

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051917\
 Data File : BF095273.D
 Acq On : 19 May 2017 20:34
 Operator : SJ/MA
 Sample : I3203-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 00:31:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	83135	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	362481	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	166206	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	275138	20.00	ng	0.00
75) Chrysene-d12	18.69	240	183407	20.00	ng	0.00
86) Perylene-d12	20.37	264	140883	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	143049	28.69	ng	0.04
7) Phenol-d6	7.31	99	396817	66.32	ng	0.00
23) Nitrobenzene-d5	8.66	82	389125	67.69	ng	-0.01
41) 2,4,6-Tribromophenol	13.93	330	12469	9.16	ng	0.01
44) 2-Fluorobiphenyl	11.55	172	823328	71.30	ng	0.00
78) Terphenyl-d14	17.35	244	616074	73.99	ng	0.00

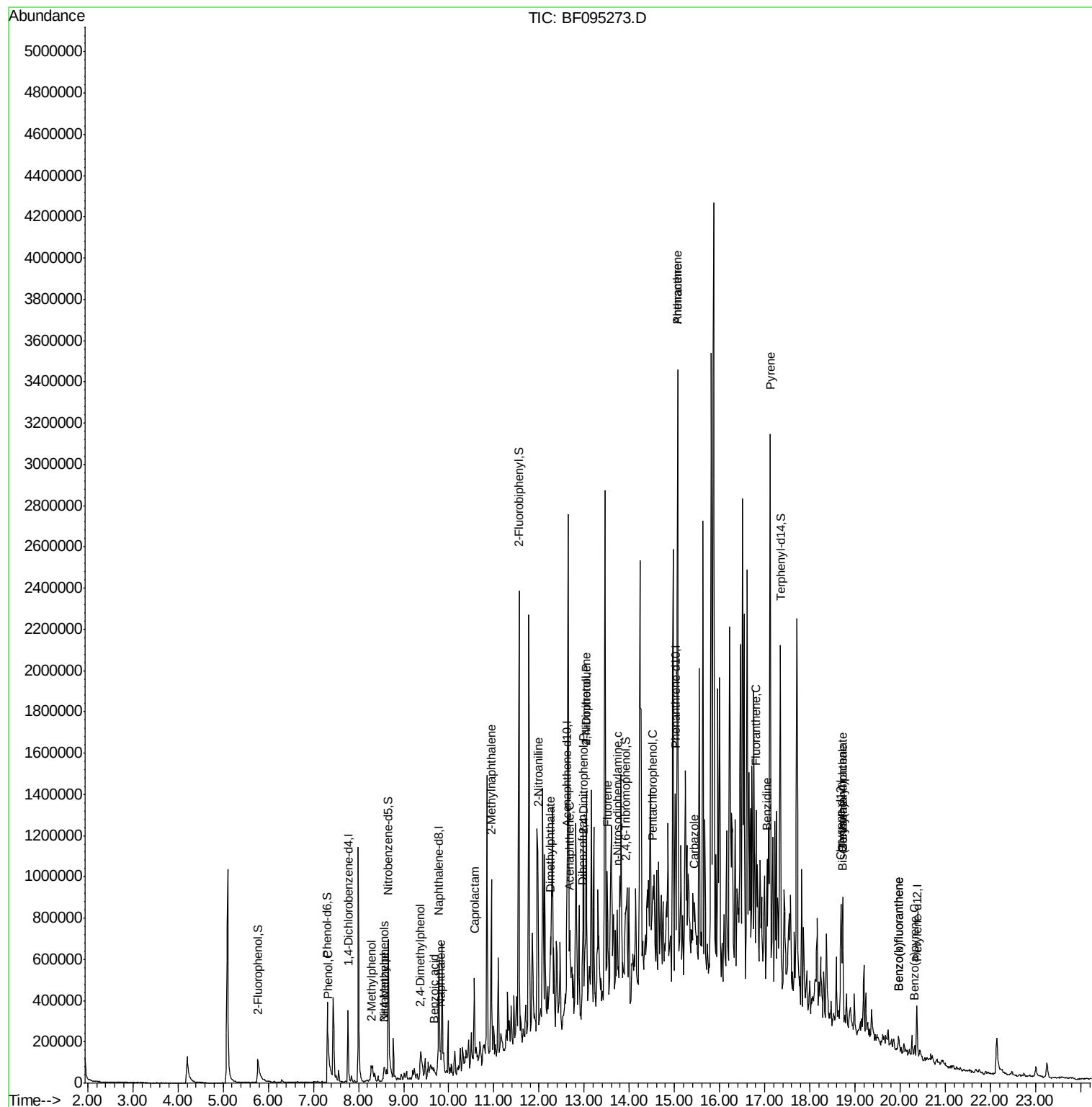
Target Compounds						Qvalue
10) Phenol	7.34	94	24305	3.86	ng	# 78
17) 2-Methylphenol	8.28	107	46592	10.03	ng	91
20) 3+4-Methylphenols	8.58	107	55536	8.80	ng	# 62
24) Nitrobenzene	8.58	77	13669	2.27	ng	# 56
27) 2,4-Dimethylphenol	9.38	122	45914	8.73	ng	91
31) Naphthalene	9.82	128	66343	3.64	ng	98
32) Benzoic acid	9.67	122	15735	9.16	ng	# 19
35) Caprolactam	10.57	113	11910	7.99	ng	# 74
37) 2-Methylnaphthalene	10.94	142	315234	26.36	ng	98
47) 2-Nitroaniline	11.97	65	7150	2.31	ng	# 51
49) Dimethylphthalate	12.25	163	99902	7.32	ng	99
51) Acenaphthene	12.67	154	48799	4.62	ng	97
53) 2,4-Dinitrophenol	13.00	184	872	6.77	ng	# 1
54) Dibenzofuran	12.97	168	46238	3.16	ng	# 73
55) 4-Nitrophenol	13.05	139	15452	8.61	ng	88
56) 2,4-Dinitrotoluene	13.05	165	17089	4.78	ng	# 56
57) Fluorene	13.51	166	113865	8.95	ng	# 94
65) n-Nitrosodiphenylamine	13.73	169	122760	12.29	ng	# 55
69) Pentachlorophenol	14.52	266	1045	6.58	ng	# 18
70) Phenanthrene	15.08	178	1977474	125.09	ng	98
71) Anthracene	15.08	178	1977474	122.46	ng	99
72) Carbazole	15.44	167	36782	2.50	ng	# 70
74) Fluoranthene	16.81	202	494831	30.51	ng	99
76) Benzidine	17.04	184	2818	7.08	ng	# 1
77) Pyrene	17.12	202	1674435	122.07	ng	99
80) Benzo(a)anthracene	18.72	228	331184	31.03	ng	97
82) Chrysene	18.72	228	331184	32.09	ng	97
83) Bis(2-ethylhexyl)phthalate	18.74	149	32131	3.53	ng	# 99
87) Benzo(b)fluoranthene	19.97	252	39213	4.50	ng	# 88
88) Benzo(k)fluoranthene	19.97	252	39213	4.67	ng	# 92
89) Benzo(a)pyrene	20.32	252	20015	2.49	ng	# 89

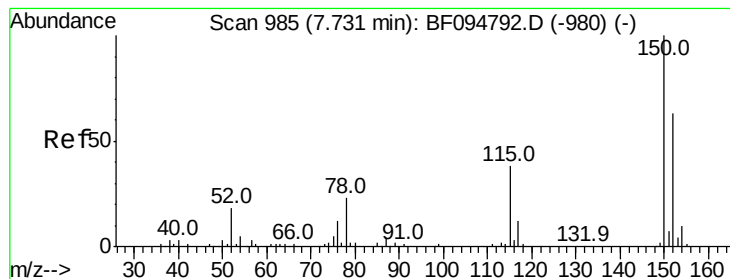
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051917\
Data File : BF095273.D
Acq On : 19 May 2017 20:34
Operator : SJ/MA
Sample : I3203-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :

Quant Time: May 20 00:31:08 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 17:07:53 2017
Response via : Initial Calibration



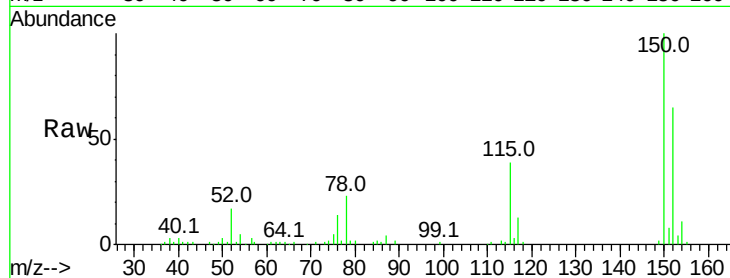


#1

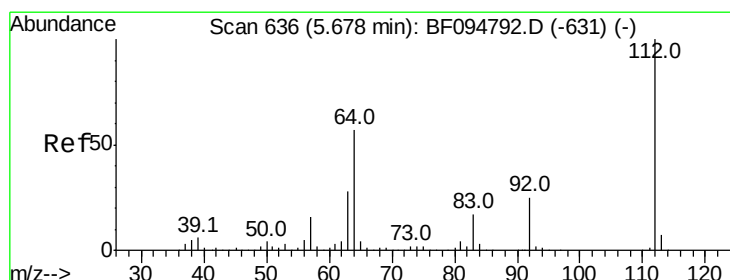
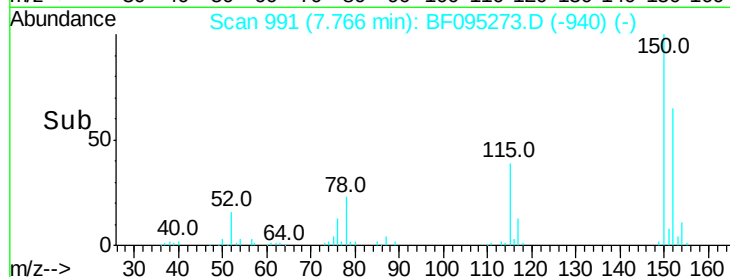
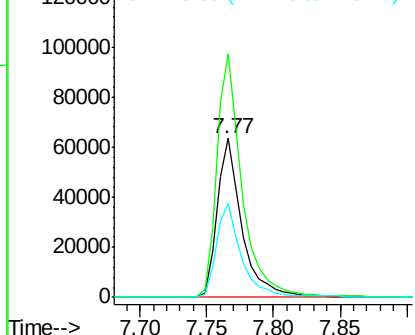
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF095273.D
Acq: 19 May 2017 20:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 83135
Ion Ratio Lower Upper
152 100
150 153.3 126.2 189.2
115 59.1 52.2 78.2



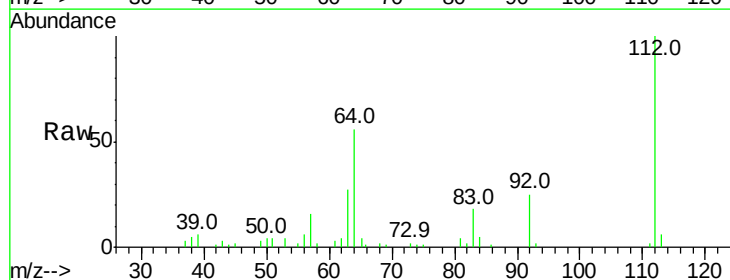
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



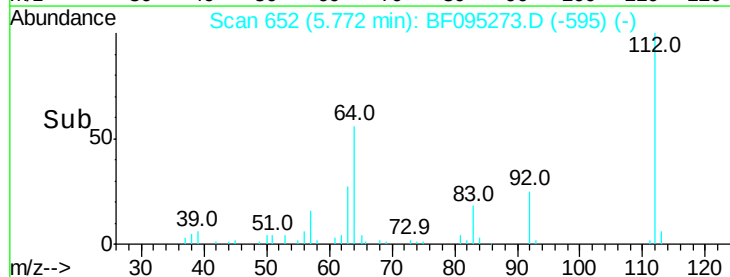
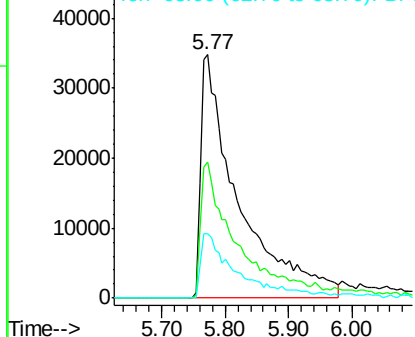
#5

