

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
 Data File : BF109262.D
 Acq On : 24 Sep 2018 12:57
 Operator : JU/SJ
 Sample : J5025-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 24 17:05:14 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	6.70	152	113331	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	450662	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	220538	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	427245	20.00	ng	0.00
75) Chrysene-d12	13.84	240	267357	20.00	ng	0.00
86) Perylene-d12	15.24	264	294639	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	463275	67.33	ng	0.00
7) Phenol-d6	6.35	99	606700	69.10	ng	-0.01
23) Nitrobenzene-d5	7.27	82	366532	48.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	165582	76.16	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	702127	48.02	ng	-0.01
78) Terphenyl-d14	12.79	244	679519	62.38	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.39	88	62190	19.625	ng	95
3) Pyridine	3.10	79	169875	20.828	ng	90
4) n-Nitrosodimethylamine	3.02	42	87548	25.223	ng	# 98
6) Aniline	6.36	93	199358	17.747	ng	# 46
8) 2-Chlorophenol	6.49	128	190172	24.854	ng	95
9) Benzaldehyde	6.25	77	125027	22.167	ng	94
10) Phenol	6.36	94	263945	26.545	ng	85
11) bis(2-Chloroethyl)ether	6.45	93	179615	23.086	ng	95
12) 1,3-Dichlorobenzene	6.65	146	207195	23.519	ng	98
13) 1,4-Dichlorobenzene	6.72	146	208136	23.451	ng	98
14) 1,2-Dichlorobenzene	6.88	146	194777	23.790	ng	97
15) Benzyl Alcohol	6.85	79	172246	25.629	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	257668	23.348	ng	98
17) 2-Methylphenol	6.97	107	155937	25.187	ng	97
18) Hexachloroethane	7.22	117	73427	23.482	ng	99
19) n-Nitroso-di-n-propylamine	7.12	70	135137	23.489	ng	99
20) 3+4-Methylphenols	7.12	107	194668	26.043	ng	# 79
22) Acetophenone	7.12	105	264461	25.382	ng	# 94
24) Nitrobenzene	7.29	77	201254	24.793	ng	98
25) Isophorone	7.53	82	372143	27.070	ng	97
26) 2-Nitrophenol	7.60	139	89640	27.924	ng	96
27) 2,4-Dimethylphenol	7.65	122	174752	29.174	ng	98
28) bis(2-Chloroethoxy)methane	7.74	93	230278	25.305	ng	99
29) 2,4-Dichlorophenol	7.85	162	164229	26.095	ng	97
30) 1,2,4-Trichlorobenzene	7.93	180	167750	23.854	ng	96
31) Naphthalene	8.01	128	552044	26.214	ng	99
32) Benzoic acid	7.76	122	91745	26.144	ng	96
33) 4-Chloroaniline	8.06	127	114391	12.434	ng	96
34) Hexachlorobutadiene	8.13	225	101283	23.890	ng	98
35) Caprolactam	8.42	113	39660	19.738	ng	# 85
36) 4-Chloro-3-methylphenol	8.55	107	174769	26.390	ng	99
37) 2-Methylnaphthalene	8.70	142	378993	27.917	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	170195	24.249	ng	98
40) Hexachlorocyclopentadiene	8.86	237	121618	39.727	ng	97

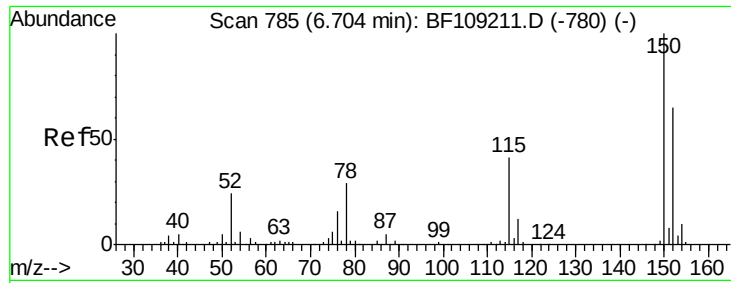
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
 Data File : BF109262.D
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 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	118119	26.222	nq	98
43) 2,4,5-Trichlorophenol	9.02	196	125556	26.391	nq	# 93
45) 1,1'-Biphenyl	9.16	154	453073	25.215	nq	97
46) 2-Chloronaphthalene	9.19	162	353947	24.657	nq	98
47) 2-Nitroaniline	9.28	65	103723	25.486	nq	99
48) Acenaphthylene	9.60	152	579479	26.759	nq	99
49) Dimethylphthalate	9.47	163	637537	39.745	nq	# 99
50) 2,6-Dinitrotoluene	9.52	165	85344	26.864	nq	93
51) Acenaphthene	9.77	154	335459	25.622	nq	99
52) 3-Nitroaniline	9.69	138	70507	19.164	nq	99
53) 2,4-Dinitrophenol	9.80	184	51919	49.692	nq	# 17
54) Dibenzofuran	9.95	168	496517	25.500	nq	99
55) 4-Nitrophenol	9.86	139	144540	52.153	nq	98
56) 2,4-Dinitrotoluene	9.93	165	114078	28.380	nq	# 93
57) Fluorene	10.29	166	379241	27.298	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	104664	27.785	nq	# 89
59) Diethylphthalate	10.16	149	412827	25.415	nq	98
60) 4-Chlorophenyl-phenylether	10.27	204	180862	24.925	nq	96
61) 4-Nitroaniline	10.30	138	92203	25.698	nq	99
62) Azobenzene	10.44	77	409964	24.292	nq	95
64) 4,6-Dinitro-2-methylphenol	10.33	198	37300	25.370	nq	83
65) n-Nitrosodiphenylamine	10.39	169	359860	25.493	nq	96
66) 4-Bromophenyl-phenylether	10.76	248	119853	25.262	nq	90
67) Hexachlorobenzene	10.83	284	126160	25.038	nq	# 90
68) Atrazine	10.92	200	121367	27.956	nq	98
69) Pentachlorophenol	11.03	266	127408	42.247	nq	97
70) Phenanthrene	11.24	178	566891	26.574	nq	99
71) Anthracene	11.29	178	591697	27.347	nq	99
72) Carbazole	11.45	167	517753	24.051	nq	99
73) Di-n-butylphthalate	11.79	149	653331	26.363	nq	98
74) Fluoranthene	12.42	202	560914	24.605	nq	95
76) Benzidine	12.54	184	252632	26.208	nq	98
77) Pyrene	12.65	202	546967	28.546	nq	99
79) Butylbenzylphthalate	13.27	149	235744	28.919	nq	94
80) Benzo(a)anthracene	13.83	228	419137	26.027	nq	99
81) 3,3'-Dichlorobenzidine	13.79	252	112935	18.453	nq	97
82) Chrysene	13.87	228	410479	25.717	nq	98
83) Bis(2-ethylhexyl)phthalate	13.84	149	301022	29.280	nq	99
84) Di-n-octyl phthalate	14.44	149	483000	27.477	nq	97
85) Indeno(1,2,3-cd)pyrene	16.59	276	432075	33.397	nq	# 92
87) Benzo(b)fluoranthene	14.84	252	414574	25.607	nq	98
88) Benzo(k)fluoranthene	14.87	252	382983	24.929	nq	# 97
89) Benzo(a)pyrene	15.18	252	389380	26.690	nq	99
90) Dibenzo(a,h)anthracene	16.60	278	358373	29.943	nq	96
91) Benzo(g,h,i)perylene	16.99	276	338714	28.796	nq	# 92

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

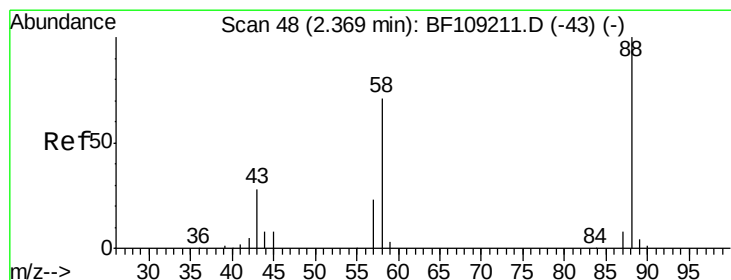
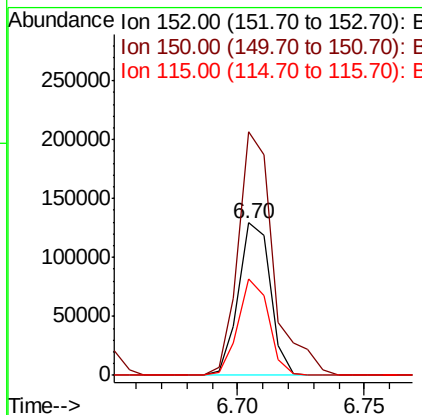
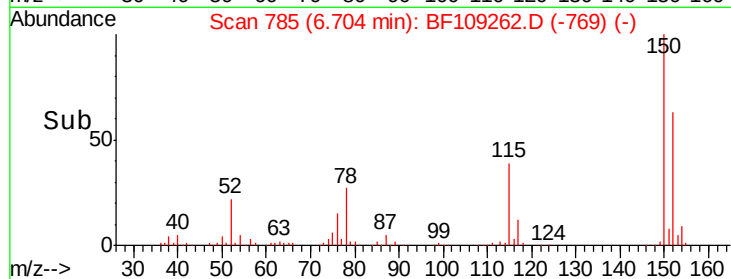
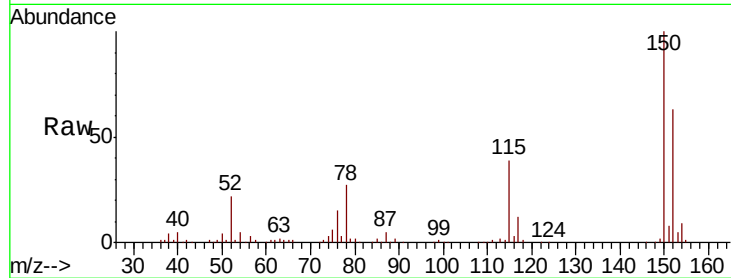


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109262.D
Acq: 24 Sep 2018 12:57

Instrument :
BNA_F
ClientSampled :

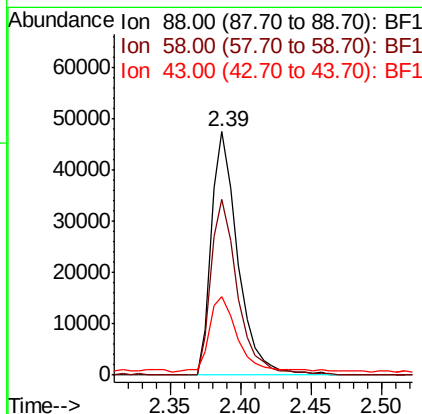
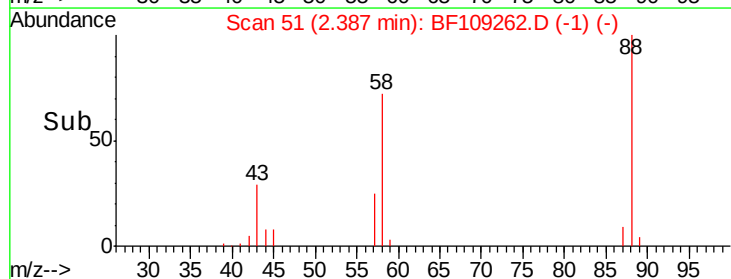
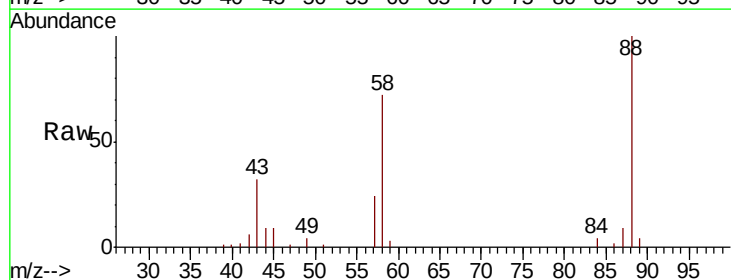
Tot Ion:152 Resp: 113331
Ion Ratio Lower Upper
152 100
150 159.8 124.6 186.8
115 63.0 50.1 75.1

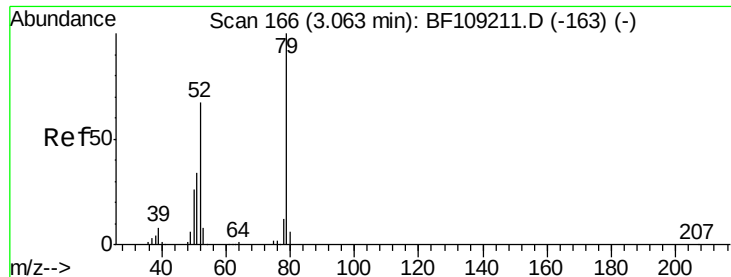


#2

1,4-Dioxane
Concen: 19.625 ng
RT: 2.39 min Scan# 51
Delta R.T. 0.02 min
Lab File: BF109262.D
Acq: 24 Sep 2018 12:57

Tgt Ion: 88 Resp: 62190
Ion Ratio Lower Upper
88 100
58 73.1 62.6 93.8
43 33.2 24.6 37.0





#3

Pvridine

Concen: 20.828 ng

RT: 3.10 min Scan# 172

Delta R.T. 0.04 min

Lab File: BF109262.D

Acq: 24 Sep 2018 12:57

Instrument :

BNA_F

ClientSampleId :

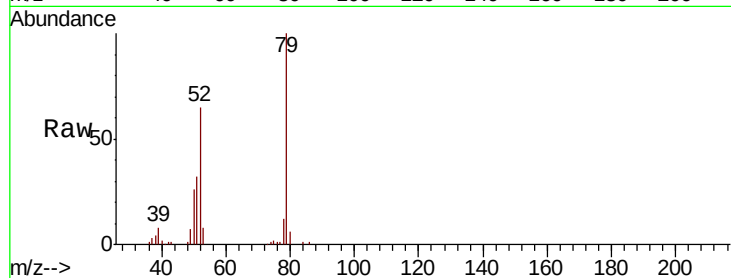
Tot Ion: 79 Resp: 169875

Ion Ratio Lower Upper

79 100

52 65.3 59.8 89.6

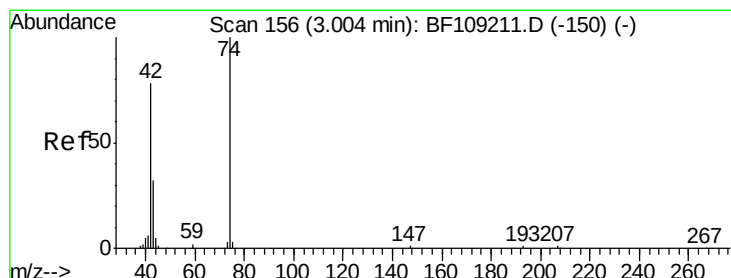
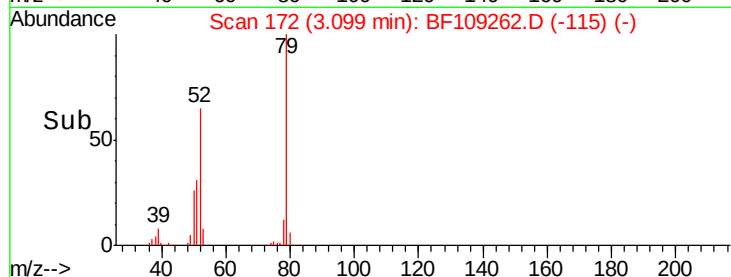
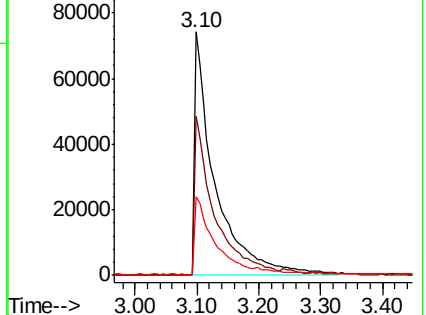
51 32.2 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 25.223 ng

RT: 3.02 min Scan# 158

Delta R.T. -0.01 min

Lab File: BF109262.D

Acq: 24 Sep 2018 12:57

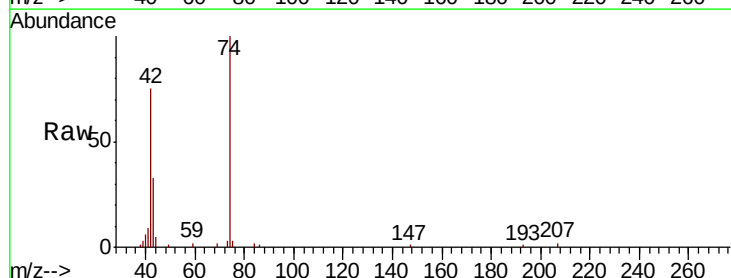
Tgt Ion: 42 Resp: 87548

Ion Ratio Lower Upper

42 100

74 132.9 104.9 157.3

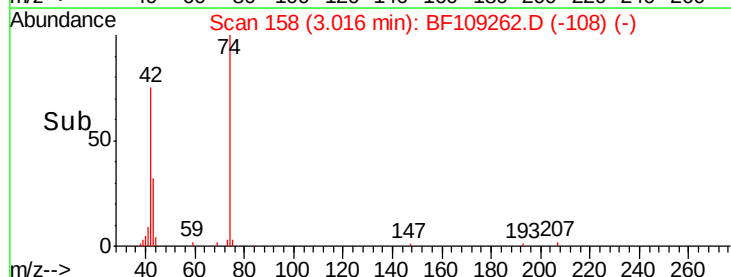
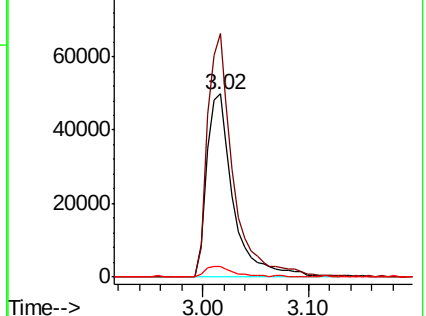
44 6.2 6.9 10.3#

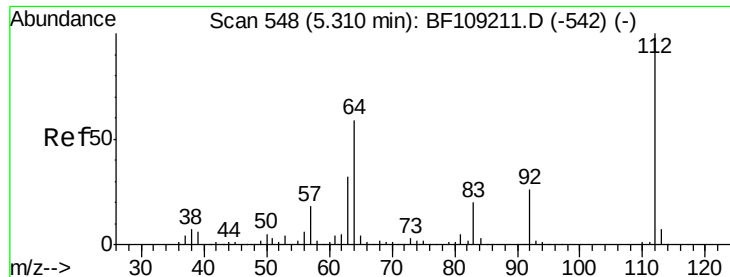


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 67.329 ng

RT: 5.32 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF109262.D

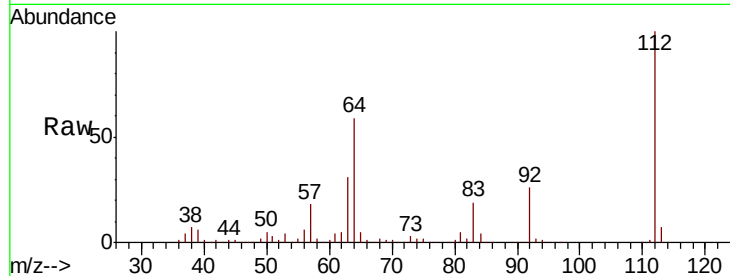
Acq: 24 Sep 2018 12:57

Instrument :

BNA_F

ClientSampled :

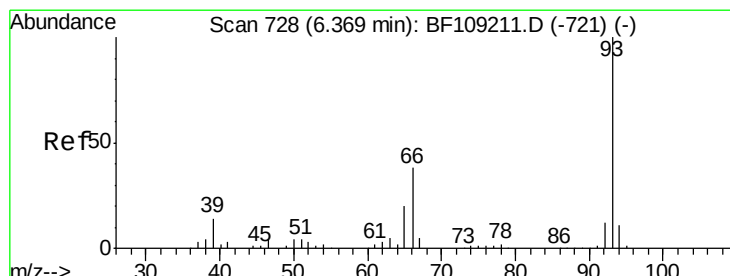
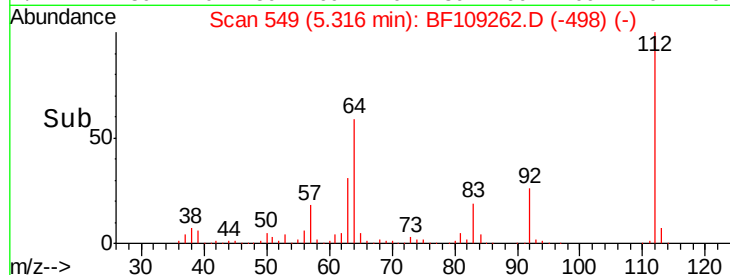
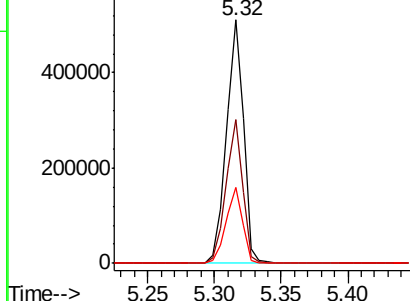
Tot Ion:112	Resp:	463275
Ion Ratio	Lower	Upper
112 100		
64 59.2	47.9	71.9
63 31.3	23.7	35.5



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: 17.747 ng

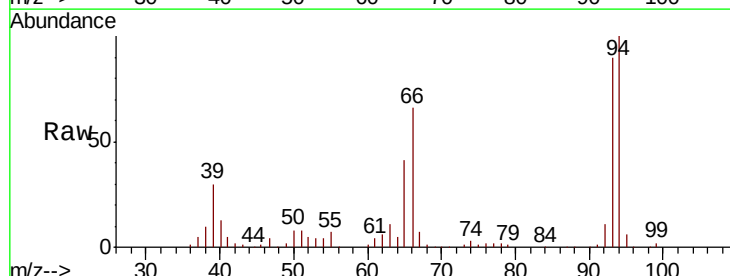
RT: 6.36 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF109262.D

Acq: 24 Sep 2018 12:57

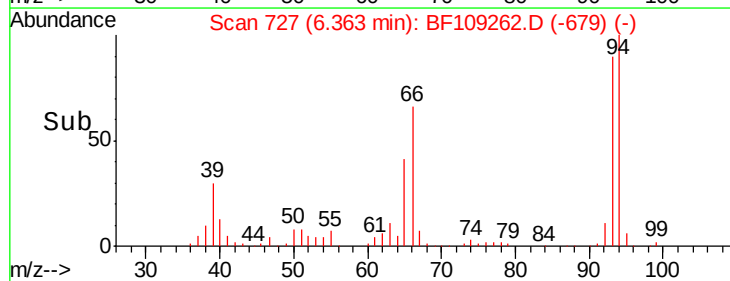
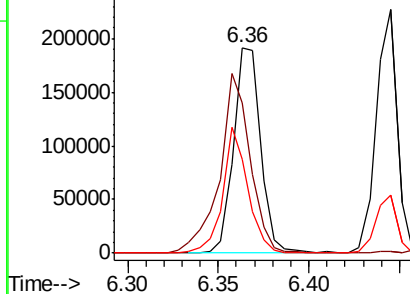
Tgt Ion: 93	Resp:	199358
Ion Ratio	Lower	Upper
93 100		
66 73.3	32.2	48.2#
65 45.8	16.4	24.6#

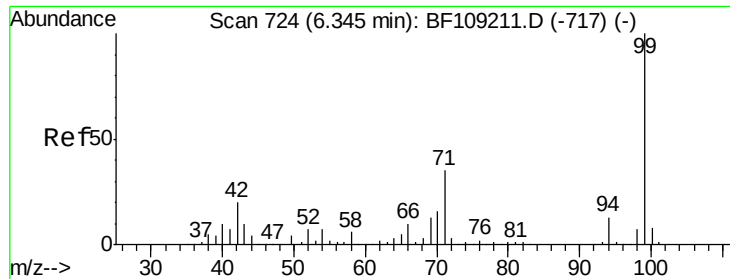


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 69.100 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109262.D

Acq: 24 Sep 2018 12:57

Instrument :

BNA_F

ClientSampleId :

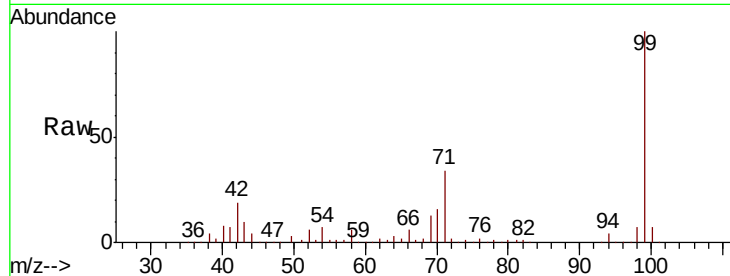
Tot Ion: 99 Resp: 606700

Ion Ratio Lower Upper

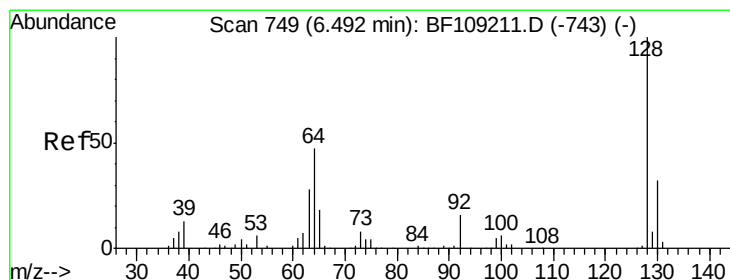
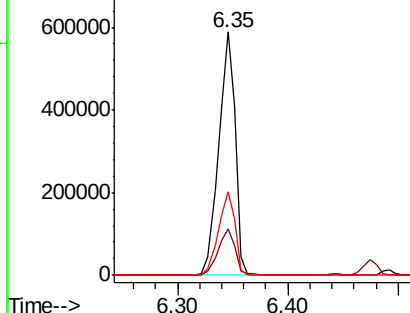
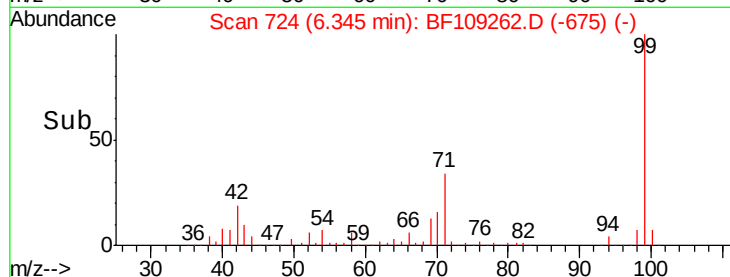
99 100

42 19.2 14.5 21.7

71 34.5 25.4 38.0



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



#8

2-Chlorophenol

Concen: 24.854 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF109262.D

Acq: 24 Sep 2018 12:57

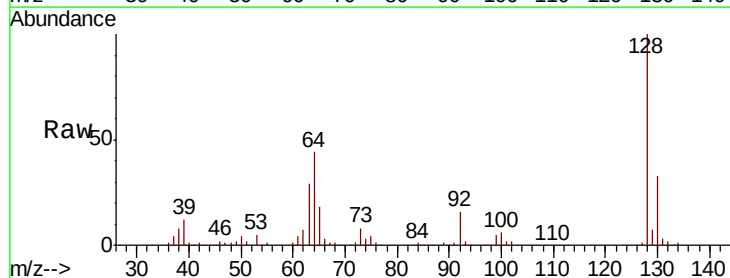
Tgt Ion: 128 Resp: 190172

Ion Ratio Lower Upper

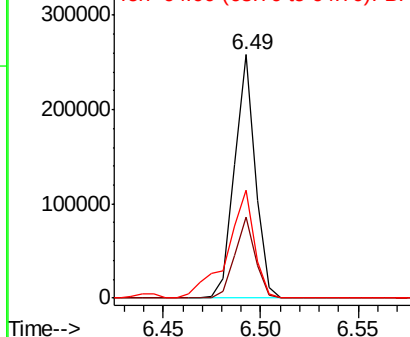
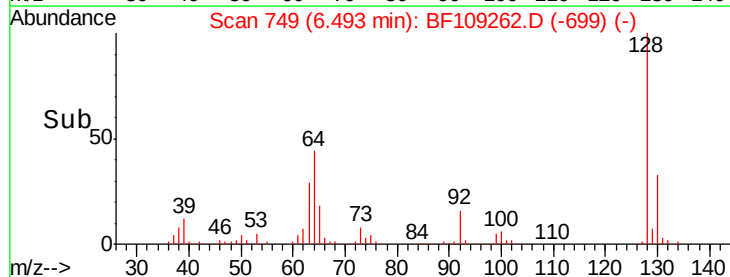
128 100

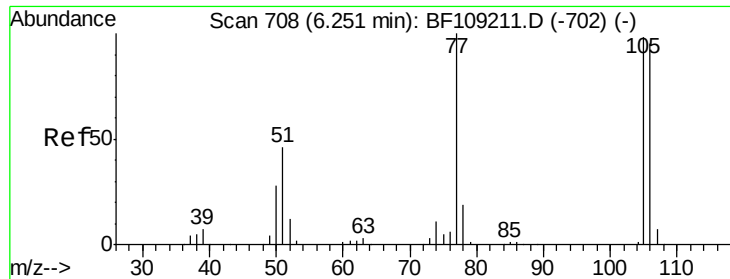
130 33.1 13.0 53.0

64 44.2 29.4 69.4



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

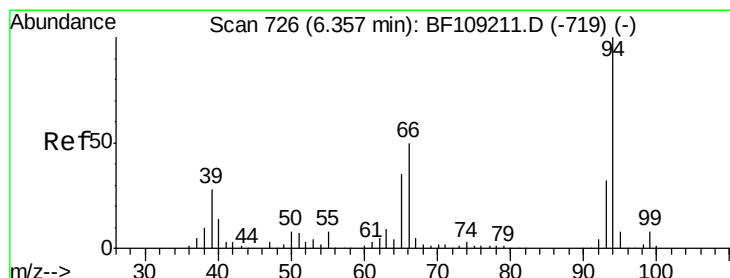
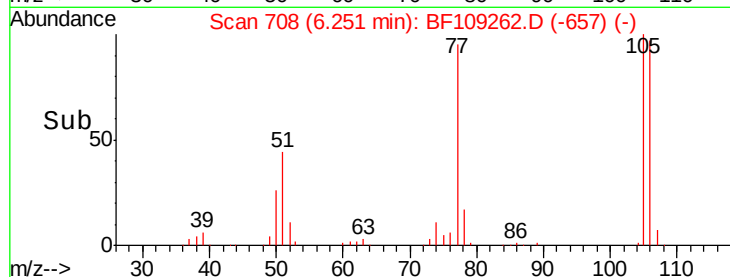
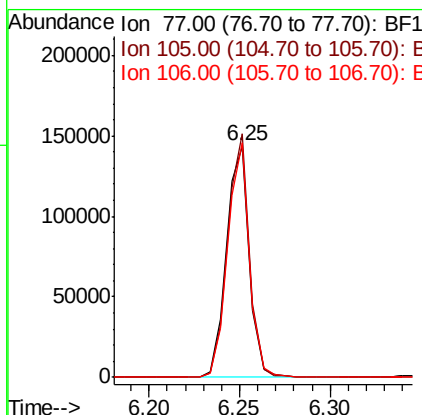
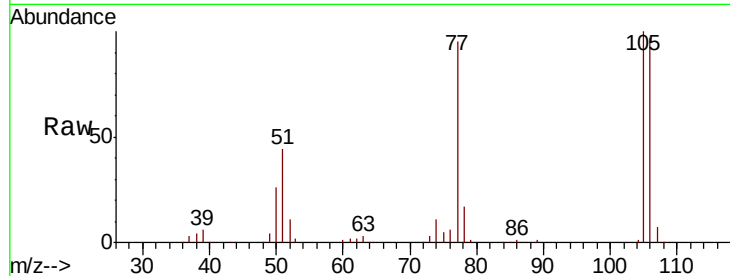




