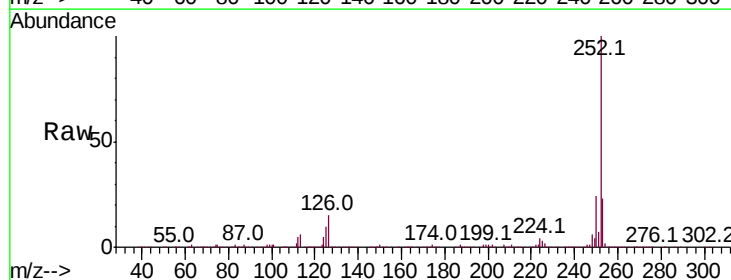
Instrument :
BNA_F
ClientSampleId :

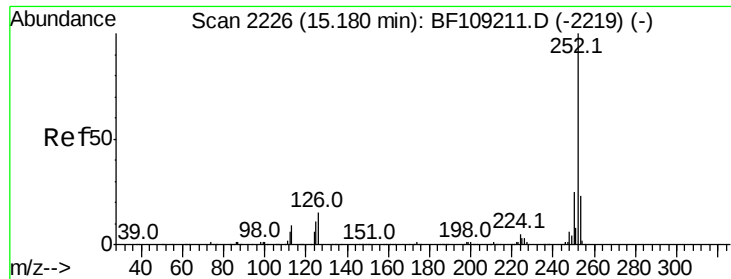
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	10.0	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 39.337 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	10.4	10.2	15.2





#89

Benzo(a)pyrene

Concen: 42.676 ng

RT: 15.19 min Scan# 2228

Delta R.T. 0.01 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

Instrument :

BNA_F

ClientSampleId :

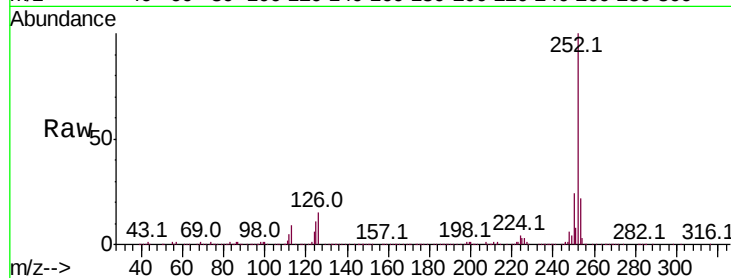
Tot Ion:252 Resp: 428079

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

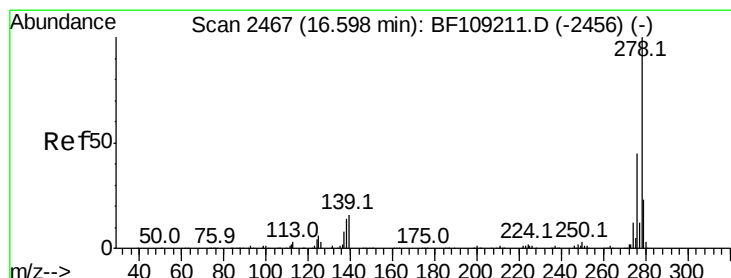
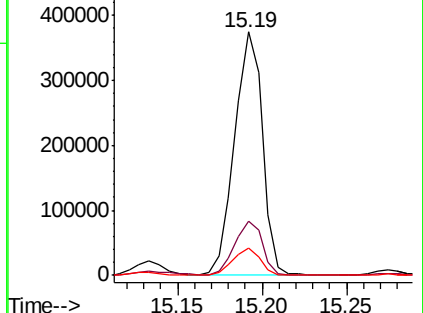
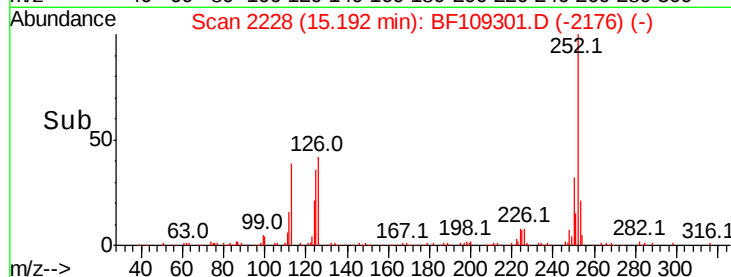
125 11.4 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.448 ng

