

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122217\
 Data File : BF101688.D
 Acq On : 23 Dec 2017 8:08
 Operator : SJ/JU
 Sample : I6835-03
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-4539-02

Quant Time: Dec 24 22:32:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 16:07:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	149559	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	472176	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	248379	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	426803	20.00	ng	0.00
75) Chrysene-d12	13.96	240	290868	20.00	ng	0.00
86) Perylene-d12	15.43	264	264278	20.00	ng	0.00

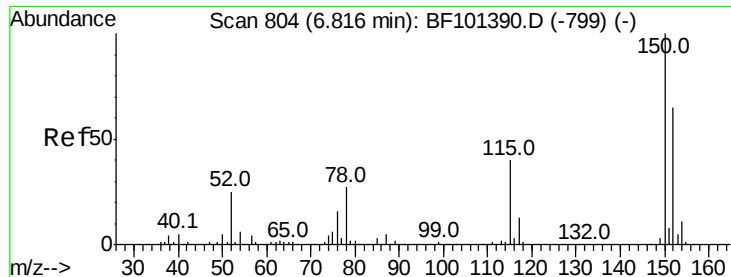
System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1296074	129.09	ng	0.02
7) Phenol-d6	6.45	99	1419104	113.57	ng	0.02
23) Nitrobenzene-d5	7.36	82	1024173	120.74	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	351395	146.82	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1591220	99.38	ng	0.00
78) Terphenyl-d14	12.90	244	1386519	114.92	ng	0.00

Target Compounds

						Qvalue
10) Phenol	6.47	94	1282699	90.064	ng	98
17) 2-Methylphenol	7.06	107	569737	58.643	ng	99
18) Hexachloroethane	7.22	117	95632	22.596	ng	# 3
19) n-Nitroso-di-n-propylamine	7.36	70	139415	16.989	ng	# 82
20) 3+4-Methylphenols	7.22	107	1477741	143.537	ng	85
24) Nitrobenzene	7.48	77	64821	6.905	ng	# 61
25) Isophorone	7.36	82	1024158	60.187	ng	# 64
27) 2,4-Dimethylphenol	7.74	122	699279	102.057	ng	97
28) bis(2-Chloroethoxy)methane	7.88	93	28967	2.680	ng	# 1
31) Naphthalene	8.10	128	6278430	264.121	ng	98
32) Benzoic acid	7.88	122	675278	129.969	ng	# 13
33) 4-Chloroaniline	8.10	127	897523	86.871	ng	# 34
35) Caprolactam	8.78	113	10967	4.666	ng	# 1
37) 2-Methylnaphthalene	8.78	142	498159	32.166	ng	100
45) 1,1'-Biphenyl	9.25	154	110632	5.022	ng	98
48) Acenaphthylene	9.69	152	759357	28.525	ng	100
50) 2,6-Dinitrotoluene	9.82	165	33804	8.325	ng	# 27
51) Acenaphthene	9.86	154	110219	6.891	ng	95
54) Dibenzofuran	10.03	168	317826	15.637	ng	99
55) 4-Nitrophenol	10.03	139	118518	53.690	ng	# 10
56) 2,4-Dinitrotoluene	9.82	165	33804	7.389	ng	# 24
57) Fluorene	10.37	166	291018	16.925	ng	99
66) 4-Bromophenyl-phenylether	10.62	248	20863	4.350	ng	# 1
70) Phenanthrene	11.34	178	346151	14.584	ng	99
71) Anthracene	11.34	178	346151	14.277	ng	99
72) Carbazole	11.56	167	754996	33.261	ng	99

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

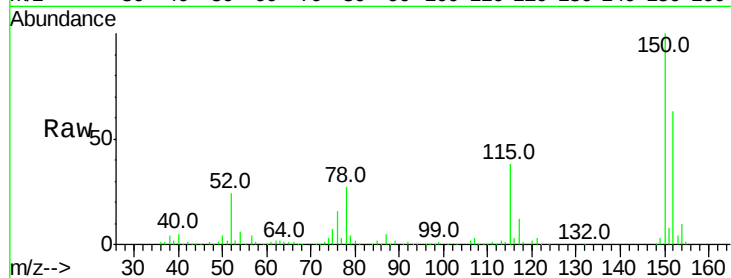


#1

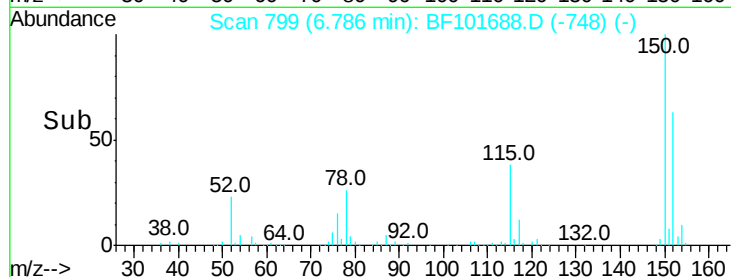
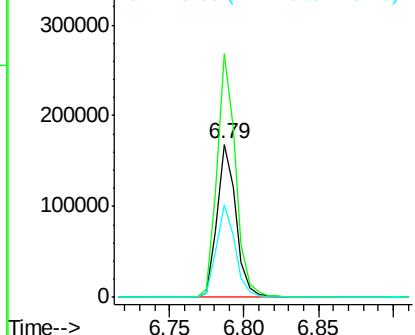
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101688.D
Acq: 23 Dec 2017 8:08

Instrument :
BNA_F
ClientSampleId :
WC-4539-02

Tot Ion:152 Resp: 149559
Ion Ratio Lower Upper
152 100
150 159.4 124.6 186.8
115 61.0 50.1 75.1



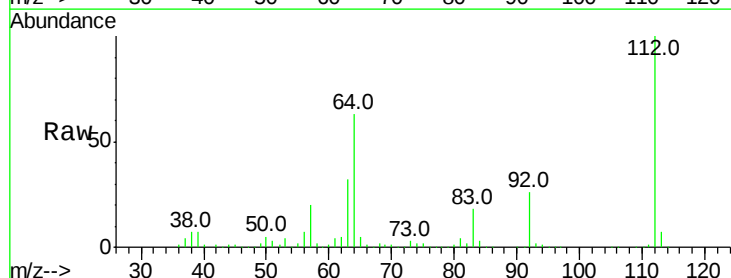
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



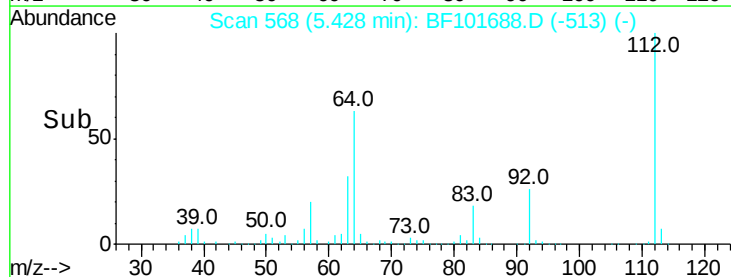
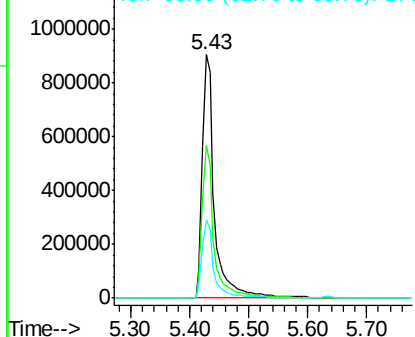
#5

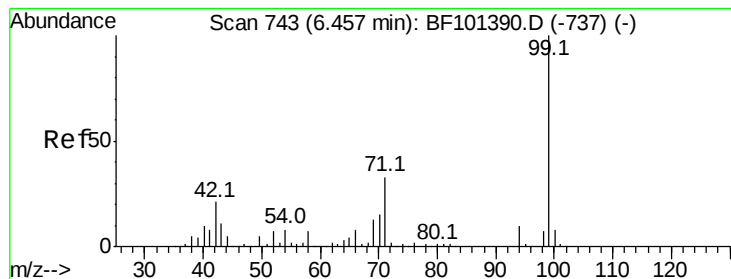
2-Fluorophenol
Concen: 129.086 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF101688.D
Acq: 23 Dec 2017 8:08

Tgt Ion:112 Resp: 1296074
Ion Ratio Lower Upper
112 100
64 62.6 47.9 71.9
63 32.4 23.7 35.5



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





#7

Phenol-d6

Concen: 113.568 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.02 min

Lab File: BF101688.D

Acq: 23 Dec 2017 8:08

Instrument :

BNA_F

ClientSampleId :

WC-4539-02

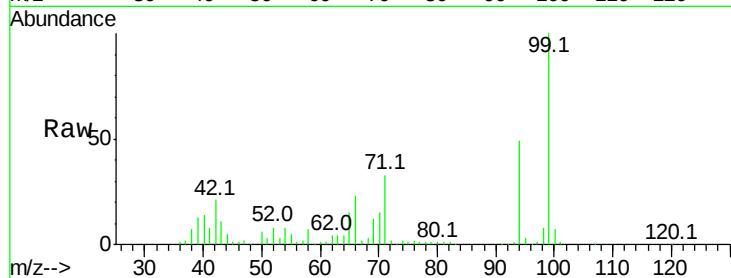
Tot Ion: 99 Resp: 1419104

Ion Ratio Lower Upper

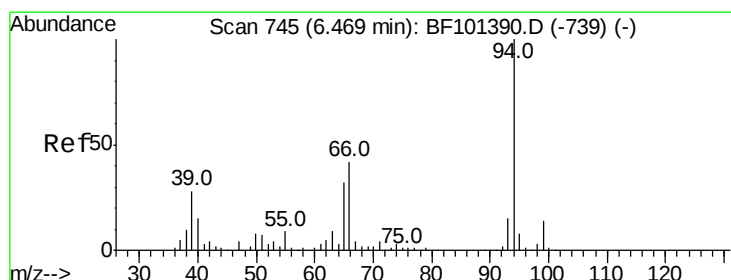
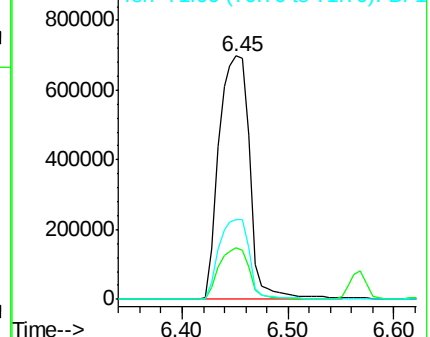
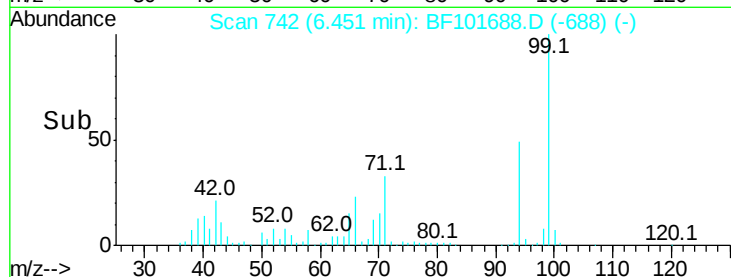
99 100

42 21.1 14.5 21.7

71 32.7 25.4 38.0



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



#10

Phenol

Concen: 90.064 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.02 min

Lab File: BF101688.D

Acq: 23 Dec 2017 8:08

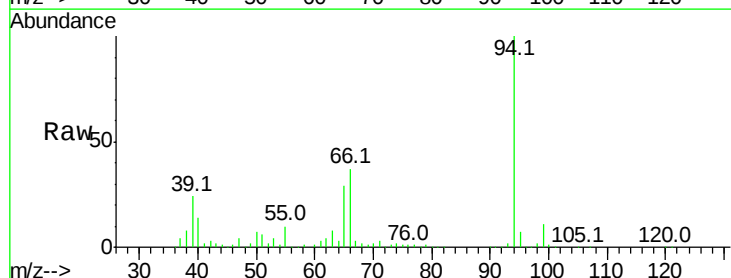
Tgt Ion: 94 Resp: 1282699

Ion Ratio Lower Upper

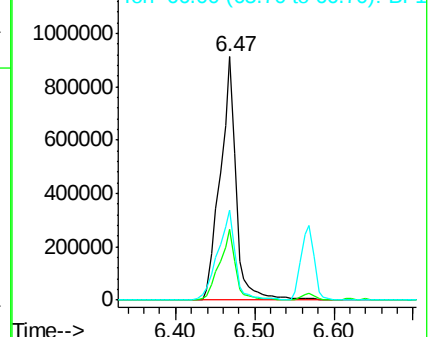
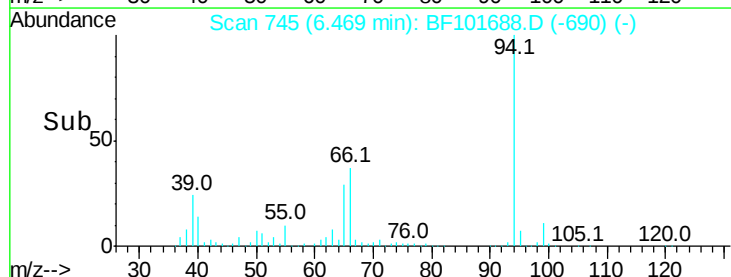
94 100

