

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042915\
 Data File : BF078832.D
 Acq On : 30 Apr 2015 2:18
 Operator : TP/IZ
 Sample : G2002-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-19(40-45)

Quant Time: Apr 30 03:48:11 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 01:56:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	66198	20.00	ng	0.00
21) Naphthalene-d8	8.96	136	263196	20.00	ng	0.00
38) Acenaphthene-d10	11.14	164	135387	20.00	ng	0.00
63) Phenanthrene-d10	12.98	188	265783	20.00	ng	0.00
75) Chrysene-d12	16.27	240	288471	20.00	ng	-0.01
86) Perylene-d12	18.01	264	315555	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	361855	100.40	ng	0.01
7) Phenol-d6	6.92	99	487874	101.35	ng	0.00
23) Nitrobenzene-d5	8.07	82	272923	74.66	ng	0.00
41) 2,4,6-Tribromophenol	12.12	330	123214	93.10	ng	0.00
44) 2-Fluorobiphenyl	10.31	172	560930	56.74	ng	0.00
78) Terphenyl-d14	14.98	244	685614	56.60	ng	0.00

Target Compounds						Qvalue
9) Benzaldehyde	6.84	77	11621	3.35	ng	# 1
10) Phenol	6.94	94	13533	2.38	ng	# 82
18) Hexachloroethane	8.04	117	74994	46.10	ng	# 1
19) n-Nitroso-di-n-propylamine	7.87	70	13262	3.95	ng	# 51
22) Acetophenone	7.87	105	169300	29.03	ng	# 46
24) Nitrobenzene	8.04	77	58425	14.92	ng	# 24
25) Isophorone	8.38	82	48666	5.89	ng	# 1
26) 2-Nitrophenol	8.50	139	6848	11.78	ng	# 1
27) 2,4-Dimethylphenol	8.54	122	8257	2.25	ng	# 1
29) 2,4-Dichlorophenol	8.78	162	8022	2.56	ng	# 1
31) Naphthalene	8.99	128	200652	16.06	ng	# 88
32) Benzoic acid	8.58	122	3190	2.87	ng	# 1
35) Caprolactam	9.47	113	4085	4.09	ng	# 1
37) 2-Methylnaphthalene	9.85	142	413039	49.15	ng	# 99
42) 2,4,6-Trichlorophenol	10.22	196	5507	2.36	ng	# 10
43) 2,4,5-Trichlorophenol	10.22	196	5507	2.21	ng	# 1
47) 2-Nitroaniline	10.59	65	4540	2.45	ng	# 1
49) Dimethylphthalate	10.81	163	32382	3.36	ng	# 91
50) 2,6-Dinitrotoluene	10.86	165	4308	2.75	ng	# 82
55) 4-Nitrophenol	11.28	139	11014	12.74	ng	# 6
56) 2,4-Dinitrotoluene	11.38	165	12133	9.20	ng	# 36
57) Fluorene	11.82	166	27326	2.86	ng	# 75
61) 4-Nitroaniline	11.82	138	1001	Below Cal		# 46
62) Azobenzene	12.03	77	35401	3.63	ng	# 10
64) 4,6-Dinitro-2-methylphenol	11.85	198	727	2.85	ng	# 1
65) n-Nitrosodiphenylamine	11.98	169	46035	5.36	ng	# 37
70) Phenanthrene	13.02	178	44643	3.10	ng	# 97
71) Anthracene	13.02	178	32561	2.31	ng	# 98
74) Fluoranthene	14.49	202	35485	2.47	ng	# 99
77) Pyrene	14.78	202	34049	2.02	ng	# 97
84) Di-n-octyl phthalate	17.07	149	5487	7.22	ng	# 100
87) Benzo(b)fluoranthene	17.55	252	37428	2.19	ng	# 95
88) Benzo(k)fluoranthene	17.55	252	37909	2.29	ng	# 95

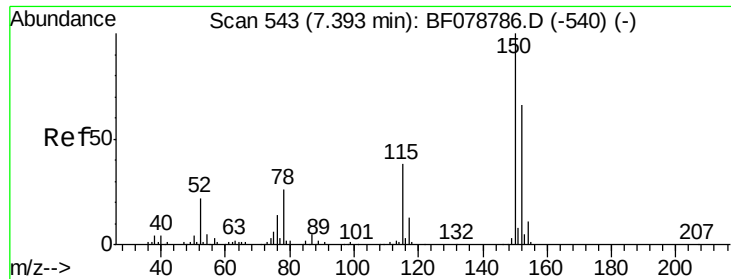
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042915\
Data File : BF078832.D
Acq On : 30 Apr 2015 2:18
Operator : TP/IZ
Sample : G2002-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-19(40-45)

Quant Time: Apr 30 03:48:11 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 30 01:56:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

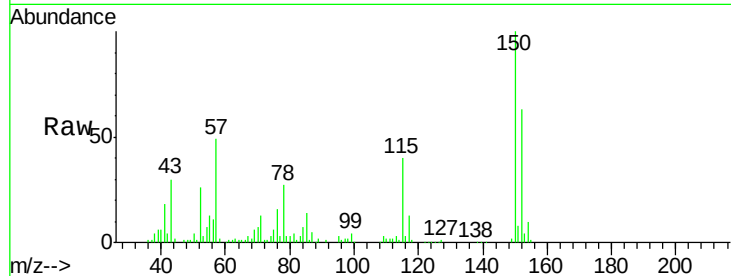


#1

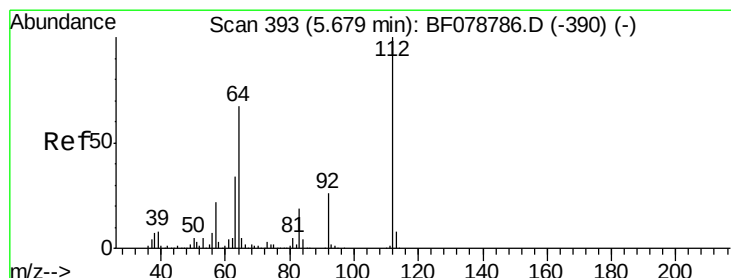
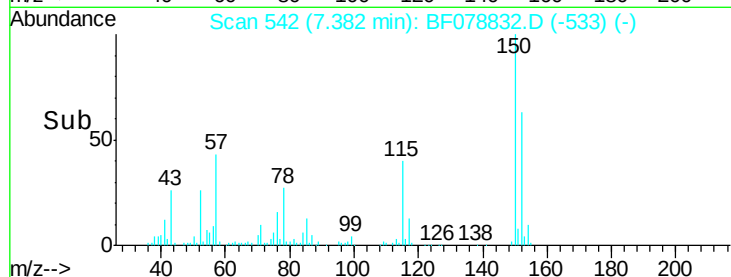
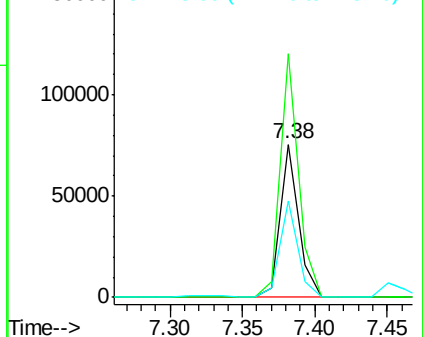
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF078832.D
Acq: 30 Apr 2015 2:18

Instrument :
BNA_F
ClientSampleId :
SB-19(40-45)

Tgt Ion:152 Resp: 66198
Ion Ratio Lower Upper
152 100
150 158.8 122.0 183.0
115 62.8 46.3 69.5



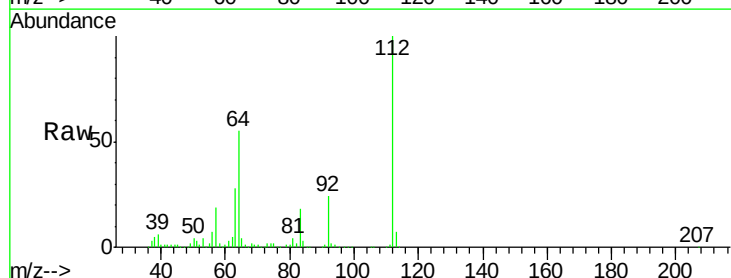
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



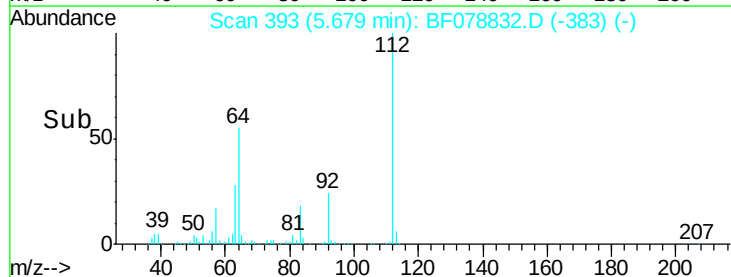
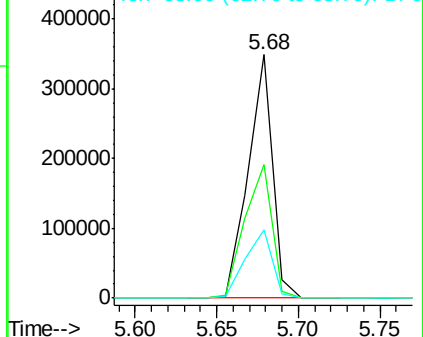
#5

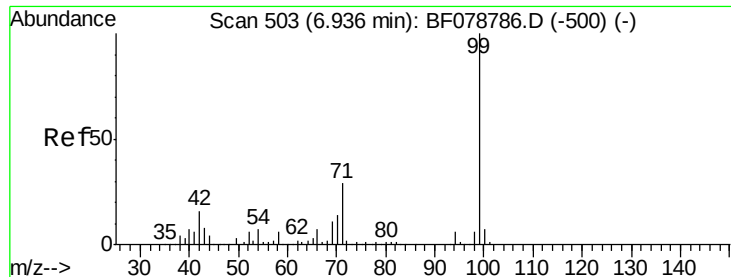
2-Fluorophenol
Concen: 100.40 ng
RT: 5.68 min Scan# 393
Delta R.T. 0.01 min
Lab File: BF078832.D
Acq: 30 Apr 2015 2:18

Tgt Ion:112 Resp: 361855
Ion Ratio Lower Upper
112 100
64 54.8 53.5 80.3
63 27.9 27.5 41.3



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: 101.35 ng

RT: 6.92 min Scan# 502

Delta R.T. -0.00 min

Lab File: BF078832.D

Acq: 30 Apr 2015 2:18

Instrument :

BNA_F

ClientSampleId :

SB-19(40-45)

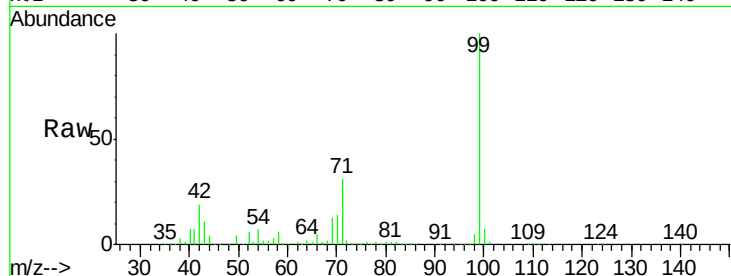
Tgt Ion: 99 Resp: 487874

Ion Ratio Lower Upper

99 100

42 18.9 12.8 19.2

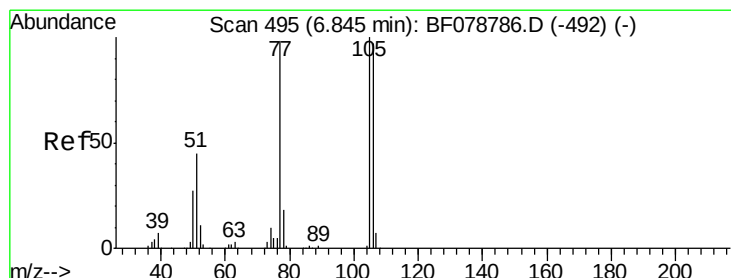
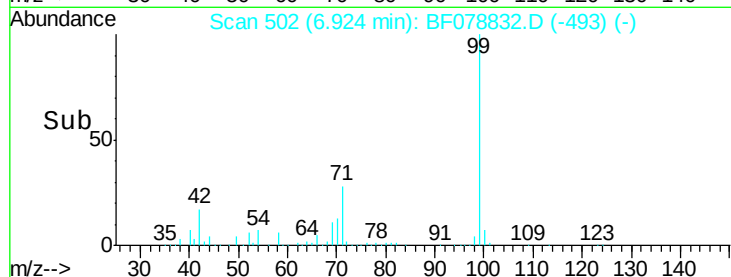
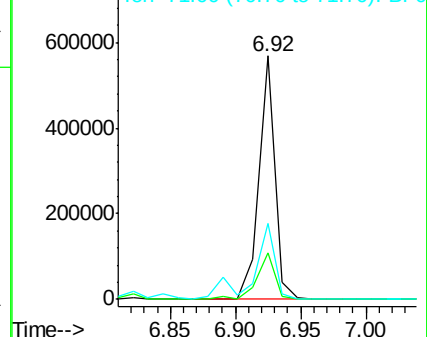
71 31.0 23.4 35.2



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: 3.35 ng

RT: 6.84 min Scan# 495

Delta R.T. 0.01 min

Lab File: BF078832.D

Acq: 30 Apr 2015 2:18

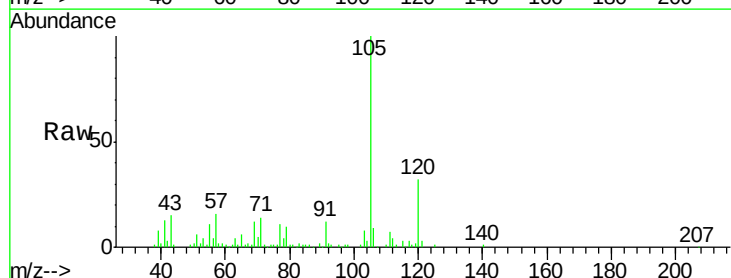
Tgt Ion: 77 Resp: 11621

Ion Ratio Lower Upper

77 100

105 870.3 81.7 121.7#

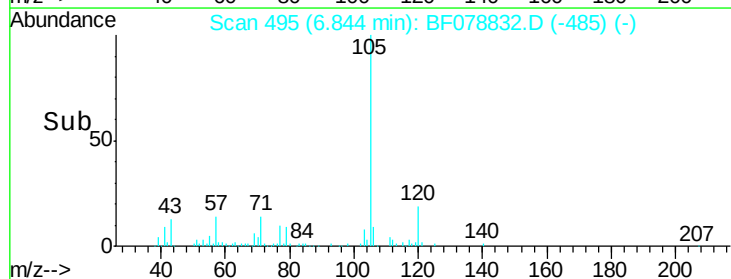
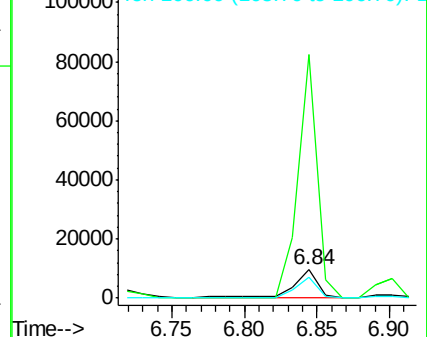
106 75.2 79.0 119.0#

