

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
 Data File : BF109227.D
 Acq On : 22 Sep 2018 17:54
 Operator : JU/SJ
 Sample : J5004-03MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 24 06:48:57 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	6.70	152	137178	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	527457	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	246998	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	466776	20.00	ng	0.00
75) Chrysene-d12	13.84	240	272492	20.00	ng	0.00
86) Perylene-d12	15.23	264	277133	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	739902	88.84	ng	0.00
7) Phenol-d6	6.35	99	964894	90.79	ng	0.00
23) Nitrobenzene-d5	7.27	82	619576	69.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	233224	95.78	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1048661	64.03	ng	0.00
78) Terphenyl-d14	12.79	244	986512	88.85	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	95925	25.008	ng	92
3) Pyridine	3.12	79	257809	26.114	ng	94
4) n-Nitrosodimethylamine	3.05	42	137450	32.716	ng	# 99
6) Aniline	6.37	93	299029	21.993	ng	# 88
8) 2-Chlorophenol	6.49	128	273097	29.487	ng	97
9) Benzaldehyde	6.25	77	200536	29.373	ng	100
10) Phenol	6.36	94	344054	28.587	ng	77
11) bis(2-Chloroethyl)ether	6.45	93	269475	28.614	ng	99
12) 1,3-Dichlorobenzene	6.65	146	300229	28.155	ng	97
13) 1,4-Dichlorobenzene	6.72	146	301885	28.101	ng	100
14) 1,2-Dichlorobenzene	6.88	146	281391	28.394	ng	97
15) Benzyl Alcohol	6.85	79	252266	31.011	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	396590	29.689	ng	95
17) 2-Methylphenol	6.97	107	226268	30.193	ng	96
18) Hexachloroethane	7.22	117	109876	29.030	ng	97
19) n-Nitroso-di-n-propylamine	7.13	70	202280	29.047	ng	98
20) 3+4-Methylphenols	7.12	107	269394	29.775	ng	# 66
22) Acetophenone	7.12	105	384742	31.550	ng	# 92
24) Nitrobenzene	7.29	77	301129	31.696	ng	96
25) Isophorone	7.53	82	554203	34.444	ng	96
26) 2-Nitrophenol	7.60	139	130715	34.791	ng	96
27) 2,4-Dimethylphenol	7.65	122	246550	35.167	ng	100
28) bis(2-Chloroethoxy)methane	7.75	93	339824	31.906	ng	99
29) 2,4-Dichlorophenol	7.85	162	230827	31.337	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	241927	29.393	ng	97
31) Naphthalene	8.01	128	785448	31.867	ng	99
32) Benzoic acid	7.74	122	47403	15.338	ng	97
33) 4-Chloroaniline	8.06	127	92236	8.566	ng	96
34) Hexachlorobutadiene	8.13	225	143621	28.945	ng	96
35) Caprolactam	8.42	113	44430	18.893	ng	89
36) 4-Chloro-3-methylphenol	8.55	107	247569	31.940	ng	98
37) 2-Methylnaphthalene	8.70	142	527553	33.202	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	227916	28.994	ng	98
40) Hexachlorocyclopentadiene	8.86	237	191502	55.854	ng	98

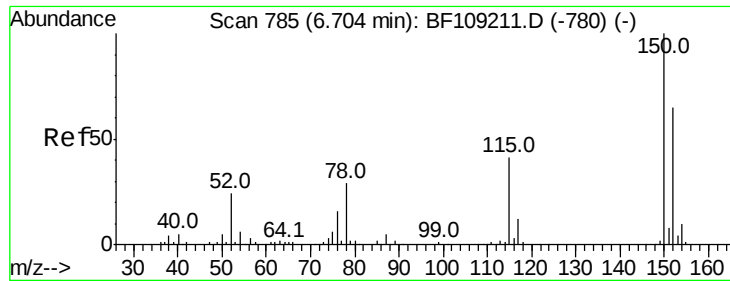
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	162005	32.111	nq	99
43) 2,4,5-Trichlorophenol	9.02	196	175330	32.905	nq	# 94
45) 1,1'-Biphenyl	9.16	154	627292	31.171	nq	99
46) 2-Chloronaphthalene	9.19	162	473007	29.421	nq	99
47) 2-Nitroaniline	9.28	65	150458	33.009	nq	95
48) Acenaphthylene	9.60	152	782179	32.250	nq	100
49) Dimethylphthalate	9.47	163	946081	52.662	nq	99
50) 2,6-Dinitrotoluene	9.53	165	122365	34.391	nq	95
51) Acenaphthene	9.77	154	487697	33.259	nq	99
52) 3-Nitroaniline	9.69	138	89804	21.795	nq	94
53) 2,4-Dinitrophenol	9.80	184	65861	55.155	nq	# 21
54) Dibenzofuran	9.95	168	660999	30.311	nq	98
55) 4-Nitrophenol	9.86	139	191922	61.831	nq	93
56) 2,4-Dinitrotoluene	9.93	165	155398	34.518	nq	# 98
57) Fluorene	10.29	166	499289	32.089	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.06	232	137467	32.584	nq	91
59) Diethylphthalate	10.16	149	567461	31.192	nq	98
60) 4-Chlorophenyl-phenylether	10.28	204	234891	28.903	nq	92
61) 4-Nitroaniline	10.30	138	130376	32.445	nq	95
62) Azobenzene	10.44	77	580587	30.717	nq	96
64) 4,6-Dinitro-2-methylphenol	10.33	198	51761	30.462	nq	89
65) n-Nitrosodiphenylamine	10.40	169	479568	31.096	nq	96
66) 4-Bromophenyl-phenylether	10.76	248	159661	30.803	nq	92
67) Hexachlorobenzene	10.83	284	163779	29.751	nq	# 92
68) Atrazine	10.93	200	158840	33.489	nq	95
69) Pentachlorophenol	11.03	266	161679	49.070	nq	99
70) Phenanthrene	11.24	178	758288	32.536	nq	99
71) Anthracene	11.29	178	771809	32.650	nq	100
72) Carbazole	11.45	167	691541	29.403	nq	99
73) Di-n-butylphthalate	11.79	149	874953	32.315	nq	99
74) Fluoranthene	12.42	202	767843	30.829	nq	95
76) Benzidine	12.54	184	318131	32.381	nq	98
77) Pyrene	12.64	202	753380	38.577	nq	99
79) Butylbenzylphthalate	13.27	149	339231	40.830	nq	97
80) Benzo(a)anthracene	13.83	228	554969	33.813	nq	99
81) 3,3'-Dichlorobenzidine	13.79	252	140504	22.525	nq	# 98
82) Chrysene	13.86	228	528766	32.504	nq	100
83) Bis(2-ethylhexyl)phthalate	13.83	149	412829	39.398	nq	99
84) Di-n-octyl phthalate	14.44	149	658243	36.741	nq	99
85) Indeno(1,2,3-cd)pyrene	16.58	276	562591	42.666	nq	# 93
87) Benzo(b)fluoranthene	14.84	252	480086	31.526	nq	98
88) Benzo(k)fluoranthene	14.87	252	463143	32.051	nq	# 96
89) Benzo(a)pyrene	15.18	252	466800	34.018	nq	98
90) Dibenzo(a,h)anthracene	16.59	278	464094	41.226	nq	96
91) Benzo(g,h,i)perylene	16.98	276	467370	42.243	nq	93

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

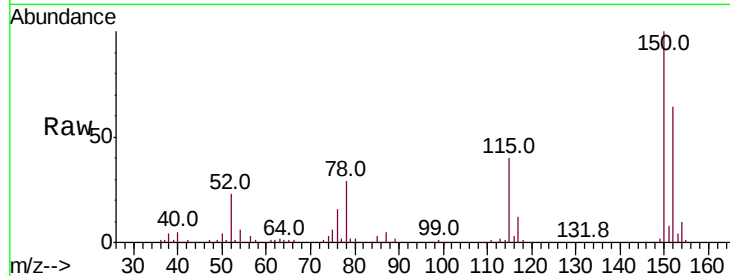


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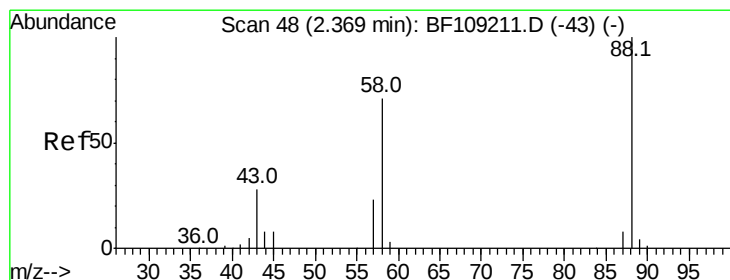
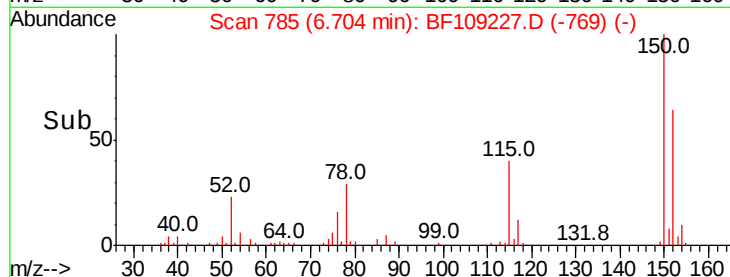
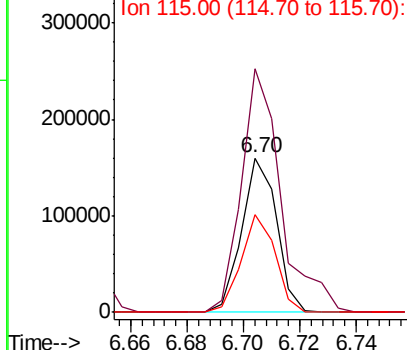
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109227.D
Acq: 22 Sep 2018 17:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 137178
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 62.9 50.1 75.1



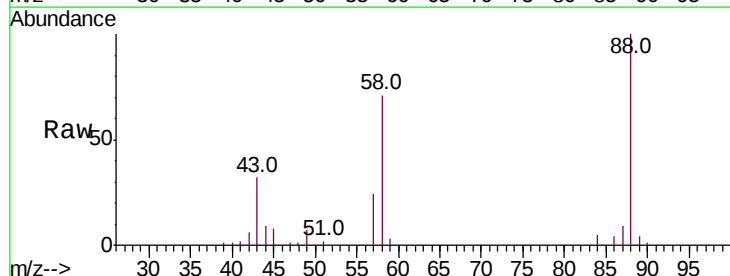
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



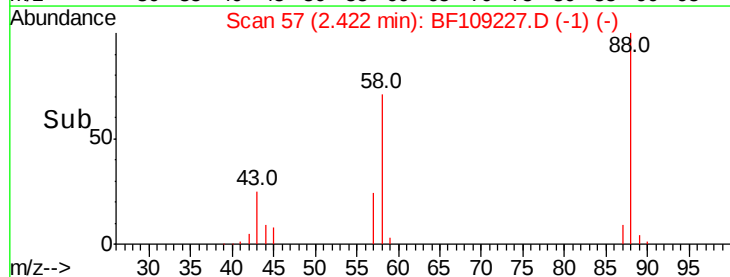
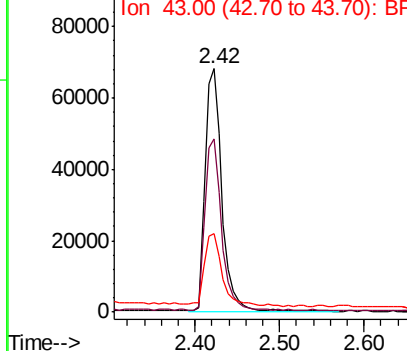
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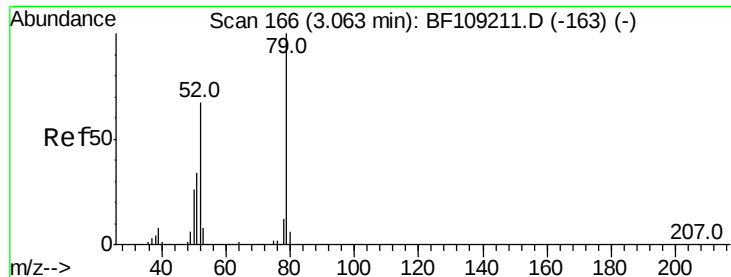
1,4-Dioxane
Concen: 25.008 ng
RT: 2.42 min Scan# 57
Delta R.T. 0.05 min
Lab File: BF109227.D
Acq: 22 Sep 2018 17:54

Tgt Ion: 88 Resp: 95925
Ion Ratio Lower Upper
88 100
58 69.1 62.6 93.8
43 29.5 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: 26.114 ng

RT: 3.12 min Scan# 176

Delta R.T. 0.06 min

Lab File: BF109227.D

Acq: 22 Sep 2018 17:54

Instrument :

BNA_F

ClientSampleId :

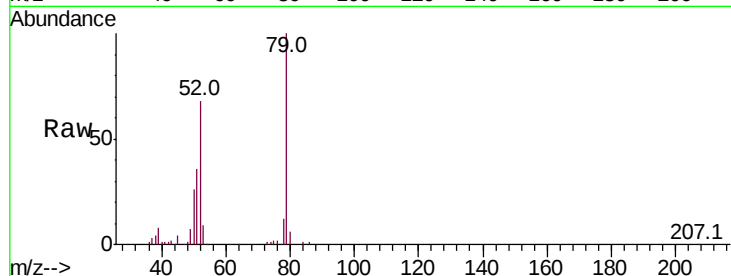
Tot Ion: 79 Resp: 257809

Ion Ratio Lower Upper

79 100

52 67.9 59.8 89.6

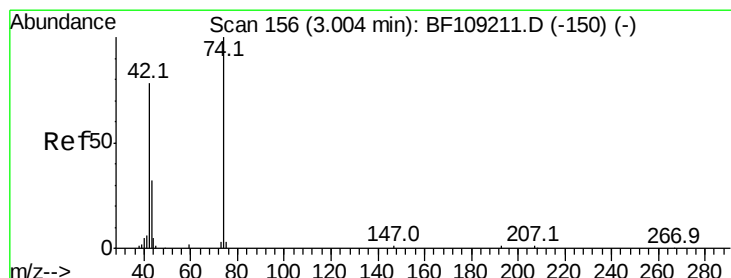
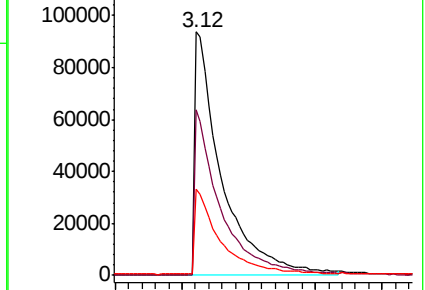
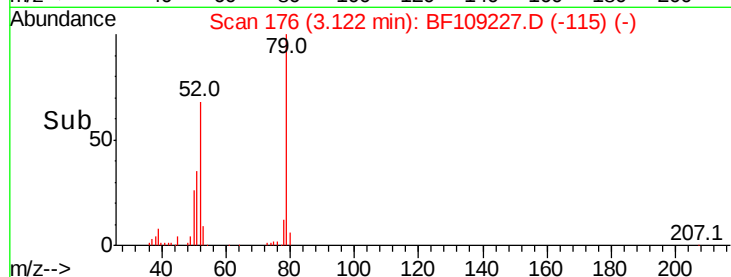
51 35.6 29.8 44.8



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: 32.716 ng

RT: 3.05 min Scan# 164

Delta R.T. 0.03 min

Lab File: BF109227.D

Acq: 22 Sep 2018 17:54

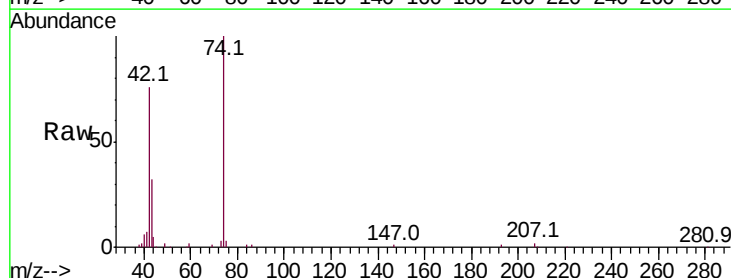
Tgt Ion: 42 Resp: 137450

Ion Ratio Lower Upper

42 100

74 131.7 104.9 157.3

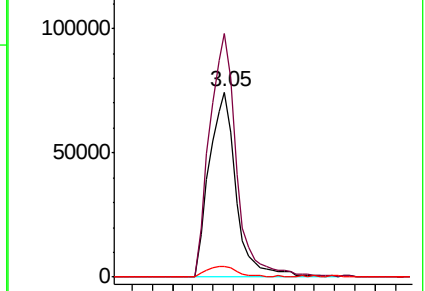
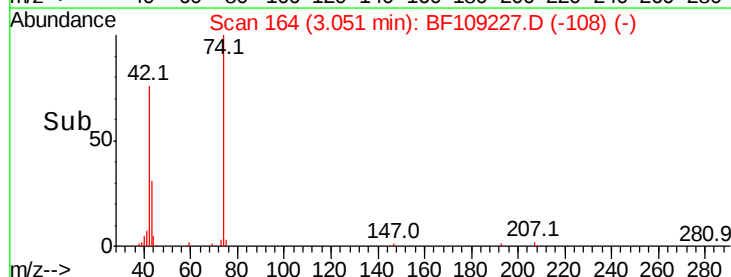
44 6.0 6.9 10.3#

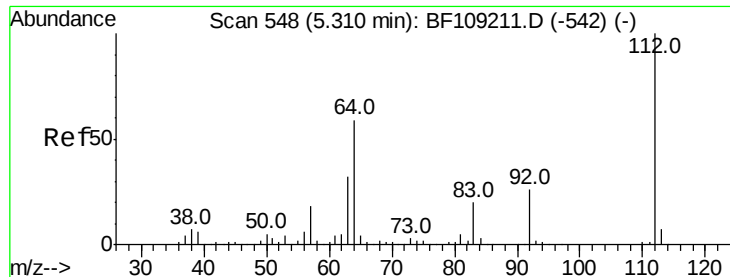


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1

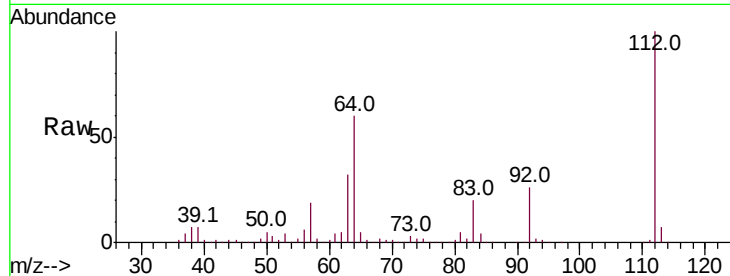




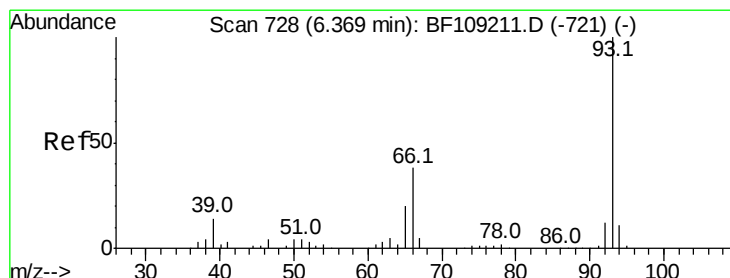
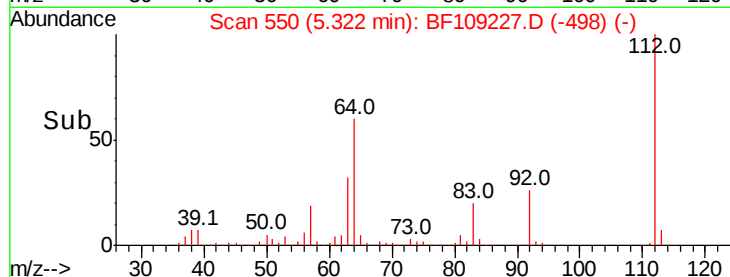
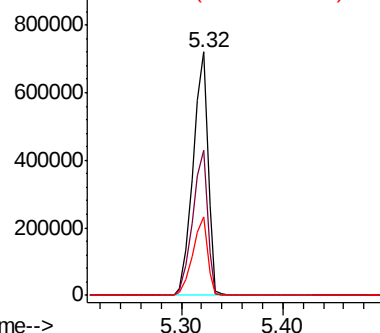
#5
 2-Fluorophenol
 Concen: 88.839 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.01 min
 Lab File: BF109227.D
 Acq: 22 Sep 2018 17:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	112	Resp:	739902
Ion	Ratio	Lower	Upper
112	100		
64	59.8	47.9	71.9
63	32.1	23.7	35.5

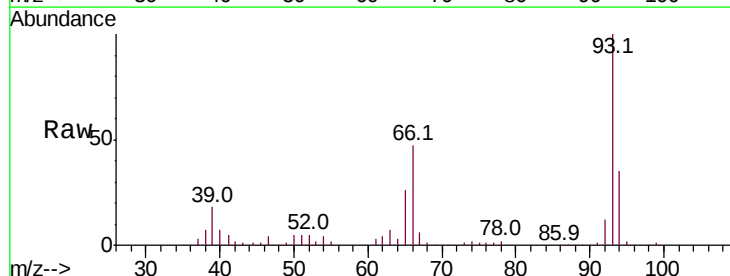


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

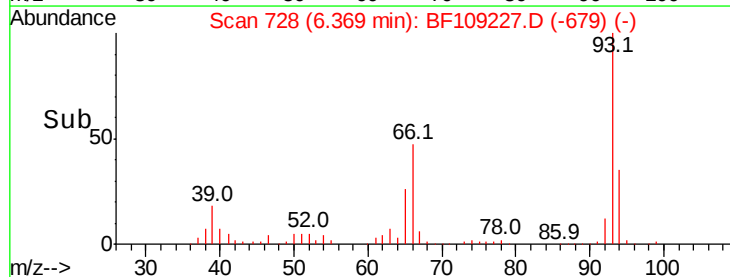
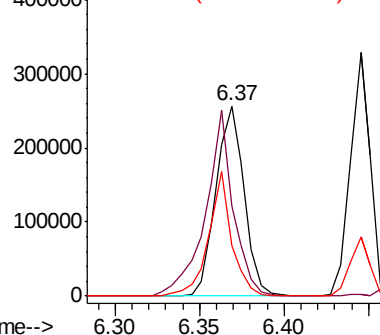


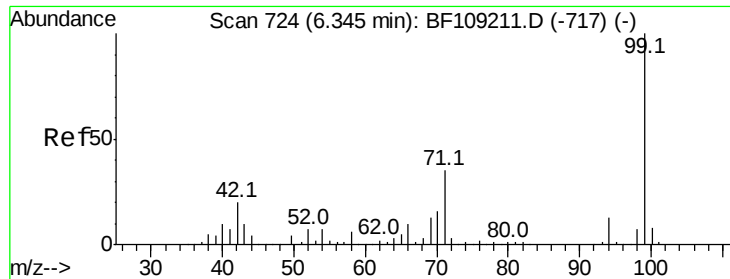
#6
 Aniline
 Concen: 21.993 ng
 RT: 6.37 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: BF109227.D
 Acq: 22 Sep 2018 17:54

Tgt Ion:	93	Resp:	299029
Ion	Ratio	Lower	Upper
93	100		
66	47.1	32.2	48.2
65	26.3	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: 90.792 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109227.D

Acq: 22 Sep 2018 17:54

Instrument :

BNA_F

ClientSampled :

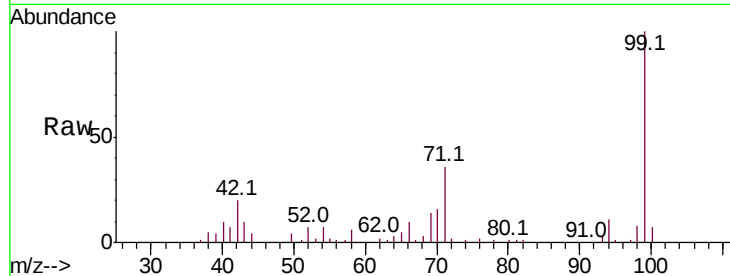
Tot Ion: 99 Resp: 964894

Ion Ratio Lower Upper

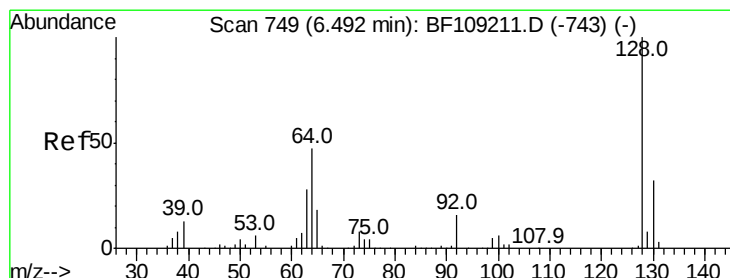
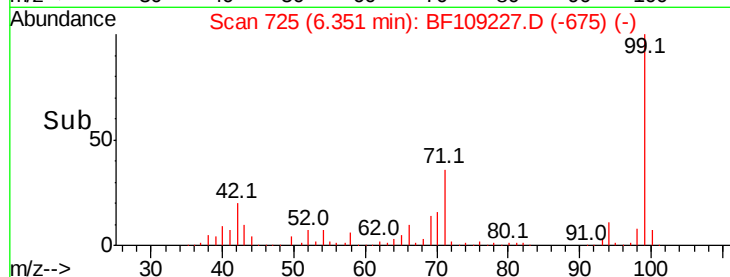
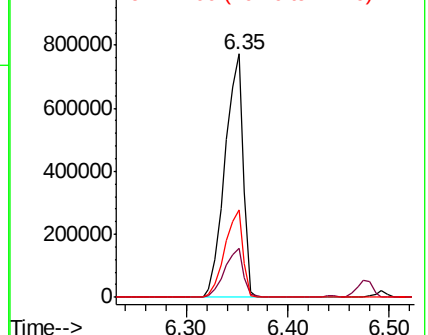
99 100

42 20.0 14.5 21.7

71 36.1 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: 29.487 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF109227.D

Acq: 22 Sep 2018 17:54

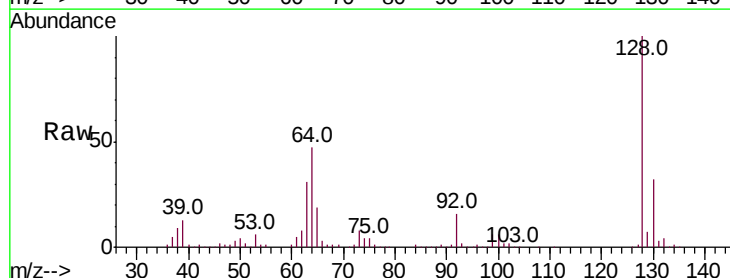
Tgt Ion: 128 Resp: 273097

Ion Ratio Lower Upper

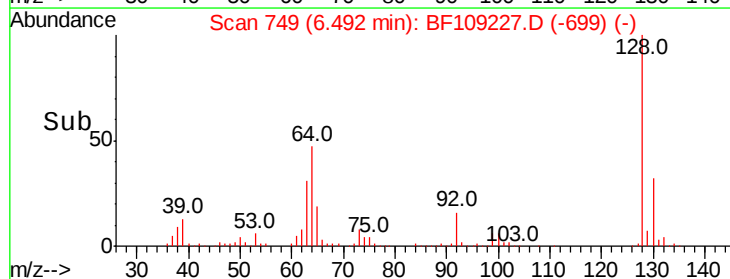
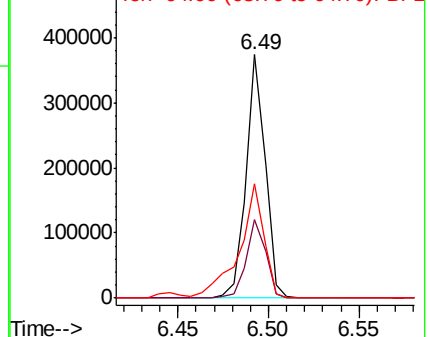
128 100

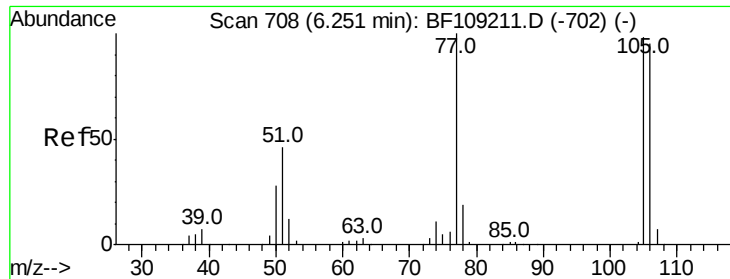
130 32.0 13.0 53.0

64 46.9 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

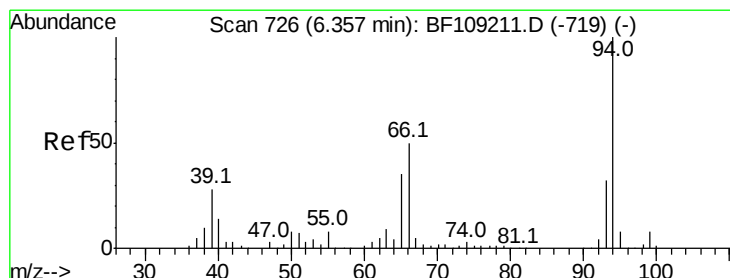
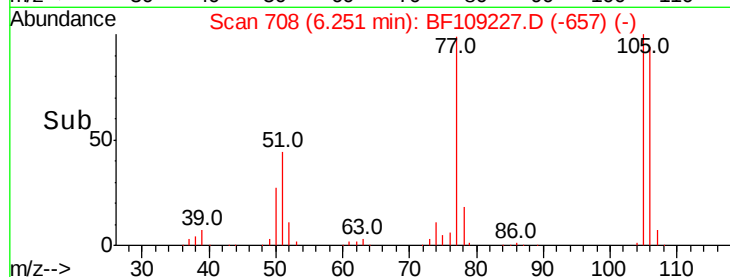
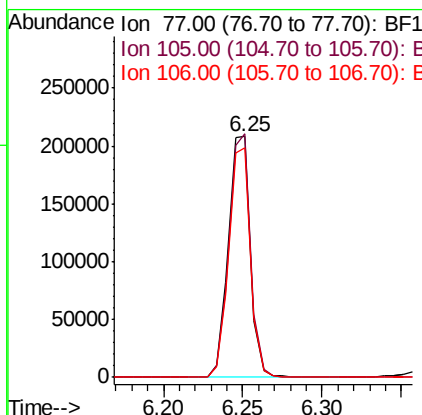
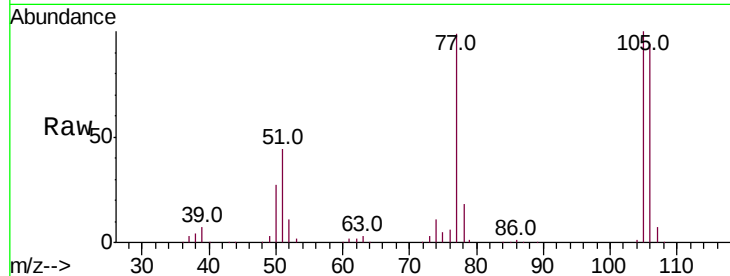




#9
Benzaldehyde
Concen: 29.373 ng
RT: 6.25 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF109227.D
Acq: 22 Sep 2018 17:54