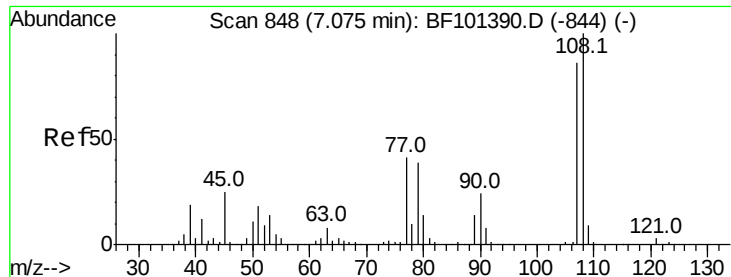
65 29.1 7.9 47.9

66 37.2 16.2 56.2



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





#17

2-Methylphenol

Concen: 58.643 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.01 min

Lab File: BF101688.D

Acq: 23 Dec 2017 8:08

Instrument :

BNA_F

ClientSampleId :

WC-4539-02

Tot Ion:107 Resp: 569737

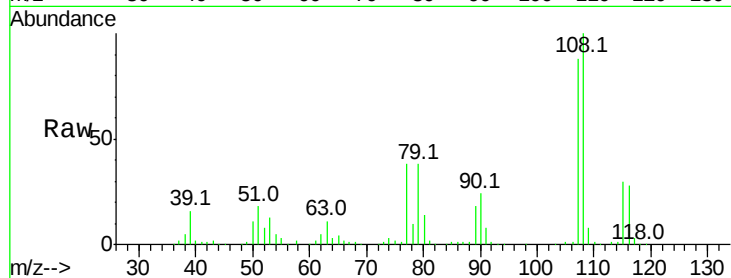
Ion Ratio Lower Upper

107 100

108 113.4 91.7 137.5

77 43.6 33.8 50.8

79 42.9 33.8 50.8

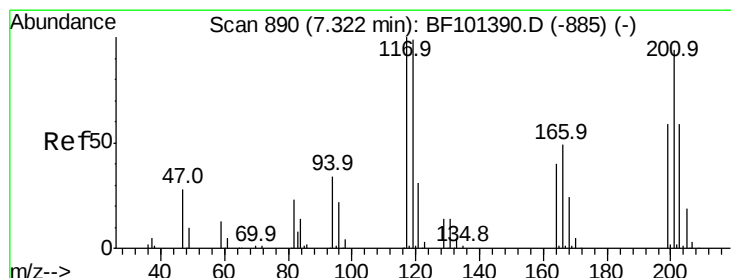
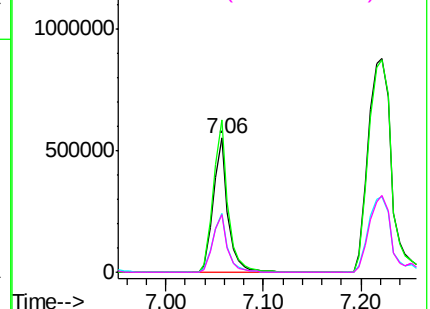
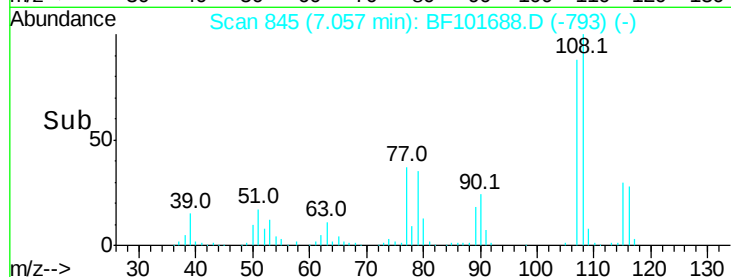


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 22.596 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.07 min

Lab File: BF101688.D

Acq: 23 Dec 2017 8:08

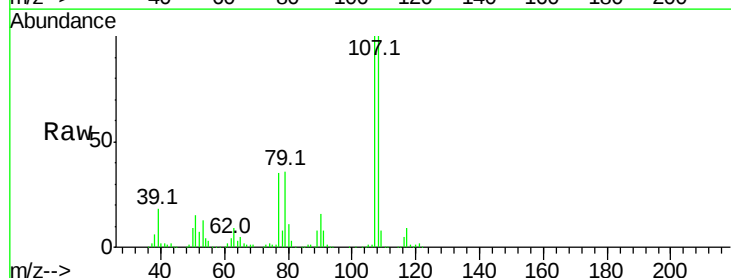
Tgt Ion:117 Resp: 95632

Ion Ratio Lower Upper

117 100

119 0.6 75.8 113.8#

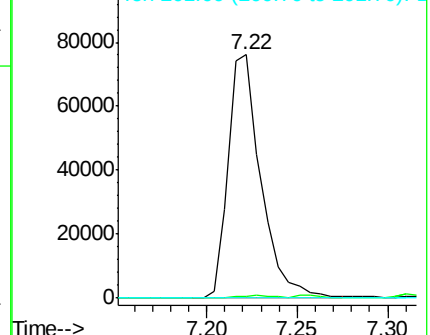
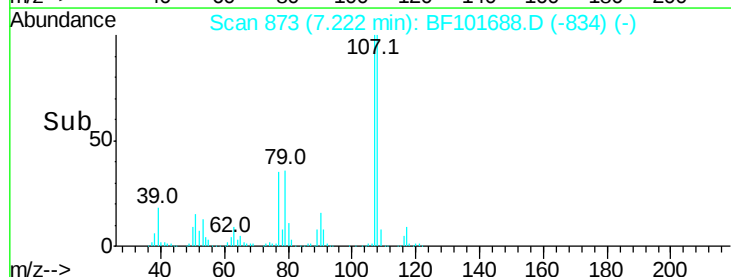
201 0.0 75.7 113.5#

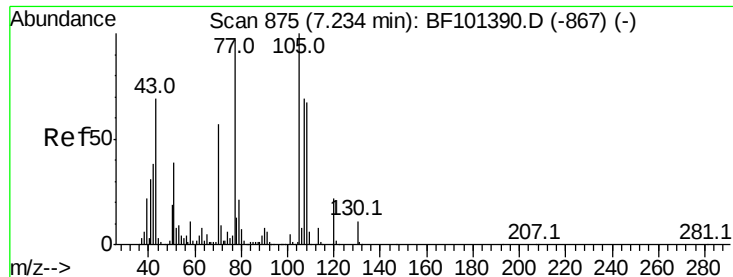


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

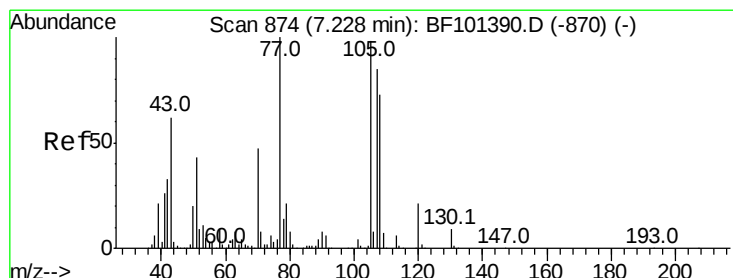
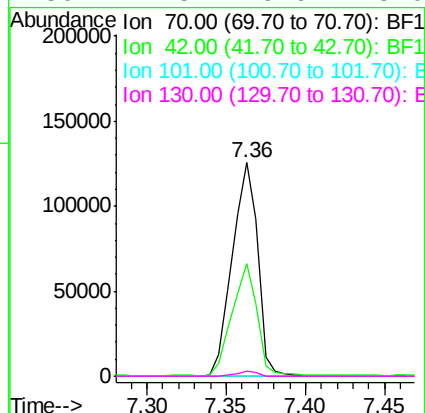
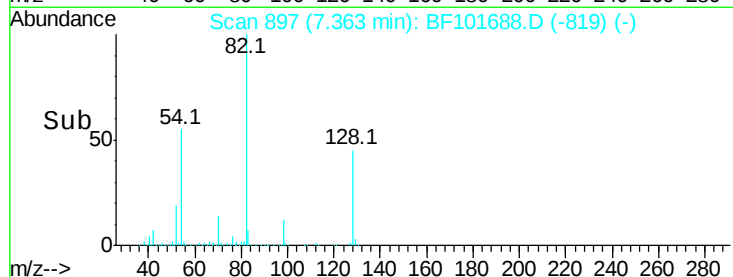
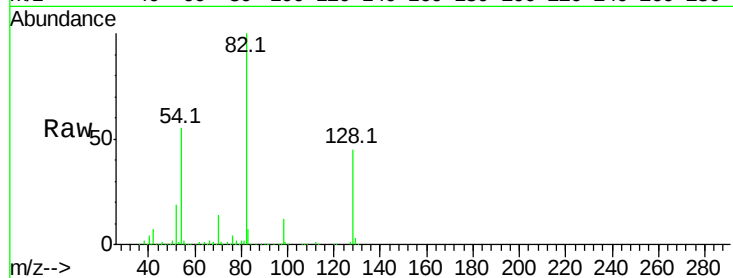




#19
n-Nitroso-di-n-propylamine
Concen: 16.989 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.16 min
Lab File: BF101688.D
Acq: 23 Dec 2017 8:08

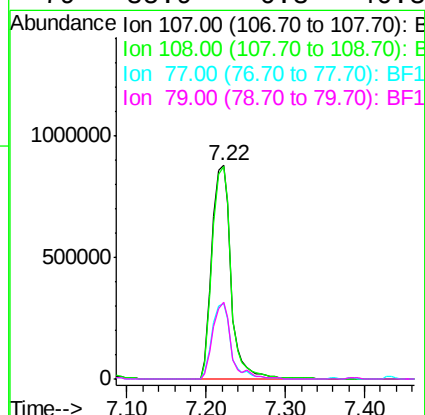
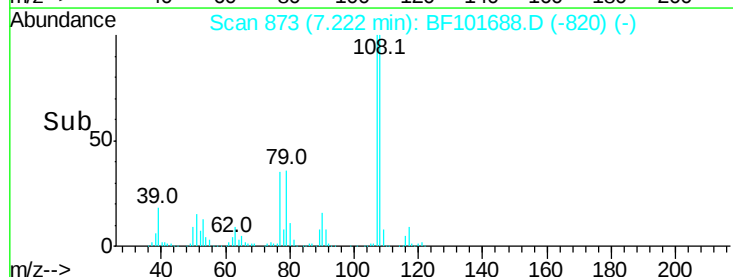
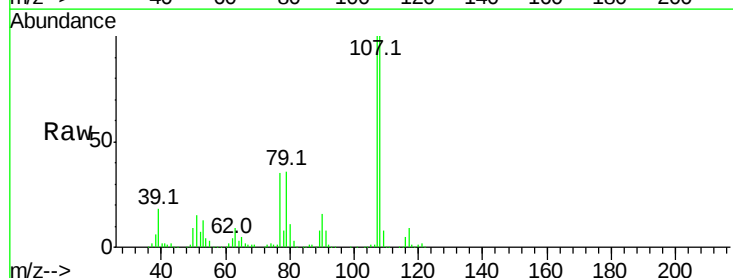
Instrument :
BNA_F
ClientSampleId :
WC-4539-02

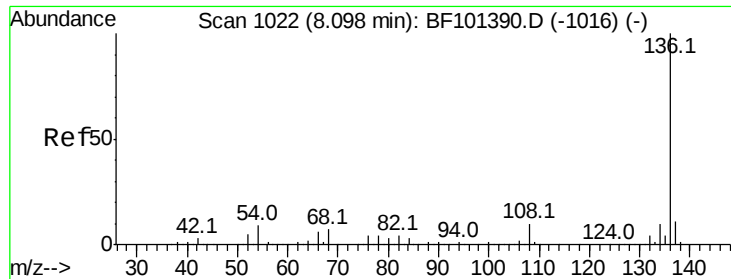
Tot Ion: 70 Resp: 139415
Ion Ratio Lower Upper
70 100
42 52.5 47.5 71.3
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



#20
3+4-Methylphenols
Concen: 143.537 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF101688.D
Acq: 23 Dec 2017 8:08

Tgt Ion: 107 Resp: 1477741
Ion Ratio Lower Upper
107 100
108 99.6 68.2 108.2
77 35.4 26.7 66.7
79 35.9 6.3 46.3

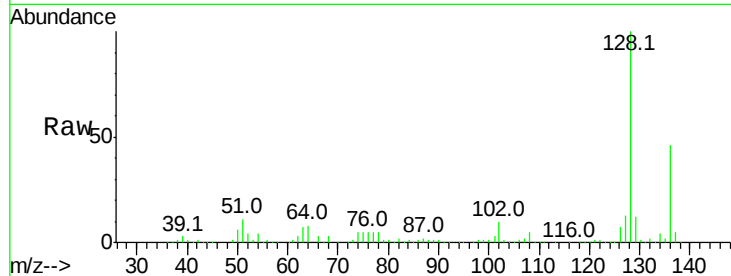




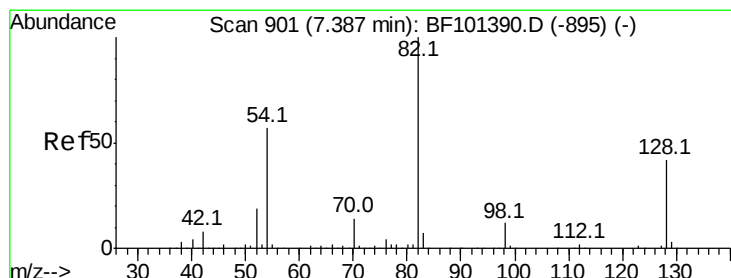
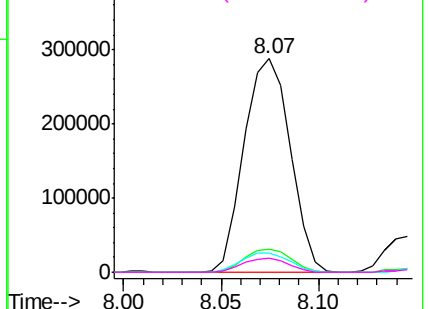
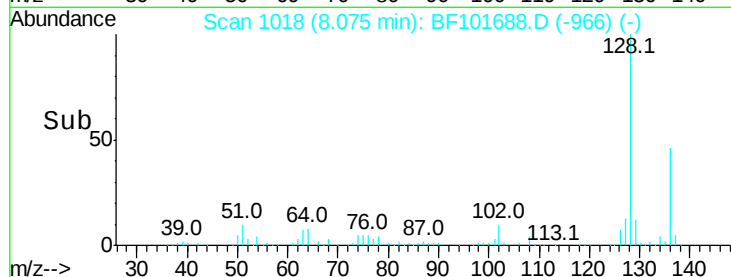
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BF101688.D
Acq: 23 Dec 2017 8:08

