

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120715\
 Data File : BF083576.D
 Acq On : 8 Dec 2015 00:57
 Operator : UM/IZ
 Sample : G4579-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SHED-SOUTH-WALL

Quant Time: Dec 08 03:50:47 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	128487	20.00	ng	-0.05
21) Naphthalene-d8	7.63	136	450904	20.00	ng	-0.05
38) Acenaphthene-d10	10.44	164	196304	20.00	ng	-0.02
63) Phenanthrene-d10	12.92	188	51395	20.00	ng	0.07
75) Chrysene-d12	17.20	240	174402	20.00	ng	0.15
86) Perylene-d12	18.88	264	39696	20.00	ng	0.21

System Monitoring Compounds

5) 2-Fluorophenol	4.00	112	265849	31.39	ng	-0.03
7) Phenol-d6	5.29	99	402170	34.47	ng	-0.03
23) Nitrobenzene-d5	6.54	82	223332	23.15	ng	-0.06
41) 2,4,6-Tribromophenol	11.79	330	40289	22.25	ng	0.03
44) 2-Fluorobiphenyl	9.37	172	342959	23.70	ng	-0.06
78) Terphenyl-d14	15.60	244	301655	38.49	ng	0.11

Target Compounds

						Qvalue
9) Benzaldehyde	5.13	77	32808	4.90	ng	98
10) Phenol	5.31	94	255745	18.74	ng	# 75
17) 2-Methylphenol	6.17	107	175871	22.62	ng	# 86
18) Hexachloroethane	6.50	117	14117	3.79	ng	# 3
19) n-Nitroso-di-n-propylamine	6.54	70	27939	3.59	ng	# 85
20) 3+4-Methylphenols	6.41	107	517343	51.23	ng	91
22) Acetophenone	6.34	105	33759	2.60	ng	# 95
24) Nitrobenzene	6.41	77	192973	18.16	ng	# 53
27) 2,4-Dimethylphenol	7.20	122	433343	58.50	ng	96
31) Naphthalene	7.68	128	6058061	252.41	ng	# 94
32) Benzoic acid	7.44	122	236162	54.90	ng	# 25
33) 4-Chloroaniline	7.68	127	871790	92.85	ng	# 28
37) 2-Methylnaphthalene	8.78	142	3426428	230.87	ng	97
45) 1,1'-Biphenyl	9.53	154	2437689	139.74	ng	98
47) 2-Nitroaniline	9.79	65	29268	6.25	ng	# 30
48) Acenaphthylene	10.20	152	1917322	89.08	ng	97
51) Acenaphthene	10.56	154	13222795	1067.56	ng	96
52) 3-Nitroaniline	10.52	138	15216	4.34	ng	# 48
53) 2,4-Dinitrophenol	10.76	184	1451	8.36	ng	# 1
54) Dibenzofuran	10.83	168	13634847	794.57	ng	# 86
55) 4-Nitrophenol	10.83	139	5827622	2949.86	ng	# 6
56) 2,4-Dinitrotoluene	10.82	165	43497	10.24	ng	# 1
57) Fluorene	11.43	166	16592836	1111.45	ng	# 96
61) 4-Nitroaniline	11.43	138	210557	66.26	ng	# 27
62) Azobenzene	11.64	77	188450	11.88	ng	# 1
64) 4,6-Dinitro-2-methylphenol	11.59	198	1607	7.78	ng	# 1
65) n-Nitrosodiphenylamine	11.65	169	308500	181.30	ng	# 53
70) Phenanthrene	13.19	178	80862702	27030.40	ng	# 77
71) Anthracene	13.19	178	87429558	28656.29	ng	# 77
72) Carbazole	13.44	167	12527189	4781.60	ng	# 90
73) Di-n-butylphthalate	13.97	149	18159	5.76	ng	# 1
74) Fluoranthene	15.05	202	46852580	15802.47	ng	88
76) Benzidine	15.14	184	13914	2.21	ng	# 1
77) Pyrene	15.49	202	43841422	3360.43	ng	# 73

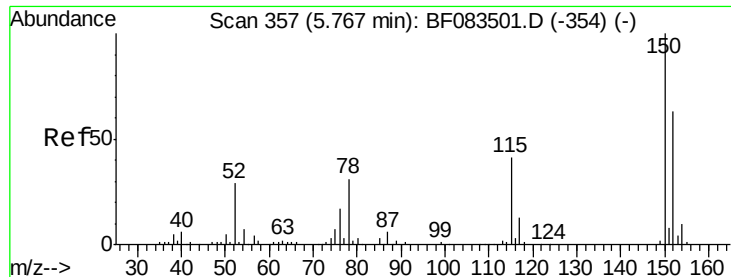
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120715\
 Data File : BF083576.D
 Acq On : 8 Dec 2015 00:57
 Operator : UM/IZ
 Sample : G4579-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SHED-SOUTH-WALL

Quant Time: Dec 08 03:50:47 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)
79) Butylbenzylphthalate	16.43	149	16551	3.23	ng	# 1
80) Benzo(a)anthracene	17.21	228	21843159	2140.65	ng	# 87
81) 3,3'-Dichlorobenzidine	17.24	252	139448	42.73	ng	# 1
82) Chrysene	17.21	228	21843159	2148.78	ng	# 92
85) Indeno(1,2,3-cd)pyrene	20.09	276	45675	5.24	ng	# 100
87) Benzo(b)fluoranthene	18.47	252	778917	349.40	ng	# 88
88) Benzo(k)fluoranthene	18.63	252	3115706	1364.31	ng	97
89) Benzo(a)pyrene	18.75	252	824468	380.21	ng	92
90) Dibenzo(a,h)anthracene	20.15	278	326656	156.57	ng	# 94
91) Benzo(g,h,i)perylene	20.33	276	1089082	518.01	ng	95

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

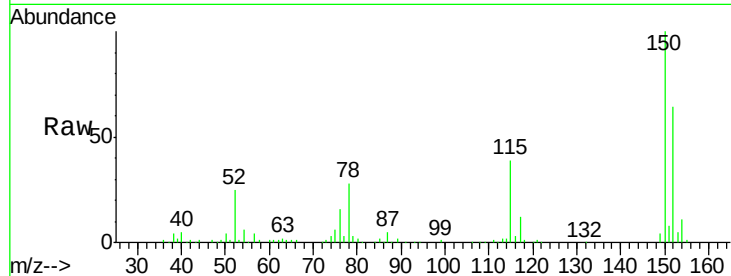


#1

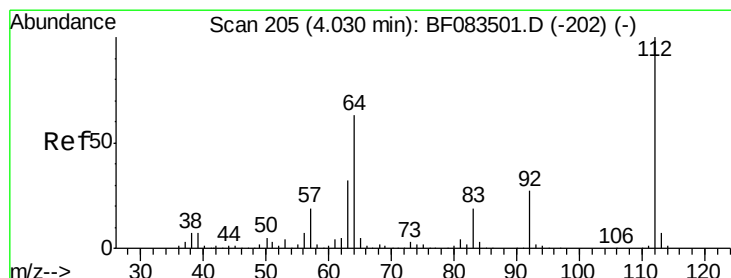
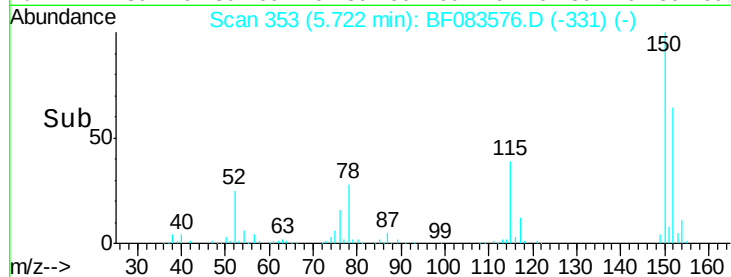
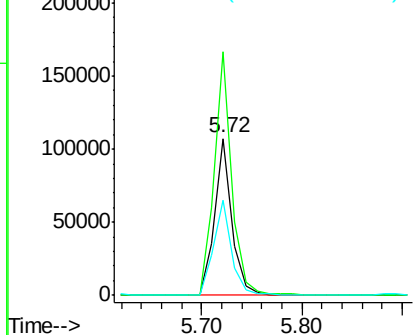
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.72 min Scan# 353
Delta R.T. -0.05 min
Lab File: BF083576.D
Acq: 8 Dec 2015 00:57

Instrument :
BNA_F
ClientSampleId :
SHED-SOUTH-WALL

Tgt Ion:152 Resp: 128487
Ion Ratio Lower Upper
152 100
150 155.1 126.5 189.7
115 60.5 52.3 78.5



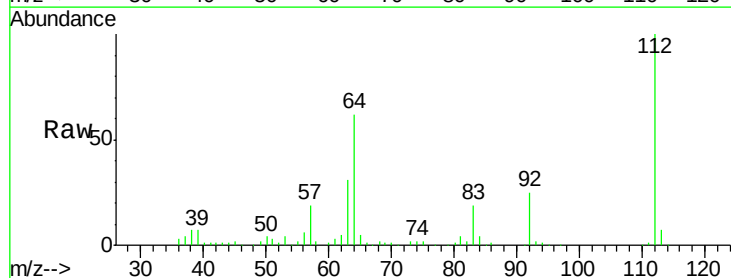
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



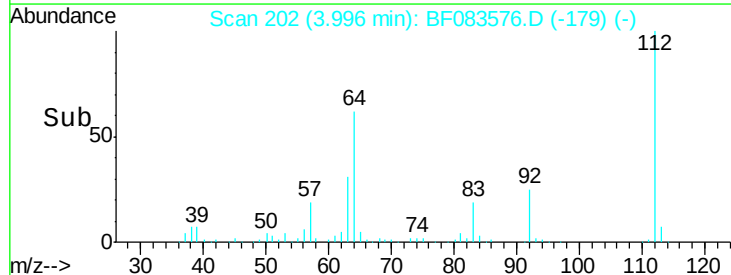
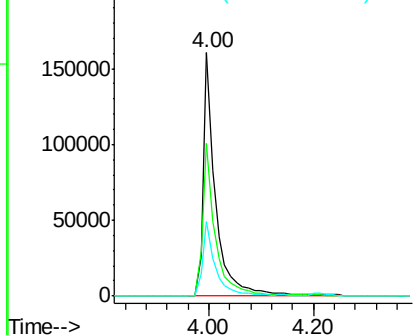
#5

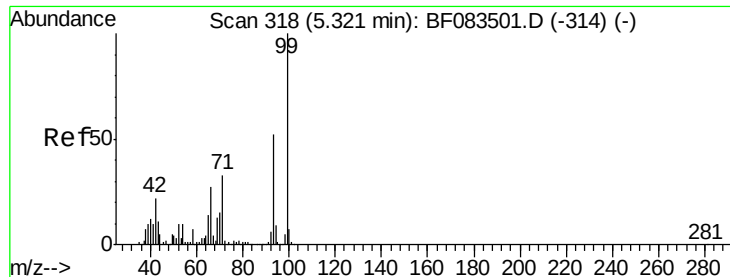
2-Fluorophenol
Concen: 31.39 ng
RT: 4.00 min Scan# 202
Delta R.T. -0.03 min
Lab File: BF083576.D
Acq: 8 Dec 2015 00:57

Tgt Ion:112 Resp: 265849
Ion Ratio Lower Upper
112 100
64 62.5 50.5 75.7
63 30.5 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: 34.47 ng

RT: 5.29 min Scan# 315

Delta R.T. -0.03 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

Instrument :

BNA_F

ClientSampleId :

SHED-SOUTH-WALL

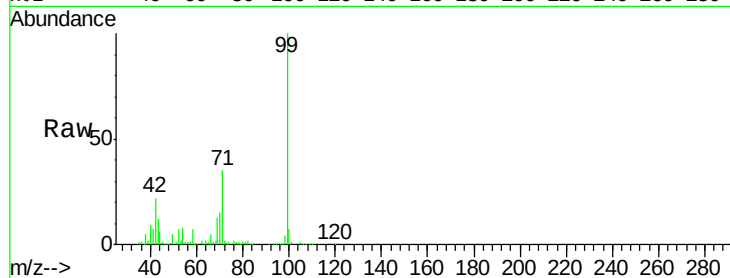
Tgt Ion: 99 Resp: 402170

Ion Ratio Lower Upper

99 100

42 21.9 17.3 25.9

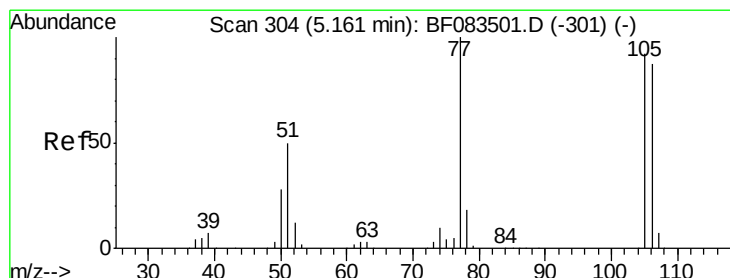
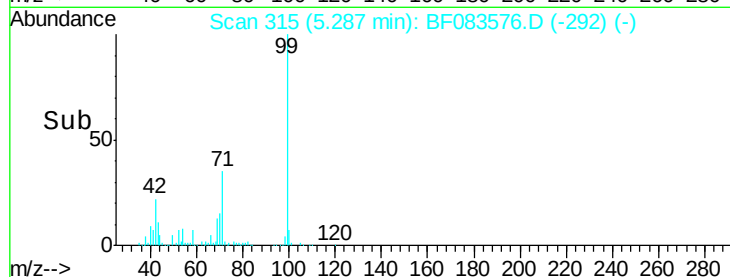
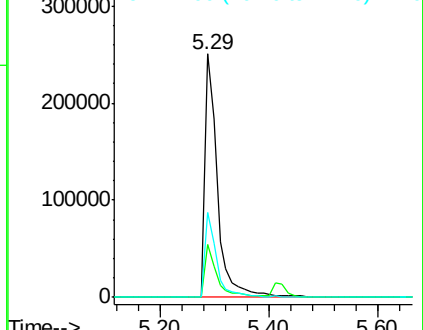
71 34.8 26.6 40.0



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



#9

Benzaldehyde

Concen: 4.90 ng

RT: 5.13 min Scan# 301

Delta R.T. -0.03 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

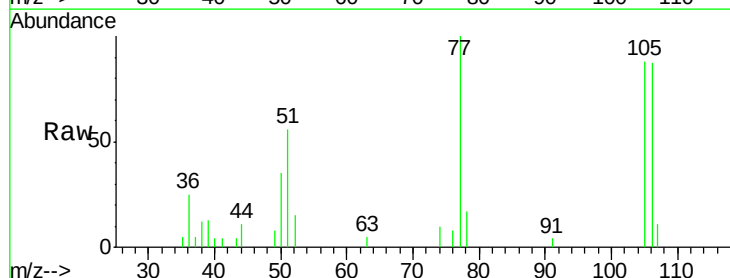
Tgt Ion: 77 Resp: 32808

Ion Ratio Lower Upper

77 100

105 88.3 71.8 111.8

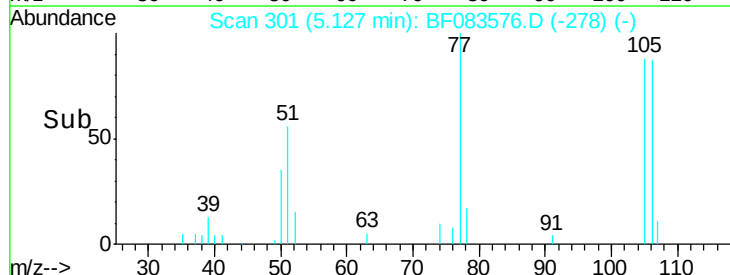
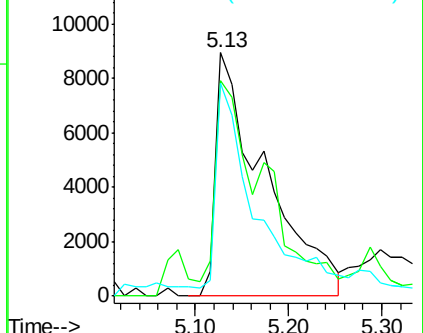
106 87.3 66.8 106.8

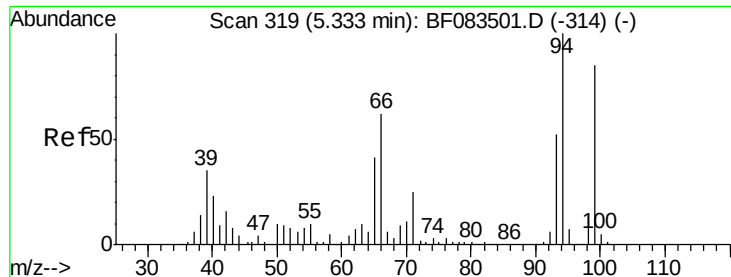


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0





#10

Phenol

Concen: 18.74 ng

RT: 5.31 min Scan# 317

Delta R.T. -0.02 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

Instrument :

BNA_F

ClientSampleId :

SHED-SOUTH-WALL

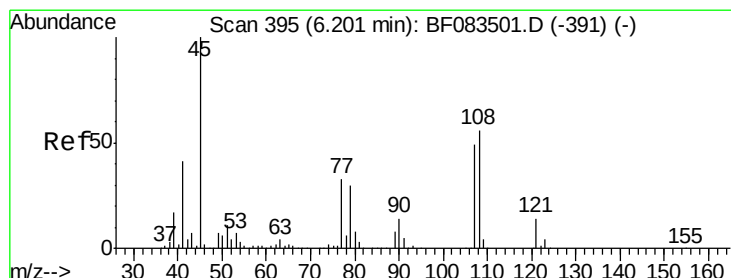
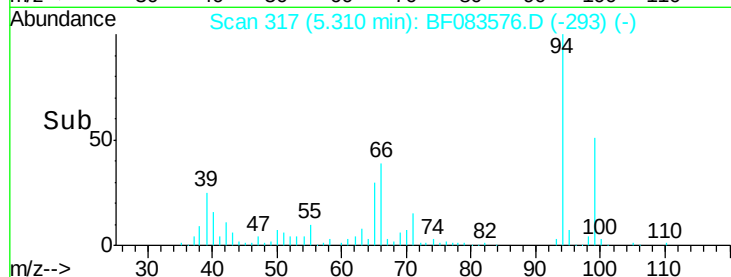
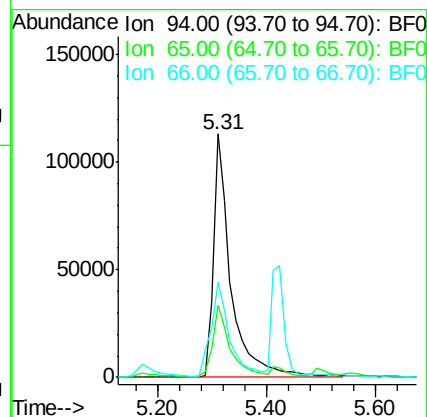
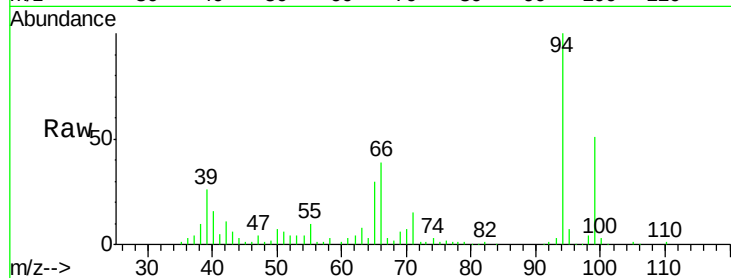
Tgt Ion: 94 Resp: 255745