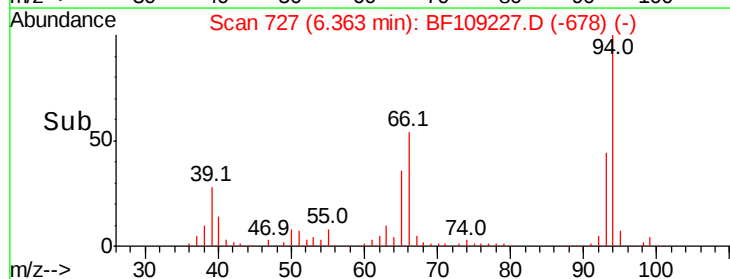
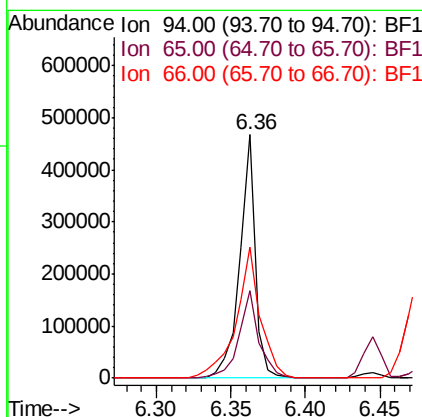
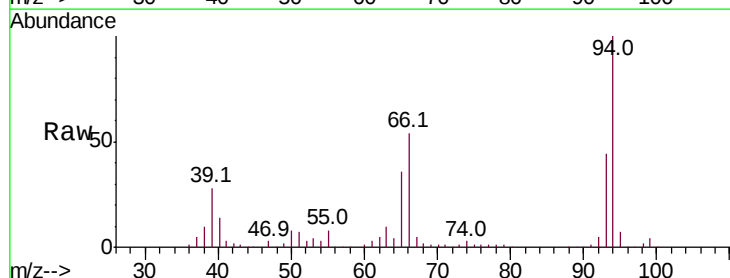
Instrument :
BNA_F
ClientSampled :

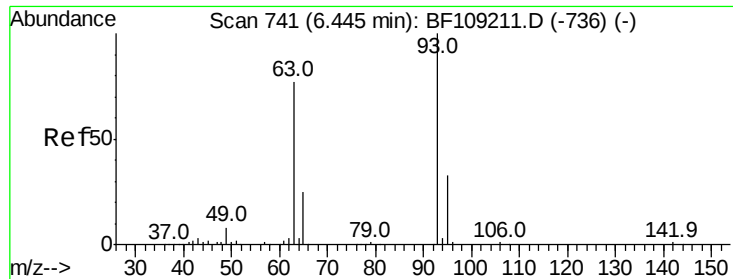
Tot Ion: 77 Resp: 200536
Ion Ratio Lower Upper
77 100
105 101.1 81.1 121.1
106 95.5 74.5 114.5



#10
Phenol
Concen: 28.587 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF109227.D
Acq: 22 Sep 2018 17:54

Tgt Ion: 94 Resp: 344054
Ion Ratio Lower Upper
94 100
65 36.1 7.9 47.9
66 53.6 16.2 56.2

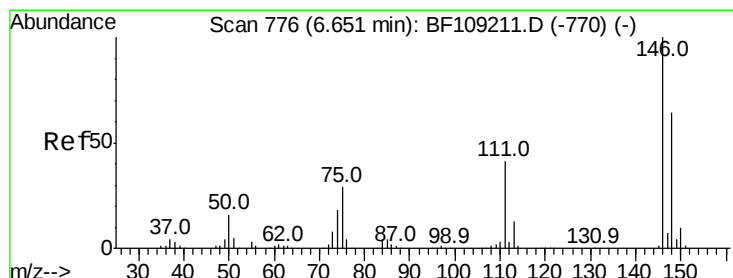
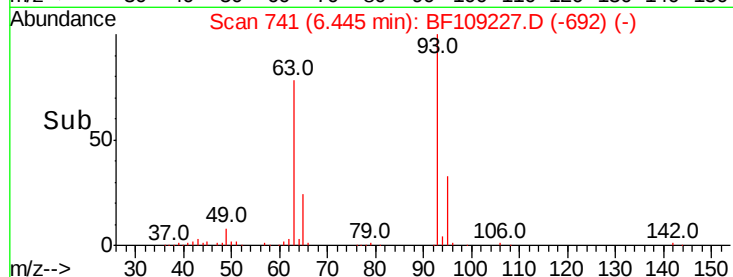
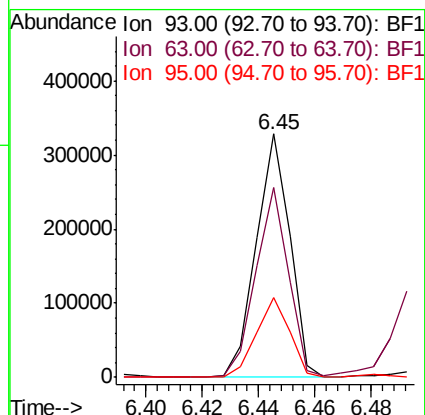
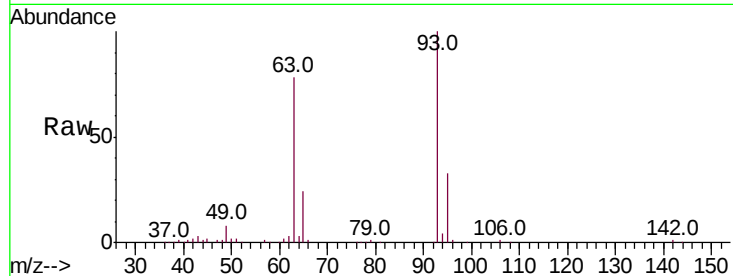




#11
 bis(2-Chloroethyl)ether
 Concen: 28.614 ng
 RT: 6.45 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF109227.D
 Acq: 22 Sep 2018 17:54

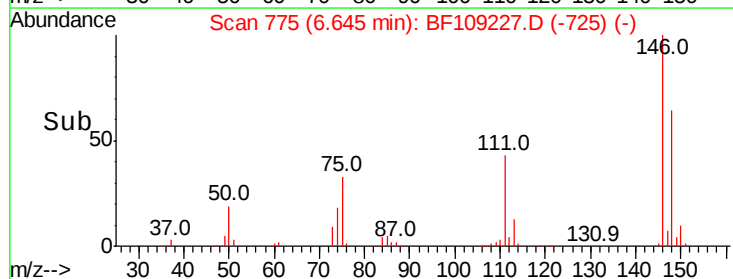
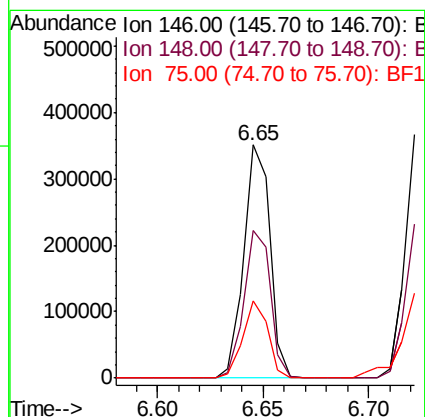
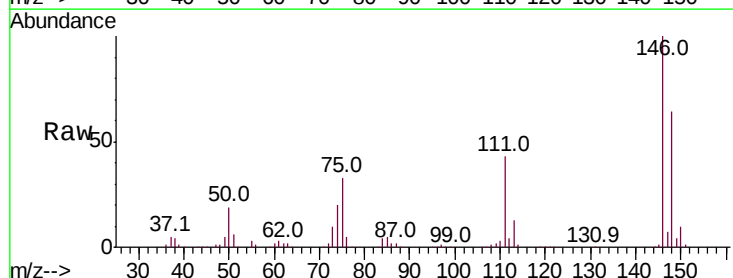
Instrument :
 BNA_F
 ClientSampled :

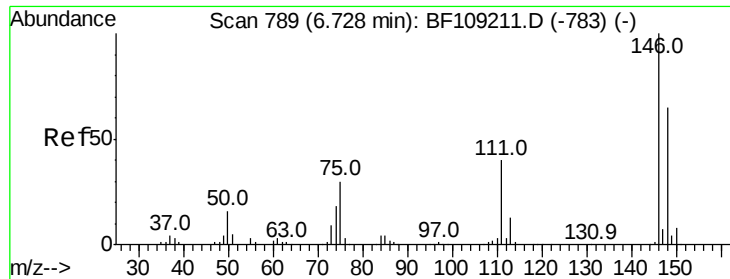
Tot Ion	Ratio	Lower	Upper
93	100		
63	77.9	58.6	98.6
95	32.6	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 28.155 ng
 RT: 6.65 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF109227.D
 Acq: 22 Sep 2018 17:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.8	77.8
75	33.1	24.2	36.4

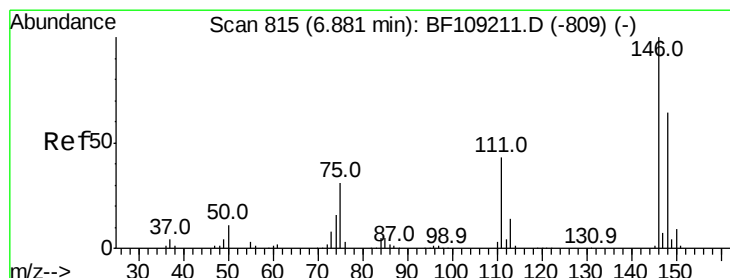
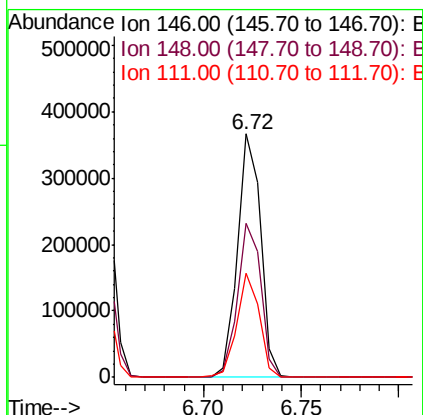
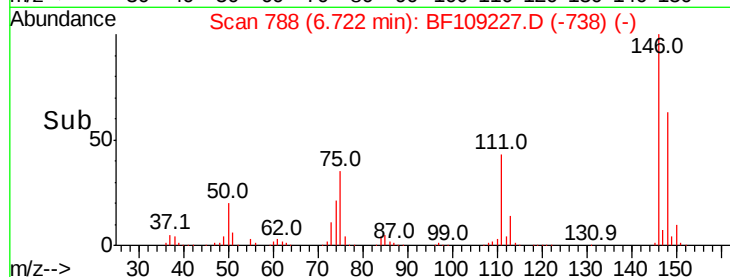
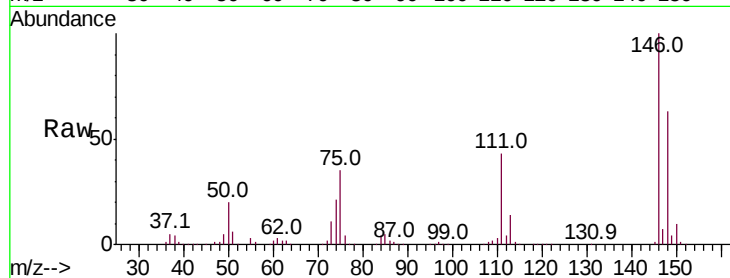




#13
 1,4-Dichlorobenzene
 Concen: 28.101 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF109227.D
 Acq: 22 Sep 2018 17:54

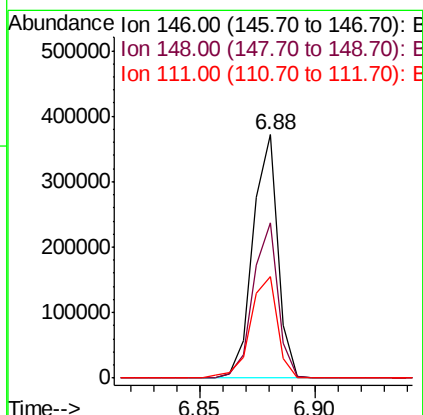
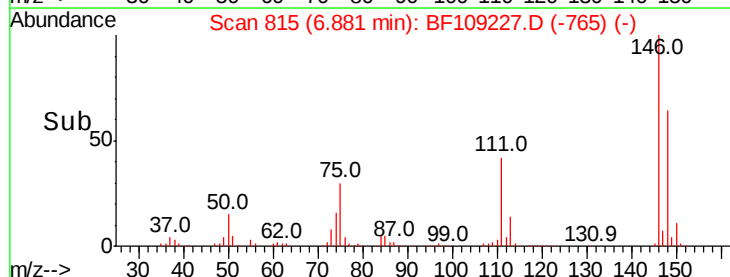
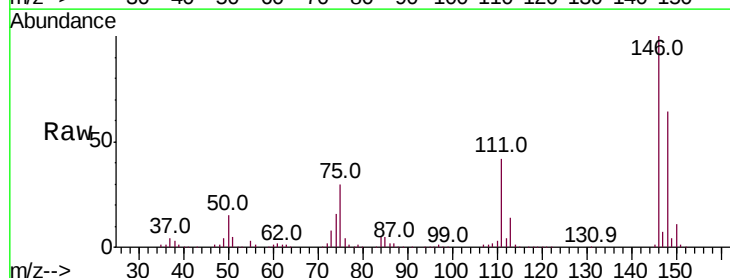
Instrument :
 BNA_F
 ClientSampled :

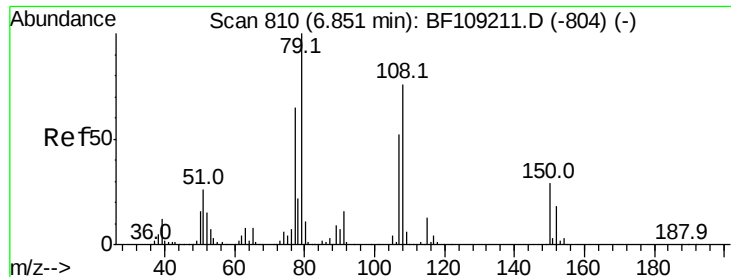
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.8	76.2
111	43.0	34.2	51.2



#14
 1,2-Dichlorobenzene
 Concen: 28.394 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF109227.D
 Acq: 22 Sep 2018 17:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.6	75.8
111	41.8	36.0	54.0





#15

Benzyl Alcohol

Concen: 31.011 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF109227.D

Acq: 22 Sep 2018 17:54

Instrument :

BNA_F

ClientSampleId :

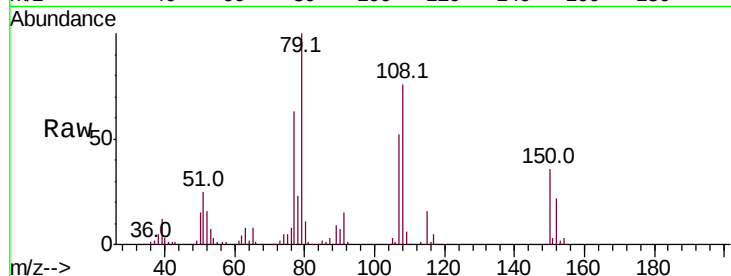
Tot Ion: 79 Resp: 252266

Ion Ratio Lower Upper

79 100

108 76.4 65.1 97.7

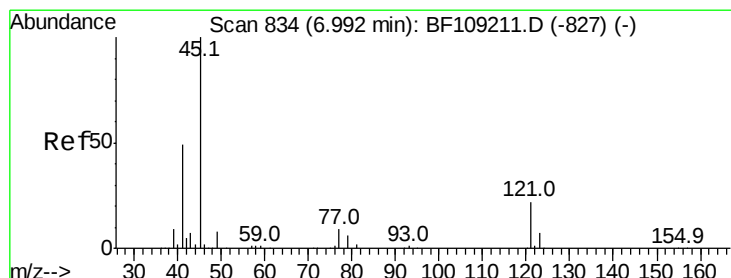
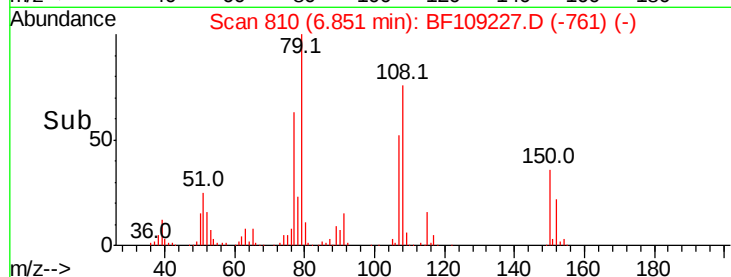
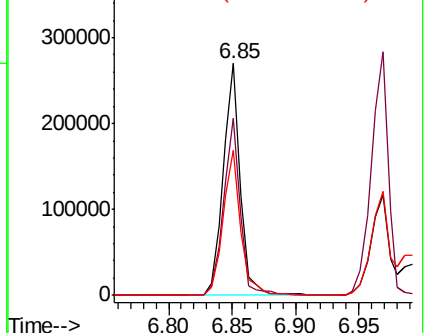
77 62.9 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 29.689 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF109227.D

Acq: 22 Sep 2018 17:54

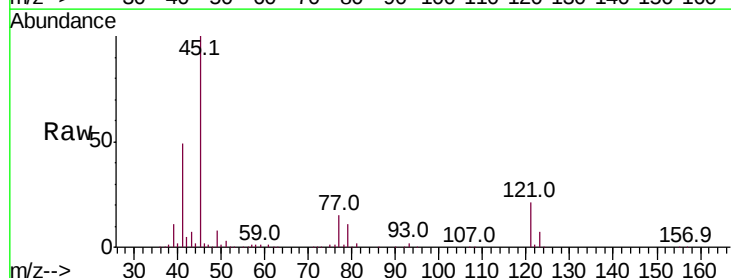
Tgt Ion: 45 Resp: 396590

Ion Ratio Lower Upper

45 100

77 14.8 0.0 32.9

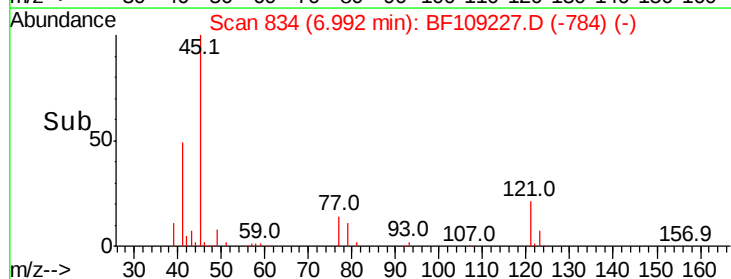
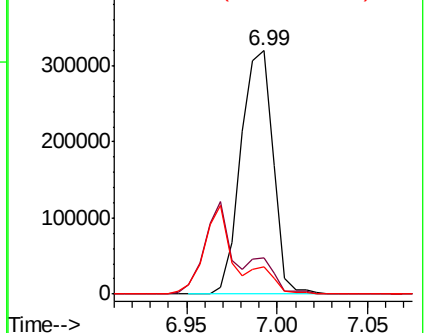
79 11.4 0.0 29.6

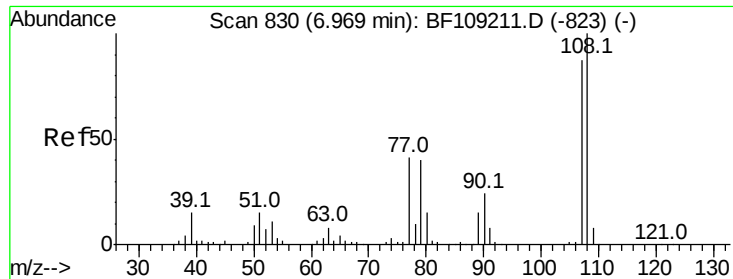


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

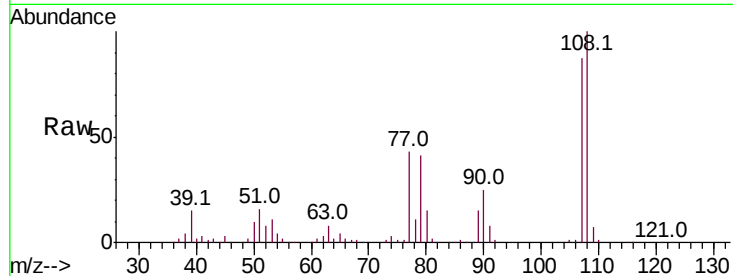




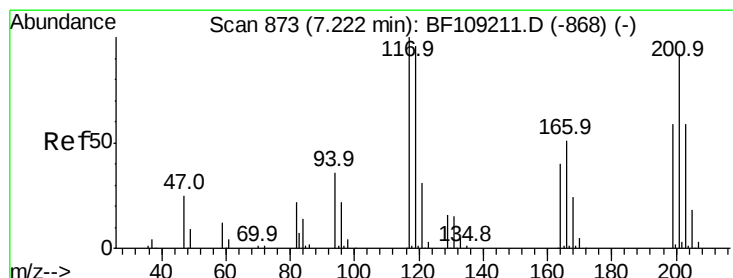
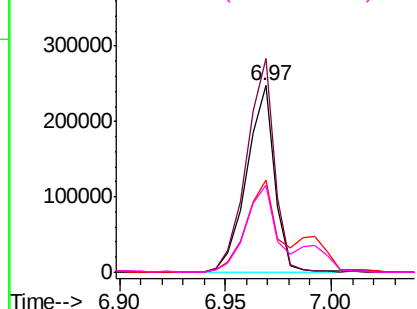
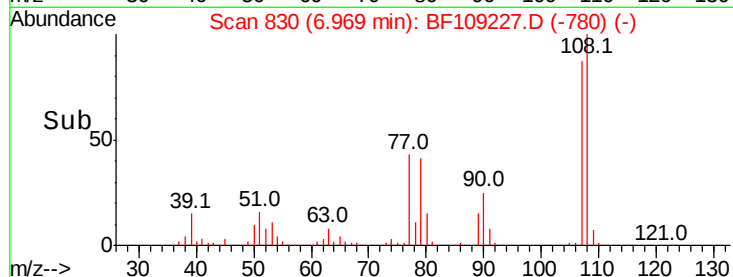
#17
2-Methylphenol
Concen: 30.193 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF109227.D
Acq: 22 Sep 2018 17:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 226268
Ion Ratio Lower Upper
107 100
108 114.4 91.7 137.5
77 49.2 33.8 50.8
79 46.8 33.8 50.8

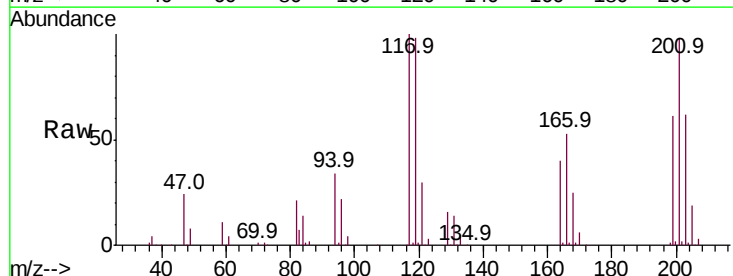


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

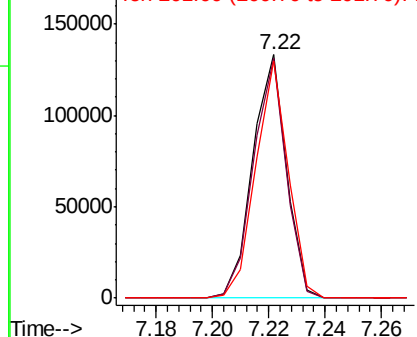
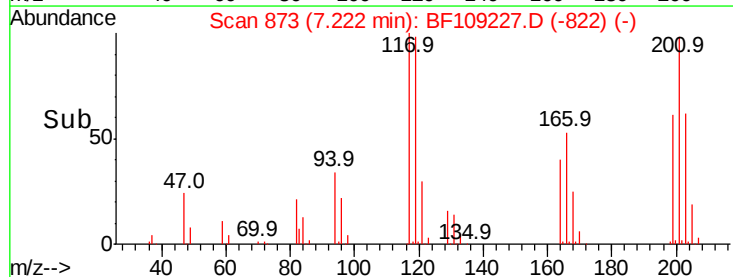


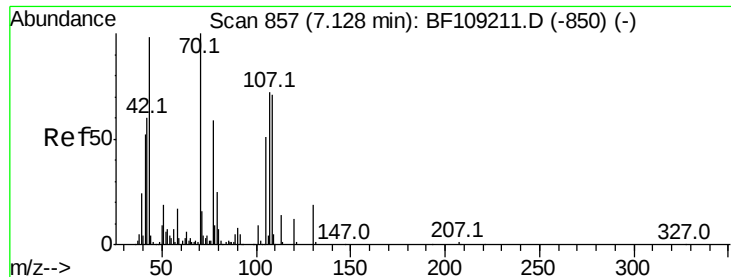
#18
Hexachloroethane
Concen: 29.030 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF109227.D
Acq: 22 Sep 2018 17:54

Tgt Ion:117 Resp: 109876
Ion Ratio Lower Upper
117 100
119 98.2 75.8 113.8
201 97.6 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

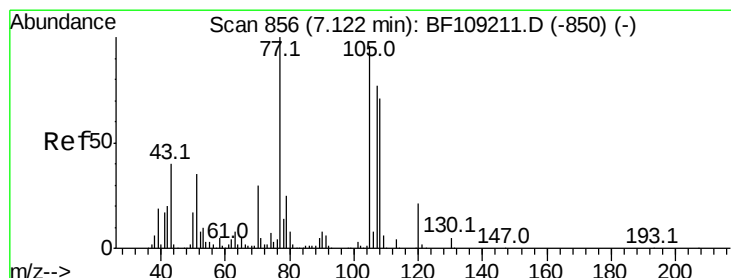
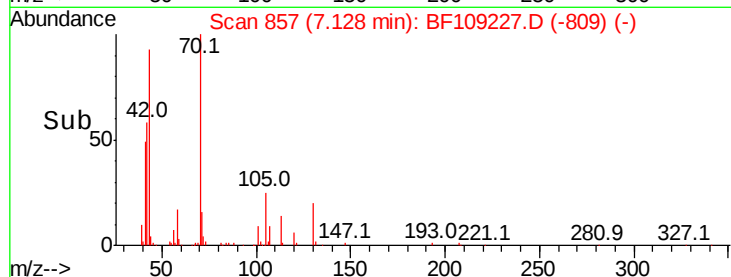
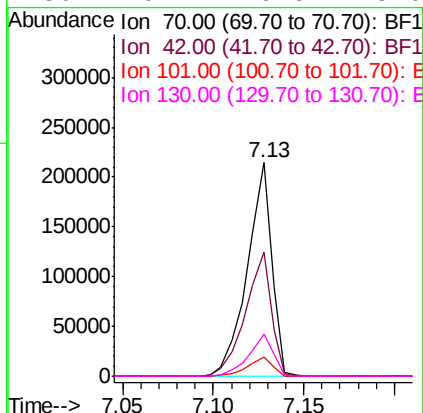
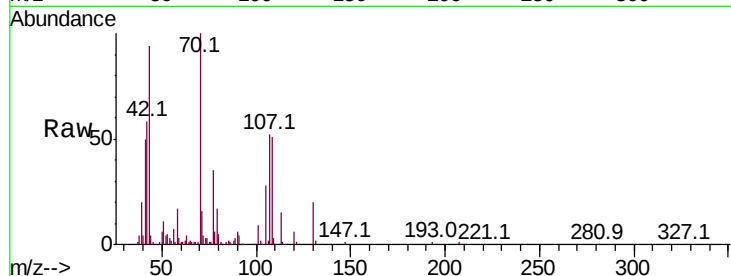




#19
n-Nitroso-di-n-propylamine
Concen: 29.047 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF109227.D
Acq: 22 Sep 2018 17:54

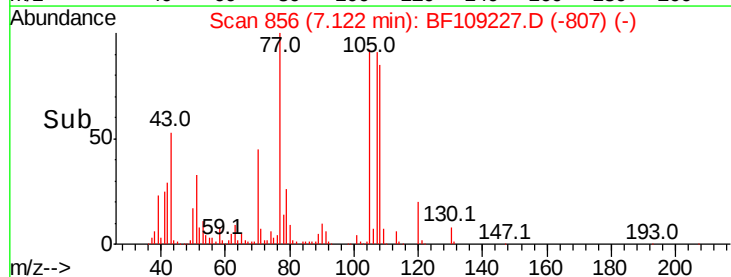
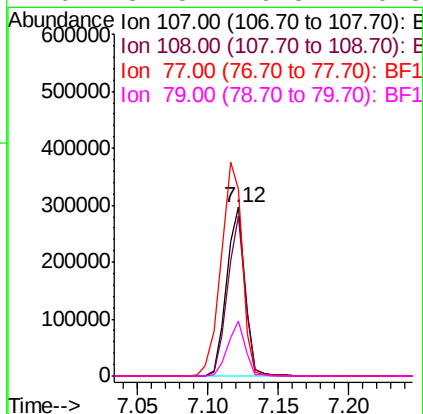
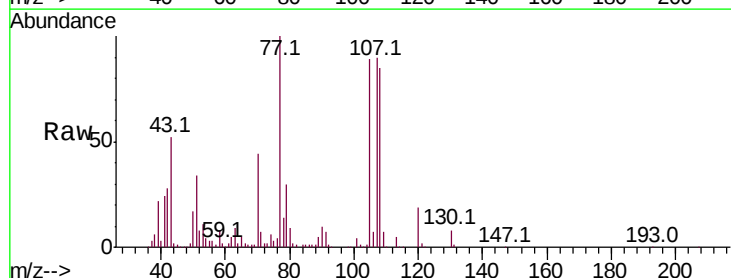
Instrument :
BNA_F
ClientSampleId :

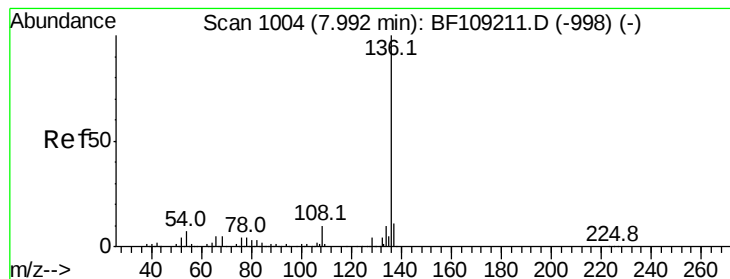
Tot Ion:	70	Resp:	202280
Ion	Ratio	Lower	Upper
70	100		
42	58.2	47.5	71.3
101	9.0	7.4	11.2
130	19.7	16.6	25.0



#20
3+4-Methylphenols
Concen: 29.775 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109227.D
Acq: 22 Sep 2018 17:54

Tgt Ion:	107	Resp:	269394
Ion	Ratio	Lower	Upper
107	100		
108	94.5	68.2	108.2
77	110.8	26.7	66.7#
79	32.8	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: BF109227.D

Acq: 22 Sep 2018 17:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 527457

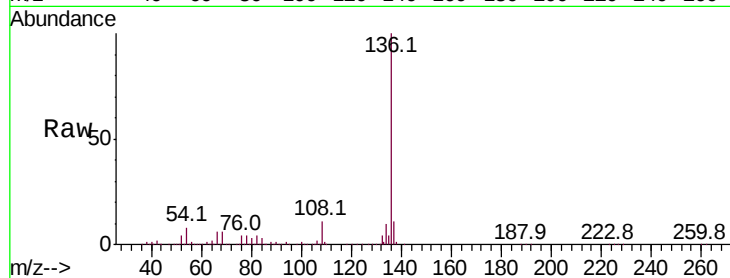
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.7 6.6 9.8