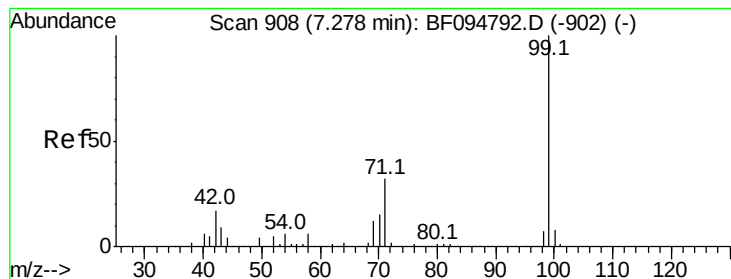
2-Fluorophenol
Concen: 28.69 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.04 min
Lab File: BF095273.D
Acq: 19 May 2017 20:34

Tgt Ion:112 Resp: 143049
Ion Ratio Lower Upper
112 100
64 56.1 46.0 69.0
63 26.6 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 66.32 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095273.D

Acq: 19 May 2017 20:34

Instrument :

BNA_F

ClientSampled :

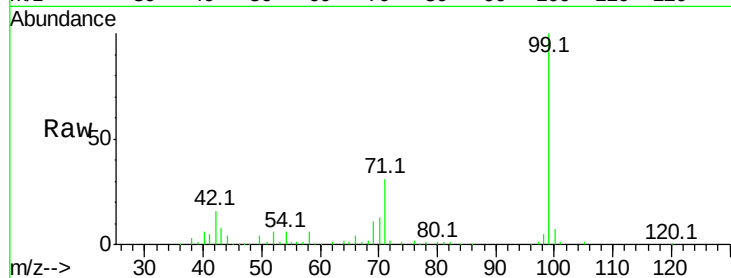
Tot Ion: 99 Resp: 396817

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

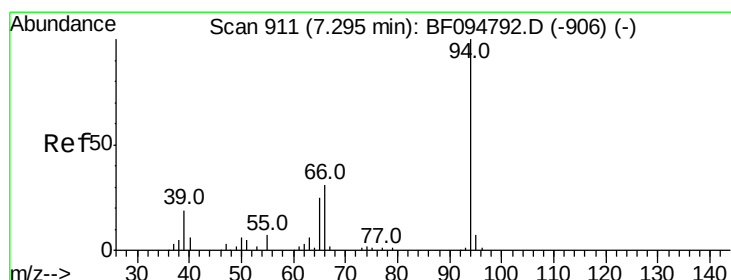
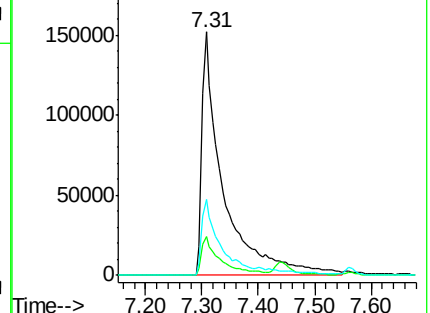
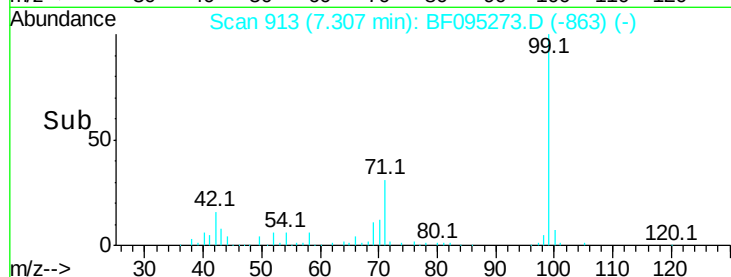
71 31.4 24.5 36.7



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: 3.86 ng

RT: 7.34 min Scan# 918

Delta R.T. 0.01 min

Lab File: BF095273.D

Acq: 19 May 2017 20:34

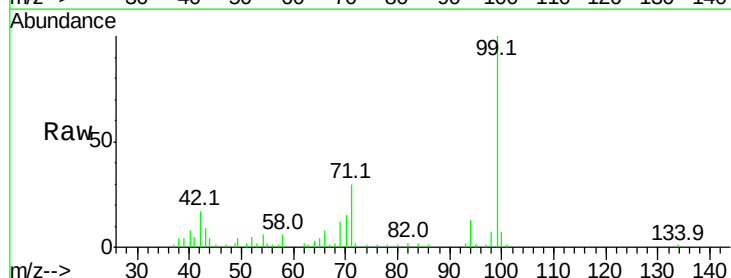
Tgt Ion: 94 Resp: 24305

Ion Ratio Lower Upper

94 100

65 34.3 9.9 49.9

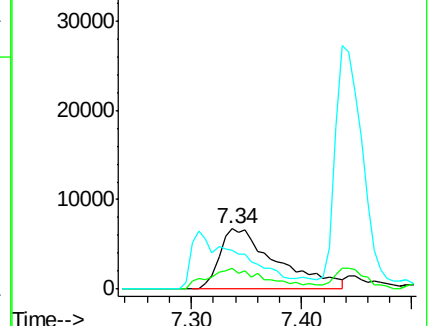
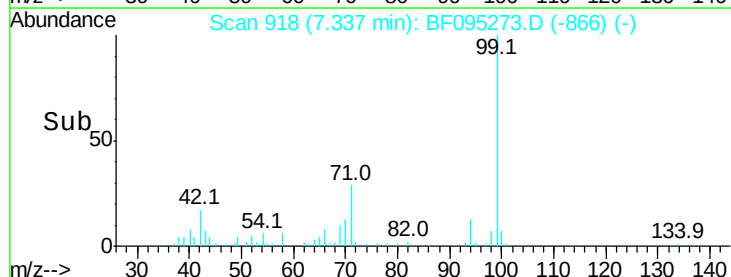
66 63.6 23.1 63.1#

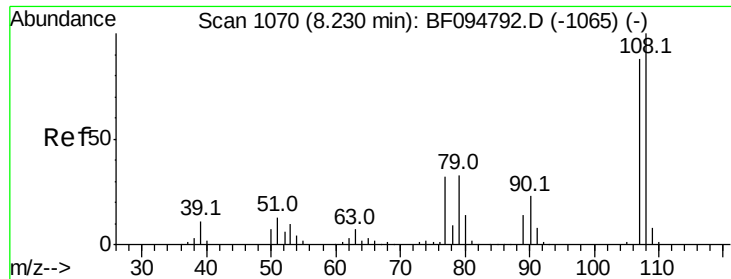


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

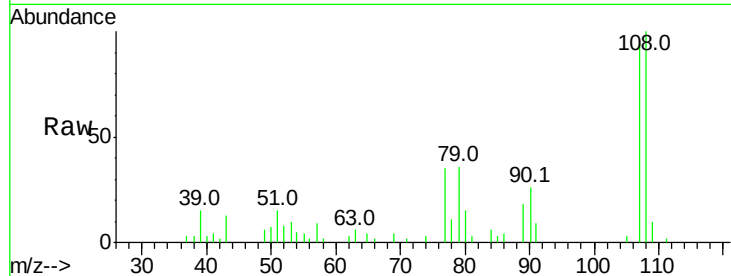




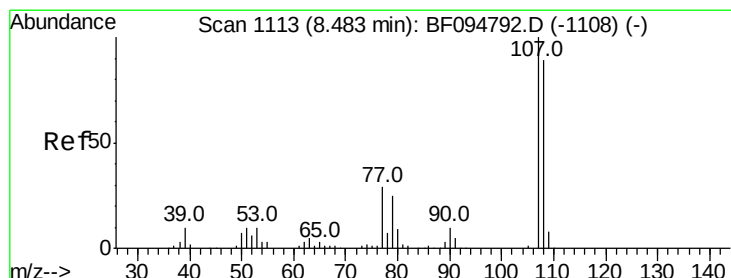
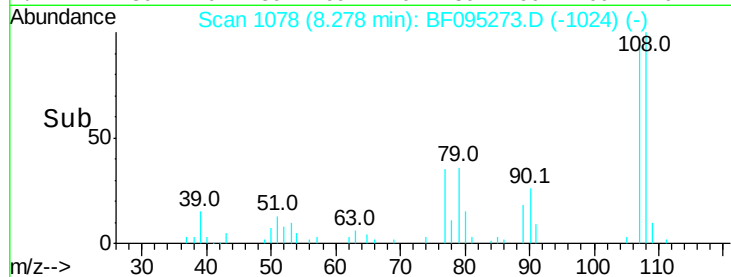
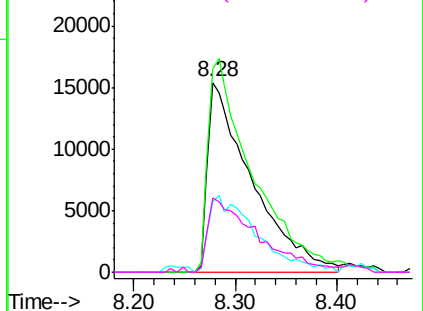
#17
2-Methylphenol
Concen: 10.03 ng
RT: 8.28 min Scan# 1078
Delta R.T. 0.02 min
Lab File: BF095273.D
Acq: 19 May 2017 20:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:107	Resp:	46592
Ion Ratio	Lower	Upper
107	100	
108	106.9	93.4 140.0
77	37.3	35.8 53.6
79	38.8	34.8 52.2

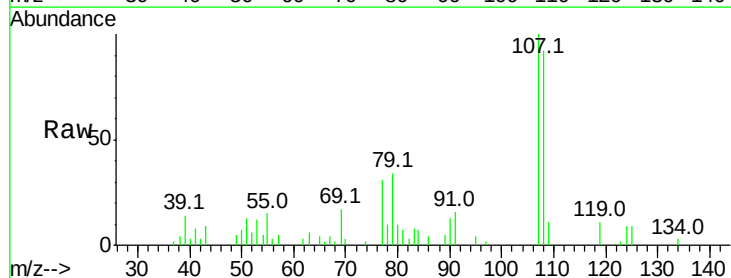


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

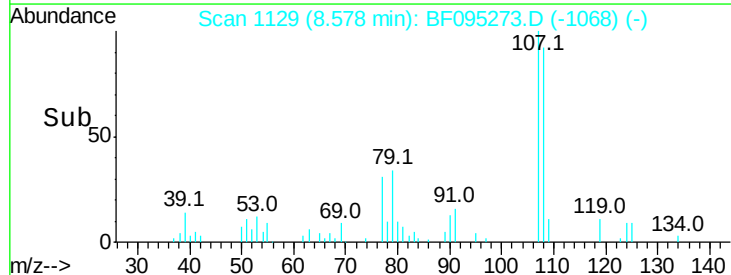
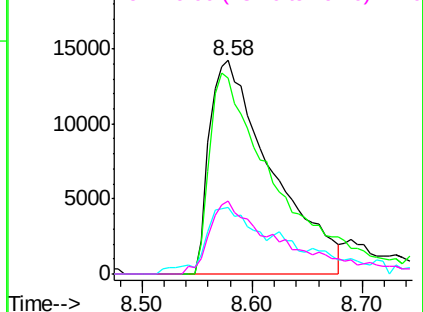