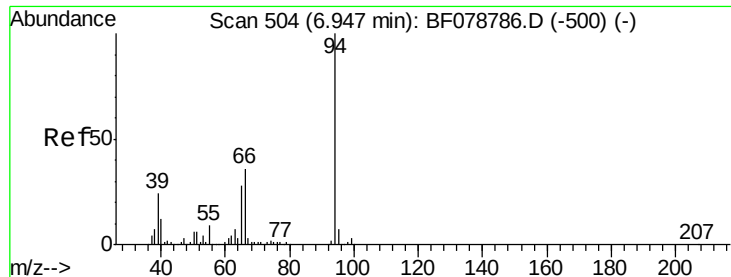


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

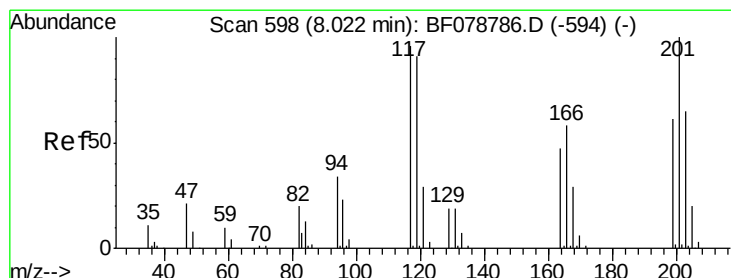
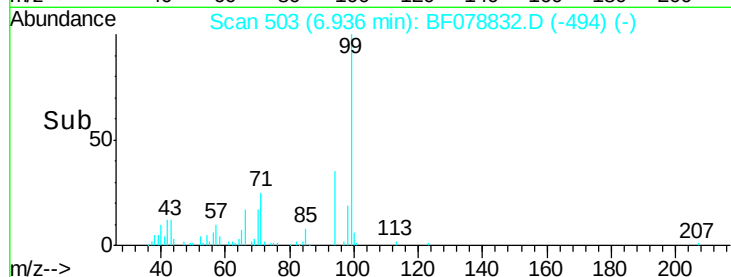
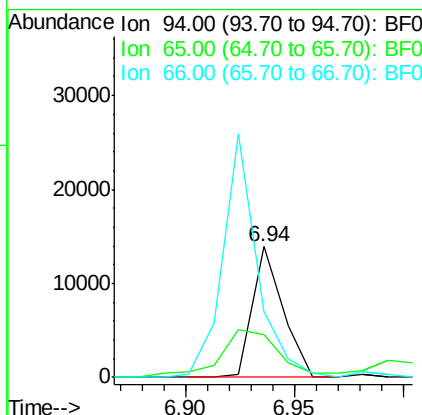
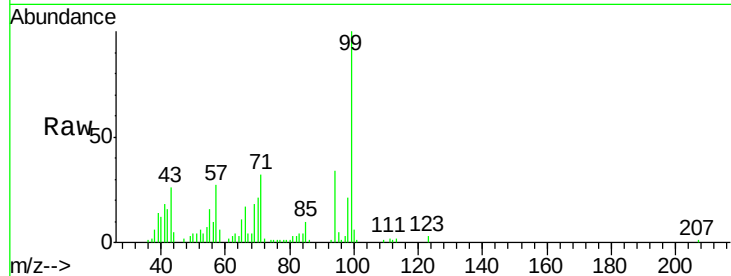




#10
Phenol
Concen: 2.38 ng
RT: 6.94 min Scan# 503
Delta R.T. -0.00 min
Lab File: BF078832.D
Acq: 30 Apr 2015 2:18

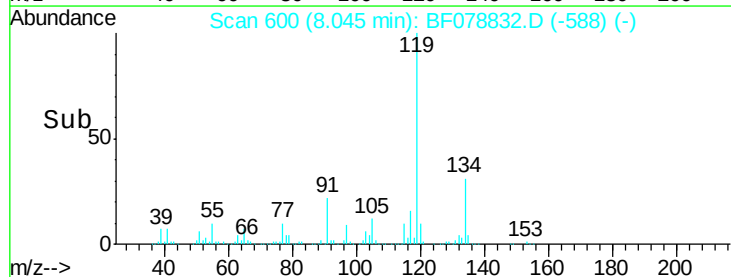
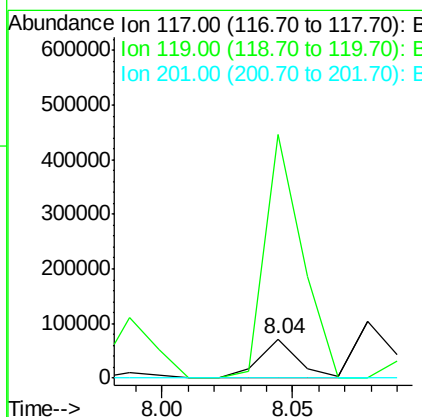
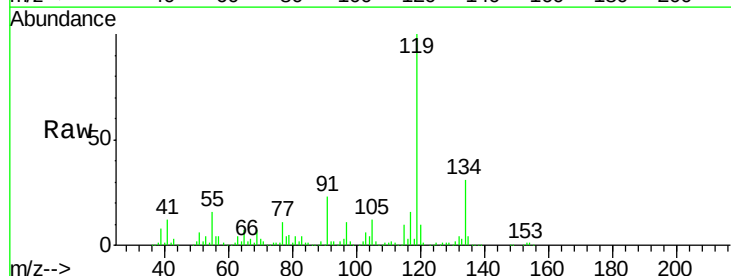
Instrument :
BNA_F
ClientSampleId :
SB-19(40-45)

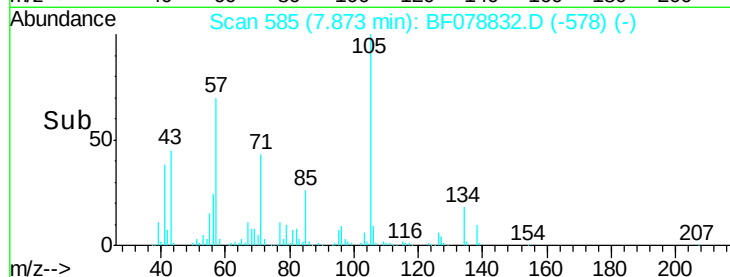
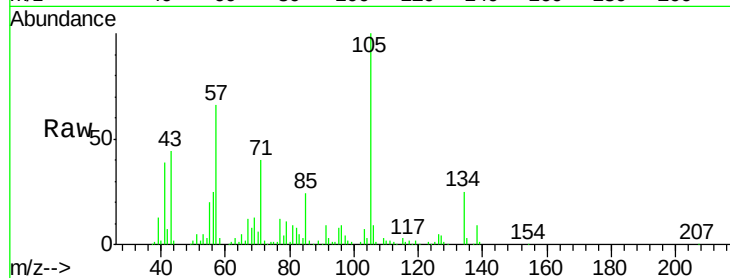
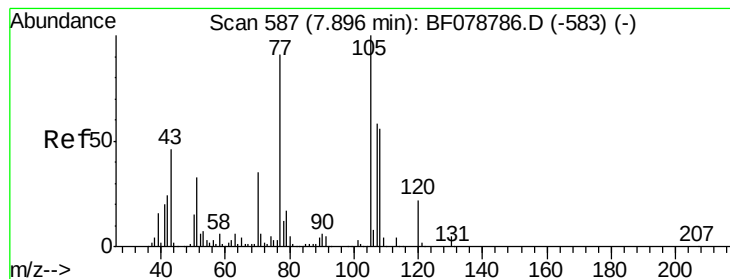
Tgt Ion: 94 Resp: 13533
Ion Ratio Lower Upper
94 100
65 32.9 8.5 48.5
66 50.8 16.0 56.0



#18
Hexachloroethane
Concen: 46.10 ng
RT: 8.04 min Scan# 600
Delta R.T. 0.03 min
Lab File: BF078832.D
Acq: 30 Apr 2015 2:18

Tgt Ion: 117 Resp: 74994
Ion Ratio Lower Upper
117 100
119 624.9 75.4 113.0#
201 0.0 83.2 124.8#





#19

n-Nitroso-di-n-propylamine

Concen: 3.95 ng

RT: 7.87 min Scan# 585

Delta R.T. -0.02 min

Lab File: BF078832.D

Acq: 30 Apr 2015 2:18

Instrument :

BNA_F

ClientSampleId :

SB-19(40-45)

Tgt Ion: 70 Resp: 13262

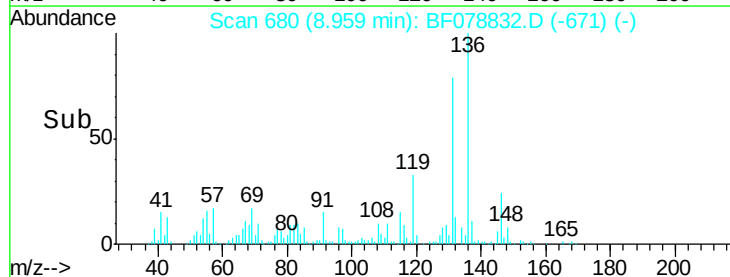
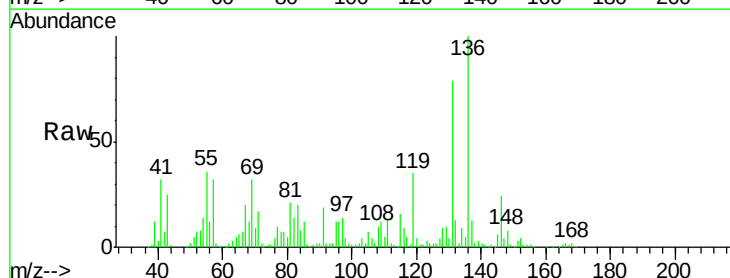
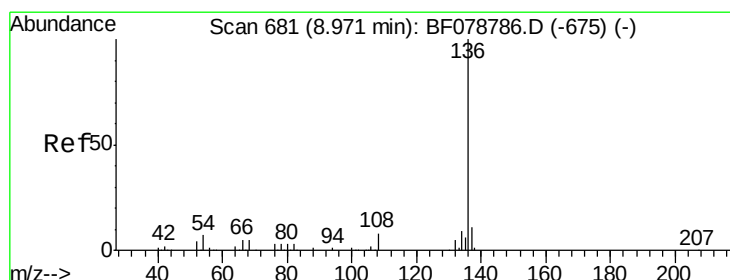
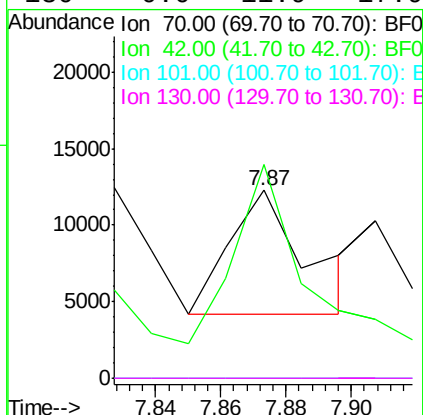
Ion Ratio Lower Upper

70 100

42 113.6 55.4 83.0#

101 0.0 6.6 10.0#

130 0.0 11.9 17.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.96 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF078832.D

Acq: 30 Apr 2015 2:18

Tgt Ion: 136 Resp: 263196

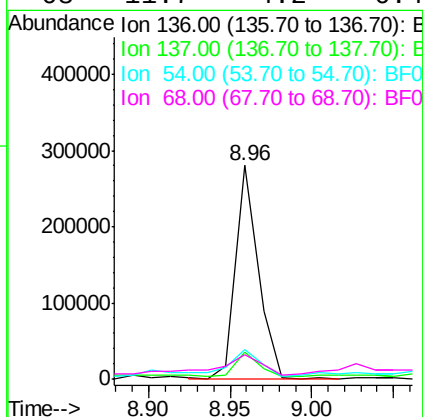
Ion Ratio Lower Upper

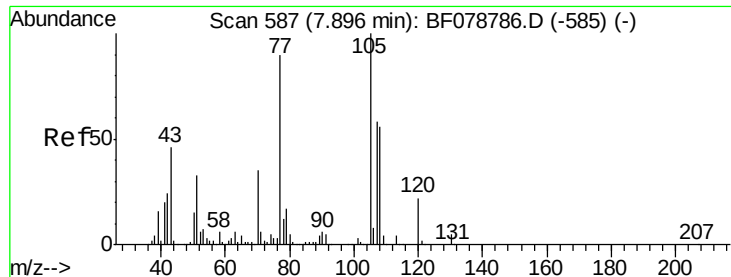
136 100

137 12.8 8.7 13.1

54 13.6 5.8 8.8#

68 11.7 4.2 6.4#





#22

Acetophenone

Concen: 29.03 ng

RT: 7.87 min Scan# 585

Delta R.T. -0.01 min

Lab File: BF078832.D

Acq: 30 Apr 2015 2:18

Instrument :

BNA_F

ClientSampleId :

SB-19(40-45)

Tgt Ion: 105 Resp: 169300

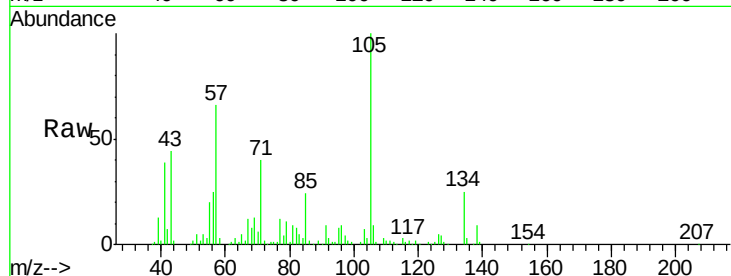
Ion Ratio Lower Upper

105 100

71 40.1 4.6 6.8#

51 4.5 26.7 40.1#

120 0.2 17.4 26.0#

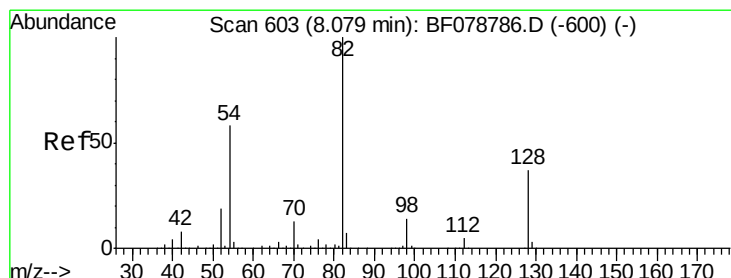
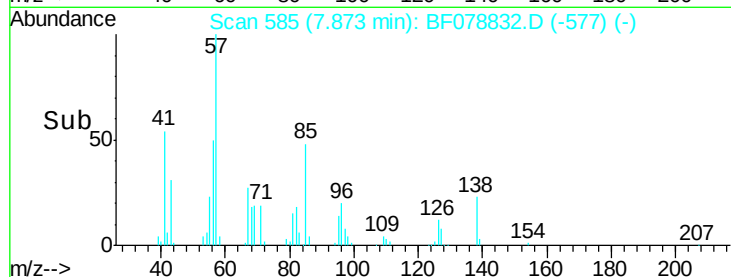
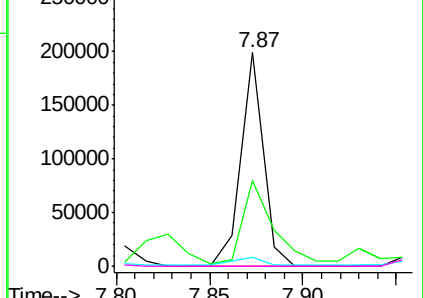


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 74.66 ng

RT: 8.07 min Scan# 602

Delta R.T. -0.00 min

Lab File: BF078832.D

Acq: 30 Apr 2015 2:18

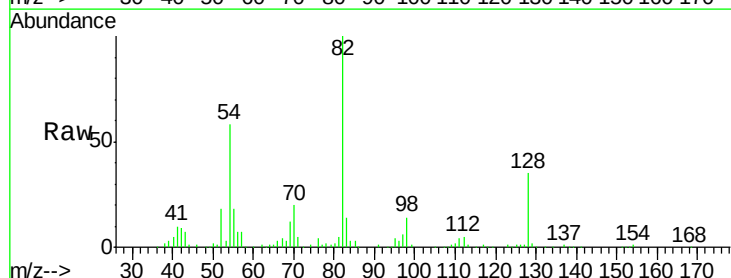
Tgt Ion: 82 Resp: 272923

Ion Ratio Lower Upper

82 100

128 35.2 30.0 45.0

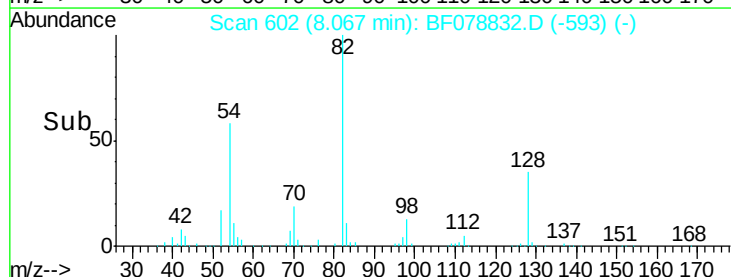
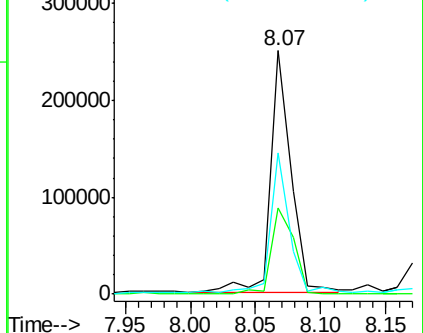
54 58.0 46.4 69.6