Ion Ratio Lower Upper

94 100

65 29.6 20.9 60.9

66 38.9 41.6 81.6#



#17

2-Methylphenol

Concen: 22.62 ng

RT: 6.17 min Scan# 392

Delta R.T. -0.03 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

Tgt Ion: 107 Resp: 175871

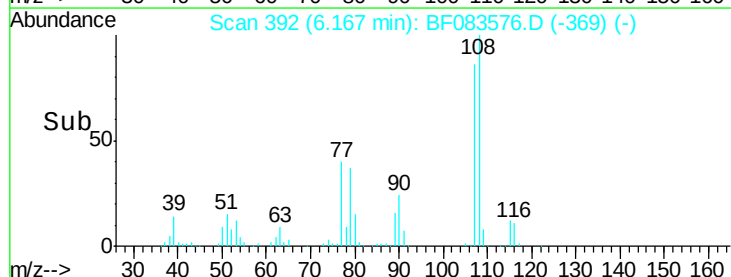
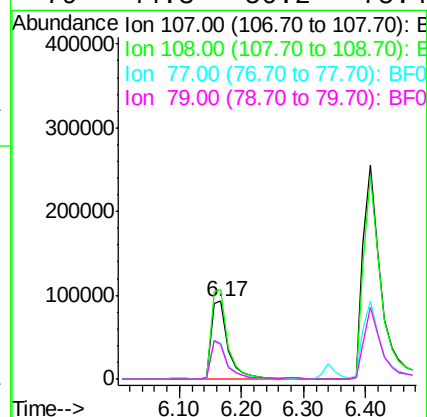
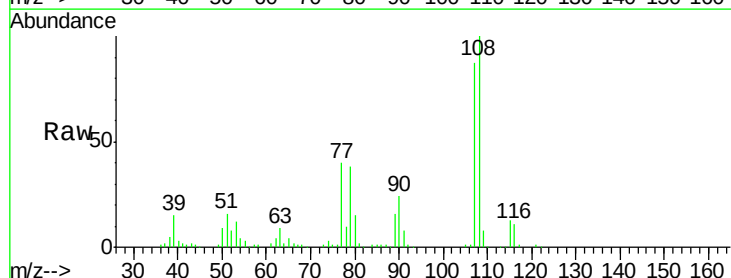
Ion Ratio Lower Upper

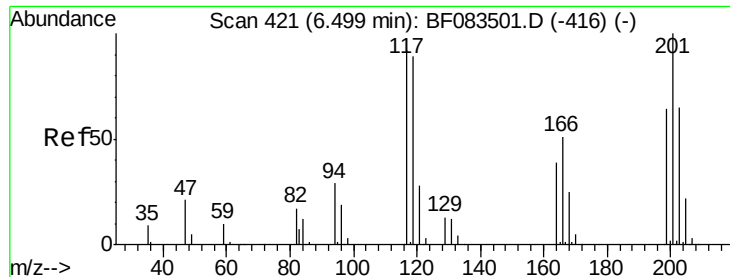
107 100

108 115.4 91.6 137.4

77 46.6 53.7 80.5#

79 44.3 50.2 75.4#

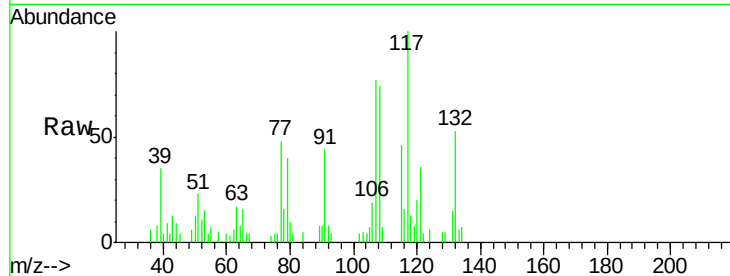




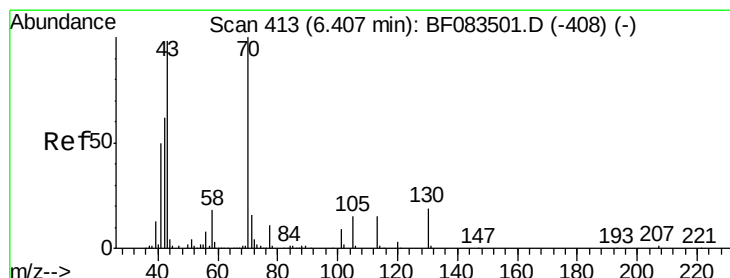
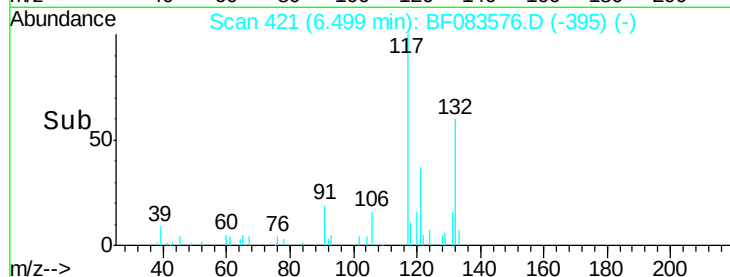
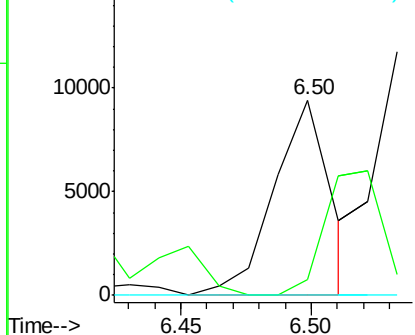
#18
Hexachloroethane
Concen: 3.79 ng
RT: 6.50 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF083576.D
Acq: 8 Dec 2015 00:57

Instrument :
BNA_F
ClientSampleId :
SHED-SOUTH-WALL

Tgt Ion: 117 Resp: 14117
Ion Ratio Lower Upper
117 100
119 8.0 77.2 115.8#
201 0.0 86.8 130.2#

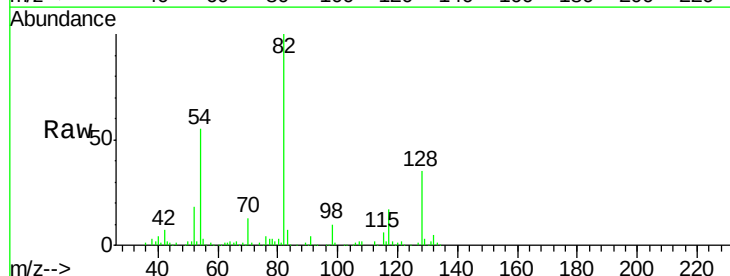


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

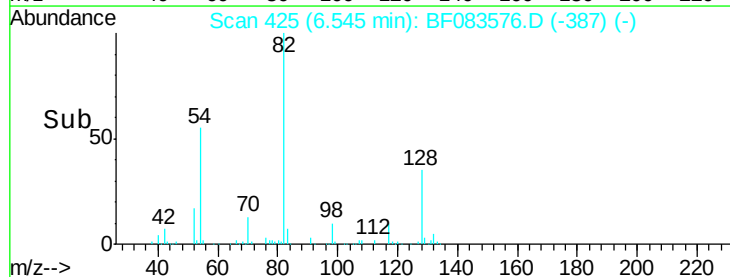
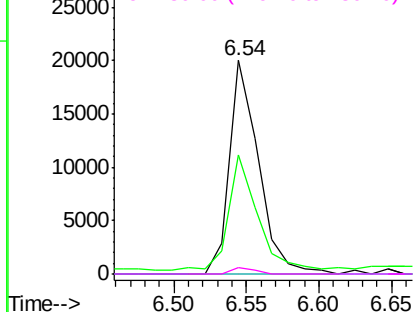


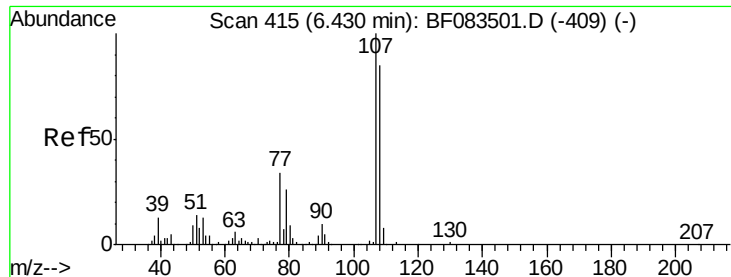
#19
n-Nitroso-di-n-propylamine
Concen: 3.59 ng
RT: 6.54 min Scan# 425
Delta R.T. 0.14 min
Lab File: BF083576.D
Acq: 8 Dec 2015 00:57

Tgt Ion: 70 Resp: 27939
Ion Ratio Lower Upper
70 100
42 55.5 49.2 73.8
101 0.0 7.1 10.7#
130 3.1 15.4 23.0#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

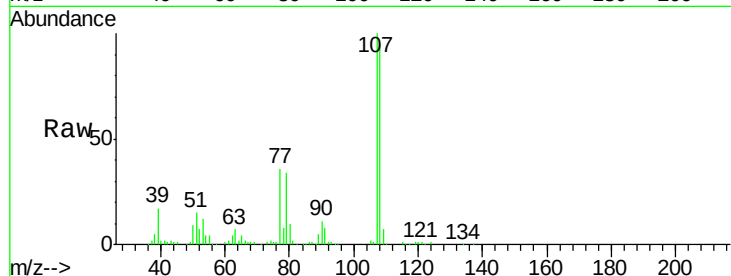




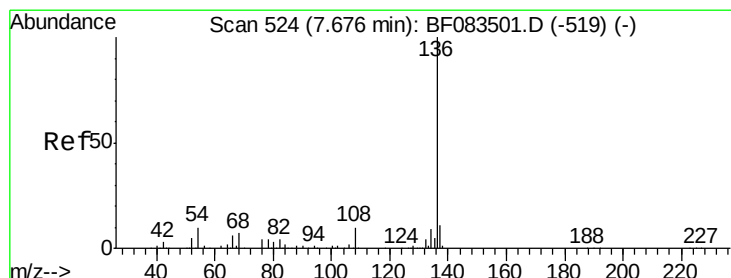
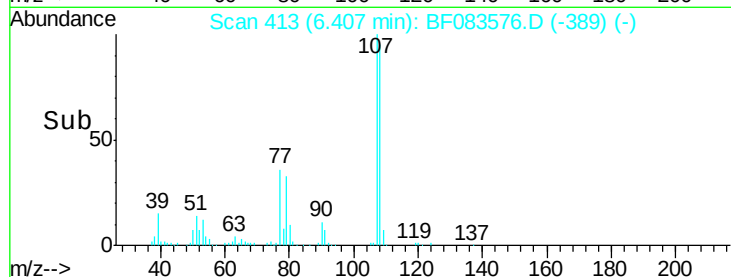
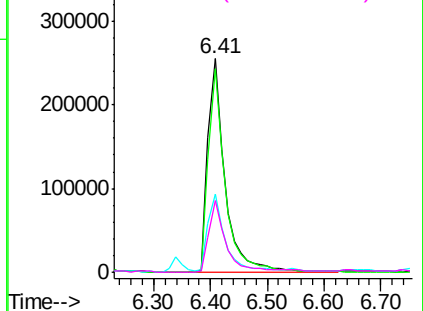
#20
3+4-Methylphenols
Concen: 51.23 ng
RT: 6.41 min Scan# 413
Delta R.T. -0.02 min
Lab File: BF083576.D
Acq: 8 Dec 2015 00:57

Instrument :
BNA_F
ClientSampleId :
SHED-SOUTH-WALL

Tgt Ion:	107	Resp:	517343
Ion	Ratio	Lower	Upper
107	100		
108	95.0	65.2	105.2
77	36.3	15.2	55.2
79	33.5	6.0	46.0

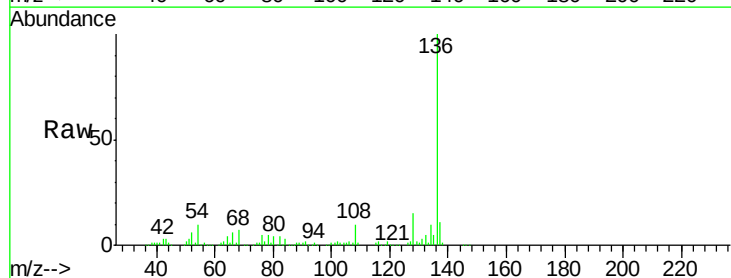


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

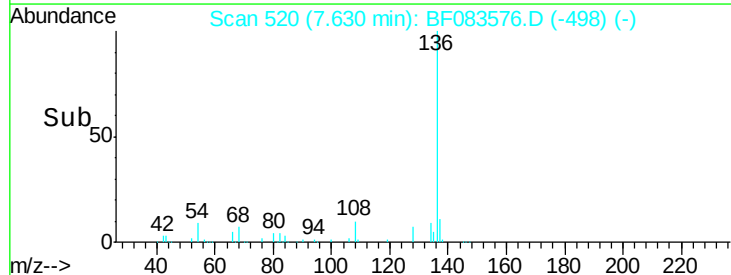
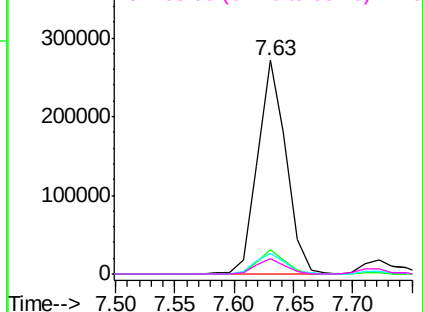


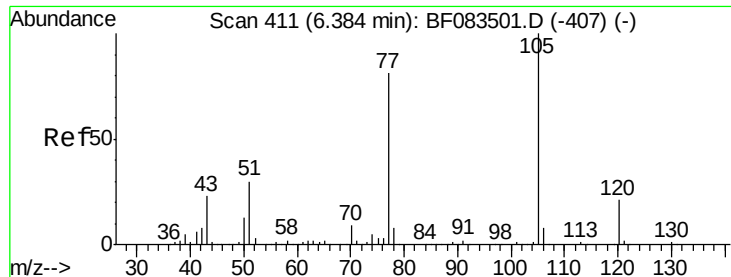
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.63 min Scan# 520
Delta R.T. -0.05 min
Lab File: BF083576.D
Acq: 8 Dec 2015 00:57

Tgt Ion:	136	Resp:	450904
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	9.9	7.8	11.6
68	7.2	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





#22

Acetophenone

Concen: 2.60 ng

RT: 6.34 min Scan# 407

Delta R.T. -0.05 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

Instrument :

BNA_F

ClientSampleId :

SHED-SOUTH-WALL

Tgt Ion: 105 Resp: 33759

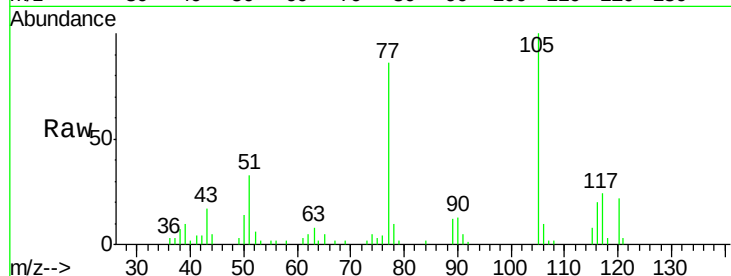
Ion Ratio Lower Upper

105 100

71 0.0 1.3 1.9#

51 33.1 23.8 35.8

120 22.1 16.7 25.1

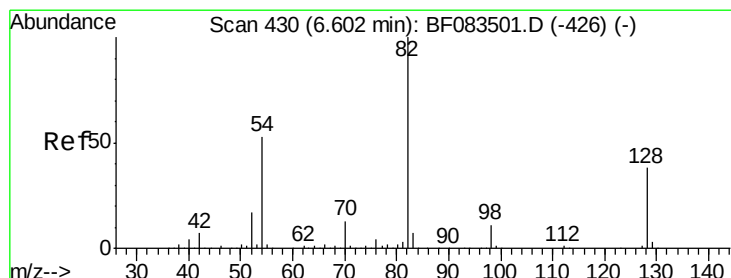
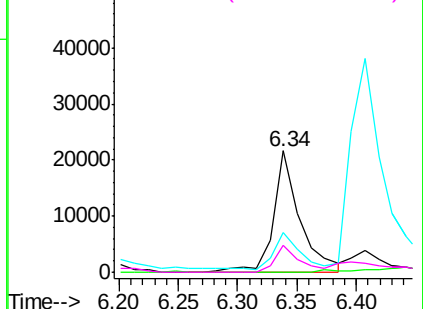
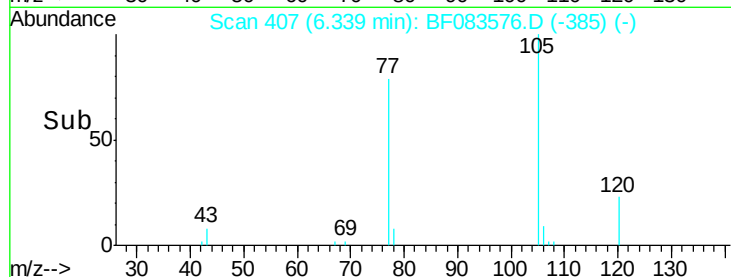


Abundance Ion 105.00 (104.70 to 105.70): E

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: 23.15 ng

RT: 6.54 min Scan# 425

Delta R.T. -0.06 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

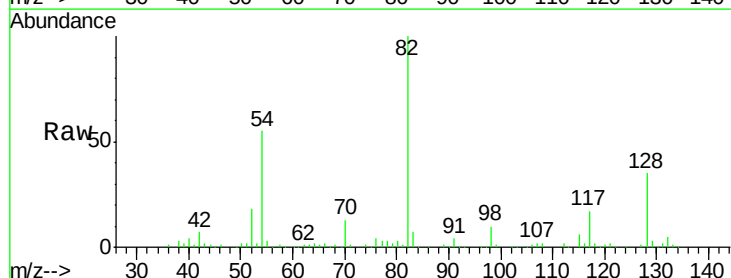
Tgt Ion: 82 Resp: 223332

Ion Ratio Lower Upper

82 100

128 35.4 30.7 46.1

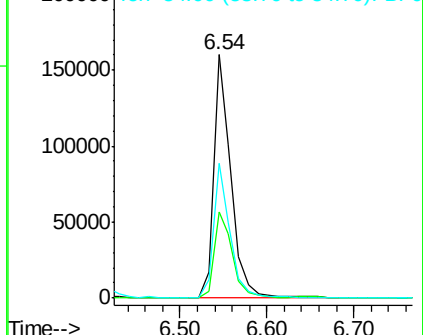
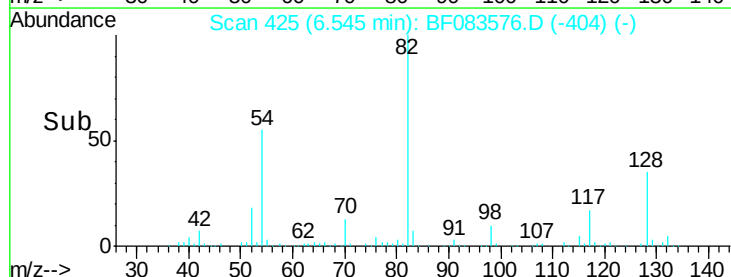
54 55.2 42.5 63.7