#9
Benzaldehyde
Concen: 22.167 ng
RT: 6.25 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF109262.D
Acq: 24 Sep 2018 12:57

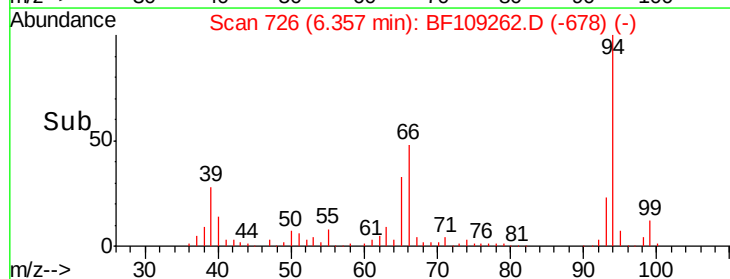
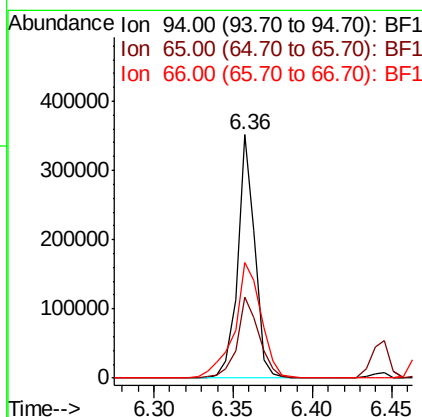
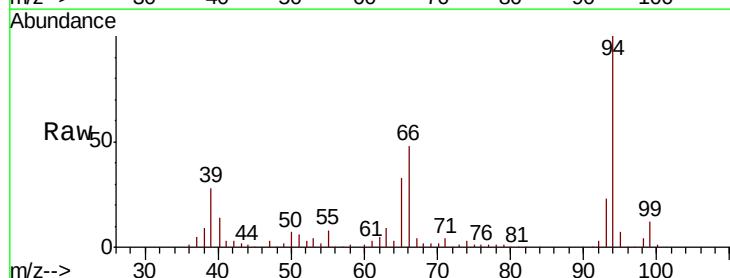
Instrument :
BNA_F
ClientSampleId :

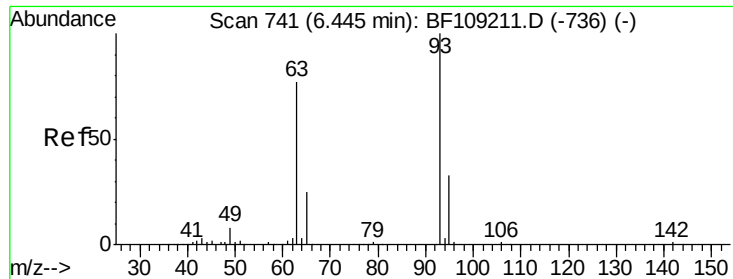
Tot Ion	Ratio	Lower	Upper
77	100		
105	105.3	81.1	121.1
106	101.6	74.5	114.5



#10
Phenol
Concen: 26.545 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF109262.D
Acq: 24 Sep 2018 12:57

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.3	7.9	47.9
66	47.6	16.2	56.2

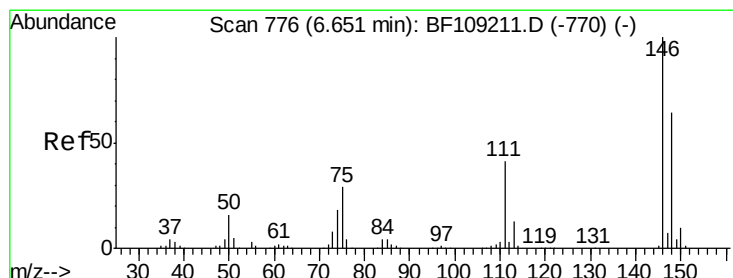
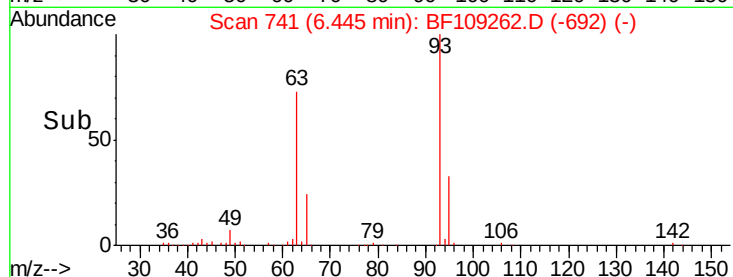
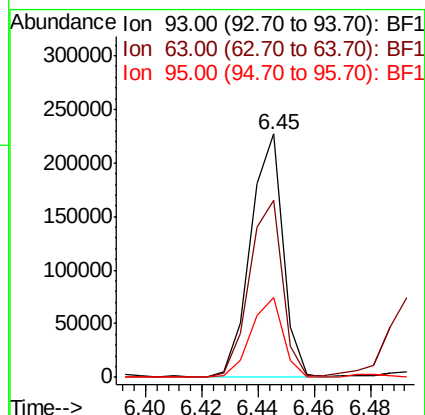
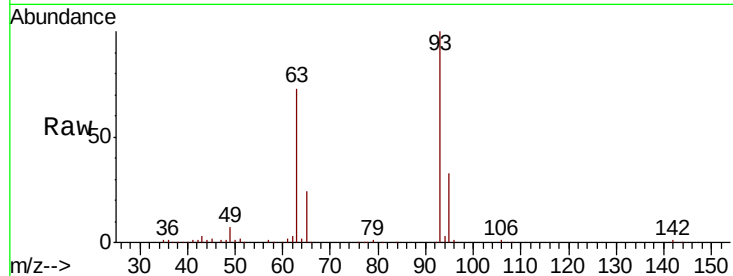




#11
 bis(2-Chloroethyl)ether
 Concen: 23.086 ng
 RT: 6.45 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF109262.D
 Acq: 24 Sep 2018 12:57

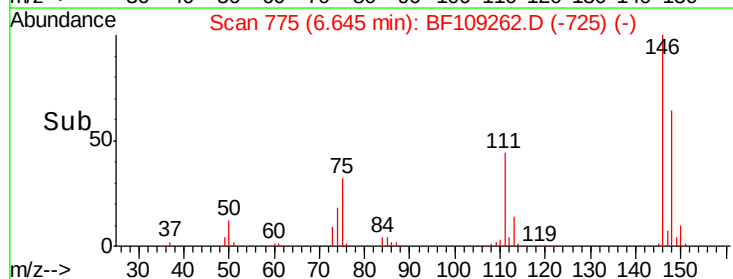
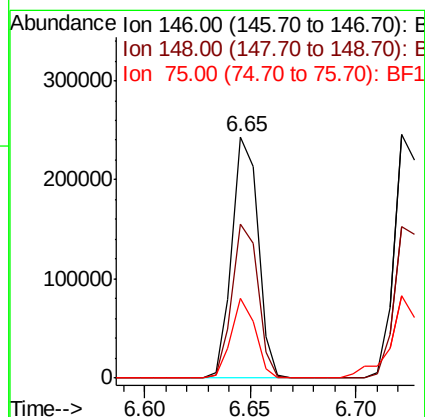
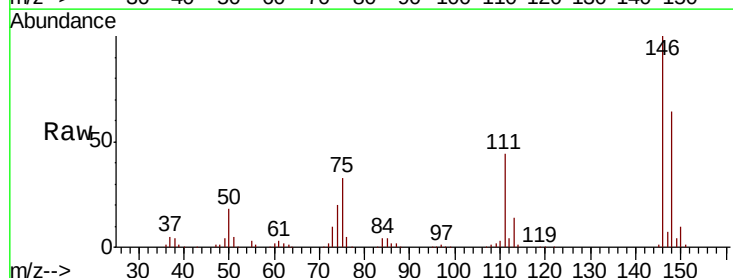
Instrument :
 BNA_F
 ClientSampleId :

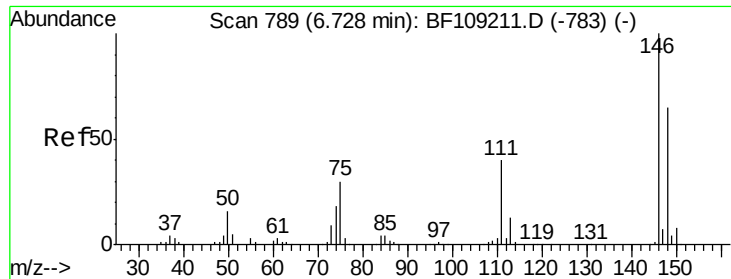
Tot Ion	93	Resp	179615
Ion Ratio	Lower	Upper	
93	100		
63	73.0	58.6	98.6
95	32.7	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 23.519 ng
 RT: 6.65 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF109262.D
 Acq: 24 Sep 2018 12:57

Tgt Ion	146	Resp	207195
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.8	77.8
75	33.2	24.2	36.4

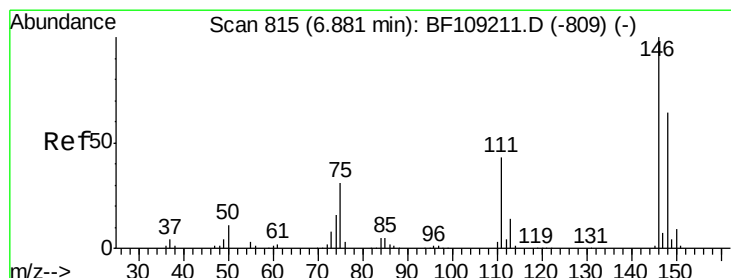
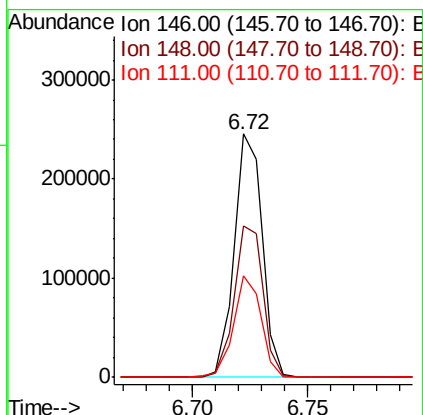
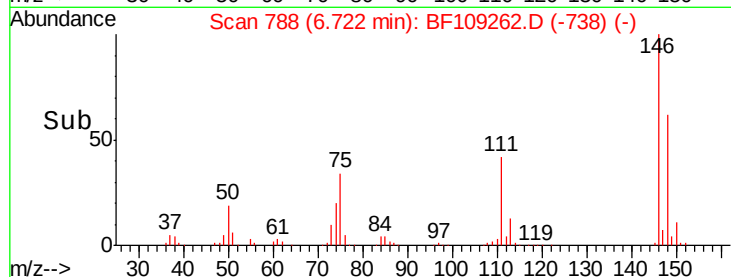
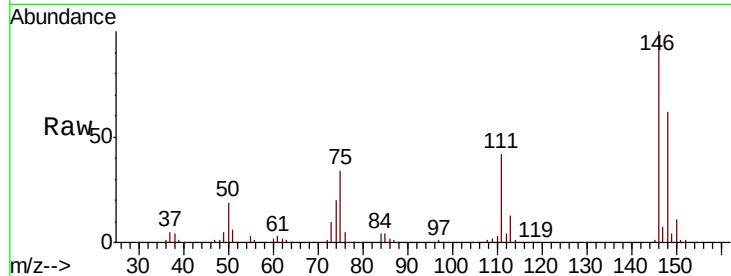




#13
 1,4-Dichlorobenzene
 Concen: 23.451 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF109262.D
 Acq: 24 Sep 2018 12:57

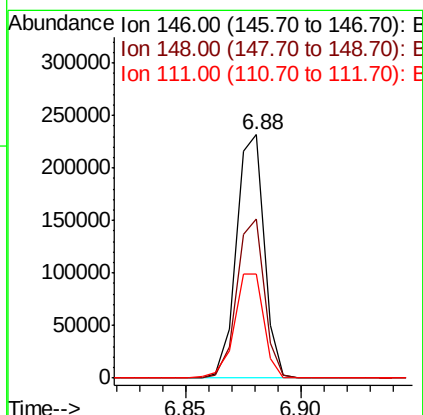
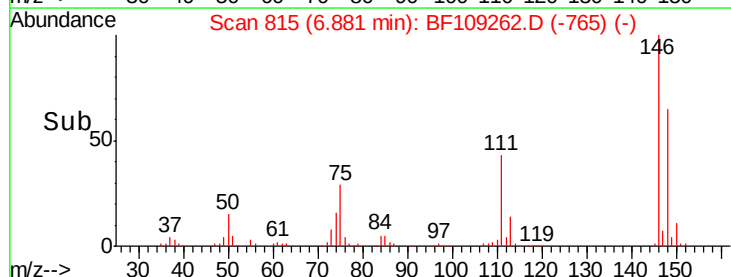
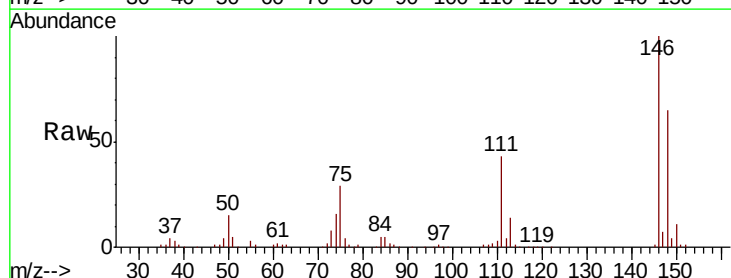
Instrument :
 BNA_F
 ClientSampleId :

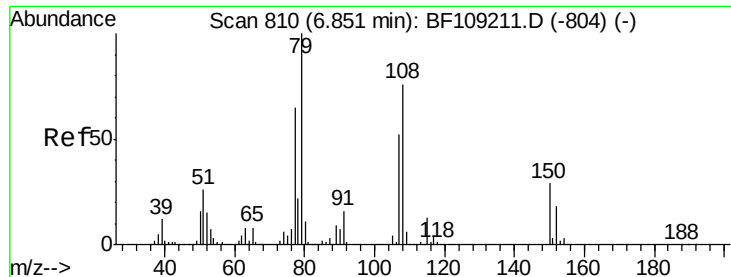
Tot Ion	Ratio	Lower	Upper
146	100		
148	62.1	50.8	76.2
111	41.9	34.2	51.2



#14
 1,2-Dichlorobenzene
 Concen: 23.790 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF109262.D
 Acq: 24 Sep 2018 12:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	50.6	75.8
111	43.0	36.0	54.0





#15

Benzyl Alcohol

Concen: 25.629 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF109262.D

Acq: 24 Sep 2018 12:57

Instrument :

BNA_F

ClientSampled :

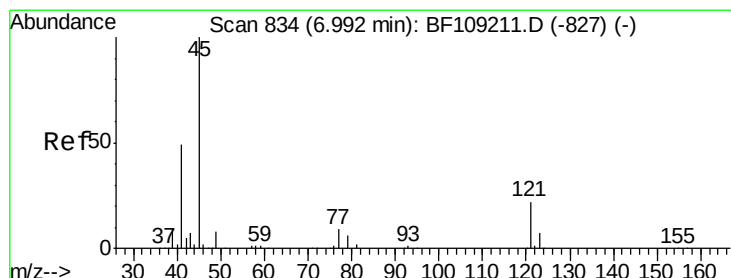
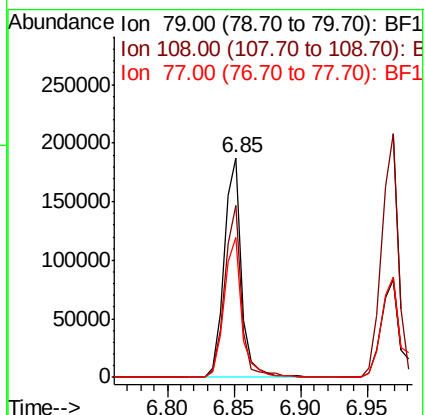
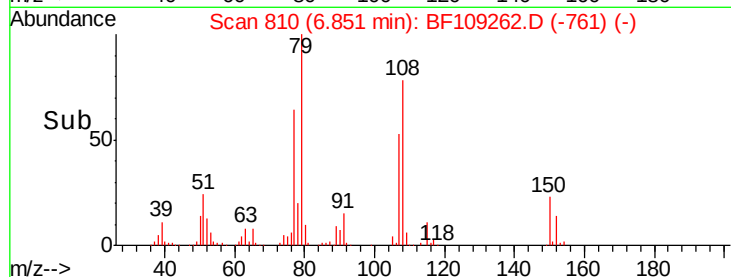
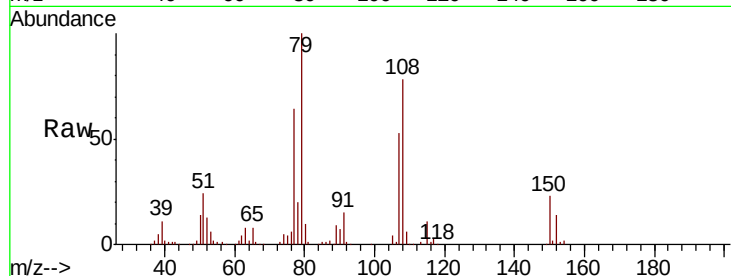
Tot Ion: 79 Resp: 172246

Ion Ratio Lower Upper

79 100

108 78.3 65.1 97.7

77 63.8 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 23.348 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF109262.D

Acq: 24 Sep 2018 12:57

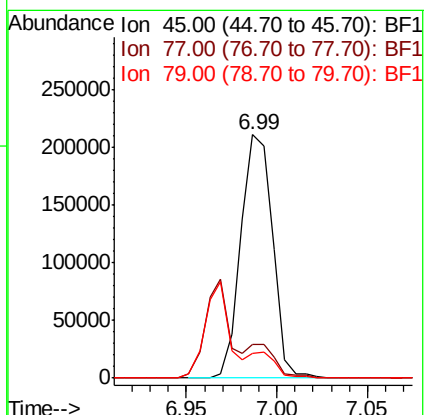
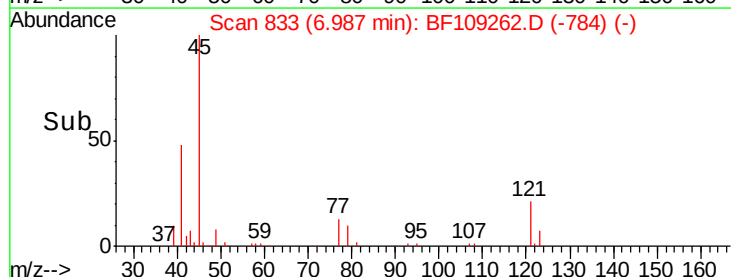
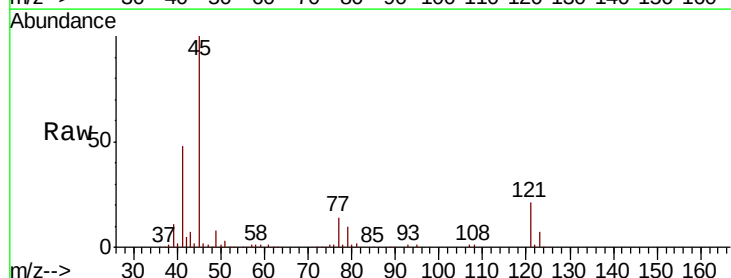
Tgt Ion: 45 Resp: 257668

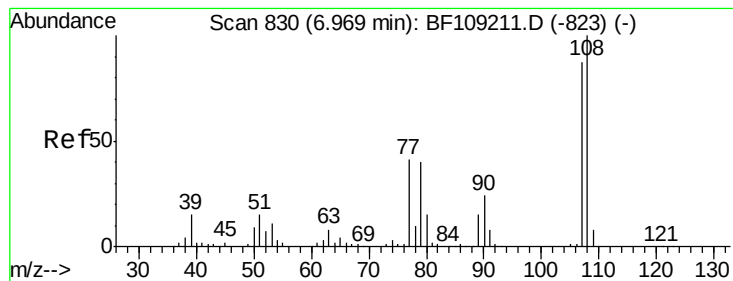
Ion Ratio Lower Upper

45 100

77 13.8 0.0 32.9

79 10.4 0.0 29.6

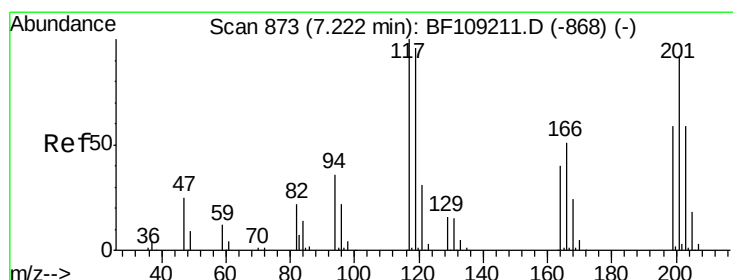
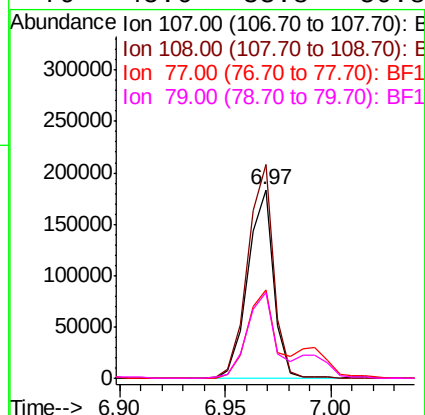
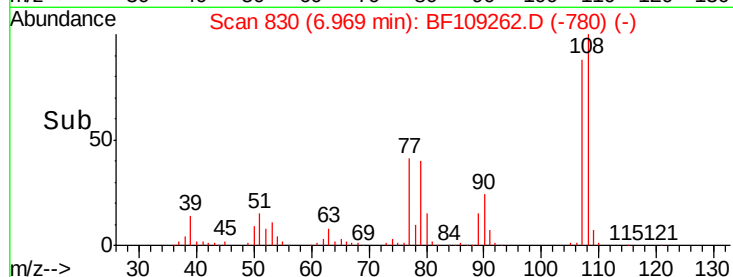
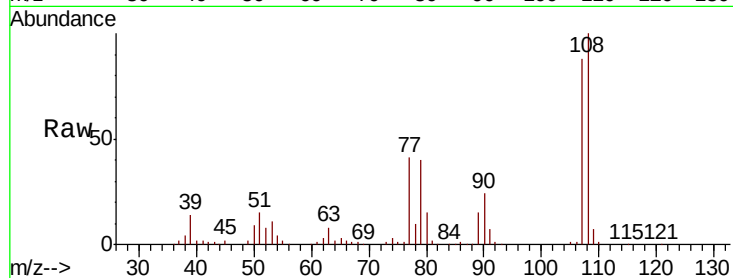




#17
2-Methylphenol
Concen: 25.187 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF109262.D
Acq: 24 Sep 2018 12:57

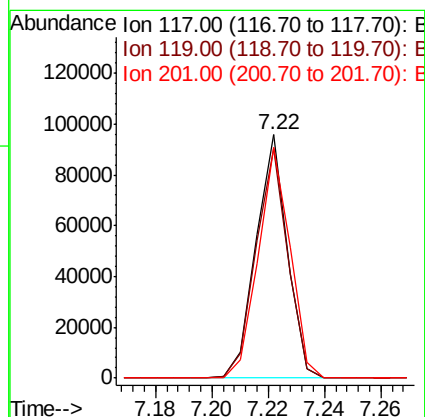
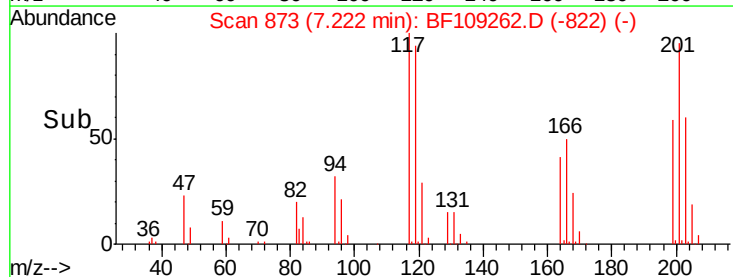
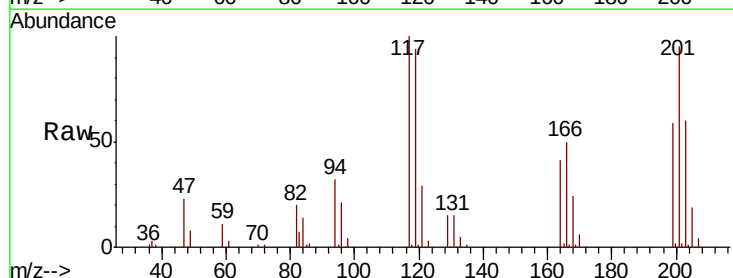
Instrument :
BNA_F
ClientSampleId :

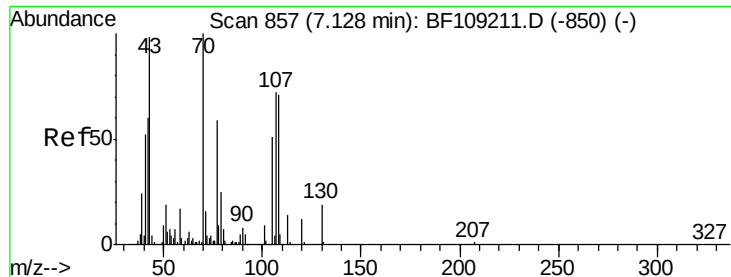
Tot Ion:	107	Resp:	155937
Ion	Ratio	Lower	Upper
107	100		
108	113.2	91.7	137.5
77	46.9	33.8	50.8
79	45.6	33.8	50.8



#18
Hexachloroethane
Concen: 23.482 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF109262.D
Acq: 24 Sep 2018 12:57

Tgt Ion:	117	Resp:	73427
Ion	Ratio	Lower	Upper
117	100		
119	94.0	75.8	113.8
201	94.9	75.7	113.5

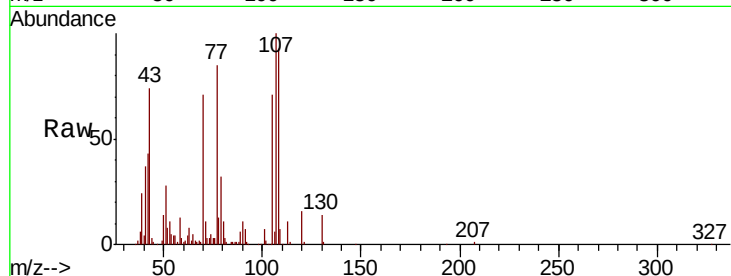




#19
n-Nitroso-di-n-propylamine
Concen: 23.489 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.02 min
Lab File: BF109262.D
Acq: 24 Sep 2018 12:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	135137
Ion	Ratio	Lower	Upper
70	100		
42	60.4	47.5	71.3
101	10.2	7.4	11.2
130	20.2	16.6	25.0



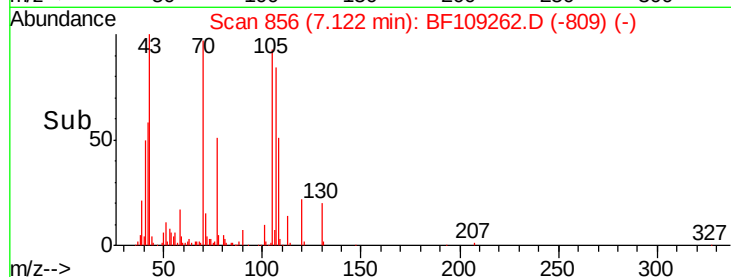
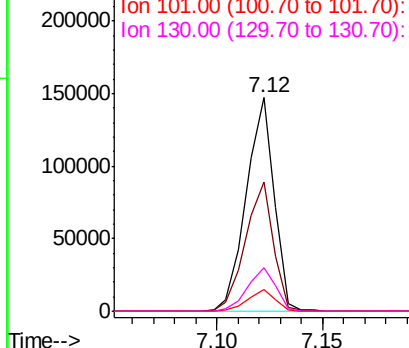
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

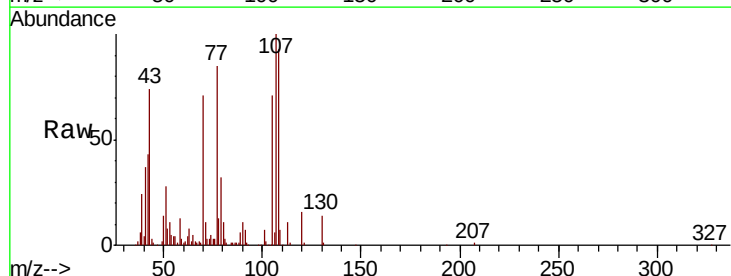
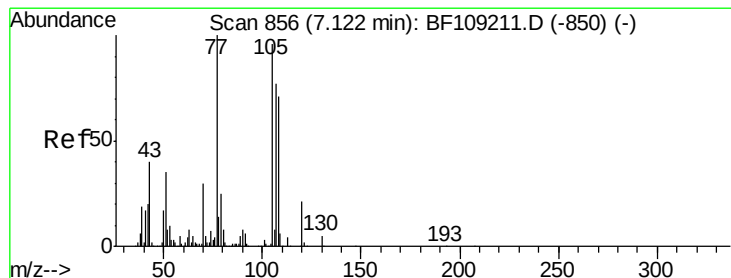
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 26.043 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109262.D
Acq: 24 Sep 2018 12:57

Tgt Ion:	107	Resp:	194668
Ion	Ratio	Lower	Upper
107	100		
108	92.6	68.2	108.2
77	84.5	26.7	66.7#
79	32.2	6.3	46.3



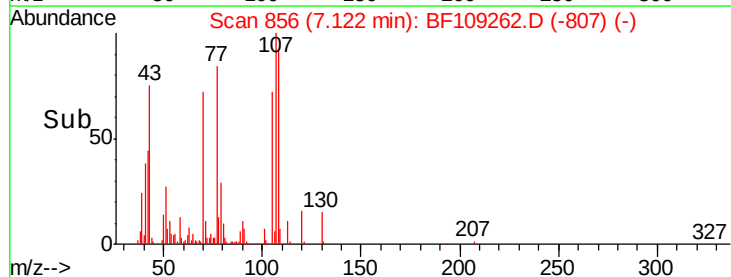
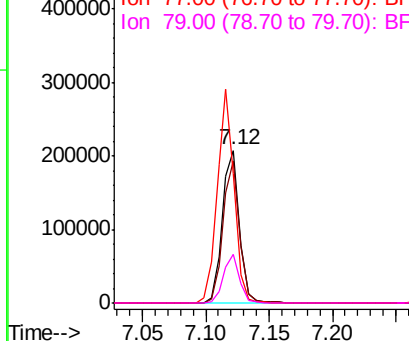
Abundance

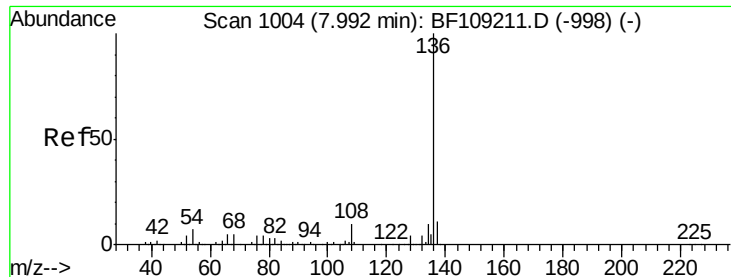
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109262.D