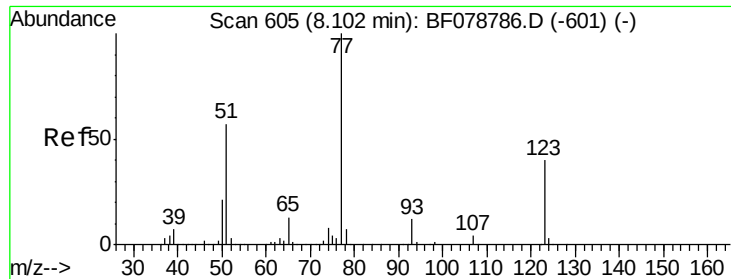


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

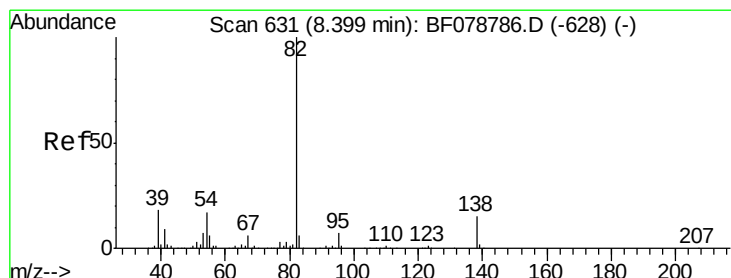
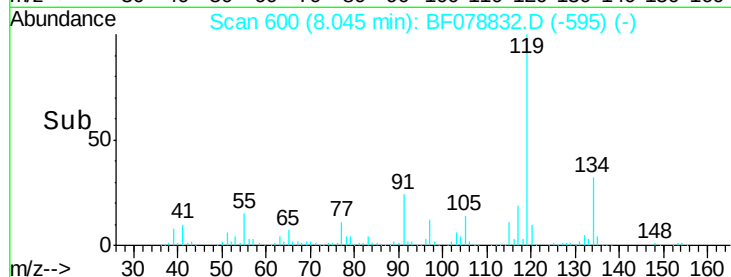
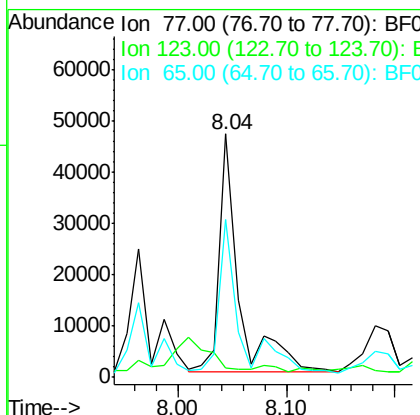
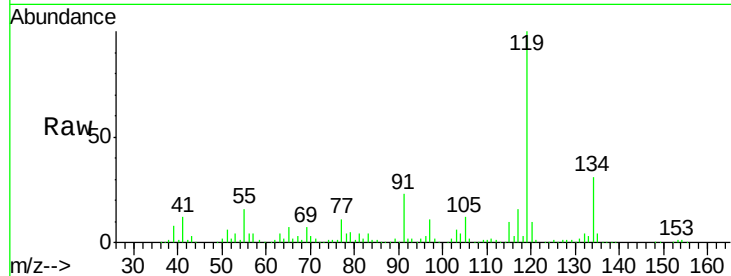




#24
 Nitrobenzene
 Concen: 14.92 ng
 RT: 8.04 min Scan# 600
 Delta R.T. -0.05 min
 Lab File: BF078832.D
 Acq: 30 Apr 2015 2:18

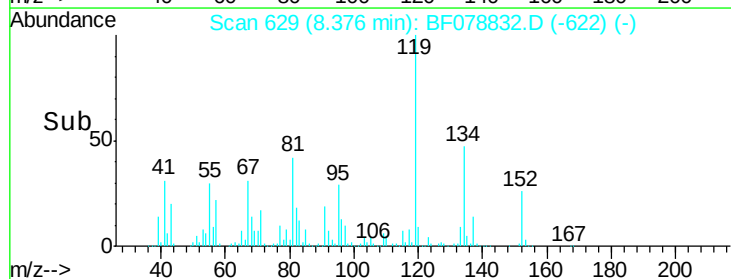
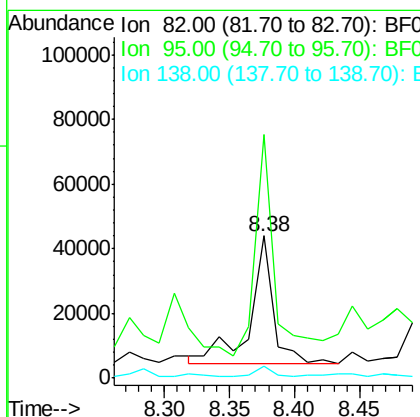
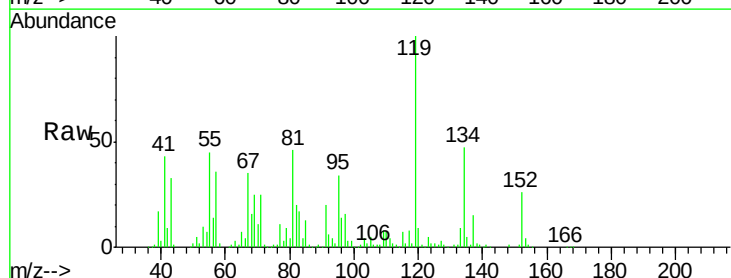
Instrument :
 BNA_F
 ClientSampleId :
 SB-19(40-45)

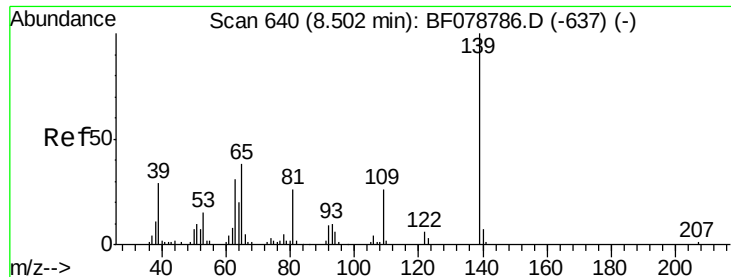
Tgt Ion: 77 Resp: 58425
 Ion Ratio Lower Upper
 77 100
 123 3.6 31.8 47.8#
 65 64.8 10.6 15.8#



#25
 Isophorone
 Concen: 5.89 ng
 RT: 8.38 min Scan# 629
 Delta R.T. -0.02 min
 Lab File: BF078832.D
 Acq: 30 Apr 2015 2:18

Tgt Ion: 82 Resp: 48666
 Ion Ratio Lower Upper
 82 100
 95 171.6 5.3 7.9#
 138 8.4 12.0 18.0#





#26

2-Nitrophenol

Concen: 11.78 ng

RT: 8.50 min Scan# 640

Delta R.T. 0.01 min

Lab File: BF078832.D

Acq: 30 Apr 2015 2:18

Instrument :

BNA_F

ClientSampleId :

SB-19(40-45)

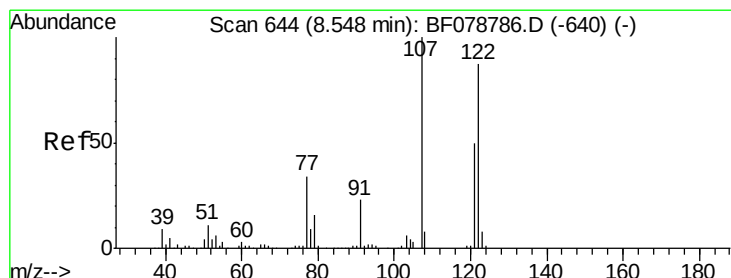
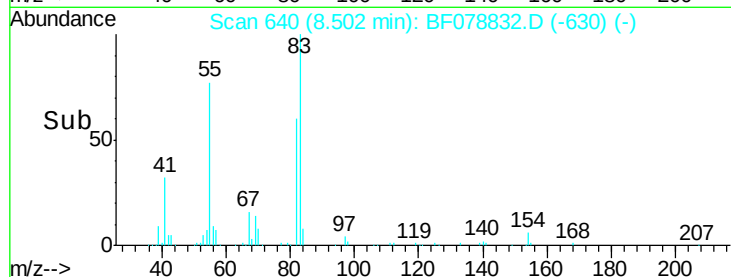
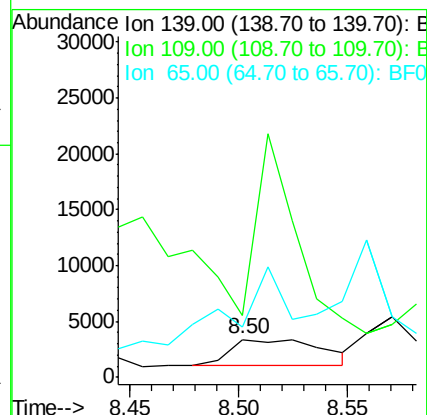
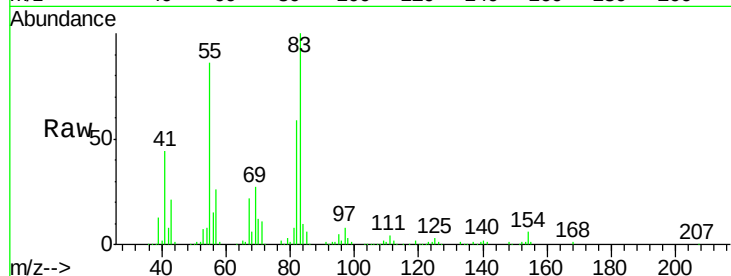
Tgt Ion:139 Resp: 6848

Ion Ratio Lower Upper

139 100

109 163.5 21.0 31.4#

65 132.0 30.5 45.7#



#27

2,4-Dimethylphenol

Concen: 2.25 ng

RT: 8.54 min Scan# 643

Delta R.T. -0.01 min

Lab File: BF078832.D

Acq: 30 Apr 2015 2:18

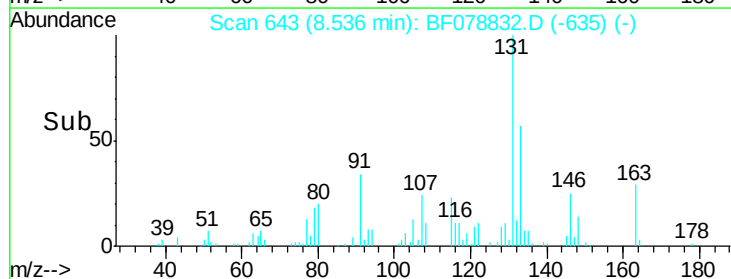
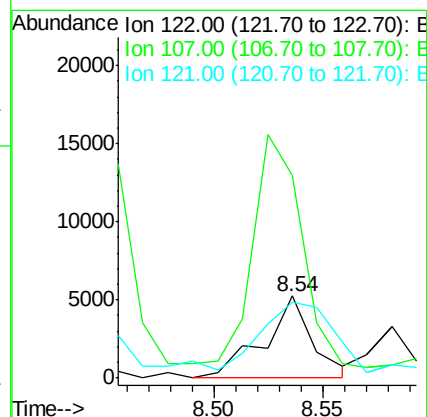
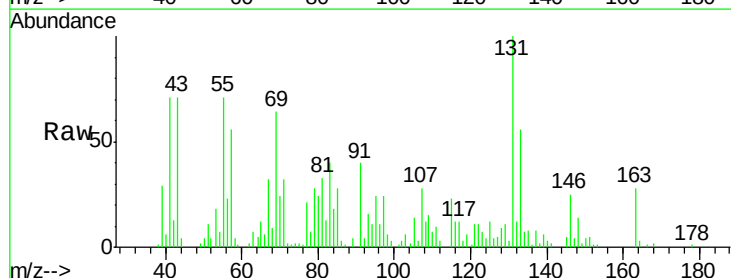
Tgt Ion:122 Resp: 8257

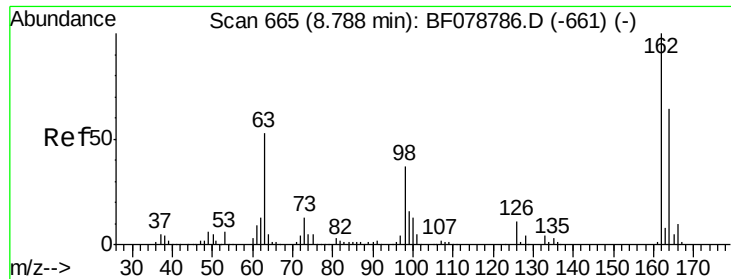
Ion Ratio Lower Upper

122 100

107 248.2 90.6 135.8#

121 93.5 45.4 68.2#

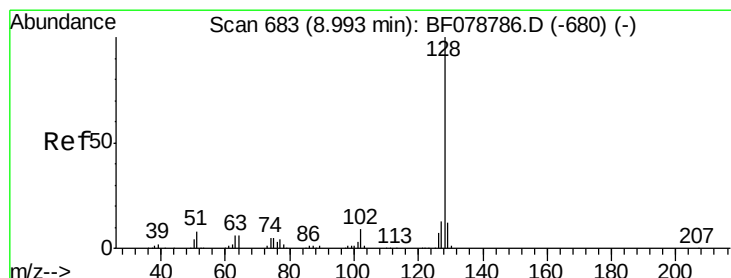
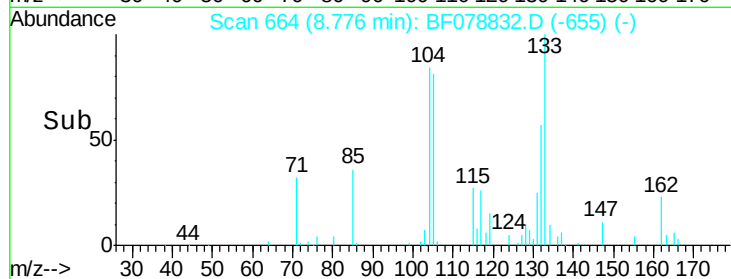
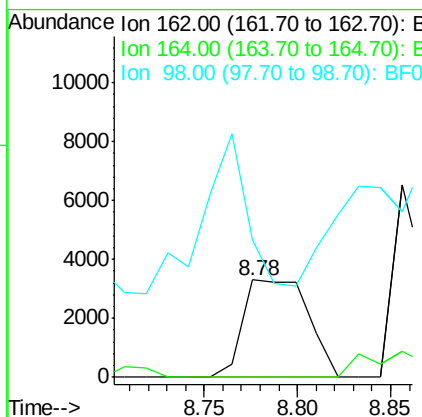
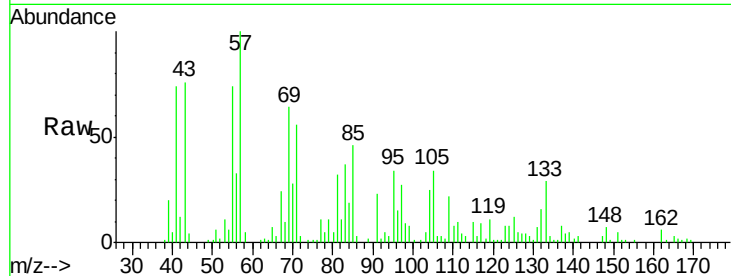




#29
2,4-Dichlorophenol
Concen: 2.56 ng
RT: 8.78 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF078832.D
Acq: 30 Apr 2015 2:18

