

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
 Data File : BF109327.D
 Acq On : 26 Sep 2018 10:00
 Operator : JU/SJ
 Sample : PB113191BS
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 11:47:13 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	119555	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	450653	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	202358	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	323283	20.00	ng	0.00
75) Chrysene-d12	13.85	240	240223	20.00	ng	0.00
86) Perylene-d12	15.24	264	191422	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	513210	70.70	ng	0.00
7) Phenol-d6	6.35	99	662437	71.52	ng	-0.01
23) Nitrobenzene-d5	7.27	82	588088	77.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	133822	67.08	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1031916	76.91	ng	0.00
78) Terphenyl-d14	12.80	244	823222	84.10	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.45	88	99290	29.701	ng	95
3) Pyridine	3.15	79	285301	33.159	ng	90
4) n-Nitrosodimethylamine	3.08	42	132868	36.287	ng	# 96
6) Aniline	6.37	93	258004	21.772	ng	98
8) 2-Chlorophenol	6.49	128	287037	35.560	ng	96
9) Benzaldehyde	6.25	77	167229	28.105	ng	99
10) Phenol	6.36	94	349639	33.333	ng	# 73
11) bis(2-Chloroethyl)ether	6.45	93	266039	32.413	ng	95
12) 1,3-Dichlorobenzene	6.65	146	304706	32.787	ng	98
13) 1,4-Dichlorobenzene	6.73	146	304857	32.560	ng	97
14) 1,2-Dichlorobenzene	6.88	146	286070	33.121	ng	98
15) Benzyl Alcohol	6.85	79	244178	34.441	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	370626	31.835	ng	94
17) 2-Methylphenol	6.97	107	224820	34.422	ng	96
18) Hexachloroethane	7.22	117	97714	29.623	ng	98
19) n-Nitroso-di-n-propylamine	7.13	70	194048	31.973	ng	97
20) 3+4-Methylphenols	7.12	107	273448	34.678	ng	# 70
22) Acetophenone	7.12	105	382045	36.668	ng	# 94
24) Nitrobenzene	7.29	77	295975	36.463	ng	96
25) Isophorone	7.53	82	534846	38.906	ng	99
26) 2-Nitrophenol	7.60	139	129826	40.443	ng	95
27) 2,4-Dimethylphenol	7.65	122	248901	41.553	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	331166	36.392	ng	99
29) 2,4-Dichlorophenol	7.85	162	232949	37.015	ng	100
30) 1,2,4-Trichlorobenzene	7.93	180	243065	34.564	ng	97
31) Naphthalene	8.02	128	789176	37.475	ng	99
32) Benzoic acid	7.77	122	139597	36.236	ng	99
33) 4-Chloroaniline	8.06	127	121430	13.199	ng	99
34) Hexachlorobutadiene	8.14	225	143439	33.835	ng	97
35) Caprolactam	8.43	113	73594	36.627	ng	# 84
36) 4-Chloro-3-methylphenol	8.55	107	237320	35.836	ng	97
37) 2-Methylnaphthalene	8.70	142	523041	38.528	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	240017	37.269	ng	98
40) Hexachlorocyclopentadiene	8.86	237	56622	20.157	ng	96

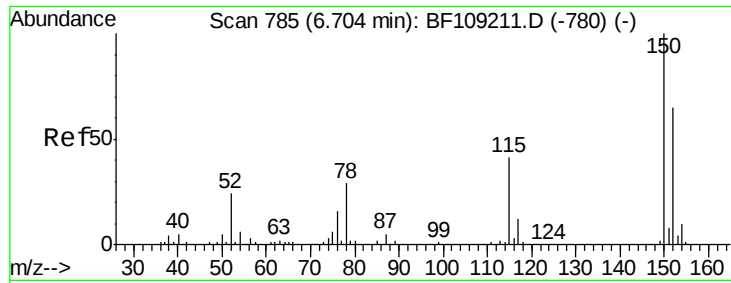
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	154126	37.289	nq	98
43) 2,4,5-Trichlorophenol	9.03	196	160865	36.851	nq #	91
45) 1,1'-Biphenyl	9.17	154	612942	37.177	nq	98
46) 2-Chloronaphthalene	9.19	162	470513	35.722	nq	99
47) 2-Nitroaniline	9.28	65	142929	38.274	nq	95
48) Acenaphthylene	9.60	152	739550	37.219	nq	99
49) Dimethylphthalate	9.47	163	549917	37.363	nq	99
50) 2,6-Dinitrotoluene	9.53	165	114392	39.243	nq	94
51) Acenaphthene	9.77	154	427570	35.591	nq	98
52) 3-Nitroaniline	9.69	138	89712	26.575	nq	92
53) 2,4-Dinitrophenol	9.80	184	19875	25.686	nq #	19
54) Dibenzofuran	9.95	168	617419	34.558	nq	97
55) 4-Nitrophenol	9.86	139	155345	61.087	nq	95
56) 2,4-Dinitrotoluene	9.93	165	141632	38.400	nq #	98
57) Fluorene	10.29	166	452325	35.484	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	122552	35.456	nq #	87
59) Diethylphthalate	10.16	149	527370	35.384	nq	98
60) 4-Chlorophenyl-phenylether	10.28	204	221730	33.302	nq	92
61) 4-Nitroaniline	10.30	138	98926	30.049	nq	98
62) Azobenzene	10.44	77	502315	32.439	nq	95
64) 4,6-Dinitro-2-methylphenol	10.33	198	16823	17.755	nq	93
65) n-Nitrosodiphenylamine	10.40	169	433144	40.552	nq	96
66) 4-Bromophenyl-phenylether	10.77	248	141822	39.505	nq #	84
67) Hexachlorobenzene	10.84	284	140841	36.940	nq #	86
68) Atrazine	10.93	200	134950	41.081	nq	95
69) Pentachlorophenol	11.03	266	126271	55.334	nq	97
70) Phenanthrene	11.24	178	608950	37.726	nq	99
71) Anthracene	11.29	178	621440	37.958	nq	100
72) Carbazole	11.45	167	547673	33.622	nq	99
73) Di-n-butylphthalate	11.79	149	717560	38.266	nq	99
74) Fluoranthene	12.42	202	620351	35.963	nq	97
76) Benzidine	12.55	184	466444	53.855	nq	99
77) Pyrene	12.65	202	621151	36.079	nq	100
79) Butylbenzylphthalate	13.27	149	277750	37.920	nq	97
80) Benzo(a)anthracene	13.83	228	538699	37.230	nq	99
81) 3,3'-Dichlorobenzidine	13.80	252	214107	38.936	nq #	97
82) Chrysene	13.87	228	526560	36.716	nq	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	353283	38.245	nq	99
84) Di-n-octyl phthalate	14.44	149	644142	40.783	nq	98
85) Indeno(1,2,3-cd)pyrene	16.59	276	368259	31.679	nq #	93
87) Benzo(b)fluoranthene	14.87	252	379581	36.087	nq	98
88) Benzo(k)fluoranthene	14.87	252	379581	38.030	nq	98
89) Benzo(a)pyrene	15.19	252	375684	39.637	nq	99
90) Dibenzo(a,h)anthracene	16.60	278	304990	39.223	nq	96
91) Benzo(g,h,i)perylene	17.00	276	307074	40.182	nq #	92

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

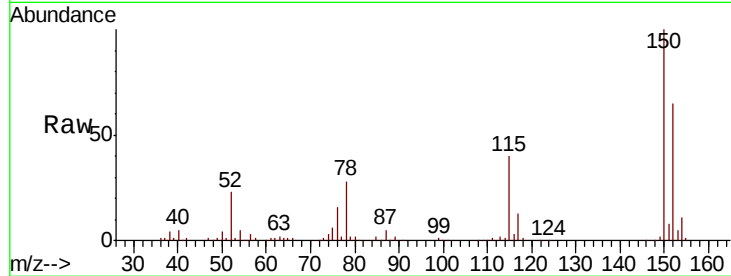


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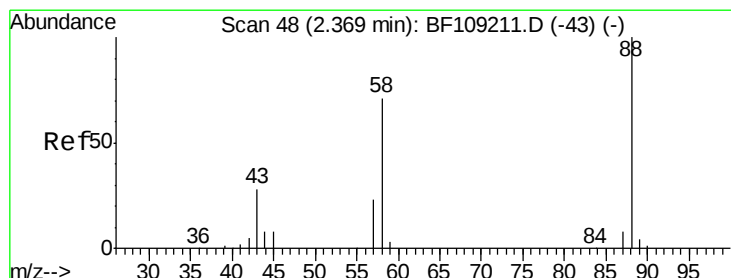
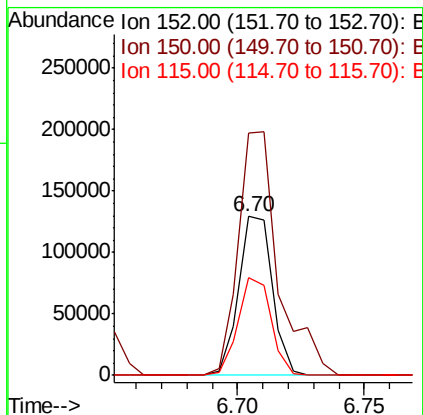
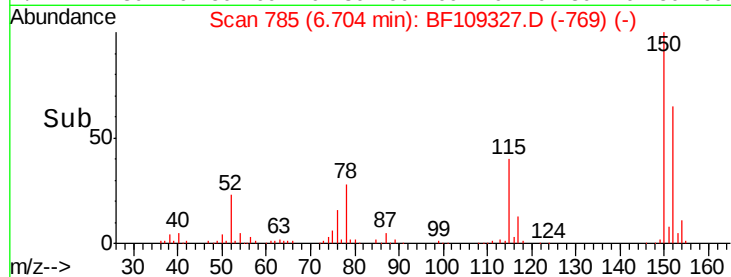
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109327.D
 Acq: 26 Sep 2018 10:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	124.6	186.8
115	61.3	50.1	75.1



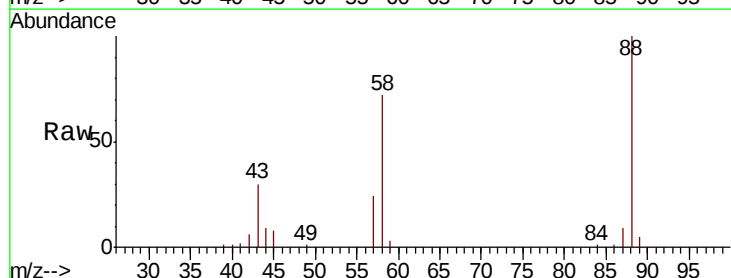
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



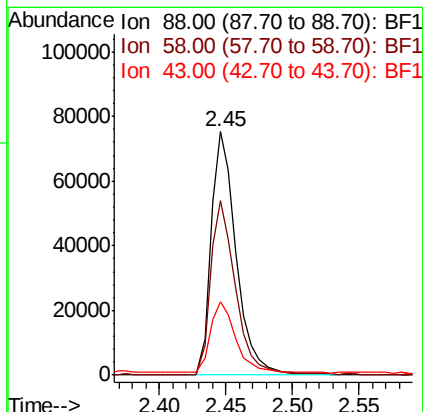
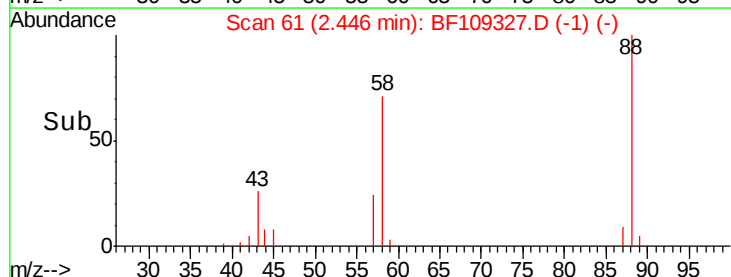
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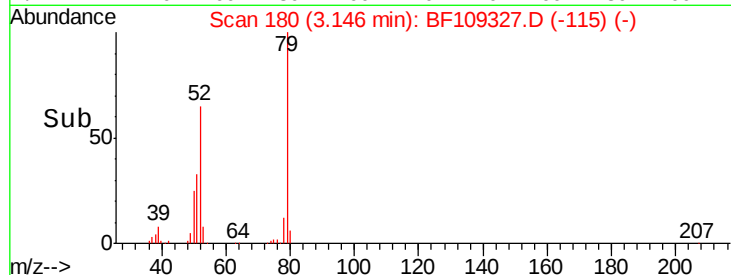
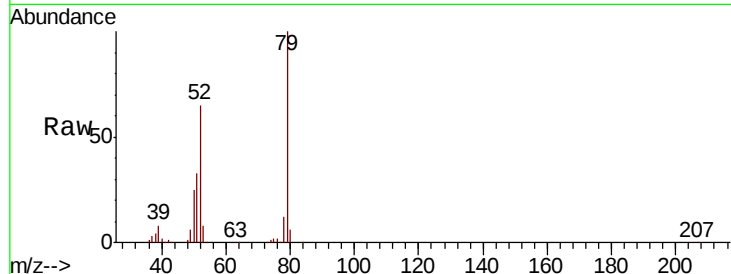
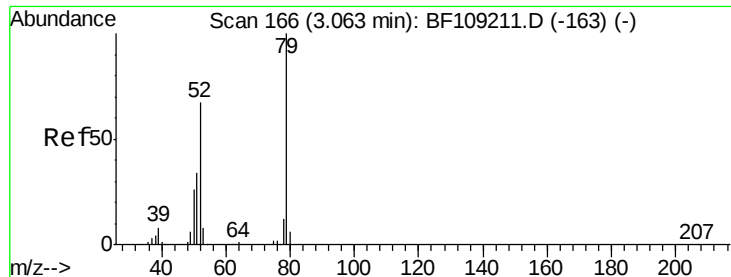
1,4-Dioxane
 Concen: 29.701 ng
 RT: 2.45 min Scan# 61
 Delta R.T. 0.08 min
 Lab File: BF109327.D
 Acq: 26 Sep 2018 10:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.2	62.6	93.8
43	29.9	24.6	37.0



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

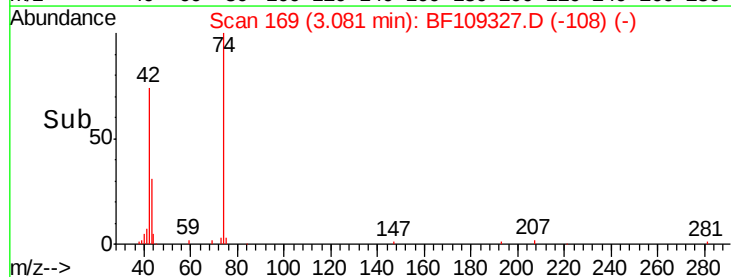
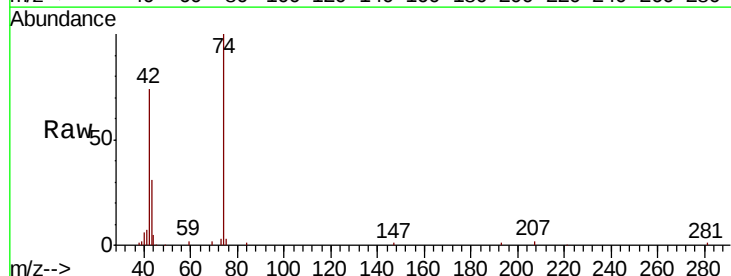
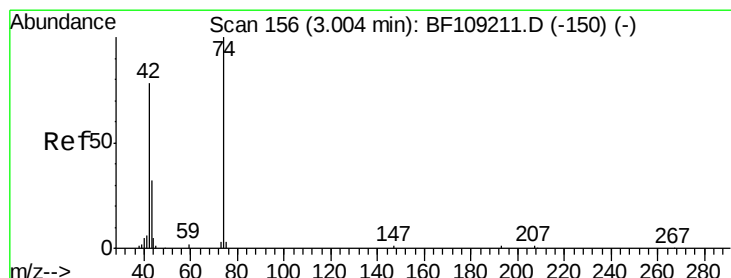
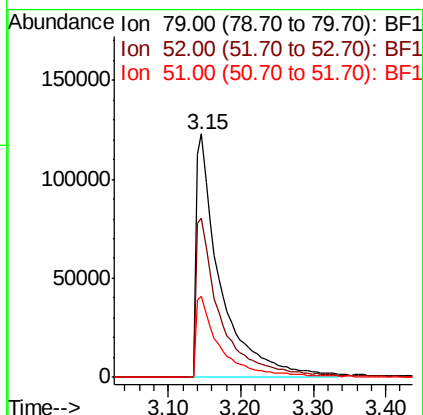




#3
 Pvridine
 Concen: 33.159 ng
 RT: 3.15 min Scan# 180
 Delta R.T. 0.08 min
 Lab File: BF109327.D
 Acq: 26 Sep 2018 10:00

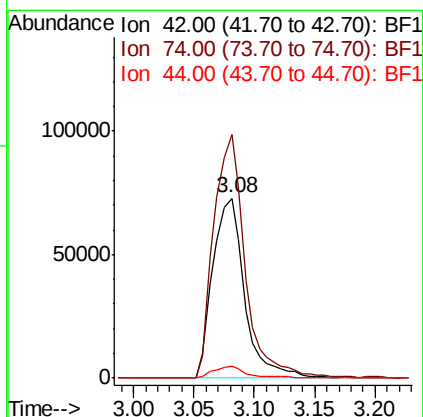
Instrument :
 BNA_F
 ClientSampleId :

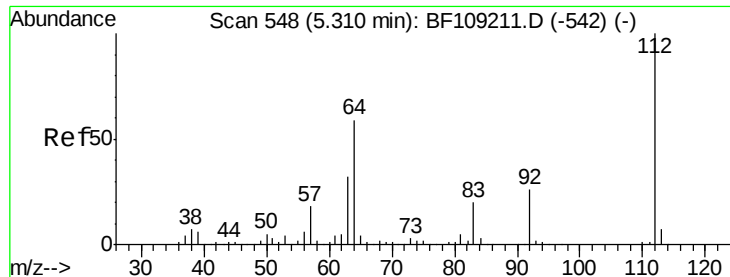
Tot Ion	Ratio	Lower	Upper
79	100		
52	65.2	59.8	89.6
51	33.2	29.8	44.8



#4
 n-Nitrosodimethylamine
 Concen: 36.287 ng
 RT: 3.08 min Scan# 169
 Delta R.T. 0.06 min
 Lab File: BF109327.D
 Acq: 26 Sep 2018 10:00

Tgt Ion	Ratio	Lower	Upper
42	100		
74	135.2	104.9	157.3
44	6.5	6.9	10.3#





#5

2-Fluorophenol

Concen: 70.704 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF109327.D

Acq: 26 Sep 2018 10:00

Instrument :

BNA_F

ClientSampleId :

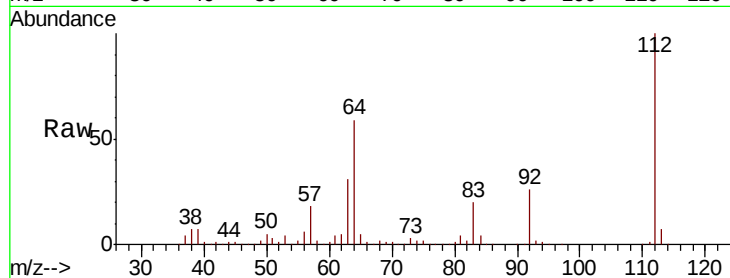
Tot Ion: 112 Resp: 513210

Ion Ratio Lower Upper

112 100

64 59.0 47.9 71.9

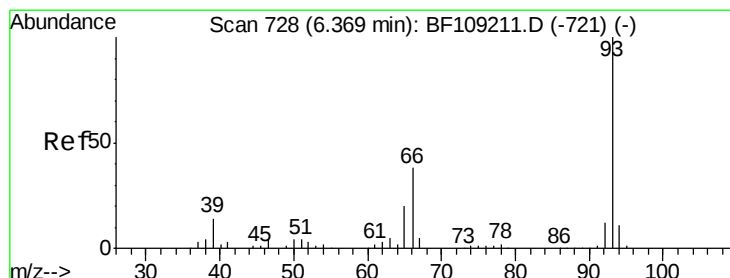
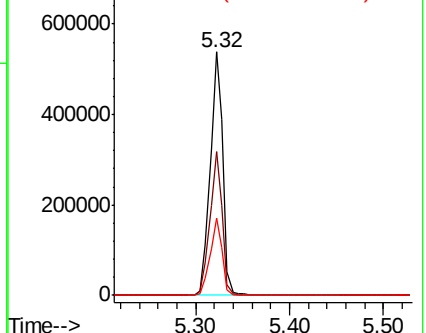
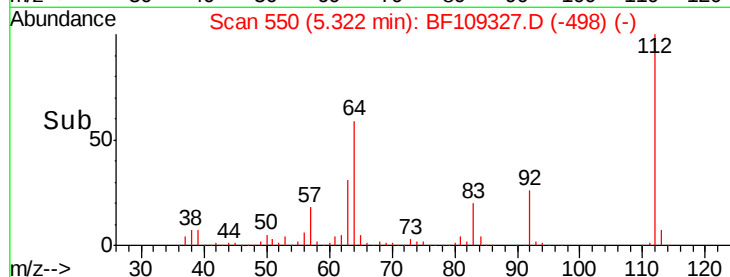
63 31.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.772 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF109327.D

Acq: 26 Sep 2018 10:00

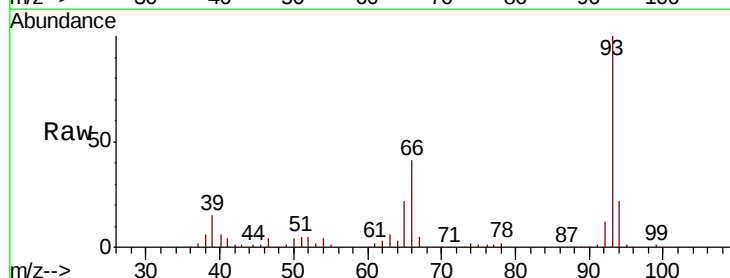
Tgt Ion: 93 Resp: 258004

Ion Ratio Lower Upper

93 100

66 41.2 32.2 48.2

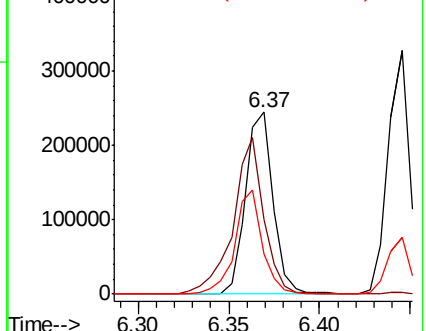
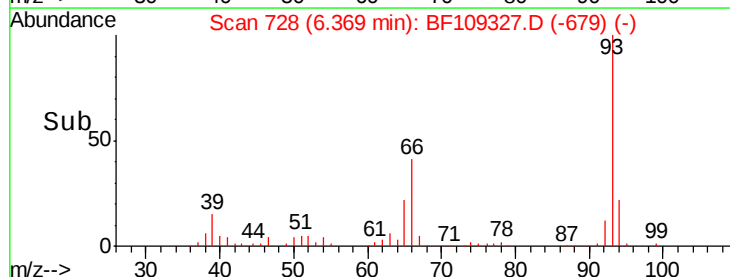
65 22.0 16.4 24.6

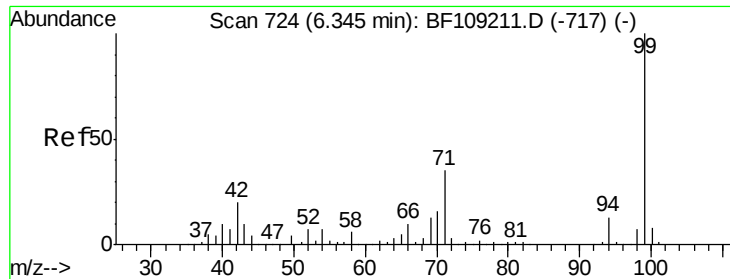


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 71.520 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109327.D

Acq: 26 Sep 2018 10:00

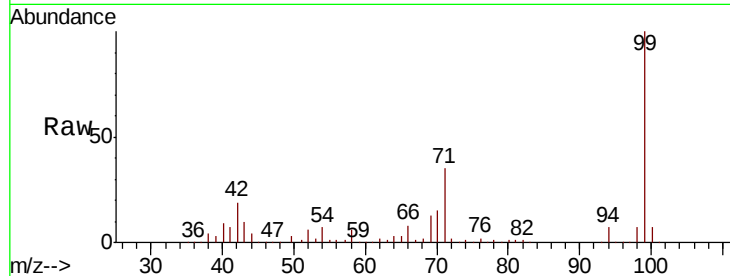
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 662437

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	35.0	25.4	38.0

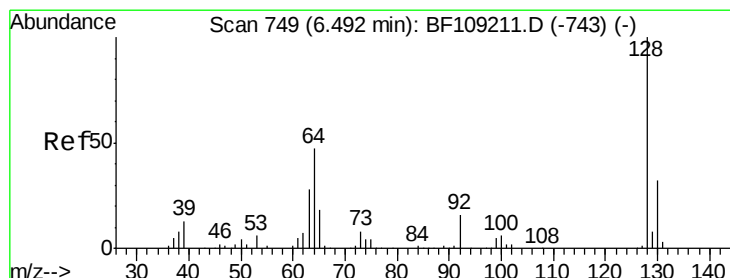
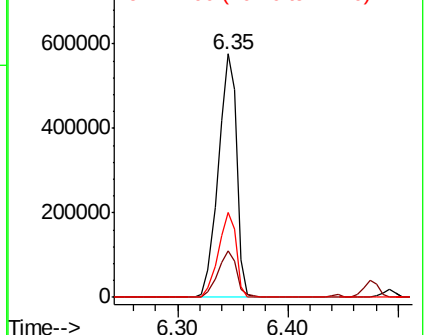
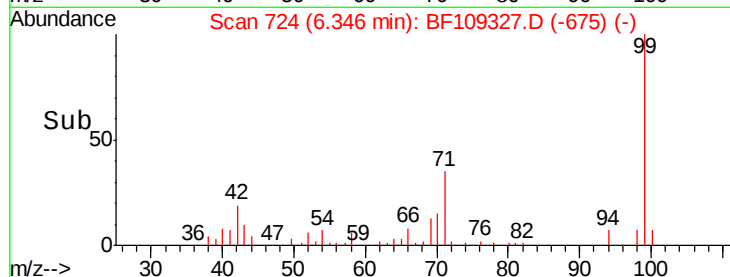


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 35.560 ng

RT: 6.49 min Scan# 749

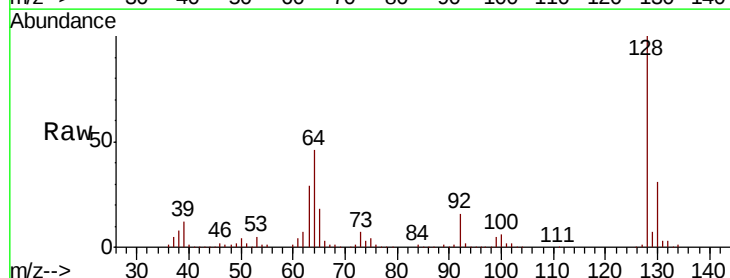
Delta R.T. -0.01 min

Lab File: BF109327.D

Acq: 26 Sep 2018 10:00

Tgt Ion: 128 Resp: 287037

Ion	Ratio	Lower	Upper
128	100		
130	31.2	13.0	53.0
64	45.7	29.4	69.4

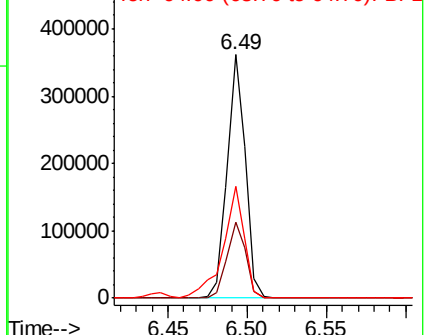
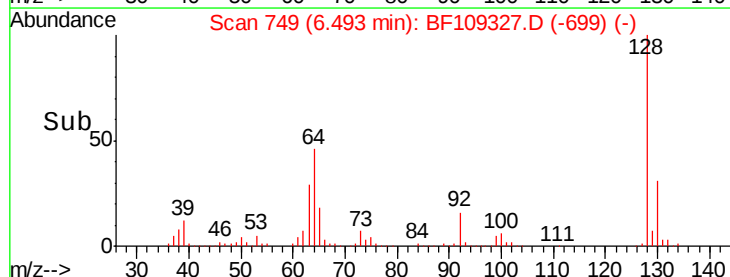


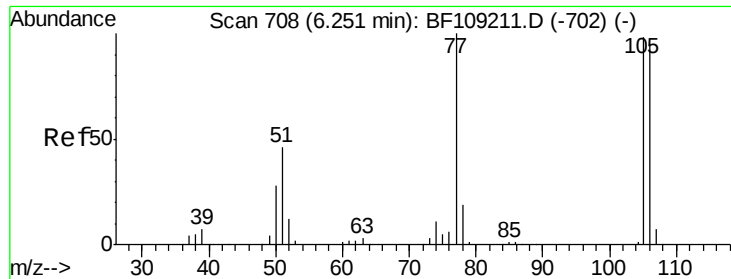
Abundance

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: 28.105 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF109327.D

Acq: 26 Sep 2018 10:00

Instrument :

BNA_F

ClientSampled :

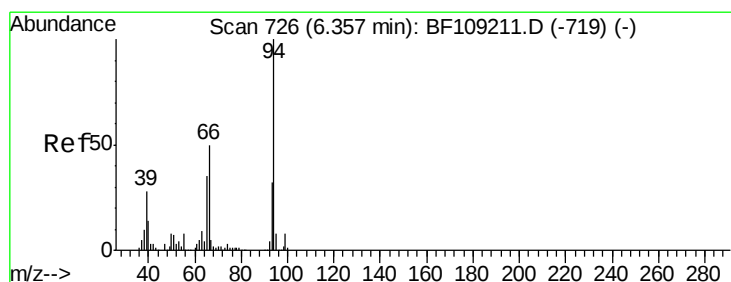
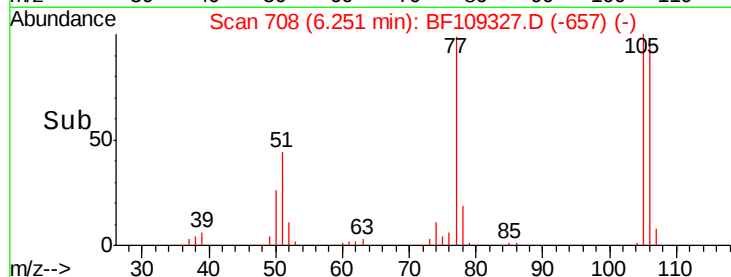
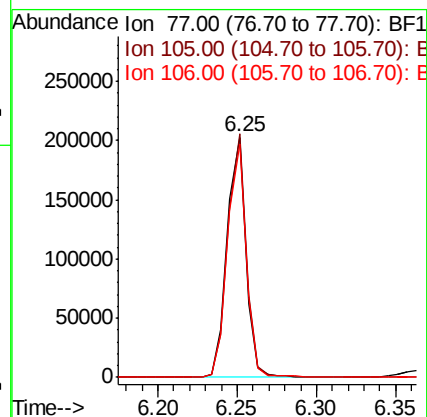
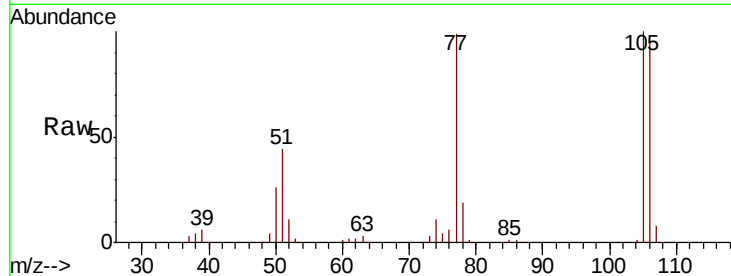
Tot Ion: 77 Resp: 167229