Acq: 24 Sep 2018 12:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 450662

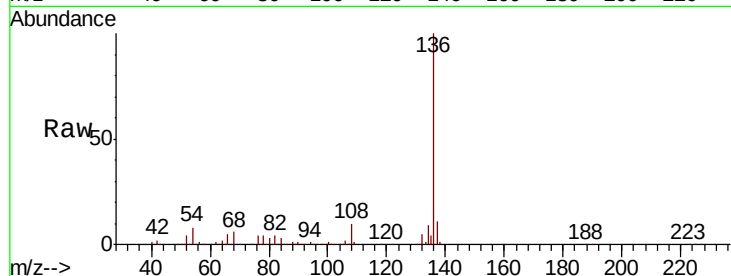
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.8 6.6 9.8

68 5.7 5.0 7.4

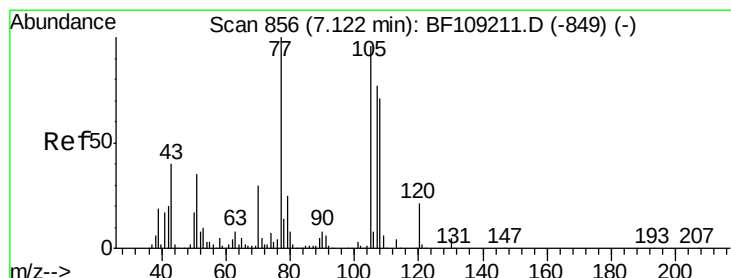
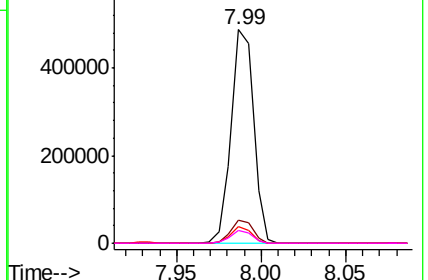
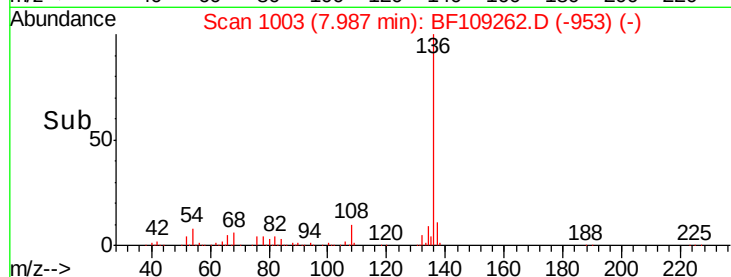


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 25.382 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF109262.D

Acq: 24 Sep 2018 12:57

Tgt Ion:105 Resp: 264461

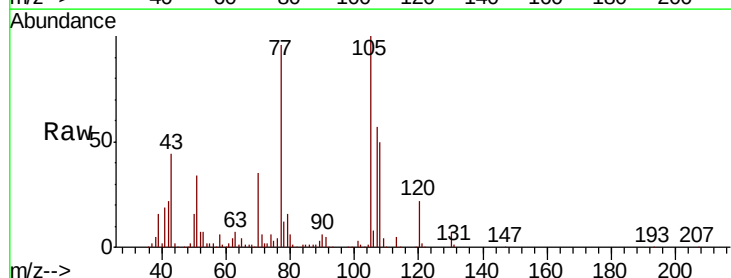
Ion Ratio Lower Upper

105 100

71 5.9 4.4 6.6

51 33.6 22.3 33.5#

120 21.8 16.9 25.3

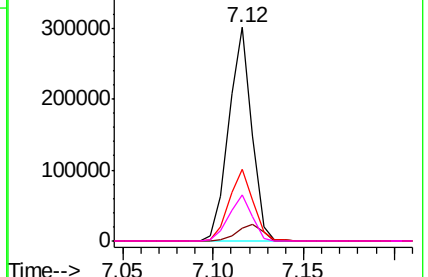
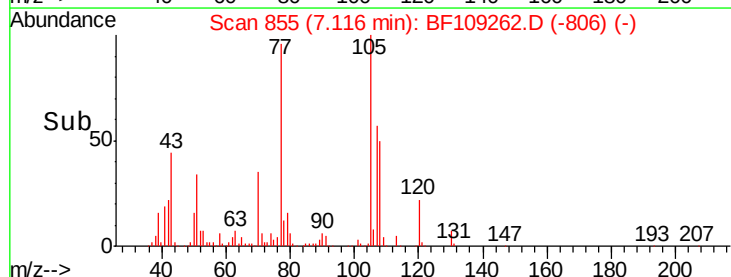


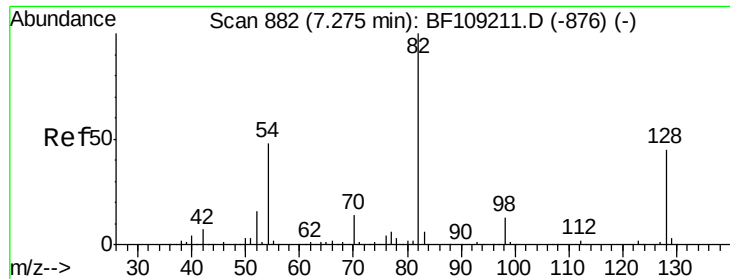
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

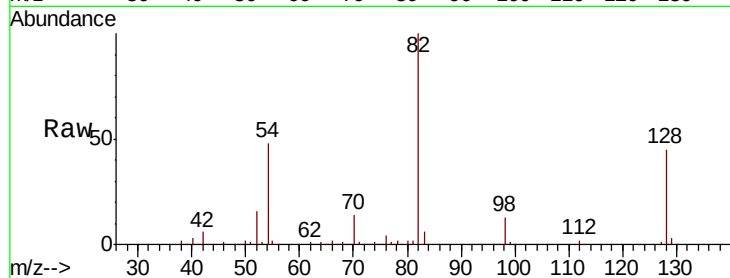




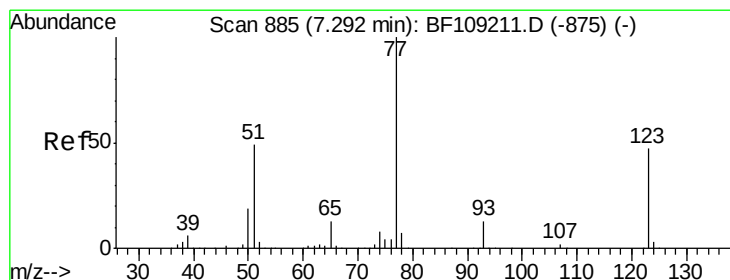
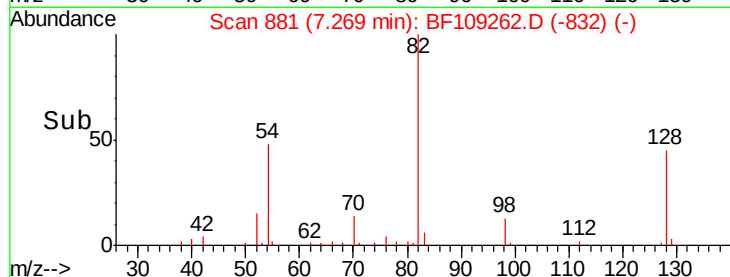
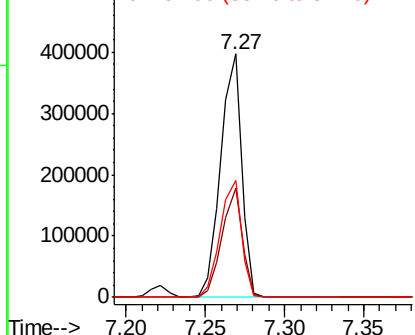
#23
 Nitrobenzene-d5
 Concen: 48.011 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109262.D
 Acq: 24 Sep 2018 12:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	366532
Ion Ratio	100	Lower	Upper
128	44.7	36.1	54.1
54	48.0	41.4	62.2

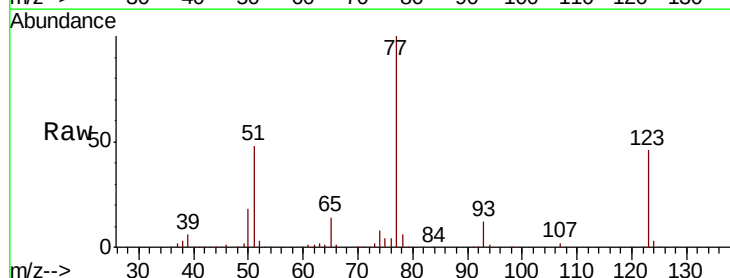


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

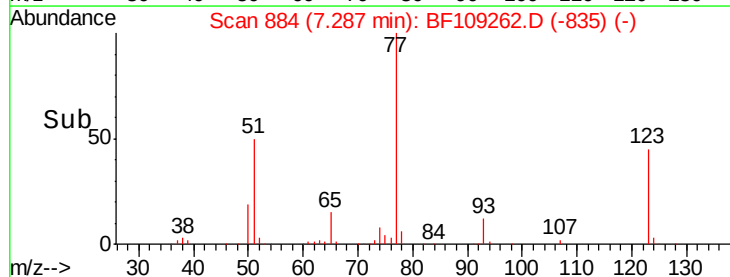
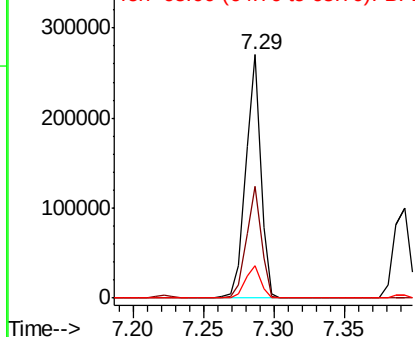


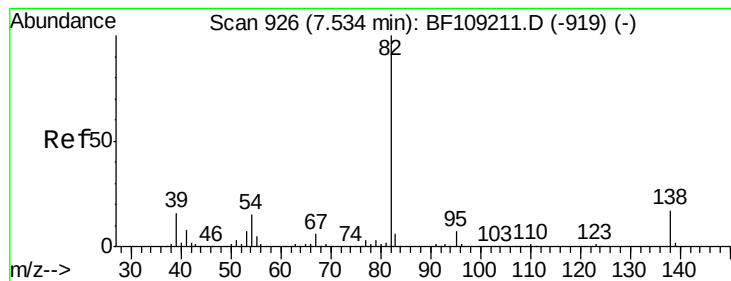
#24
 Nitrobenzene
 Concen: 24.793 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF109262.D
 Acq: 24 Sep 2018 12:57

Tgt Ion	77	Resp	201254
Ion Ratio	100	Lower	Upper
123	45.8	37.9	56.9
65	13.6	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: 27.070 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF109262.D

Acq: 24 Sep 2018 12:57

Instrument :

BNA_F

ClientSampled :

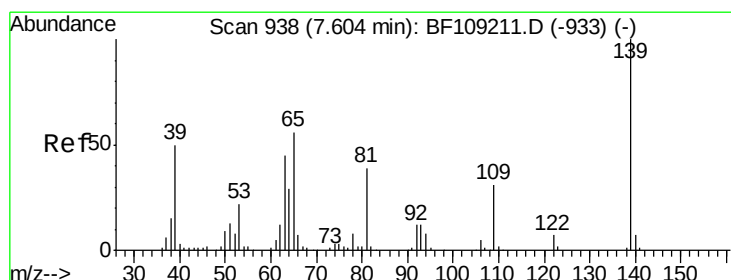
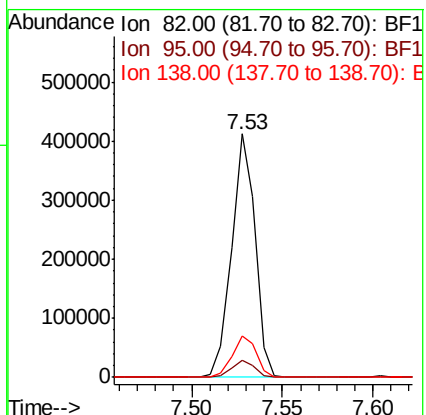
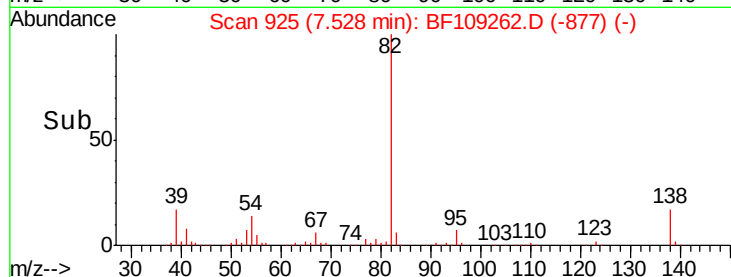
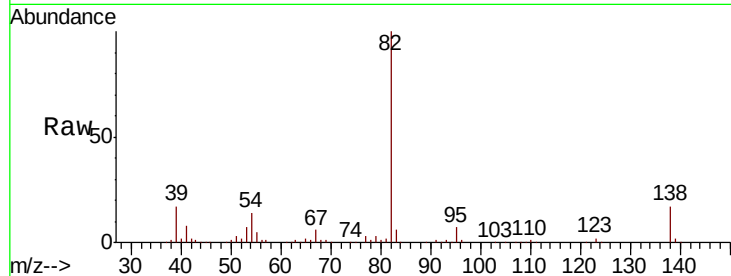
Tot Ion: 82 Resp: 372143

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

138 17.2 14.9 22.3



#26

2-Nitrophenol

Concen: 27.924 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF109262.D

Acq: 24 Sep 2018 12:57

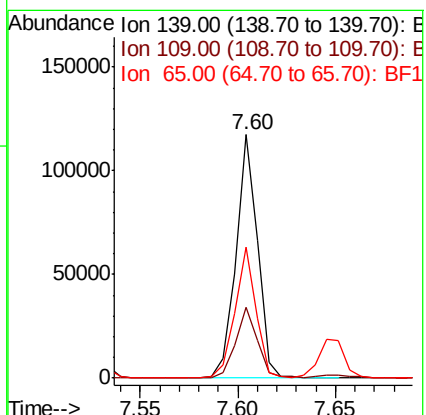
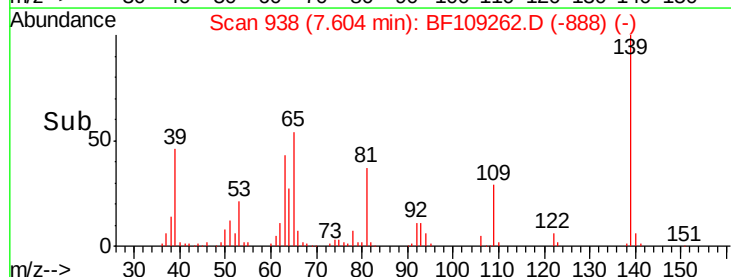
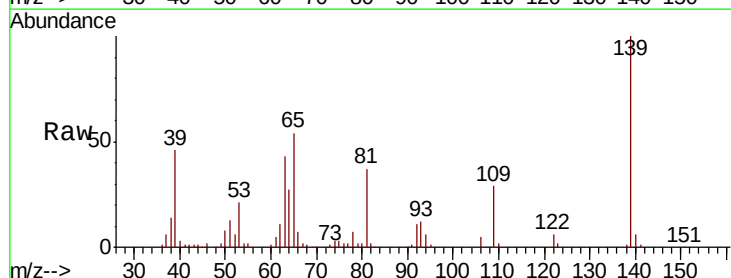
Tgt Ion: 139 Resp: 89640

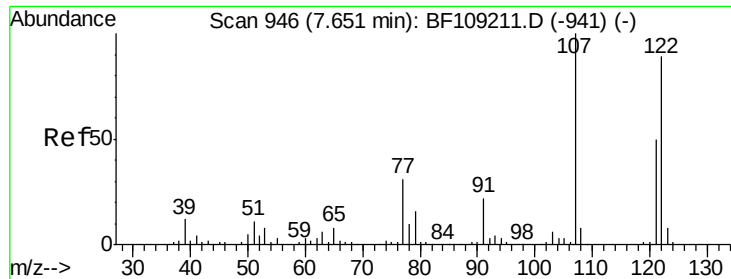
Ion Ratio Lower Upper

139 100

109 29.1 22.7 34.1

65 53.9 40.5 60.7

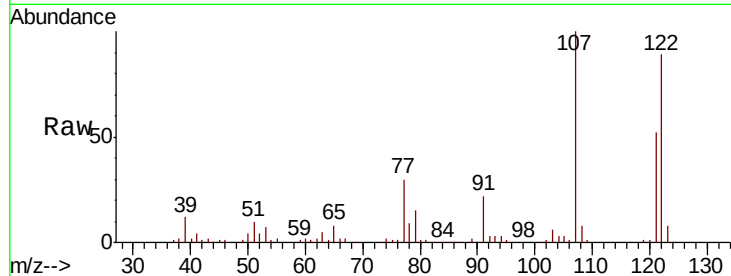




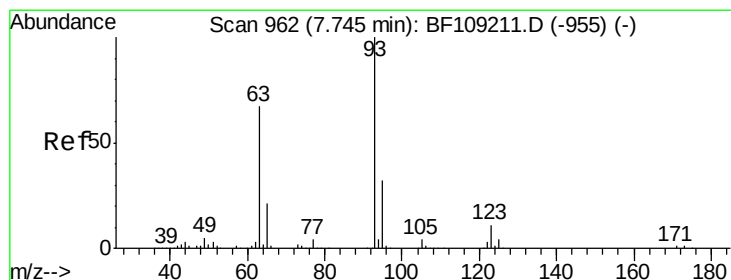
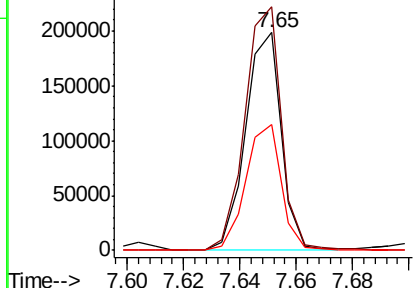
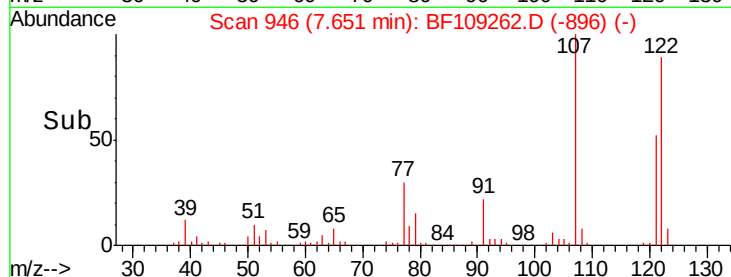
#27
 2,4-Dimethylphenol
 Concen: 29.174 ng
 RT: 7.65 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: BF109262.D
 Acq: 24 Sep 2018 12:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 174752
 Ion Ratio Lower Upper
 122 100
 107 111.9 91.2 136.8
 121 58.1 47.2 70.8

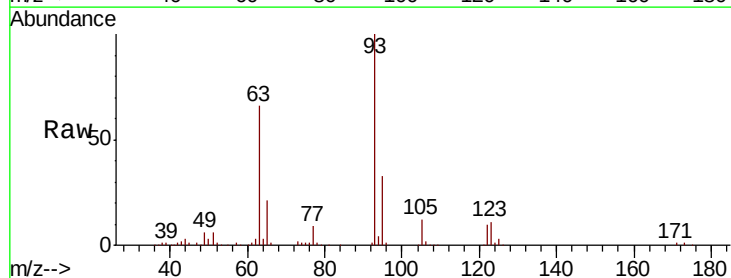


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

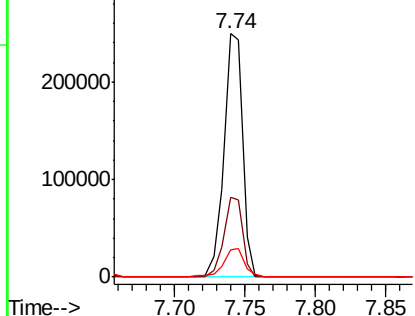
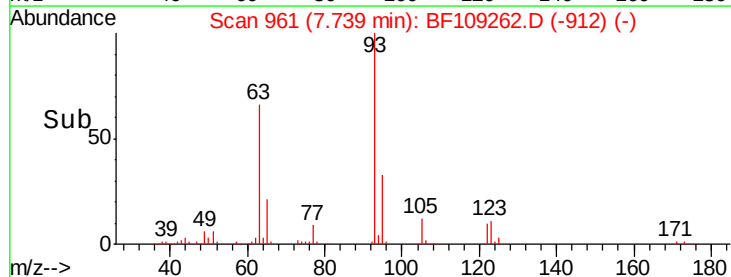


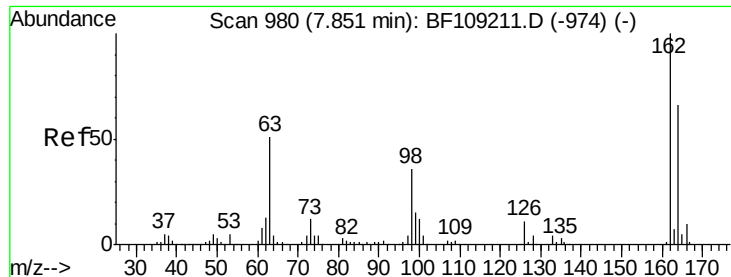
#28
 bis(2-Chloroethoxy)methane
 Concen: 25.305 ng
 RT: 7.74 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BF109262.D
 Acq: 24 Sep 2018 12:57

Tgt Ion: 93 Resp: 230278
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.3 39.5
 123 11.3 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

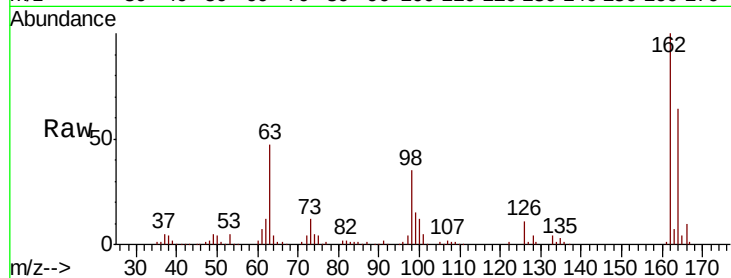




#29
 2,4-Dichlorophenol
 Concen: 26.095 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF109262.D
 Acq: 24 Sep 2018 12:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	42.7	82.7
98	34.7	18.1	58.1

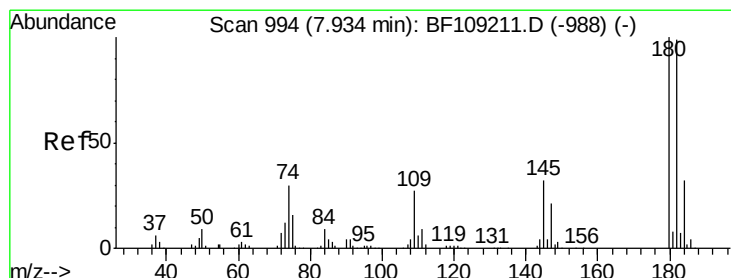
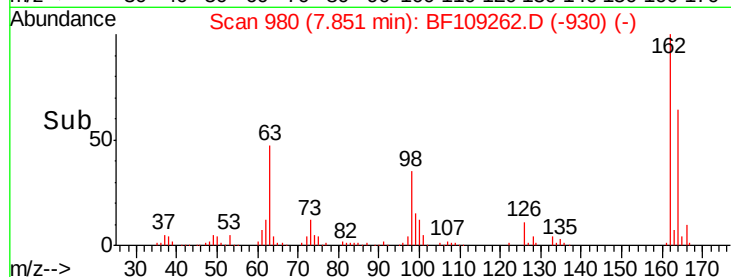
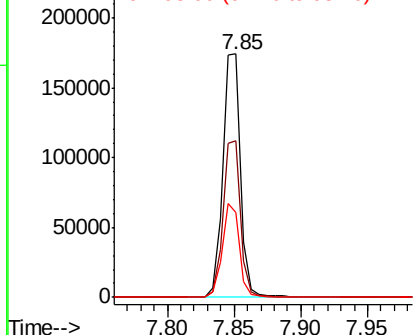


Abundance

Ion 162.00 (161.70 to 162.70): E

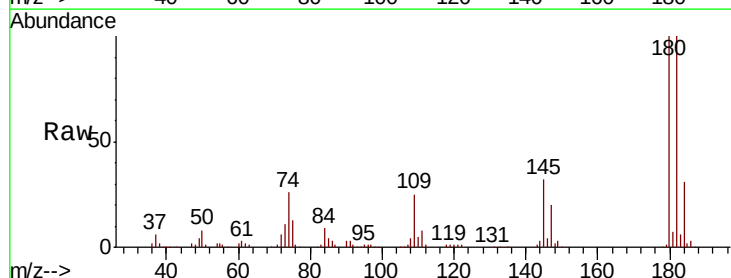
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 23.854 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF109262.D
 Acq: 24 Sep 2018 12:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.1	76.8	115.2
145	32.1	26.5	39.7

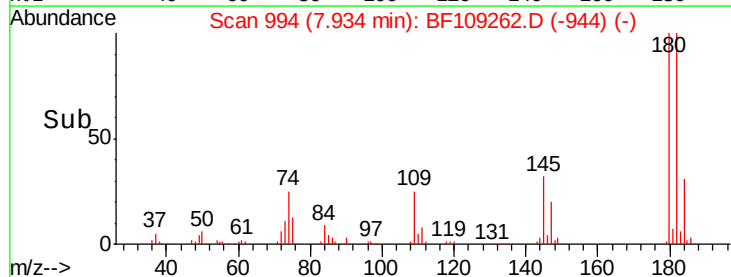
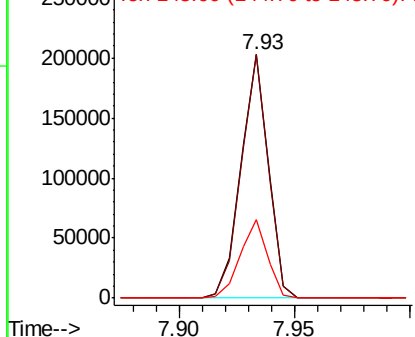


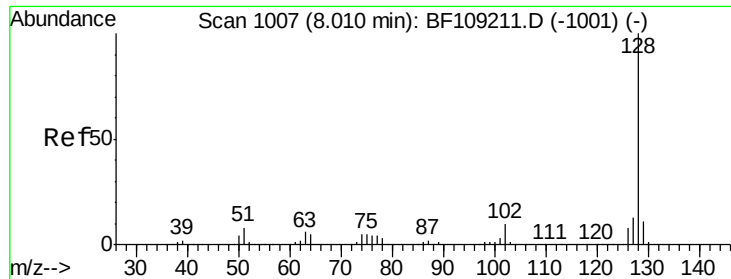
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

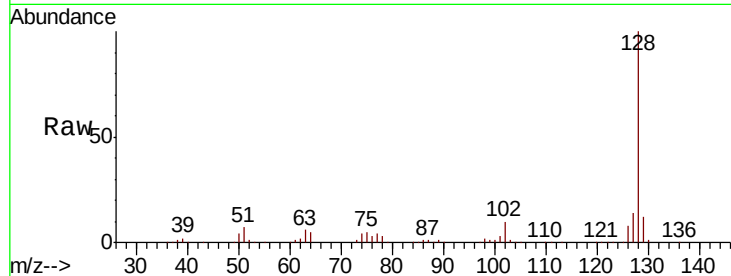




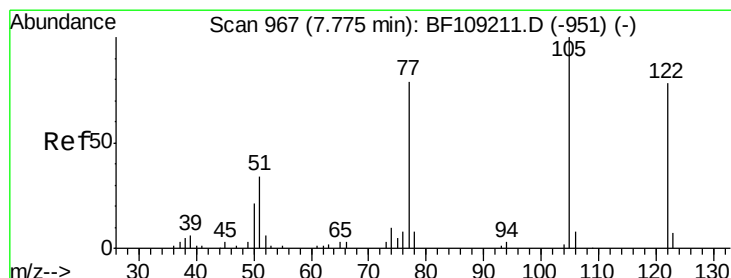
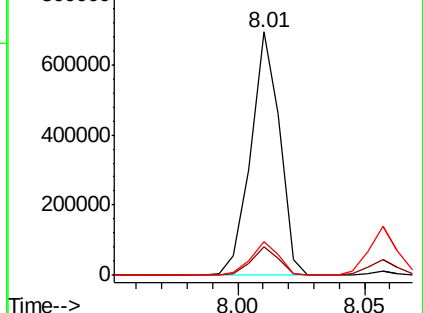
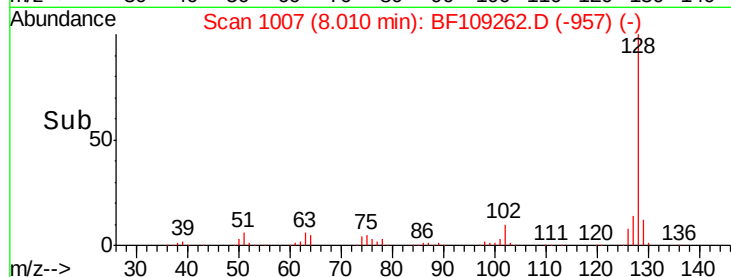
#31
Naphthalene
Concen: 26.214 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF109262.D
Acq: 24 Sep 2018 12:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 552044
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 13.7 10.9 16.3

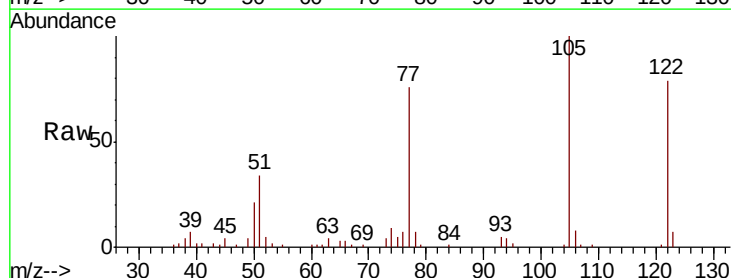


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

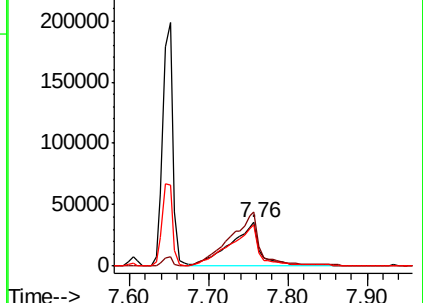
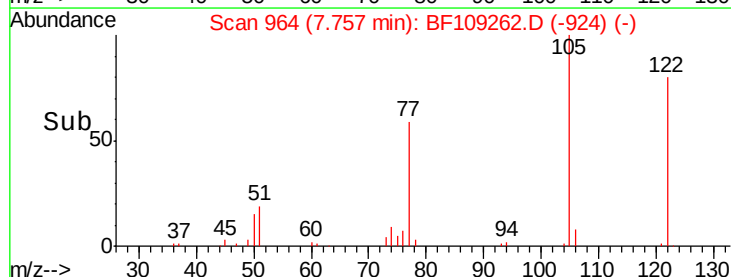


