

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
 Data File : BF109387.D
 Acq On : 27 Sep 2018 15:19
 Operator : JU/SJ
 Sample : J5066-05MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 27 17:54:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	119409	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	467057	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	227036	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	423050	20.00	ng	0.00
75) Chrysene-d12	13.84	240	238613	20.00	ng	0.00
86) Perylene-d12	15.24	264	289327	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	744084	102.64	ng	0.01
7) Phenol-d6	6.36	99	972860	105.16	ng	0.00
23) Nitrobenzene-d5	7.27	82	626636	79.20	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	252634	112.88	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1093920	72.67	ng	0.00
78) Terphenyl-d14	12.80	244	939180	96.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	91165	27.304	ng	93
3) Pyridine	3.13	79	241154	28.062	ng	93
4) n-Nitrosodimethylamine	3.05	42	121869	33.324	ng	# 99
6) Aniline	6.37	93	308482	26.064	ng	# 23
8) 2-Chlorophenol	6.50	128	263868	32.730	ng	93
9) Benzaldehyde	6.25	77	154910	26.067	ng	99
10) Phenol	6.37	94	349404	33.351	ng	# 68
11) bis(2-Chloroethyl)ether	6.45	93	253173	30.884	ng	97
12) 1,3-Dichlorobenzene	6.65	146	283400	30.531	ng	99
13) 1,4-Dichlorobenzene	6.73	146	283495	30.316	ng	97
14) 1,2-Dichlorobenzene	6.88	146	266764	30.924	ng	97
15) Benzyl Alcohol	6.85	79	235453	33.251	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	354305	30.470	ng	94
17) 2-Methylphenol	6.97	107	215140	32.981	ng	96
18) Hexachloroethane	7.22	117	102442	31.094	ng	97
19) n-Nitroso-di-n-propylamine	7.13	70	187976	31.010	ng	99
20) 3+4-Methylphenols	7.12	107	261620	33.219	ng	# 70
22) Acetophenone	7.12	105	360912	33.423	ng	# 94
24) Nitrobenzene	7.29	77	280229	33.311	ng	96
25) Isophorone	7.53	82	518531	36.395	ng	99
26) 2-Nitrophenol	7.60	139	135257	40.655	ng	96
27) 2,4-Dimethylphenol	7.65	122	232604	37.469	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	328172	34.796	ng	99
29) 2,4-Dichlorophenol	7.85	162	226337	34.701	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	230255	31.592	ng	98
31) Naphthalene	8.01	128	752083	34.459	ng	99
32) Benzoic acid	7.65	122	232604	54.127	ng	# 15
33) 4-Chloroaniline	8.06	127	228885	24.006	ng	98
34) Hexachlorobutadiene	8.13	225	139651	31.784	ng	97
36) 4-Chloro-3-methylphenol	8.55	107	238408	34.736	ng	96
37) 2-Methylnaphthalene	8.70	142	513222	36.477	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	231396	32.025	ng	98
40) Hexachlorocyclopentadiene	8.86	237	146274	46.413	ng	98
42) 2,4,6-Trichlorophenol	8.98	196	160267	34.560	ng	98

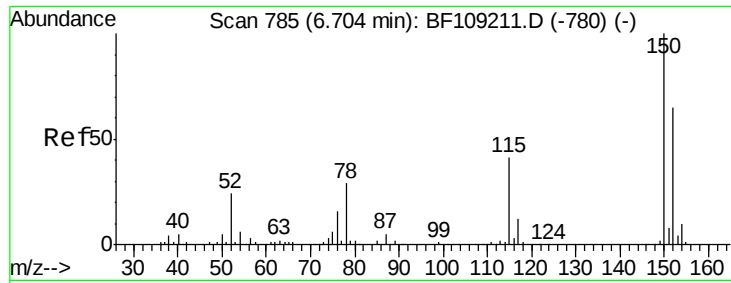
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
 Data File : BF109387.D
 Acq On : 27 Sep 2018 15:19
 Operator : JU/SJ
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Instrument :
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Quant Time: Sep 27 17:54:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA 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)
43) 2,4,5-Trichlorophenol	9.02	196	167562	34.212	nq	98
45) 1,1'-Biphenyl	9.16	154	615321	33.264	nq	99
46) 2-Chloronaphthalene	9.19	162	468519	31.704	nq	99
47) 2-Nitroaniline	9.28	65	150574	35.939	nq	95
48) Acenaphthylene	9.60	152	767445	34.425	nq	99
49) Dimethylphthalate	9.47	163	826113	50.028	nq	99
50) 2,6-Dinitrotoluene	9.53	165	123829	37.863	nq	97
51) Acenaphthene	9.77	154	433099	32.133	nq	98
52) 3-Nitroaniline	9.69	138	116365	30.724	nq	100
53) 2,4-Dinitrophenol	9.80	184	27163	29.435	nq #	21
54) Dibenzofuran	9.95	168	653031	32.578	nq	98
55) 4-Nitrophenol	9.86	139	181798	63.719	nq	92
56) 2,4-Dinitrotoluene	9.93	165	161679	39.071	nq #	93
57) Fluorene	10.29	166	492954	34.467	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	134439	34.668	nq	89
59) Diethylphthalate	10.17	149	567798	33.955	nq	96
60) 4-Chlorophenyl-phenylether	10.28	204	235906	31.580	nq	94
61) 4-Nitroaniline	10.30	138	128986	34.921	nq	100
62) Azobenzene	10.44	77	556344	32.022	nq	96
64) 4,6-Dinitro-2-methylphenol	10.34	198	32896	23.309	nq	80
65) n-Nitrosodiphenylamine	10.40	169	477462	34.160	nq	96
66) 4-Bromophenyl-phenylether	10.77	248	157714	33.572	nq #	84
67) Hexachlorobenzene	10.84	284	165086	33.088	nq #	86
68) Atrazine	10.93	200	159334	37.065	nq	97
69) Pentachlorophenol	11.03	266	127578	42.723	nq	98
70) Phenanthrene	11.24	178	761973	36.073	nq	99
71) Anthracene	11.29	178	748725	34.948	nq	99
72) Carbazole	11.44	167	655167	30.736	nq	100
73) Di-n-butylphthalate	11.79	149	852377	34.735	nq	99
74) Fluoranthene	12.42	202	712179	31.550	nq	97
76) Benzidine	12.54	184	339538	39.467	nq	98
77) Pyrene	12.65	202	676360	39.551	nq	99
79) Butylbenzylphthalate	13.27	149	287774	39.554	nq	95
80) Benzo(a)anthracene	13.83	228	513935	35.758	nq	100
81) 3,3'-Dichlorobenzidine	13.80	252	181427	33.215	nq #	97
82) Chrysene	13.87	228	498409	34.988	nq	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	354944	38.684	nq	99
84) Di-n-octyl phthalate	14.44	149	602618	38.412	nq	98
85) Indeno(1,2,3-cd)pyrene	16.60	276	529484	45.856	nq #	93
87) Benzo(b)fluoranthene	14.85	252	556896	35.029	nq	98
88) Benzo(k)fluoranthene	14.87	252	470854	31.211	nq	98
89) Benzo(a)pyrene	15.19	252	515043	35.952	nq	98
90) Dibenzo(a,h)anthracene	16.61	278	431174	36.687	nq #	96
91) Benzo(q,h,i)perylene	17.00	276	421970	36.532	nq #	92

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

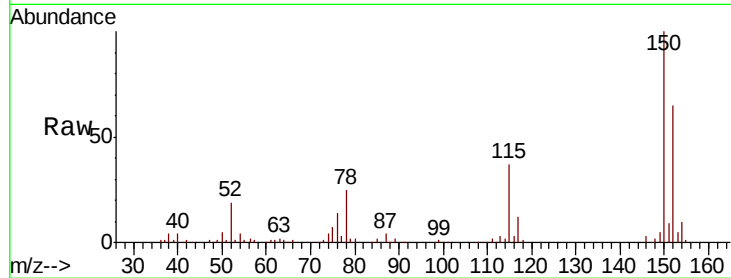


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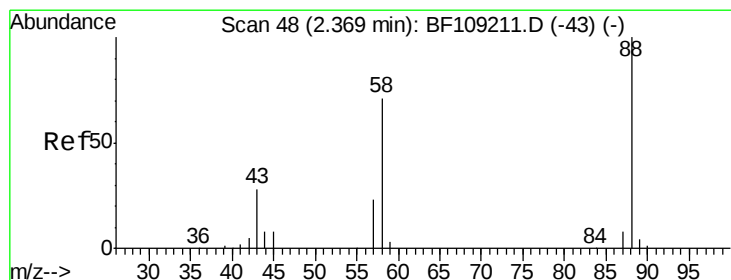
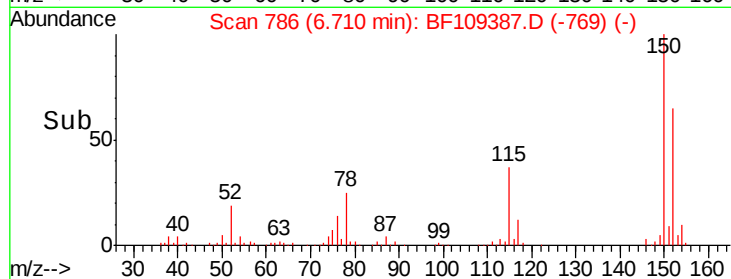
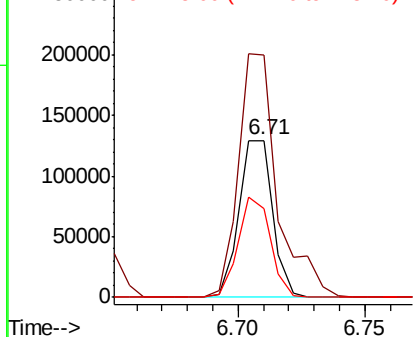
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF109387.D
Acq: 27 Sep 2018 15:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 119409
Ion Ratio Lower Upper
152 100
150 154.6 124.6 186.8
115 56.9 50.1 75.1



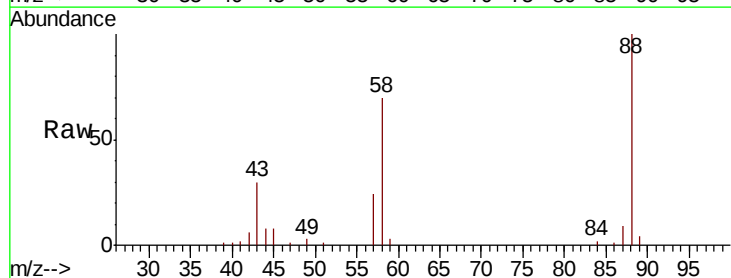
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



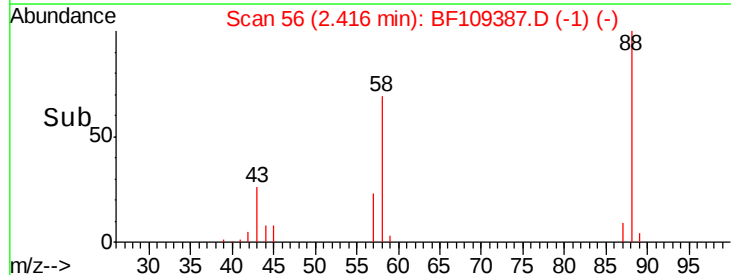
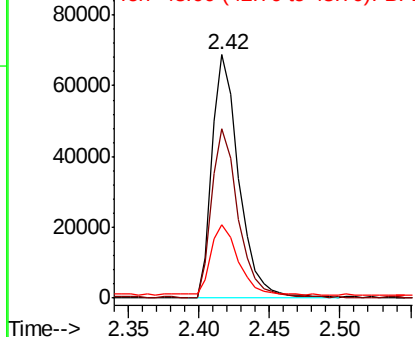
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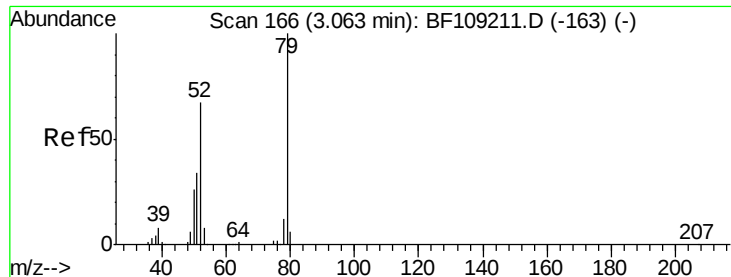
1,4-Dioxane
Concen: 27.304 ng
RT: 2.42 min Scan# 56
Delta R.T. 0.05 min
Lab File: BF109387.D
Acq: 27 Sep 2018 15:19

Tgt Ion: 88 Resp: 91165
Ion Ratio Lower Upper
88 100
58 70.0 62.6 93.8
43 30.0 24.6 37.0



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





#3

Pvridine

Concen: 28.062 ng

RT: 3.13 min Scan# 177

Delta R.T. 0.06 min

Lab File: BF109387.D

Acq: 27 Sep 2018 15:19

Instrument :

BNA_F

ClientSampleId :

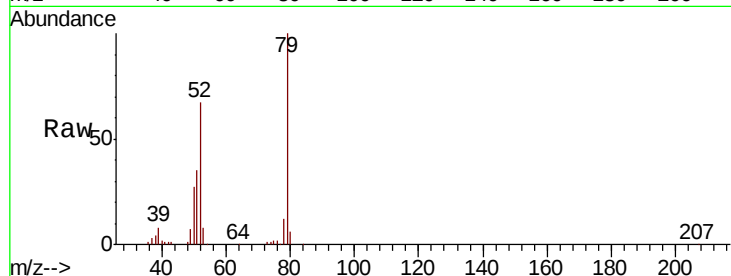
Tot Ion: 79 Resp: 241154

Ion Ratio Lower Upper

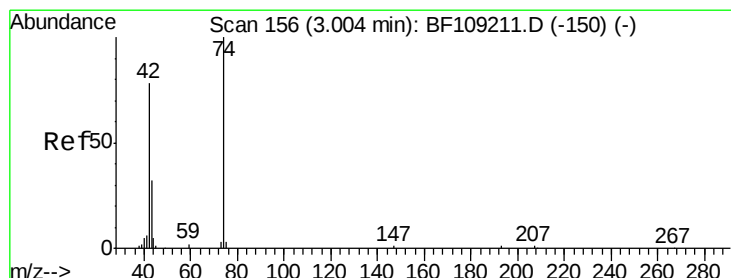
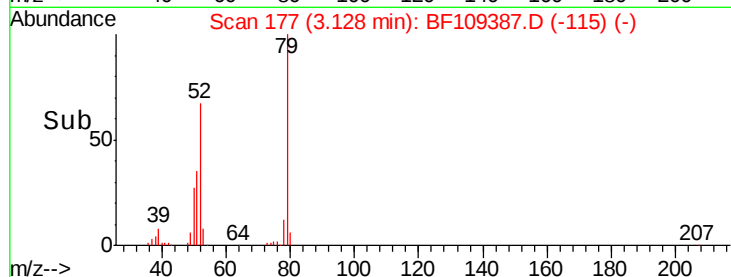
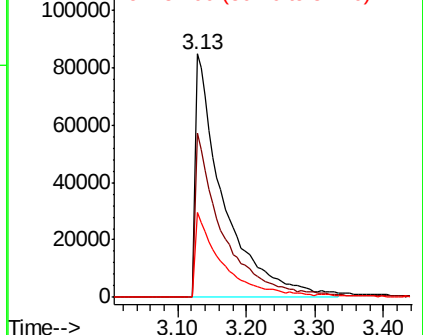
79 100

52 67.4 59.8 89.6

51 34.8 29.8 44.8



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



#4

n-Nitrosodimethylamine

Concen: 33.324 ng

RT: 3.05 min Scan# 164

Delta R.T. 0.03 min

Lab File: BF109387.D

Acq: 27 Sep 2018 15:19

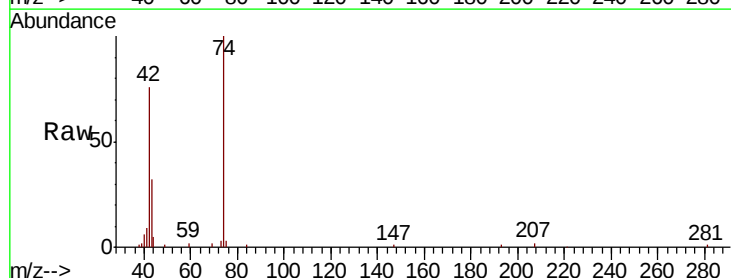
Tgt Ion: 42 Resp: 121869

Ion Ratio Lower Upper

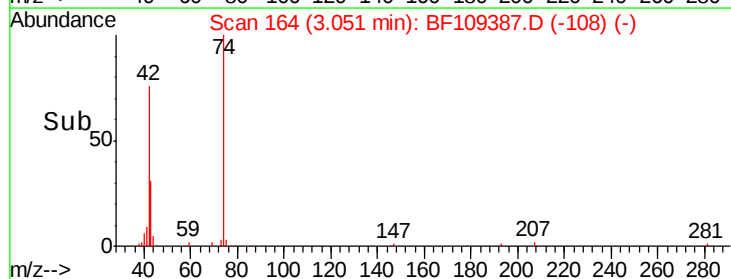
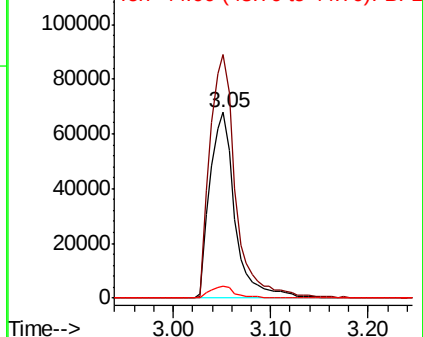
42 100

74 131.3 104.9 157.3

44 6.4 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: 102.636 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF109387.D

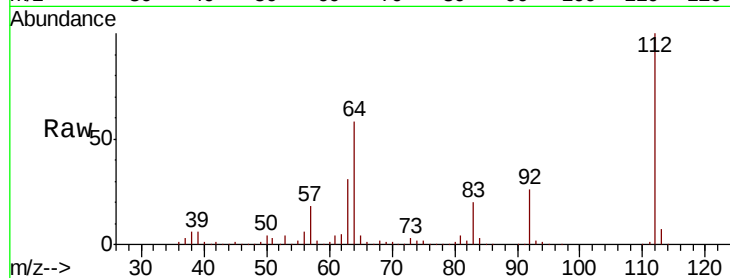
Acq: 27 Sep 2018 15:19

Instrument :

BNA_F

ClientSampled :

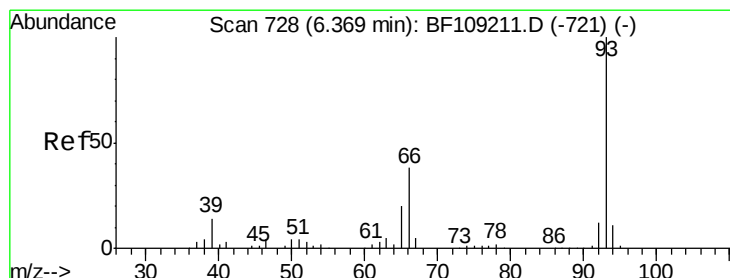
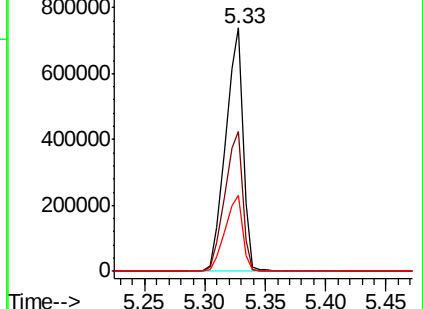
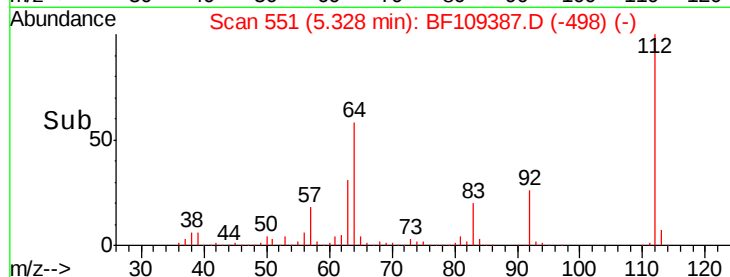
Tot Ion:	112	Resp:	744084
Ion	Ratio	Lower	Upper
112	100		
64	57.5	47.9	71.9
63	31.0	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 26.064 ng

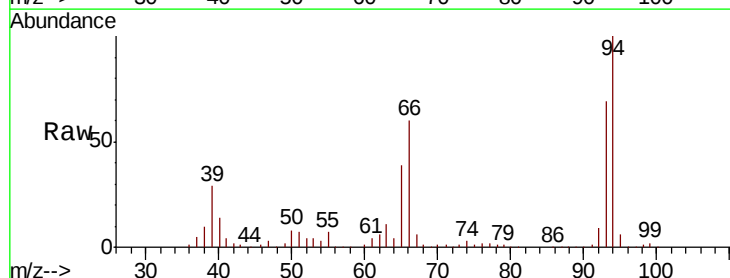
RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF109387.D

Acq: 27 Sep 2018 15:19

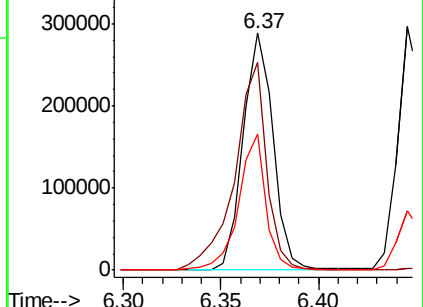
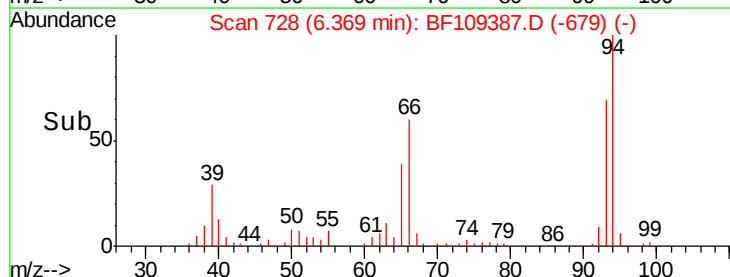
Tgt Ion:	93	Resp:	308482
Ion	Ratio	Lower	Upper
93	100		
66	87.6	32.2	48.2#
65	57.3	16.4	24.6#

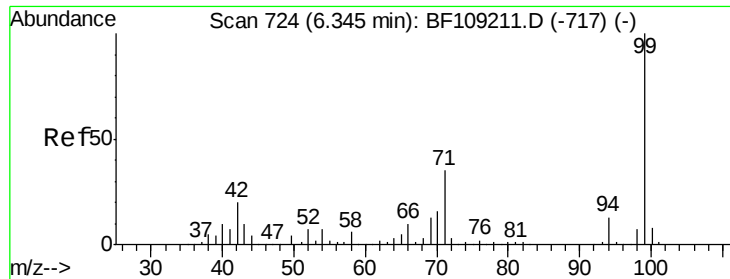


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 105.163 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF109387.D

Acq: 27 Sep 2018 15:19

Instrument :

BNA_F

ClientSampled :

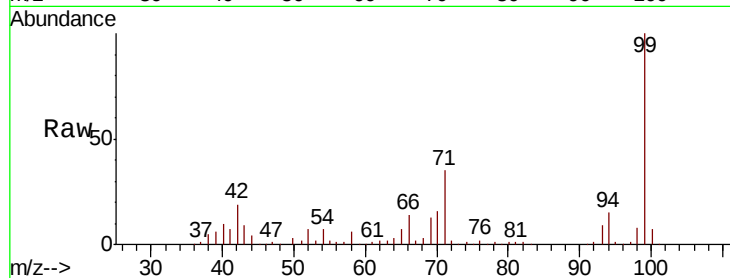
Tot Ion: 99 Resp: 972860

Ion Ratio Lower Upper

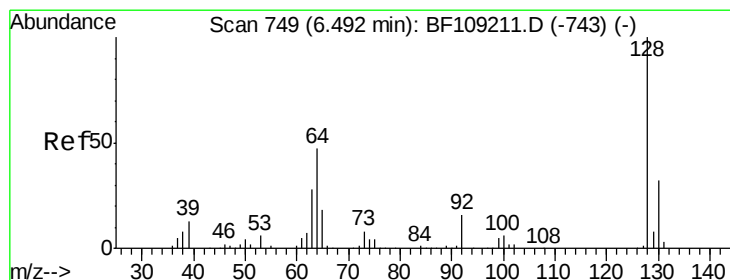
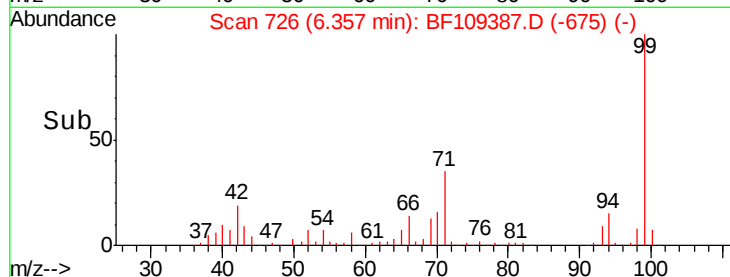
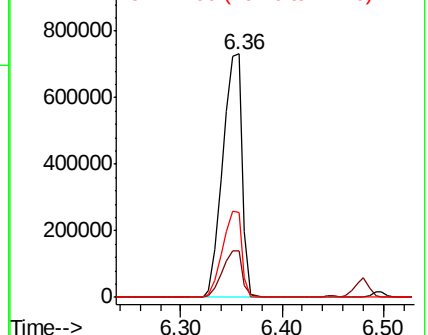
99 100

42 18.9 14.5 21.7

71 34.7 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: 32.730 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF109387.D

Acq: 27 Sep 2018 15:19

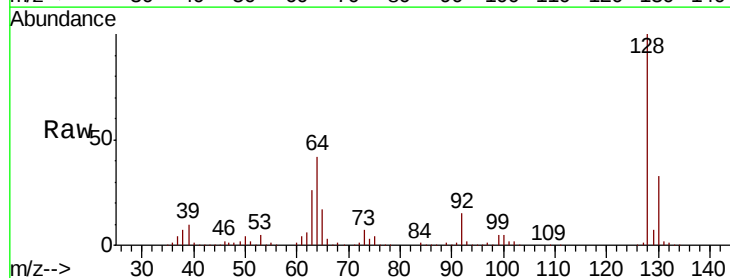
Tgt Ion: 128 Resp: 263868

Ion Ratio Lower Upper

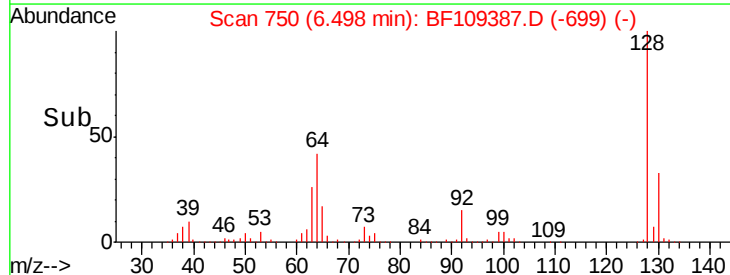
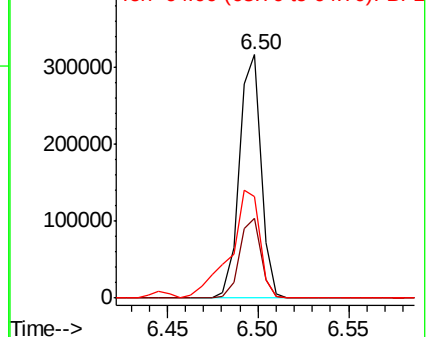
128 100

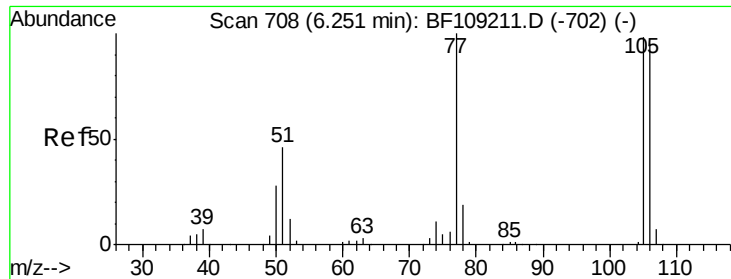
130 32.8 13.0 53.0

64 41.8 29.4 69.4



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

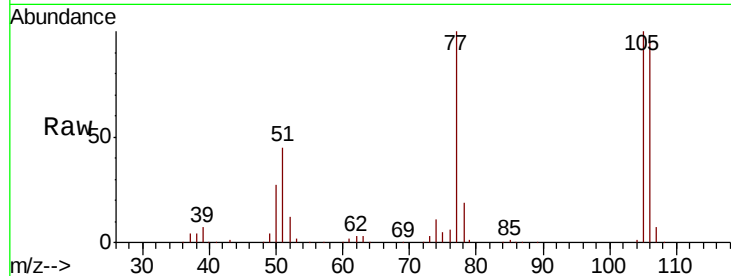




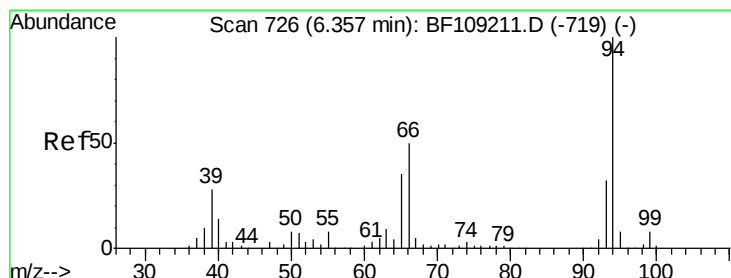
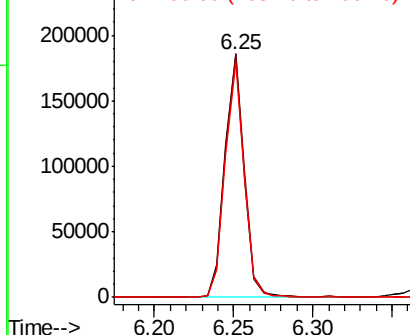
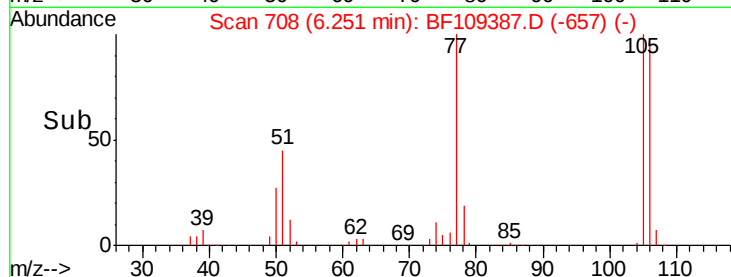
#9
Benzaldehyde
Concen: 26.067 ng
RT: 6.25 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF109387.D
Acq: 27 Sep 2018 15:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 154910
Ion Ratio Lower Upper
77 100
105 100.0 81.1 121.1
106 96.2 74.5 114.5