Ion Ratio Lower Upper

77 100

105 101.3 81.1 121.1

106 97.1 74.5 114.5



#10

Phenol

Concen: 33.333 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109327.D

Acq: 26 Sep 2018 10:00

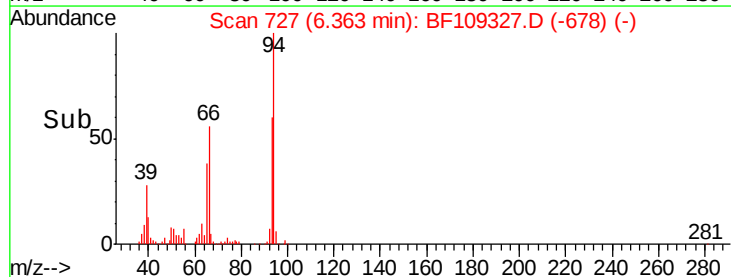
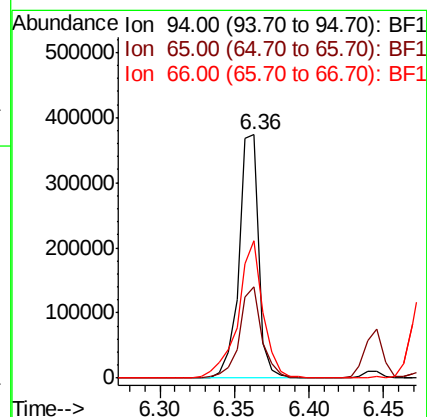
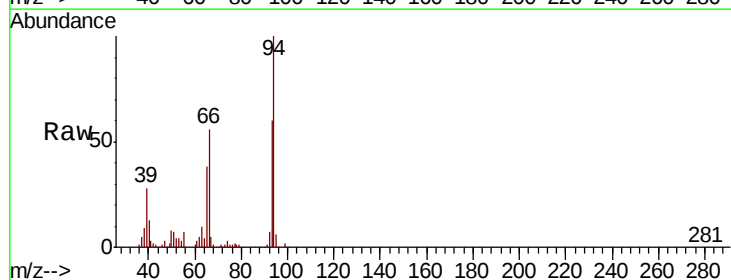
Tgt Ion: 94 Resp: 349639

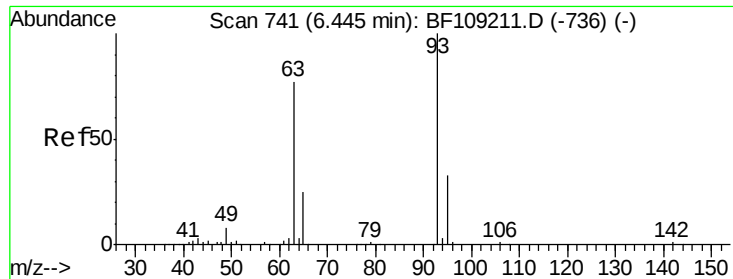
Ion Ratio Lower Upper

94 100

65 37.7 7.9 47.9

66 56.4 16.2 56.2#

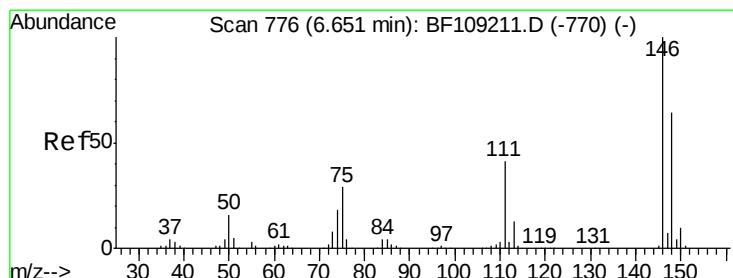
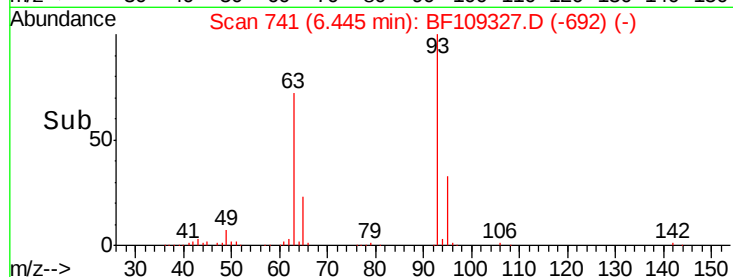
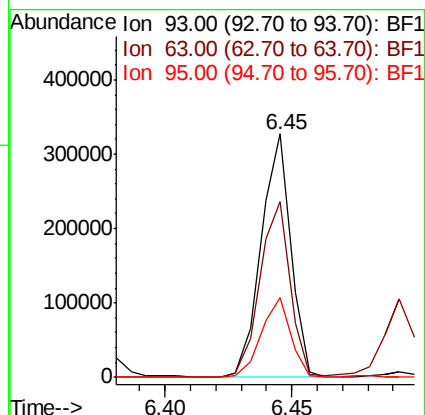
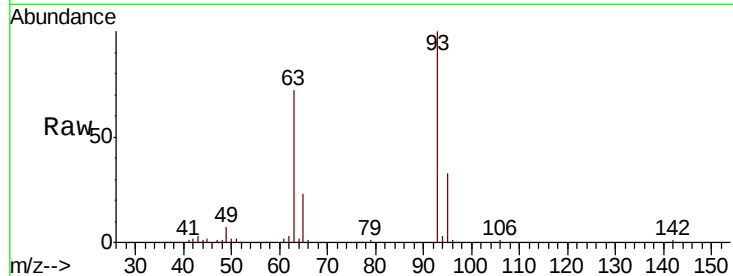




#11
bis(2-Chloroethyl)ether
Concen: 32.413 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF109327.D
Acq: 26 Sep 2018 10:00

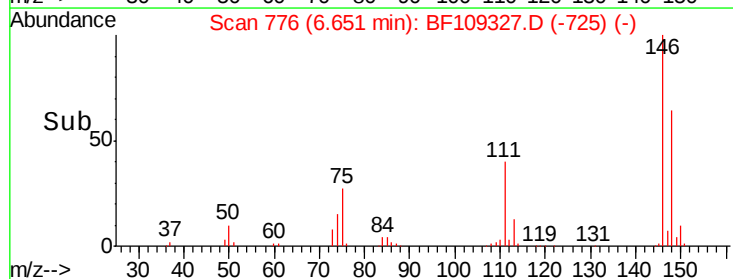
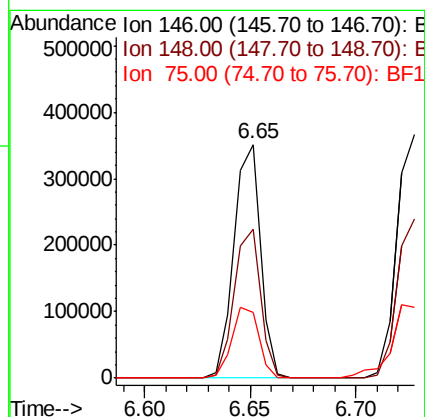
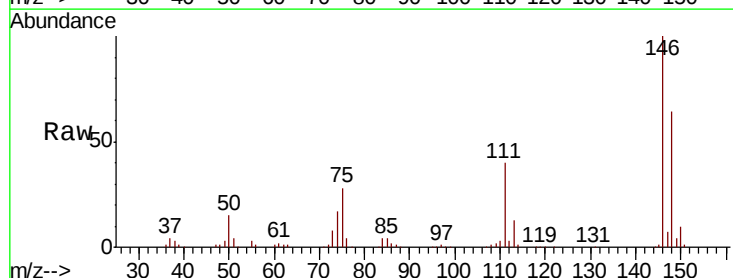
Instrument :
BNA_F
ClientSampleId :

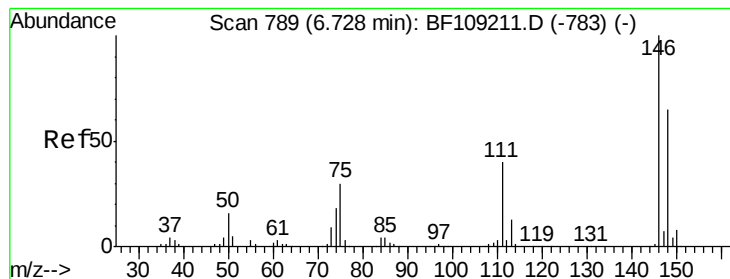
Tot Ion: 93 Resp: 266039
Ion Ratio Lower Upper
93 100
63 72.5 58.6 98.6
95 32.6 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 32.787 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF109327.D
Acq: 26 Sep 2018 10:00

Tgt Ion: 146 Resp: 304706
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.8
75 28.0 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 32.560 ng

RT: 6.73 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF109327.D

Acq: 26 Sep 2018 10:00

Instrument :

BNA_F

ClientSampled :

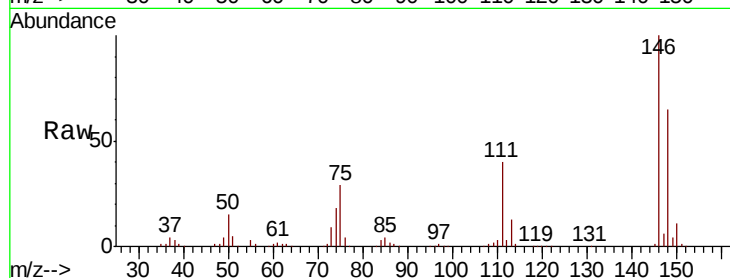
Tot Ion:146 Resp: 304857

Ion Ratio Lower Upper

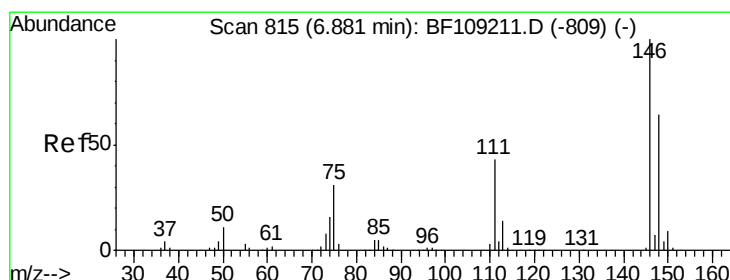
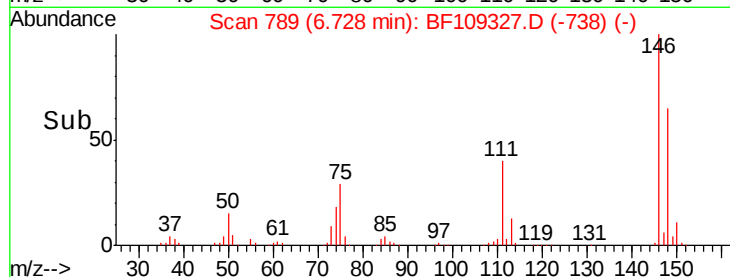
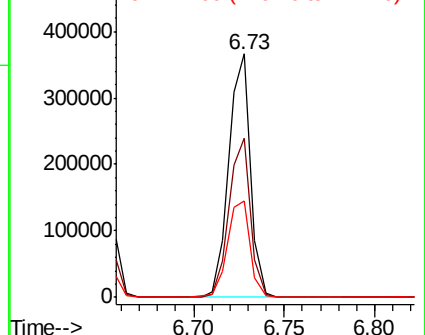
146 100

148 65.5 50.8 76.2

111 39.7 34.2 51.2



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



#14

1,2-Dichlorobenzene

Concen: 33.121 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF109327.D

Acq: 26 Sep 2018 10:00

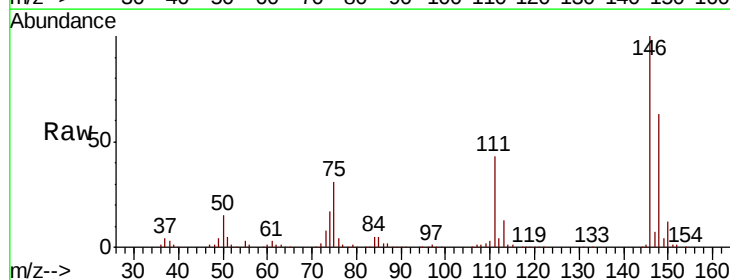
Tgt Ion:146 Resp: 286070

Ion Ratio Lower Upper

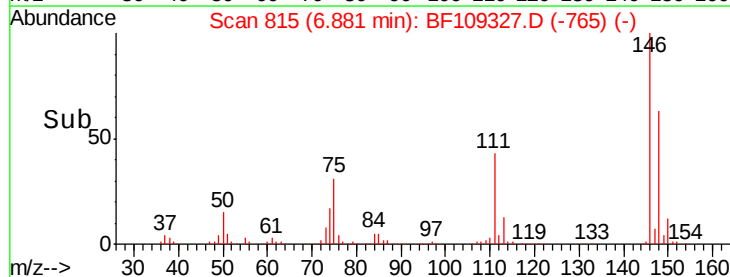
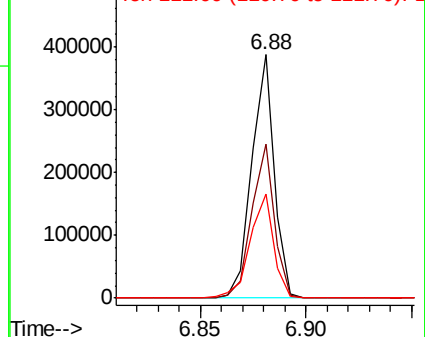
146 100

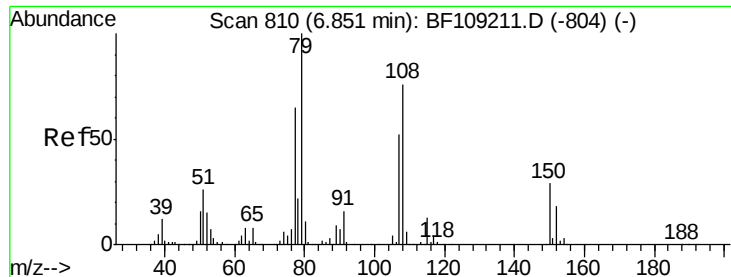
148 63.5 50.6 75.8

111 42.7 36.0 54.0



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

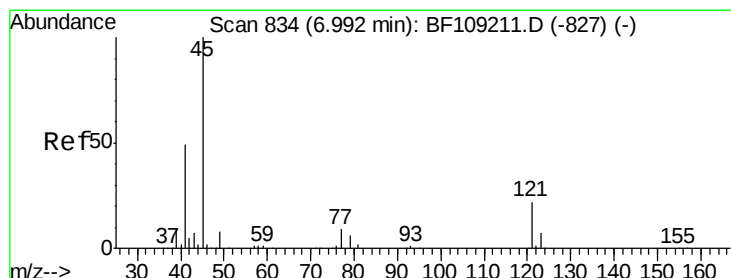
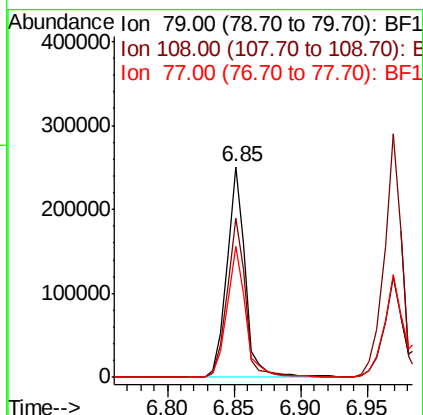
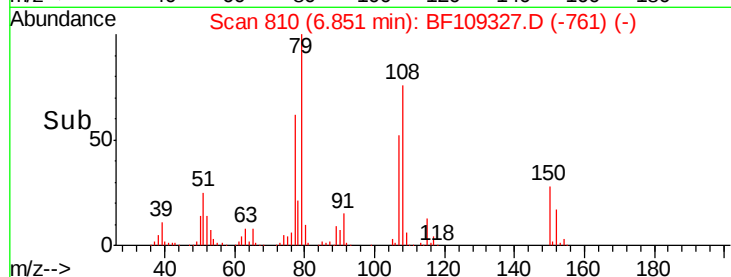
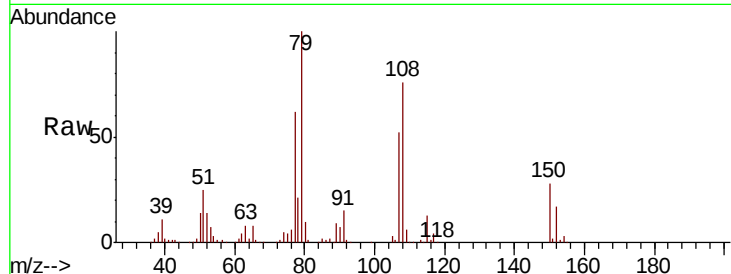




#15
Benzyl Alcohol
Concen: 34.441 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF109327.D
Acq: 26 Sep 2018 10:00

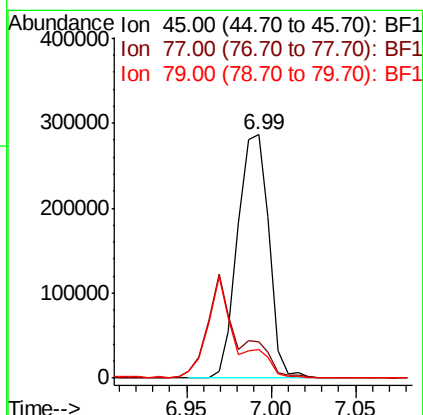
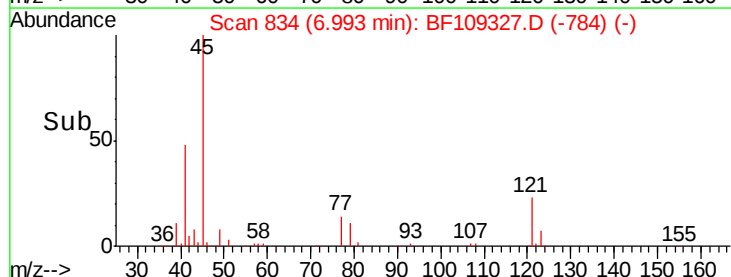
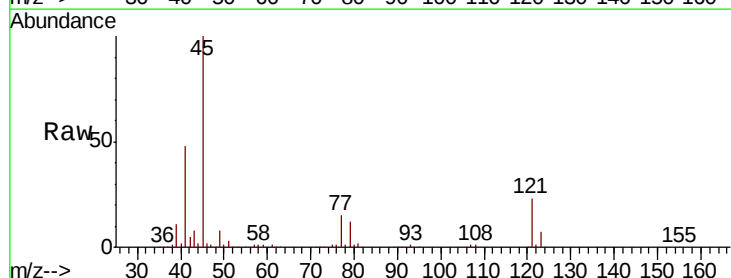
Instrument :
BNA_F
ClientSampleId :

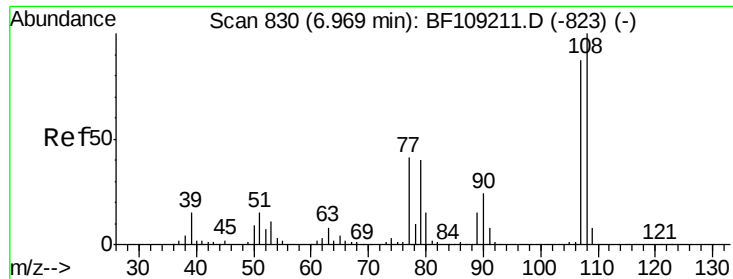
Tot Ion: 79 Resp: 244178
Ion Ratio Lower Upper
79 100
108 75.7 65.1 97.7
77 62.5 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.835 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF109327.D
Acq: 26 Sep 2018 10:00

Tgt Ion: 45 Resp: 370626
Ion Ratio Lower Upper
45 100
77 15.1 0.0 32.9
79 11.9 0.0 29.6

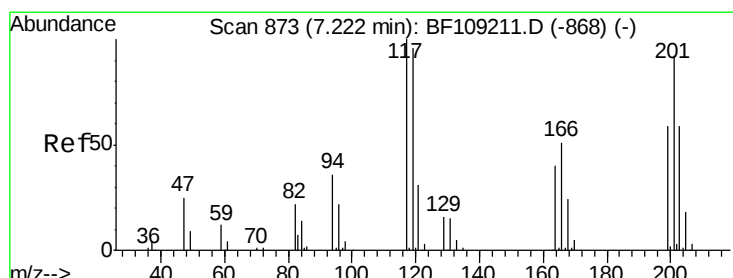
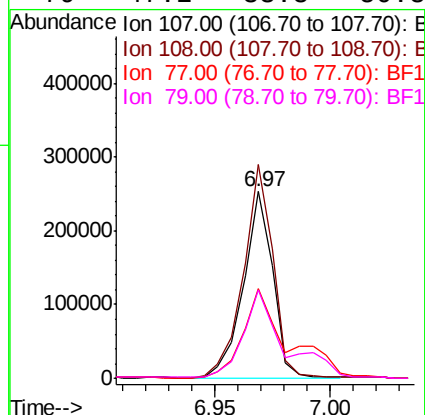
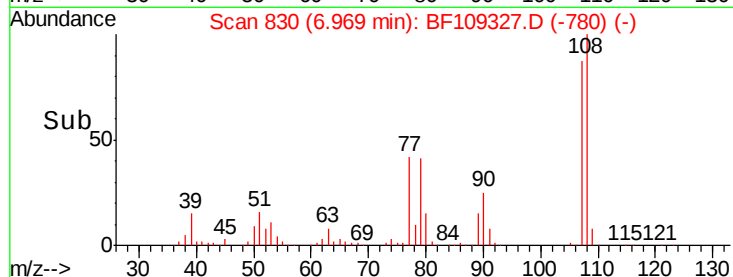
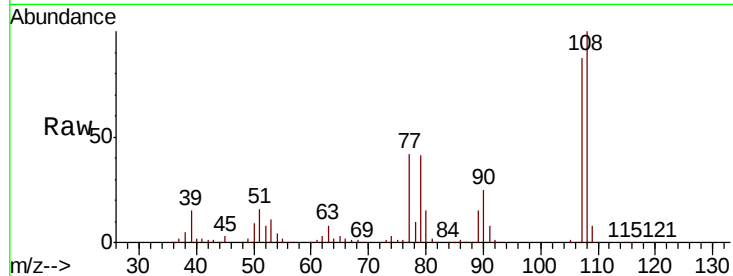




#17
2-Methylphenol
Concen: 34.422 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF109327.D
Acq: 26 Sep 2018 10:00

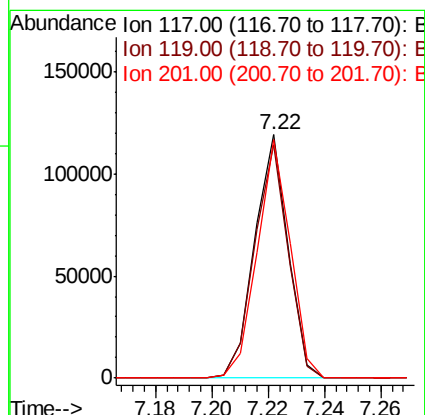
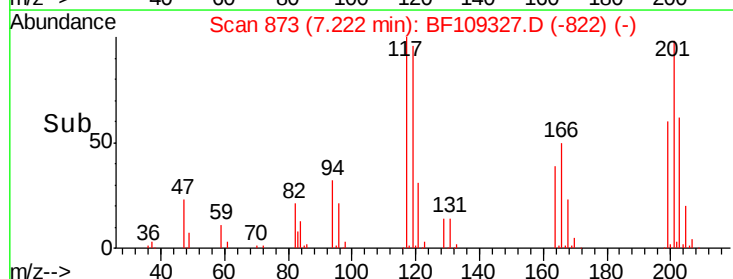
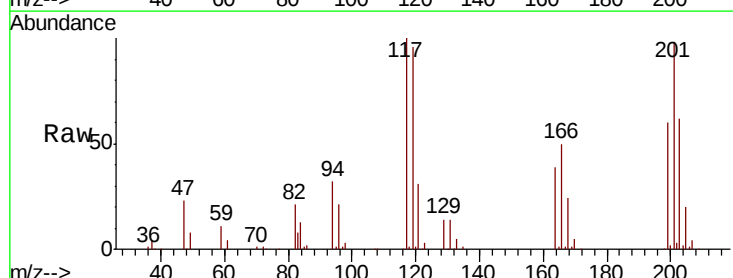
Instrument :
BNA_F
ClientSampleId :

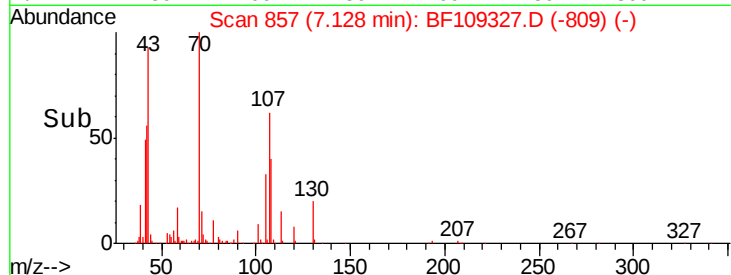
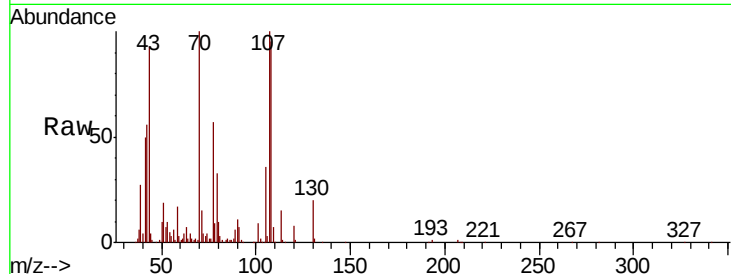
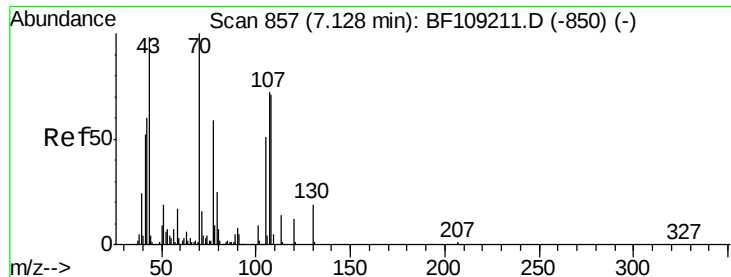
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.7	137.5
77	48.1	33.8	50.8
79	47.2	33.8	50.8



#18
Hexachloroethane
Concen: 29.623 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF109327.D
Acq: 26 Sep 2018 10:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.8	113.8
201	98.1	75.7	113.5

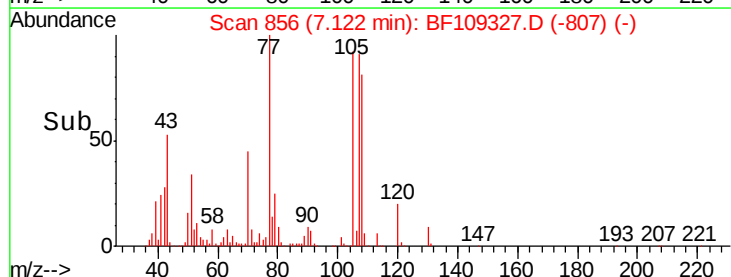
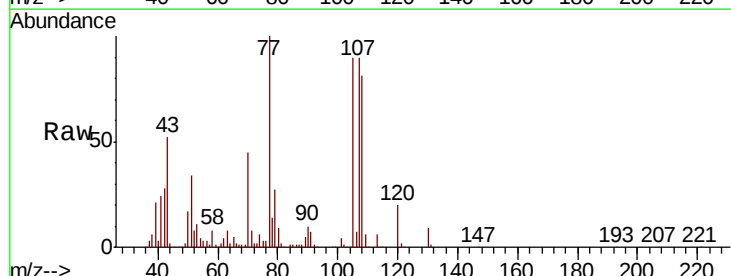
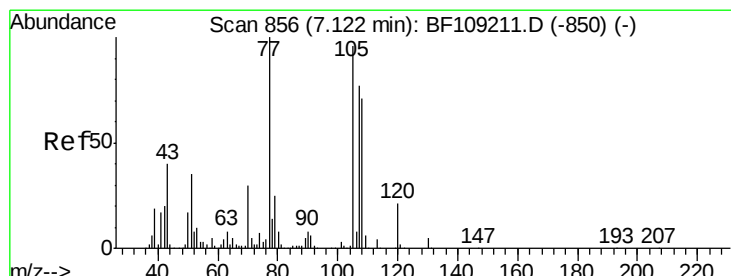
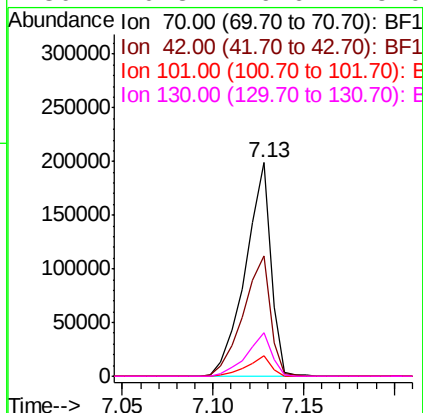




#19
n-Nitroso-di-n-propylamine
Concen: 31.973 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF109327.D
Acq: 26 Sep 2018 10:00

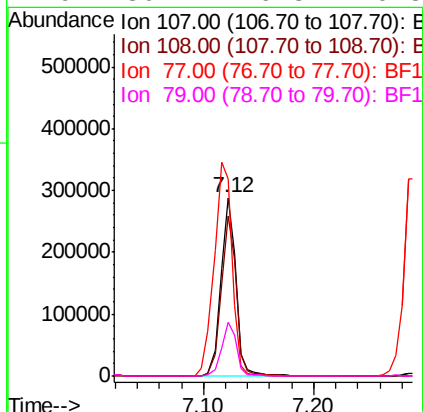
Instrument :
BNA_F
ClientSampleId :

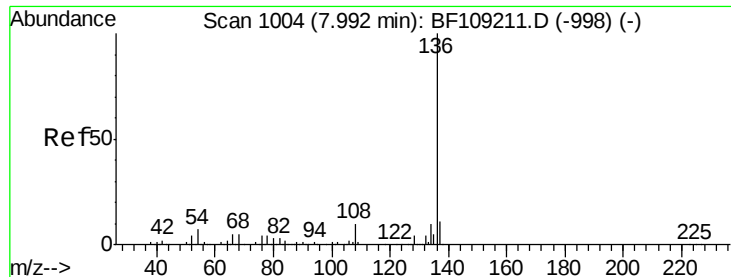
Tot Ion	70	Resp	194048
Ion	Ratio	Lower	Upper
70	100		
42	56.1	47.5	71.3
101	9.3	7.4	11.2
130	20.3	16.6	25.0



#20
3+4-Methylphenols
Concen: 34.678 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109327.D
Acq: 26 Sep 2018 10:00

Tgt Ion	107	Resp	273448
Ion	Ratio	Lower	Upper
107	100		
108	89.8	68.2	108.2
77	110.8	26.7	66.7#
79	30.1	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF109327.D