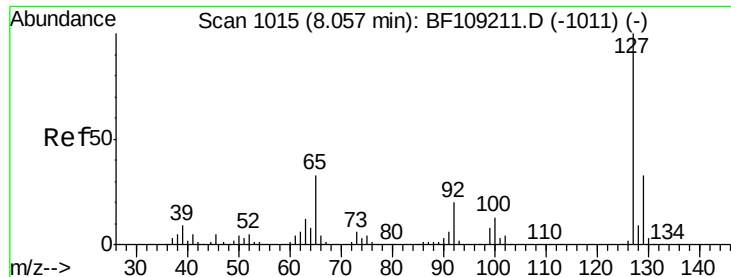
#32
Benzoic acid
Concen: 26.144 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.06 min
Lab File: BF109262.D
Acq: 24 Sep 2018 12:57

Tgt Ion:122 Resp: 91745
Ion Ratio Lower Upper
122 100
105 125.9 101.1 141.1
77 95.1 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

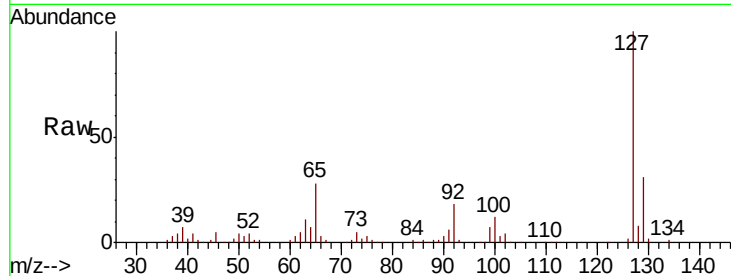




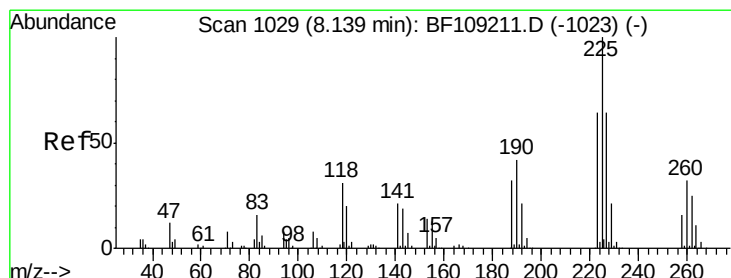
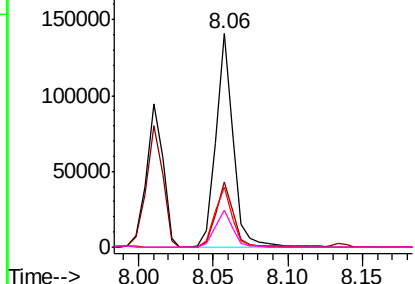
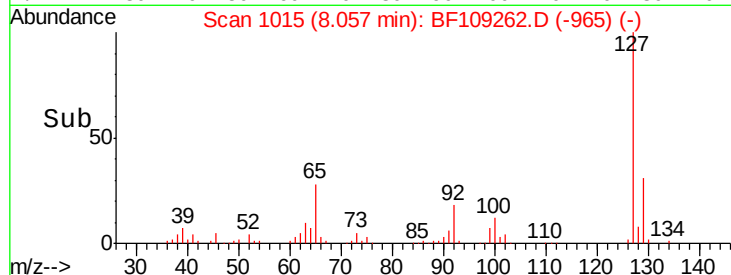
#33
4-Chloroaniline
Concen: 12.434 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF109262.D
Acq: 24 Sep 2018 12:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	114391
Ion Ratio	Lower	Upper
127	100	
129	30.7	25.9 38.9
65	28.1	25.0 37.4
92	17.7	15.2 22.8

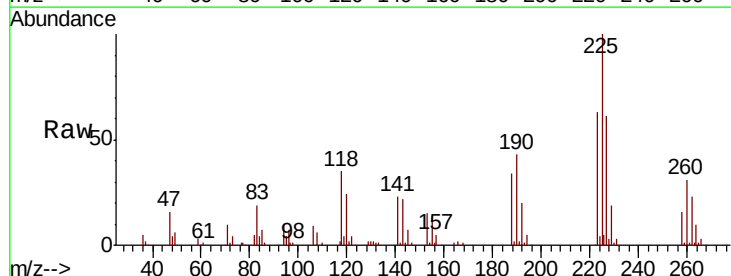


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

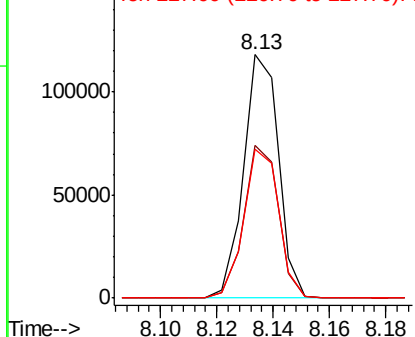
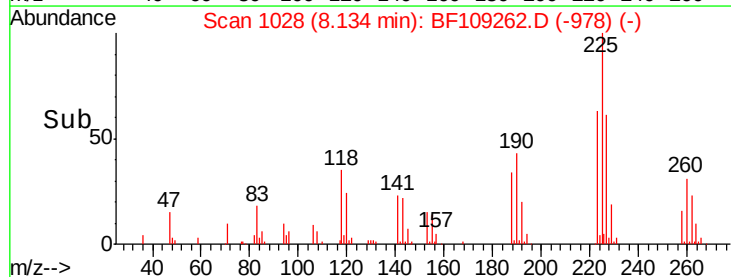


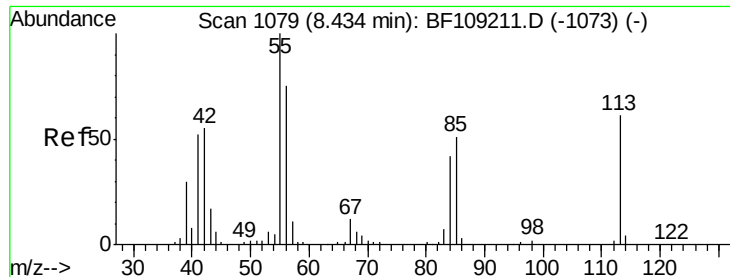
#34
Hexachlorobutadiene
Concen: 23.890 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF109262.D
Acq: 24 Sep 2018 12:57

Tgt Ion:225	Resp:	101283
Ion Ratio	Lower	Upper
225	100	
223	63.0	50.6 76.0
227	61.4	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: 19.738 ng

RT: 8.42 min Scan# 1076

Delta R.T. -0.05 min

Lab File: BF109262.D

Acq: 24 Sep 2018 12:57

Instrument :

BNA_F

ClientSampled :

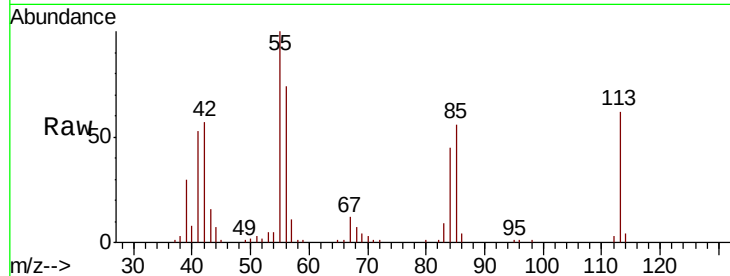
Tot Ion:113 Resp: 39660

Ion Ratio Lower Upper

113 100

55 161.0 163.3 203.3#

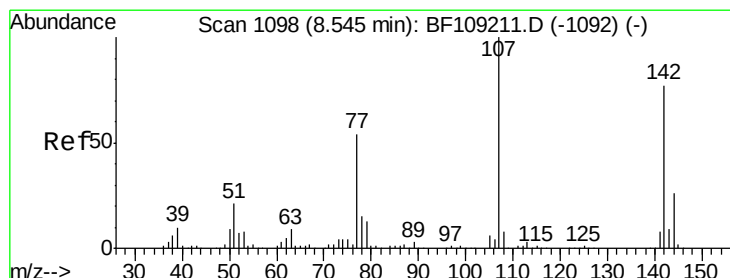
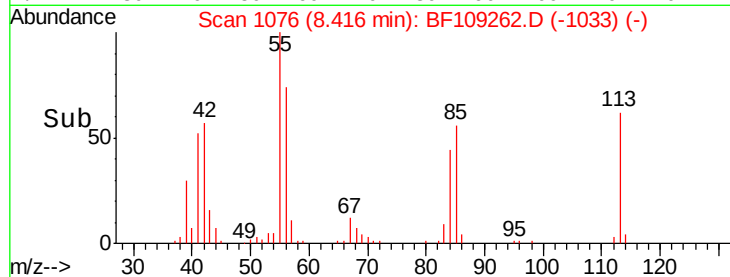
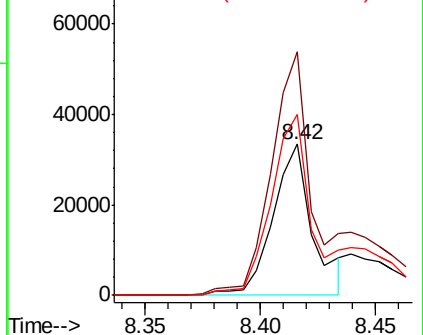
56 119.8 115.7 155.7



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: 26.390 ng

RT: 8.55 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF109262.D

Acq: 24 Sep 2018 12:57

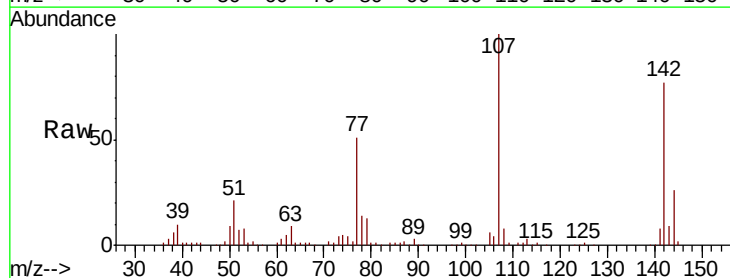
Tgt Ion:107 Resp: 174769

Ion Ratio Lower Upper

107 100

144 25.9 20.5 30.7

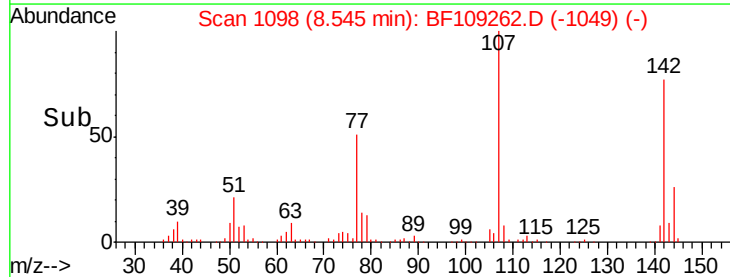
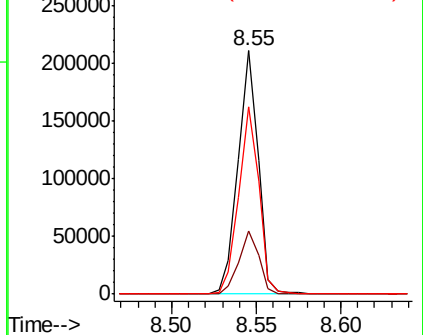
142 76.8 62.0 93.0

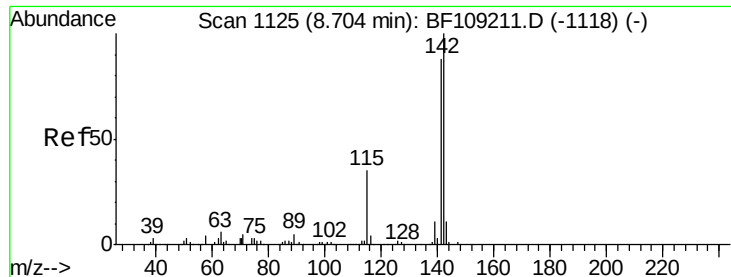


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

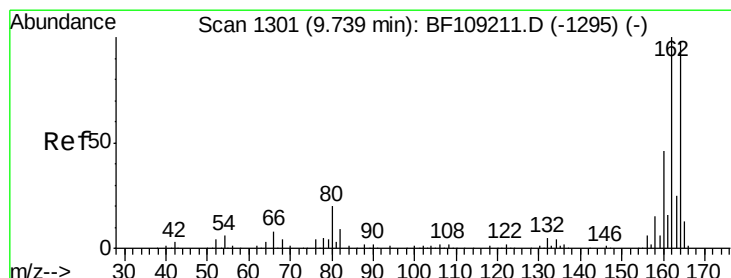
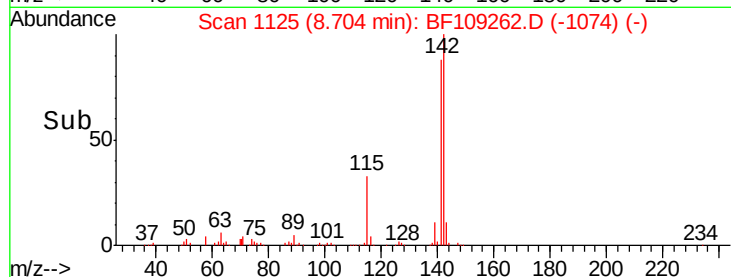
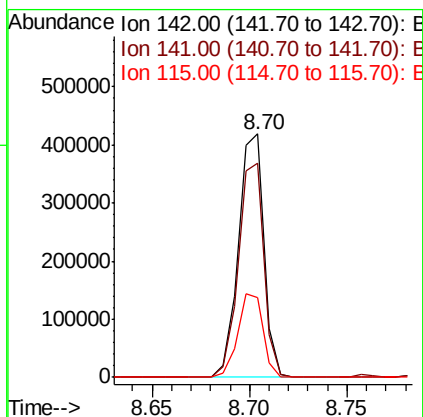
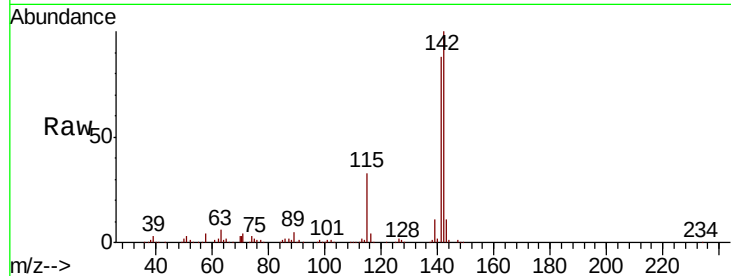




#37
2-Methylnaphthalene
Concen: 27.917 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF109262.D
Acq: 24 Sep 2018 12:57

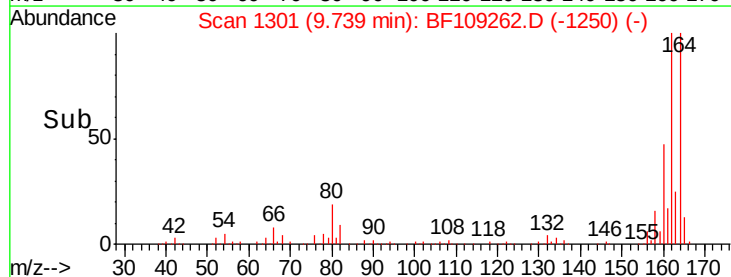
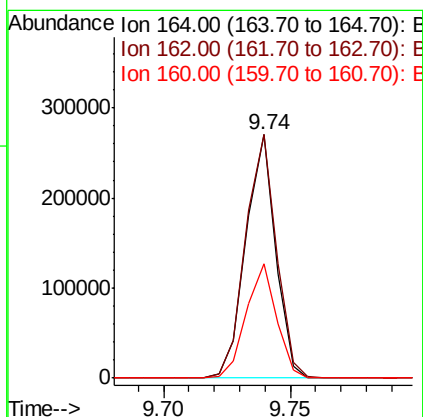
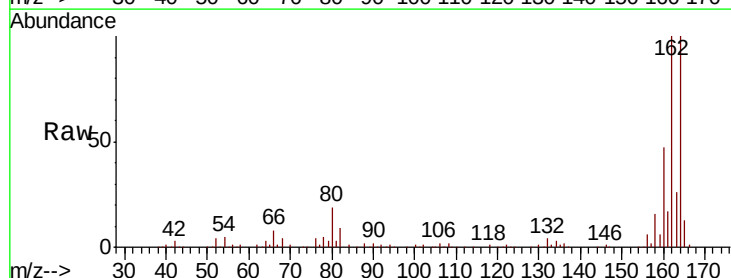
Instrument :
BNA_F
ClientSampleId :

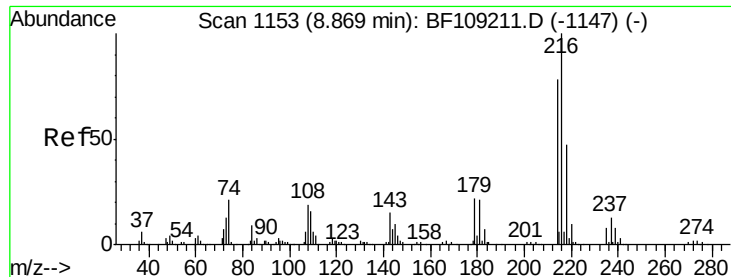
Tot Ion:142 Resp: 378993
Ion Ratio Lower Upper
142 100
141 88.0 70.8 106.2
115 32.7 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109262.D
Acq: 24 Sep 2018 12:57

Tgt Ion:164 Resp: 220538
Ion Ratio Lower Upper
164 100
162 100.1 86.1 129.1
160 46.8 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 24.249 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF109262.D

Acq: 24 Sep 2018 12:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 170195

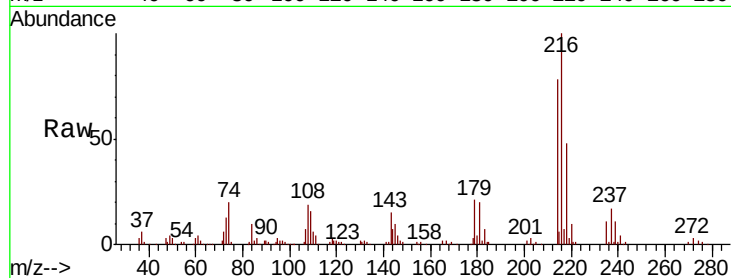
Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.4

179 20.5 18.1 27.1

108 19.5 17.2 25.8

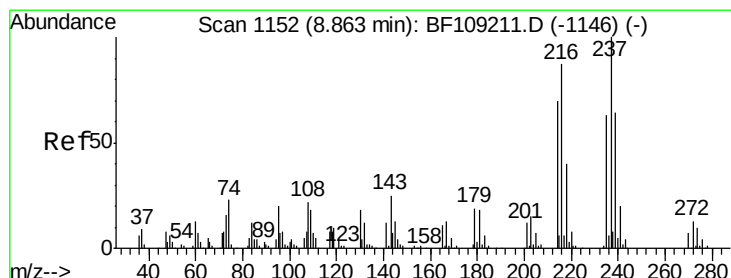
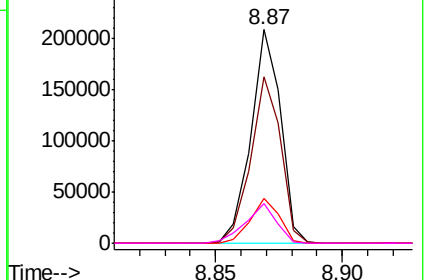
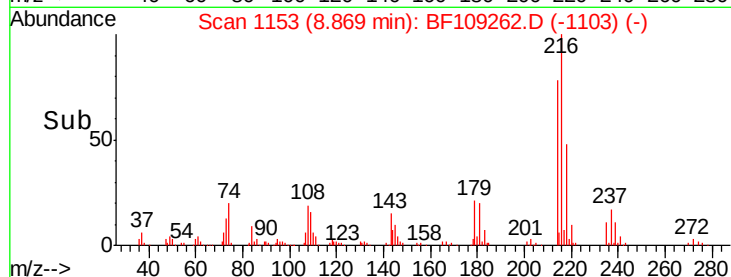


Abundance Ion 216.00 (215.70 to 216.70): E

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: 39.727 ng

RT: 8.86 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BF109262.D

Acq: 24 Sep 2018 12:57

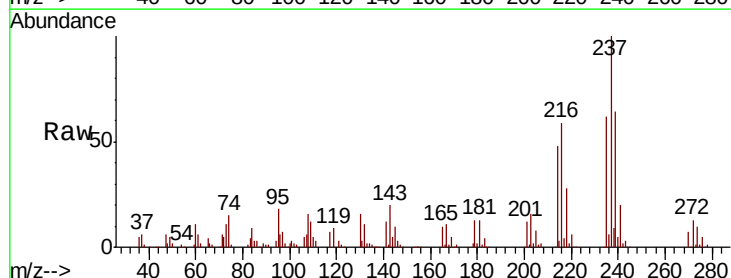
Tgt Ion:237 Resp: 121618

Ion Ratio Lower Upper

237 100

235 61.8 44.8 84.8

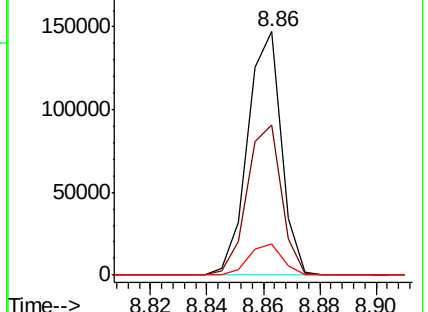
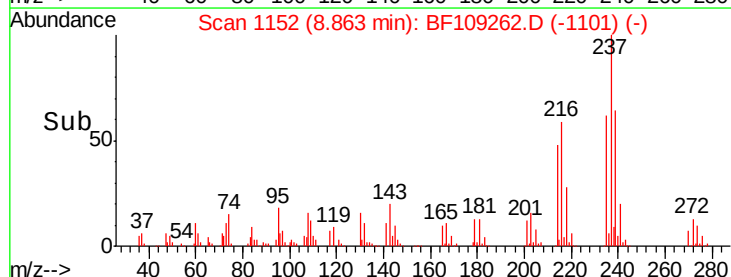
272 13.0 0.0 33.3

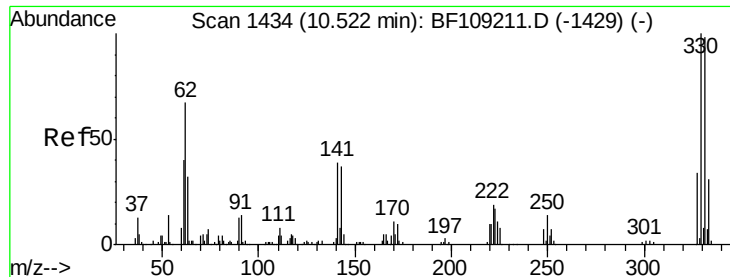


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

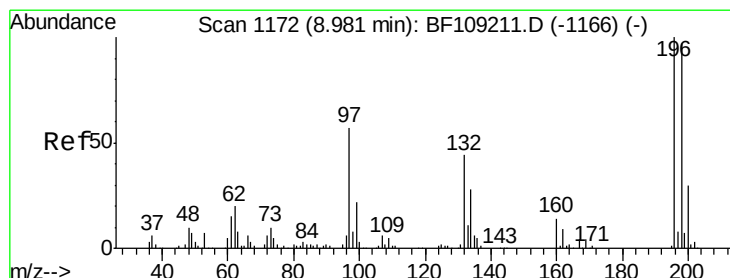
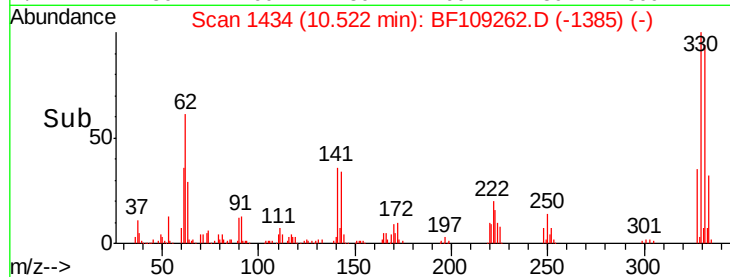
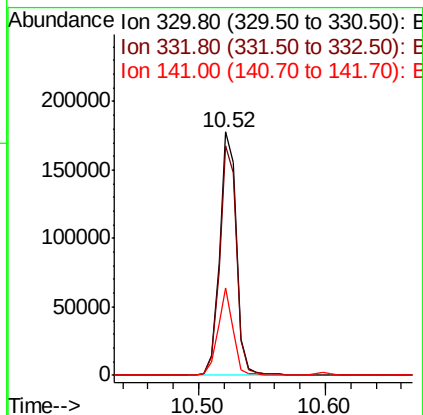
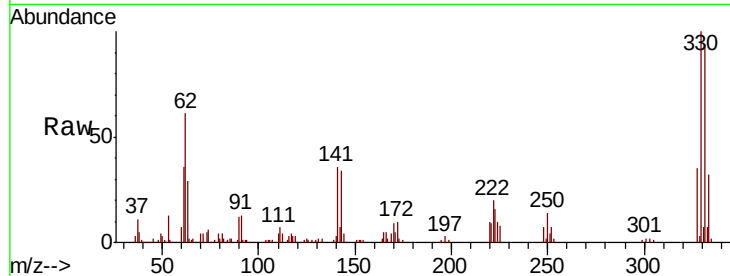




#41
 2,4,6-Tribromophenol
 Concen: 76.163 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109262.D
 Acq: 24 Sep 2018 12:57

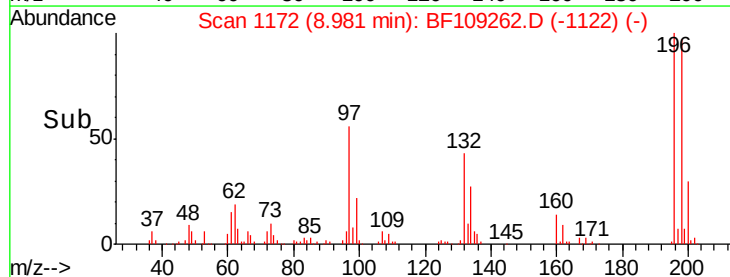
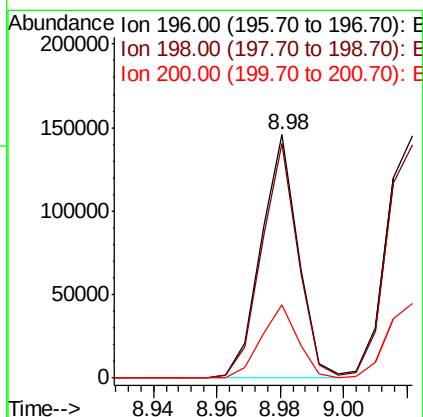
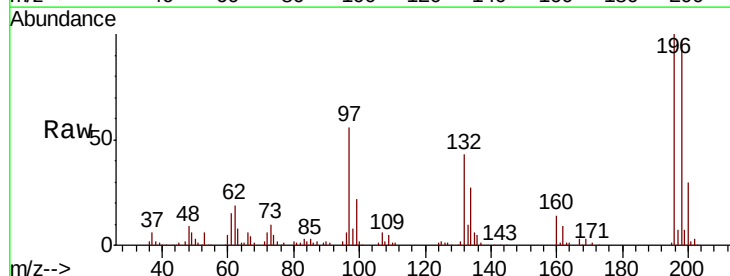
Instrument :
 BNA_F
 ClientSampleId :

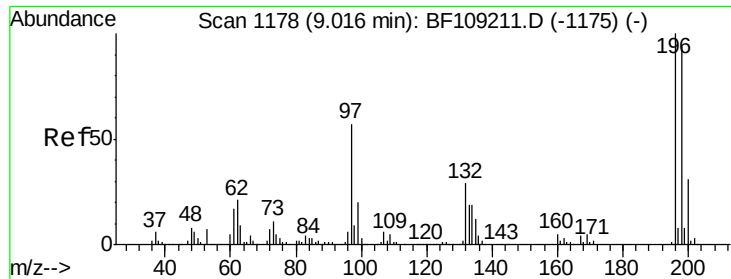
Tot Ion:330 Resp: 165582
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.0 115.6
 141 32.6 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 26.222 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF109262.D
 Acq: 24 Sep 2018 12:57

Tgt Ion:196 Resp: 118119
 Ion Ratio Lower Upper
 196 100
 198 96.6 75.7 113.5
 200 30.1 24.5 36.7

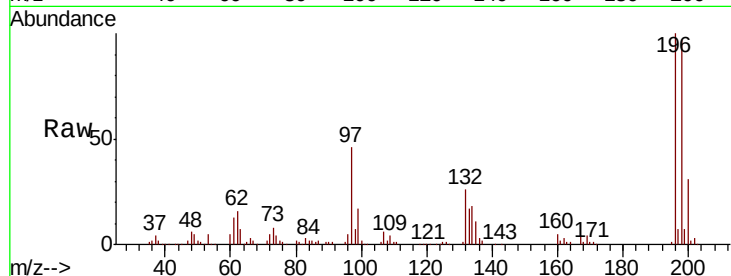




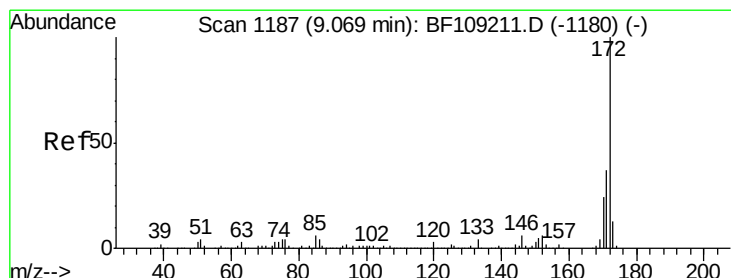
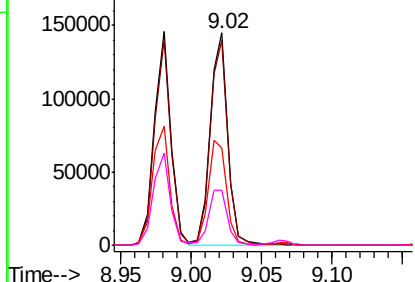
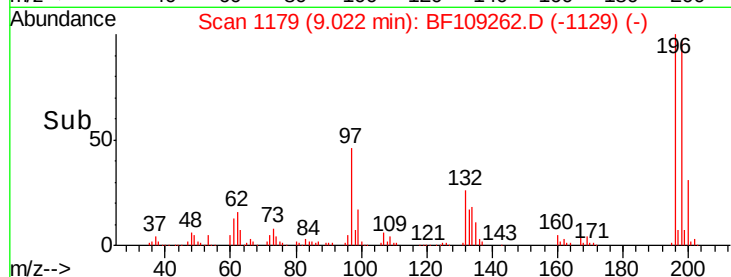
#43
 2,4,5-Trichlorophenol
 Concen: 26.391 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF109262.D
 Acq: 24 Sep 2018 12:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	196	Resp:	125556
Ion	Ratio	Lower	Upper
196	100		
198	96.5	74.6	112.0
97	45.6	42.9	64.3
132	25.8	26.3	39.5#

