

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
 Data File : BF083173.D
 Acq On : 22 Nov 2015 22:09
 Operator : UM/IZ
 Sample : G4443-04RE
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20151110MGP206BRV40

Quant Time: Nov 23 03:41:45 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	211393	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	420936	20.00	ng	0.02
38) Acenaphthene-d10	9.69	164	413730	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	728766	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	616000	20.00	ng	-0.02
86) Perylene-d12	15.15	264	519132	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.27	112	607754	43.47	ng	-0.01
7) Phenol-d6	6.32	99	523383	28.93	ng	-0.02
23) Nitrobenzene-d5	7.23	82	1420039	154.15	ng	0.00
41) 2,4,6-Tribromophenol	10.48	330	279054	65.93	ng	-0.01
44) 2-Fluorobiphenyl	9.03	172	2206590	74.37	ng	0.00
78) Terphenyl-d14	12.74	244	1646875	62.96	ng	-0.02

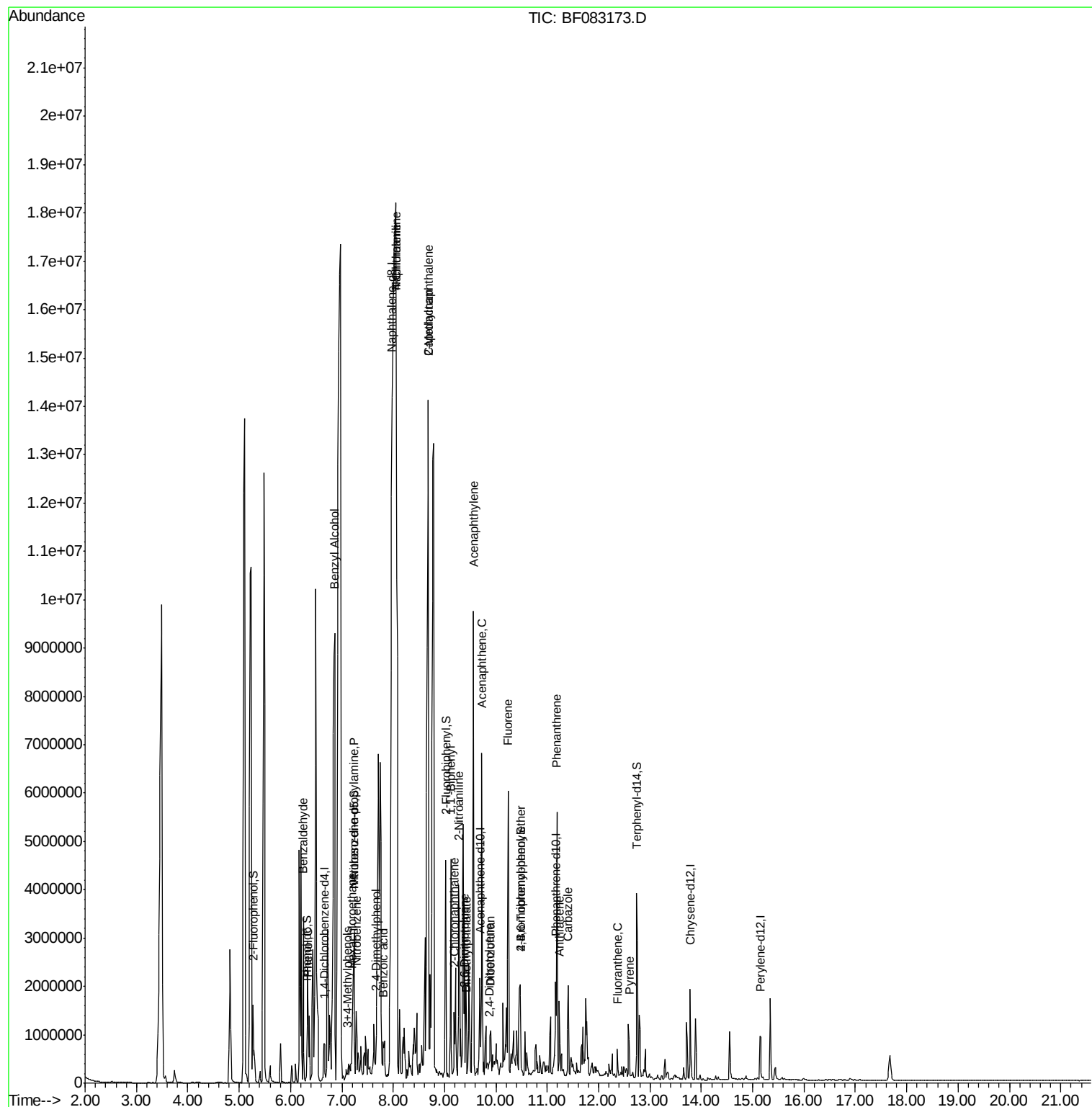
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.25	77	144927	12.82	ng	# 1
10) Phenol	6.34	94	159781	7.30	ng	# 77
15) Benzyl Alcohol	6.86	79	55613	3.68	ng	# 1
18) Hexachloroethane	7.20	117	358516	58.33	ng	# 1
19) n-Nitroso-di-n-propylamine	7.23	70	189558	15.06	ng	# 75
20) 3+4-Methylphenols	7.11	107	51978	3.29	ng	95
24) Nitrobenzene	7.28	77	51920	5.27	ng	# 6
27) 2,4-Dimethylphenol	7.67	122	62512	9.01	ng	100
31) Naphthalene	8.06	128	35677874	1570.50	ng	# 72
32) Benzoic acid	7.80	122	77794	14.43	ng	# 19
33) 4-Chloroaniline	8.06	127	8088079	917.62	ng	# 30
35) Caprolactam	8.68	113	237673	112.43	ng	# 1
37) 2-Methylnaphthalene	8.68	142	7648069	518.73	ng	96
45) 1,1'-Biphenyl	9.12	154	1359251	38.60	ng	97
46) 2-Chloronaphthalene	9.19	162	125445	4.54	ng	# 49
47) 2-Nitroaniline	9.28	65	32578	3.33	ng	# 34
48) Acenaphthylene	9.56	152	5378210	125.47	ng	# 90
49) Dimethylphthalate	9.43	163	115641	3.63	ng	98
50) 2,6-Dinitrotoluene	9.39	165	27352	3.83	ng	# 65
51) Acenaphthene	9.72	154	1561312	59.85	ng	99
54) Dibenzofuran	9.90	168	409481	11.10	ng	# 92
56) 2,4-Dinitrotoluene	9.87	165	21901	2.42	ng	# 56
57) Fluorene	10.24	166	2223180	72.93	ng	99
66) 4-Bromophenyl-phenylether	10.48	248	17795	2.20	ng	# 1
70) Phenanthrene	11.19	178	2691157	64.09	ng	97
71) Anthracene	11.23	178	598831	13.98	ng	99
72) Carbazole	11.40	167	827643	21.74	ng	99
74) Fluoranthene	12.36	202	225334	5.24	ng	98
77) Pyrene	12.59	202	313500	7.45	ng	97

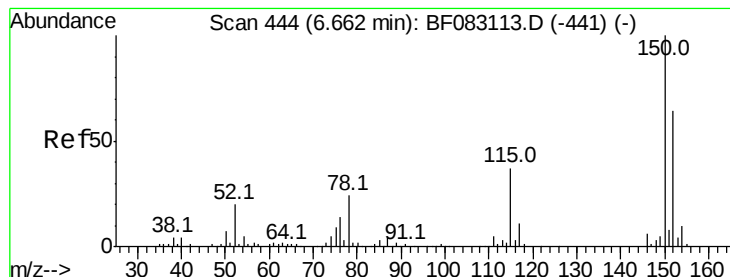
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
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Quant Time: Nov 23 03:41:45 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
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QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 409

Delta R.T. -0.00 min

Lab File: BF083173.D

Acq: 22 Nov 2015 22:09

Instrument :

BNA_F

ClientSampleId :

20151110MGP206BRV40

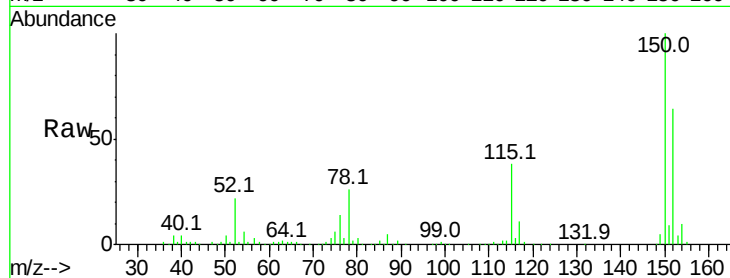
Tot Ion:152 Resp: 211393

Ion Ratio Lower Upper

152 100

150 155.3 125.8 188.8

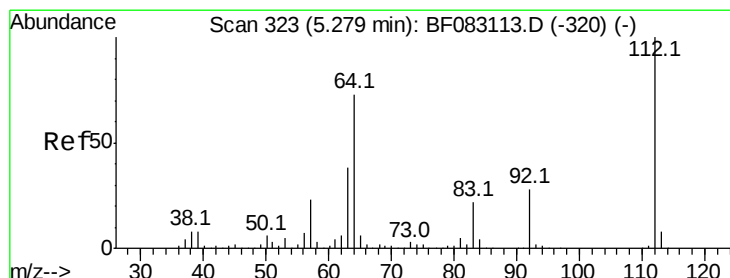
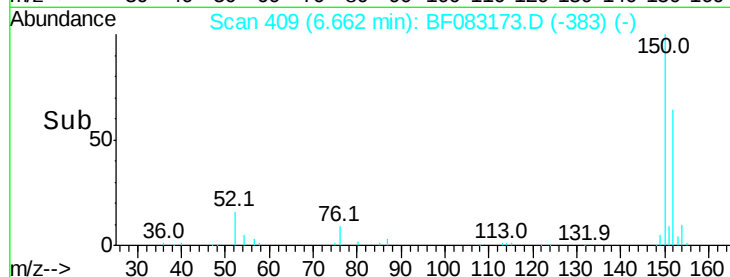
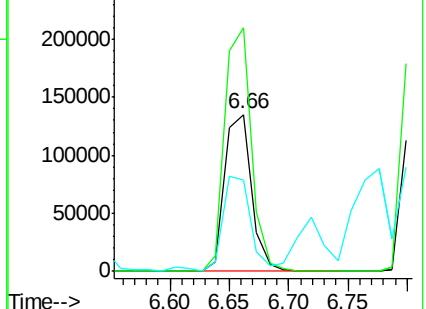
115 58.3 46.9 70.3



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: 43.47 ng

RT: 5.27 min Scan# 287

Delta R.T. -0.01 min

Lab File: BF083173.D

Acq: 22 Nov 2015 22:09

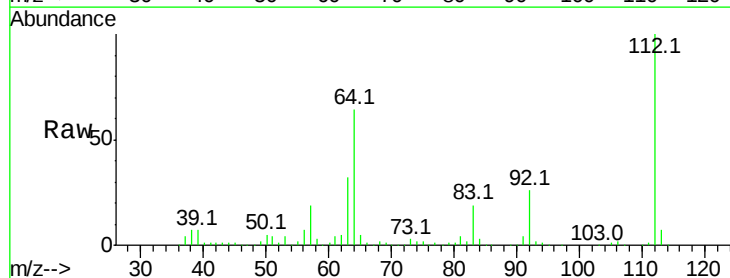
Tgt Ion:112 Resp: 607754

Ion Ratio Lower Upper

112 100

64 64.4 58.4 87.6

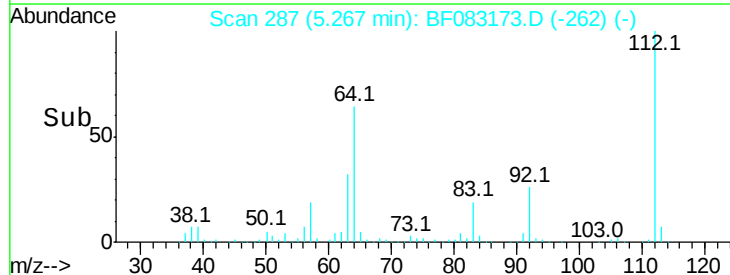
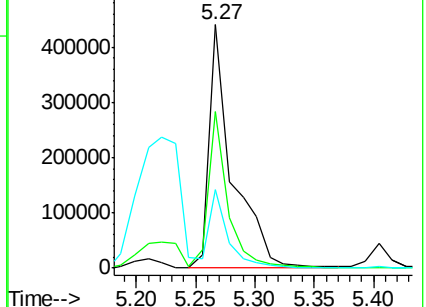
63 32.3 30.0 45.0

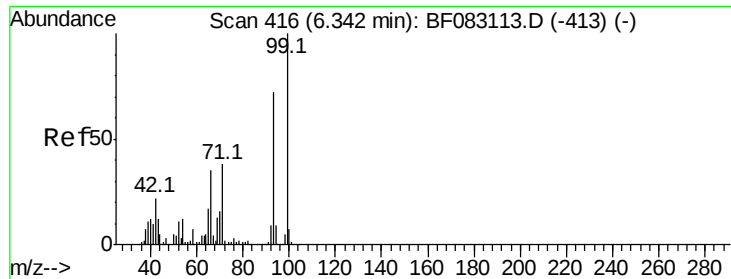


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 28.93 ng

RT: 6.32 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF083173.D

Acq: 22 Nov 2015 22:09

Instrument :

BNA_F

ClientSampleId :

20151110MGP206BRV40

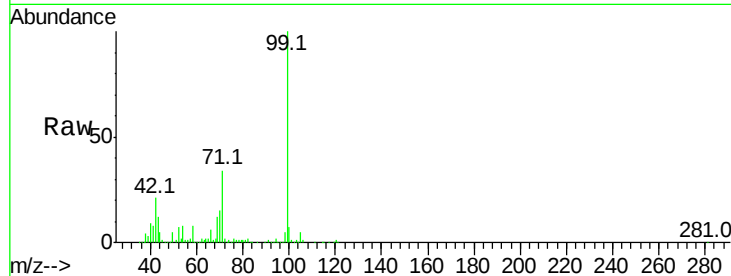
Tot Ion: 99 Resp: 523383

Ion Ratio Lower Upper

99 100

42 21.0 17.7 26.5

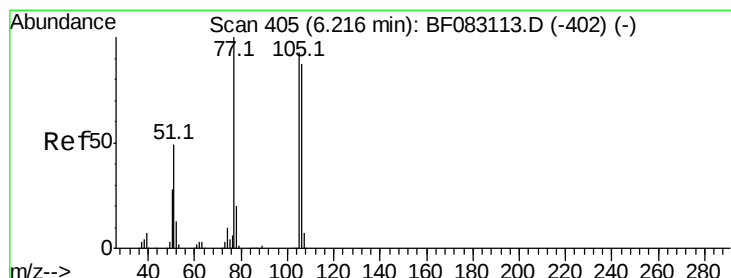
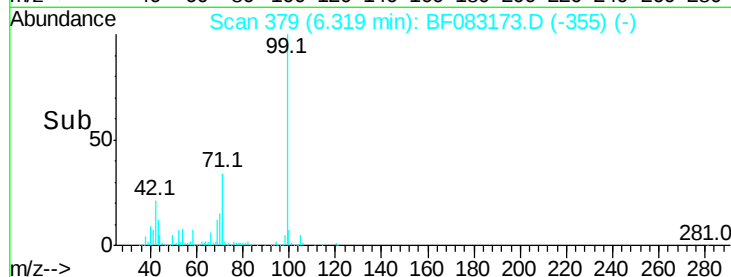
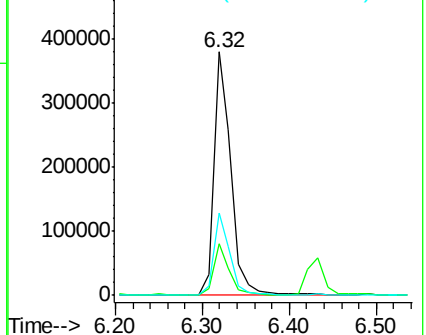
71 33.9 30.2 45.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 12.82 ng