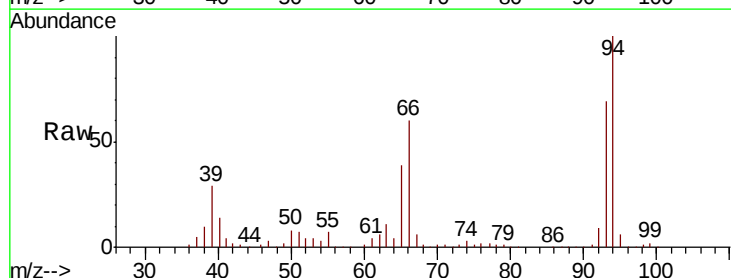


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

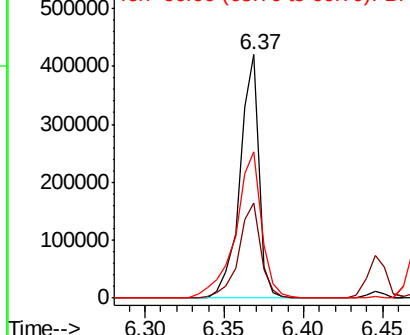
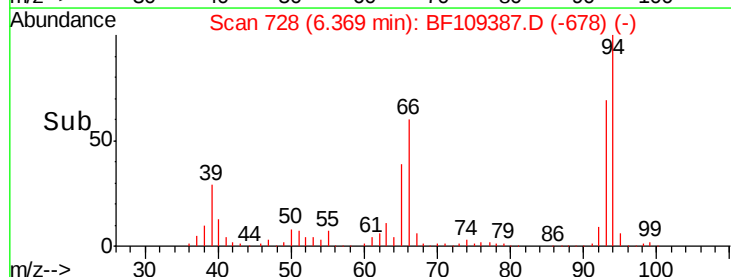


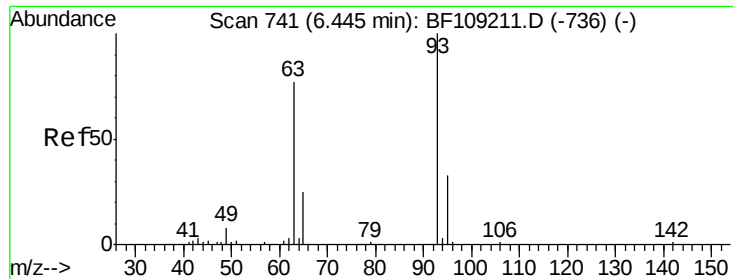
#10
Phenol
Concen: 33.351 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF109387.D
Acq: 27 Sep 2018 15:19

Tgt Ion: 94 Resp: 349404
Ion Ratio Lower Upper
94 100
65 39.3 7.9 47.9
66 60.2 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 30.884 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF109387.D

Acq: 27 Sep 2018 15:19

Instrument :

BNA_F

ClientSampleId :

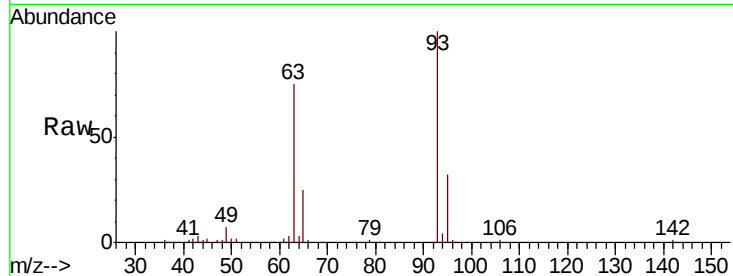
Tot Ion: 93 Resp: 253173

Ion Ratio Lower Upper

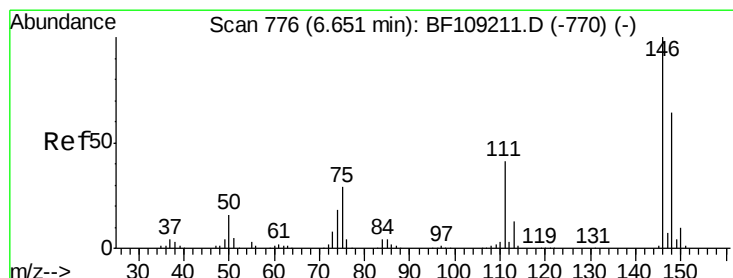
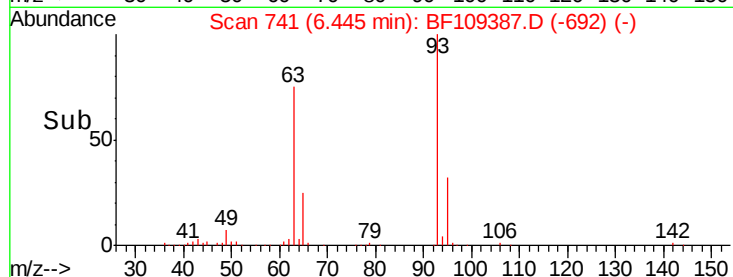
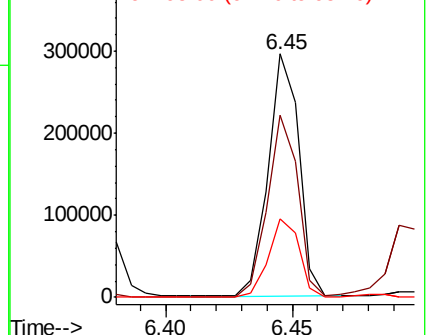
93 100

63 74.9 58.6 98.6

95 32.4 11.8 51.8



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



#12

1,3-Dichlorobenzene

Concen: 30.531 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.00 min

Lab File: BF109387.D

Acq: 27 Sep 2018 15:19

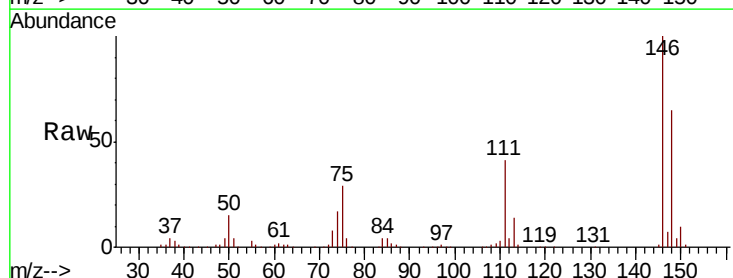
Tgt Ion: 146 Resp: 283400

Ion Ratio Lower Upper

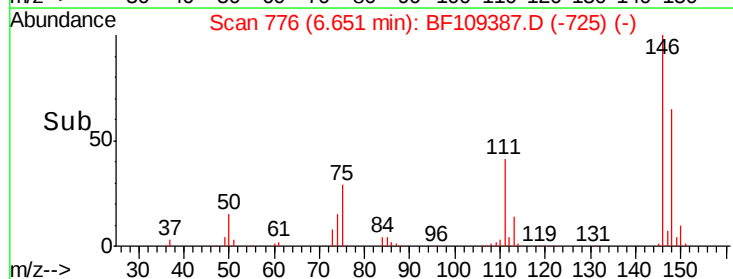
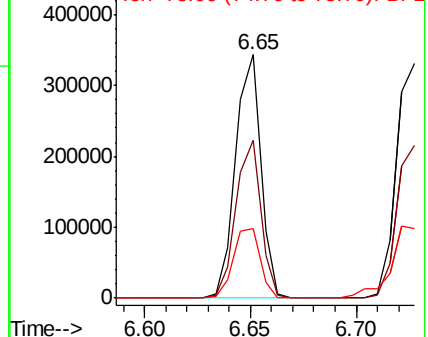
146 100

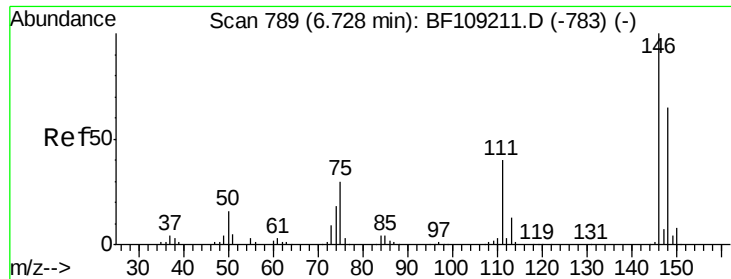
148 64.7 51.8 77.8

75 28.8 24.2 36.4



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

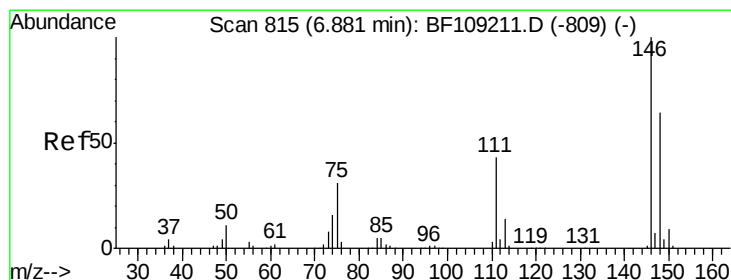
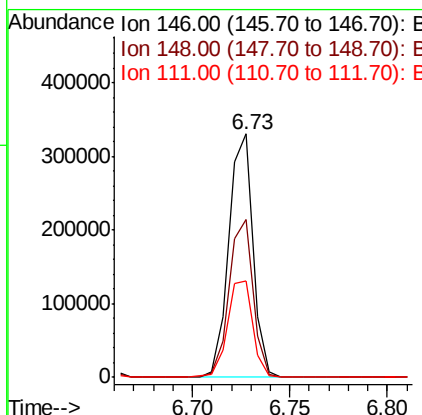
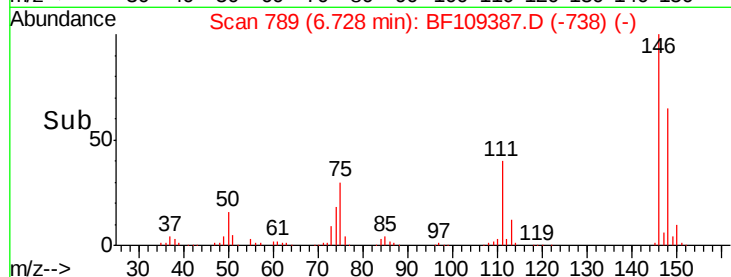
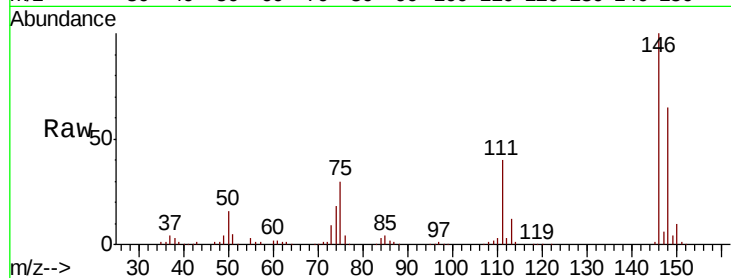




#13
 1,4-Dichlorobenzene
 Concen: 30.316 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF109387.D
 Acq: 27 Sep 2018 15:19

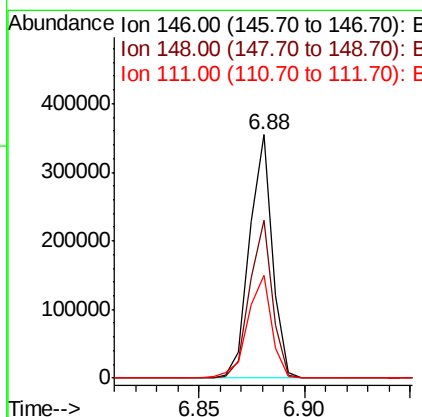
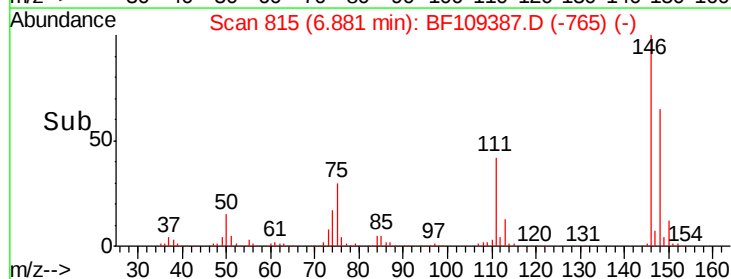
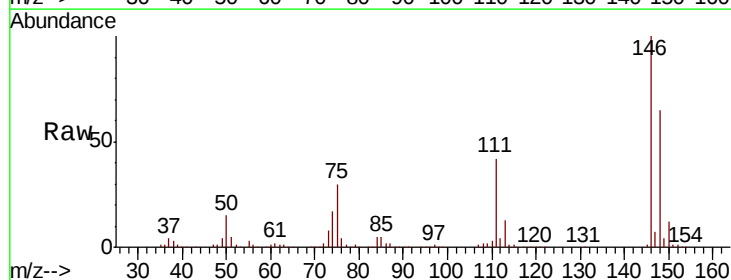
Instrument :
 BNA_F
 ClientSampleId :

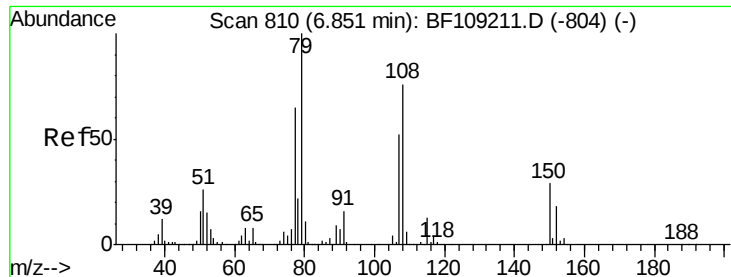
Tot Ion:146 Resp: 283495
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.8 76.2
 111 39.8 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 30.924 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF109387.D
 Acq: 27 Sep 2018 15:19

Tgt Ion:146 Resp: 266764
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.6 75.8
 111 42.3 36.0 54.0





#15

Benzyl Alcohol

Concen: 33.251 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF109387.D

Acq: 27 Sep 2018 15:19

Instrument :

BNA_F

ClientSampleId :

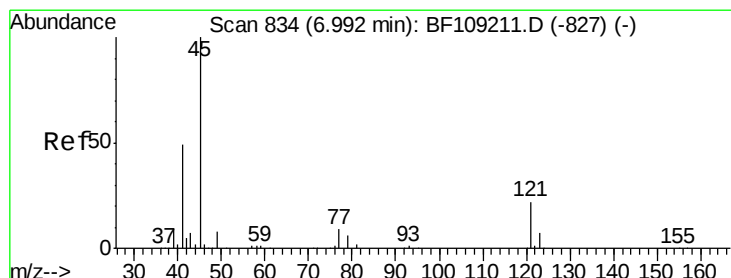
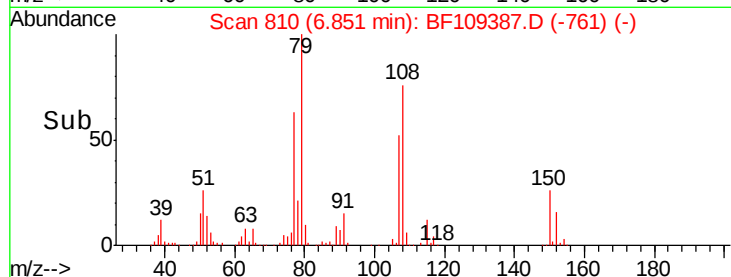
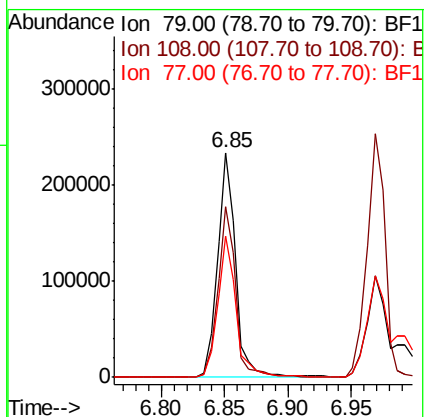
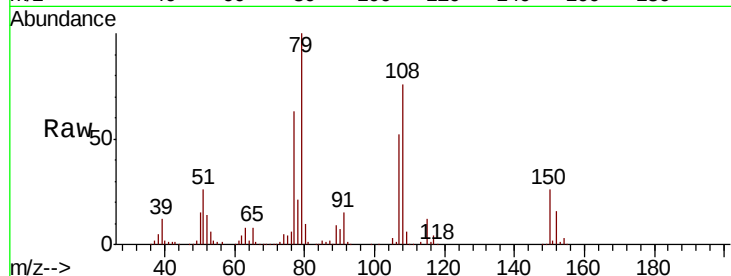
Tot Ion: 79 Resp: 235453

Ion Ratio Lower Upper

79 100

108 76.3 65.1 97.7

77 62.8 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 30.470 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF109387.D

Acq: 27 Sep 2018 15:19

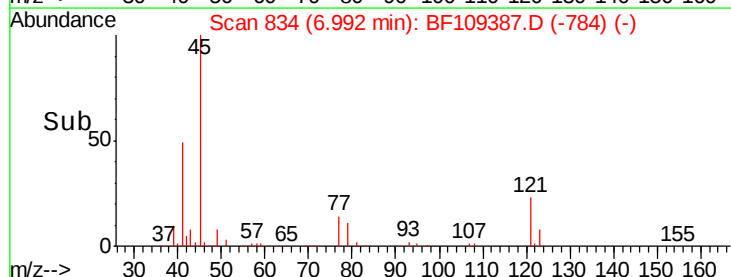
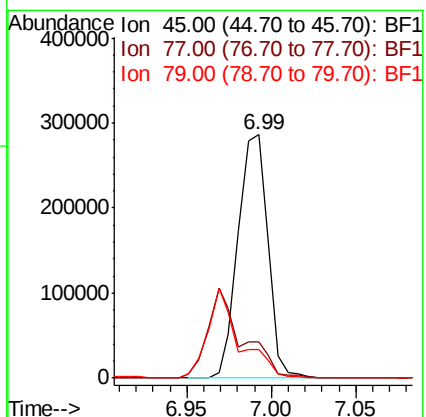
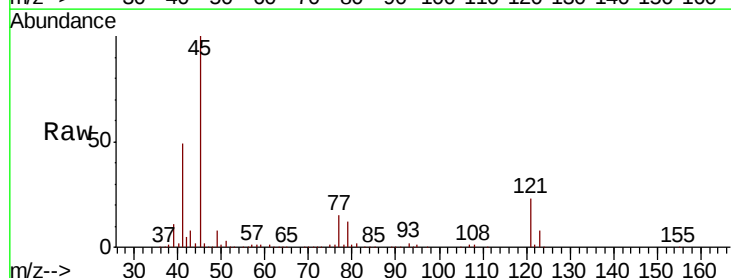
Tgt Ion: 45 Resp: 354305

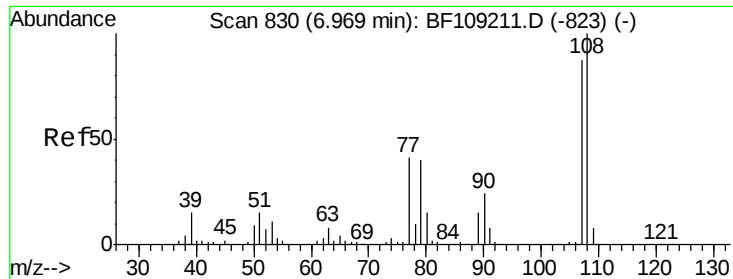
Ion Ratio Lower Upper

45 100

77 15.0 0.0 32.9

79 11.8 0.0 29.6

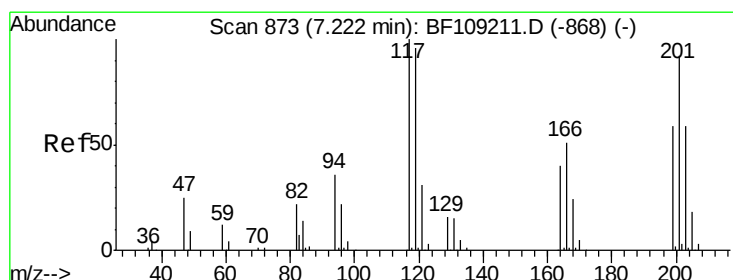
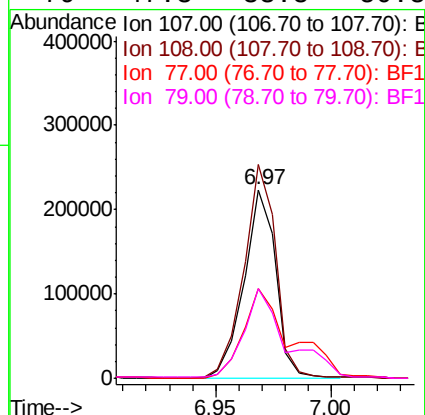
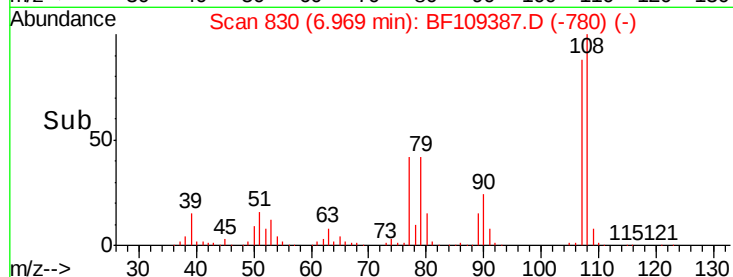
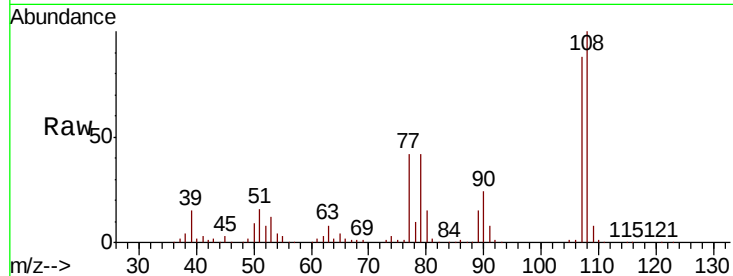




#17
2-Methylphenol
Concen: 32.981 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF109387.D
Acq: 27 Sep 2018 15:19

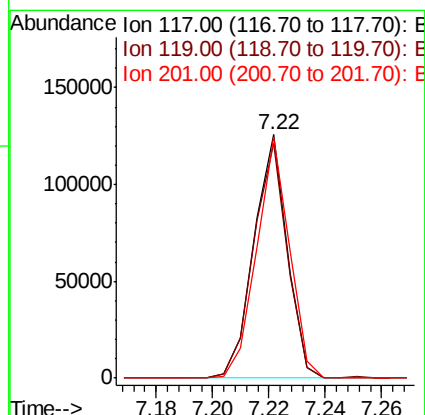
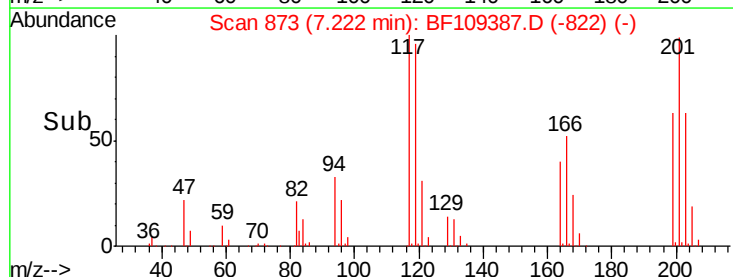
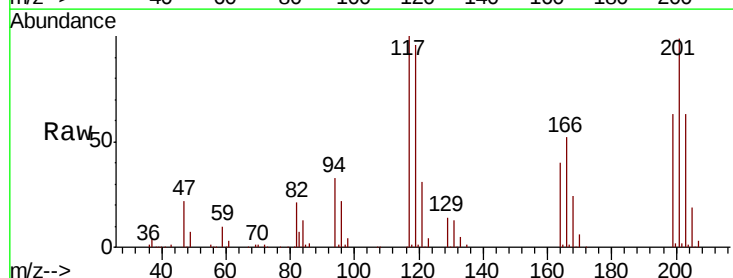
Instrument :
BNA_F
ClientSampleId :

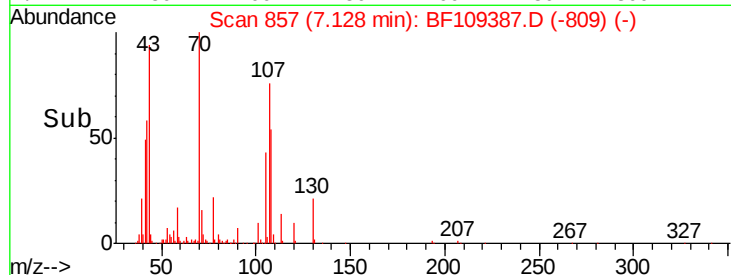
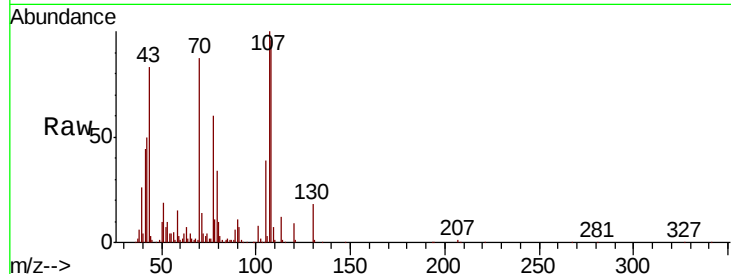
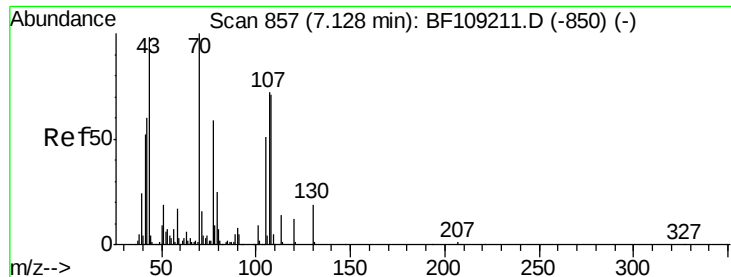
Tot Ion:	107	Resp:	215140
Ion	Ratio	Lower	Upper
107	100		
108	113.1	91.7	137.5
77	47.2	33.8	50.8
79	47.3	33.8	50.8



#18
Hexachloroethane
Concen: 31.094 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF109387.D
Acq: 27 Sep 2018 15:19

Tgt Ion:	117	Resp:	102442
Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.8	113.8
201	99.1	75.7	113.5

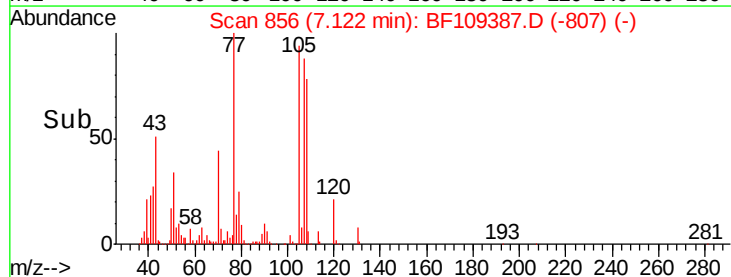
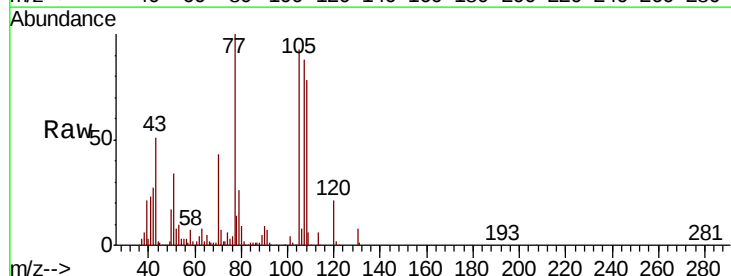
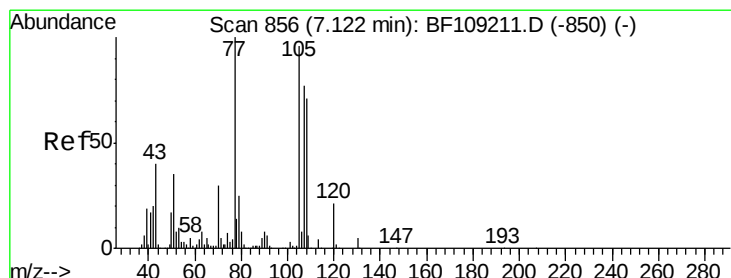
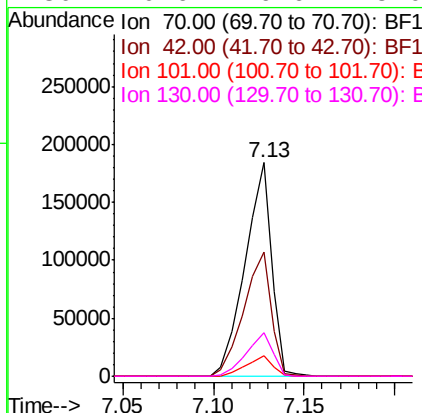




#19
n-Nitroso-di-n-propylamine
Concen: 31.010 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF109387.D
Acq: 27 Sep 2018 15:19

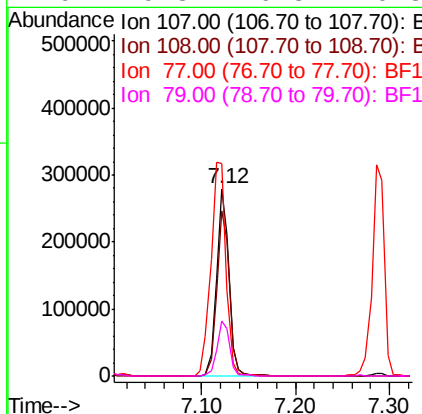
Instrument :
BNA_F
ClientSampleId :

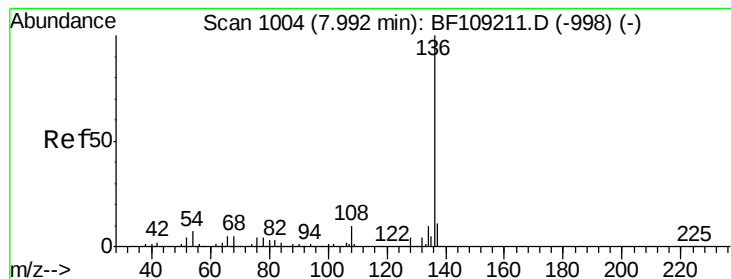
Tot Ion:	70	Resp:	187976
Ion	Ratio	Lower	Upper
70	100		
42	58.0	47.5	71.3
101	9.5	7.4	11.2
130	20.6	16.6	25.0



#20
3+4-Methylphenols
Concen: 33.219 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109387.D
Acq: 27 Sep 2018 15:19

Tgt Ion:	107	Resp:	261620
Ion	Ratio	Lower	Upper
107	100		
108	88.2	68.2	108.2
77	113.2	26.7	66.7#
79	29.3	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109387.D

Acq: 27 Sep 2018 15:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 467057

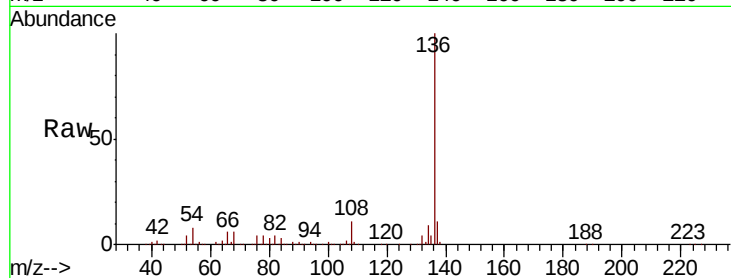
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.6 6.6 9.8