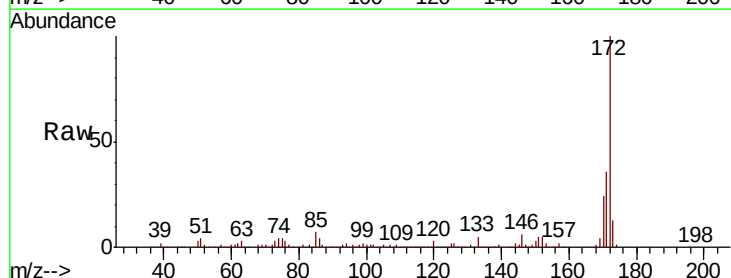


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

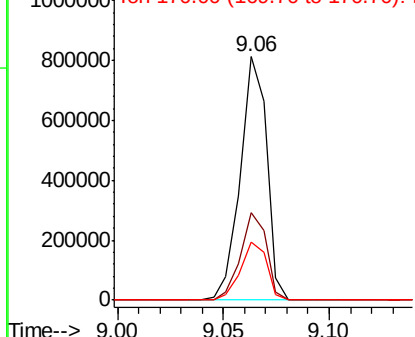
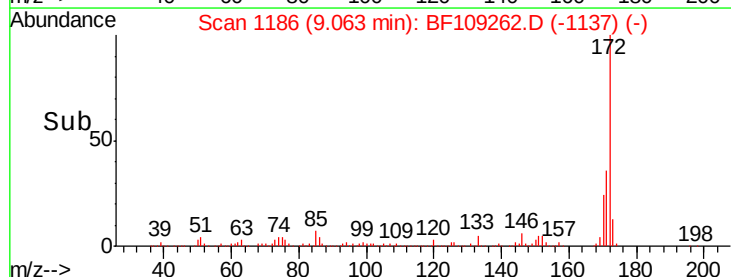


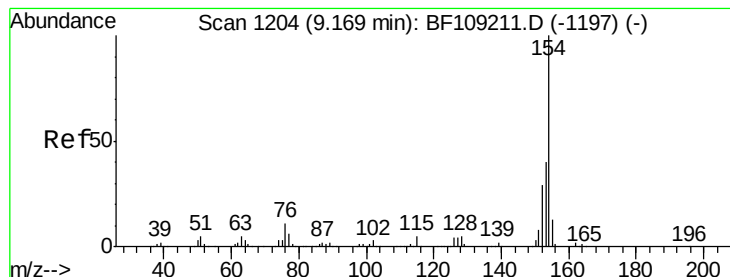
#44
 2-Fluorobiphenyl
 Concen: 48.016 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109262.D
 Acq: 24 Sep 2018 12:57

Tgt Ion:	172	Resp:	702127
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.8	19.6	29.4



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





#45

1,1'-Biphenyl

Concen: 25.215 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF109262.D

Acq: 24 Sep 2018 12:57

Instrument :

BNA_F

ClientSampleId :

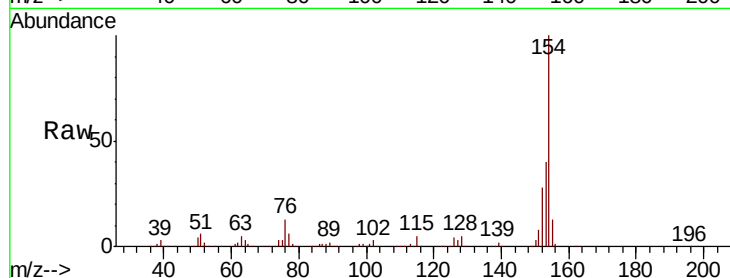
Tot Ion:154 Resp: 453073

Ion Ratio Lower Upper

154 100

153 39.7 21.3 61.3

76 12.8 0.0 34.0

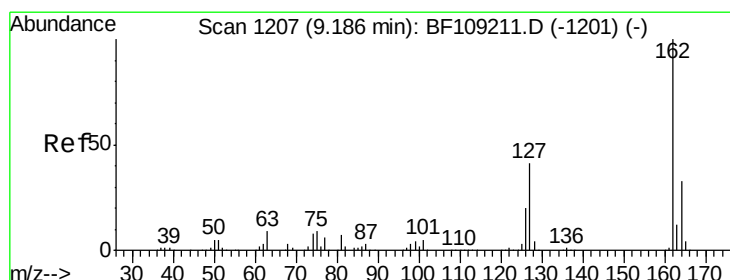
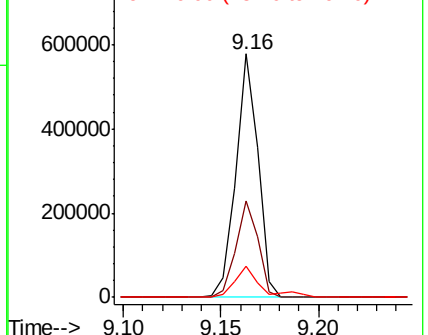
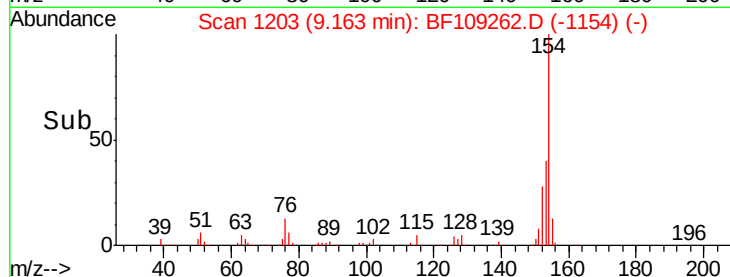


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 24.657 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF109262.D

Acq: 24 Sep 2018 12:57

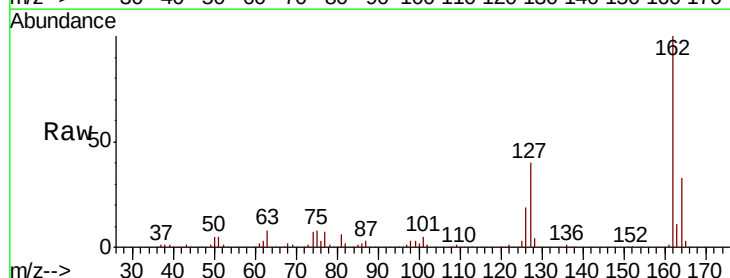
Tgt Ion:162 Resp: 353947

Ion Ratio Lower Upper

162 100

127 39.8 33.9 50.9

164 33.1 26.5 39.7

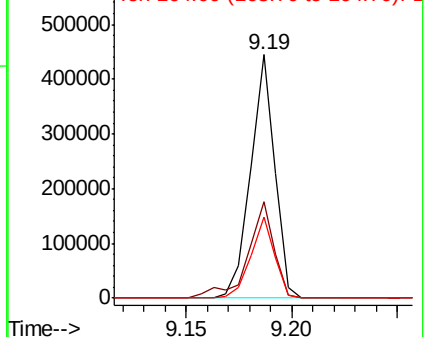
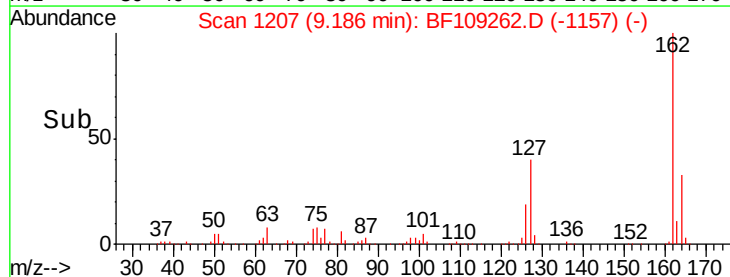


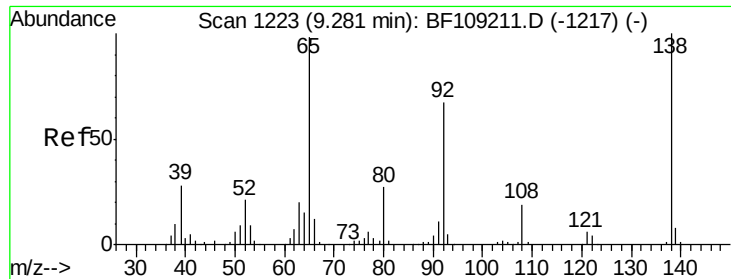
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

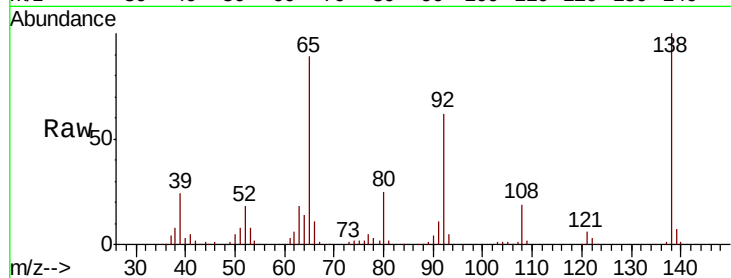




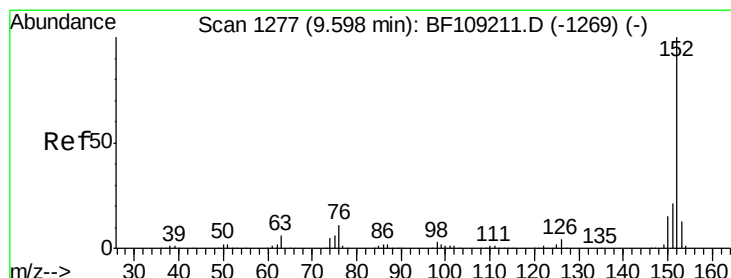
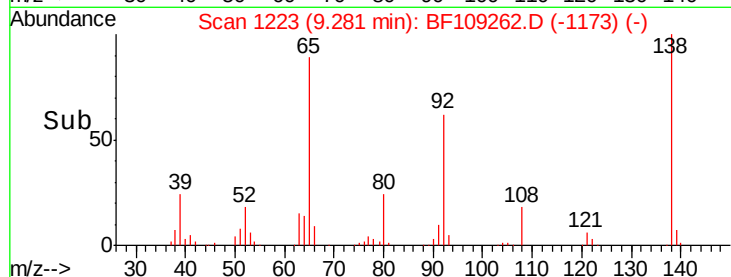
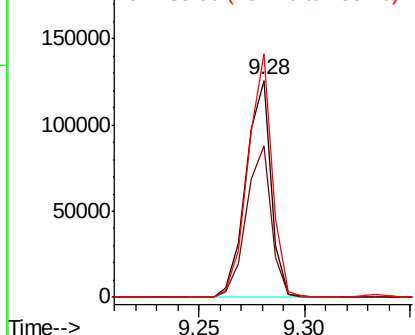
#47
2-Nitroaniline
Concen: 25.486 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF109262.D
Acq: 24 Sep 2018 12:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 103723
Ion Ratio Lower Upper
65 100
92 69.9 55.8 83.6
138 112.0 91.2 136.8

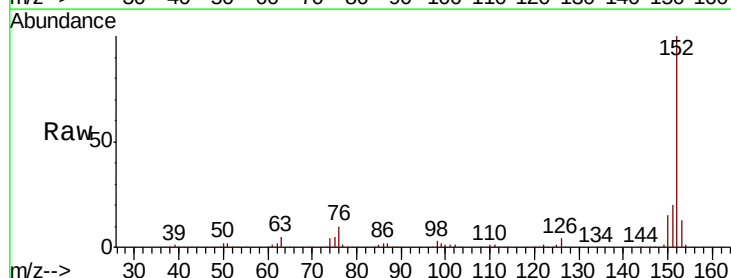


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

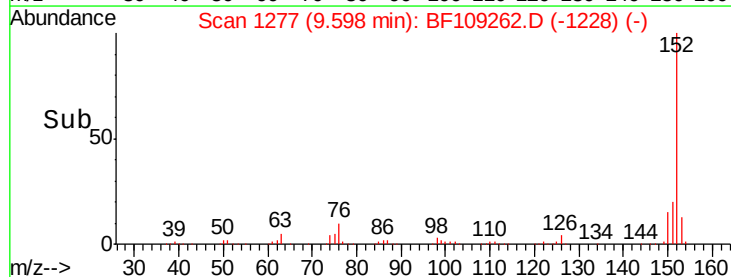
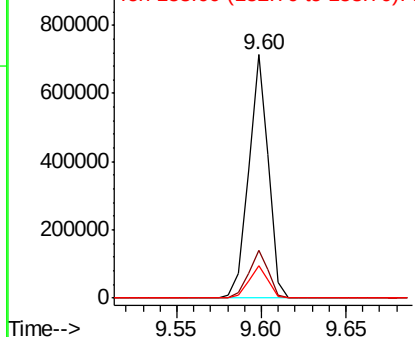


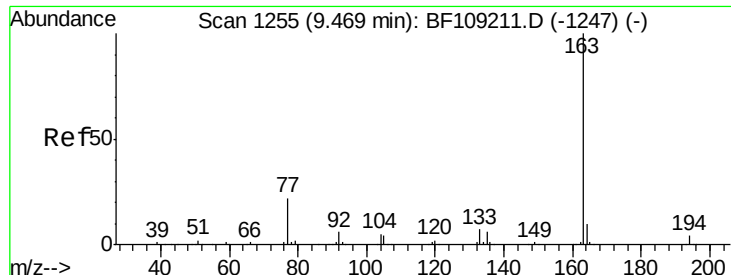
#48
Acenaphthylene
Concen: 26.759 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF109262.D
Acq: 24 Sep 2018 12:57

Tgt Ion: 152 Resp: 579479
Ion Ratio Lower Upper
152 100
151 19.8 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

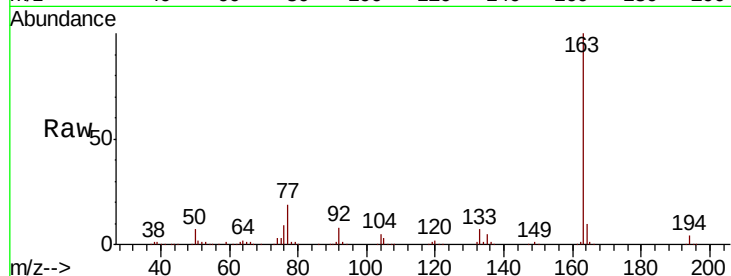




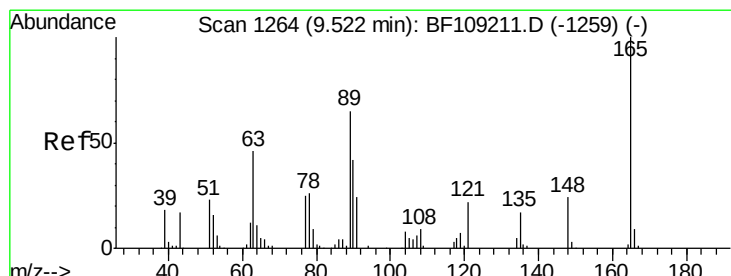
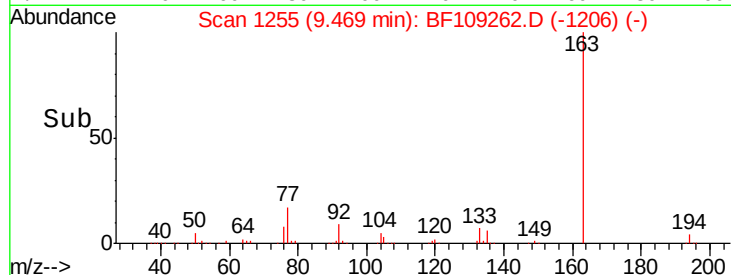
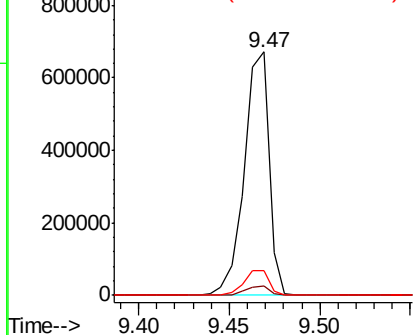
#49
Dimethylphthalate
Concen: 39.745 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF109262.D
Acq: 24 Sep 2018 12:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 637537
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.0 8.2 12.2

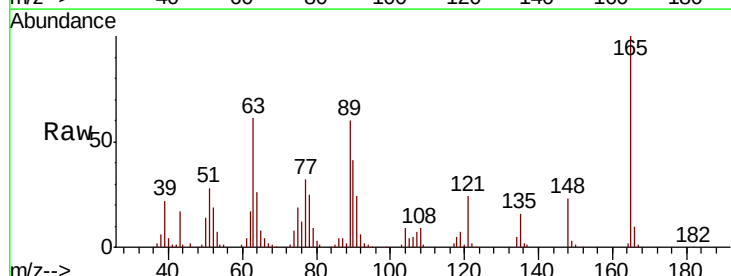


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

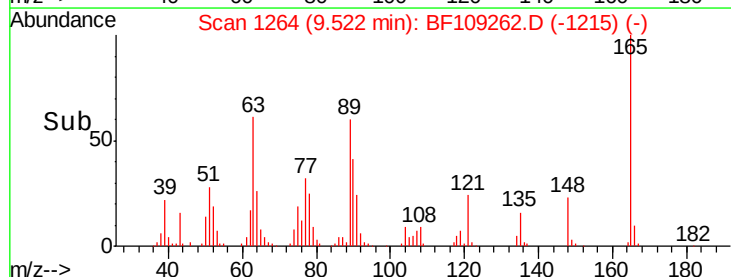
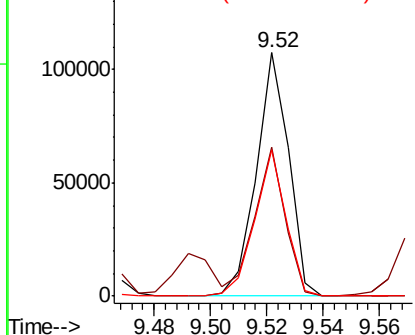


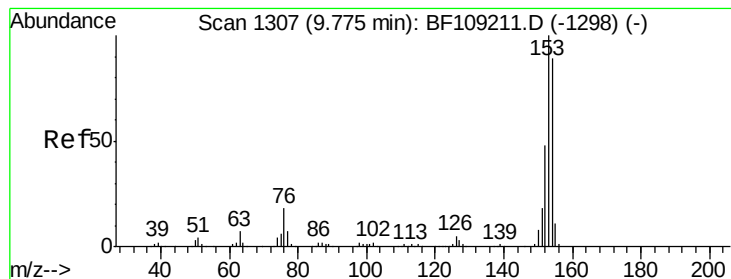
#50
2,6-Dinitrotoluene
Concen: 26.864 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF109262.D
Acq: 24 Sep 2018 12:57

Tgt Ion:165 Resp: 85344
Ion Ratio Lower Upper
165 100
63 60.9 44.7 67.1
89 60.3 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: 25.622 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF109262.D

Acq: 24 Sep 2018 12:57

Instrument :

BNA_F

ClientSampled :

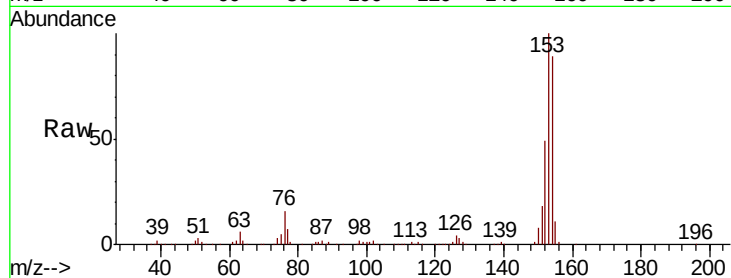
Tot Ion:154 Resp: 335459

Ion Ratio Lower Upper

154 100

153 111.9 91.2 136.8

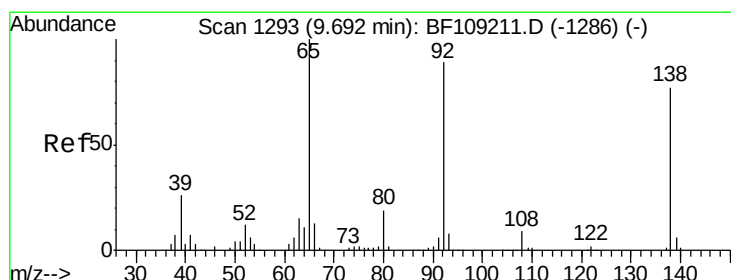
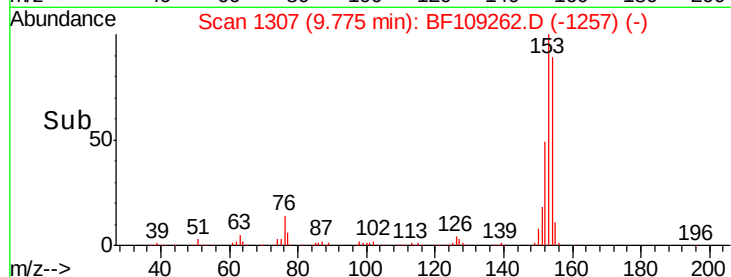
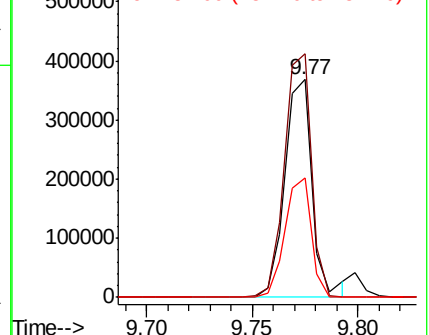
152 54.8 43.8 65.8



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: 19.164 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.02 min

Lab File: BF109262.D

Acq: 24 Sep 2018 12:57

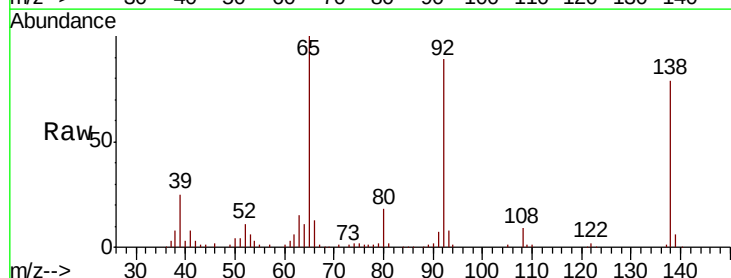
Tgt Ion:138 Resp: 70507

Ion Ratio Lower Upper

138 100

108 11.1 9.4 14.0

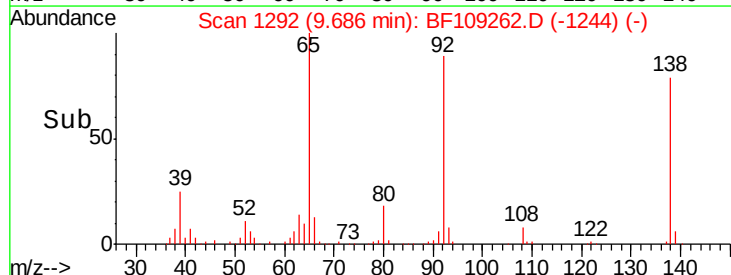
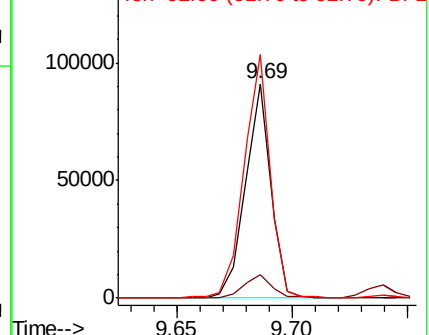
92 113.4 89.4 134.2

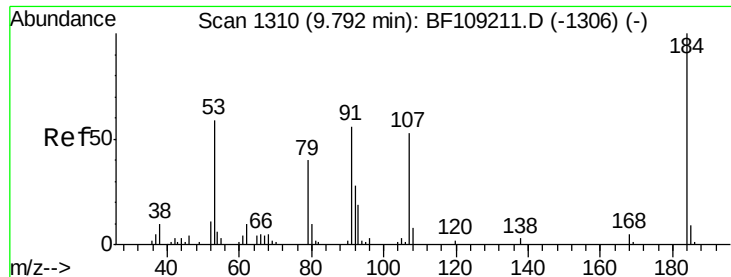


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

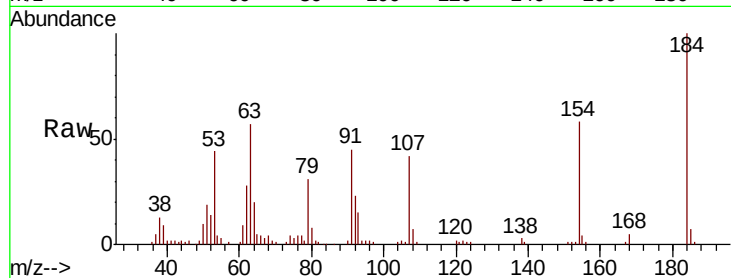




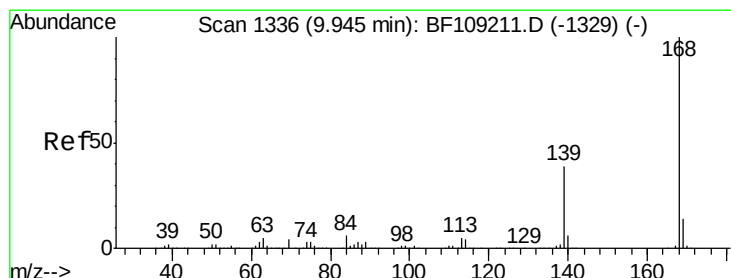
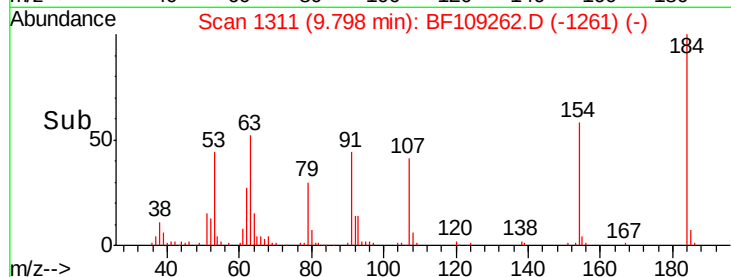
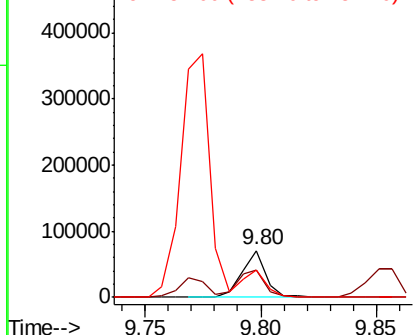
#53
2,4-Dinitrophenol
Concen: 49.692 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF109262.D
Acq: 24 Sep 2018 12:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 51919
Ion Ratio Lower Upper
184 100
63 57.4 54.2 81.2
154 58.4 184.0 276.0#

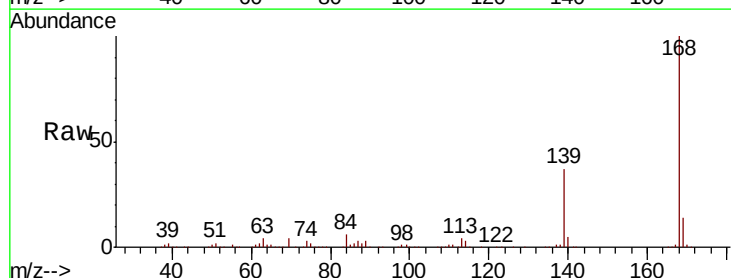


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

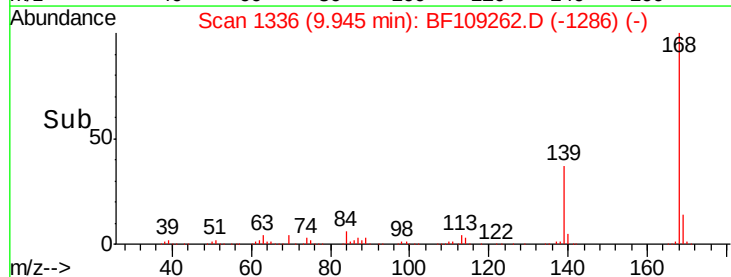
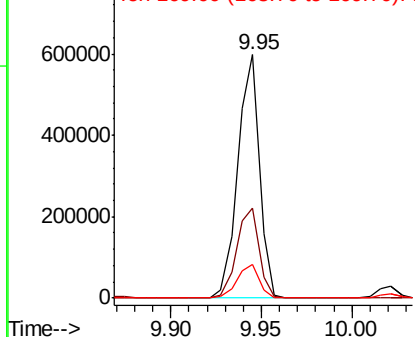


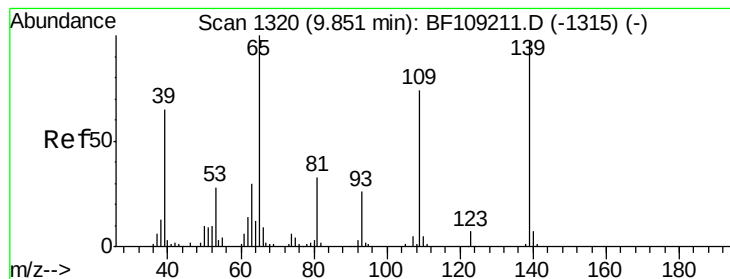
#54
Dibenzofuran
Concen: 25.500 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF109262.D
Acq: 24 Sep 2018 12:57

Tgt Ion:168 Resp: 496517
Ion Ratio Lower Upper
168 100
139 37.1 30.1 45.1
169 13.7 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: 52.153 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF109262.D

Acq: 24 Sep 2018 12:57

Instrument :

BNA_F

ClientSampleId :

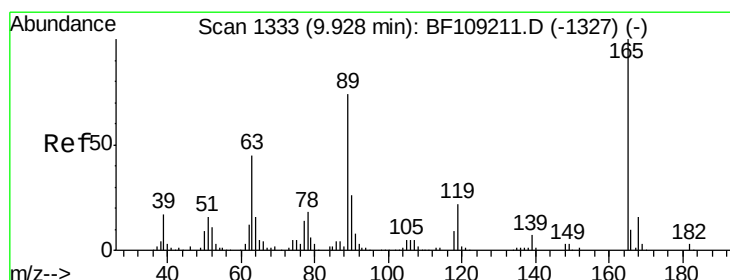
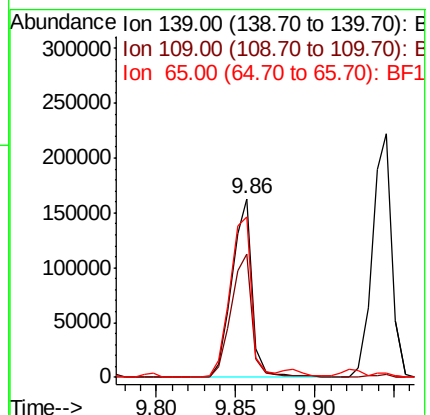
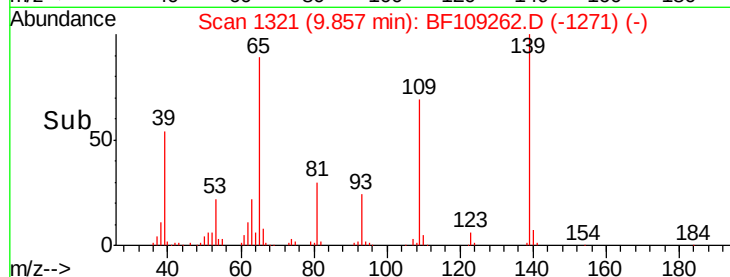
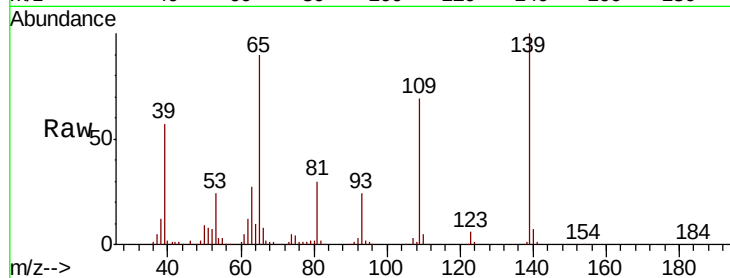
Tot Ion:139 Resp: 144540