Instrument :
BNA_F
ClientSampleId :
WC-4539-02

Tot Ion:	136	Resp:	472176
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	9.2	6.6	9.8
68	6.5	5.0	7.4

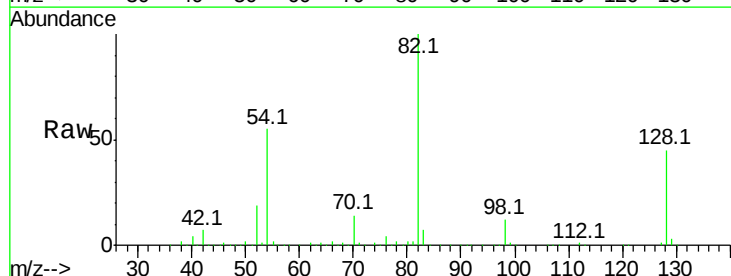


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

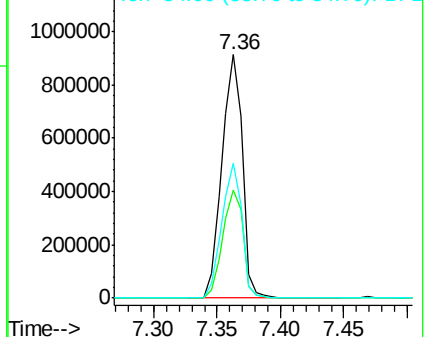
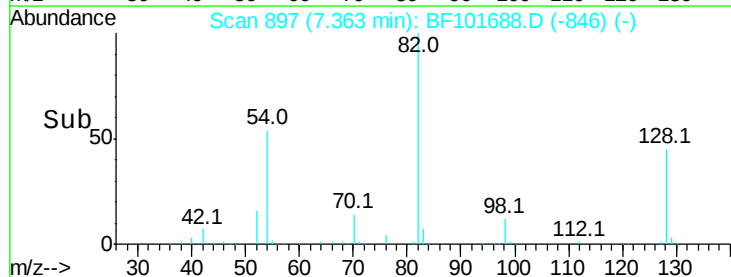


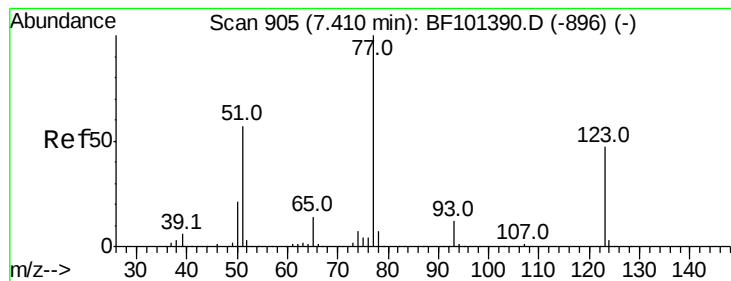
#23
Nitrobenzene-d5
Concen: 120.742 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF101688.D
Acq: 23 Dec 2017 8:08

Tgt Ion:	82	Resp:	1024173
Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.1	54.1
54	55.5	41.4	62.2



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





#24

Nitrobenzene

Concen: 6.905 ng

RT: 7.48 min Scan# 917

Delta R.T. 0.10 min

Lab File: BF101688.D

Acq: 23 Dec 2017 8:08

Instrument :

BNA_F

ClientSampleId :

WC-4539-02

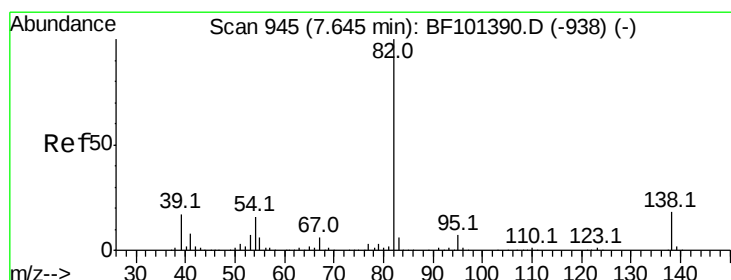
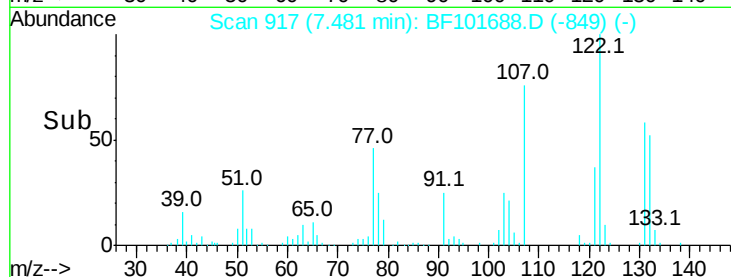
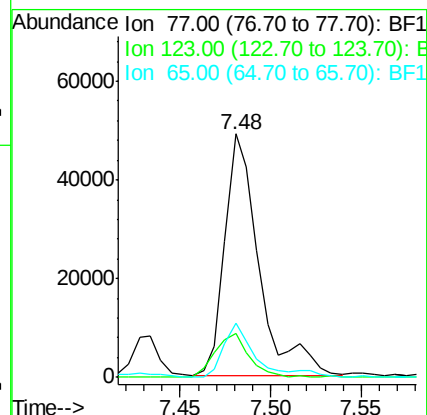
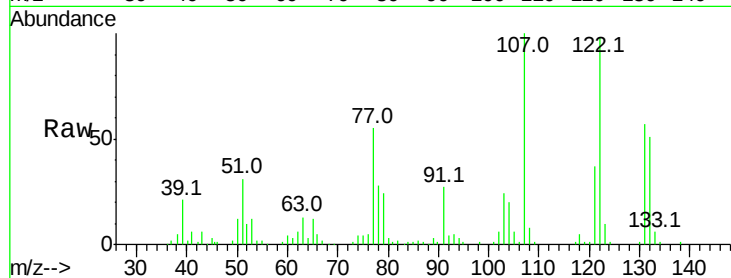
Tot Ion: 77 Resp: 64821

Ion Ratio Lower Upper

77 100

123 17.9 37.9 56.9#

65 22.4 11.0 16.4#



#25

Isophorone

Concen: 60.187 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.25 min

Lab File: BF101688.D

Acq: 23 Dec 2017 8:08

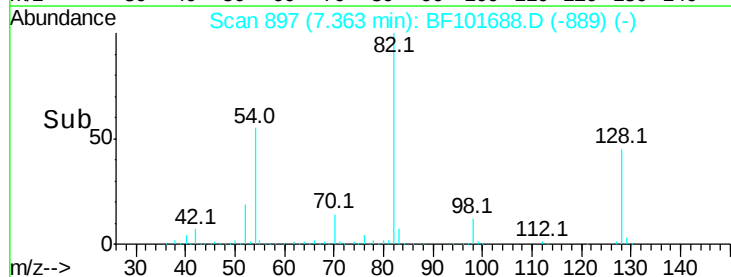
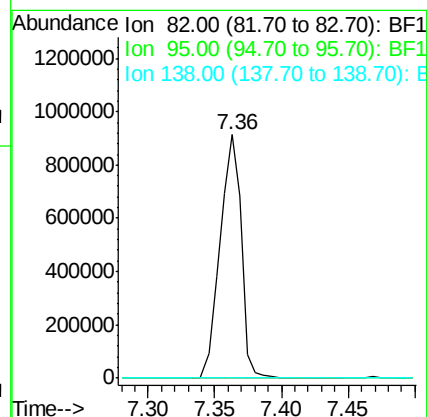
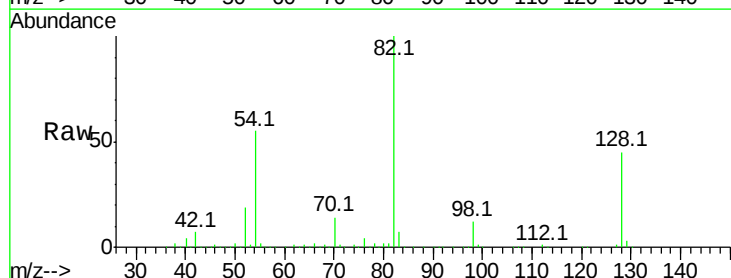
Tgt Ion: 82 Resp: 1024158

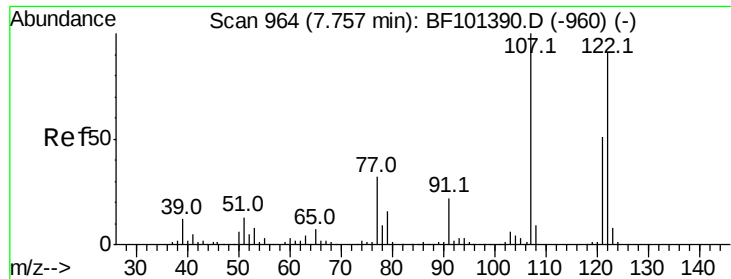
Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#





#27

2,4-Dimethylphenol

Concen: 102.057 ng

RT: 7.74 min Scan# 961

Delta R.T. 0.01 min

Lab File: BF101688.D

Acq: 23 Dec 2017 8:08

Instrument :

BNA_F

ClientSampleId :

WC-4539-02

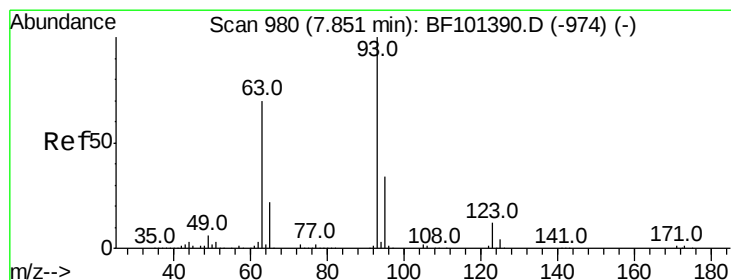
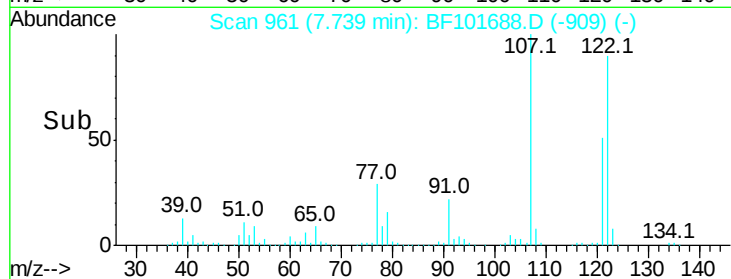
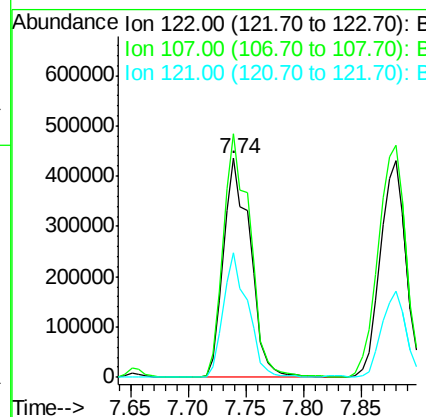
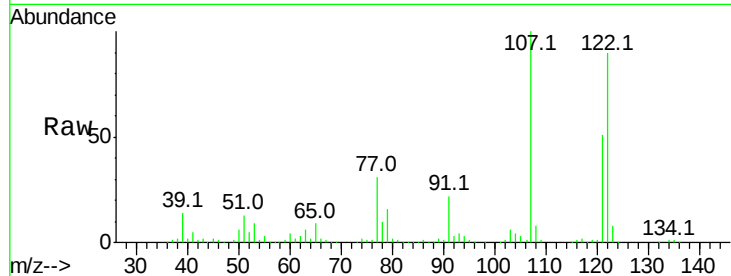
Tot Ion:122 Resp: 699279

Ion Ratio Lower Upper

122 100

107 111.2 91.2 136.8

121 57.0 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 2.680 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.06 min