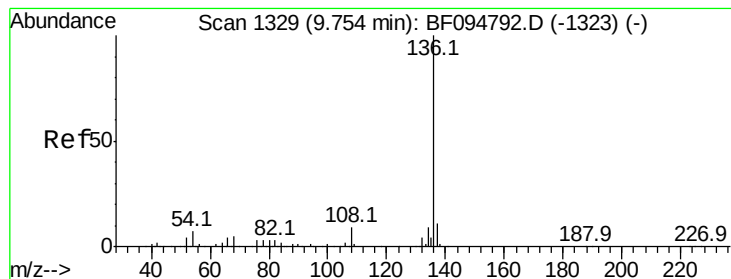
#20
3+4-Methylphenols
Concen: 8.80 ng
RT: 8.58 min Scan# 1129
Delta R.T. 0.06 min
Lab File: BF095273.D
Acq: 19 May 2017 20:34

Tgt Ion:107	Resp:	55536
Ion Ratio	Lower	Upper
107	100	
108	91.8	71.0 111.0
77	31.3	90.5 130.5#
79	34.1	8.4 48.4



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: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF095273.D

Acq: 19 May 2017 20:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 362481

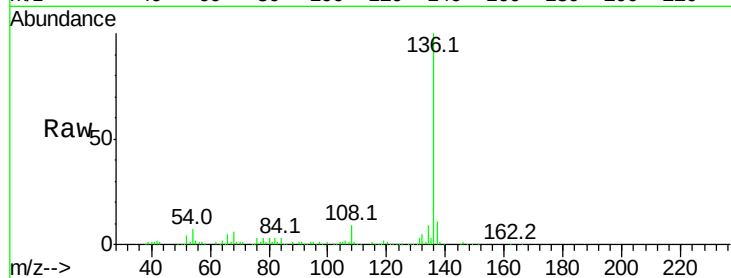
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.4 4.9 7.3#

68 5.6 4.1 6.1

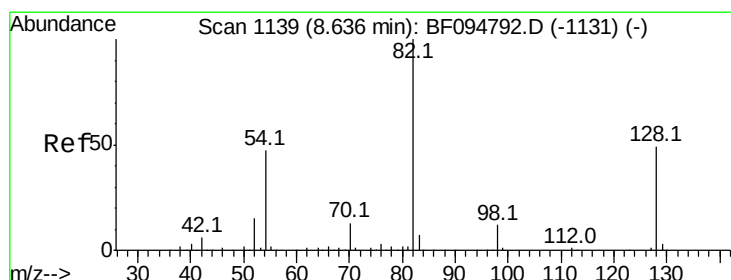
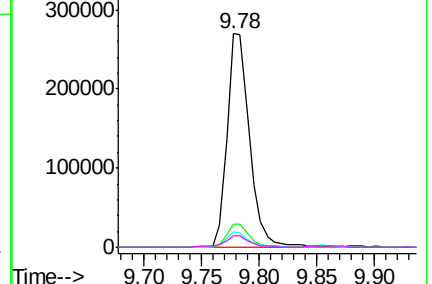
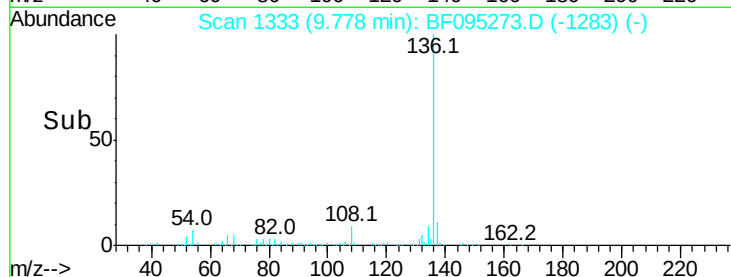


Abundance Ion 136.00 (135.70 to 136.70): E

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: 67.69 ng

RT: 8.66 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF095273.D

Acq: 19 May 2017 20:34

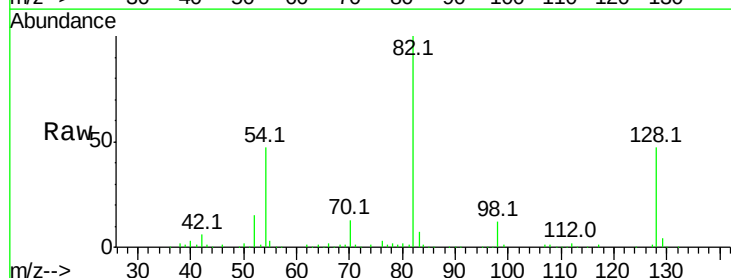
Tgt Ion: 82 Resp: 389125

Ion Ratio Lower Upper

82 100

128 46.9 34.0 51.0

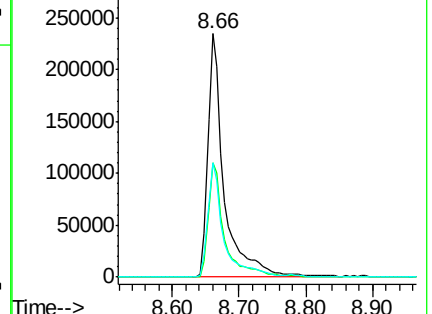
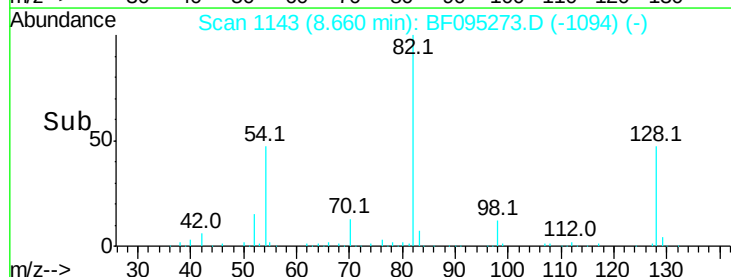
54 46.8 42.2 63.2

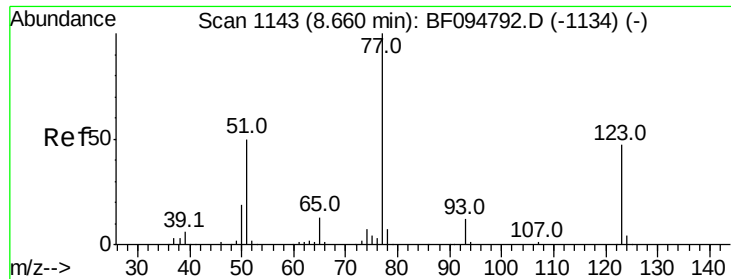


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 2.27 ng

RT: 8.58 min Scan# 1129

Delta R.T. -0.12 min

Lab File: BF095273.D

Acq: 19 May 2017 20:34

Instrument :

BNA_F

ClientSampleId :

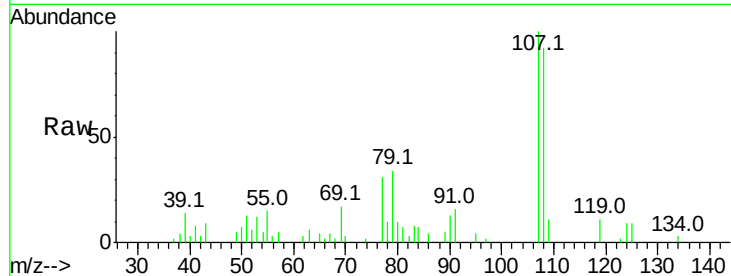
Tot Ion: 77 Resp: 13669

Ion Ratio Lower Upper

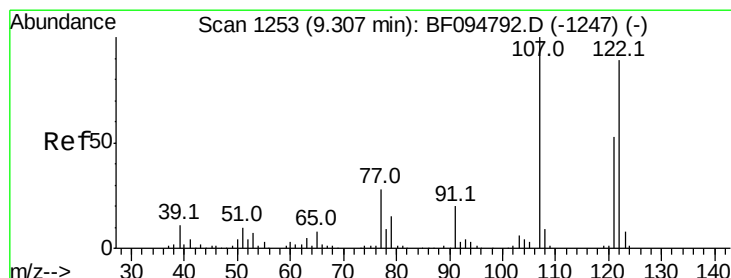
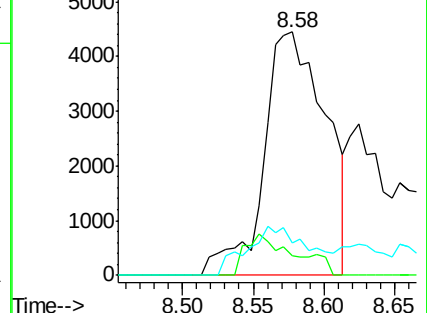
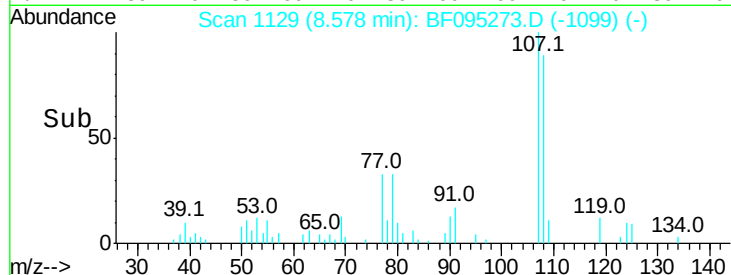
77 100

123 7.9 35.8 53.8#

65 13.2 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BF0



#27

2,4-Dimethylphenol

Concen: 8.73 ng

RT: 9.38 min Scan# 1265

Delta R.T. 0.04 min

Lab File: BF095273.D

Acq: 19 May 2017 20:34

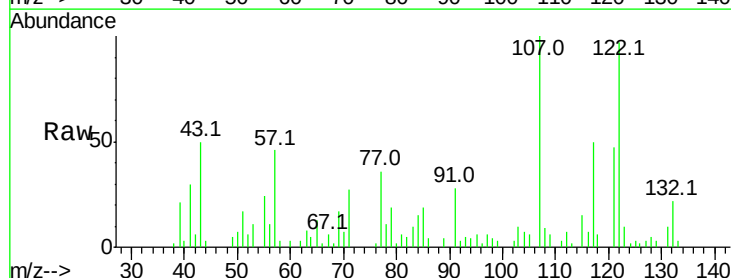
Tgt Ion:122 Resp: 45914

Ion Ratio Lower Upper

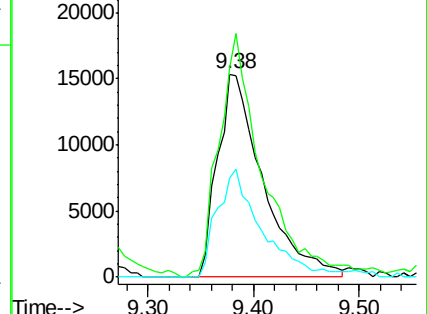
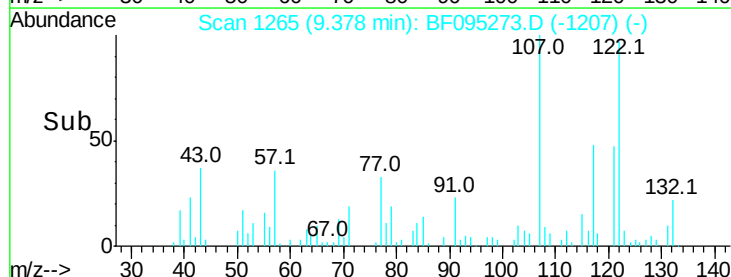
122 100