68 6.0 5.0 7.4

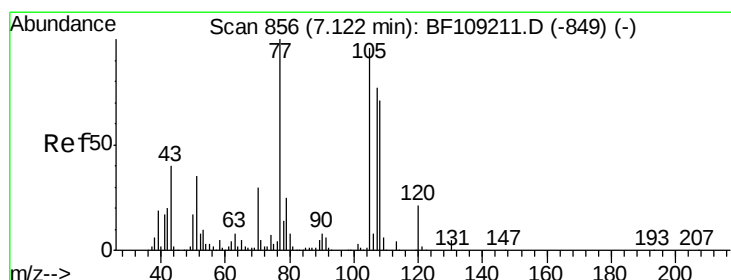
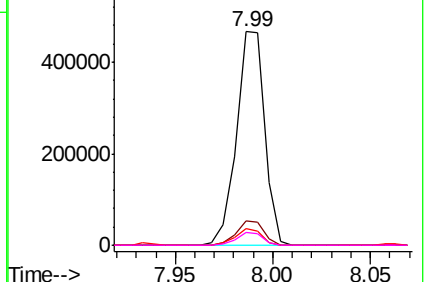
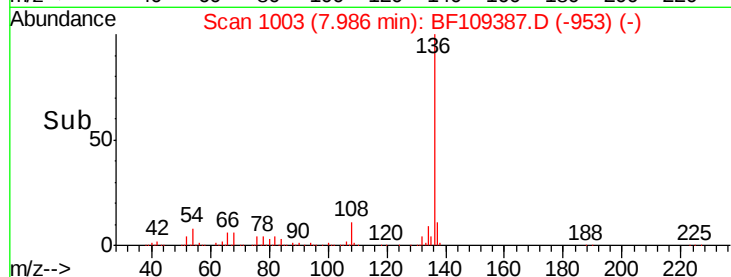


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 33.423 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF109387.D

Acq: 27 Sep 2018 15:19

Tgt Ion:105 Resp: 360912

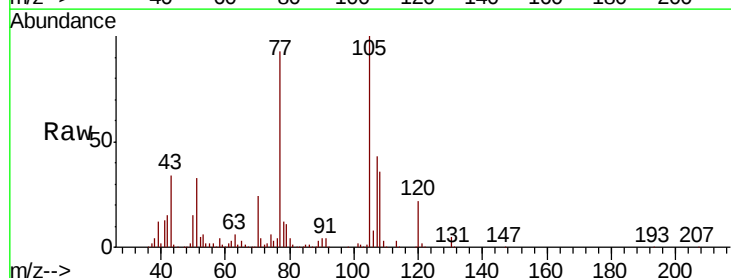
Ion Ratio Lower Upper

105 100

71 4.2 4.4 6.6#

51 33.1 22.3 33.5

120 22.2 16.9 25.3

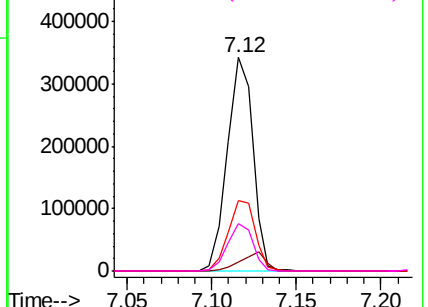
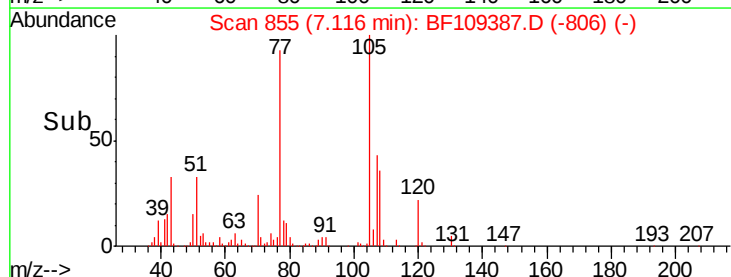


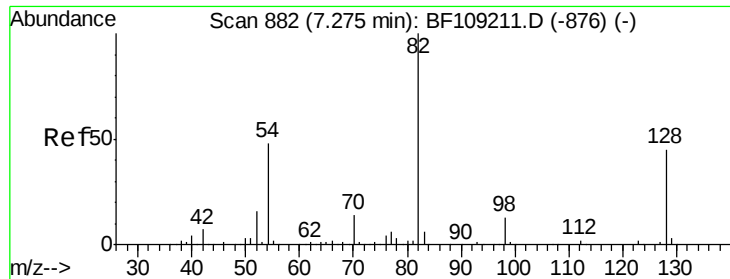
Abundance Ion 105.00 (104.70 to 105.70): E

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

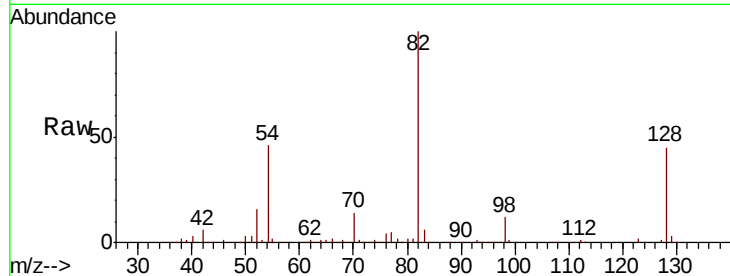




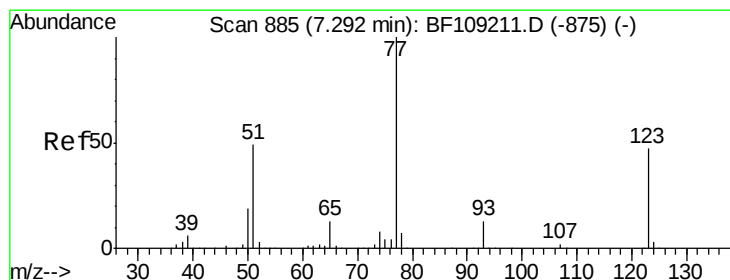
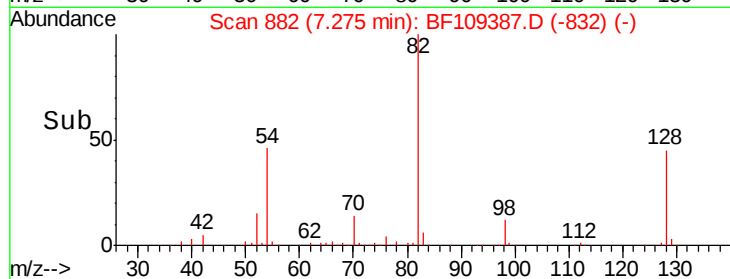
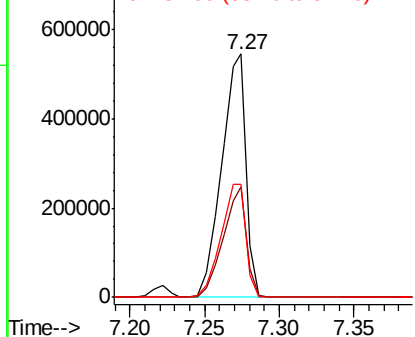
#23
 Nitrobenzene-d5
 Concen: 79.201 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF109387.D
 Acq: 27 Sep 2018 15:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	46.4	41.4	62.2

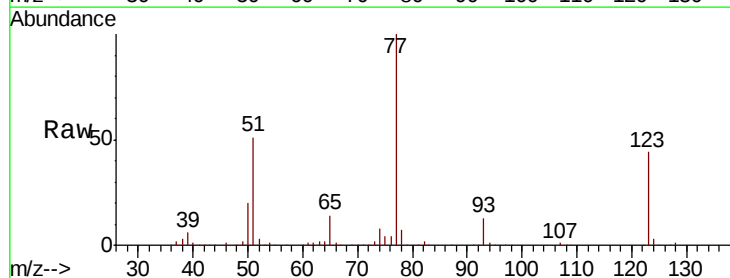


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

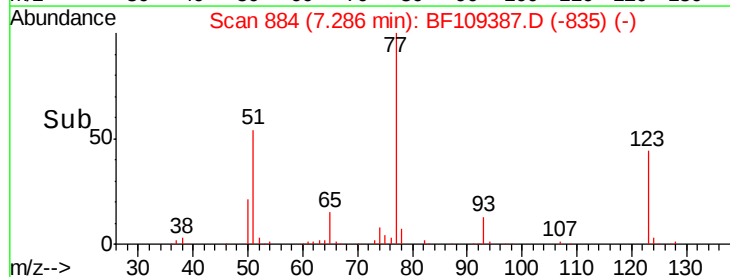
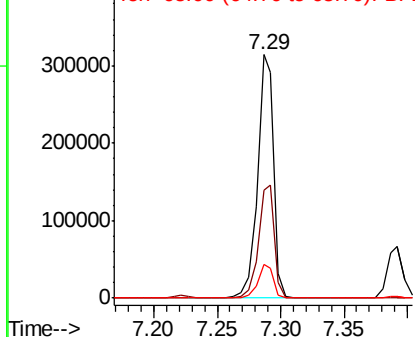


#24
 Nitrobenzene
 Concen: 33.311 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF109387.D
 Acq: 27 Sep 2018 15:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.4	37.9	56.9
65	14.0	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

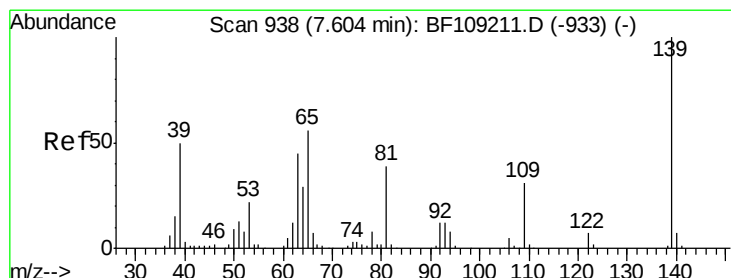
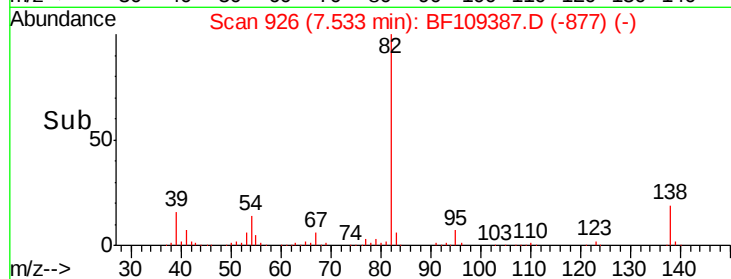
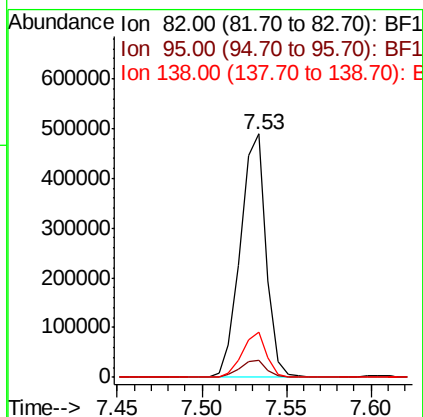
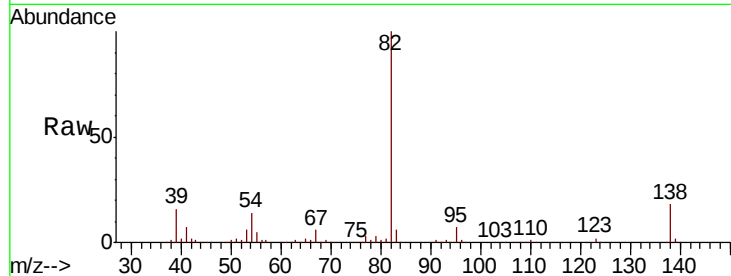




#25
Isophorone
Concen: 36.395 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF109387.D
Acq: 27 Sep 2018 15:19

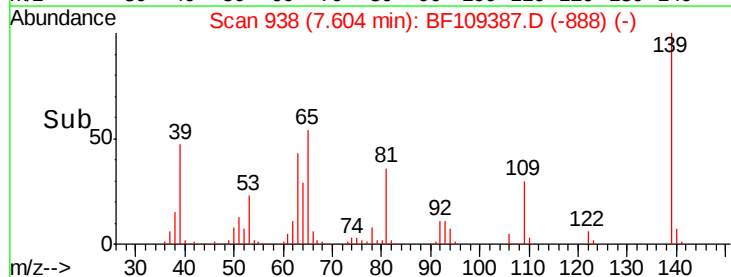
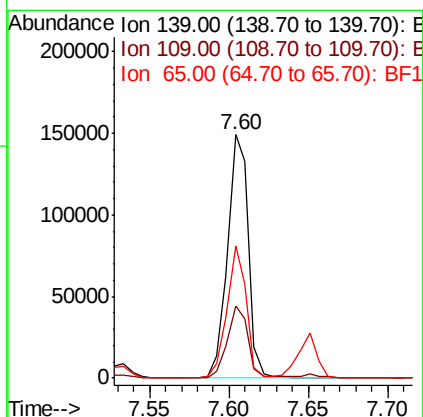
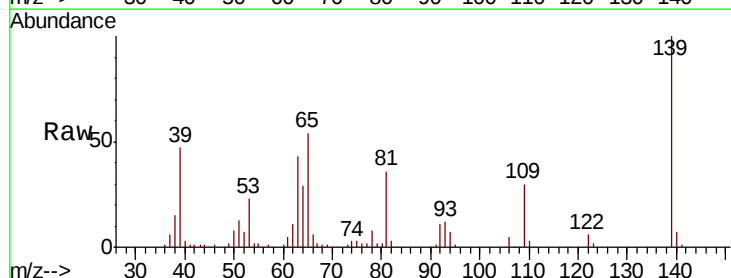
Instrument :
BNA_F
ClientSampleId :

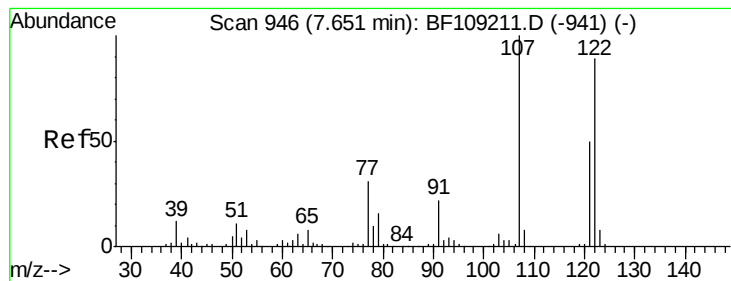
Tot Ion: 82 Resp: 518531
Ion Ratio Lower Upper
82 100
95 7.2 5.2 7.8
138 18.5 14.9 22.3



#26
2-Nitrophenol
Concen: 40.655 ng
RT: 7.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF109387.D
Acq: 27 Sep 2018 15:19

Tgt Ion: 139 Resp: 135257
Ion Ratio Lower Upper
139 100
109 29.8 22.7 34.1
65 54.3 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 37.469 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF109387.D

Acq: 27 Sep 2018 15:19

Instrument :

BNA_F

ClientSampleId :

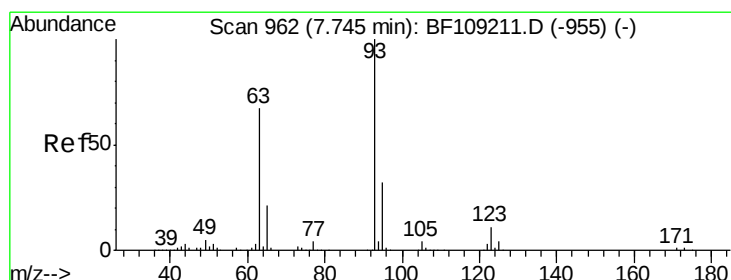
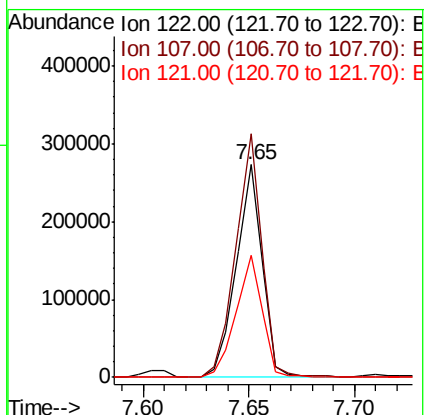
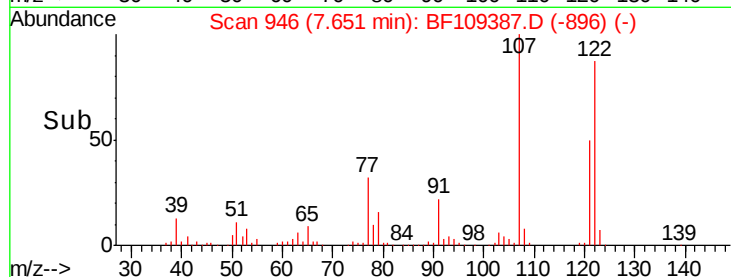
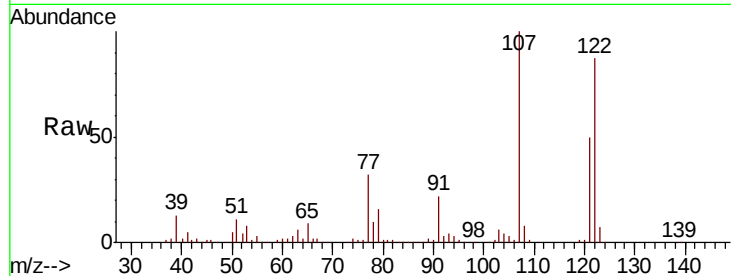
Tot Ion:122 Resp: 232604

Ion Ratio Lower Upper

122 100

107 114.6 91.2 136.8

121 57.7 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 34.796 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF109387.D

Acq: 27 Sep 2018 15:19

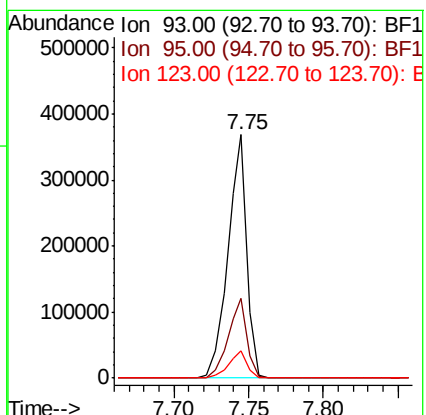
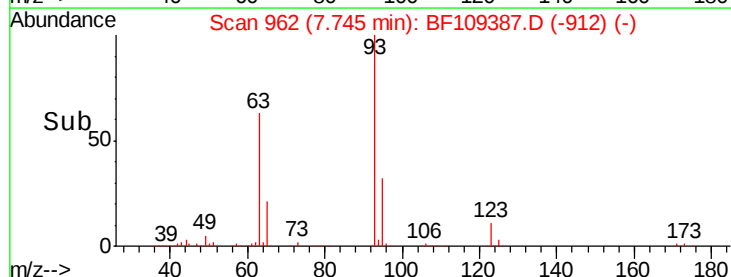
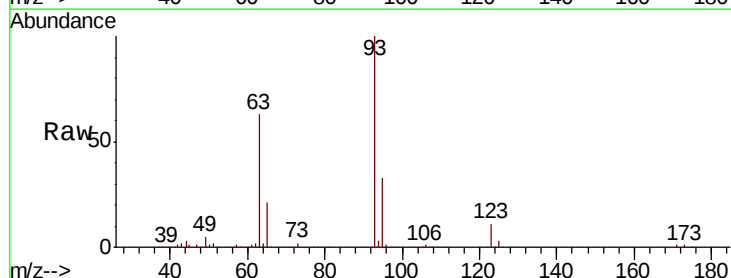
Tgt Ion: 93 Resp: 328172

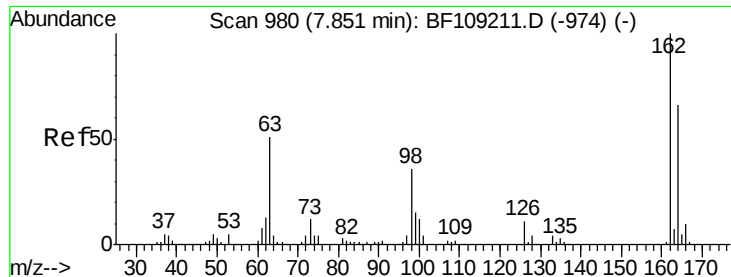
Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

123 11.2 9.8 14.6

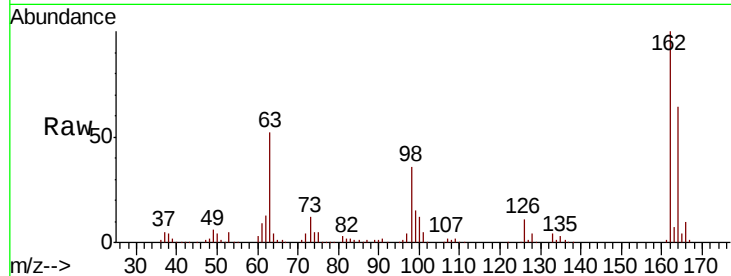




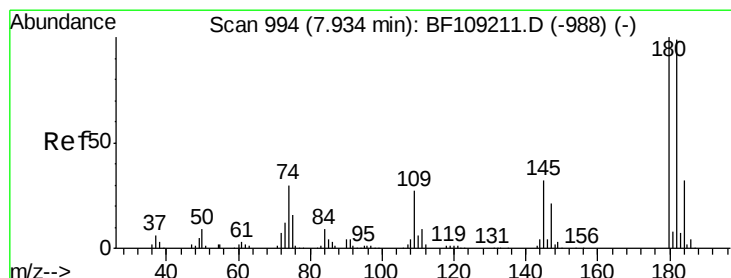
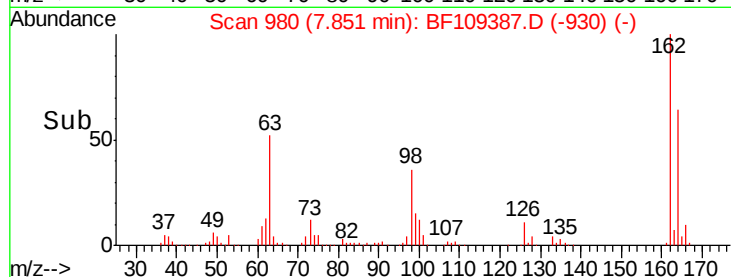
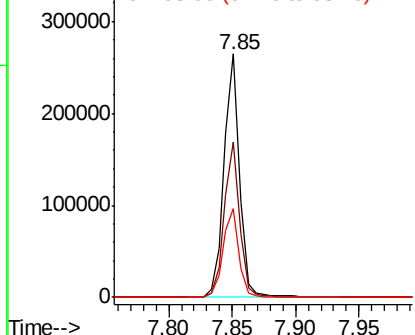
#29
 2,4-Dichlorophenol
 Concen: 34.701 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF109387.D
 Acq: 27 Sep 2018 15:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	42.7	82.7
98	36.2	18.1	58.1

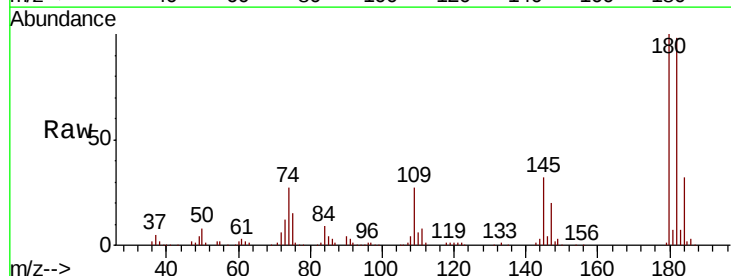


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

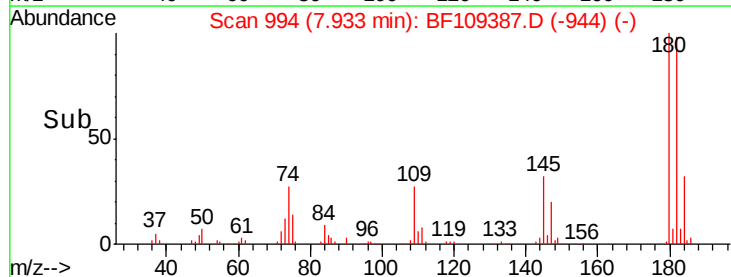
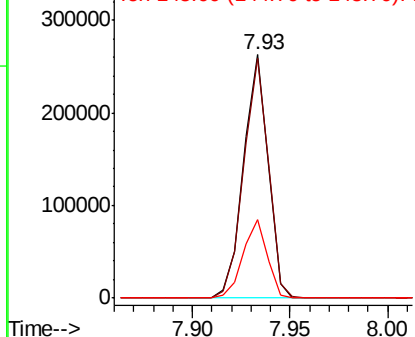


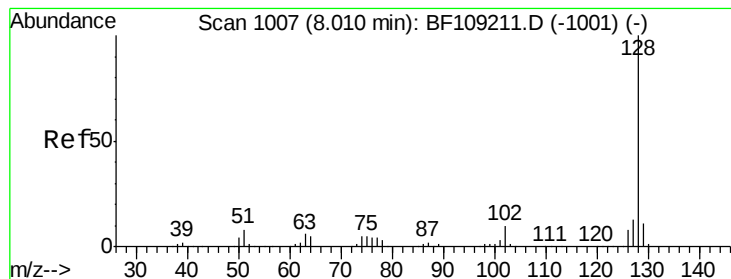
#30
 1,2,4-Trichlorobenzene
 Concen: 31.592 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF109387.D
 Acq: 27 Sep 2018 15:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.5	76.8	115.2
145	32.0	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: 34.459 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF109387.D

Acq: 27 Sep 2018 15:19

Instrument :

BNA_F

ClientSampleId :

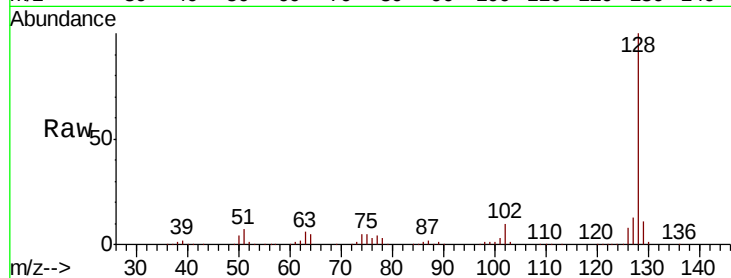
Tot Ion:128 Resp: 752083

Ion Ratio Lower Upper

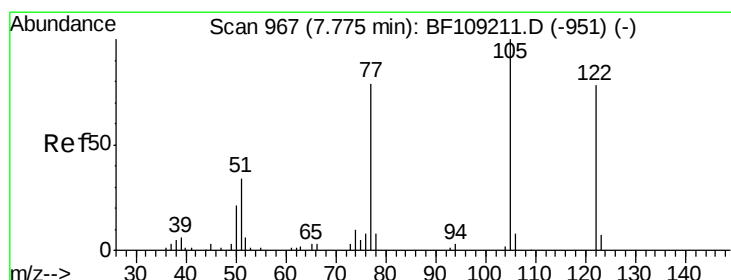
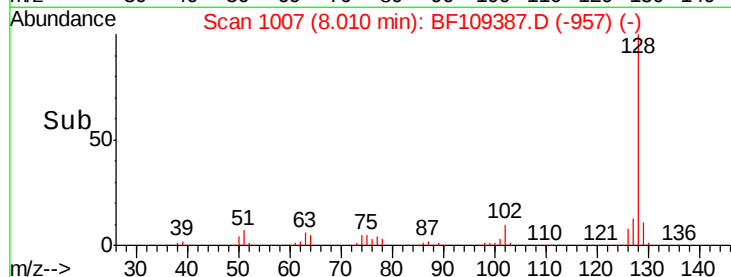
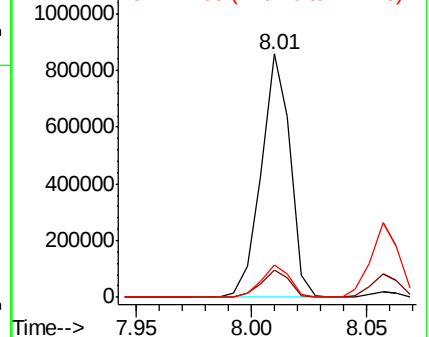
128 100

129 11.1 8.8 13.2

127 13.2 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: 54.127 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.17 min

Lab File: BF109387.D

Acq: 27 Sep 2018 15:19

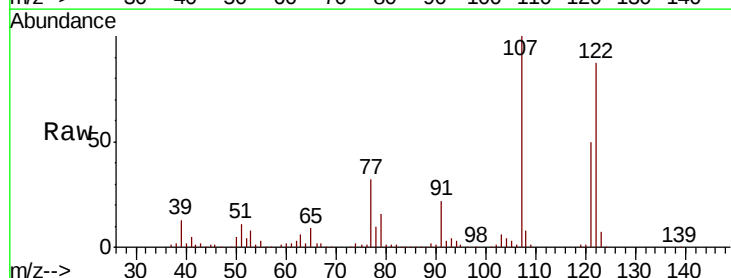
Tgt Ion:122 Resp: 232604

Ion Ratio Lower Upper

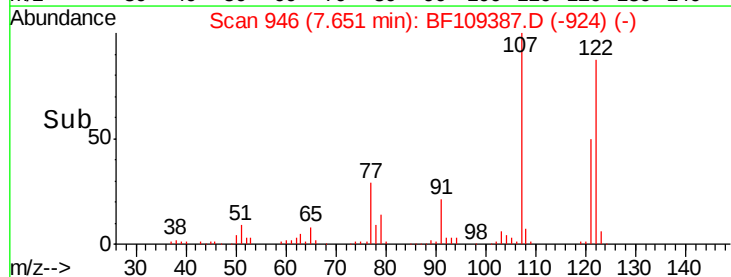
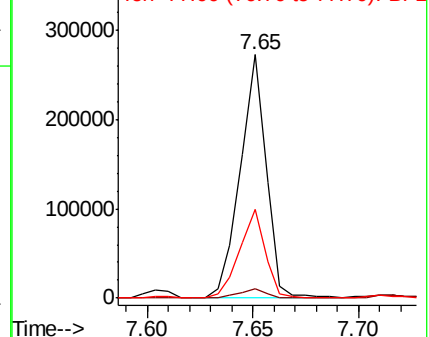
122 100