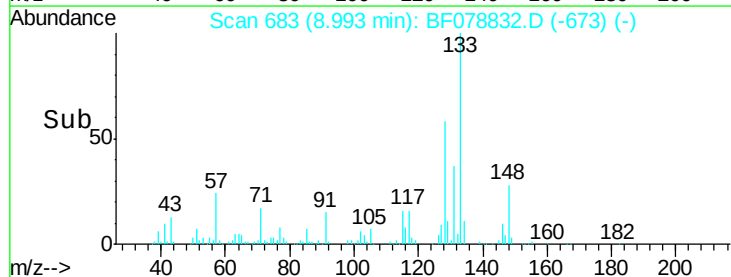
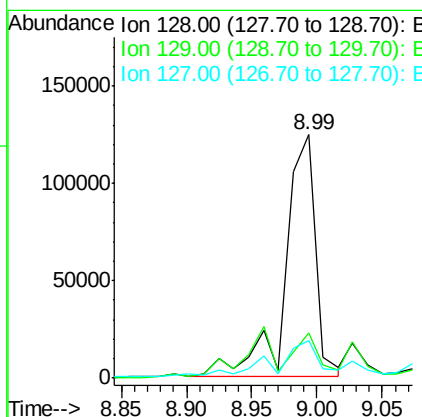
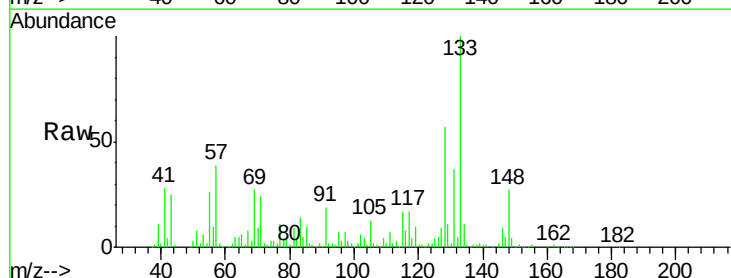
Instrument :
BNA_F
ClientSampleId :
SB-19(40-45)

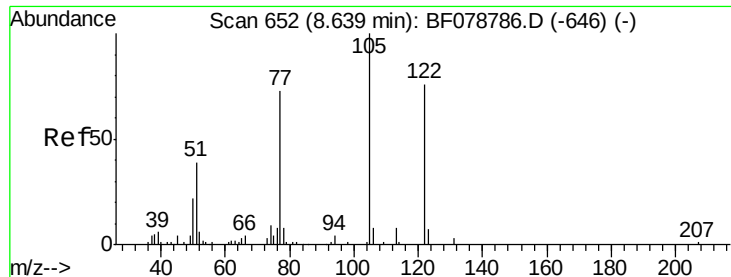
Tgt Ion	Ratio	Lower	Upper
162	100		
164	0.0	43.6	83.6#
98	141.0	16.5	56.5#



#31
Naphthalene
Concen: 16.06 ng
RT: 8.99 min Scan# 683
Delta R.T. 0.01 min
Lab File: BF078832.D
Acq: 30 Apr 2015 2:18

Tgt Ion	Ratio	Lower	Upper
128	100		
129	18.7	9.3	13.9#
127	15.6	10.7	16.1

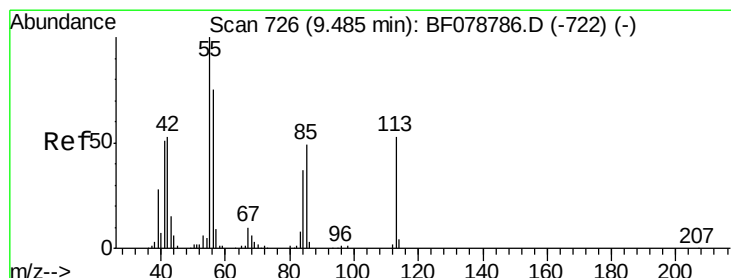
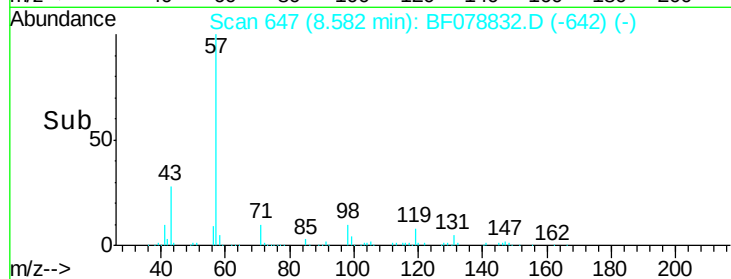
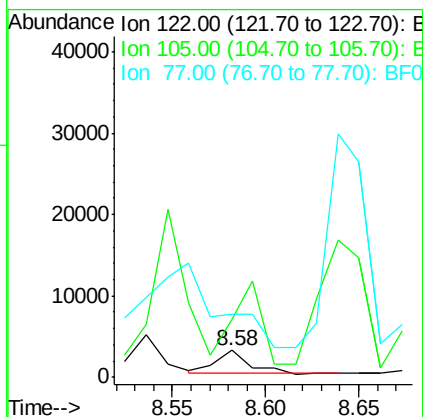
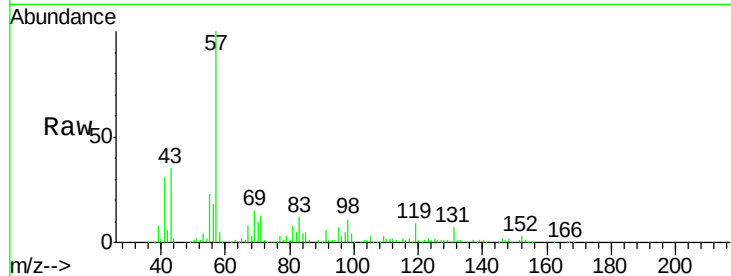




#32
Benzoic acid
Concen: 2.87 ng
RT: 8.58 min Scan# 647
Delta R.T. -0.05 min
Lab File: BF078832.D
Acq: 30 Apr 2015 2:18

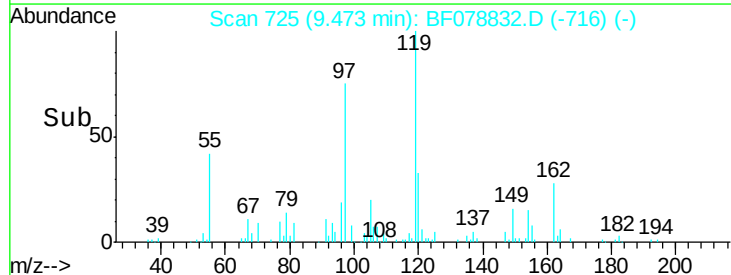
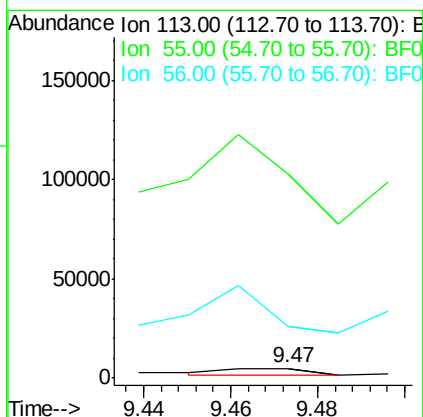
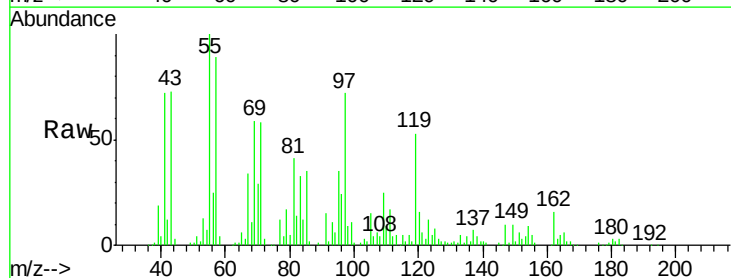
Instrument :
BNA_F
ClientSampleId :
SB-19(40-45)

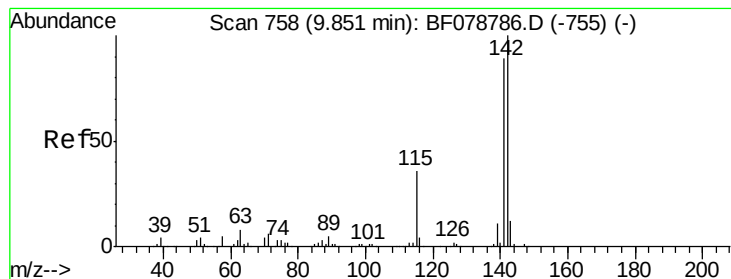
Tgt Ion:122 Resp: 3190
Ion Ratio Lower Upper
122 100
105 217.1 107.1 147.1#
77 233.8 73.9 113.9#



#35
Caprolactam
Concen: 4.09 ng
RT: 9.47 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF078832.D
Acq: 30 Apr 2015 2:18

Tgt Ion:113 Resp: 4085
Ion Ratio Lower Upper
113 100
55 2168.1 169.7 209.7#
56 541.0 122.5 162.5#





#37

2-Methylnaphthalene

Concen: 49.15 ng

RT: 9.85 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF078832.D

Acq: 30 Apr 2015 2:18

Instrument :

BNA_F

ClientSampleId :

SB-19(40-45)

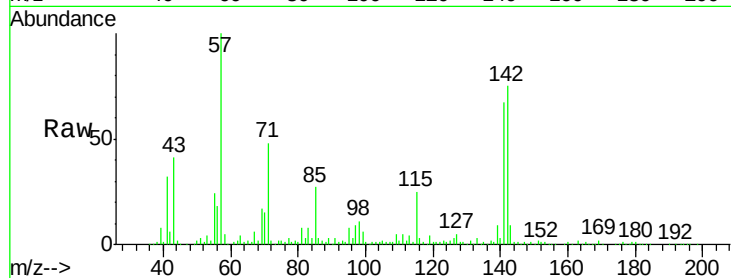
Tgt Ion:142 Resp: 413039

Ion Ratio Lower Upper

142 100

141 89.1 70.9 106.3

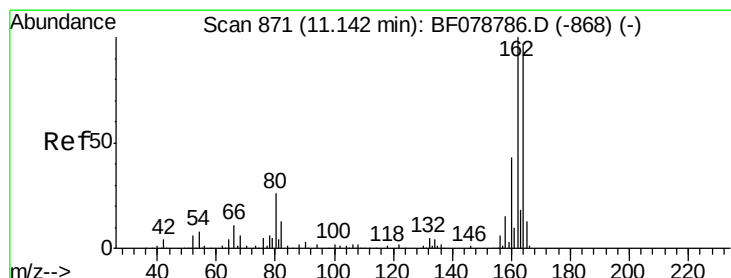
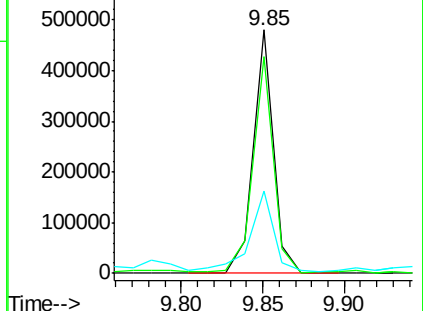
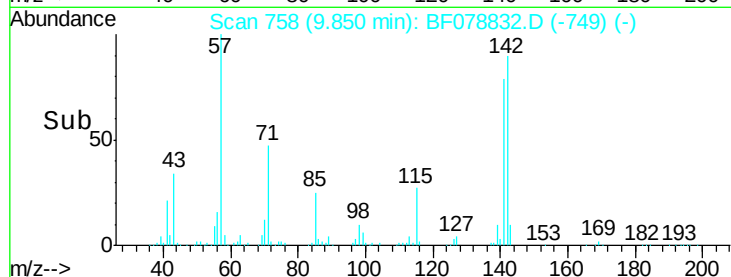
115 34.0 28.5 42.7



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: 20.00 ng

RT: 11.14 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF078832.D

Acq: 30 Apr 2015 2:18

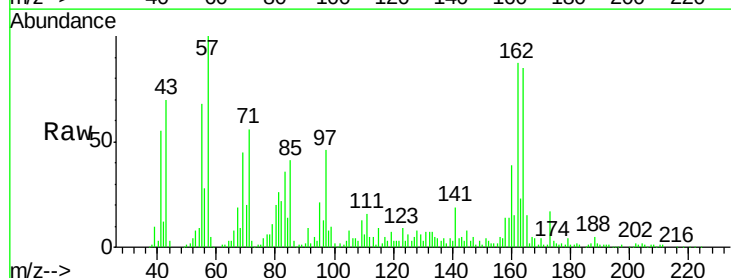
Tgt Ion:164 Resp: 135387

Ion Ratio Lower Upper

164 100

162 102.4 82.7 124.1

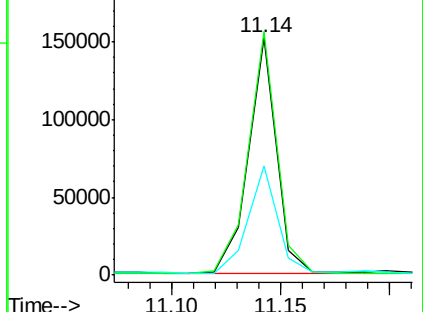
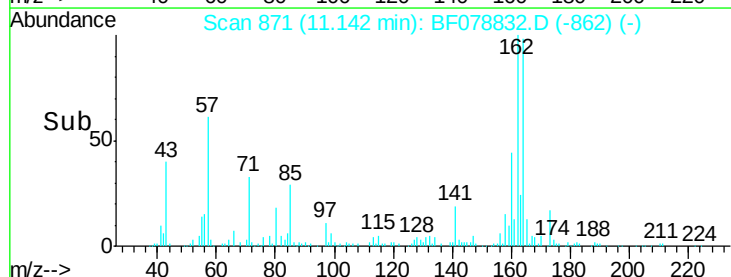
160 45.7 35.8 53.8

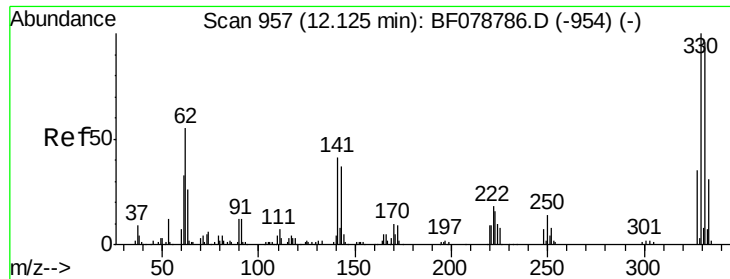


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

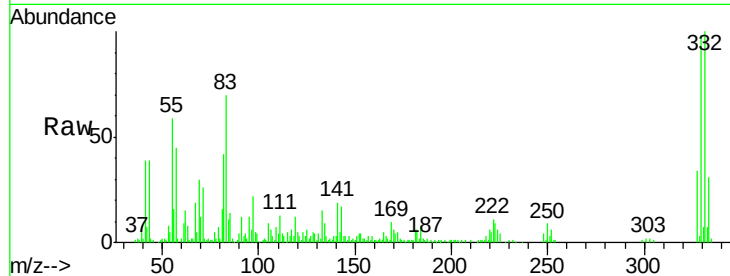




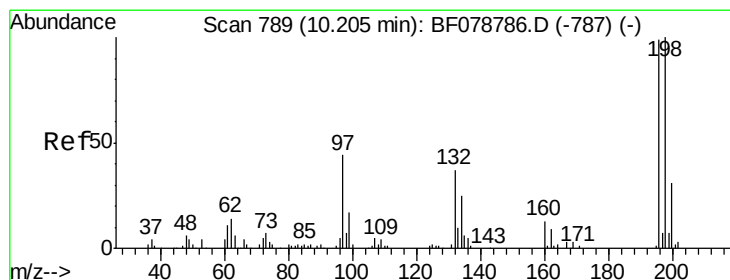
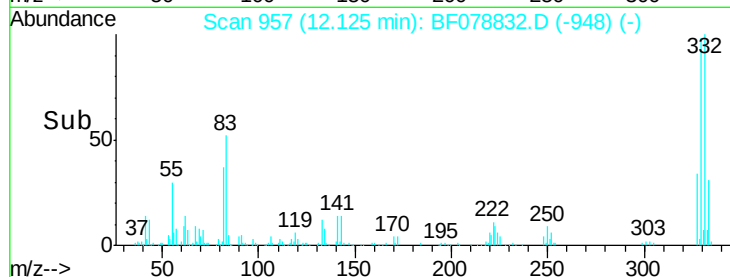
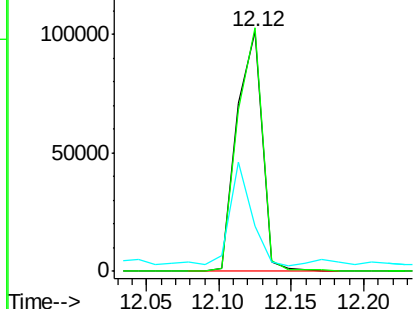
#41
 2,4,6-Tribromophenol
 Concen: 93.10 ng
 RT: 12.12 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: BF078832.D
 Acq: 30 Apr 2015 2:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-19(40-45)