Lab File: BF101688.D

Acq: 23 Dec 2017 8:08

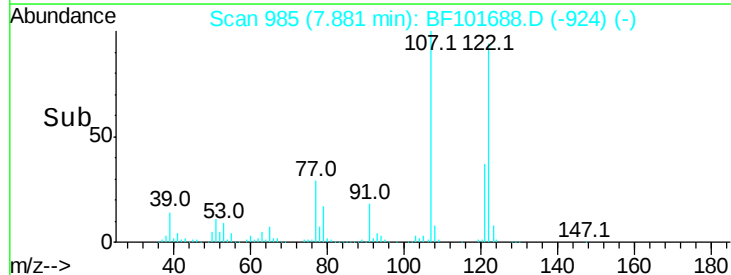
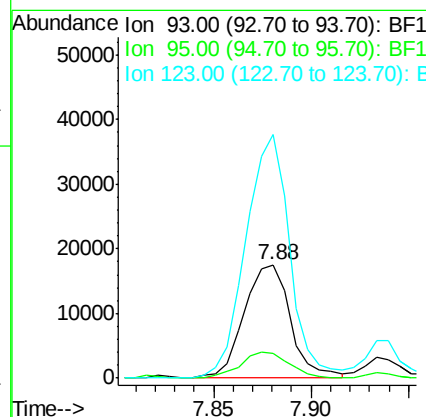
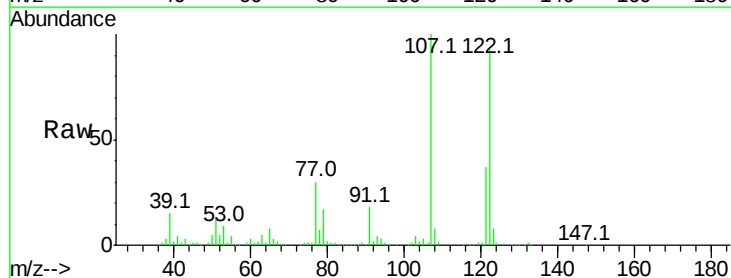
Tgt Ion: 93 Resp: 28967

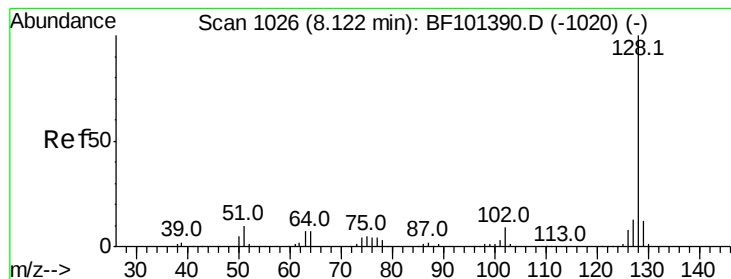
Ion Ratio Lower Upper

93 100

95 21.6 26.3 39.5#

123 214.4 9.8 14.6#





#31

Naphthalene

Concen: 264.121 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.01 min

Lab File: BF101688.D

Acq: 23 Dec 2017 8:08

Instrument :

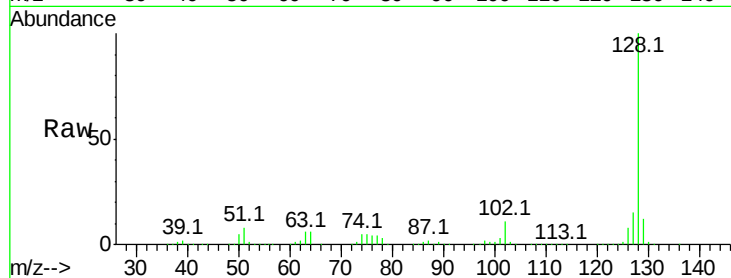
BNA_F

ClientSampleId :

WC-4539-02

Tot Ion:128 Resp: 6278430

Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.8	13.2
127	14.6	10.9	16.3

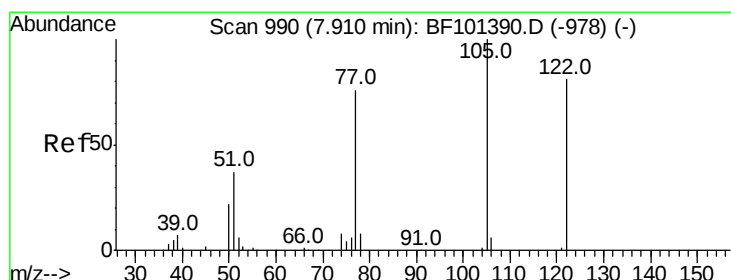
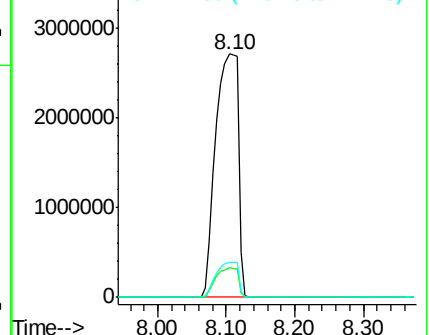
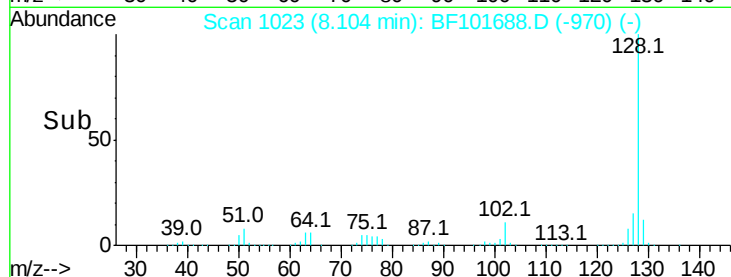


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 129.969 ng

RT: 7.88 min Scan# 985

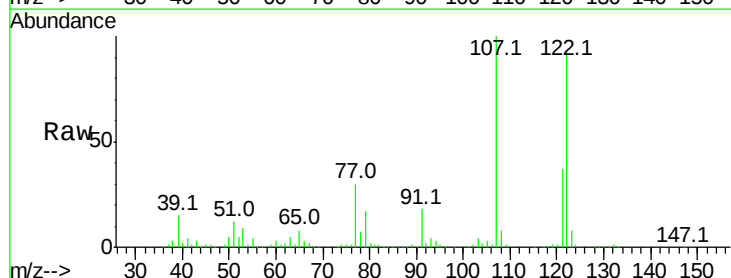
Delta R.T. -0.01 min

Lab File: BF101688.D

Acq: 23 Dec 2017 8:08

Tgt Ion:122 Resp: 675278

Ion	Ratio	Lower	Upper
122	100		
105	3.2	101.1	141.1#
77	32.2	70.7	110.7#

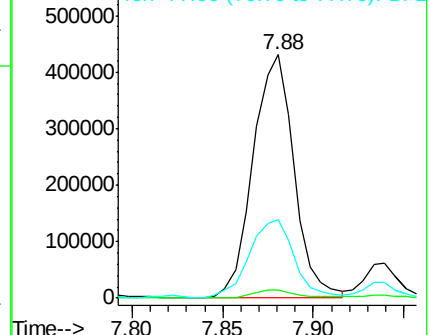
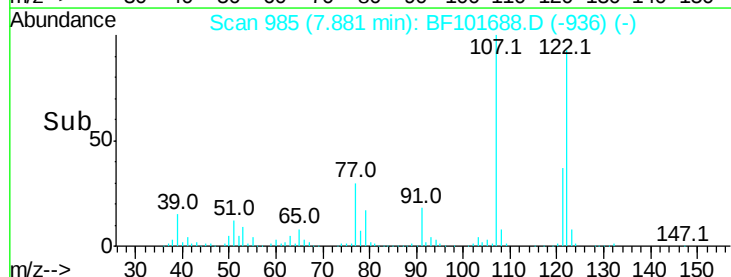


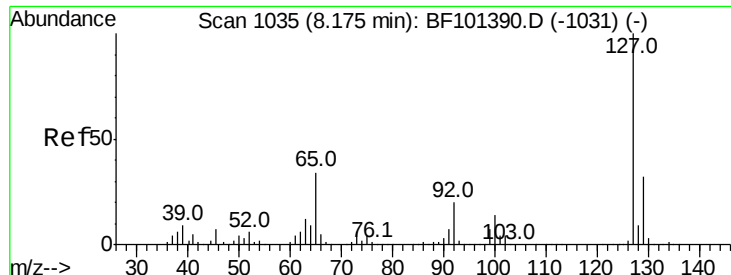
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

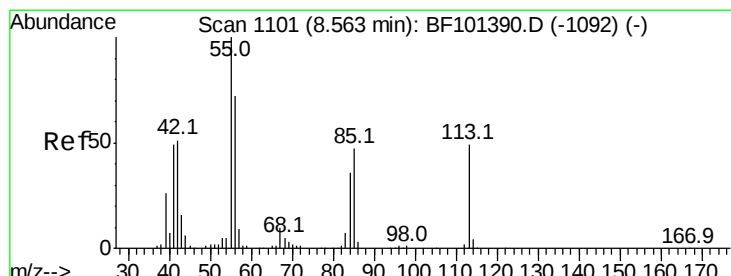
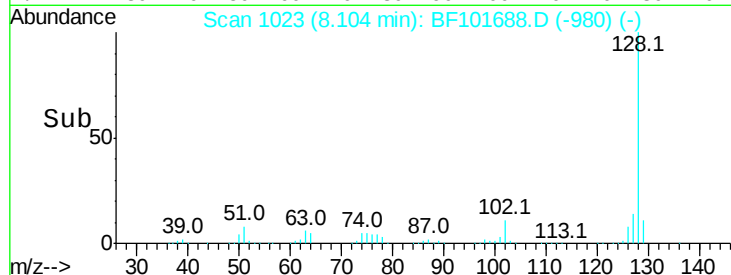
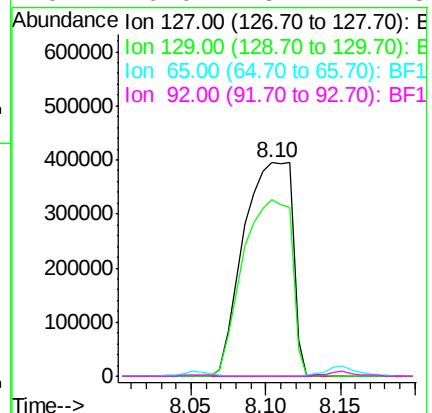
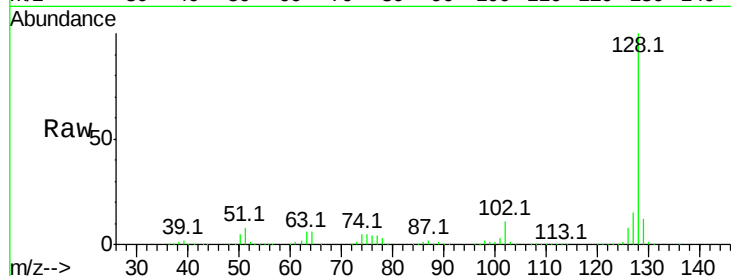




#33
4-Chloroaniline
Concen: 86.871 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.05 min
Lab File: BF101688.D
Acq: 23 Dec 2017 8:08

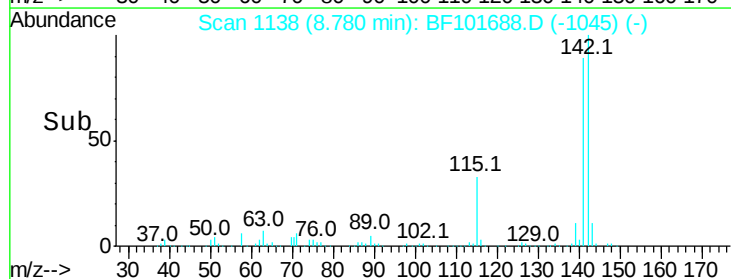
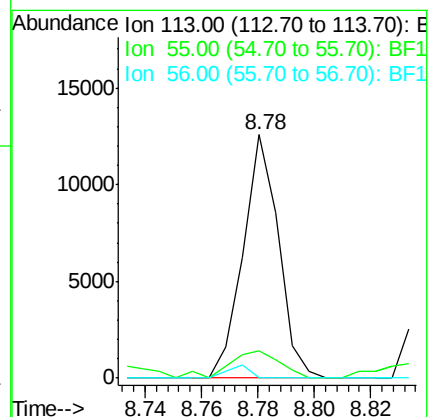
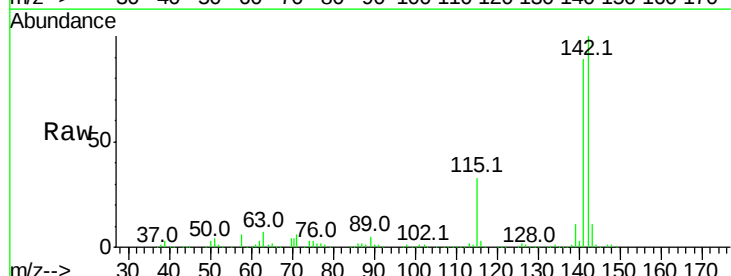
Instrument :
BNA_F
ClientSampleId :
WC-4539-02

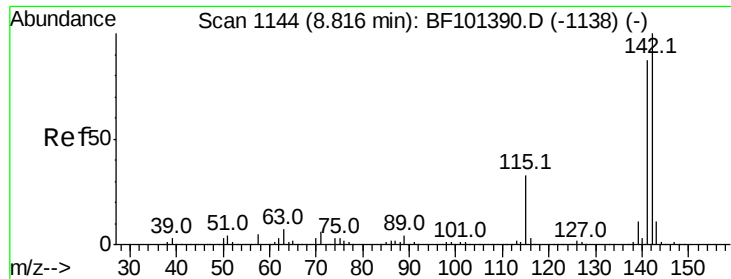
Tot Ion:	127	Resp:	897523
Ion	Ratio	Lower	Upper
127	100		
129	82.5	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



#35
Caprolactam
Concen: 4.666 ng
RT: 8.78 min Scan# 1138
Delta R.T. 0.25 min
Lab File: BF101688.D
Acq: 23 Dec 2017 8:08

Tgt Ion:	113	Resp:	10967
Ion	Ratio	Lower	Upper
113	100		
55	11.4	163.3	203.3#
56	0.0	115.7	155.7#