RT: 6.25 min Scan# 373

Delta R.T. 0.04 min

Lab File: BF083173.D

Acq: 22 Nov 2015 22:09

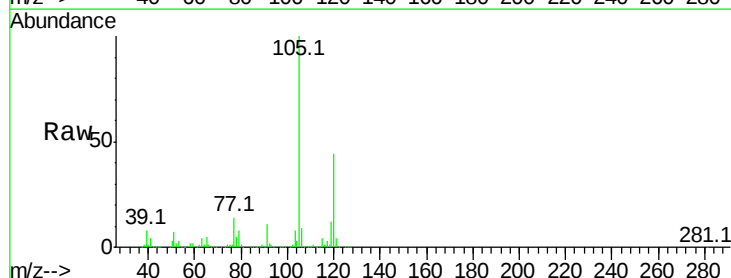
Tgt Ion: 77 Resp: 144927

Ion Ratio Lower Upper

77 100

105 728.5 73.4 113.4#

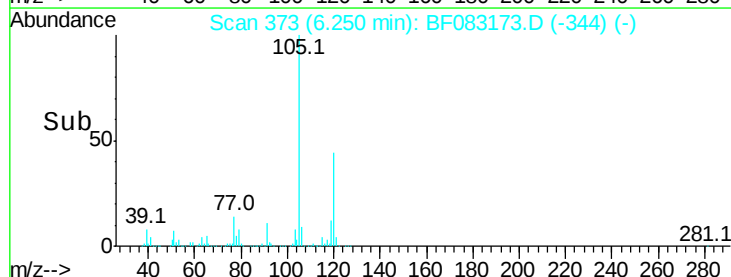
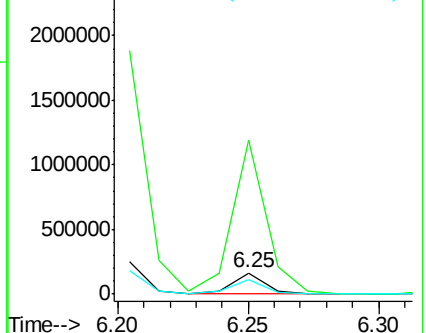
106 68.9 67.5 107.5

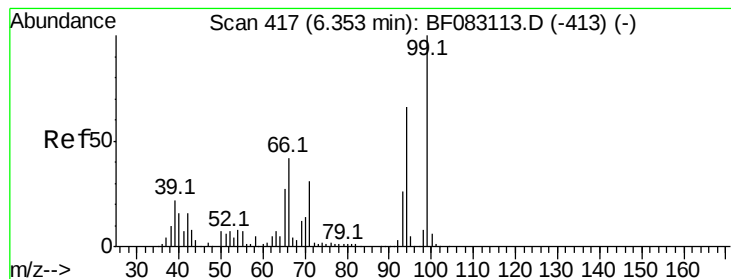


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 7.30 ng

RT: 6.34 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF083173.D

Acq: 22 Nov 2015 22:09

Instrument :

BNA_F

ClientSampleId :

20151110MGP206BRV40

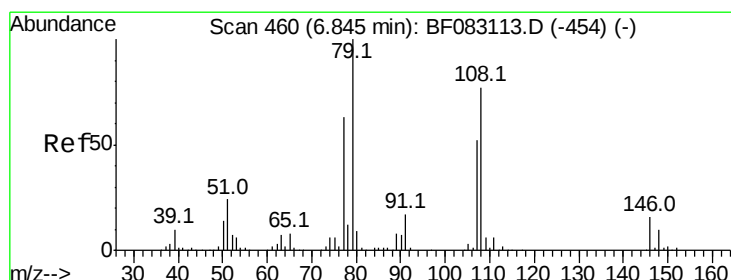
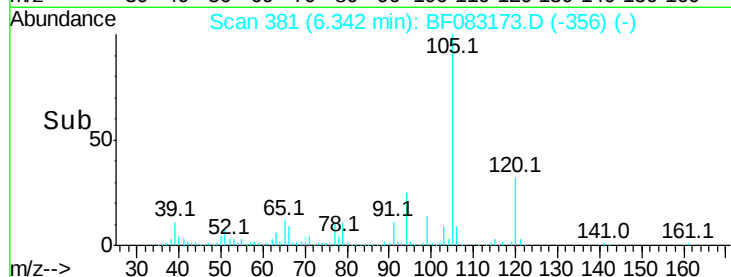
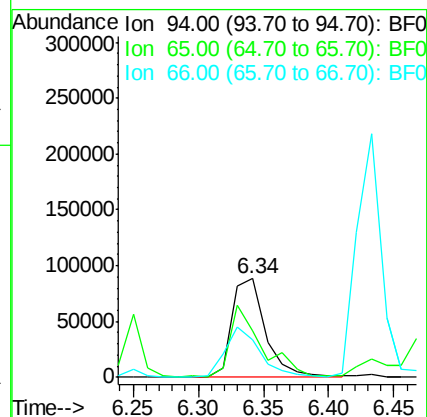
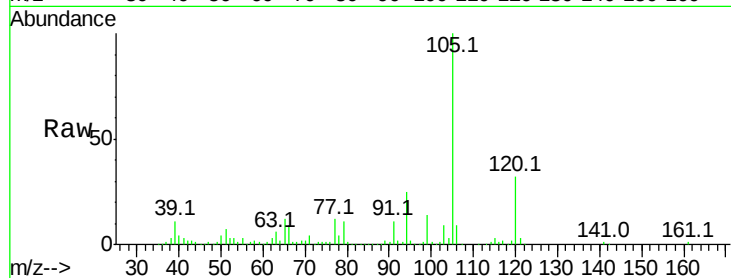
Tot Ion: 94 Resp: 159781

Ion Ratio Lower Upper

94 100

65 47.1 21.1 61.1

66 37.9 43.1 83.1#



#15

Benzyl Alcohol

Concen: 3.68 ng

RT: 6.86 min Scan# 426

Delta R.T. 0.01 min

Lab File: BF083173.D

Acq: 22 Nov 2015 22:09

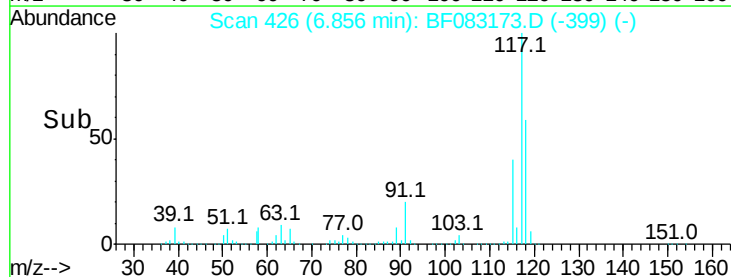
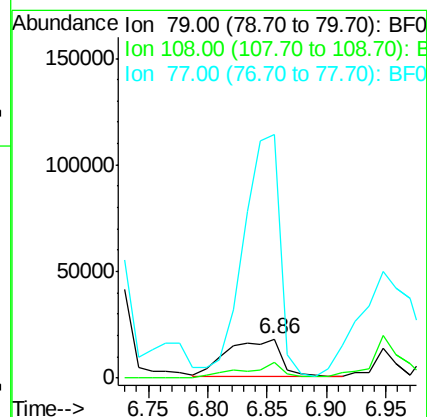
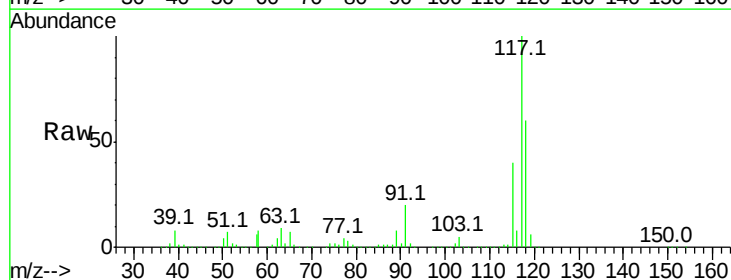
Tgt Ion: 79 Resp: 55613

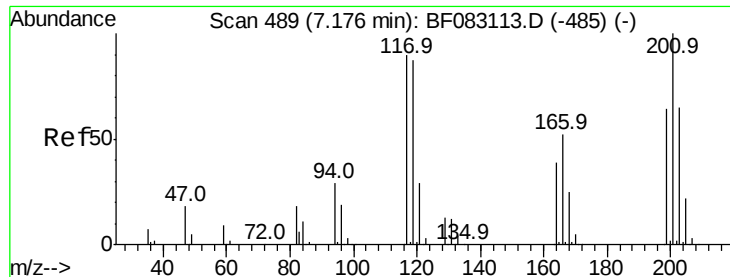
Ion Ratio Lower Upper

79 100

108 40.0 61.4 92.2#

77 626.8 50.5 75.7#

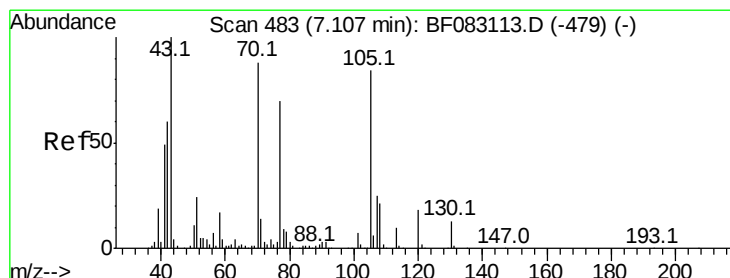
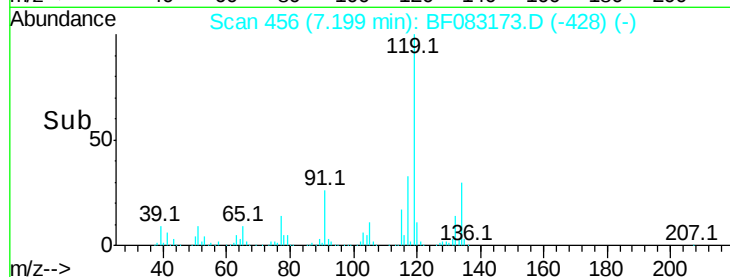
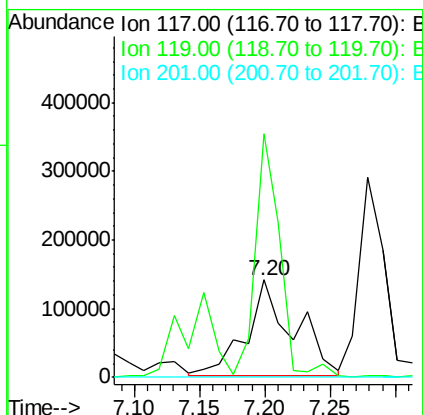
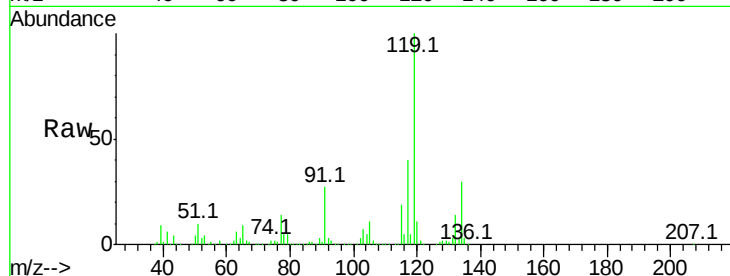




#18
Hexachloroethane
Concen: 58.33 ng
RT: 7.20 min Scan# 456
Delta R.T. 0.02 min
Lab File: BF083173.D
Acq: 22 Nov 2015 22:09

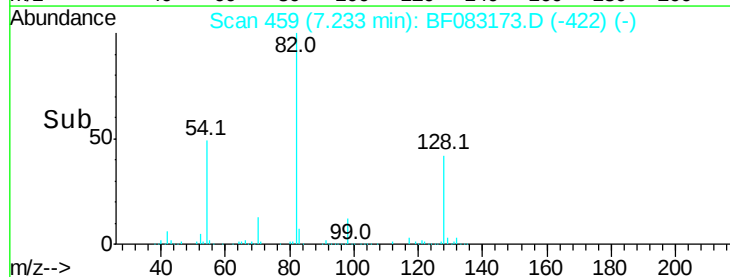
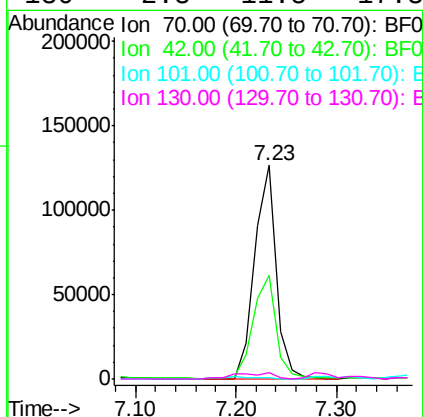
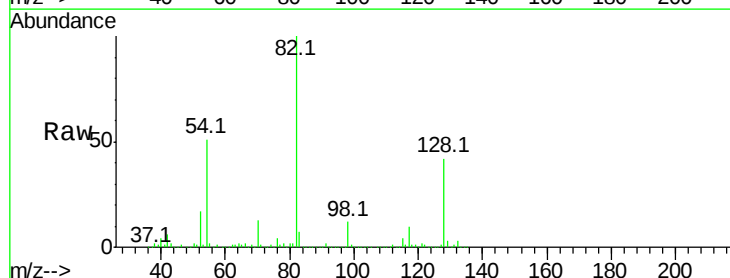
Instrument :
BNA_F
ClientSampleId :
20151110MGP206BRV40

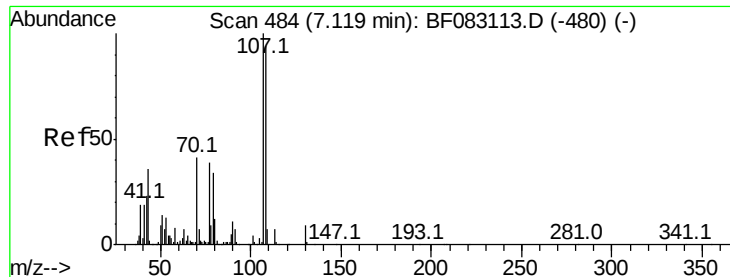
Tot Ion:117 Resp: 358516
Ion Ratio Lower Upper
117 100
119 249.4 76.8 115.2#
201 0.0 88.6 133.0#



#19
n-Nitroso-di-n-propylamine
Concen: 15.06 ng
RT: 7.23 min Scan# 459
Delta R.T. 0.13 min
Lab File: BF083173.D
Acq: 22 Nov 2015 22:09