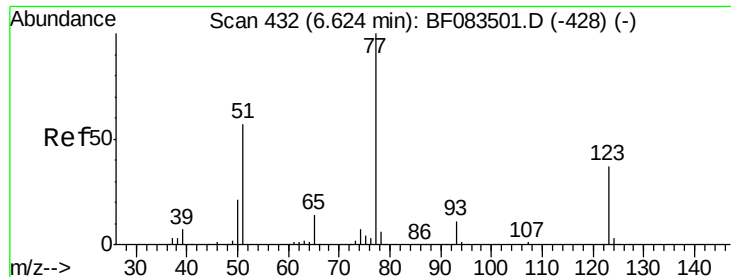


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

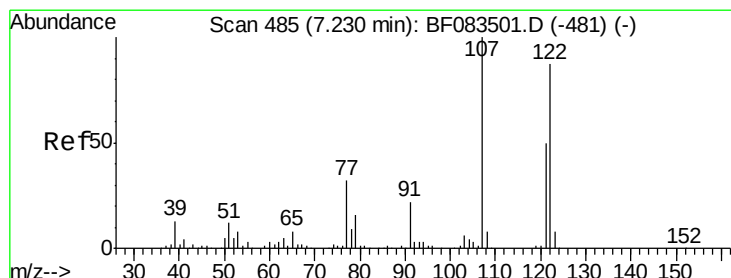
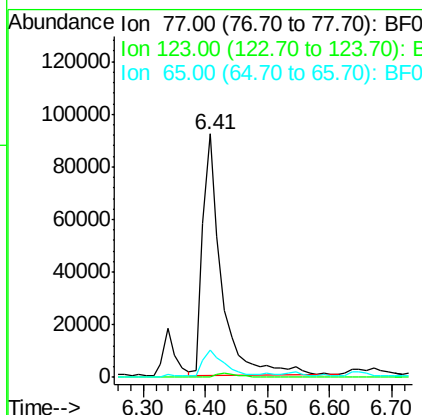
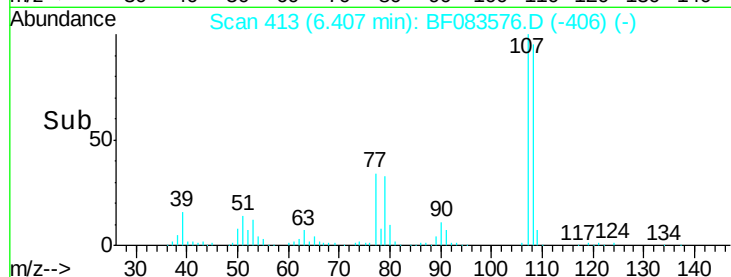
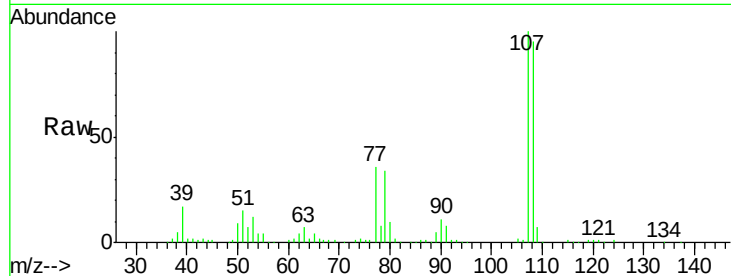




#24
 Nitrobenzene
 Concen: 18.16 ng
 RT: 6.41 min Scan# 413
 Delta R.T. -0.22 min
 Lab File: BF083576.D
 Acq: 8 Dec 2015 00:57

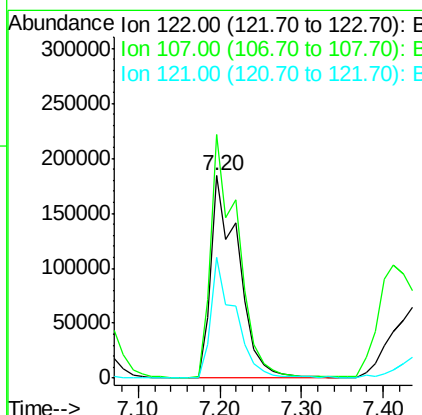
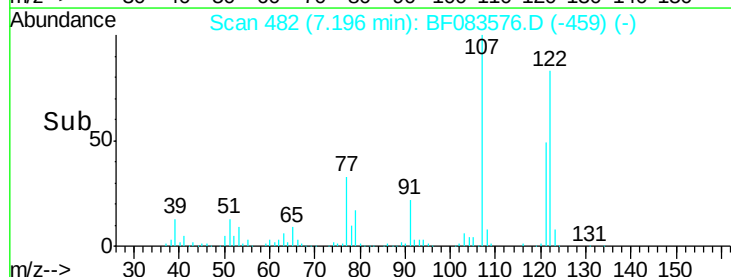
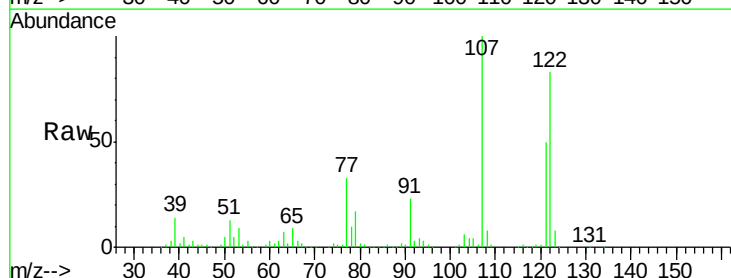
Instrument :
 BNA_F
 ClientSampleId :
 SHED-SOUTH-WALL

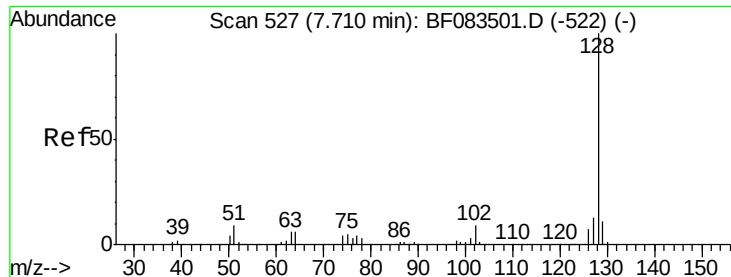
Tgt Ion: 77 Resp: 192973
 Ion Ratio Lower Upper
 77 100
 123 0.0 29.8 44.6#
 65 11.1 11.1 16.7#



#27
 2,4-Dimethylphenol
 Concen: 58.50 ng
 RT: 7.20 min Scan# 482
 Delta R.T. -0.03 min
 Lab File: BF083576.D
 Acq: 8 Dec 2015 00:57

Tgt Ion: 122 Resp: 433343
 Ion Ratio Lower Upper
 122 100
 107 120.2 92.4 138.6
 121 59.8 45.8 68.6

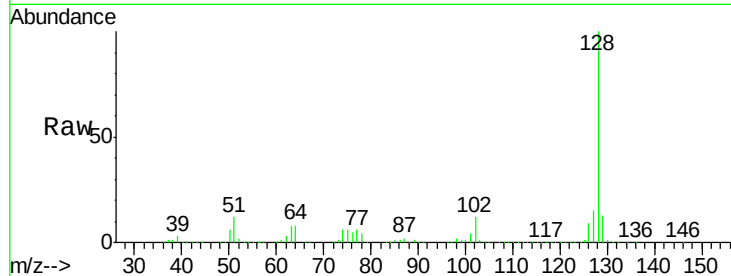




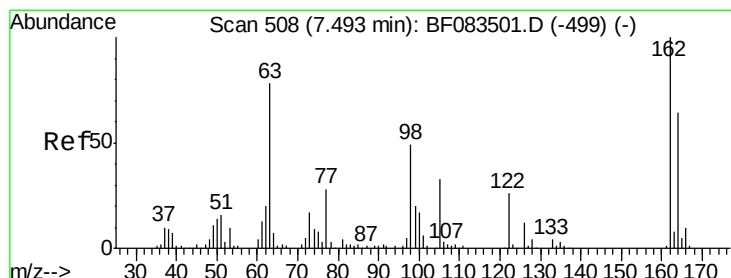
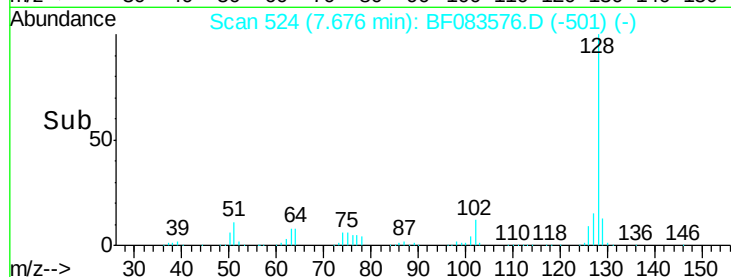
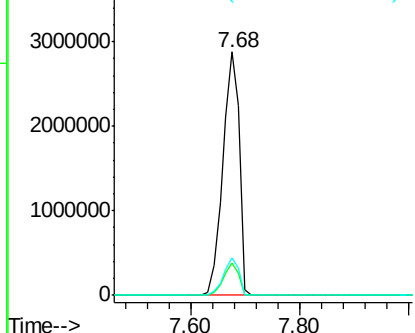
#31
Naphthalene
Concen: 252.41 ng
RT: 7.68 min Scan# 524
Delta R.T. -0.03 min
Lab File: BF083576.D
Acq: 8 Dec 2015 00:57

Instrument :
BNA_F
ClientSampleId :
SHED-SOUTH-WALL

Tgt Ion:128 Resp: 6058061
Ion Ratio Lower Upper
128 100
129 13.3 8.6 13.0#
127 15.2 10.6 16.0

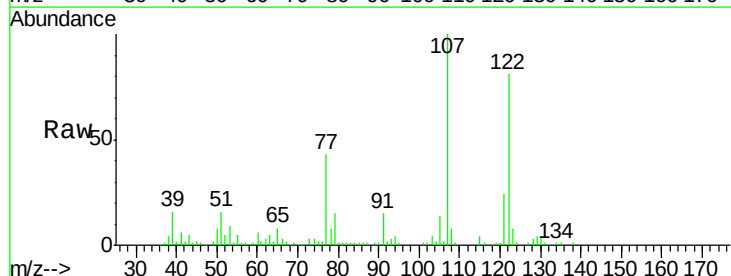


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

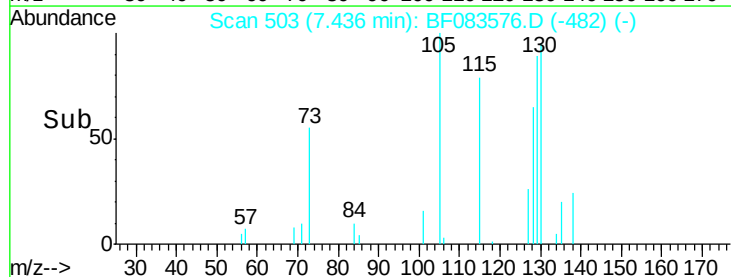
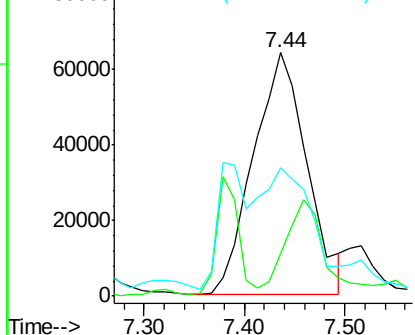


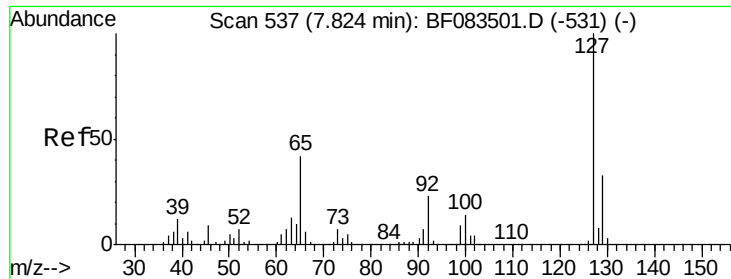
#32
Benzoic acid
Concen: 54.90 ng
RT: 7.44 min Scan# 503
Delta R.T. -0.06 min
Lab File: BF083576.D
Acq: 8 Dec 2015 00:57

Tgt Ion:122 Resp: 236162
Ion Ratio Lower Upper
122 100
105 17.7 105.6 145.6#
77 52.6 86.8 126.8#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

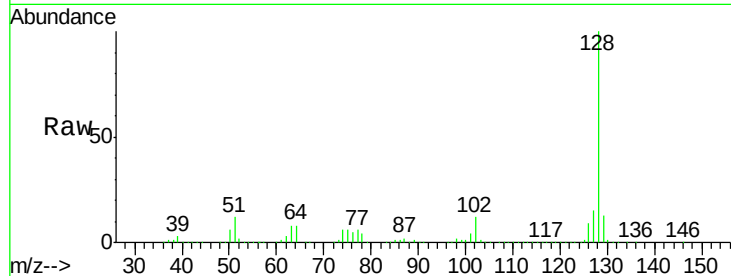




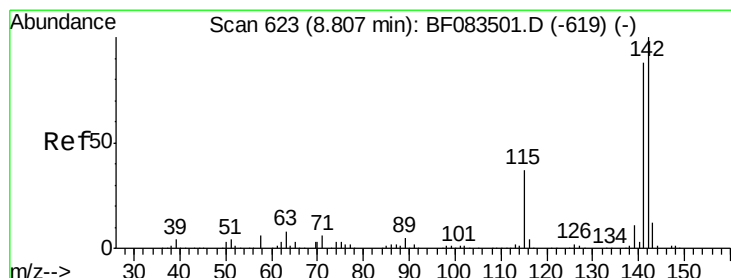
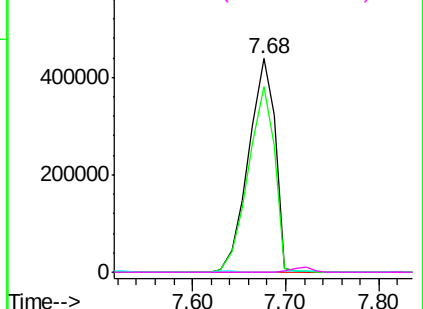
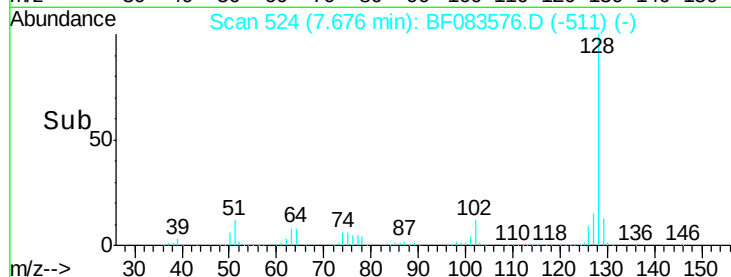
#33
4-Chloroaniline
Concen: 92.85 ng
RT: 7.68 min Scan# 524
Delta R.T. -0.15 min
Lab File: BF083576.D
Acq: 8 Dec 2015 00:57

Instrument :
BNA_F
ClientSampleId :
SHED-SOUTH-WALL

Tgt Ion:	127	Resp:	871790
Ion	Ratio	Lower	Upper
127	100		
129	87.2	26.1	39.1#
65	0.0	33.5	50.3#
92	0.0	18.6	28.0#

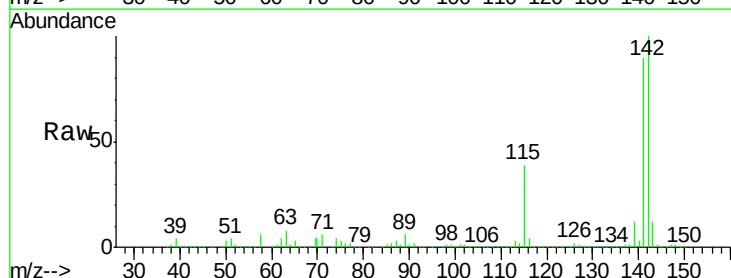


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

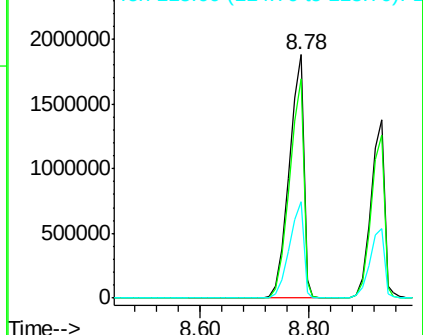
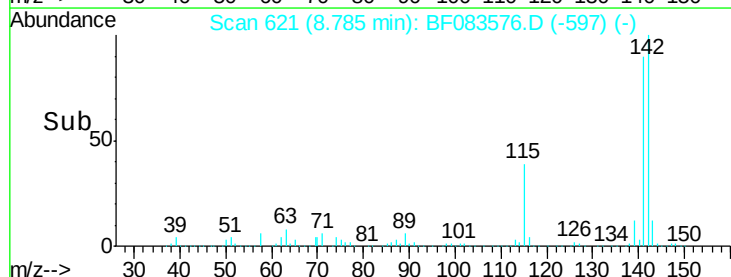


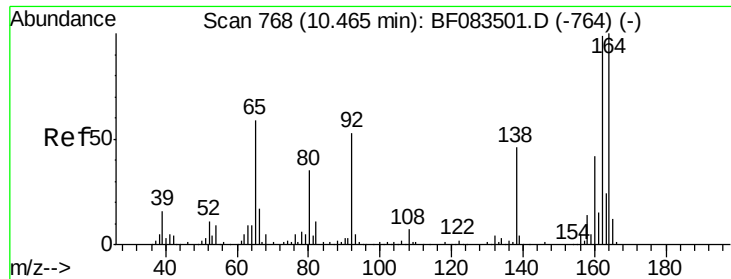
#37
2-Methylnaphthalene
Concen: 230.87 ng
RT: 8.78 min Scan# 621
Delta R.T. -0.02 min
Lab File: BF083576.D
Acq: 8 Dec 2015 00:57

Tgt Ion:	142	Resp:	3426428
Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.3	105.5
115	39.5	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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.44 min Scan# 766

Delta R.T. -0.02 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

Instrument :

BNA_F

ClientSampleId :

SHED-SOUTH-WALL

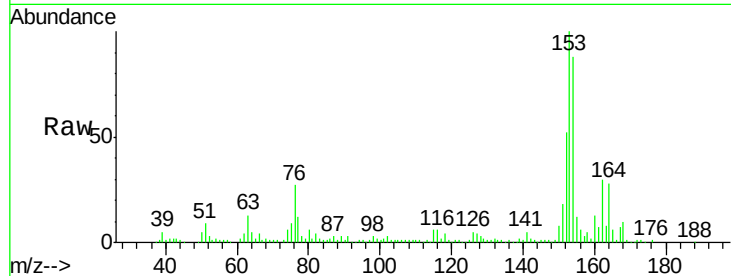
Tgt Ion:164 Resp: 196304

Ion Ratio Lower Upper

164 100

162 105.1 78.8 118.2

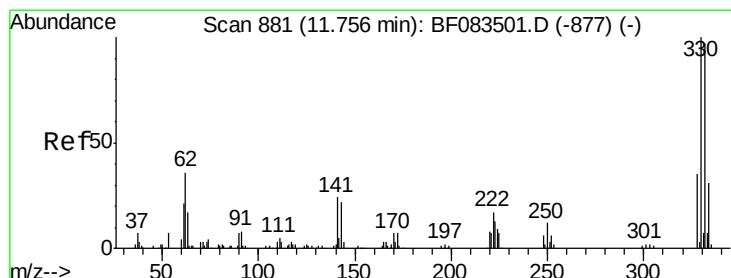
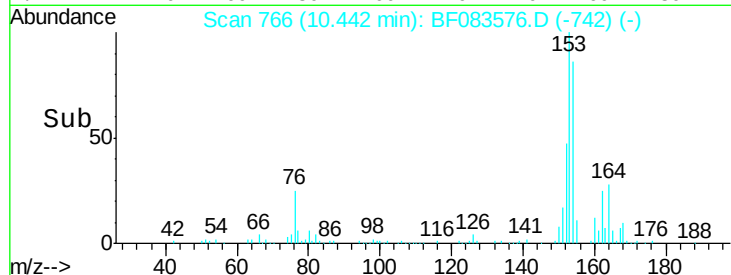
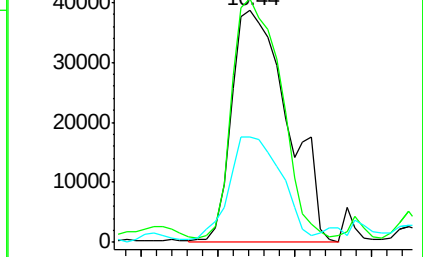
160 45.4 33.4 50.2



