

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120715\
 Data File : BF083574.D
 Acq On : 7 Dec 2015 23:57
 Operator : UM/IZ
 Sample : G4579-11 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SHED-NORTH-WALL

Quant Time: Dec 08 01:20:03 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.72	152	130406	20.00	ng	-0.05
21) Naphthalene-d8	7.62	136	473414	20.00	ng	-0.06
38) Acenaphthene-d10	10.42	164	198934	20.00	ng	-0.05
63) Phenanthrene-d10	12.84	188	221396	20.00	ng	-0.01
75) Chrysene-d12	17.11	240	276059	20.00	ng	0.06
86) Perylene-d12	18.69	264	234052	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	4.00	112	566799	65.94	ng	-0.03
7) Phenol-d6	5.29	99	768325	64.88	ng	-0.03
23) Nitrobenzene-d5	6.54	82	447011	44.14	ng	-0.06
41) 2,4,6-Tribromophenol	11.72	330	94961	51.75	ng	-0.03
44) 2-Fluorobiphenyl	9.37	172	684482	46.67	ng	-0.06
78) Terphenyl-d14	15.49	244	507936	40.94	ng	0.01

Target Compounds

						Qvalue
10) Phenol	5.31	94	48190	3.48	ng	89
17) 2-Methylphenol	6.18	107	31703	4.02	ng	# 86
20) 3+4-Methylphenols	6.42	107	102788	10.03	ng	93
27) 2,4-Dimethylphenol	7.20	122	75485	9.71	ng	95
31) Naphthalene	7.65	128	203124	8.06	ng	98
32) Benzoic acid	7.42	122	43010	12.27	ng	# 33
33) 4-Chloroaniline	7.65	127	26479	2.69	ng	# 29
37) 2-Methylnaphthalene	8.76	142	335650	21.54	ng	97
45) 1,1'-Biphenyl	9.52	154	366911	20.76	ng	99
48) Acenaphthylene	10.19	152	843631	38.68	ng	99
49) Dimethylphthalate	10.06	163	35497	2.27	ng	99
51) Acenaphthene	10.49	154	2477582	197.39	ng	98
53) 2,4-Dinitrophenol	10.70	184	207	7.69	ng	# 1
54) Dibenzofuran	10.77	168	3696955	212.59	ng	91
55) 4-Nitrophenol	10.77	139	1459439	728.98	ng	# 6
56) 2,4-Dinitrotoluene	10.76	165	12641	2.94	ng	# 1
57) Fluorene	11.33	166	3529656	233.30	ng	# 99
61) 4-Nitroaniline	11.45	138	8669	2.69	ng	# 33
62) Azobenzene	11.58	77	45873	2.85	ng	# 1
64) 4,6-Dinitro-2-methylphenol	11.62	198	209	3.61	ng	# 1
65) n-Nitrosodiphenylamine	11.58	169	33264	4.54	ng	# 54
69) Pentachlorophenol	12.68	266	248	4.65	ng	# 18
70) Phenanthrene	12.99	178	29389963	2280.63	ng	# 87
71) Anthracene	13.04	178	4595575	349.67	ng	92
72) Carbazole	13.30	167	6112834	541.64	ng	95
74) Fluoranthene	14.95	202	30781845	2410.11	ng	87
77) Pyrene	15.32	202	22149389	1072.56	ng	# 85
80) Benzo(a)anthracene	17.07	228	3924642	242.99	ng	94
81) 3,3'-Dichlorobenzidine	17.15	252	101278	19.60	ng	# 1
82) Chrysene	17.14	228	7691170	477.99	ng	95
83) Bis(2-ethylhexyl)phthalate	17.15	149	45705	4.29	ng	97
85) Indeno(1,2,3-cd)pyrene	19.93	276	919495	66.66	ng	# 100
87) Benzo(b)fluoranthene	18.43	252	373307	28.40	ng	93
88) Benzo(k)fluoranthene	18.34	252	6899559	512.40	ng	97

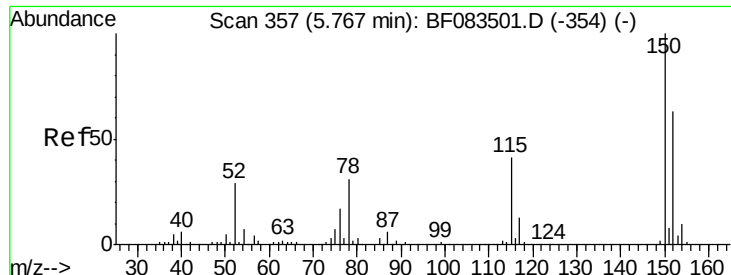
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120715\
Data File : BF083574.D
Acq On : 7 Dec 2015 23:57
Operator : UM/IZ
Sample : G4579-11 2X
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Quant Time: Dec 08 01:20:03 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 05 04:12:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Benzo(a)pyrene	18.72	252	359105	28.09	ng	97
90) Dibenzo(a,h)anthracene	20.11	278	174622	14.20	ng	94
91) Benzo(g,h,i)perylene	20.29	276	698066	56.31	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.72 min Scan# 353

Delta R.T. -0.05 min

Lab File: BF083574.D

Acq: 7 Dec 2015 23:57

Instrument :

BNA_F

ClientSampleId :

SHED-NORTH-WALL

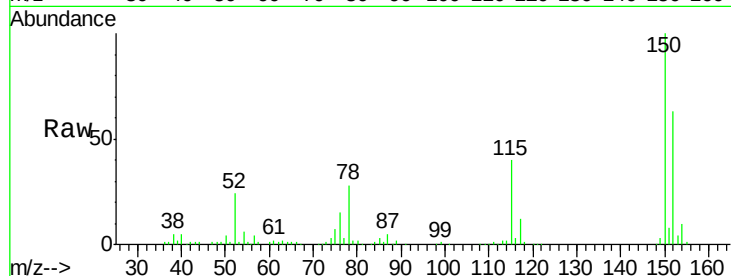
Tgt Ion:152 Resp: 130406

Ion Ratio Lower Upper

152 100

150 158.8 126.5 189.7

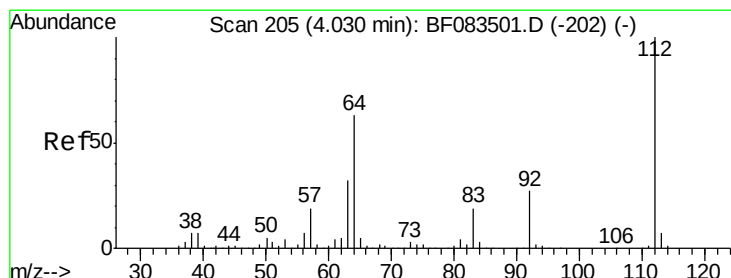
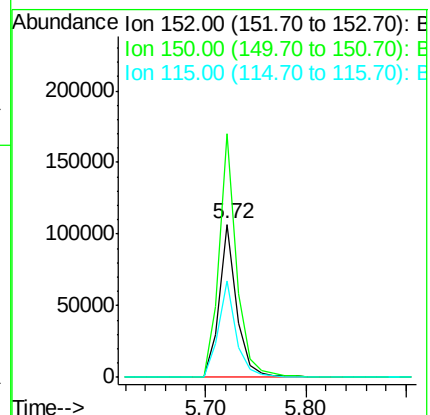
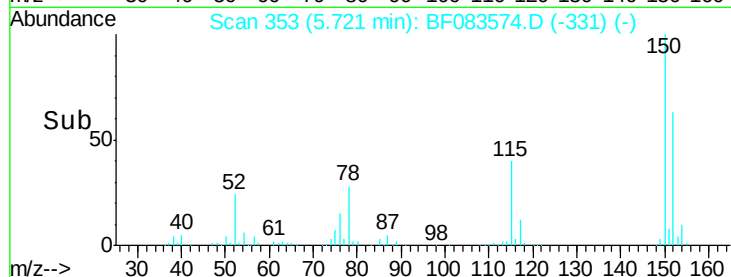
115 62.8 52.3 78.5



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: 65.94 ng

RT: 4.00 min Scan# 202

Delta R.T. -0.03 min

Lab File: BF083574.D

Acq: 7 Dec 2015 23:57

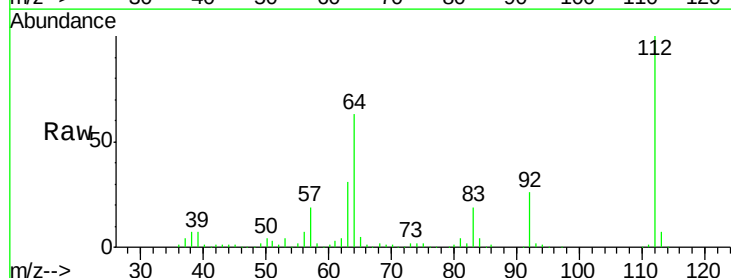
Tgt Ion:112 Resp: 566799

Ion Ratio Lower Upper

112 100

64 63.3 50.5 75.7

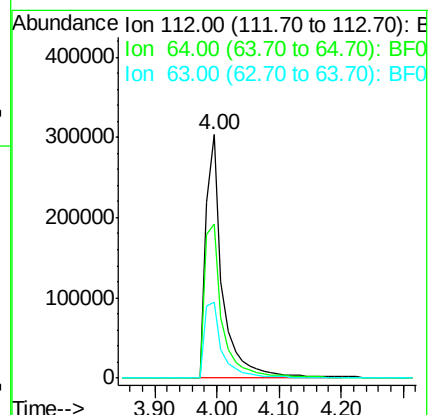
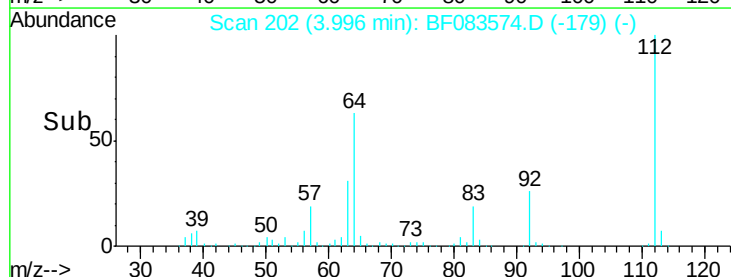
63 31.2 25.8 38.6

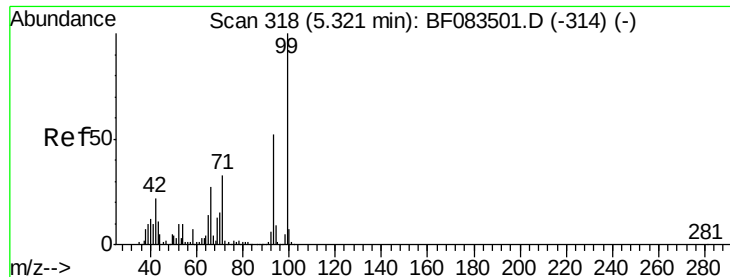


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 64.88 ng

RT: 5.29 min Scan# 315

Delta R.T. -0.03 min

Lab File: BF083574.D

Acq: 7 Dec 2015 23:57

Instrument :

BNA_F

ClientSampleId :

SHED-NORTH-WALL

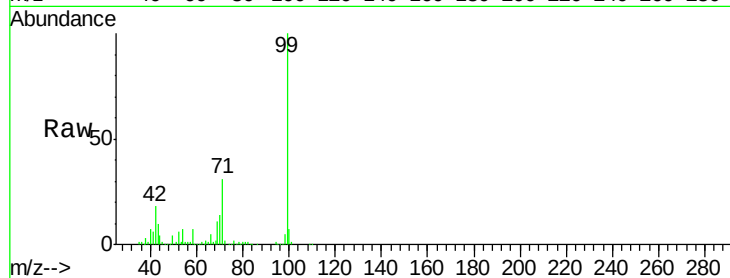
Tgt Ion: 99 Resp: 768325

Ion Ratio Lower Upper

99 100

42 18.4 17.3 25.9

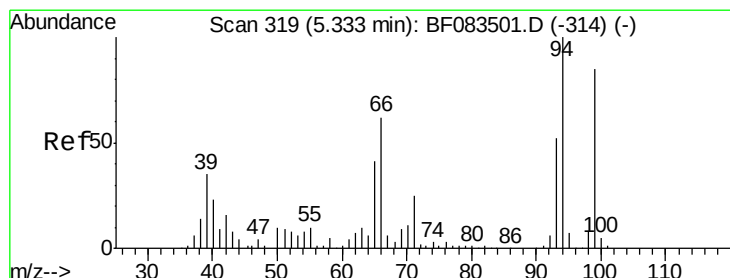
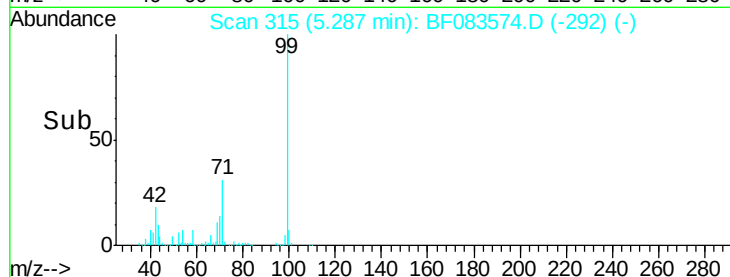
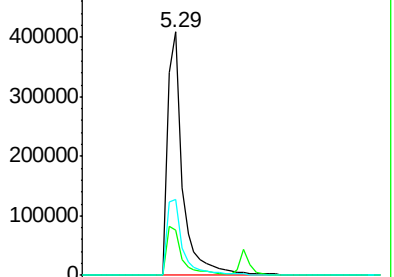
71 31.0 26.6 40.0



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



#10

Phenol

Concen: 3.48 ng

RT: 5.31 min Scan# 317

Delta R.T. -0.02 min

Lab File: BF083574.D

Acq: 7 Dec 2015 23:57

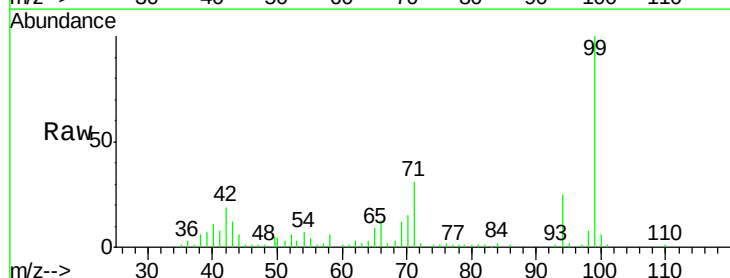
Tgt Ion: 94 Resp: 48190

Ion Ratio Lower Upper

94 100

65 34.2 20.9 60.9

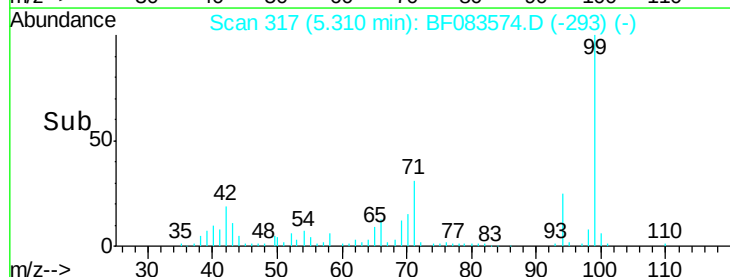
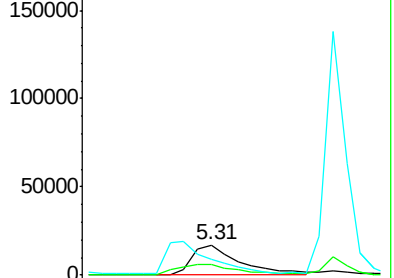
66 53.4 41.6 81.6

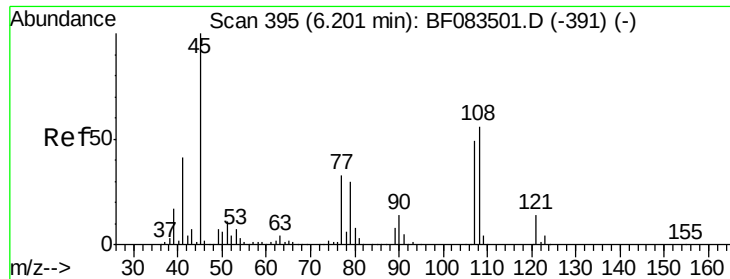


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

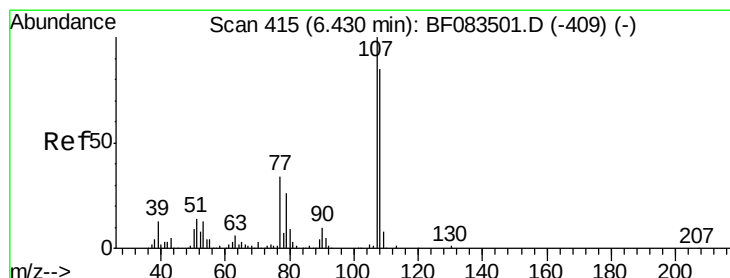
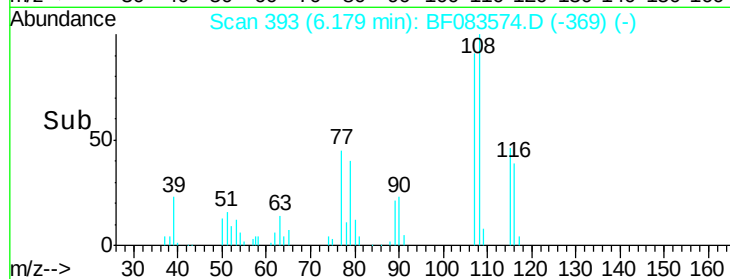
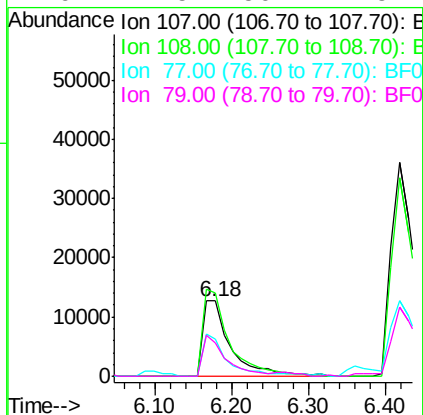
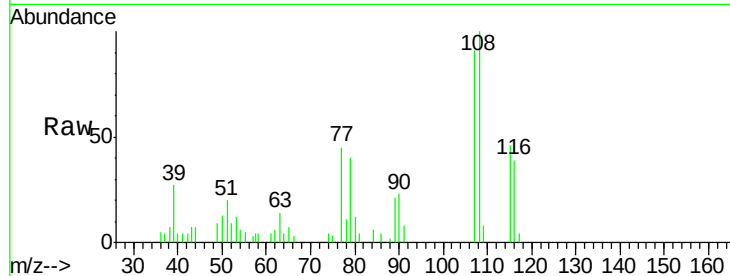