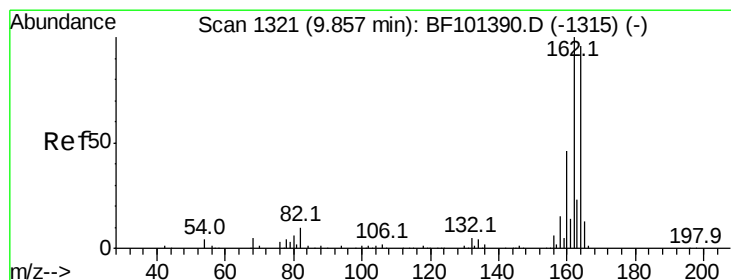
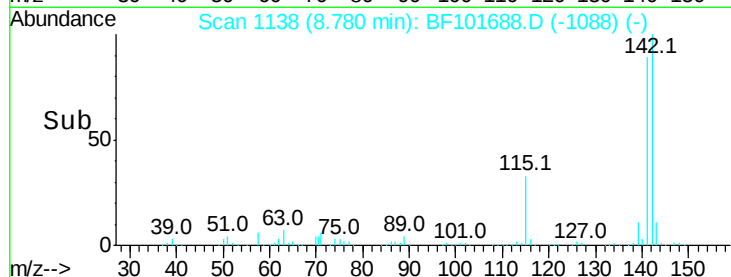
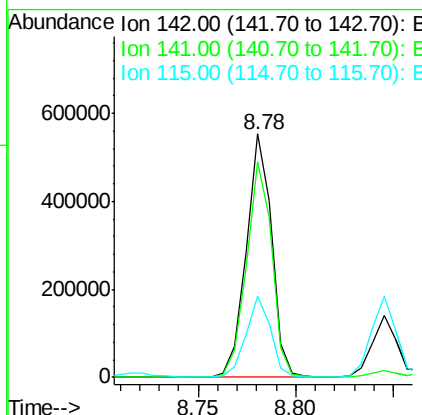
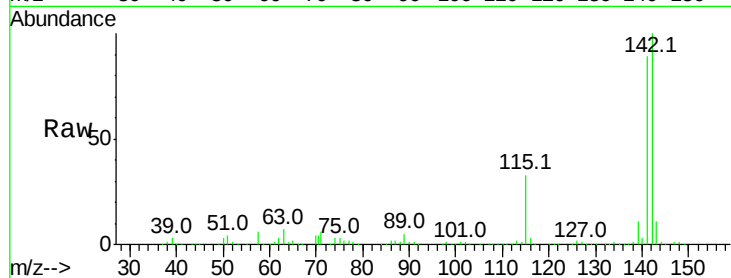




#37
 2-Methylnaphthalene
 Concen: 32.166 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BF101688.D
 Acq: 23 Dec 2017 8:08

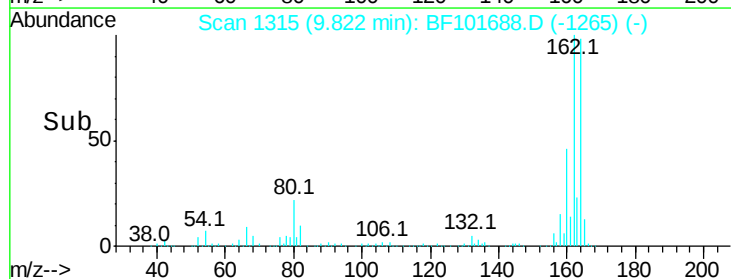
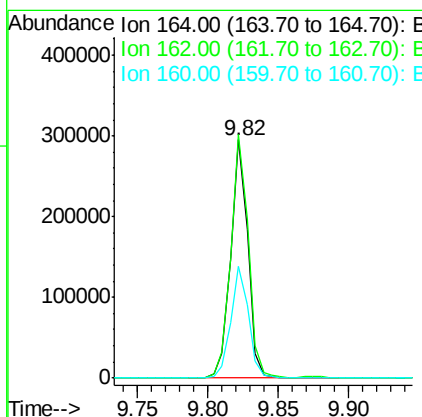
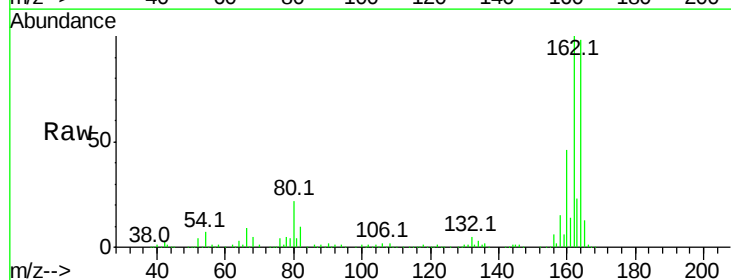
Instrument :
 BNA_F
 ClientSampleId :
 WC-4539-02

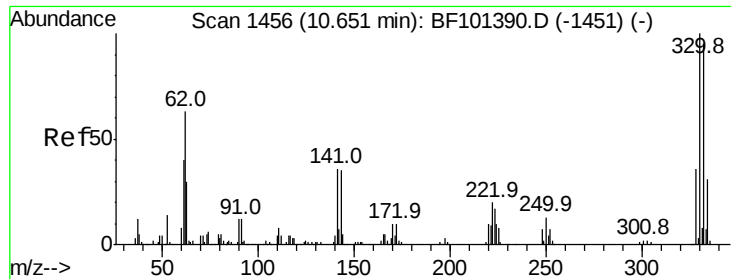
Tot Ion:142 Resp: 498159
 Ion Ratio Lower Upper
 142 100
 141 88.6 70.8 106.2
 115 33.5 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF101688.D
 Acq: 23 Dec 2017 8:08

Tgt Ion:164 Resp: 248379
 Ion Ratio Lower Upper
 164 100
 162 102.2 86.1 129.1
 160 47.1 38.3 57.5

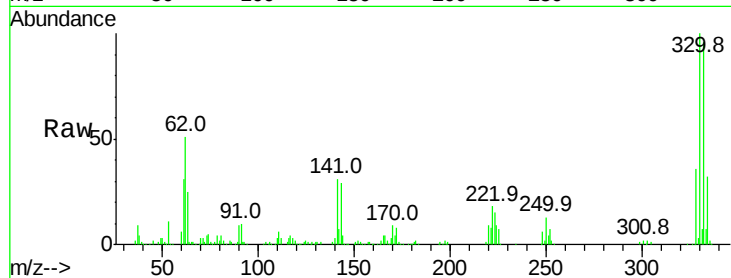




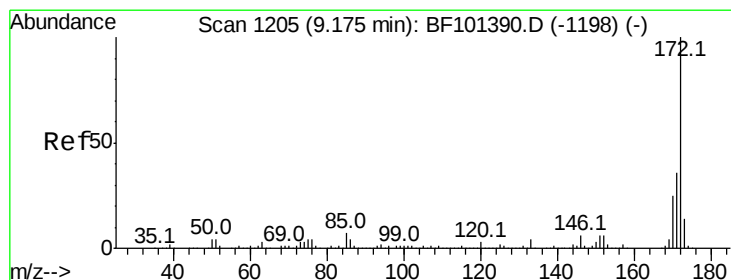
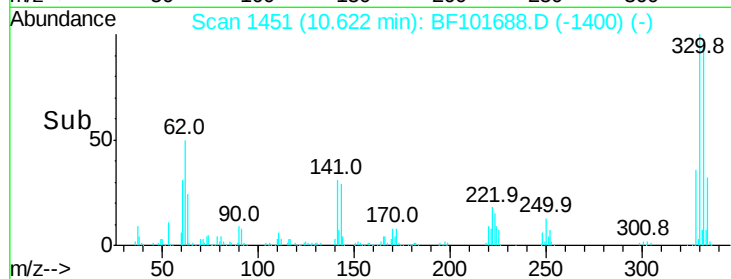
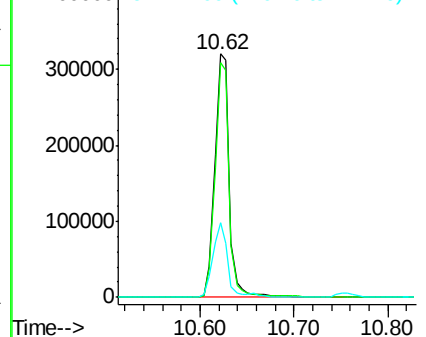
#41
 2,4,6-Tribromophenol
 Concen: 146.823 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF101688.D
 Acq: 23 Dec 2017 8:08

Instrument :
 BNA_F
 ClientSampleId :
 WC-4539-02

Tot Ion:330 Resp: 351395
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 32.1 29.9 44.9

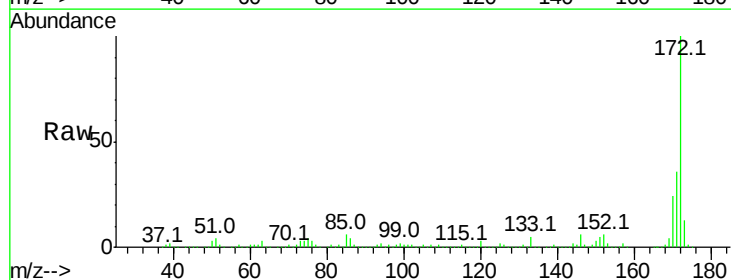


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

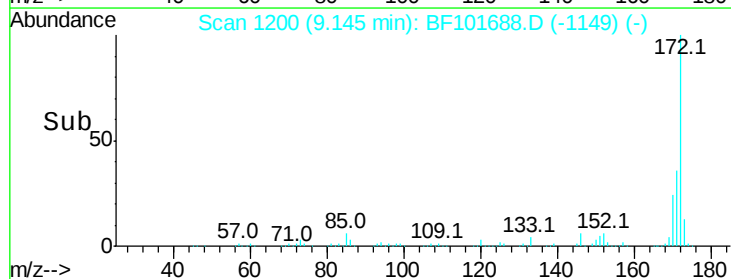
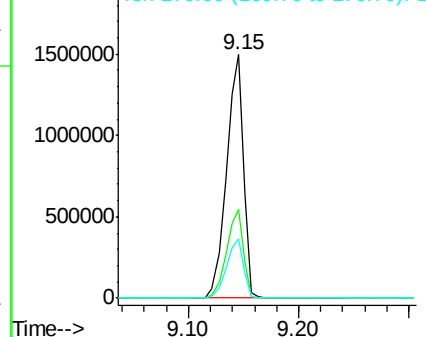


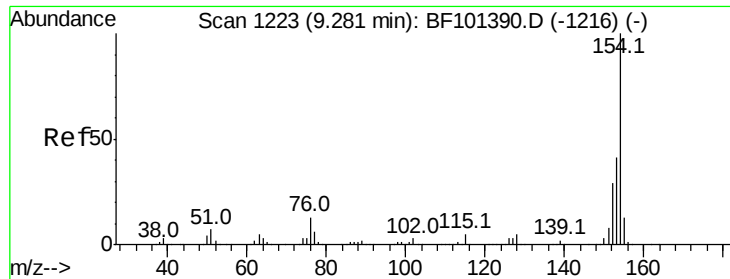
#44
 2-Fluorobiphenyl
 Concen: 99.379 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF101688.D
 Acq: 23 Dec 2017 8:08

Tgt Ion:172 Resp: 1591220
 Ion Ratio Lower Upper
 172 100
 171 36.5 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

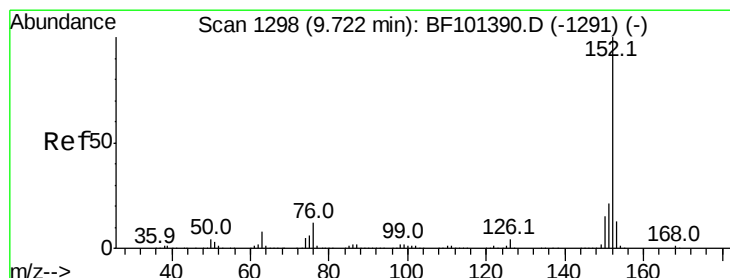
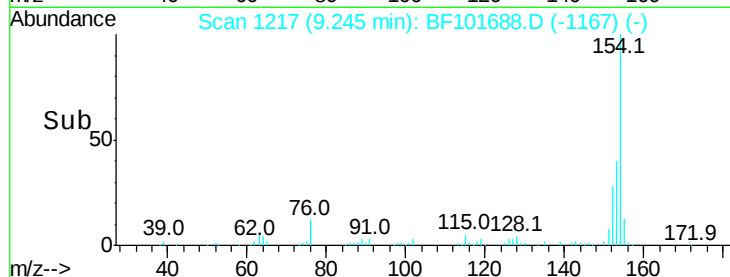
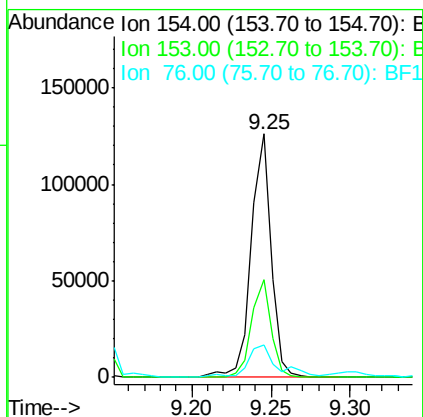
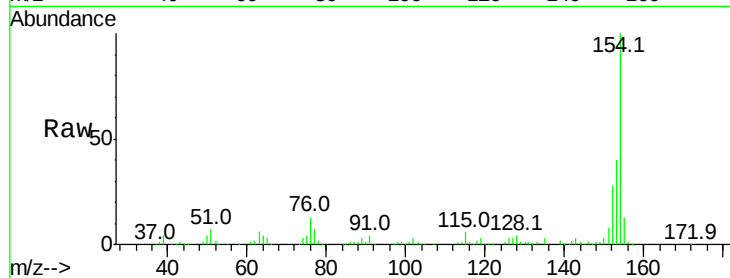