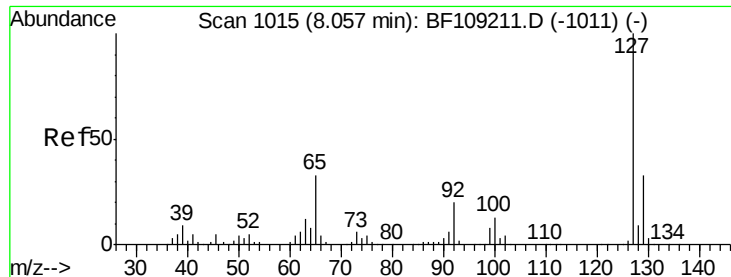
105 3.9 101.1 141.1#

77 36.3 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

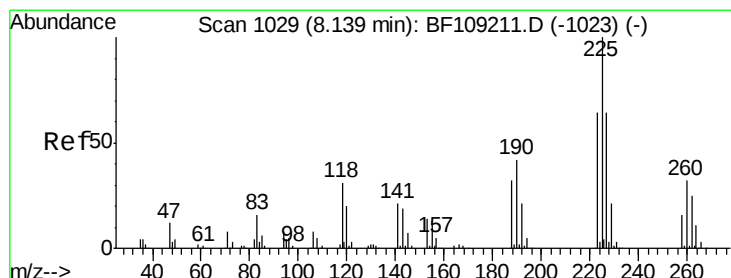
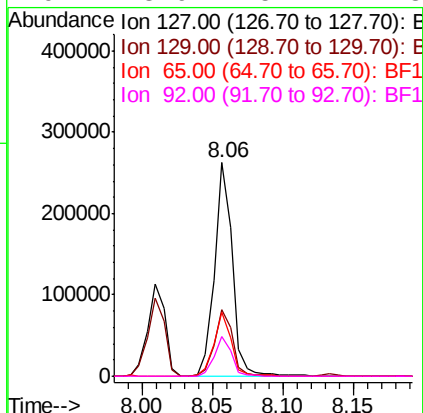
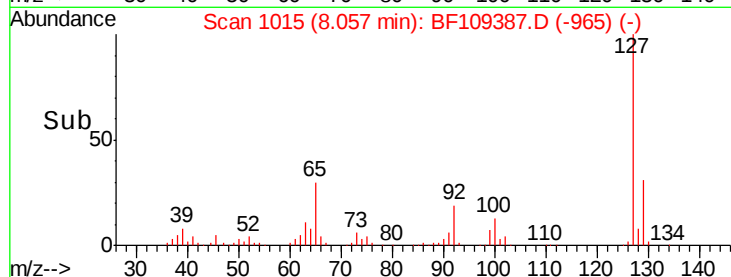
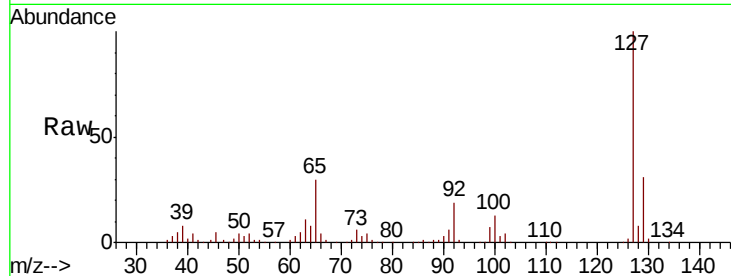




#33
4-Chloroaniline
Concen: 24.006 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF109387.D
Acq: 27 Sep 2018 15:19

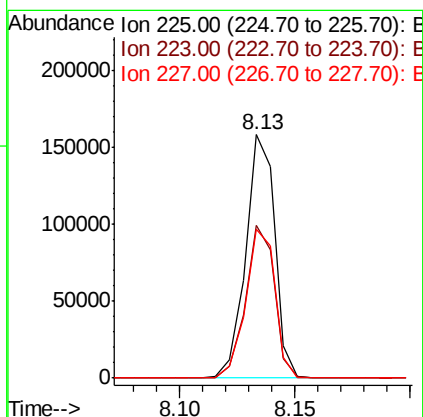
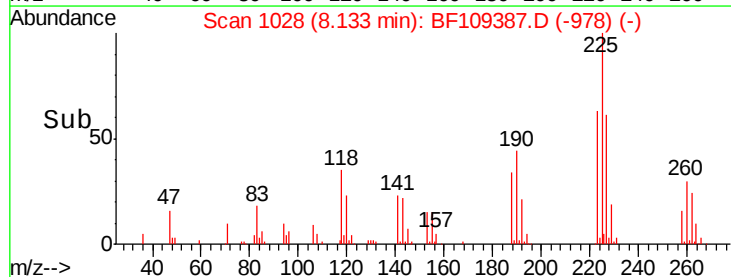
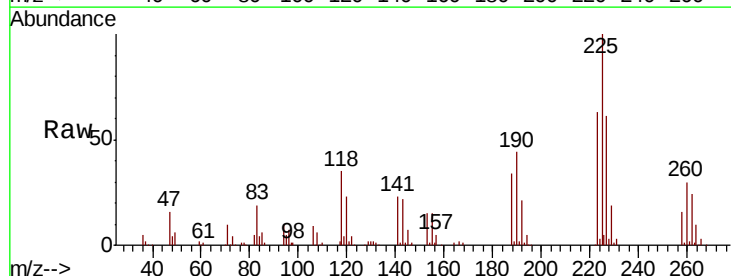
Instrument :
BNA_F
ClientSampleId :

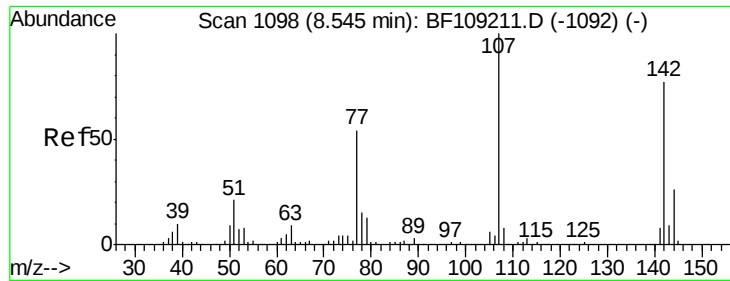
Tot Ion:127	Resp:	228885
Ion Ratio	Lower	Upper
127 100		
129 30.9	25.9	38.9
65 30.2	25.0	37.4
92 18.9	15.2	22.8



#34
Hexachlorobutadiene
Concen: 31.784 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF109387.D
Acq: 27 Sep 2018 15:19

Tgt Ion:225	Resp:	139651
Ion Ratio	Lower	Upper
225 100		
223 62.6	50.6	76.0
227 61.3	51.9	77.9

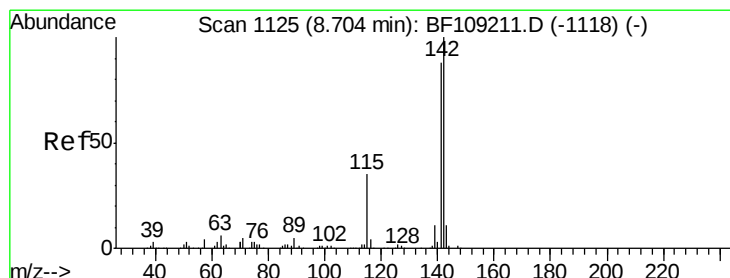
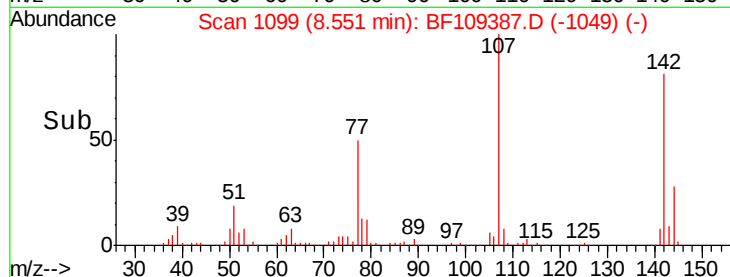
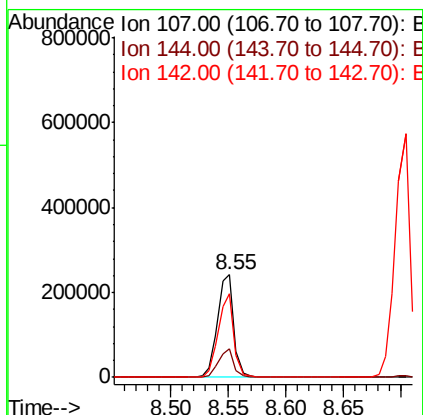
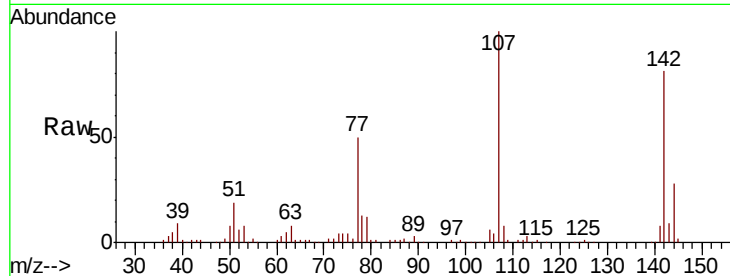




#36
 4-Chloro-3-methylphenol
 Concen: 34.736 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF109387.D
 Acq: 27 Sep 2018 15:19

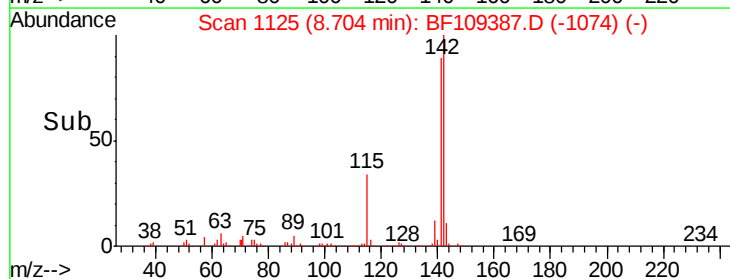
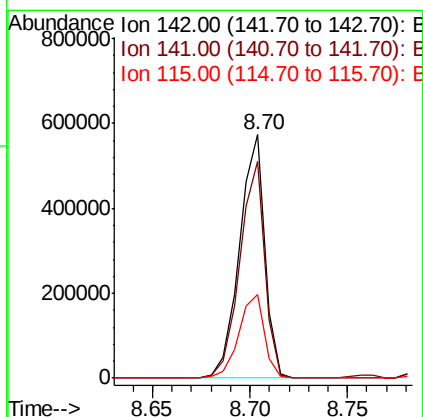
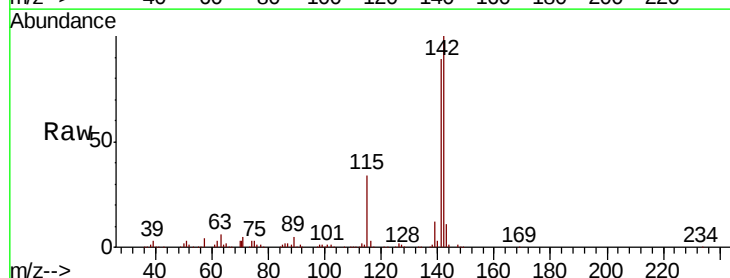
Instrument :
 BNA_F
 ClientSampled :

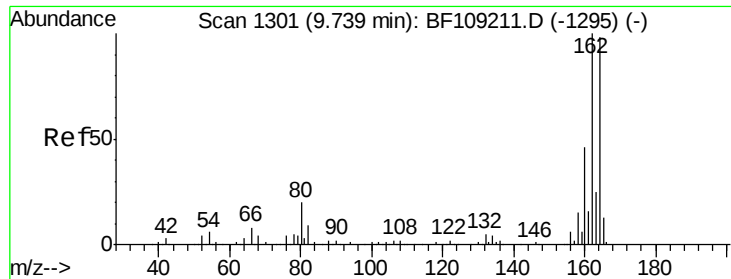
Tot Ion	Ratio	Lower	Upper
107	100		
144	28.0	20.5	30.7
142	81.3	62.0	93.0



#37
 2-Methylnaphthalene
 Concen: 36.477 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. -0.00 min
 Lab File: BF109387.D
 Acq: 27 Sep 2018 15:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.8	106.2
115	34.5	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: BF109387.D

Acq: 27 Sep 2018 15:19

Instrument :

BNA_F

ClientSampleId :

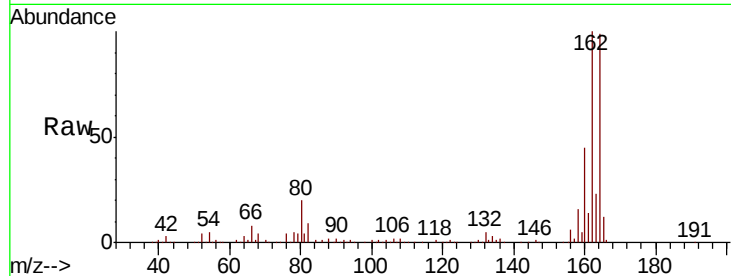
Tot Ion:164 Resp: 227036

Ion Ratio Lower Upper

164 100

162 101.3 86.1 129.1

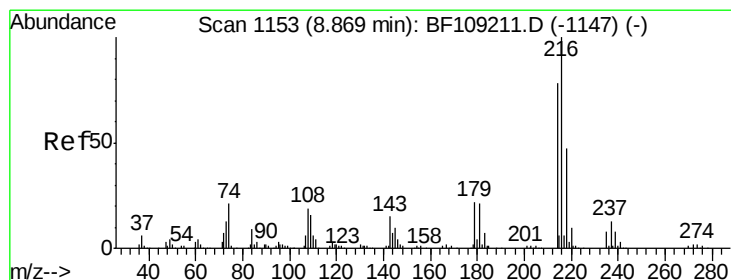
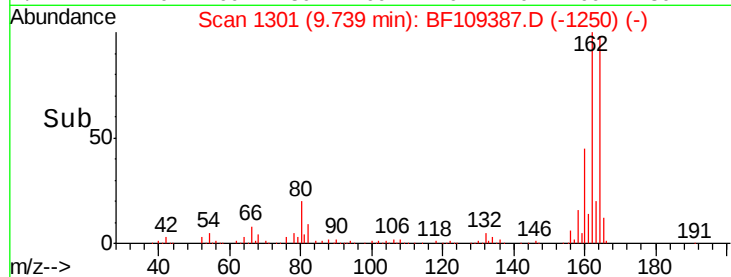
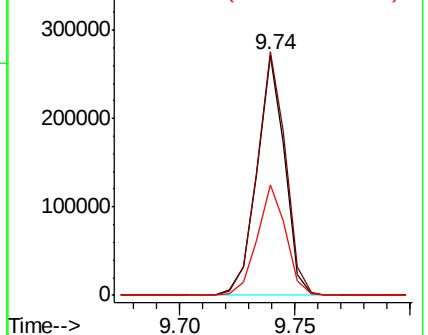
160 46.0 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.025 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF109387.D

Acq: 27 Sep 2018 15:19

Tgt Ion:216 Resp: 231396

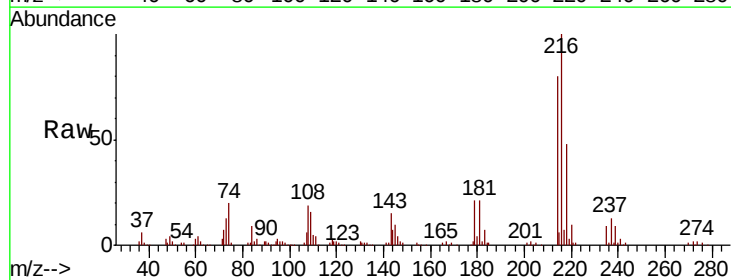
Ion Ratio Lower Upper

216 100

214 79.8 63.0 94.4

179 20.5 18.1 27.1

108 19.4 17.2 25.8

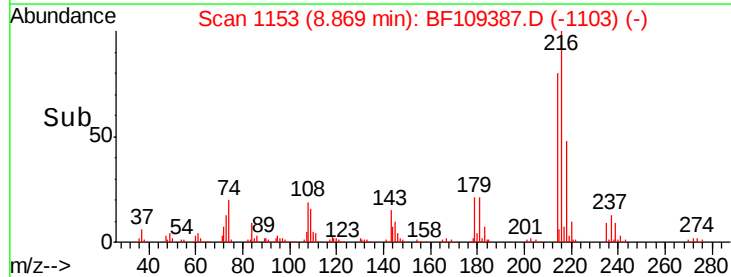
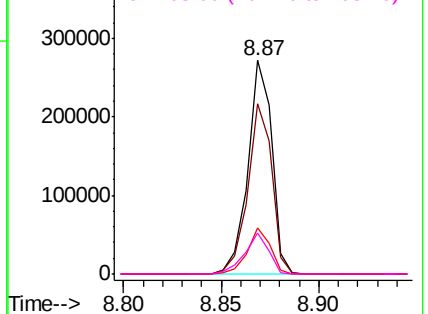


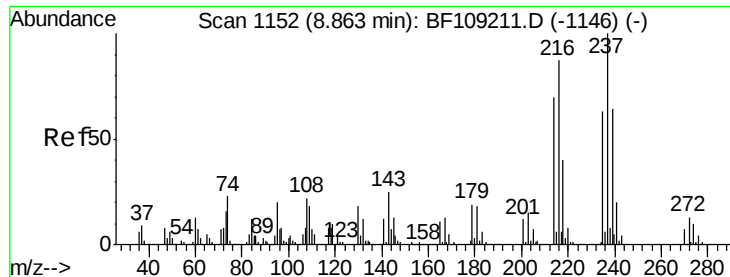
Abundance Ion 216.00 (215.70 to 216.70): E

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

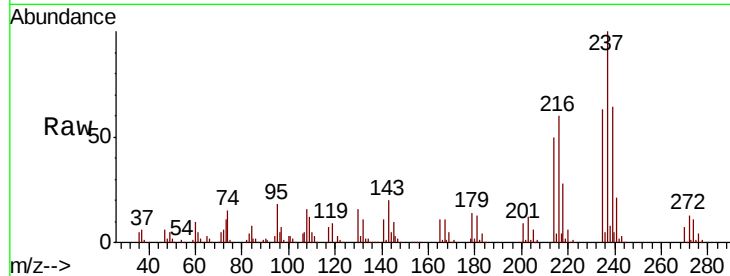




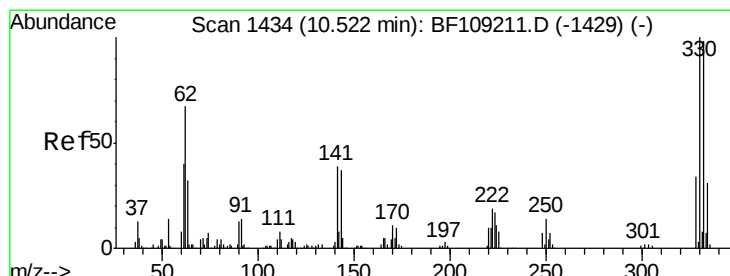
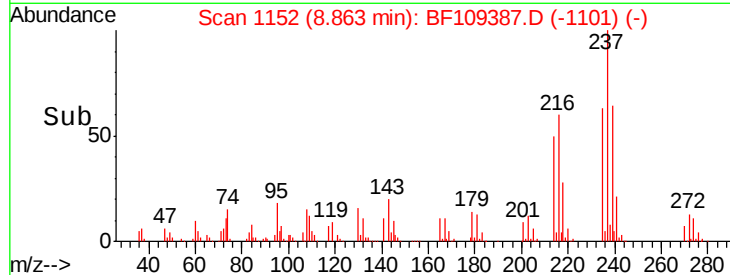
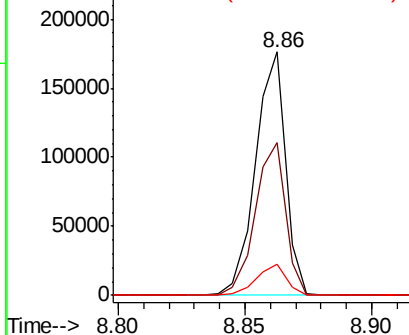
#40
Hexachlorocyclopentadiene
Concen: 46.413 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF109387.D
Acq: 27 Sep 2018 15:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 237 Resp: 146274
Ion Ratio Lower Upper
237 100
235 62.6 44.8 84.8
272 12.9 0.0 33.3

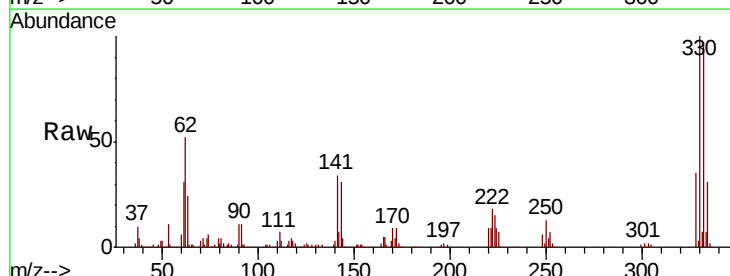


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

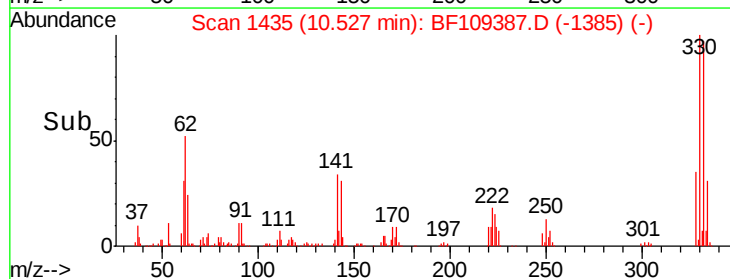
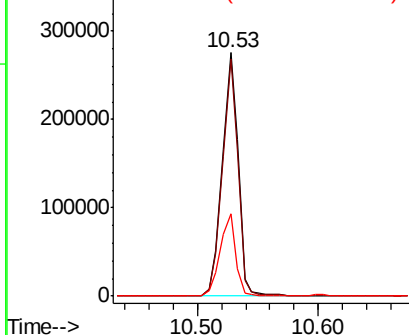


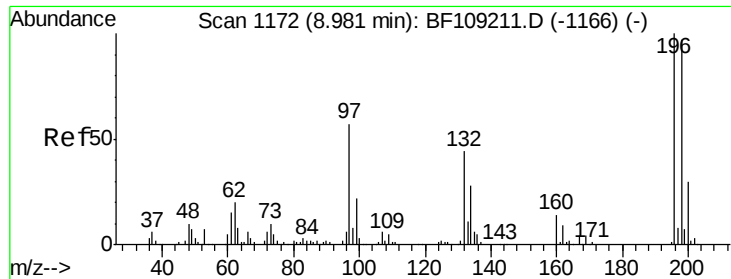
#41
2,4,6-Tribromophenol
Concen: 112.879 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF109387.D
Acq: 27 Sep 2018 15:19

Tgt Ion: 330 Resp: 252634
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.6
141 32.8 29.9 44.9



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

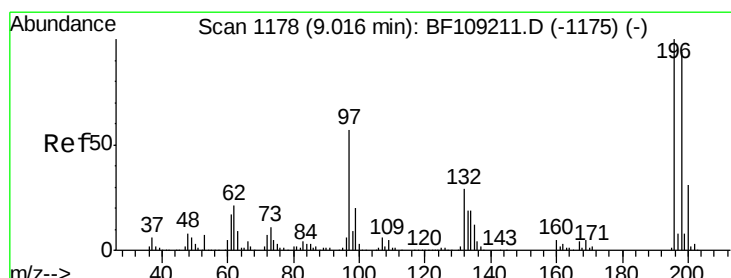
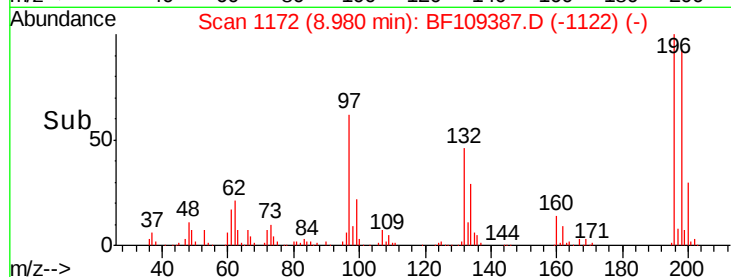
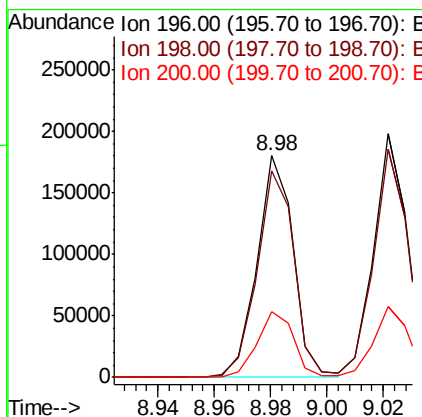
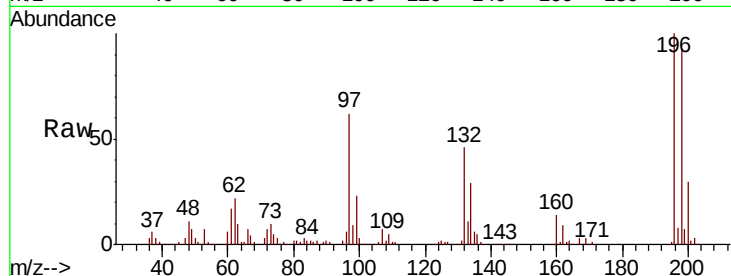




#42
 2,4,6-Trichlorophenol
 Concen: 34.560 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF109387.D
 Acq: 27 Sep 2018 15:19

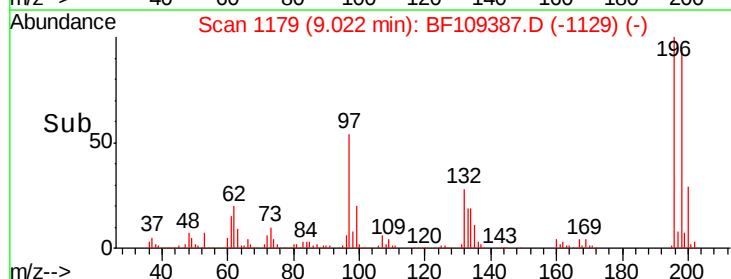
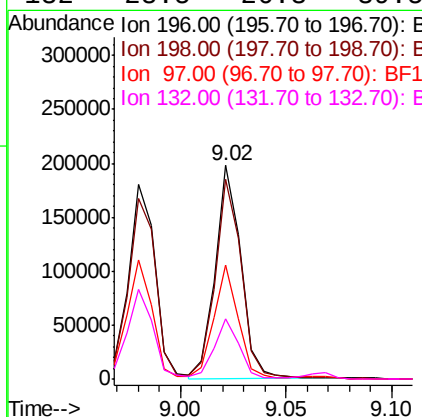
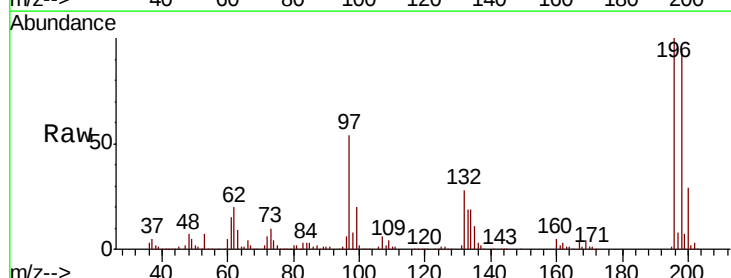
Instrument :
 BNA_F
 ClientSampled :

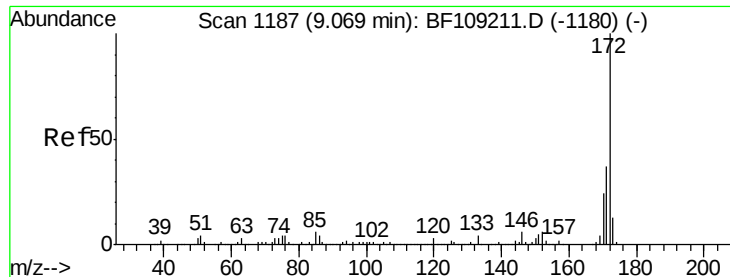
Tot Ion:196	Resp:	160267
Ion Ratio	Lower	Upper
196	100	
198	93.0	75.7 113.5
200	29.8	24.5 36.7



#43
 2,4,5-Trichlorophenol
 Concen: 34.212 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF109387.D
 Acq: 27 Sep 2018 15:19

Tgt Ion:196	Resp:	167562
Ion Ratio	Lower	Upper
196	100	
198	93.8	74.6 112.0
97	53.5	42.9 64.3
132	28.5	26.3 39.5





#44

2-Fluorobiphenyl

Concen: 72.669 ng

RT: 9.07 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF109387.D

Acq: 27 Sep 2018 15:19

Instrument :

BNA_F

ClientSampled :

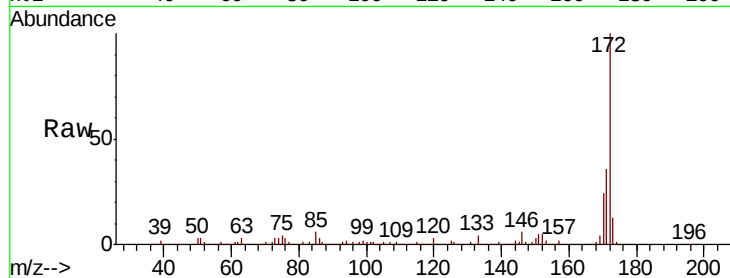
Tot Ion:172 Resp: 1093920

Ion Ratio Lower Upper

172 100

171 36.1 29.7 44.5

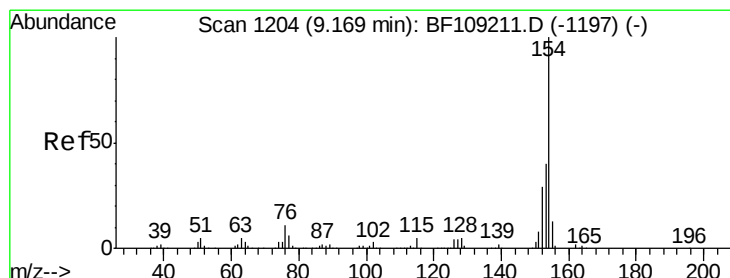
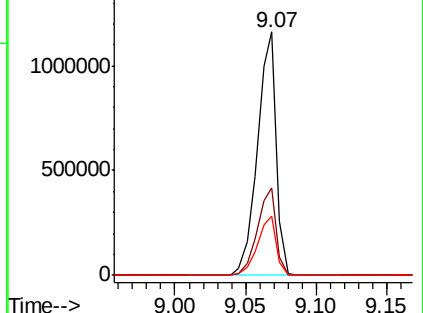
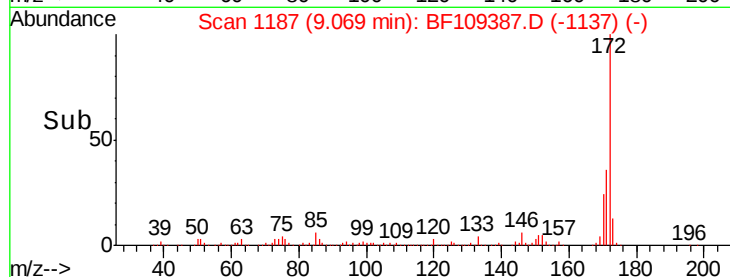
170 24.4 19.6 29.4



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: 33.264 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF109387.D