#17
2-Methylphenol
Concen: 4.02 ng
RT: 6.18 min Scan# 393
Delta R.T. -0.02 min
Lab File: BF083574.D
Acq: 7 Dec 2015 23:57

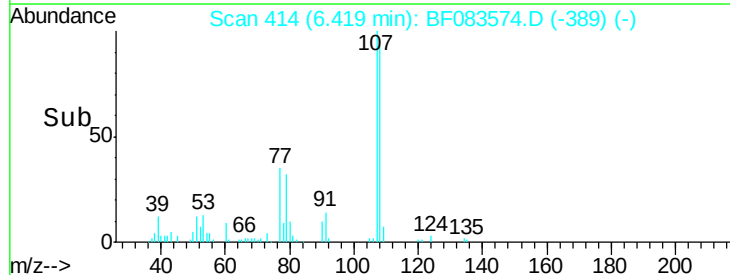
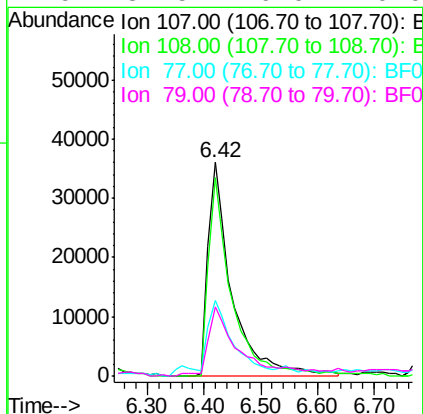
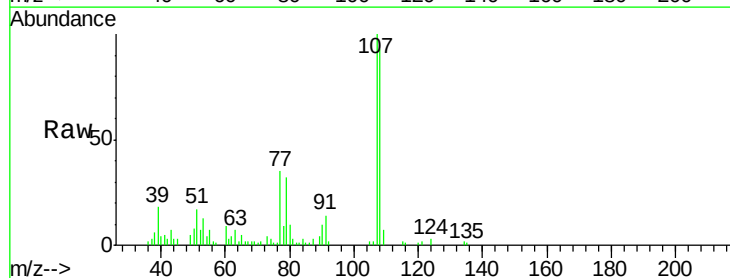
Instrument :
BNA_F
ClientSampleId :
SHED-NORTH-WALL

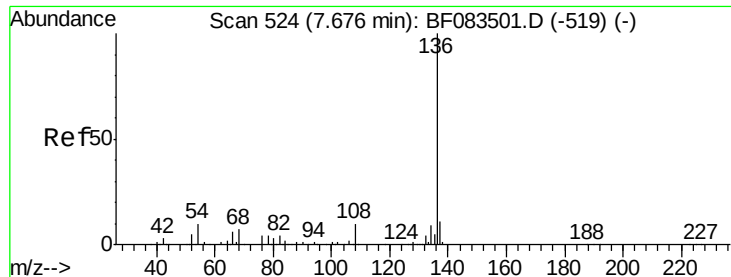
Tgt Ion:107 Resp: 31703
Ion Ratio Lower Upper
107 100
108 110.0 91.6 137.4
77 49.2 53.7 80.5#
79 44.5 50.2 75.4#



#20
3+4-Methylphenols
Concen: 10.03 ng
RT: 6.42 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF083574.D
Acq: 7 Dec 2015 23:57

Tgt Ion:107 Resp: 102788
Ion Ratio Lower Upper
107 100
108 92.9 65.2 105.2
77 35.3 15.2 55.2
79 32.5 6.0 46.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.62 min Scan# 519

Delta R.T. -0.06 min

Lab File: BF083574.D

Acq: 7 Dec 2015 23:57

Instrument :

BNA_F

ClientSampleId :

SHED-NORTH-WALL

Tgt Ion: 136 Resp: 473414

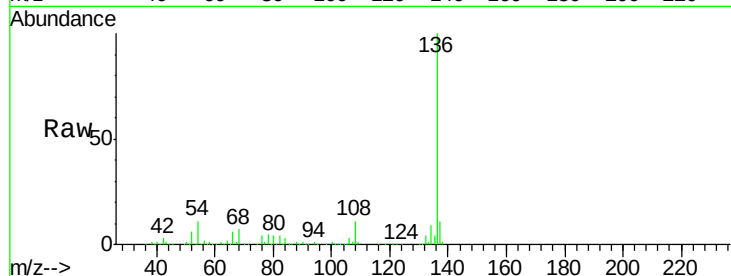
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 11.2 7.8 11.6

68 7.4 5.7 8.5

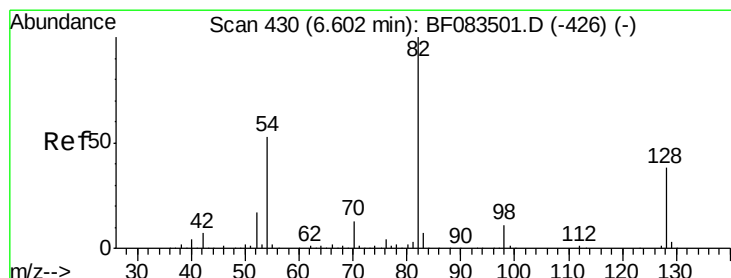
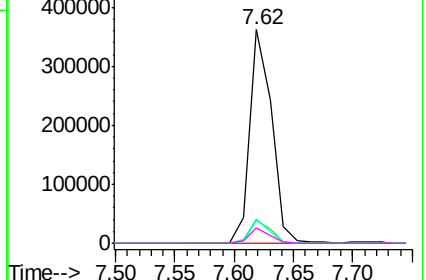
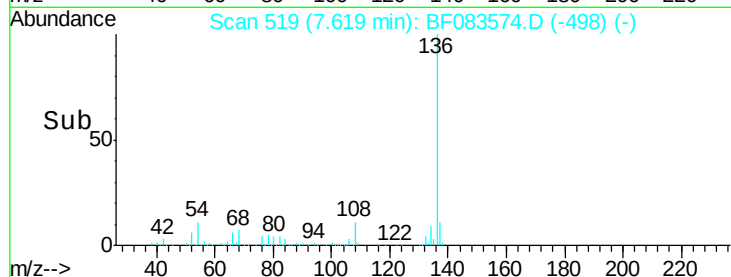


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.14 ng

RT: 6.54 min Scan# 425

Delta R.T. -0.06 min

Lab File: BF083574.D

Acq: 7 Dec 2015 23:57

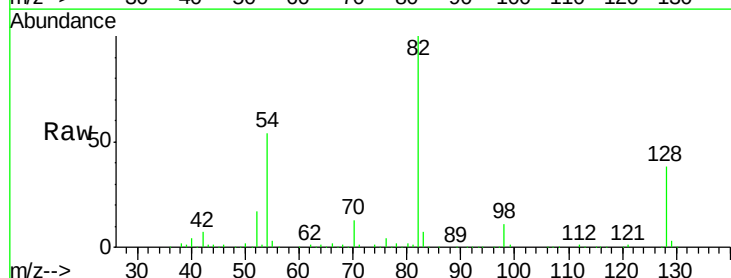
Tgt Ion: 82 Resp: 447011

Ion Ratio Lower Upper

82 100

128 38.0 30.7 46.1

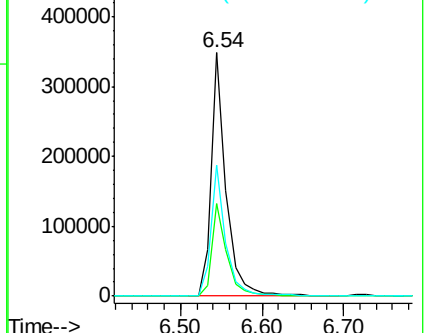
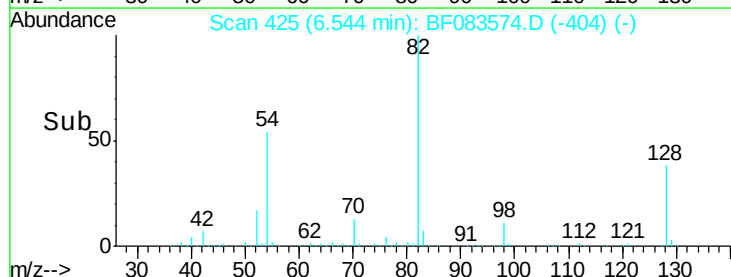
54 53.9 42.5 63.7

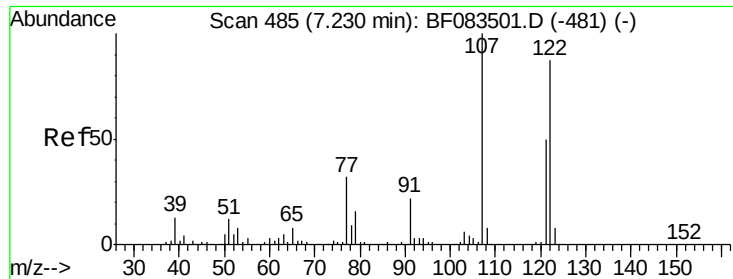


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

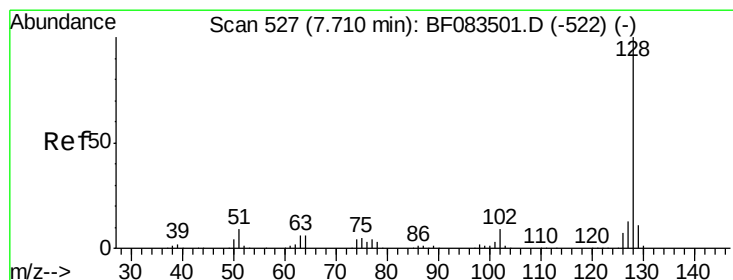
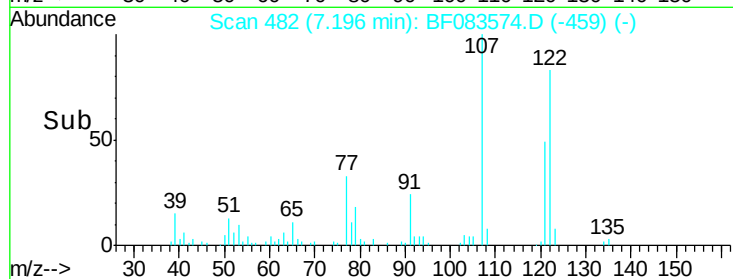
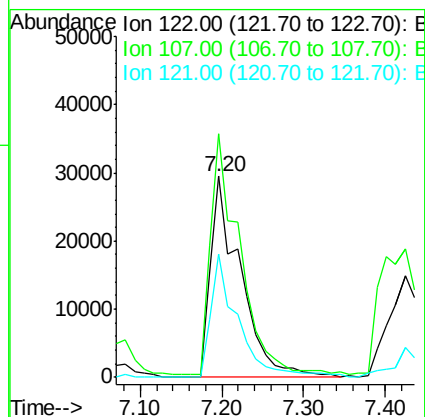
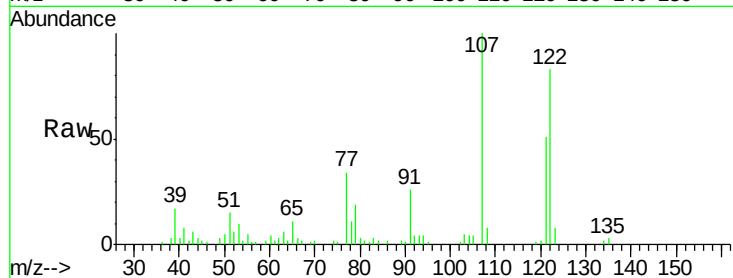




#27
2,4-Dimethylphenol
Concen: 9.71 ng
RT: 7.20 min Scan# 482
Delta R.T. -0.03 min
Lab File: BF083574.D
Acq: 7 Dec 2015 23:57

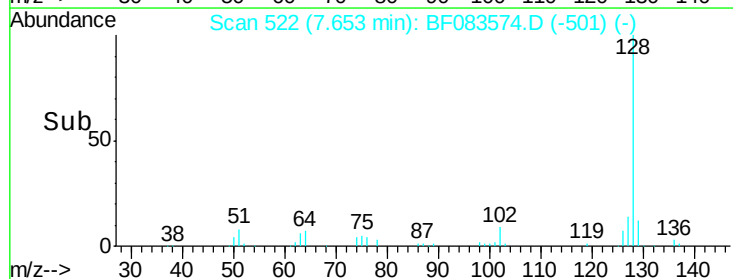
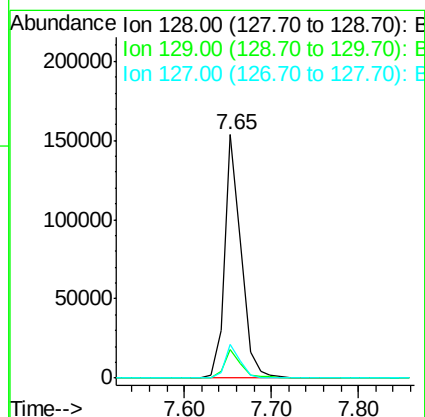
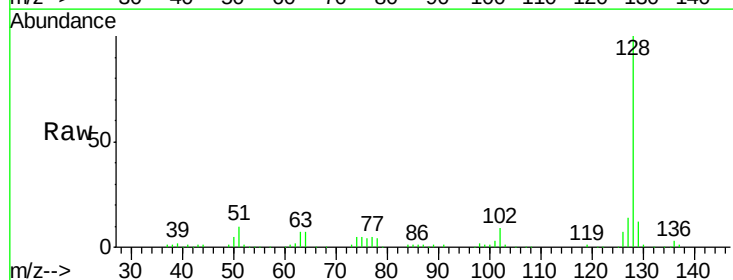
Instrument :
BNA_F
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SHED-NORTH-WALL

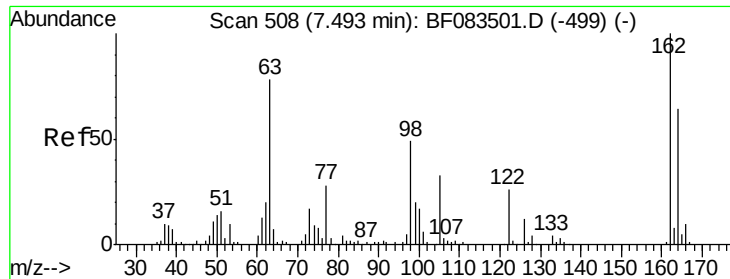
Tgt Ion:122 Resp: 75485
Ion Ratio Lower Upper
122 100
107 121.2 92.4 138.6
121 61.4 45.8 68.6



#31
Naphthalene
Concen: 8.06 ng
RT: 7.65 min Scan# 522
Delta R.T. -0.06 min
Lab File: BF083574.D
Acq: 7 Dec 2015 23:57

Tgt Ion:128 Resp: 203124
Ion Ratio Lower Upper
128 100
129 11.9 8.6 13.0
127 14.0 10.6 16.0

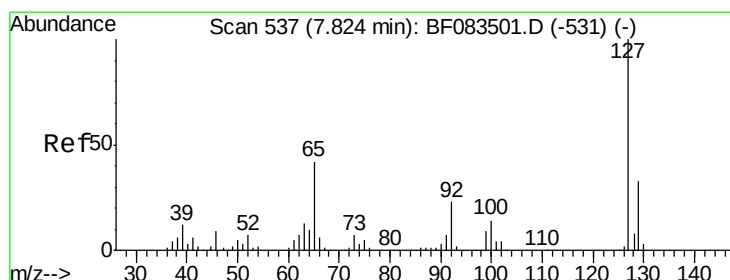
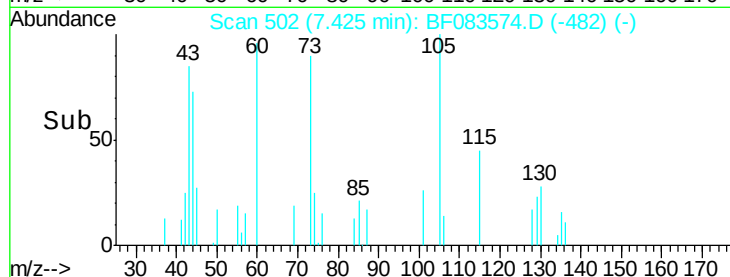
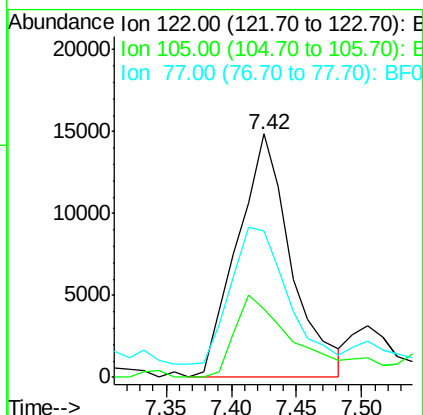
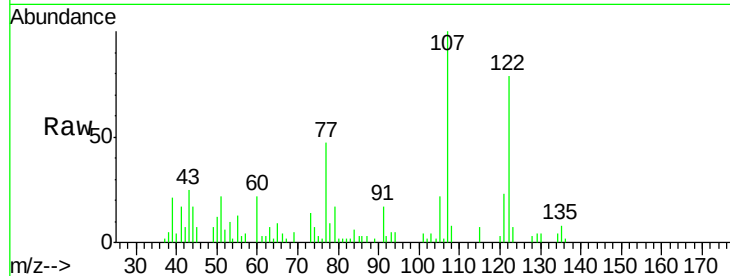