Acq: 26 Sep 2018 10:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 450653

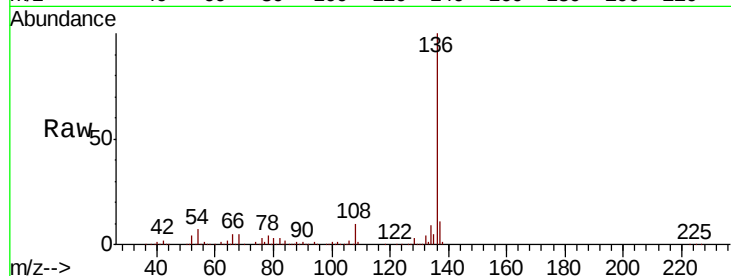
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.8 6.6 9.8

68 5.3 5.0 7.4

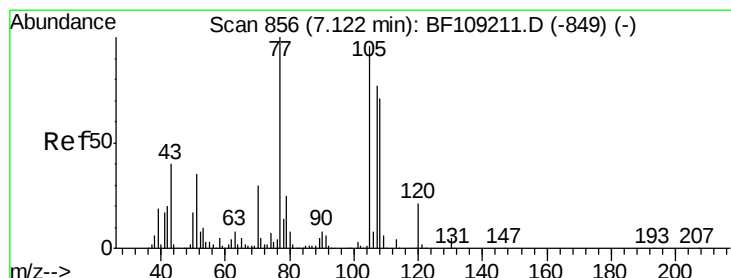
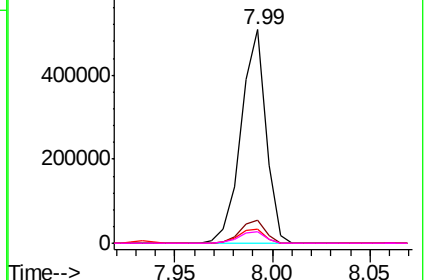
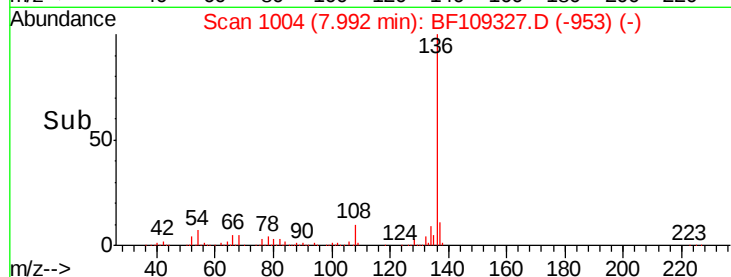


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.668 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF109327.D

Acq: 26 Sep 2018 10:00

Tgt Ion:105 Resp: 382045

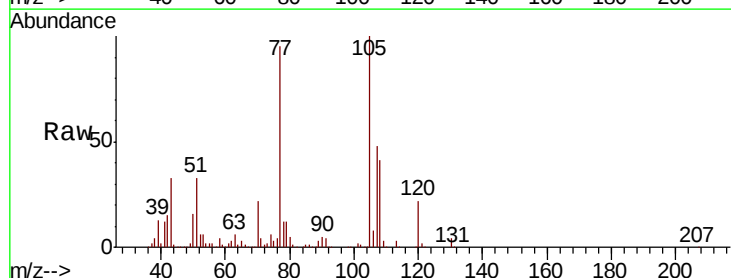
Ion Ratio Lower Upper

105 100

71 3.7 4.4 6.6#

51 33.5 22.3 33.5

120 21.6 16.9 25.3

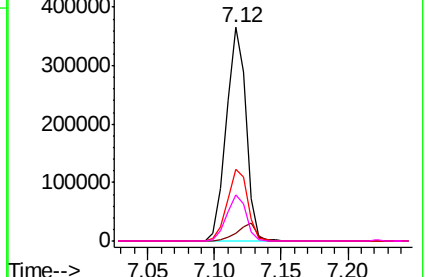
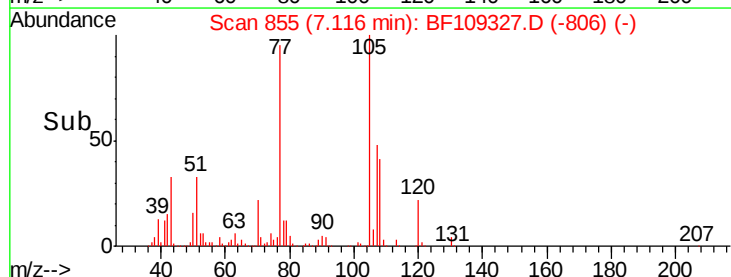


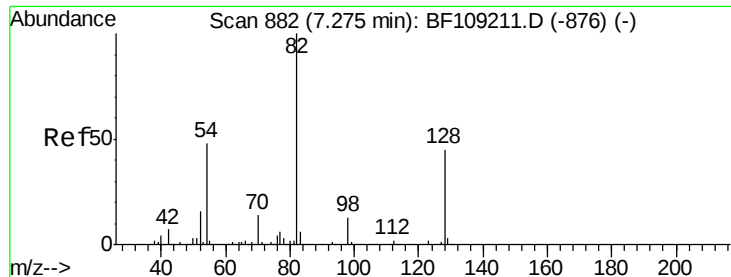
Abundance Ion 105.00 (104.70 to 105.70): E

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

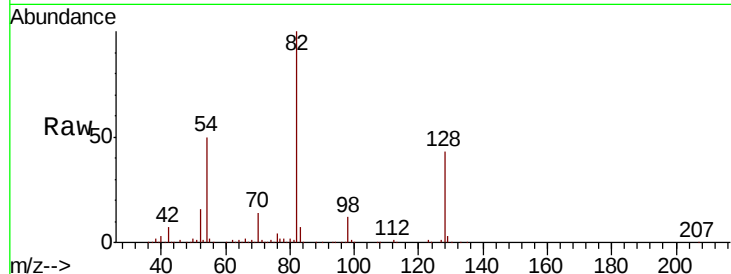




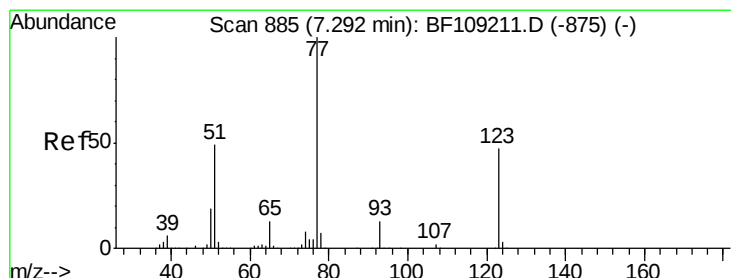
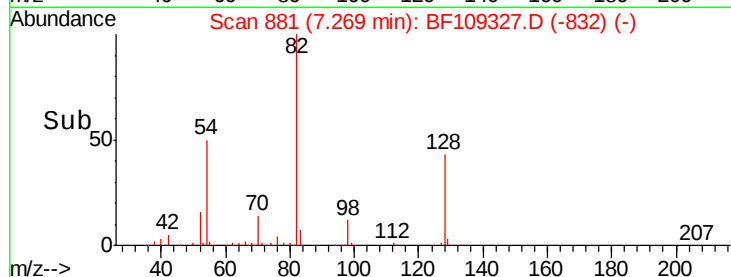
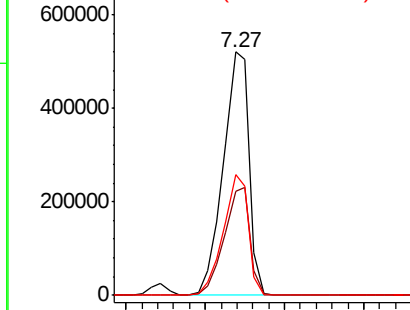
#23
Nitrobenzene-d5
Concen: 77.034 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109327.D
Acq: 26 Sep 2018 10:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	588088
Ion	Ratio	Lower	Upper
82	100		
128	42.9	36.1	54.1
54	49.7	41.4	62.2

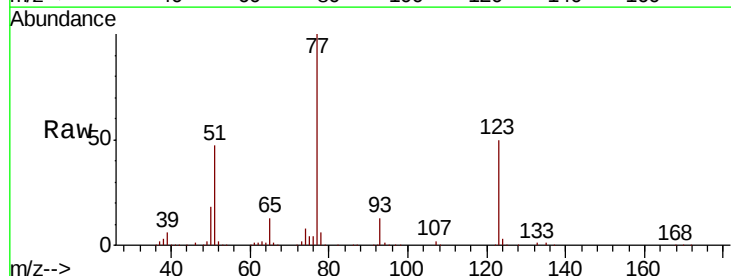


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

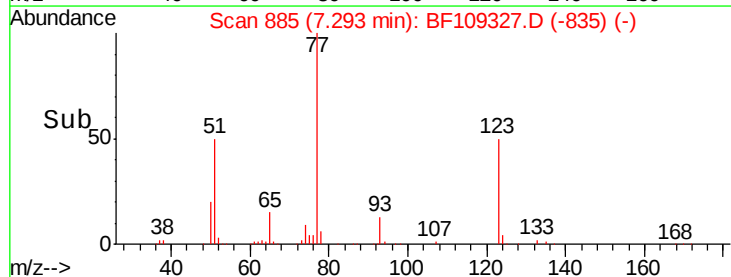
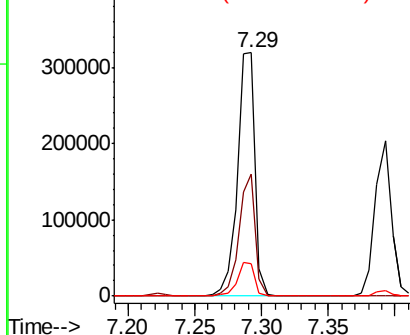


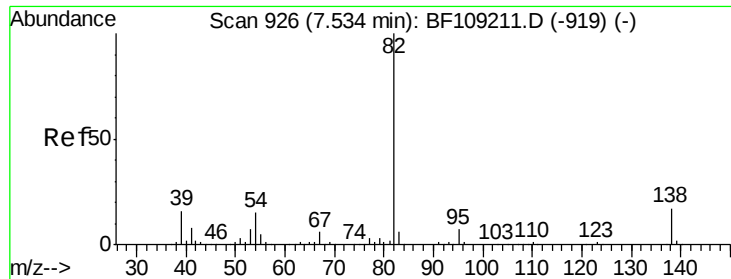
#24
Nitrobenzene
Concen: 36.463 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF109327.D
Acq: 26 Sep 2018 10:00

Tgt Ion	77	Resp	295975
Ion	Ratio	Lower	Upper
77	100		
123	50.3	37.9	56.9
65	13.2	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

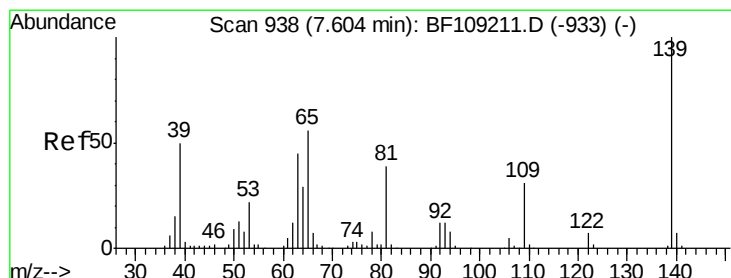
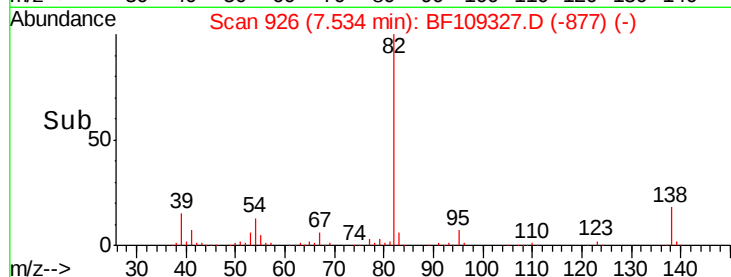
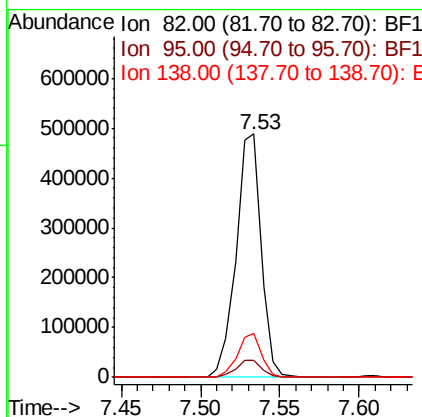
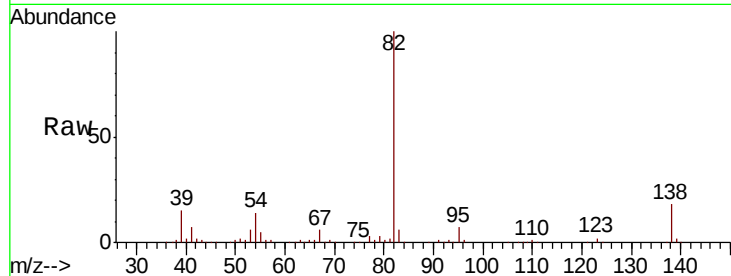




#25
Isophorone
Concen: 38.906 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF109327.D
Acq: 26 Sep 2018 10:00

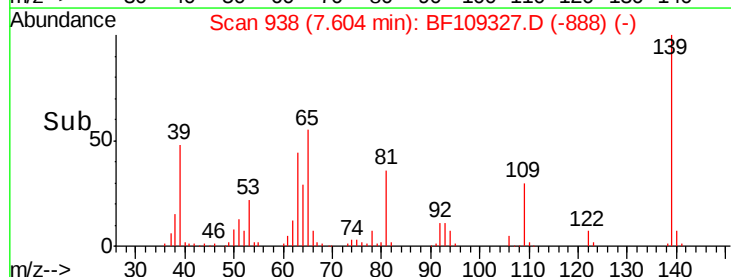
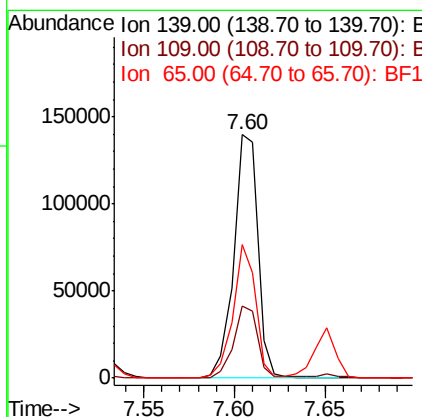
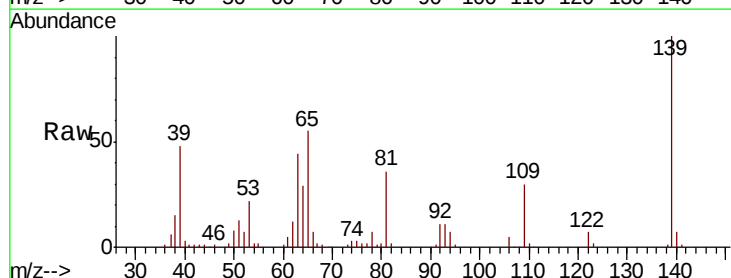
Instrument :
BNA_F
ClientSampleId :

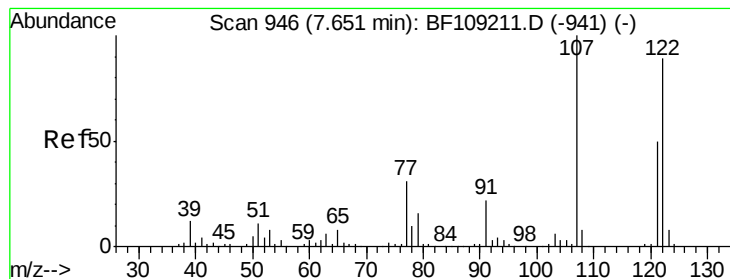
Tot Ion: 82 Resp: 534846
Ion Ratio Lower Upper
82 100
95 6.9 5.2 7.8
138 18.2 14.9 22.3



#26
2-Nitrophenol
Concen: 40.443 ng
RT: 7.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF109327.D
Acq: 26 Sep 2018 10:00

Tgt Ion: 139 Resp: 129826
Ion Ratio Lower Upper
139 100
109 29.8 22.7 34.1
65 54.7 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 41.553 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF109327.D

Acq: 26 Sep 2018 10:00

Instrument :

BNA_F

ClientSampled :

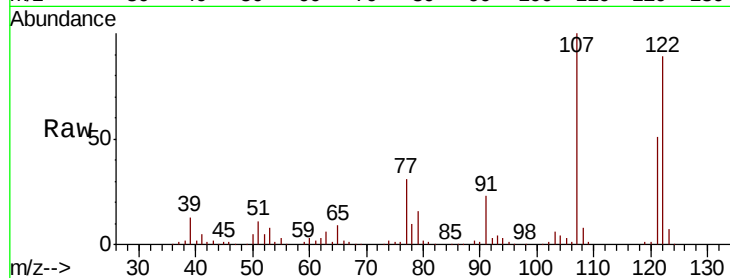
Tot Ion:122 Resp: 248901

Ion Ratio Lower Upper

122 100

107 112.8 91.2 136.8

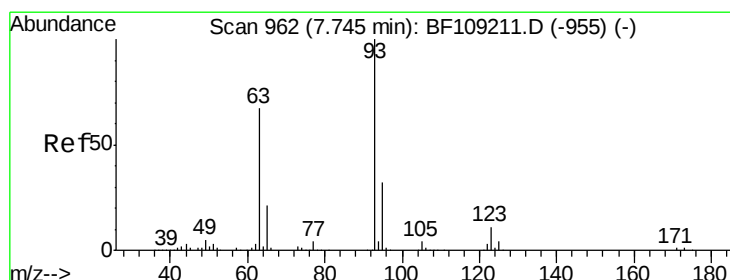
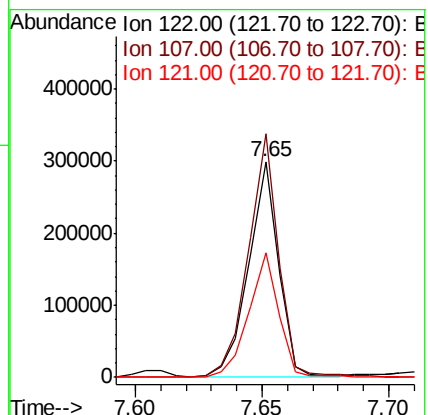
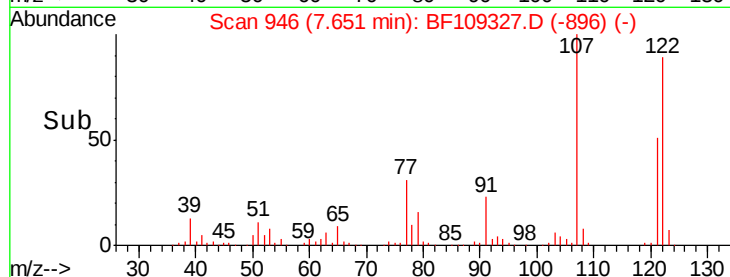
121 58.0 47.2 70.8



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: 36.392 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF109327.D

Acq: 26 Sep 2018 10:00

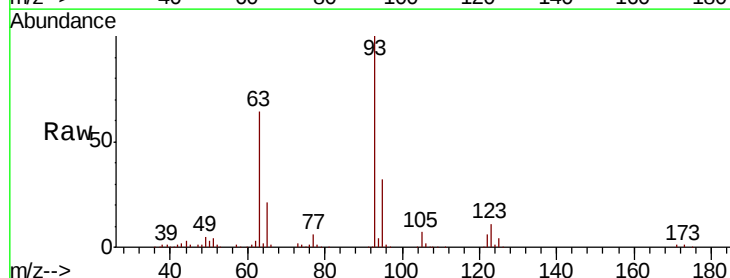
Tgt Ion: 93 Resp: 331166

Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

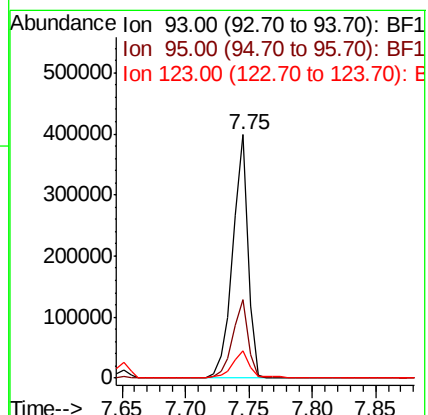
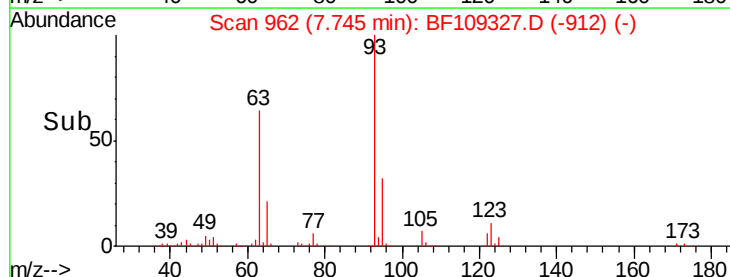
123 11.4 9.8 14.6

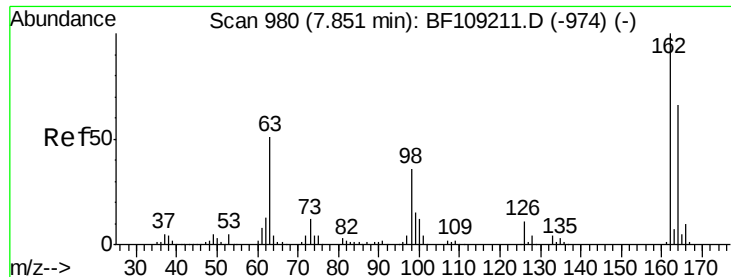


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

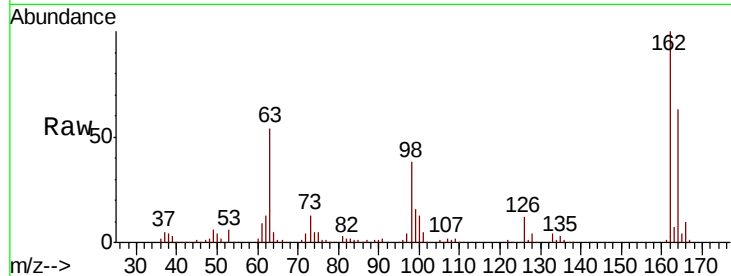




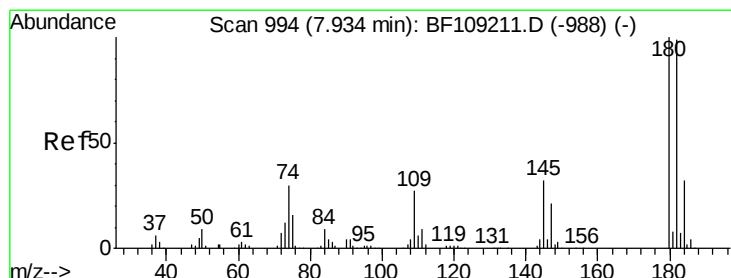
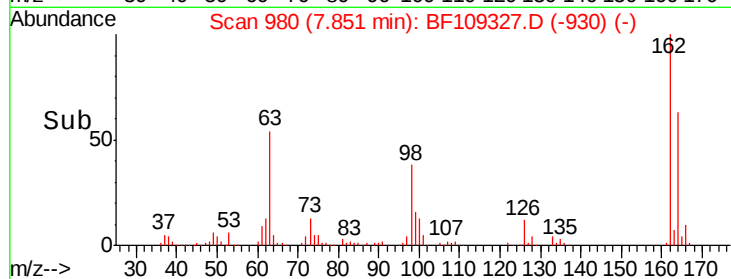
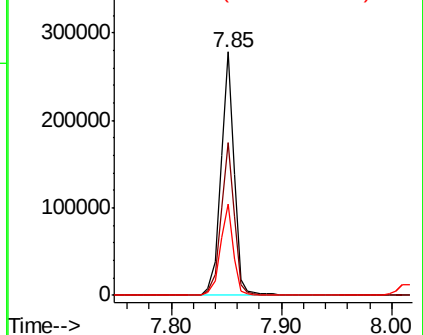
#29
 2,4-Dichlorophenol
 Concen: 37.015 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF109327.D
 Acq: 26 Sep 2018 10:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.7	42.7	82.7
98	37.6	18.1	58.1

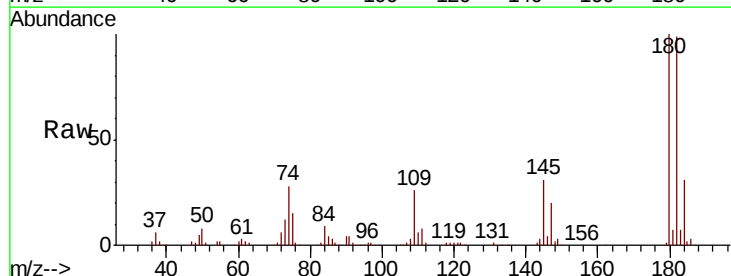


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

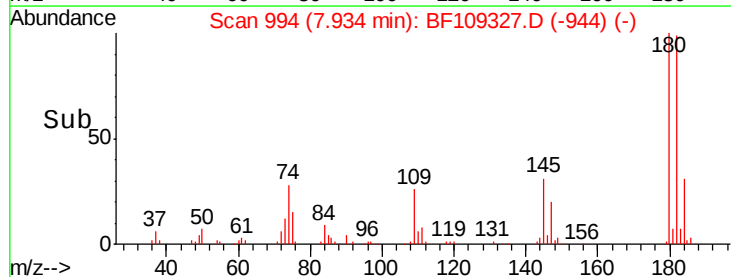
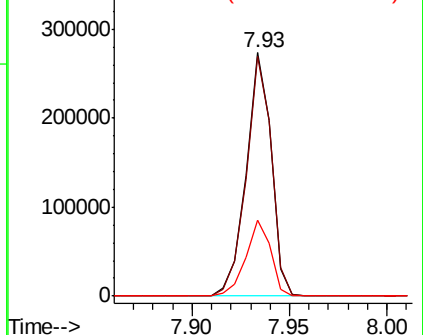


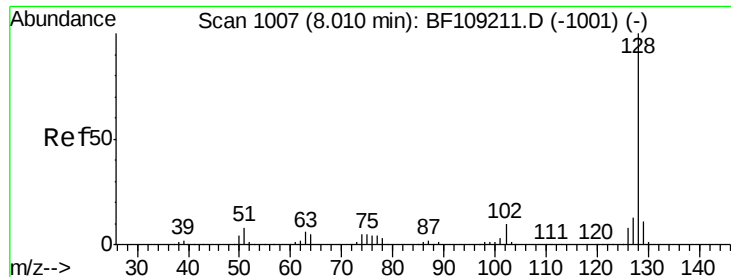
#30
 1,2,4-Trichlorobenzene
 Concen: 34.564 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF109327.D
 Acq: 26 Sep 2018 10:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.7	76.8	115.2
145	31.4	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

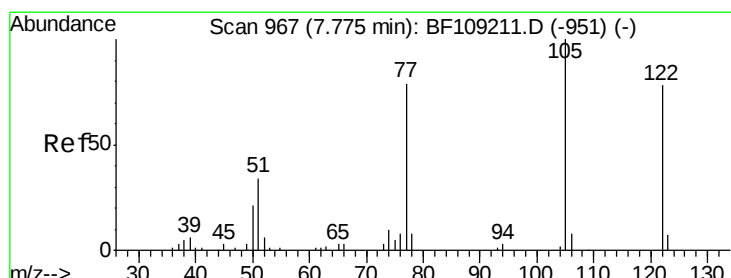
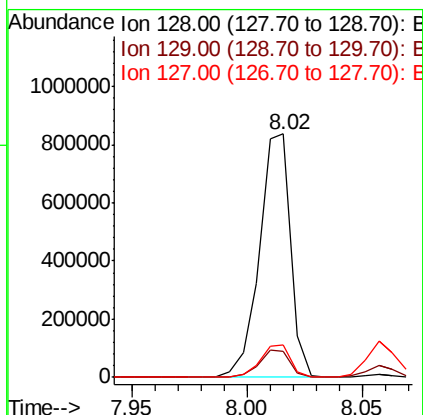
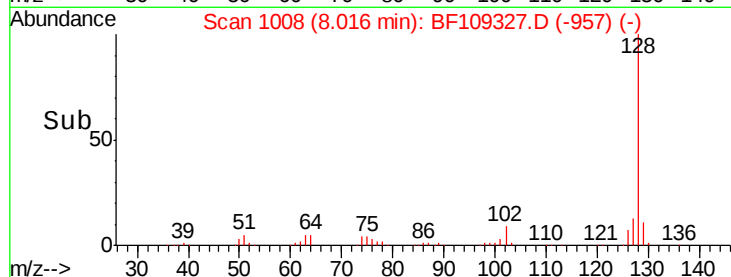
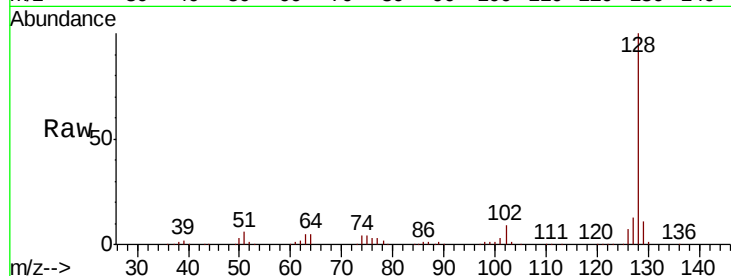




#31
Naphthalene
Concen: 37.475 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF109327.D
Acq: 26 Sep 2018 10:00

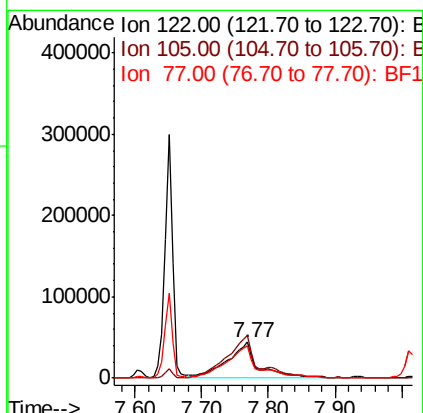
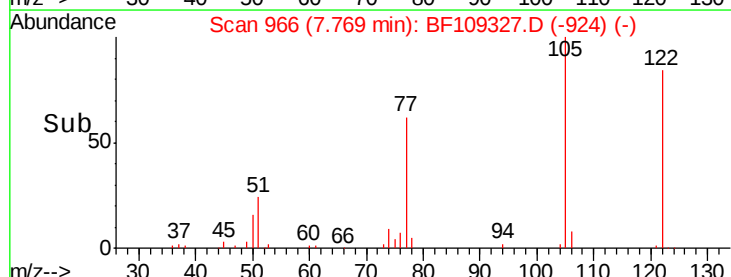
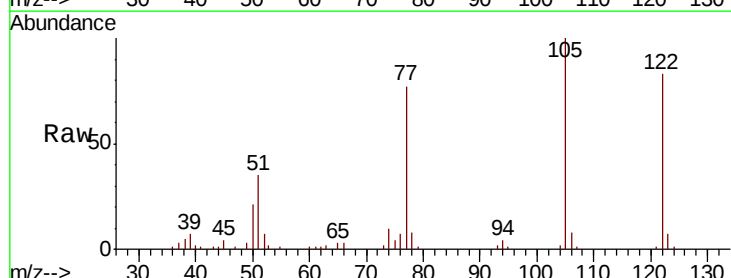
Instrument :
BNA_F
ClientSampleId :