Tgt Ion: 70 Resp: 189558
Ion Ratio Lower Upper
70 100
42 48.3 54.5 81.7#
101 0.5 6.6 9.8#
130 2.8 11.5 17.3#





#20

3+4-Methylphenols

Concen: 3.29 ng

RT: 7.11 min Scan# 448

Delta R.T. -0.01 min

Lab File: BF083173.D

Acq: 22 Nov 2015 22:09

Instrument :

BNA_F

ClientSampleId :

20151110MGP206BRV40

Tot Ion:107 Resp: 51978

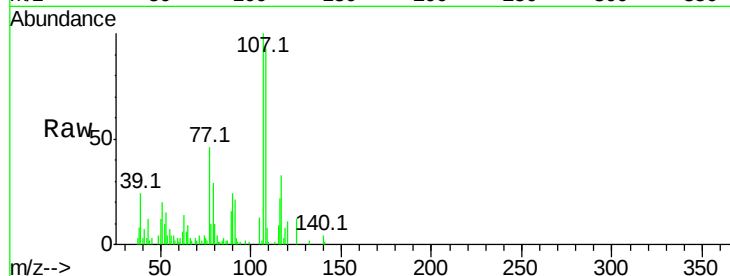
Ion Ratio Lower Upper

107 100

108 92.8 73.8 113.8

77 45.8 19.1 59.1

79 28.5 13.7 53.7

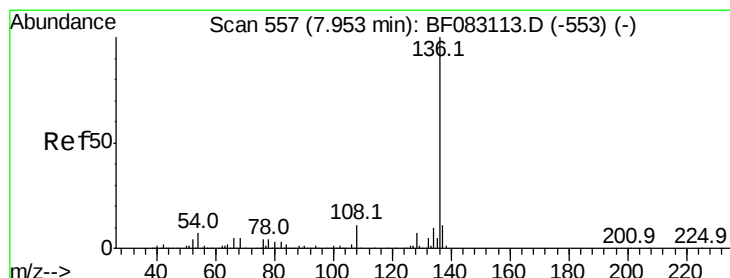
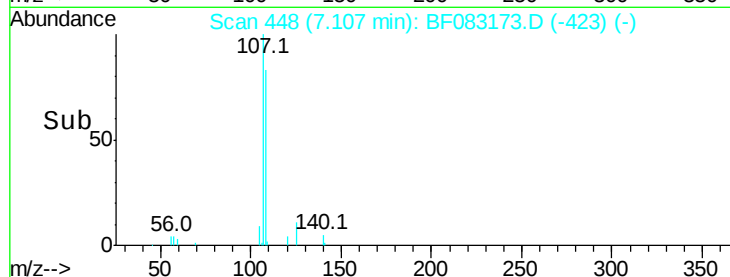
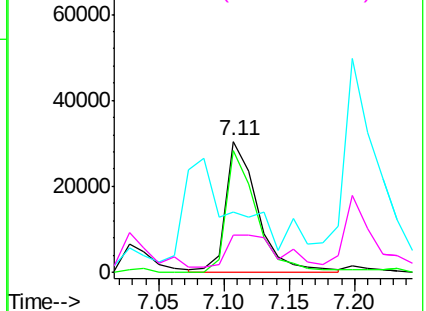


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 524

Delta R.T. 0.02 min

Lab File: BF083173.D

Acq: 22 Nov 2015 22:09

Tgt Ion:136 Resp: 420936

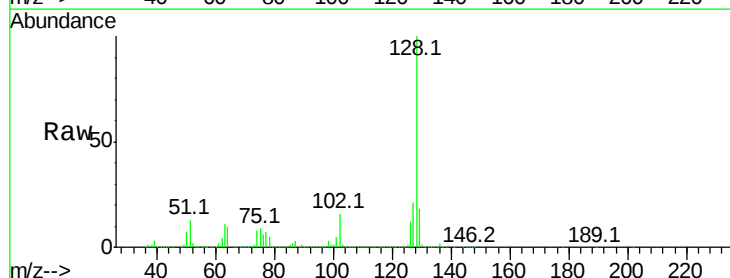
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 9.4 5.8 8.6#

68 7.3 3.8 5.8#

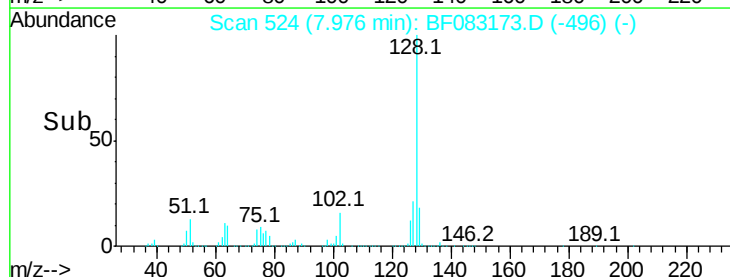
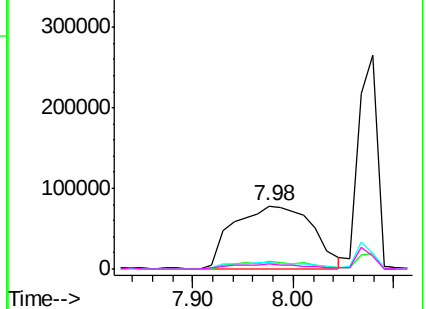


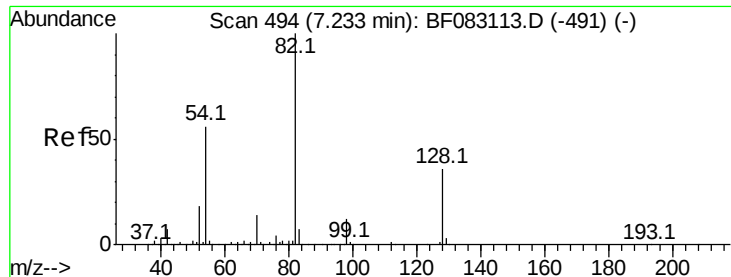
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

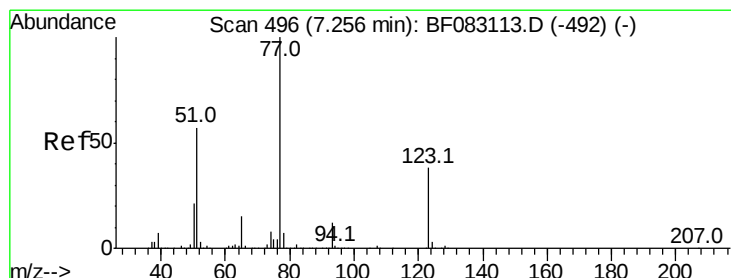
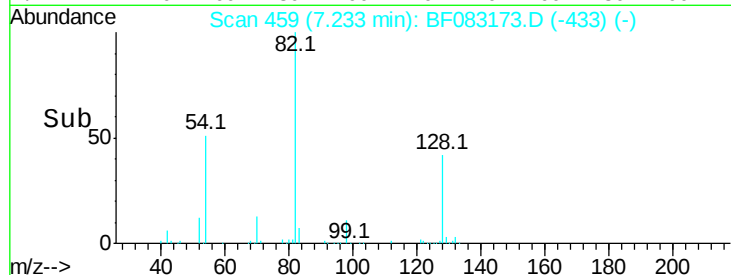
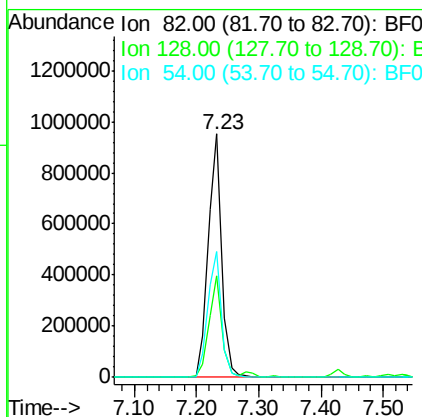
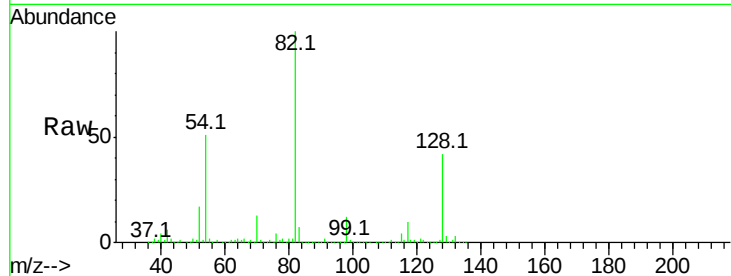




#23
 Nitrobenzene-d5
 Concen: 154.15 ng
 RT: 7.23 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: BF083173.D
 Acq: 22 Nov 2015 22:09

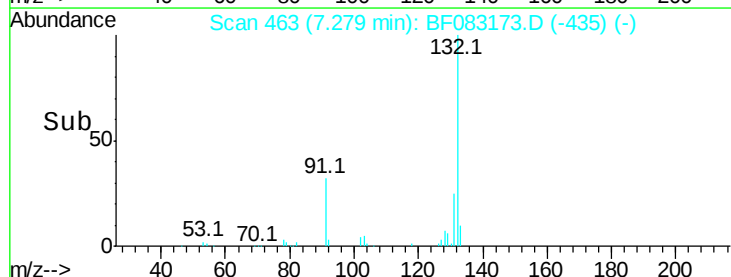
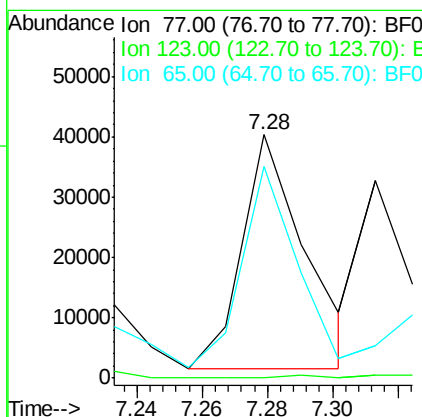
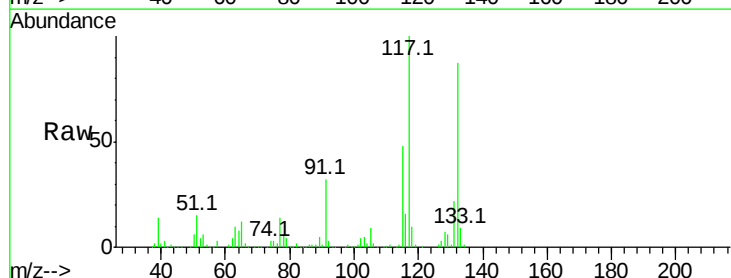
Instrument :
 BNA_F
 ClientSampleId :
 20151110MGP206BRV40

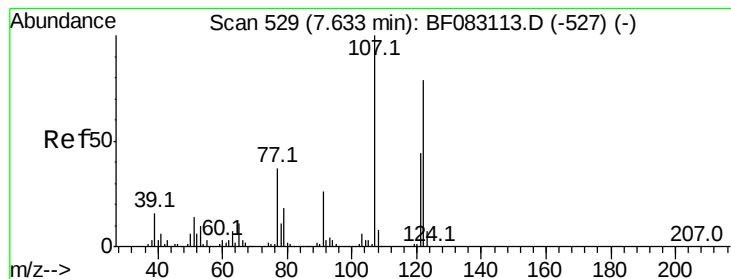
Tot Ion: 82 Resp: 1420039
 Ion Ratio Lower Upper
 82 100
 128 41.6 28.5 42.7
 54 51.5 44.6 67.0



#24
 Nitrobenzene
 Concen: 5.27 ng
 RT: 7.28 min Scan# 463
 Delta R.T. 0.02 min
 Lab File: BF083173.D
 Acq: 22 Nov 2015 22:09

Tgt Ion: 77 Resp: 51920
 Ion Ratio Lower Upper
 77 100
 123 0.0 30.1 45.1#
 65 87.2 11.6 17.4#





#27

2,4-Dimethylphenol

Concen: 9.01 ng

RT: 7.67 min Scan# 497

Delta R.T. 0.03 min

Lab File: BF083173.D

Acq: 22 Nov 2015 22:09

Instrument :

BNA_F

ClientSampleId :

20151110MGP206BRV40

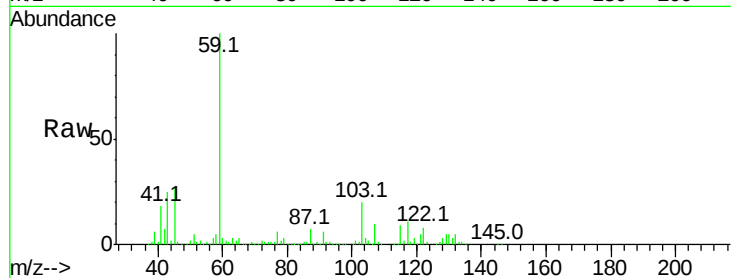
Tot Ion:122 Resp: 62512

Ion Ratio Lower Upper

122 100

107 127.1 101.1 151.7

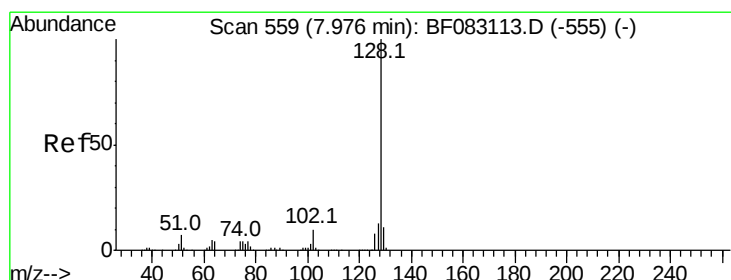
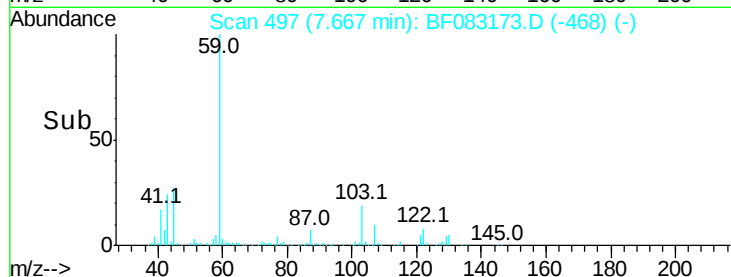
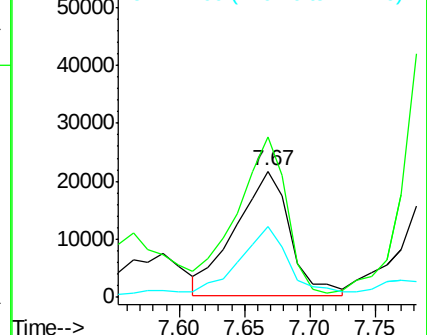
121 56.2 44.9 67.3