#32
Benzoic acid
Concen: 12.27 ng
RT: 7.42 min Scan# 502
Delta R.T. -0.07 min
Lab File: BF083574.D
Acq: 7 Dec 2015 23:57

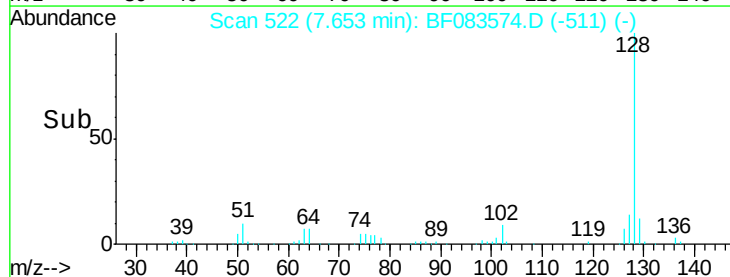
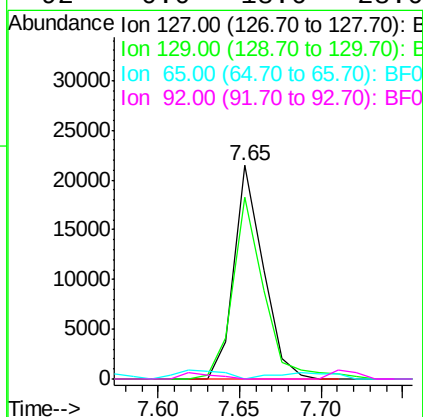
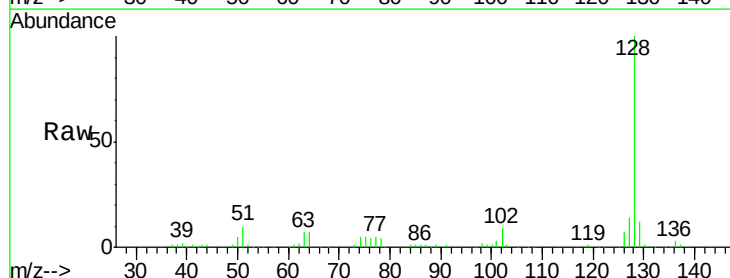
Instrument :
BNA_F
ClientSampleId :
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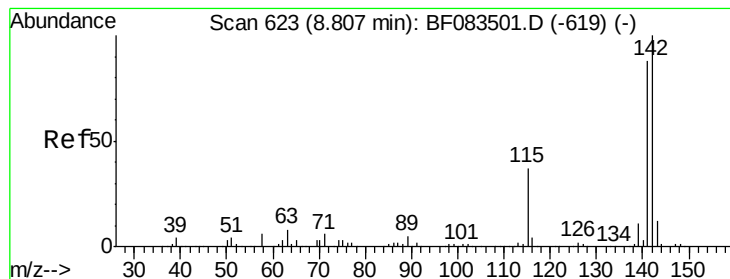
Tgt Ion:122 Resp: 43010
Ion Ratio Lower Upper
122 100
105 28.3 105.6 145.6#
77 59.9 86.8 126.8#



#33
4-Chloroaniline
Concen: 2.69 ng
RT: 7.65 min Scan# 522
Delta R.T. -0.17 min
Lab File: BF083574.D
Acq: 7 Dec 2015 23:57

Tgt Ion:127 Resp: 26479
Ion Ratio Lower Upper
127 100
129 85.0 26.1 39.1#
65 0.0 33.5 50.3#
92 0.0 18.6 28.0#





#37

2-Methylnaphthalene

Concen: 21.54 ng

RT: 8.76 min Scan# 619

Delta R.T. -0.05 min

Lab File: BF083574.D

Acq: 7 Dec 2015 23:57

Instrument :

BNA_F

ClientSampleId :

SHED-NORTH-WALL

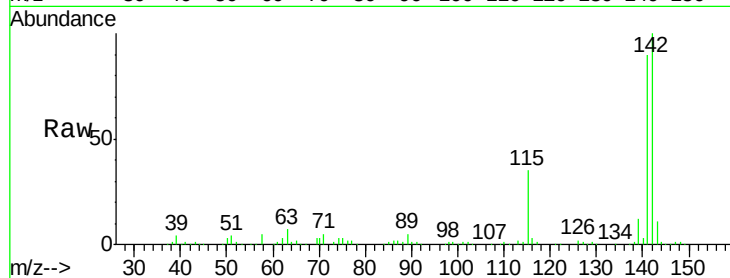
Tgt Ion:142 Resp: 335650

Ion Ratio Lower Upper

142 100

141 90.4 70.3 105.5

115 35.0 29.2 43.8

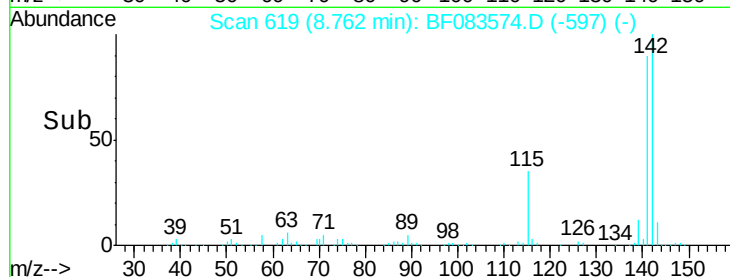


Abundance Ion 142.00 (141.70 to 142.70): E

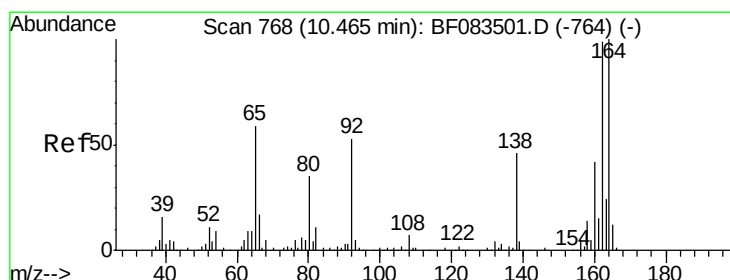
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.42 min Scan# 764

Delta R.T. -0.05 min

Lab File: BF083574.D

Acq: 7 Dec 2015 23:57

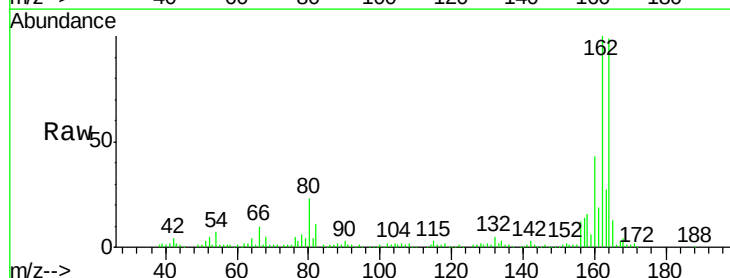
Tgt Ion:164 Resp: 198934

Ion Ratio Lower Upper

164 100

162 100.8 78.8 118.2

160 42.8 33.4 50.2

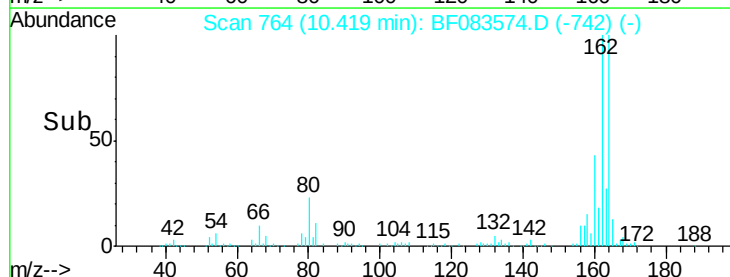


Abundance Ion 164.00 (163.70 to 164.70): E

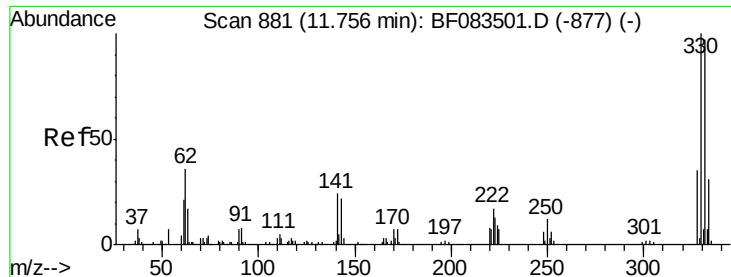
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->



Time-->



#41

2,4,6-Tribromophenol

Concen: 51.75 ng

RT: 11.72 min Scan# 878

Delta R.T. -0.03 min

Lab File: BF083574.D

Acq: 7 Dec 2015 23:57

Instrument :

BNA_F

ClientSampleId :

SHED-NORTH-WALL

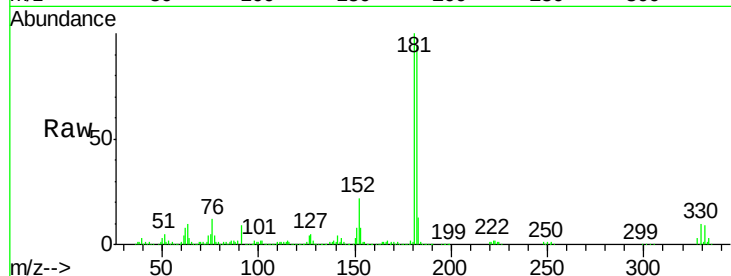
Tgt Ion:330 Resp: 94961

Ion Ratio Lower Upper

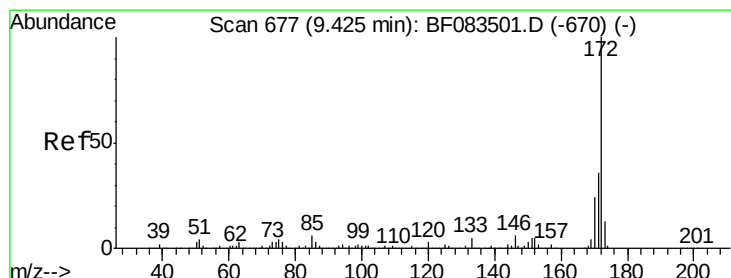
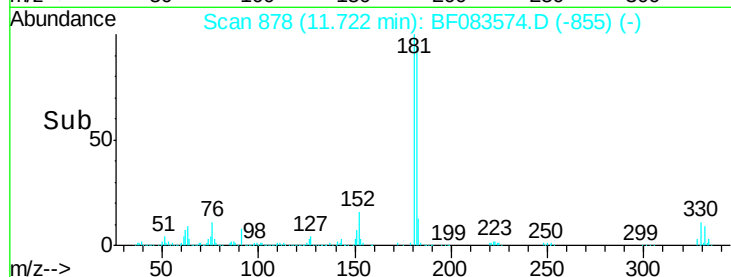
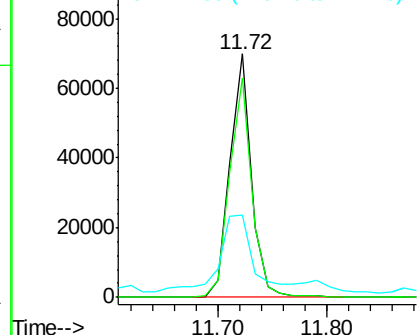
330 100

332 93.6 0.0 0.0#

141 48.9 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



#44

2-Fluorobiphenyl

Concen: 46.67 ng

RT: 9.37 min Scan# 672

Delta R.T. -0.06 min

Lab File: BF083574.D

Acq: 7 Dec 2015 23:57

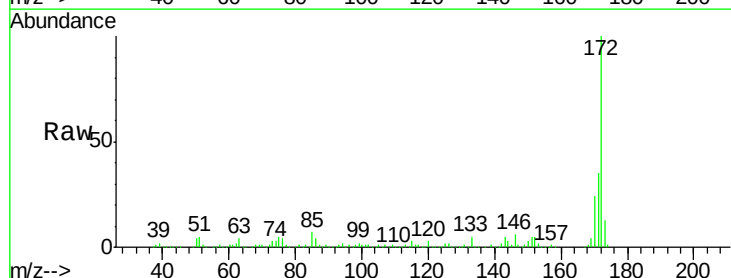
Tgt Ion:172 Resp: 684482

Ion Ratio Lower Upper

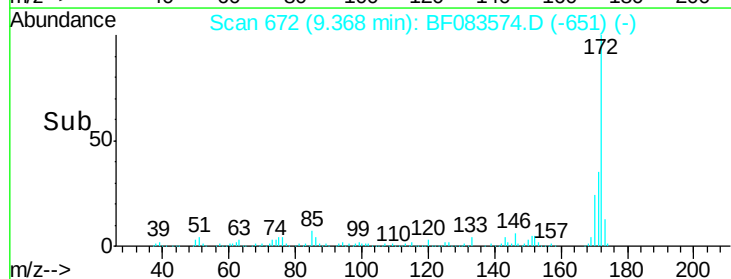
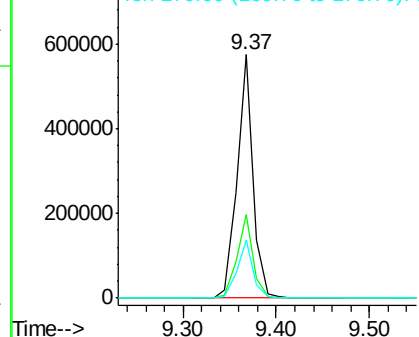
172 100

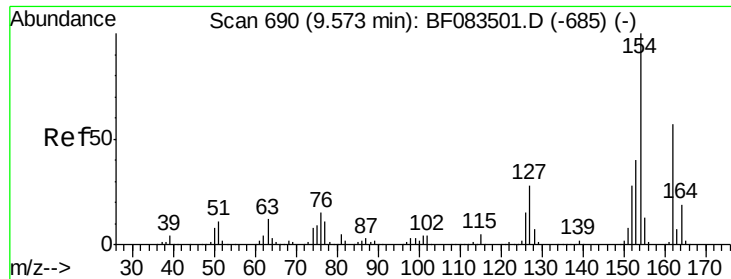
171 34.6 28.6 42.8

170 23.9 19.4 29.0



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

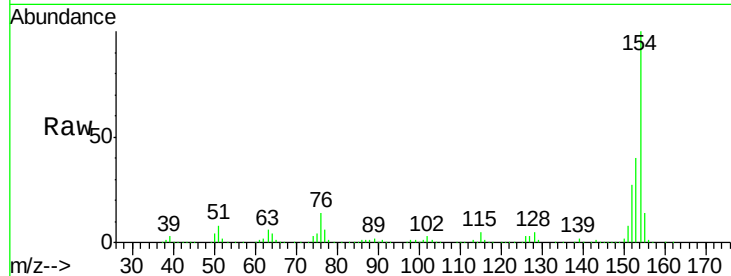




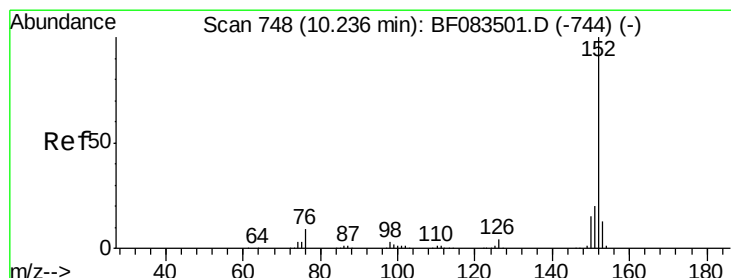
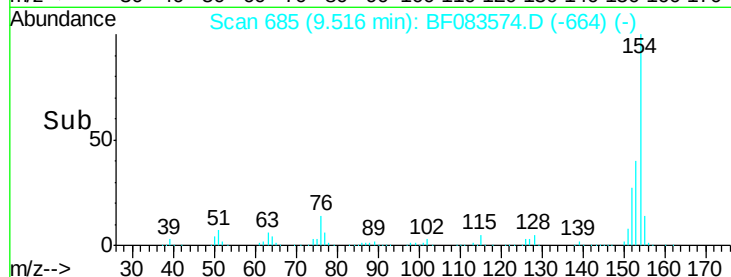
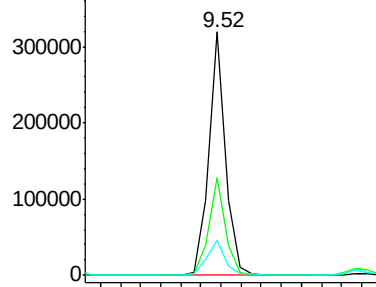
#45
1,1'-Biphenyl
Concen: 20.76 ng
RT: 9.52 min Scan# 685
Delta R.T. -0.06 min
Lab File: BF083574.D
Acq: 7 Dec 2015 23:57

Instrument :
BNA_F
ClientSampleId :
SHED-NORTH-WALL

Tgt Ion:154 Resp: 366911
Ion Ratio Lower Upper
154 100
153 39.9 20.2 60.2
76 14.1 0.0 34.8