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	123214		
332	99.3	0.0	0.0	0.0#
141	38.3	0.0	0.0	0.0#

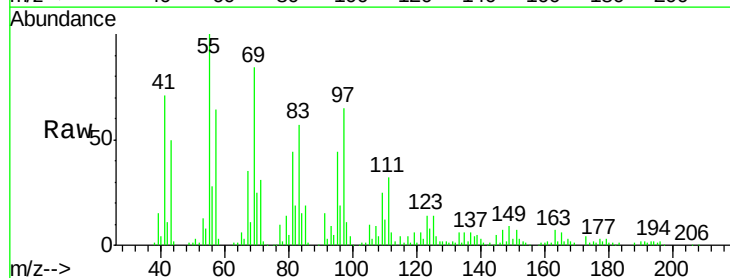


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

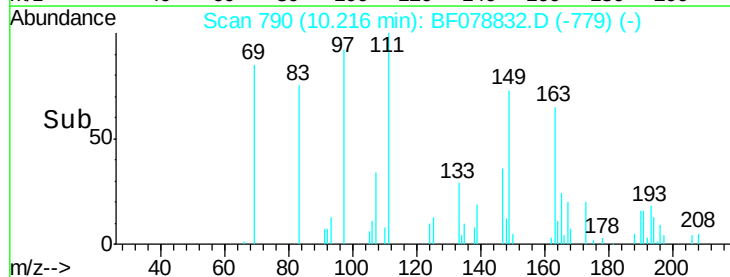
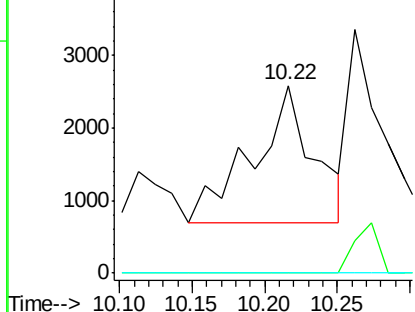


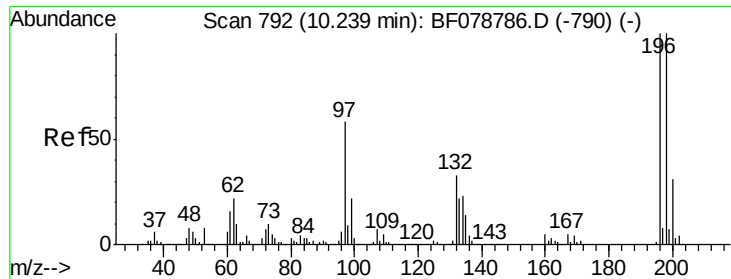
#42
 2,4,6-Trichlorophenol
 Concen: 2.36 ng
 RT: 10.22 min Scan# 790
 Delta R.T. 0.02 min
 Lab File: BF078832.D
 Acq: 30 Apr 2015 2:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	5507		
198	0.0	80.5	120.7#	
200	0.0	24.9	37.3#	



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

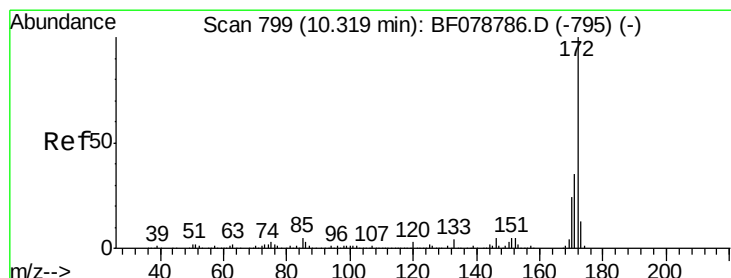
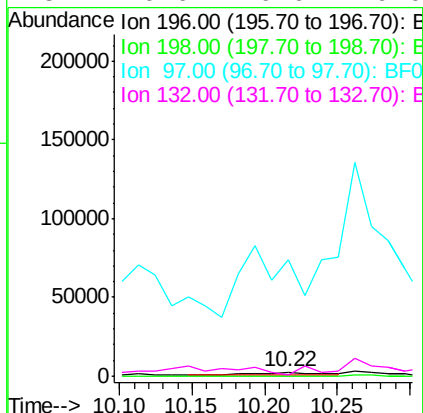
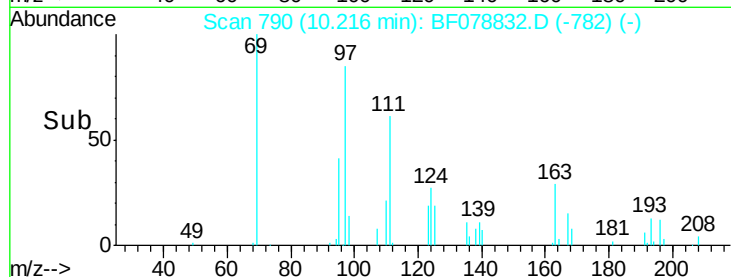
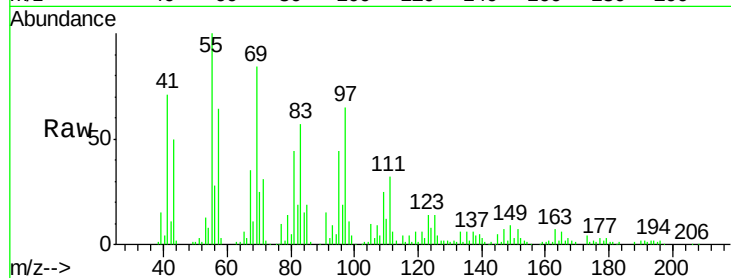




#43
 2,4,5-Trichlorophenol
 Concen: 2.21 ng
 RT: 10.22 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF078832.D
 Acq: 30 Apr 2015 2:18

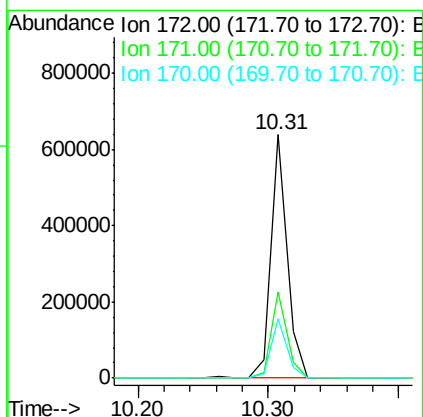
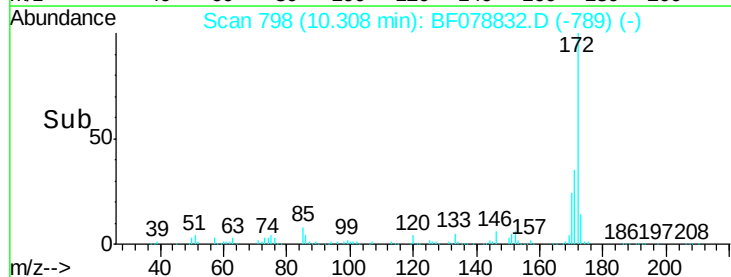
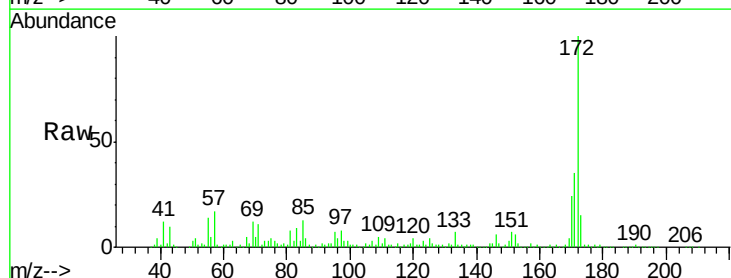
Instrument :
 BNA_F
 ClientSampleId :
 SB-19(40-45)

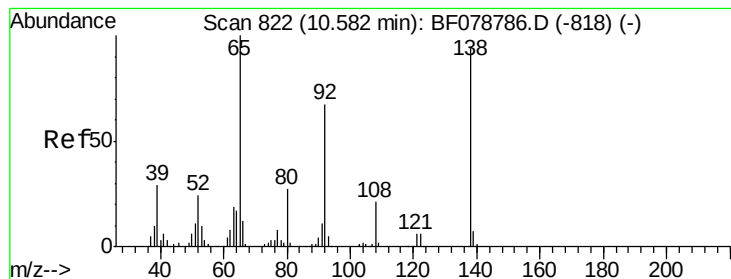
Tgt Ion:196 Resp: 5507
 Ion Ratio Lower Upper
 196 100
 198 0.0 79.8 119.6#
 97 2862.1 46.0 69.0#
 132 46.6 26.6 40.0#



#44
 2-Fluorobiphenyl
 Concen: 56.74 ng
 RT: 10.31 min Scan# 798
 Delta R.T. -0.00 min
 Lab File: BF078832.D
 Acq: 30 Apr 2015 2:18

Tgt Ion:172 Resp: 560930
 Ion Ratio Lower Upper
 172 100
 171 35.4 27.9 41.9
 170 24.4 19.4 29.0





#47

2-Nitroaniline

Concen: 2.45 ng

RT: 10.59 min Scan# 823

Delta R.T. 0.02 min

Lab File: BF078832.D

Acq: 30 Apr 2015 2:18

Instrument :

BNA_F

ClientSampleId :

SB-19(40-45)

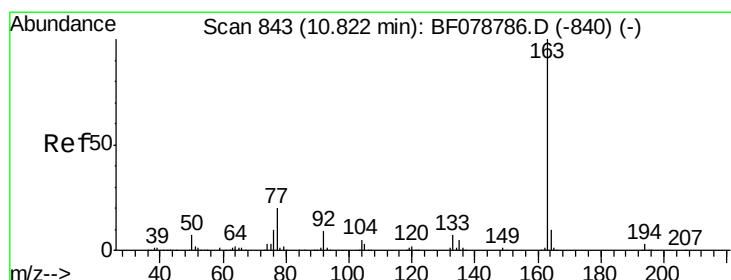
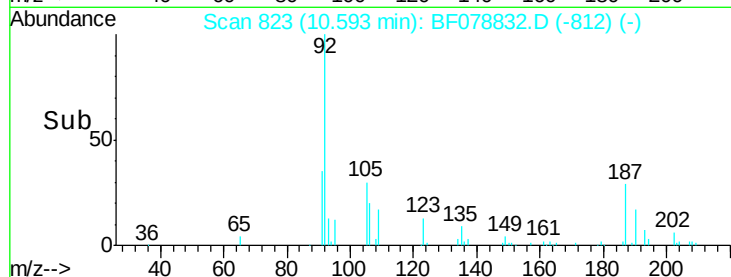
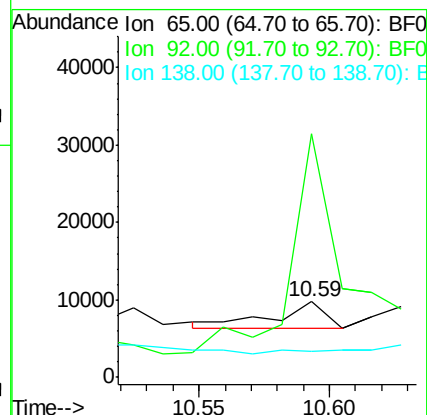
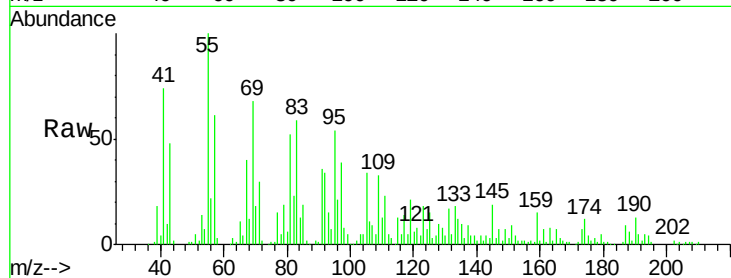
Tgt Ion: 65 Resp: 4540

Ion Ratio Lower Upper

65 100

92 321.3 54.0 81.0#

138 34.8 75.0 112.6#



#49

Dimethylphthalate

Concen: 3.36 ng

RT: 10.81 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF078832.D

Acq: 30 Apr 2015 2:18

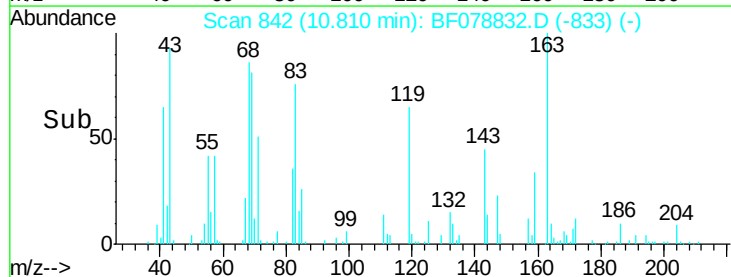
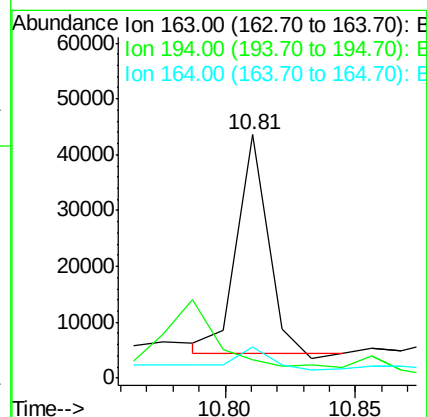
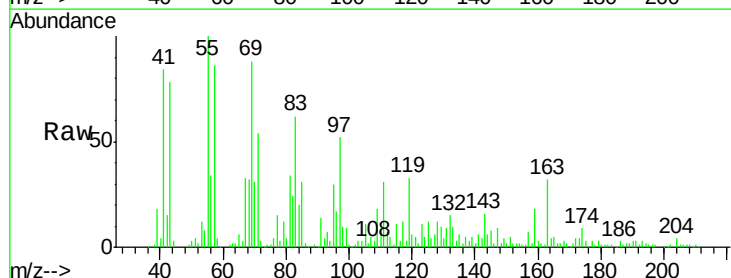
Tgt Ion: 163 Resp: 32382