Ion Ratio Lower Upper

139 100

109 69.0 48.4 88.4

65 89.8 72.6 112.6



#56

2,4-Dinitrotoluene

Concen: 28.380 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF109262.D

Acq: 24 Sep 2018 12:57

Tgt Ion:165 Resp: 114078

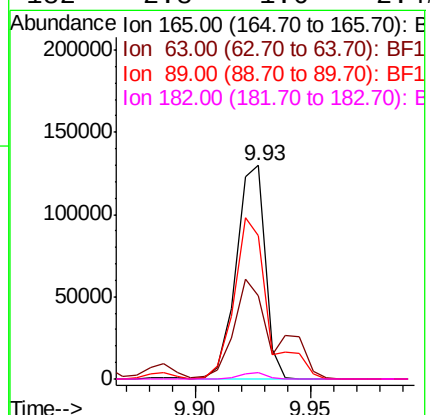
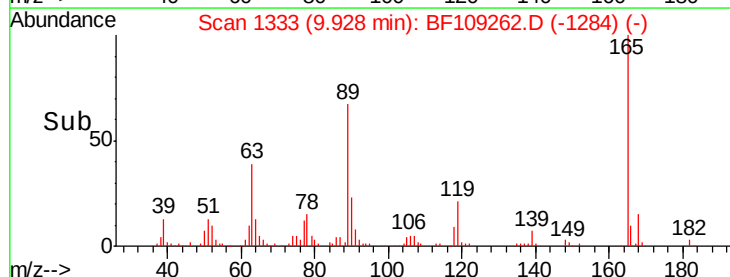
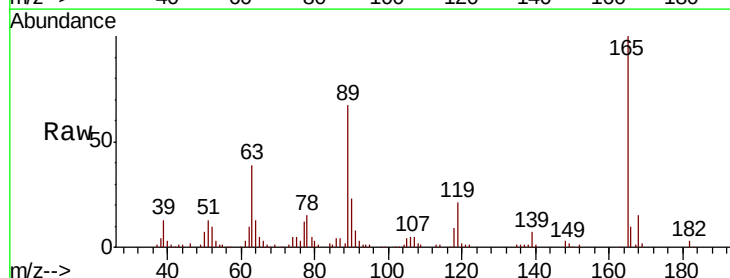
Ion Ratio Lower Upper

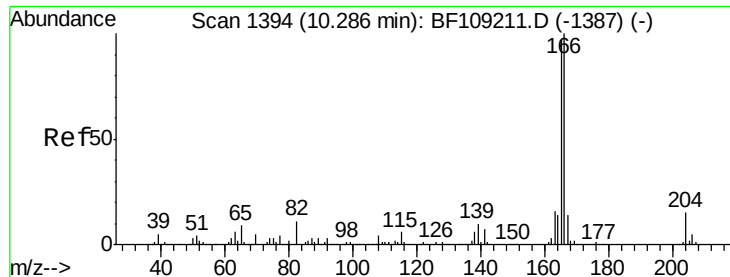
165 100

63 38.7 36.4 54.6

89 67.4 57.8 86.6

182 2.8 1.6 2.4#





#57

Fluorene

Concen: 27.298 ng

RT: 10.29 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BF109262.D

Acq: 24 Sep 2018 12:57

Instrument :

BNA_F

ClientSampled :

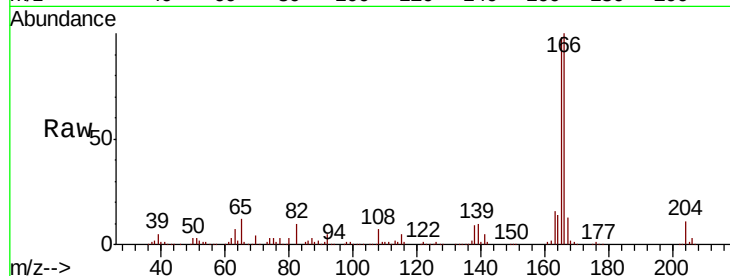
Tot Ion:166 Resp: 379241

Ion Ratio Lower Upper

166 100

165 98.4 79.8 119.8

167 13.5 10.6 16.0

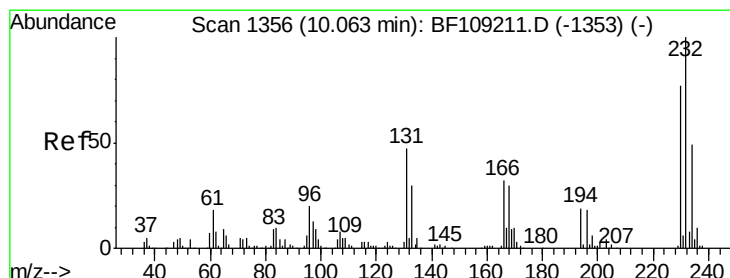
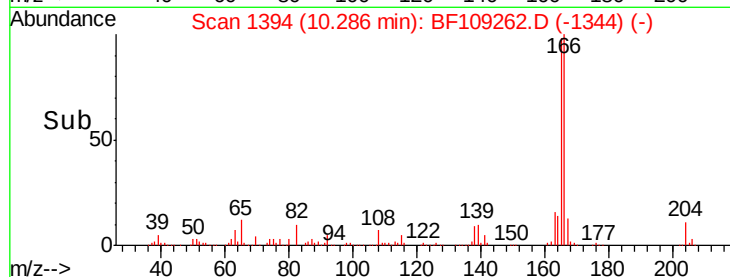
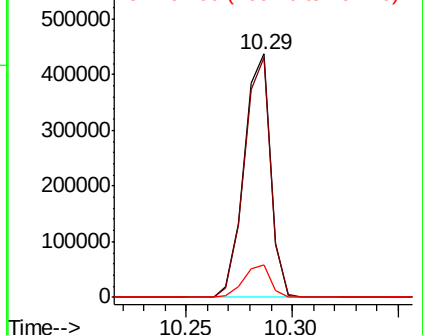


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 27.785 ng

RT: 10.06 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF109262.D

Acq: 24 Sep 2018 12:57

Tgt Ion:232 Resp: 104664

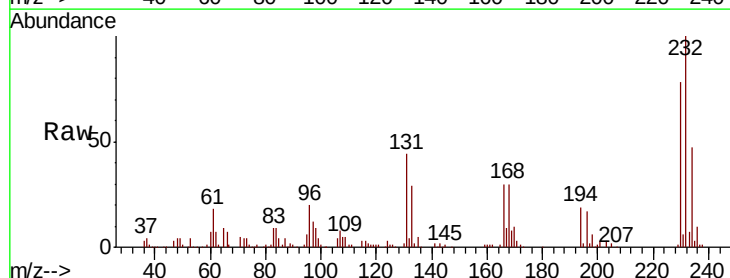
Ion Ratio Lower Upper

232 100

131 45.3 43.8 65.8

130 1.9 2.1 3.1#

166 30.3 27.8 41.6



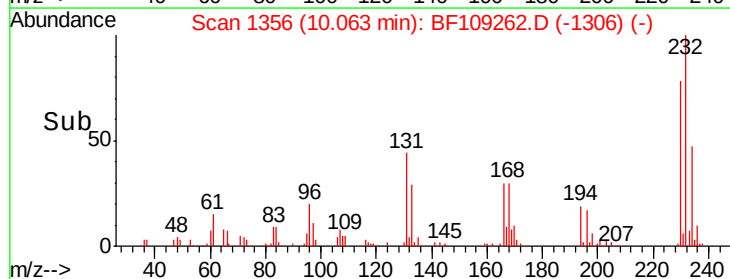
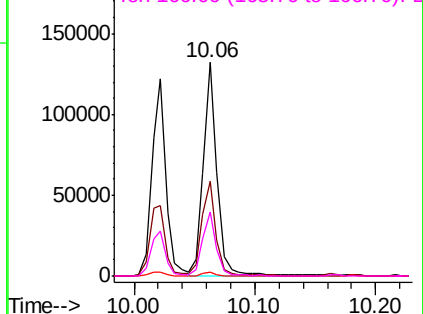
Abundance

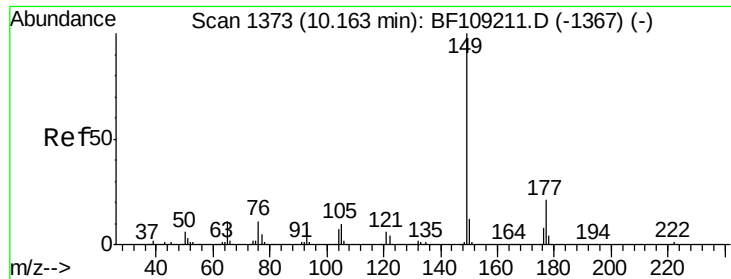
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

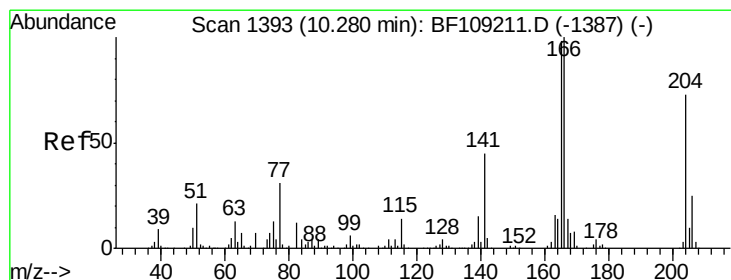
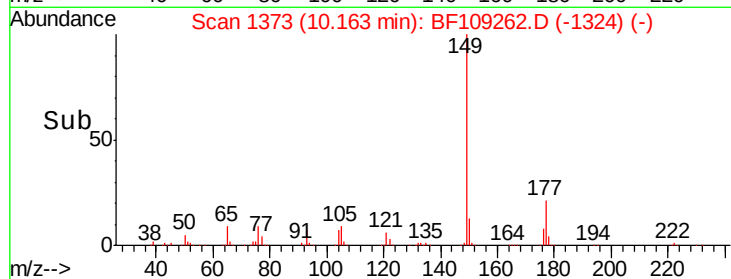
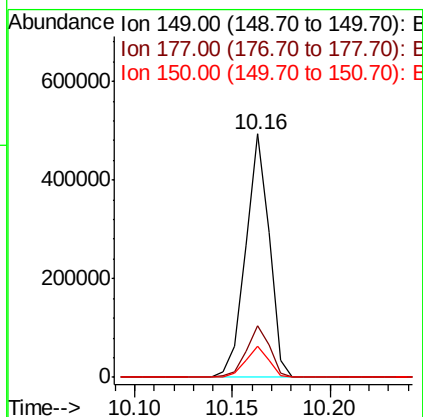
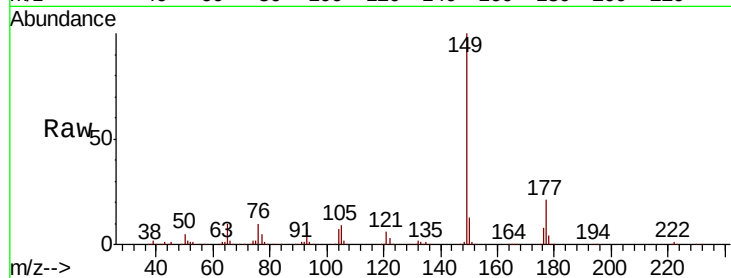




#59
Diethylphthalate
Concen: 25.415 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF109262.D
Acq: 24 Sep 2018 12:57

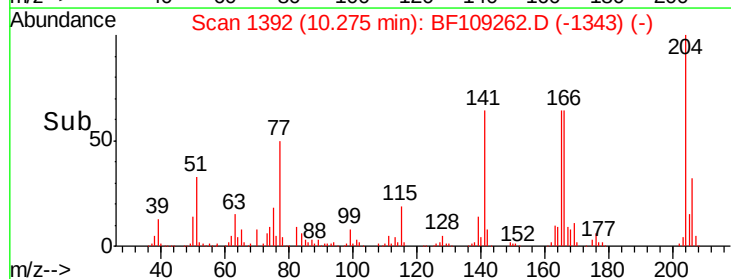
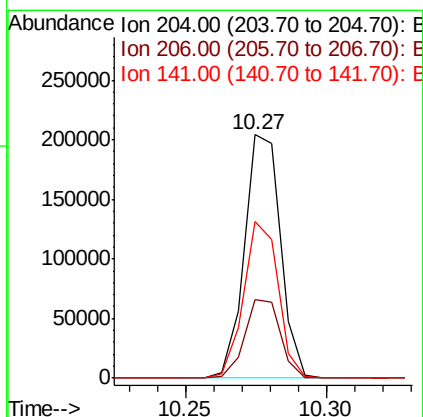
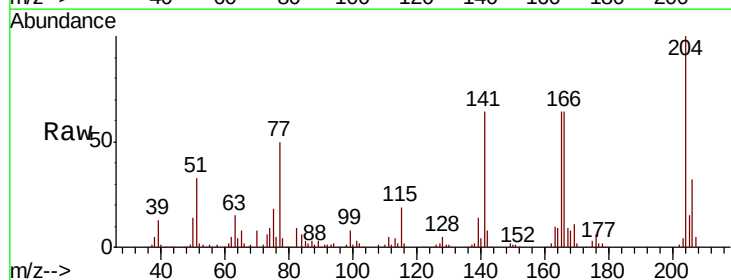
Instrument :
BNA_F
ClientSampleId :

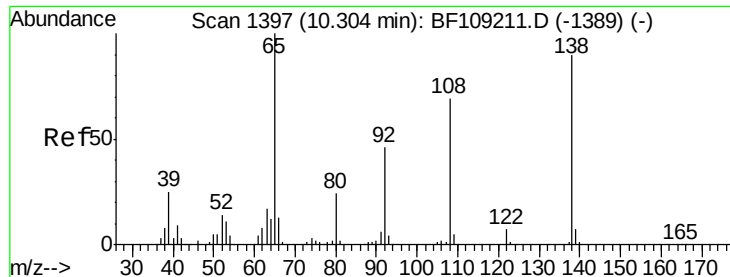
Tot Ion:149 Resp: 412827
Ion Ratio Lower Upper
149 100
177 21.4 16.1 24.1
150 12.8 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 24.925 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BF109262.D
Acq: 24 Sep 2018 12:57

Tgt Ion:204 Resp: 180862
Ion Ratio Lower Upper
204 100
206 32.1 26.5 39.7
141 64.4 54.6 81.8

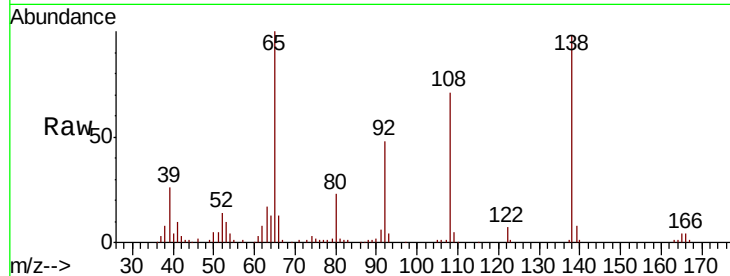




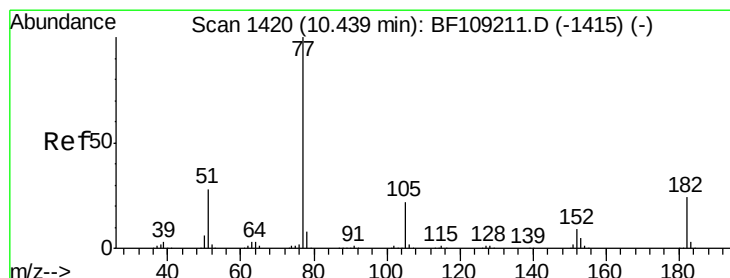
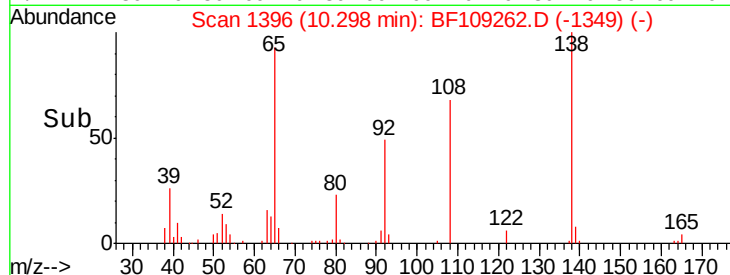
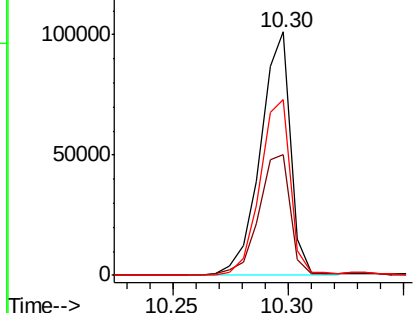
#61
4-Nitroaniline
Concen: 25.698 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.02 min
Lab File: BF109262.D
Acq: 24 Sep 2018 12:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 92203
Ion Ratio Lower Upper
138 100
92 49.4 30.2 70.2
108 72.3 52.5 92.5

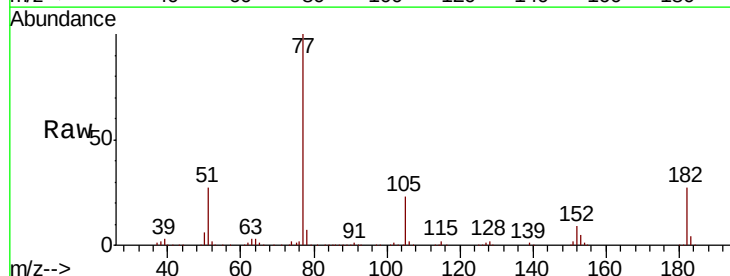


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

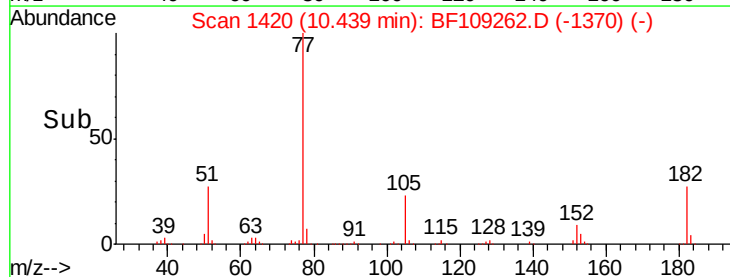
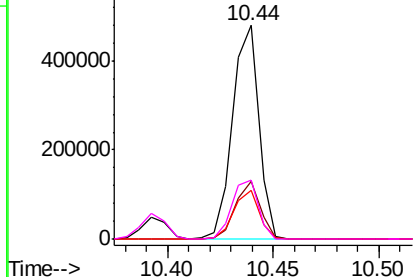


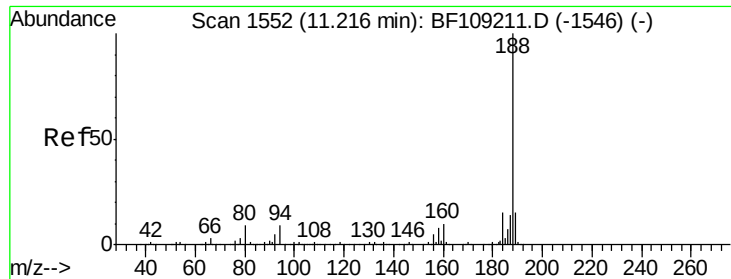
#62
Azobenzene
Concen: 24.292 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF109262.D
Acq: 24 Sep 2018 12:57

Tgt Ion: 77 Resp: 409964
Ion Ratio Lower Upper
77 100
182 27.1 1.7 41.7
105 22.8 3.0 43.0
51 27.4 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# 1552

Delta R.T. 0.00 min

Lab File: BF109262.D

Acq: 24 Sep 2018 12:57

Instrument :

BNA_F

ClientSampleId :

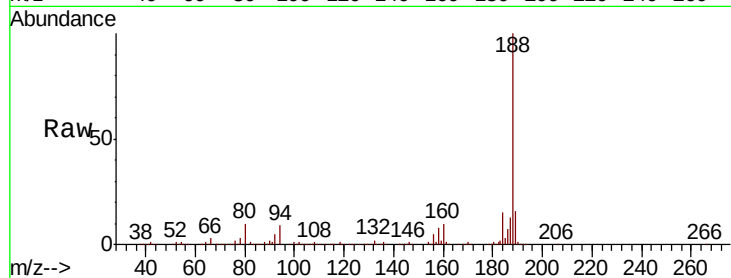
Tot Ion:188 Resp: 427245

Ion Ratio Lower Upper

188 100

94 9.2 8.5 12.7

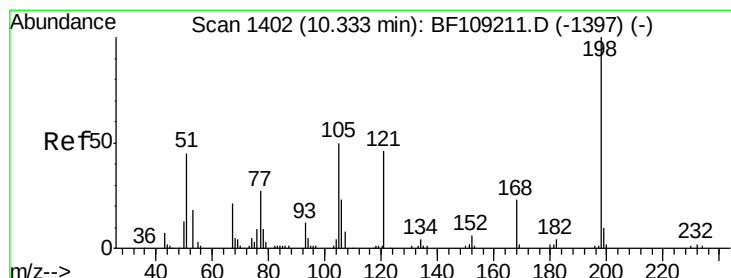
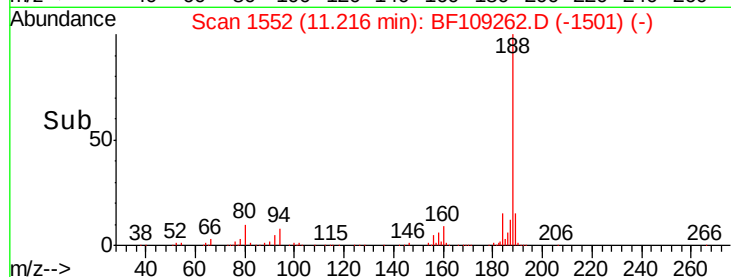
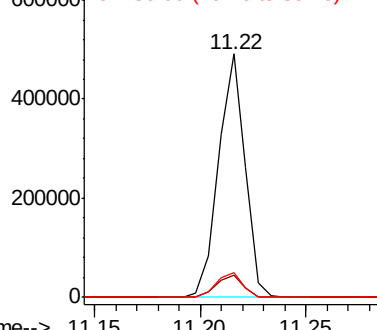
80 10.2 9.2 13.8



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: 25.370 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BF109262.D

Acq: 24 Sep 2018 12:57

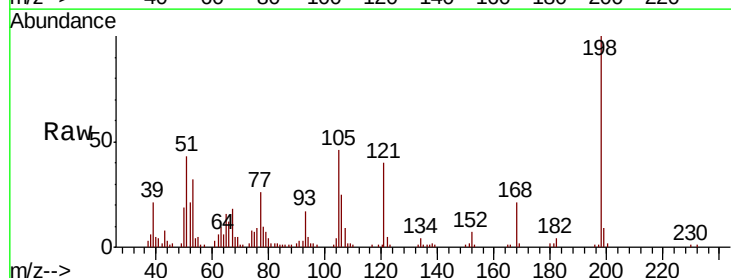
Tgt Ion:198 Resp: 37300

Ion Ratio Lower Upper

198 100

51 43.4 37.7 77.7

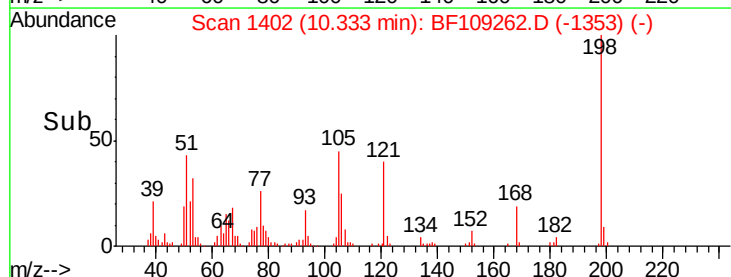
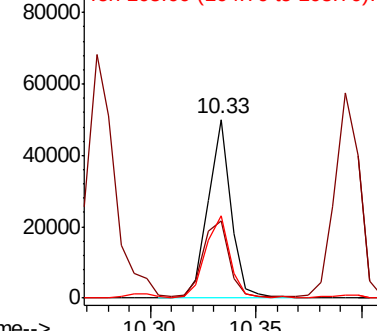
105 46.0 36.3 76.3

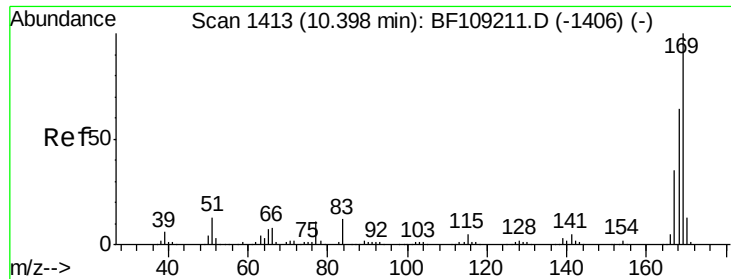


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

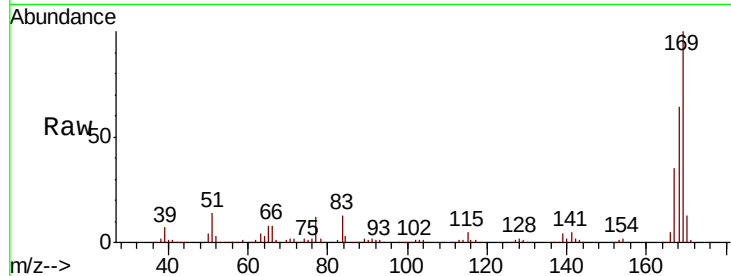




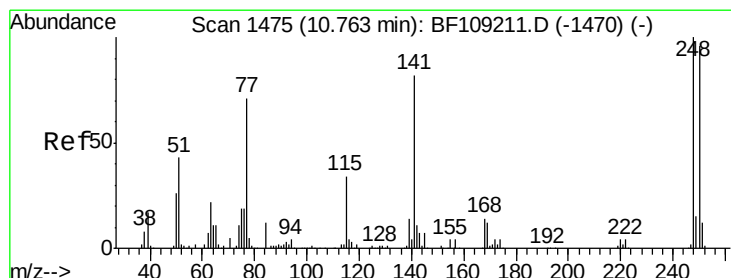
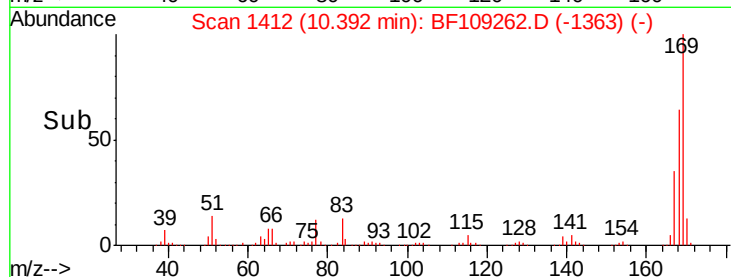
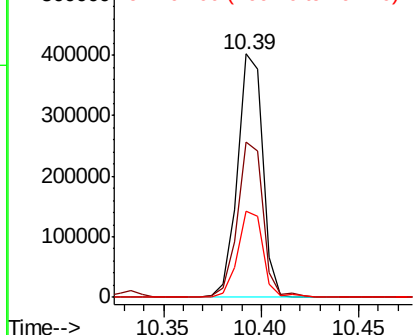
#65
 n-Nitrosodiphenylamine
 Concen: 25.493 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF109262.D
 Acq: 24 Sep 2018 12:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:169 Resp: 359860
 Ion Ratio Lower Upper
 169 100
 168 63.8 54.4 81.6
 167 35.4 29.8 44.6

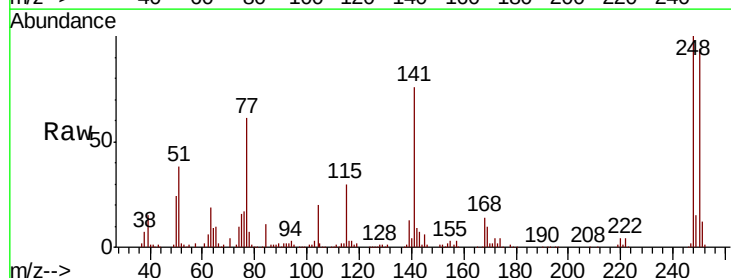


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

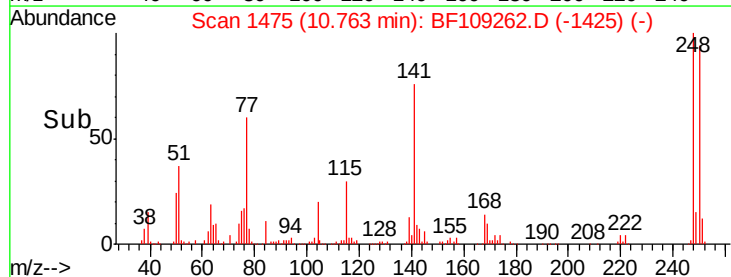
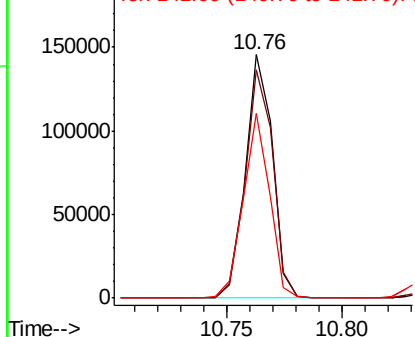


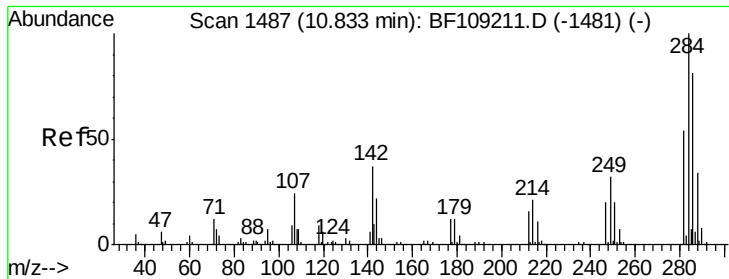
#66
 4-Bromophenyl-phenylether
 Concen: 25.262 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF109262.D
 Acq: 24 Sep 2018 12:57

Tgt Ion:248 Resp: 119853
 Ion Ratio Lower Upper
 248 100
 250 93.8 76.9 115.3
 141 75.8 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