Acq: 27 Sep 2018 15:19

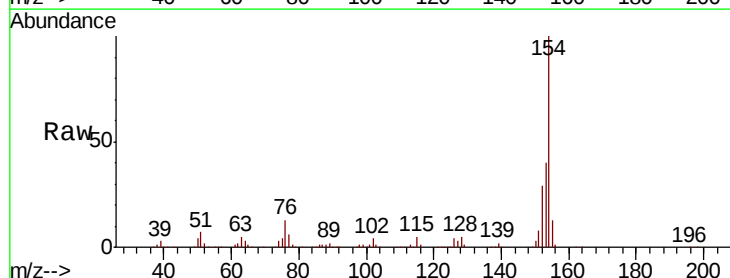
Tgt Ion:154 Resp: 615321

Ion Ratio Lower Upper

154 100

153 40.4 21.3 61.3

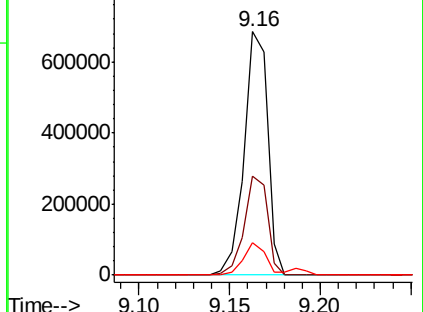
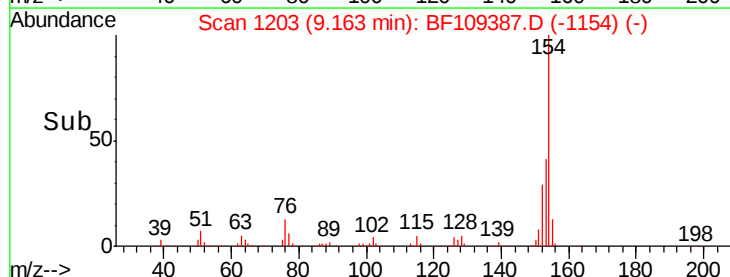
76 13.3 0.0 34.0

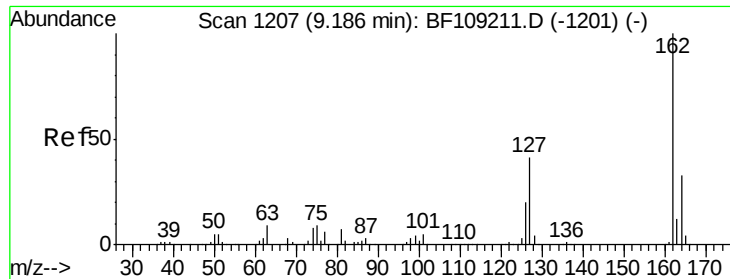


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

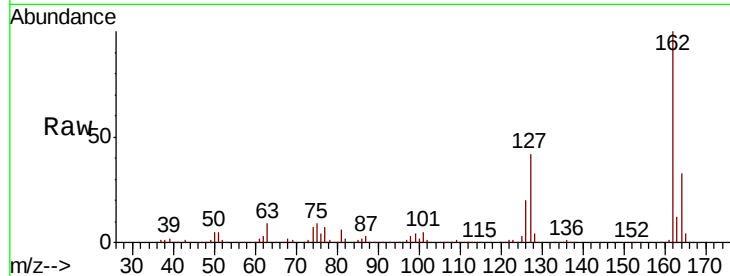




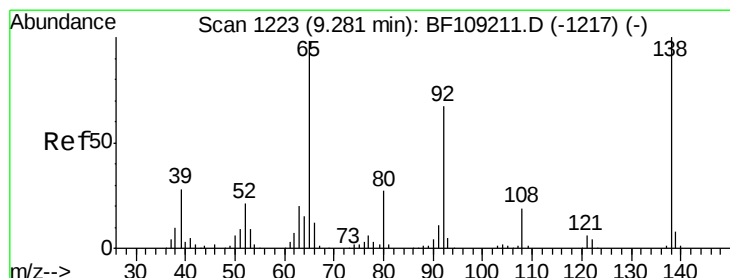
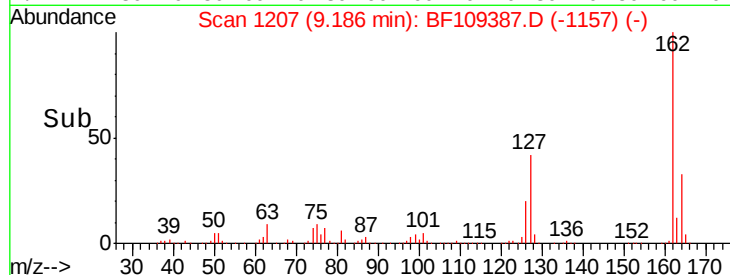
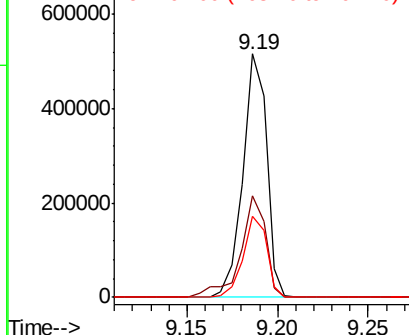
#46
2-Chloronaphthalene
Concen: 31.704 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF109387.D
Acq: 27 Sep 2018 15:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.7	33.9	50.9
164	33.1	26.5	39.7

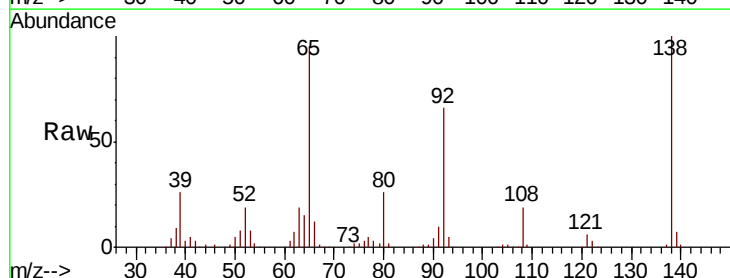


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

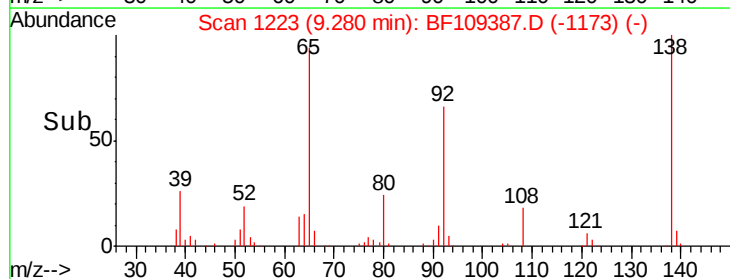
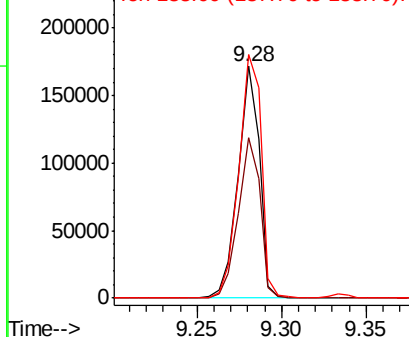


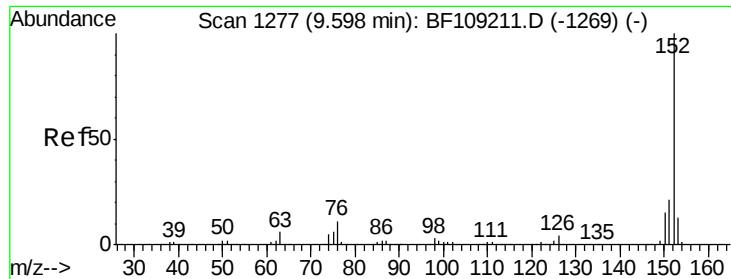
#47
2-Nitroaniline
Concen: 35.939 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF109387.D
Acq: 27 Sep 2018 15:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.0	55.8	83.6
138	105.1	91.2	136.8



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





#48

Acenaphthylene

Concen: 34.425 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF109387.D

Acq: 27 Sep 2018 15:19

Instrument :

BNA_F

ClientSampleId :

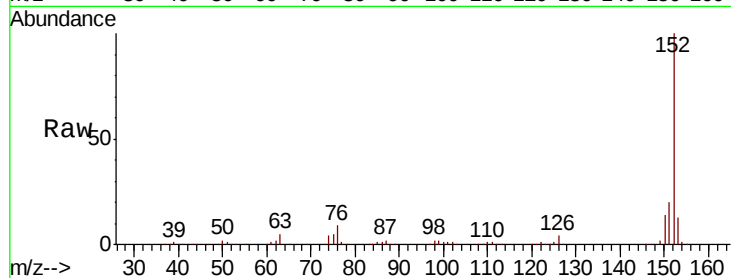
Tot Ion:152 Resp: 767445

Ion Ratio Lower Upper

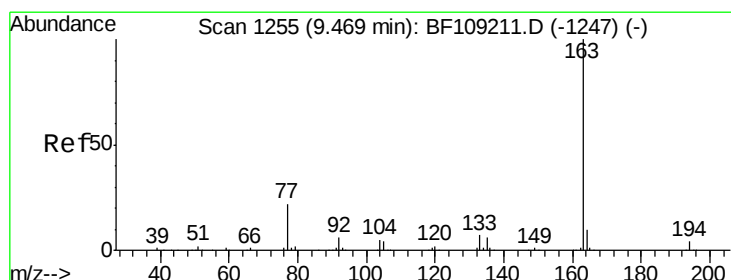
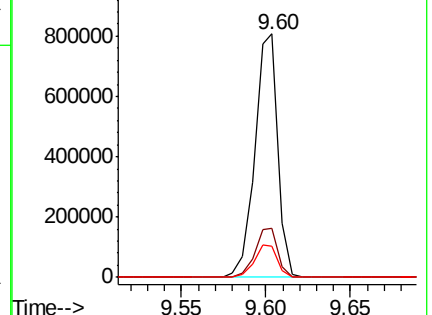
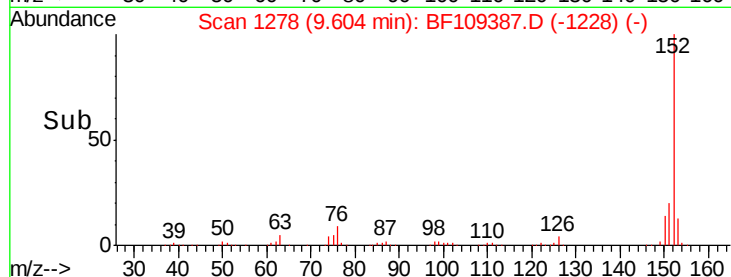
152 100

151 20.2 16.3 24.5

153 13.0 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: 50.028 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF109387.D

Acq: 27 Sep 2018 15:19

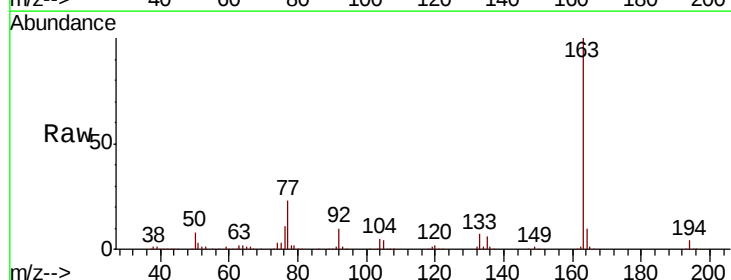
Tgt Ion:163 Resp: 826113

Ion Ratio Lower Upper

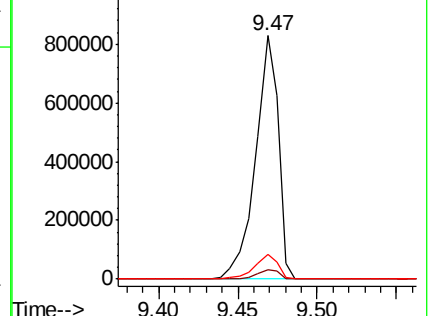
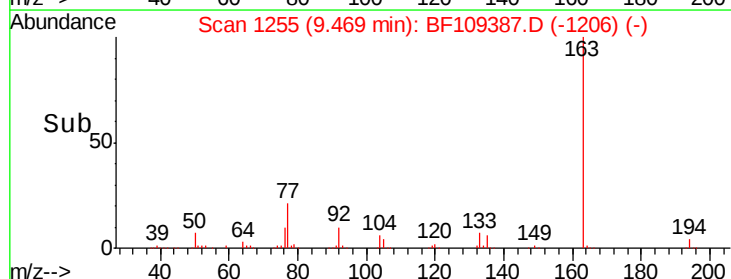
163 100

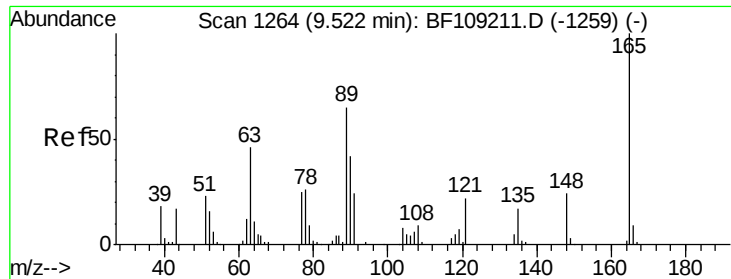
194 3.9 2.7 4.1

164 10.4 8.2 12.2



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

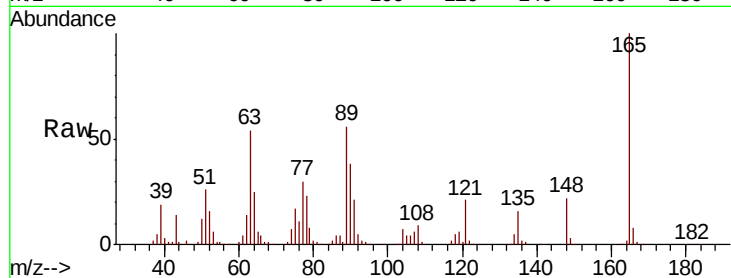




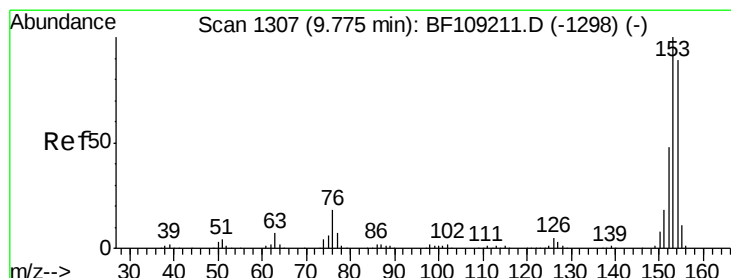
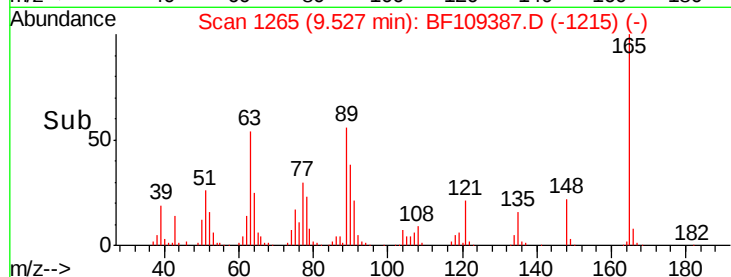
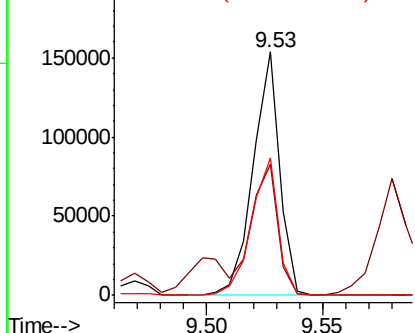
#50
2,6-Dinitrotoluene
Concen: 37.863 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF109387.D
Acq: 27 Sep 2018 15:19

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.6	44.7	67.1
89	56.4	44.0	66.0

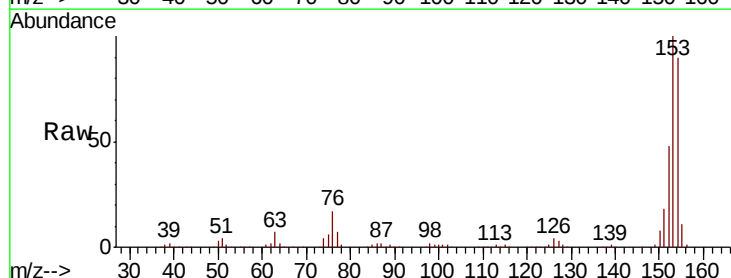


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

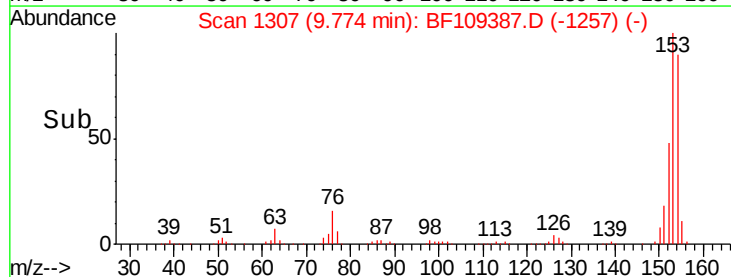
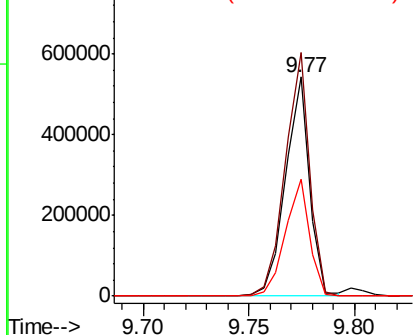


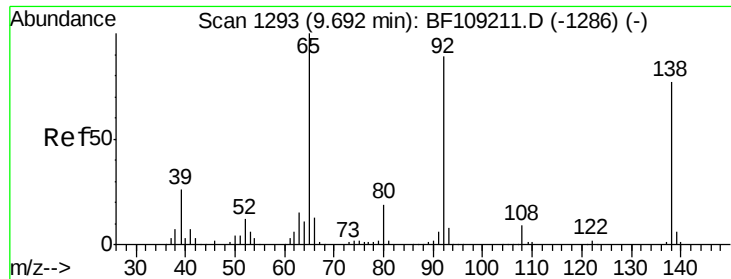
#51
Acenaphthene
Concen: 32.133 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF109387.D
Acq: 27 Sep 2018 15:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.1	91.2	136.8
152	53.4	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

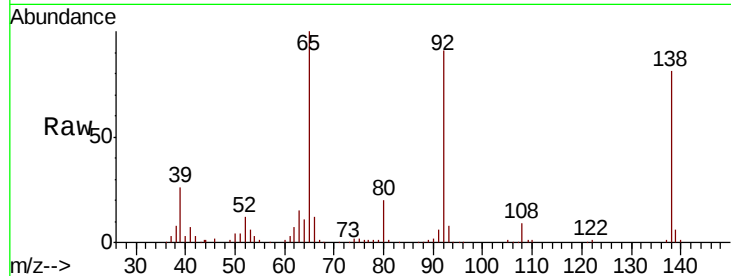




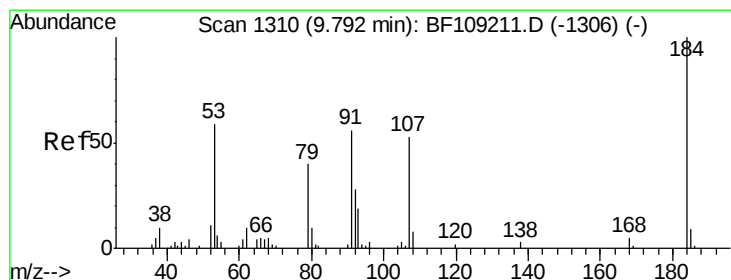
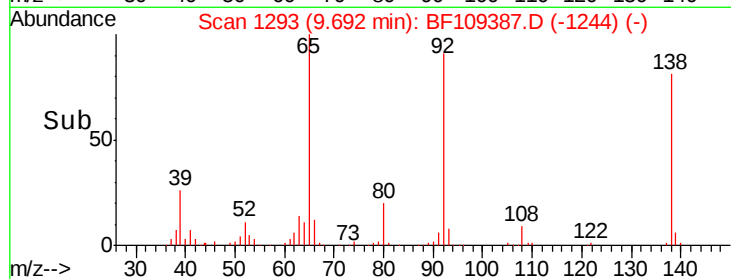
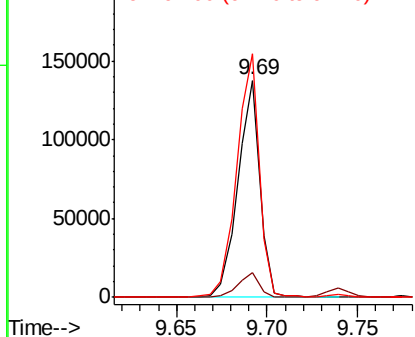
#52
3-Nitroaniline
Concen: 30.724 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF109387.D
Acq: 27 Sep 2018 15:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 116365
Ion Ratio Lower Upper
138 100
108 11.2 9.4 14.0
92 112.1 89.4 134.2

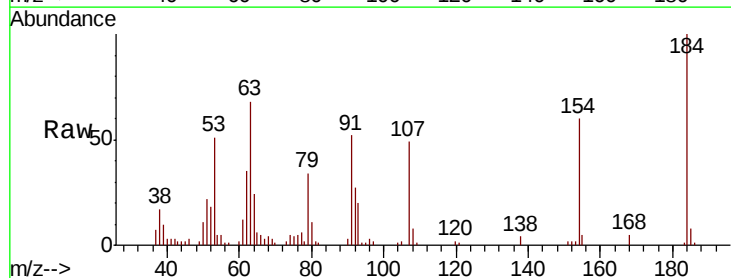


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

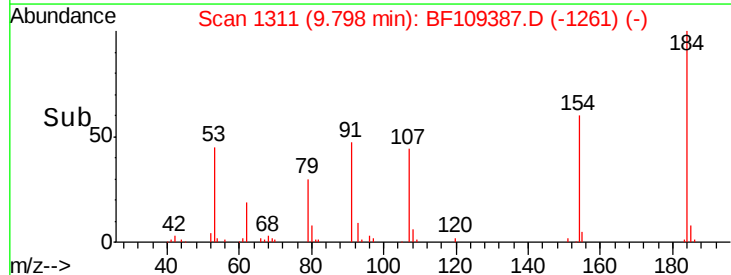
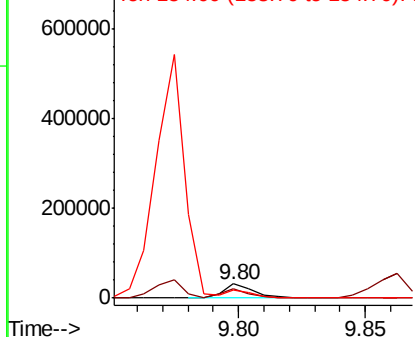


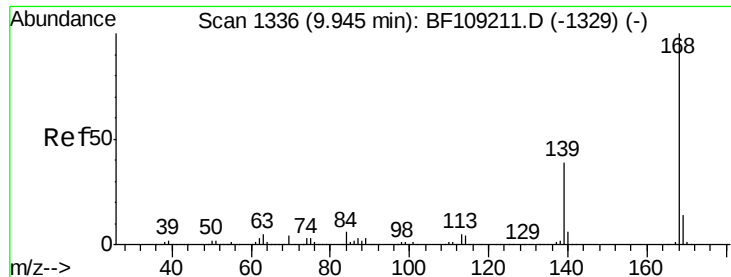
#53
2,4-Dinitrophenol
Concen: 29.435 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF109387.D
Acq: 27 Sep 2018 15:19

Tgt Ion:184 Resp: 27163
Ion Ratio Lower Upper
184 100
63 67.8 54.2 81.2
154 60.4 184.0 276.0#



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

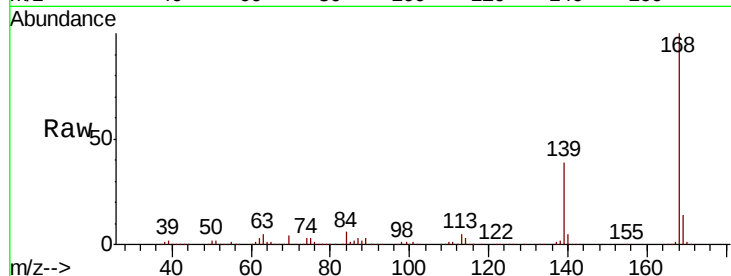




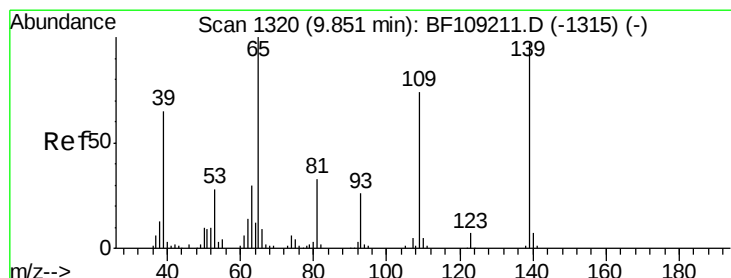
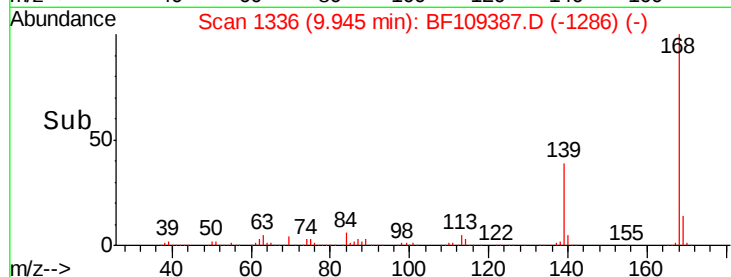
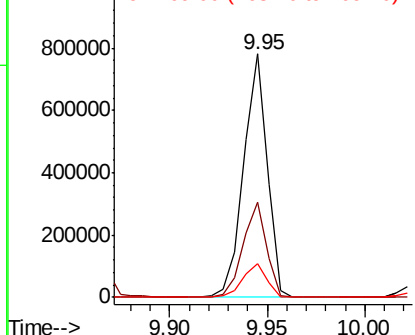
#54
Dibenzenofuran
Concen: 32.578 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF109387.D
Acq: 27 Sep 2018 15:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 653031
Ion Ratio Lower Upper
168 100
139 39.0 30.1 45.1
169 14.0 10.9 16.3

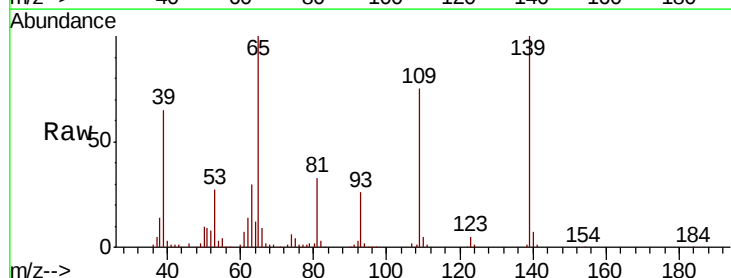


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

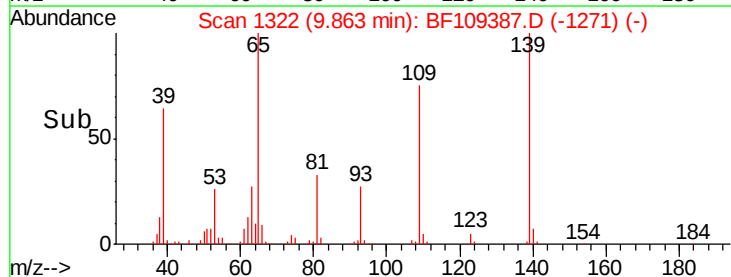
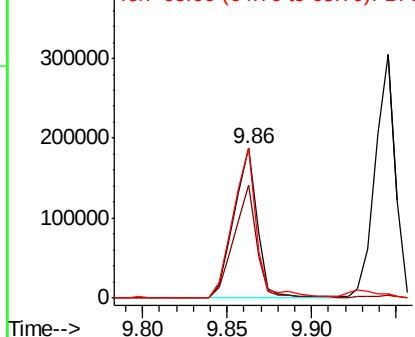


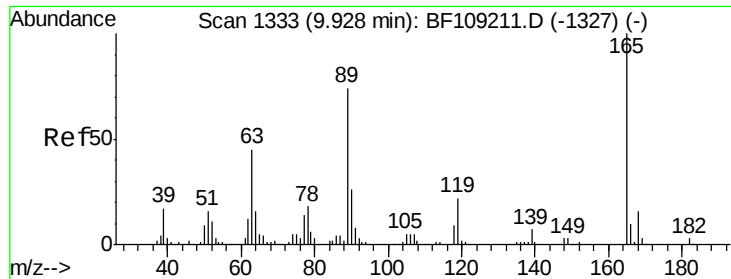
#55
4-Nitrophenol
Concen: 63.719 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF109387.D
Acq: 27 Sep 2018 15:19

Tgt Ion:139 Resp: 181798
Ion Ratio Lower Upper
139 100
109 75.0 48.4 88.4
65 100.2 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





#56

2,4-Dinitrotoluene

Concen: 39.071 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF109387.D

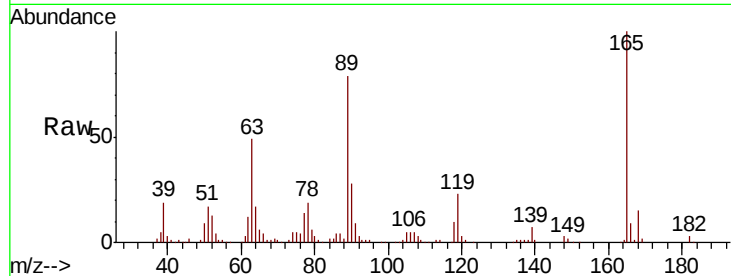
Acq: 27 Sep 2018 15:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165	Resp:	161679
Ion Ratio	Lower	Upper
165	100	
63	48.6	36.4 54.6
89	79.3	57.8 86.6
182	2.6	1.6 2.4#



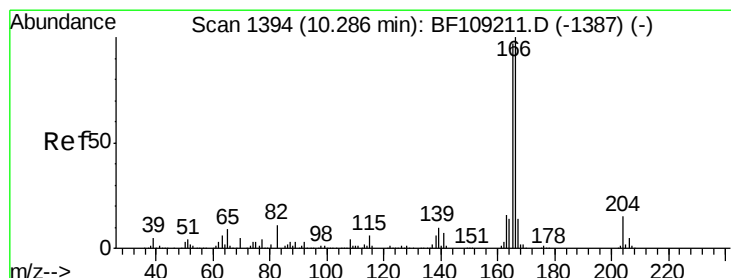
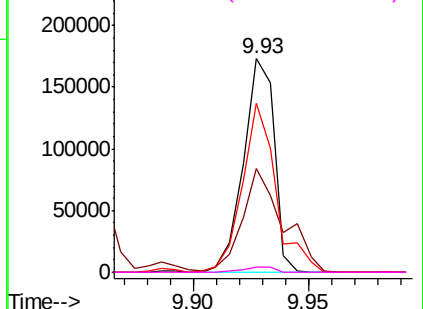
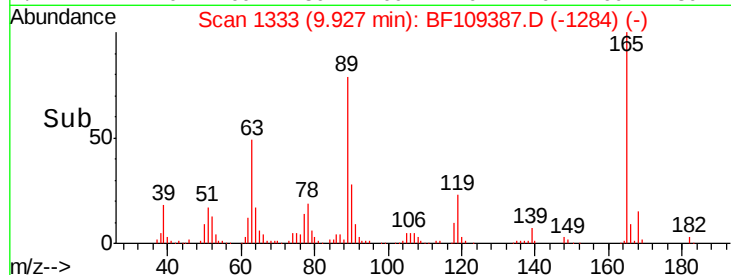
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 34.467 ng