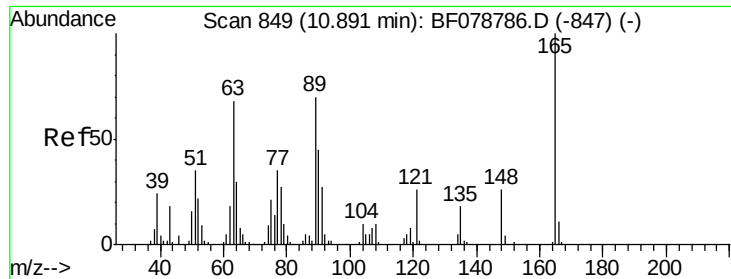
Ion Ratio Lower Upper

163 100

194 7.5 2.6 4.0#

164 13.0 8.1 12.1#

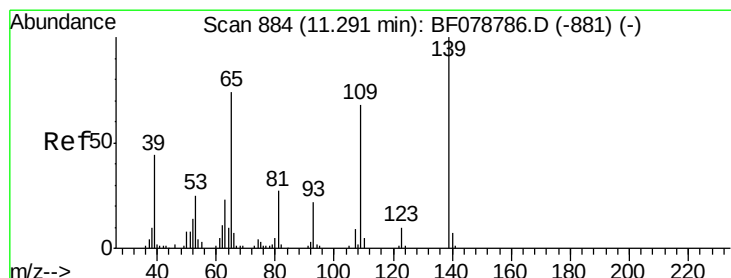
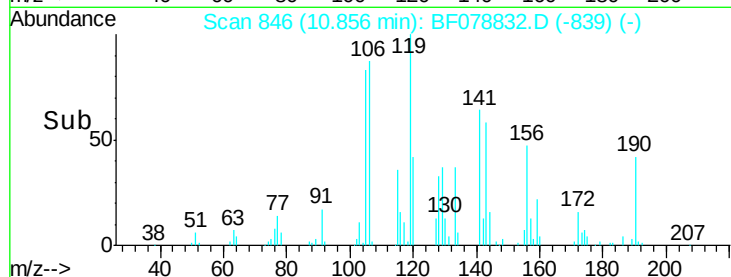
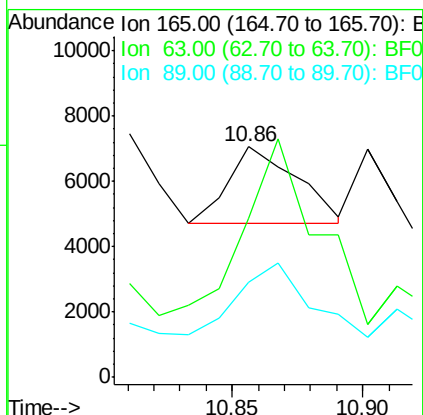
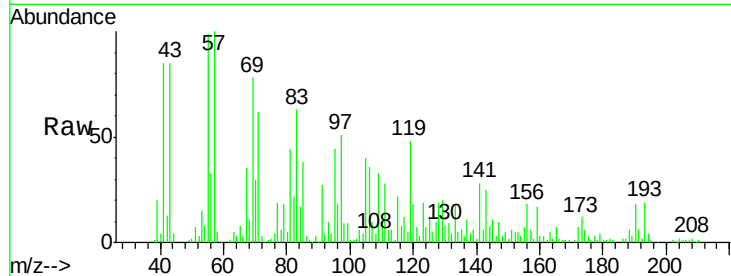




#50
 2,6-Dinitrotoluene
 Concen: 2.75 ng
 RT: 10.86 min Scan# 846
 Delta R.T. -0.02 min
 Lab File: BF078832.D
 Acq: 30 Apr 2015 2:18

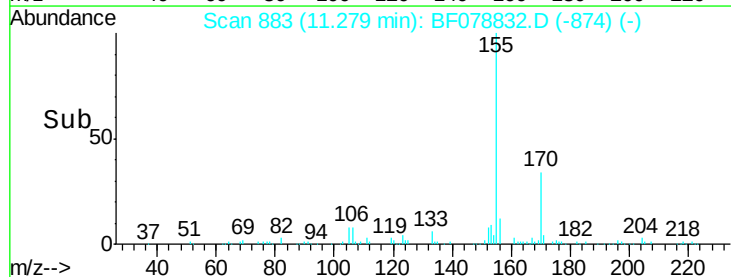
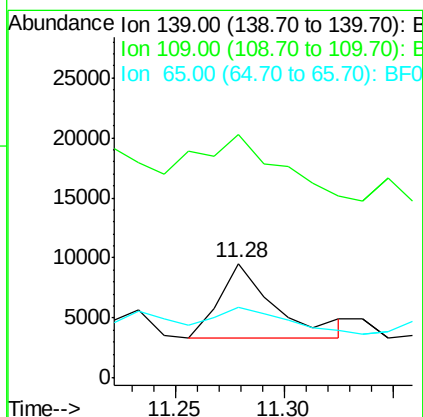
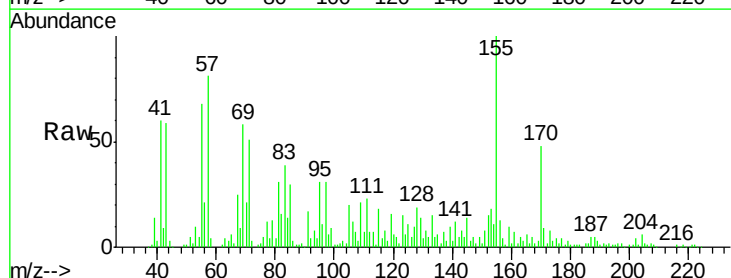
Instrument :
 BNA_F
 ClientSampleId :
 SB-19(40-45)

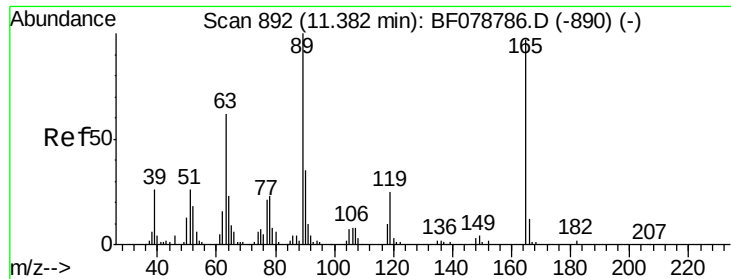
Tgt Ion:165 Resp: 4308
 Ion Ratio Lower Upper
 165 100
 63 68.8 54.4 81.6
 89 41.5 55.7 83.5#



#55
 4-Nitrophenol
 Concen: 12.74 ng
 RT: 11.28 min Scan# 883
 Delta R.T. -0.00 min
 Lab File: BF078832.D
 Acq: 30 Apr 2015 2:18

Tgt Ion:139 Resp: 11014
 Ion Ratio Lower Upper
 139 100
 109 213.0 47.6 87.6#
 65 61.8 54.3 94.3

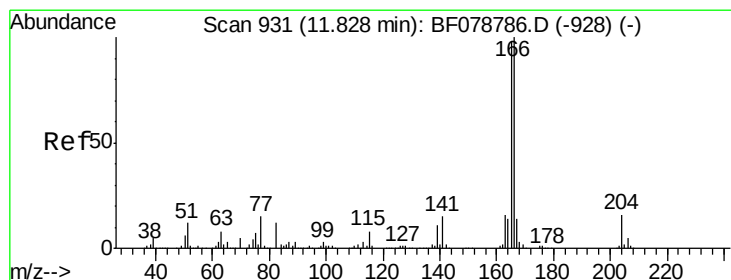
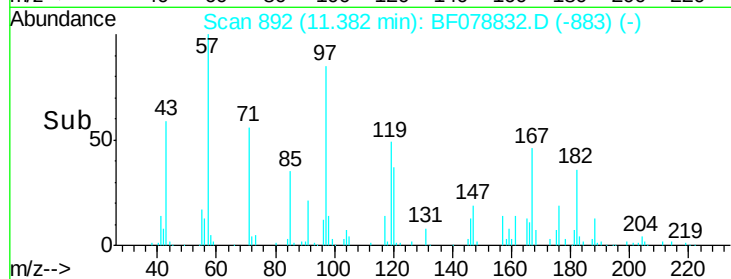
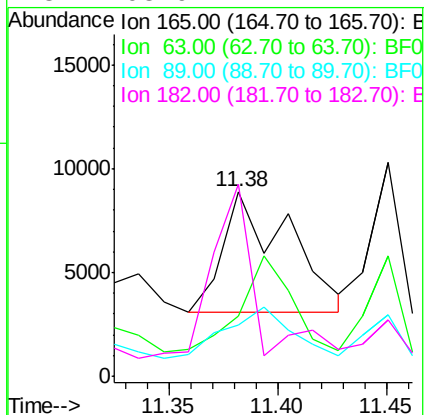
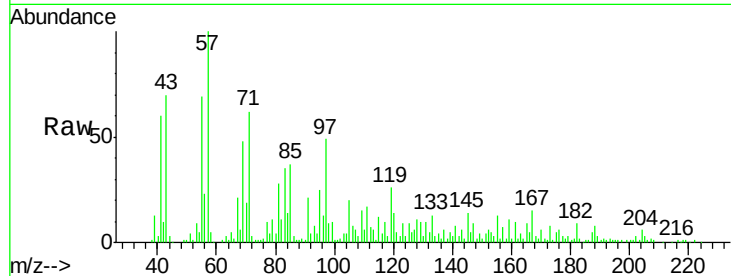




#56
2,4-Dinitrotoluene
Concen: 9.20 ng
RT: 11.38 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF078832.D
Acq: 30 Apr 2015 2:18

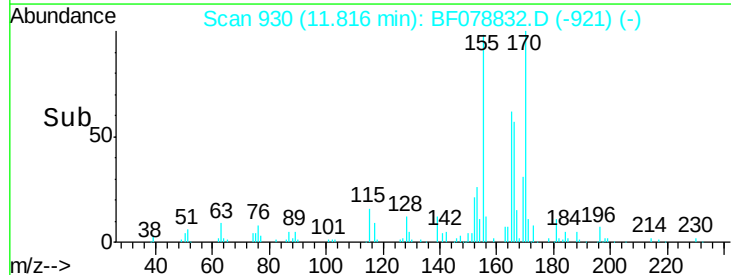
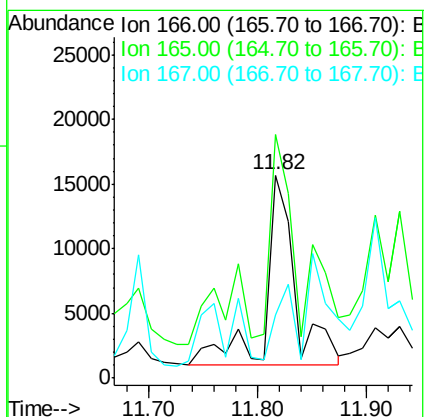
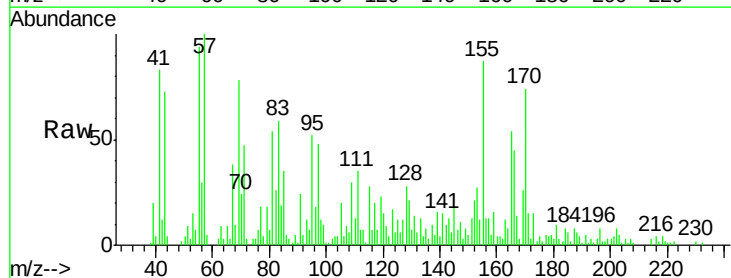
Instrument :
BNA_F
ClientSampleId :
SB-19(40-45)

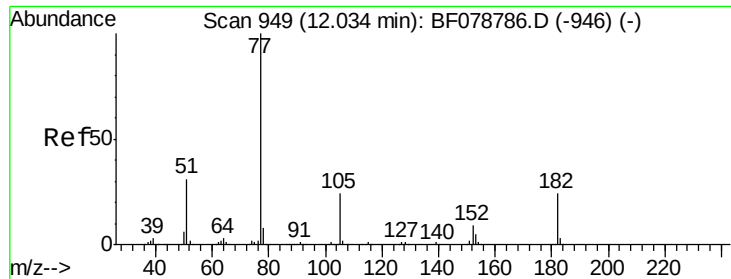
Tgt Ion:165 Resp: 12133
Ion Ratio Lower Upper
165 100
63 32.7 51.2 76.8#
89 27.4 82.7 124.1#
182 103.9 1.4 2.2#



#57
Fluorene
Concen: 2.86 ng
RT: 11.82 min Scan# 930
Delta R.T. -0.00 min
Lab File: BF078832.D
Acq: 30 Apr 2015 2:18

Tgt Ion:166 Resp: 27326
Ion Ratio Lower Upper
166 100
165 119.8 78.5 117.7#
167 31.3 11.0 16.6#





#62

Azobenzene

Concen: 3.63 ng

RT: 12.03 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF078832.D

Acq: 30 Apr 2015 2:18

Instrument :

BNA_F

ClientSampleId :

SB-19(40-45)

Tgt Ion: 77 Resp: 35401

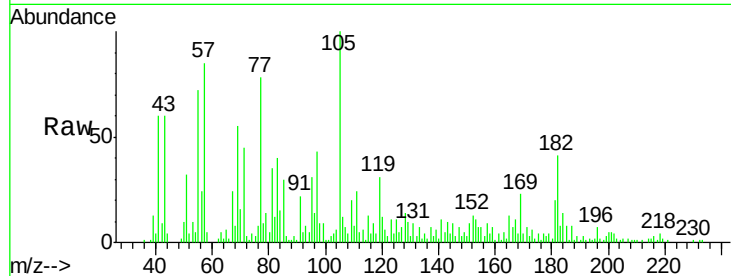
Ion Ratio Lower Upper

77 100

182 53.2 3.8 43.8#

105 128.8 3.9 43.9#

51 40.9 10.8 50.8

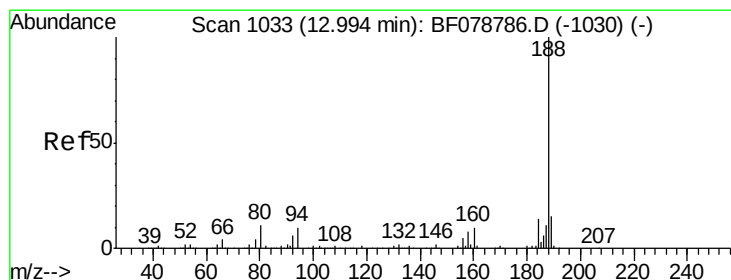
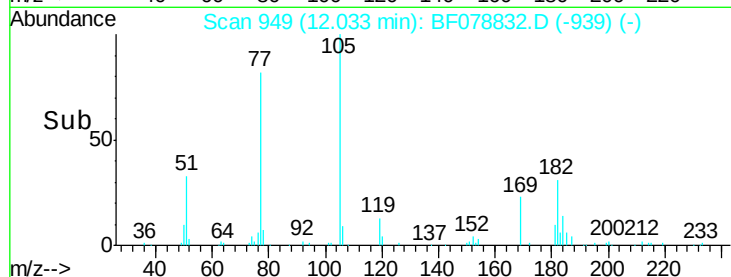
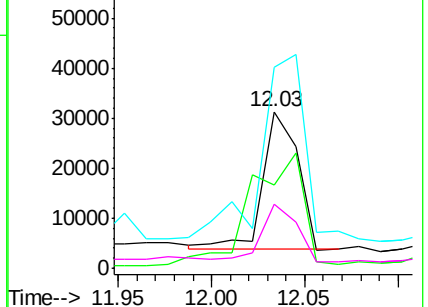


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.98 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF078832.D

Acq: 30 Apr 2015 2:18

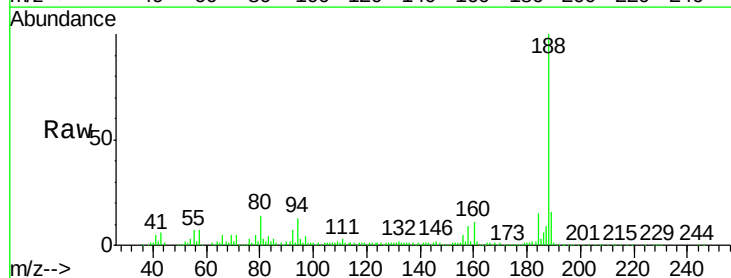
Tgt Ion: 188 Resp: 265783

Ion Ratio Lower Upper

188 100

94 12.9 8.2 12.2#

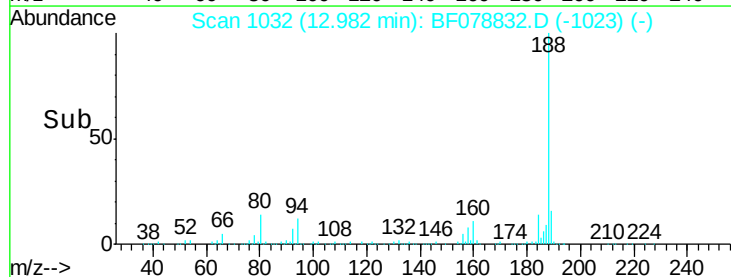
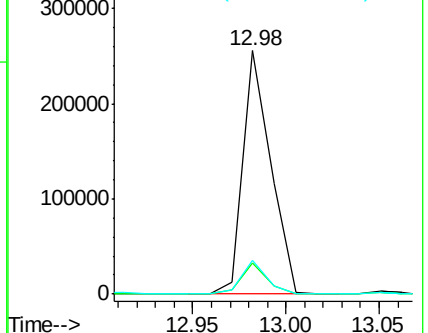
80 14.0 8.9 13.3#