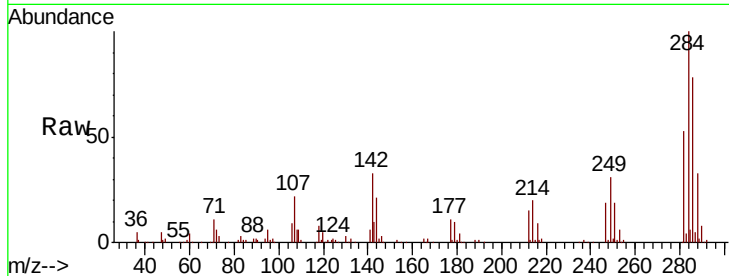




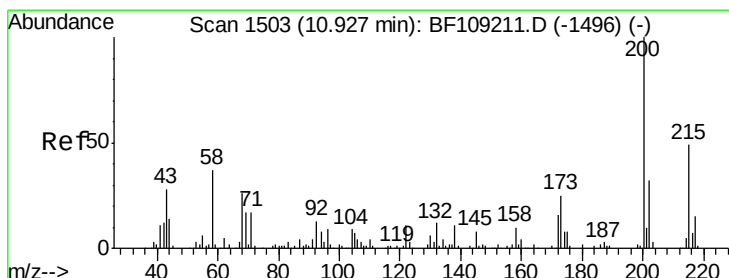
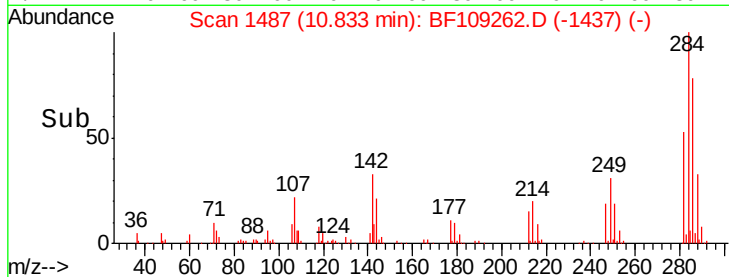
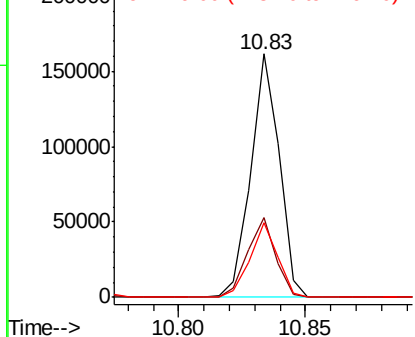
#67
Hexachlorobenzene
Concen: 25.038 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF109262.D
Acq: 24 Sep 2018 12:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	32.9	34.6	52.0#
249	30.6	24.8	37.2

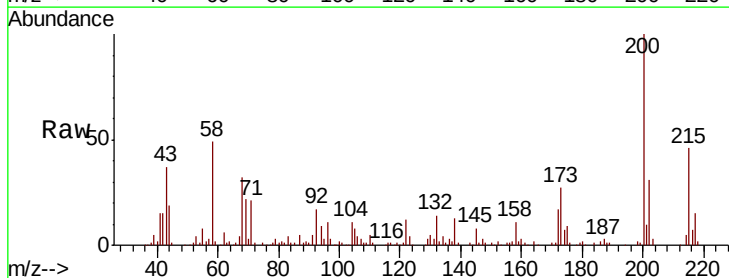


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

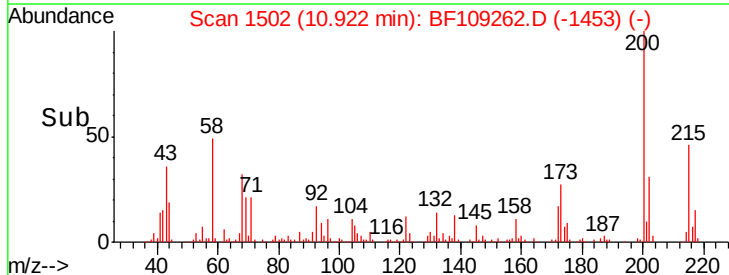
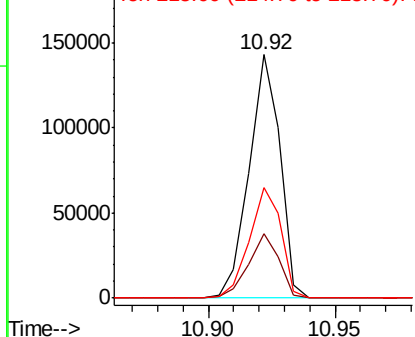


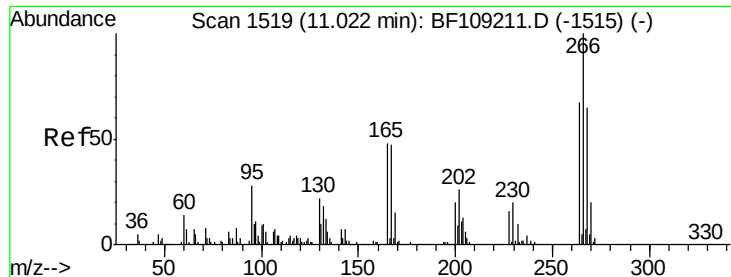
#68
Atrazine
Concen: 27.956 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF109262.D
Acq: 24 Sep 2018 12:57

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.5	8.6	48.6
215	45.6	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

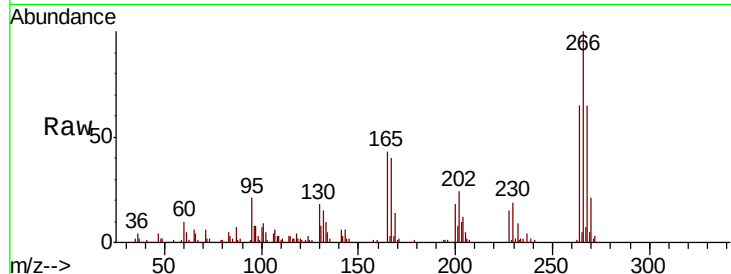




#69
 Pentachlorophenol
 Concen: 42.247 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BF109262.D
 Acq: 24 Sep 2018 12:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.0	51.1	76.7
264	64.9	49.5	74.3

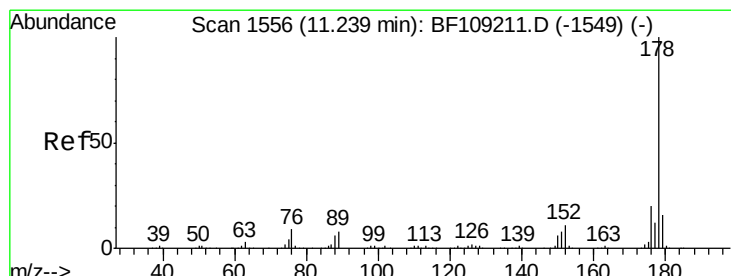
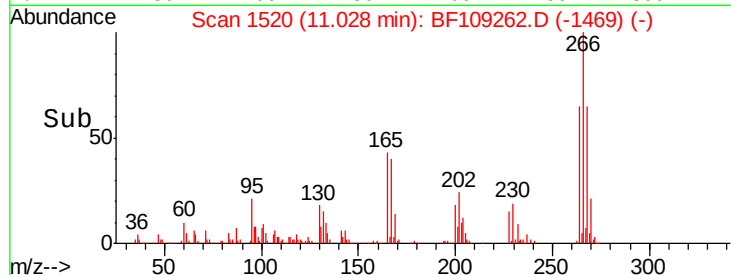
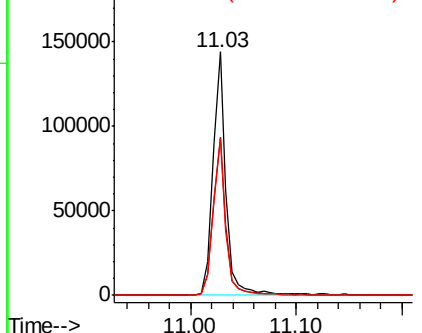


Abundance

Ion 265.70 (265.40 to 266.40): E

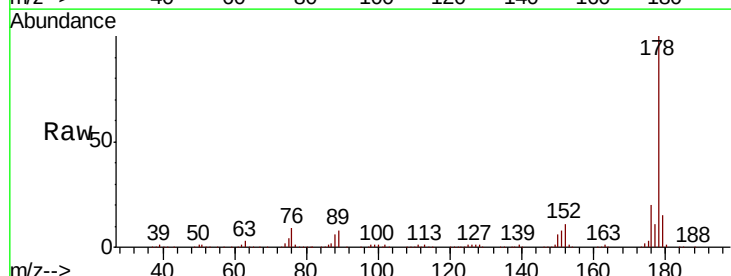
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 26.574 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF109262.D
 Acq: 24 Sep 2018 12:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.5	13.0	19.6

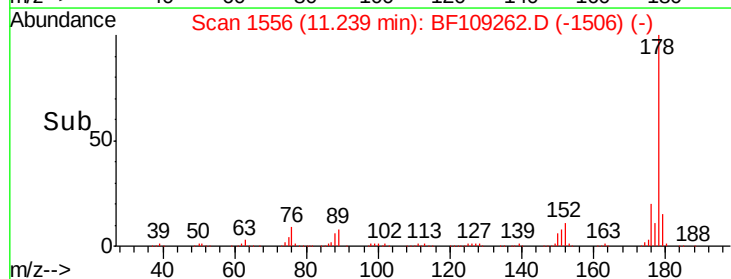
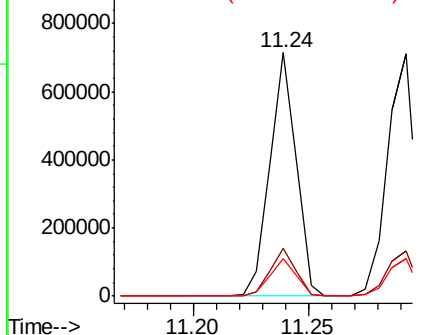


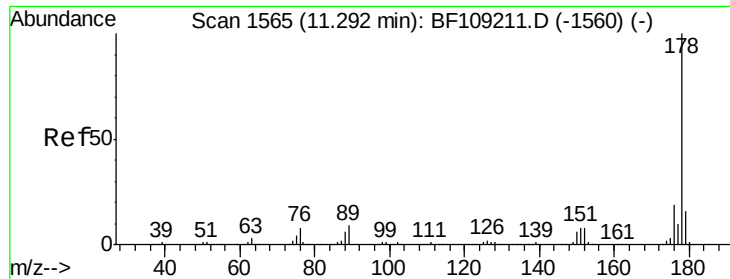
Abundance

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

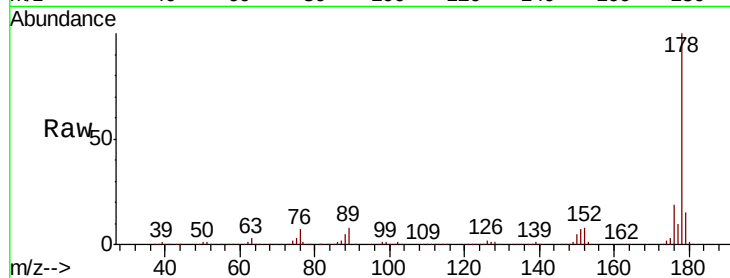




#71
 Anthracene
 Concen: 27.347 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF109262.D
 Acq: 24 Sep 2018 12:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.4	12.6	19.0

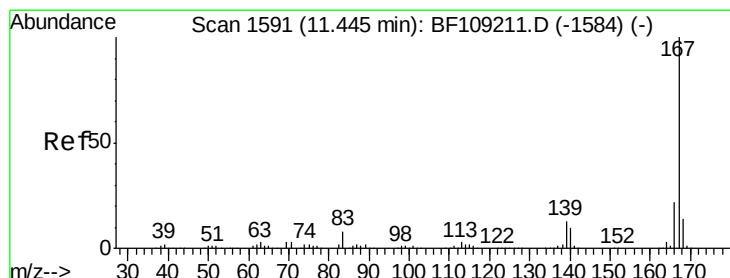
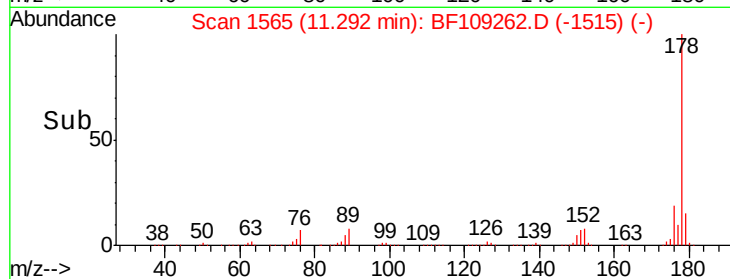
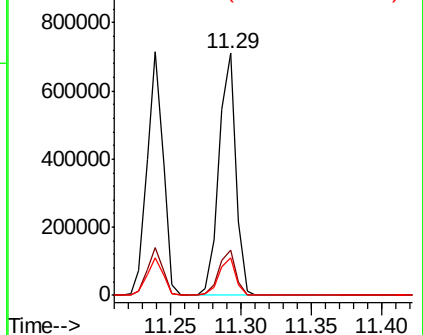


Abundance

Ion 178.00 (177.70 to 178.70): E

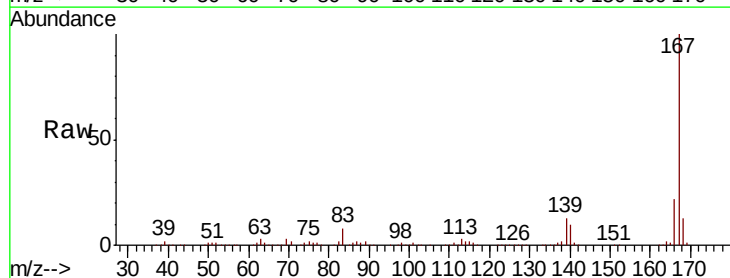
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
 Carbazole
 Concen: 24.051 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BF109262.D
 Acq: 24 Sep 2018 12:57

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.6	26.4
139	12.6	10.9	16.3

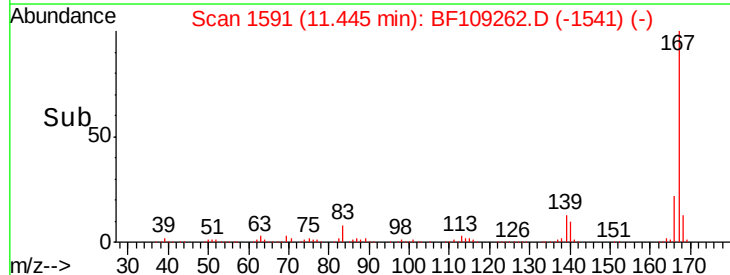
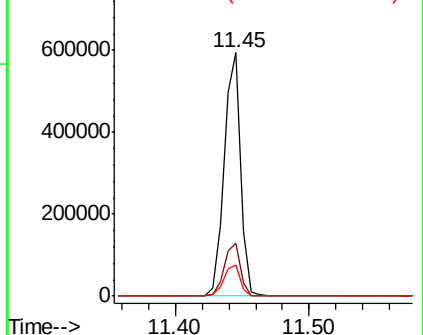


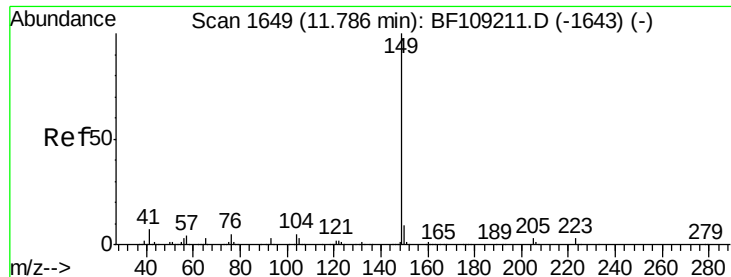
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 26.363 ng

RT: 11.79 min Scan# 1649

Delta R.T. 0.00 min

Lab File: BF109262.D

Acq: 24 Sep 2018 12:57

Instrument :

BNA_F

ClientSampleId :

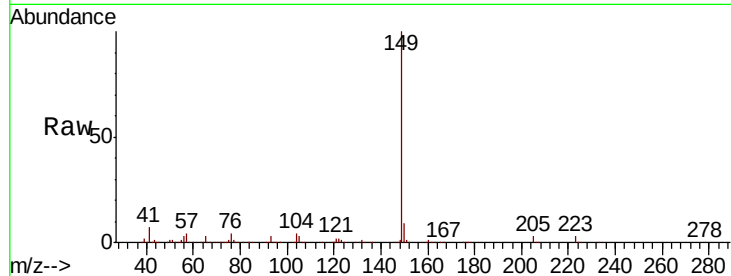
Tot Ion:149 Resp: 653331

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

104 4.4 3.8 5.8

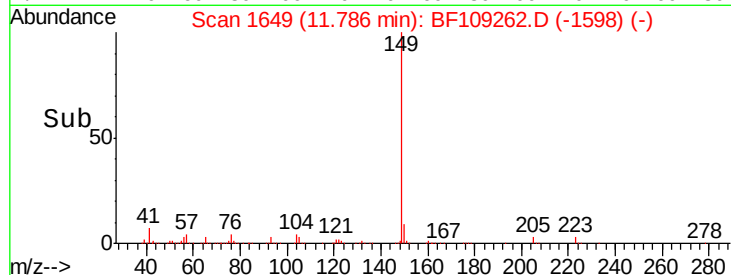


Abundance Ion 149.00 (148.70 to 149.70): E

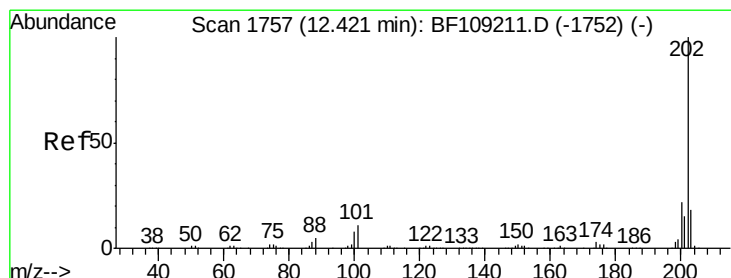
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

11.79



Time-->



#74

Fluoranthene

Concen: 24.605 ng

RT: 12.42 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BF109262.D

Acq: 24 Sep 2018 12:57

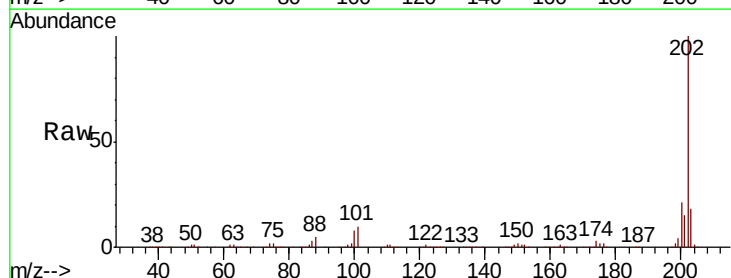
Tgt Ion:202 Resp: 560914

Ion Ratio Lower Upper

202 100

101 10.2 0.0 34.1

203 17.6 0.0 38.1

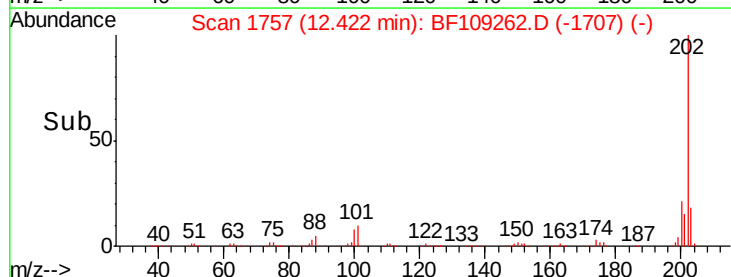


Abundance Ion 202.00 (201.70 to 202.70): E

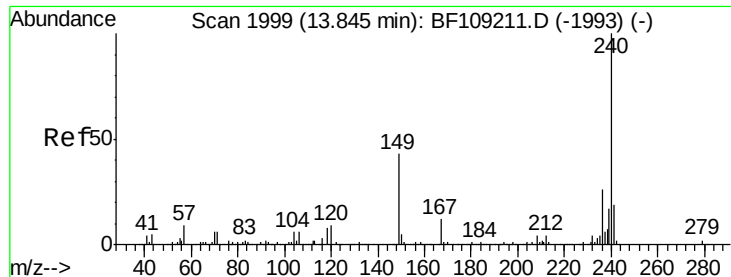
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

12.42



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109262.D

Acq: 24 Sep 2018 12:57

Instrument :

BNA_F

ClientSampleId :

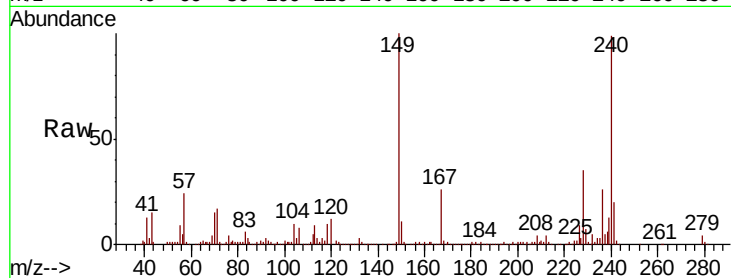
Tot Ion:240 Resp: 267357

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

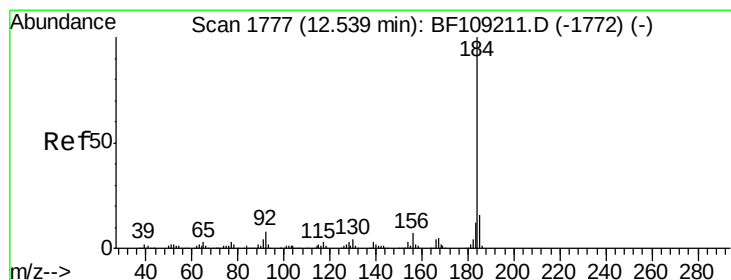
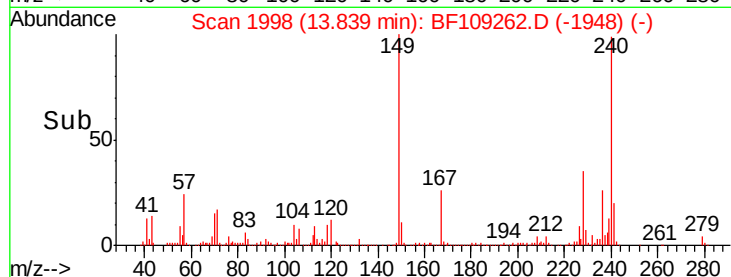
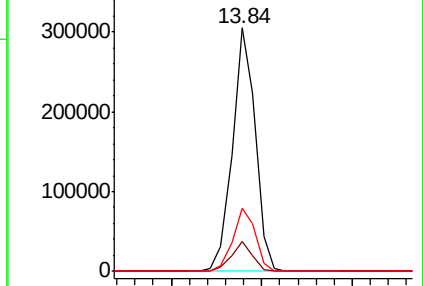
236 26.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 26.208 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF109262.D

Acq: 24 Sep 2018 12:57

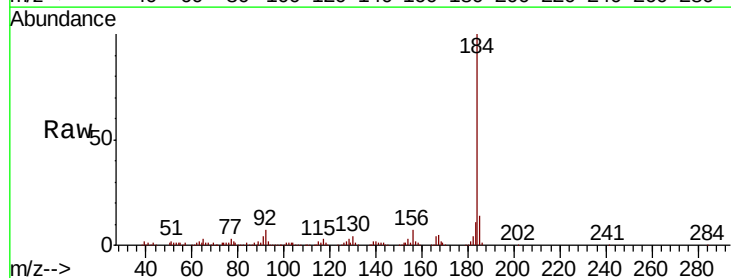
Tgt Ion:184 Resp: 252632

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

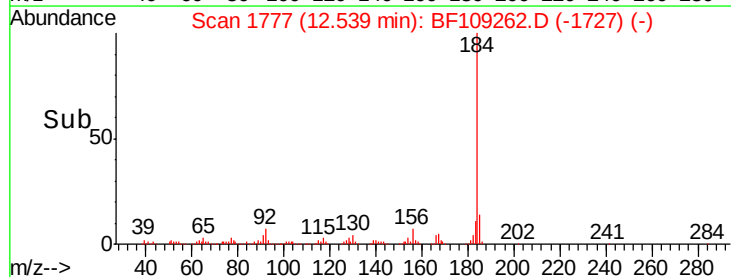
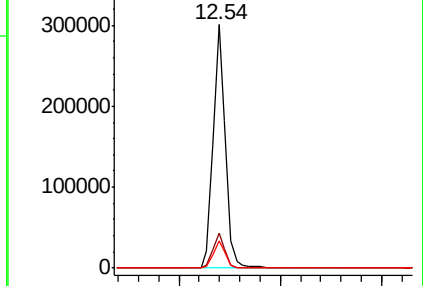
183 11.4 9.3 13.9

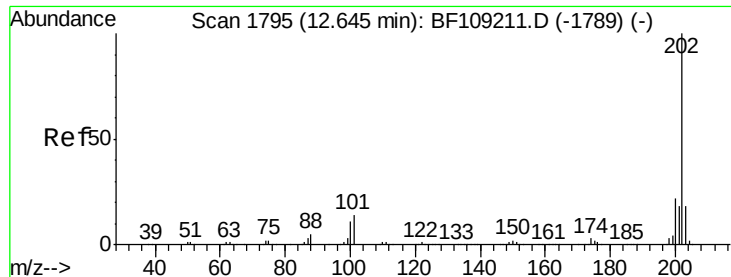


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

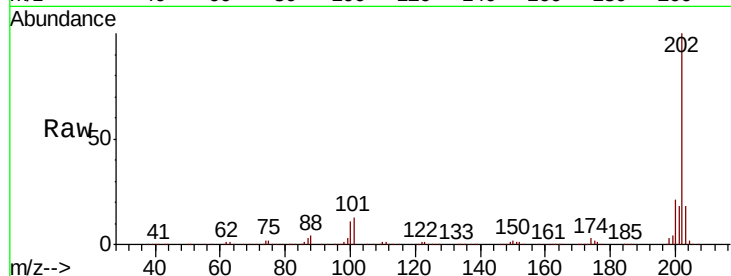




#77
 Pvrene
 Concen: 28.546 ng
 RT: 12.65 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BF109262.D
 Acq: 24 Sep 2018 12:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.6	14.3	21.5

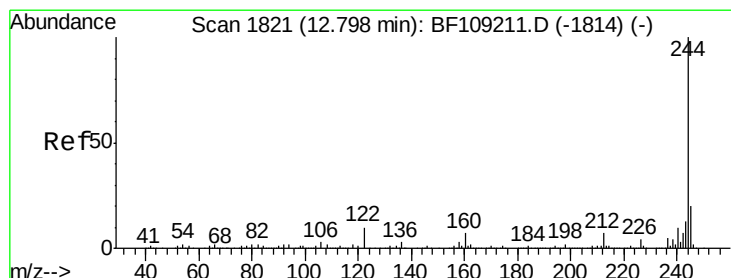
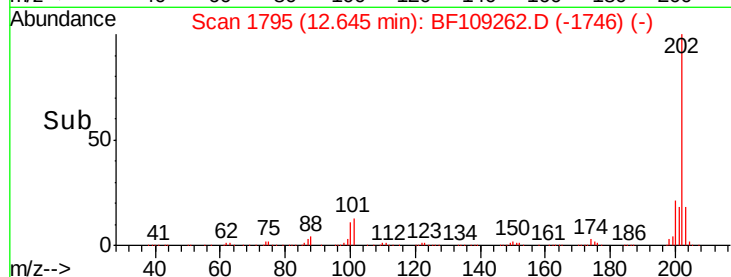
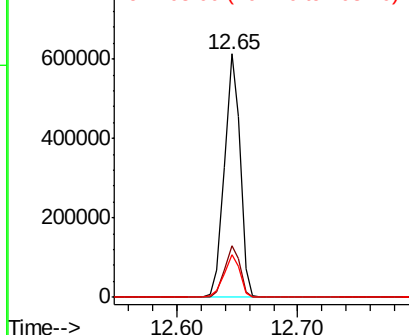


Abundance

Ion 202.00 (201.70 to 202.70): E

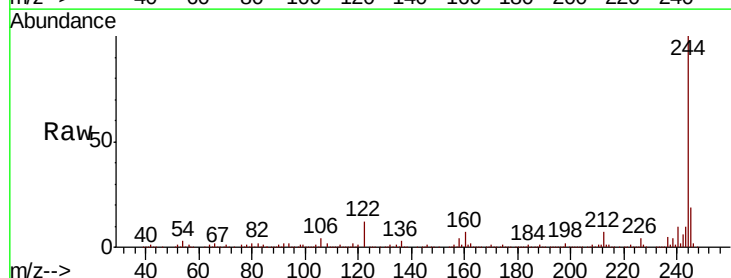
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
 Terphenyl-d14
 Concen: 62.375 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF109262.D
 Acq: 24 Sep 2018 12:57

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.6	11.0	16.4

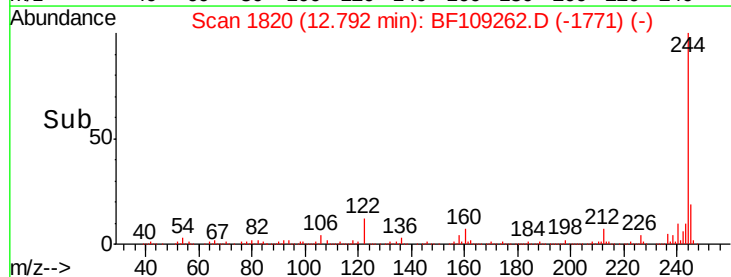
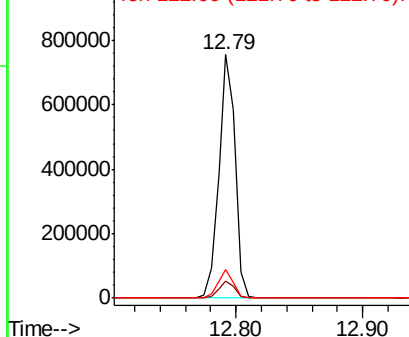


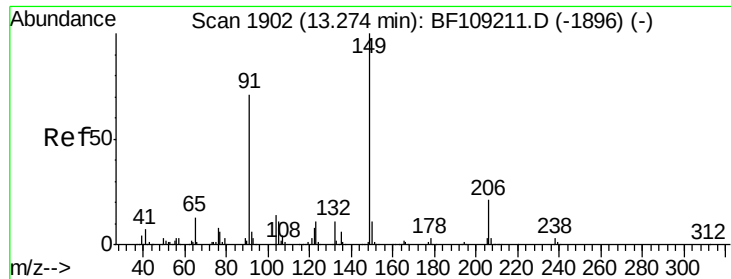
Abundance

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

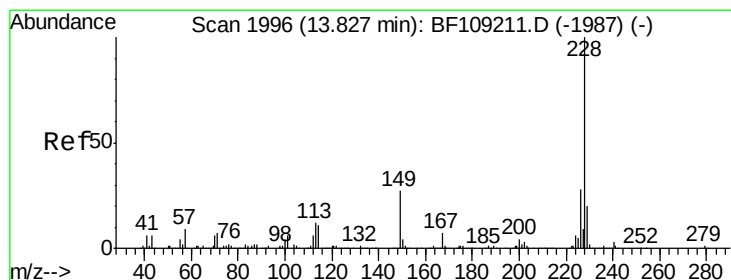
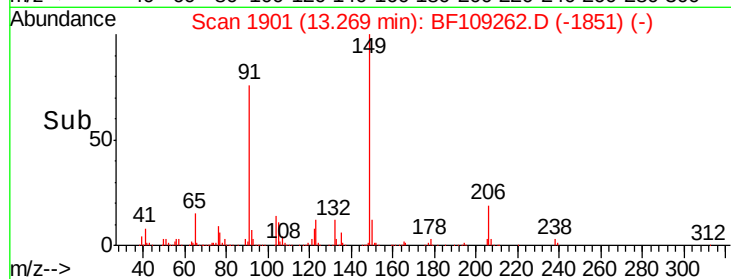
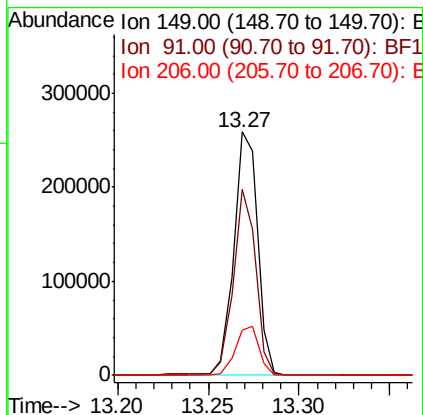
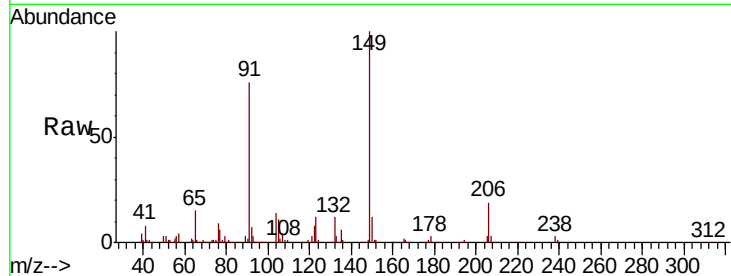