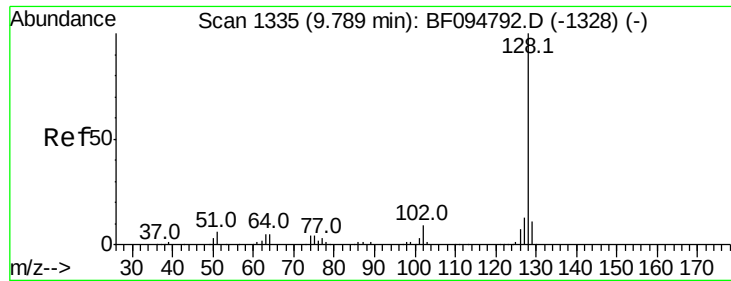
107 103.1 89.2 133.8

121 48.7 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

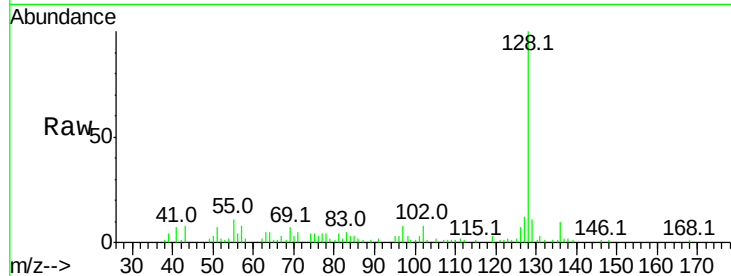




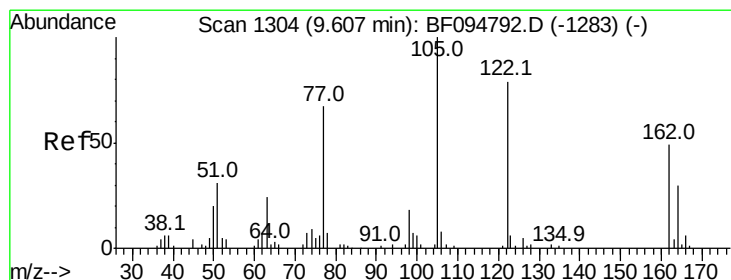
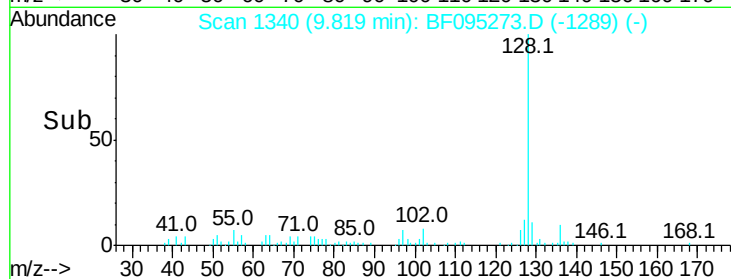
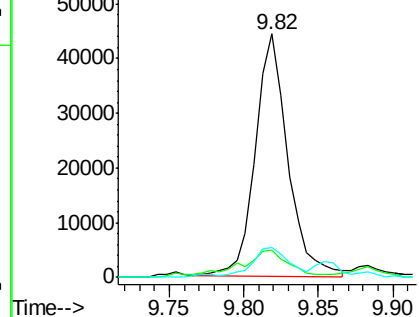
#31
Naphthalene
Concen: 3.64 ng
RT: 9.82 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF095273.D
Acq: 19 May 2017 20:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 66343
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 12.4 10.8 16.2

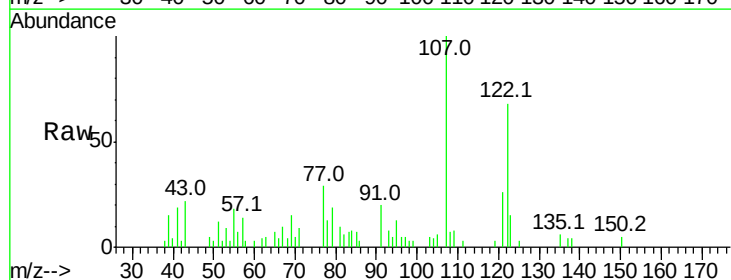


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

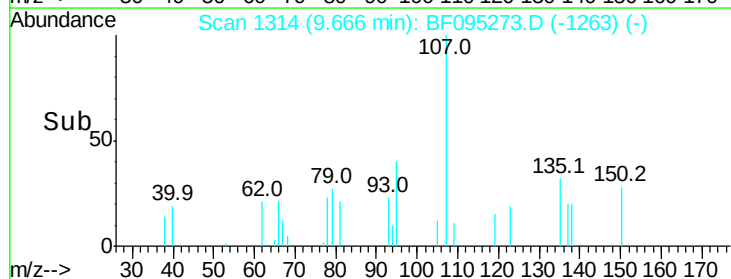
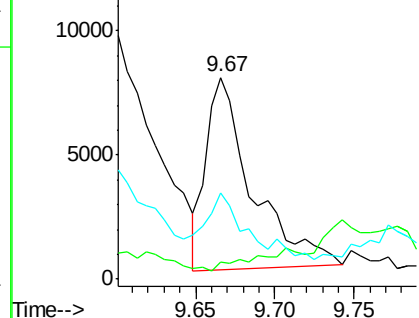


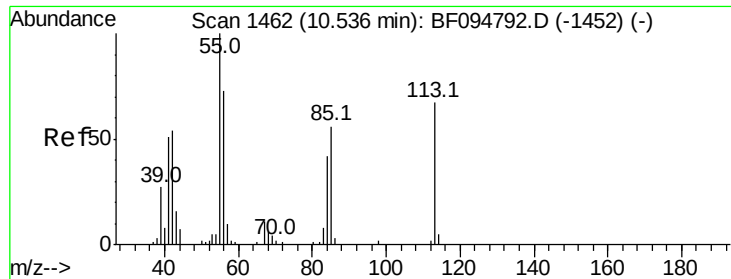
#32
Benzoic acid
Concen: 9.16 ng
RT: 9.67 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF095273.D
Acq: 19 May 2017 20:34

Tgt Ion:122 Resp: 15735
Ion Ratio Lower Upper
122 100
105 8.3 103.3 143.3#
77 42.9 73.7 113.7#



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





#35

Caprolactam

Concen: 7.99 ng

RT: 10.57 min Scan# 1468

Delta R.T. -0.02 min

Lab File: BF095273.D

Acq: 19 May 2017 20:34

Instrument :

BNA_F

ClientSampleId :

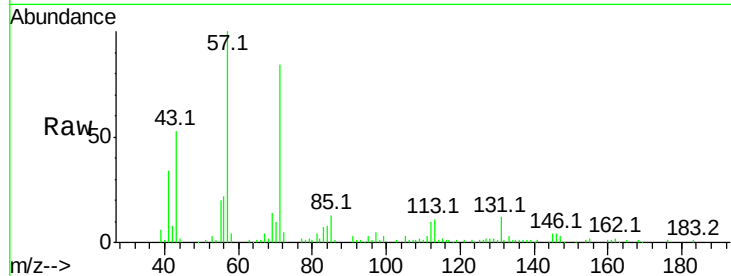
Tot Ion:113 Resp: 11910

Ion Ratio Lower Upper

113 100

55 175.5 150.2 190.2

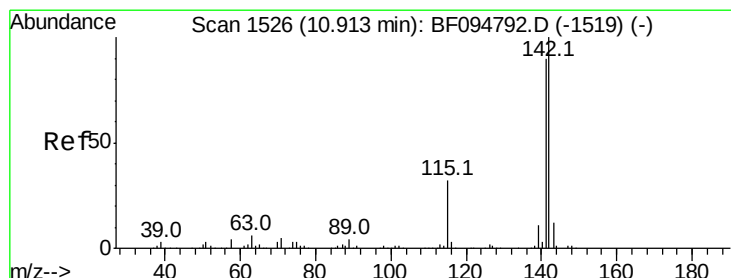
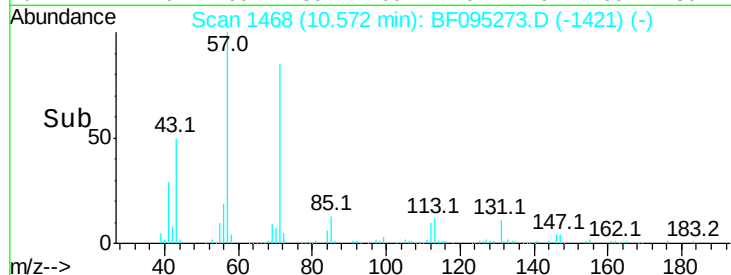
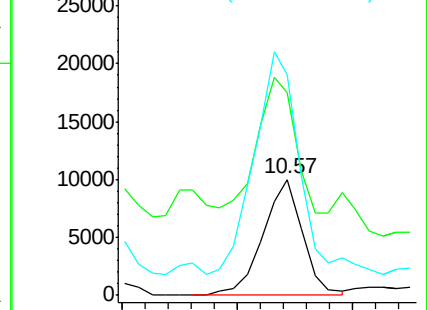
56 191.1 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#37

2-Methylnaphthalene

Concen: 26.36 ng

RT: 10.94 min Scan# 1531

Delta R.T. 0.00 min

Lab File: BF095273.D

Acq: 19 May 2017 20:34

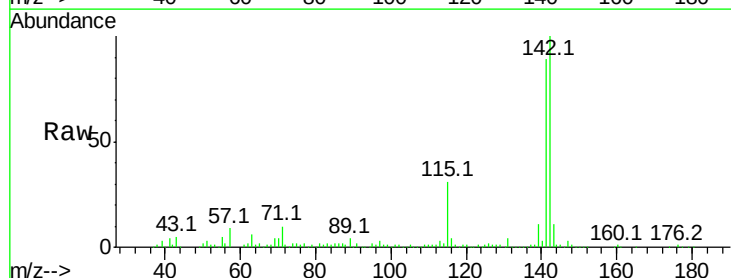
Tgt Ion:142 Resp: 315234

Ion Ratio Lower Upper

142 100

141 89.1 71.3 106.9

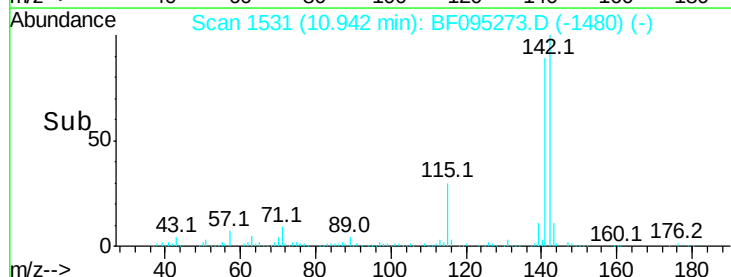
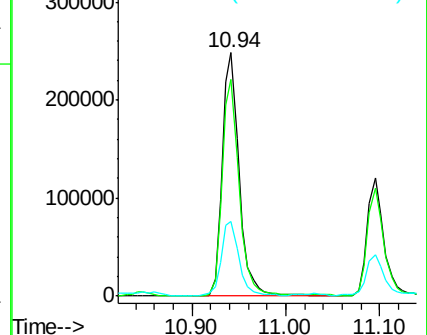
115 30.8 27.1 40.7

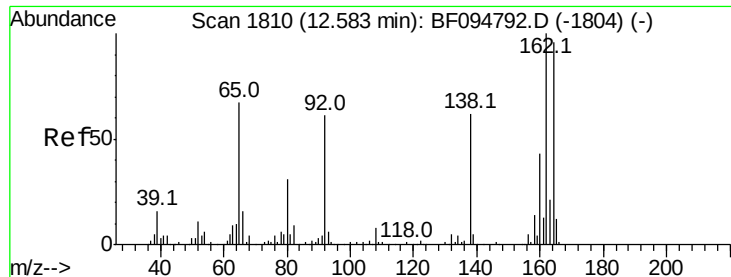


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.61 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF095273.D

Acq: 19 May 2017 20:34

Instrument :

BNA_F

ClientSampleId :