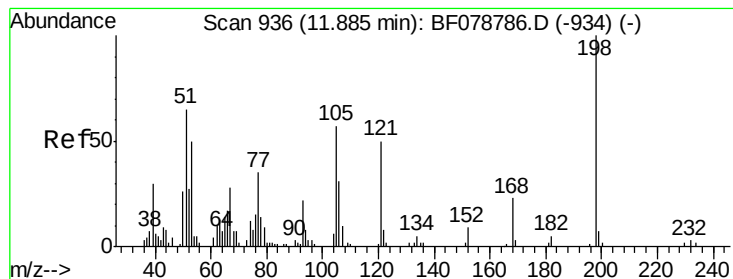


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 2.85 ng

RT: 11.85 min Scan# 933

Delta R.T. -0.02 min

Lab File: BF078832.D

Acq: 30 Apr 2015 2:18

Instrument :

BNA_F

ClientSampleId :

SB-19(40-45)

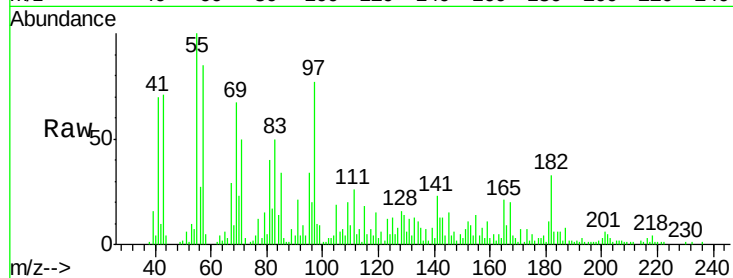
Tgt Ion:198 Resp: 727

Ion Ratio Lower Upper

198 100

51 411.7 47.3 87.3#

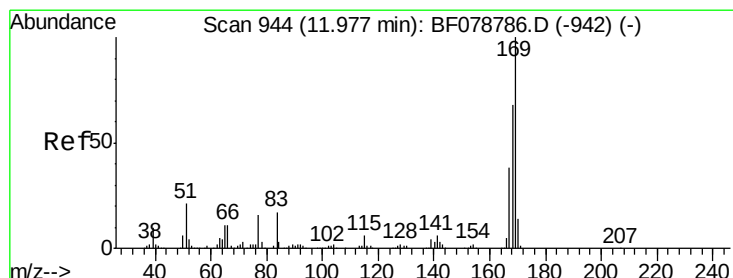
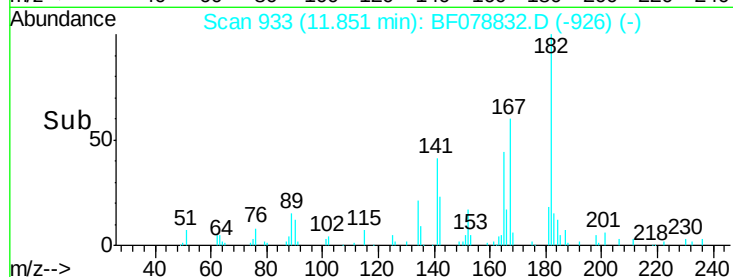
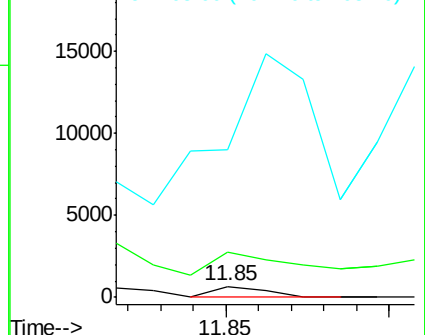
105 1329.9 38.8 78.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 5.36 ng

RT: 11.98 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF078832.D

Acq: 30 Apr 2015 2:18

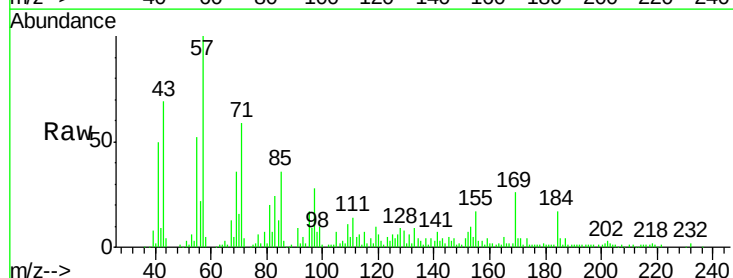
Tgt Ion:169 Resp: 46035

Ion Ratio Lower Upper

169 100

168 9.7 54.6 82.0#

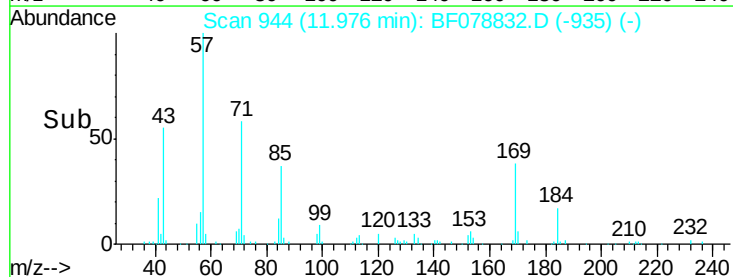
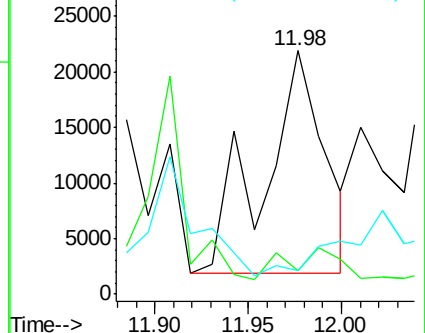
167 9.6 30.6 45.8#

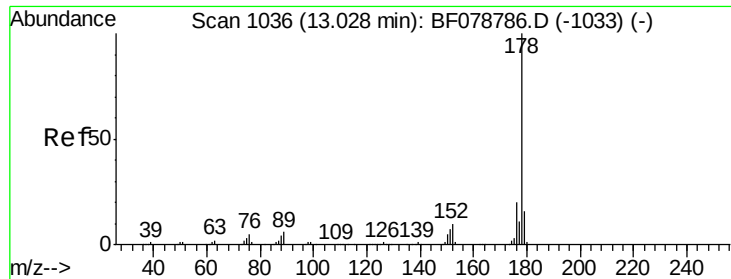


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

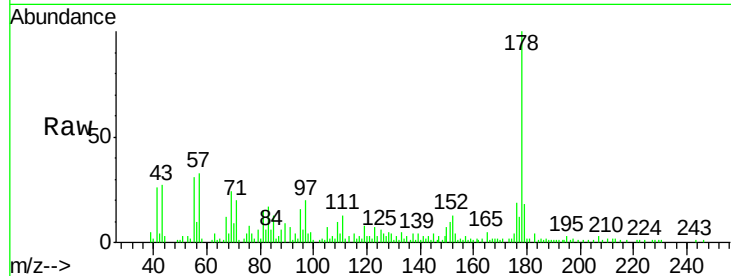




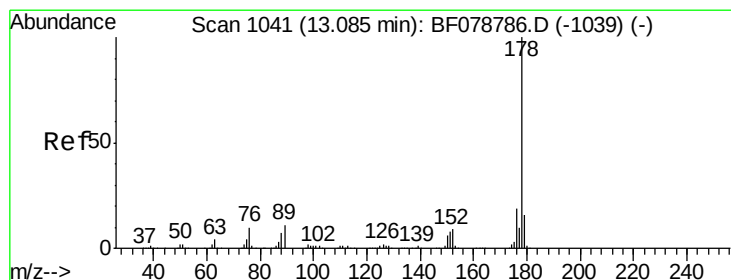
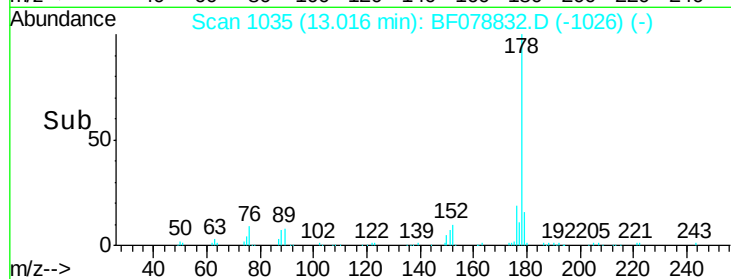
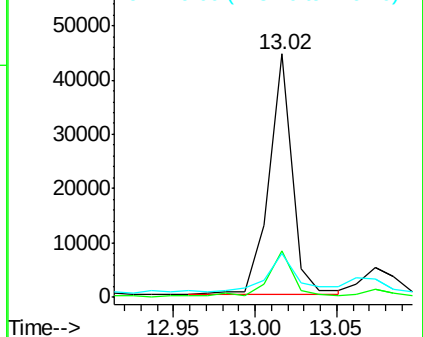
#70
Phenanthrene
Concen: 3.10 ng
RT: 13.02 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF078832.D
Acq: 30 Apr 2015 2:18

Instrument :
BNA_F
ClientSampleId :
SB-19(40-45)

Tgt Ion:178 Resp: 44643
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.8
179 17.8 12.5 18.7

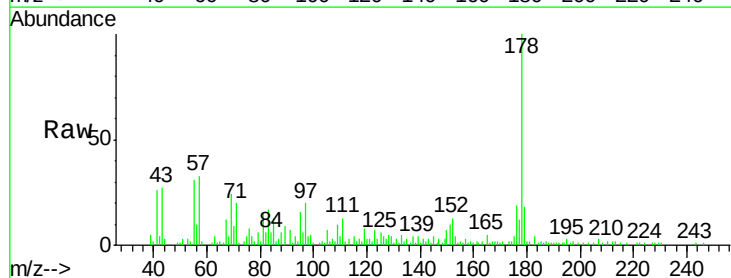


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

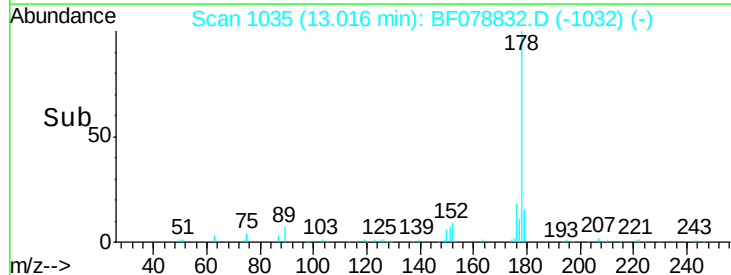
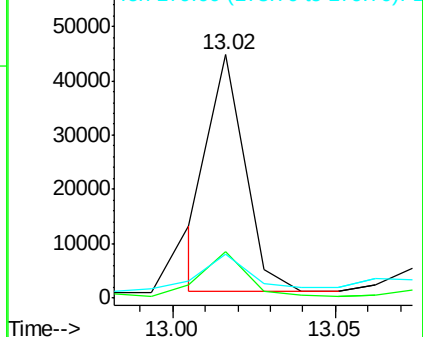


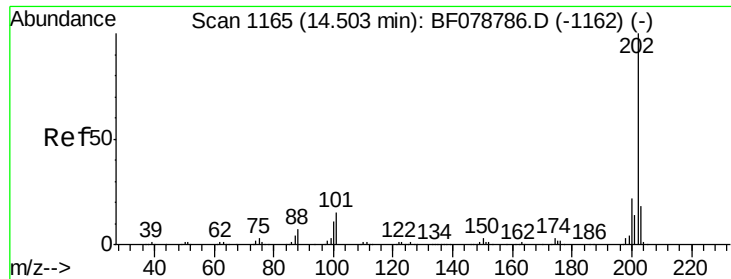
#71
Anthracene
Concen: 2.31 ng
RT: 13.02 min Scan# 1035
Delta R.T. -0.07 min
Lab File: BF078832.D
Acq: 30 Apr 2015 2:18

Tgt Ion:178 Resp: 32561
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 17.8 12.7 19.1



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





#74

Fluoranthene

Concen: 2.47 ng

RT: 14.49 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BF078832.D

Acq: 30 Apr 2015 2:18

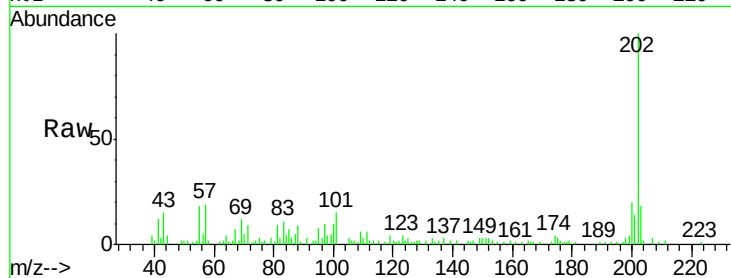
Instrument :

BNA_F

ClientSampleId :

SB-19(40-45)

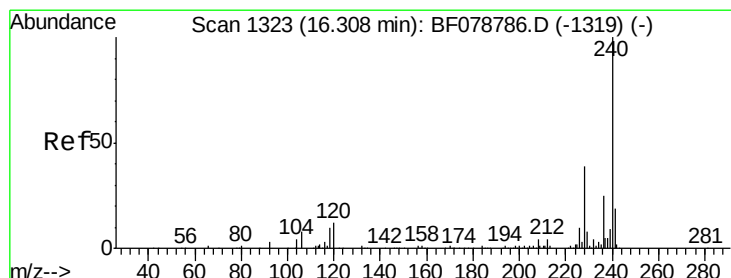
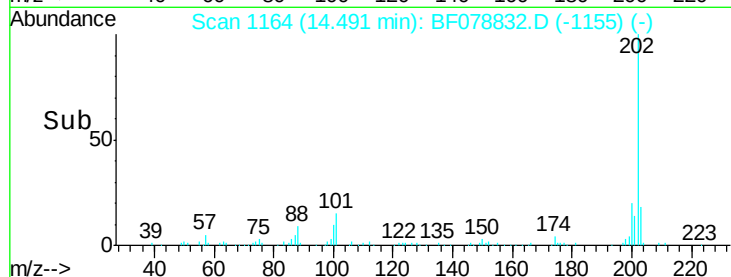
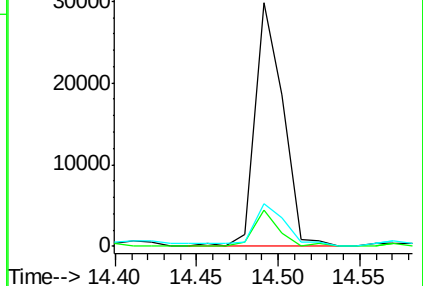
Tgt Ion:	202	Resp:	35485
Ion Ratio	Lower	Upper	
202	100		
101	14.8	0.0	34.6
203	17.8	0.0	38.4



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

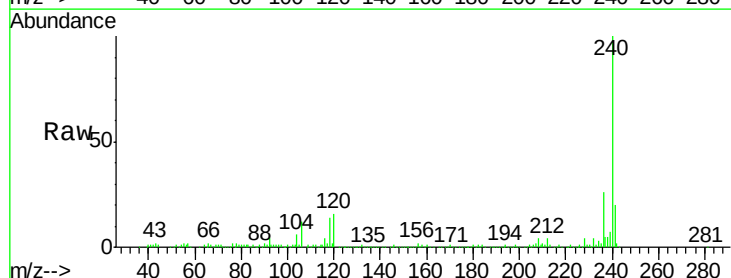
RT: 16.27 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF078832.D