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



#31

Naphthalene

Concen: 1570.50 ng

RT: 8.06 min Scan# 531

Delta R.T. 0.08 min

Lab File: BF083173.D

Acq: 22 Nov 2015 22:09

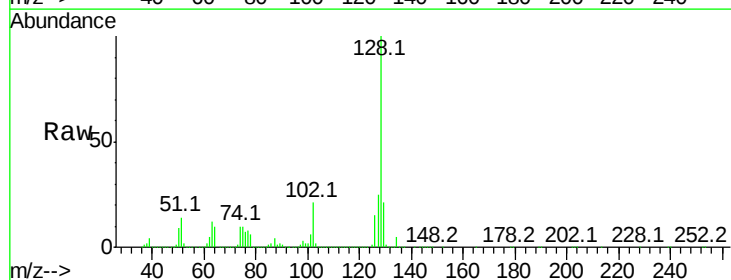
Tgt Ion:128 Resp:35677874

Ion Ratio Lower Upper

128 100

129 20.8 9.0 13.4#

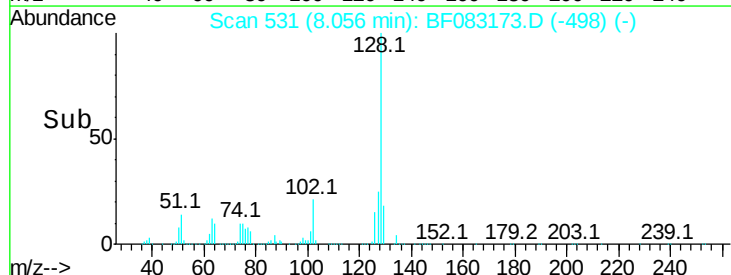
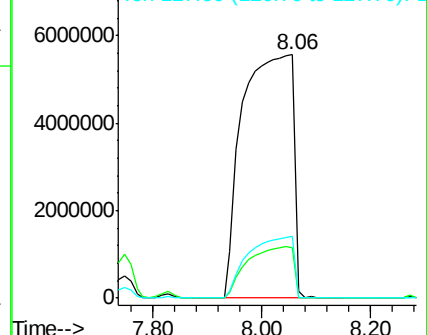
127 25.3 10.6 15.8#

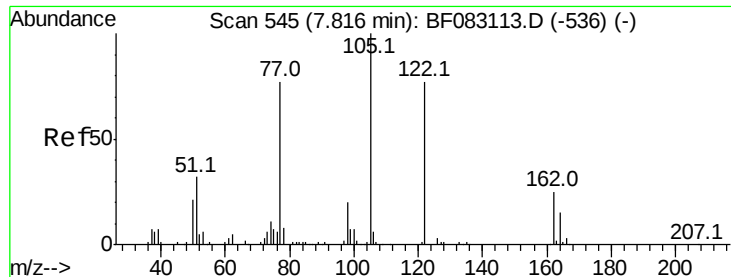


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 14.43 ng

RT: 7.80 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF083173.D

Acq: 22 Nov 2015 22:09

Instrument :

BNA_F

ClientSampleId :

20151110MGP206BRV40

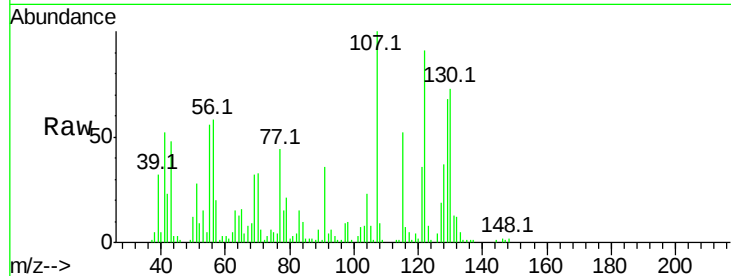
Tot Ion:122 Resp: 77794

Ion Ratio Lower Upper

122 100

105 8.6 109.7 149.7#

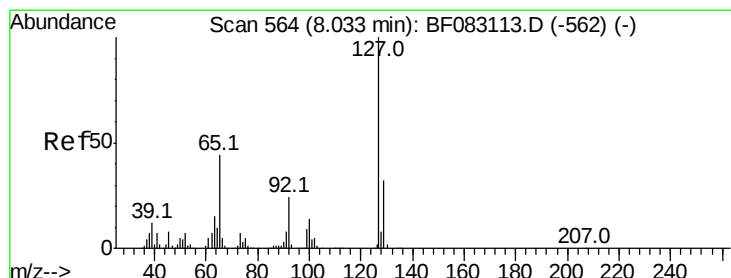
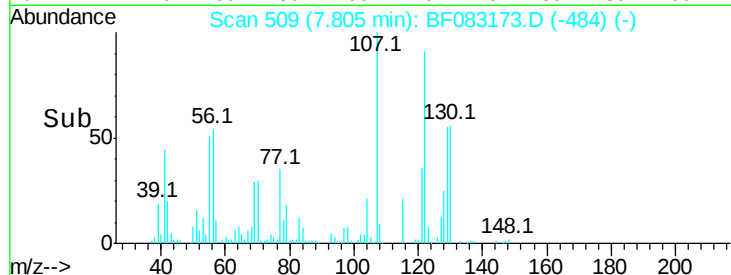
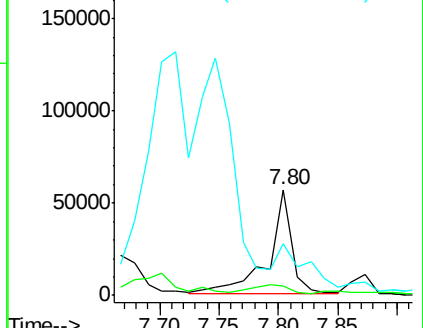
77 48.9 79.7 119.7#



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): BF0



#33

4-Chloroaniline

Concen: 917.62 ng

RT: 8.06 min Scan# 531

Delta R.T. 0.02 min

Lab File: BF083173.D

Acq: 22 Nov 2015 22:09

Tgt Ion:127 Resp: 8088079

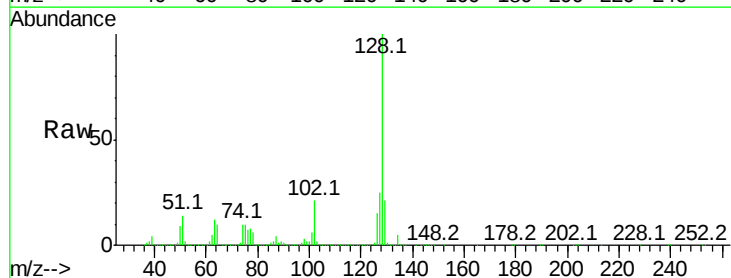
Ion Ratio Lower Upper

127 100

129 82.1 25.7 38.5#

65 0.0 35.5 53.3#

92 0.1 19.4 29.2#

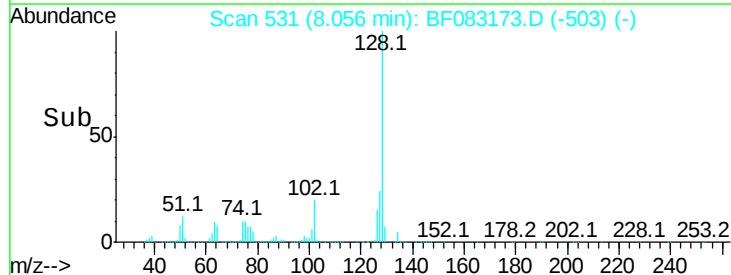
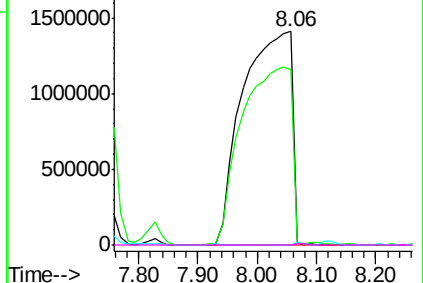


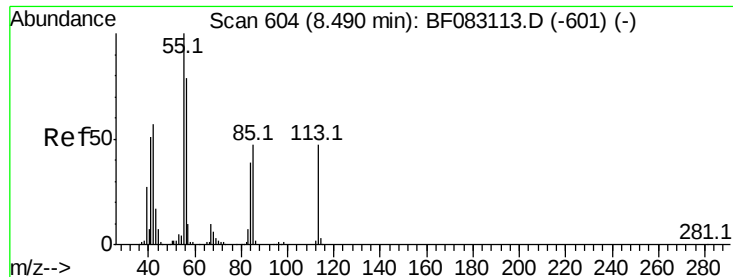
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#35

Caprolactam

Concen: 112.43 ng

RT: 8.68 min Scan# 586

Delta R.T. 0.19 min

Lab File: BF083173.D

Acq: 22 Nov 2015 22:09

Instrument :

BNA_F

ClientSampleId :

20151110MGP206BRV40

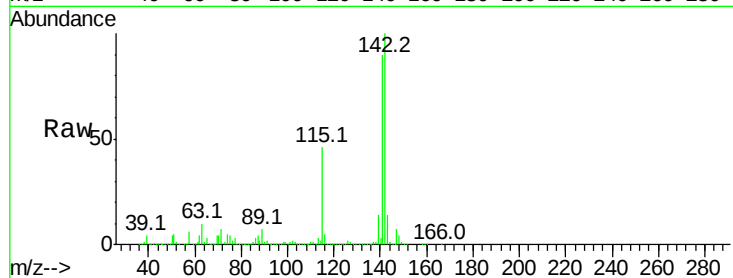
Tot Ion:113 Resp: 237673

Ion Ratio Lower Upper

113 100

55 9.7 192.6 232.6#

56 6.5 148.6 188.6#

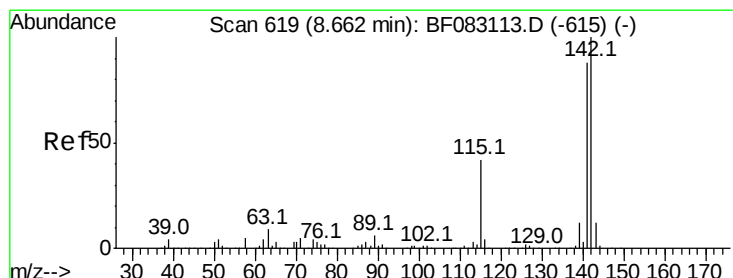
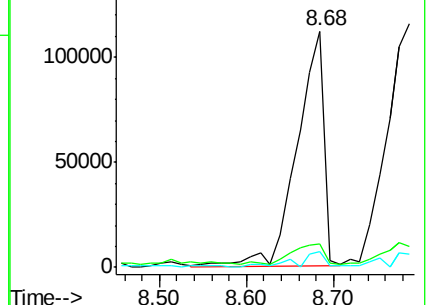
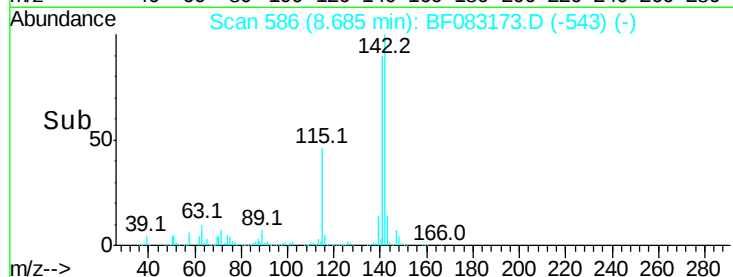


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

Time-->



#37

2-Methylnaphthalene

Concen: 518.73 ng

RT: 8.68 min Scan# 586

Delta R.T. 0.02 min

Lab File: BF083173.D

Acq: 22 Nov 2015 22:09

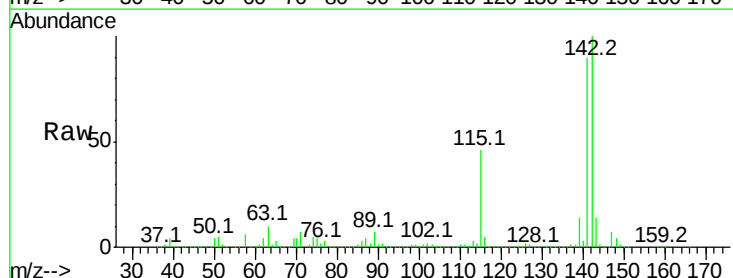
Tgt Ion:142 Resp: 7648069

Ion Ratio Lower Upper

142 100

141 90.3 70.3 105.5

115 45.9 33.4 50.2

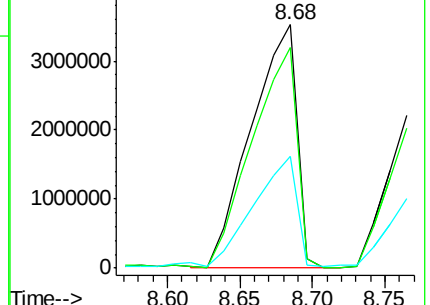
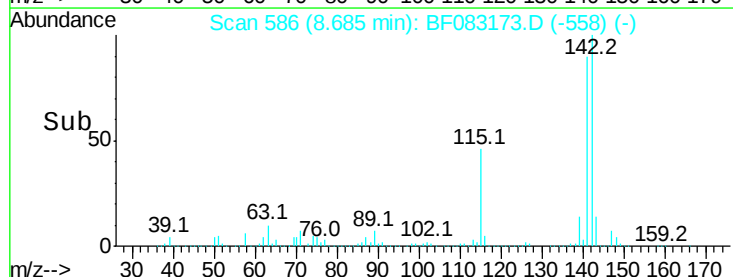


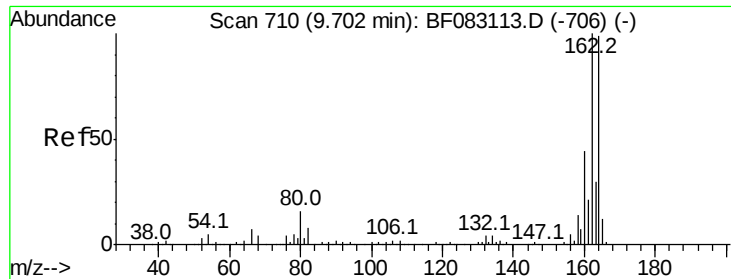
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->

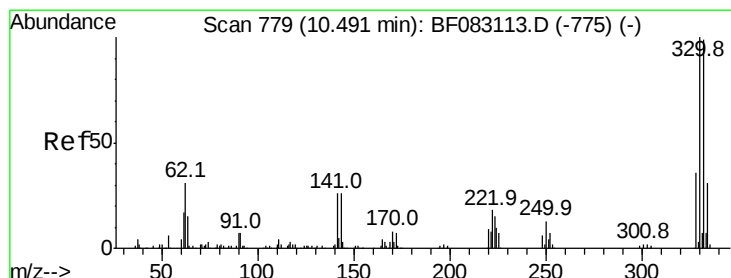
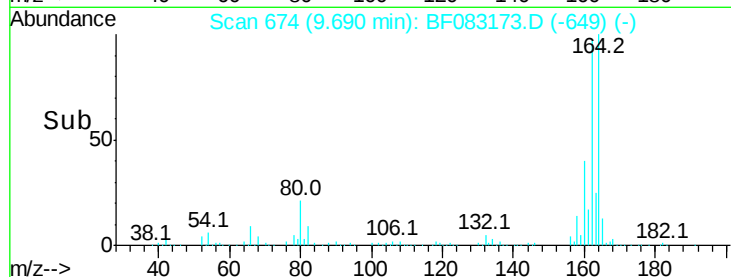
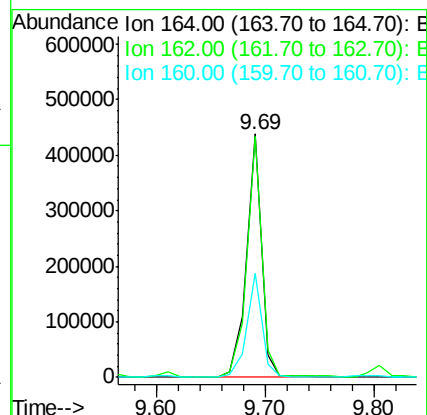
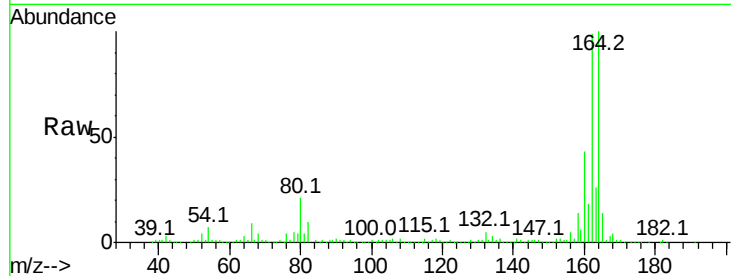