68 5.8 5.0 7.4



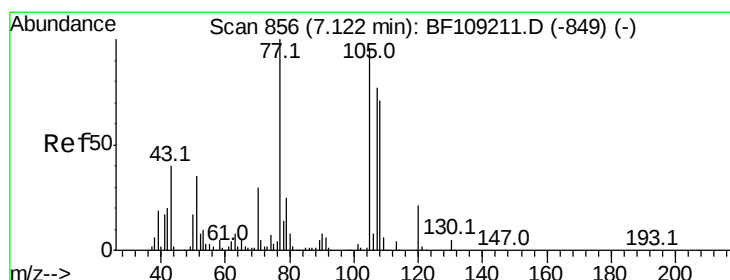
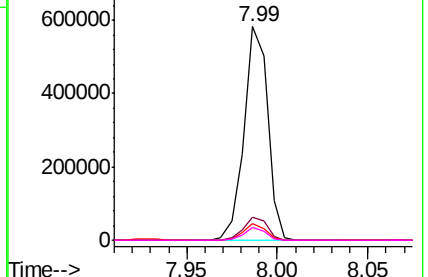
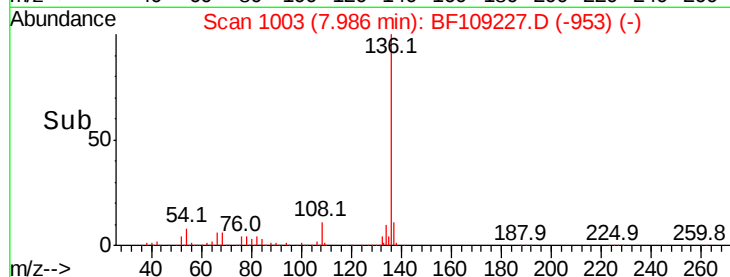
Abundance

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: 31.550 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF109227.D

Acq: 22 Sep 2018 17:54

Tgt Ion:105 Resp: 384742

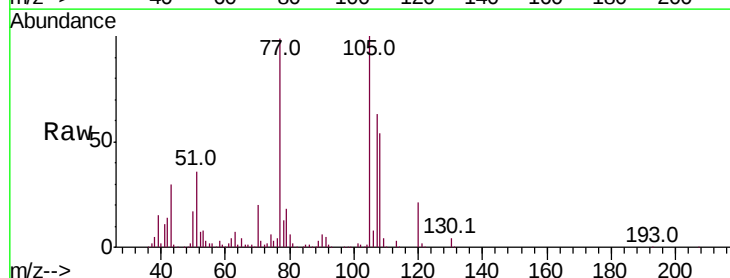
Ion Ratio Lower Upper

105 100

71 3.2 4.4 6.6#

51 35.5 22.3 33.5#

120 21.2 16.9 25.3



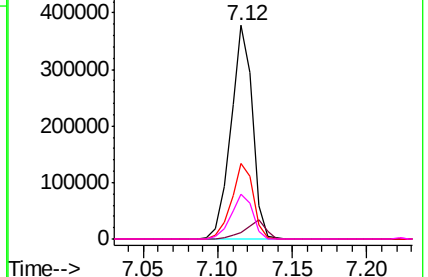
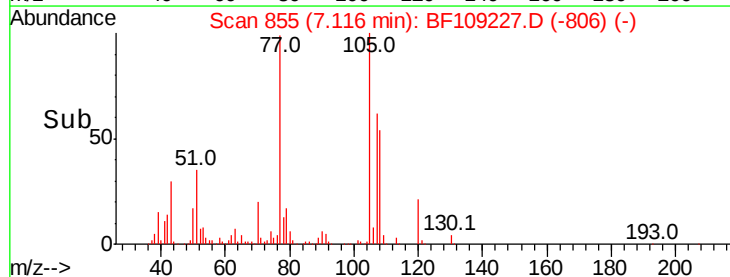
Abundance

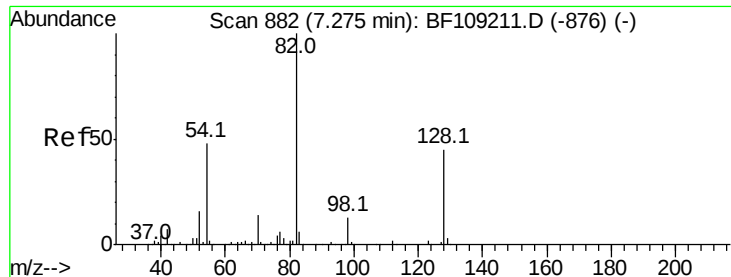
Ion 105.00 (104.70 to 105.70): E

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

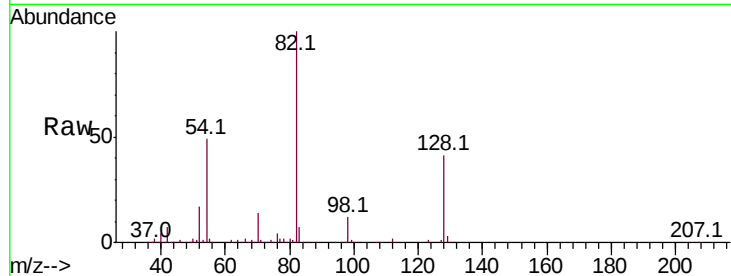




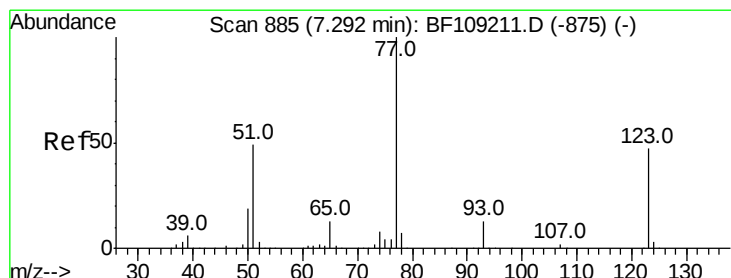
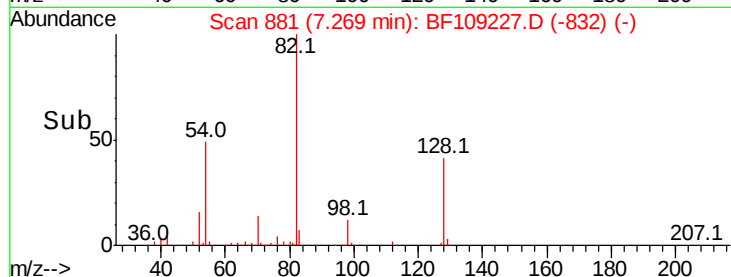
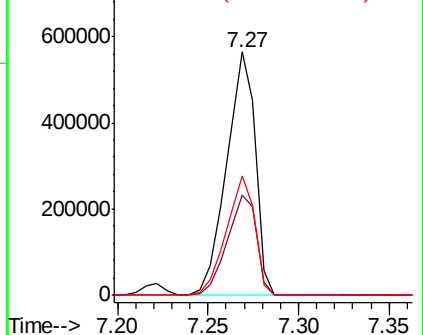
#23
Nitrobenzene-d5
Concen: 69.341 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109227.D
Acq: 22 Sep 2018 17:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 619576
Ion Ratio Lower Upper
82 100
128 41.1 36.1 54.1
54 49.0 41.4 62.2

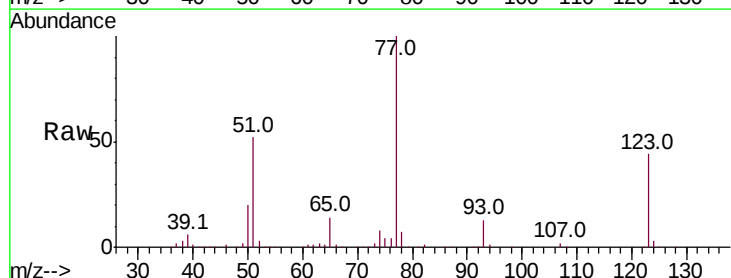


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

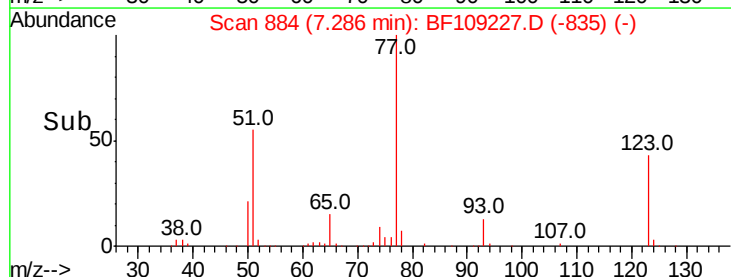
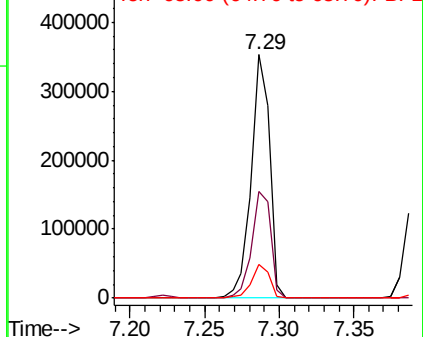


#24
Nitrobenzene
Concen: 31.696 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF109227.D
Acq: 22 Sep 2018 17:54

Tgt Ion: 77 Resp: 301129
Ion Ratio Lower Upper
77 100
123 43.6 37.9 56.9
65 13.6 11.0 16.4



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





#25

Isophorone

Concen: 34.444 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF109227.D

Acq: 22 Sep 2018 17:54

Instrument :

BNA_F

ClientSampleId :

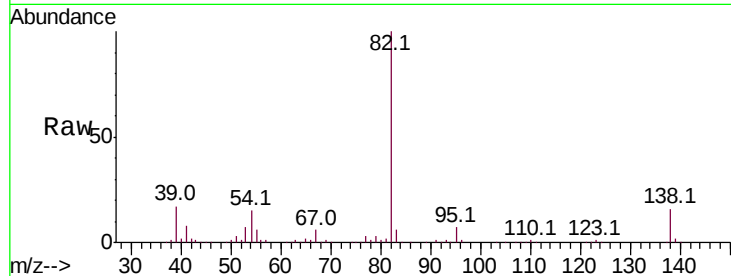
Tot Ion: 82 Resp: 554203

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

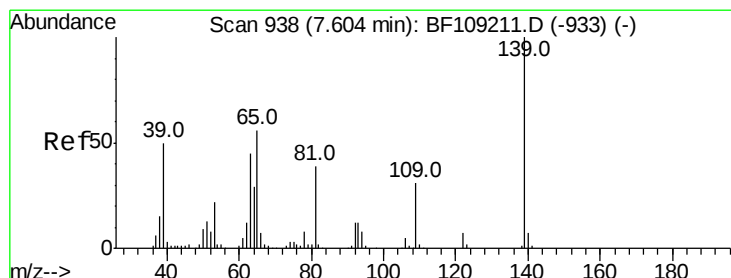
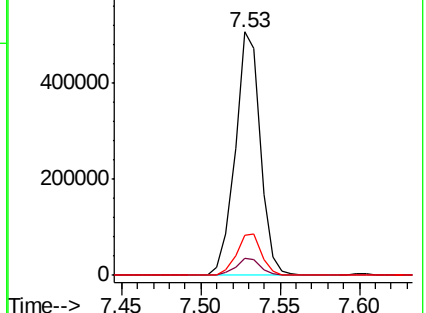
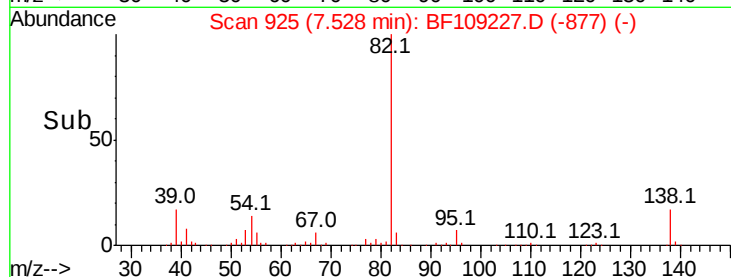
138 16.5 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 34.791 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF109227.D

Acq: 22 Sep 2018 17:54

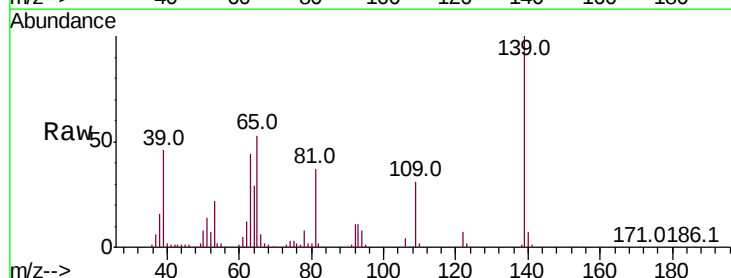
Tgt Ion: 139 Resp: 130715

Ion Ratio Lower Upper

139 100

109 31.0 22.7 34.1

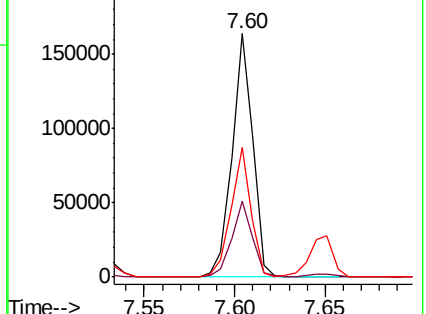
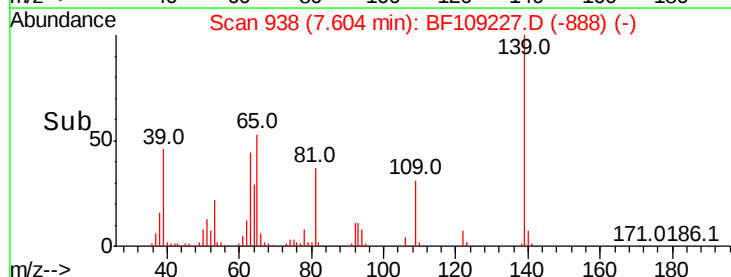
65 53.3 40.5 60.7

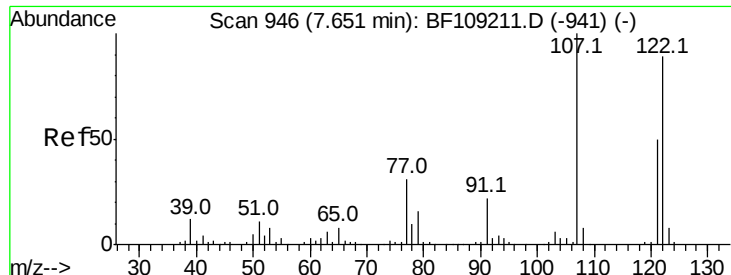


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

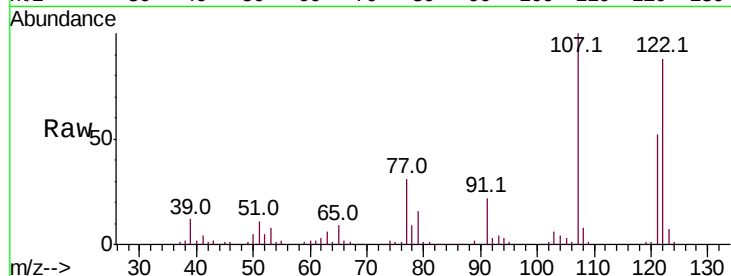




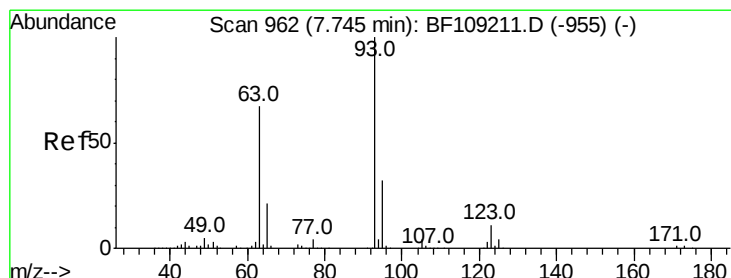
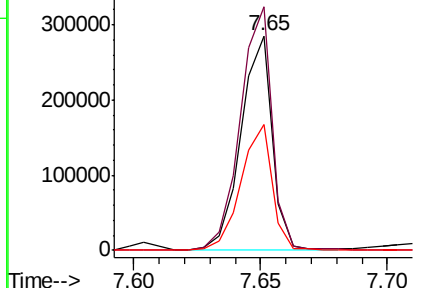
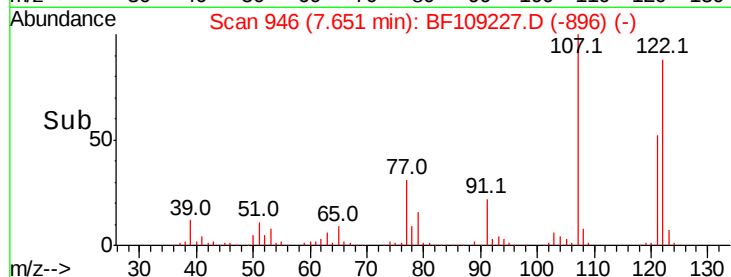
#27
 2,4-Dimethylphenol
 Concen: 35.167 ng
 RT: 7.65 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: BF109227.D
 Acq: 22 Sep 2018 17:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 246550
 Ion Ratio Lower Upper
 122 100
 107 113.7 91.2 136.8
 121 58.6 47.2 70.8

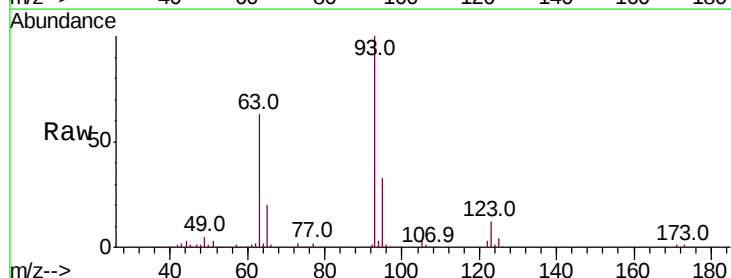


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

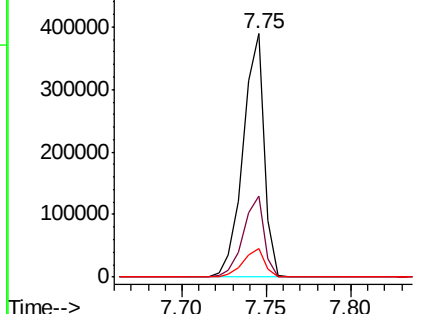
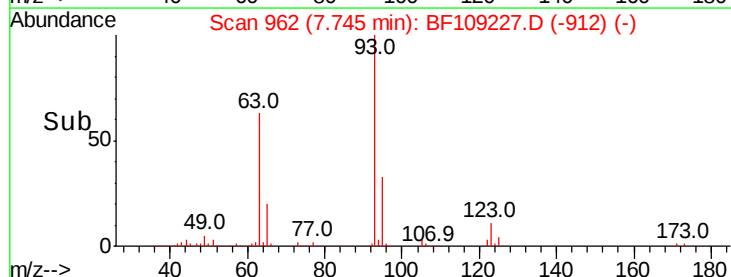


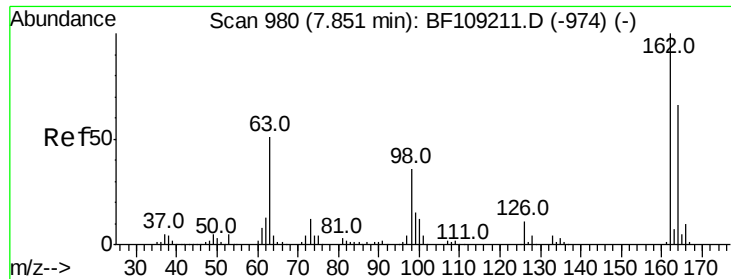
#28
 bis(2-Chloroethoxy)methane
 Concen: 31.906 ng
 RT: 7.75 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF109227.D
 Acq: 22 Sep 2018 17:54

Tgt Ion: 93 Resp: 339824
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.3 39.5
 123 11.6 9.8 14.6



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

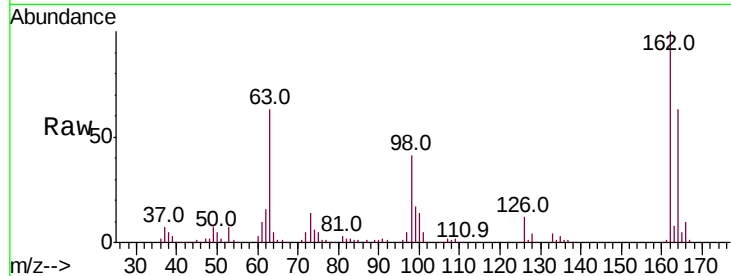




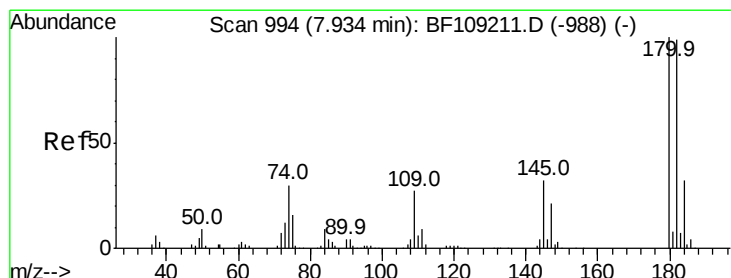
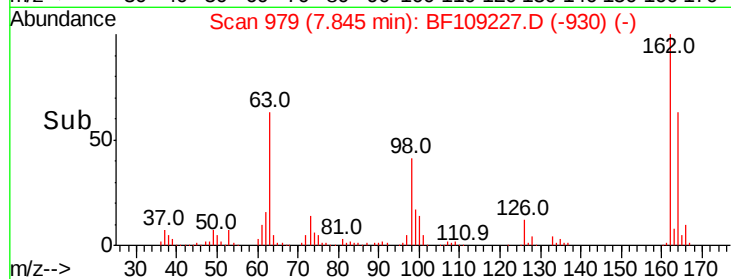
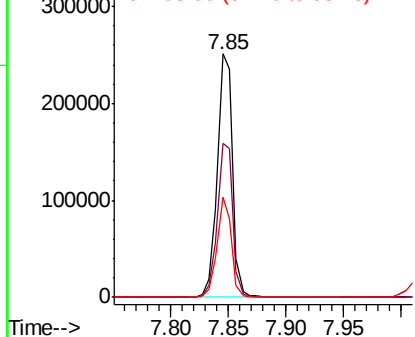
#29
 2,4-Dichlorophenol
 Concen: 31.337 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF109227.D
 Acq: 22 Sep 2018 17:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	42.7	82.7
98	41.4	18.1	58.1

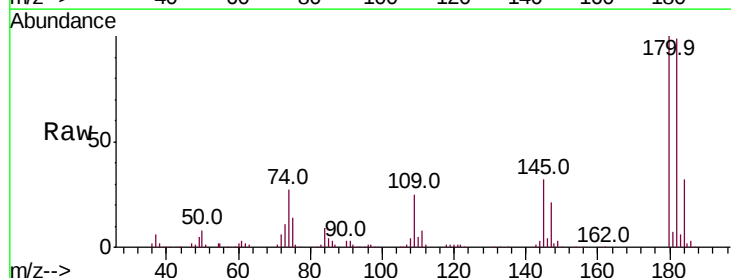


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

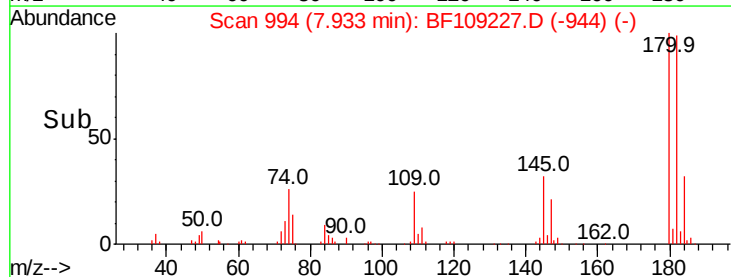
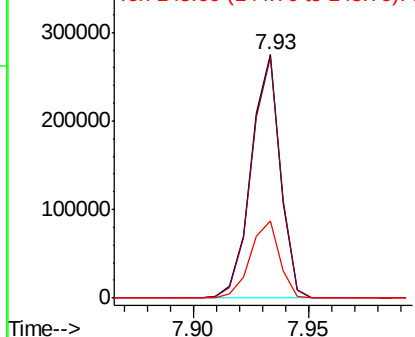


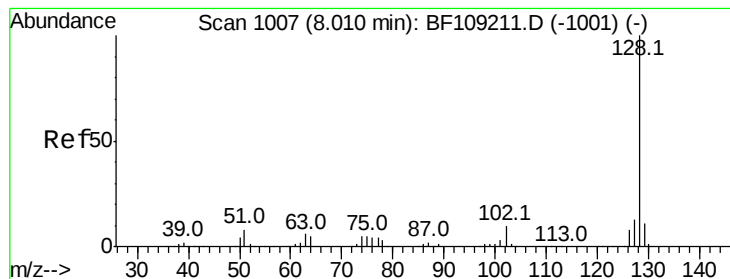
#30
 1,2,4-Trichlorobenzene
 Concen: 29.393 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF109227.D
 Acq: 22 Sep 2018 17:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.0	76.8	115.2
145	31.7	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: 31.867 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF109227.D

Acq: 22 Sep 2018 17:54

Instrument :

BNA_F

ClientSampleId :

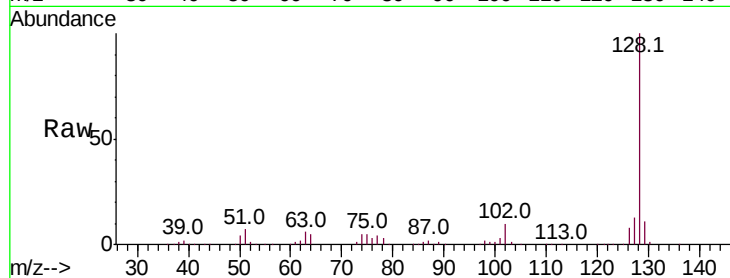
Tot Ion:128 Resp: 785448

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

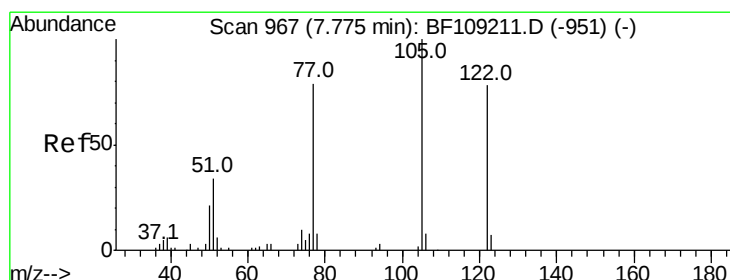
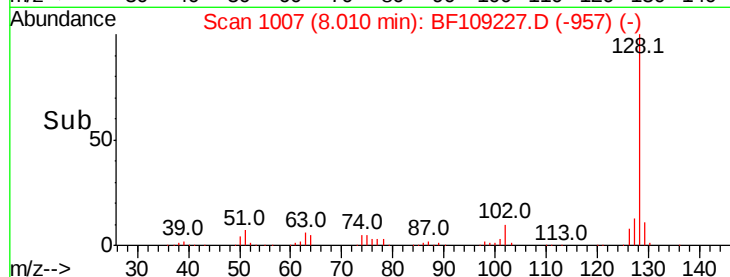
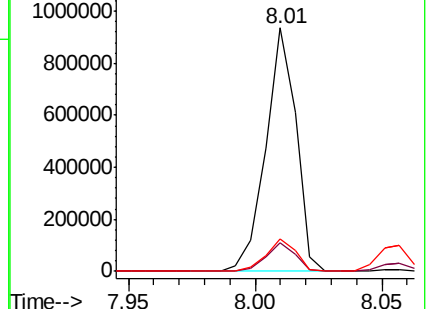
127 13.4 10.9 16.3



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: 15.338 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.08 min

Lab File: BF109227.D

Acq: 22 Sep 2018 17:54

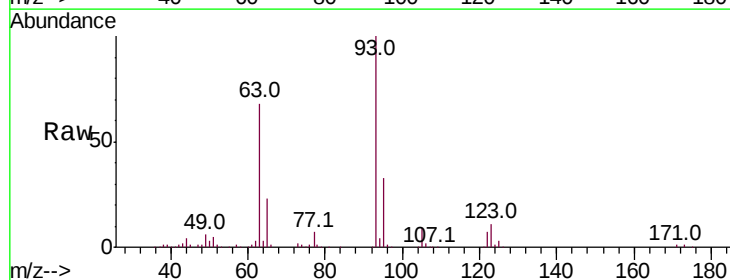
Tgt Ion:122 Resp: 47403

Ion Ratio Lower Upper

122 100

105 123.2 101.1 141.1

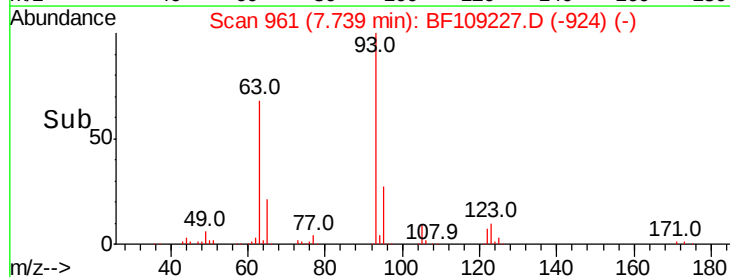
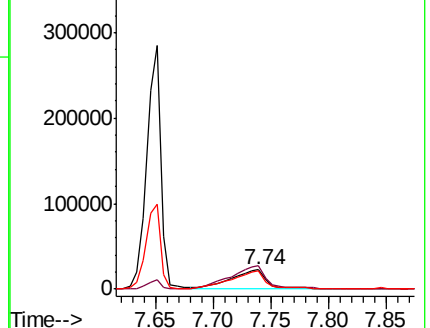
77 95.7 70.7 110.7

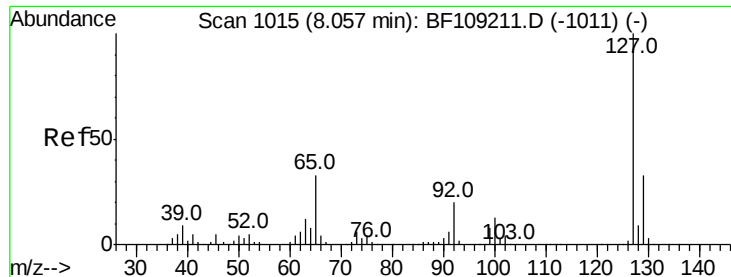


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

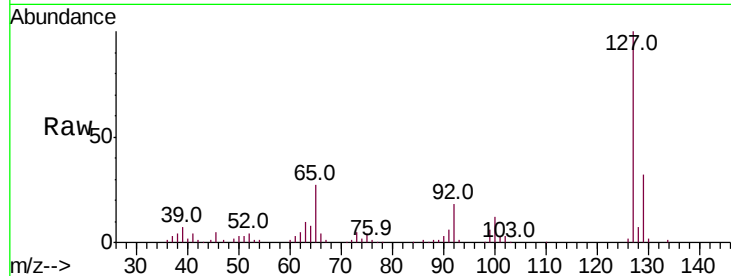




#33
4-Chloroaniline
Concen: 8.566 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF109227.D
Acq: 22 Sep 2018 17:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	92236	
Ion Ratio	Lower	Upper	
127 100			
129 32.4	25.9	38.9	
65 26.7	25.0	37.4	
92 17.7	15.2	22.8	