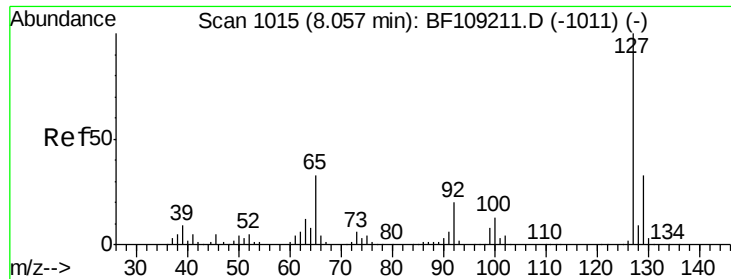
Tot Ion:128 Resp: 789176
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.1 10.9 16.3



#32
Benzoic acid
Concen: 36.236 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.05 min
Lab File: BF109327.D
Acq: 26 Sep 2018 10:00

Tgt Ion:122 Resp: 139597
Ion Ratio Lower Upper
122 100
105 120.5 101.1 141.1
77 92.4 70.7 110.7

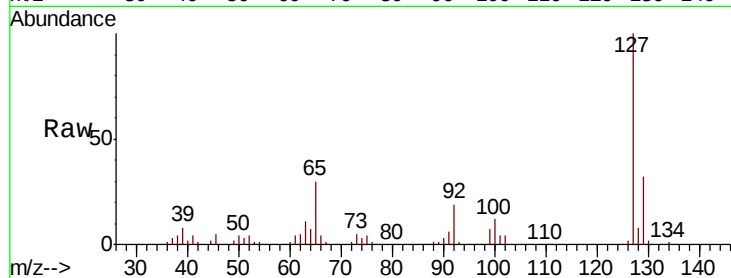




#33
4-Chloroaniline
Concen: 13.199 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF109327.D
Acq: 26 Sep 2018 10:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	121430
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	30.4	25.0	37.4
92	19.0	15.2	22.8



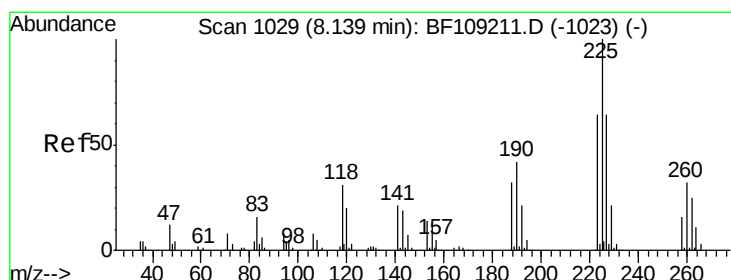
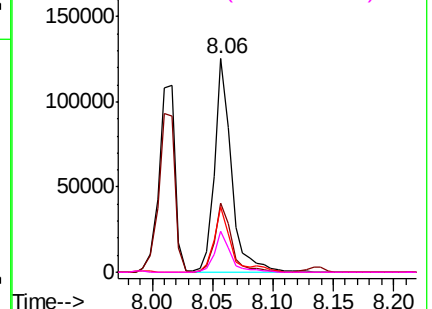
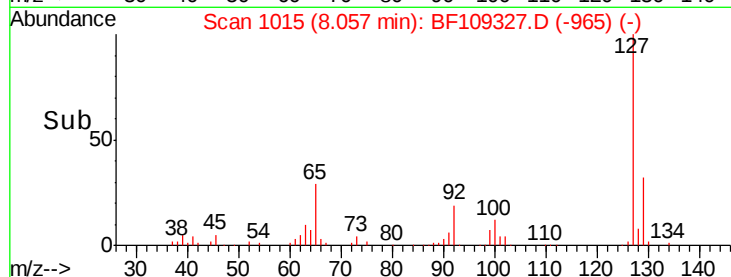
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

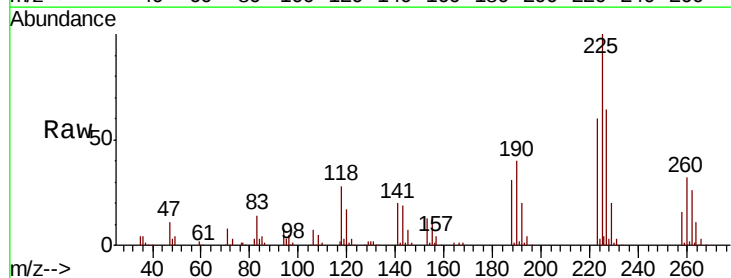
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 33.835 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF109327.D
Acq: 26 Sep 2018 10:00

Tgt Ion:	225	Resp:	143439
Ion	Ratio	Lower	Upper
225	100		
223	59.8	50.6	76.0
227	64.1	51.9	77.9

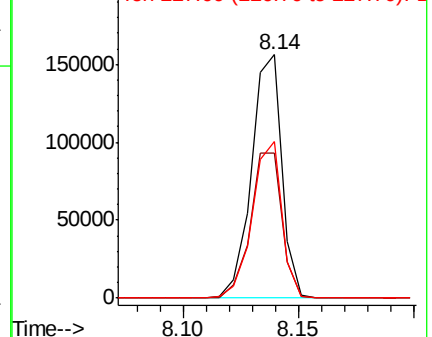
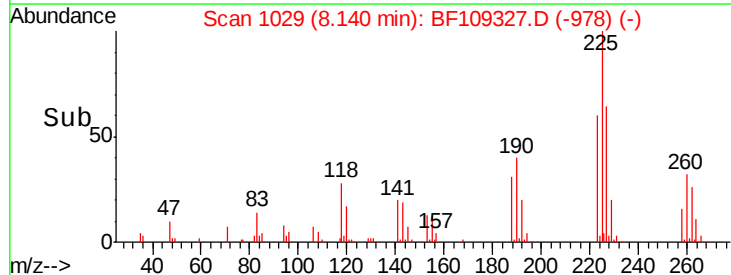


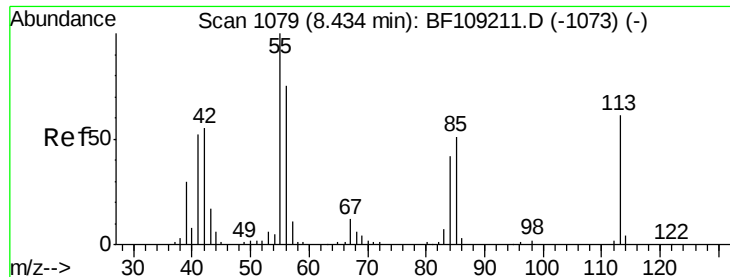
Abundance

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

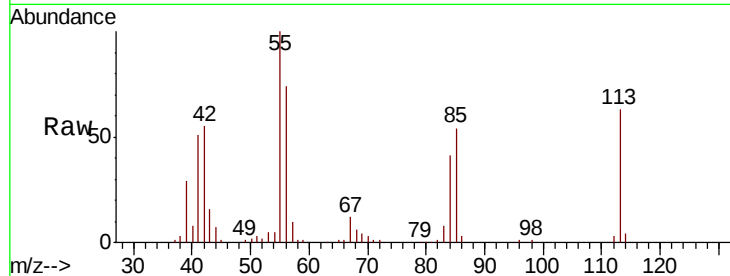




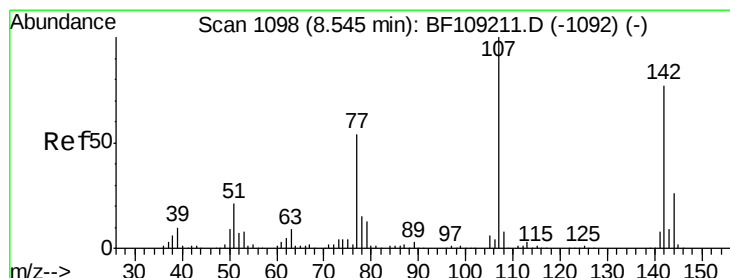
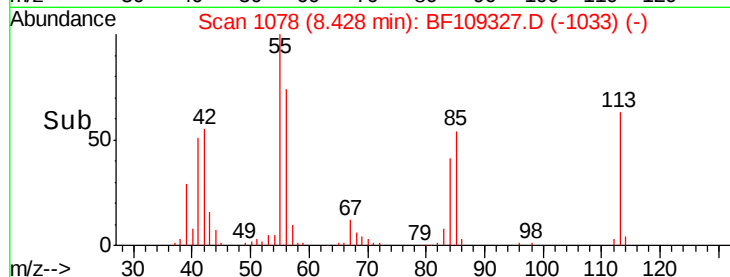
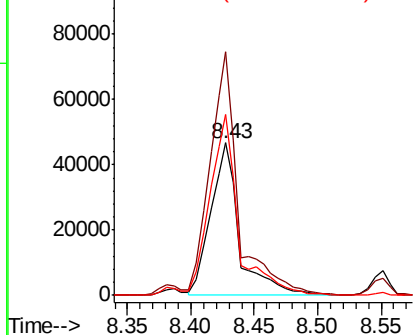
#35
 Caprolactam
 Concen: 36.627 ng
 RT: 8.43 min Scan# 1078
 Delta R.T. -0.04 min
 Lab File: BF109327.D
 Acq: 26 Sep 2018 10:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 73594
 Ion Ratio Lower Upper
 113 100
 55 159.5 163.3 203.3#
 56 118.4 115.7 155.7

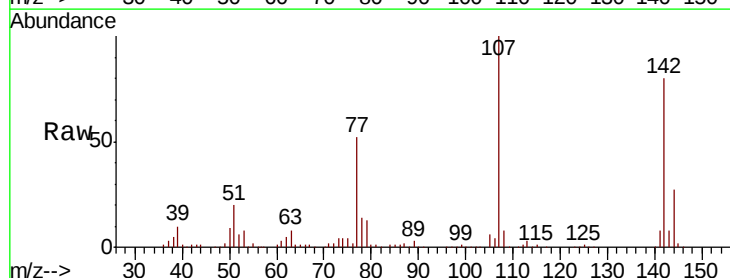


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

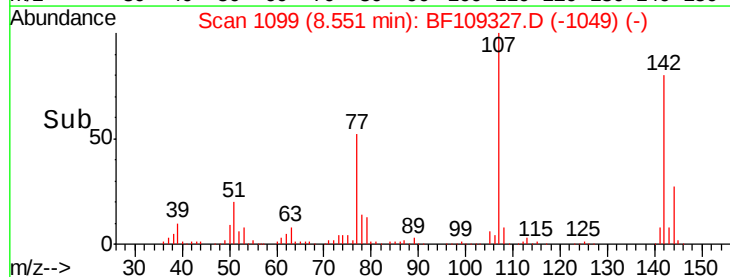
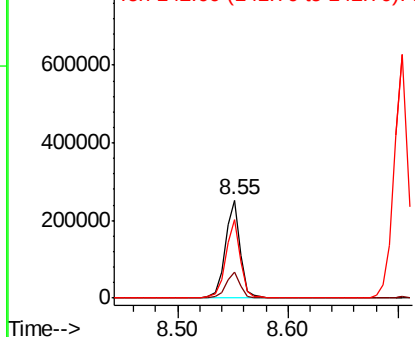


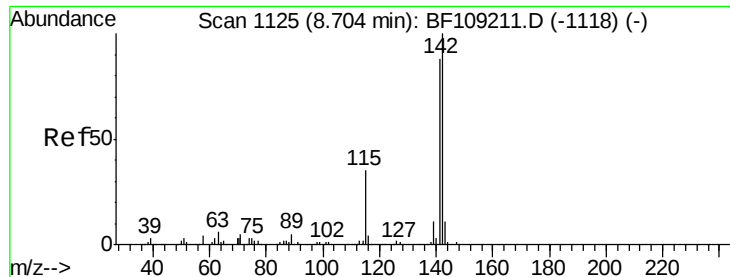
#36
 4-Chloro-3-methylphenol
 Concen: 35.836 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF109327.D
 Acq: 26 Sep 2018 10:00

Tgt Ion:107 Resp: 237320
 Ion Ratio Lower Upper
 107 100
 144 26.8 20.5 30.7
 142 79.8 62.0 93.0



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

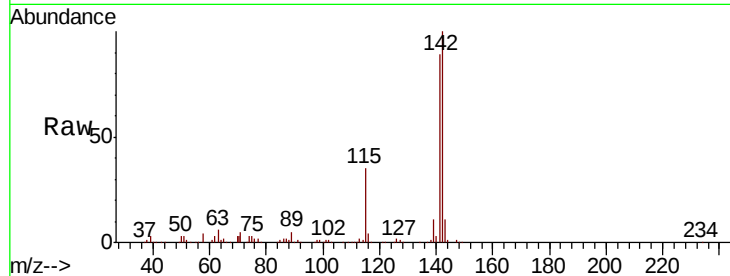




#37
 2-Methylnaphthalene
 Concen: 38.528 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. 0.00 min
 Lab File: BF109327.D
 Acq: 26 Sep 2018 10:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.8	106.2
115	34.9	26.1	39.1

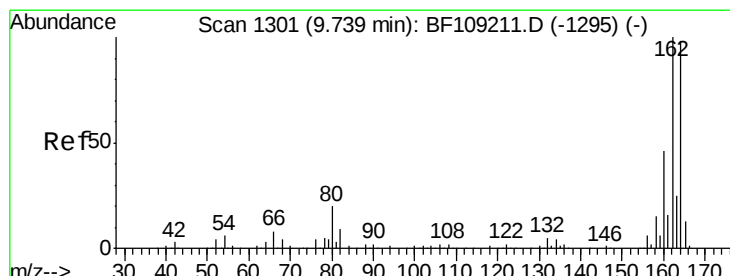
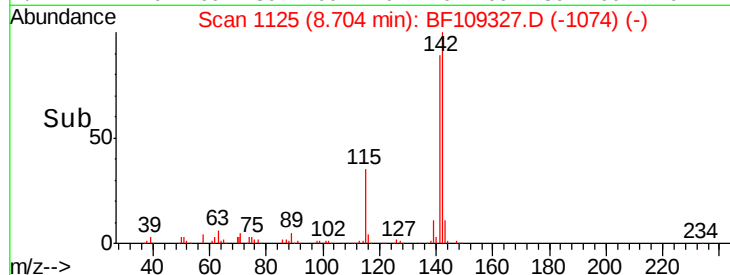
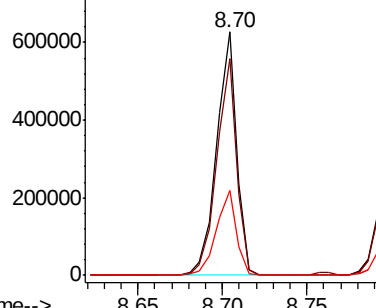


Abundance

Ion 142.00 (141.70 to 142.70): E

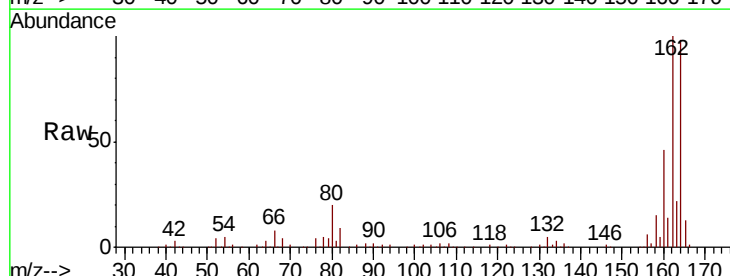
Ion 141.00 (140.70 to 141.70): E

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: BF109327.D
 Acq: 26 Sep 2018 10:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	86.1	129.1
160	47.0	38.3	57.5

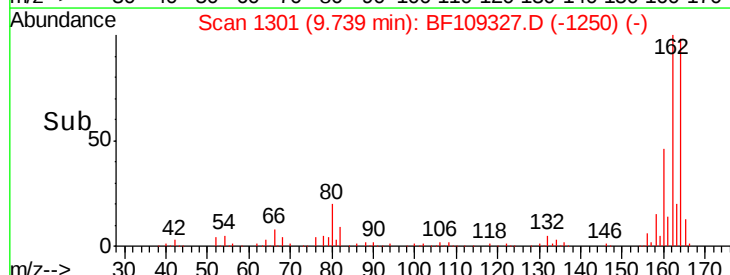
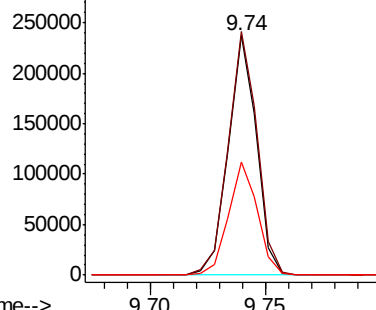


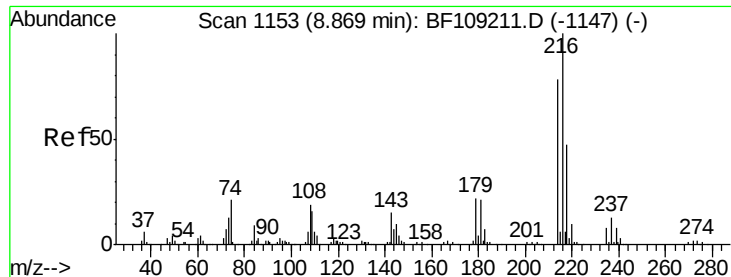
Abundance

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: 37.269 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF109327.D

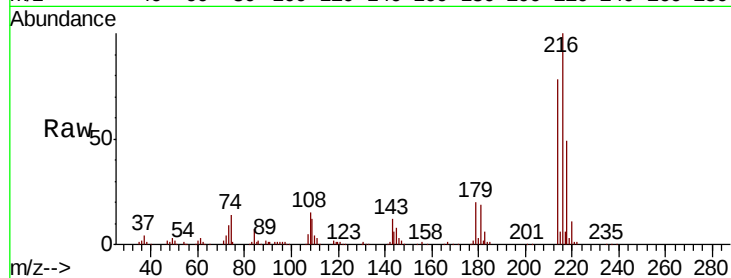
Acq: 26 Sep 2018 10:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	216	Resp:	240017
Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.0	94.4
179	21.1	18.1	27.1
108	17.9	17.2	25.8

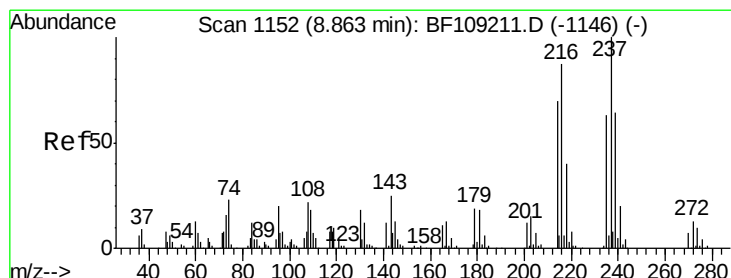
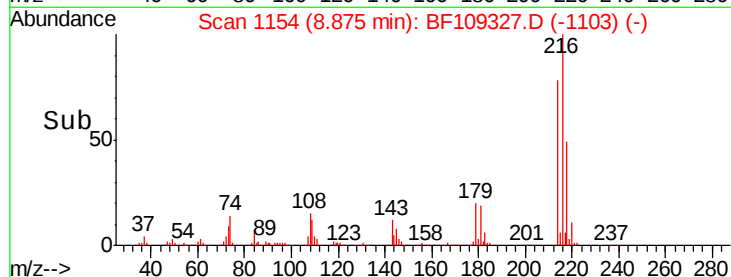
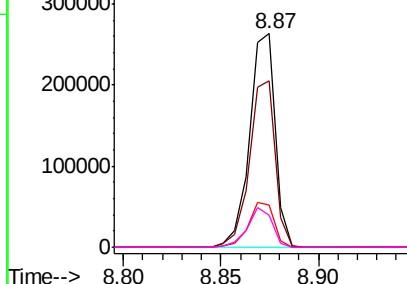


Abundance Ion 216.00 (215.70 to 216.70): E

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: 20.157 ng

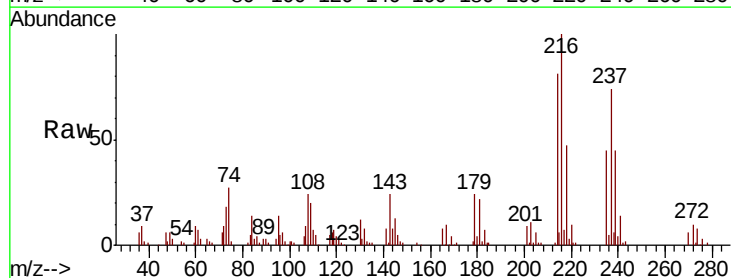
RT: 8.86 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BF109327.D

Acq: 26 Sep 2018 10:00

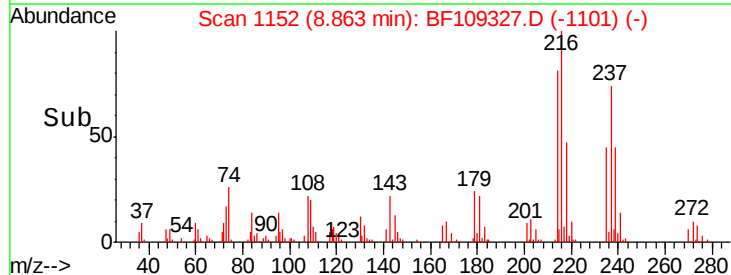
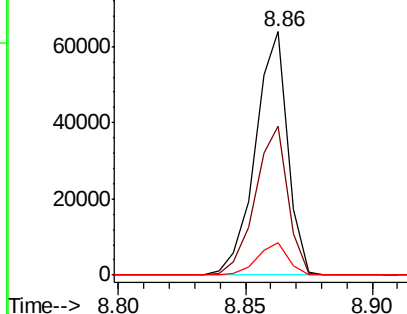
Tgt Ion:	237	Resp:	56622
Ion	Ratio	Lower	Upper
237	100		
235	61.4	44.8	84.8
272	13.1	0.0	33.3

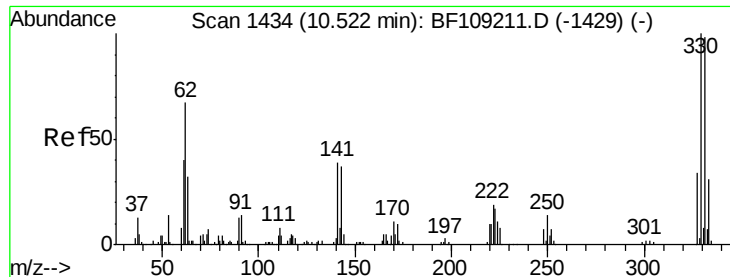


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

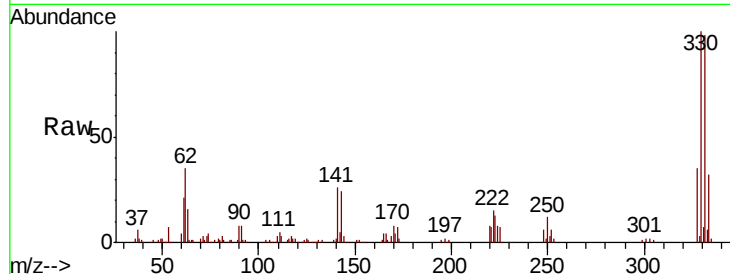




#41
 2,4,6-Tribromophenol
 Concen: 67.084 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109327.D
 Acq: 26 Sep 2018 10:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	33.7	29.9	44.9

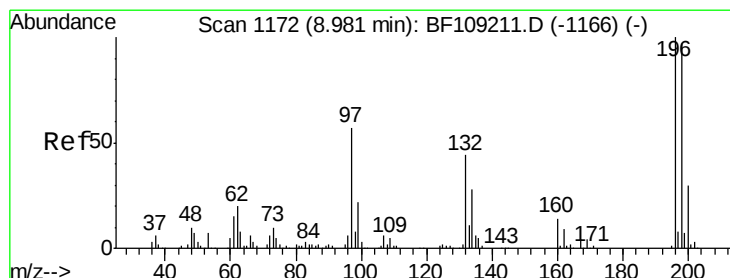
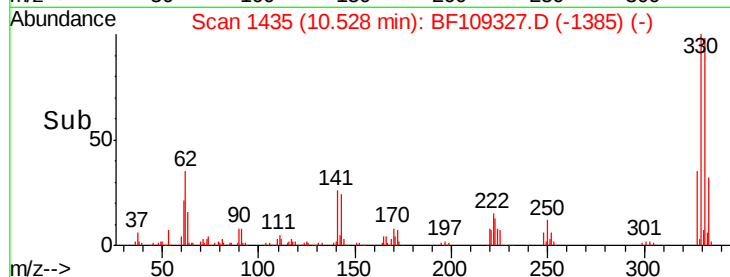
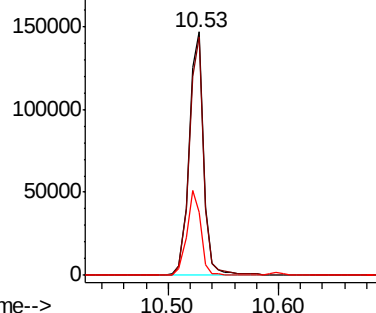


Abundance

Ion 329.80 (329.50 to 330.50): E

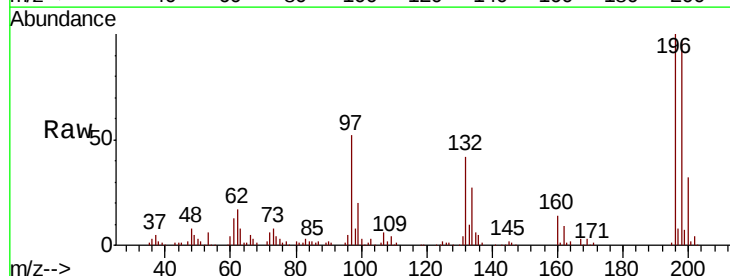
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 37.289 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF109327.D
 Acq: 26 Sep 2018 10:00

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.1	75.7	113.5
200	31.6	24.5	36.7

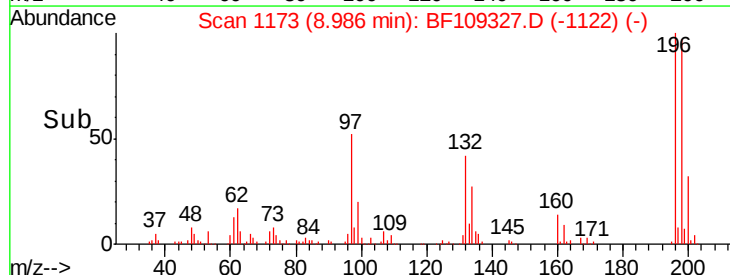
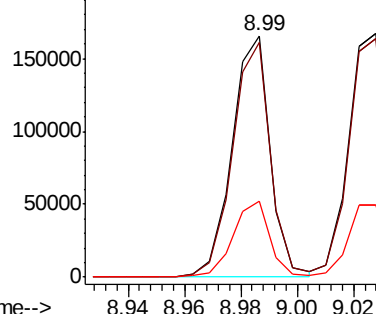


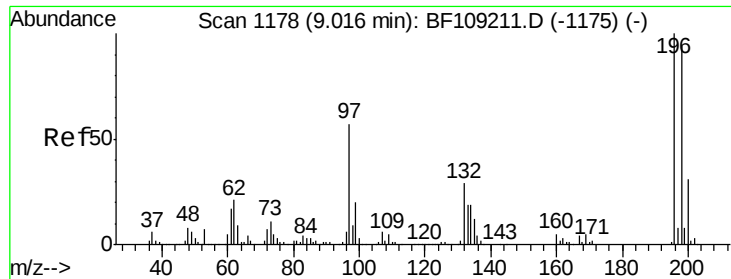
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

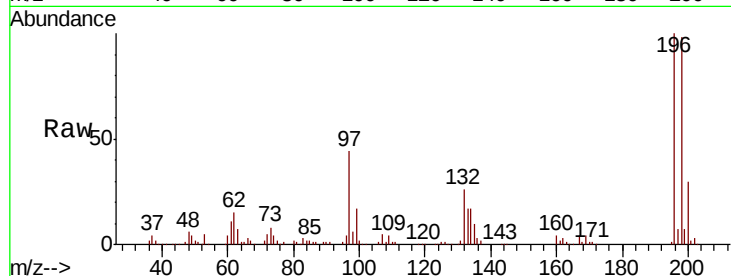




#43
 2,4,5-Trichlorophenol
 Concen: 36.851 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF109327.D
 Acq: 26 Sep 2018 10:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.0	74.6	112.0
97	43.7	42.9	64.3
132	26.1	26.3	39.5



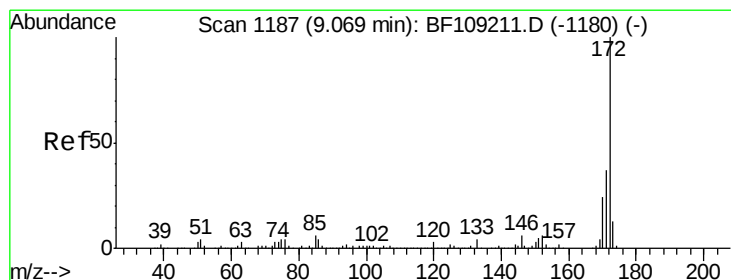
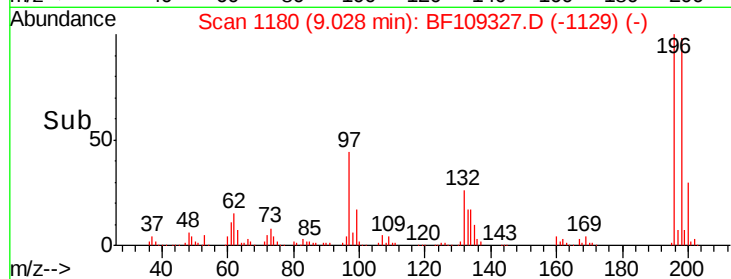
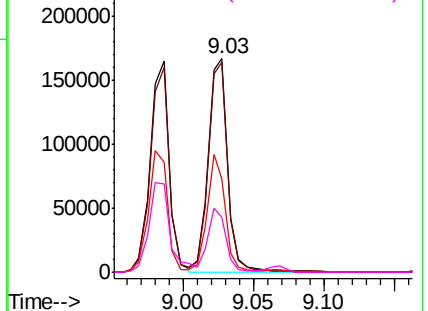
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

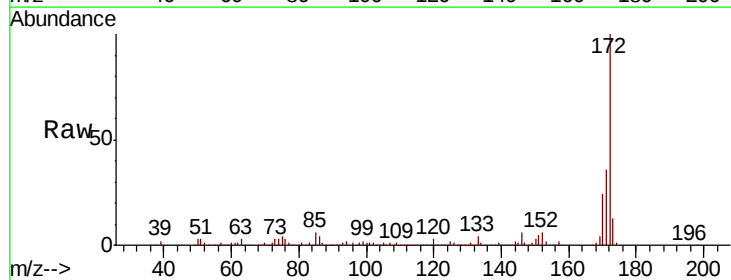
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 76.910 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109327.D
 Acq: 26 Sep 2018 10:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	24.3	19.6	29.4

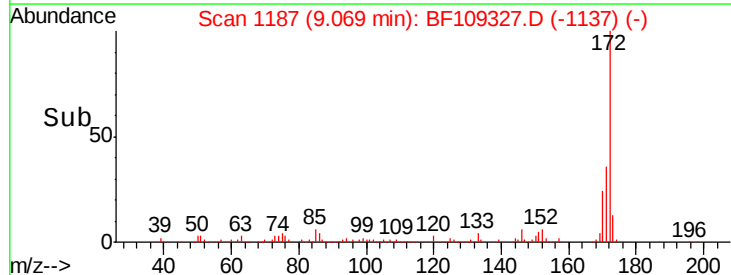
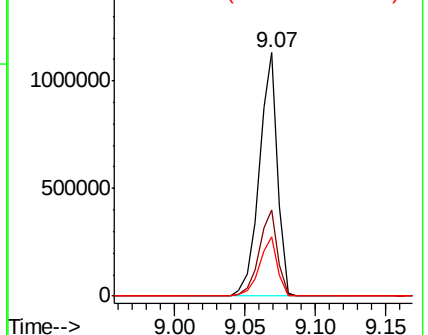