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF083173.D
Acq: 22 Nov 2015 22:09

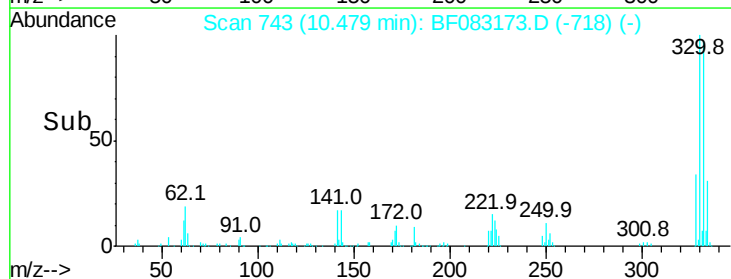
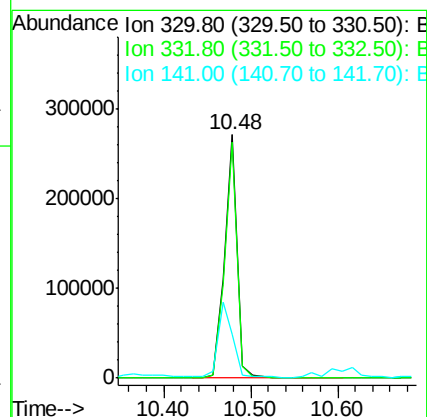
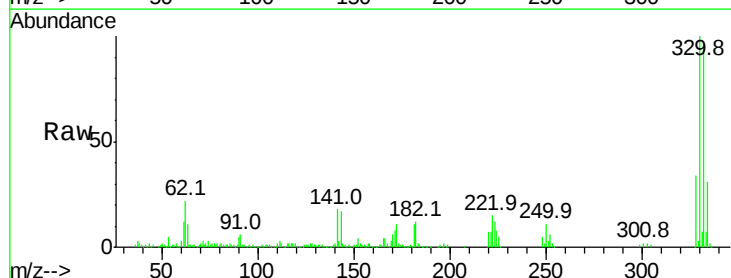
Instrument :
BNA_F
ClientSampleId :
20151110MGP206BRV40

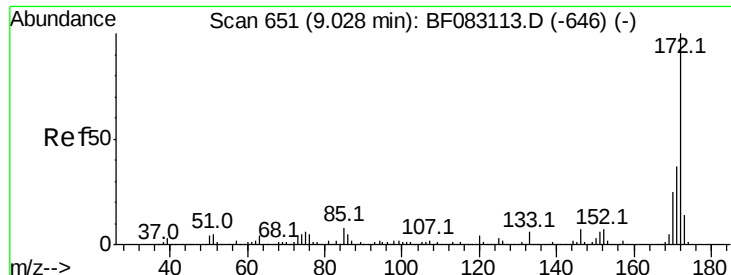
Tot Ion:164 Resp: 413730
Ion Ratio Lower Upper
164 100
162 99.2 81.2 121.8
160 43.0 35.6 53.4



#41
2,4,6-Tribromophenol
Concen: 65.93 ng
RT: 10.48 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF083173.D
Acq: 22 Nov 2015 22:09

Tgt Ion:330 Resp: 279054
Ion Ratio Lower Upper
330 100
332 96.3 77.7 116.5
141 36.3 29.7 44.5



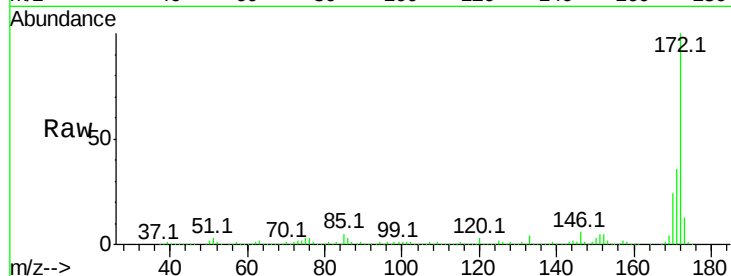


#44
 2-Fluorobiphenyl
 Concen: 74.37 ng
 RT: 9.03 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF083173.D
 Acq: 22 Nov 2015 22:09

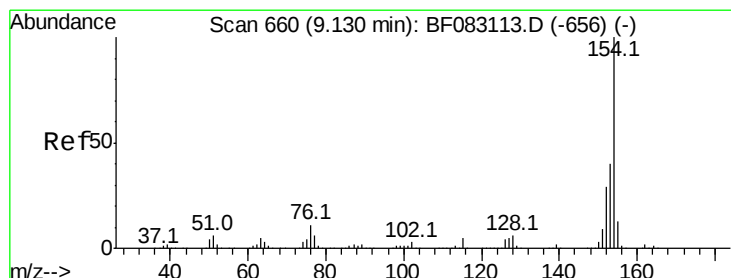
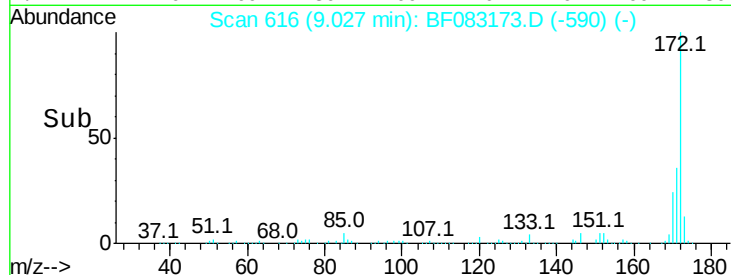
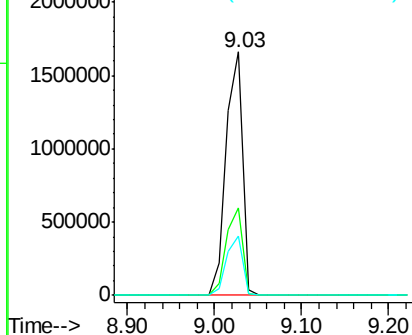
Instrument :
 BNA_F
 ClientSampleId :
 20151110MGP206BRV40

Tot Ion:172 Resp: 2206590

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.5	44.3
170	24.3	19.9	29.9



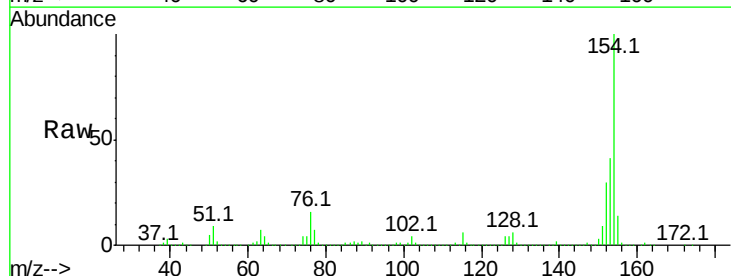
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



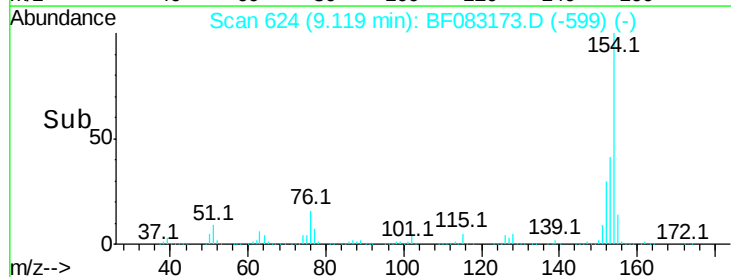
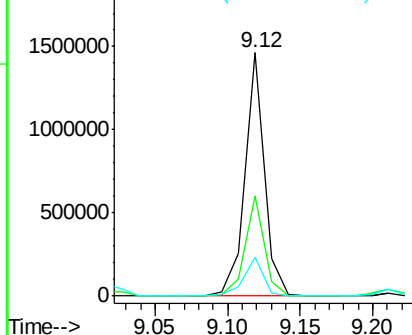
#45
 1,1'-Biphenyl
 Concen: 38.60 ng
 RT: 9.12 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF083173.D
 Acq: 22 Nov 2015 22:09

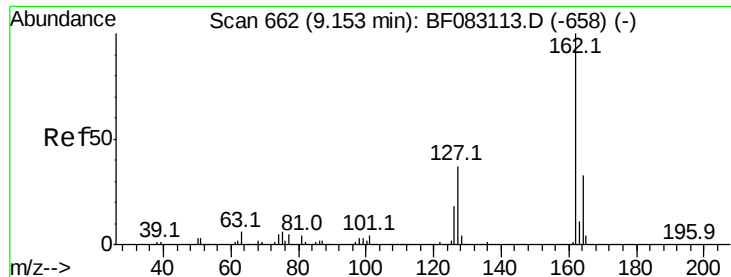
Tgt Ion:154 Resp: 1359251

Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.5	60.5
76	15.7	0.0	31.2



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): BF0

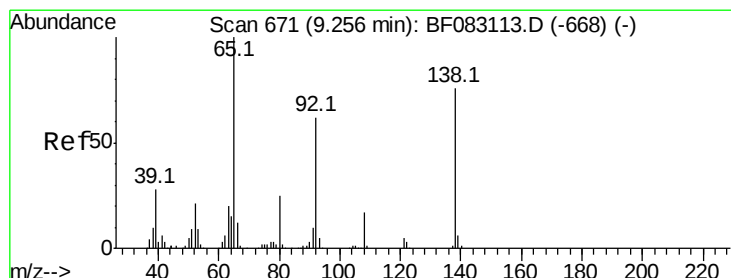
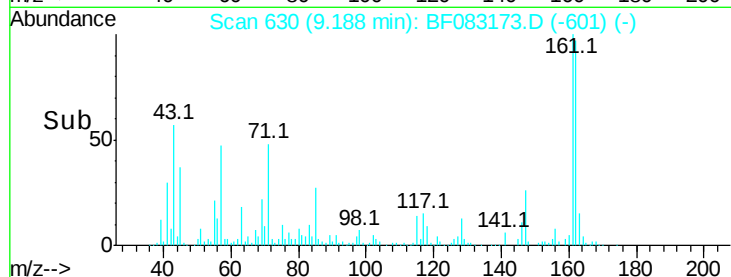
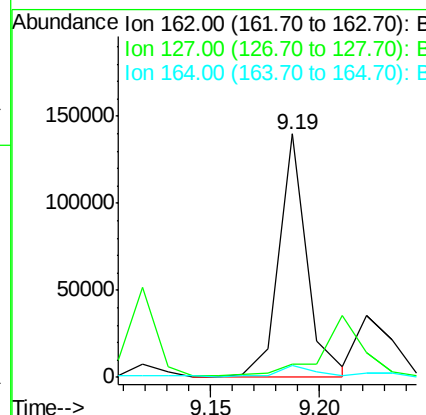
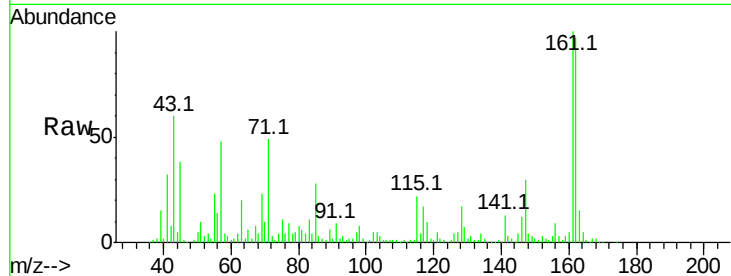




#46
2-Chloronaphthalene
Concen: 4.54 ng
RT: 9.19 min Scan# 630
Delta R.T. 0.03 min
Lab File: BF083173.D
Acq: 22 Nov 2015 22:09

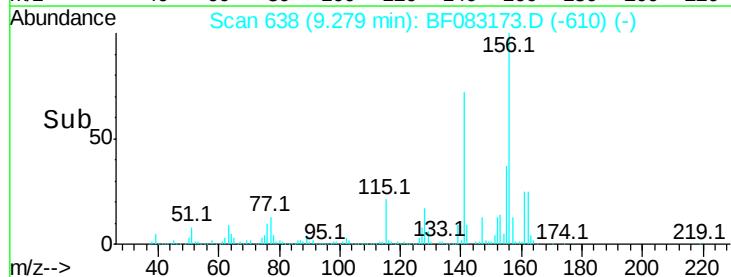
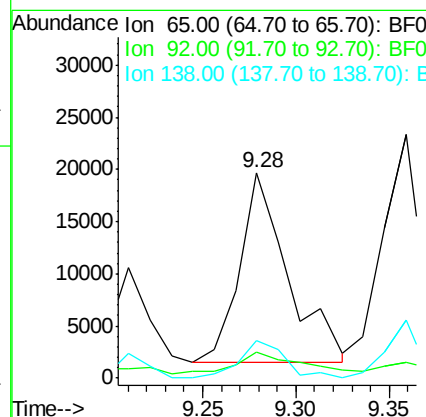
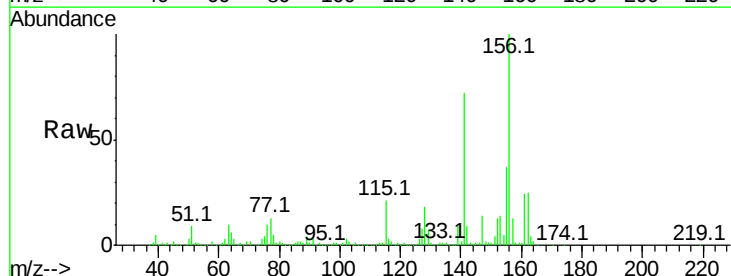
Instrument :
BNA_F
ClientSampleId :
20151110MGP206BRV40

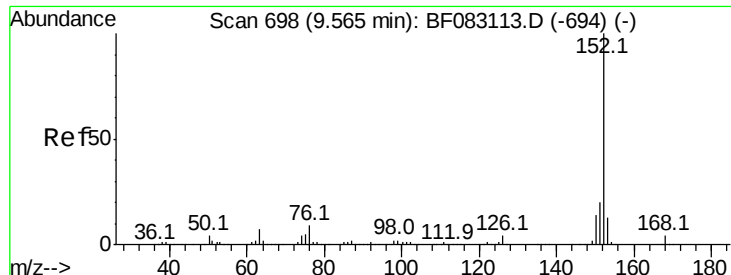
Tot Ion	Ratio	Lower	Upper
162	100		
127	5.6	29.4	44.2#
164	4.9	26.2	39.4#