#45
1,1'-Biphenyl
Concen: 5.022 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF101688.D
Acq: 23 Dec 2017 8:08

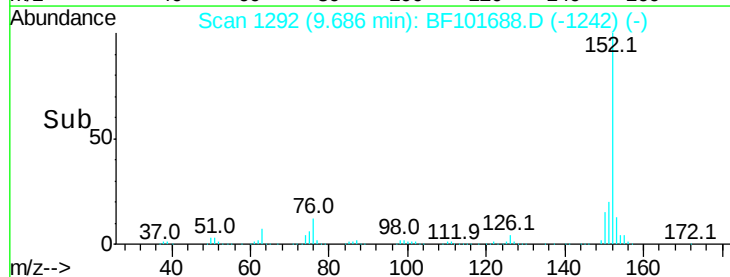
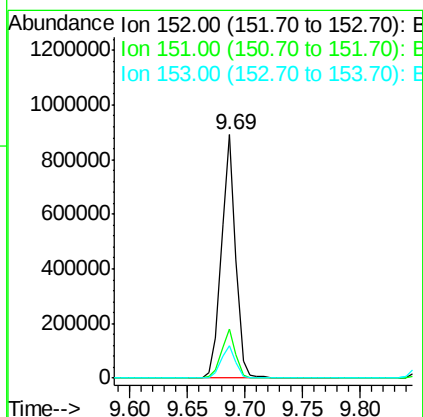
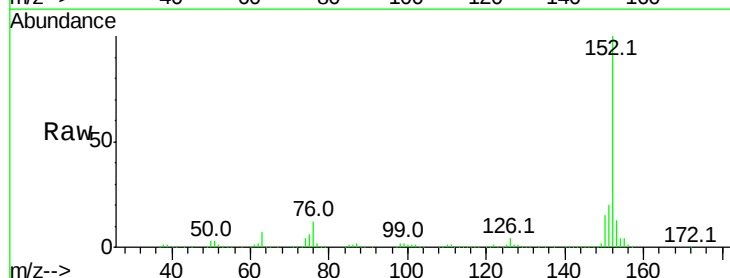
Instrument :
BNA_F
ClientSampleId :
WC-4539-02

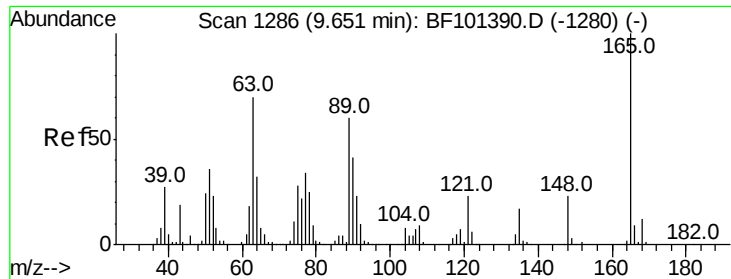
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.0	21.3	61.3
76	13.5	0.0	34.0



#48
Acenaphthylene
Concen: 28.525 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF101688.D
Acq: 23 Dec 2017 8:08

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	13.4	10.7	16.1

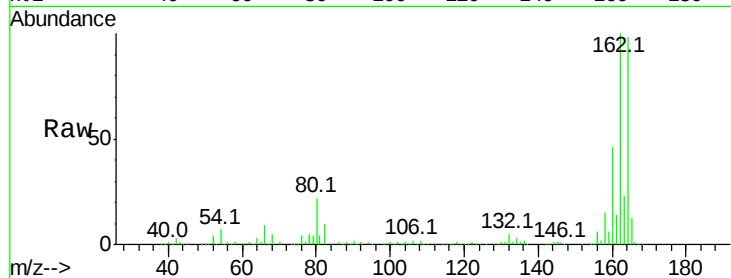




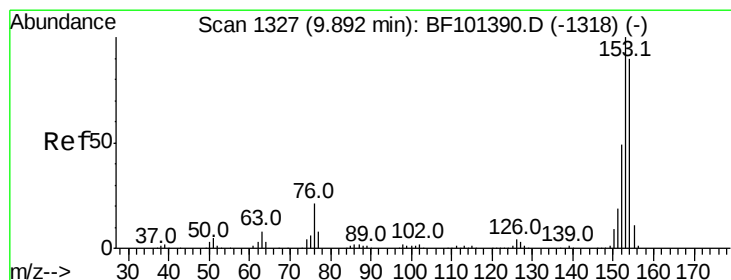
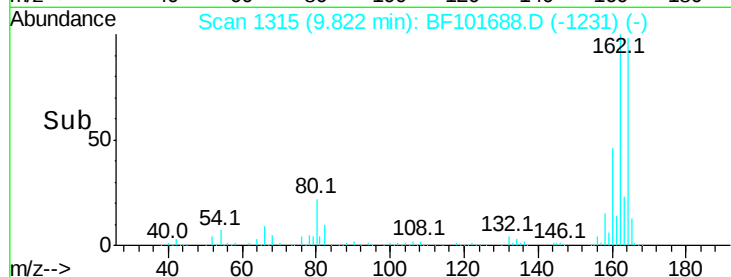
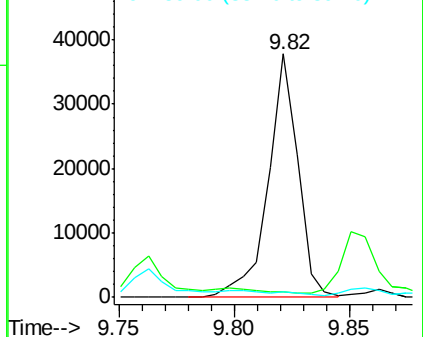
#50
2,6-Dinitrotoluene
Concen: 8.325 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.19 min
Lab File: BF101688.D
Acq: 23 Dec 2017 8:08

Instrument :
BNA_F
ClientSampleId :
WC-4539-02

Tot Ion:165 Resp: 33804
Ion Ratio Lower Upper
165 100
63 2.4 44.7 67.1#
89 2.2 44.0 66.0#

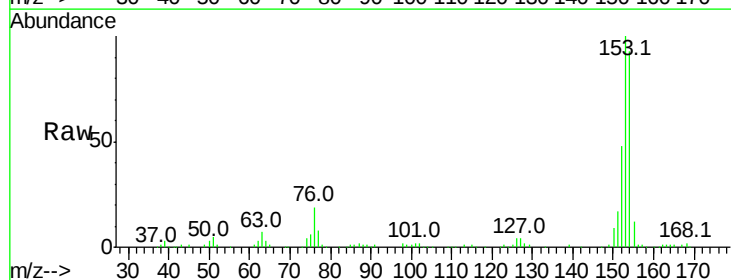


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

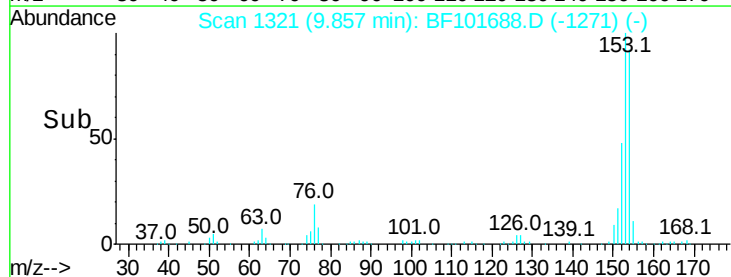
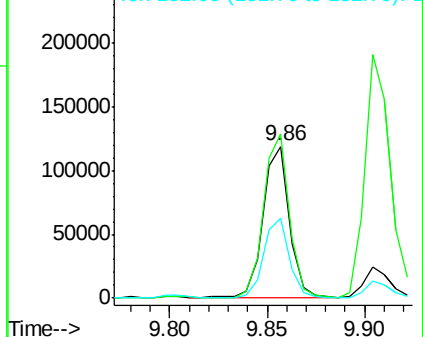


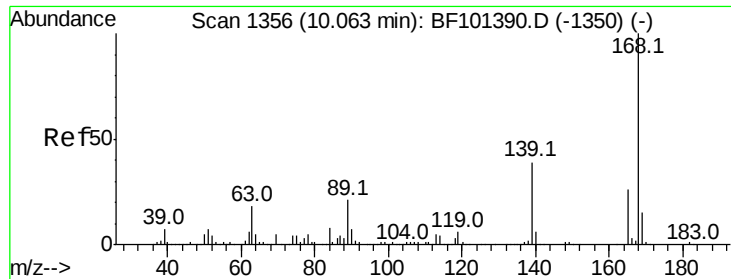
#51
Acenaphthene
Concen: 6.891 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF101688.D
Acq: 23 Dec 2017 8:08

Tgt Ion:154 Resp: 110219
Ion Ratio Lower Upper
154 100
153 108.1 91.2 136.8
152 52.3 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





#54

Dibenzofuran

Concen: 15.637 ng

RT: 10.03 min Scan# 1350

Delta R.T. -0.01 min

Lab File: BF101688.D

Acq: 23 Dec 2017 8:08

Instrument :

BNA_F

ClientSampleId :

WC-4539-02

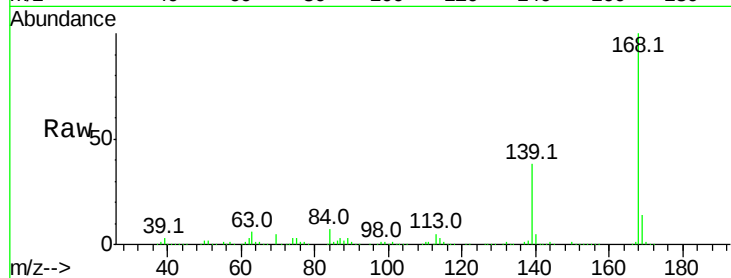
Tot Ion:168 Resp: 317826

Ion Ratio Lower Upper

168 100

139 37.9 30.1 45.1

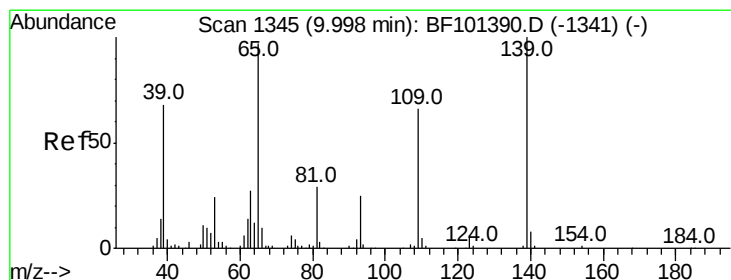
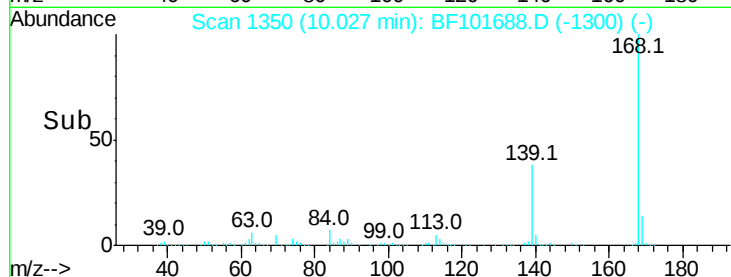
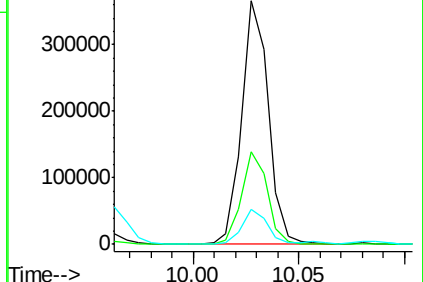
169 14.2 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 53.690 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.05 min

Lab File: BF101688.D

Acq: 23 Dec 2017 8:08

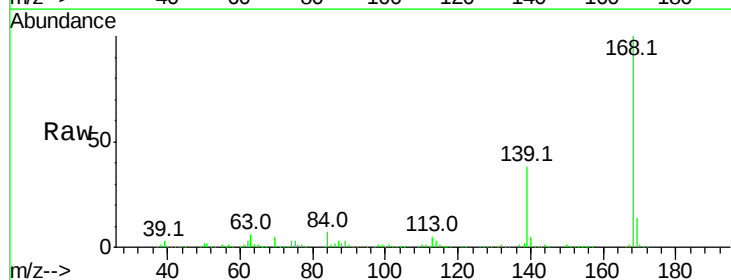
Tgt Ion:139 Resp: 118518

Ion Ratio Lower Upper

139 100

109 0.8 48.4 88.4#

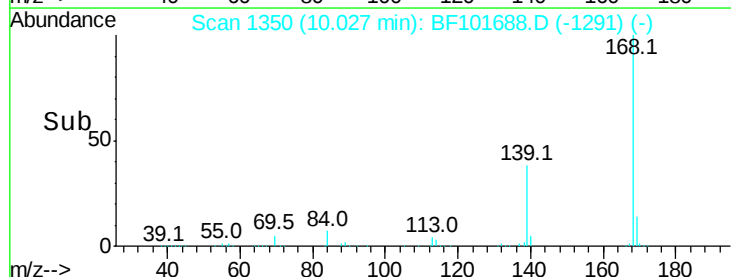
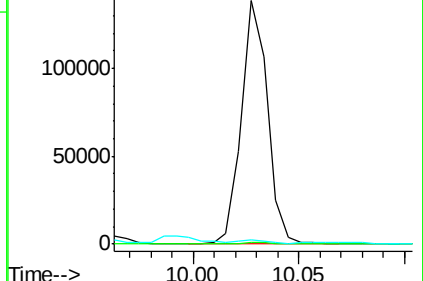
65 1.8 72.6 112.6#