#79
Butylbenzylphthalate
Concen: 28.919 ng
RT: 13.27 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BF109262.D
Acq: 24 Sep 2018 12:57

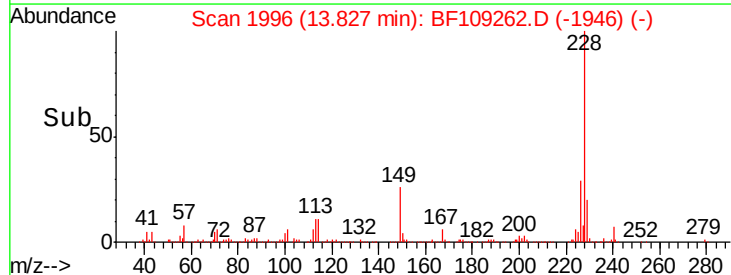
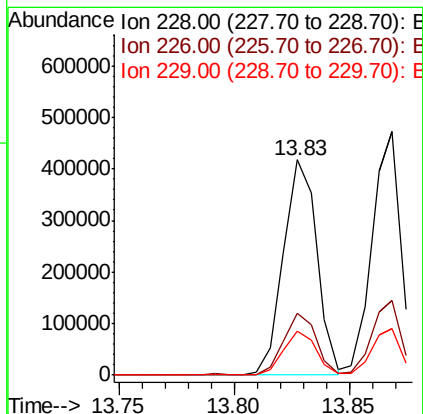
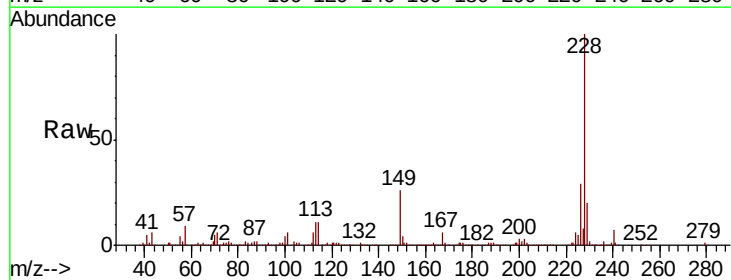
Instrument :
BNA_F
ClientSampleId :

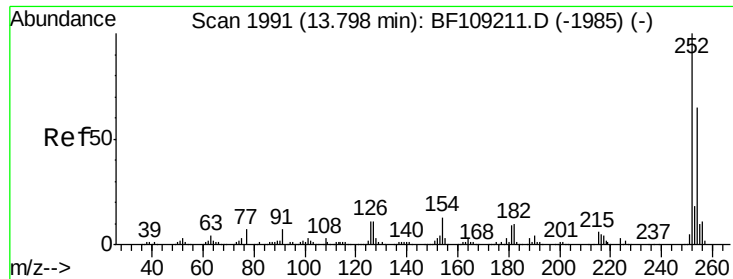
Tot Ion	Ratio	Lower	Upper
149	100		
91	76.3	56.8	85.2
206	18.8	14.1	21.1



#80
Benzo(a)anthracene
Concen: 26.027 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109262.D
Acq: 24 Sep 2018 12:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	20.4	15.8	23.6

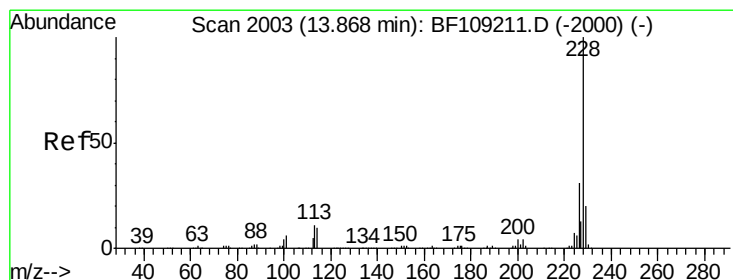
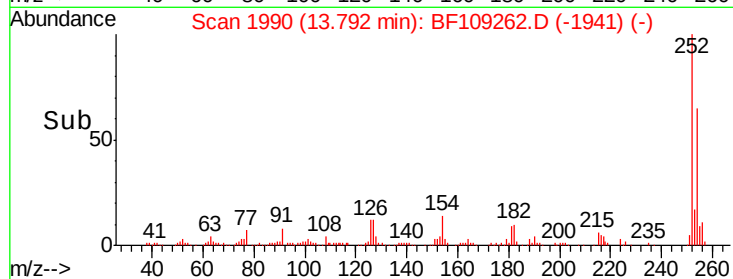
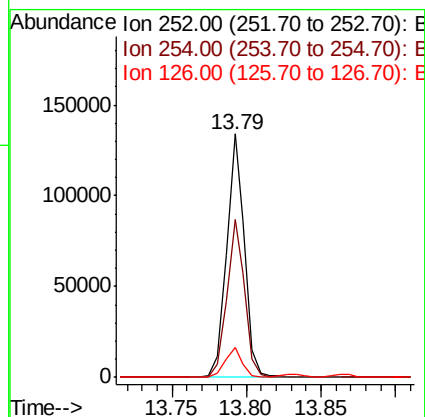
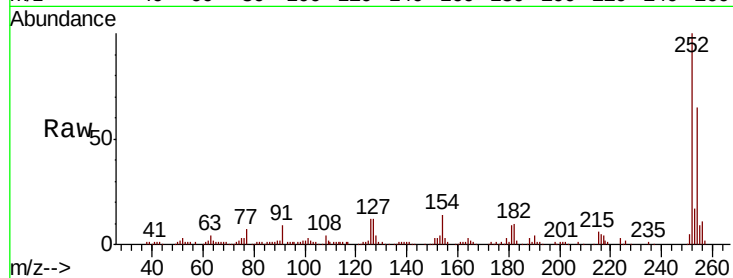




#81
 3,3'-Dichlorobenzidine
 Concen: 18.453 ng
 RT: 13.79 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BF109262.D
 Acq: 24 Sep 2018 12:57

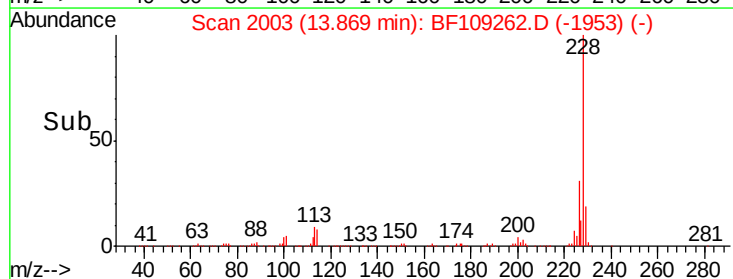
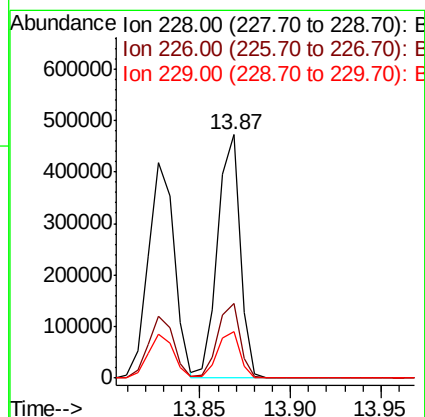
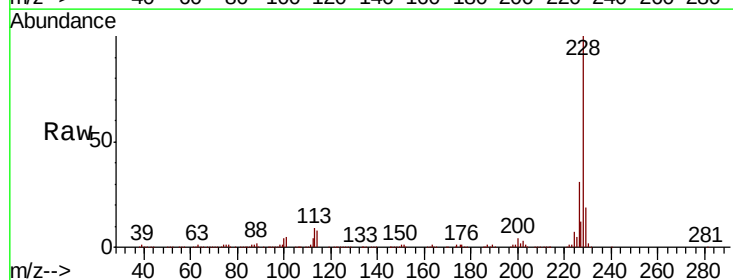
Instrument :
 BNA_F
 ClientSampleId :

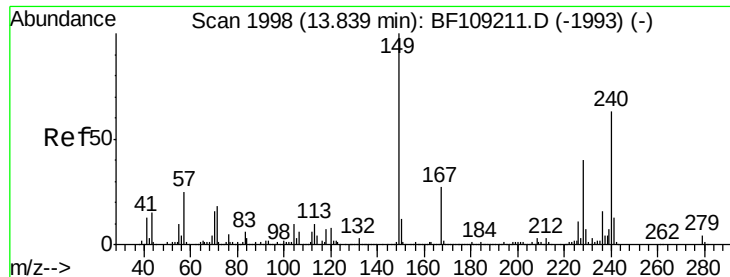
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.1	50.4	75.6
126	12.1	11.3	16.9



#82
 Chrysene
 Concen: 25.717 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF109262.D
 Acq: 24 Sep 2018 12:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	19.2	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 29.280 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BF109262.D

Acq: 24 Sep 2018 12:57

Instrument :

BNA_F

ClientSampleId :

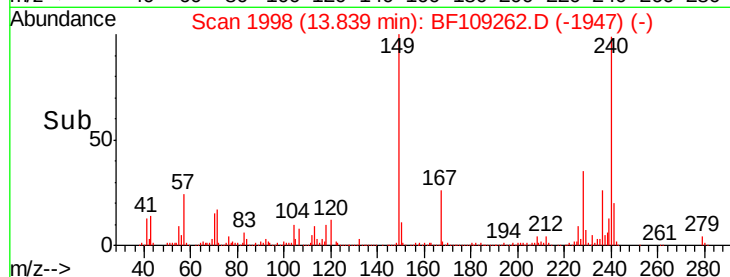
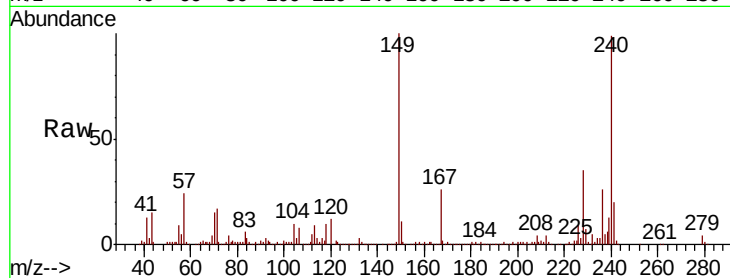
Tot Ion:149 Resp: 301022

Ion Ratio Lower Upper

149 100

167 26.0 21.3 31.9

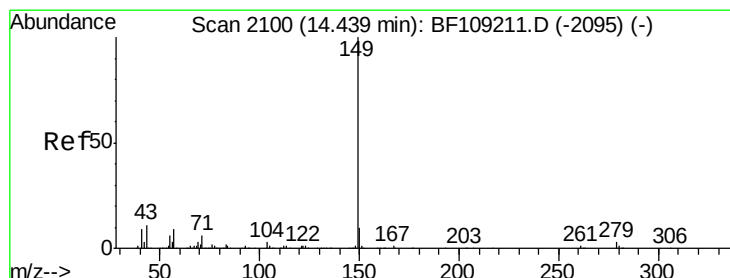
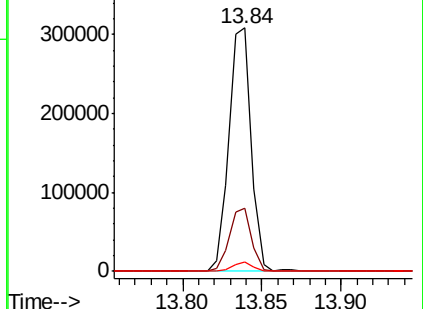
279 4.0 3.0 4.4



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: 27.477 ng

RT: 14.44 min Scan# 2100

Delta R.T. -0.01 min

Lab File: BF109262.D

Acq: 24 Sep 2018 12:57

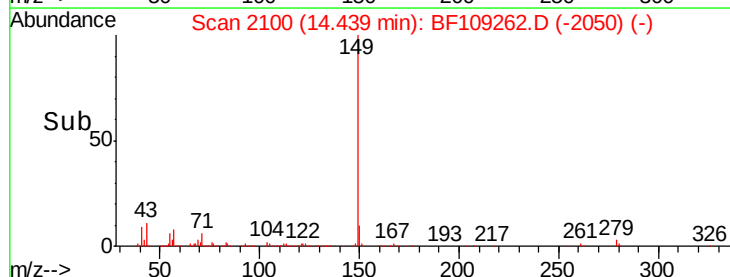
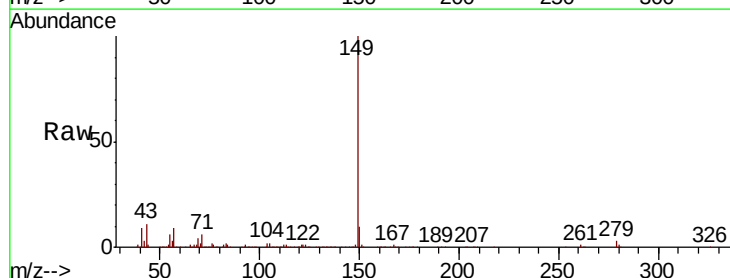
Tgt Ion:149 Resp: 483000

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

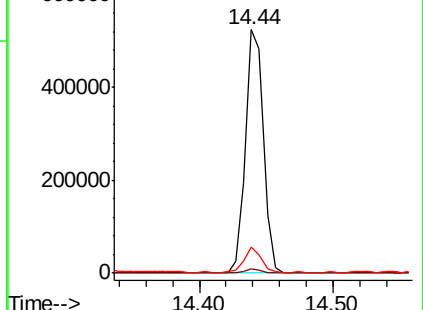
43 9.4 8.4 12.6

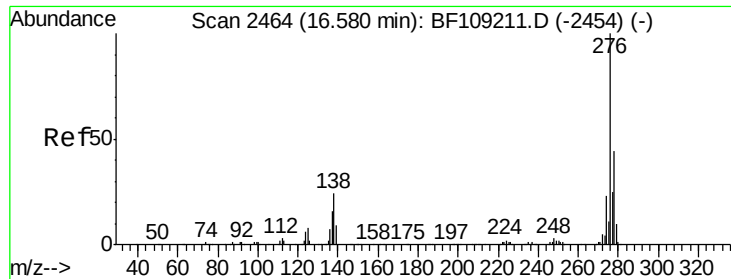


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

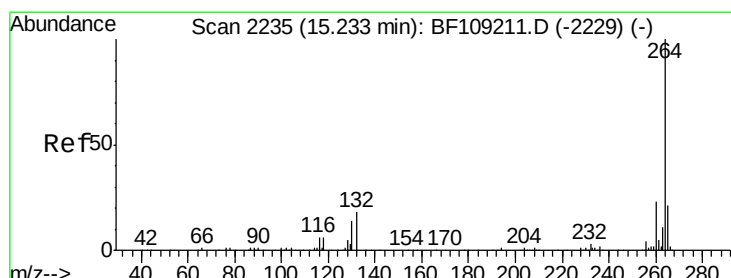
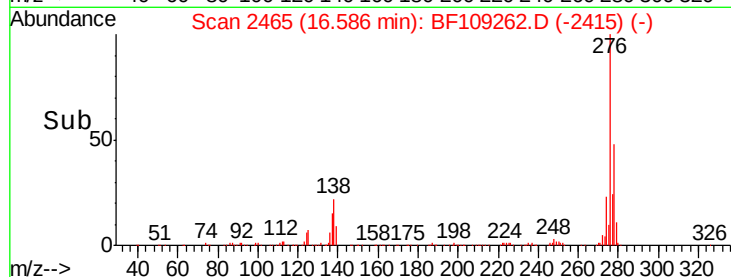
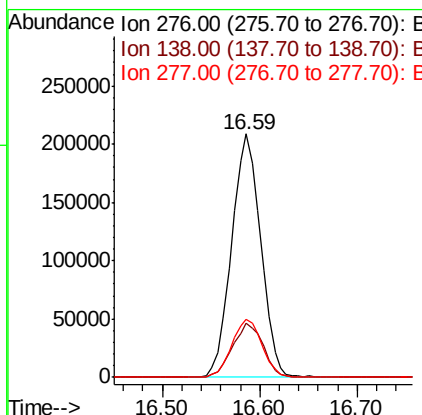
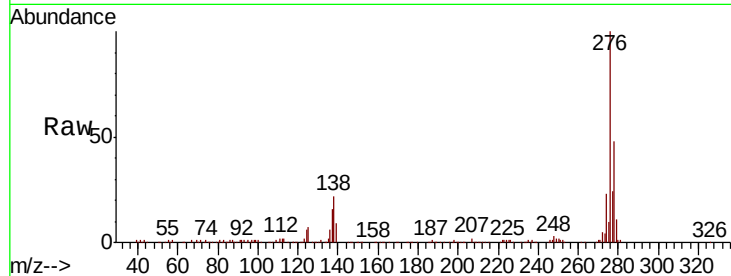




#85
Indeno(1,2,3-cd)pyrene
Concen: 33.397 ng
RT: 16.59 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BF109262.D
Acq: 24 Sep 2018 12:57

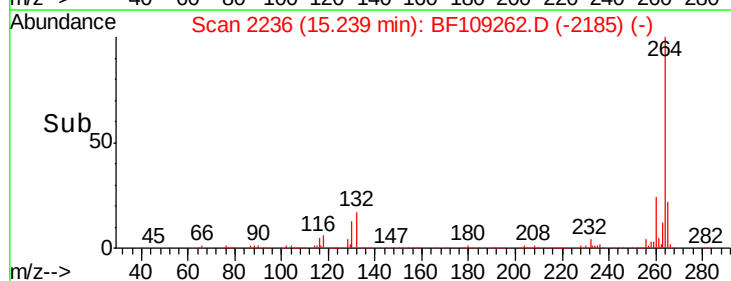
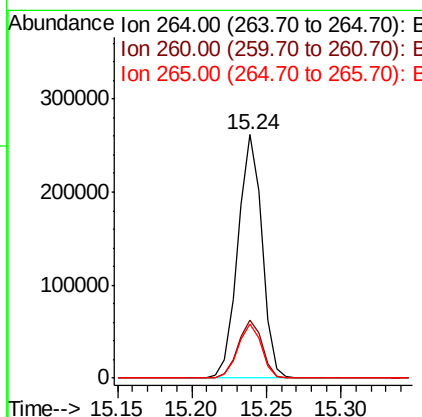
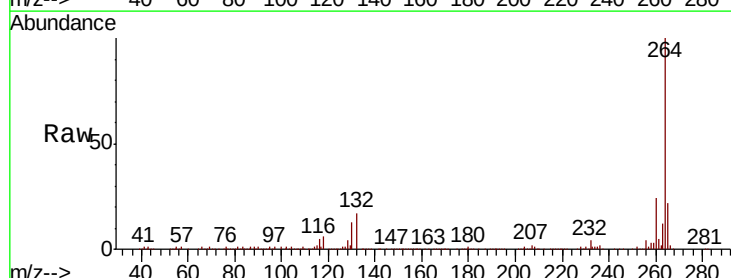
Instrument :
BNA_F
ClientSampled :

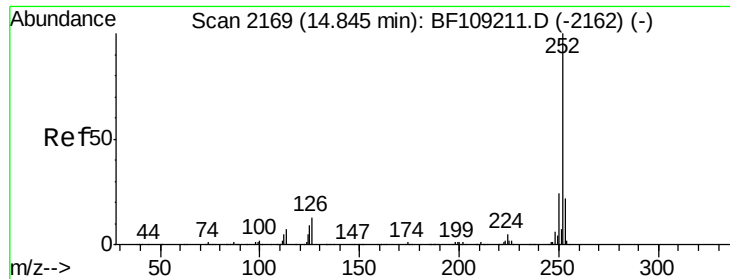
Tot Ion	Ratio	Lower	Upper
276	100		
138	23.5	25.0	37.6#
277	24.8	20.1	30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF109262.D
Acq: 24 Sep 2018 12:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.4	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 25.607 ng

RT: 14.84 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BF109262.D

Acq: 24 Sep 2018 12:57

Instrument :

BNA_F

ClientSampled :

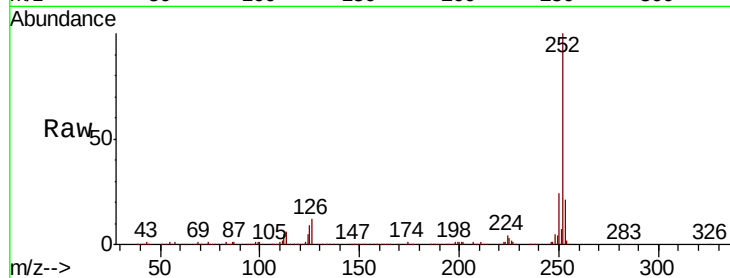
Tot Ion:252 Resp: 414574

Ion Ratio Lower Upper

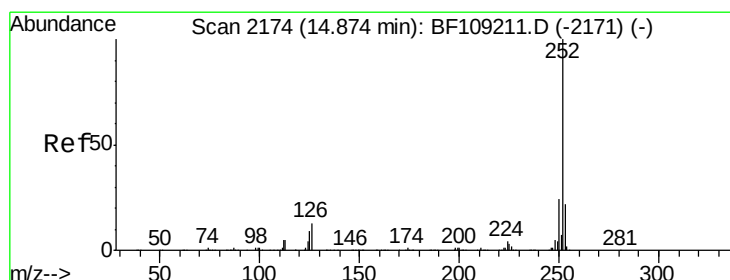
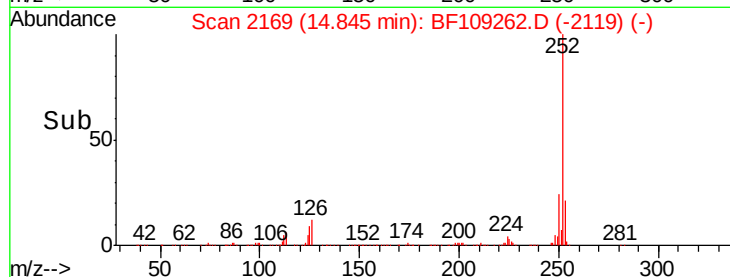
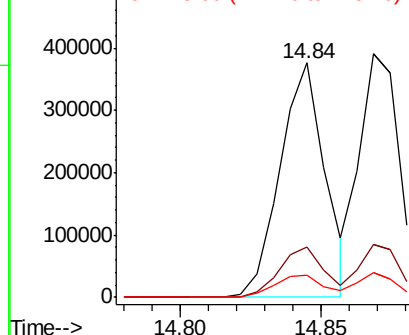
252 100

253 21.4 17.0 25.6

125 9.3 9.0 13.6



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



#88

Benzo(k)fluoranthene

Concen: 24.929 ng

RT: 14.87 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BF109262.D

Acq: 24 Sep 2018 12:57

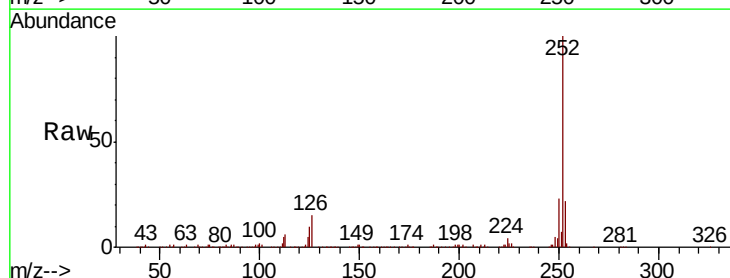
Tgt Ion:252 Resp: 382983

Ion Ratio Lower Upper

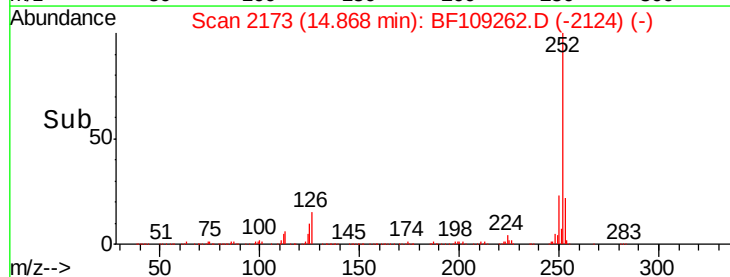
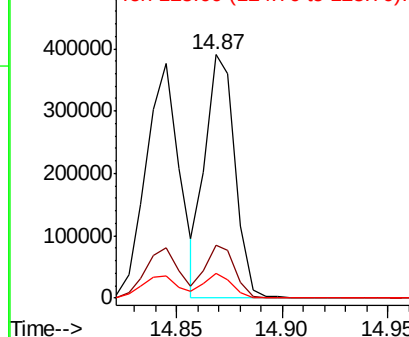
252 100

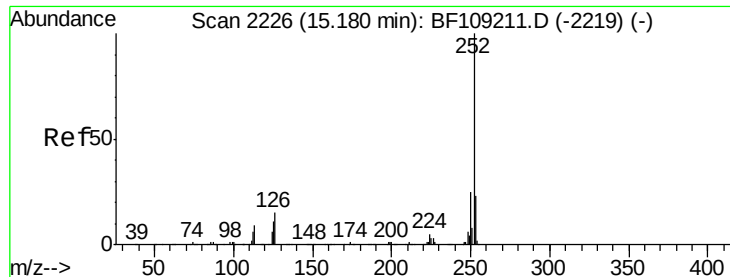
253 22.0 17.9 26.9

125 9.9 10.2 15.2#



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





#89

Benzo(a)pyrene

Concen: 26.690 ng

RT: 15.18 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BF109262.D

Acq: 24 Sep 2018 12:57

Instrument :

BNA_F

ClientSampleId :

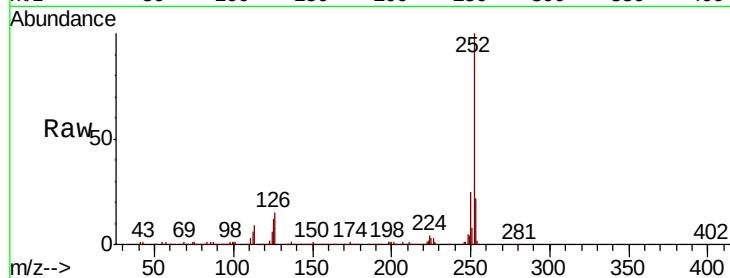
Tot Ion:252 Resp: 389380

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

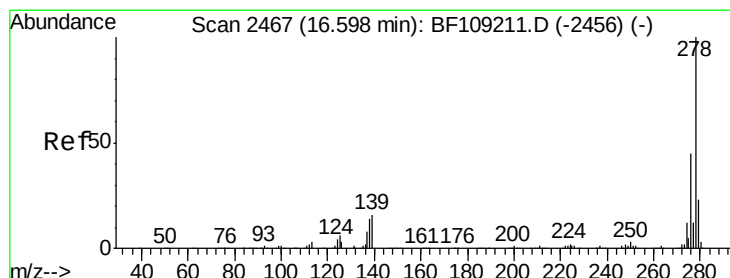
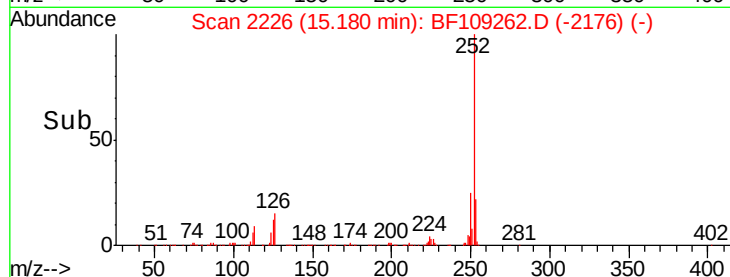
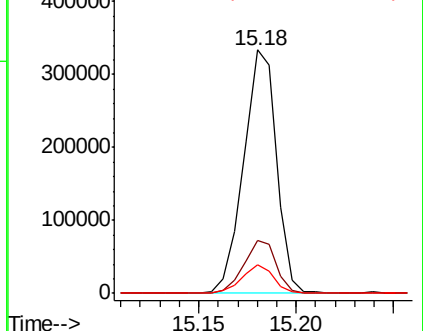
125 11.6 9.8 14.6



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: 29.943 ng

RT: 16.60 min Scan# 2467

Delta R.T. -0.01 min

Lab File: BF109262.D

Acq: 24 Sep 2018 12:57

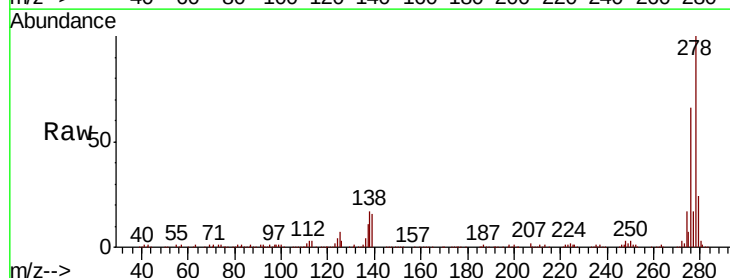
Tgt Ion:278 Resp: 358373

Ion Ratio Lower Upper

278 100

139 16.1 15.9 23.9

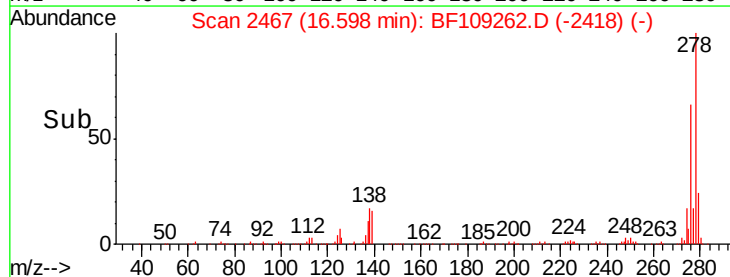
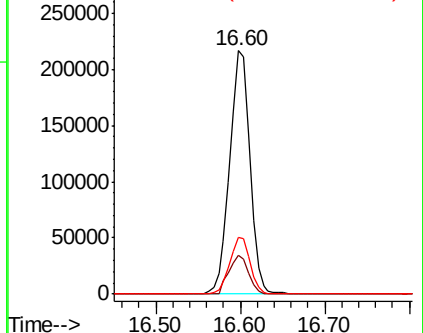
279 23.5 19.0 28.4

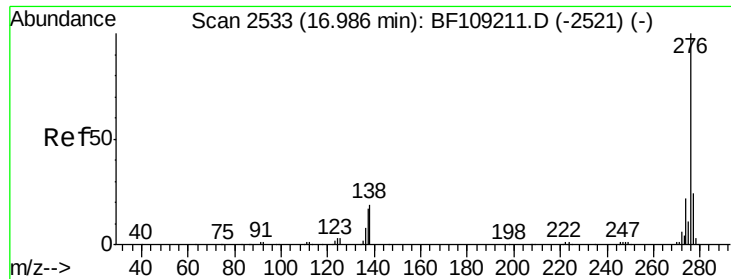


Abundance Ion 278.00 (277.70 to 278.70): E

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: 28.796 ng
 RT: 16.99 min Scan# 2533
 Delta R.T. -0.01 min
 Lab File: BF109262.D
 Acq: 24 Sep 2018 12:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	20.8	21.8	32.8