#47
2-Nitroaniline
Concen: 3.33 ng
RT: 9.28 min Scan# 638
Delta R.T. 0.02 min
Lab File: BF083173.D
Acq: 22 Nov 2015 22:09

Tgt Ion	Ratio	Lower	Upper
65	100		
92	12.9	49.5	74.3#
138	18.1	60.7	91.1#





#48

Acenaphthylene

Concen: 125.47 ng

RT: 9.56 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF083173.D

Acq: 22 Nov 2015 22:09

Instrument :

BNA_F

ClientSampleId :

20151110MGP206BRV40

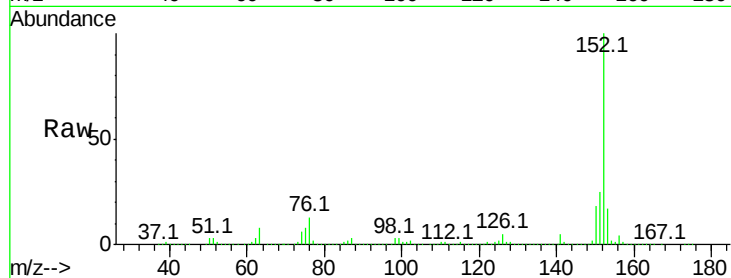
Tot Ion:152 Resp: 5378210

Ion Ratio Lower Upper

152 100

151 24.8 16.3 24.5#

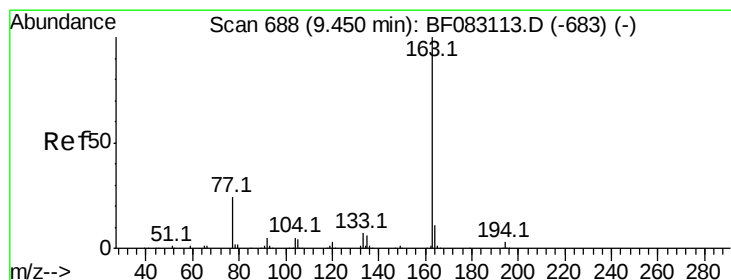
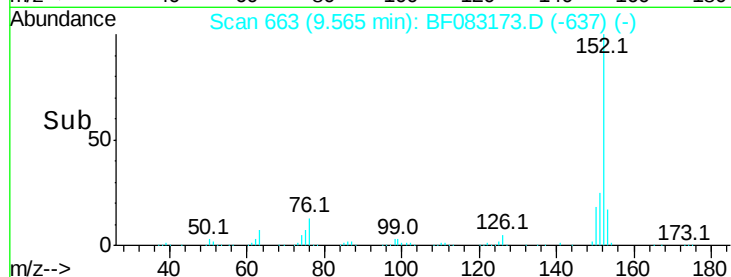
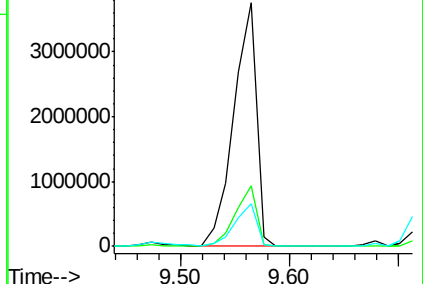
153 17.4 10.8 16.2#



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: 3.63 ng

RT: 9.43 min Scan# 651

Delta R.T. -0.02 min

Lab File: BF083173.D

Acq: 22 Nov 2015 22:09

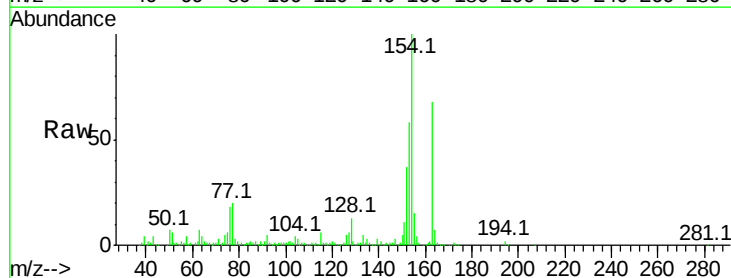
Tgt Ion:163 Resp: 115641

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

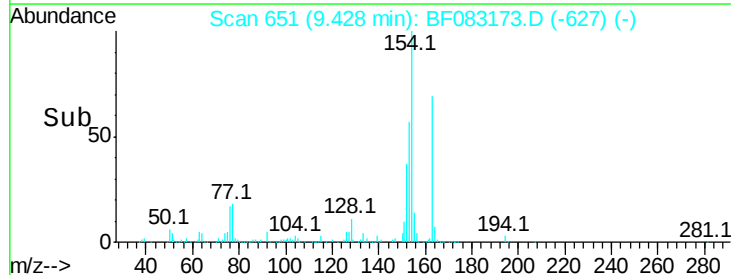
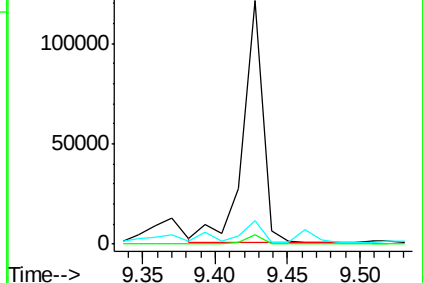
164 9.9 8.6 12.8

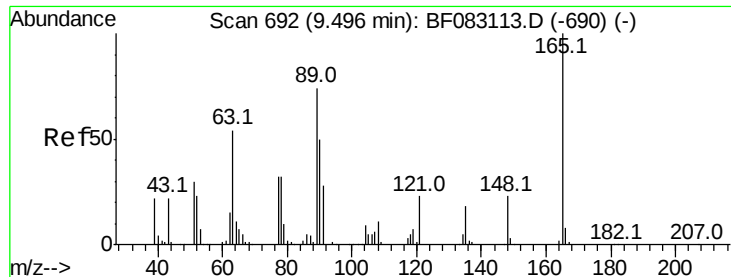


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

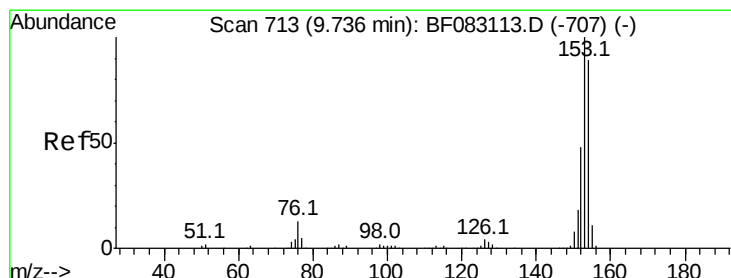
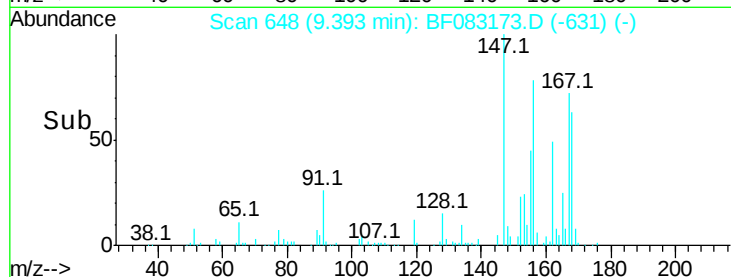
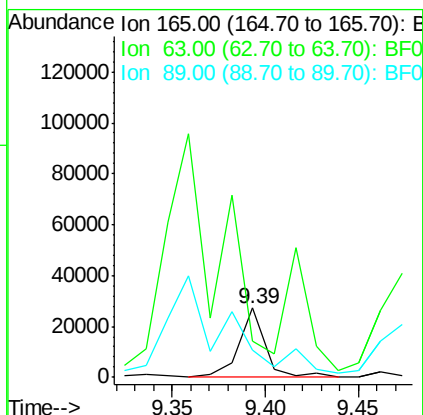
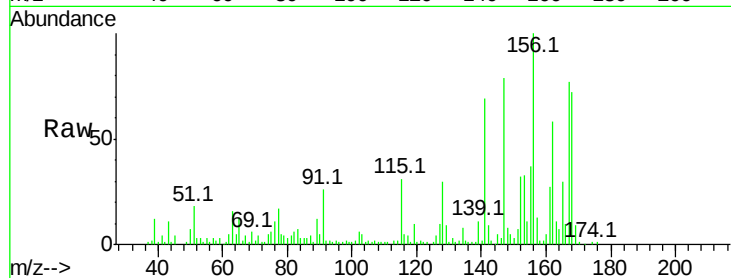




#50
 2,6-Dinitrotoluene
 Concen: 3.83 ng
 RT: 9.39 min Scan# 648
 Delta R.T. -0.10 min
 Lab File: BF083173.D
 Acq: 22 Nov 2015 22:09

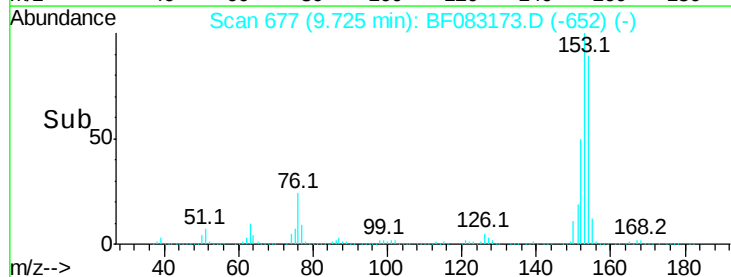
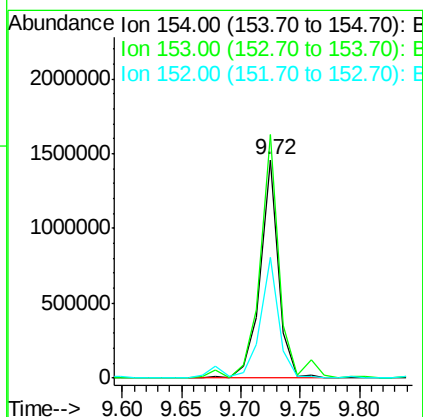
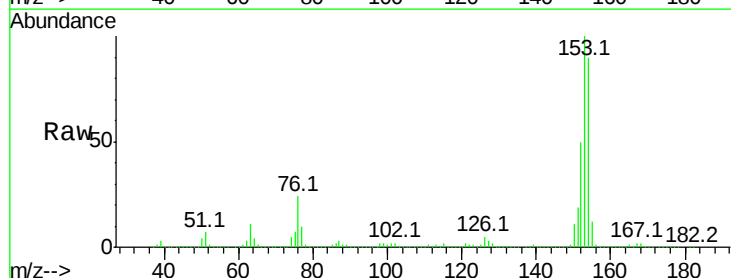
Instrument :
 BNA_F
 ClientSampleId :
 20151110MGP206BRV40

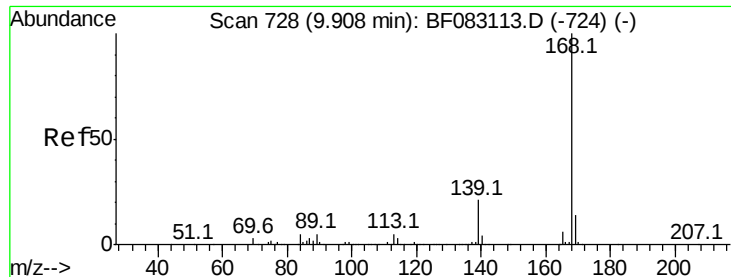
Tot Ion:165 Resp: 27352
 Ion Ratio Lower Upper
 165 100
 63 51.9 62.5 93.7#
 89 40.1 59.1 88.7#



#51
 Acenaphthene
 Concen: 59.85 ng
 RT: 9.72 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: BF083173.D
 Acq: 22 Nov 2015 22:09

Tgt Ion:154 Resp: 1561312
 Ion Ratio Lower Upper
 154 100
 153 111.5 89.6 134.4
 152 55.5 43.3 64.9

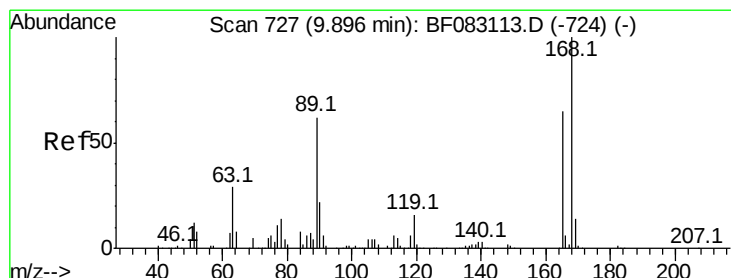
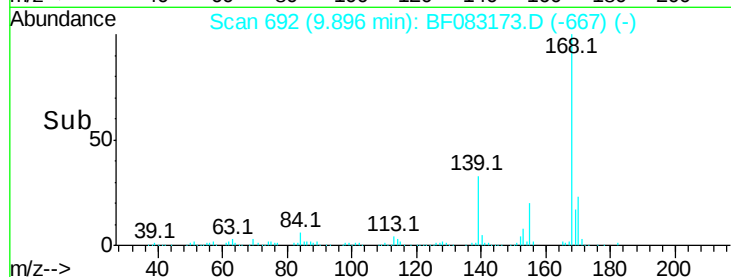
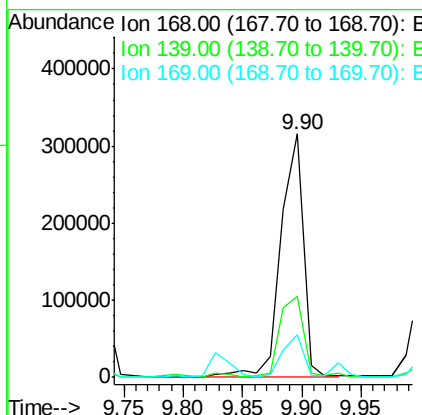
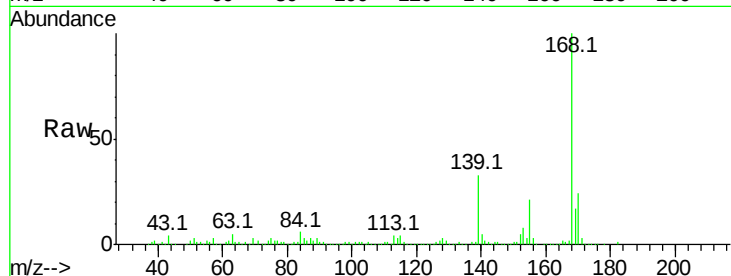




#54
Dibenzofuran
Concen: 11.10 ng
RT: 9.90 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF083173.D
Acq: 22 Nov 2015 22:09