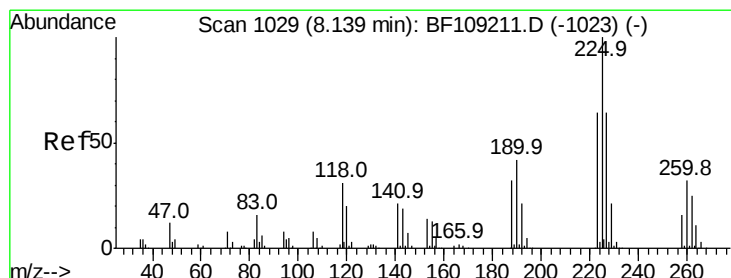
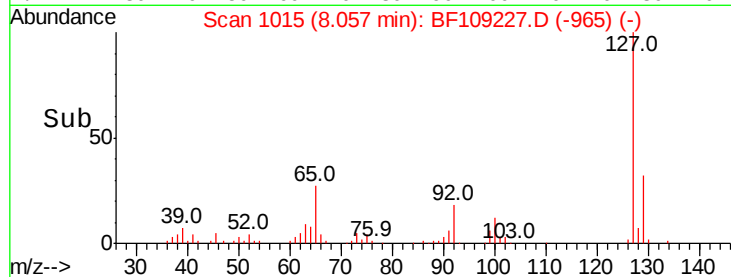
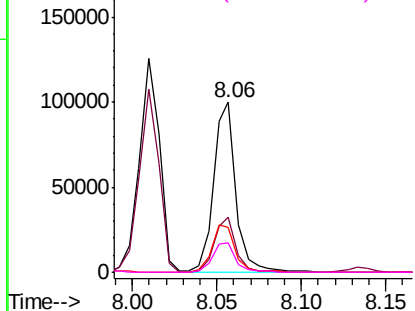
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

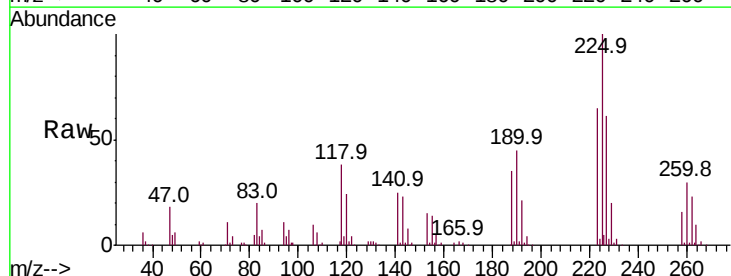
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 28.945 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF109227.D
Acq: 22 Sep 2018 17:54

Tgt Ion	225	Resp: Lower	143621 Upper
	Ratio		
225	100		
223	65.4	50.6	76.0
227	61.0	51.9	77.9

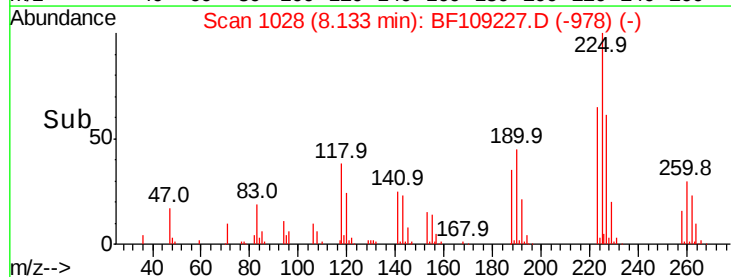
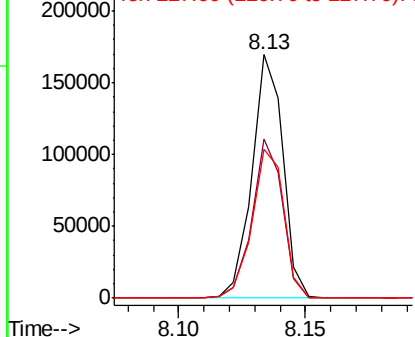


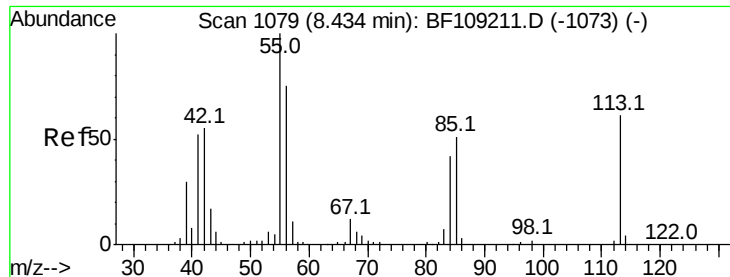
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

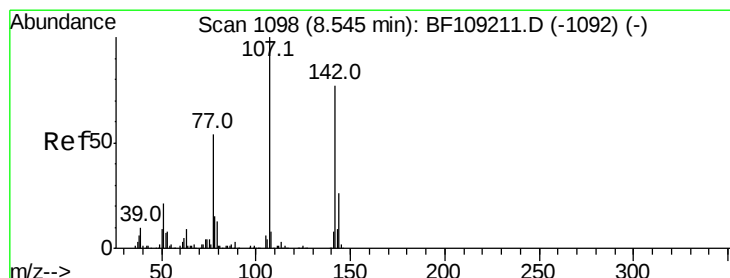
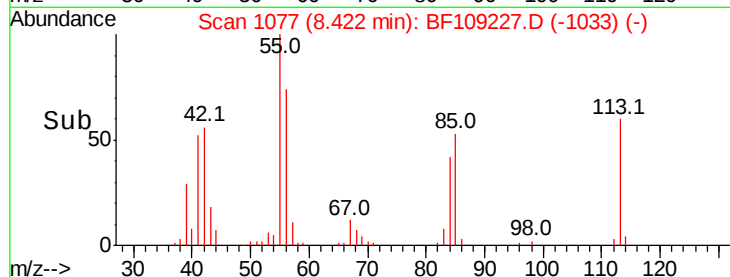
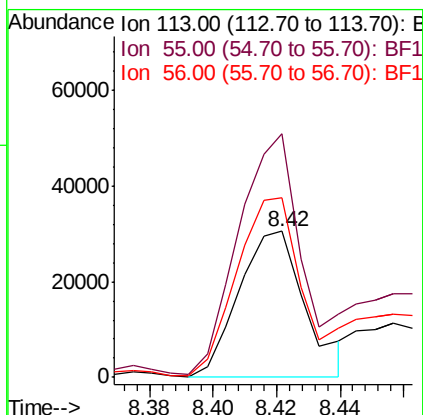
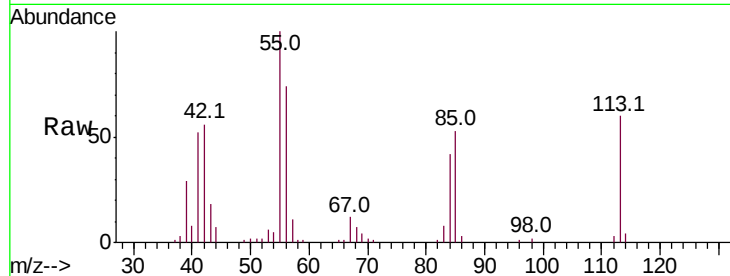




#35
 Caprolactam
 Concen: 18.893 ng
 RT: 8.42 min Scan# 1077
 Delta R.T. -0.04 min
 Lab File: BF109227.D
 Acq: 22 Sep 2018 17:54

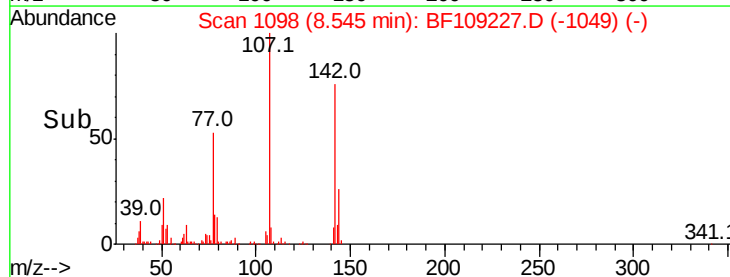
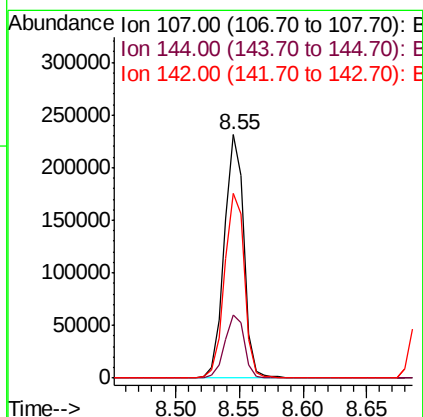
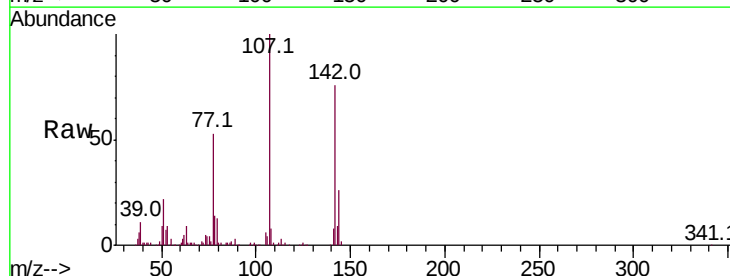
Instrument :
 BNA_F
 ClientSampled :

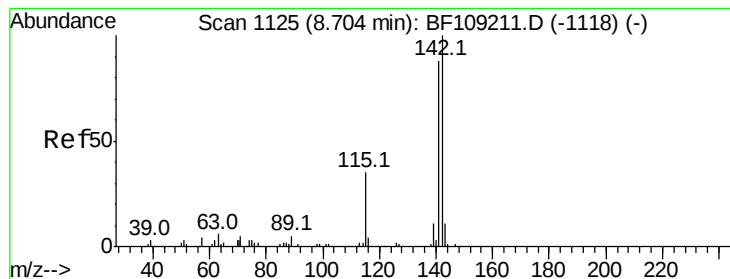
Tot Ion:113 Resp: 44430
 Ion Ratio Lower Upper
 113 100
 55 166.9 163.3 203.3
 56 122.8 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 31.940 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BF109227.D
 Acq: 22 Sep 2018 17:54

Tgt Ion:107 Resp: 247569
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.5 30.7
 142 75.8 62.0 93.0





#37

2-Methylnaphthalene

Concen: 33.202 ng

RT: 8.70 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BF109227.D

Acq: 22 Sep 2018 17:54

Instrument :

BNA_F

ClientSampleId :

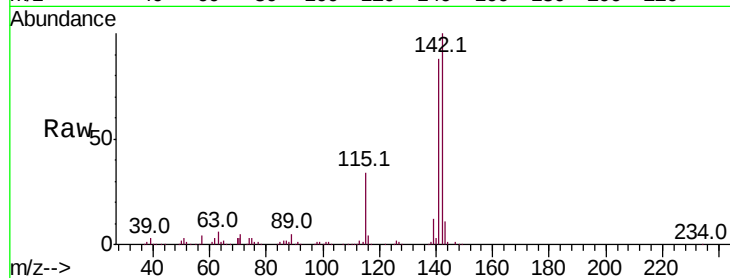
Tot Ion:142 Resp: 527553

Ion Ratio Lower Upper

142 100

141 88.0 70.8 106.2

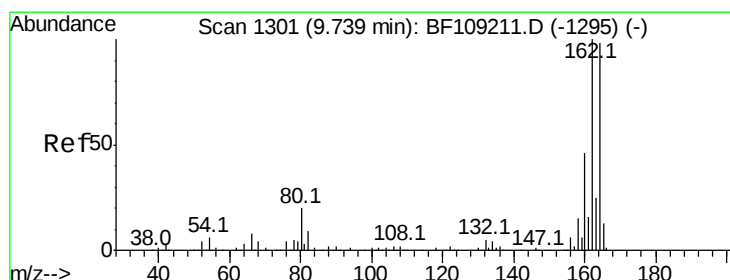
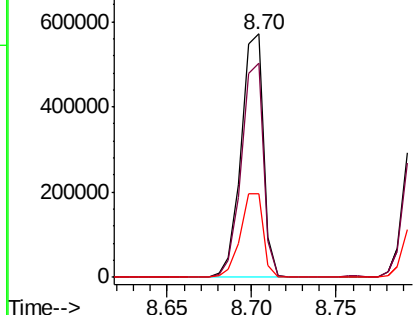
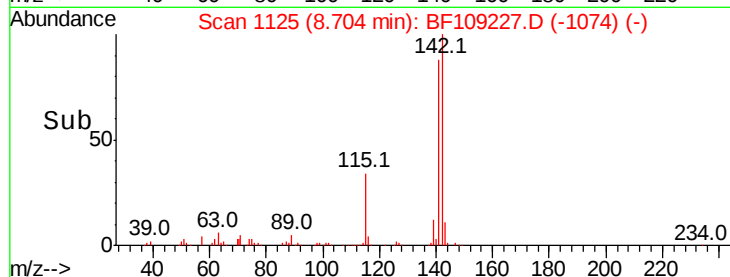
115 34.4 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BF109227.D

Acq: 22 Sep 2018 17:54

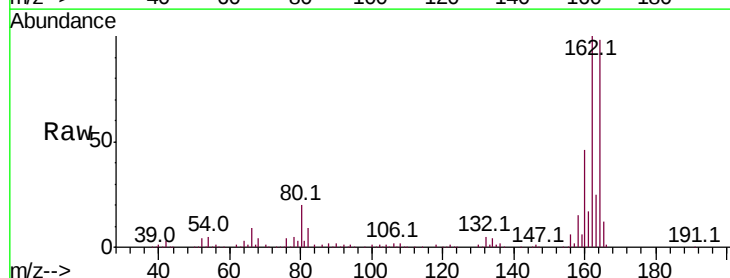
Tgt Ion:164 Resp: 246998

Ion Ratio Lower Upper

164 100

162 101.7 86.1 129.1

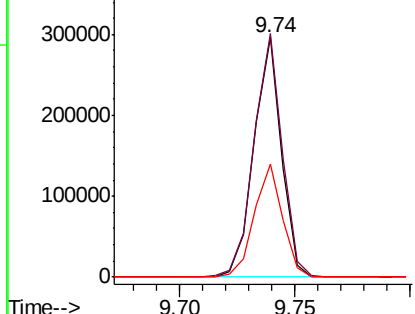
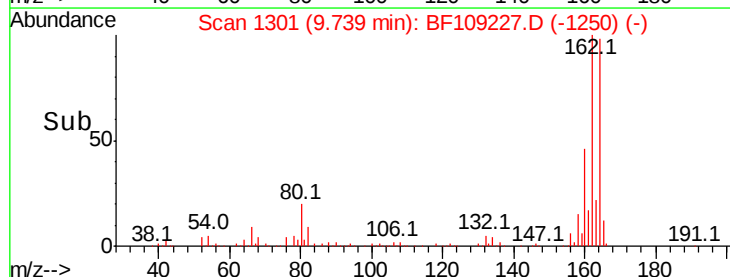
160 47.0 38.3 57.5

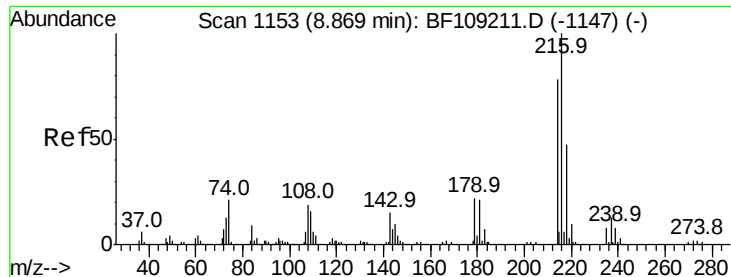


Abundance Ion 164.00 (163.70 to 164.70): E

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: 28.994 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF109227.D

Acq: 22 Sep 2018 17:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 227916

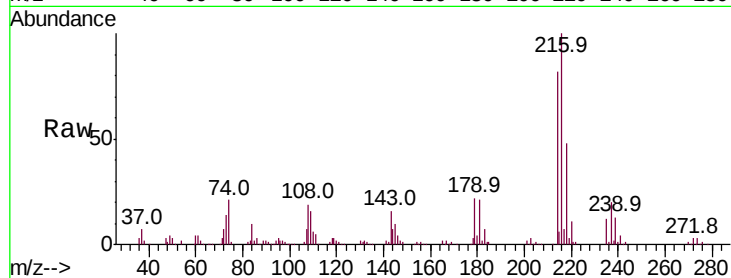
Ion Ratio Lower Upper

216 100

214 80.3 63.0 94.4

179 21.2 18.1 27.1

108 21.1 17.2 25.8

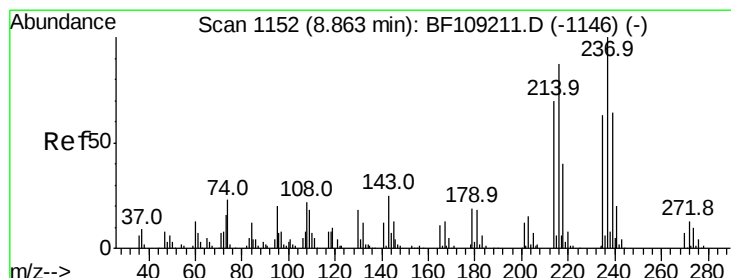
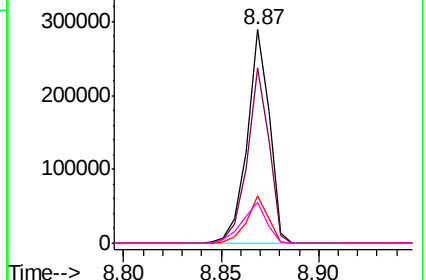
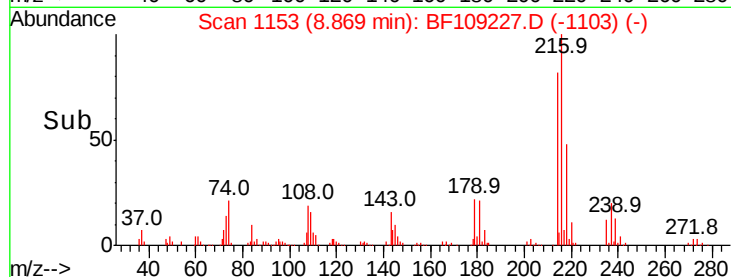


Abundance Ion 216.00 (215.70 to 216.70): E

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: 55.854 ng

RT: 8.86 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BF109227.D

Acq: 22 Sep 2018 17:54

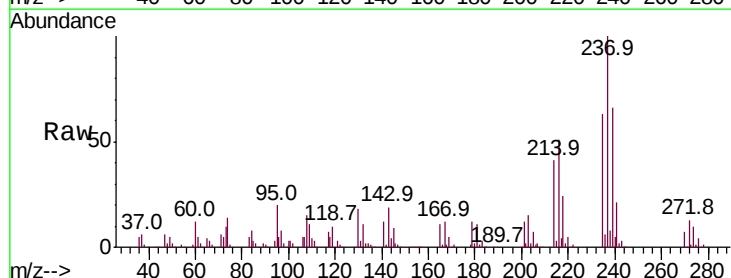
Tgt Ion:237 Resp: 191502

Ion Ratio Lower Upper

237 100

235 62.8 44.8 84.8

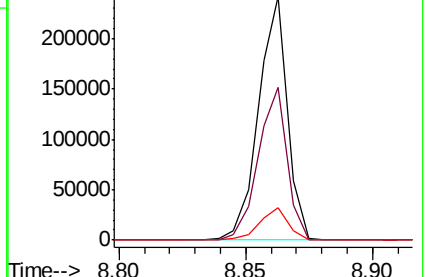
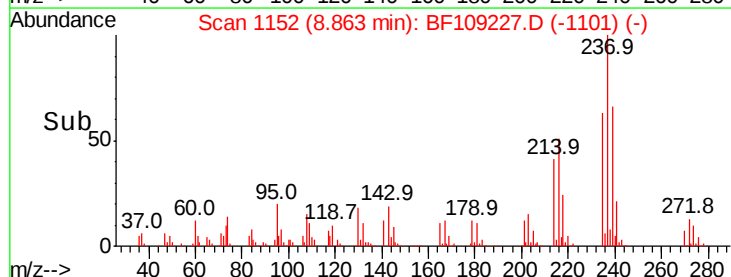
272 13.2 0.0 33.3

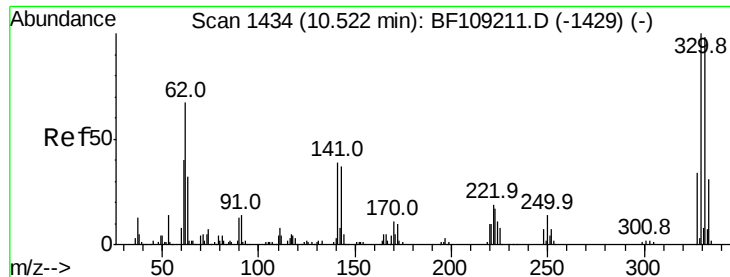


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

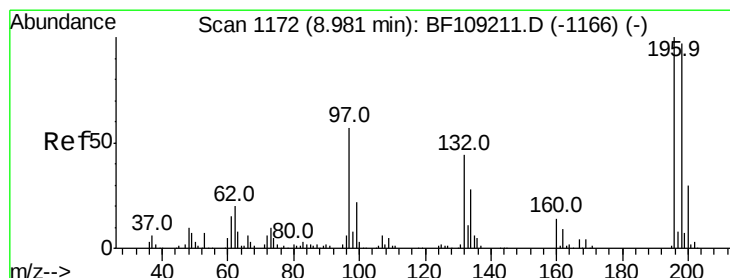
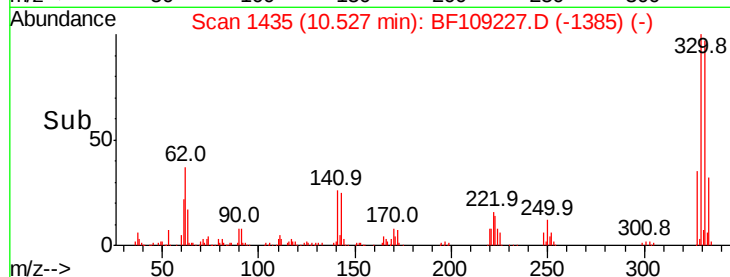
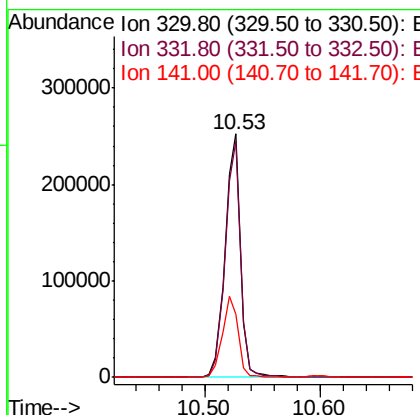
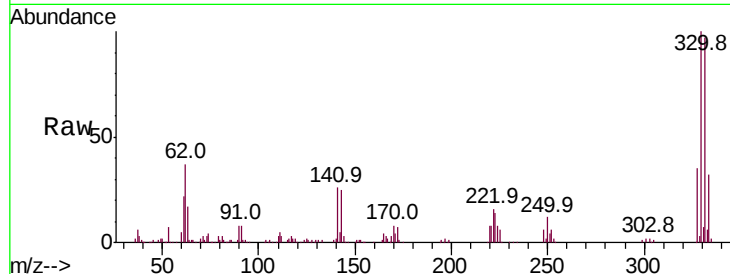




#41
 2,4,6-Tribromophenol
 Concen: 95.784 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109227.D
 Acq: 22 Sep 2018 17:54

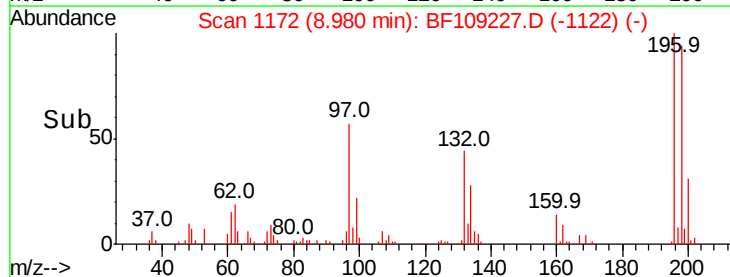
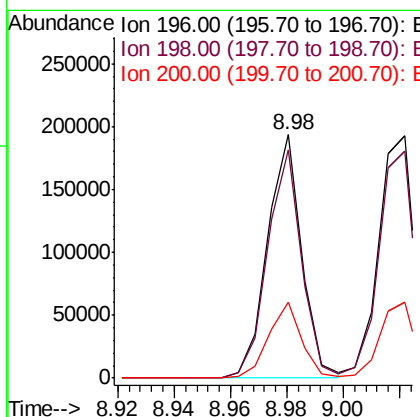
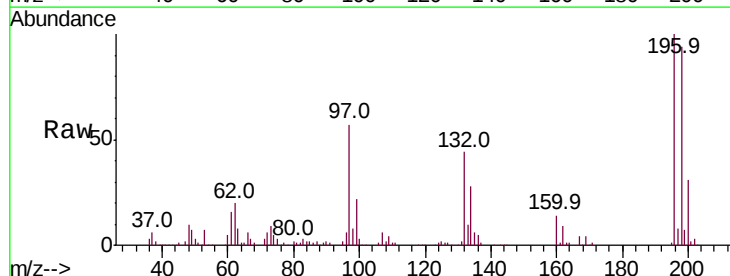
Instrument :
 BNA_F
 ClientSampleId :

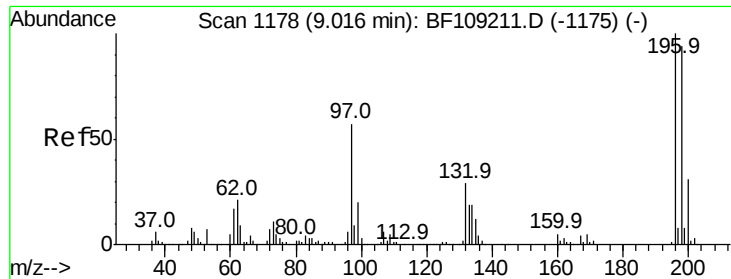
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	34.5	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 32.111 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF109227.D
 Acq: 22 Sep 2018 17:54

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.8	75.7	113.5
200	31.0	24.5	36.7

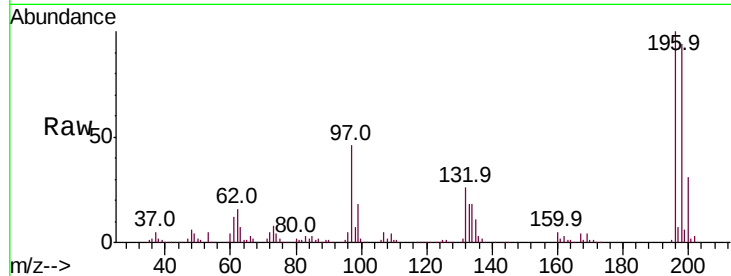




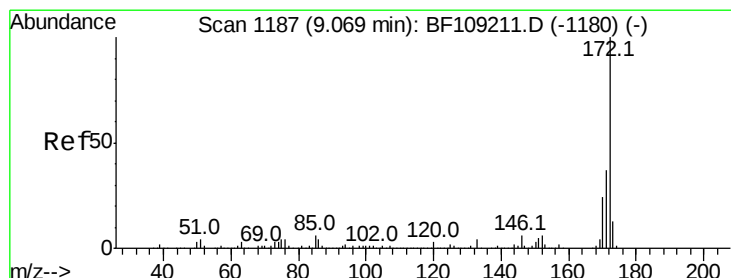
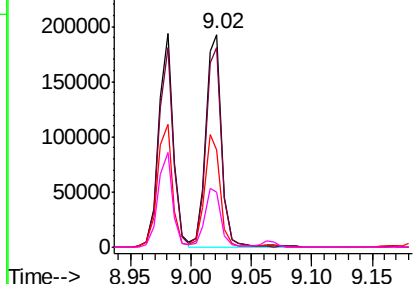
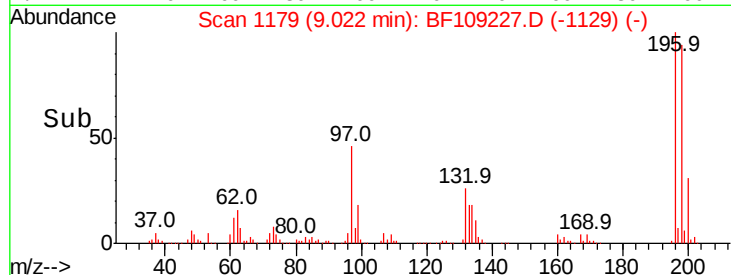
#43
 2,4,5-Trichlorophenol
 Concen: 32.905 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF109227.D
 Acq: 22 Sep 2018 17:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196	Resp:	175330	
Ion	Ratio	Lower	Upper
196	100		
198	93.8	74.6	112.0
97	45.7	42.9	64.3
132	25.7	26.3	39.5#

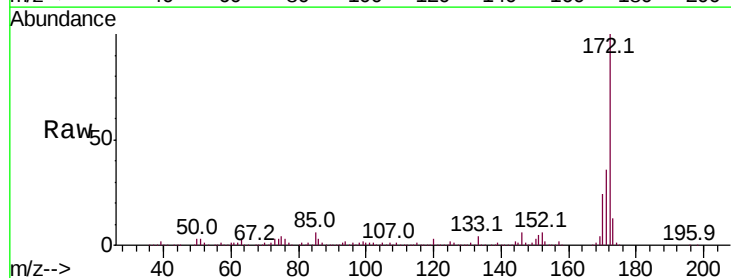


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

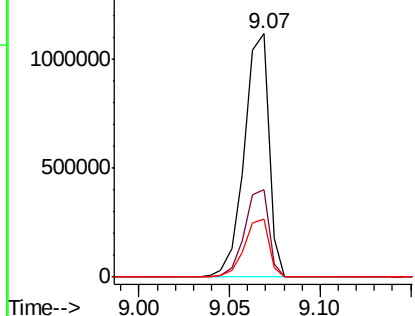
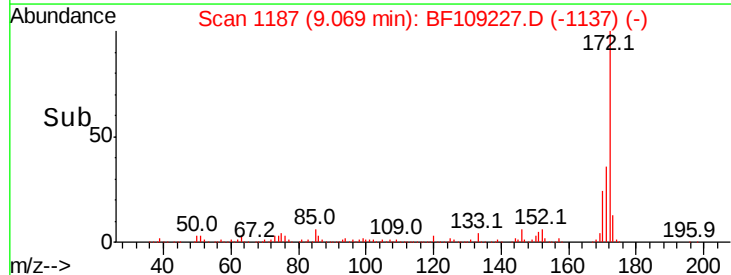


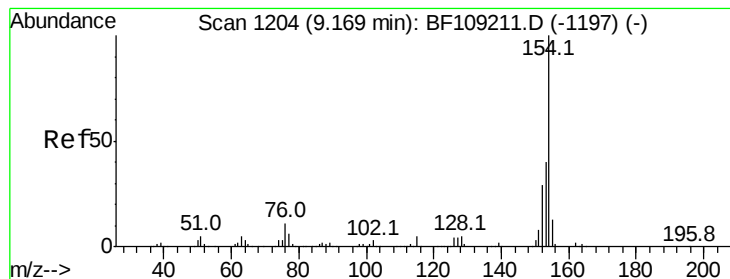
#44
 2-Fluorobiphenyl
 Concen: 64.032 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109227.D
 Acq: 22 Sep 2018 17:54

Tgt	Ion:172	Resp:	1048661
Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.9	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: 31.171 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF109227.D