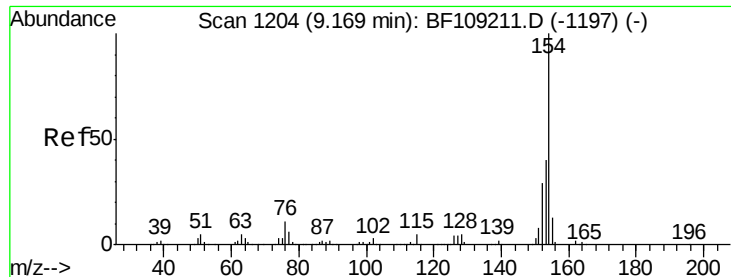
Abundance

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

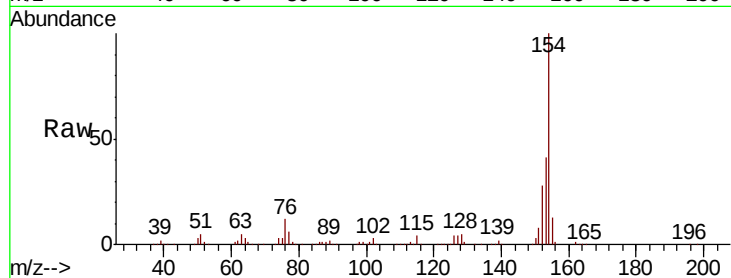




#45
 1,1'-Biphenyl
 Concen: 37.177 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF109327.D
 Acq: 26 Sep 2018 10:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.3	61.3
76	11.7	0.0	34.0

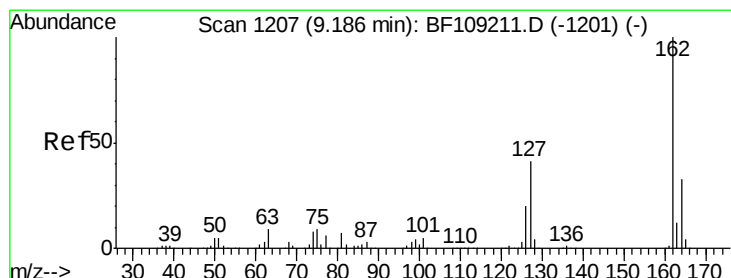
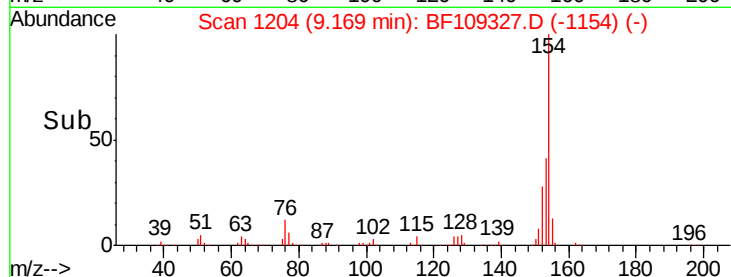
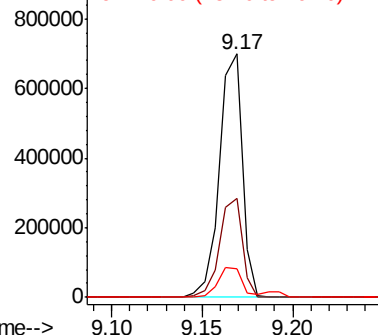


Abundance

Ion 154.00 (153.70 to 154.70): E

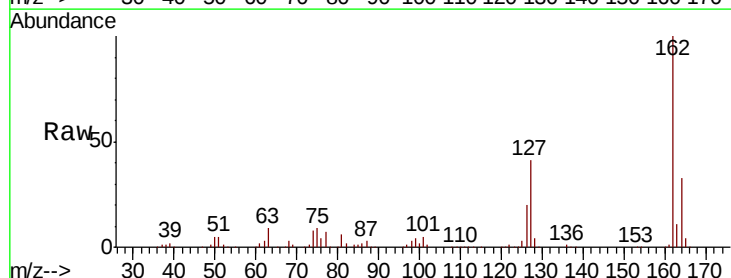
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
 2-Chloronaphthalene
 Concen: 35.722 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF109327.D
 Acq: 26 Sep 2018 10:00

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.2	33.9	50.9
164	33.1	26.5	39.7

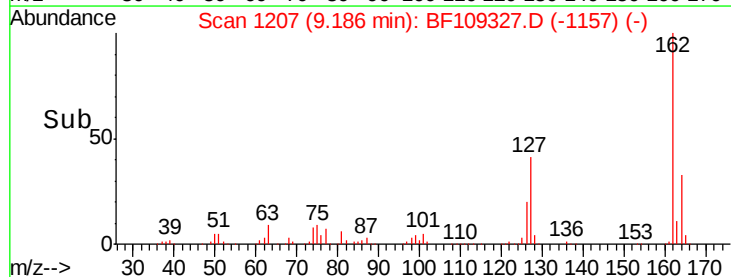
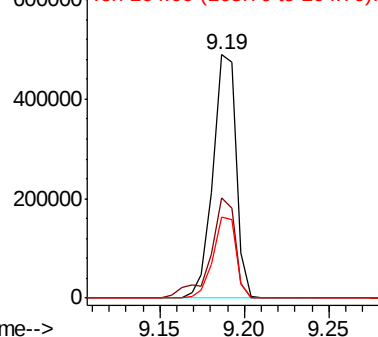


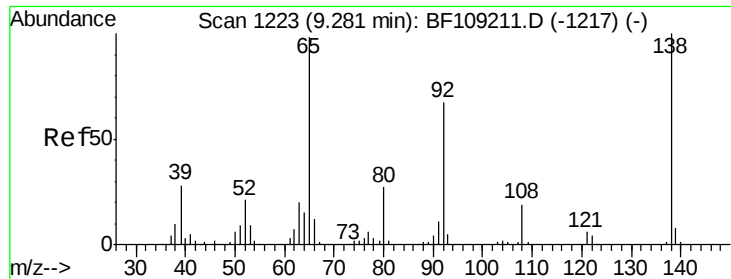
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

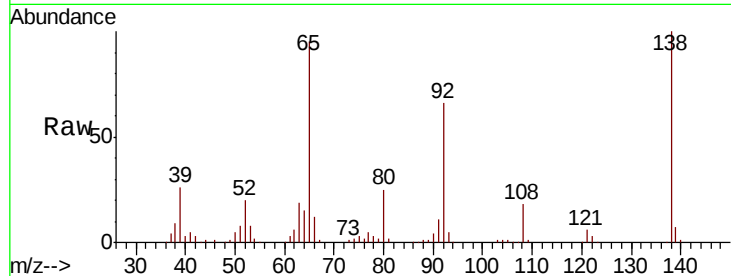




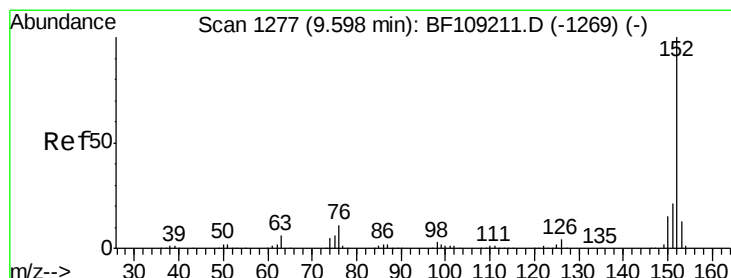
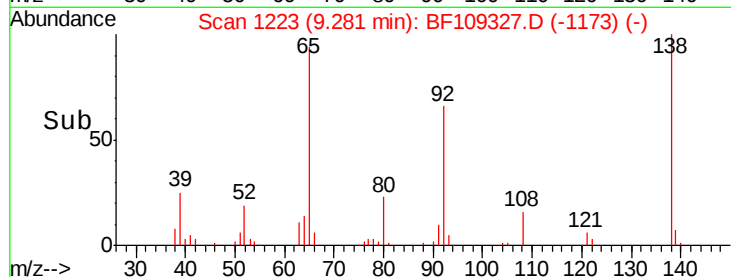
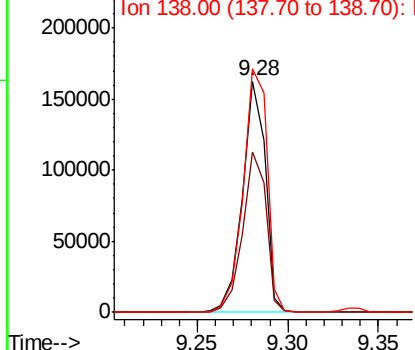
#47
 2-Nitroaniline
 Concen: 38.274 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF109327.D
 Acq: 26 Sep 2018 10:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.2	55.8	83.6
138	105.4	91.2	136.8

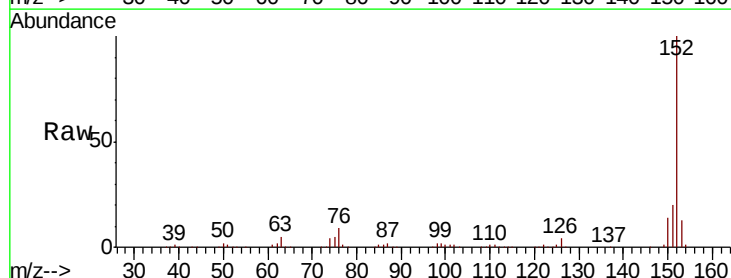


Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

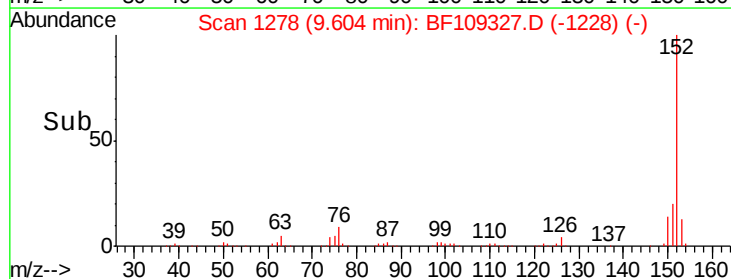
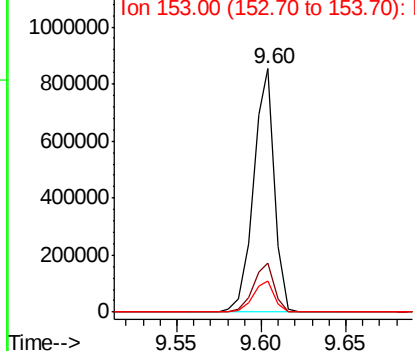


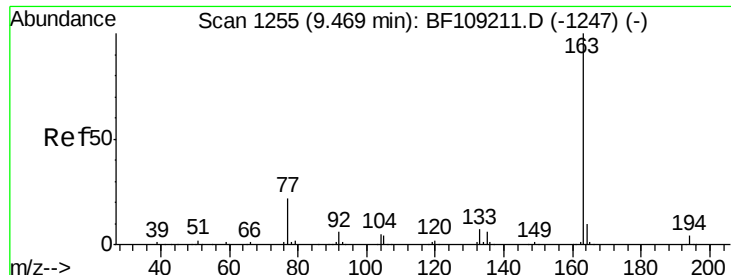
#48
 Acenaphthylene
 Concen: 37.219 ng
 RT: 9.60 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BF109327.D
 Acq: 26 Sep 2018 10:00

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	13.0	10.7	16.1



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

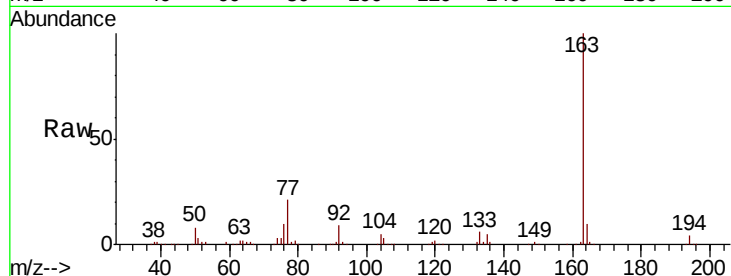




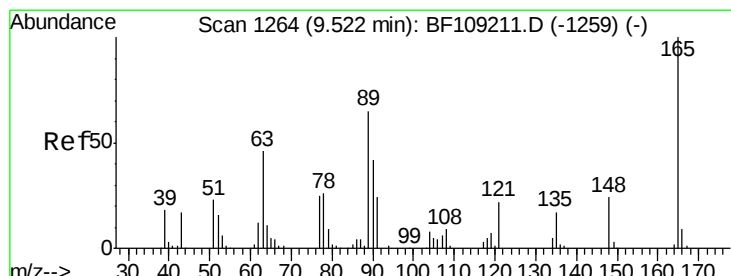
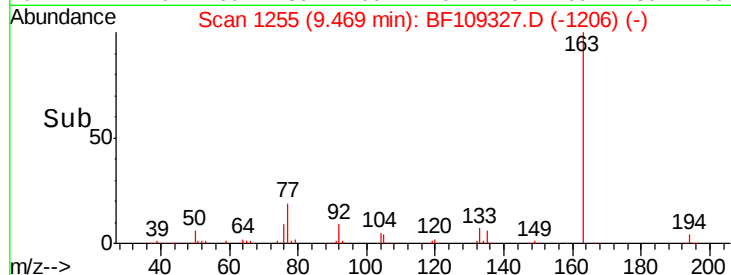
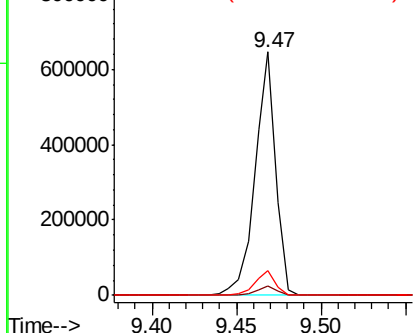
#49
 Dimethylphthalate
 Concen: 37.363 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF109327.D
 Acq: 26 Sep 2018 10:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:163	Resp:	549917
Ion Ratio	Lower	Upper
163	100	
194	4.0	2.7 4.1
164	10.0	8.2 12.2

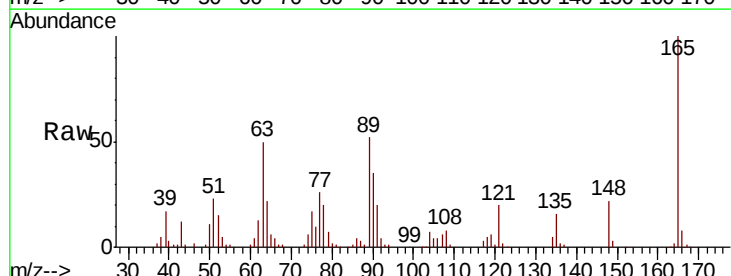


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

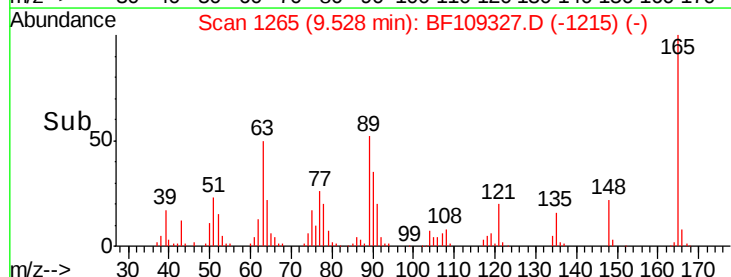
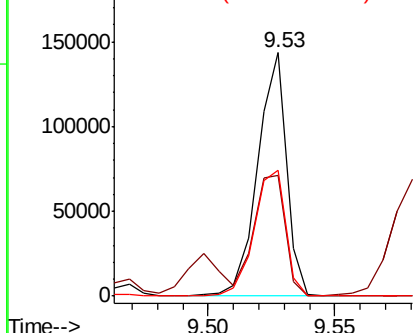


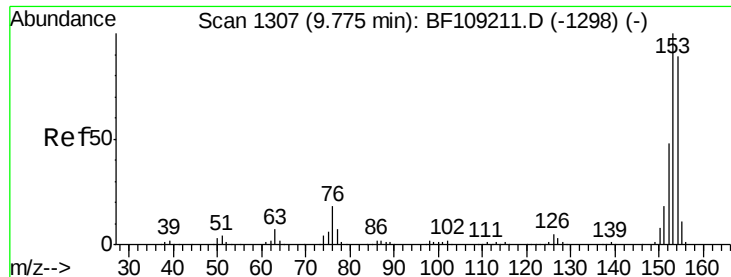
#50
 2,6-Dinitrotoluene
 Concen: 39.243 ng
 RT: 9.53 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: BF109327.D
 Acq: 26 Sep 2018 10:00

Tgt Ion:165	Resp:	114392
Ion Ratio	Lower	Upper
165	100	
63	49.8	44.7 67.1
89	51.7	44.0 66.0



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





#51

Acenaphthene

Concen: 35.591 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF109327.D

Acq: 26 Sep 2018 10:00

Instrument :

BNA_F

ClientSampleId :

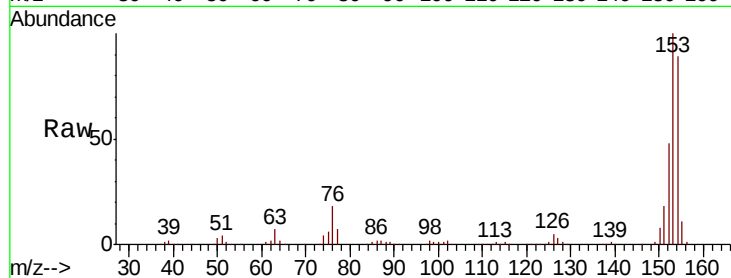
Tot Ion:154 Resp: 427570

Ion Ratio Lower Upper

154 100

153 111.8 91.2 136.8

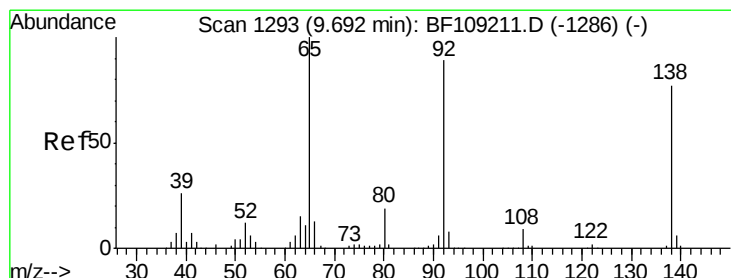
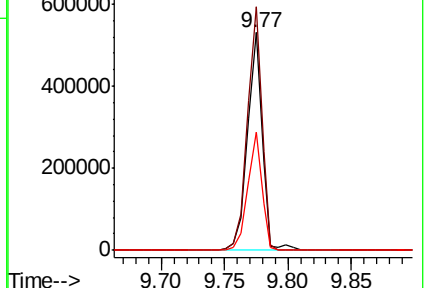
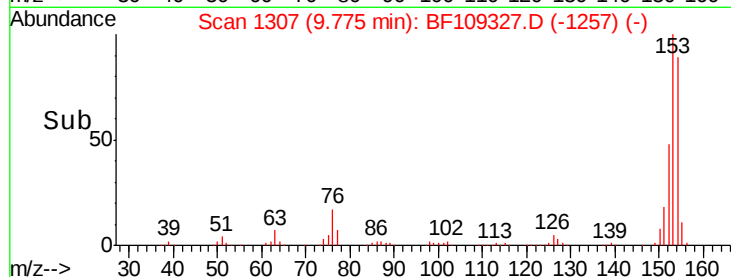
152 54.2 43.8 65.8



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: 26.575 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.02 min

Lab File: BF109327.D

Acq: 26 Sep 2018 10:00

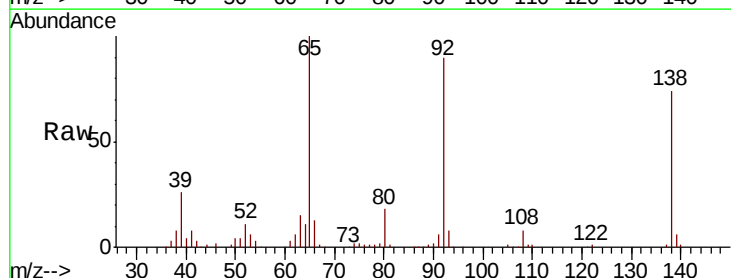
Tgt Ion:138 Resp: 89712

Ion Ratio Lower Upper

138 100

108 11.3 9.4 14.0

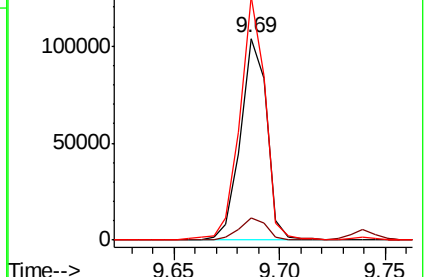
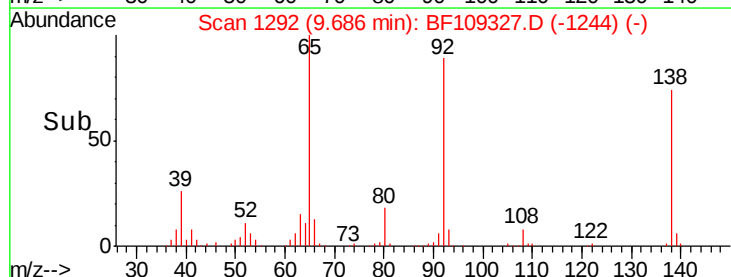
92 120.7 89.4 134.2

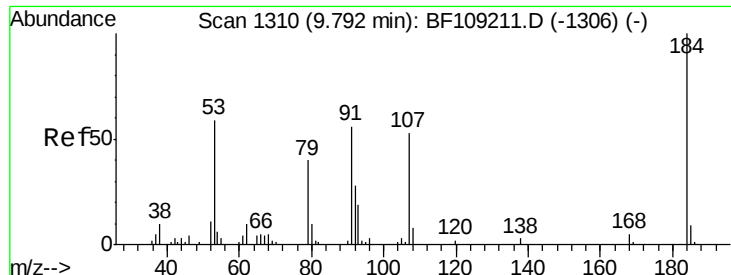


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

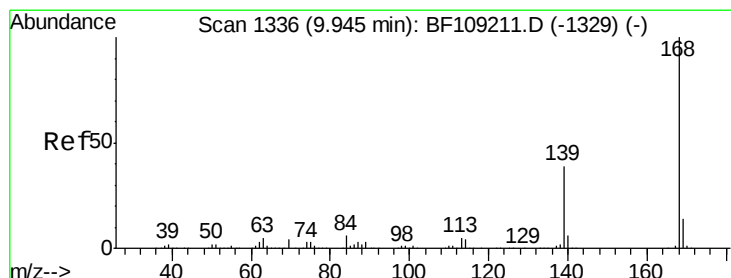
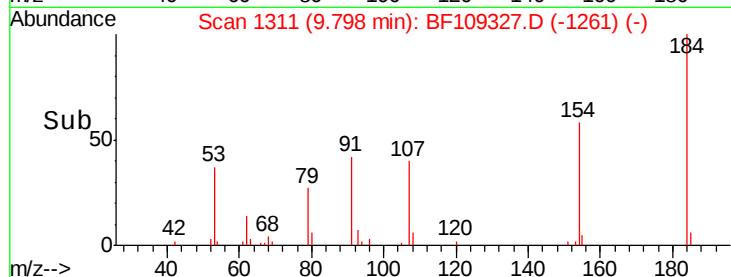
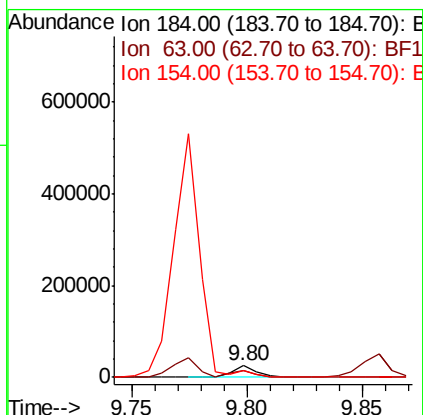
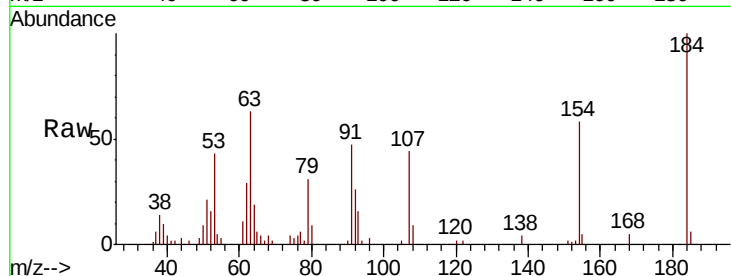




#53
2,4-Dinitrophenol
Concen: 25.686 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF109327.D
Acq: 26 Sep 2018 10:00

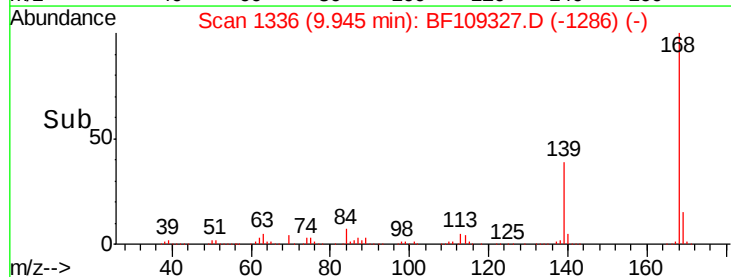
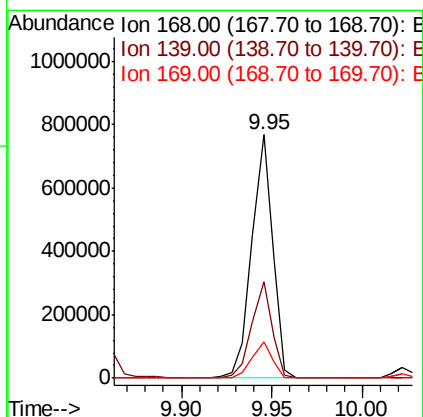
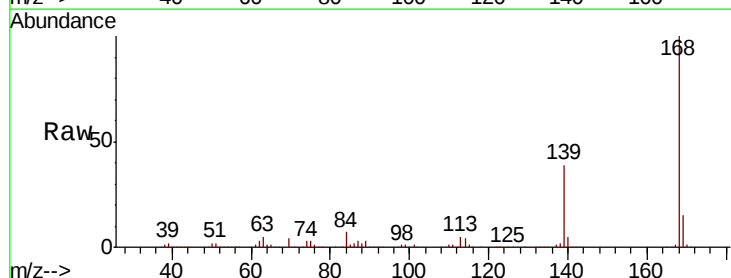
Instrument :
BNA_F
ClientSampleId :

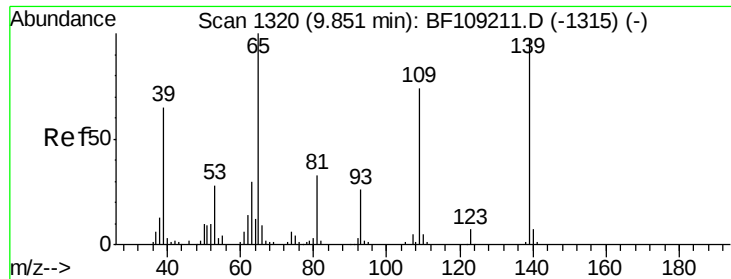
Tot Ion:184 Resp: 19875
Ion Ratio Lower Upper
184 100
63 63.0 54.2 81.2
154 58.4 184.0 276.0#



#54
Dibenzofuran
Concen: 34.558 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF109327.D
Acq: 26 Sep 2018 10:00

Tgt Ion:168 Resp: 617419
Ion Ratio Lower Upper
168 100
139 39.3 30.1 45.1
169 14.7 10.9 16.3

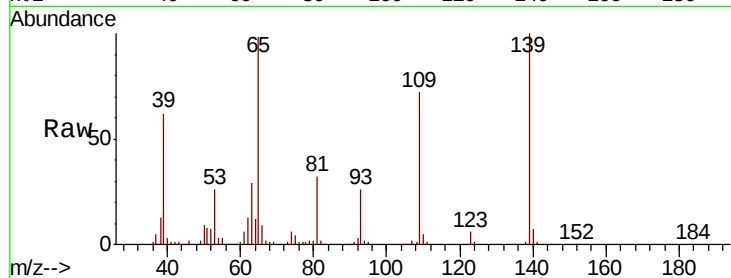




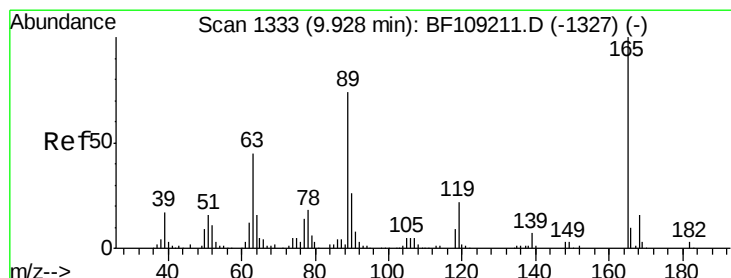
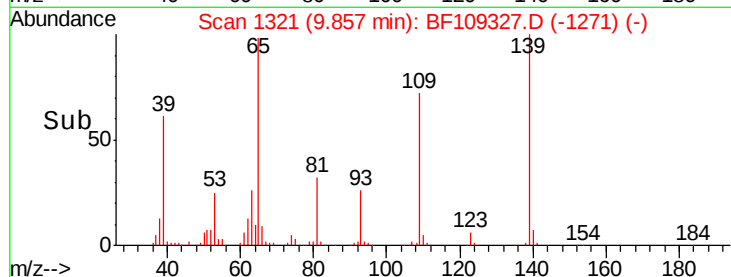
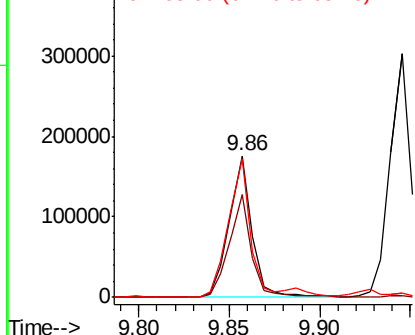
#55
4-Nitrophenol
Concen: 61.087 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF109327.D
Acq: 26 Sep 2018 10:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 155345
Ion Ratio Lower Upper
139 100
109 72.4 48.4 88.4
65 97.9 72.6 112.6

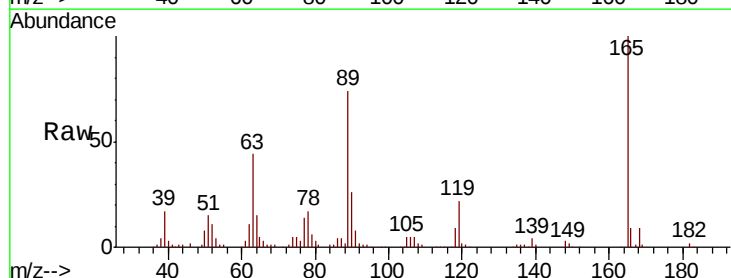


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

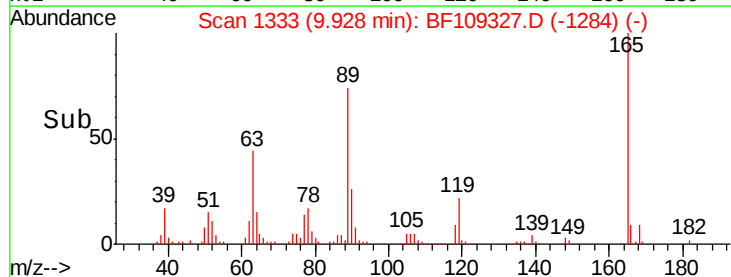
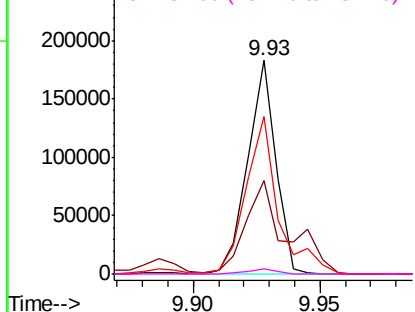