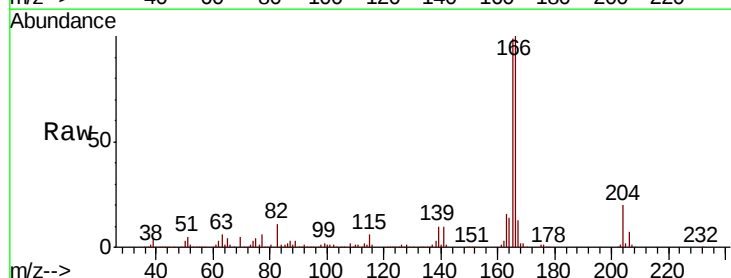
RT: 10.29 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BF109387.D

Acq: 27 Sep 2018 15:19

Tgt Ion:166	Resp:	492954
Ion Ratio	Lower	Upper
166	100	
165	98.9	79.8 119.8
167	13.1	10.6 16.0

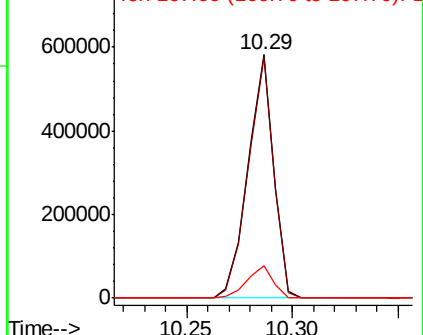
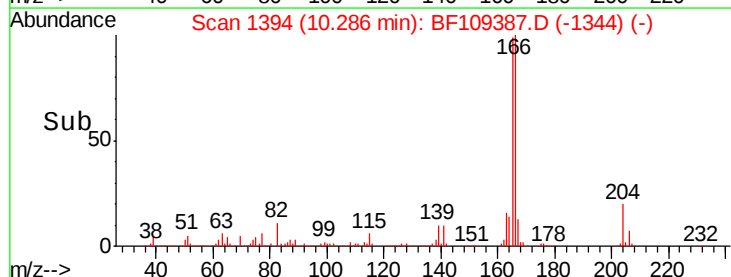


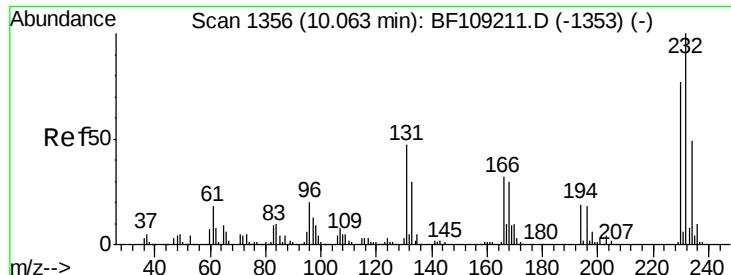
Abundance

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

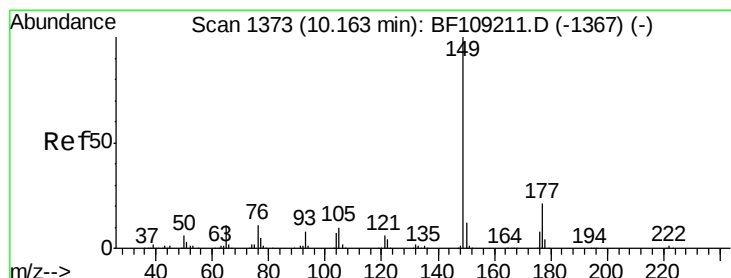
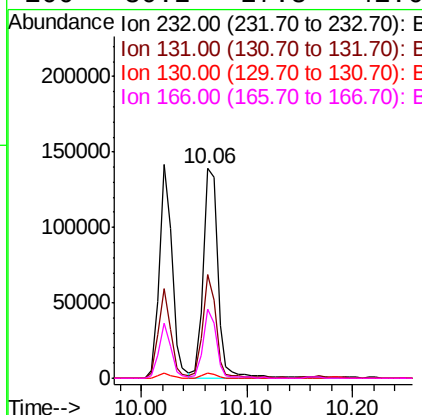
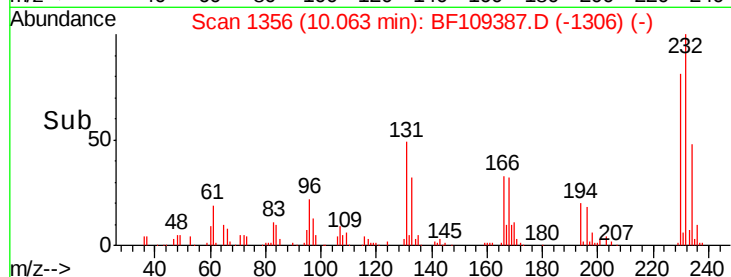
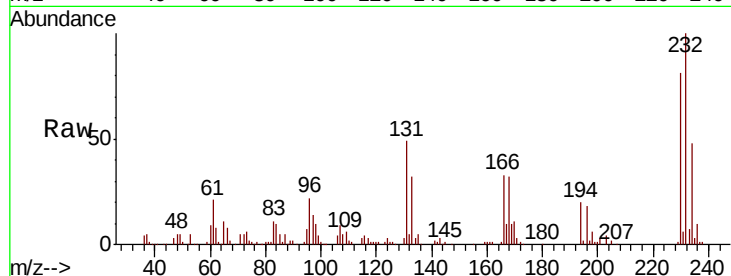




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.668 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BF109387.D
 Acq: 27 Sep 2018 15:19

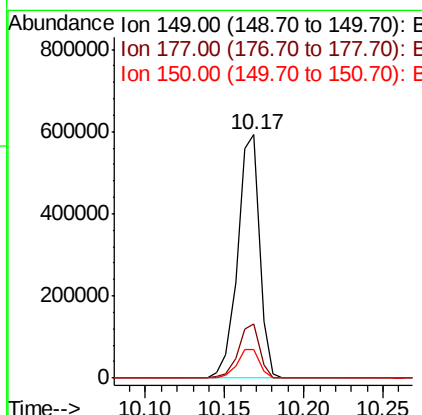
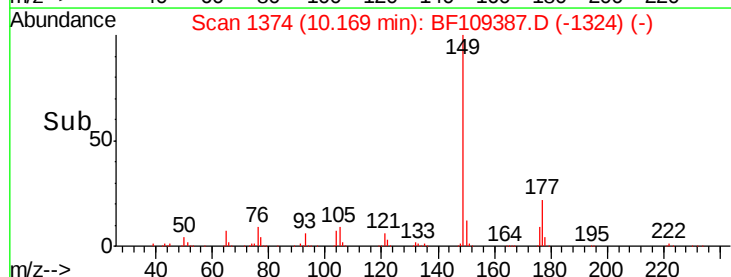
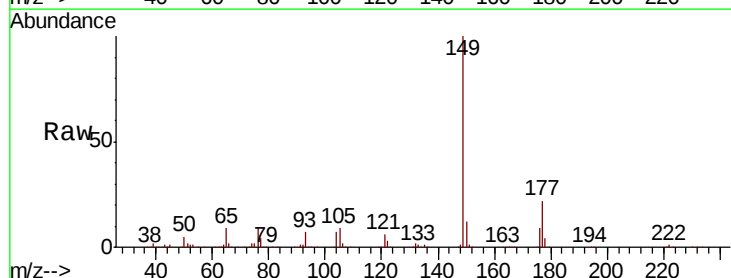
Instrument :
 BNA_F
 ClientSampleId :

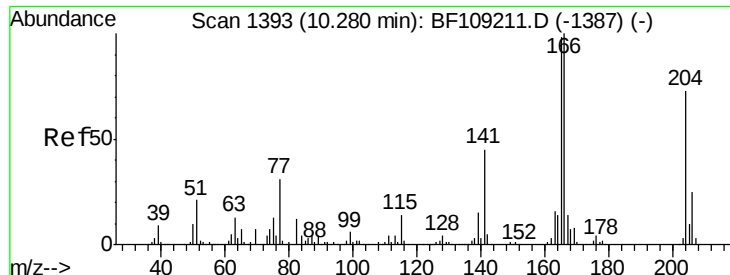
Tot Ion:	232	Resp:	134439
Ion	Ratio	Lower	Upper
232	100		
131	45.1	43.8	65.8
130	2.1	2.1	3.1
166	30.2	27.8	41.6



#59
 Diethylphthalate
 Concen: 33.955 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.01 min
 Lab File: BF109387.D
 Acq: 27 Sep 2018 15:19

Tgt Ion:	149	Resp:	567798
Ion	Ratio	Lower	Upper
149	100		
177	22.3	16.1	24.1
150	12.0	10.1	15.1

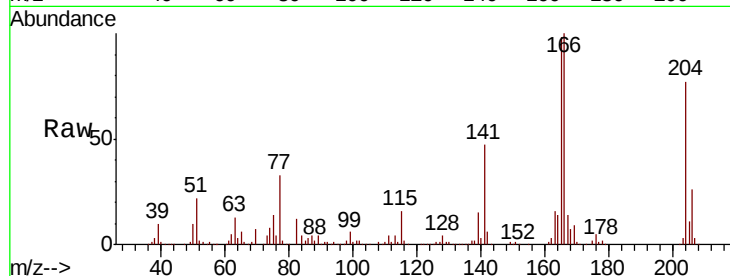




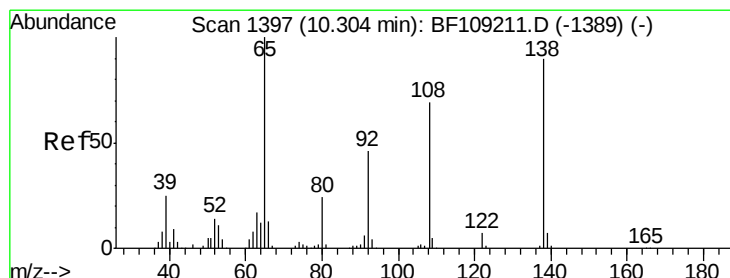
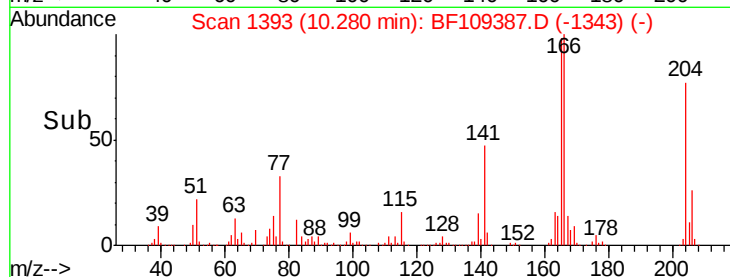
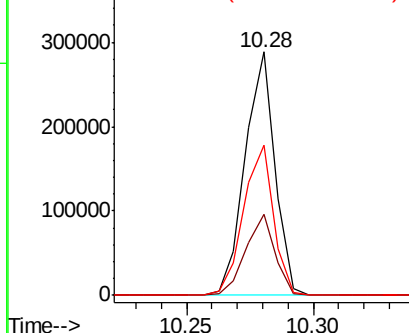
#60
 4-Chlorophenyl-phenylether
 Concen: 31.580 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109387.D
 Acq: 27 Sep 2018 15:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.5	39.7
141	61.7	54.6	81.8

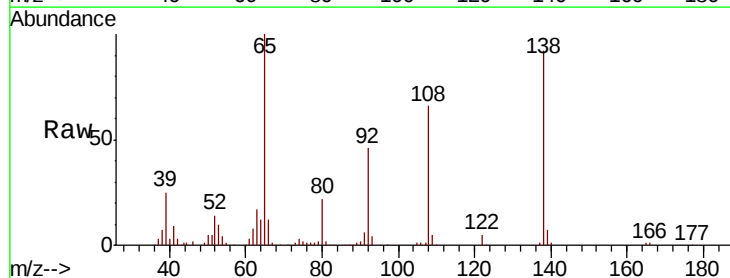


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

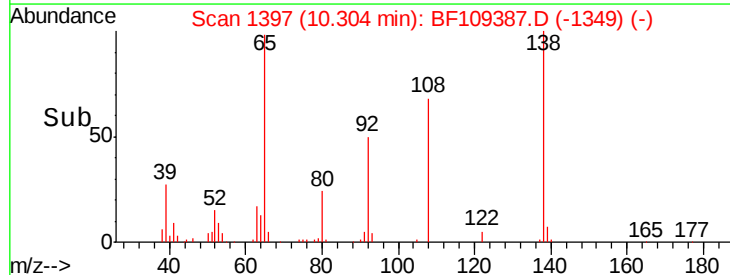
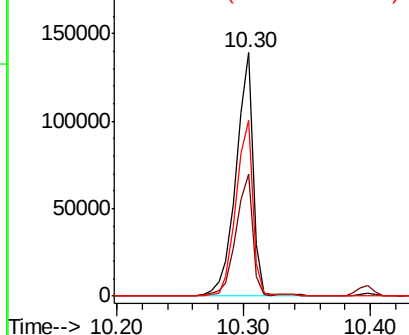


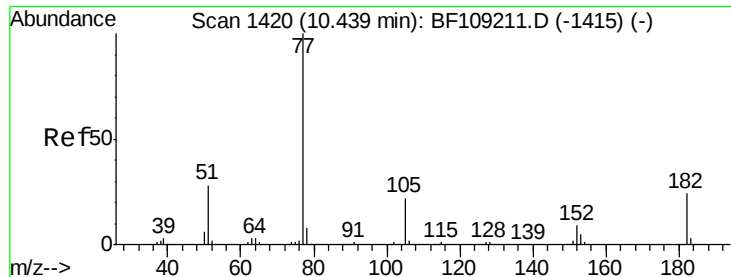
#61
 4-Nitroaniline
 Concen: 34.921 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.02 min
 Lab File: BF109387.D
 Acq: 27 Sep 2018 15:19

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.0	30.2	70.2
108	71.9	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: 32.022 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF109387.D

Acq: 27 Sep 2018 15:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 556344

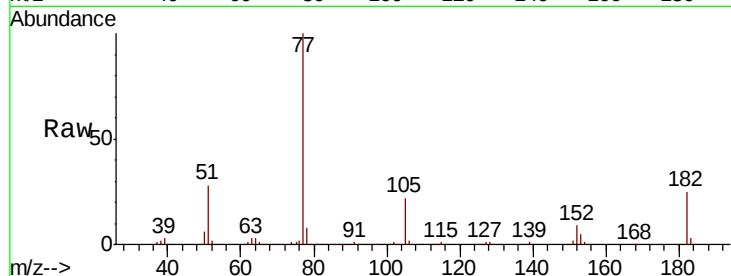
Ion Ratio Lower Upper

77 100

182 25.1 1.7 41.7

105 22.0 3.0 43.0

51 27.9 9.9 49.9

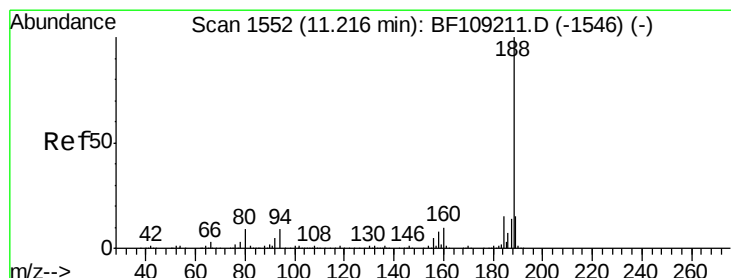
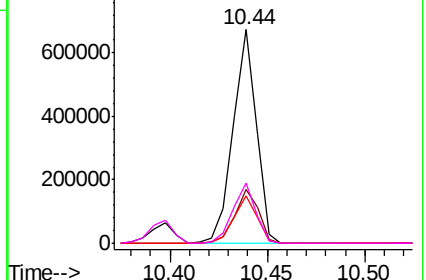
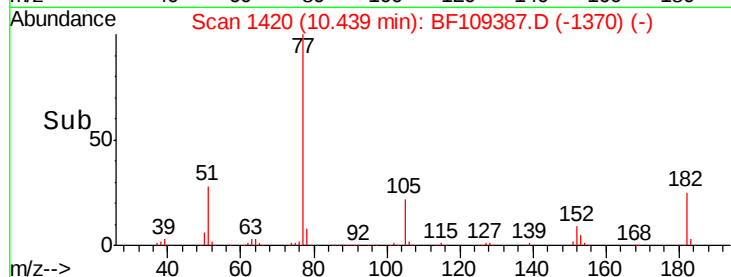


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF109387.D

Acq: 27 Sep 2018 15:19

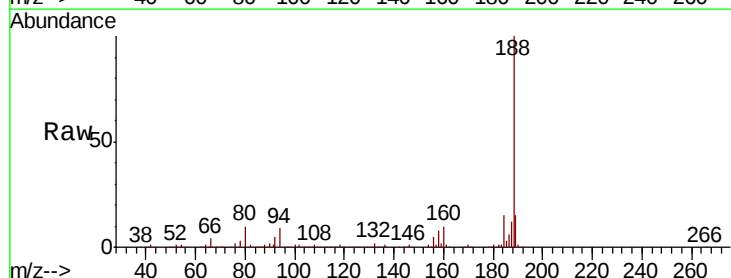
Tgt Ion: 188 Resp: 423050

Ion Ratio Lower Upper

188 100

94 9.4 8.5 12.7

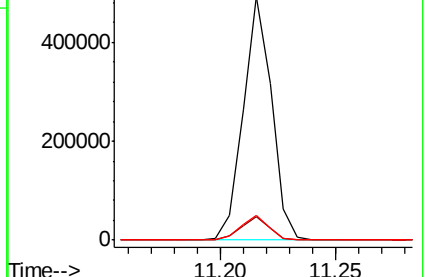
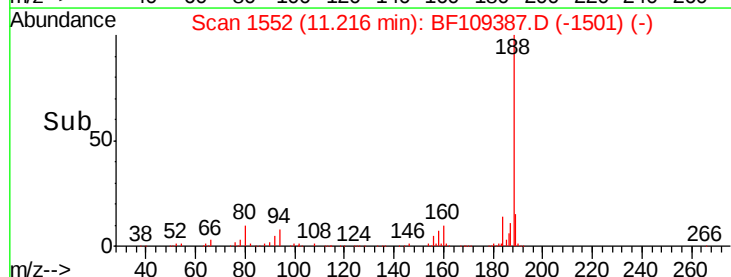
80 10.1 9.2 13.8

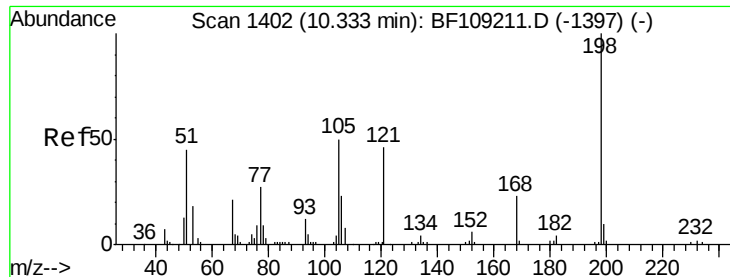


Abundance Ion 188.00 (187.70 to 188.70): E

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: 23.309 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.01 min

Lab File: BF109387.D

Acq: 27 Sep 2018 15:19

Instrument :

BNA_F

ClientSampled :

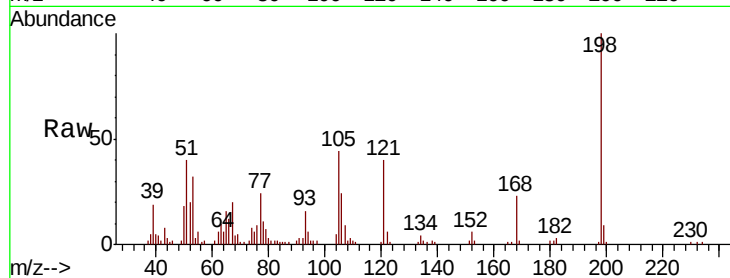
Tot Ion:198 Resp: 32896

Ion Ratio Lower Upper

198 100

51 40.4 37.7 77.7

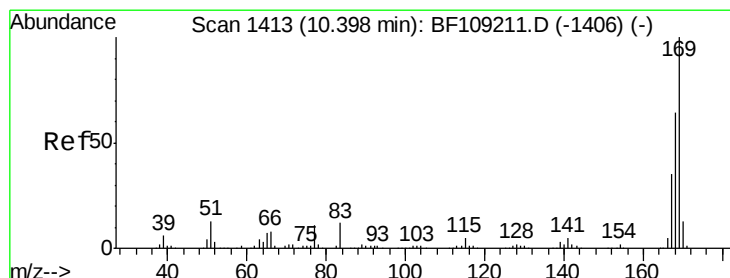
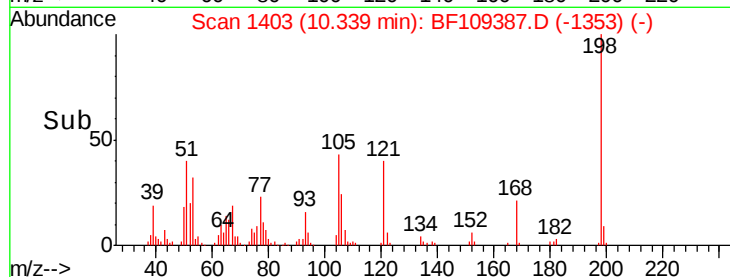
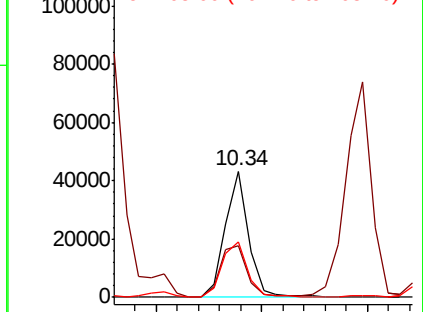
105 44.0 36.3 76.3



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: 34.160 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BF109387.D

Acq: 27 Sep 2018 15:19

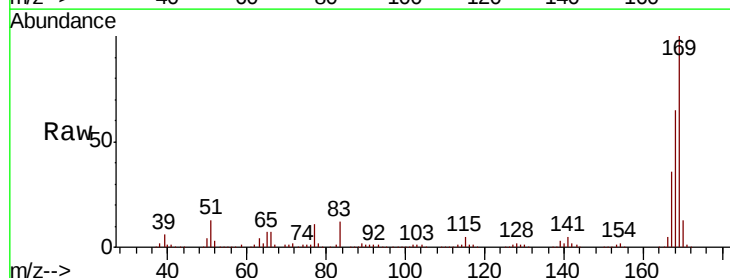
Tgt Ion:169 Resp: 477462

Ion Ratio Lower Upper

169 100

168 64.6 54.4 81.6

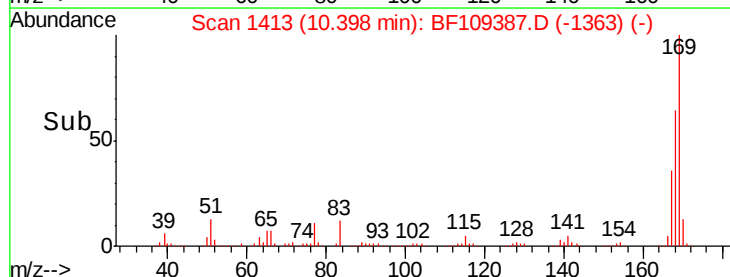
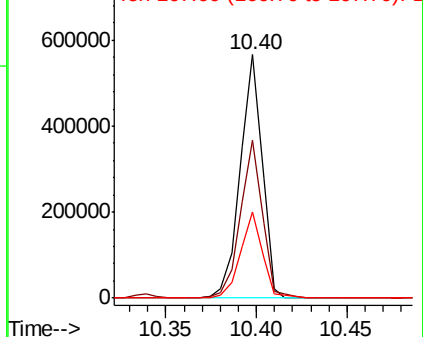
167 35.6 29.8 44.6

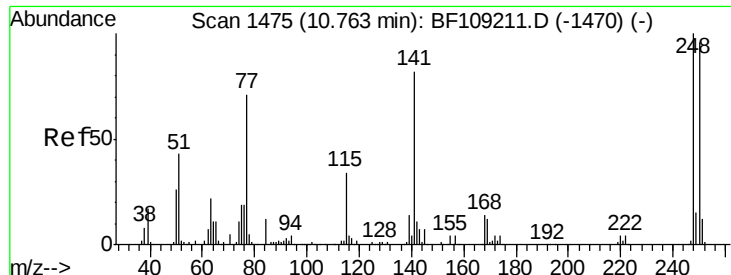


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

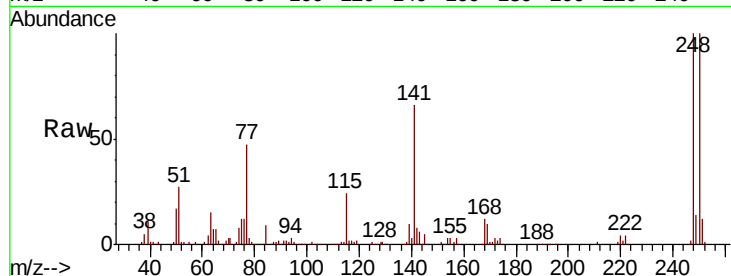




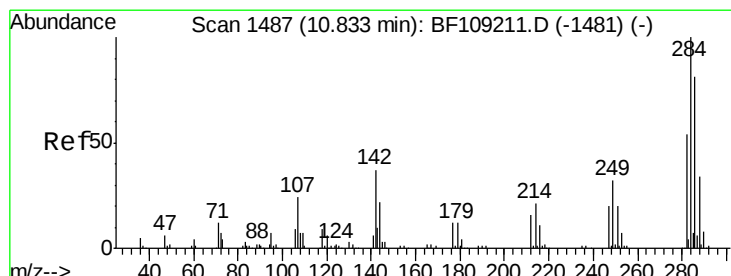
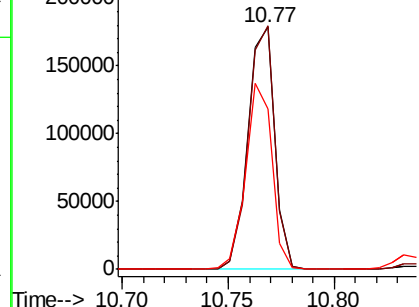
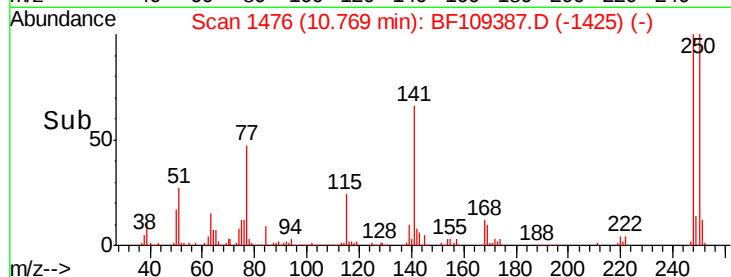
#66
4-Bromophenyl-phenylether
Concen: 33.572 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.00 min
Lab File: BF109387.D
Acq: 27 Sep 2018 15:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 157714
Ion Ratio Lower Upper
248 100
250 100.5 76.9 115.3
141 66.2 74.4 111.6#

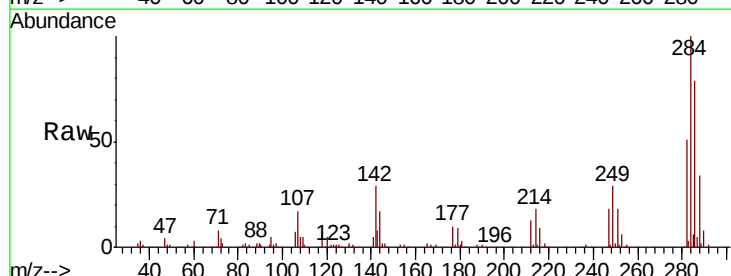


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

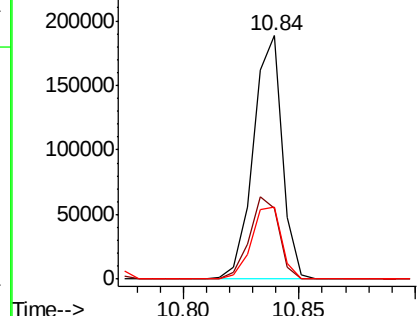
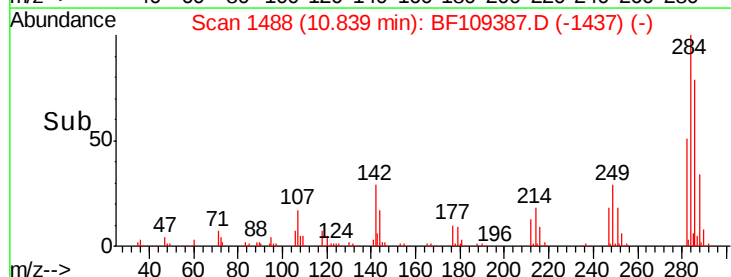


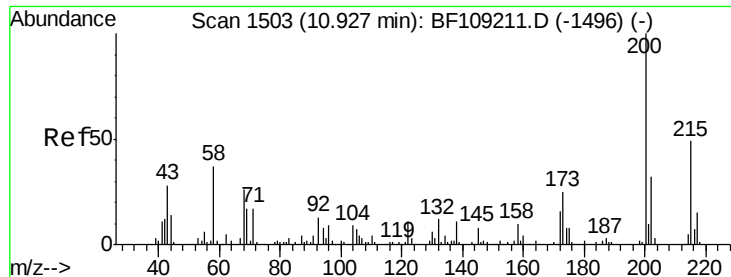
#67
Hexachlorobenzene
Concen: 33.088 ng
RT: 10.84 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BF109387.D
Acq: 27 Sep 2018 15:19

Tgt Ion:284 Resp: 165086
Ion Ratio Lower Upper
284 100
142 28.9 34.6 52.0#
249 29.4 24.8 37.2



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

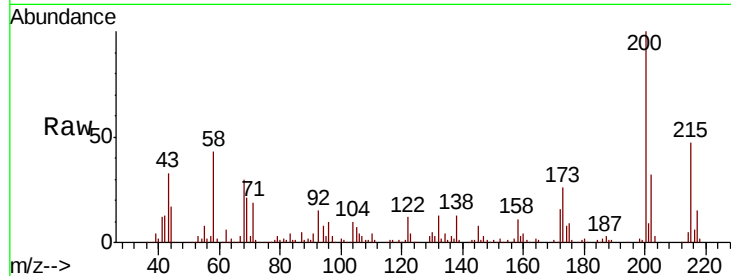




#68
Atrazine
Concen: 37.065 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF109387.D
Acq: 27 Sep 2018 15:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.4	8.6	48.6
215	46.8	25.1	65.1