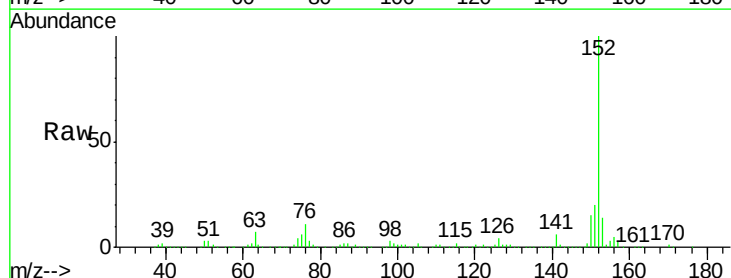


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

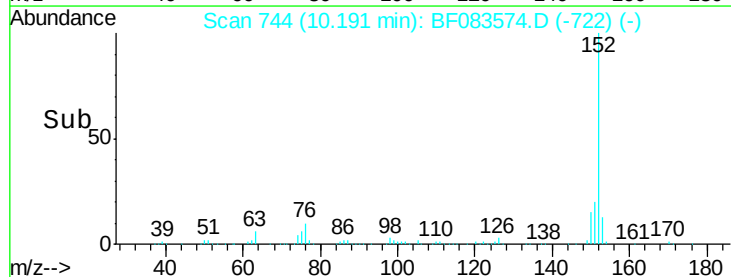
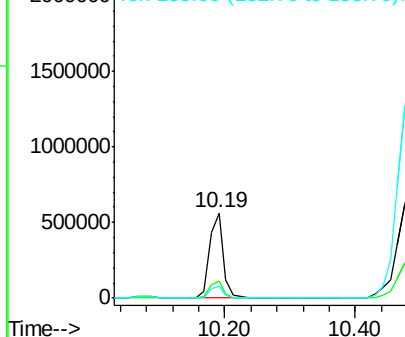


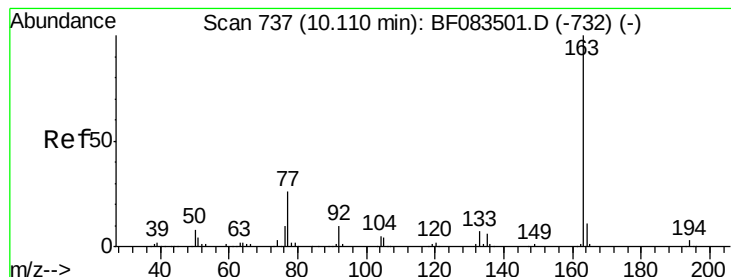
#48
Acenaphthylene
Concen: 38.68 ng
RT: 10.19 min Scan# 744
Delta R.T. -0.05 min
Lab File: BF083574.D
Acq: 7 Dec 2015 23:57

Tgt Ion:152 Resp: 843631
Ion Ratio Lower Upper
152 100
151 19.8 16.3 24.5
153 13.8 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: 2.27 ng

RT: 10.06 min Scan# 733

Delta R.T. -0.05 min

Lab File: BF083574.D

Acq: 7 Dec 2015 23:57

Instrument :

BNA_F

ClientSampleId :

SHED-NORTH-WALL

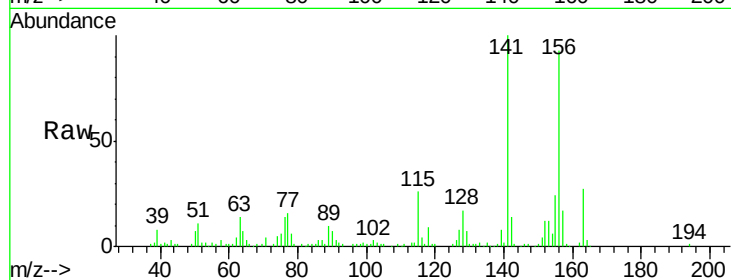
Tgt Ion:163 Resp: 35497

Ion Ratio Lower Upper

163 100

194 4.1 2.8 4.2

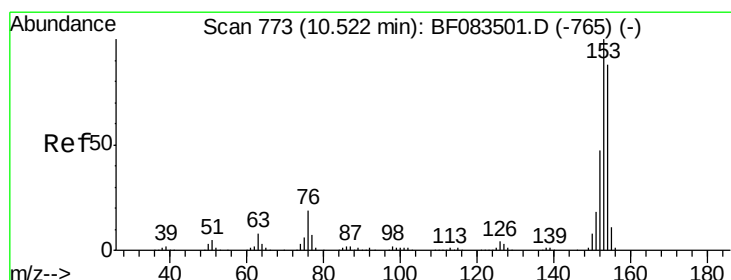
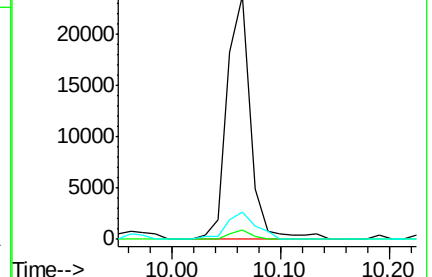
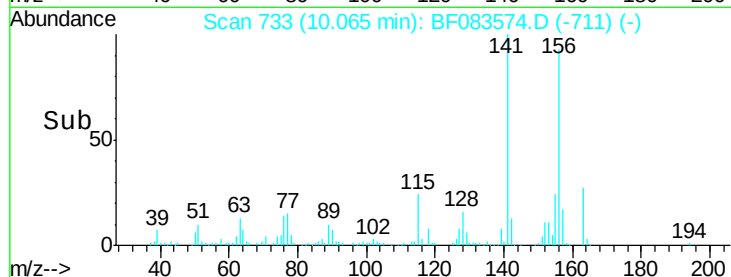
164 11.3 8.6 13.0



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



#51

Acenaphthene

Concen: 197.39 ng

RT: 10.49 min Scan# 770

Delta R.T. -0.03 min

Lab File: BF083574.D

Acq: 7 Dec 2015 23:57

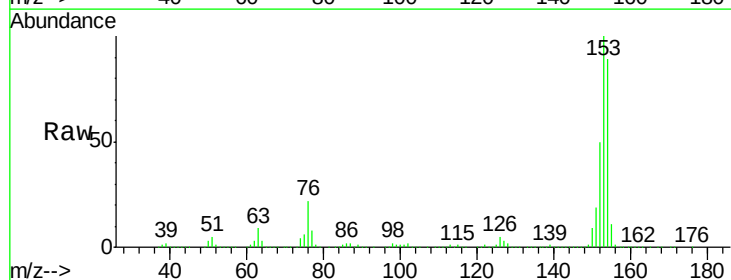
Tgt Ion:154 Resp: 2477582

Ion Ratio Lower Upper

154 100

153 112.1 91.4 137.0

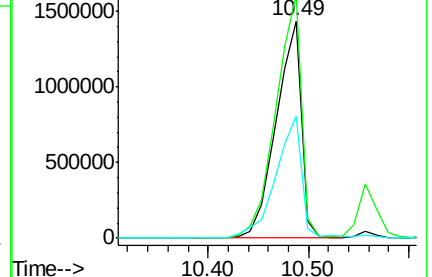
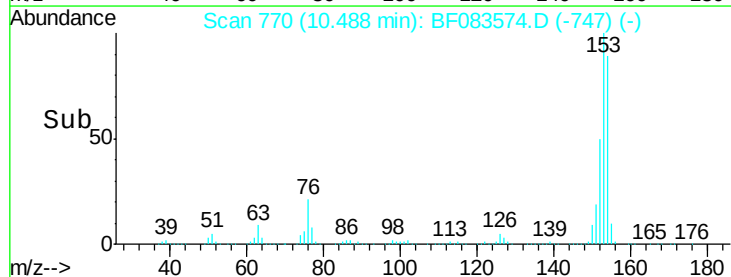
152 56.2 43.4 65.2

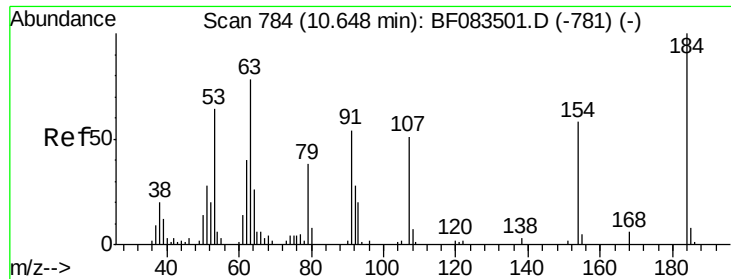


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

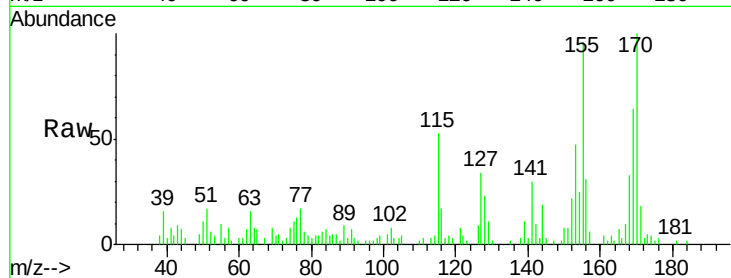




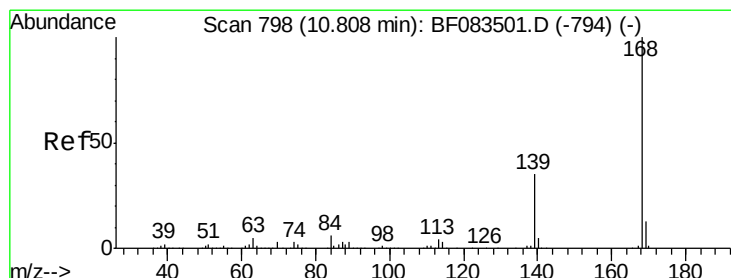
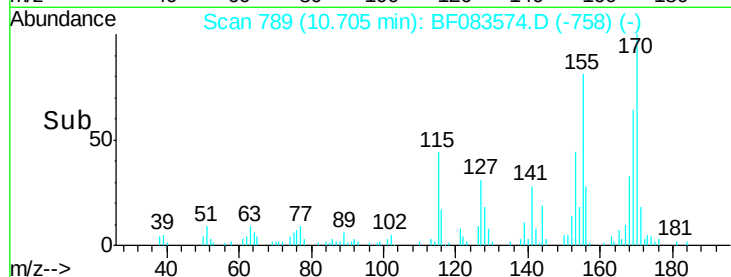
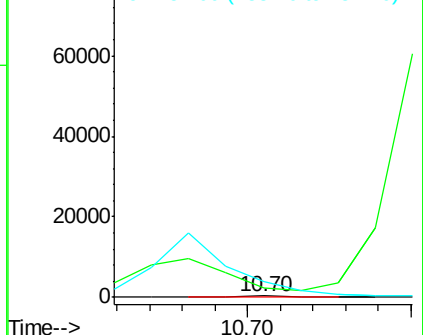
#53
 2,4-Dinitrophenol
 Concen: 7.69 ng
 RT: 10.70 min Scan# 789
 Delta R.T. 0.06 min
 Lab File: BF083574.D
 Acq: 7 Dec 2015 23:57

Instrument :
 BNA_F
 ClientSampleId :
 SHED-NORTH-WALL

Tgt Ion:184 Resp: 207
 Ion Ratio Lower Upper
 184 100
 63 809.3 62.4 93.6#
 154 1291.4 46.6 69.8#

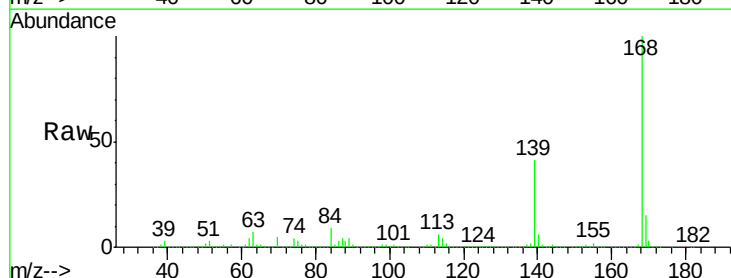


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

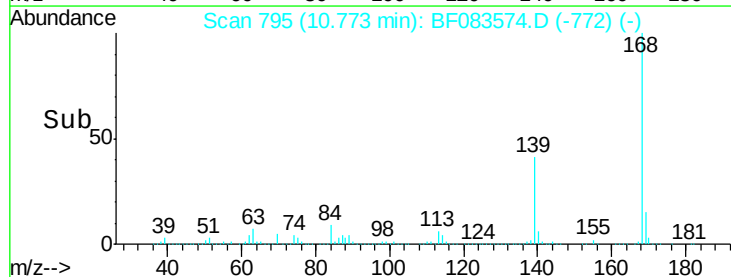
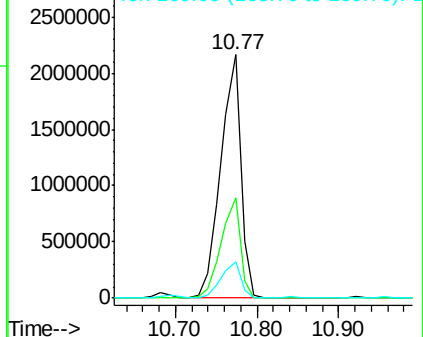


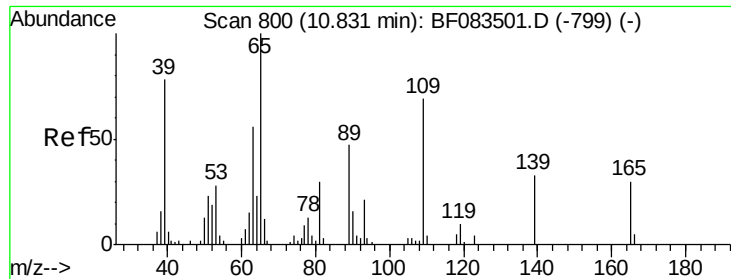
#54
 Dibenzofuran
 Concen: 212.59 ng
 RT: 10.77 min Scan# 795
 Delta R.T. -0.03 min
 Lab File: BF083574.D
 Acq: 7 Dec 2015 23:57

Tgt Ion:168 Resp: 3696955
 Ion Ratio Lower Upper
 168 100
 139 41.1 28.0 42.0
 169 14.9 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 728.98 ng

RT: 10.77 min Scan# 795

Delta R.T. -0.06 min

Lab File: BF083574.D

Acq: 7 Dec 2015 23:57

Instrument :

BNA_F

ClientSampleId :

SHED-NORTH-WALL

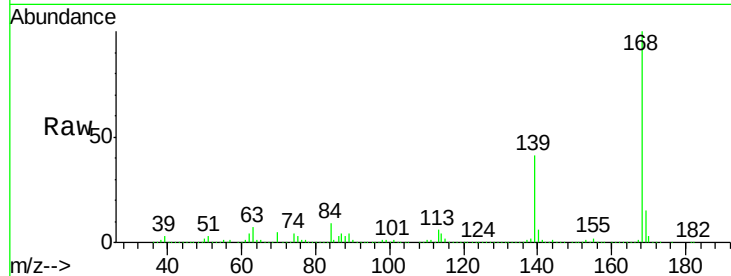
Tgt Ion:139 Resp: 1459439

Ion Ratio Lower Upper

139 100

109 0.9 42.0 82.0#

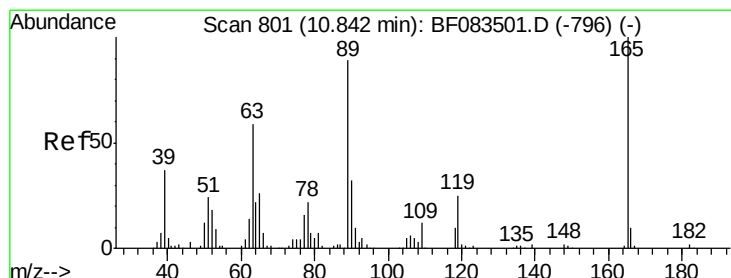
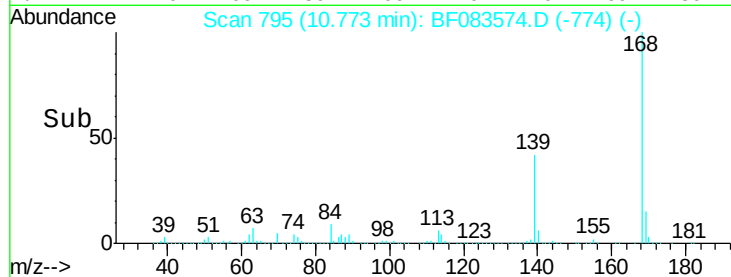
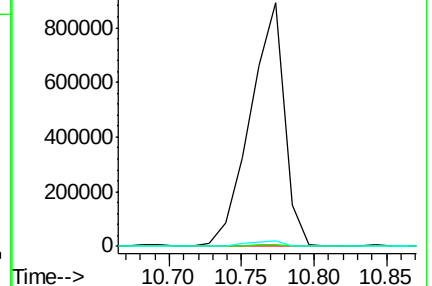
65 2.1 89.2 129.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 2.94 ng

RT: 10.76 min Scan# 794

Delta R.T. -0.08 min

Lab File: BF083574.D

Acq: 7 Dec 2015 23:57

Tgt Ion:165 Resp: 12641

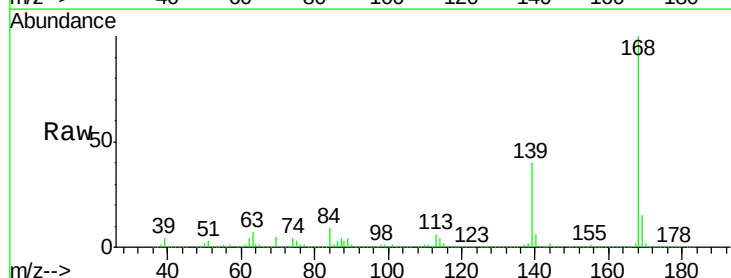
Ion Ratio Lower Upper

165 100

63 1822.0 51.4 77.2#

89 1012.4 72.6 108.8#

182 114.2 1.4 2.0#

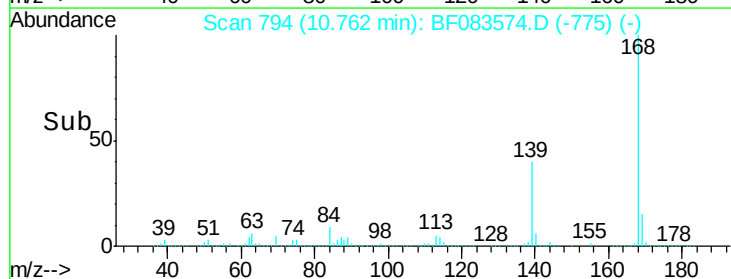
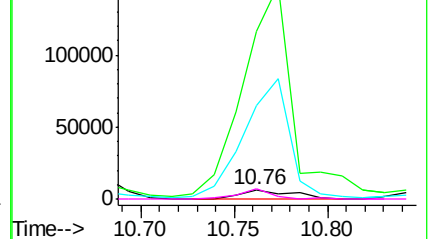