Acq: 22 Sep 2018 17:54

Instrument :

BNA_F

ClientSampleId :

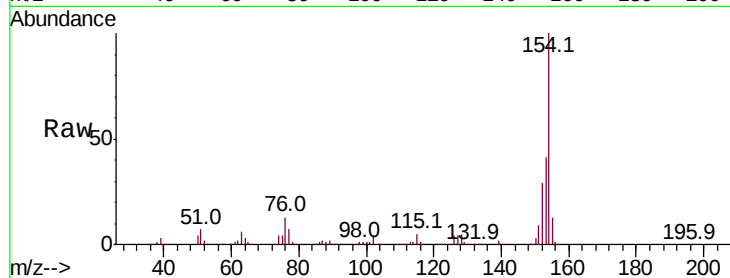
Tot Ion:154 Resp: 627292

Ion Ratio Lower Upper

154 100

153 40.6 21.3 61.3

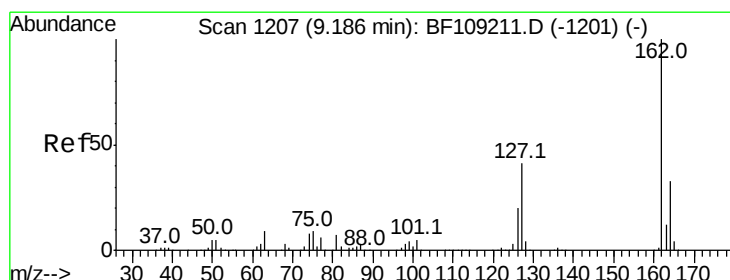
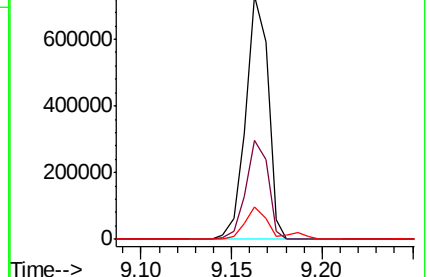
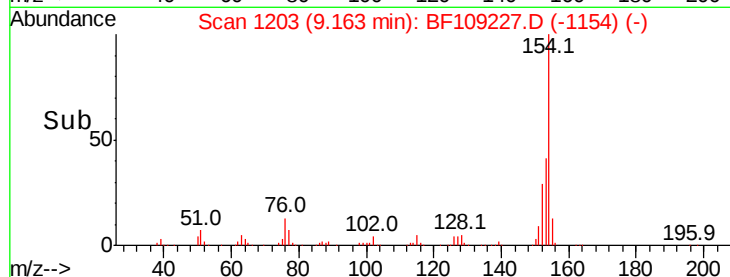
76 13.5 0.0 34.0



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: 29.421 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF109227.D

Acq: 22 Sep 2018 17:54

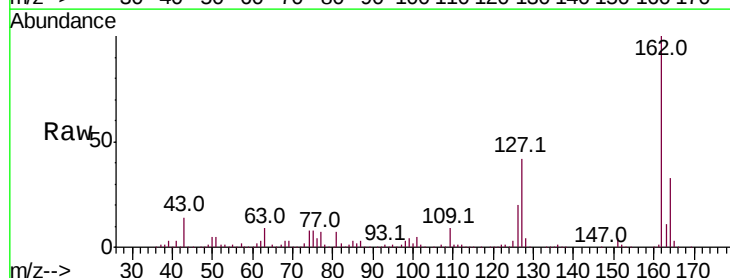
Tgt Ion:162 Resp: 473007

Ion Ratio Lower Upper

162 100

127 41.5 33.9 50.9

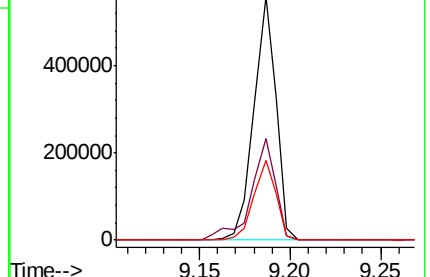
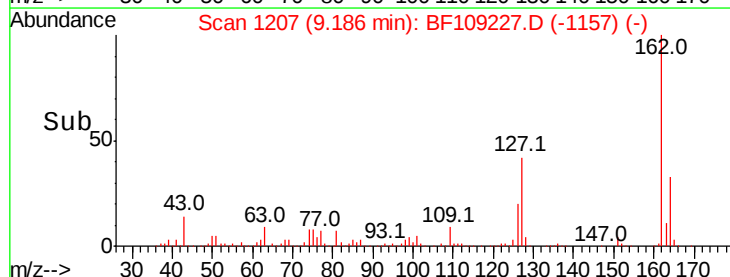
164 32.8 26.5 39.7

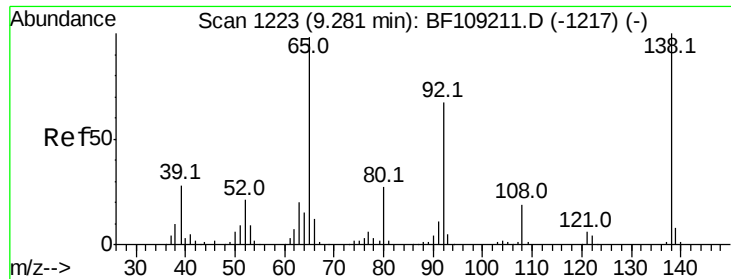


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

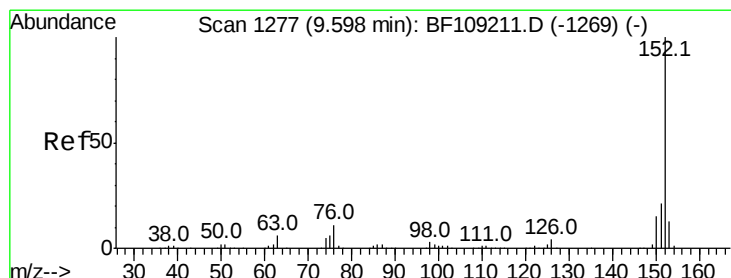
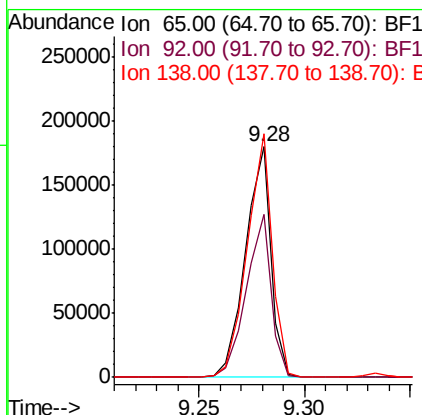
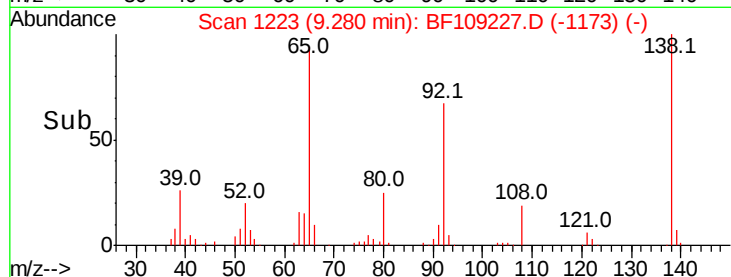
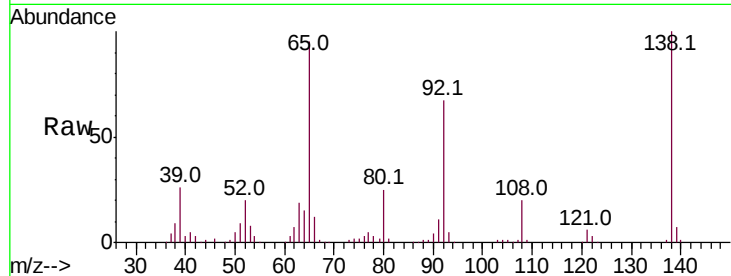




#47
 2-Nitroaniline
 Concen: 33.009 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF109227.D
 Acq: 22 Sep 2018 17:54

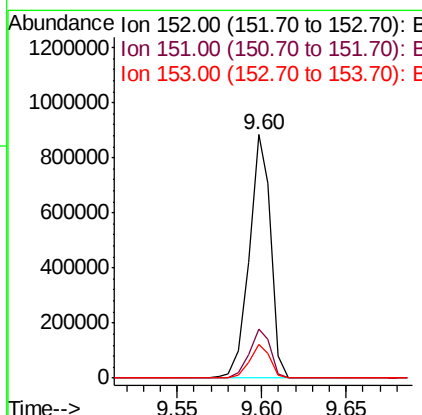
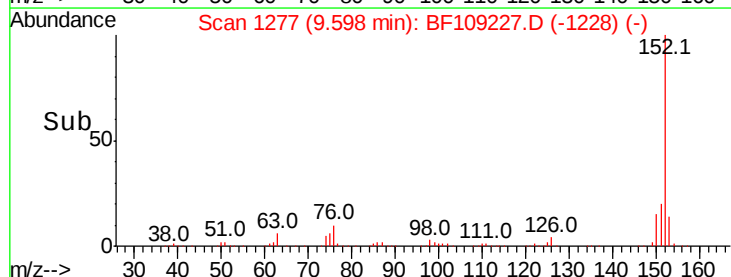
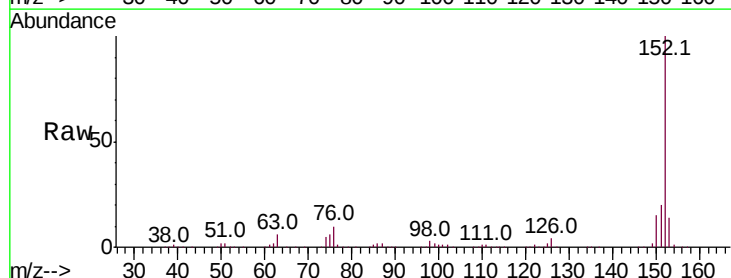
Instrument :
 BNA_F
 ClientSampled :

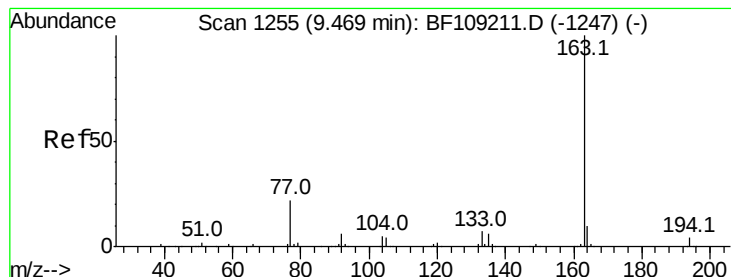
Tot Ion	Ratio	Lower	Upper
65	100		
92	70.9	55.8	83.6
138	105.8	91.2	136.8



#48
 Acenaphthylene
 Concen: 32.250 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BF109227.D
 Acq: 22 Sep 2018 17:54

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.7	10.7	16.1





#49

Dimethylphthalate

Concen: 52.662 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF109227.D

Acq: 22 Sep 2018 17:54

Instrument :

BNA_F

ClientSampled :

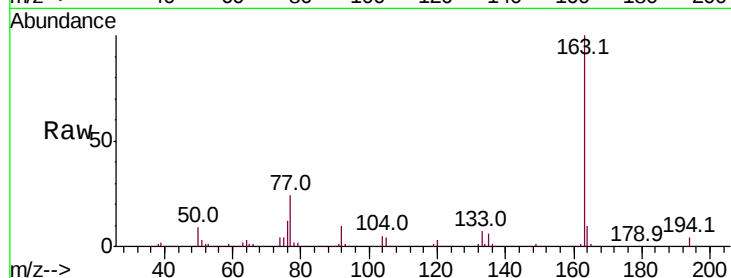
Tot Ion:163 Resp: 946081

Ion Ratio Lower Upper

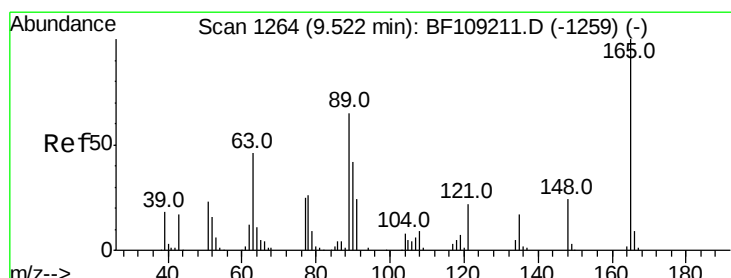
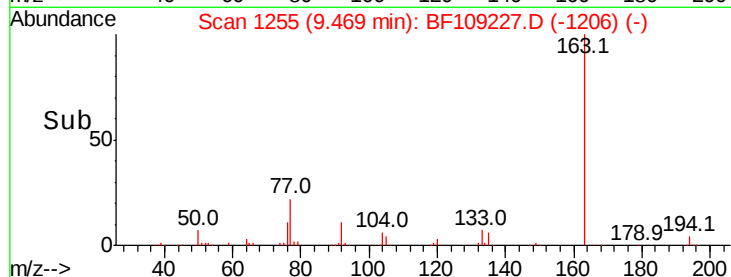
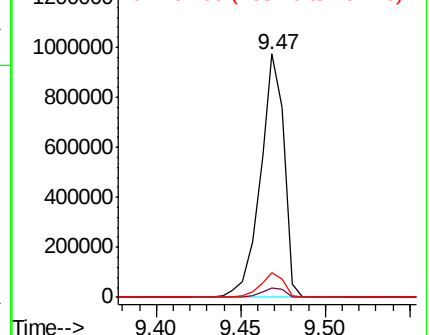
163 100

194 3.8 2.7 4.1

164 10.3 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: 34.391 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF109227.D

Acq: 22 Sep 2018 17:54

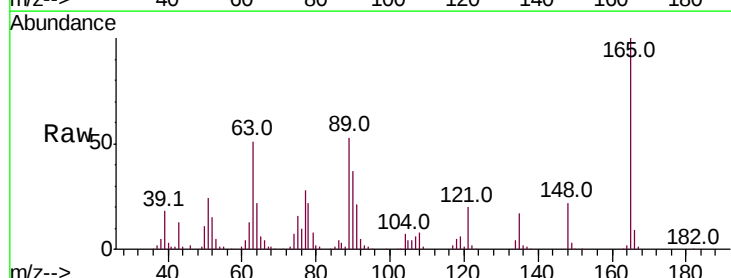
Tgt Ion:165 Resp: 122365

Ion Ratio Lower Upper

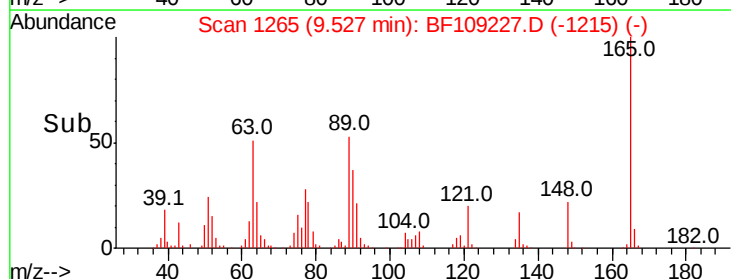
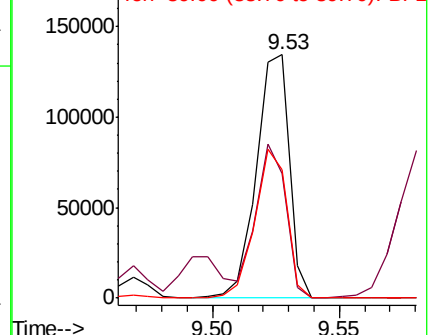
165 100

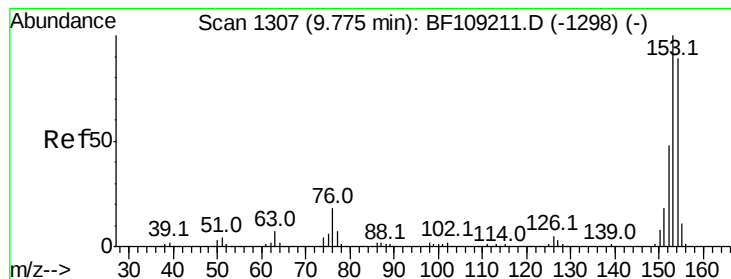
63 51.0 44.7 67.1

89 52.6 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: 33.259 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF109227.D

Acq: 22 Sep 2018 17:54

Instrument :

BNA_F

ClientSampleId :

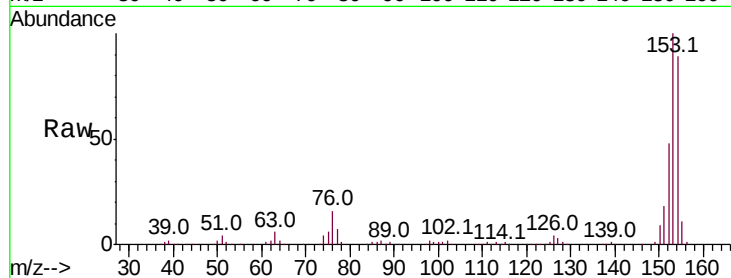
Tot Ion:154 Resp: 487697

Ion Ratio Lower Upper

154 100

153 112.4 91.2 136.8

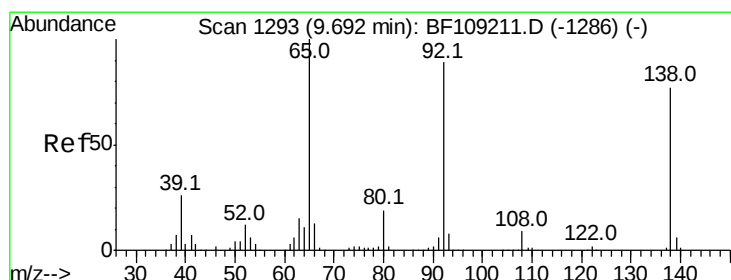
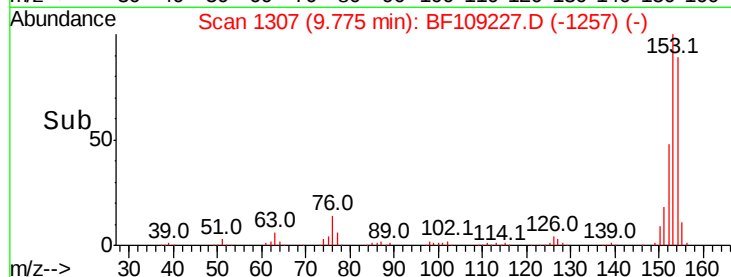
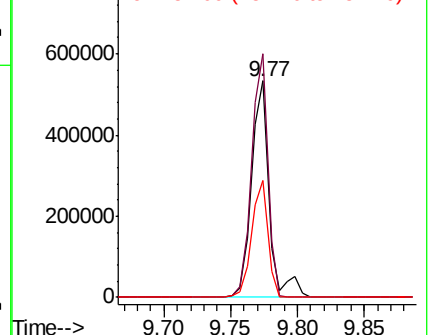
152 53.9 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.795 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.02 min

Lab File: BF109227.D

Acq: 22 Sep 2018 17:54

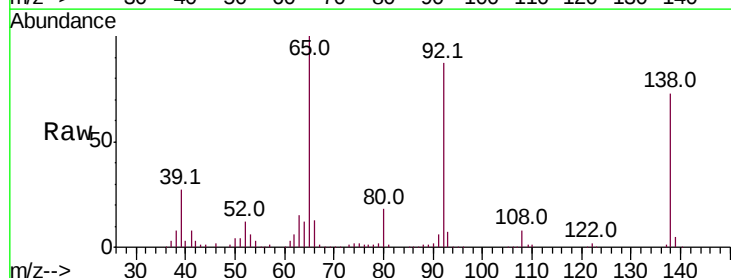
Tgt Ion:138 Resp: 89804

Ion Ratio Lower Upper

138 100

108 11.5 9.4 14.0

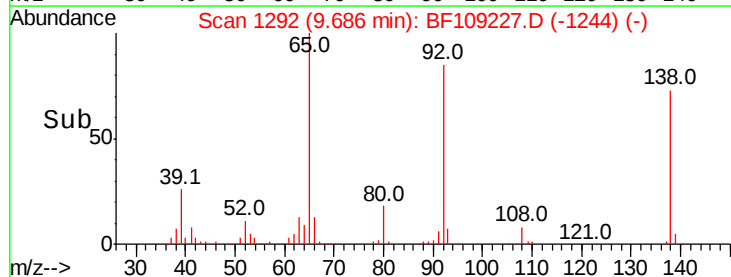
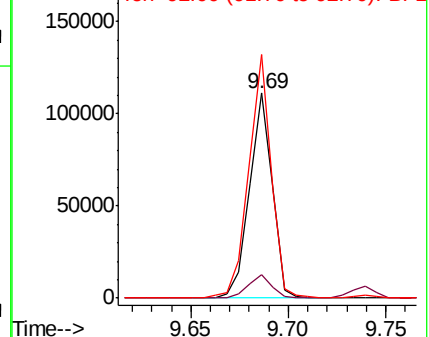
92 119.0 89.4 134.2

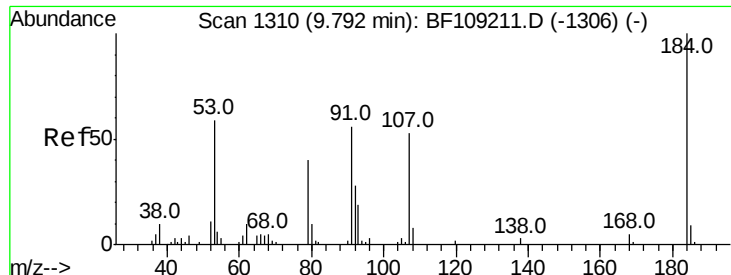


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

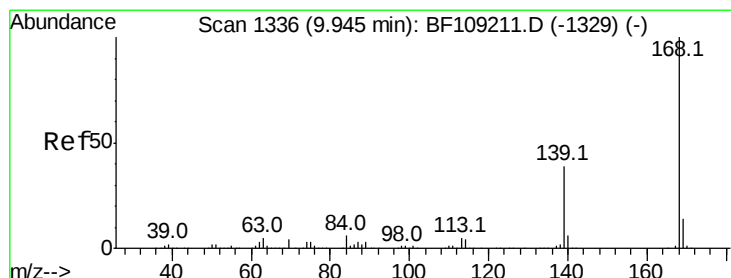
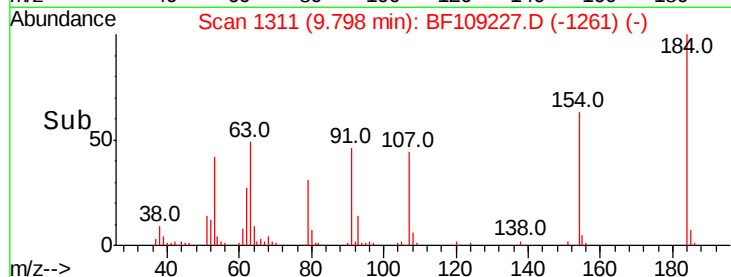
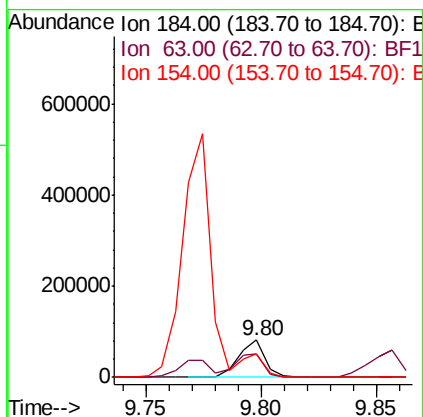
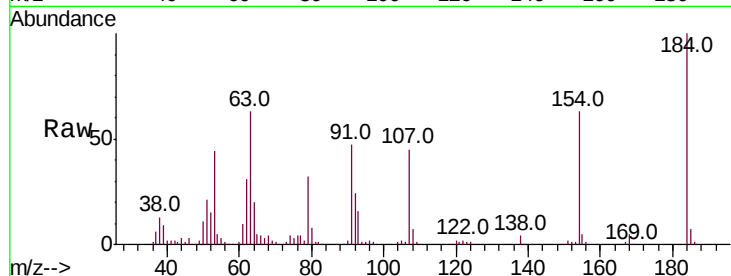




#53
2,4-Dinitrophenol
Concen: 55.155 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF109227.D
Acq: 22 Sep 2018 17:54

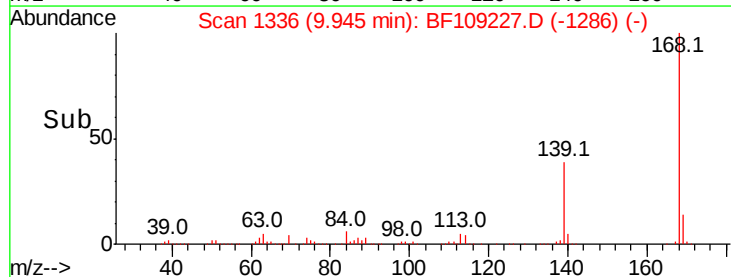
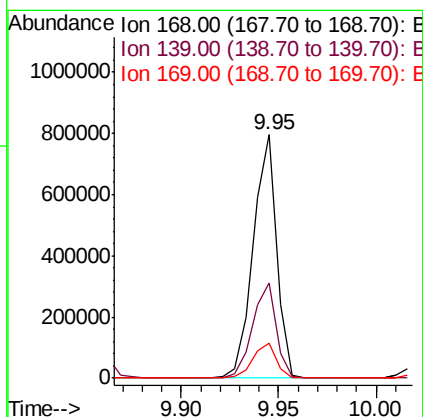
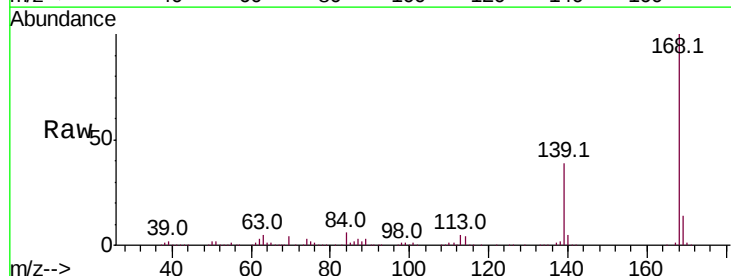
Instrument :
BNA_F
ClientSampleId :

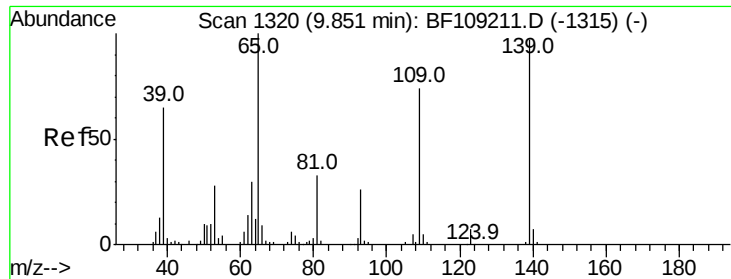
Tot Ion:184 Resp: 65861
Ion Ratio Lower Upper
184 100
63 62.6 54.2 81.2
154 63.5 184.0 276.0#



#54
Dibenzofuran
Concen: 30.311 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF109227.D
Acq: 22 Sep 2018 17:54

Tgt Ion:168 Resp: 660999
Ion Ratio Lower Upper
168 100
139 39.1 30.1 45.1
169 14.2 10.9 16.3

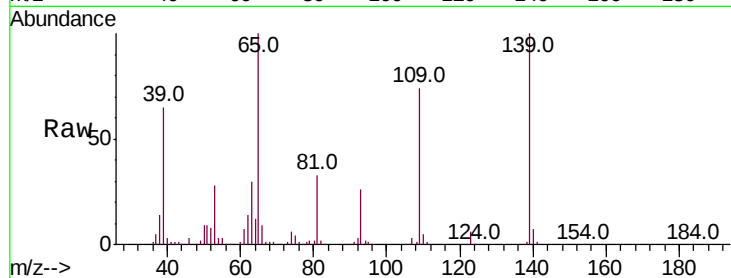




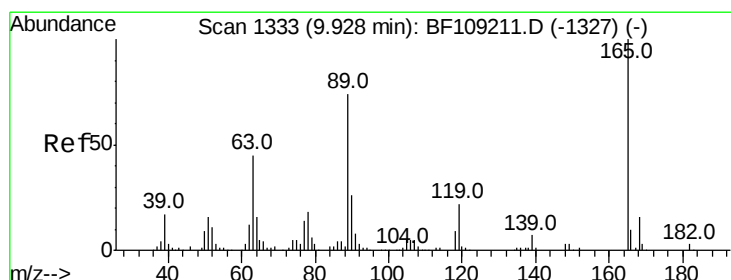
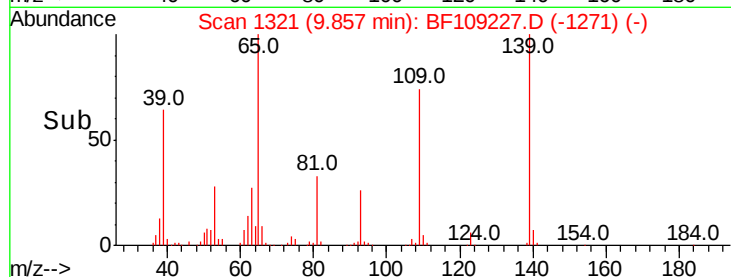
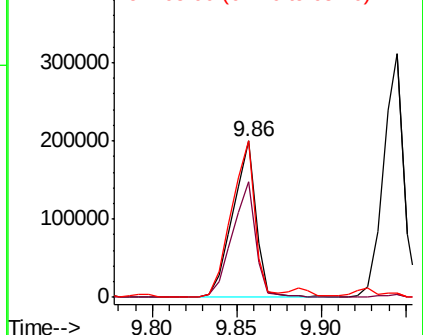
#55
4-Nitrophenol
Concen: 61.831 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF109227.D
Acq: 22 Sep 2018 17:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 191922
Ion Ratio Lower Upper
139 100
109 73.9 48.4 88.4
65 100.3 72.6 112.6

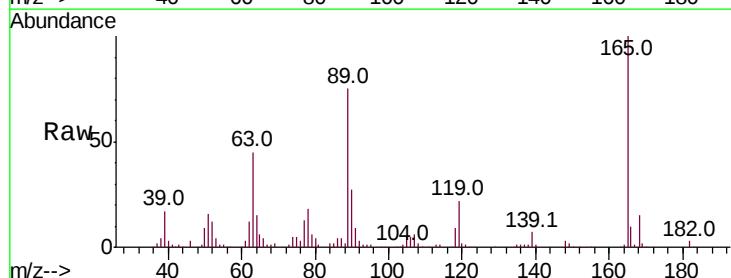


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

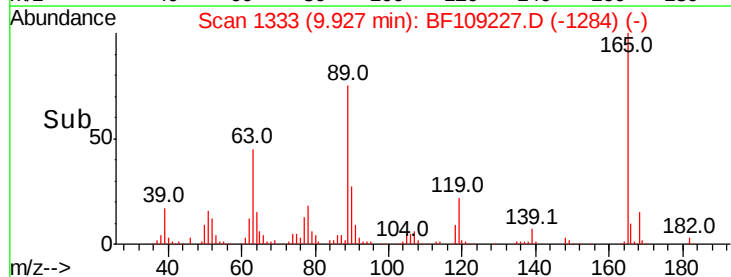
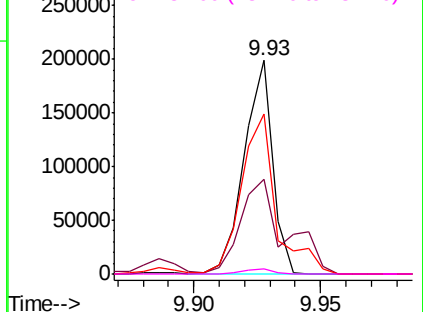