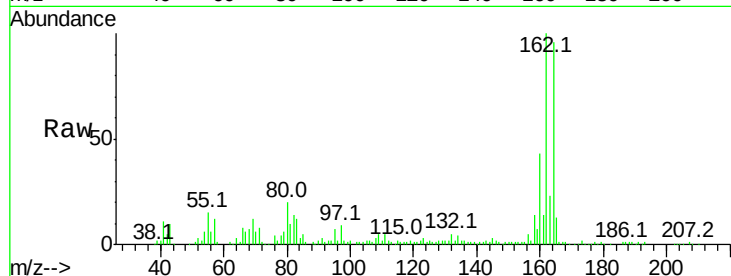
Tot Ion:164 Resp: 166206

Ion Ratio Lower Upper

164 100

162 103.8 82.6 123.8

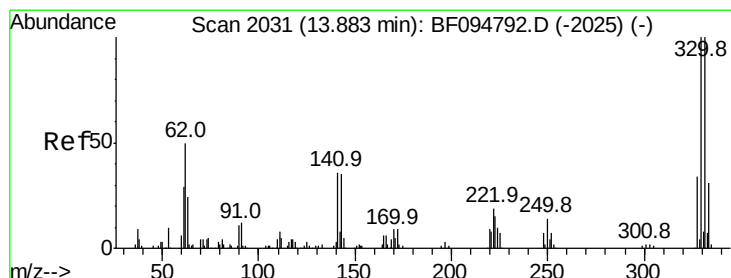
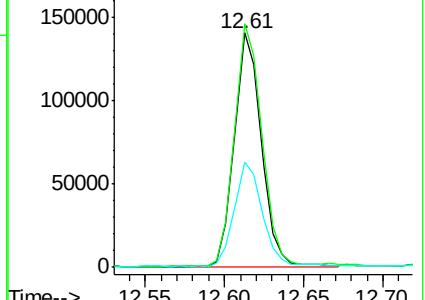
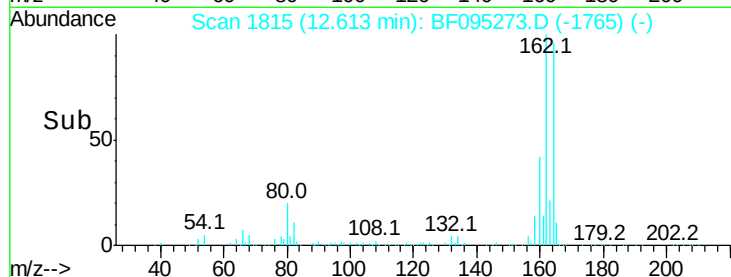
160 44.8 36.2 54.2



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: 9.16 ng

RT: 13.93 min Scan# 2039

Delta R.T. 0.01 min

Lab File: BF095273.D

Acq: 19 May 2017 20:34

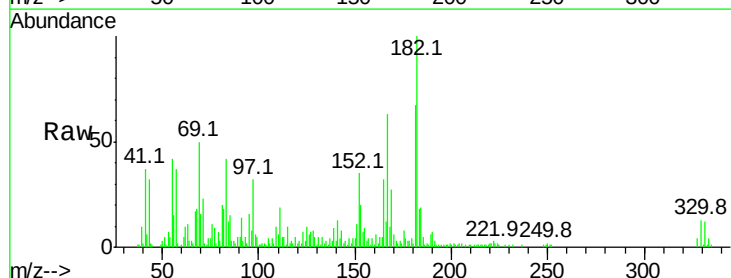
Tgt Ion:330 Resp: 12469

Ion Ratio Lower Upper

330 100

332 97.6 76.6 115.0

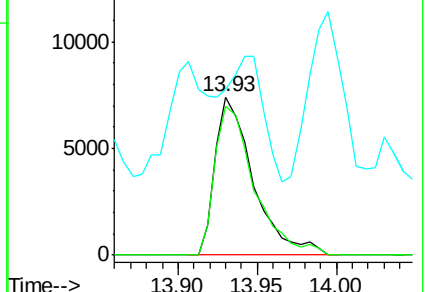
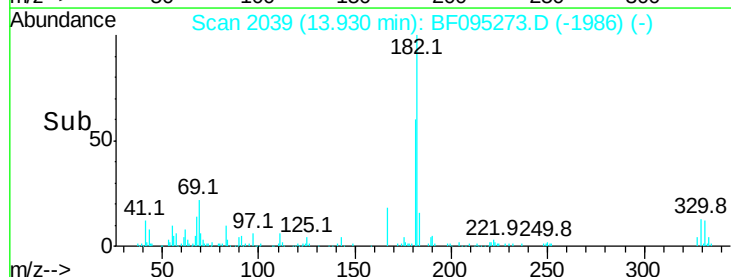
141 73.3 31.4 47.2#

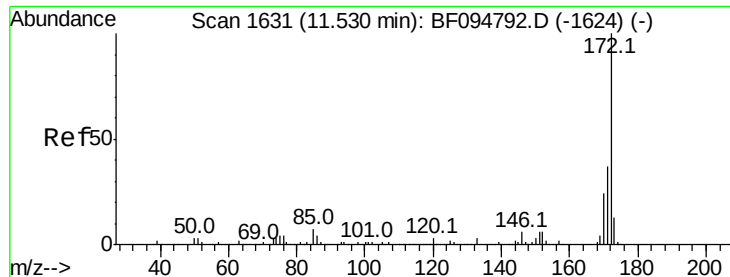


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 71.30 ng

RT: 11.55 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BF095273.D

Acq: 19 May 2017 20:34

Instrument :

BNA_F

ClientSampleId :

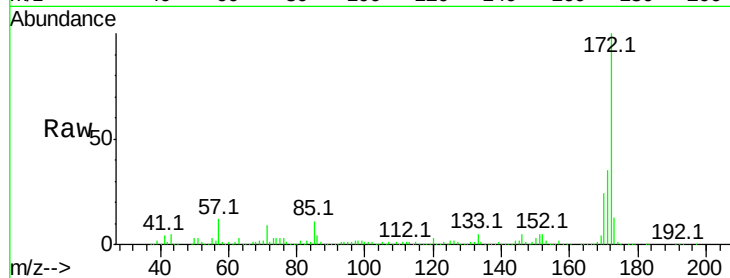
Tot Ion:172 Resp: 823328

Ion Ratio Lower Upper

172 100

171 35.5 29.6 44.4

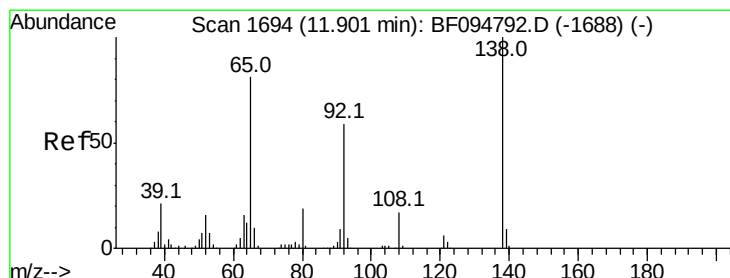
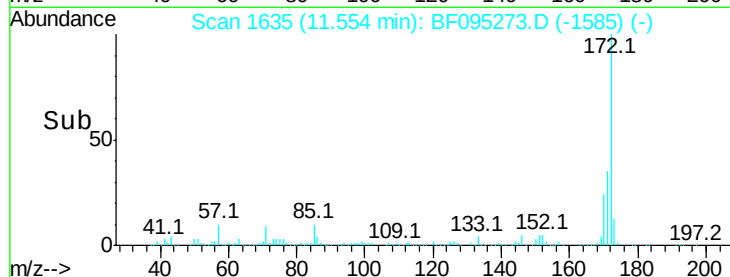
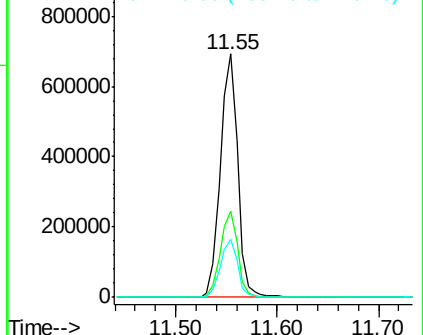
170 23.6 19.8 29.8



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



#47

2-Nitroaniline

Concen: 2.31 ng

RT: 11.97 min Scan# 1706

Delta R.T. 0.02 min

Lab File: BF095273.D

Acq: 19 May 2017 20:34

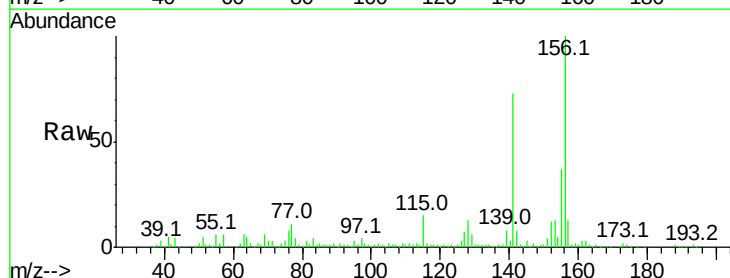
Tgt Ion: 65 Resp: 7150

Ion Ratio Lower Upper

65 100

92 43.1 53.9 80.9#

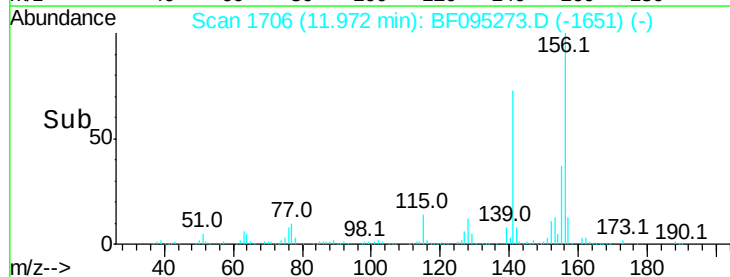
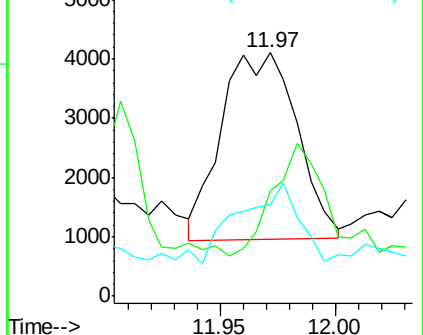
138 37.4 78.8 118.2#

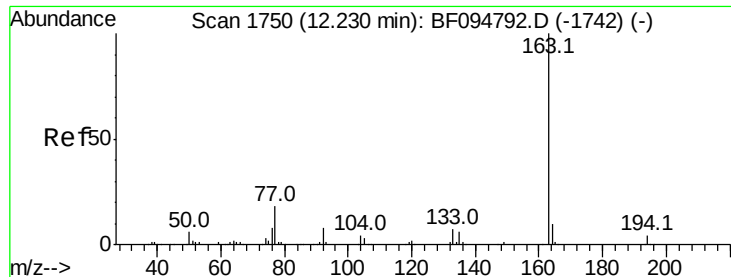


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#49

Dimethylphthalate

Concen: 7.32 ng

RT: 12.25 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BF095273.D

Acq: 19 May 2017 20:34

Instrument :

BNA_F

ClientSampleId :

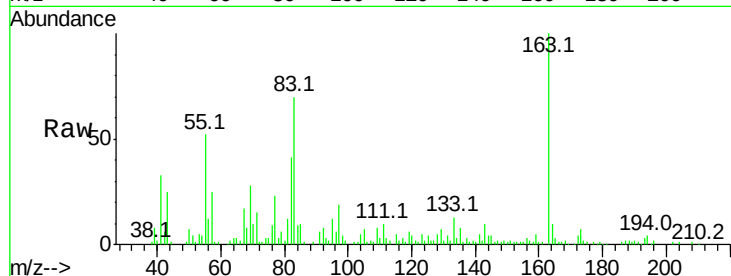
Tot Ion:163 Resp: 99902

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

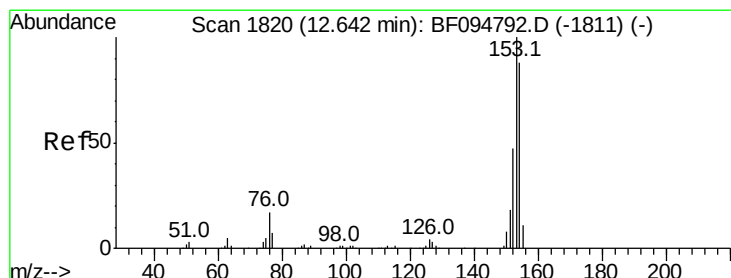
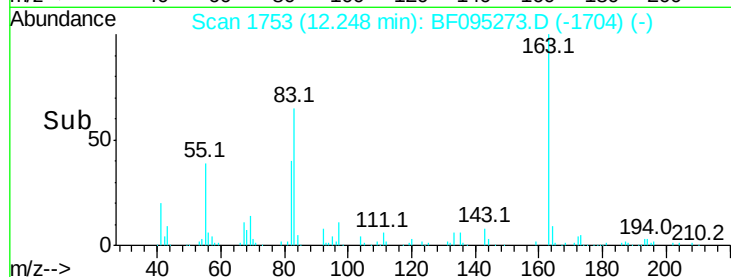
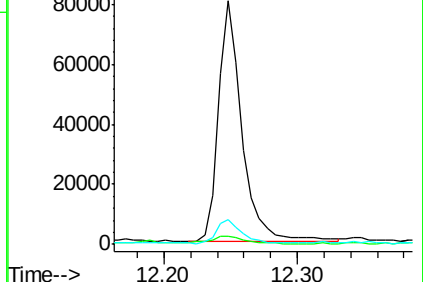
164 10.1 8.4 12.6