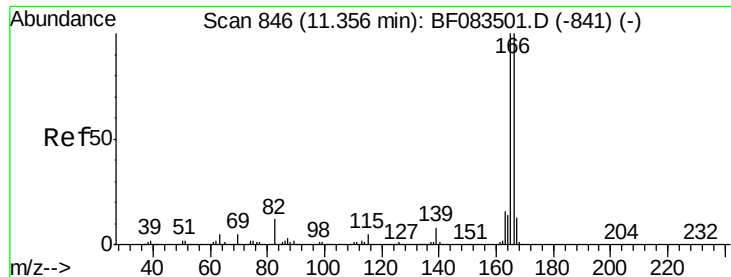
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 233.30 ng

RT: 11.33 min Scan# 844

Delta R.T. -0.02 min

Lab File: BF083574.D

Acq: 7 Dec 2015 23:57

Instrument :

BNA_F

ClientSampleId :

SHED-NORTH-WALL

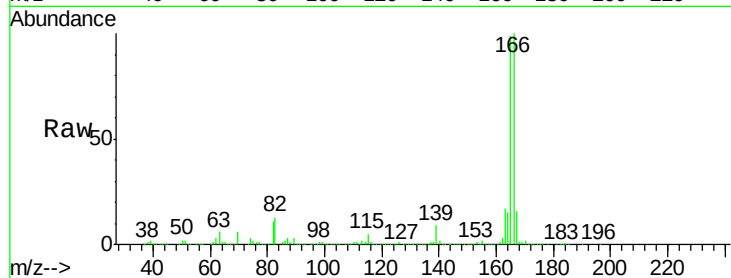
Tgt Ion:166 Resp: 3529656

Ion Ratio Lower Upper

166 100

165 99.4 80.0 120.0

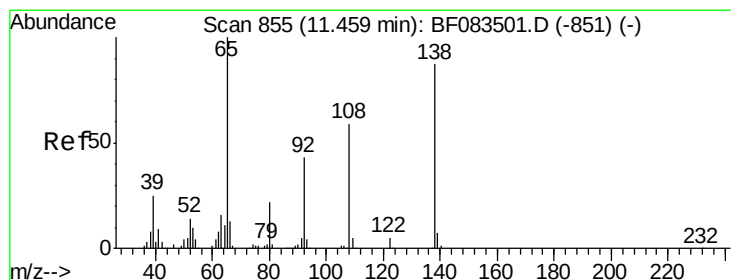
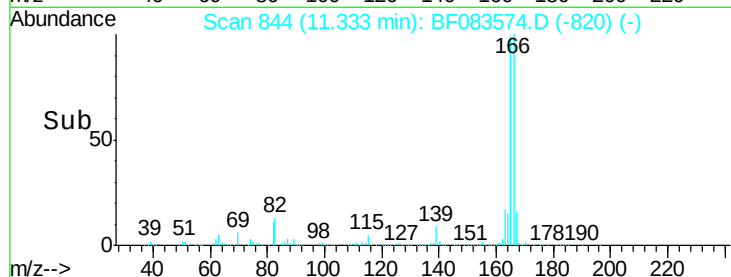
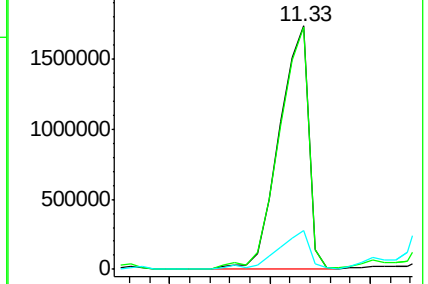
167 16.0 10.6 16.0#



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



#61

4-Nitroaniline

Concen: 2.69 ng

RT: 11.45 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF083574.D

Acq: 7 Dec 2015 23:57

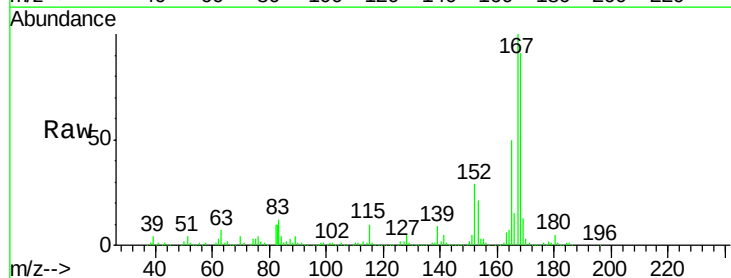
Tgt Ion:138 Resp: 8669

Ion Ratio Lower Upper

138 100

92 19.8 29.0 69.0#

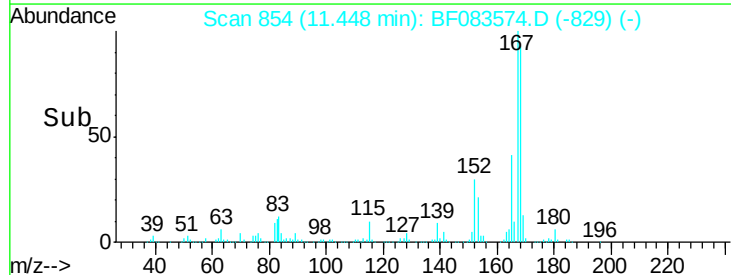
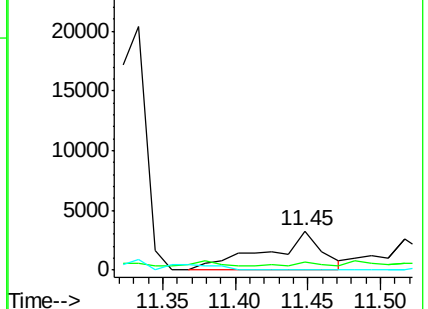
108 0.0 47.4 87.4#

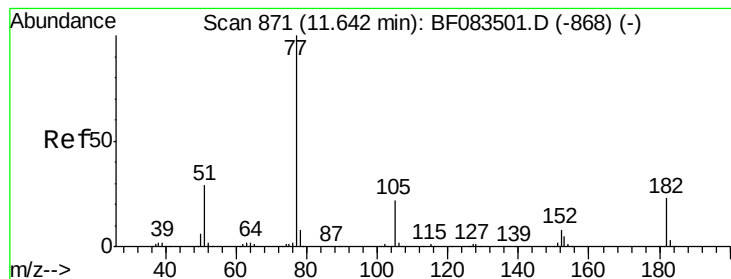


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 2.85 ng

RT: 11.58 min Scan# 866

Delta R.T. -0.06 min

Lab File: BF083574.D

Acq: 7 Dec 2015 23:57

Instrument :

BNA_F

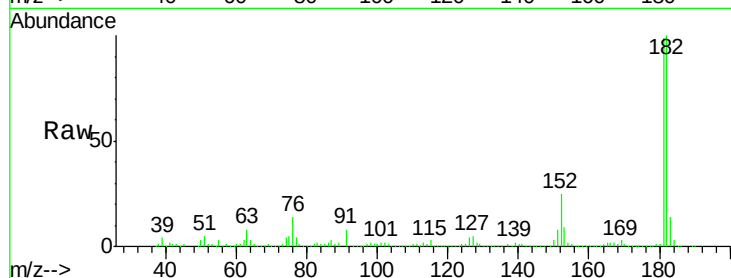
ClientSampleId :

SHED-NORTH-WALL

Tgt Ion: 77 Resp: 45873

Ion Ratio Lower Upper

77	100		
182	2311.8	2.5	42.5#
105	11.5	2.1	42.1
51	118.4	9.3	49.3#



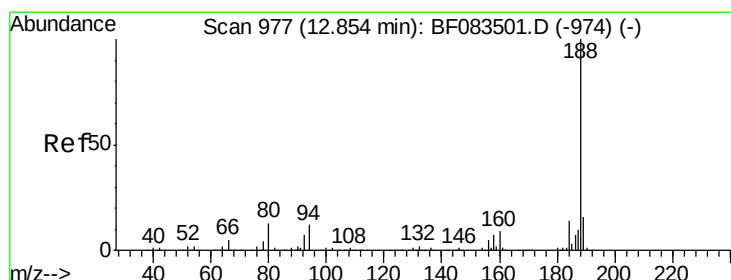
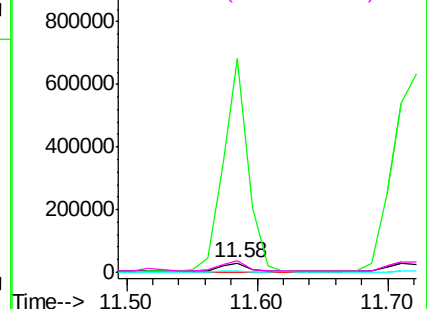
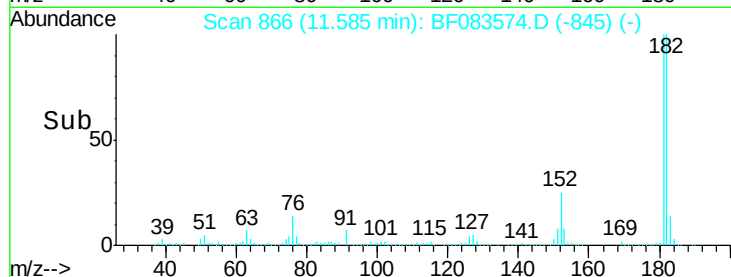
Abundance

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: 12.84 min Scan# 976

Delta R.T. -0.01 min

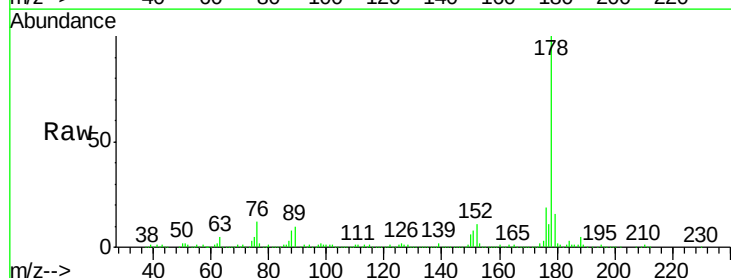
Lab File: BF083574.D

Acq: 7 Dec 2015 23:57

Tgt Ion: 188 Resp: 221396

Ion Ratio Lower Upper

188	100		
94	10.6	9.4	14.2
80	13.1	10.6	16.0

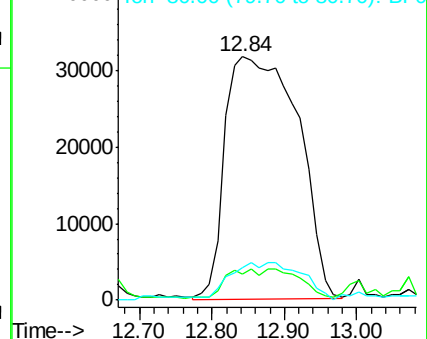
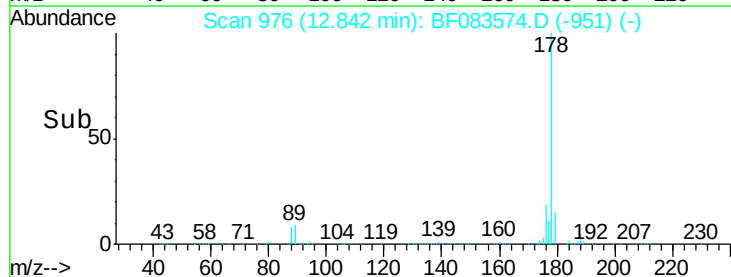


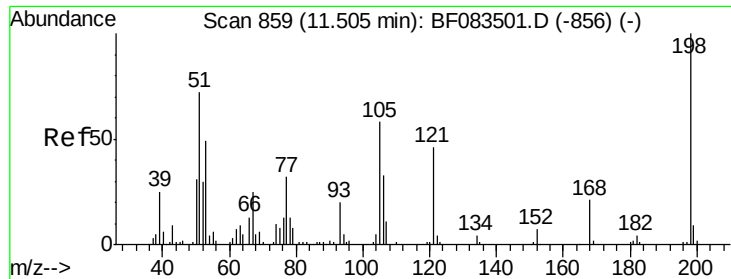
Abundance

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

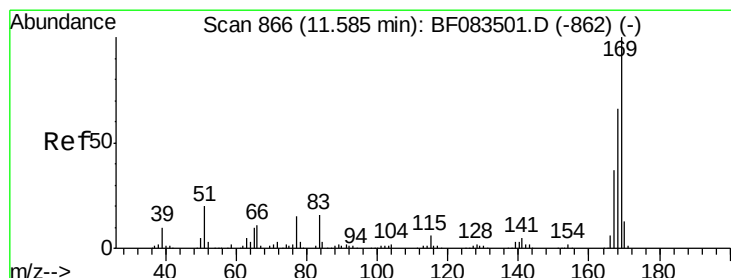
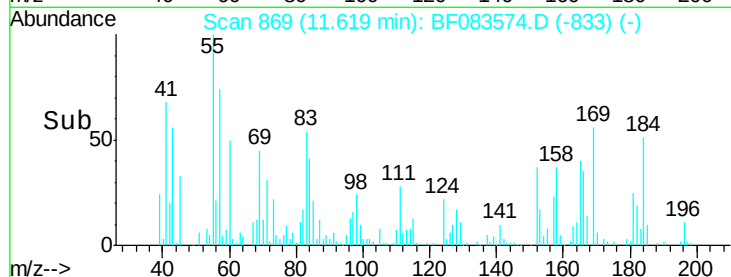
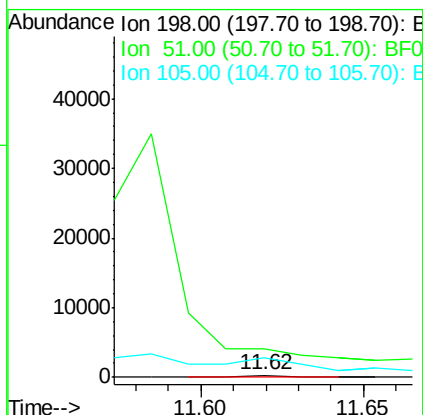
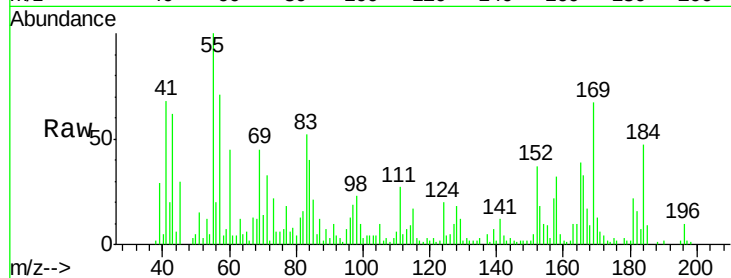




#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.61 ng
 RT: 11.62 min Scan# 869
 Delta R.T. 0.12 min
 Lab File: BF083574.D
 Acq: 7 Dec 2015 23:57

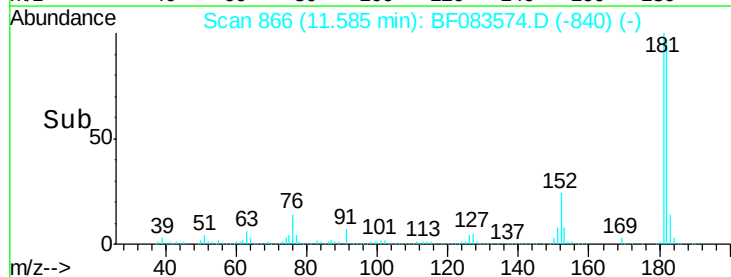
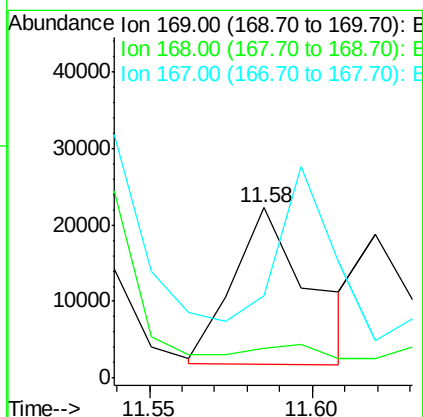
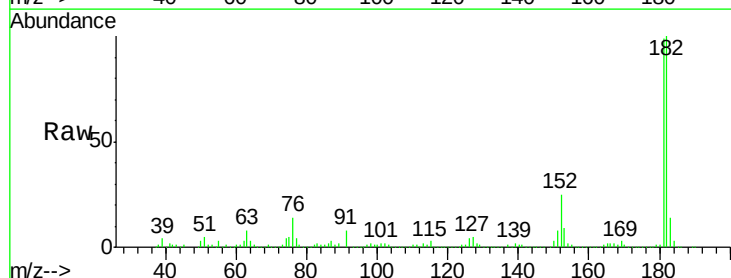
Instrument :
 BNA_F
 ClientSampleId :
 SHED-NORTH-WALL

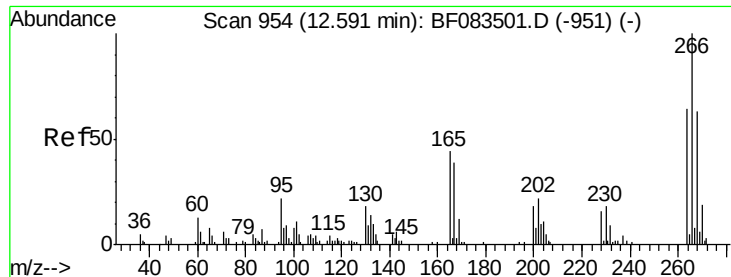
Tgt Ion:198 Resp: 209
 Ion Ratio Lower Upper
 198 100
 51 1357.0 53.8 93.8#
 105 952.5 38.6 78.6#