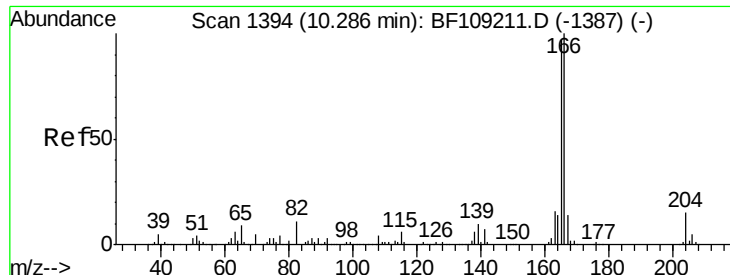
#56
2,4-Dinitrotoluene
Concen: 38.400 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF109327.D
Acq: 26 Sep 2018 10:00

Tgt Ion:165 Resp: 141632
Ion Ratio Lower Upper
165 100
63 43.8 36.4 54.6
89 73.5 57.8 86.6
182 2.4 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

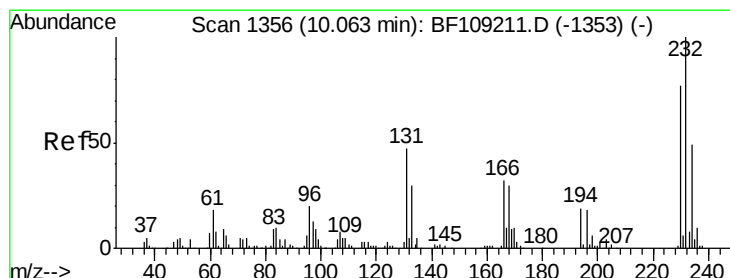
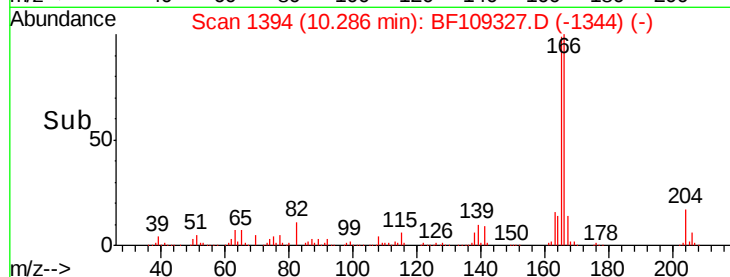
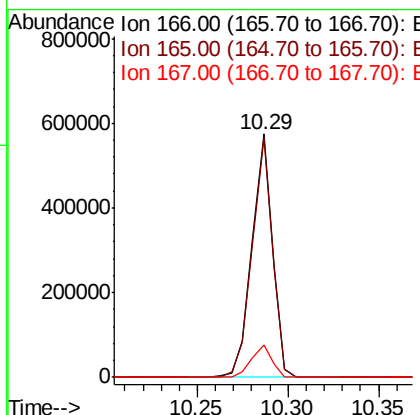
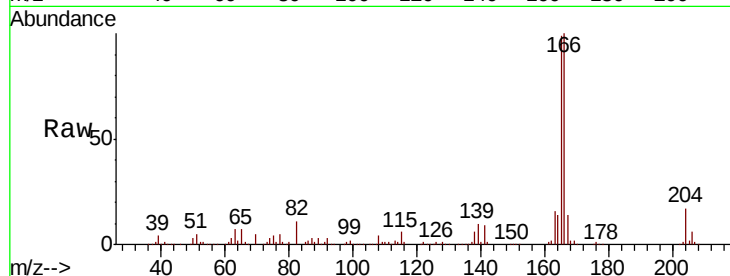




#57
 Fluorene
 Concen: 35.484 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109327.D
 Acq: 26 Sep 2018 10:00

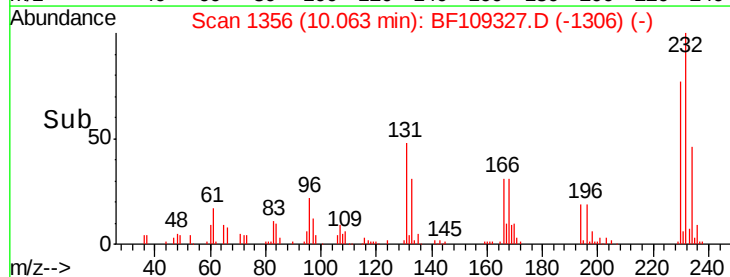
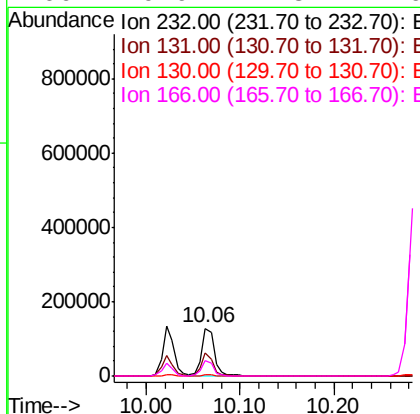
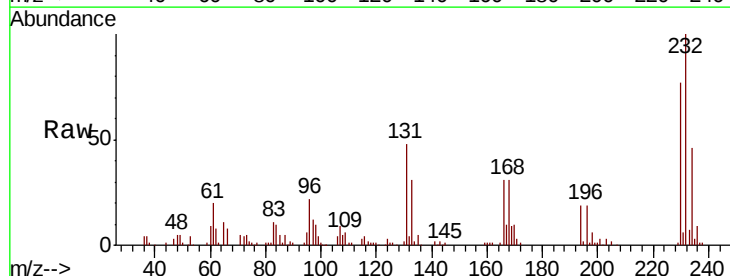
Instrument :
 BNA_F
 ClientSampleId :

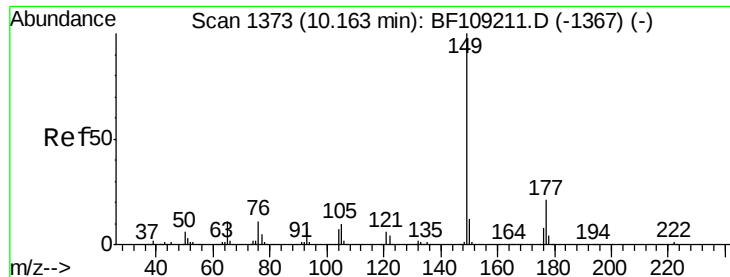
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.8	119.8
167	13.5	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.456 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BF109327.D
 Acq: 26 Sep 2018 10:00

Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.4	43.8	65.8#
130	2.0	2.1	3.1#
166	29.9	27.8	41.6

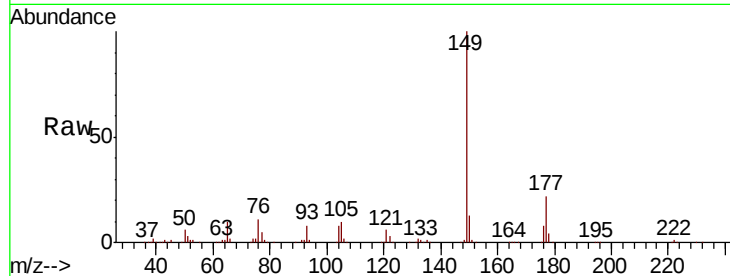




#59
Diethylphthalate
Concen: 35.384 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF109327.D
Acq: 26 Sep 2018 10:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.6	16.1	24.1
150	12.8	10.1	15.1

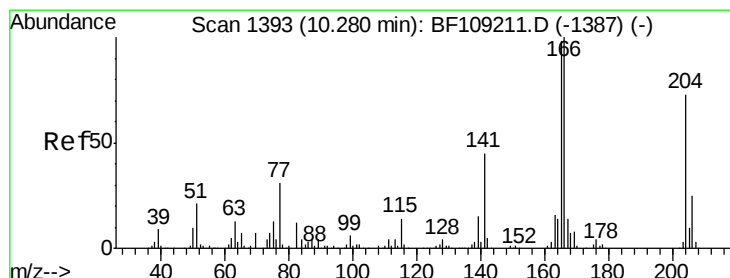
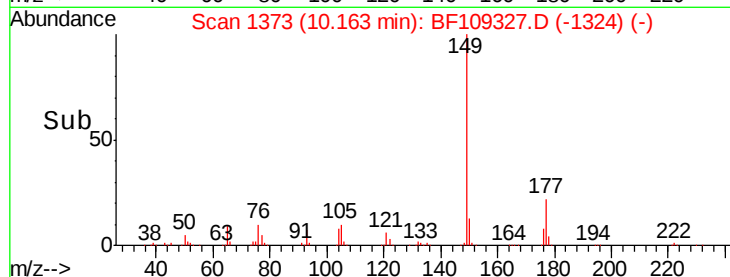
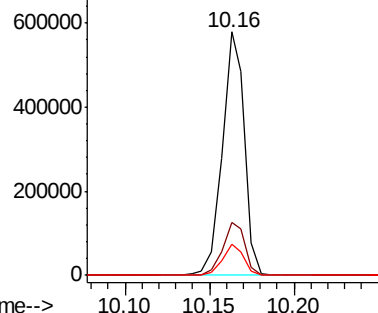


Abundance

Ion 149.00 (148.70 to 149.70): E

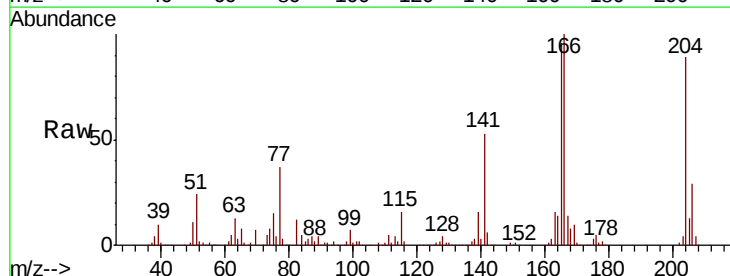
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60
4-Chlorophenyl-phenylether
Concen: 33.302 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF109327.D
Acq: 26 Sep 2018 10:00

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.5	39.7
141	59.4	54.6	81.8

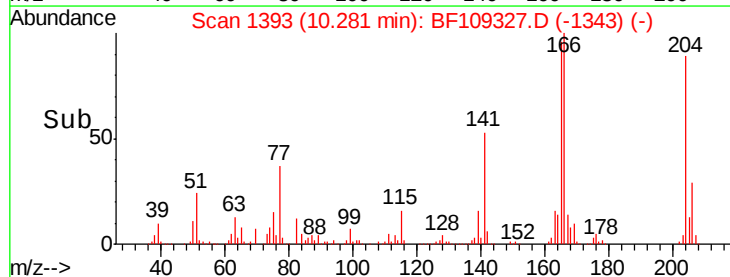
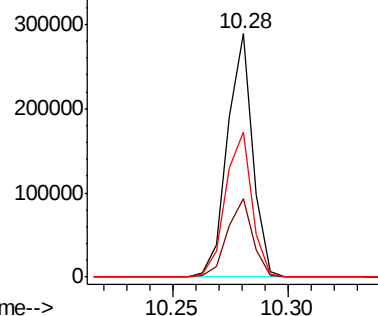


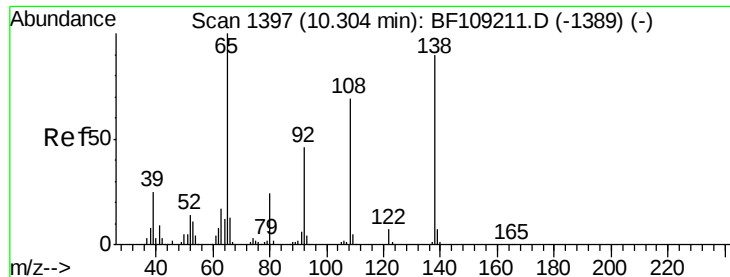
Abundance

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

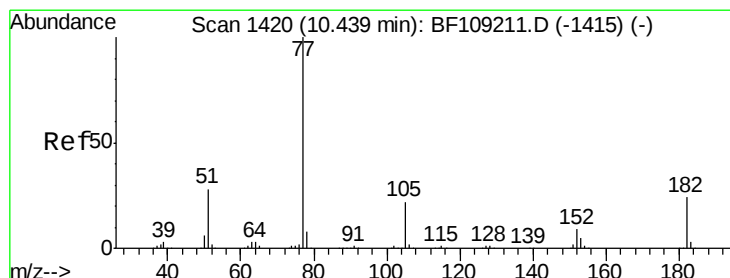
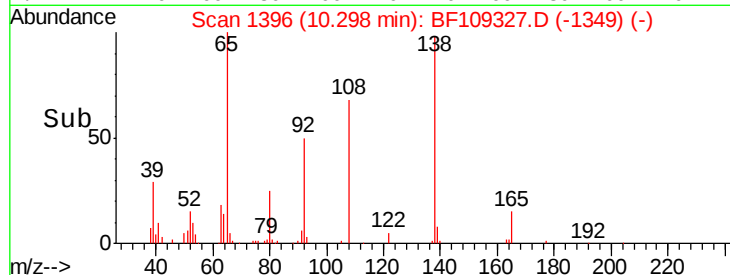
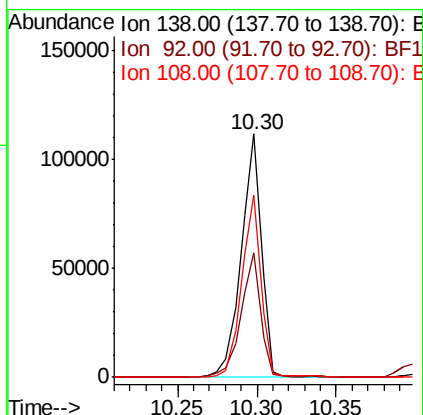
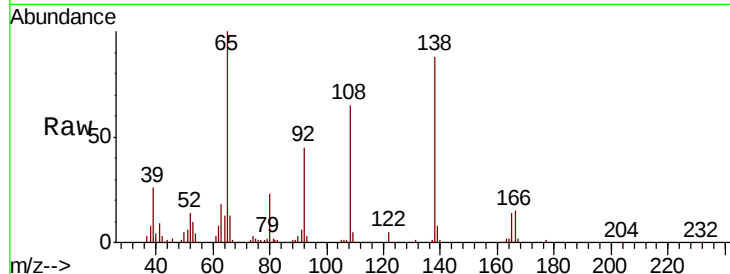




#61
4-Nitroaniline
Concen: 30.049 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.02 min
Lab File: BF109327.D
Acq: 26 Sep 2018 10:00

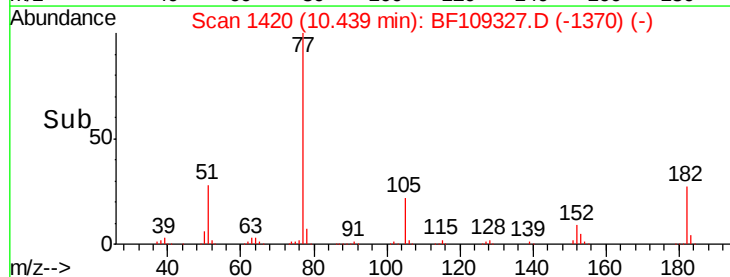
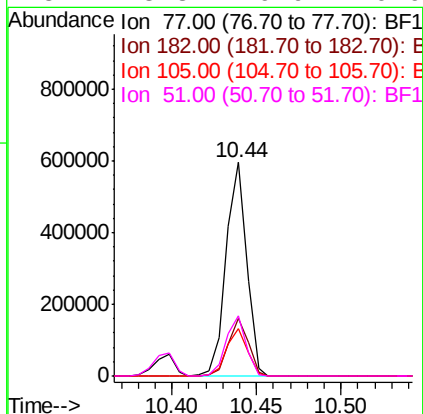
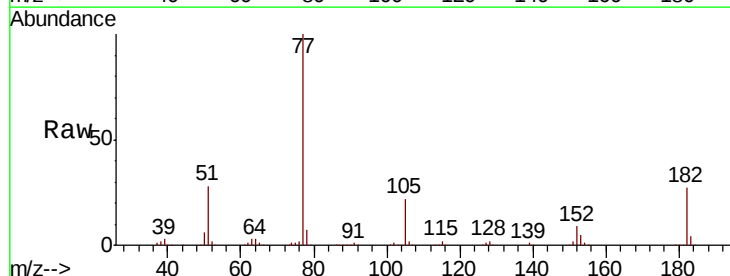
Instrument :
BNA_F
ClientSampled :

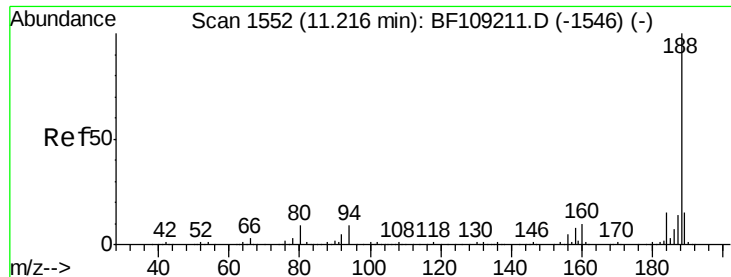
Tot Ion:138 Resp: 98926
Ion Ratio Lower Upper
138 100
92 51.2 30.2 70.2
108 74.7 52.5 92.5



#62
Azobenzene
Concen: 32.439 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF109327.D
Acq: 26 Sep 2018 10:00

Tgt Ion: 77 Resp: 502315
Ion Ratio Lower Upper
77 100
182 27.0 1.7 41.7
105 22.4 3.0 43.0
51 28.3 9.9 49.9

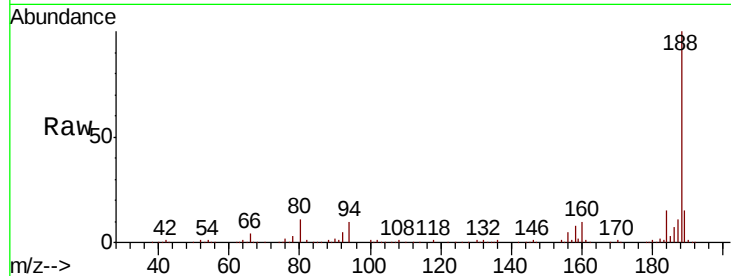




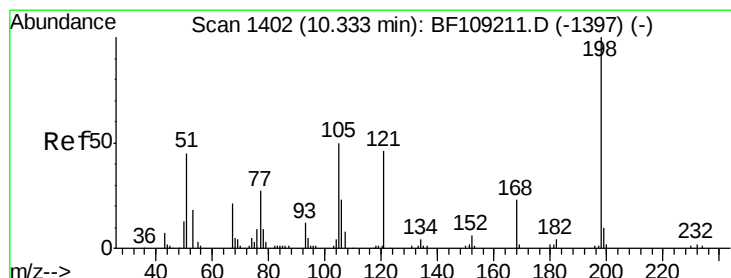
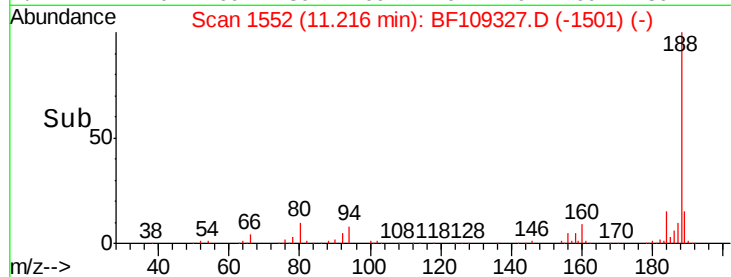
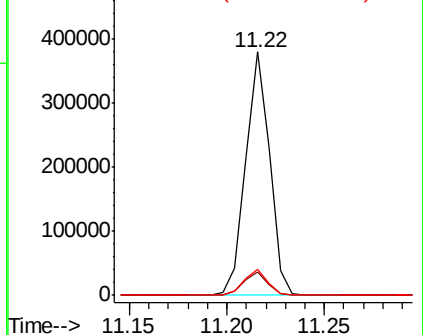
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF109327.D
 Acq: 26 Sep 2018 10:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 323283
 Ion Ratio Lower Upper
 188 100
 94 9.5 8.5 12.7
 80 10.6 9.2 13.8

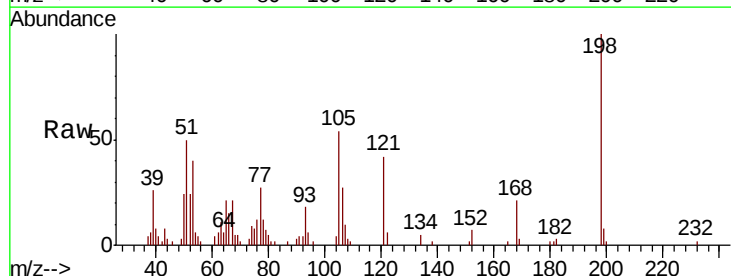


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

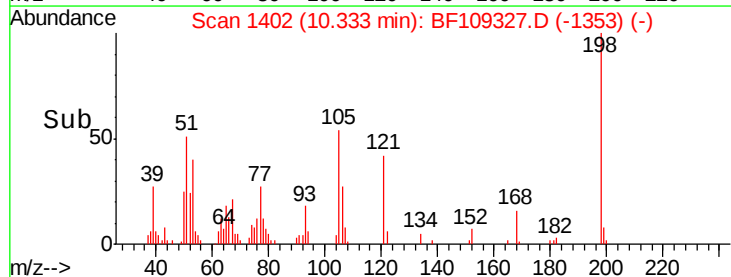
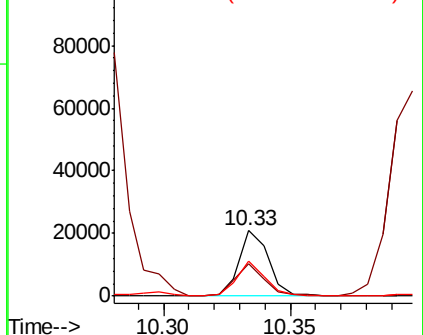


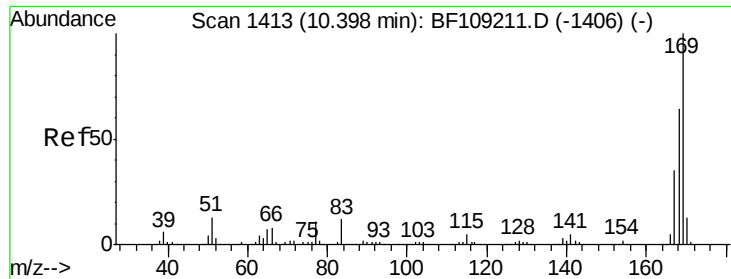
#64
 4,6-Dinitro-2-methylphenol
 Concen: 17.755 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF109327.D
 Acq: 26 Sep 2018 10:00

Tgt Ion:198 Resp: 16823
 Ion Ratio Lower Upper
 198 100
 51 50.3 37.7 77.7
 105 53.7 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

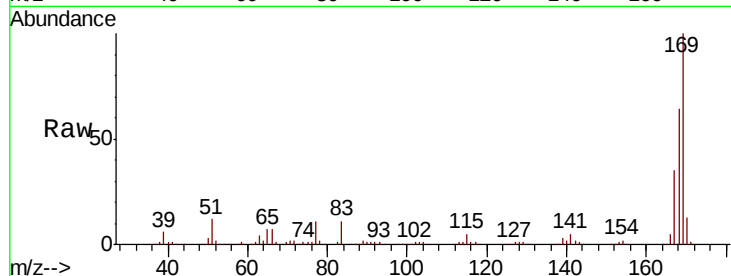




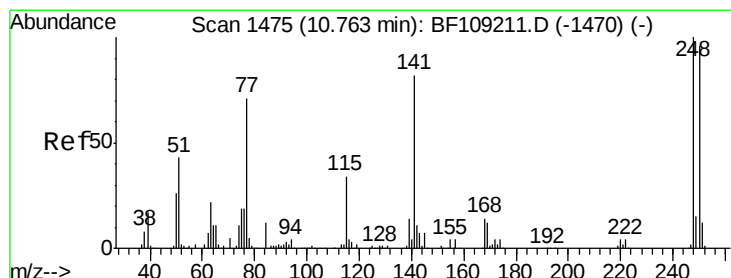
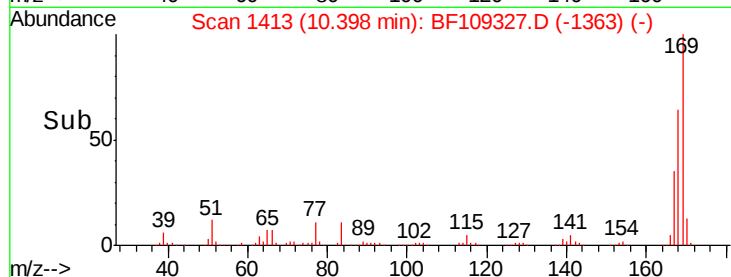
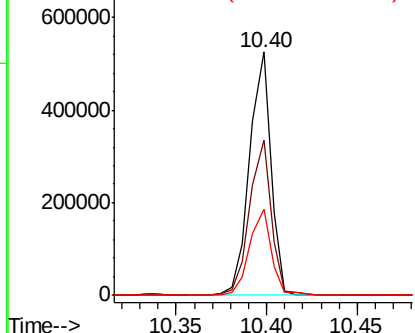
#65
 n-Nitrosodiphenylamine
 Concen: 40.552 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF109327.D
 Acq: 26 Sep 2018 10:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 433144
 Ion Ratio Lower Upper
 169 100
 168 63.9 54.4 81.6
 167 35.2 29.8 44.6

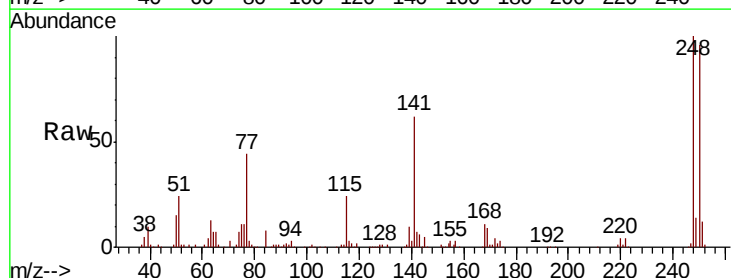


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

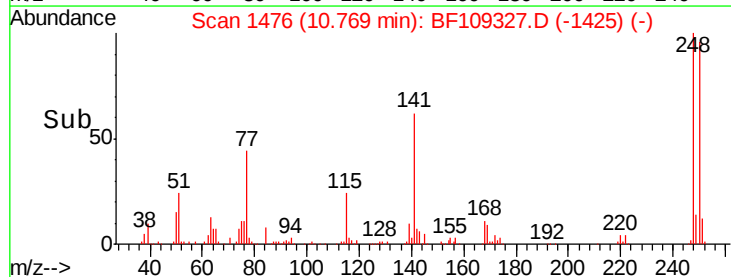
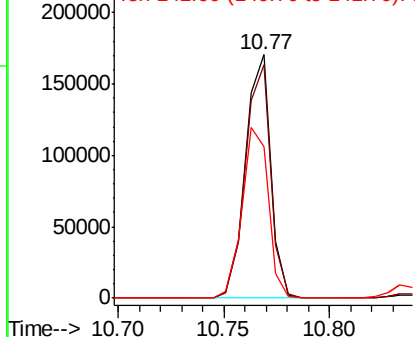


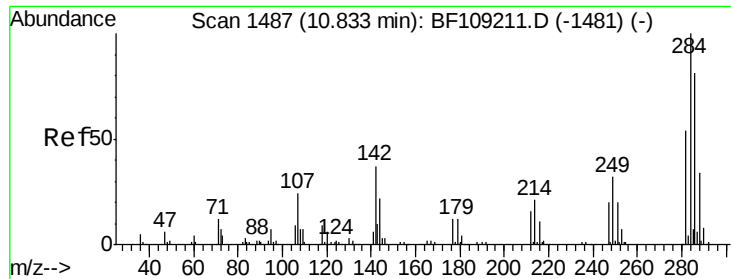
#66
 4-Bromophenyl-phenylether
 Concen: 39.505 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. 0.00 min
 Lab File: BF109327.D
 Acq: 26 Sep 2018 10:00

Tgt Ion:248 Resp: 141822
 Ion Ratio Lower Upper
 248 100
 250 95.6 76.9 115.3
 141 62.0 74.4 111.6#



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

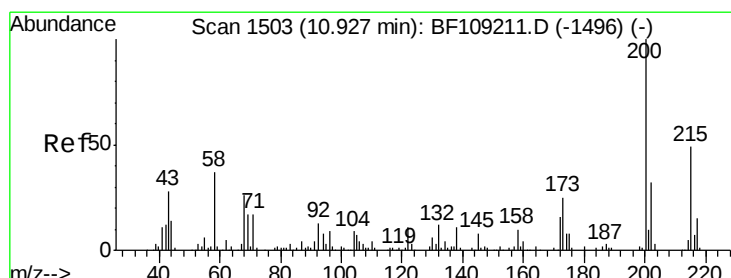
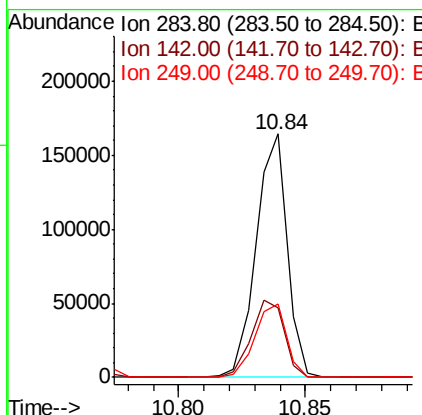
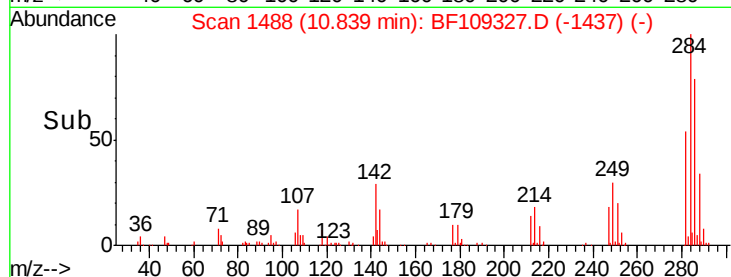
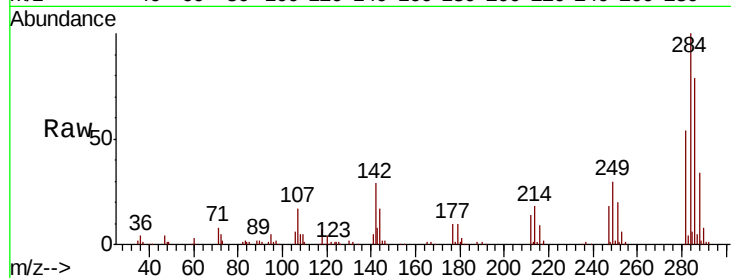