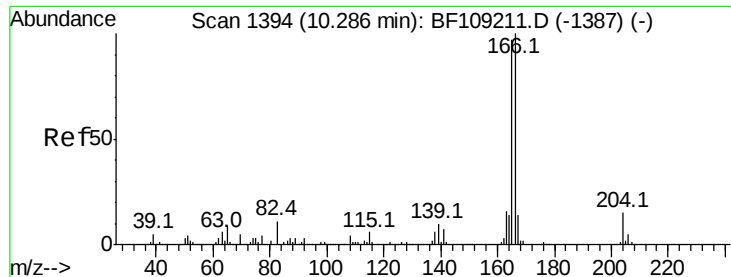
#56
2,4-Dinitrotoluene
Concen: 34.518 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF109227.D
Acq: 22 Sep 2018 17:54

Tgt Ion:165 Resp: 155398
Ion Ratio Lower Upper
165 100
63 44.6 36.4 54.6
89 74.8 57.8 86.6
182 2.7 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

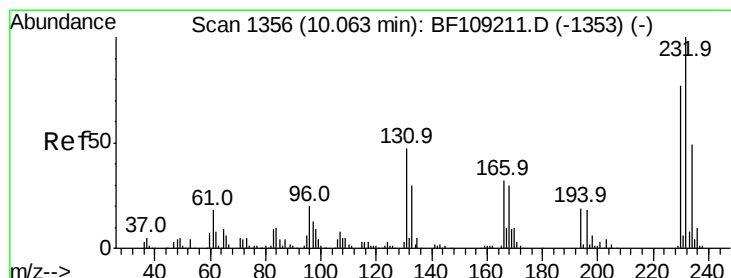
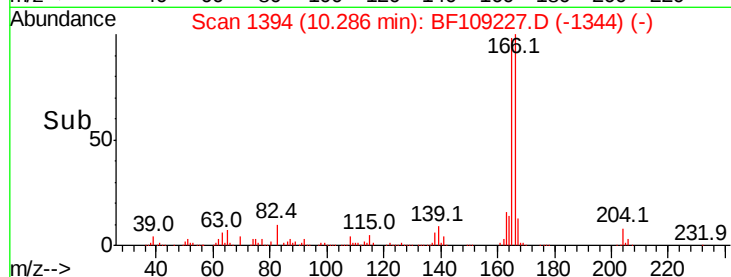
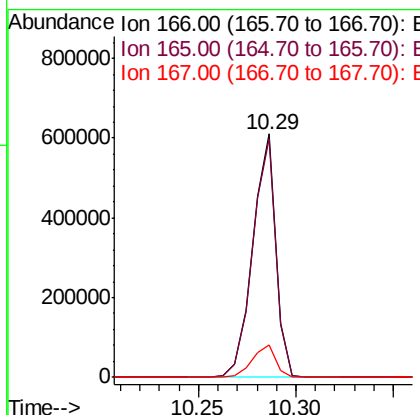
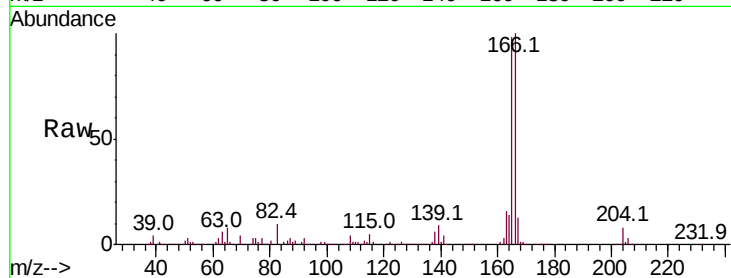




#57
 Fluorene
 Concen: 32.089 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109227.D
 Acq: 22 Sep 2018 17:54

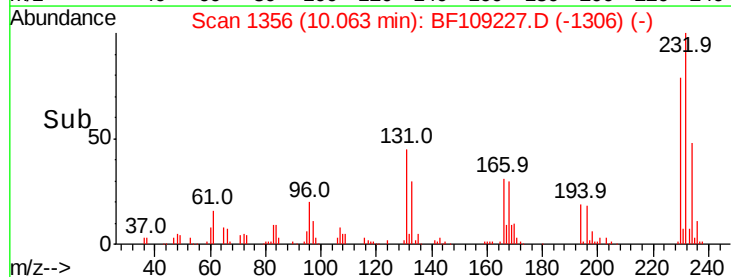
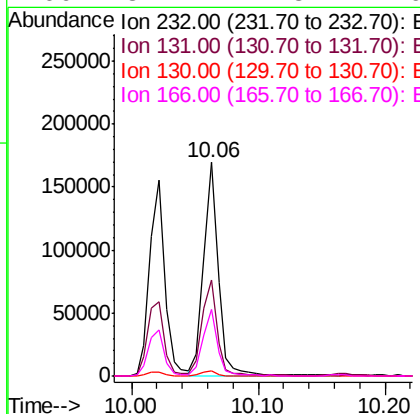
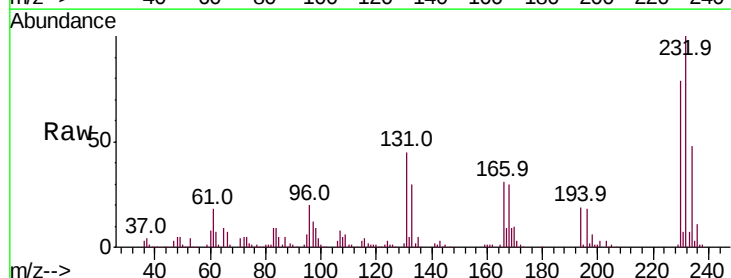
Instrument :
 BNA_F
 ClientSampleId :

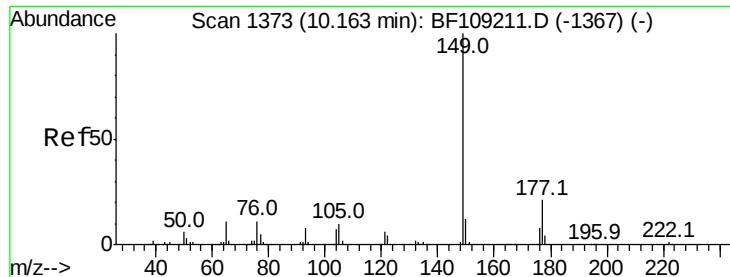
Tot Ion:166 Resp: 499289
 Ion Ratio Lower Upper
 166 100
 165 97.8 79.8 119.8
 167 13.1 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 32.584 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BF109227.D
 Acq: 22 Sep 2018 17:54

Tgt Ion:232 Resp: 137467
 Ion Ratio Lower Upper
 232 100
 131 46.9 43.8 65.8
 130 2.3 2.1 3.1
 166 31.1 27.8 41.6

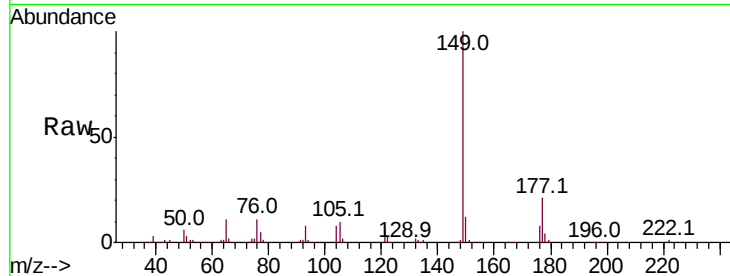




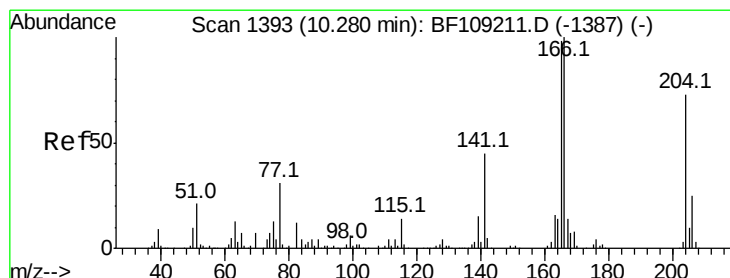
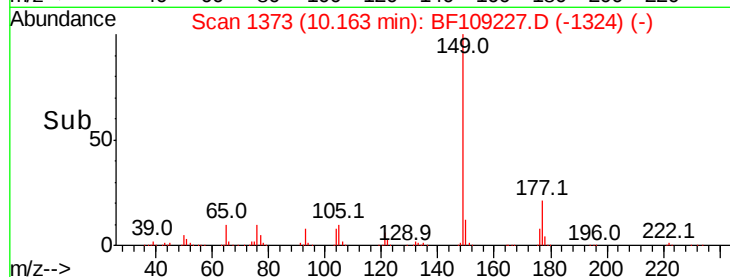
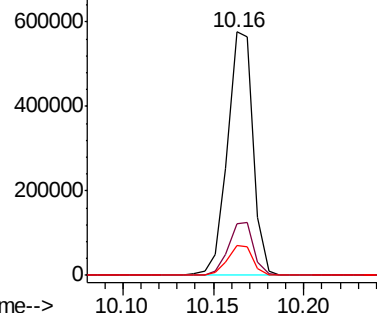
#59
Diethylphthalate
Concen: 31.192 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF109227.D
Acq: 22 Sep 2018 17:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.1	24.1
150	12.4	10.1	15.1

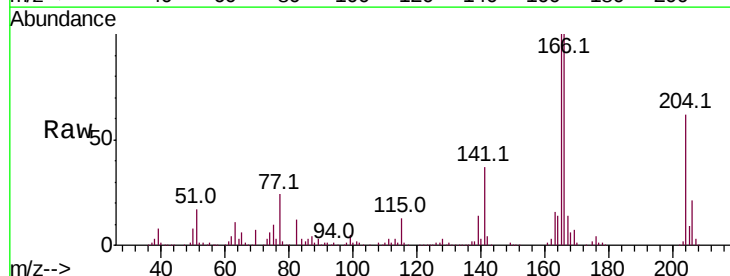


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

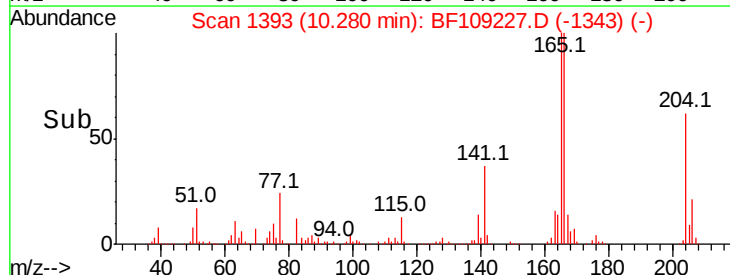
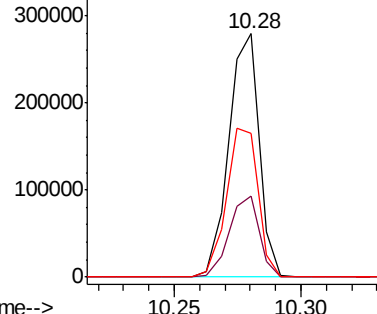


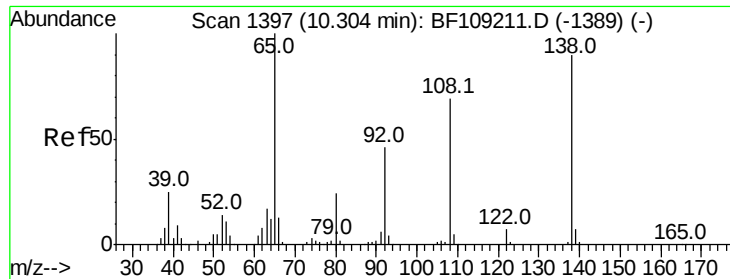
#60
4-Chlorophenyl-phenylether
Concen: 28.903 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF109227.D
Acq: 22 Sep 2018 17:54

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.5	39.7
141	59.1	54.6	81.8



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





#61

4-Nitroaniline

Concen: 32.445 ng

RT: 10.30 min Scan# 1396

Delta R.T. -0.02 min

Lab File: BF109227.D

Acq: 22 Sep 2018 17:54

Instrument :

BNA_F

ClientSampleId :

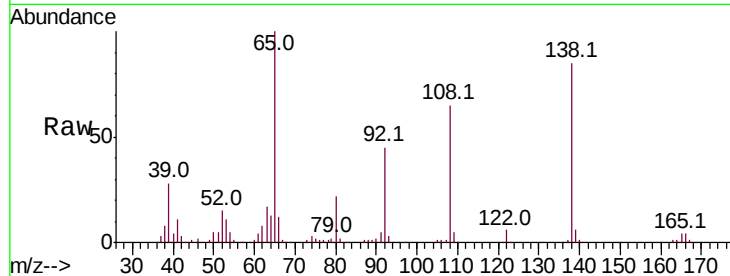
Tot Ion:138 Resp: 130376

Ion Ratio Lower Upper

138 100

92 53.3 30.2 70.2

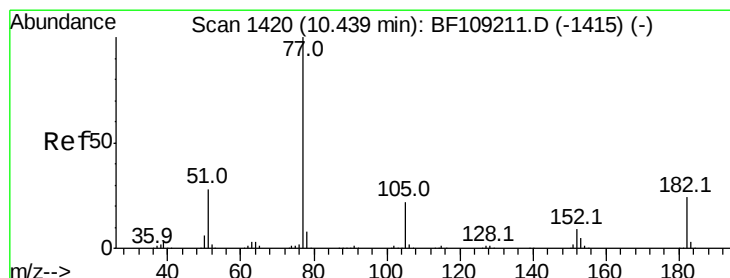
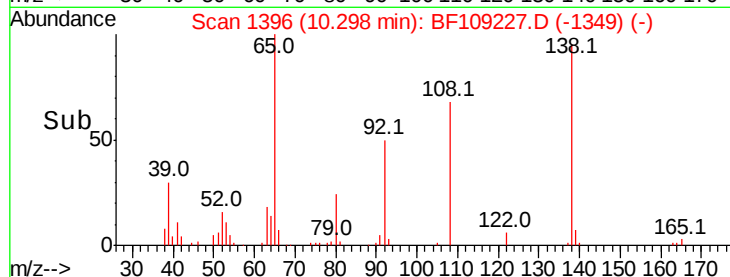
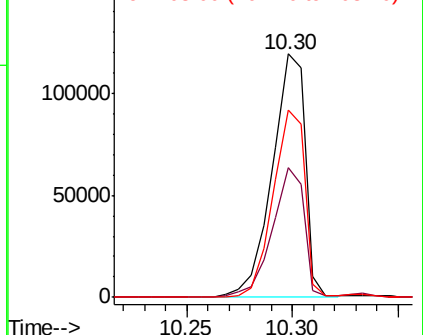
108 76.8 52.5 92.5



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: 30.717 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF109227.D

Acq: 22 Sep 2018 17:54

Tgt Ion: 77 Resp: 580587

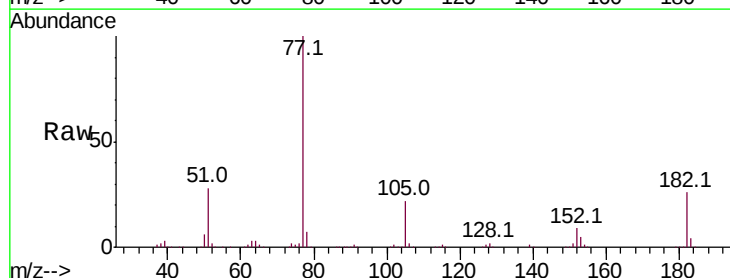
Ion Ratio Lower Upper

77 100

182 25.9 1.7 41.7

105 22.2 3.0 43.0

51 28.3 9.9 49.9

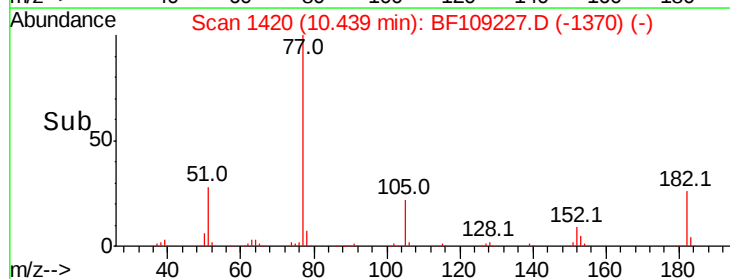
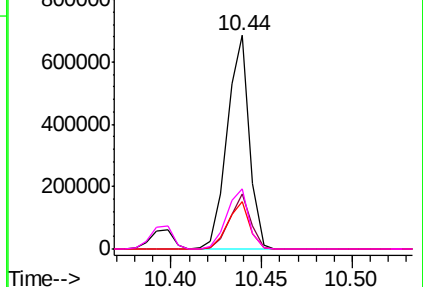


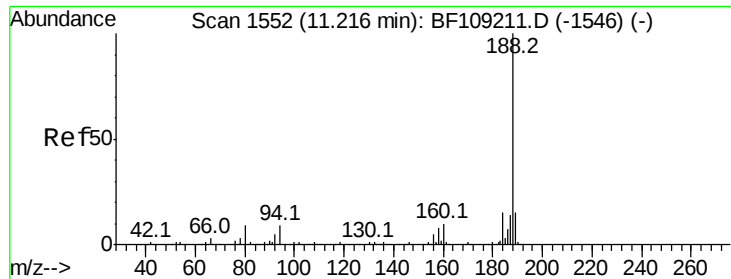
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

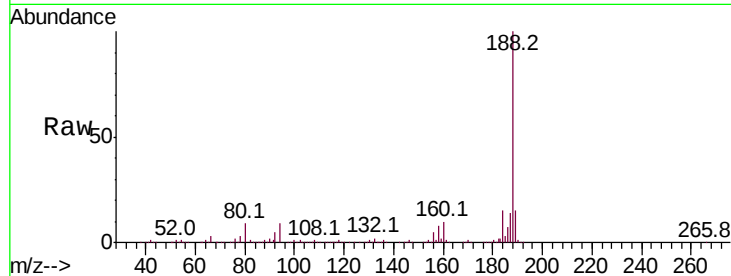




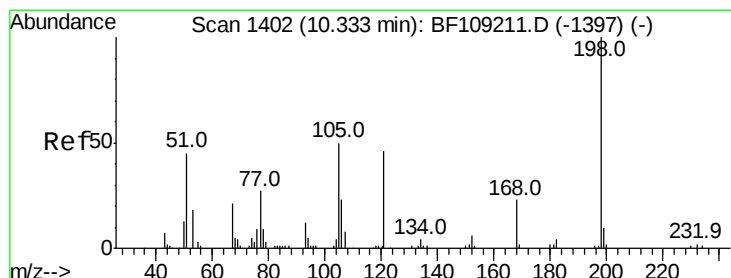
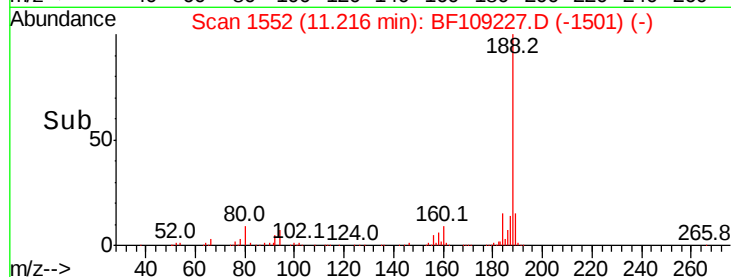
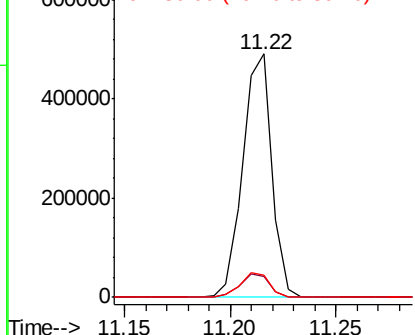
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF109227.D
Acq: 22 Sep 2018 17:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 466776
Ion Ratio Lower Upper
188 100
94 8.7 8.5 12.7
80 8.9 9.2 13.8#

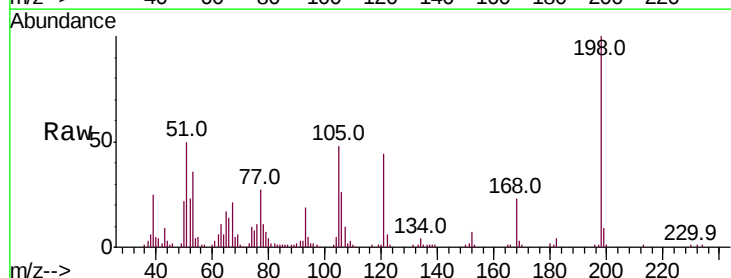


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

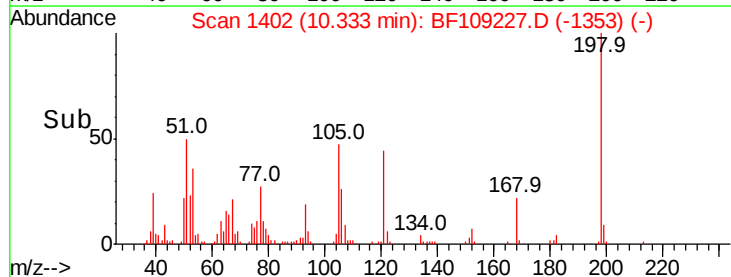
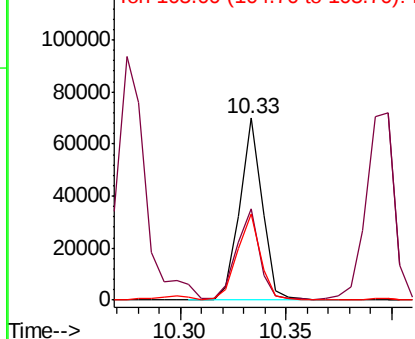


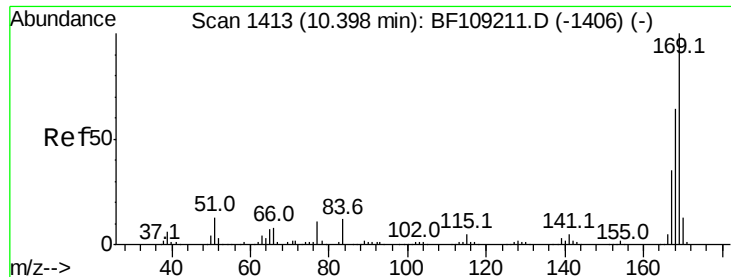
#64
4,6-Dinitro-2-methylphenol
Concen: 30.462 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF109227.D
Acq: 22 Sep 2018 17:54

Tgt Ion:198 Resp: 51761
Ion Ratio Lower Upper
198 100
51 50.0 37.7 77.7
105 47.6 36.3 76.3



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

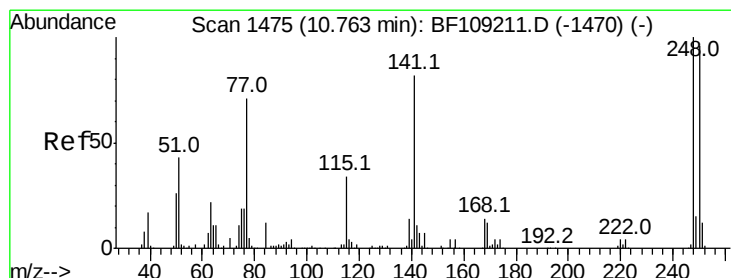
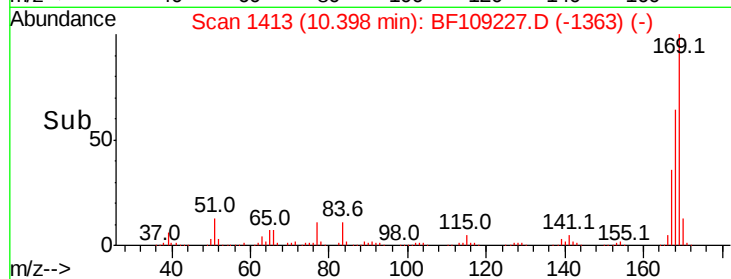
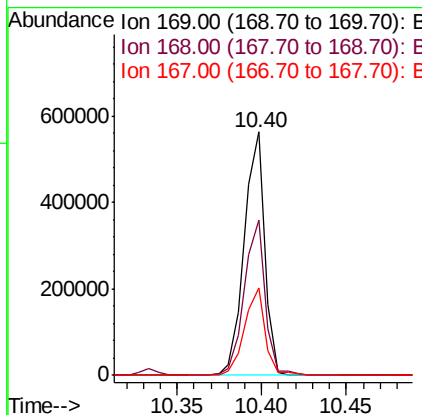
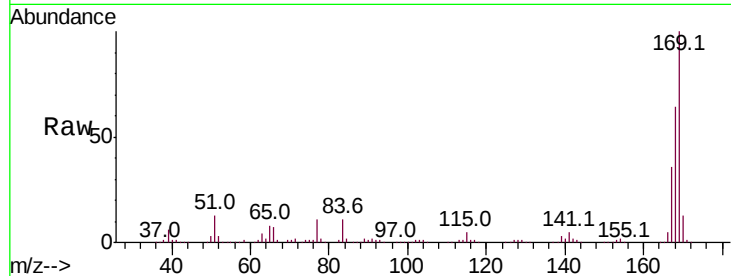




#65
 n-Nitrosodiphenylamine
 Concen: 31.096 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF109227.D
 Acq: 22 Sep 2018 17:54

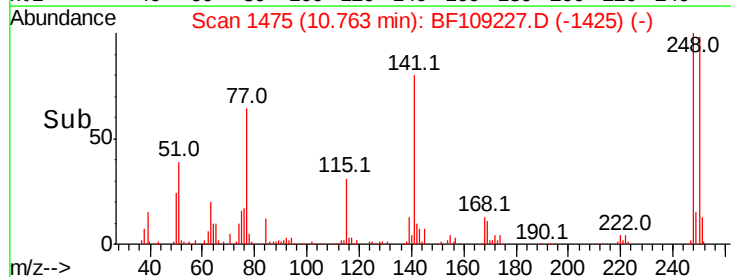
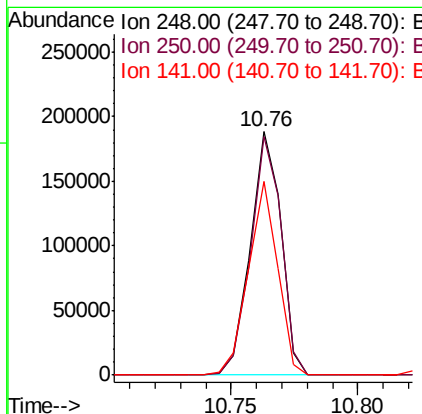
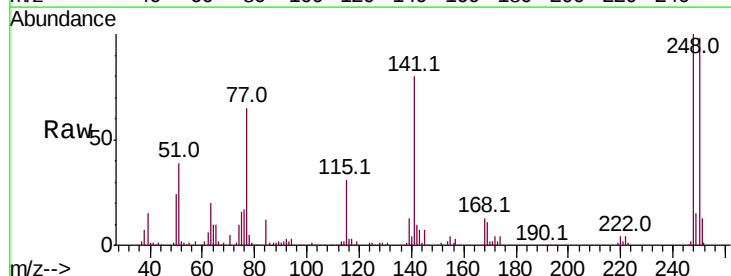
Instrument :
 BNA_F
 ClientSampleId :

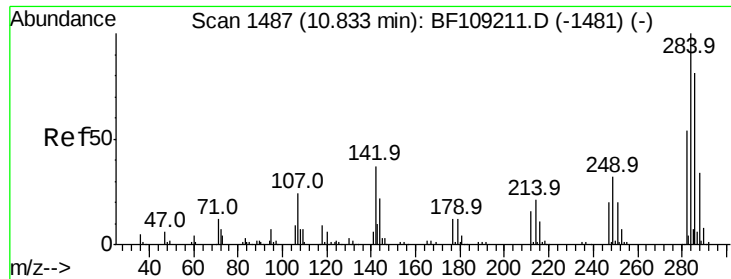
Tot Ion	Ratio	Lower	Upper
169	100		
168	63.9	54.4	81.6
167	35.7	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 30.803 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF109227.D
 Acq: 22 Sep 2018 17:54

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.8	76.9	115.3
141	79.7	74.4	111.6





#67

Hexachlorobenzene

Concen: 29.751 ng

RT: 10.83 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BF109227.D

Acq: 22 Sep 2018 17:54

Instrument :

BNA_F

ClientSampled :

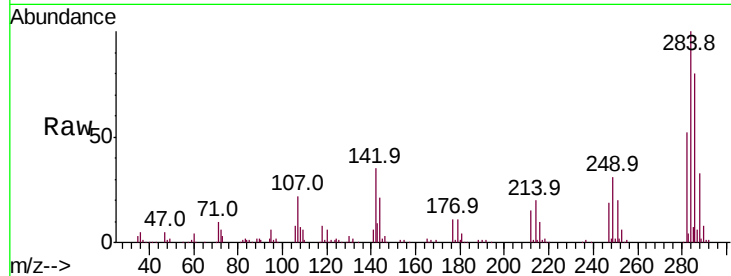
Tot Ion:284 Resp: 163779

Ion Ratio Lower Upper

284 100

142 34.5 34.6 52.0#

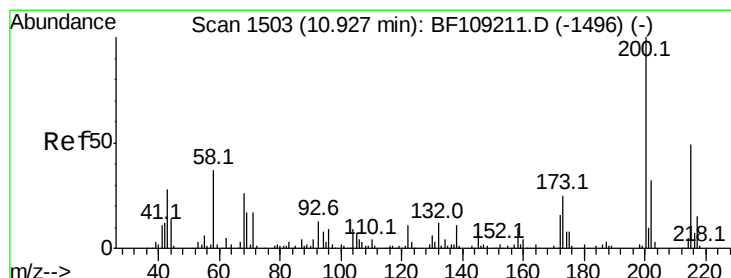
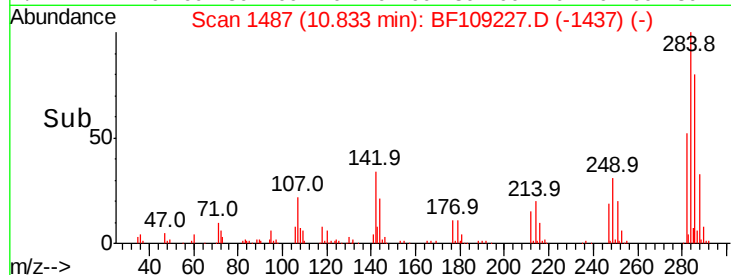
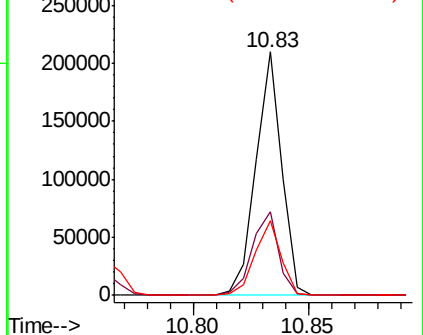
249 30.5 24.8 37.2