#65
 n-Nitrosodiphenylamine
 Concen: 4.54 ng
 RT: 11.58 min Scan# 866
 Delta R.T. 0.00 min
 Lab File: BF083574.D
 Acq: 7 Dec 2015 23:57

Tgt Ion:169 Resp: 33264
 Ion Ratio Lower Upper
 169 100
 168 17.5 53.0 79.6#
 167 48.2 29.3 43.9#

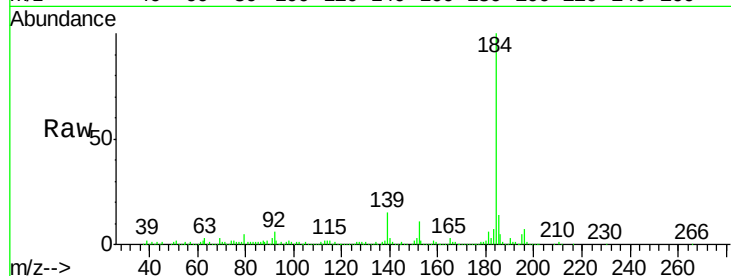




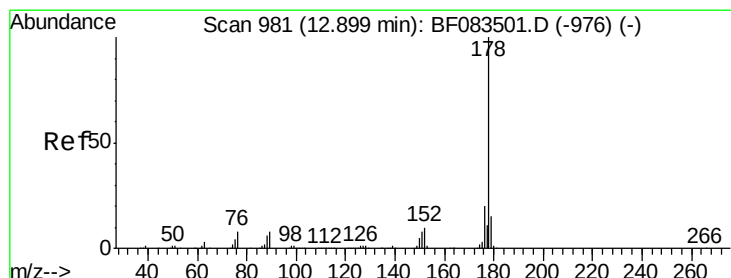
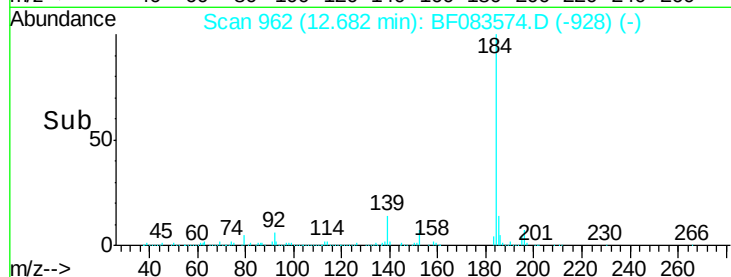
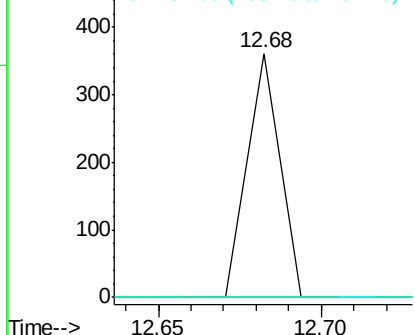
#69
 Pentachlorophenol
 Concen: 4.65 ng
 RT: 12.68 min Scan# 962
 Delta R.T. 0.09 min
 Lab File: BF083574.D
 Acq: 7 Dec 2015 23:57

Instrument :
 BNA_F
 ClientSampleId :
 SHED-NORTH-WALL

Tgt Ion: 266 Resp: 248
 Ion Ratio Lower Upper
 266 100
 268 0.0 50.2 75.2#
 264 0.0 51.4 77.2#

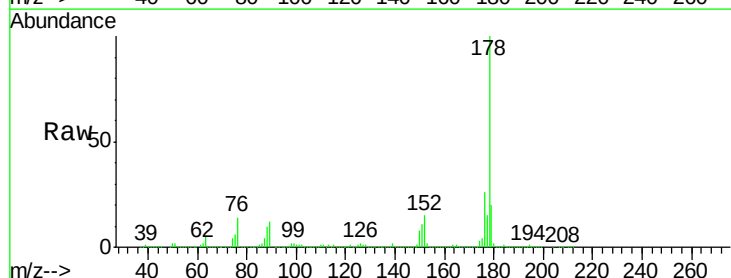


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

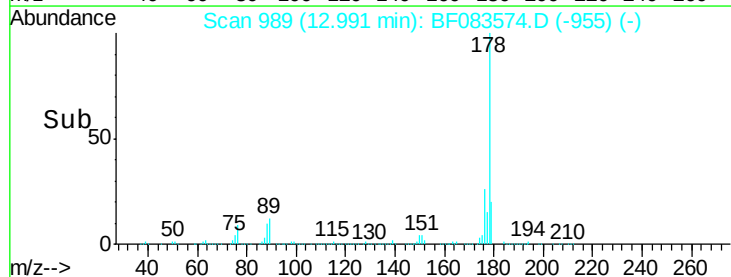
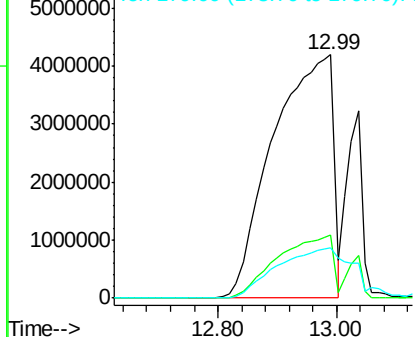


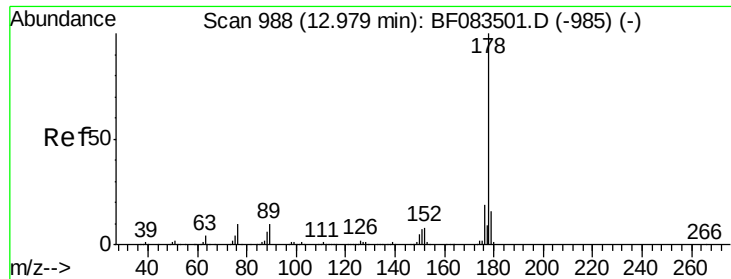
#70
 Phenanthrene
 Concen: 2280.63 ng
 RT: 12.99 min Scan# 989
 Delta R.T. 0.09 min
 Lab File: BF083574.D
 Acq: 7 Dec 2015 23:57

Tgt Ion: 178 Resp: 29389963
 Ion Ratio Lower Upper
 178 100
 176 25.9 15.7 23.5#
 179 20.5 12.2 18.4#



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: 349.67 ng

RT: 13.04 min Scan# 993

Delta R.T. 0.06 min

Lab File: BF083574.D

Acq: 7 Dec 2015 23:57

Instrument :

BNA_F

ClientSampleId :

SHED-NORTH-WALL

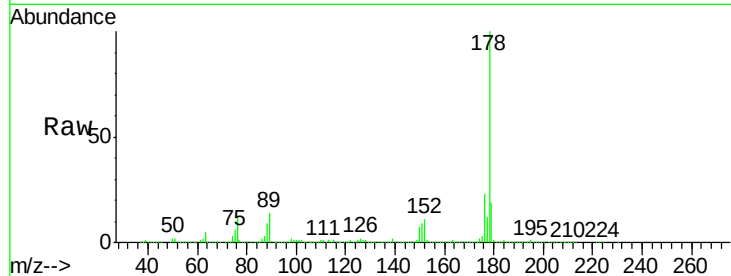
Tgt Ion:178 Resp: 4595575

Ion Ratio Lower Upper

178 100

176 22.6 15.2 22.8

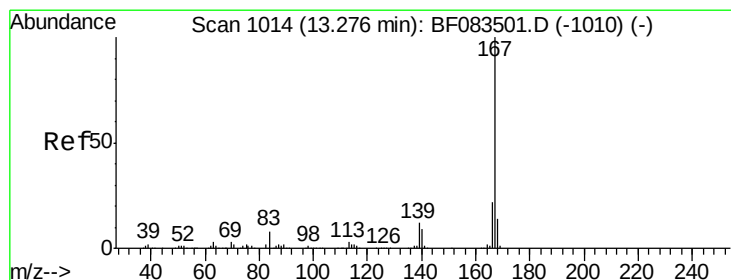
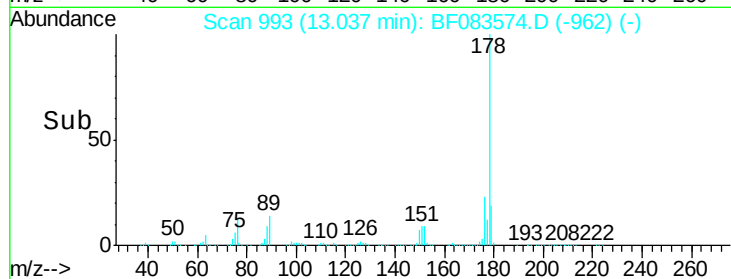
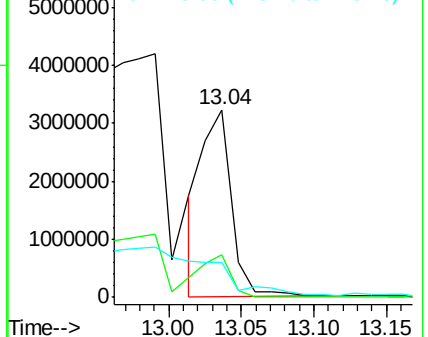
179 18.8 12.6 18.8



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: 541.64 ng

RT: 13.30 min Scan# 1016

Delta R.T. 0.02 min

Lab File: BF083574.D

Acq: 7 Dec 2015 23:57

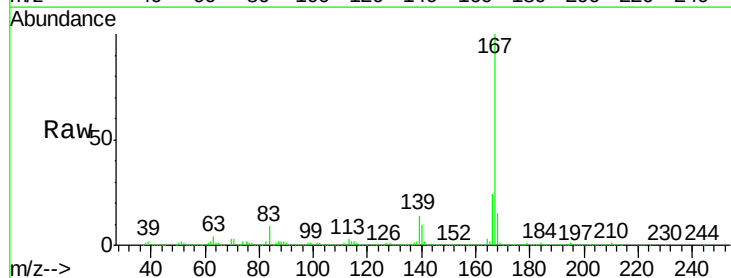
Tgt Ion:167 Resp: 6112834

Ion Ratio Lower Upper

167 100

166 23.8 17.2 25.8

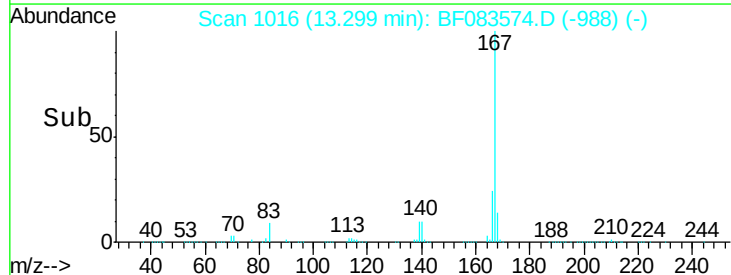
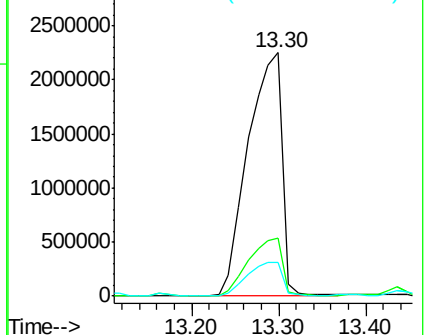
139 13.8 9.3 13.9

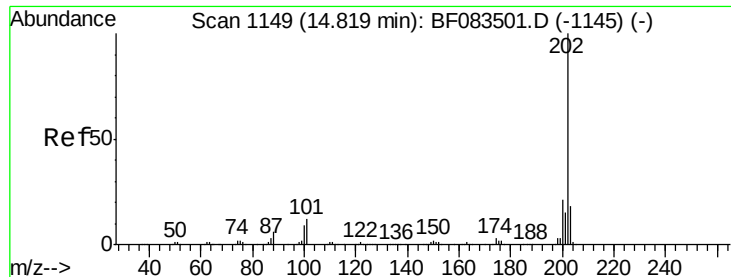


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 2410.11 ng

RT: 14.95 min Scan# 1160

Delta R.T. 0.13 min

Lab File: BF083574.D

Acq: 7 Dec 2015 23:57

Instrument :

BNA_F

ClientSampleId :

SHED-NORTH-WALL

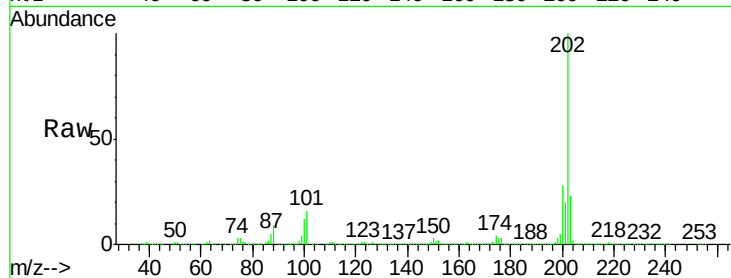
Tgt Ion:202 Resp:30781845

Ion Ratio Lower Upper

202 100

101 16.1 0.0 31.5

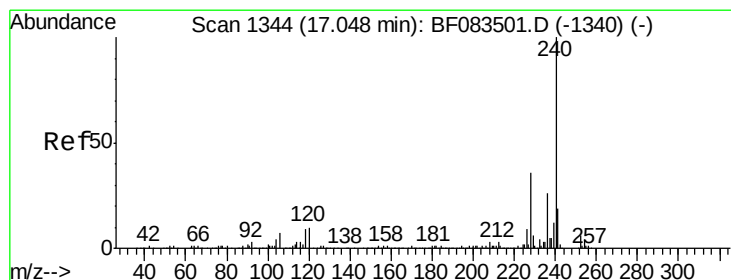
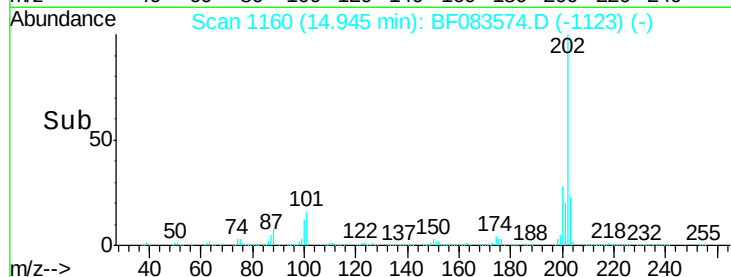
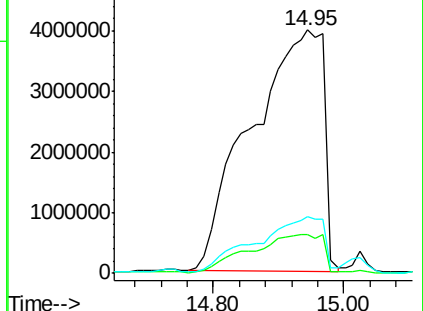
203 23.5 0.0 37.6



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: 17.11 min Scan# 1349

Delta R.T. 0.06 min

Lab File: BF083574.D

Acq: 7 Dec 2015 23:57

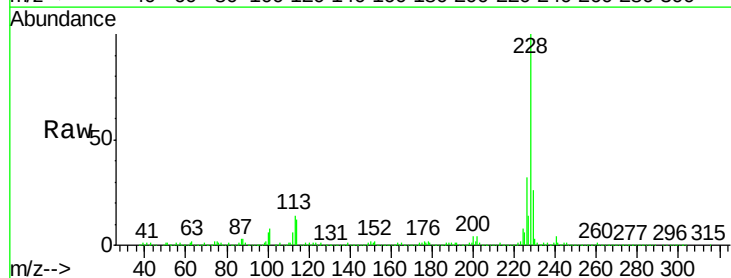
Tgt Ion:240 Resp: 276059

Ion Ratio Lower Upper

240 100

120 13.4 8.1 12.1#

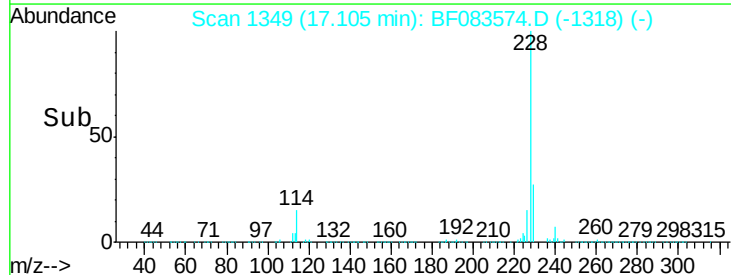
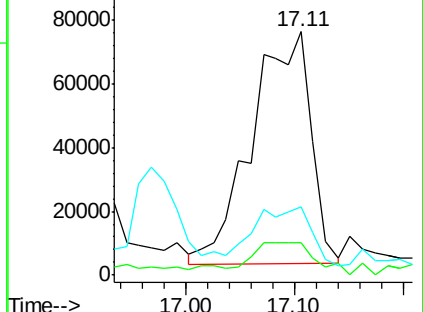
236 27.9 20.8 31.2