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



#41

2,4,6-Tribromophenol

Concen: 22.25 ng

RT: 11.79 min Scan# 884

Delta R.T. 0.03 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

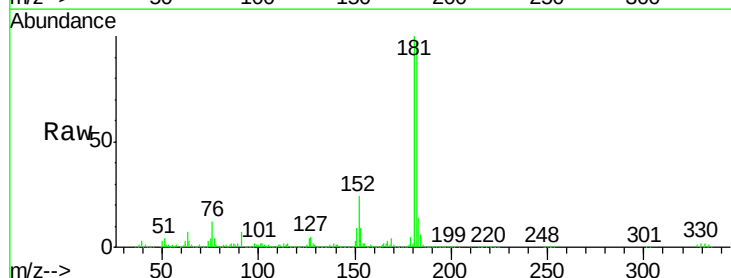
Tgt Ion:330 Resp: 40289

Ion Ratio Lower Upper

330 100

332 98.8 0.0 0.0#

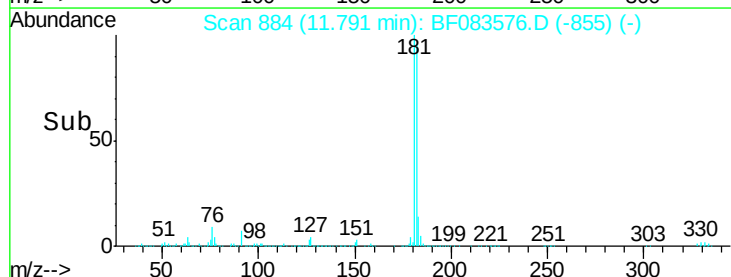
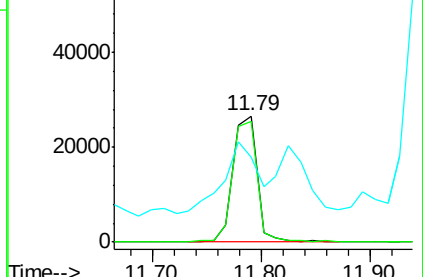
141 80.6 0.0 0.0#

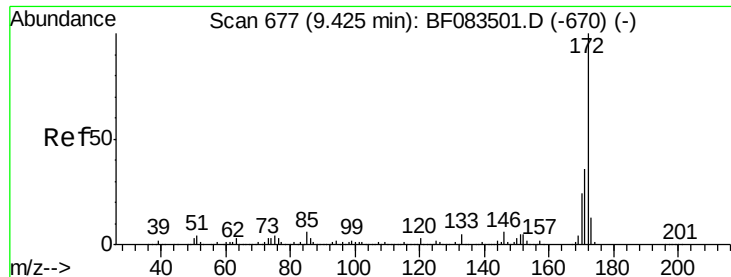


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 23.70 ng

RT: 9.37 min Scan# 672

Delta R.T. -0.06 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

Instrument :

BNA_F

ClientSampleId :

SHED-SOUTH-WALL

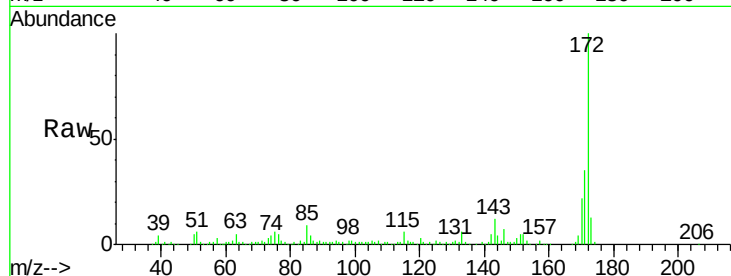
Tgt Ion:172 Resp: 342959

Ion Ratio Lower Upper

172 100

171 35.0 28.6 42.8

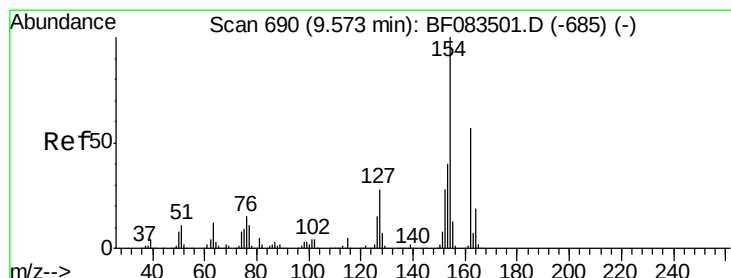
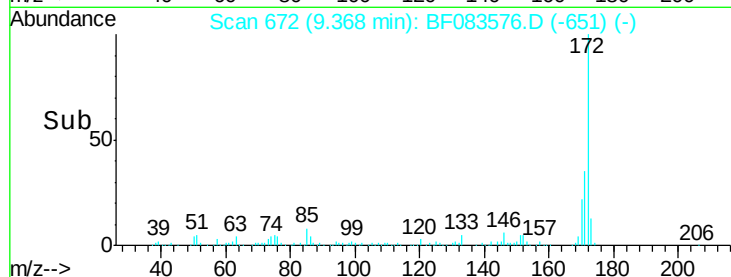
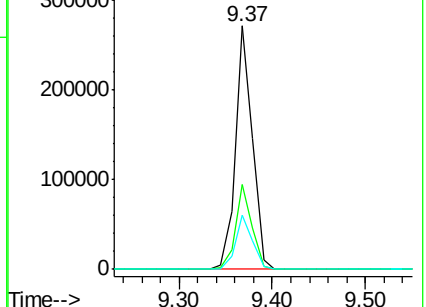
170 22.1 19.4 29.0



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: 139.74 ng

RT: 9.53 min Scan# 686

Delta R.T. -0.05 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

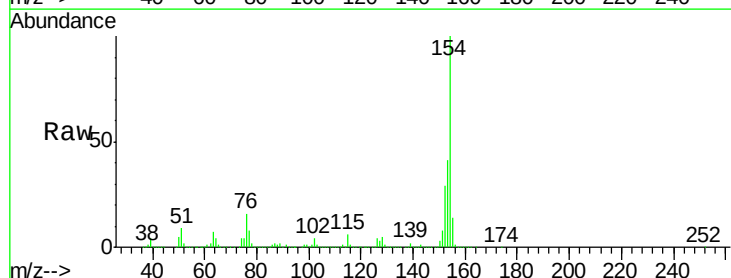
Tgt Ion:154 Resp: 2437689

Ion Ratio Lower Upper

154 100

153 40.8 20.2 60.2

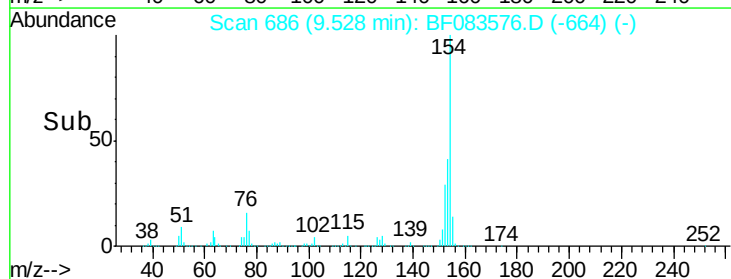
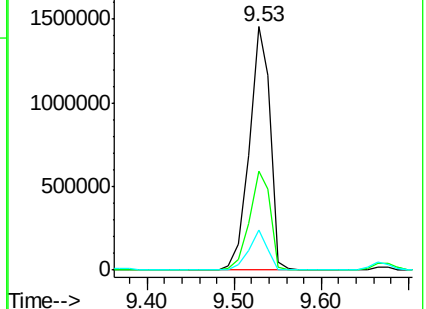
76 16.3 0.0 34.8

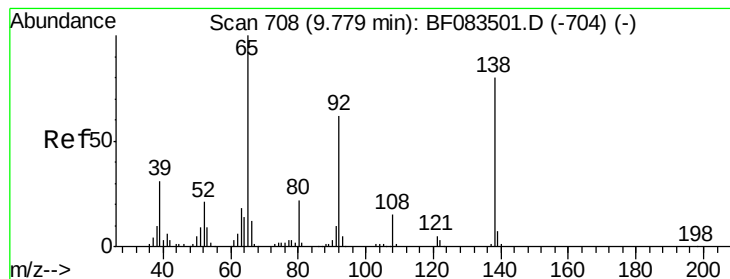


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#47

2-Nitroaniline

Concen: 6.25 ng

RT: 9.79 min Scan# 709

Delta R.T. 0.01 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

Instrument :

BNA_F

ClientSampleId :

SHED-SOUTH-WALL

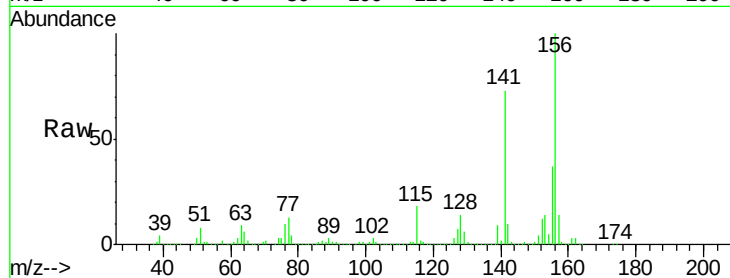
Tgt Ion: 65 Resp: 29268

Ion Ratio Lower Upper

65 100

92 7.1 49.6 74.4#

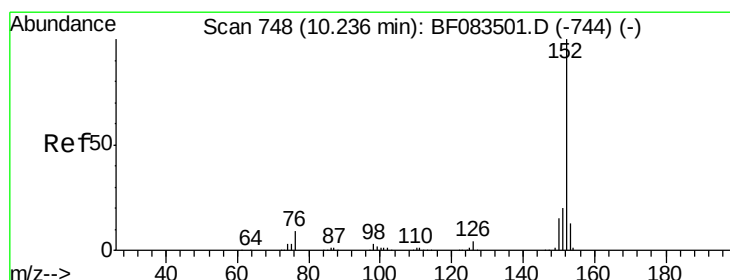
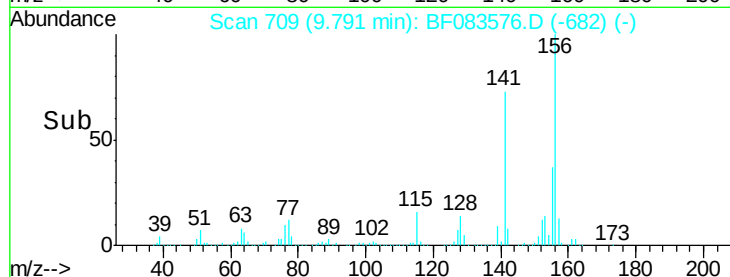
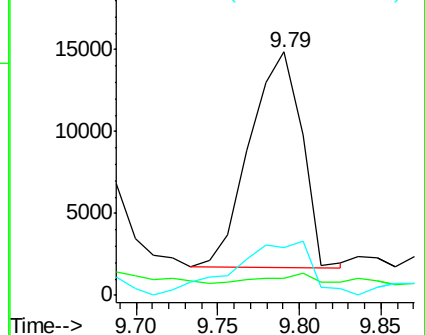
138 19.8 64.1 96.1#



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 89.08 ng

RT: 10.20 min Scan# 745

Delta R.T. -0.03 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

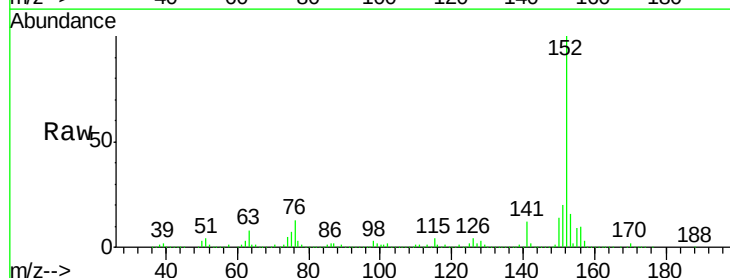
Tgt Ion: 152 Resp: 1917322

Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

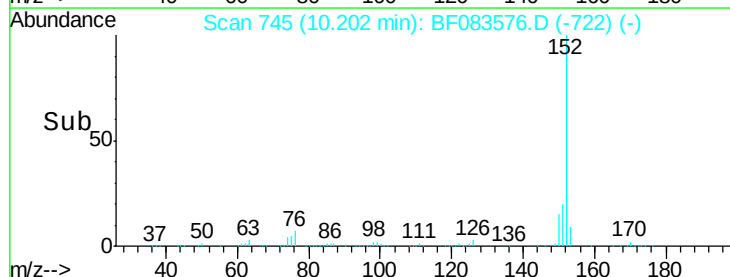
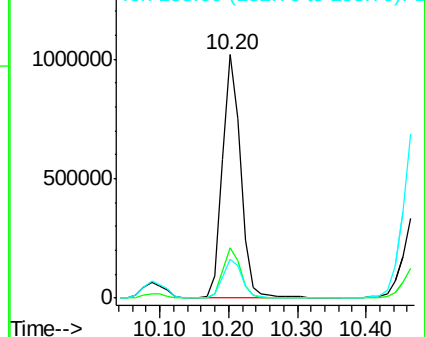
153 16.0 10.8 16.2

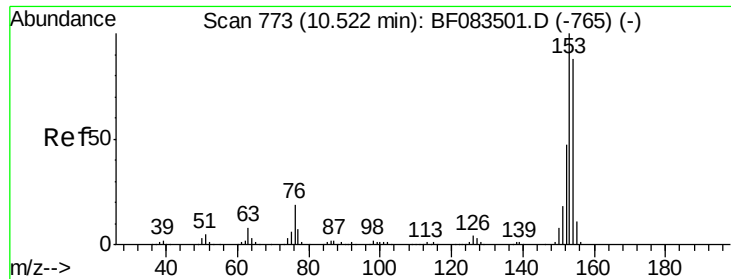


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#51

Acenaphthene

Concen: 1067.56 ng

RT: 10.56 min Scan# 776

Delta R.T. 0.03 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

Instrument :

BNA_F

ClientSampleId :

SHED-SOUTH-WALL

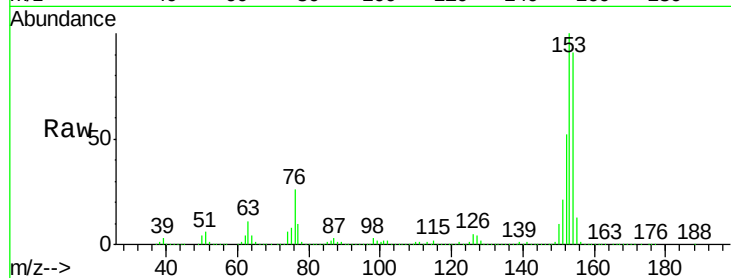
Tgt Ion:154 Resp:13222795

Ion Ratio Lower Upper

154 100

153 110.0 91.4 137.0

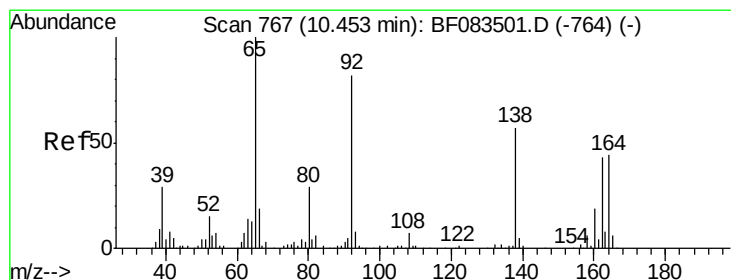
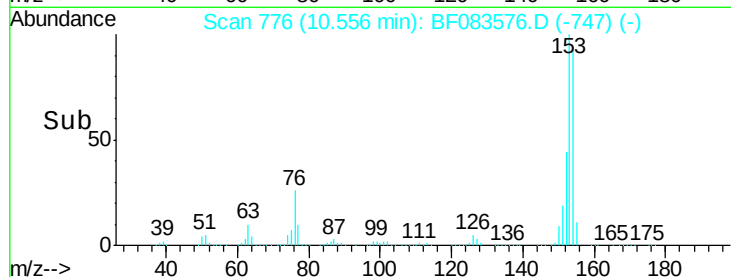
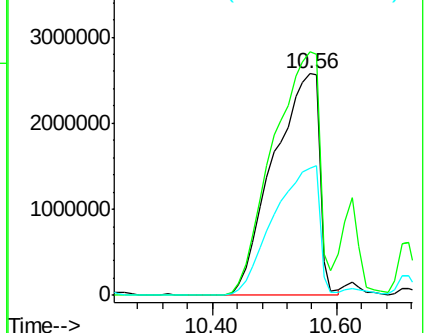
152 57.5 43.4 65.2



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



#52

3-Nitroaniline

Concen: 4.34 ng

RT: 10.52 min Scan# 773

Delta R.T. 0.07 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

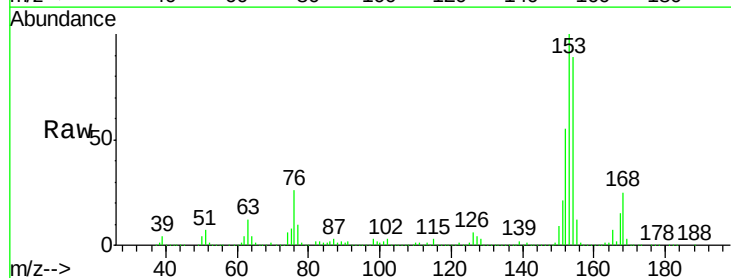
Tgt Ion:138 Resp: 15216

Ion Ratio Lower Upper

138 100

108 16.6 9.9 14.9#

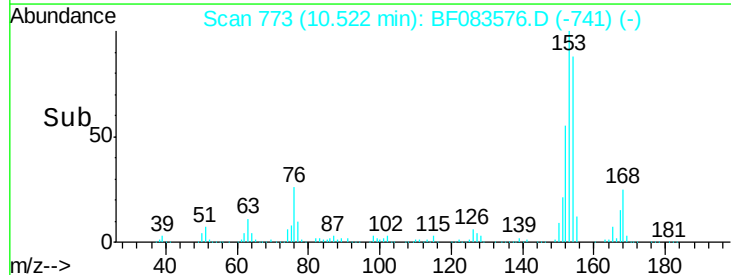
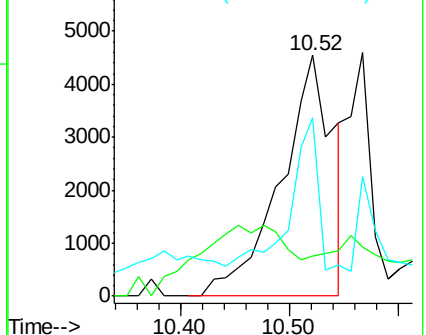
92 73.8 113.8 170.8#

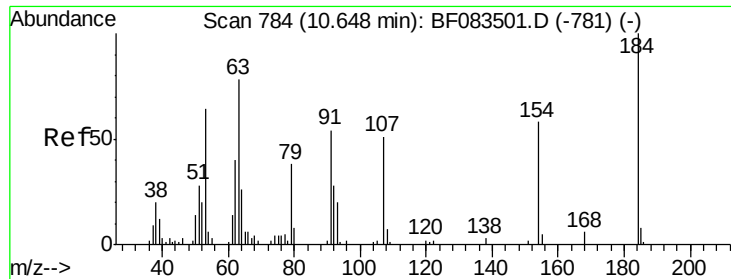


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

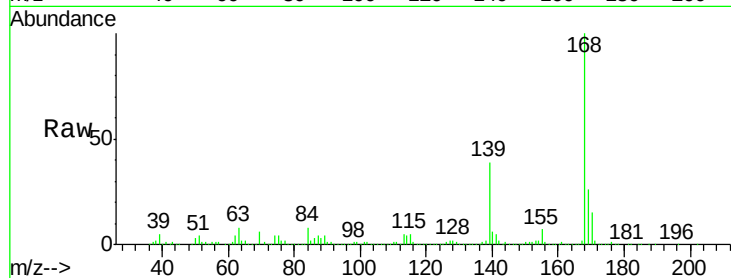




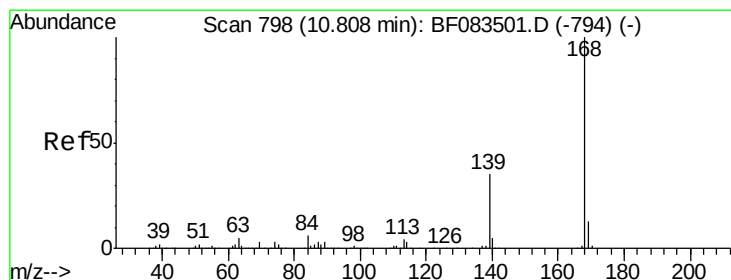
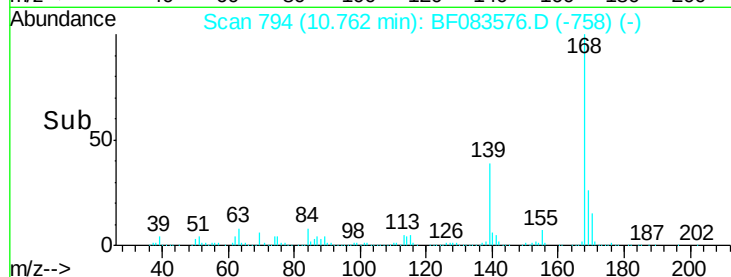
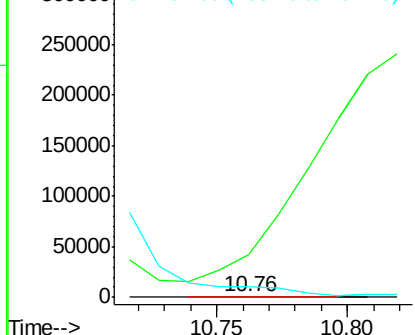
#53
2,4-Dinitrophenol
Concen: 8.36 ng
RT: 10.76 min Scan# 794
Delta R.T. 0.12 min
Lab File: BF083576.D
Acq: 8 Dec 2015 00:57