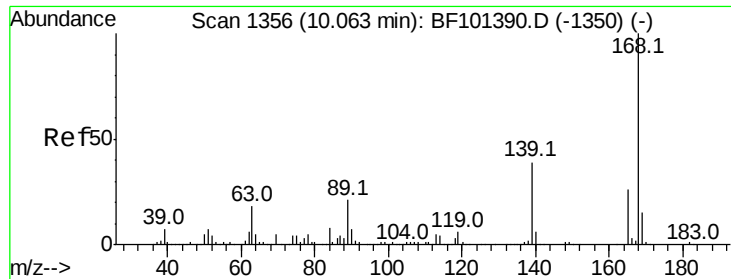


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

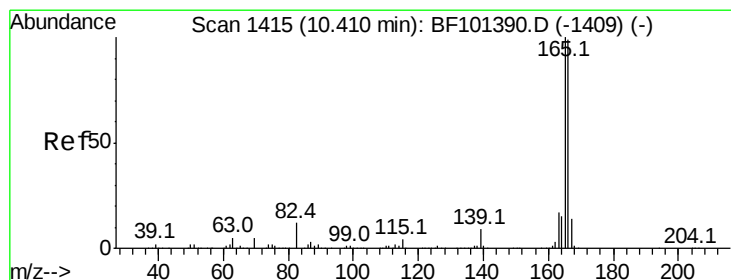
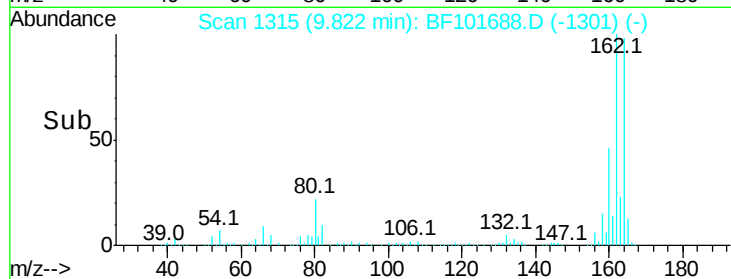
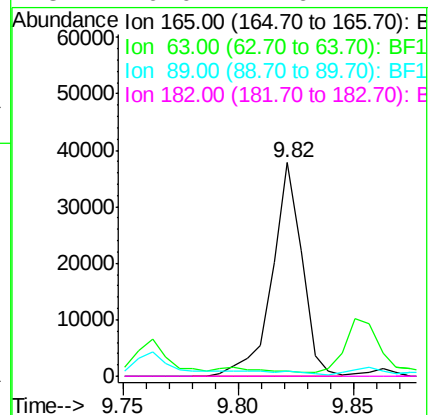
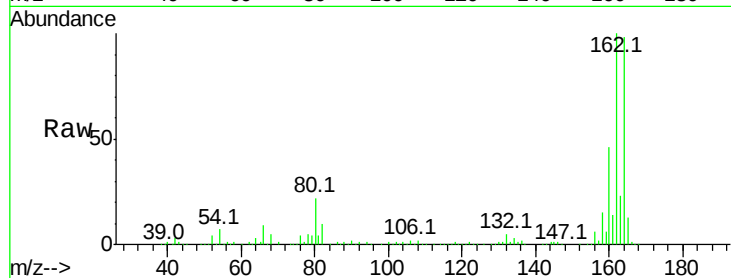




#56
2,4-Dinitrotoluene
Concen: 7.389 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.22 min
Lab File: BF101688.D
Acq: 23 Dec 2017 8:08

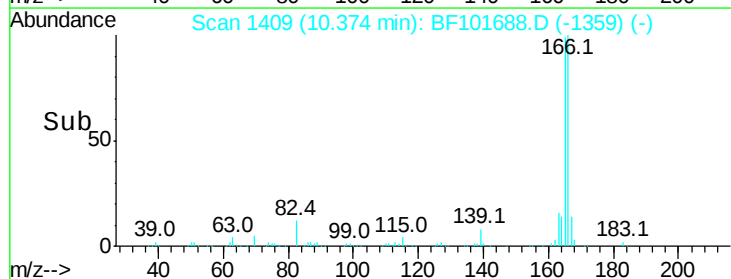
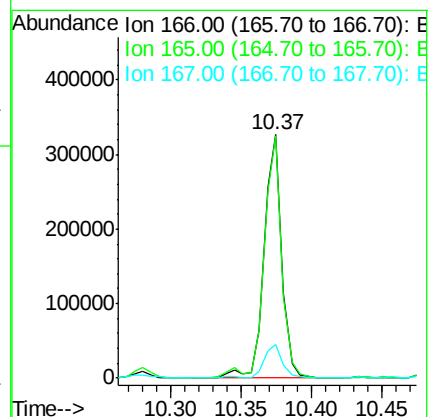
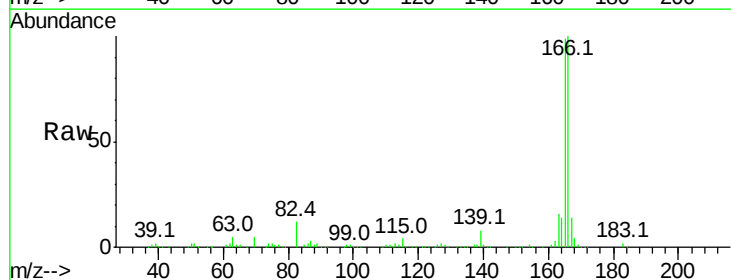
Instrument :
BNA_F
ClientSampleId :
WC-4539-02

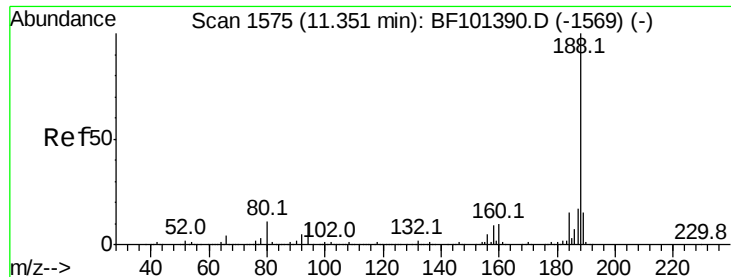
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.4	36.4	54.6#
89	2.2	57.8	86.6#
182	0.0	1.6	2.4#



#57
Fluorene
Concen: 16.925 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF101688.D
Acq: 23 Dec 2017 8:08

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.8	119.8
167	13.8	10.6	16.0

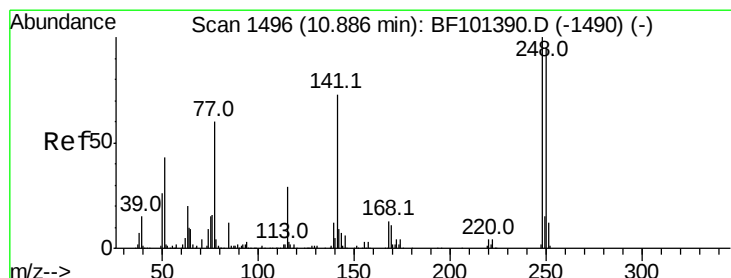
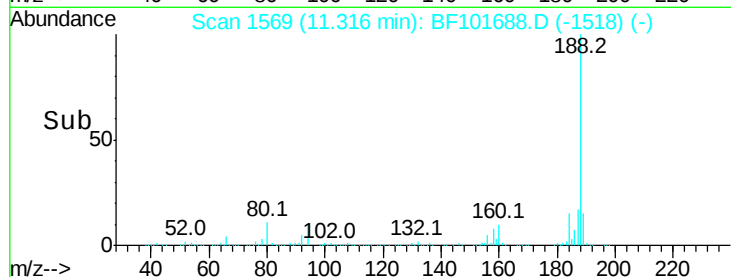
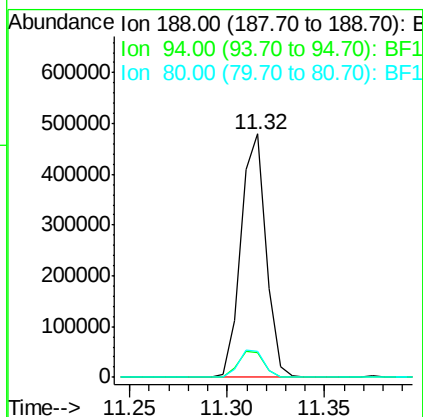
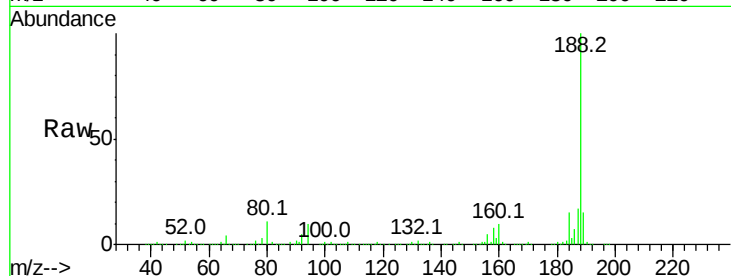




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF101688.D
Acq: 23 Dec 2017 8:08

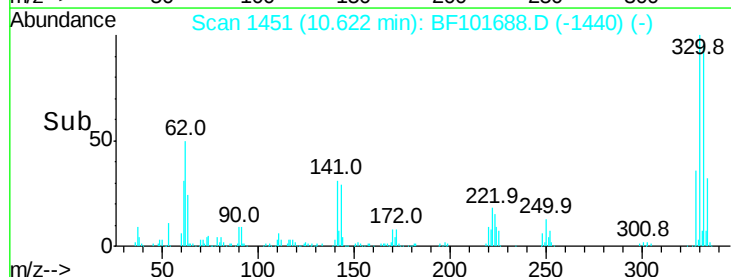
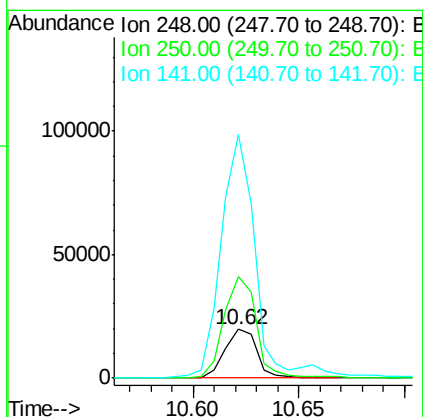
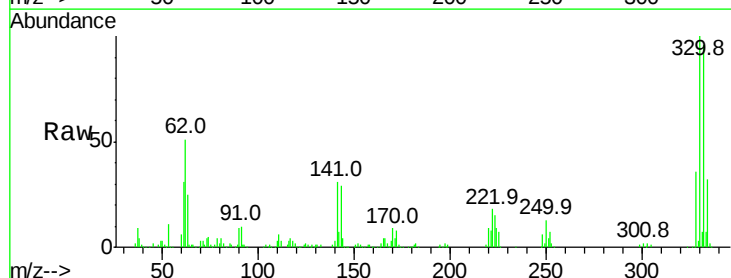
Instrument :
BNA_F
ClientSampleId :
WC-4539-02

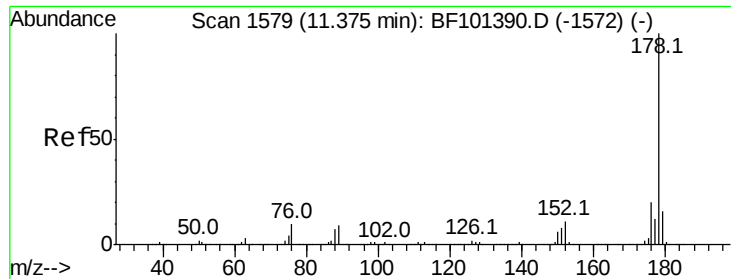
Tot Ion:188 Resp: 426803
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.9 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 4.350 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.24 min
Lab File: BF101688.D
Acq: 23 Dec 2017 8:08

Tgt Ion:248 Resp: 20863
Ion Ratio Lower Upper
248 100
250 209.8 76.9 115.3#
141 501.3 74.4 111.6#

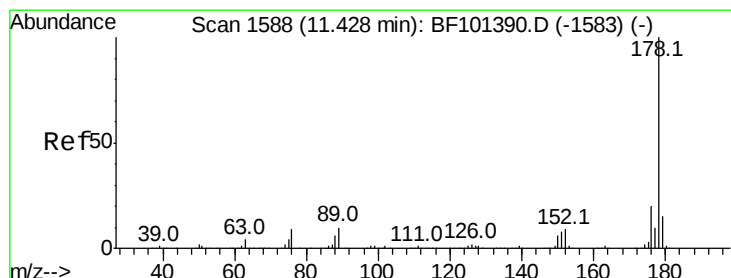
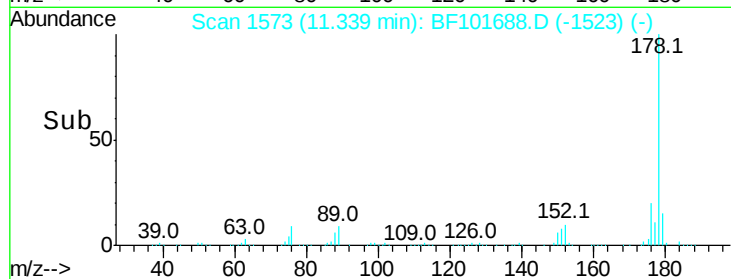
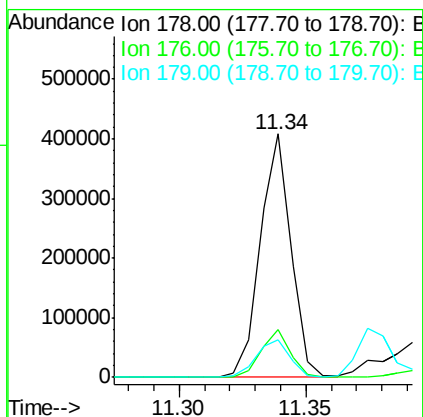
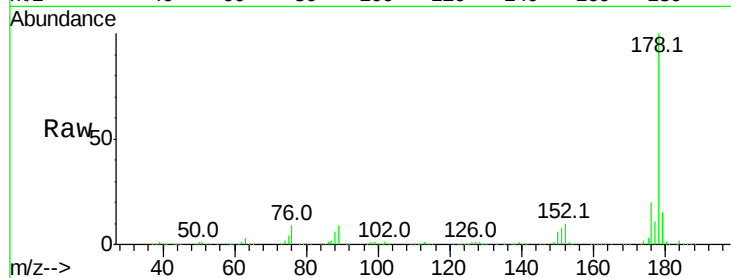