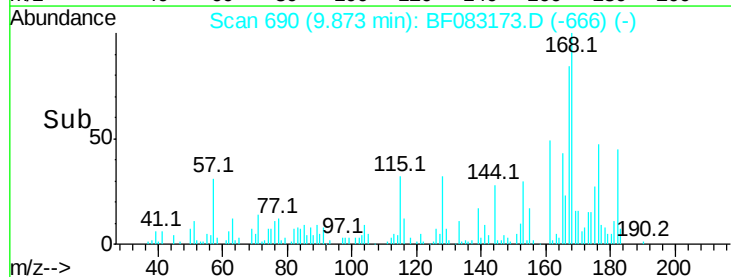
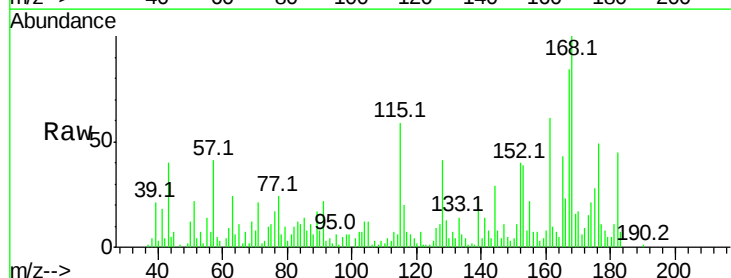
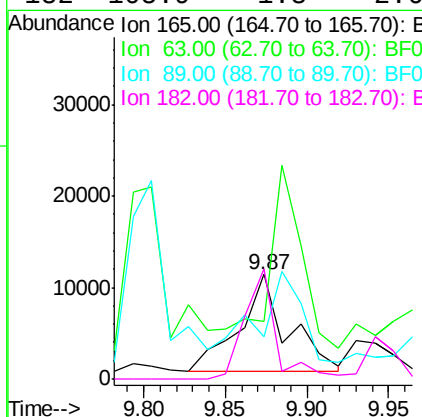
Instrument :
BNA_F
ClientSampleId :
20151110MGP206BRV40

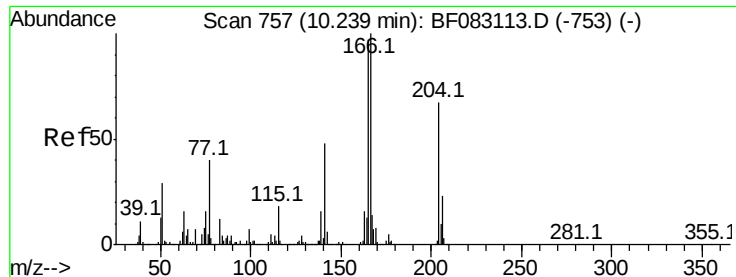
Tot Ion	Ratio	Lower	Upper
168	100		
139	33.2	30.2	45.2
169	17.4	10.9	16.3



#56
2,4-Dinitrotoluene
Concen: 2.42 ng
RT: 9.87 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF083173.D
Acq: 22 Nov 2015 22:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.9	54.5	81.7
89	40.5	77.3	115.9
182	105.9	1.8	2.6





#57

Fluorene

Concen: 72.93 ng

RT: 10.24 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF083173.D

Acq: 22 Nov 2015 22:09

Instrument :

BNA_F

ClientSampleId :

20151110MGP206BRV40

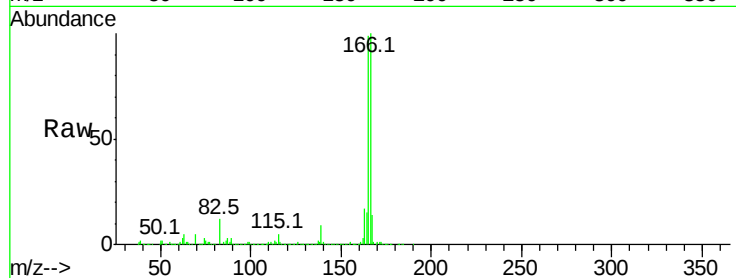
Tot Ion:166 Resp: 2223180

Ion Ratio Lower Upper

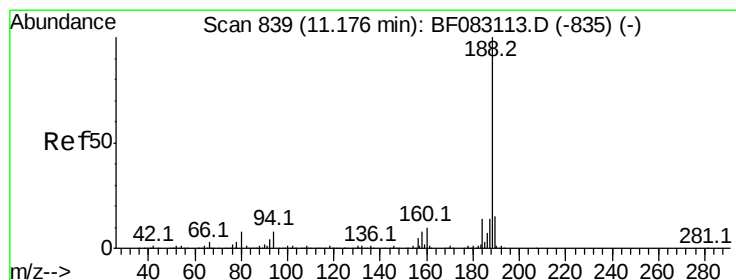
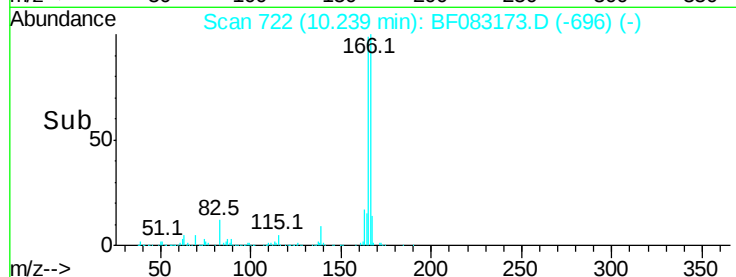
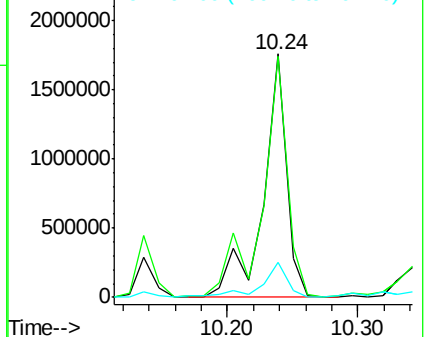
166 100

165 99.1 78.0 117.0

167 14.3 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.16 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF083173.D

Acq: 22 Nov 2015 22:09

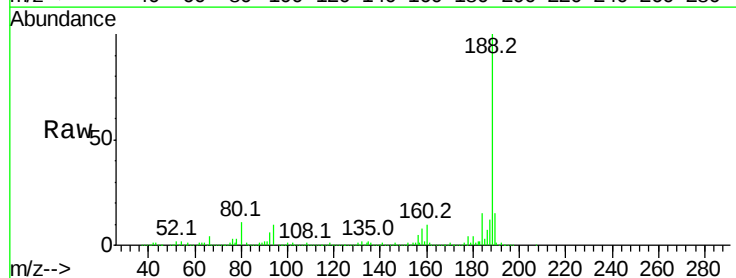
Tgt Ion:188 Resp: 728766

Ion Ratio Lower Upper

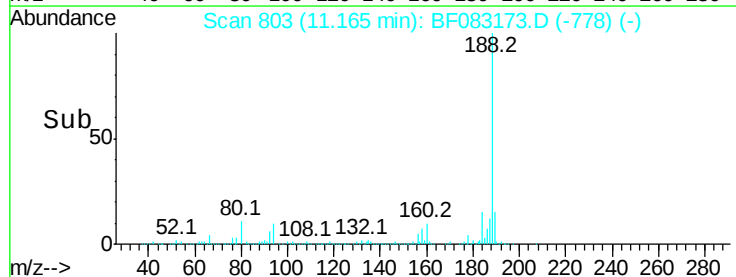
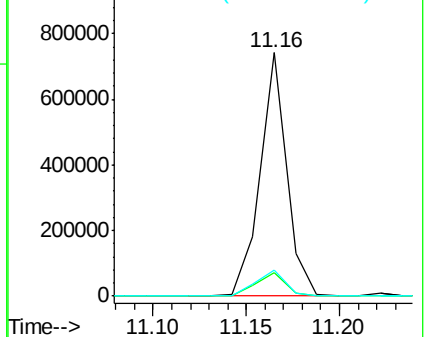
188 100

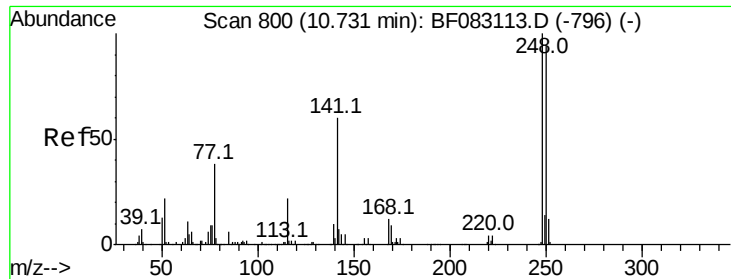
94 9.8 6.0 9.0#

80 10.9 6.7 10.1#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

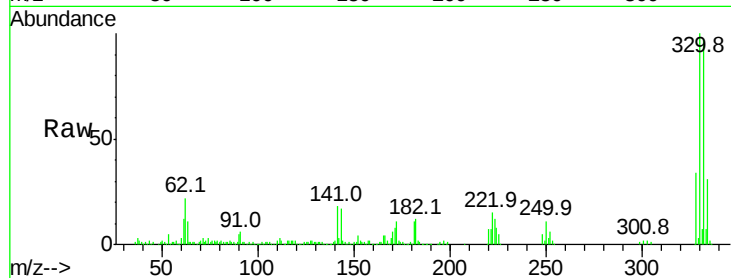




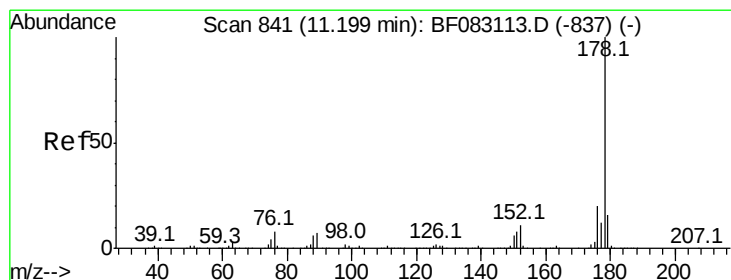
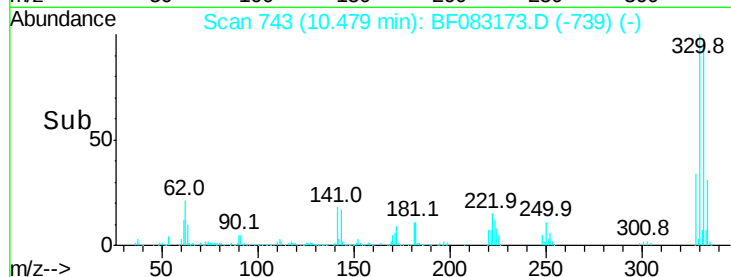
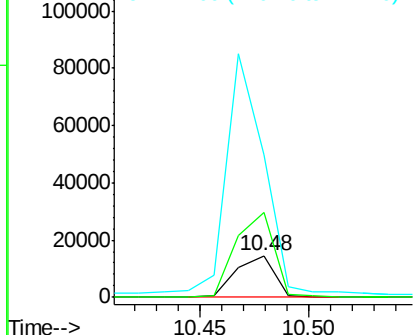
#66
 4-Bromophenyl-phenylether
 Concen: 2.20 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.25 min
 Lab File: BF083173.D
 Acq: 22 Nov 2015 22:09

Instrument :
 BNA_F
 ClientSampleId :
 20151110MGP206BRV40

Tot Ion:248 Resp: 17795
 Ion Ratio Lower Upper
 248 100
 250 202.3 75.4 113.2#
 141 340.5 48.1 72.1#

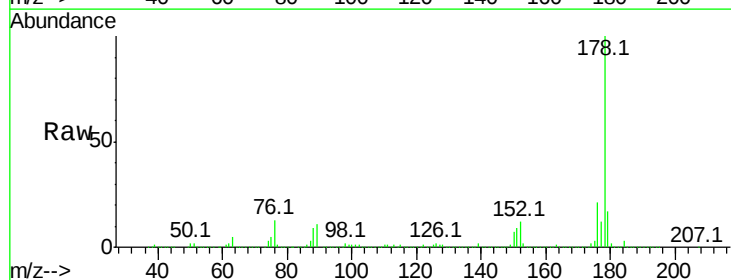


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

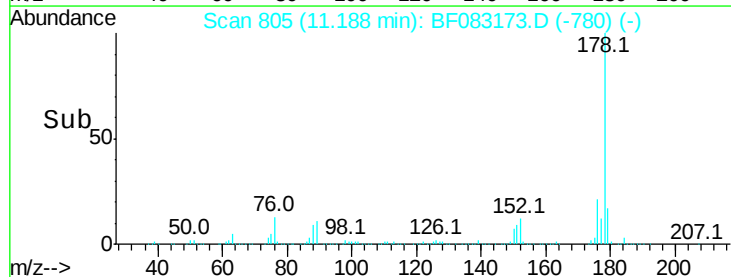
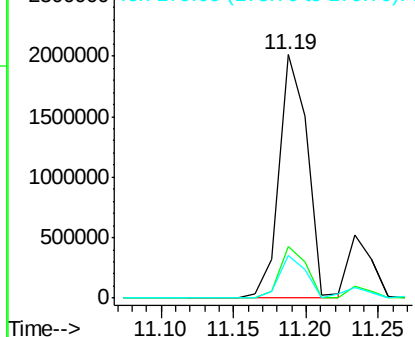


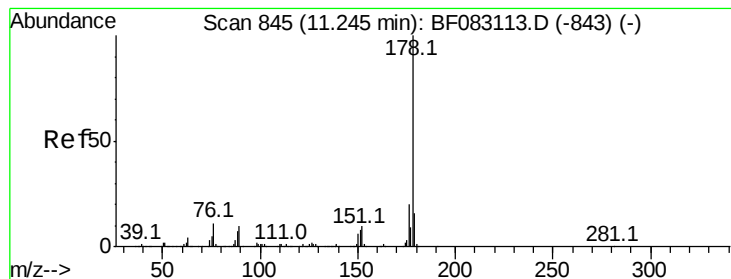
#70
 Phenanthrene
 Concen: 64.09 ng
 RT: 11.19 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF083173.D
 Acq: 22 Nov 2015 22:09

Tgt Ion:178 Resp: 2691157
 Ion Ratio Lower Upper
 178 100
 176 21.2 16.2 24.2
 179 17.3 12.8 19.2



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





#71

Anthracene

Concen: 13.98 ng

RT: 11.23 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF083173.D

Acq: 22 Nov 2015 22:09

Instrument :

BNA_F

ClientSampleId :