Instrument :
BNA_F
ClientSampleId :
SHED-SOUTH-WALL

Tgt Ion:184 Resp: 1451
Ion Ratio Lower Upper
184 100
63 4656.1 62.4 93.6#
154 1099.2 46.6 69.8#

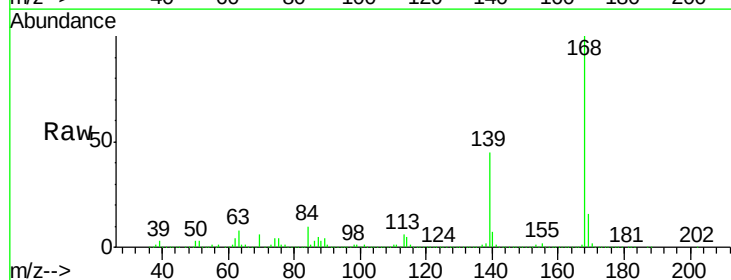


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

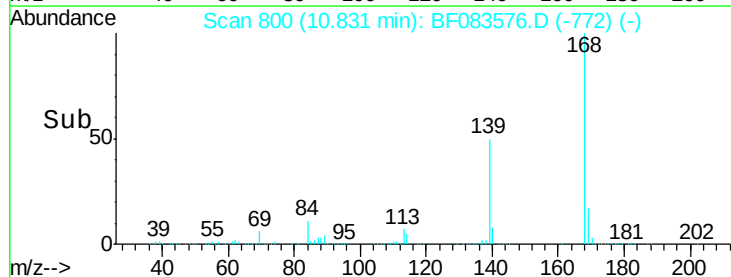
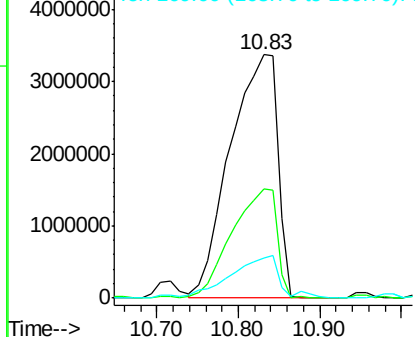


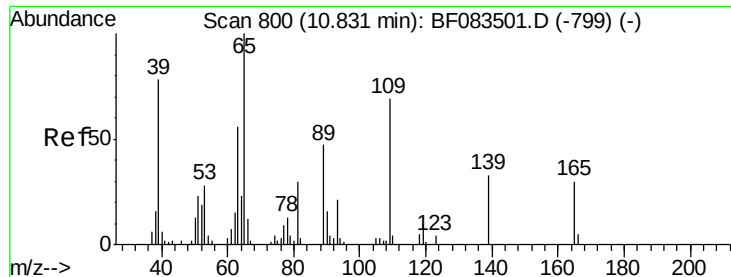
#54
Dibenzofuran
Concen: 794.57 ng
RT: 10.83 min Scan# 800
Delta R.T. 0.02 min
Lab File: BF083576.D
Acq: 8 Dec 2015 00:57

Tgt Ion:168 Resp:13634847
Ion Ratio Lower Upper
168 100
139 44.7 28.0 42.0#
169 16.4 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: 2949.86 ng

RT: 10.83 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

Instrument :

BNA_F

ClientSampleId :

SHED-SOUTH-WALL

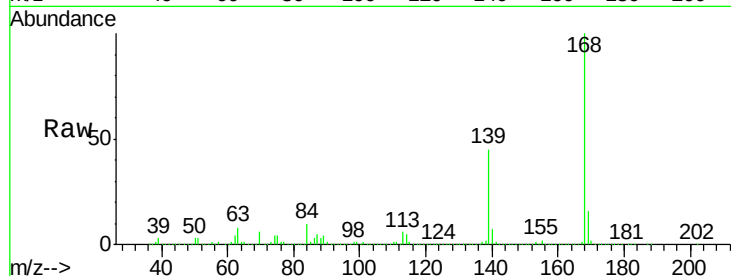
Tgt Ion:139 Resp: 5827622

Ion Ratio Lower Upper

139 100

109 1.0 42.0 82.0#

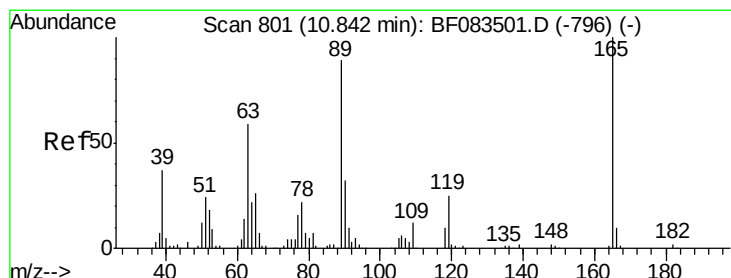
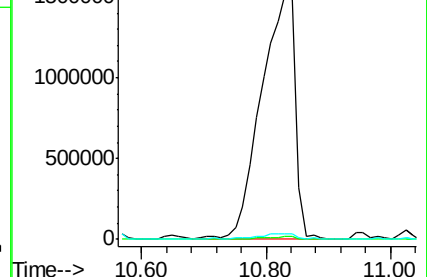
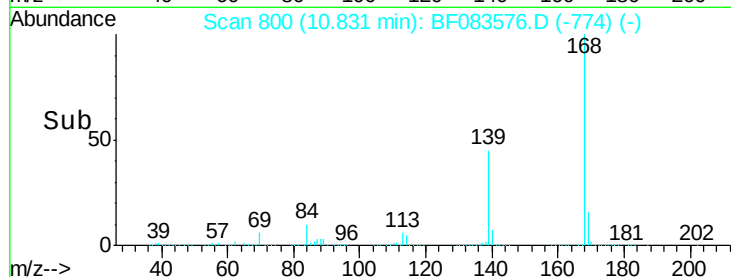
65 2.2 89.2 129.2#



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: 10.24 ng

RT: 10.82 min Scan# 799

Delta R.T. -0.02 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

Tgt Ion:165 Resp: 43497

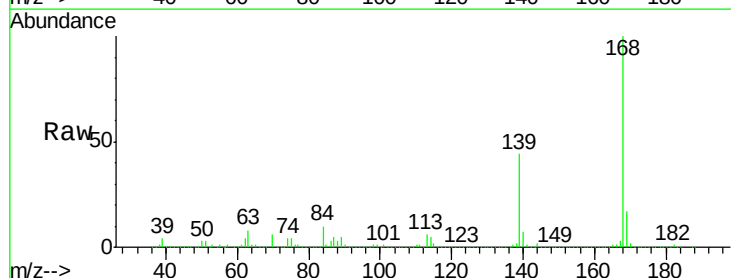
Ion Ratio Lower Upper

165 100

63 927.3 51.4 77.2#

89 540.2 72.6 108.8#

182 148.6 1.4 2.0#

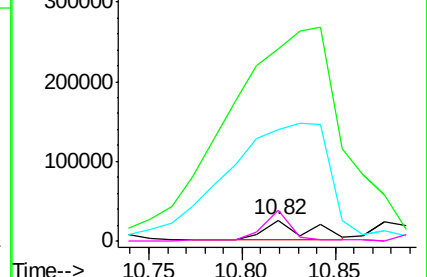
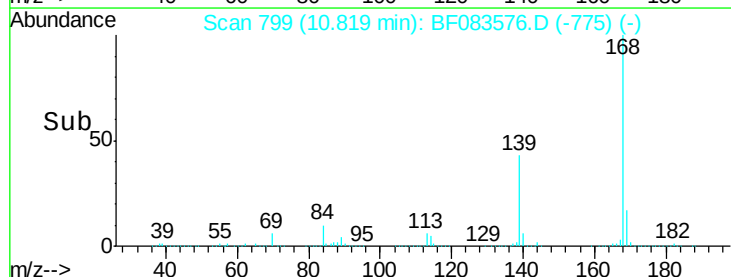


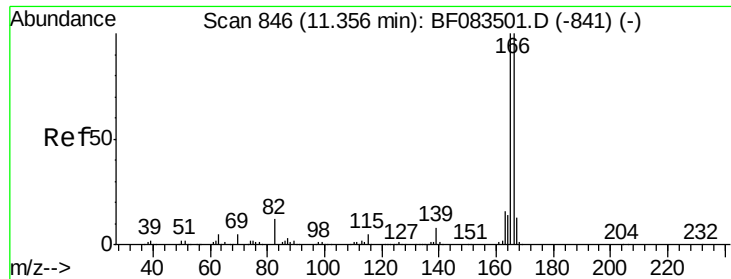
Abundance Ion 165.00 (164.70 to 165.70): E

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: 1111.45 ng

RT: 11.43 min Scan# 852

Delta R.T. 0.07 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

Instrument :

BNA_F

ClientSampleId :

SHED-SOUTH-WALL

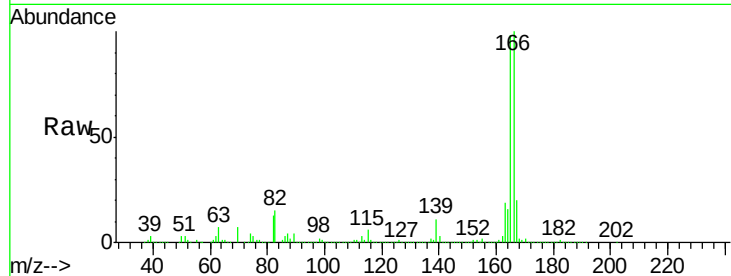
Tgt Ion:166 Resp:16592836

Ion Ratio Lower Upper

166 100

165 97.8 80.0 120.0

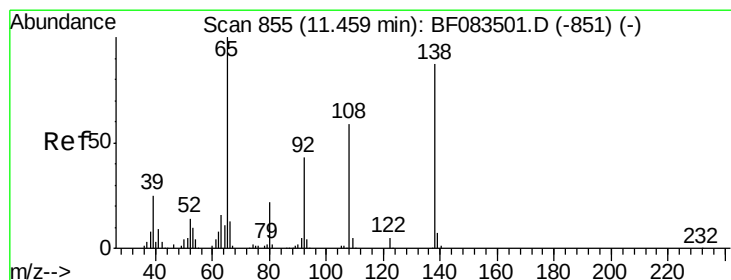
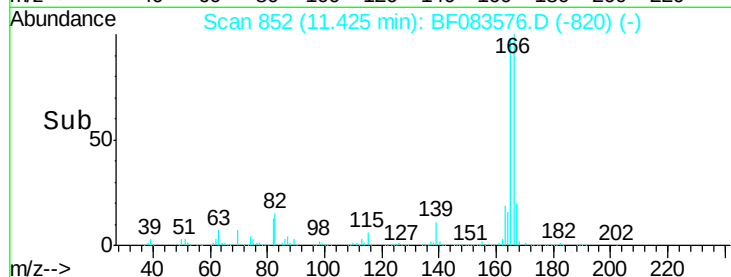
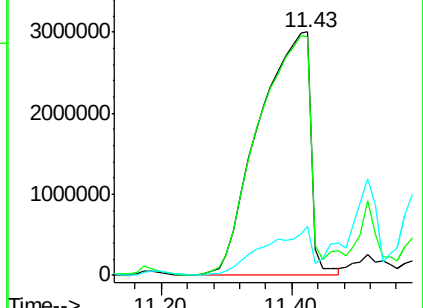
167 20.1 10.6 16.0#



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: 66.26 ng

RT: 11.43 min Scan# 852

Delta R.T. -0.03 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

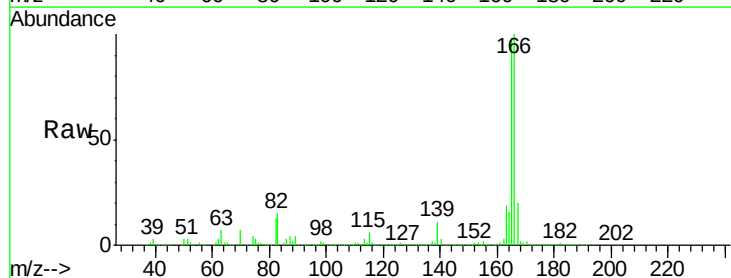
Tgt Ion:138 Resp: 210557

Ion Ratio Lower Upper

138 100

92 3.2 29.0 69.0#

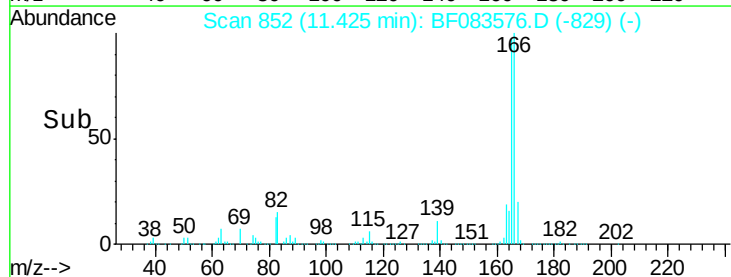
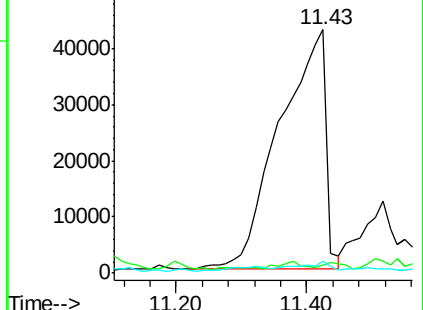
108 4.8 47.4 87.4#

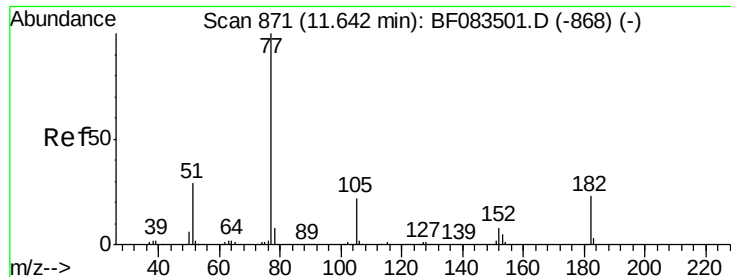


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 11.88 ng

RT: 11.64 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

Instrument :

BNA_F

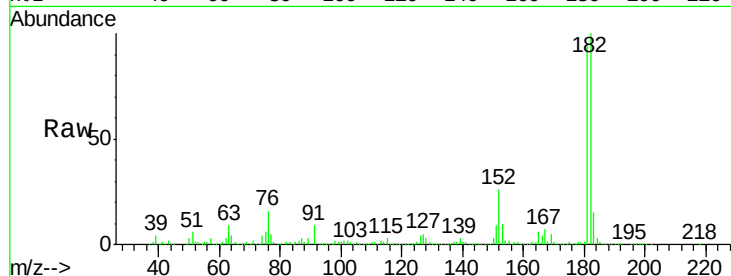
ClientSampleId :

SHED-SOUTH-WALL

Tgt Ion: 77 Resp: 188450

Ion Ratio Lower Upper

77	100		
182	1935.4	2.5	42.5#
105	11.3	2.1	42.1
51	113.8	9.3	49.3#

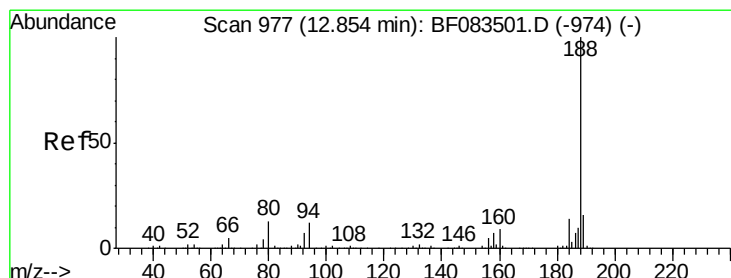
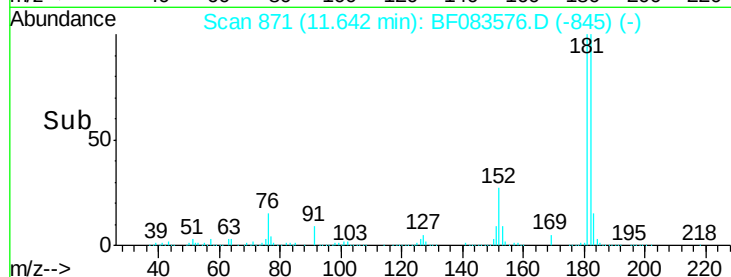
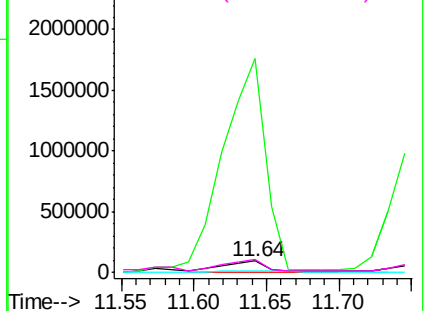


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 12.92 min Scan# 983

Delta R.T. 0.07 min

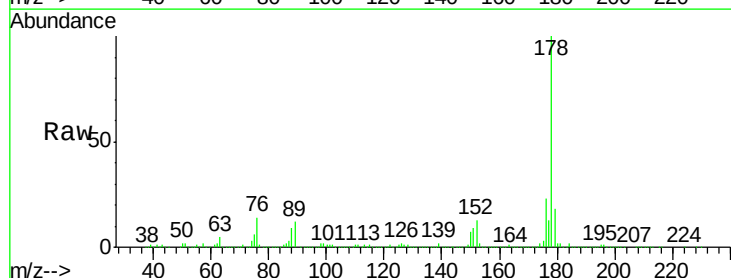
Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

Tgt Ion: 188 Resp: 51395

Ion Ratio Lower Upper

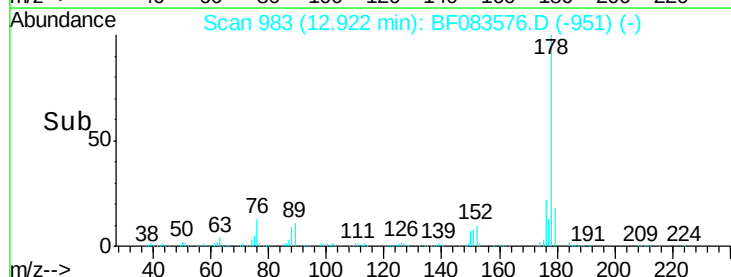
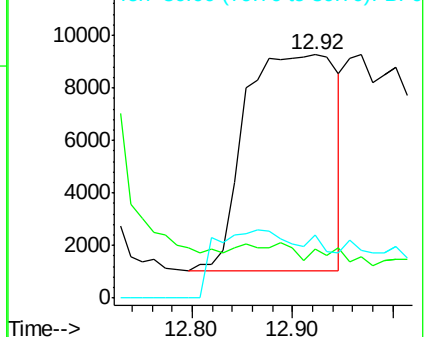
188	100		
94	19.9	9.4	14.2#
80	25.9	10.6	16.0#