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: 4.62 ng

RT: 12.67 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF095273.D

Acq: 19 May 2017 20:34

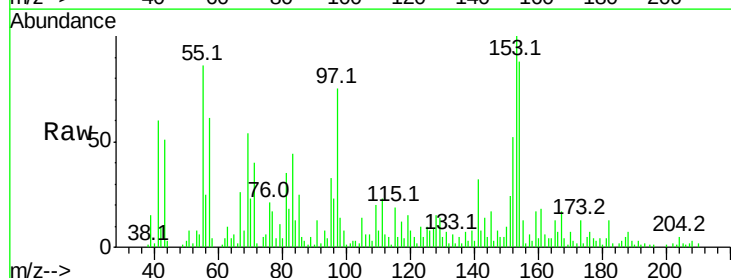
Tgt Ion:154 Resp: 48799

Ion Ratio Lower Upper

154 100

153 113.6 90.5 135.7

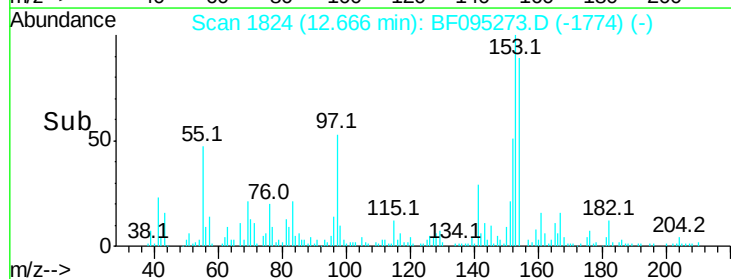
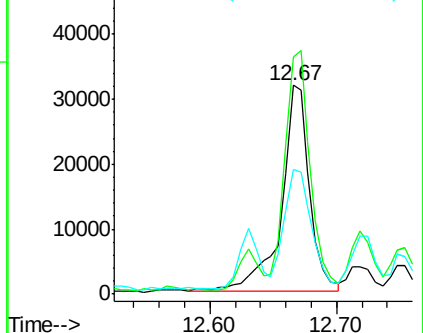
152 59.7 43.6 65.4

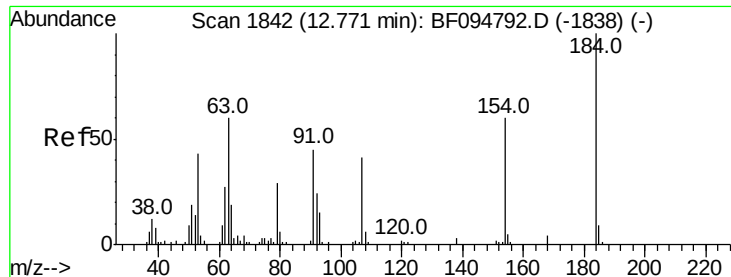


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

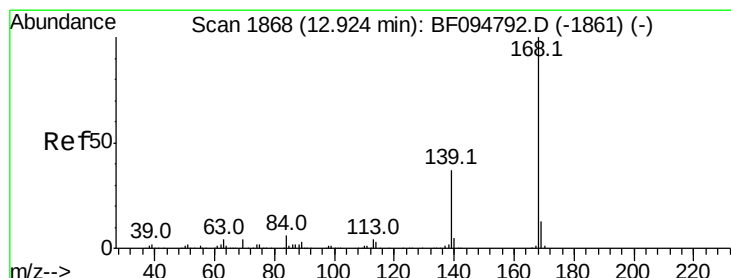
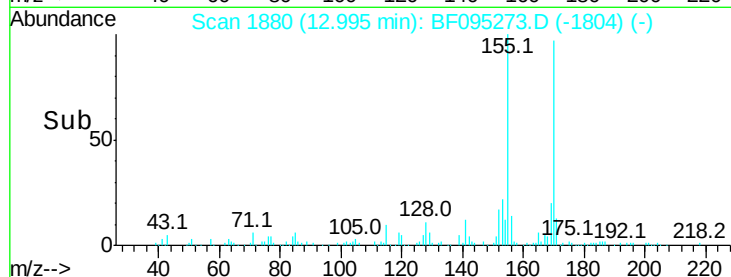
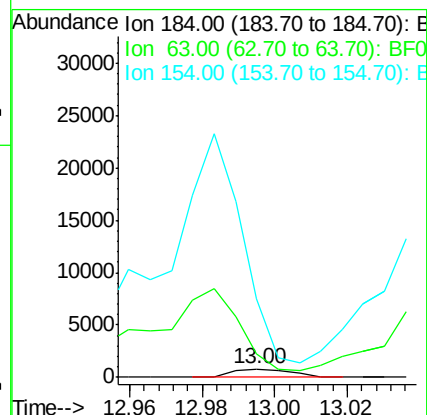
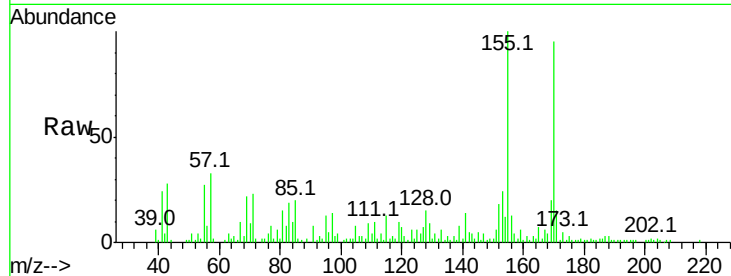




#53
2,4-Dinitrophenol
Concen: 6.77 ng
RT: 13.00 min Scan# 1880
Delta R.T. 0.15 min
Lab File: BF095273.D
Acq: 19 May 2017 20:34

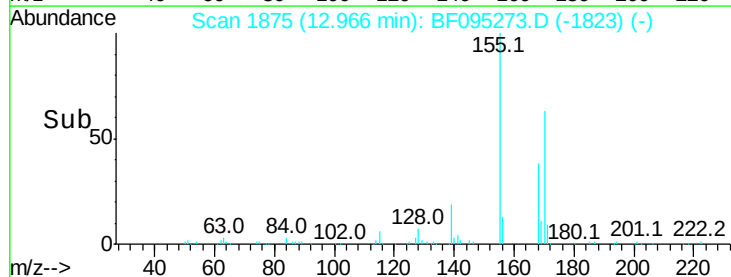
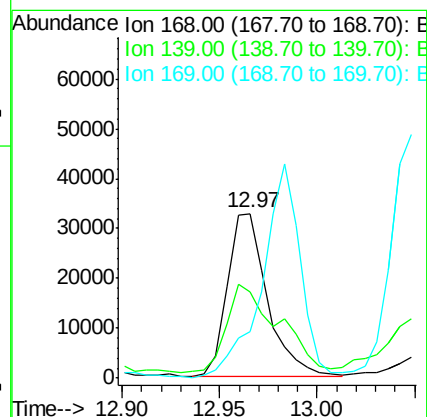
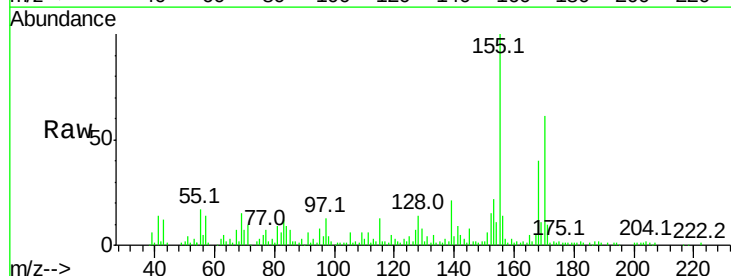
Instrument :
BNA_F
ClientSampled :

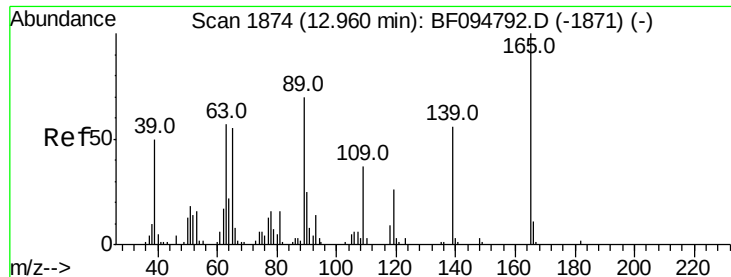
Tot Ion:184 Resp: 872
Ion Ratio Lower Upper
184 100
63 266.0 62.7 94.1#
154 902.1 81.1 121.7#



#54
Dibenzofuran
Concen: 3.16 ng
RT: 12.97 min Scan# 1875
Delta R.T. 0.01 min
Lab File: BF095273.D
Acq: 19 May 2017 20:34

Tgt Ion:168 Resp: 46238
Ion Ratio Lower Upper
168 100
139 52.1 30.6 45.8#
169 28.3 10.8 16.2#





#55

4-Nitrophenol

Concen: 8.61 ng

RT: 13.05 min Scan# 1889

Delta R.T. 0.01 min

Lab File: BF095273.D

Acq: 19 May 2017 20:34

Instrument :

BNA_F

ClientSampleId :

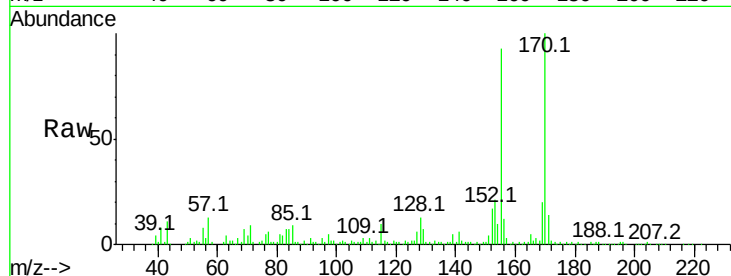
Tot Ion:139 Resp: 15452

Ion Ratio Lower Upper

139 100

109 52.9 34.1 74.1

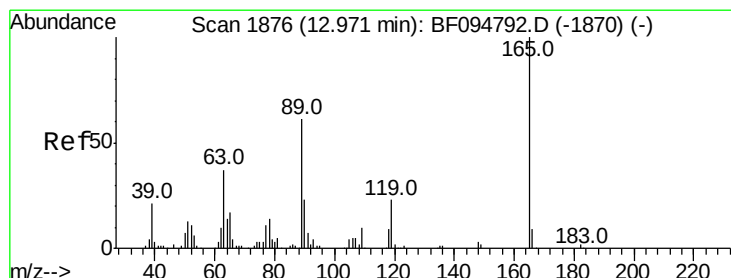
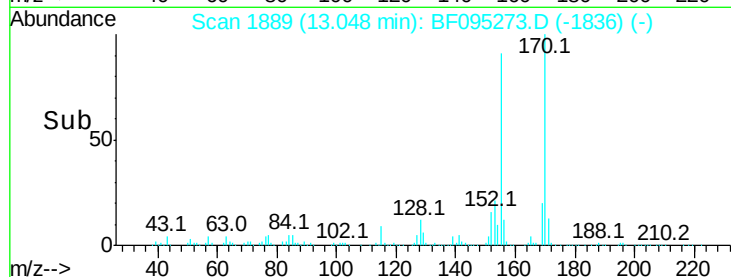
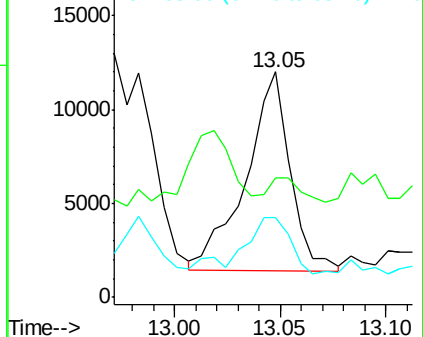
65 35.5 31.4 71.4