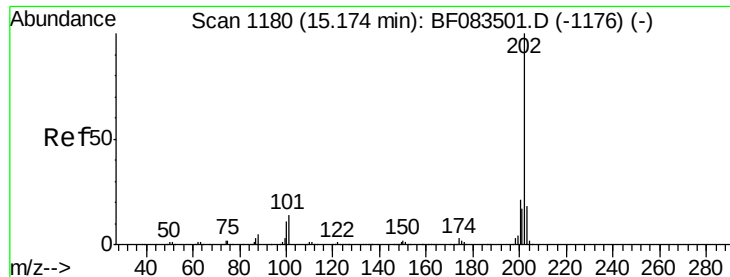


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

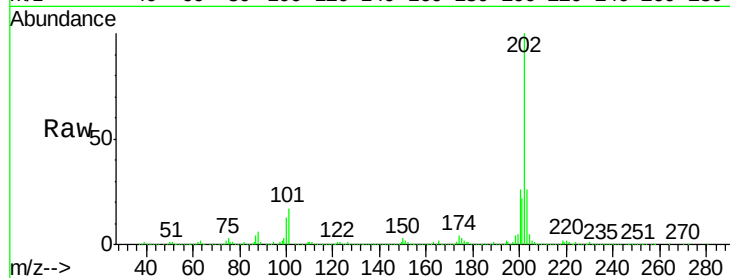




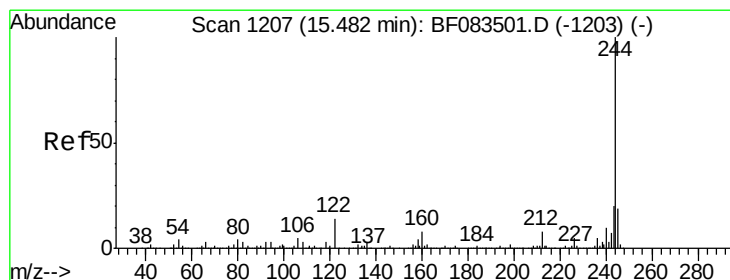
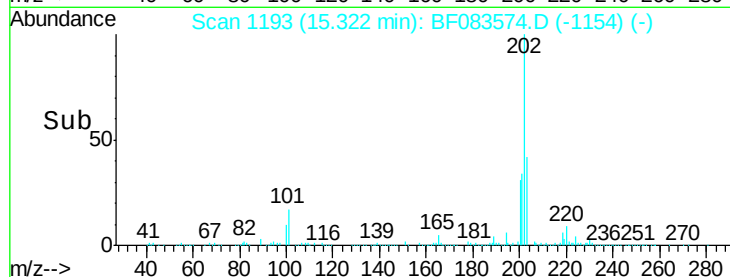
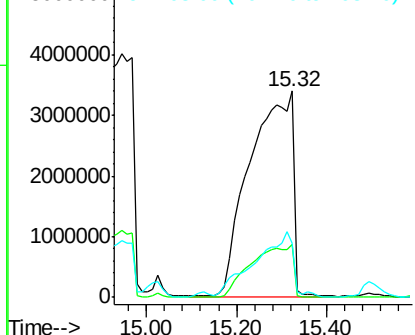
#77
 Pyrene
 Concen: 1072.56 ng
 RT: 15.32 min Scan# 1193
 Delta R.T. 0.15 min
 Lab File: BF083574.D
 Acq: 7 Dec 2015 23:57

Instrument :
 BNA_F
 ClientSampleId :
 SHED-NORTH-WALL

Tgt Ion:202 Resp:22149389
 Ion Ratio Lower Upper
 202 100
 200 26.0 16.7 25.1#
 203 26.3 14.3 21.5#

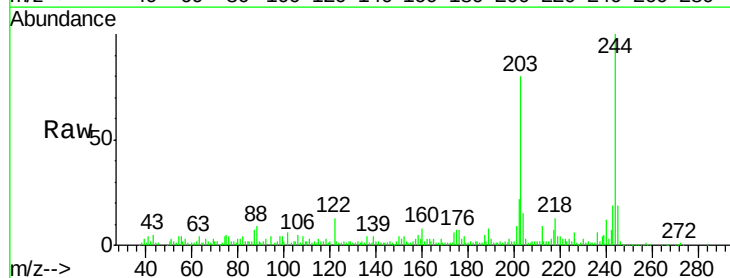


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

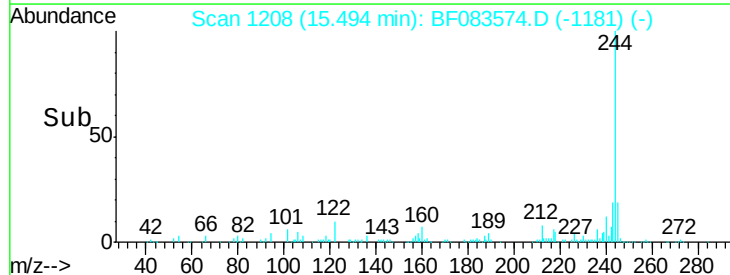
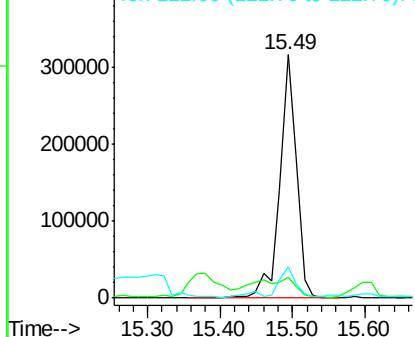


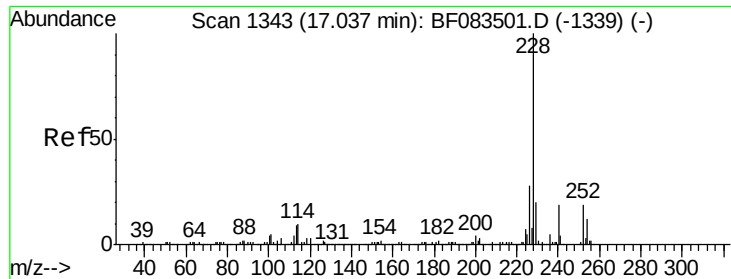
#78
 Terphenyl-d14
 Concen: 40.94 ng
 RT: 15.49 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF083574.D
 Acq: 7 Dec 2015 23:57

Tgt Ion:244 Resp: 507936
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.1 9.1
 122 12.5 11.0 16.6



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





#80

Benzo(a)anthracene

Concen: 242.99 ng

RT: 17.07 min Scan# 1346

Delta R.T. 0.03 min

Lab File: BF083574.D

Acq: 7 Dec 2015 23:57

Instrument :

BNA_F

ClientSampleId :

SHED-NORTH-WALL

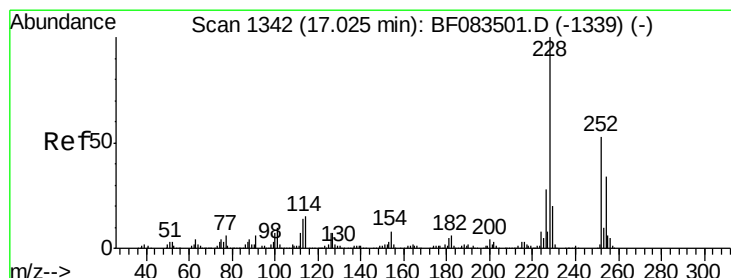
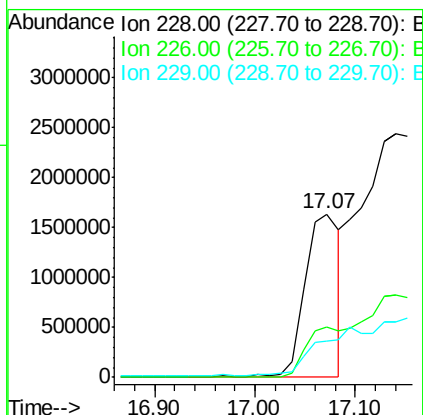
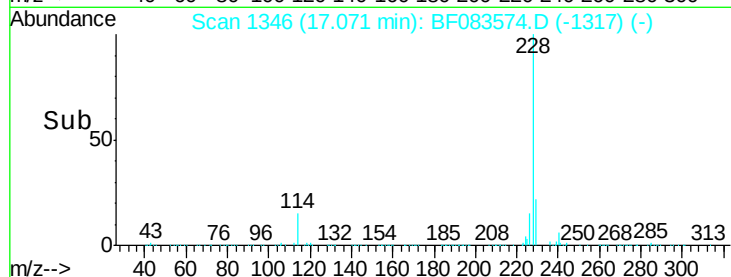
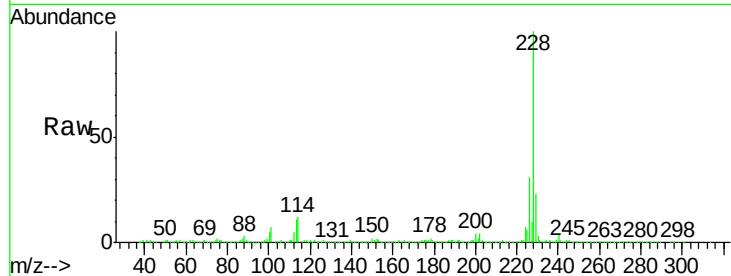
Tgt Ion:228 Resp: 3924642

Ion Ratio Lower Upper

228 100

226 30.8 22.3 33.5

229 22.6 15.7 23.5



#81

3,3'-Dichlorobenzidine

Concen: 19.60 ng

RT: 17.15 min Scan# 1353

Delta R.T. 0.13 min

Lab File: BF083574.D

Acq: 7 Dec 2015 23:57

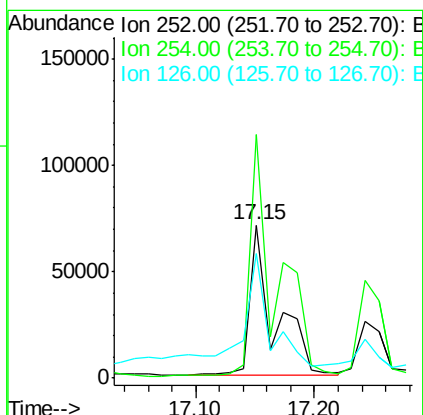
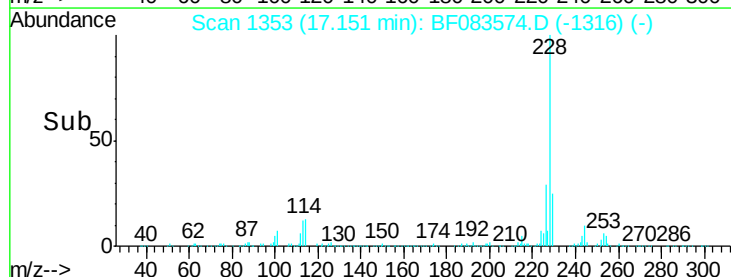
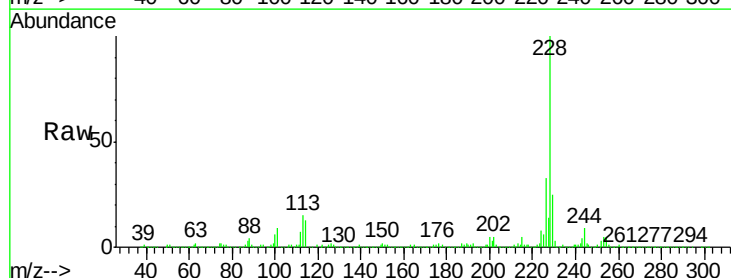
Tgt Ion:252 Resp: 101278

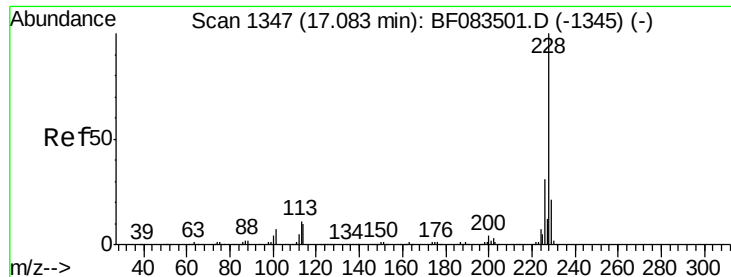
Ion Ratio Lower Upper

252 100

254 159.0 50.6 76.0#

126 81.3 11.0 16.4#

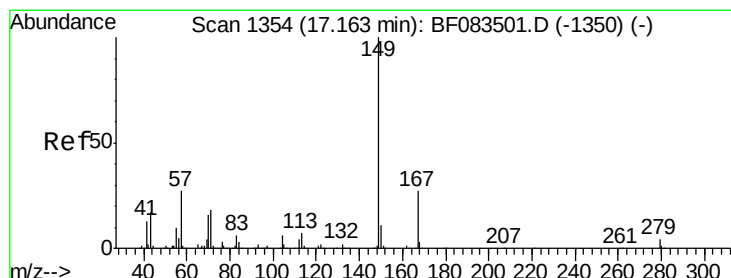
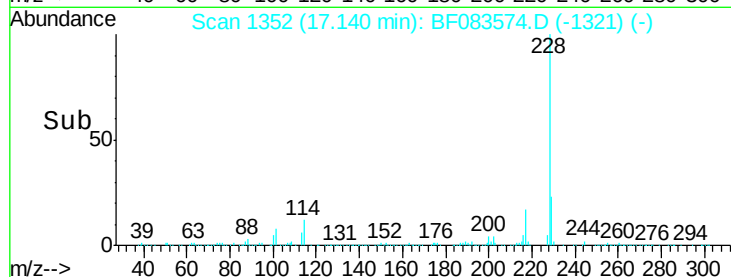
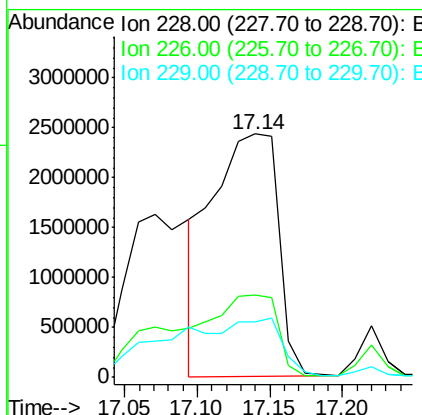
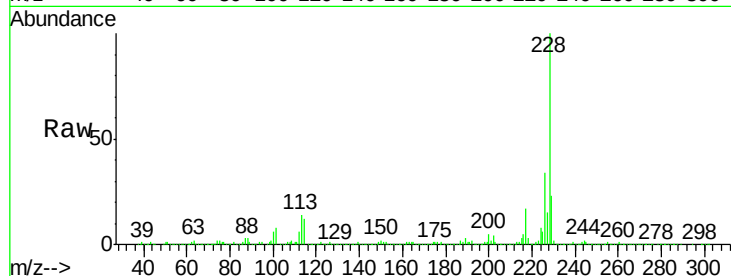




#82
Chrysene
 Concen: 477.99 ng
 RT: 17.14 min Scan# 1352
 Delta R.T. 0.06 min
 Lab File: BF083574.D
 Acq: 7 Dec 2015 23:57

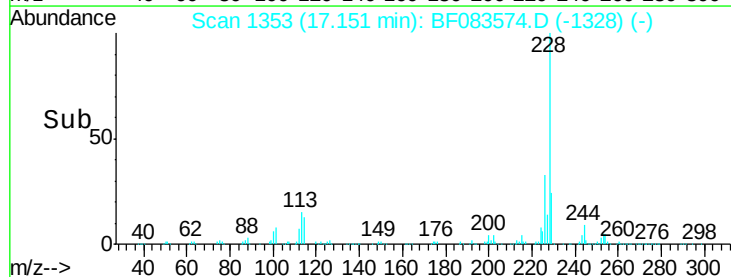
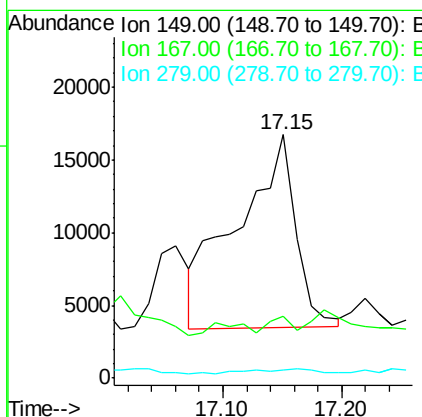
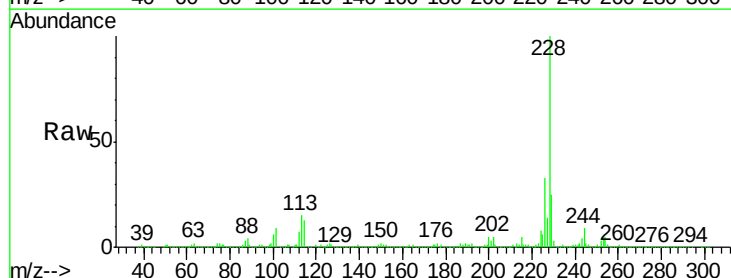
Instrument :
 BNA_F
 ClientSampleId :
 SHED-NORTH-WALL

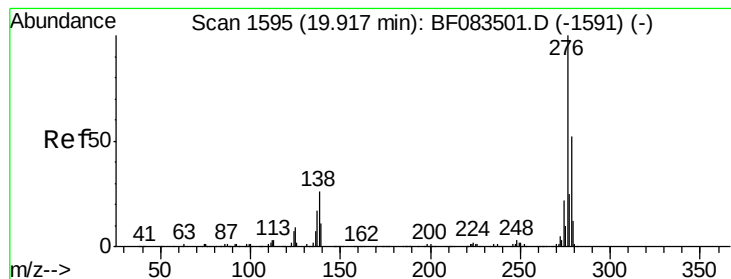
Tgt Ion:228 Resp: 7691170
 Ion Ratio Lower Upper
 228 100
 226 33.8 24.7 37.1
 229 22.9 16.3 24.5



#83
Bis(2-ethylhexyl)phthalate
 Concen: 4.29 ng
 RT: 17.15 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BF083574.D
 Acq: 7 Dec 2015 23:57

Tgt Ion:149 Resp: 45705
 Ion Ratio Lower Upper
 149 100
 167 25.6 21.8 32.8
 279 3.2 3.0 4.4





#85

Indeno(1,2,3-cd)pyrene

Concen: 66.66 ng

RT: 19.93 min Scan# 1596

Delta R.T. 0.01 min

Lab File: BF083574.D

Acq: 7 Dec 2015 23:57

Instrument :

BNA_F

ClientSampleId :