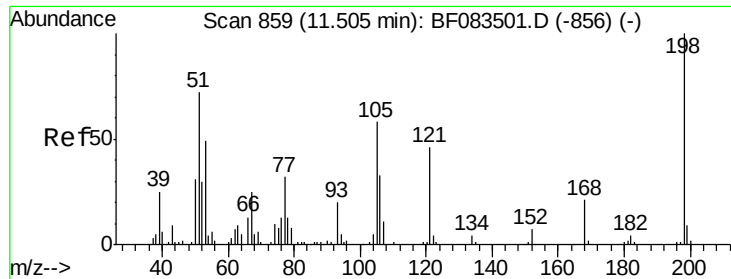


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

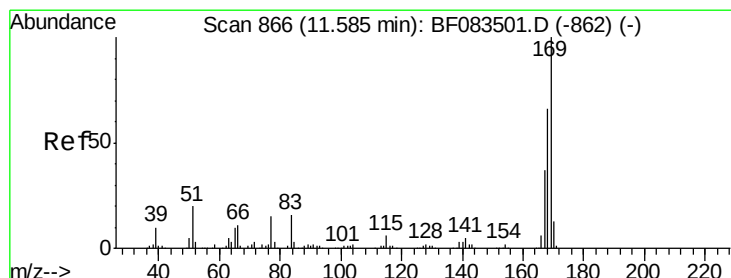
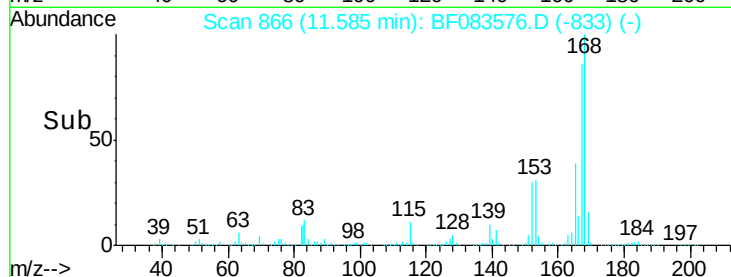
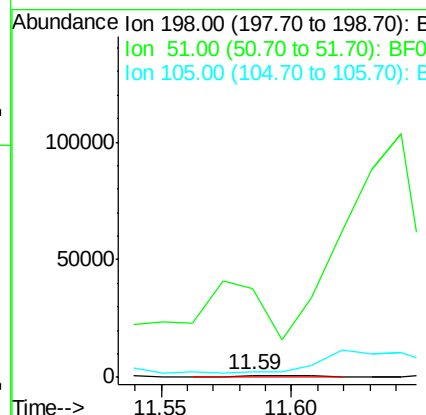
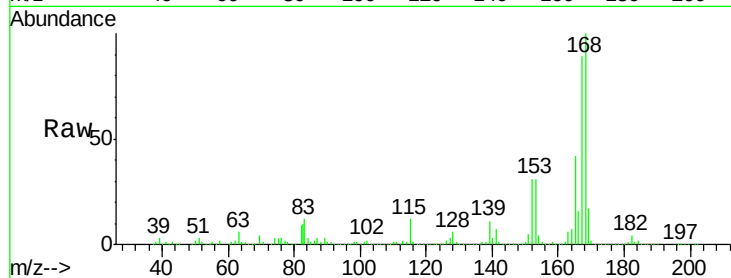




#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.78 ng
 RT: 11.59 min Scan# 866
 Delta R.T. 0.08 min
 Lab File: BF083576.D
 Acq: 8 Dec 2015 00:57

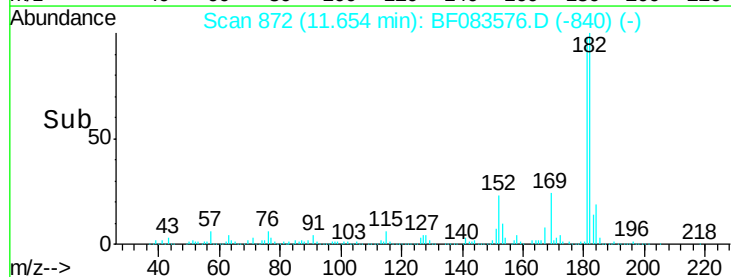
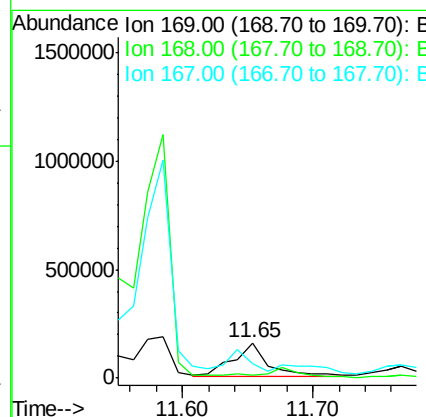
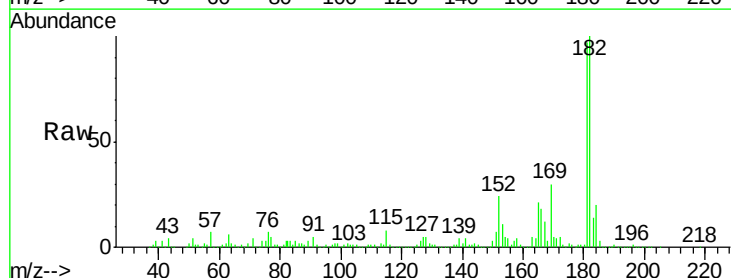
Instrument :
 BNA_F
 ClientSampleId :
 SHED-SOUTH-WALL

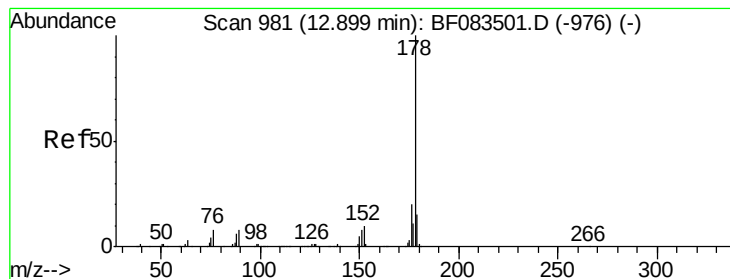
Tgt Ion:198 Resp: 1607
 Ion Ratio Lower Upper
 198 100
 51 4999.2 53.8 93.8#
 105 277.3 38.6 78.6#



#65
 n-Nitrosodiphenylamine
 Concen: 181.30 ng
 RT: 11.65 min Scan# 872
 Delta R.T. 0.07 min
 Lab File: BF083576.D
 Acq: 8 Dec 2015 00:57

Tgt Ion:169 Resp: 308500
 Ion Ratio Lower Upper
 169 100
 168 10.0 53.0 79.6#
 167 39.8 29.3 43.9





#70

Phenanthrene

Concen: 27030.40 ng

RT: 13.19 min Scan# 1006

Delta R.T. 0.29 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

Instrument :

BNA_F

ClientSampleId :

SHED-SOUTH-WALL

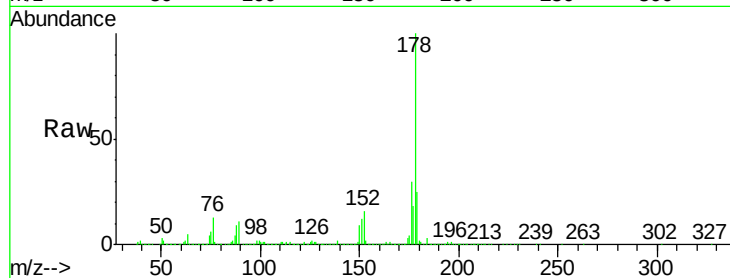
Tgt Ion:178 Resp:80862702

Ion Ratio Lower Upper

178 100

176 29.6 15.7 23.5#

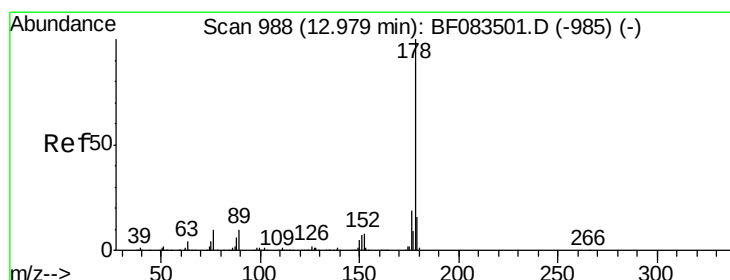
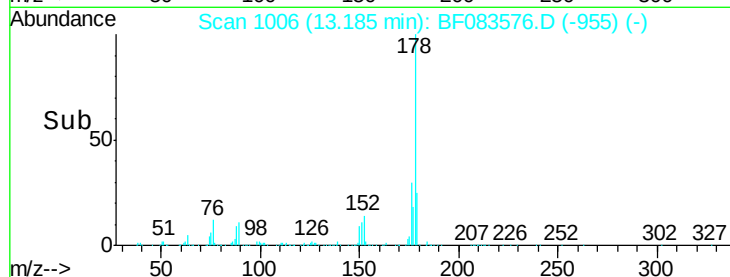
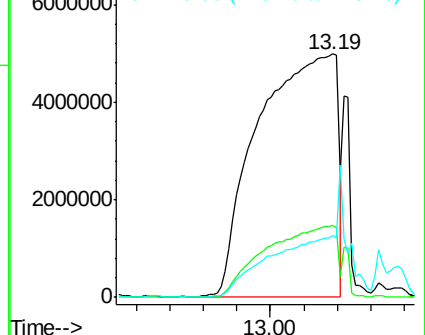
179 25.2 12.2 18.4#



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: 28656.29 ng

RT: 13.19 min Scan# 1006

Delta R.T. 0.21 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

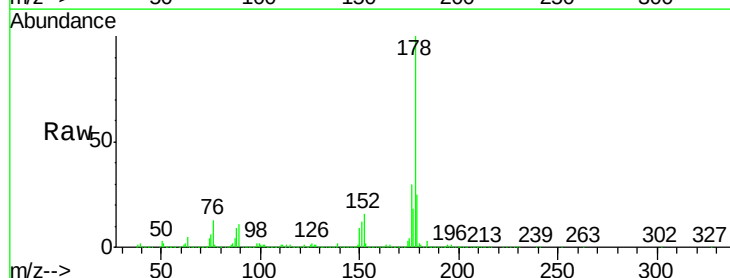
Tgt Ion:178 Resp:87429558

Ion Ratio Lower Upper

178 100

176 29.6 15.2 22.8#

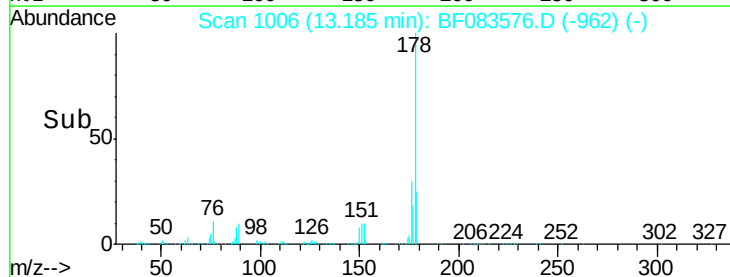
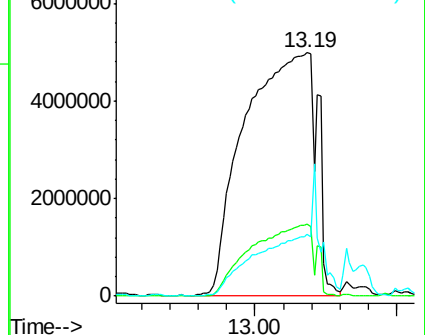
179 25.2 12.6 18.8#

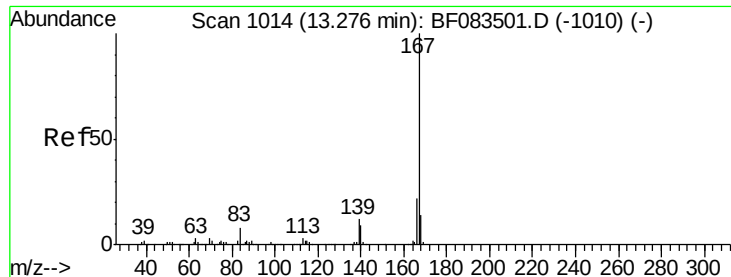


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 4781.60 ng

RT: 13.44 min Scan# 1028

Delta R.T. 0.16 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

Instrument :

BNA_F

ClientSampleId :

SHED-SOUTH-WALL

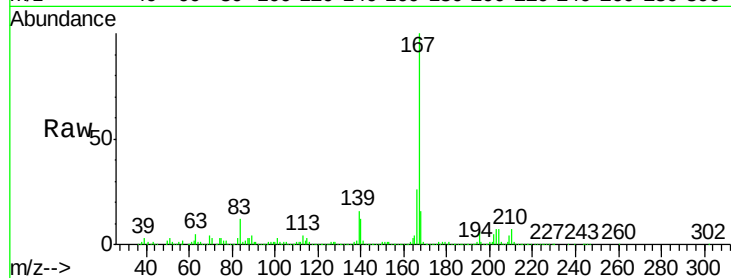
Tgt Ion:167 Resp:12527189

Ion Ratio Lower Upper

167 100

166 25.8 17.2 25.8#

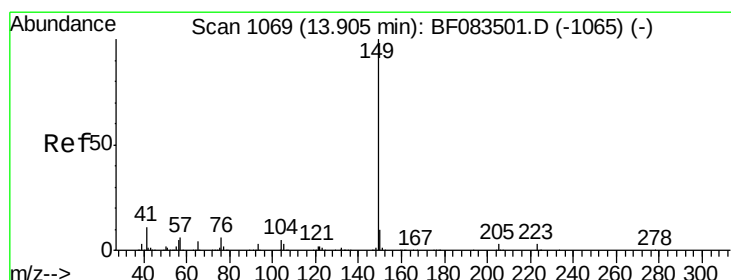
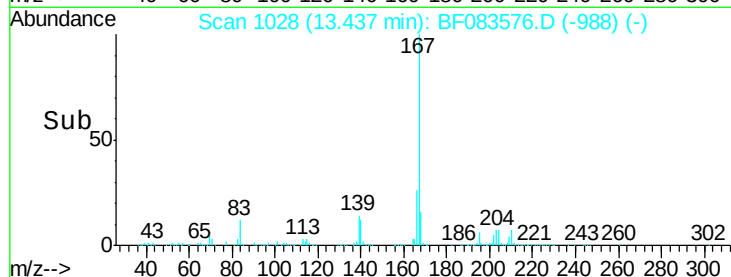
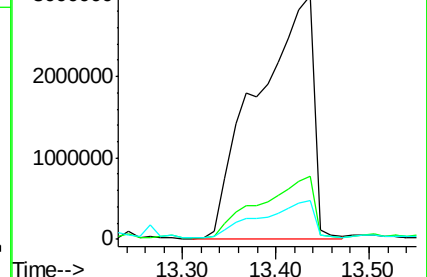
139 15.7 9.3 13.9#



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



#73

Di-n-butylphthalate

Concen: 5.76 ng

RT: 13.97 min Scan# 1075

Delta R.T. 0.07 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

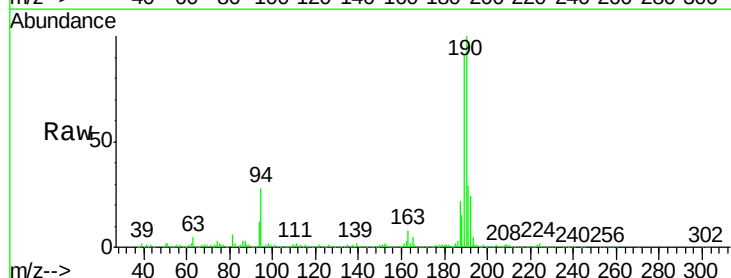
Tgt Ion:149 Resp: 18159

Ion Ratio Lower Upper

149 100

150 327.3 7.8 11.6#

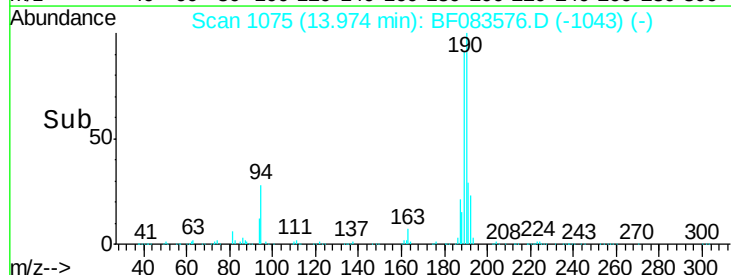
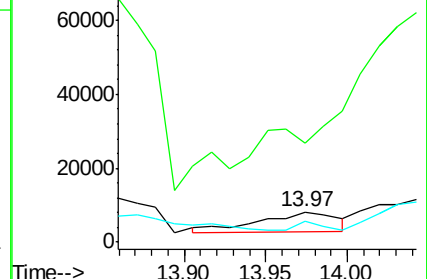
104 67.7 3.9 5.9#

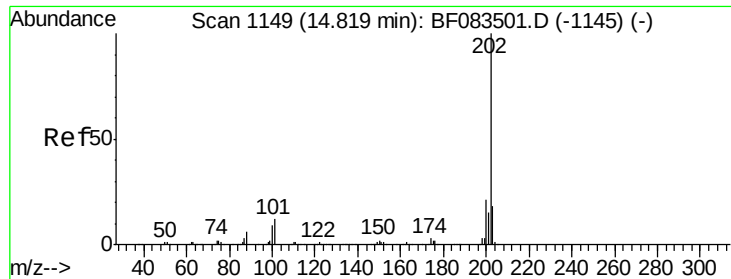


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 15802.47 ng

RT: 15.05 min Scan# 1169

Delta R.T. 0.23 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

Instrument :

BNA_F

ClientSampleId :

SHED-SOUTH-WALL

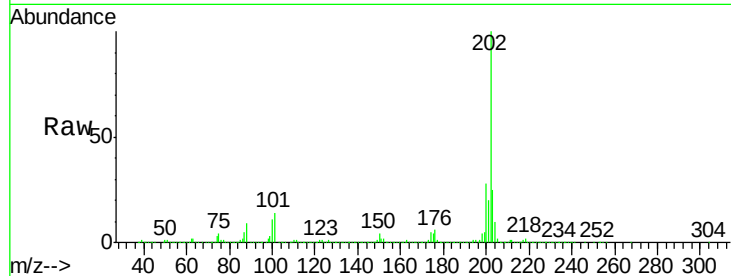
Tgt Ion:202 Resp:46852580

Ion Ratio Lower Upper

202 100

101 14.1 0.0 31.5

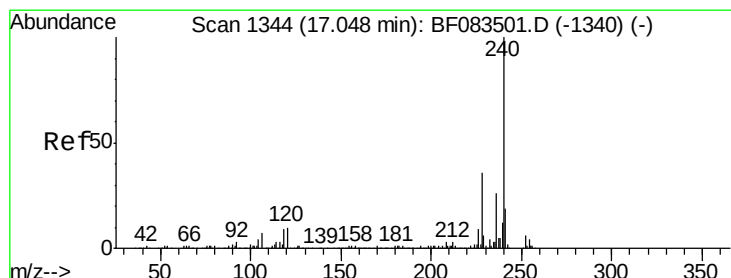
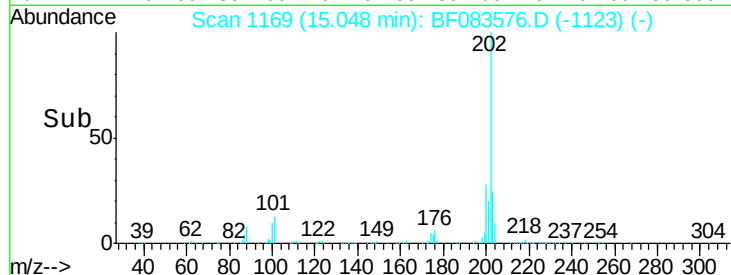
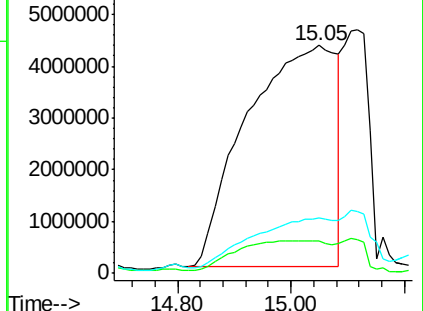
203 24.6 0.0 37.6