RT: 16.62 min Scan# 2470

Delta R.T. 0.01 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

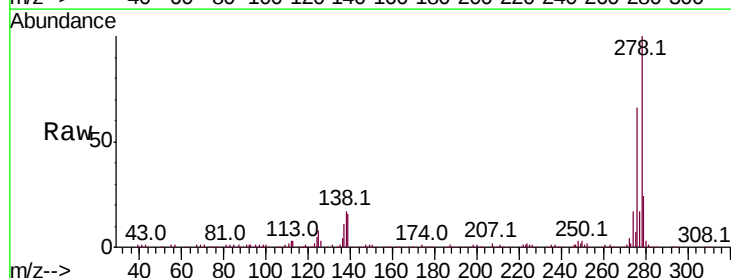
Tgt Ion:278 Resp: 332864

Ion Ratio Lower Upper

278 100

139 15.7 15.9 23.9#

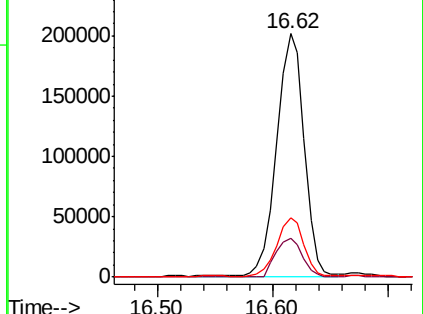
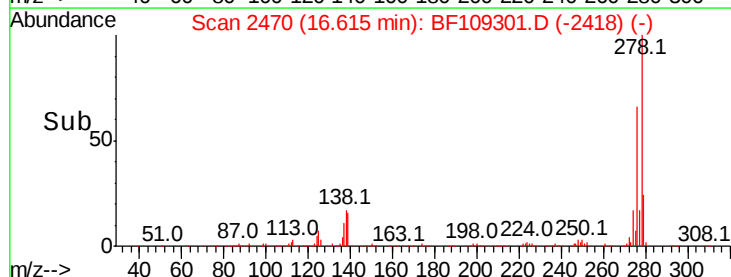
279 24.1 19.0 28.4

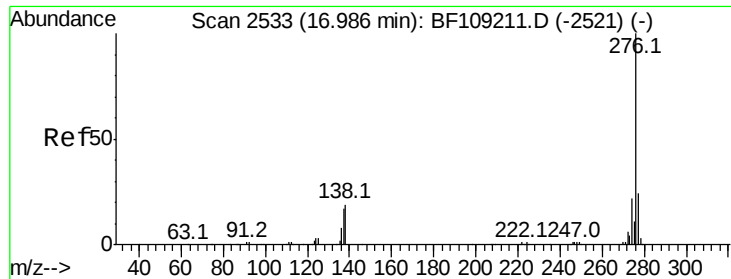


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

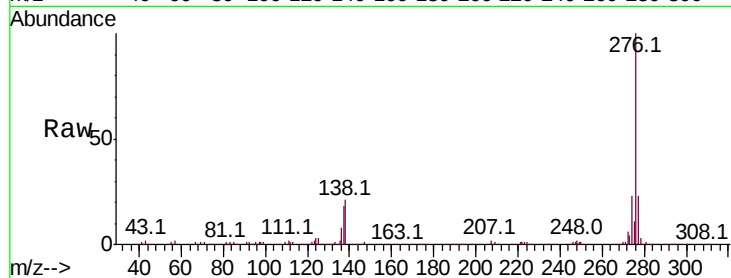




#91
 Benzo(a,h,i)perylene
 Concen: 41.981 ng
 RT: 17.01 min Scan# 2537
 Delta R.T. 0.01 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	17.9	26.9
138	21.1	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