#70
Phenanthrene
Concen: 14.584 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF101688.D
Acq: 23 Dec 2017 8:08

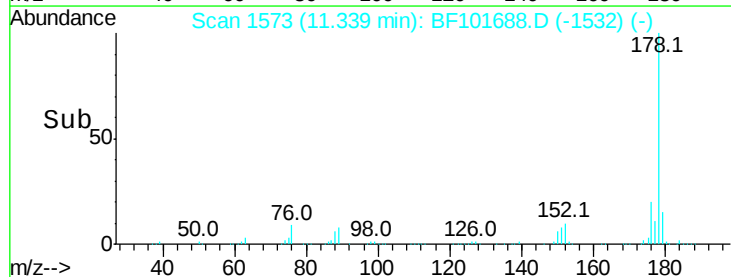
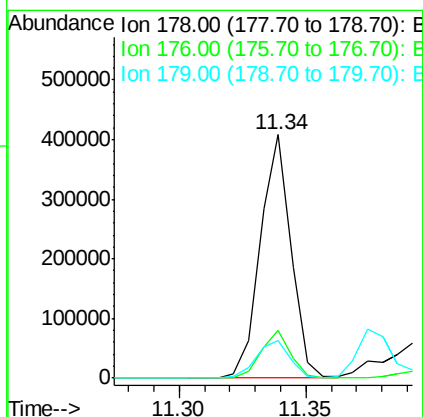
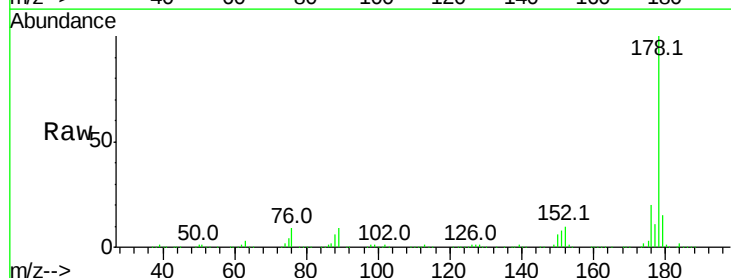
Instrument :
BNA_F
ClientSampleId :
WC-4539-02

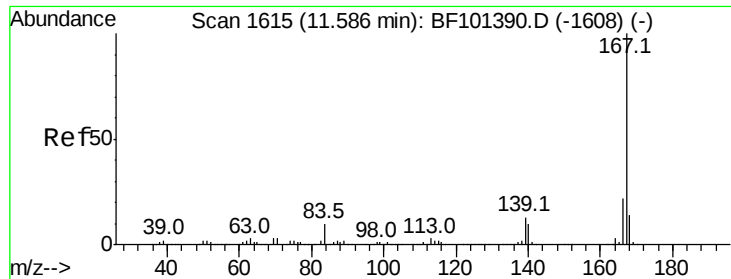
Tot Ion:178 Resp: 346151
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.8
179 15.3 13.0 19.6



#71
Anthracene
Concen: 14.277 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.06 min
Lab File: BF101688.D
Acq: 23 Dec 2017 8:08

Tgt Ion:178 Resp: 346151
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.2
179 15.3 12.6 19.0

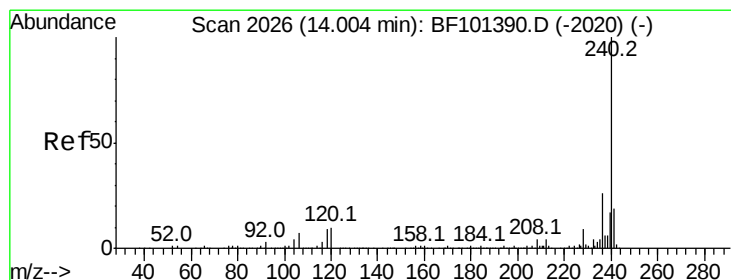
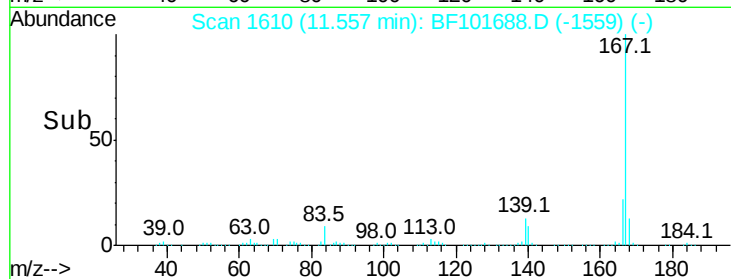
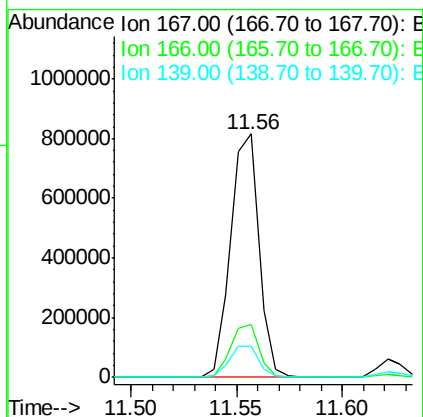
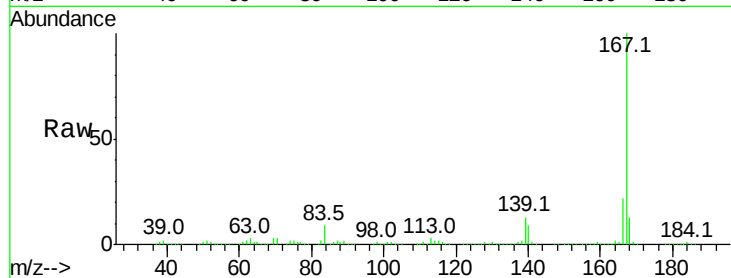




#72
 Carbazole
 Concen: 33.261 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BF101688.D
 Acq: 23 Dec 2017 8:08

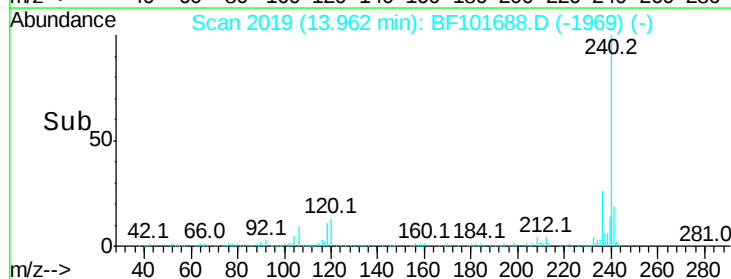
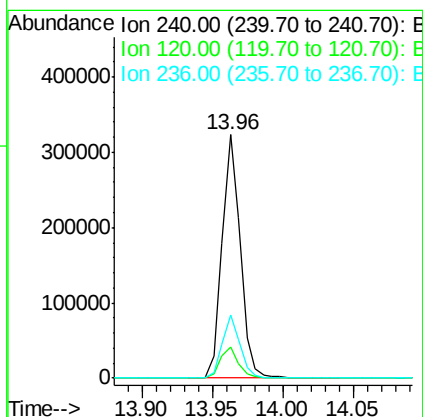
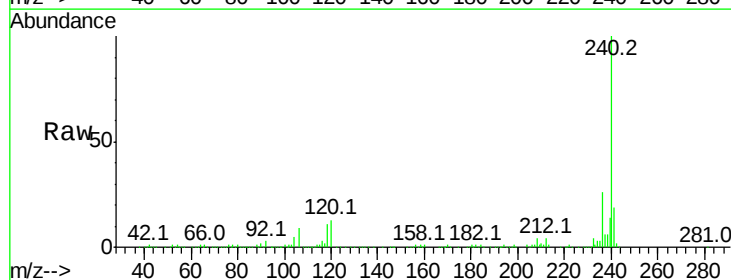
Instrument :
 BNA_F
 ClientSampleId :
 WC-4539-02

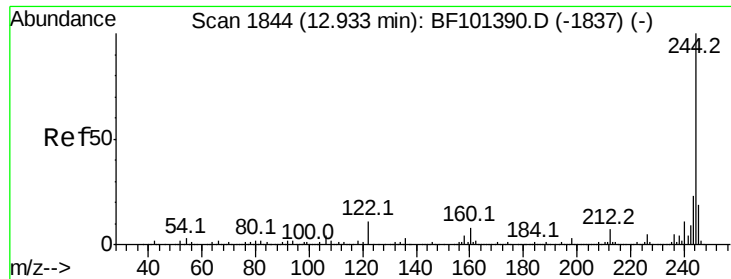
Tot Ion:167 Resp: 754996
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 12.7 10.9 16.3



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF101688.D
 Acq: 23 Dec 2017 8:08

Tgt Ion:240 Resp: 290868
 Ion Ratio Lower Upper
 240 100
 120 12.7 9.5 14.3
 236 25.7 20.7 31.1





#78

Terphenyl-d14

Concen: 114.917 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF101688.D

Acq: 23 Dec 2017 8:08

Instrument :

BNA_F

ClientSampleId :

WC-4539-02

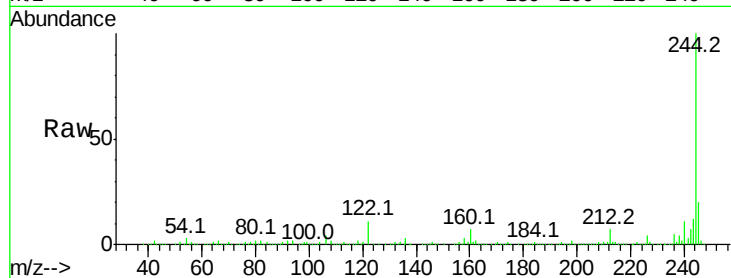
Tot Ion:244 Resp: 1386519

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

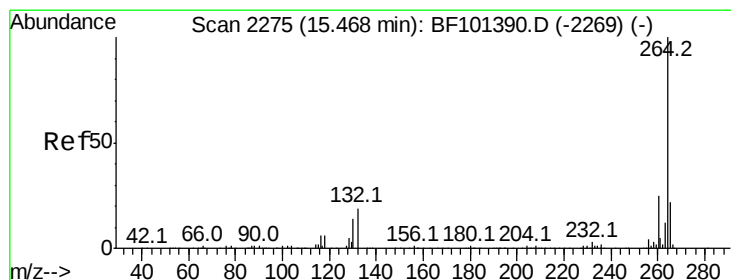
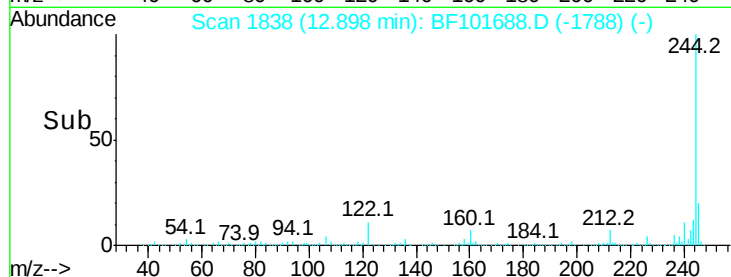
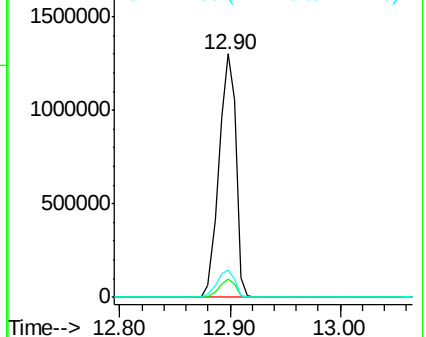
122 11.3 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2268

Delta R.T. 0.00 min

Lab File: BF101688.D

Acq: 23 Dec 2017 8:08

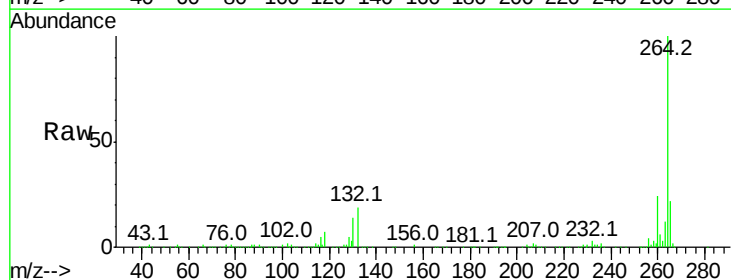
Tgt Ion:264 Resp: 264278

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.9 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