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: 17.20 min Scan# 1357

Delta R.T. 0.15 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

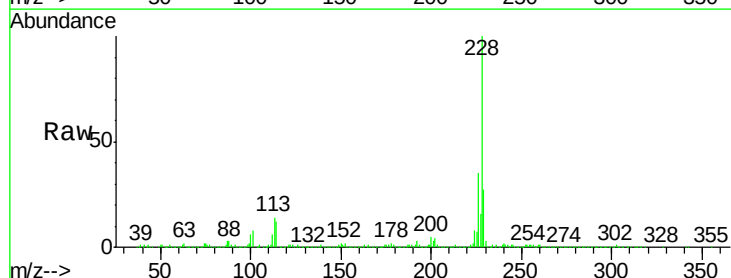
Tgt Ion:240 Resp: 174402

Ion Ratio Lower Upper

240 100

120 21.9 8.1 12.1#

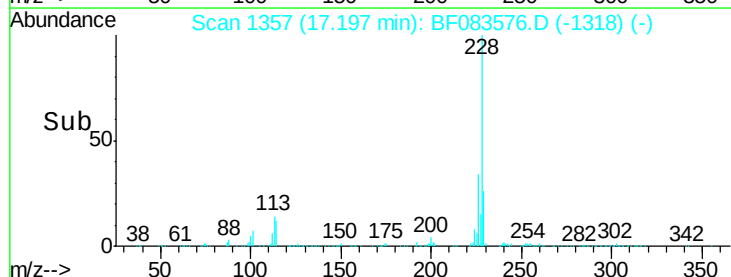
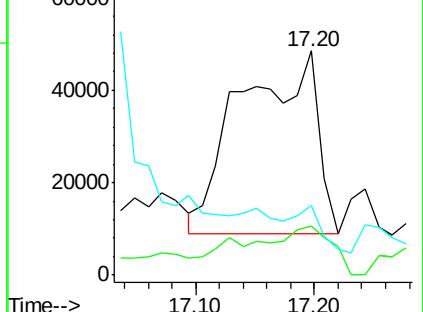
236 31.2 20.8 31.2#

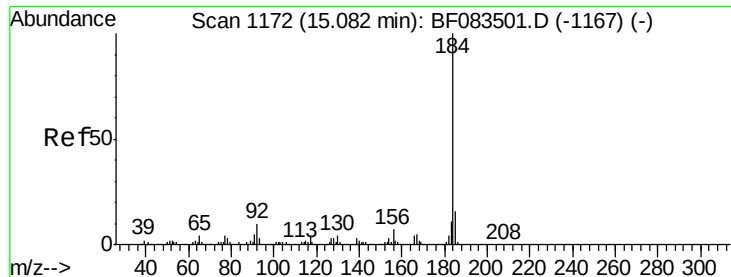


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 2.21 ng

RT: 15.14 min Scan# 1177

Delta R.T. 0.06 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

Instrument :

BNA_F

ClientSampleId :

SHED-SOUTH-WALL

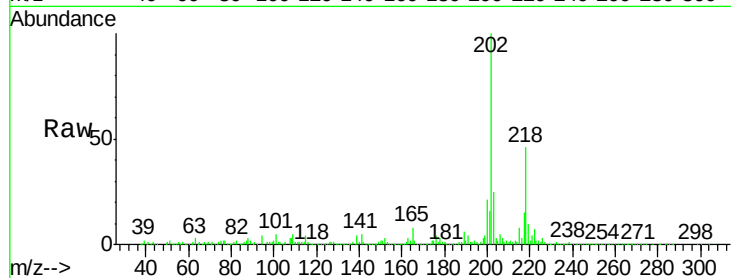
Tgt Ion:184 Resp: 13914

Ion Ratio Lower Upper

184 100

185 96.3 13.0 19.6#

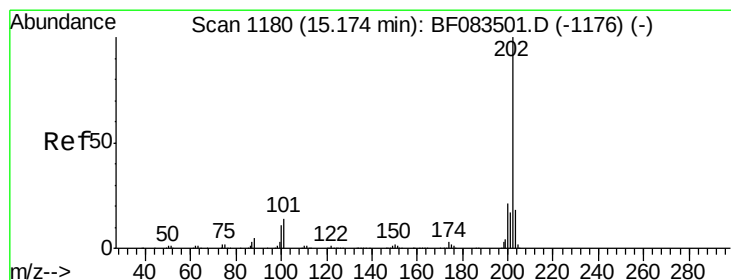
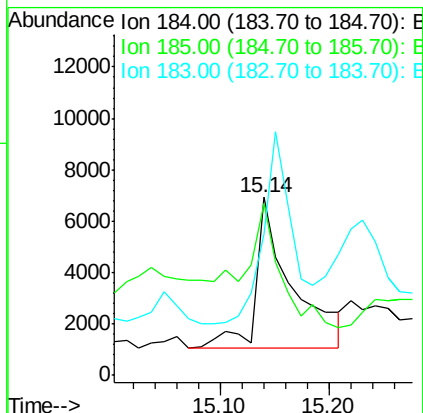
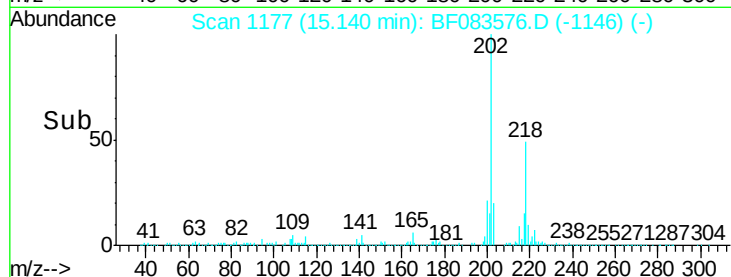
183 79.0 9.0 13.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 3360.43 ng

RT: 15.49 min Scan# 1208

Delta R.T. 0.32 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

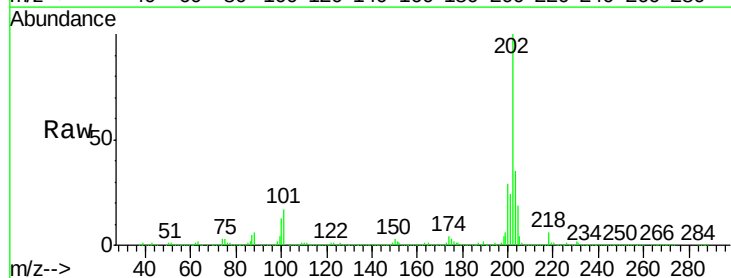
Tgt Ion:202 Resp:43841422

Ion Ratio Lower Upper

202 100

200 28.8 16.7 25.1#

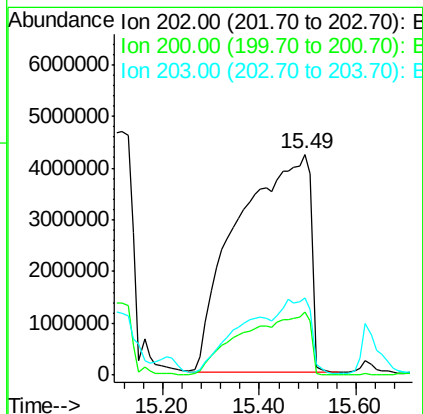
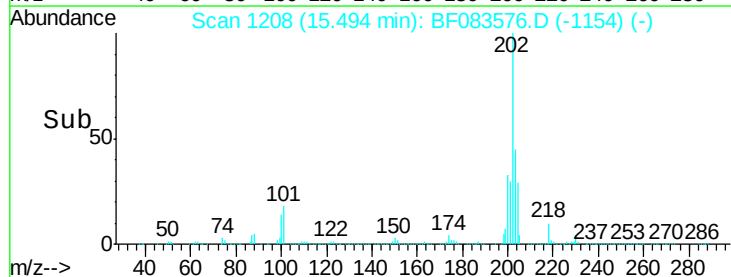
203 35.1 14.3 21.5#

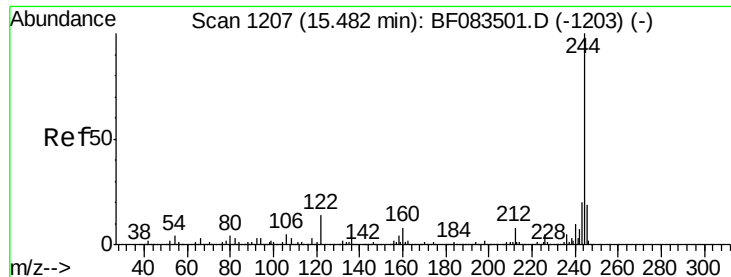


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 38.49 ng

RT: 15.60 min Scan# 1217

Delta R.T. 0.11 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

Instrument :

BNA_F

ClientSampleId :

SHED-SOUTH-WALL

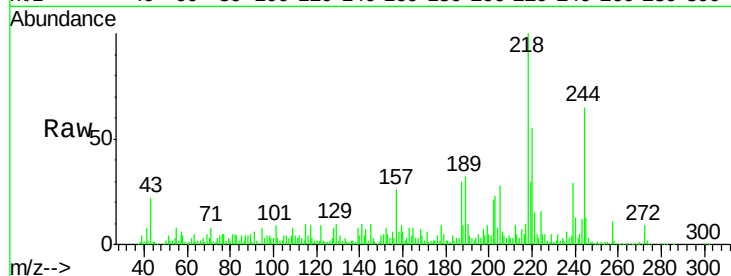
Tgt Ion:244 Resp: 301655

Ion Ratio Lower Upper

244 100

212 13.8 6.1 9.1#

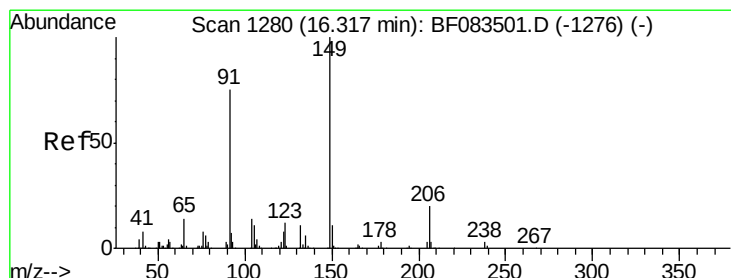
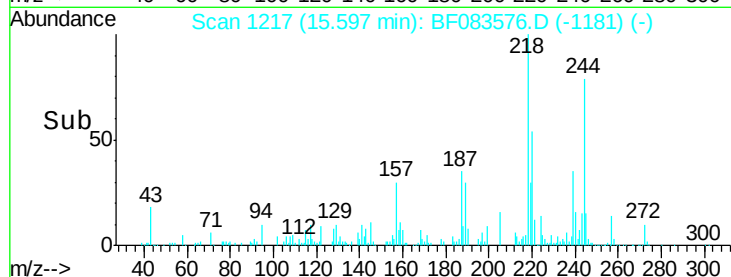
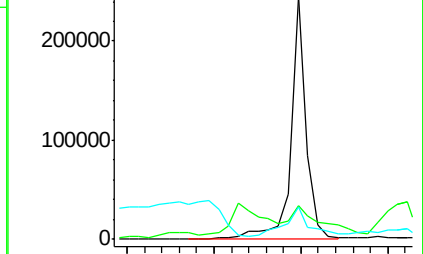
122 13.4 11.0 16.6



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



#79

Butylbenzylphthalate

Concen: 3.23 ng

RT: 16.43 min Scan# 1290

Delta R.T. 0.11 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

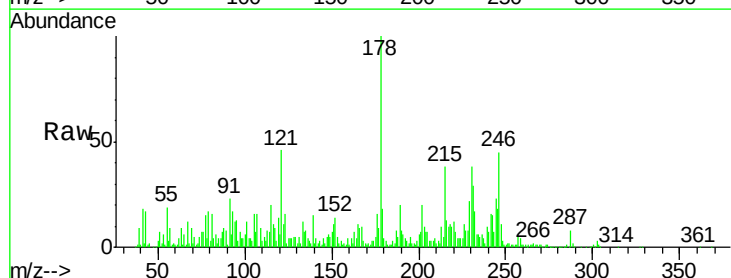
Tgt Ion:149 Resp: 16551

Ion Ratio Lower Upper

149 100

91 513.7 60.0 90.0#

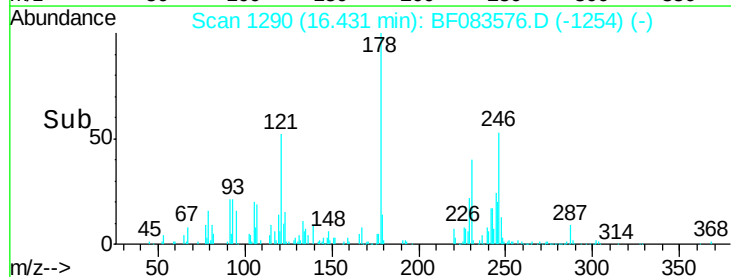
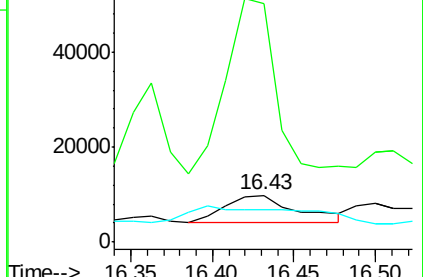
206 69.4 16.2 24.4#

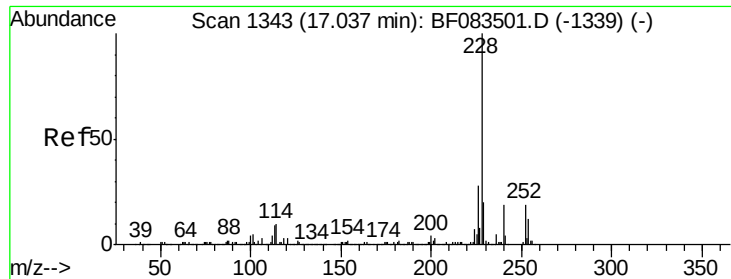


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 2140.65 ng

RT: 17.21 min Scan# 1358

Delta R.T. 0.17 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

Instrument :

BNA_F

ClientSampleId :

SHED-SOUTH-WALL

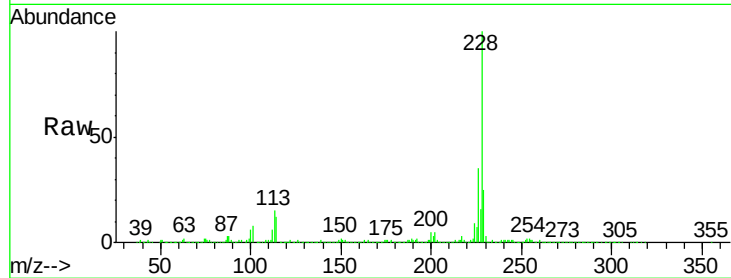
Tgt Ion:228 Resp:21843159

Ion Ratio Lower Upper

228 100

226 34.9 22.3 33.5#

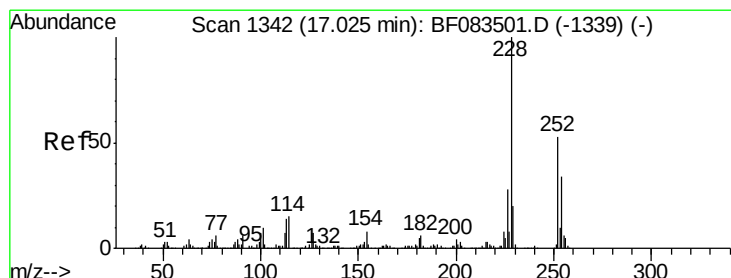
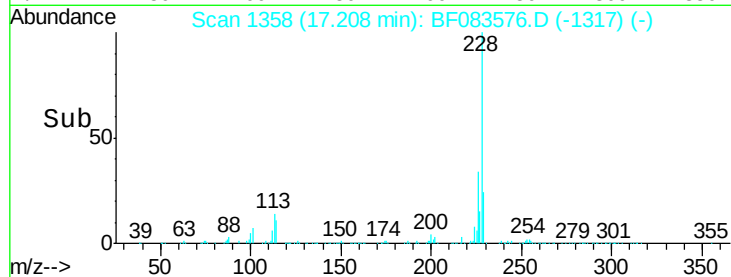
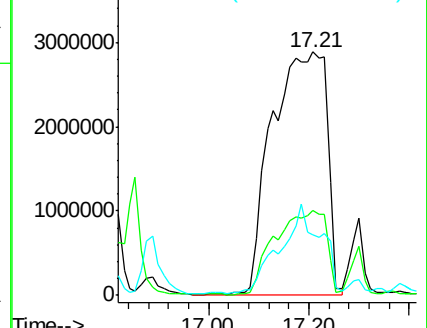
229 25.0 15.7 23.5#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 42.73 ng

RT: 17.24 min Scan# 1361

Delta R.T. 0.22 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

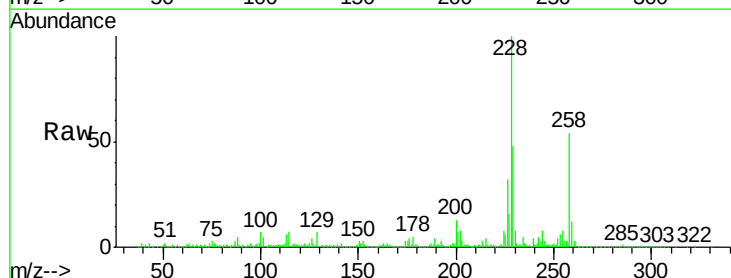
Tgt Ion:252 Resp: 139448

Ion Ratio Lower Upper

252 100

254 176.3 50.6 76.0#

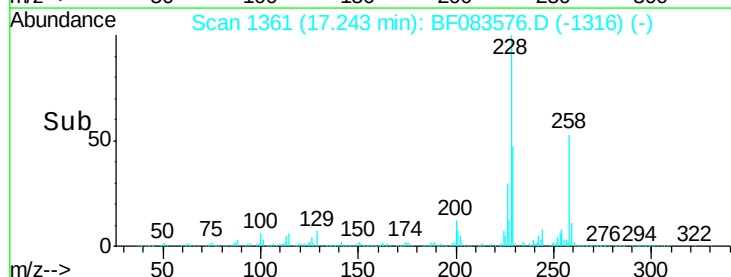
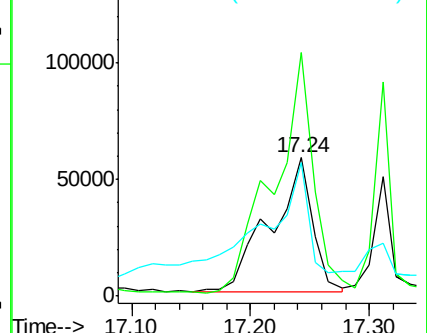
126 96.3 11.0 16.4#

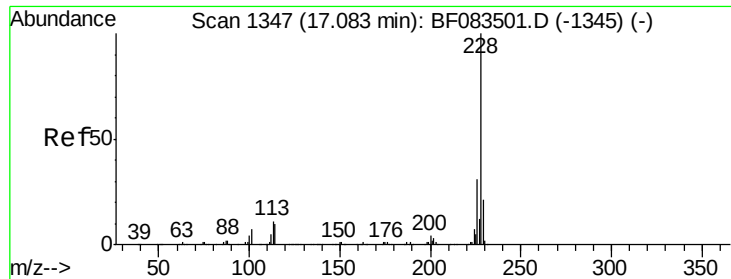


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 2148.78 ng

RT: 17.21 min Scan# 1358

Delta R.T. 0.13 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

Instrument :

BNA_F

ClientSampleId :