20151110MGP206BRV40

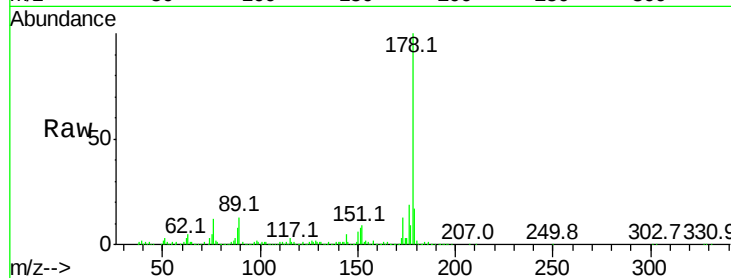
Tot Ion:178 Resp: 598831

Ion Ratio Lower Upper

178 100

176 18.7 15.6 23.4

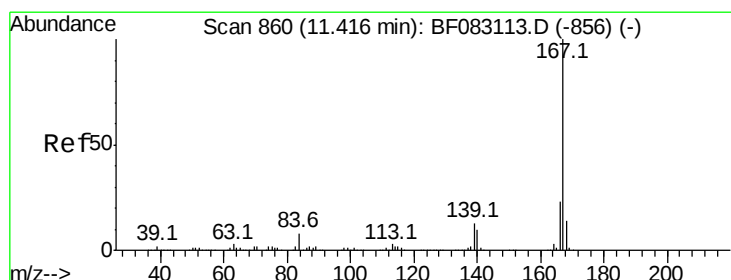
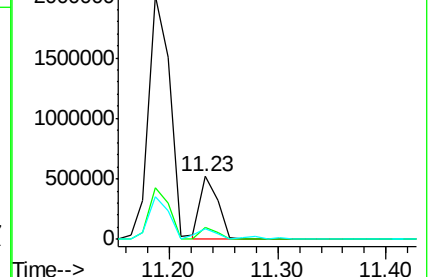
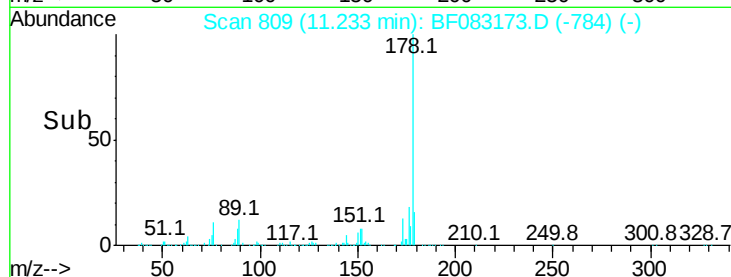
179 16.9 13.2 19.8



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: 21.74 ng

RT: 11.40 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF083173.D

Acq: 22 Nov 2015 22:09

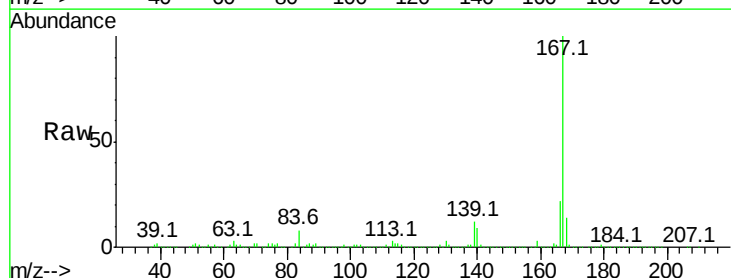
Tgt Ion:167 Resp: 827643

Ion Ratio Lower Upper

167 100

166 22.0 18.0 27.0

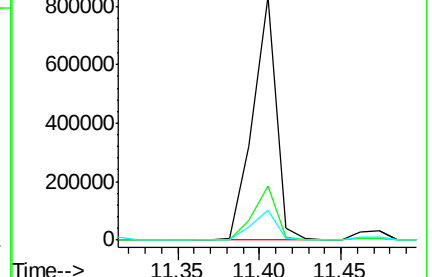
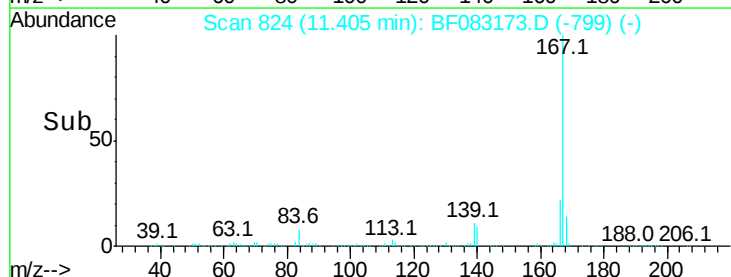
139 12.2 10.5 15.7

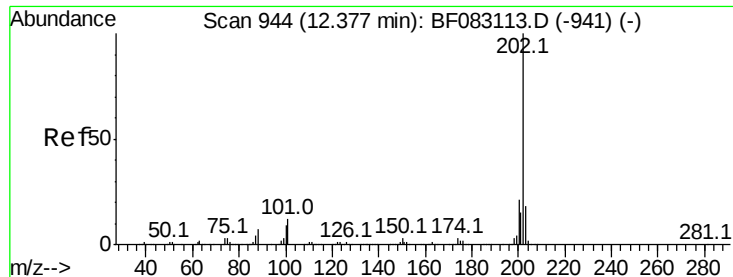


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 5.24 ng

RT: 12.36 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF083173.D

Acq: 22 Nov 2015 22:09

Instrument :

BNA_F

ClientSampleId :

20151110MGP206BRV40

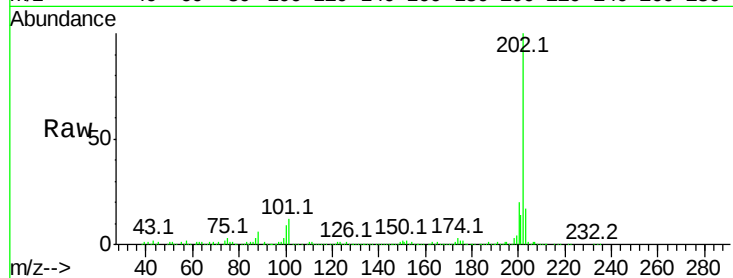
Tot Ion:202 Resp: 225334

Ion Ratio Lower Upper

202 100

101 11.6 0.0 32.3

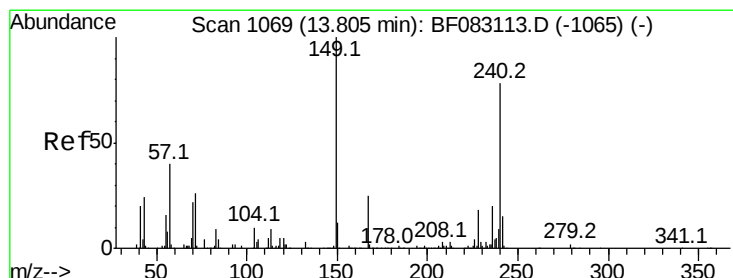
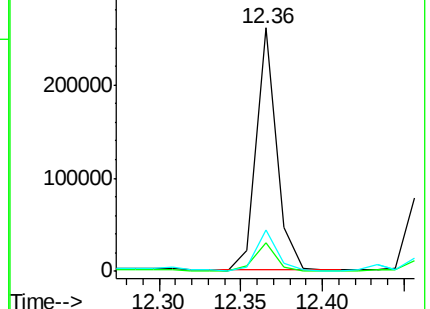
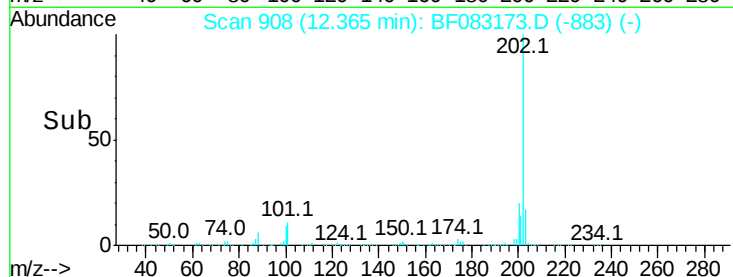
203 17.2 0.0 38.4



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: 20.00 ng

RT: 13.78 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF083173.D

Acq: 22 Nov 2015 22:09

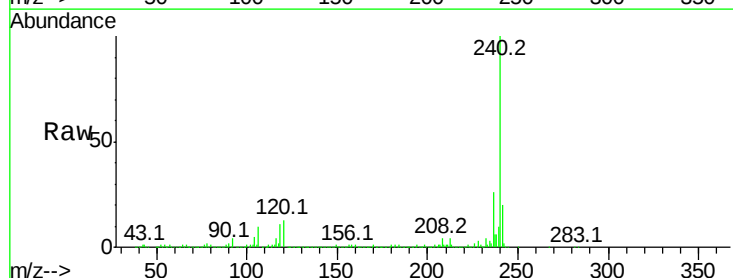
Tgt Ion:240 Resp: 616000

Ion Ratio Lower Upper

240 100

120 12.6 5.4 8.2#

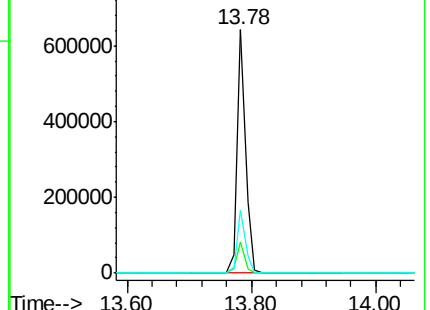
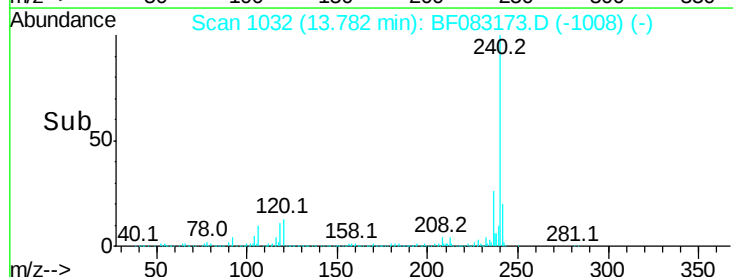
236 26.1 20.6 31.0

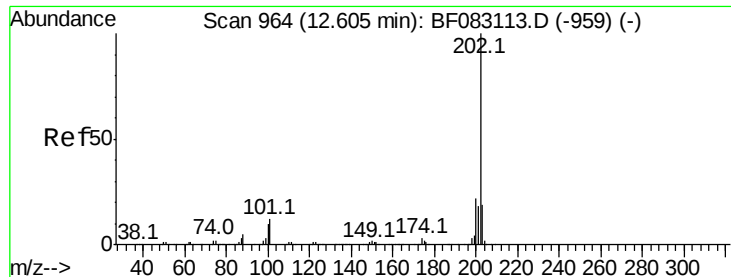


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 7.45 ng

RT: 12.59 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF083173.D

Acq: 22 Nov 2015 22:09

Instrument :

BNA_F

ClientSampleId :

20151110MGP206BRV40

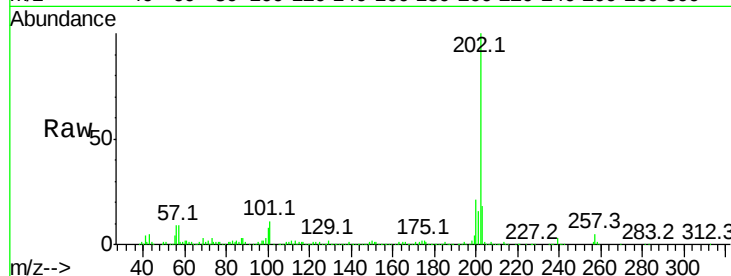
Tot Ion:202 Resp: 313500

Ion Ratio Lower Upper

202 100

200 20.5 17.8 26.6

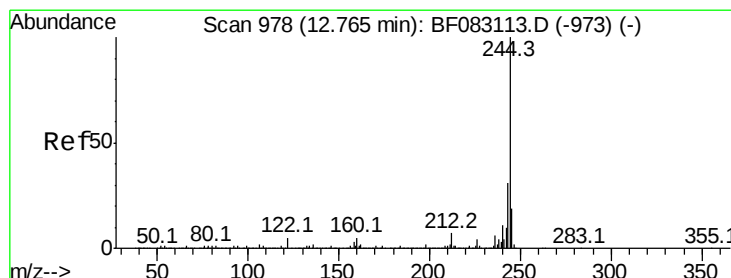
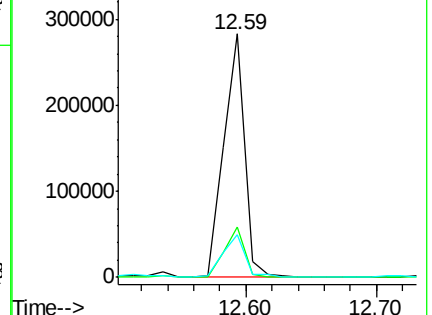
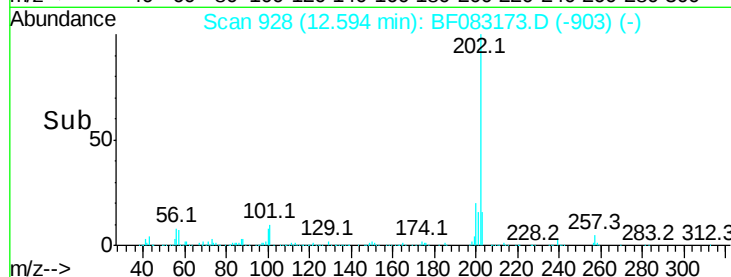
203 17.7 15.0 22.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 62.96 ng

RT: 12.74 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF083173.D

Acq: 22 Nov 2015 22:09

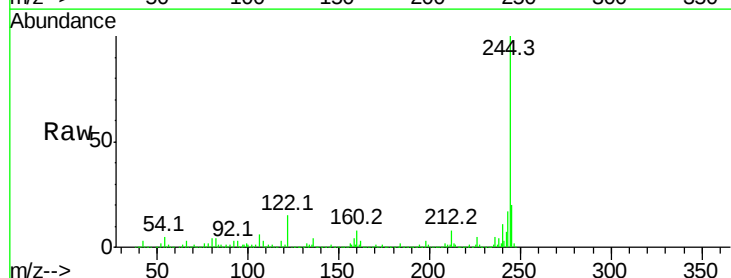
Tgt Ion:244 Resp: 1646875

Ion Ratio Lower Upper

244 100

212 7.8 5.4 8.2

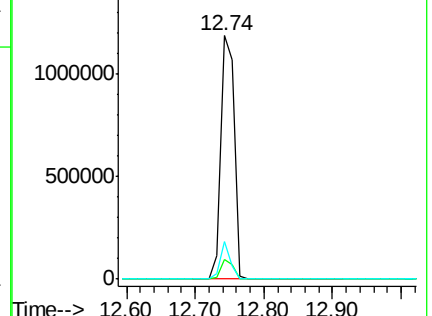
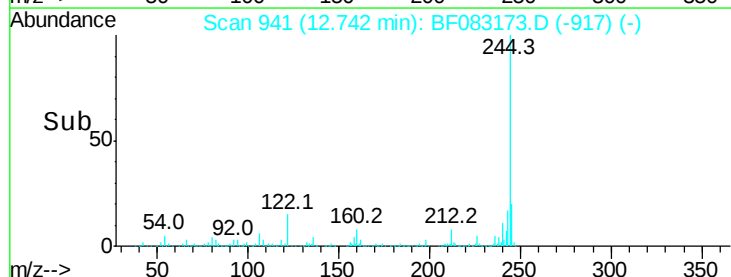
122 15.3 4.3 6.5#

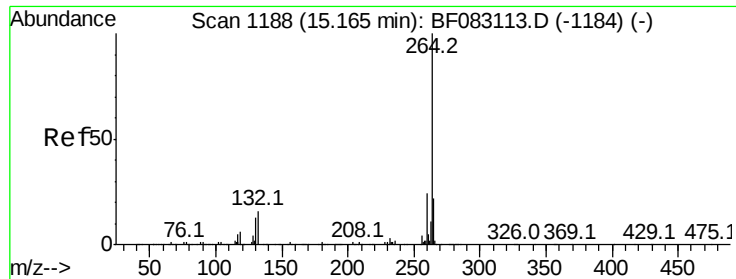


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF083173.D
Acq: 22 Nov 2015 22:09

Instrument :
BNA_F
ClientSampleId :
20151110MGP206BRV40

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.1	28.7
265	21.4	18.2	27.4