#67
Hexachlorobenzene
Concen: 36.940 ng
RT: 10.84 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BF109327.D
Acq: 26 Sep 2018 10:00

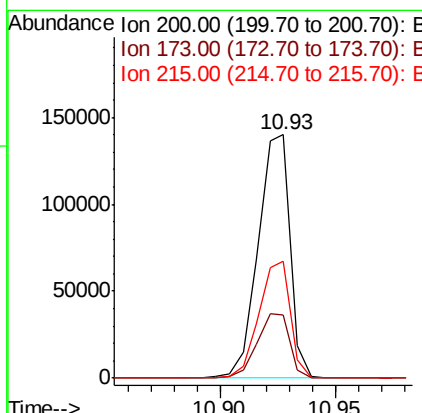
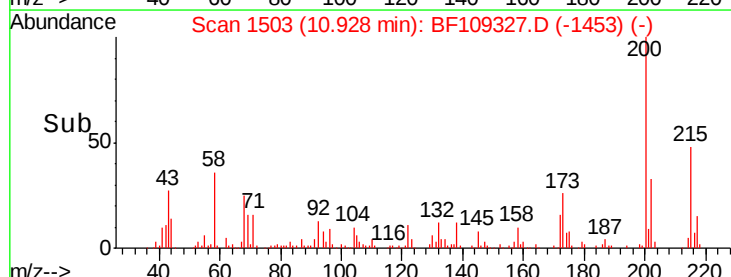
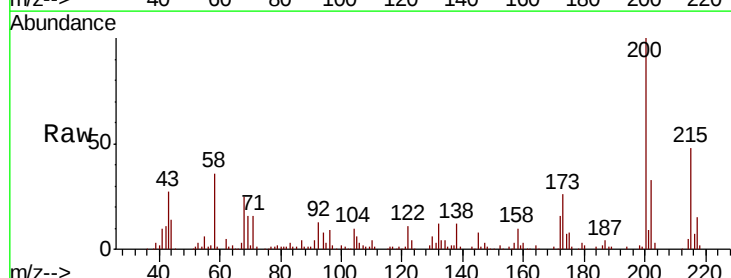
Instrument :
BNA_F
ClientSampleId :

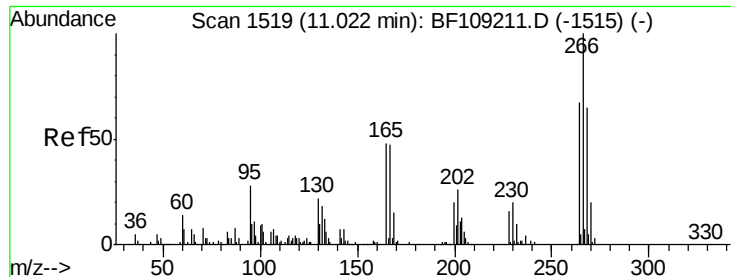
Tot Ion:284 Resp: 140841
Ion Ratio Lower Upper
284 100
142 28.8 34.6 52.0#
249 30.3 24.8 37.2



#68
Atrazine
Concen: 41.081 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF109327.D
Acq: 26 Sep 2018 10:00

Tgt Ion:200 Resp: 134950
Ion Ratio Lower Upper
200 100
173 25.8 8.6 48.6
215 48.1 25.1 65.1

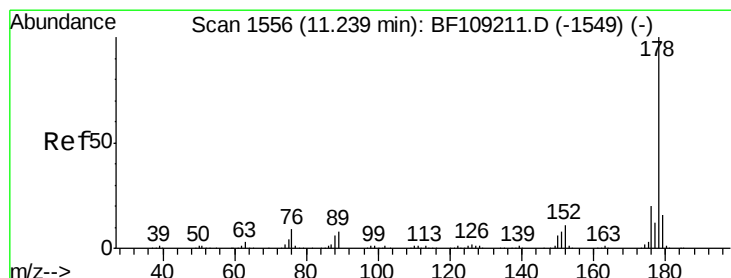
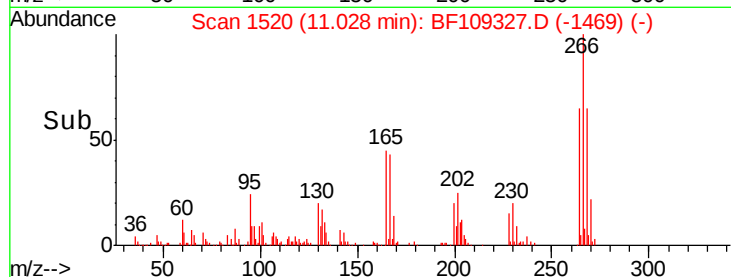
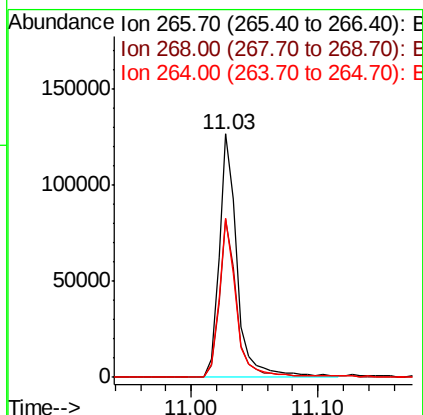
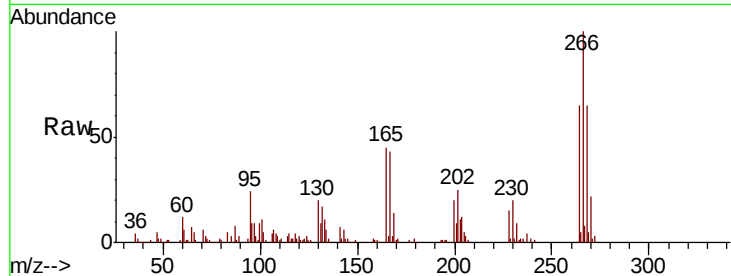




#69
 Pentachlorophenol
 Concen: 55.334 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BF109327.D
 Acq: 26 Sep 2018 10:00

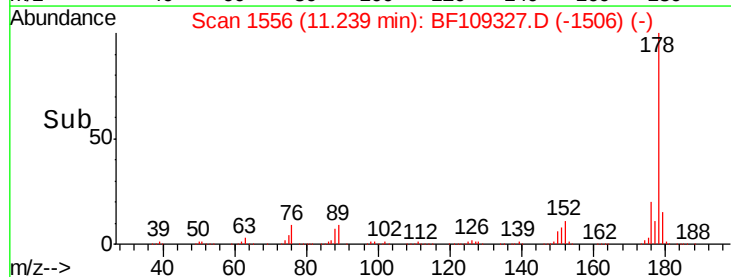
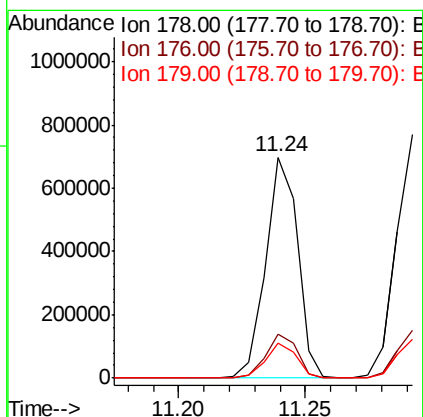
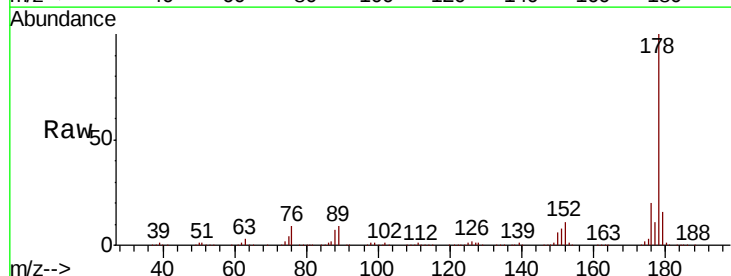
Instrument :
 BNA_F
 ClientSampleId :

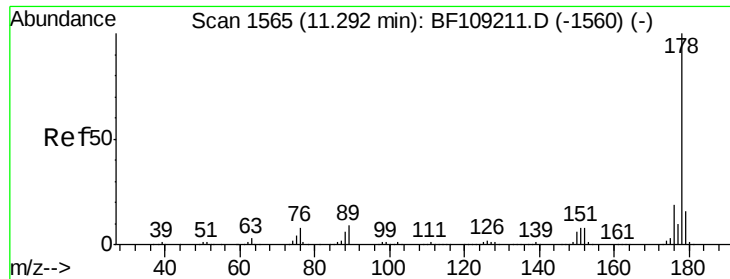
Tot Ion:266 Resp: 126271
 Ion Ratio Lower Upper
 266 100
 268 64.8 51.1 76.7
 264 65.5 49.5 74.3



#70
 Phenanthrene
 Concen: 37.726 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF109327.D
 Acq: 26 Sep 2018 10:00

Tgt Ion:178 Resp: 608950
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.8 13.0 19.6

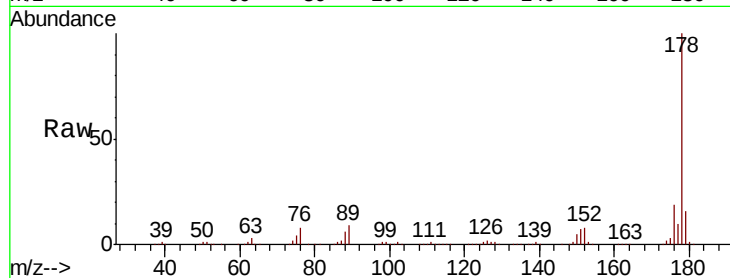




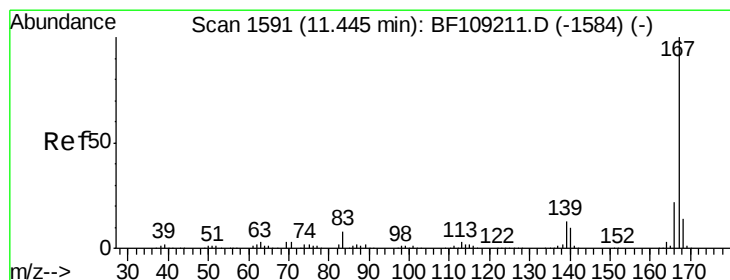
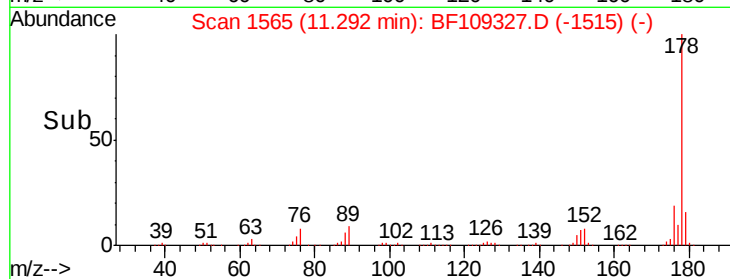
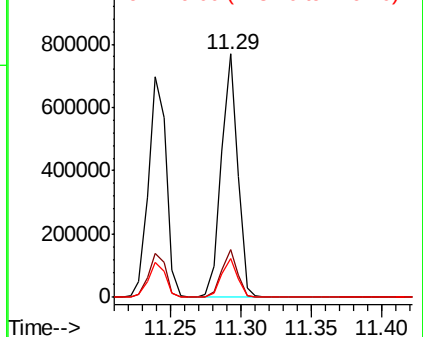
#71
 Anthracene
 Concen: 37.958 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF109327.D
 Acq: 26 Sep 2018 10:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 621440
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.8 12.6 19.0

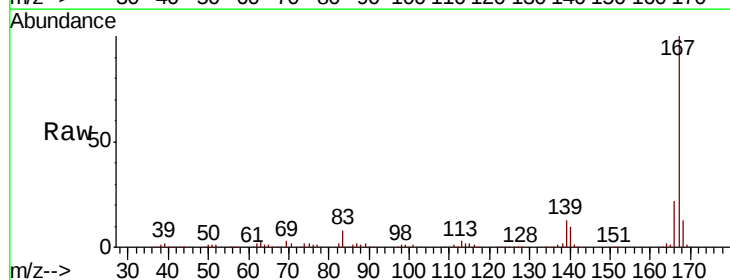


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

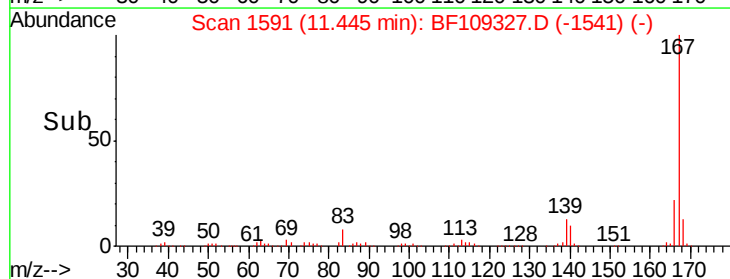
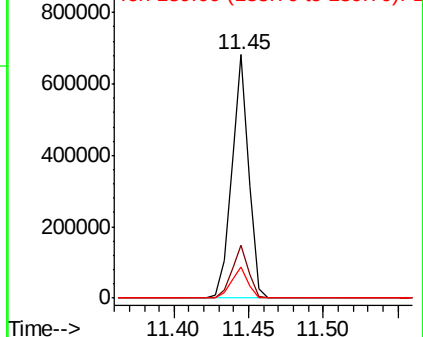


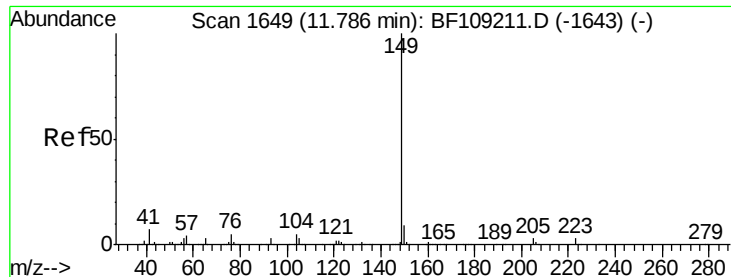
#72
 Carbazole
 Concen: 33.622 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BF109327.D
 Acq: 26 Sep 2018 10:00

Tgt Ion:167 Resp: 547673
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.6 26.4
 139 12.9 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.266 ng

RT: 11.79 min Scan# 1649

Delta R.T. 0.00 min

Lab File: BF109327.D

Acq: 26 Sep 2018 10:00

Instrument :

BNA_F

ClientSampled :

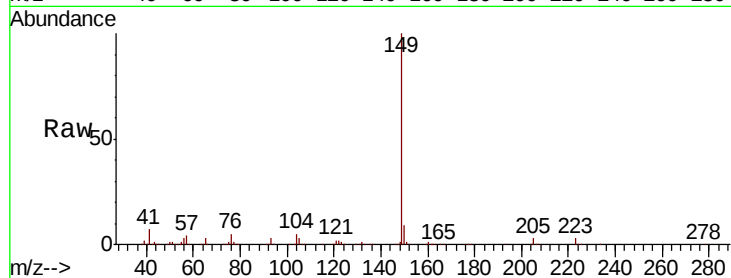
Tot Ion:149 Resp: 717560

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

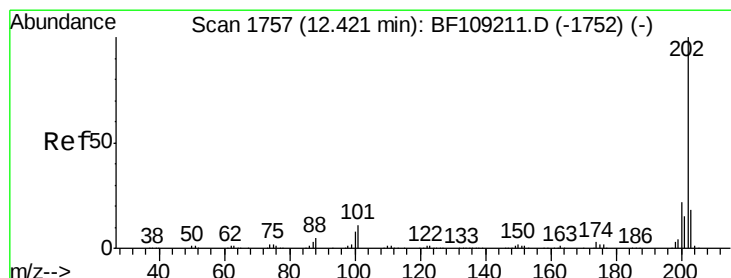
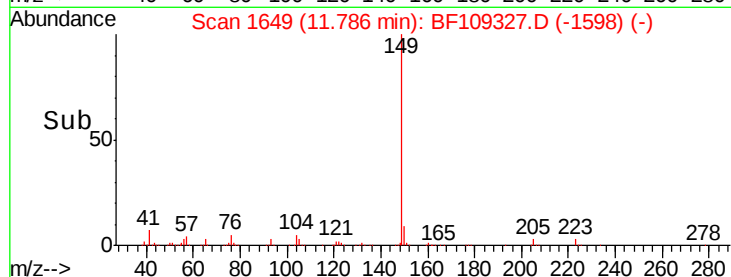
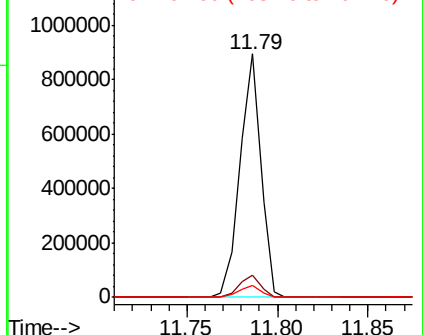
104 4.8 3.8 5.8



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: 35.963 ng

RT: 12.42 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BF109327.D

Acq: 26 Sep 2018 10:00

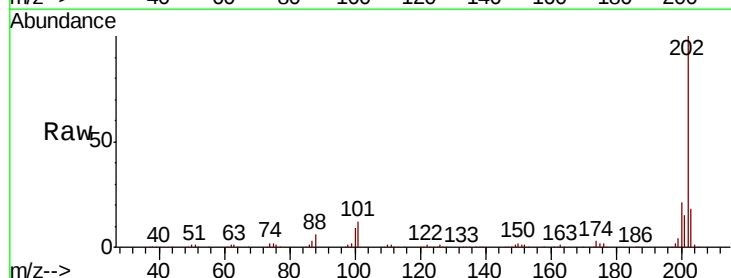
Tgt Ion:202 Resp: 620351

Ion Ratio Lower Upper

202 100

101 11.7 0.0 34.1

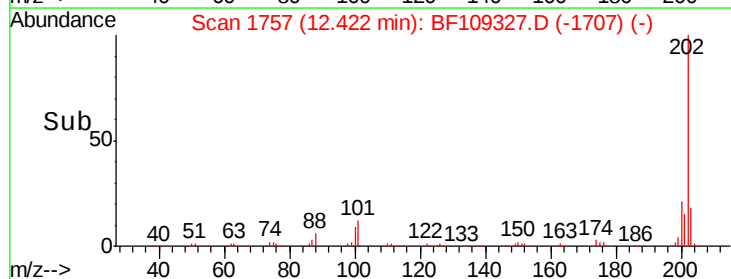
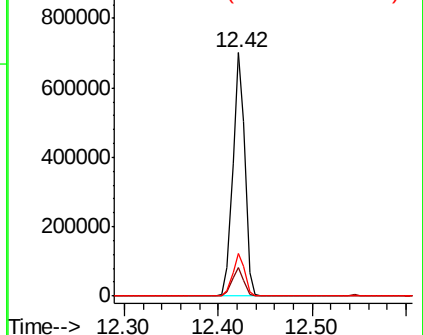
203 17.6 0.0 38.1

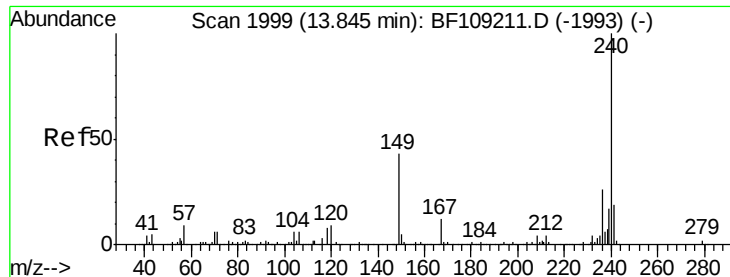


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF109327.D

Acq: 26 Sep 2018 10:00

Instrument :

BNA_F

ClientSampleId :

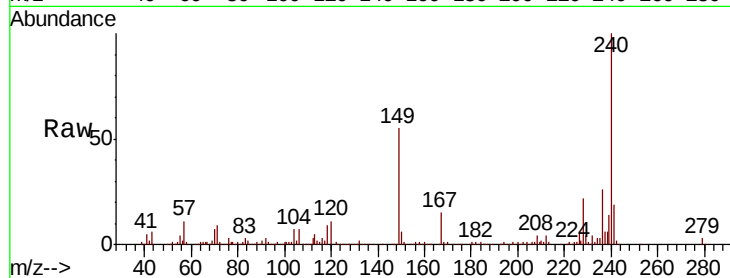
Tot Ion:240 Resp: 240223

Ion Ratio Lower Upper

240 100

120 10.7 9.5 14.3

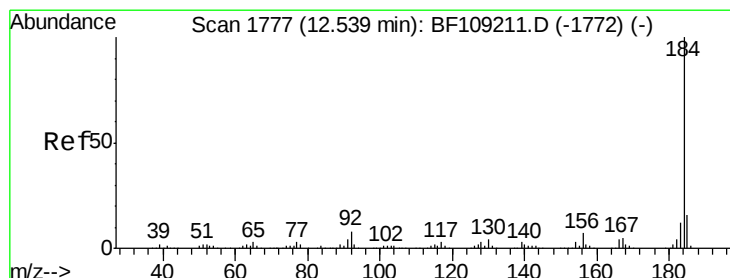
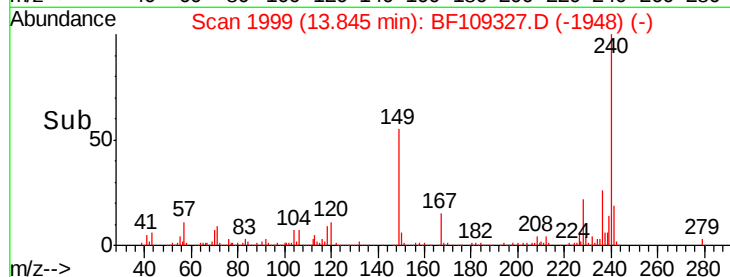
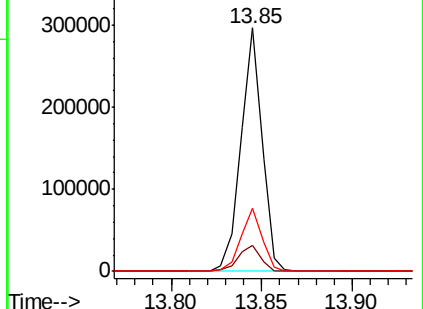
236 25.8 20.7 31.1



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: 53.855 ng

RT: 12.55 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF109327.D

Acq: 26 Sep 2018 10:00

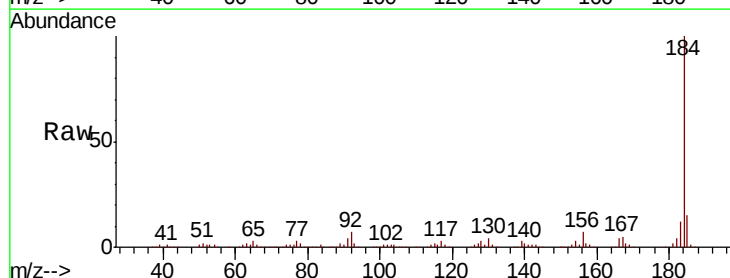
Tgt Ion:184 Resp: 466444

Ion Ratio Lower Upper

184 100

185 14.9 12.6 18.8

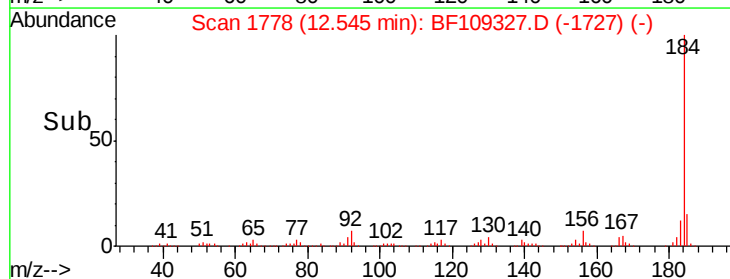
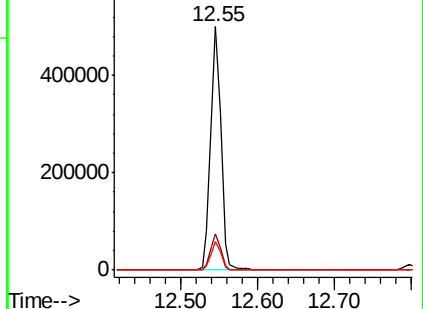
183 11.9 9.3 13.9

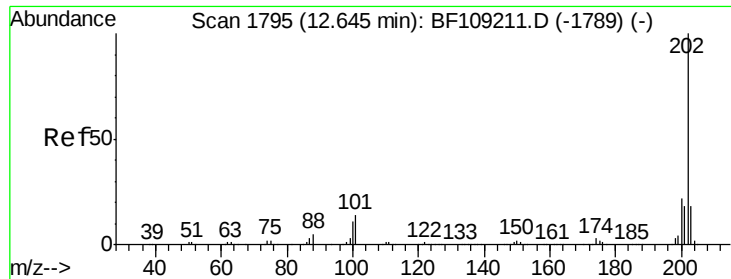


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

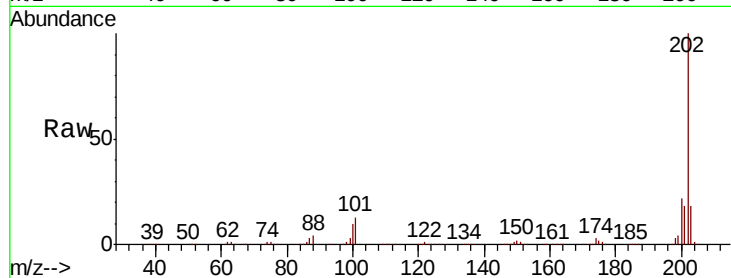




#77
Pvrene
Concen: 36.079 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BF109327.D
Acq: 26 Sep 2018 10:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	17.7	14.3	21.5

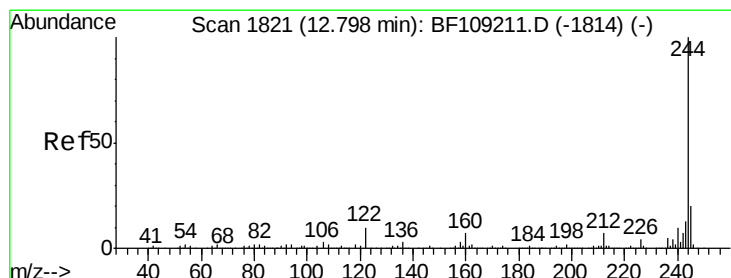
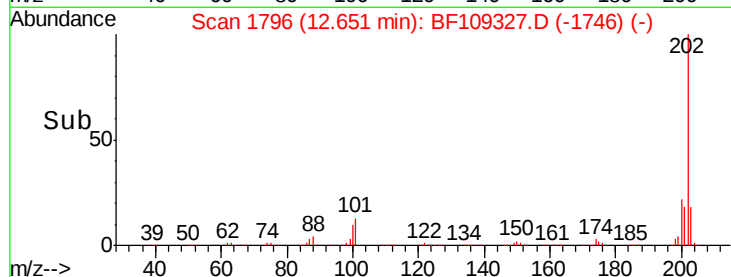
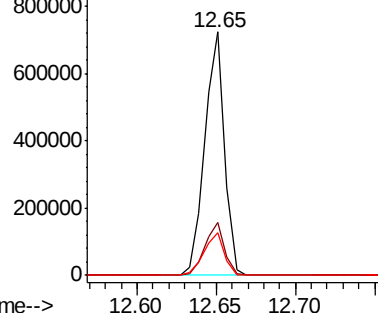


Abundance

Ion 202.00 (201.70 to 202.70): E

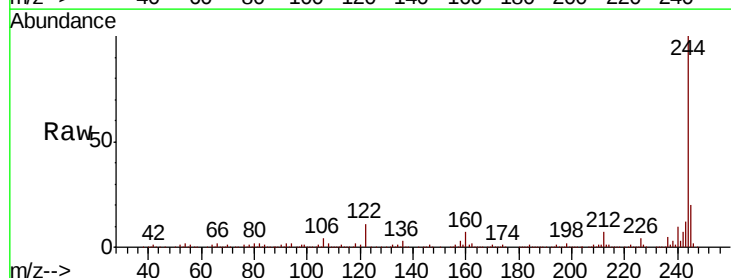
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 84.102 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109327.D
Acq: 26 Sep 2018 10:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.3	11.0	16.4

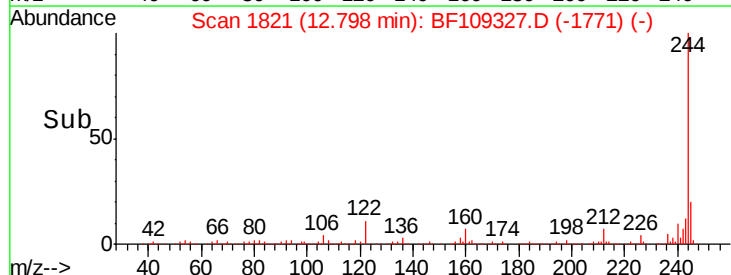
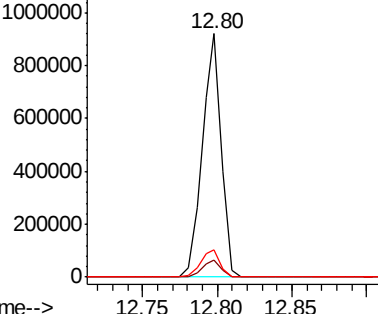


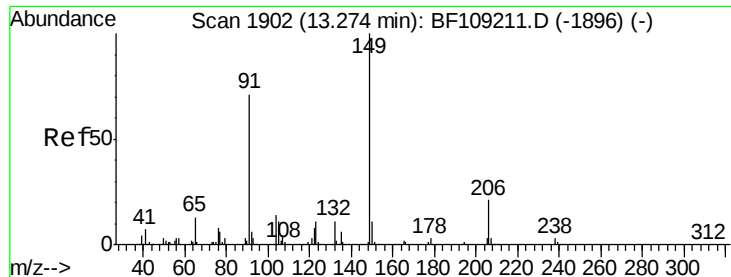
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

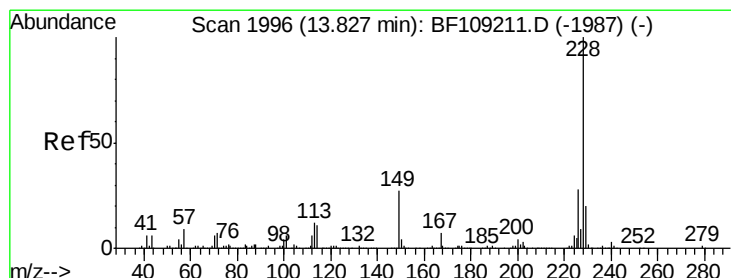
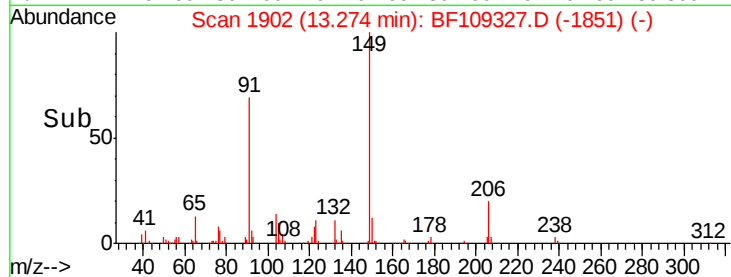
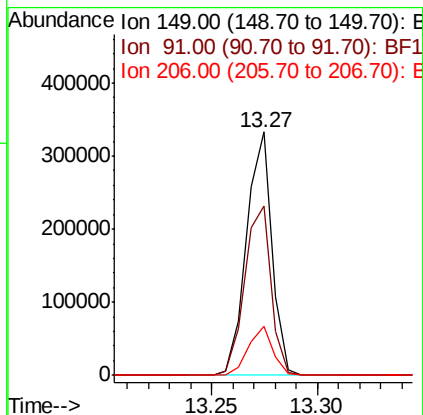
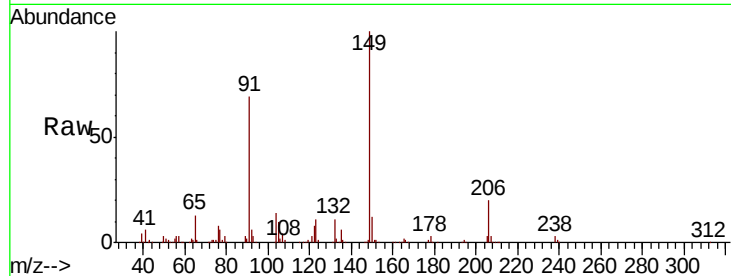