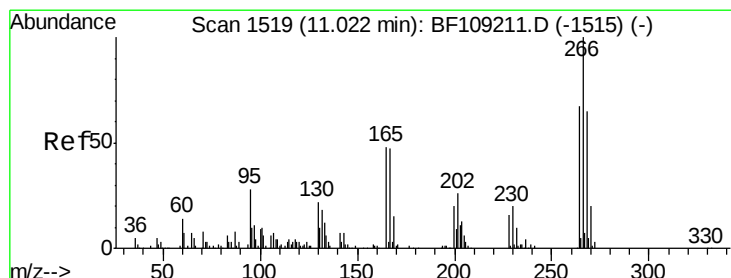
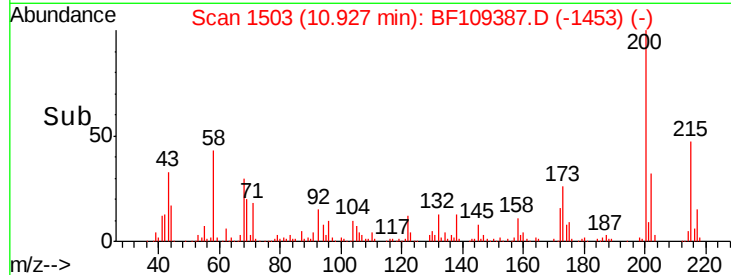
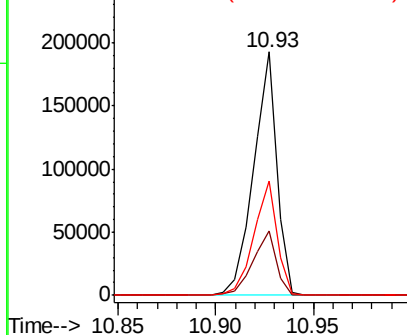


Abundance

Ion 200.00 (199.70 to 200.70): E

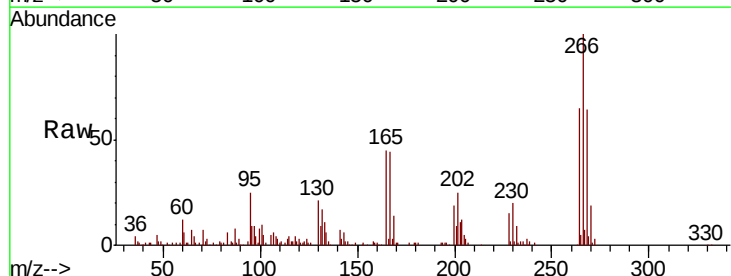
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69
Pentachlorophenol
Concen: 42.723 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.00 min
Lab File: BF109387.D
Acq: 27 Sep 2018 15:19

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.4	51.1	76.7
264	64.6	49.5	74.3

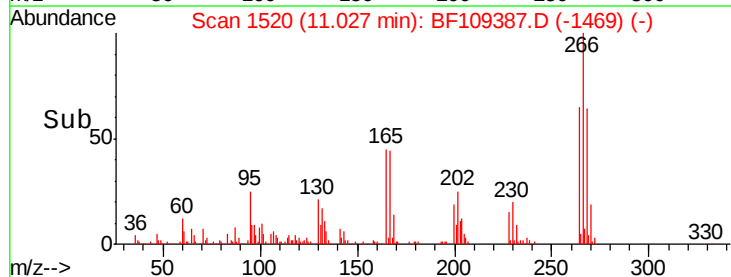
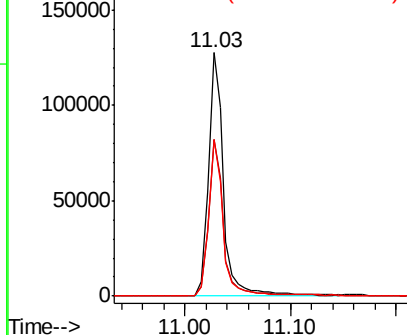


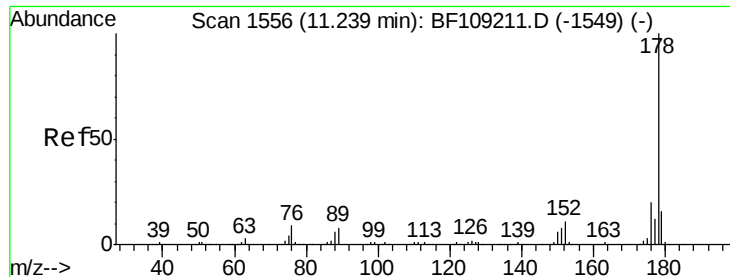
Abundance

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: 36.073 ng

RT: 11.24 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BF109387.D

Acq: 27 Sep 2018 15:19

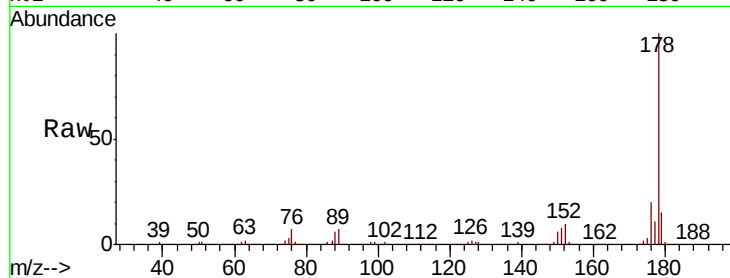
Instrument :

BNA_F

ClientSampled :

Tot Ion:178 Resp: 761973

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.2	13.0	19.6

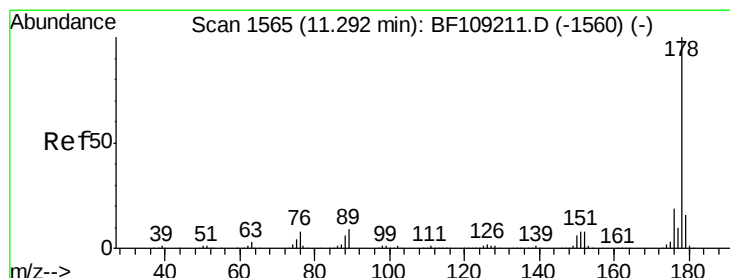
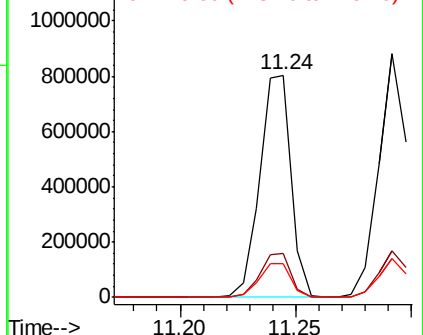
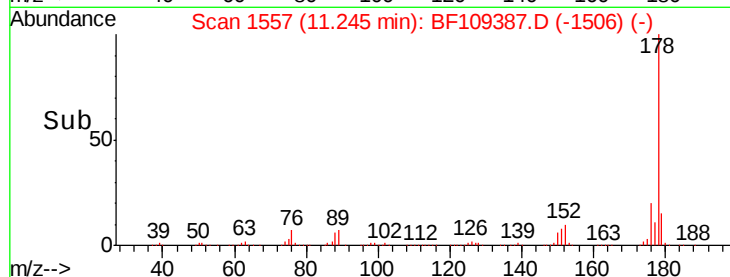


Abundance

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: 34.948 ng

RT: 11.29 min Scan# 1565

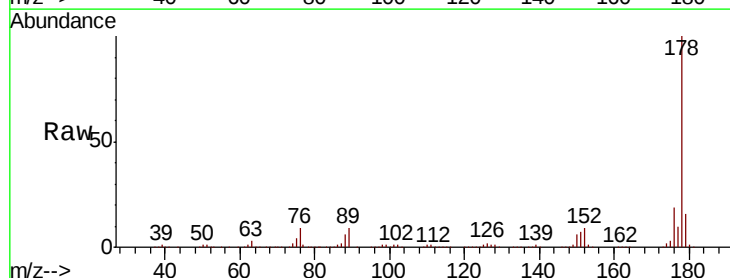
Delta R.T. -0.01 min

Lab File: BF109387.D

Acq: 27 Sep 2018 15:19

Tgt Ion:178 Resp: 748725

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.7	12.6	19.0

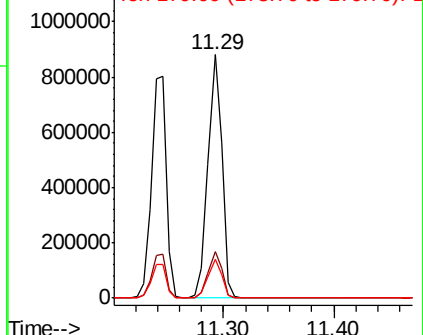
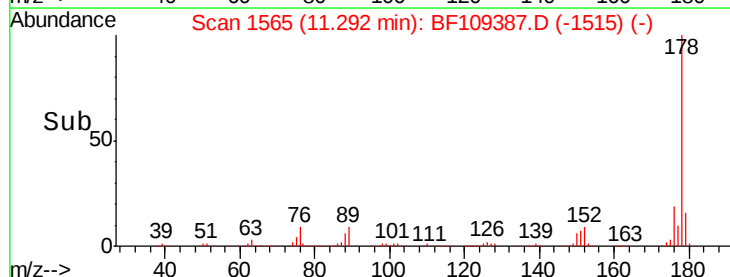


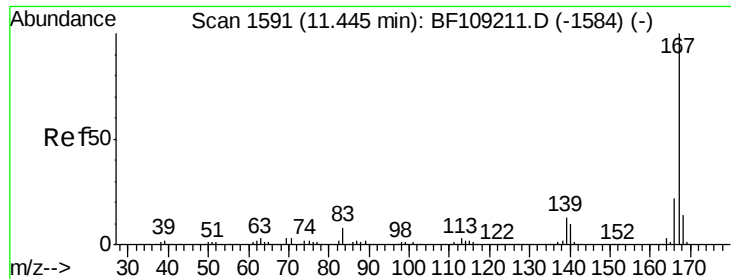
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 30.736 ng

RT: 11.44 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF109387.D

Acq: 27 Sep 2018 15:19

Instrument :

BNA_F

ClientSampleId :

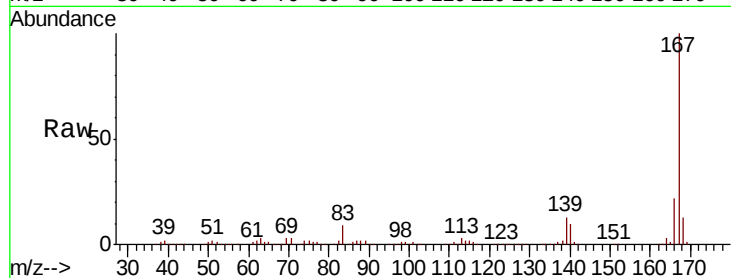
Tot Ion:167 Resp: 655167

Ion Ratio Lower Upper

167 100

166 22.2 17.6 26.4

139 13.4 10.9 16.3

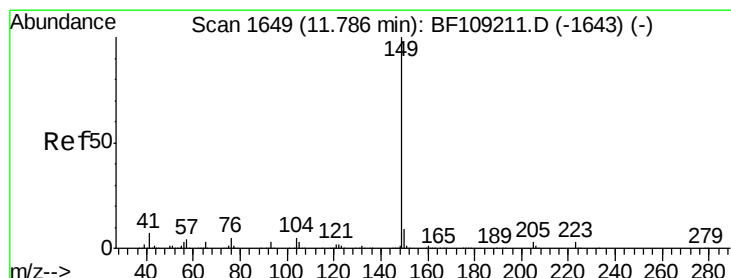
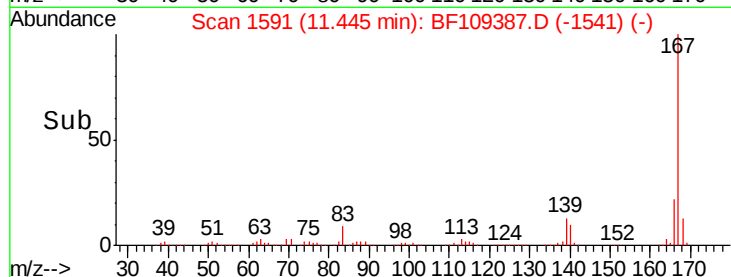
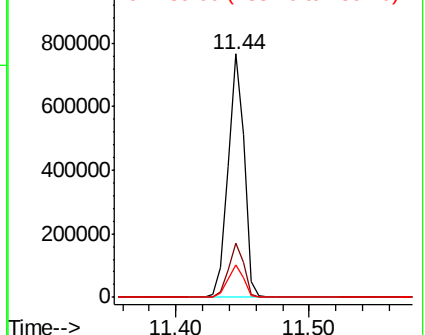


Abundance

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: 34.735 ng

RT: 11.79 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BF109387.D

Acq: 27 Sep 2018 15:19

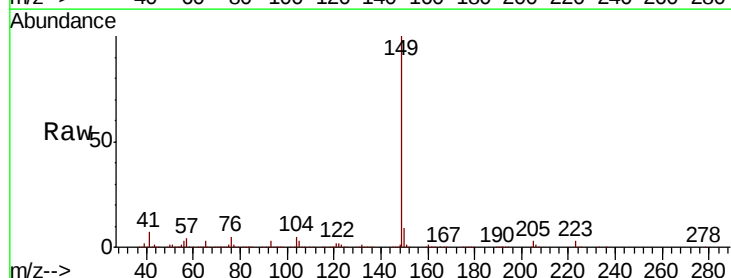
Tgt Ion:149 Resp: 852377

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

104 4.9 3.8 5.8

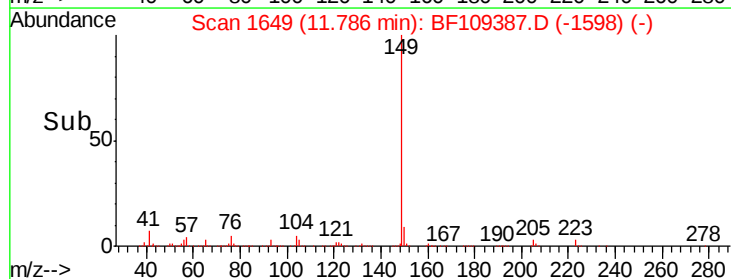
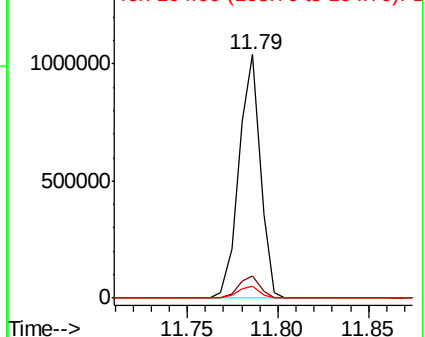


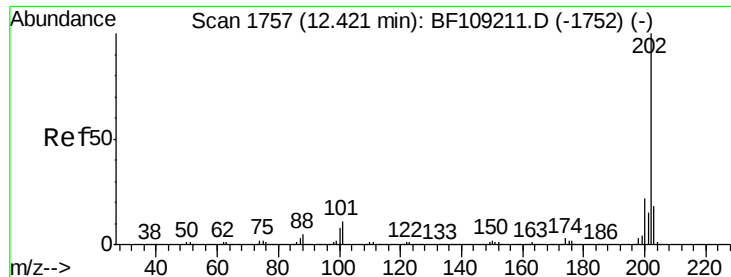
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 31.550 ng

RT: 12.42 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BF109387.D

Acq: 27 Sep 2018 15:19

Instrument :

BNA_F

ClientSampleId :

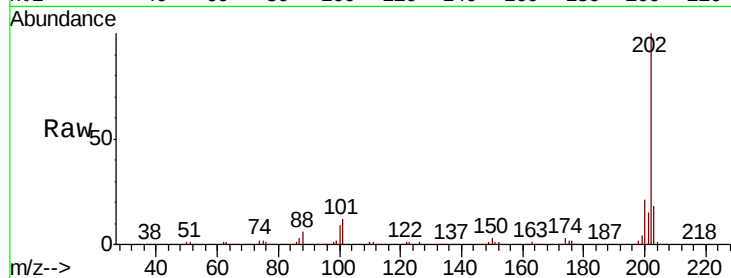
Tot Ion:202 Resp: 712179

Ion Ratio Lower Upper

202 100

101 11.7 0.0 34.1

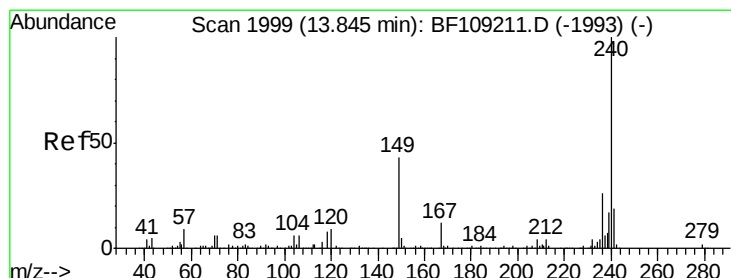
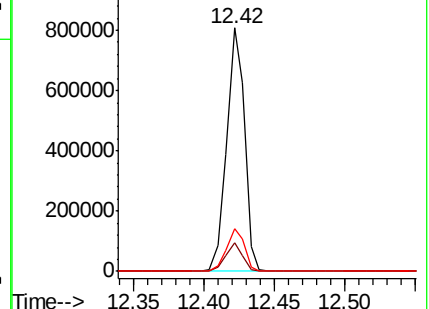
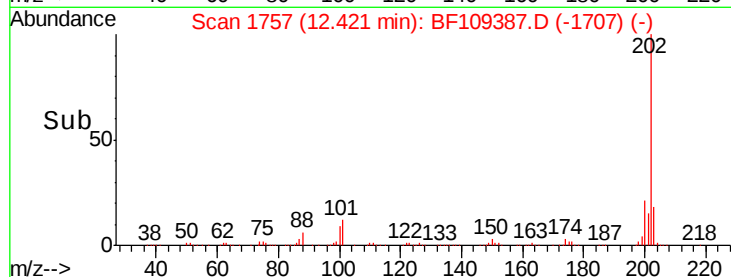
203 17.7 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BF109387.D

Acq: 27 Sep 2018 15:19

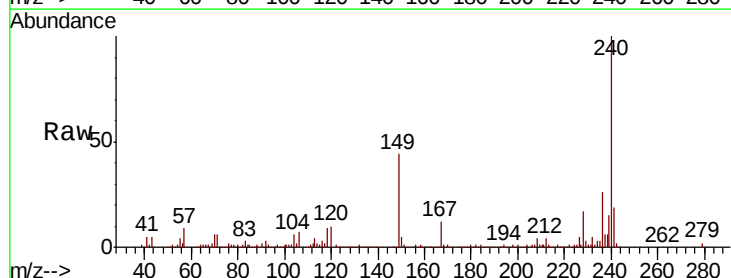
Tgt Ion:240 Resp: 238613

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

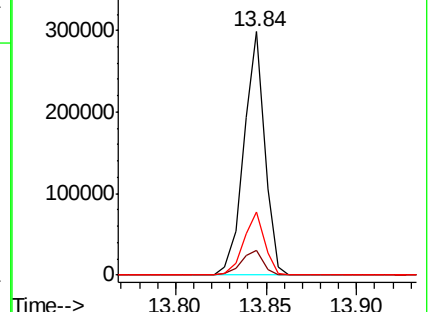
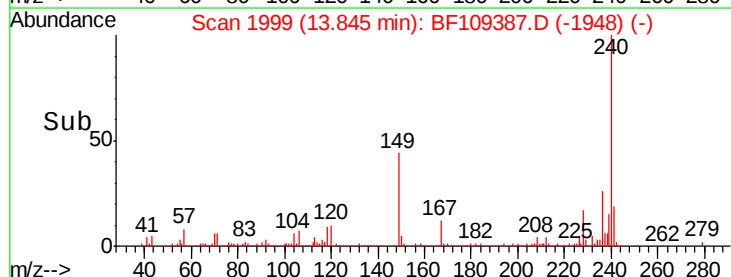
236 25.9 20.7 31.1

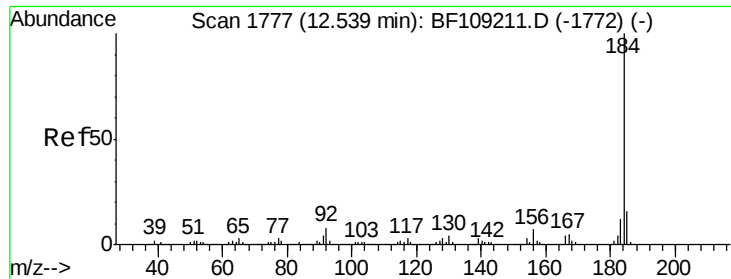


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

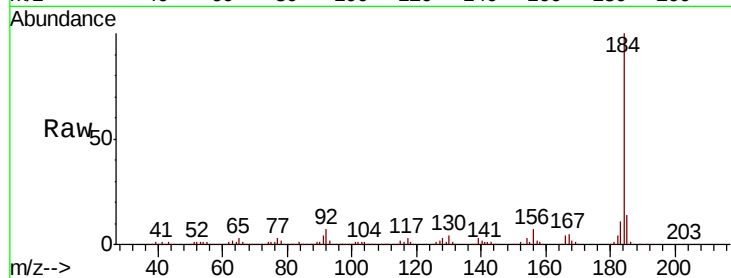




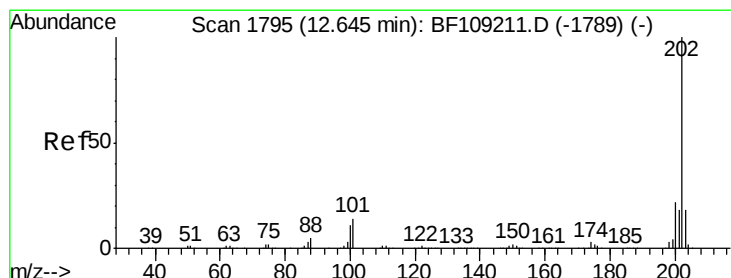
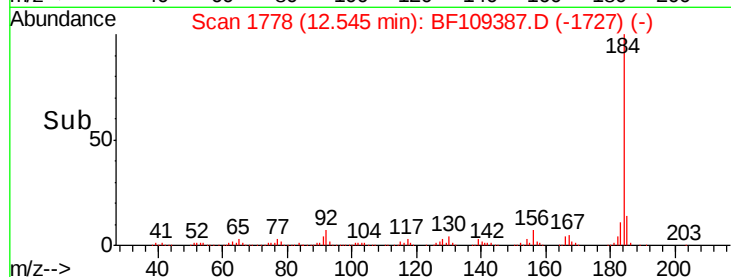
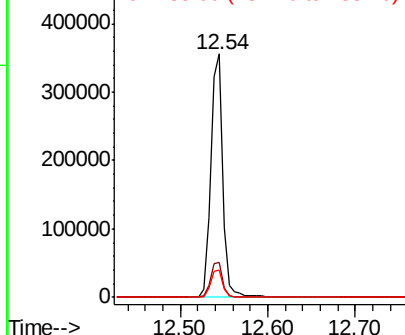
#76
Benzidine
Concen: 39.467 ng
RT: 12.54 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BF109387.D
Acq: 27 Sep 2018 15:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 339538
Ion Ratio Lower Upper
184 100
185 14.5 12.6 18.8
183 11.3 9.3 13.9

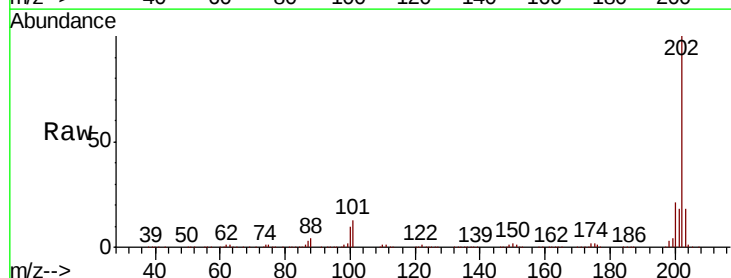


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

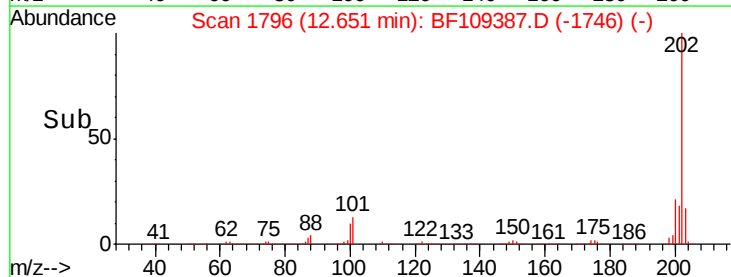
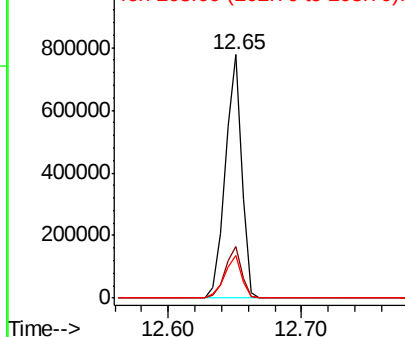


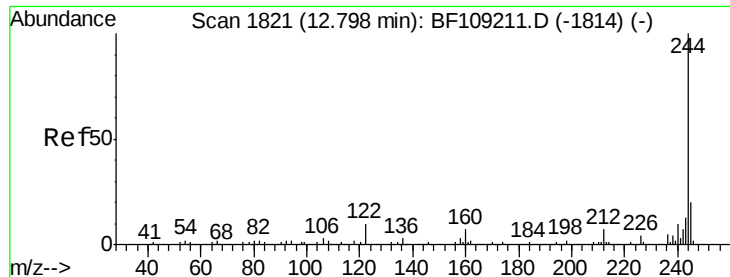
#77
Pyrene
Concen: 39.551 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BF109387.D
Acq: 27 Sep 2018 15:19

Tgt Ion:202 Resp: 676360
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 17.5 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

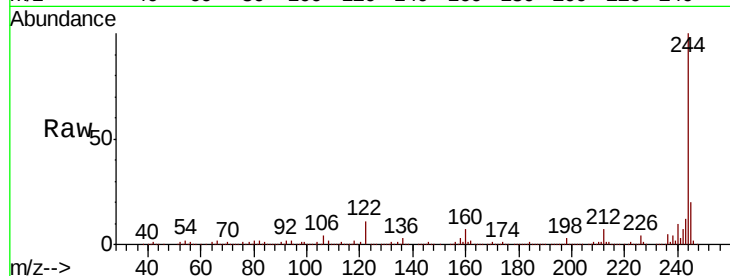




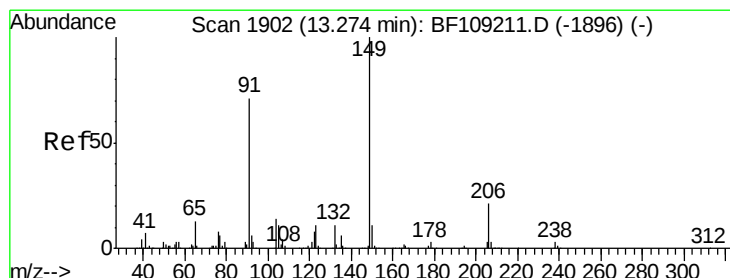
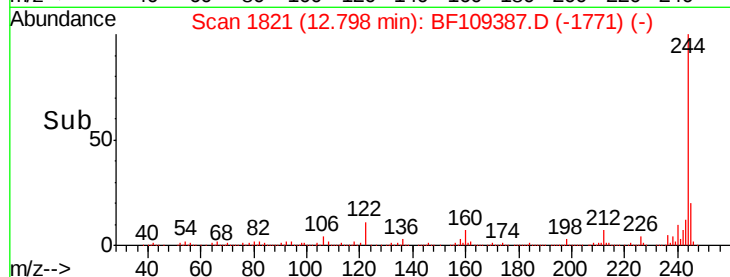
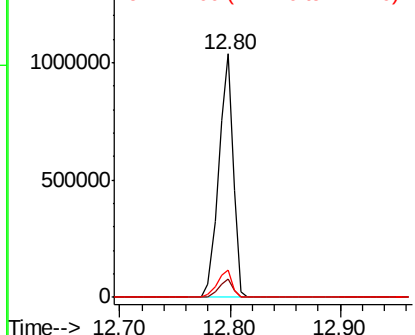
#78
 Terphenyl-d14
 Concen: 96.596 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF109387.D
 Acq: 27 Sep 2018 15:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 939180
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 11.4 11.0 16.4

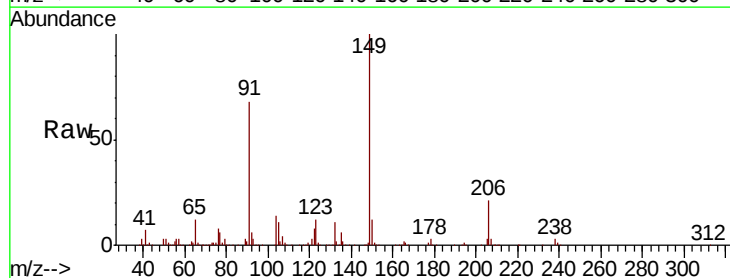


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

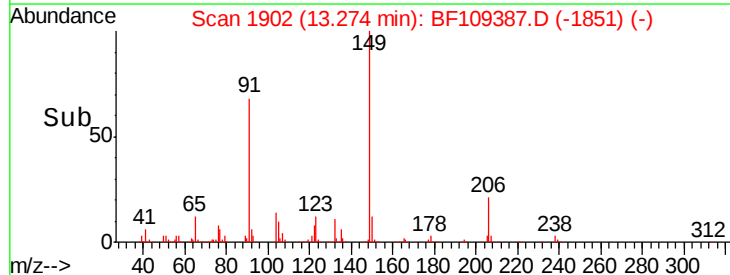
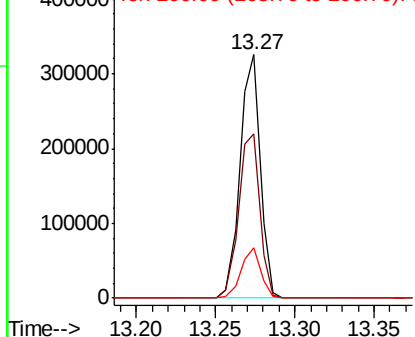


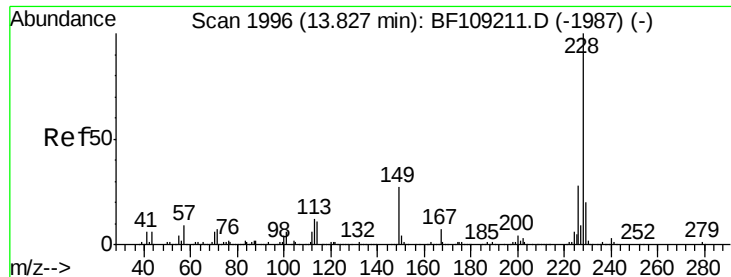
#79
 Butylbenzylphthalate
 Concen: 39.554 ng
 RT: 13.27 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: BF109387.D
 Acq: 27 Sep 2018 15:19

Tgt Ion:149 Resp: 287774
 Ion Ratio Lower Upper
 149 100
 91 67.7 56.8 85.2
 206 20.7 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 35.758 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BF109387.D

Acq: 27 Sep 2018 15:19

Instrument :

BNA_F

ClientSampleId :