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: 4.78 ng

RT: 13.05 min Scan# 1889

Delta R.T. 0.02 min

Lab File: BF095273.D

Acq: 19 May 2017 20:34

Tgt Ion:165 Resp: 17089

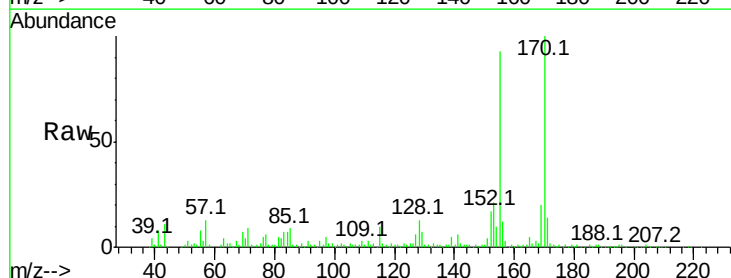
Ion Ratio Lower Upper

165 100

63 70.5 25.4 38.0#

89 35.3 46.4 69.6#

182 5.8 1.8 2.6#

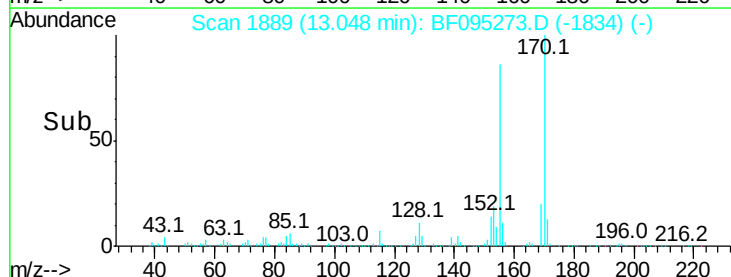
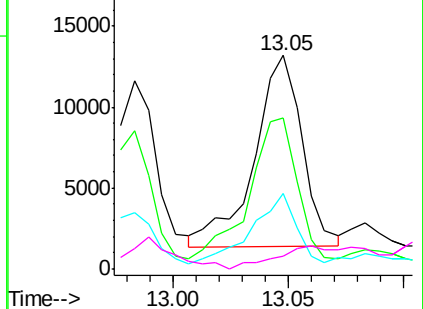


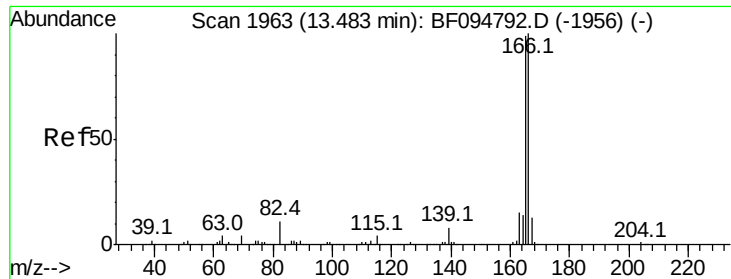
Abundance Ion 165.00 (164.70 to 165.70): E

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

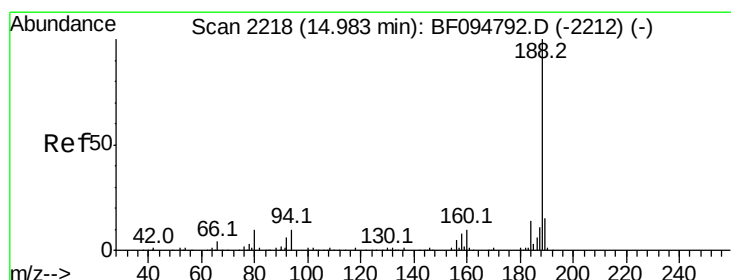
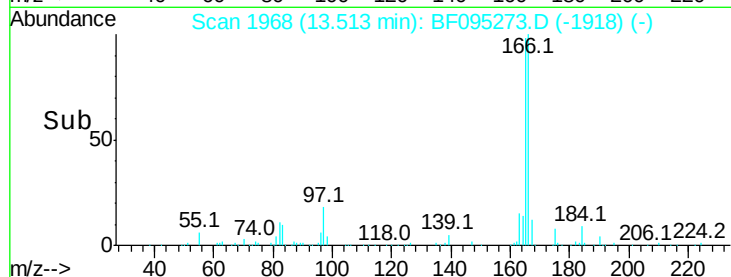
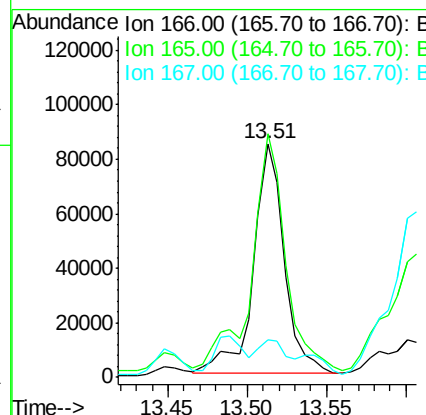
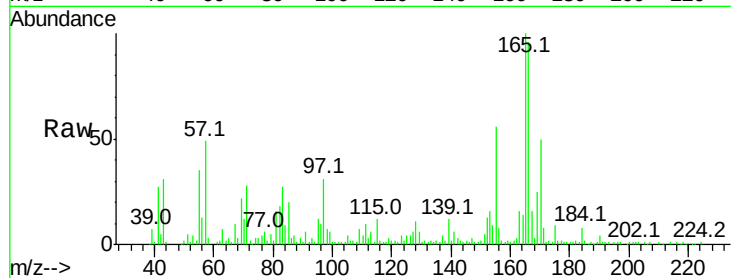




#57
 Fluorene
 Concen: 8.95 ng
 RT: 13.51 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: BF095273.D
 Acq: 19 May 2017 20:34

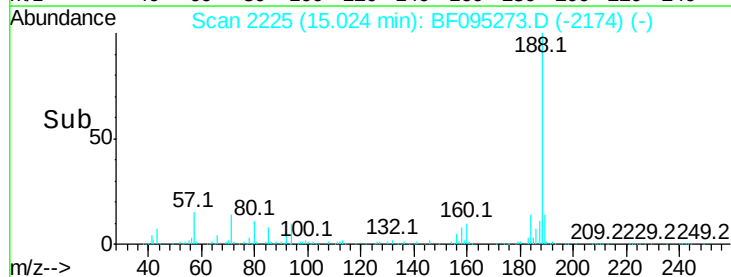
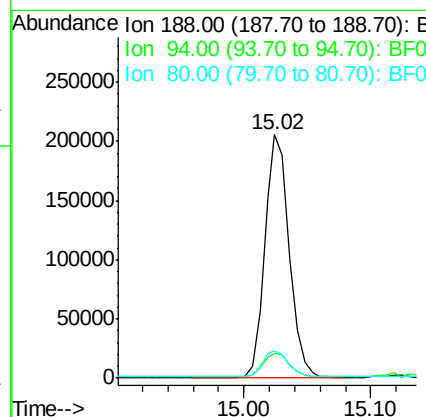
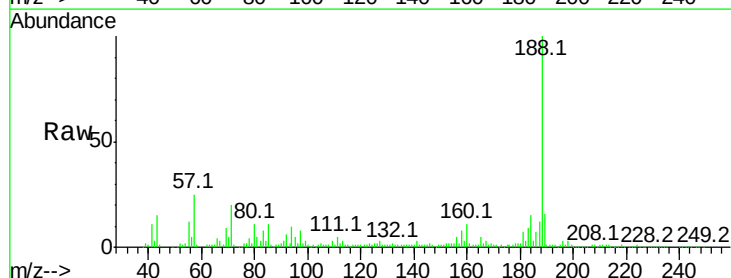
Instrument :
 BNA_F
 ClientSampleId :

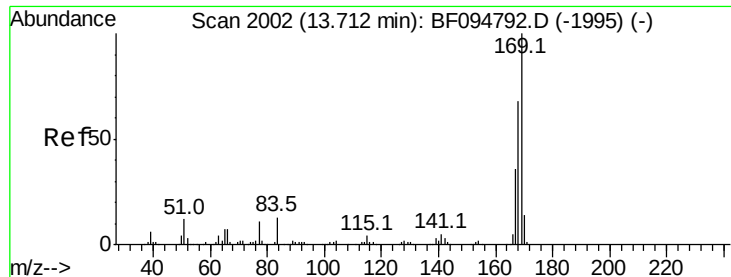
Tot Ion:166 Resp: 113865
 Ion Ratio Lower Upper
 166 100
 165 104.1 78.8 118.2
 167 16.3 10.6 16.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: BF095273.D
 Acq: 19 May 2017 20:34

Tgt Ion:188 Resp: 275138
 Ion Ratio Lower Upper
 188 100
 94 10.4 9.4 14.2
 80 11.5 10.2 15.2





#65

n-Nitrosodiphenylamine

Concen: 12.29 ng

RT: 13.73 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF095273.D

Acq: 19 May 2017 20:34

Instrument :

BNA_F

ClientSampleId :

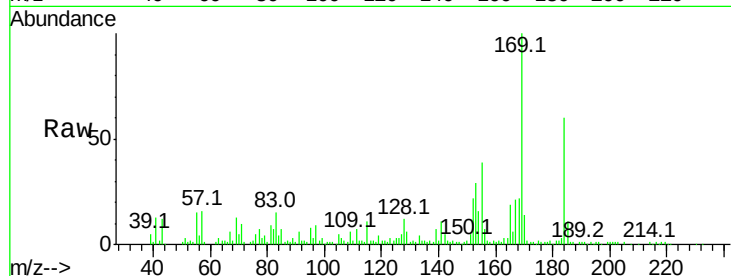
Tot Ion:169 Resp: 122760

Ion Ratio Lower Upper

169 100

168 22.3 53.2 79.8#

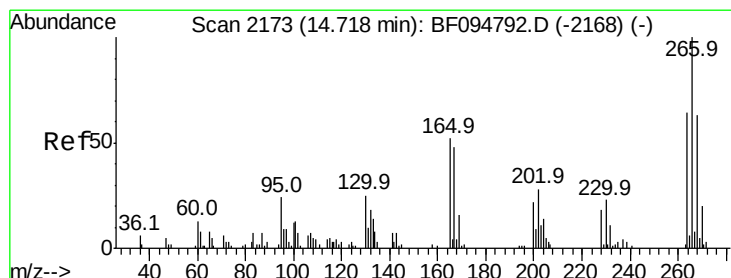
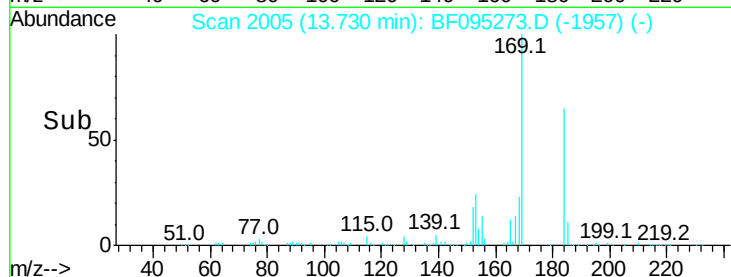
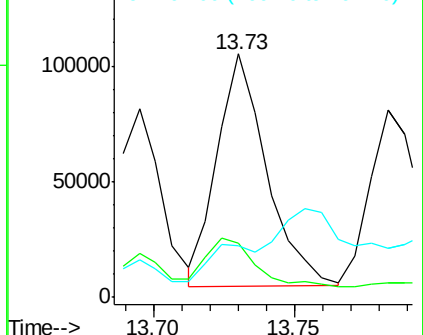
167 21.4 29.5 44.3#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#69