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: 33.489 ng

RT: 10.93 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BF109227.D

Acq: 22 Sep 2018 17:54

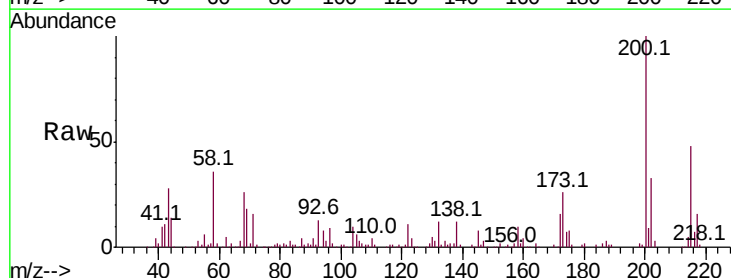
Tgt Ion:200 Resp: 158840

Ion Ratio Lower Upper

200 100

173 26.0 8.6 48.6

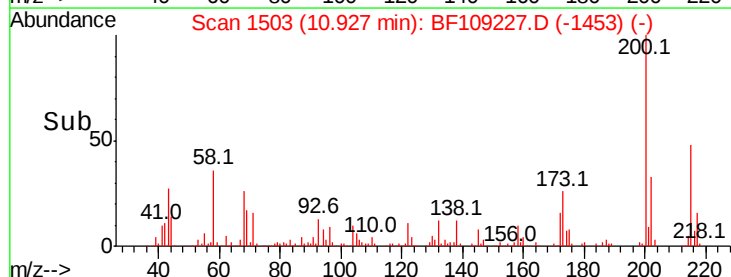
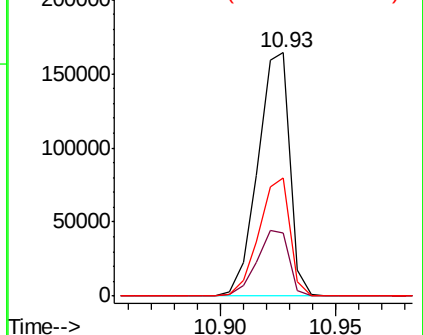
215 48.4 25.1 65.1

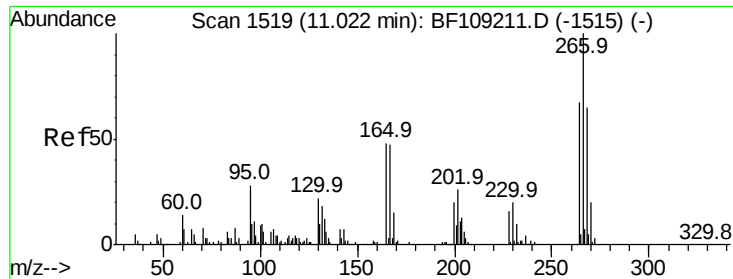


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

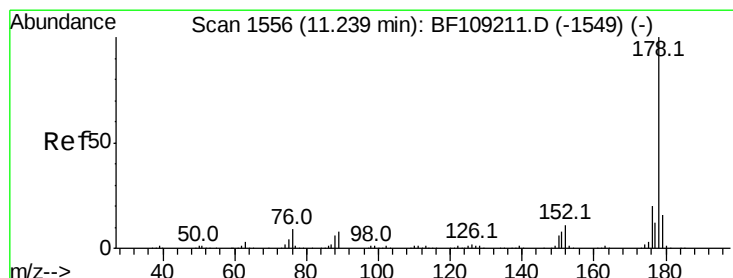
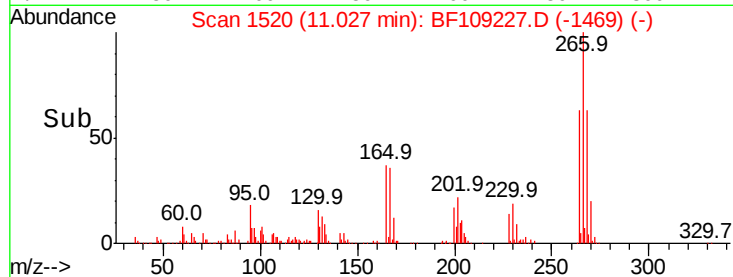
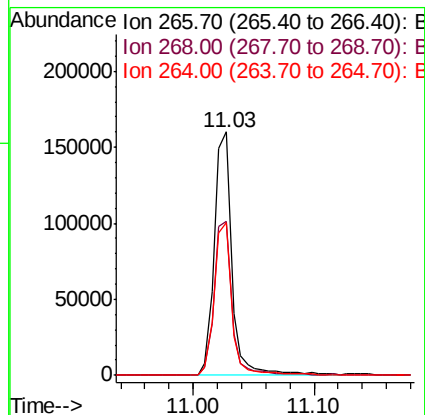
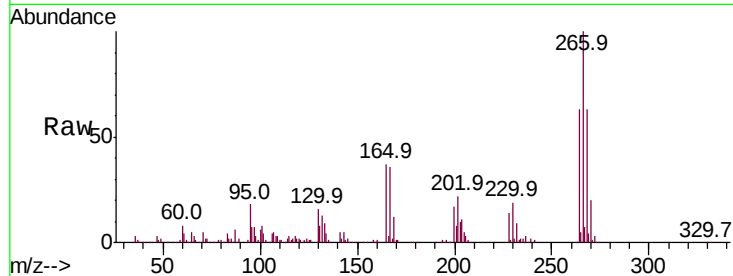




#69
 Pentachlorophenol
 Concen: 49.070 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BF109227.D
 Acq: 22 Sep 2018 17:54

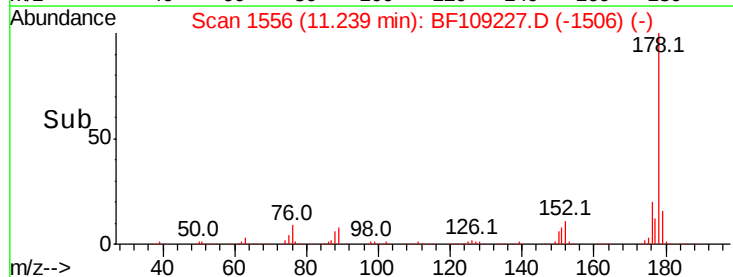
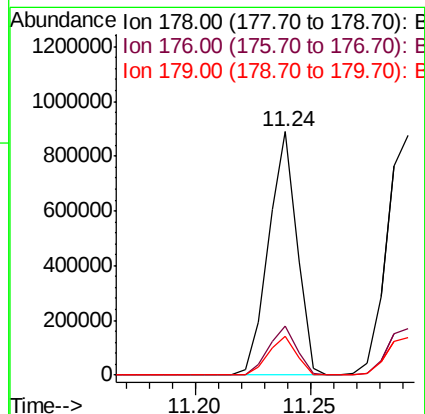
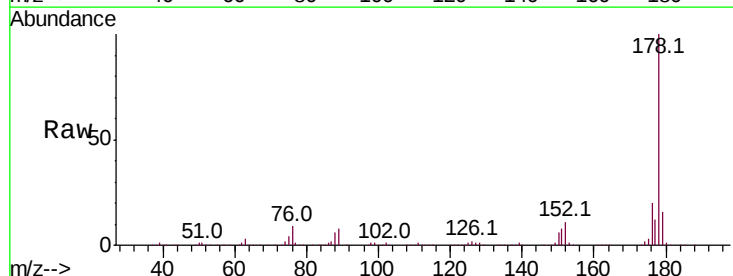
Instrument :
 BNA_F
 ClientSampleId :

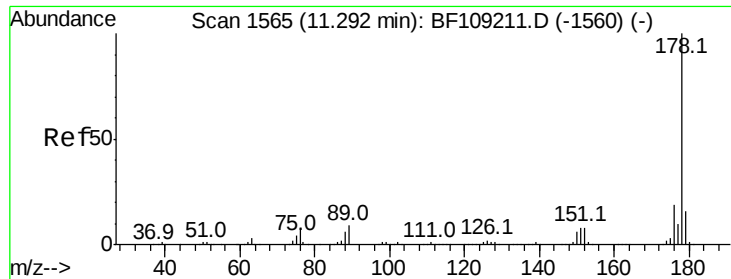
Tot Ion:266 Resp: 161679
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.1 76.7
 264 62.8 49.5 74.3



#70
 Phenanthrene
 Concen: 32.536 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF109227.D
 Acq: 22 Sep 2018 17:54

Tgt Ion:178 Resp: 758288
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.8 23.8
 179 16.0 13.0 19.6

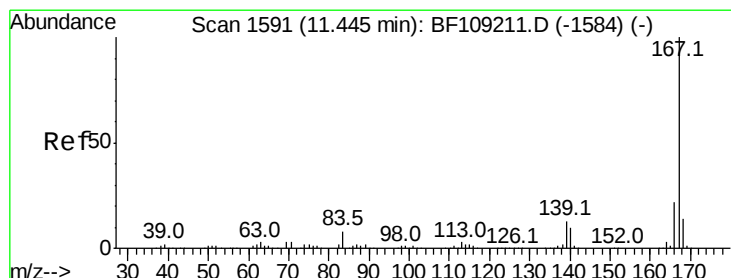
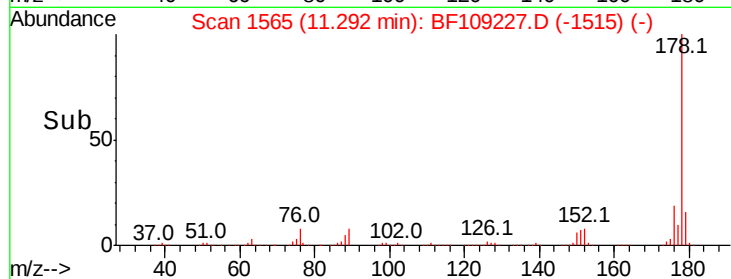
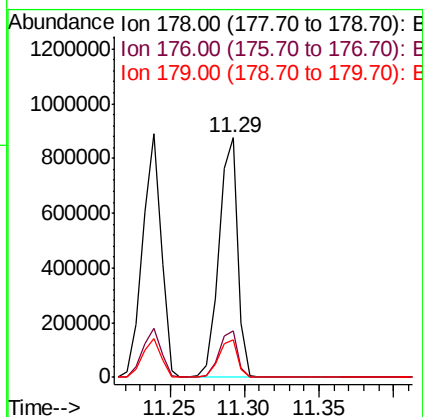
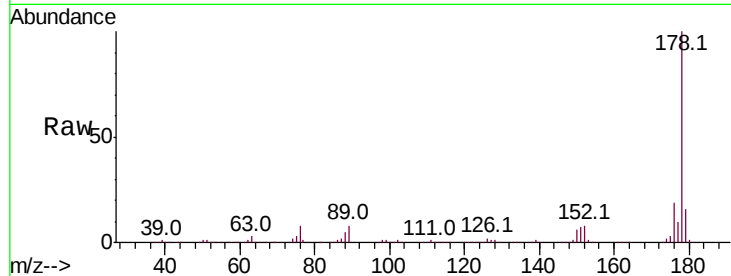




#71
 Anthracene
 Concen: 32.650 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF109227.D
 Acq: 22 Sep 2018 17:54

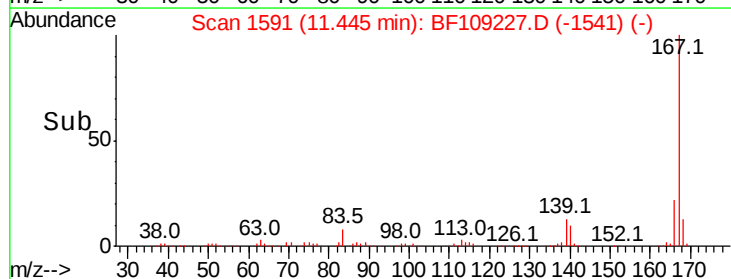
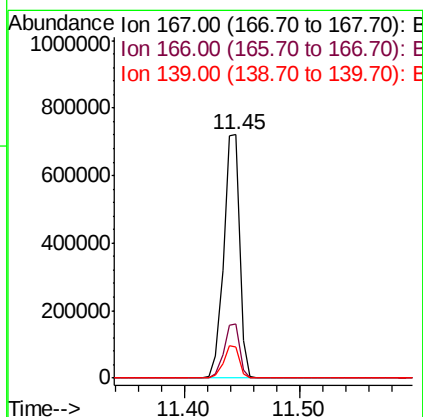
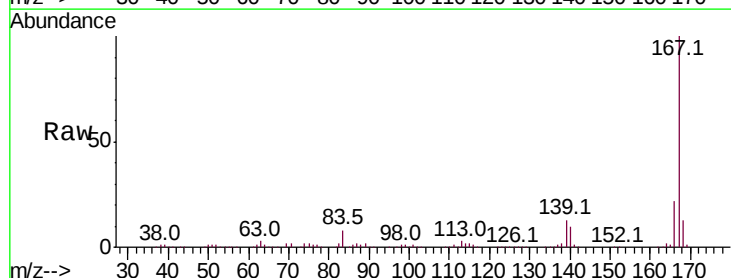
Instrument :
 BNA_F
 ClientSampled :

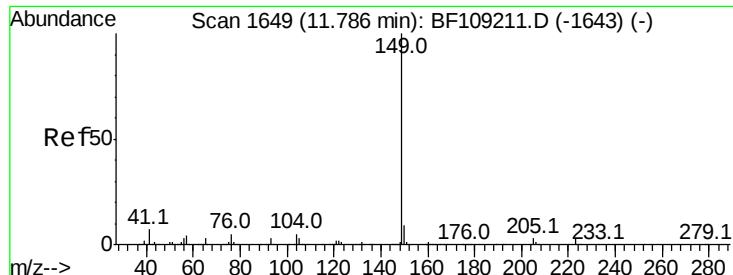
Tot Ion:178 Resp: 771809
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 29.403 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BF109227.D
 Acq: 22 Sep 2018 17:54

Tgt Ion:167 Resp: 691541
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 12.7 10.9 16.3





#73

Di-n-butylphthalate

Concen: 32.315 ng

RT: 11.79 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BF109227.D

Acq: 22 Sep 2018 17:54

Instrument :

BNA_F

ClientSampleId :

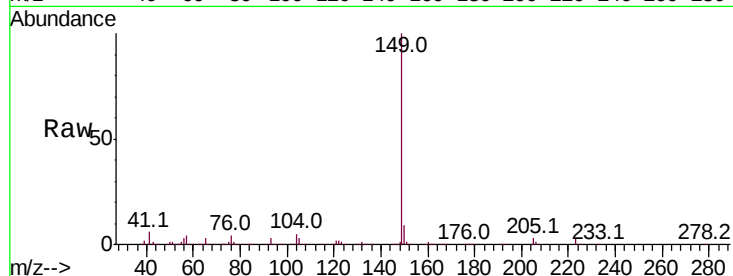
Tot Ion:149 Resp: 874953

Ion Ratio Lower Upper

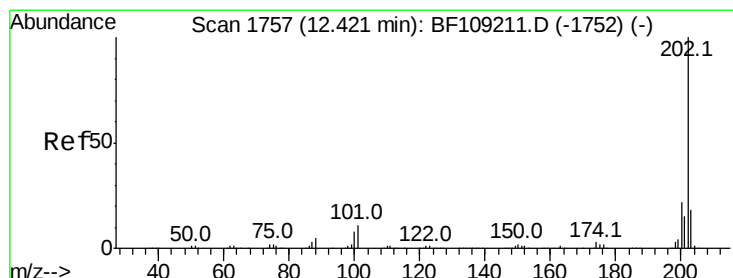
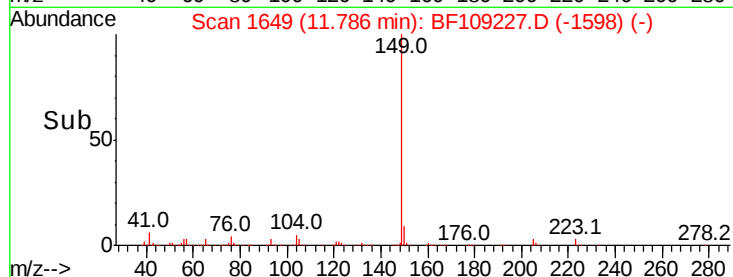
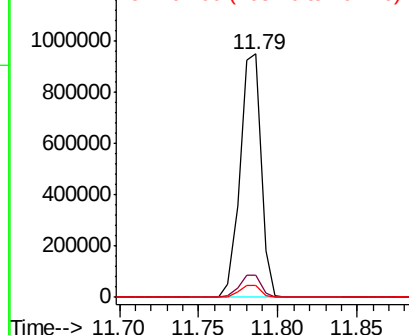
149 100

150 9.0 7.8 11.6

104 4.7 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: 30.829 ng

RT: 12.42 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BF109227.D

Acq: 22 Sep 2018 17:54

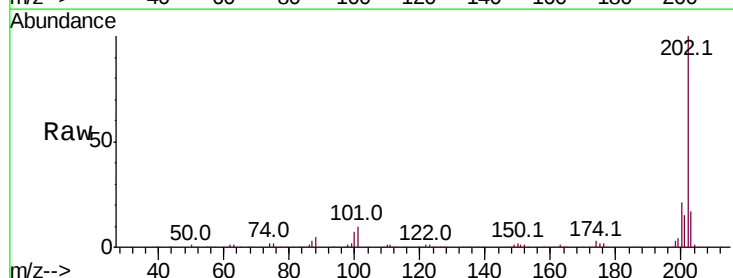
Tgt Ion:202 Resp: 767843

Ion Ratio Lower Upper

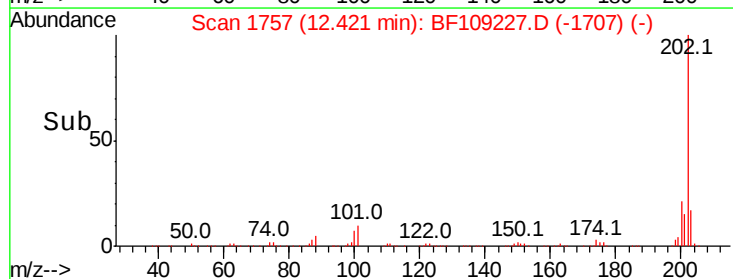
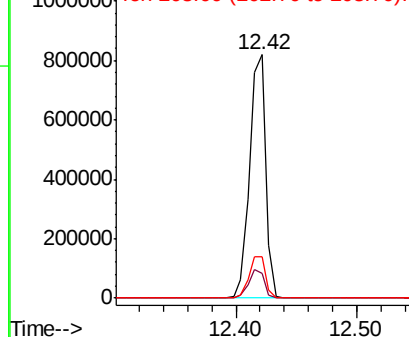
202 100

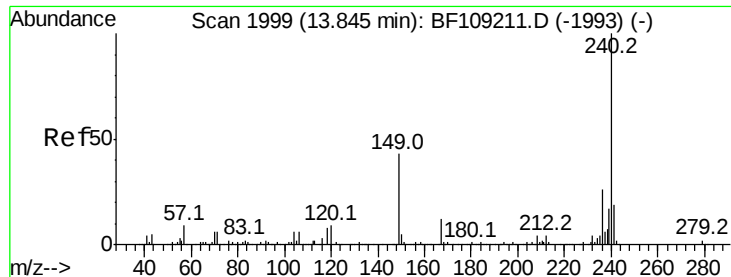
101 10.1 0.0 34.1

203 17.2 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# 1998

Delta R.T. -0.01 min

Lab File: BF109227.D

Acq: 22 Sep 2018 17:54

Instrument :

BNA_F

ClientSampleId :

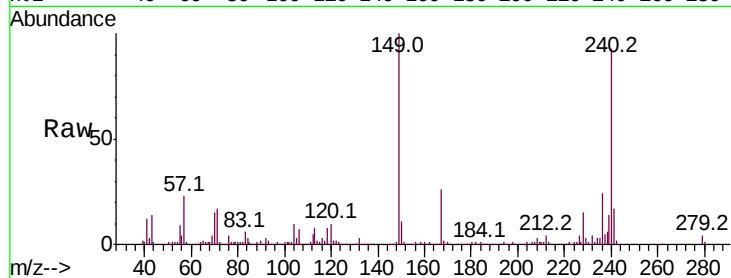
Tot Ion:240 Resp: 272492

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

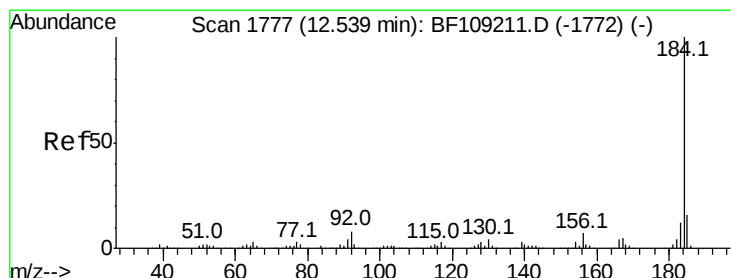
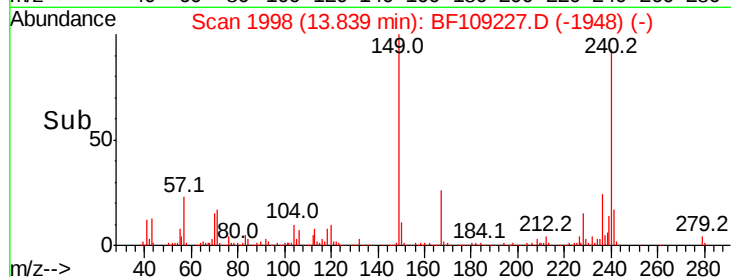
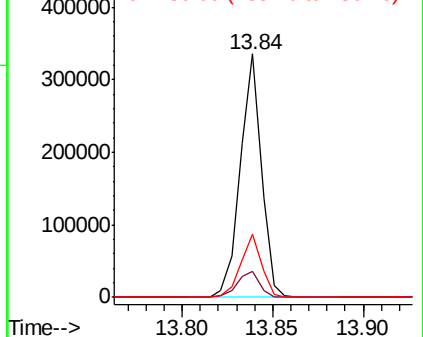
236 26.1 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.381 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF109227.D

Acq: 22 Sep 2018 17:54

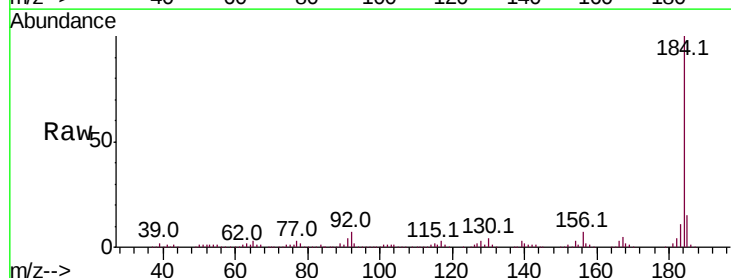
Tgt Ion:184 Resp: 318131

Ion Ratio Lower Upper

184 100

185 14.9 12.6 18.8

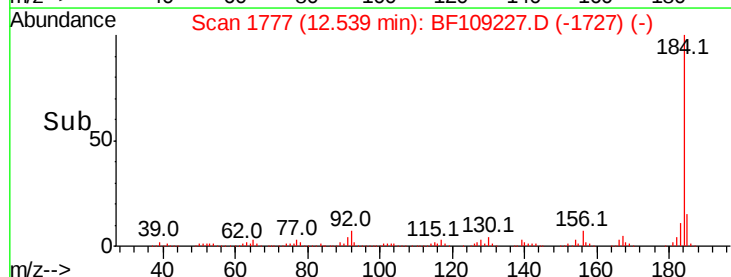
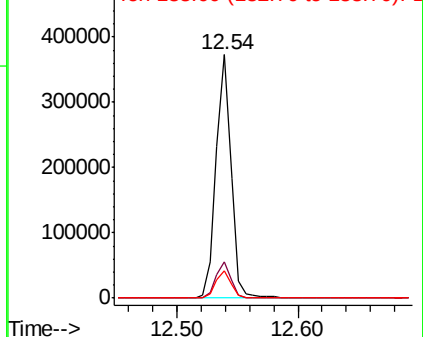
183 11.1 9.3 13.9

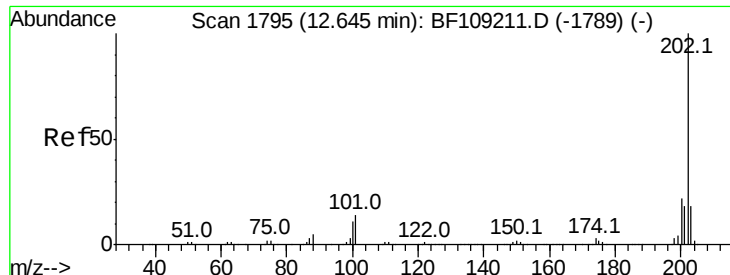


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

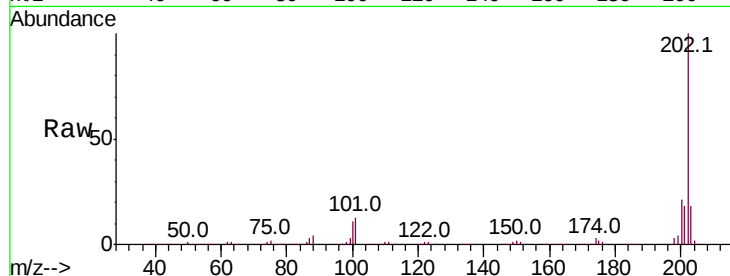




#77
Pvrene
Concen: 38.577 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF109227.D
Acq: 22 Sep 2018 17:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.7	14.3	21.5

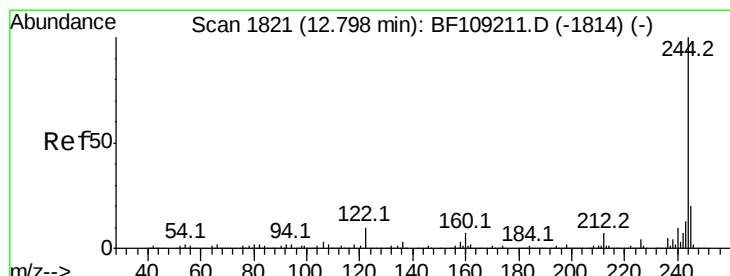
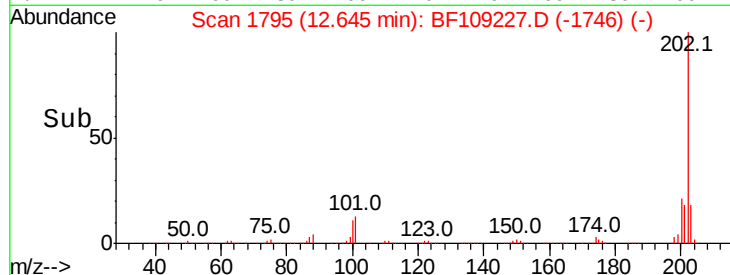
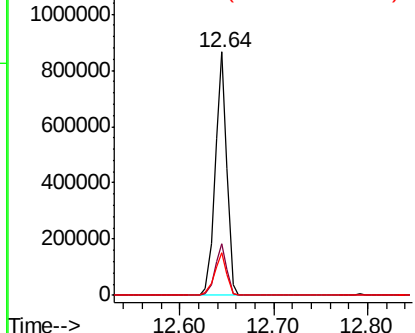


Abundance

Ion 202.00 (201.70 to 202.70): E

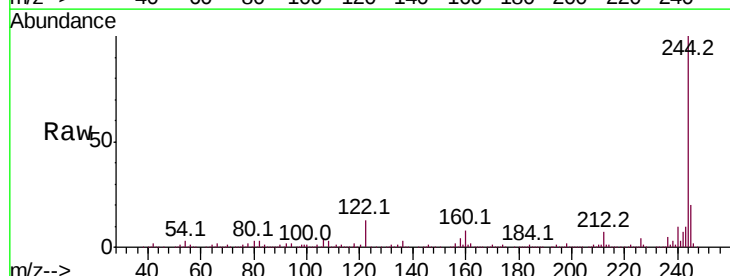
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 88.849 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF109227.D
Acq: 22 Sep 2018 17:54

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.0
122	12.6	11.0	16.4

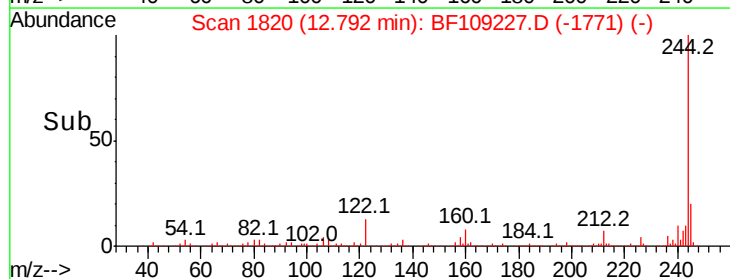
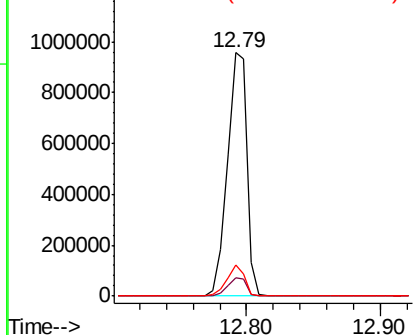


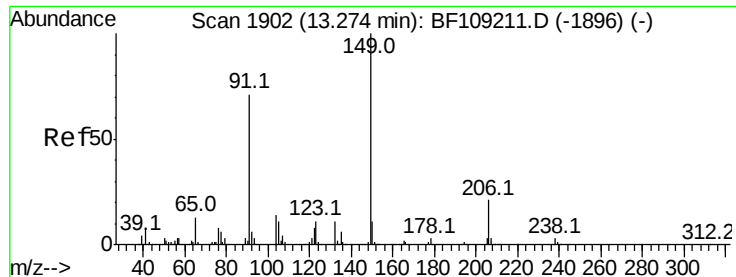
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

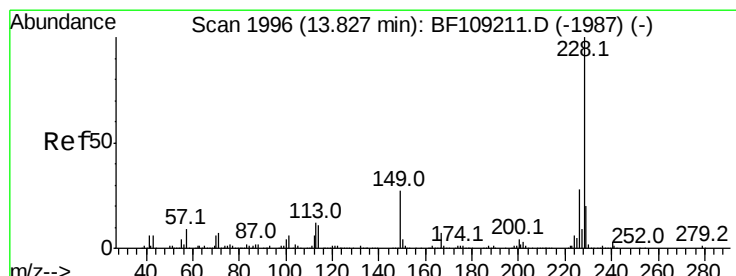
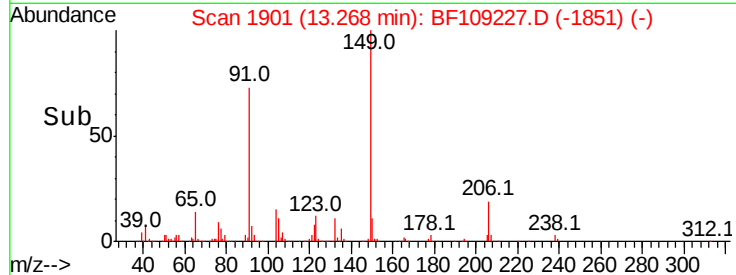
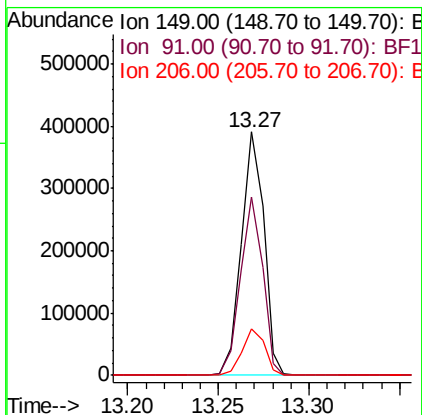
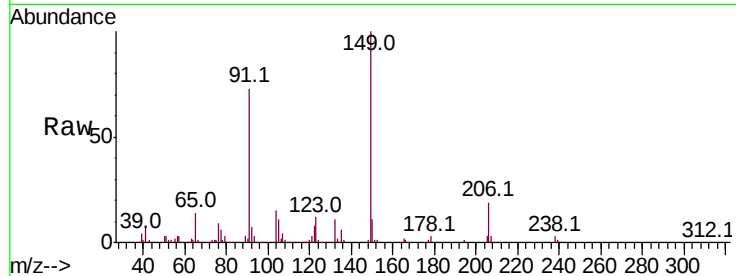