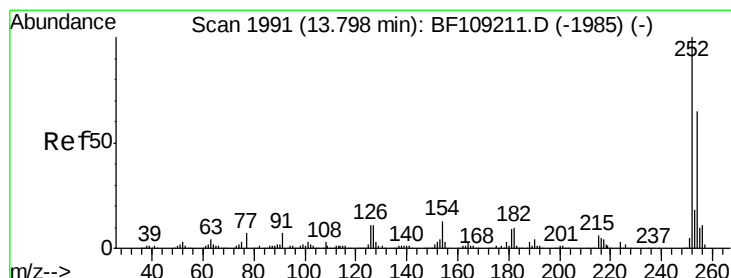
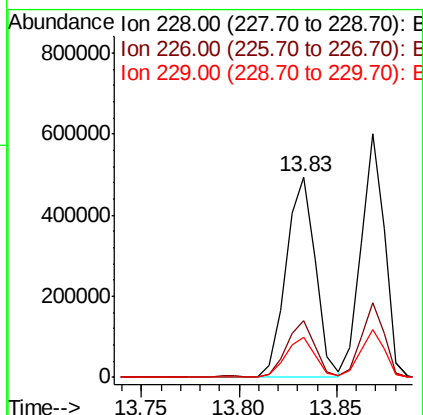
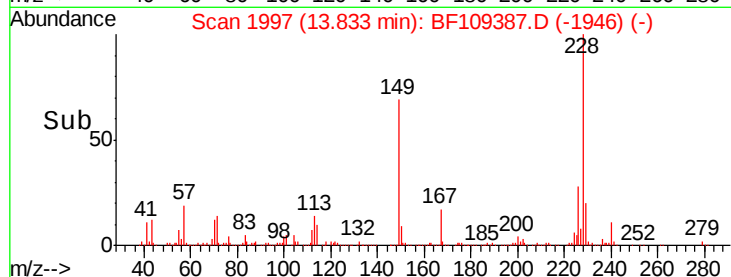
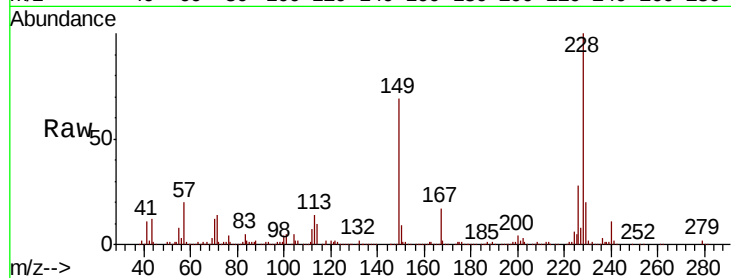
Tot Ion:228 Resp: 513935

Ion Ratio Lower Upper

228 100

226 28.0 22.6 33.8

229 19.9 15.8 23.6



#81

3,3'-Dichlorobenzidine

Concen: 33.215 ng

RT: 13.80 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BF109387.D

Acq: 27 Sep 2018 15:19

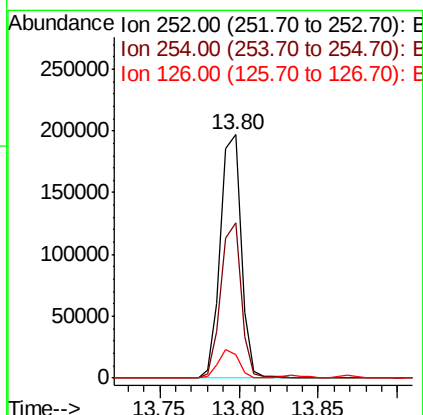
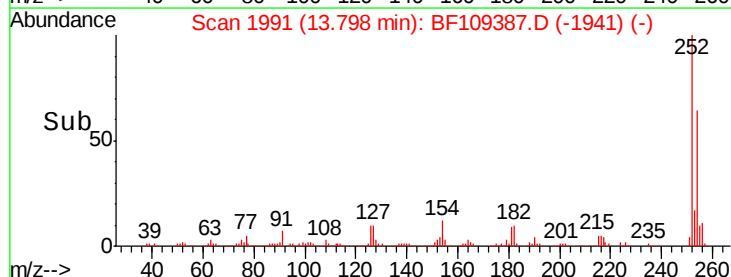
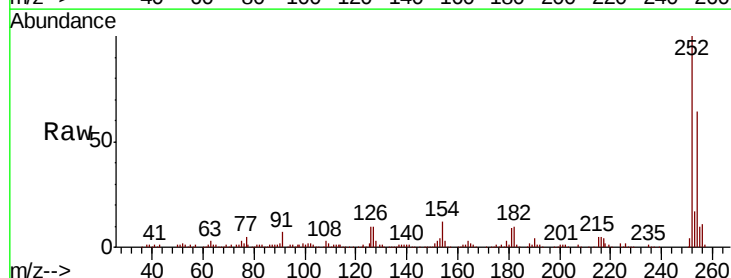
Tgt Ion:252 Resp: 181427

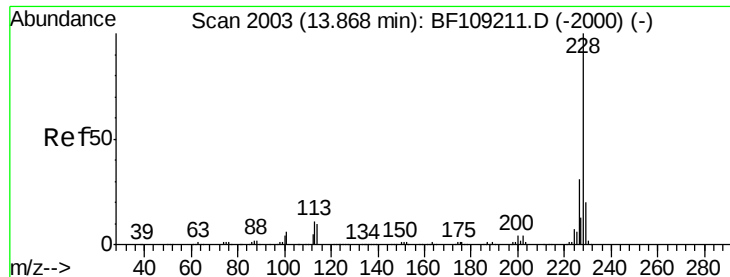
Ion Ratio Lower Upper

252 100

254 63.7 50.4 75.6

126 9.6 11.3 16.9#

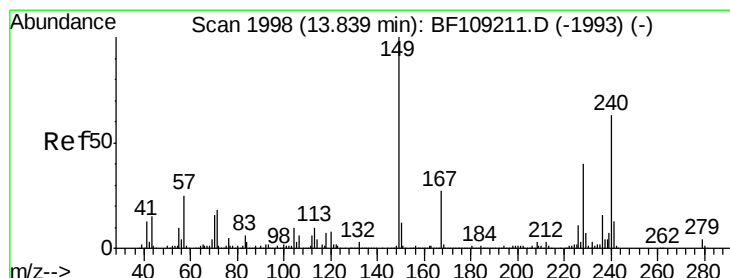
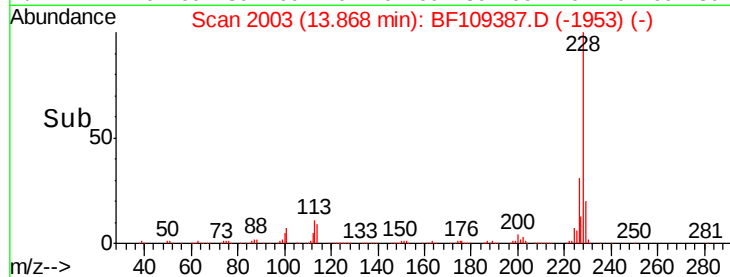
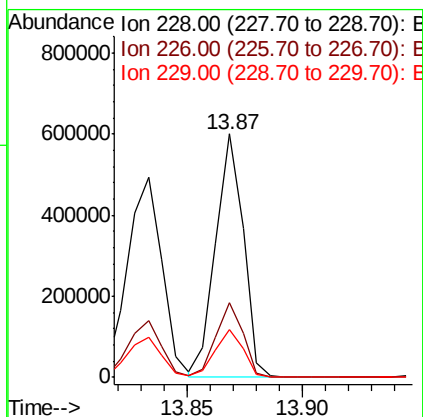
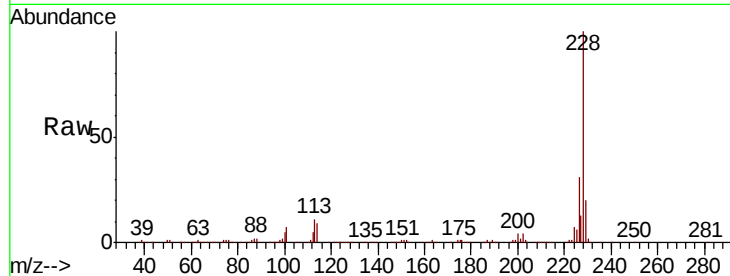




#82
 Chrvsene
 Concen: 34.988 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF109387.D
 Acq: 27 Sep 2018 15:19

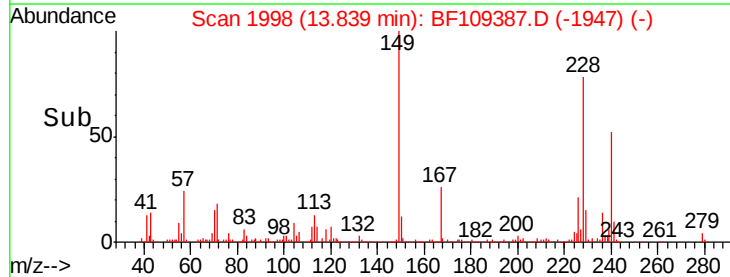
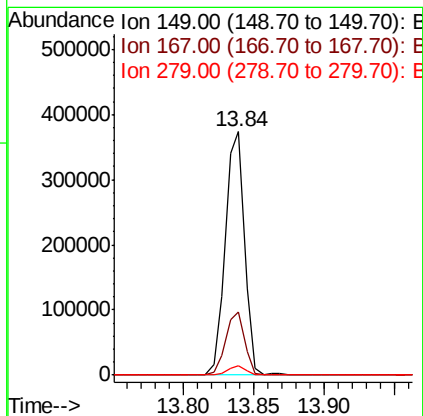
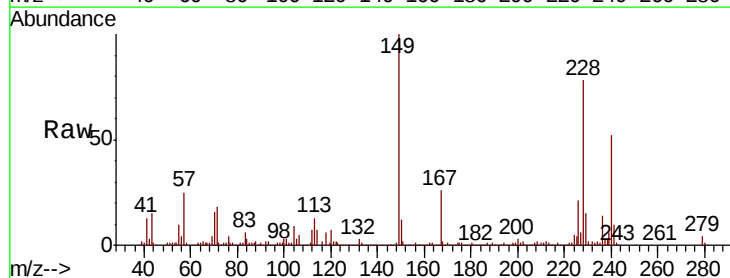
Instrument :
 BNA_F
 ClientSampleId :

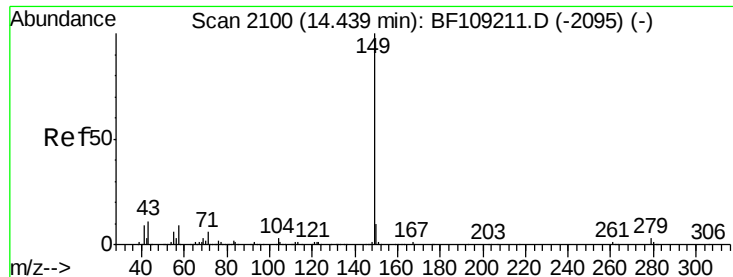
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	19.9	16.2	24.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.684 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.00 min
 Lab File: BF109387.D
 Acq: 27 Sep 2018 15:19

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.3	31.9
279	3.9	3.0	4.4

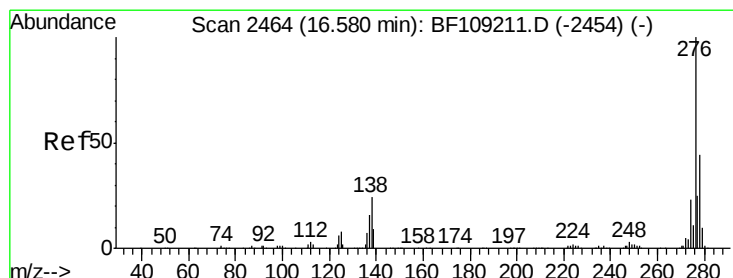
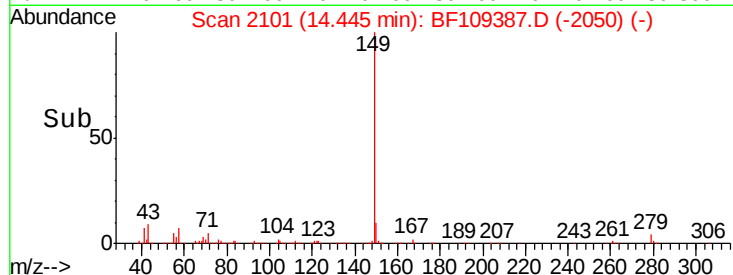
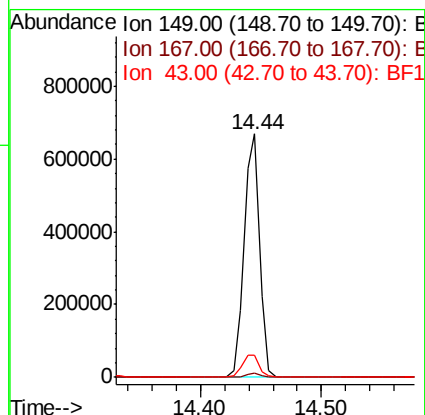
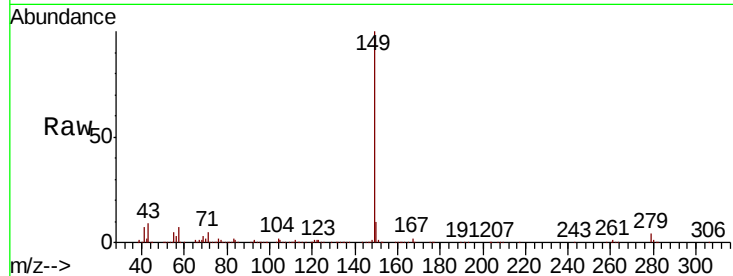




#84
Di-n-octyl phthalate
Concen: 38.412 ng
RT: 14.44 min Scan# 2101
Delta R.T. -0.00 min
Lab File: BF109387.D
Acq: 27 Sep 2018 15:19

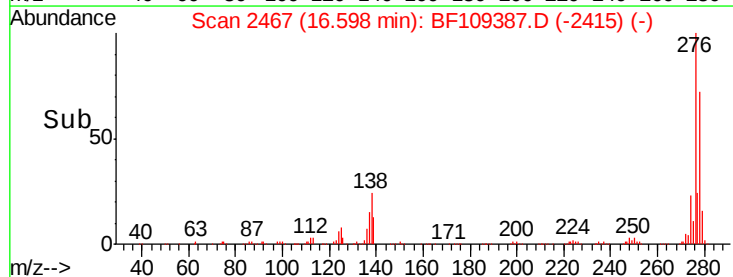
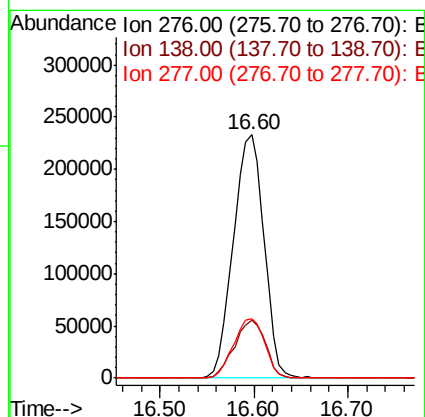
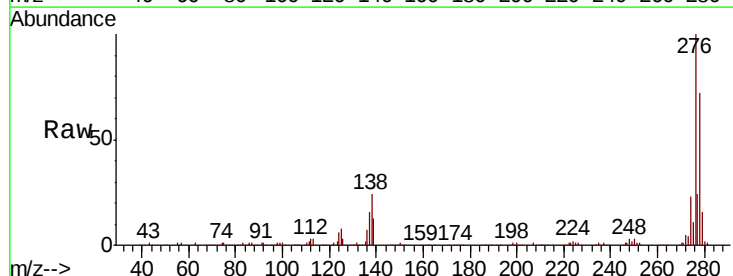
Instrument :
BNA_F
ClientSampleId :

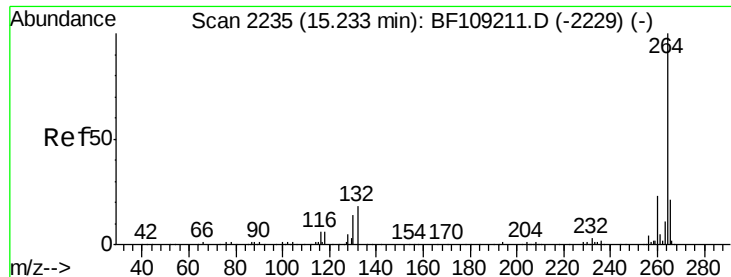
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.5	8.4	12.6



#85
Indeno(1,2,3-cd)pyrene
Concen: 45.856 ng
RT: 16.60 min Scan# 2467
Delta R.T. 0.01 min
Lab File: BF109387.D
Acq: 27 Sep 2018 15:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.3	25.0	37.6#
277	24.8	20.1	30.1

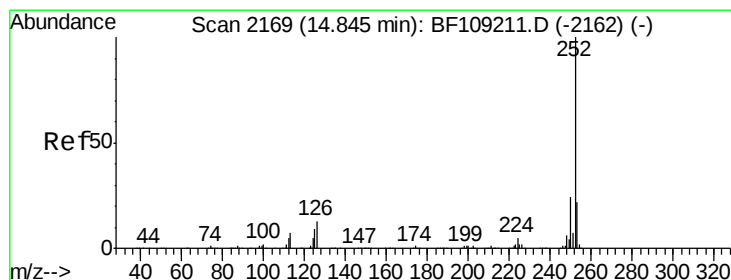
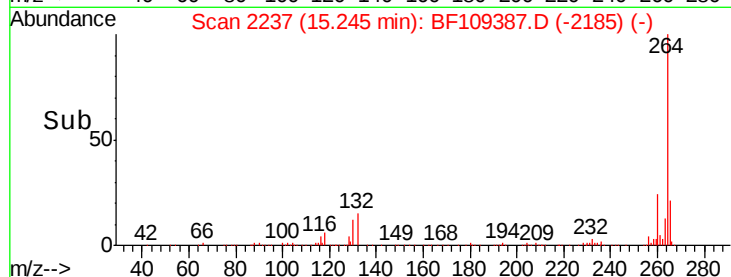
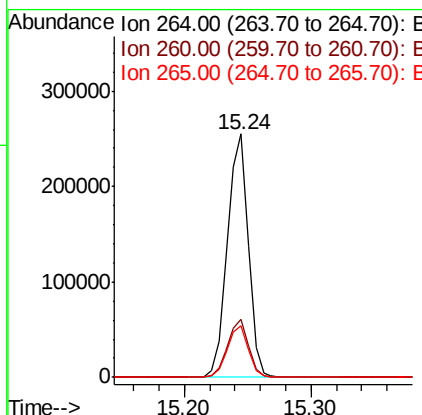
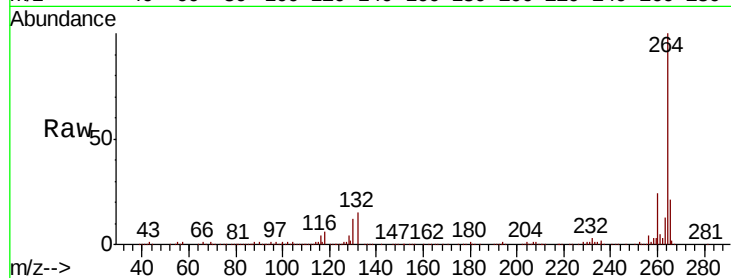




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF109387.D
Acq: 27 Sep 2018 15:19

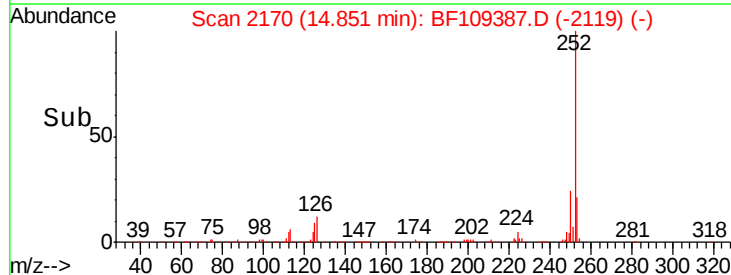
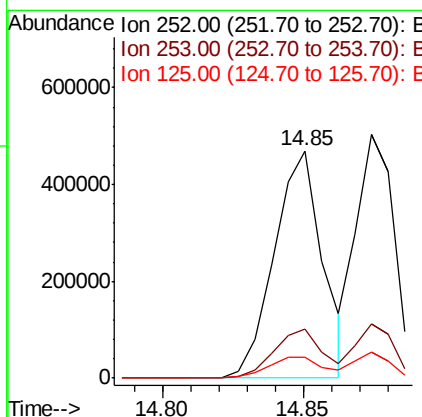
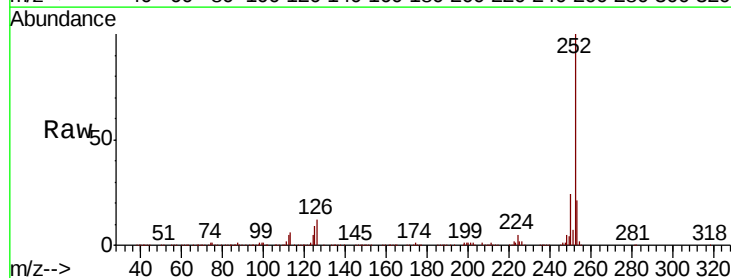
Instrument :
BNA_F
ClientSampleId :

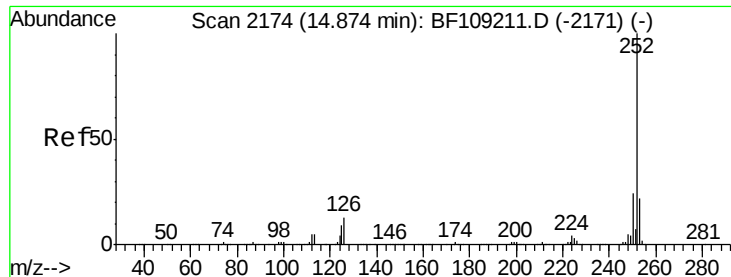
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.3	17.5	26.3



#87
Benzo(b)fluoranthene
Concen: 35.029 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BF109387.D
Acq: 27 Sep 2018 15:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.6
125	9.3	9.0	13.6

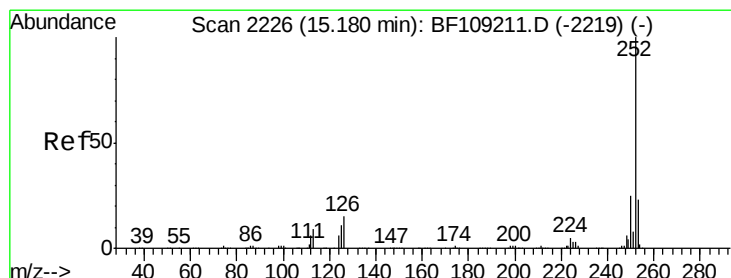
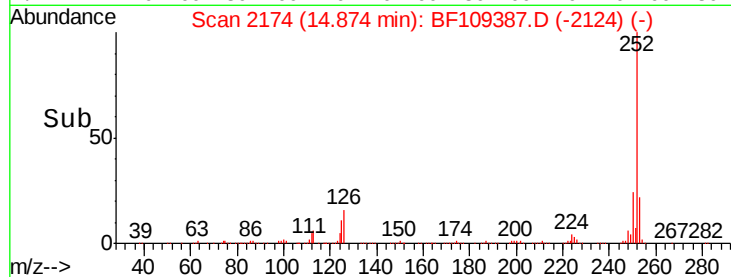
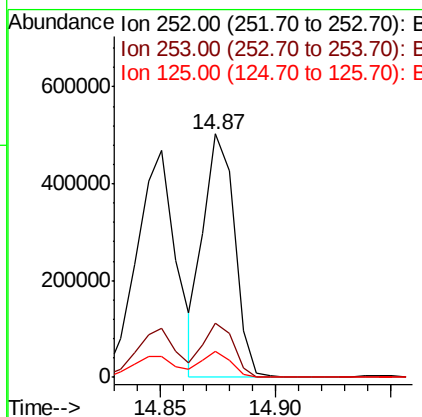
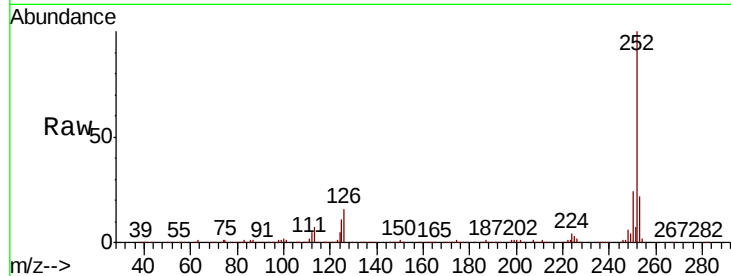




#88
Benzo(k)fluoranthene
Concen: 31.211 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF109387.D
Acq: 27 Sep 2018 15:19

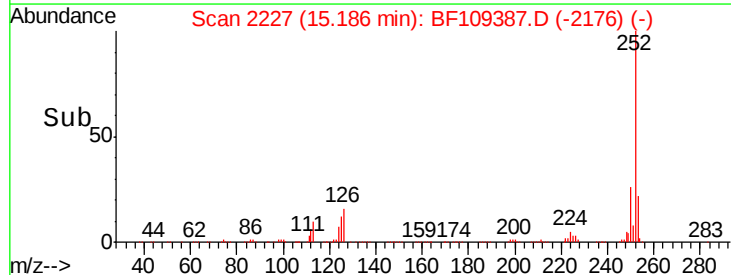
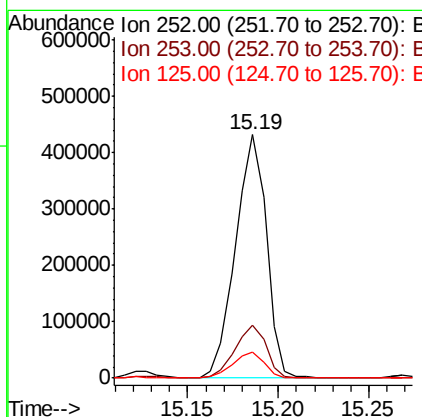
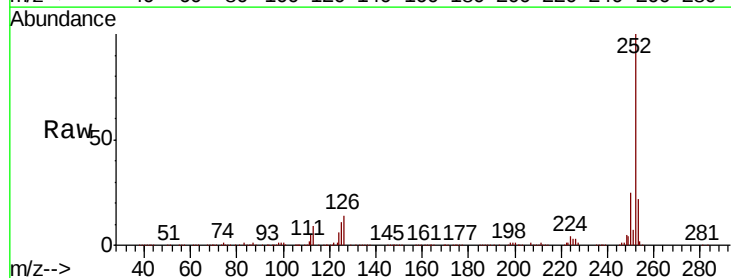
Instrument :
BNA_F
ClientSampleId :

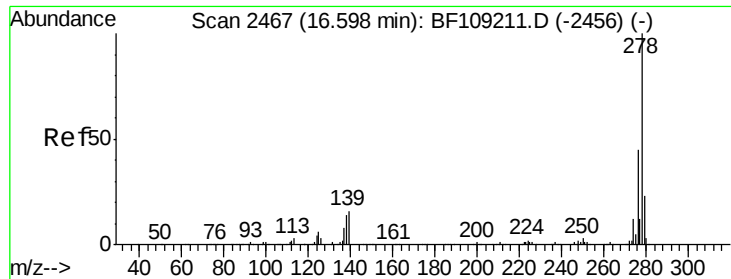
Tot Ion:252 Resp: 470854
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 10.7 10.2 15.2



#89
Benzo(a)pyrene
Concen: 35.952 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.00 min
Lab File: BF109387.D
Acq: 27 Sep 2018 15:19

Tgt Ion:252 Resp: 515043
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 10.9 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 36.687 ng

RT: 16.61 min Scan# 2469

Delta R.T. -0.00 min

Lab File: BF109387.D

Acq: 27 Sep 2018 15:19

Instrument :

BNA_F

ClientSampleId :

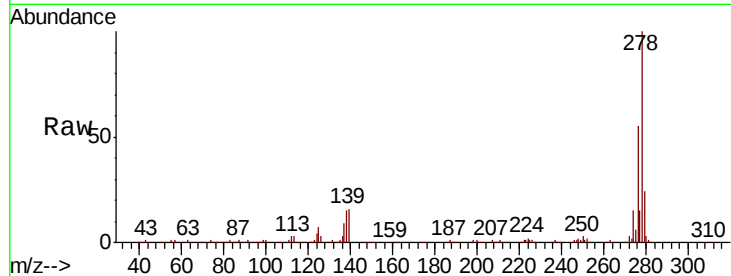
Tot Ion:278 Resp: 431174

Ion Ratio Lower Upper

278 100

139 15.8 15.9 23.9#

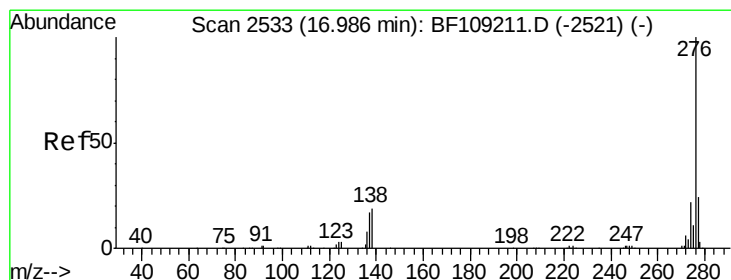
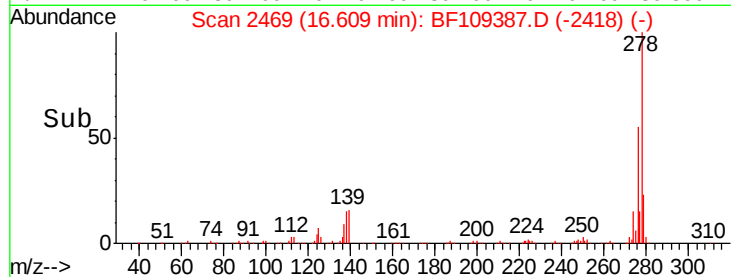
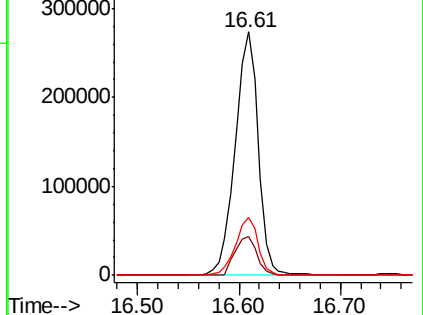
279 23.6 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 36.532 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.00 min

Lab File: BF109387.D

Acq: 27 Sep 2018 15:19

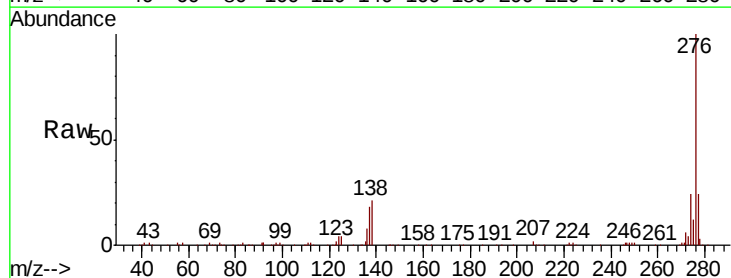
Tgt Ion:276 Resp: 421970

Ion Ratio Lower Upper

276 100

277 24.1 17.9 26.9

138 20.9 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