SHED-SOUTH-WALL

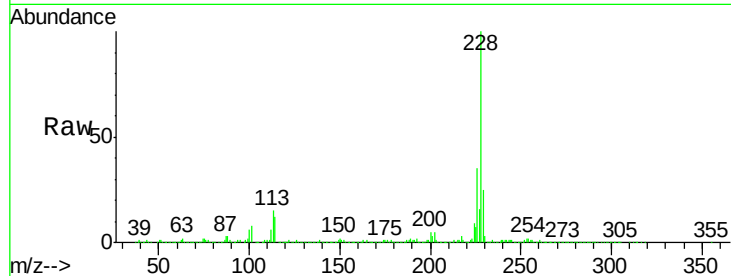
Tgt Ion:228 Resp:21843159

Ion Ratio Lower Upper

228 100

226 34.9 24.7 37.1

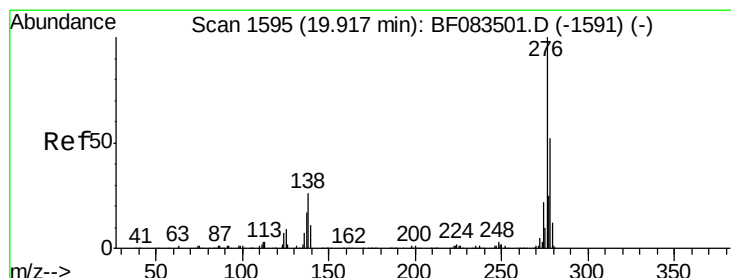
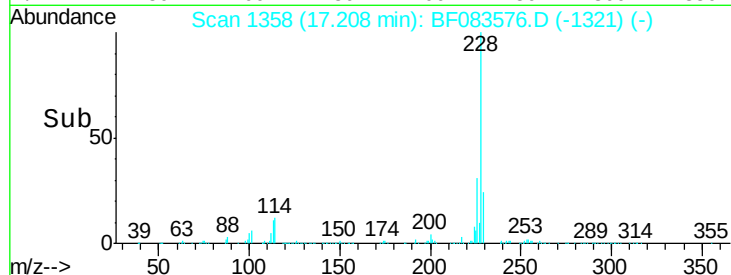
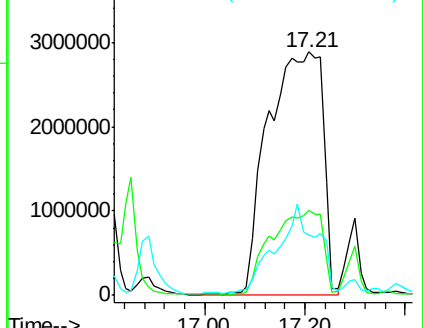
229 25.0 16.3 24.5#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 5.24 ng

RT: 20.09 min Scan# 1610

Delta R.T. 0.17 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

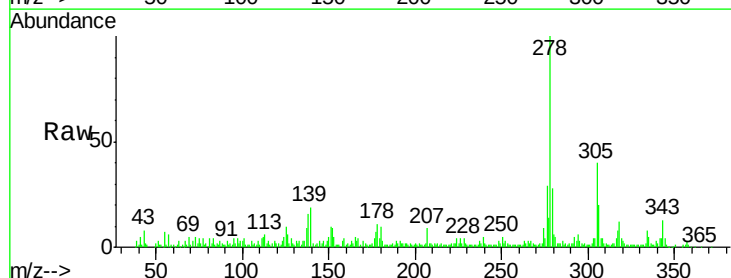
Tgt Ion:276 Resp: 45675

Ion Ratio Lower Upper

276 100

138 57.5 0.0 0.0#

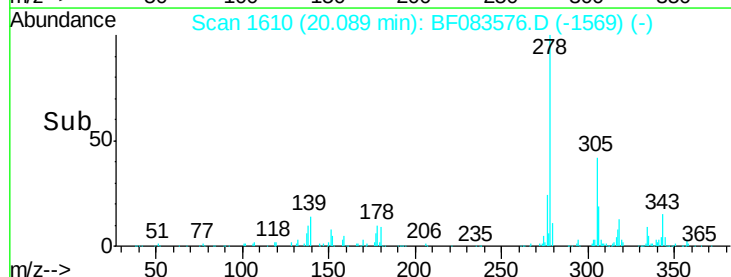
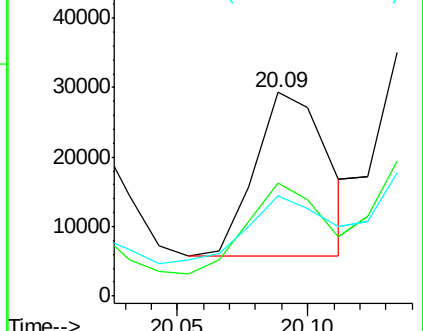
277 45.4 0.0 0.0#

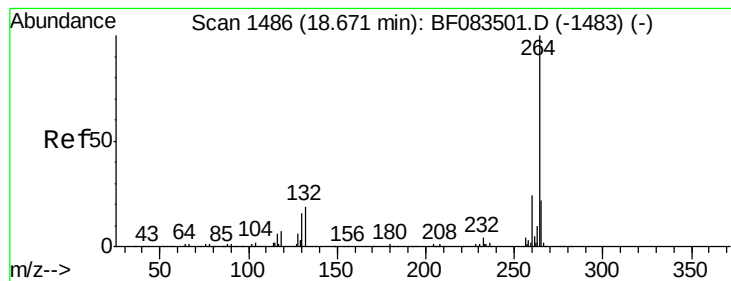


Abundance Ion 276.00 (275.70 to 276.70): E

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: 18.88 min Scan# 1504

Delta R.T. 0.21 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

Instrument :

BNA_F

ClientSampleId :

SHED-SOUTH-WALL

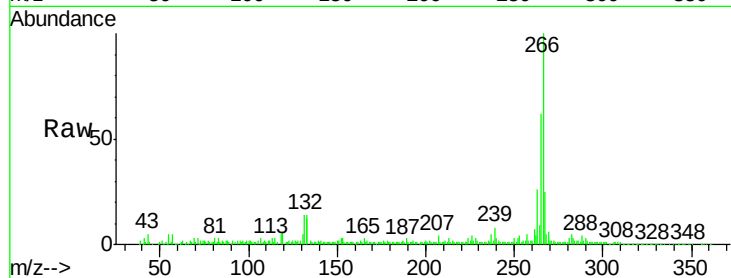
Tgt Ion:264 Resp: 39696

Ion Ratio Lower Upper

264 100

260 19.3 19.4 29.0#

265 720.8 17.8 26.6#

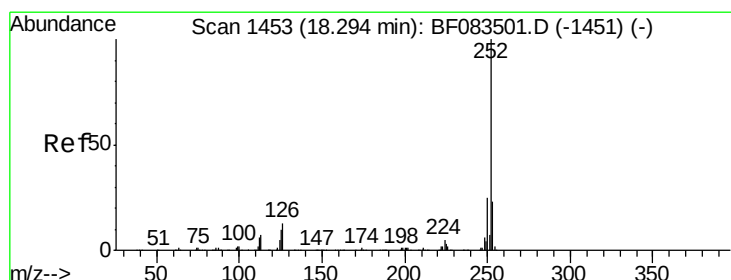
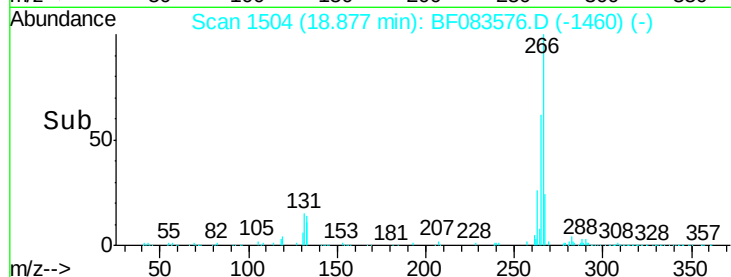
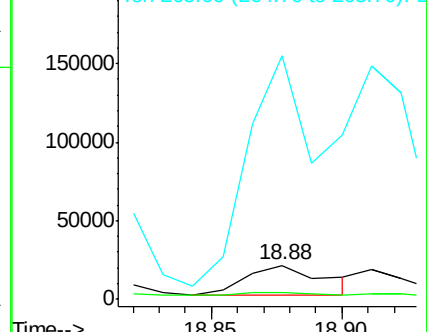


Abundance

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: 349.40 ng

RT: 18.47 min Scan# 1468

Delta R.T. 0.17 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

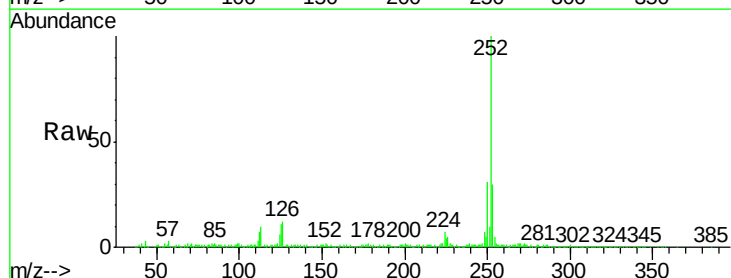
Tgt Ion:252 Resp: 778917

Ion Ratio Lower Upper

252 100

253 30.4 18.2 27.4#

125 11.2 8.2 12.4

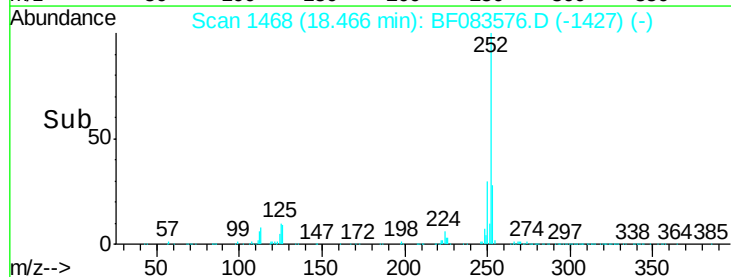
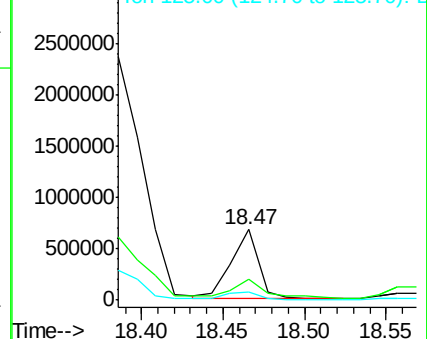


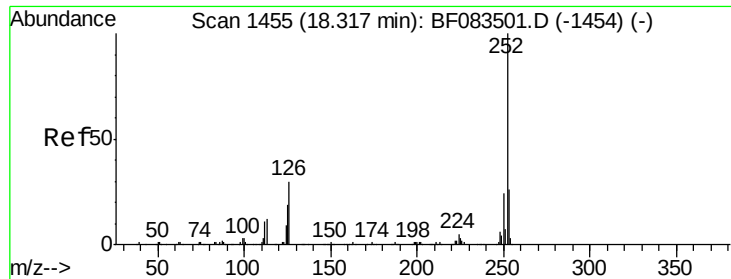
Abundance

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: 1364.31 ng

RT: 18.63 min Scan# 1482

Delta R.T. 0.31 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

Instrument :

BNA_F

ClientSampleId :

SHED-SOUTH-WALL

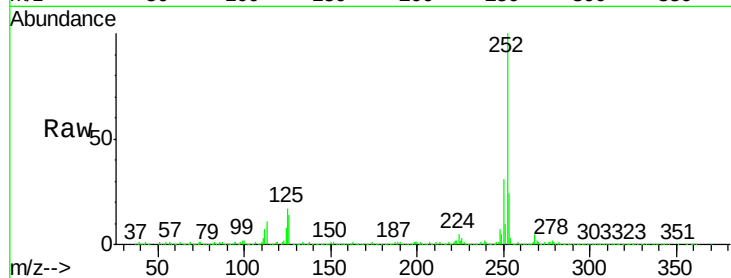
Tgt Ion:252 Resp: 3115706

Ion Ratio Lower Upper

252 100

253 23.7 18.6 27.8

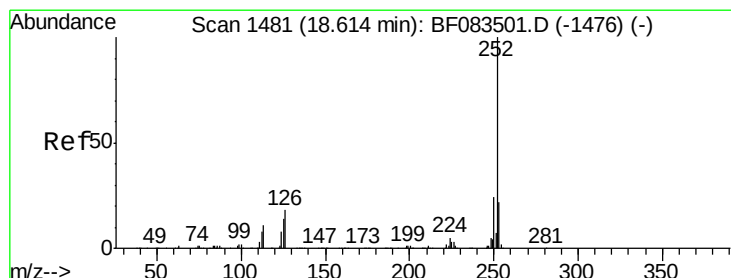
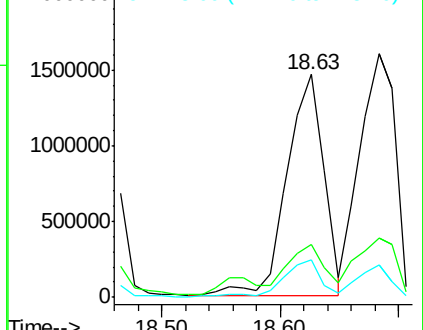
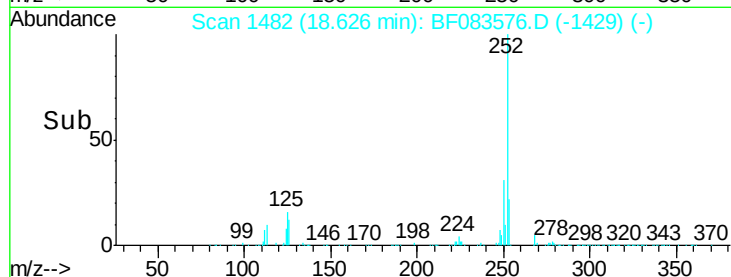
125 16.9 11.5 17.3



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: 380.21 ng

RT: 18.75 min Scan# 1493

Delta R.T. 0.14 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

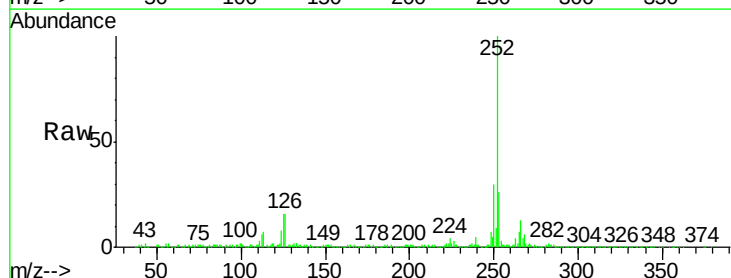
Tgt Ion:252 Resp: 824468

Ion Ratio Lower Upper

252 100

253 26.1 17.5 26.3

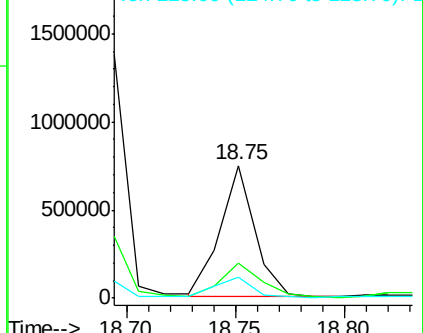
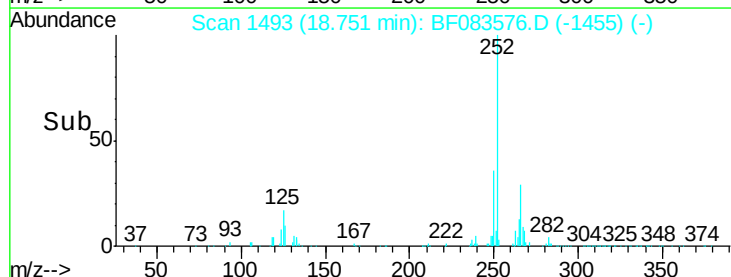
125 16.1 11.0 16.6

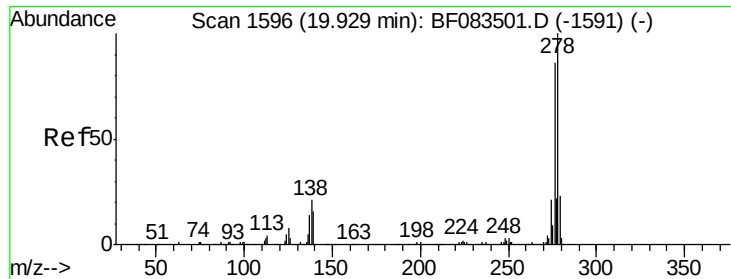


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 156.57 ng

RT: 20.15 min Scan# 1615

Delta R.T. 0.22 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

Instrument :

BNA_F

ClientSampleId :

SHED-SOUTH-WALL

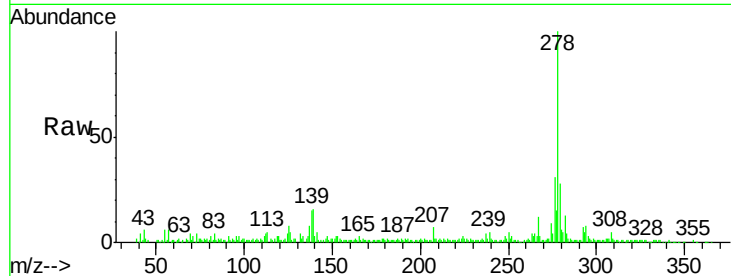
Tgt Ion:278 Resp: 326656

Ion Ratio Lower Upper

278 100

139 16.0 12.8 19.2

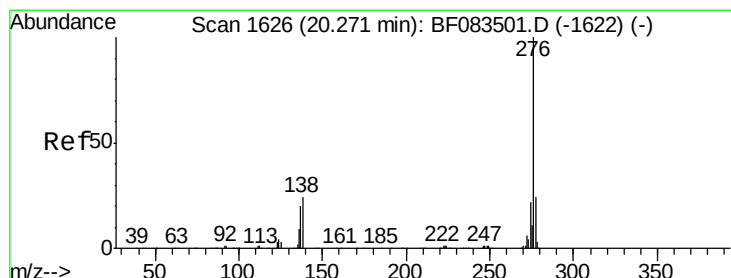
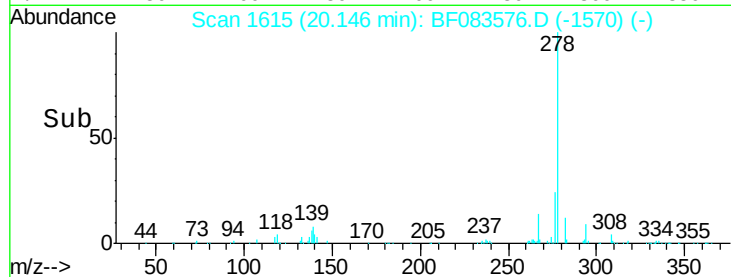
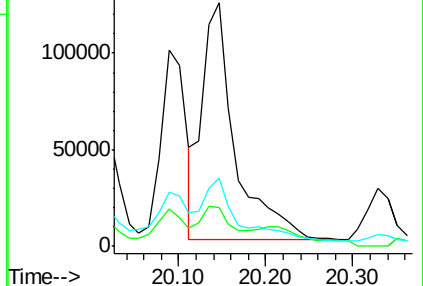
279 28.0 18.6 28.0#



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: 518.01 ng

RT: 20.33 min Scan# 1631

Delta R.T. 0.06 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

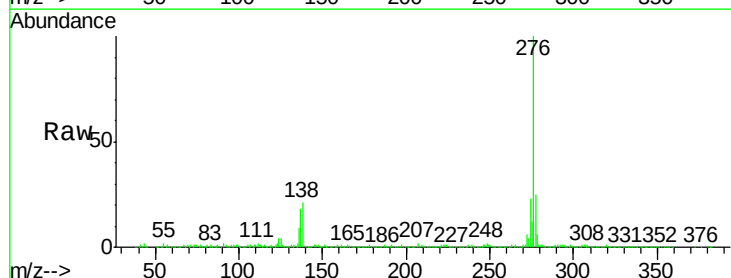
Tgt Ion:276 Resp: 1089082

Ion Ratio Lower Upper

276 100

277 25.5 19.2 28.8

138 21.1 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