SHED-NORTH-WALL

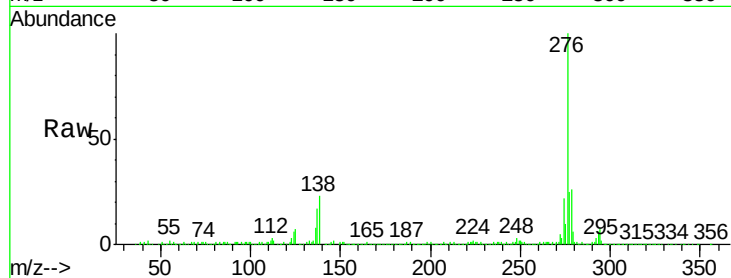
Tgt Ion:276 Resp: 919495

Ion Ratio Lower Upper

276 100

138 22.8 0.0 0.0#

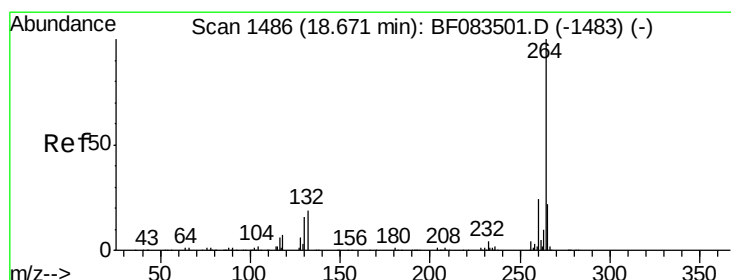
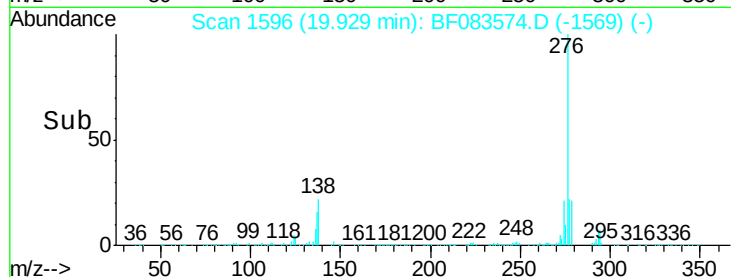
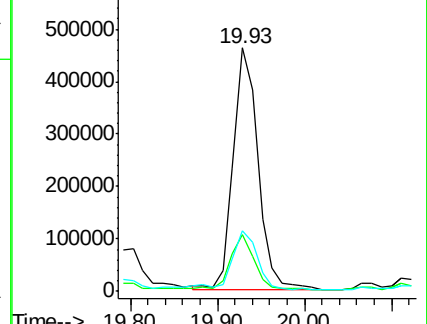
277 25.6 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 18.69 min Scan# 1488

Delta R.T. 0.02 min

Lab File: BF083574.D

Acq: 7 Dec 2015 23:57

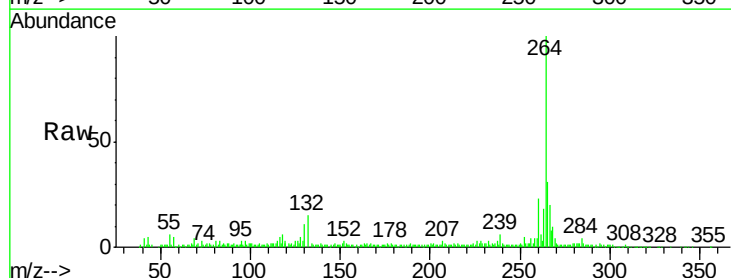
Tgt Ion:264 Resp: 234052

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.0

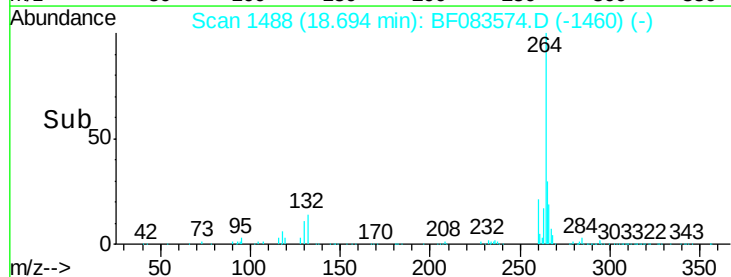
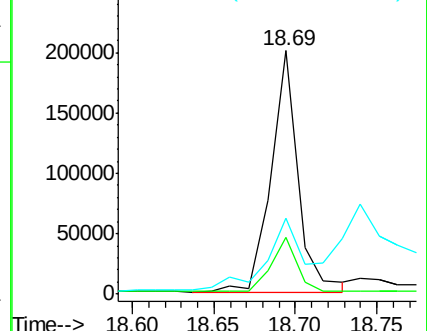
265 31.4 17.8 26.6#

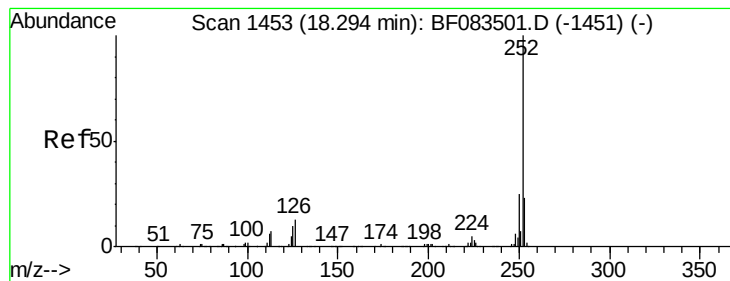


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 28.40 ng

RT: 18.43 min Scan# 1465

Delta R.T. 0.14 min

Lab File: BF083574.D

Acq: 7 Dec 2015 23:57

Instrument :

BNA_F

ClientSampleId :

SHED-NORTH-WALL

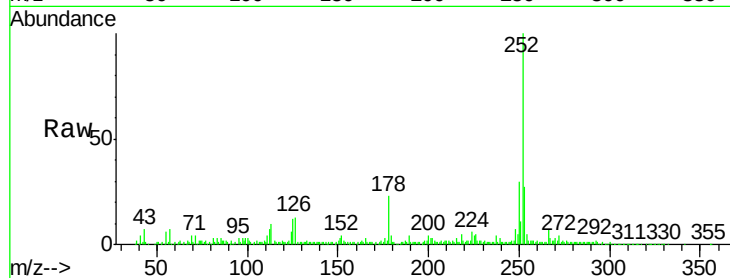
Tgt Ion:252 Resp: 373307

Ion Ratio Lower Upper

252 100

253 26.6 18.2 27.4

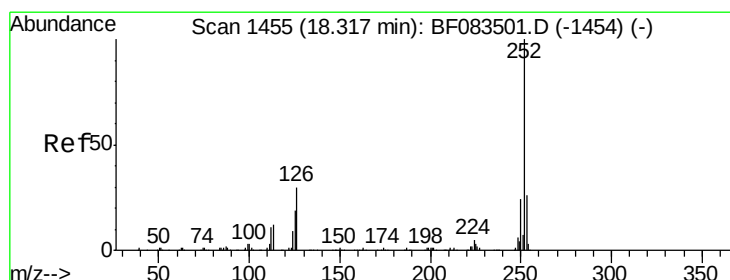
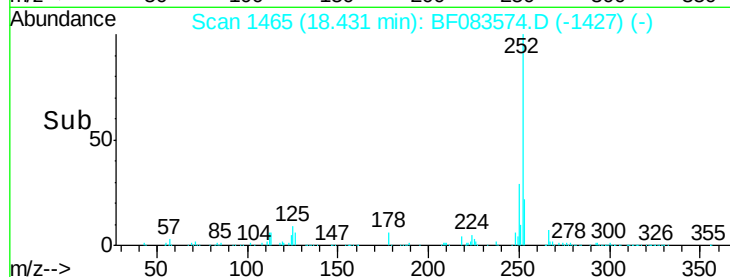
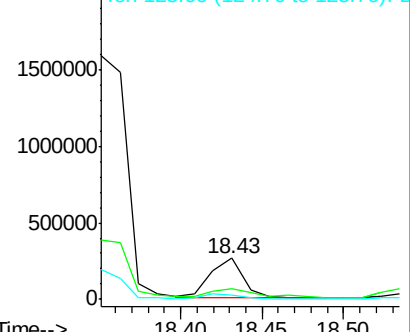
125 11.6 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 512.40 ng

RT: 18.34 min Scan# 1457

Delta R.T. 0.02 min

Lab File: BF083574.D

Acq: 7 Dec 2015 23:57

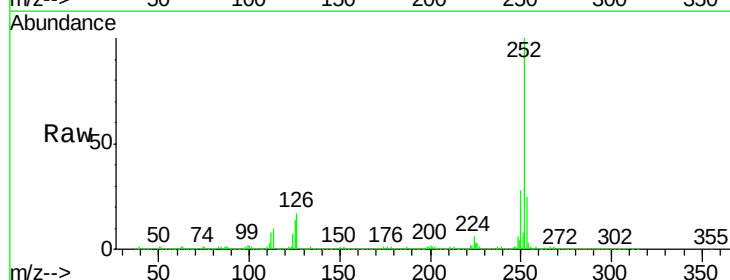
Tgt Ion:252 Resp: 6899559

Ion Ratio Lower Upper

252 100

253 25.1 18.6 27.8

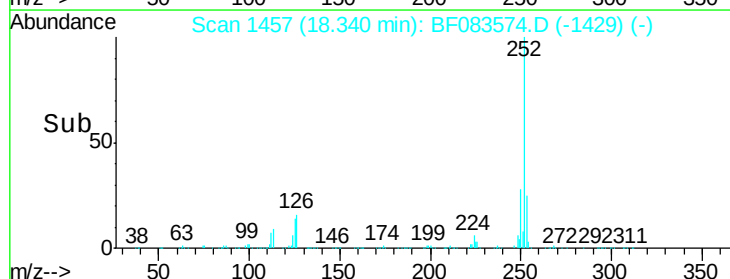
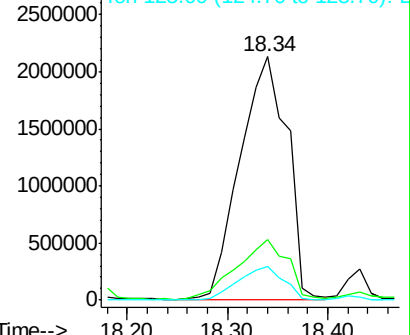
125 13.8 11.5 17.3

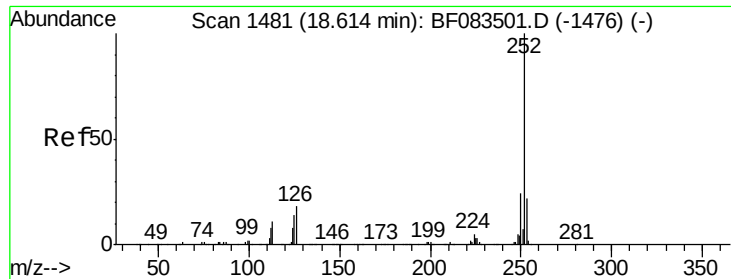


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 28.09 ng

RT: 18.72 min Scan# 1490

Delta R.T. 0.10 min

Lab File: BF083574.D

Acq: 7 Dec 2015 23:57

Instrument :

BNA_F

ClientSampleId :

SHED-NORTH-WALL

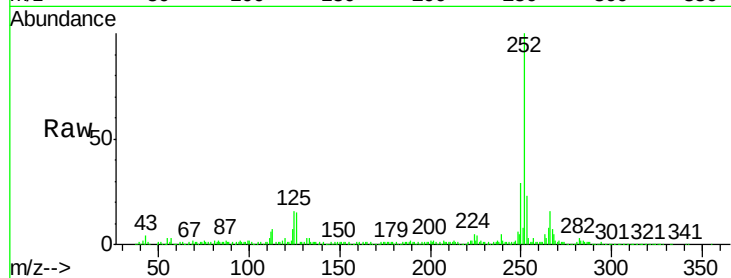
Tgt Ion:252 Resp: 359105

Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

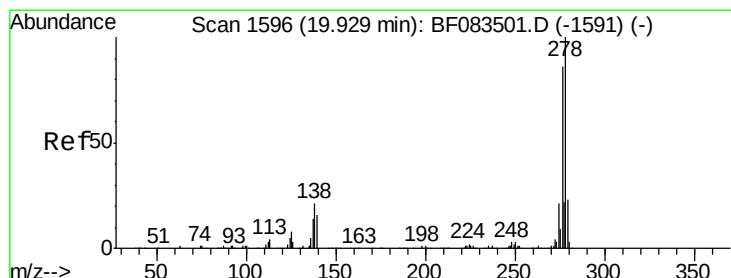
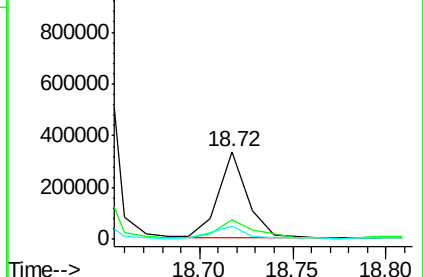
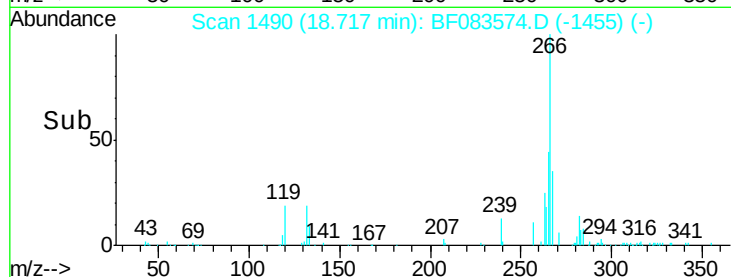
125 15.8 11.0 16.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 14.20 ng

RT: 20.11 min Scan# 1612

Delta R.T. 0.18 min

Lab File: BF083574.D

Acq: 7 Dec 2015 23:57

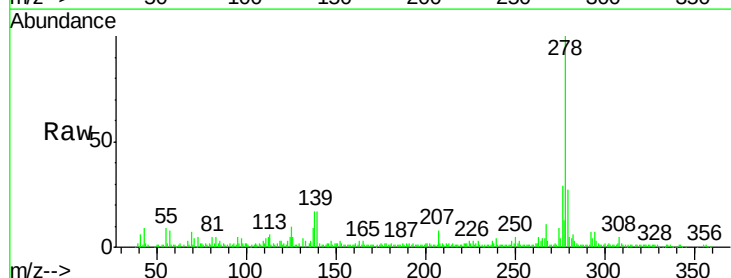
Tgt Ion:278 Resp: 174622

Ion Ratio Lower Upper

278 100

139 17.0 12.8 19.2

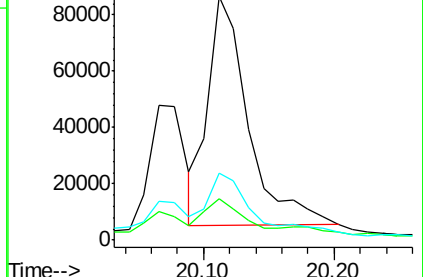
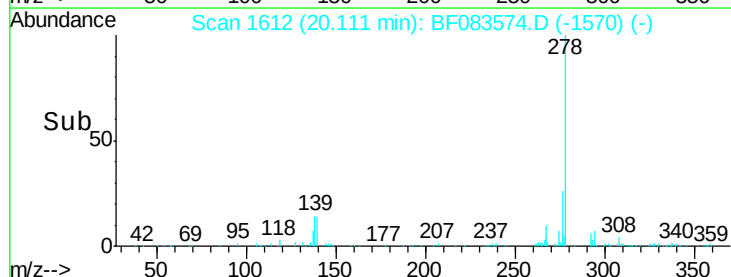
279 27.4 18.6 28.0

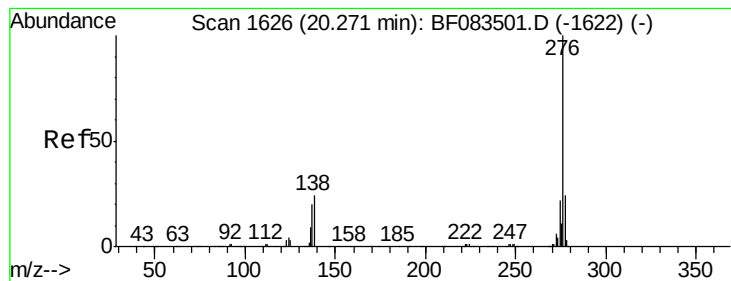


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 56.31 ng

RT: 20.29 min Scan# 1628

Delta R.T. 0.02 min

Lab File: BF083574.D

Acq: 7 Dec 2015 23:57

Instrument :

BNA_F

ClientSampleId :

SHED-NORTH-WALL

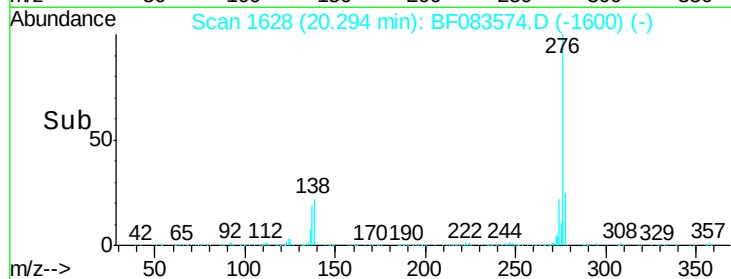
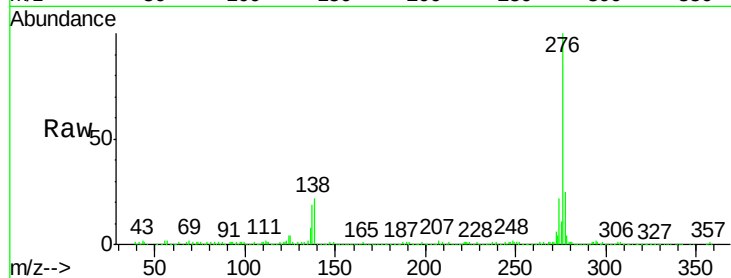
Tgt Ion: 276 Resp: 698066

Ion Ratio Lower Upper

276 100

277 25.4 19.2 28.8

138 22.0 19.5 29.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