Acq: 30 Apr 2015 2:18

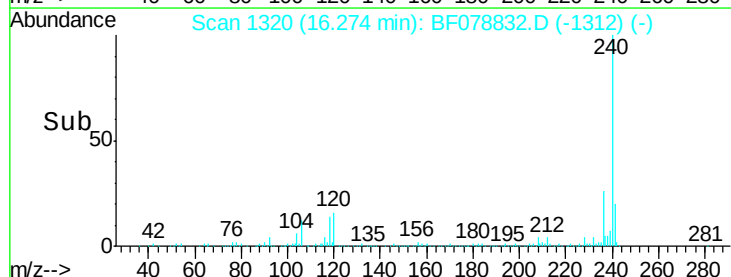
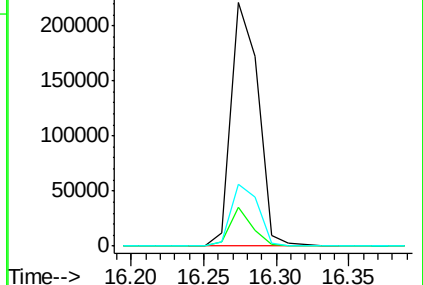
Tgt Ion:	240	Resp:	288471
Ion Ratio	Lower	Upper	
240	100		
120	16.1	9.7	14.5#
236	25.6	20.2	30.4

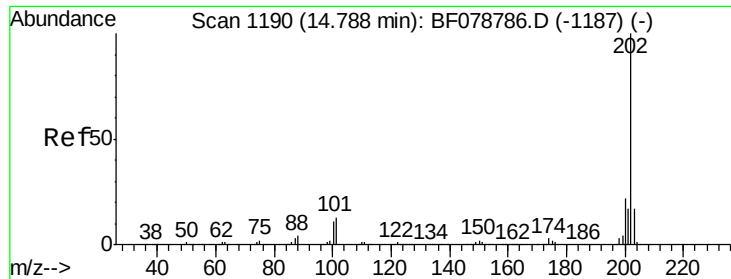


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

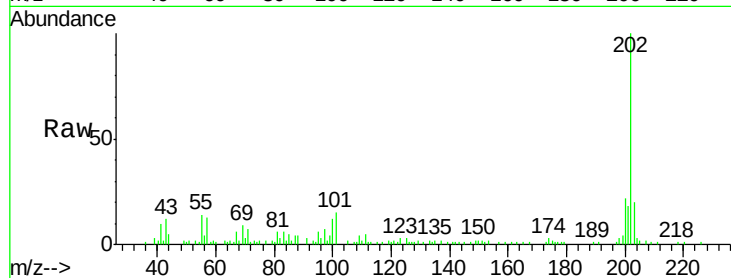




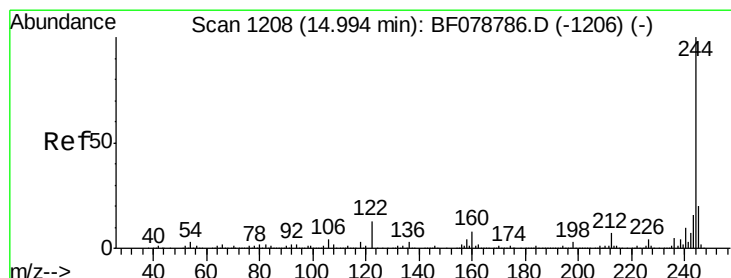
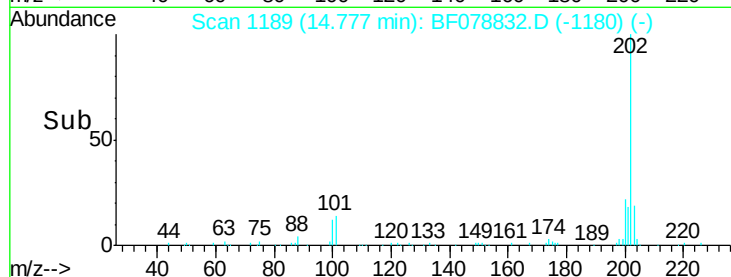
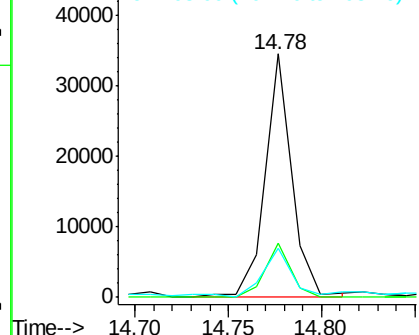
#77
 Pyrene
 Concen: 2.02 ng
 RT: 14.78 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF078832.D
 Acq: 30 Apr 2015 2:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-19(40-45)

Tgt Ion: 202 Resp: 34049
 Ion Ratio Lower Upper
 202 100
 200 22.2 17.5 26.3
 203 20.1 13.9 20.9

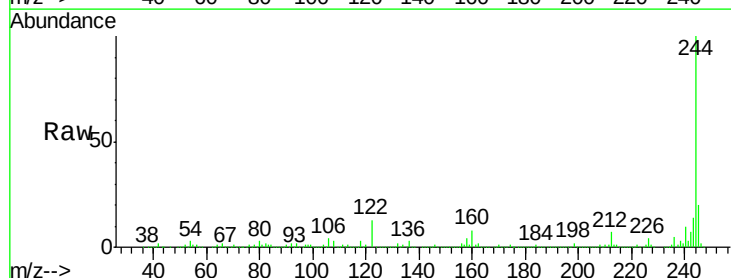


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

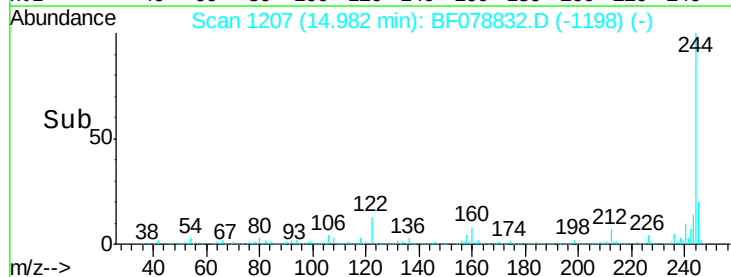
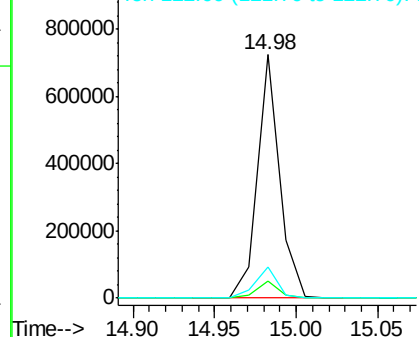


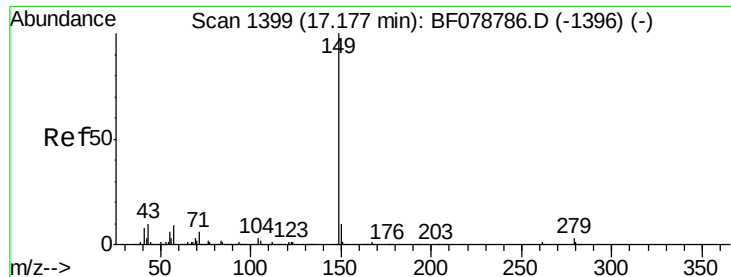
#78
 Terphenyl-d14
 Concen: 56.60 ng
 RT: 14.98 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF078832.D
 Acq: 30 Apr 2015 2:18

Tgt Ion: 244 Resp: 685614
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 13.0 10.3 15.5



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





#84

Di-n-octyl phthalate

Concen: 7.22 ng

RT: 17.07 min Scan# 1390

Delta R.T. -0.03 min

Lab File: BF078832.D

Acq: 30 Apr 2015 2:18

Instrument :

BNA_F

ClientSampleId :

SB-19(40-45)

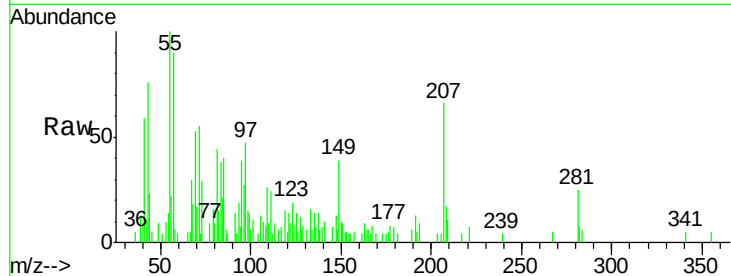
Tgt Ion:149 Resp: 5487

Ion Ratio Lower Upper

149 100

167 12.6 0.0 0.0#

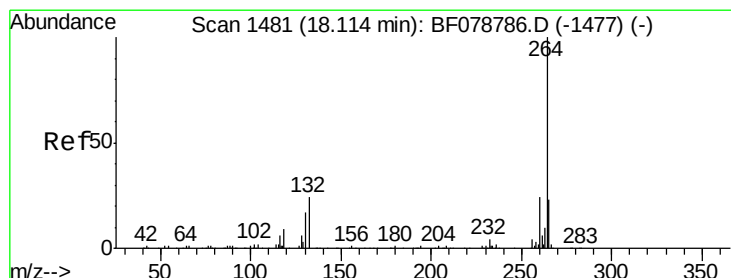
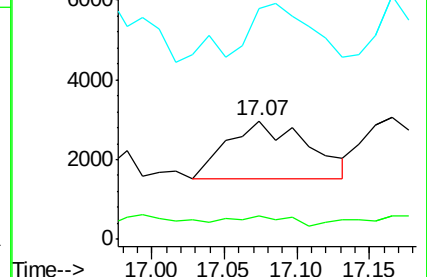
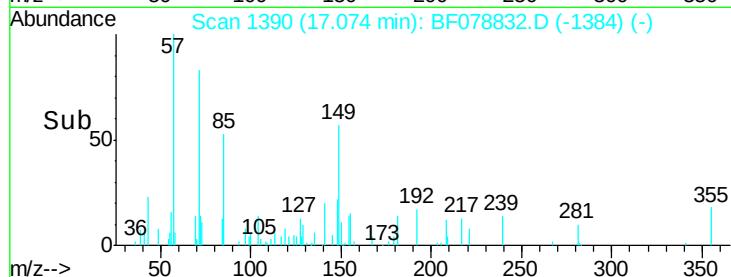
43 70.8 0.0 0.0#



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): BF0



#86

Perylene-d12

Concen: 20.00 ng

RT: 18.01 min Scan# 1472

Delta R.T. -0.00 min

Lab File: BF078832.D

Acq: 30 Apr 2015 2:18

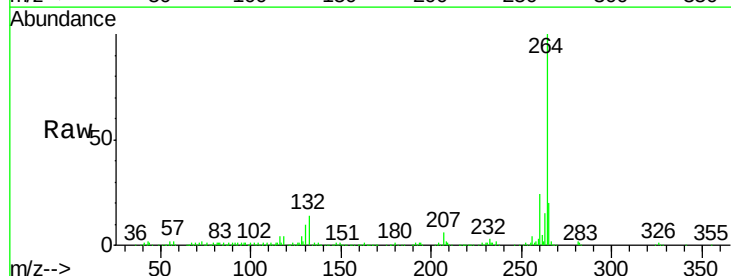
Tgt Ion:264 Resp: 315555

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

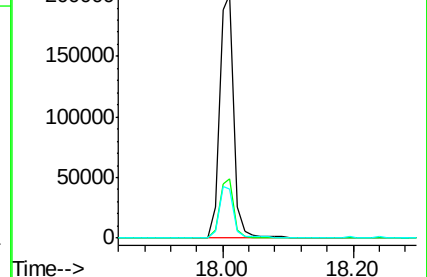
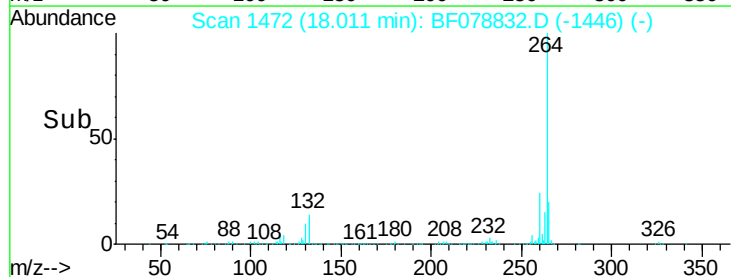
265 20.3 18.3 27.5

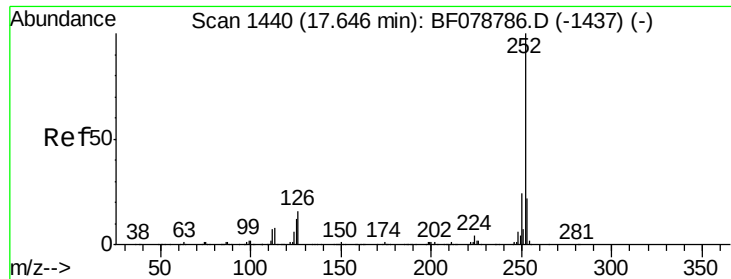


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

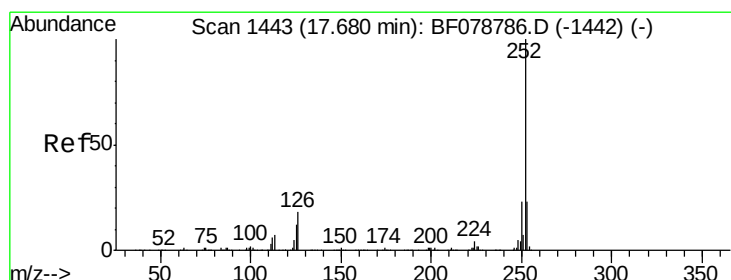
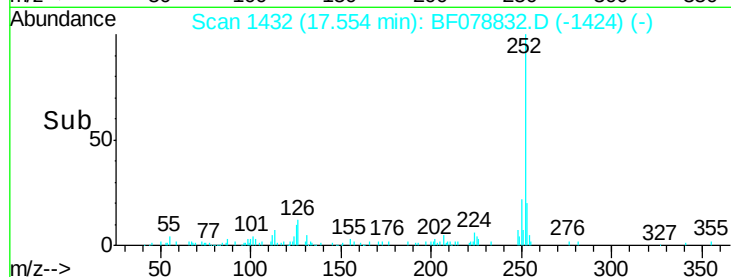
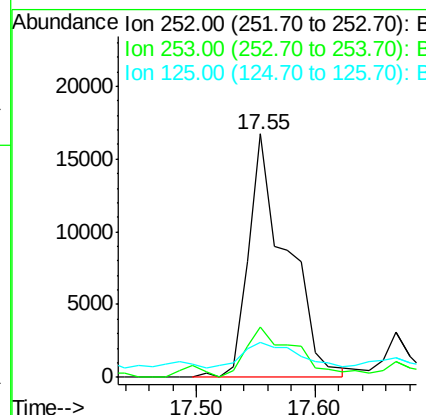
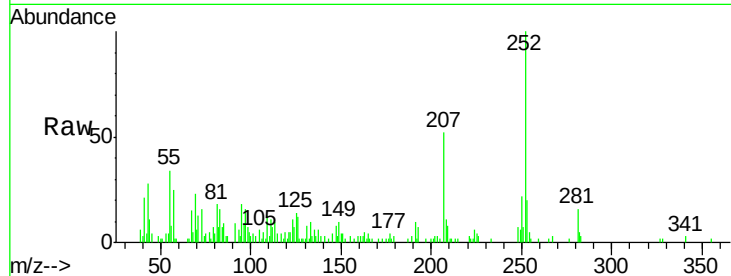




#87
Benzo(b)fluoranthene
Concen: 2.19 ng
RT: 17.55 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF078832.D
Acq: 30 Apr 2015 2:18

Instrument :
BNA_F
ClientSampleId :
SB-19(40-45)

Tgt Ion: 252 Resp: 37428
Ion Ratio Lower Upper
252 100
253 20.5 17.7 26.5
125 14.4 9.5 14.3#



#88
Benzo(k)fluoranthene
Concen: 2.29 ng
RT: 17.55 min Scan# 1432
Delta R.T. -0.03 min
Lab File: BF078832.D
Acq: 30 Apr 2015 2:18

Tgt Ion: 252 Resp: 37909
Ion Ratio Lower Upper
252 100
253 20.5 18.1 27.1
125 14.4 10.0 15.0