#79
Butylbenzylphthalate
Concen: 37.920 ng
RT: 13.27 min Scan# 1902
Delta R.T. 0.00 min
Lab File: BF109327.D
Acq: 26 Sep 2018 10:00

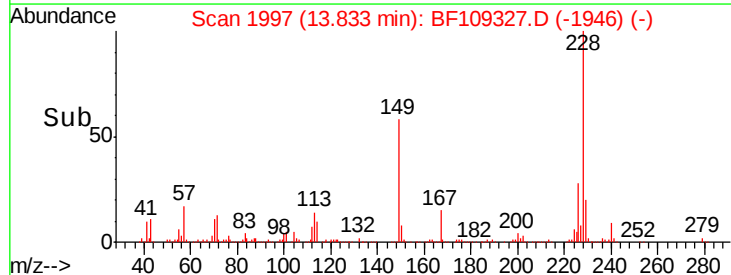
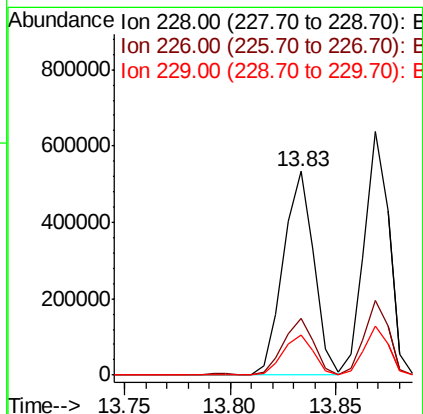
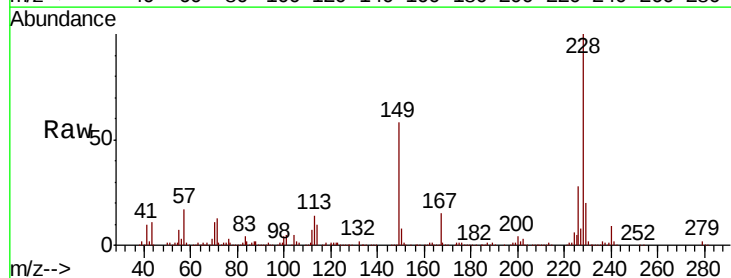
Instrument :
BNA_F
ClientSampleId :

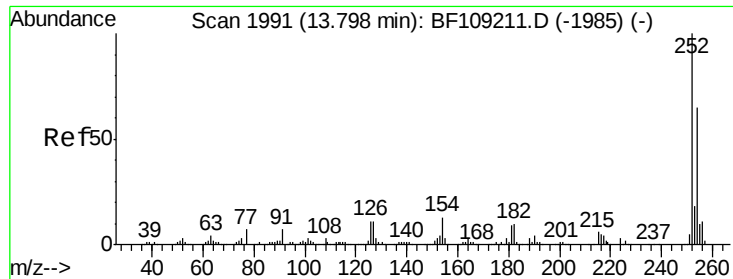
Tot Ion:149 Resp: 277750
Ion Ratio Lower Upper
149 100
91 69.4 56.8 85.2
206 20.3 14.1 21.1



#80
Benzo(a)anthracene
Concen: 37.230 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BF109327.D
Acq: 26 Sep 2018 10:00

Tgt Ion:228 Resp: 538699
Ion Ratio Lower Upper
228 100
226 27.8 22.6 33.8
229 20.0 15.8 23.6

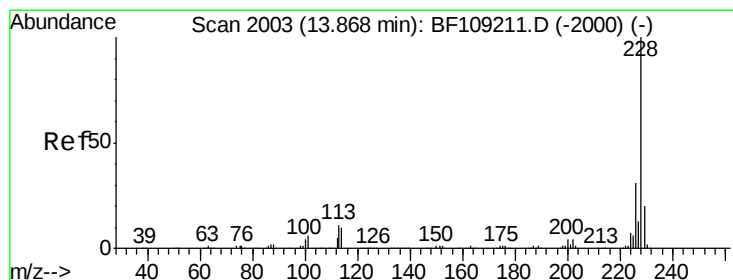
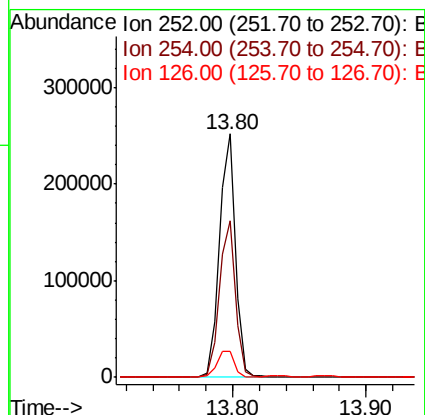
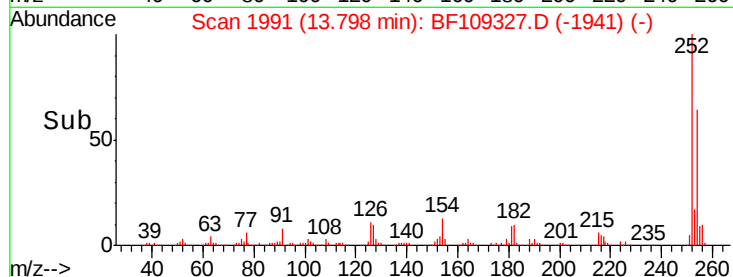
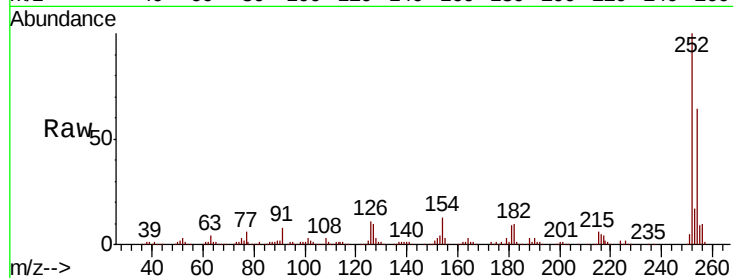




#81
 3,3'-Dichlorobenzidine
 Concen: 38.936 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. -0.01 min
 Lab File: BF109327.D
 Acq: 26 Sep 2018 10:00

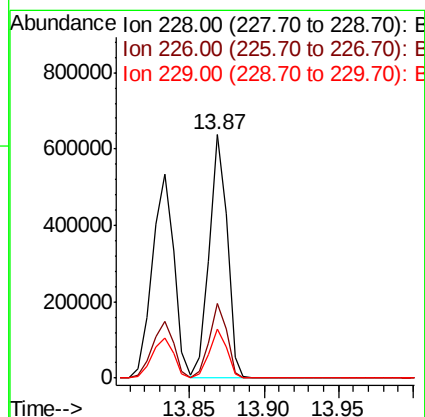
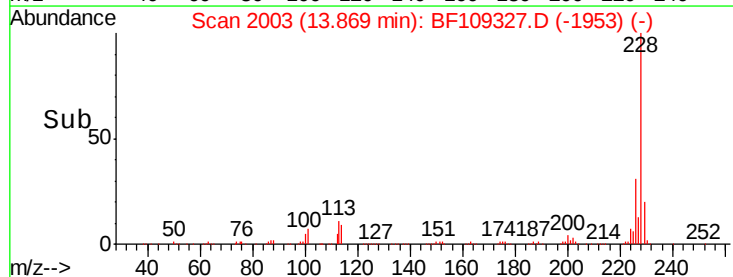
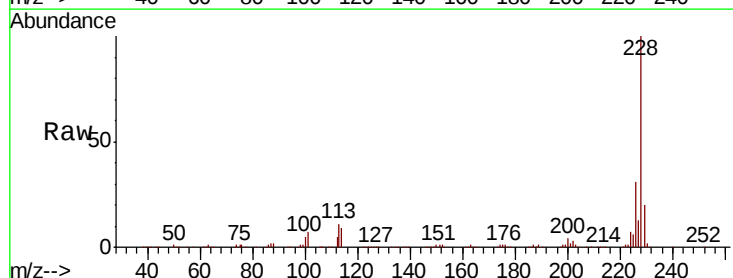
Instrument :
 BNA_F
 ClientSampleId :

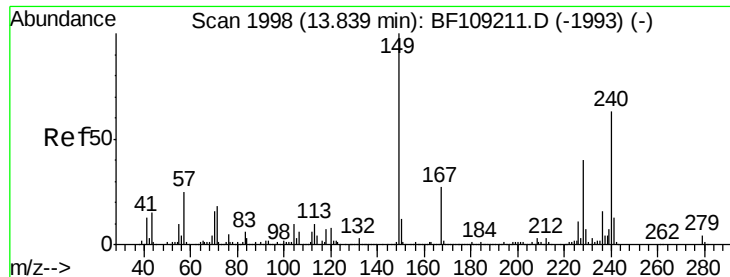
Tot Ion:252 Resp: 214107
 Ion Ratio Lower Upper
 252 100
 254 64.4 50.4 75.6
 126 10.6 11.3 16.9#



#82
 Chrysene
 Concen: 36.716 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF109327.D
 Acq: 26 Sep 2018 10:00

Tgt Ion:228 Resp: 526560
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.0 37.6
 229 20.2 16.2 24.4

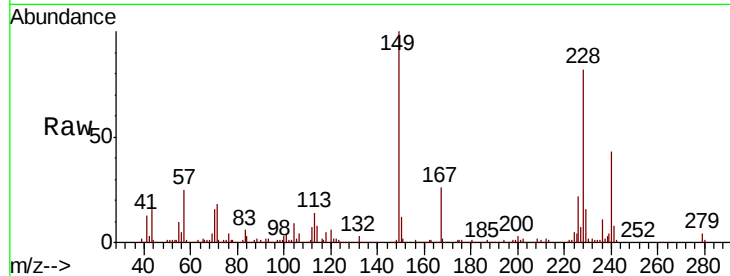




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.245 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. 0.00 min
 Lab File: BF109327.D
 Acq: 26 Sep 2018 10:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.3	31.9
279	3.8	3.0	4.4

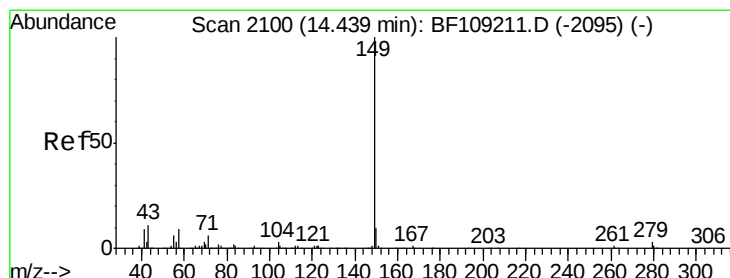
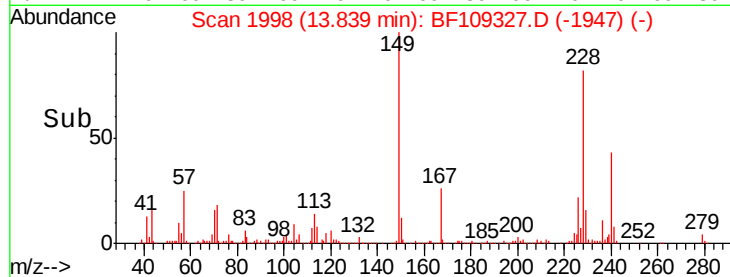
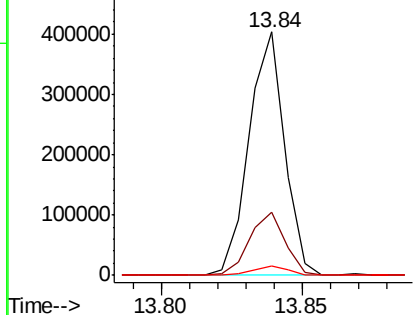


Abundance

Ion 149.00 (148.70 to 149.70): E

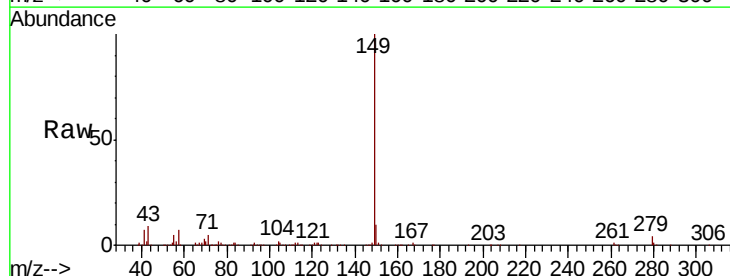
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
 Di-n-octyl phthalate
 Concen: 40.783 ng
 RT: 14.44 min Scan# 2101
 Delta R.T. 0.00 min
 Lab File: BF109327.D
 Acq: 26 Sep 2018 10:00

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

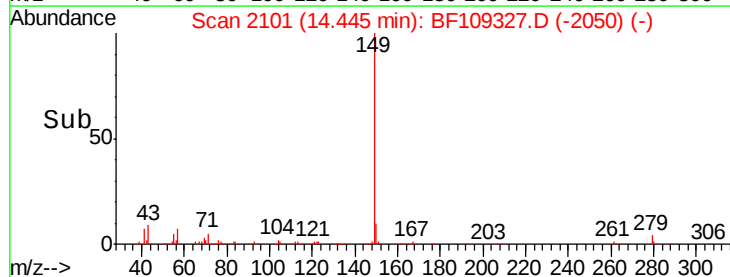
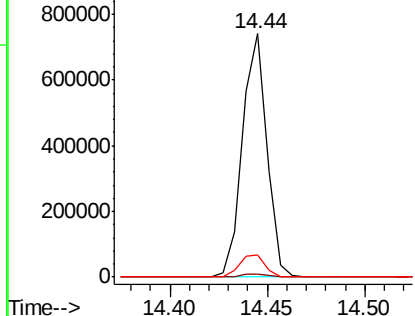


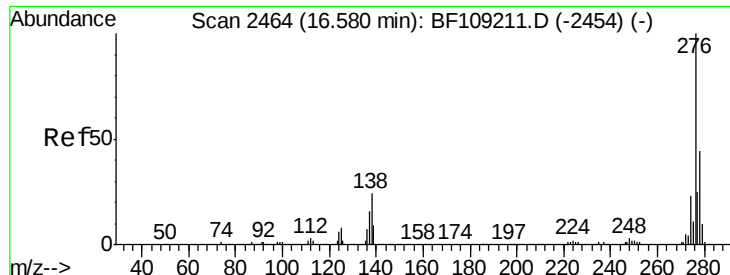
Abundance

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

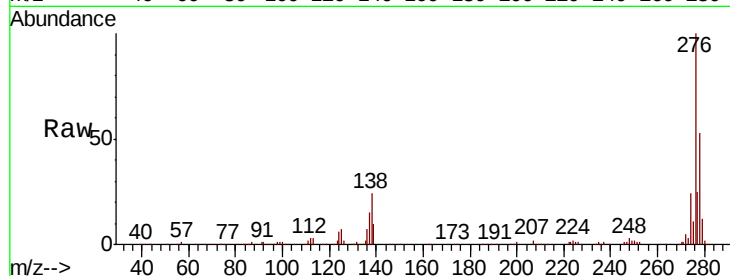




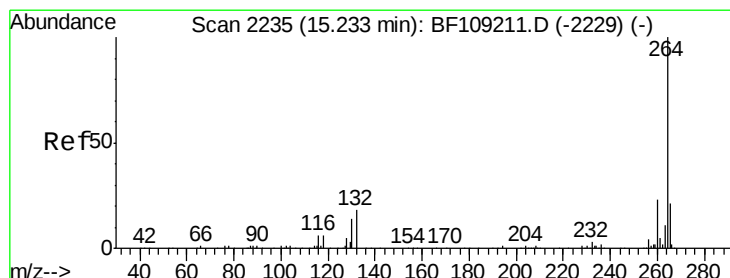
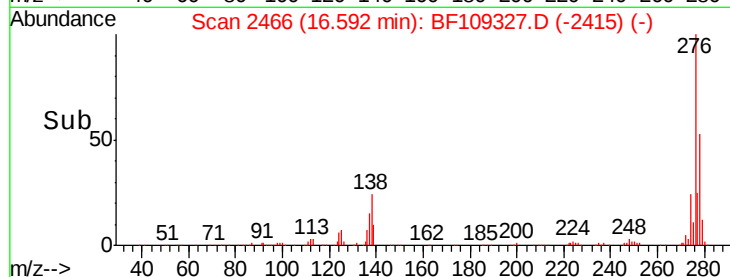
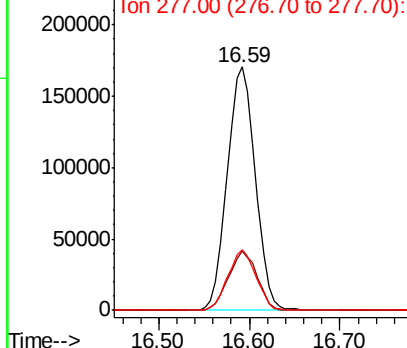
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.679 ng
 RT: 16.59 min Scan# 2466
 Delta R.T. 0.00 min
 Lab File: BF109327.D
 Acq: 26 Sep 2018 10:00

Instrument :
 BNA_F
 ClientSampleId :

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

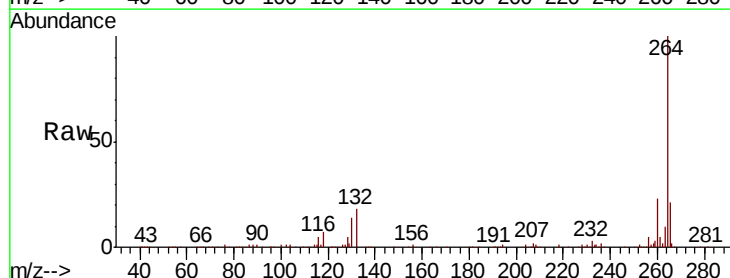


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

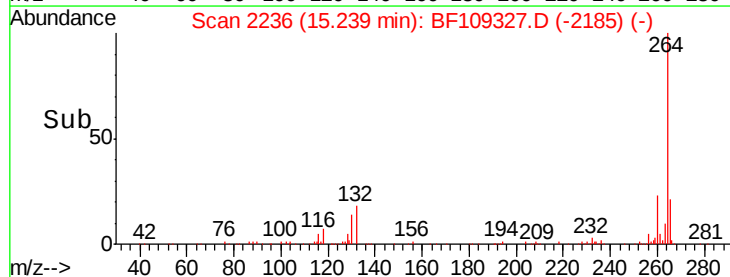
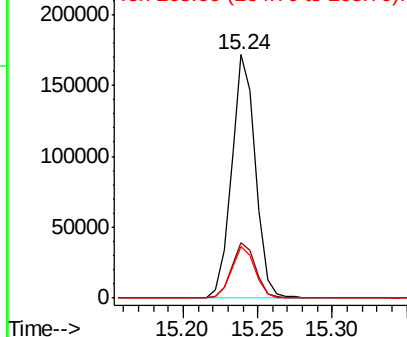


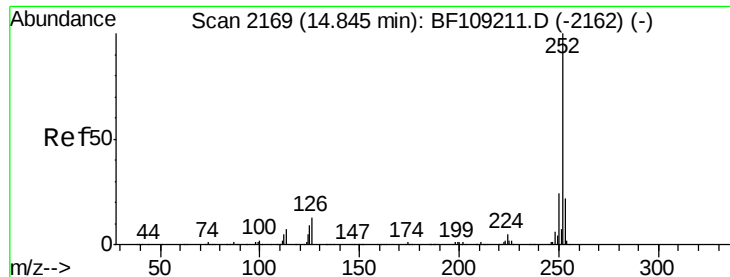
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BF109327.D
 Acq: 26 Sep 2018 10:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.0	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: 36.087 ng

RT: 14.87 min Scan# 2174

Delta R.T. 0.02 min

Lab File: BF109327.D

Acq: 26 Sep 2018 10:00

Instrument :

BNA_F

ClientSampleId :

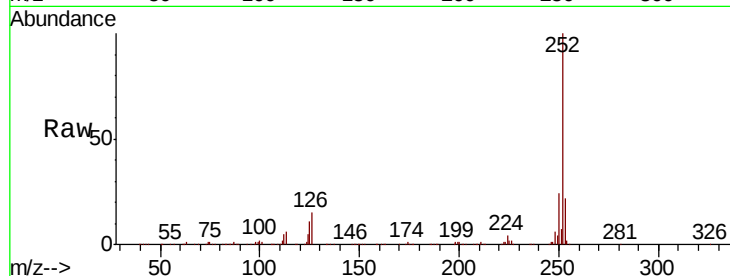
Tot Ion:252 Resp: 379581

Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.6

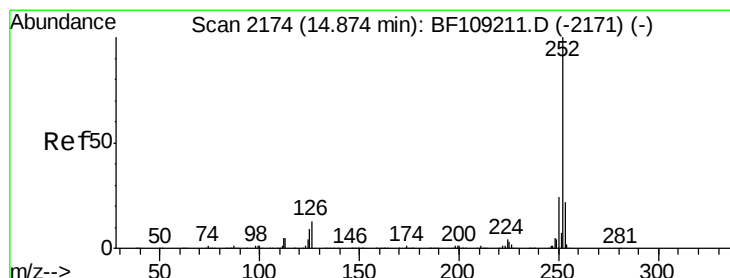
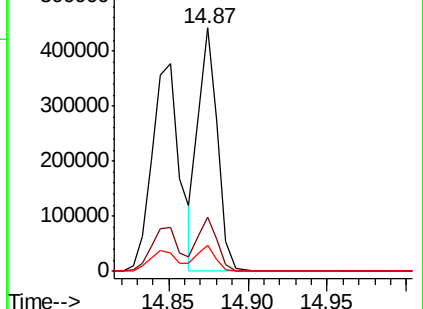
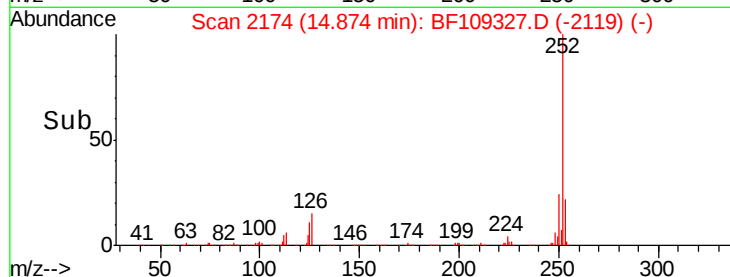
125 10.7 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 38.030 ng

RT: 14.87 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BF109327.D

Acq: 26 Sep 2018 10:00

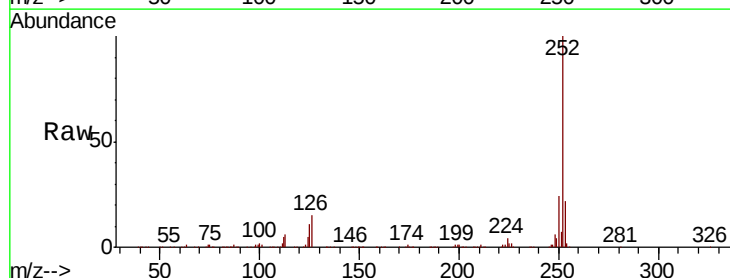
Tgt Ion:252 Resp: 379581

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

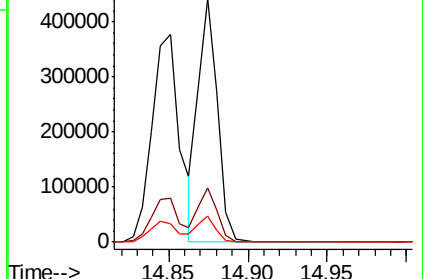
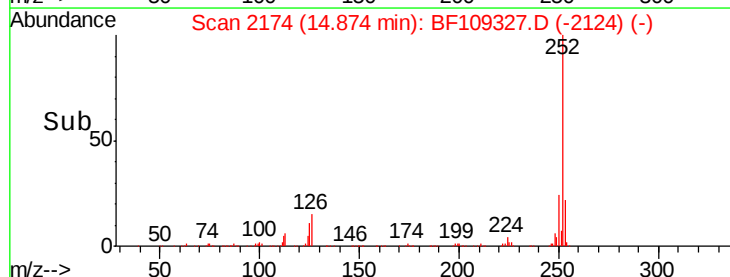
125 10.7 10.2 15.2

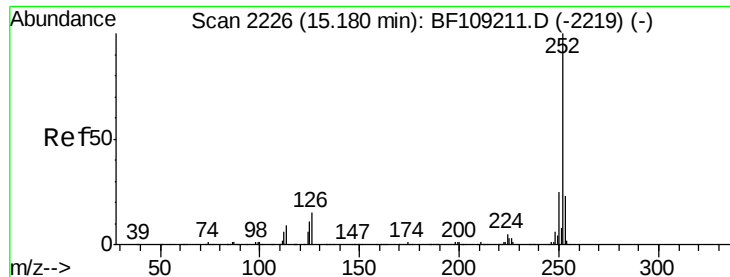


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.637 ng

RT: 15.19 min Scan# 2227

Delta R.T. 0.00 min

Lab File: BF109327.D

Acq: 26 Sep 2018 10:00

Instrument :

BNA_F

ClientSampleId :

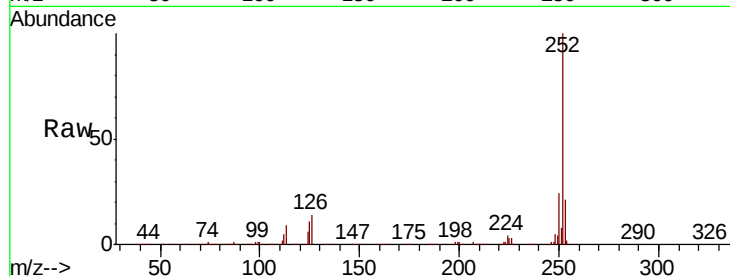
Tot Ion:252 Resp: 375684

Ion Ratio Lower Upper

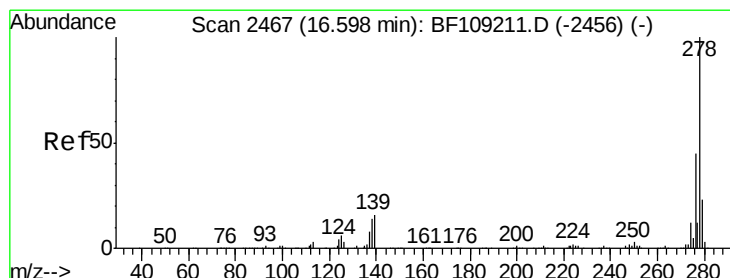
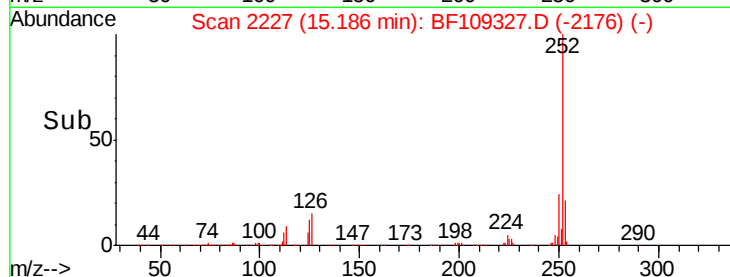
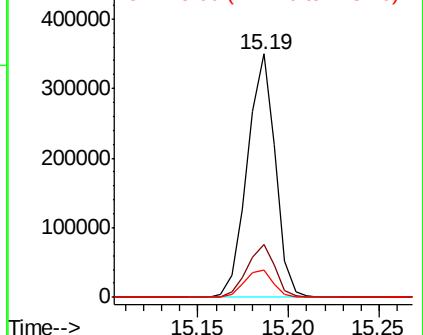
252 100

253 21.5 17.1 25.7

125 11.0 9.8 14.6



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



#90

Dibenzo(a,h)anthracene

Concen: 39.223 ng

RT: 16.60 min Scan# 2468

Delta R.T. -0.01 min

Lab File: BF109327.D

Acq: 26 Sep 2018 10:00

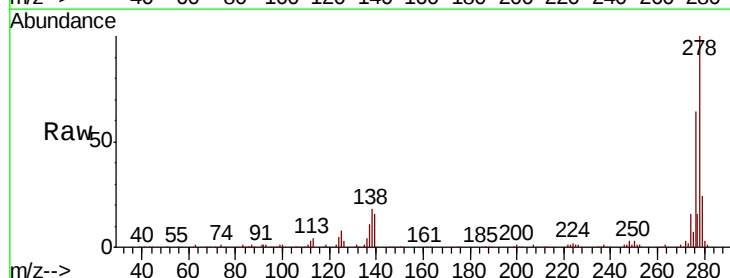
Tgt Ion:278 Resp: 304990

Ion Ratio Lower Upper

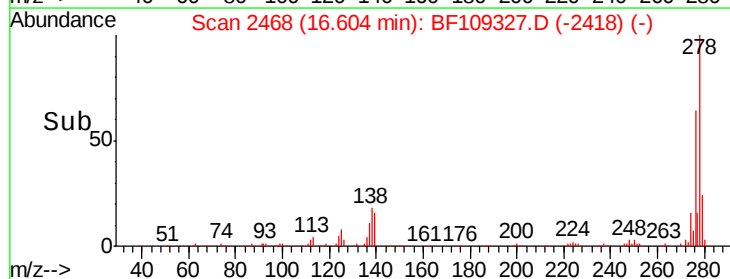
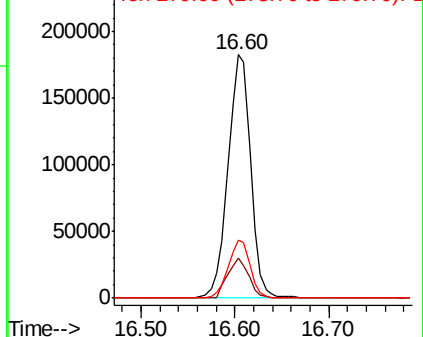
278 100

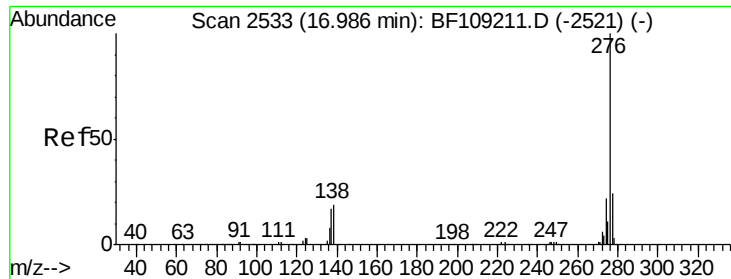
139 16.4 15.9 23.9

279 24.0 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 40.182 ng
 RT: 17.00 min Scan# 2535
 Delta R.T. 0.00 min
 Lab File: BF109327.D
 Acq: 26 Sep 2018 10:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	20.8	21.8	32.8