#79
Butylbenzylphthalate
Concen: 40.830 ng
RT: 13.27 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BF109227.D
Acq: 22 Sep 2018 17:54

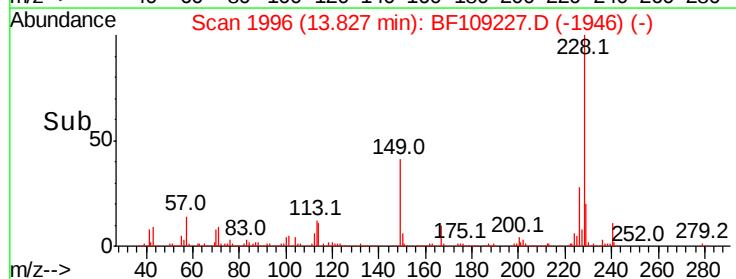
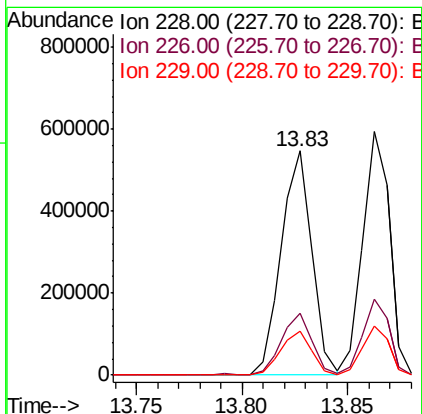
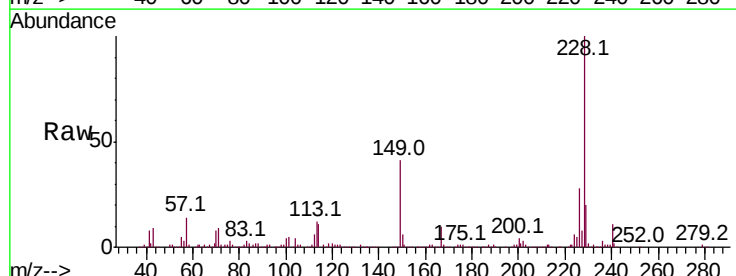
Instrument :
BNA_F
ClientSampled :

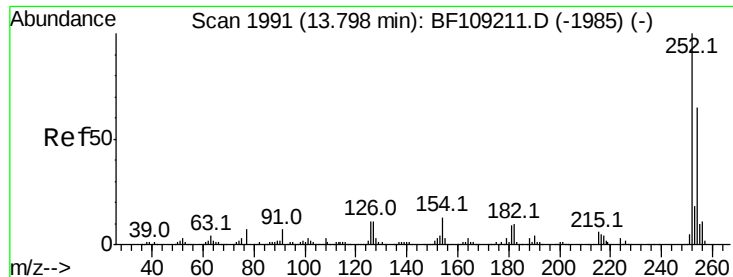
Tot Ion	Ratio	Lower	Upper
149	100		
91	73.3	56.8	85.2
206	19.1	14.1	21.1



#80
Benzo(a)anthracene
Concen: 33.813 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109227.D
Acq: 22 Sep 2018 17:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	19.6	15.8	23.6

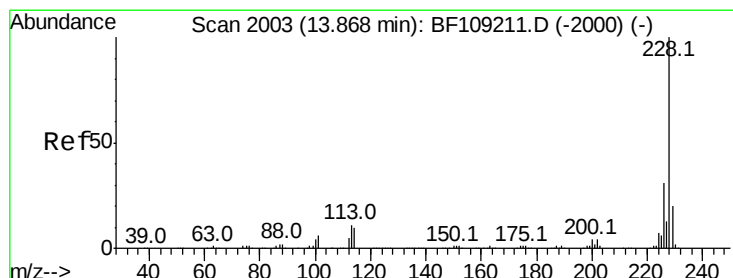
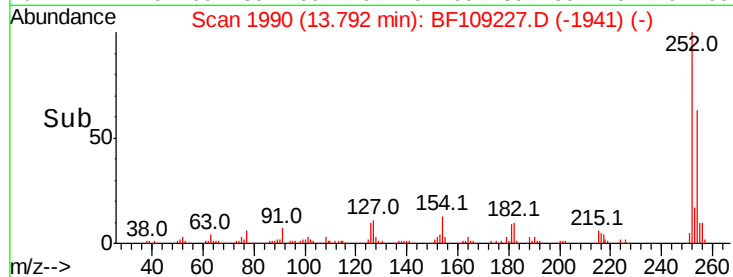
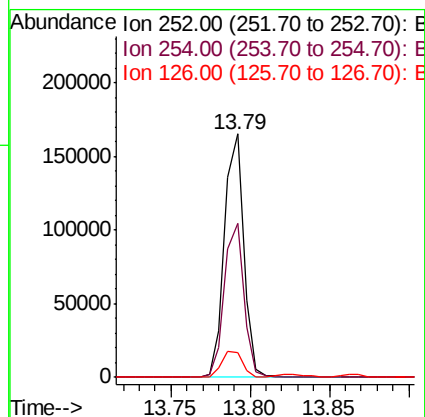
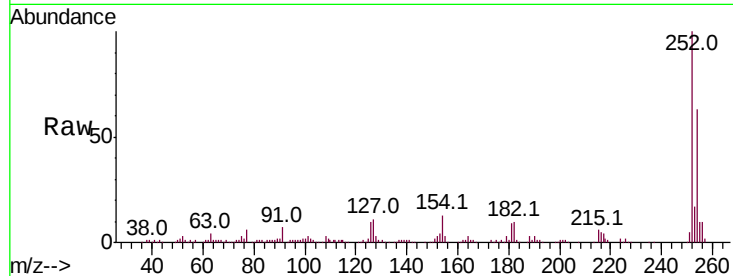




#81
 3,3'-Dichlorobenzidine
 Concen: 22.525 ng
 RT: 13.79 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BF109227.D
 Acq: 22 Sep 2018 17:54

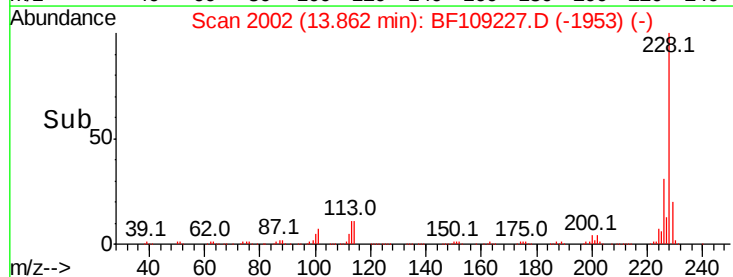
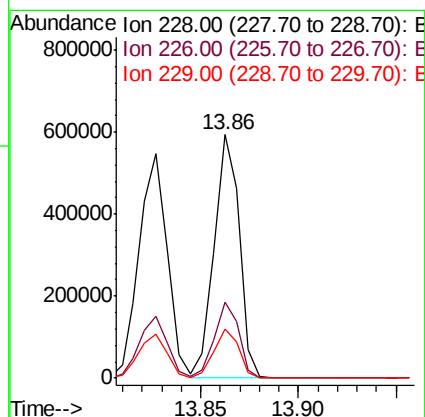
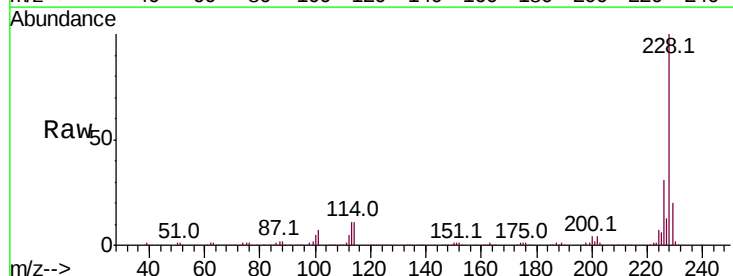
Instrument :
 BNA_F
 ClientSampleId :

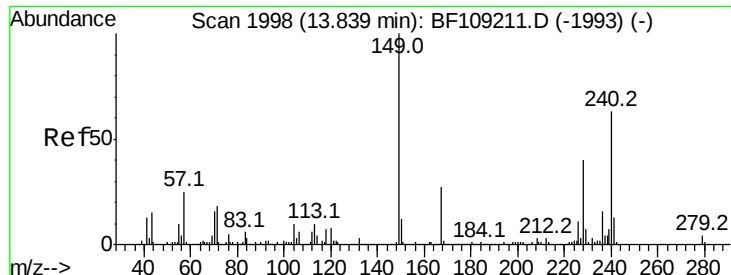
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.1	50.4	75.6
126	10.0	11.3	16.9#



#82
 Chrysene
 Concen: 32.504 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF109227.D
 Acq: 22 Sep 2018 17:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	20.1	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.398 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF109227.D

Acq: 22 Sep 2018 17:54

Instrument :

BNA_F

ClientSampleId :

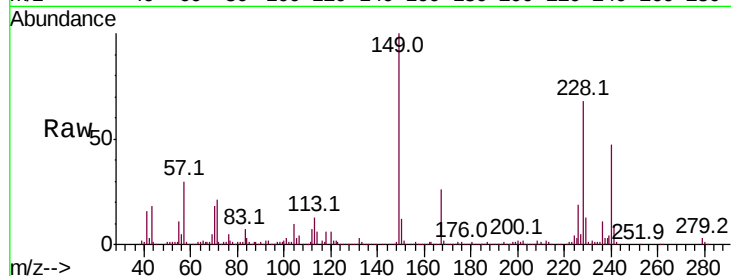
Tot Ion:149 Resp: 412829

Ion Ratio Lower Upper

149 100

167 26.2 21.3 31.9

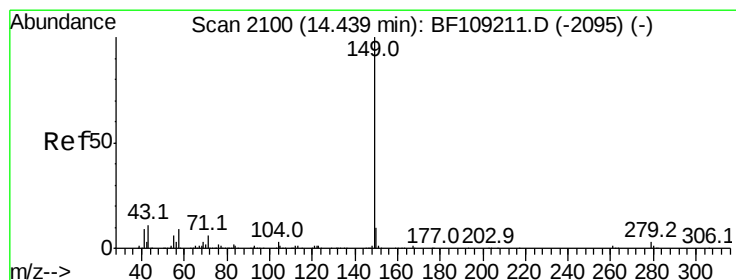
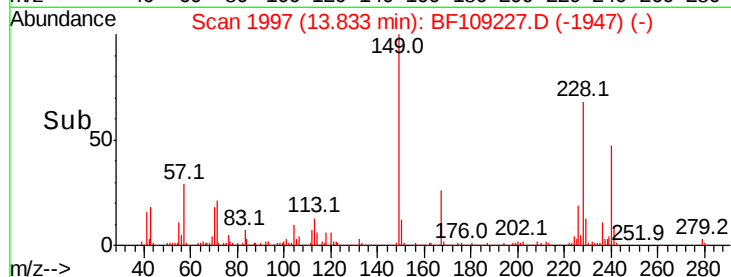
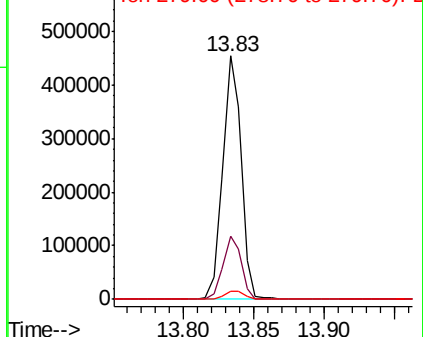
279 3.4 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 36.741 ng

RT: 14.44 min Scan# 2100

Delta R.T. -0.01 min

Lab File: BF109227.D

Acq: 22 Sep 2018 17:54

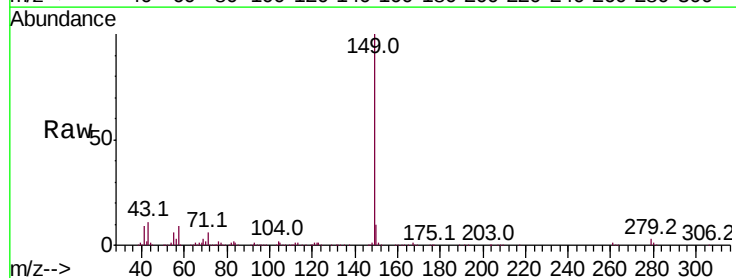
Tgt Ion:149 Resp: 658243

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

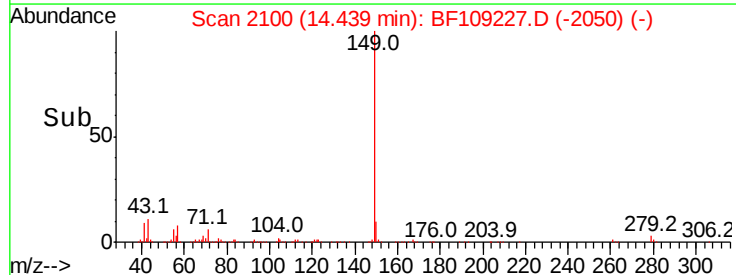
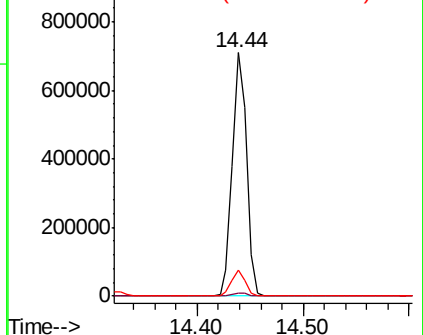
43 10.3 8.4 12.6

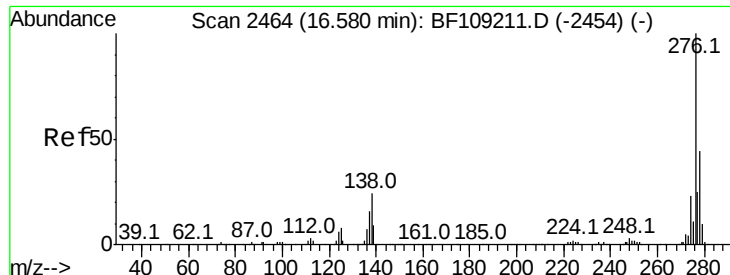


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

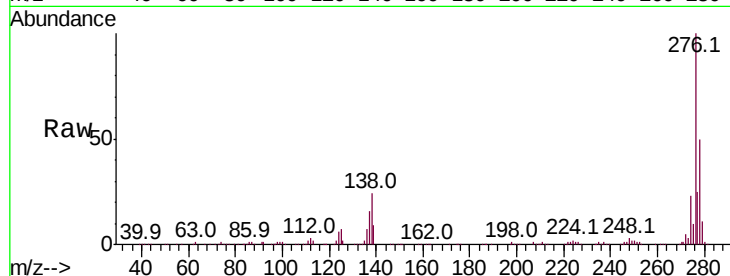




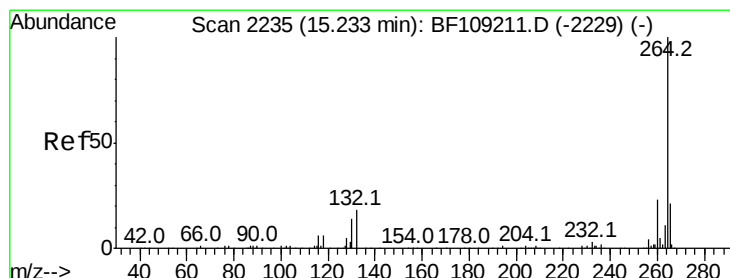
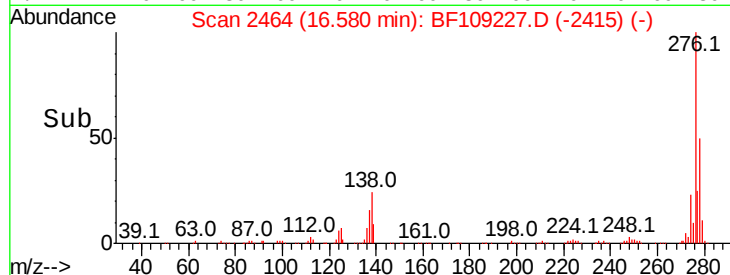
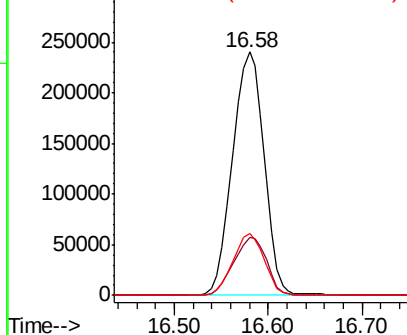
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.666 ng
 RT: 16.58 min Scan# 2464
 Delta R.T. -0.01 min
 Lab File: BF109227.D
 Acq: 22 Sep 2018 17:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.7	25.0	37.6#
277	25.0	20.1	30.1

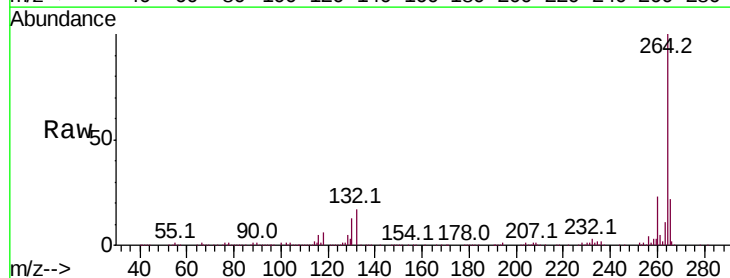


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

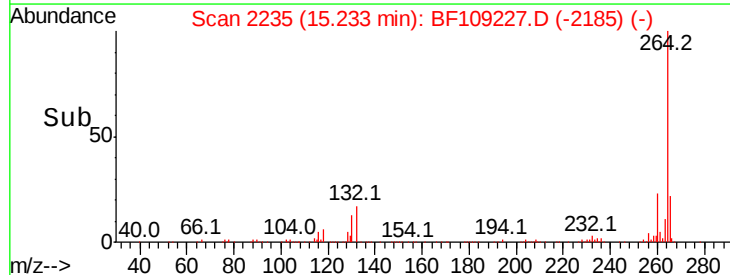
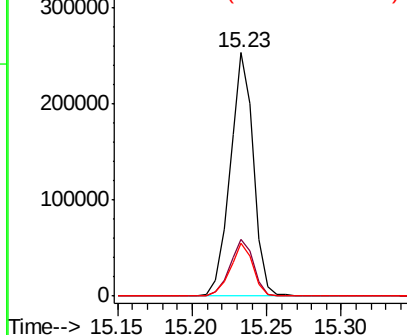


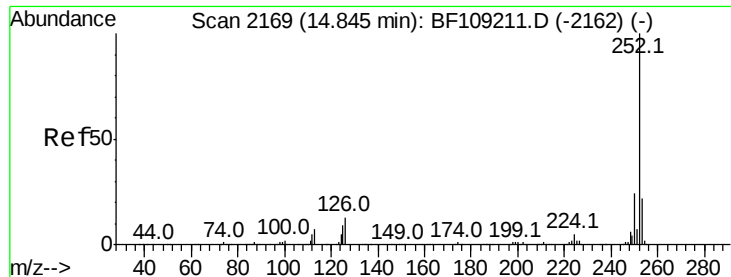
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. -0.01 min
 Lab File: BF109227.D
 Acq: 22 Sep 2018 17:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.7	17.5	26.3



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

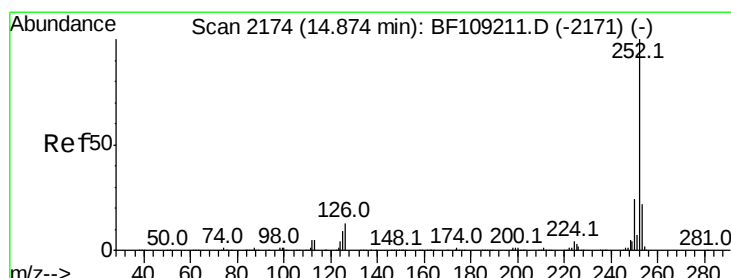
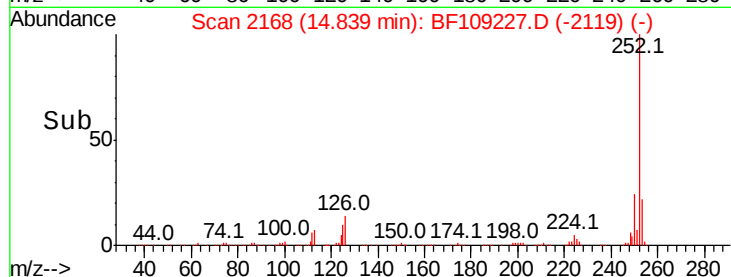
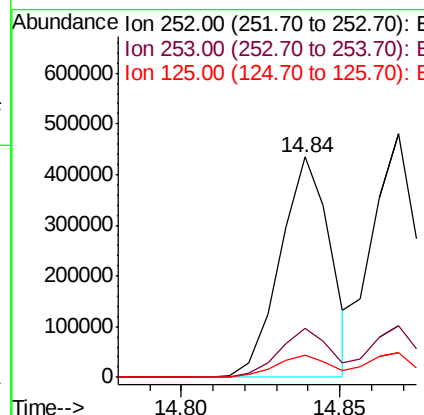
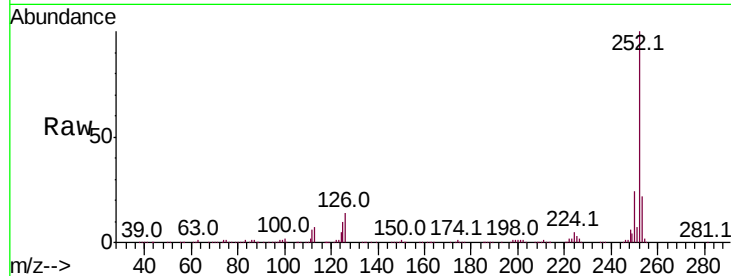




#87
Benzo(b)fluoranthene
Concen: 31.526 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF109227.D
Acq: 22 Sep 2018 17:54

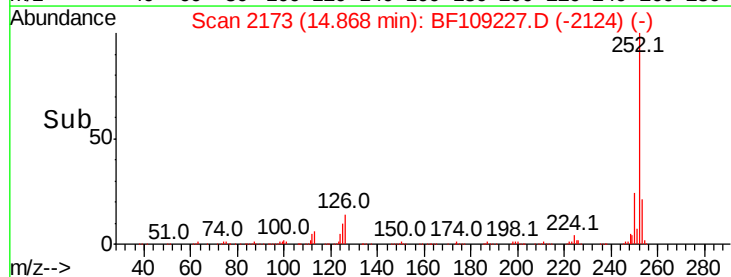
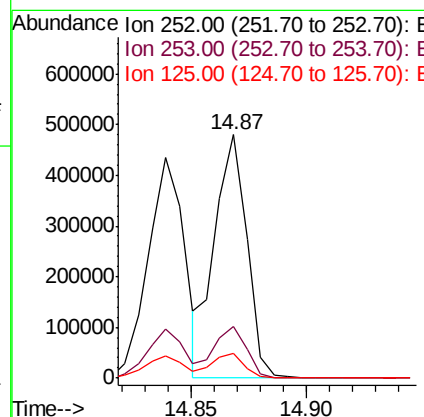
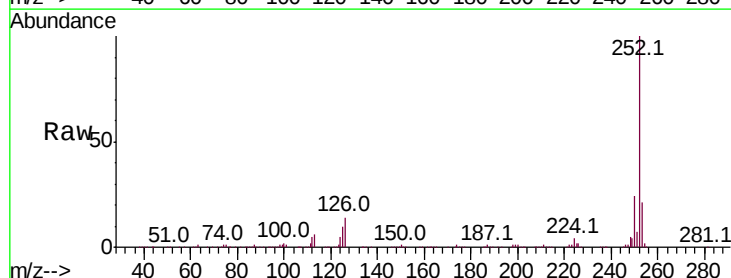
Instrument :
BNA_F
ClientSampleId :

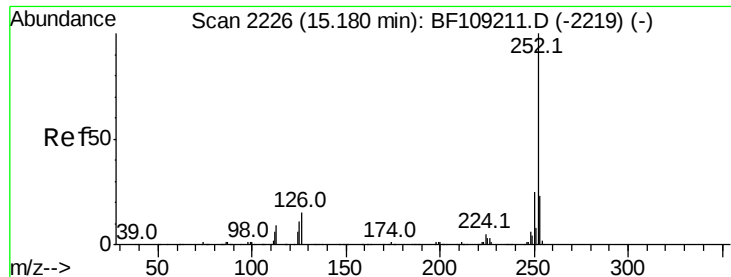
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	10.2	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 32.051 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF109227.D
Acq: 22 Sep 2018 17:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.9	26.9
125	10.1	10.2	15.2#

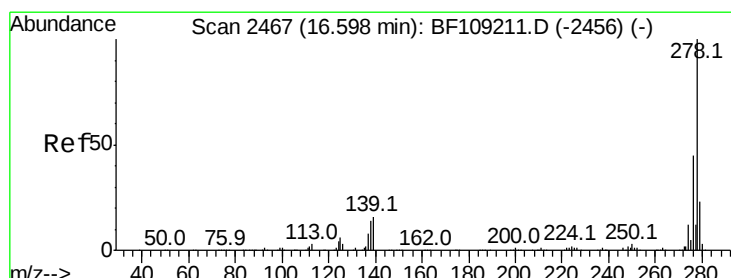
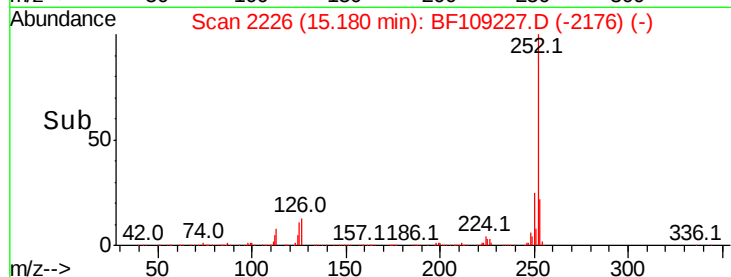
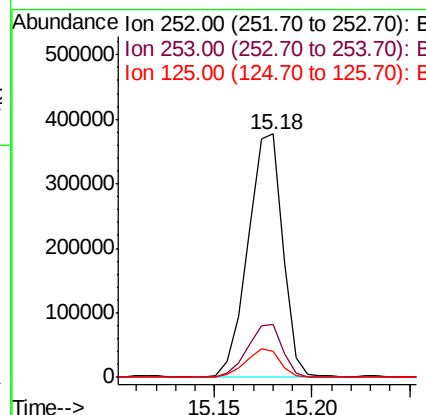
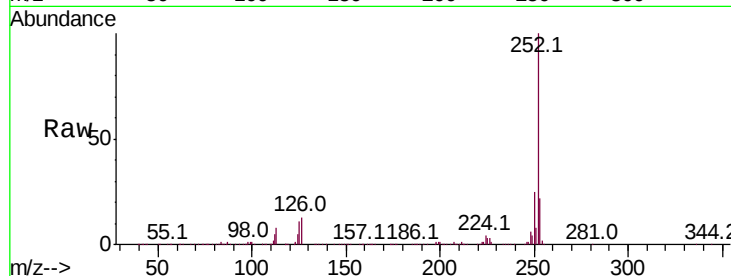




#89
Benzo(a)pyrene
Concen: 34.018 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF109227.D
Acq: 22 Sep 2018 17:54

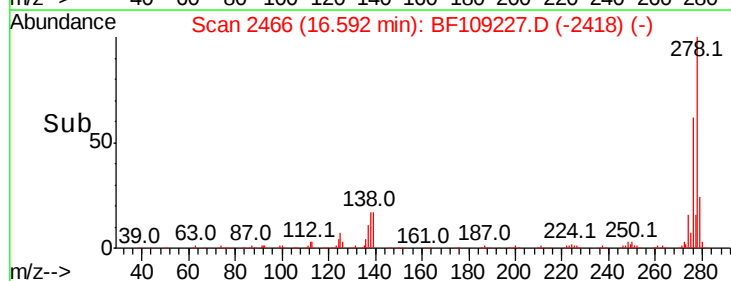
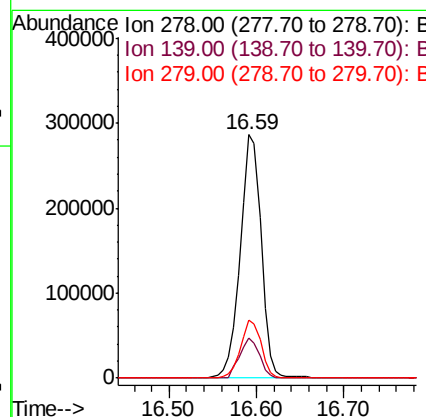
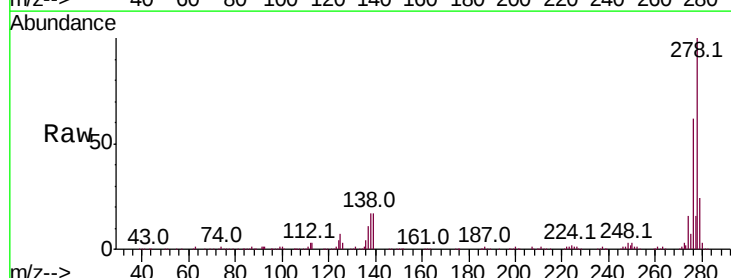
Instrument :
BNA_F
ClientSampleId :

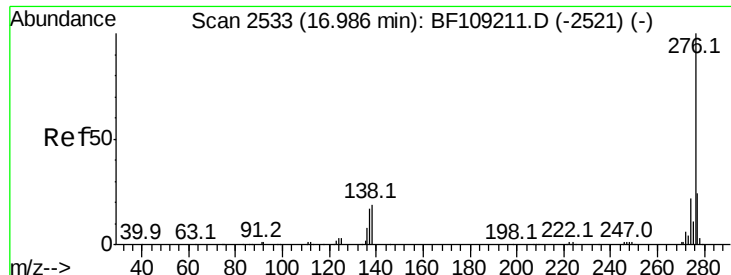
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	10.6	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 41.226 ng
RT: 16.59 min Scan# 2466
Delta R.T. -0.02 min
Lab File: BF109227.D
Acq: 22 Sep 2018 17:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.6	15.9	23.9
279	24.0	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 42.243 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.02 min

Lab File: BF109227.D

Acq: 22 Sep 2018 17:54

Instrument :

BNA_F

ClientSampleId :

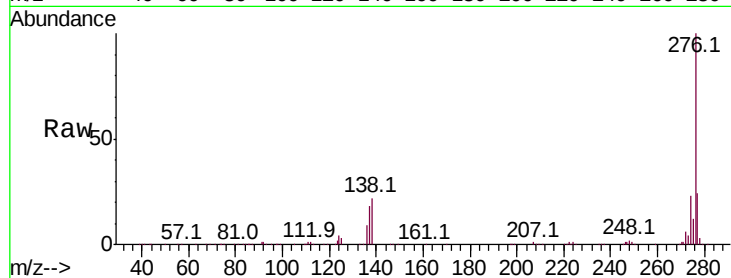
Tot Ion:276 Resp: 467370

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 21.9 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