Pentachlorophenol

Concen: 6.58 ng

RT: 14.52 min Scan# 2139

Delta R.T. -0.25 min

Lab File: BF095273.D

Acq: 19 May 2017 20:34

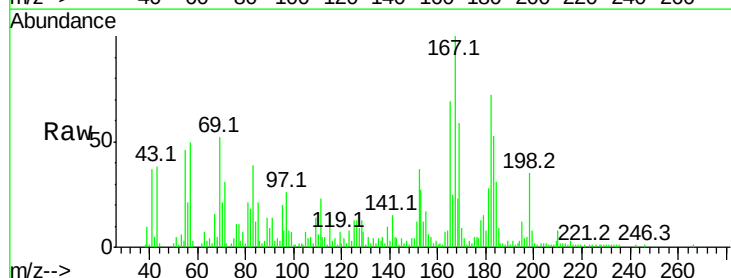
Tgt Ion:266 Resp: 1045

Ion Ratio Lower Upper

266 100

268 0.0 51.1 76.7#

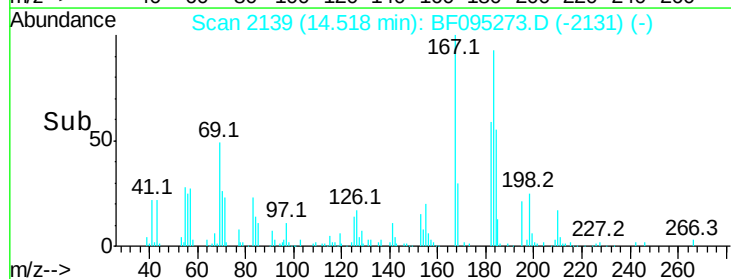
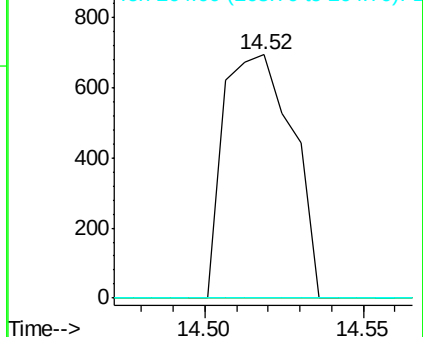
264 0.0 51.7 77.5#

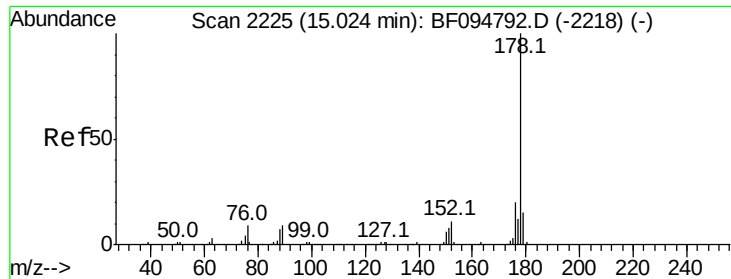


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 125.09 ng

RT: 15.08 min Scan# 2234

Delta R.T. 0.01 min

Lab File: BF095273.D

Acq: 19 May 2017 20:34

Instrument :

BNA_F

ClientSampleId :

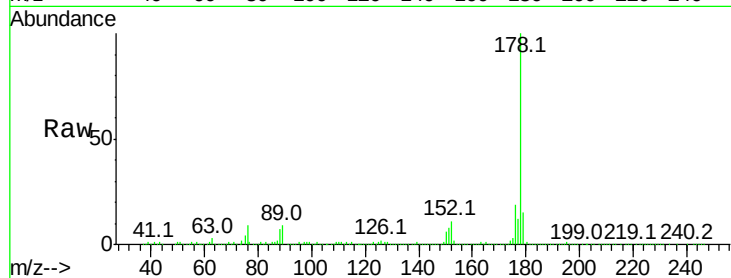
Tot Ion:178 Resp: 1977474

Ion Ratio Lower Upper

178 100

176 19.3 16.2 24.4

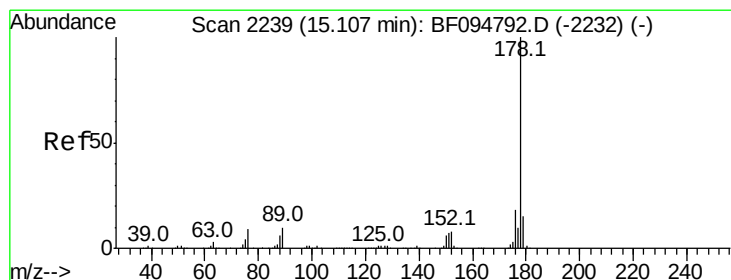
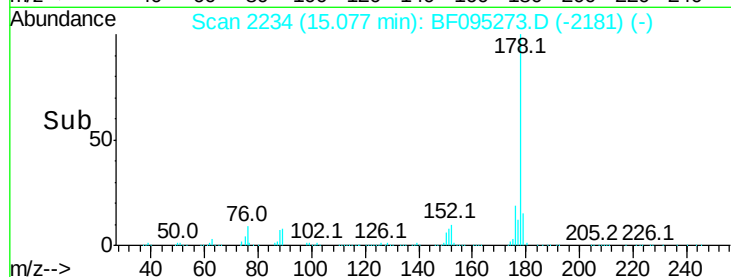
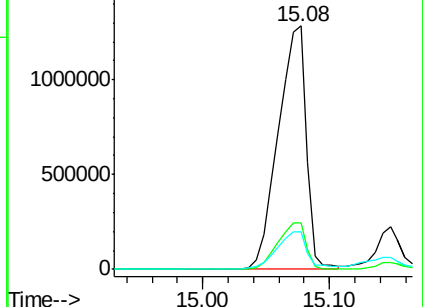
179 15.4 12.6 19.0



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: 122.46 ng

RT: 15.08 min Scan# 2234

Delta R.T. -0.06 min

Lab File: BF095273.D

Acq: 19 May 2017 20:34

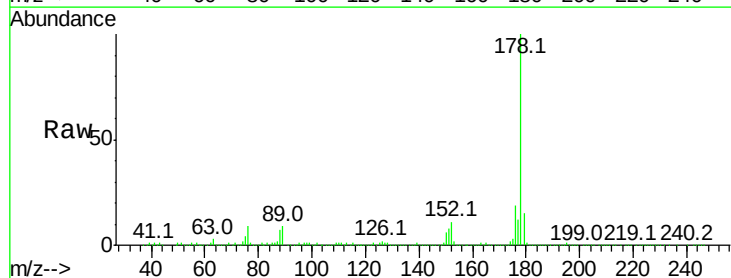
Tgt Ion:178 Resp: 1977474

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

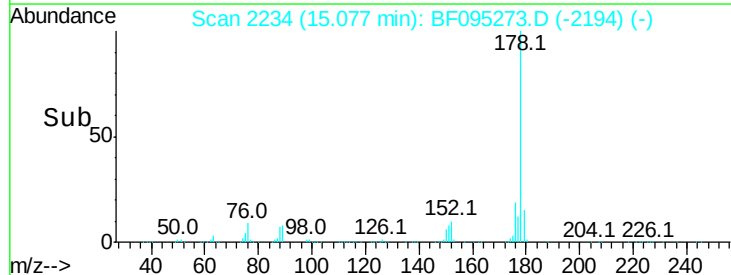
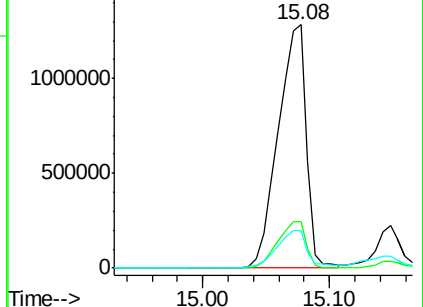
179 15.4 12.7 19.1

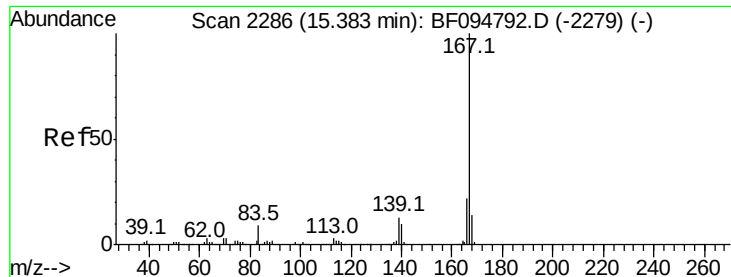


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 2.50 ng

RT: 15.44 min Scan# 2295

Delta R.T. 0.01 min

Lab File: BF095273.D

Acq: 19 May 2017 20:34

Instrument :

BNA_F

ClientSampleId :

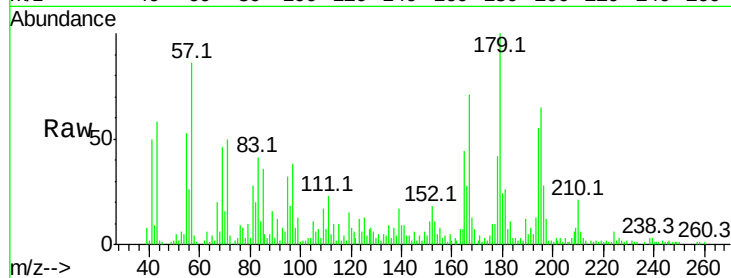
Tot Ion:167 Resp: 36782

Ion Ratio Lower Upper

167 100

166 39.3 18.1 27.1#

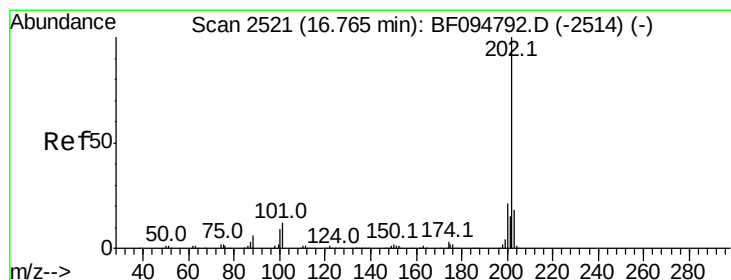
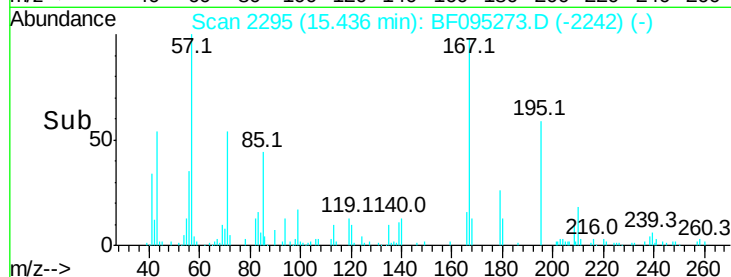
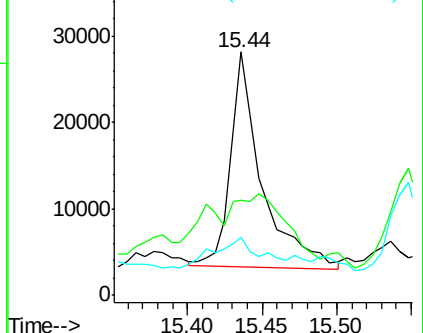
139 23.6 11.7 17.5#



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: 30.51 ng

RT: 16.81 min Scan# 2529

Delta R.T. 0.01 min

Lab File: BF095273.D

Acq: 19 May 2017 20:34

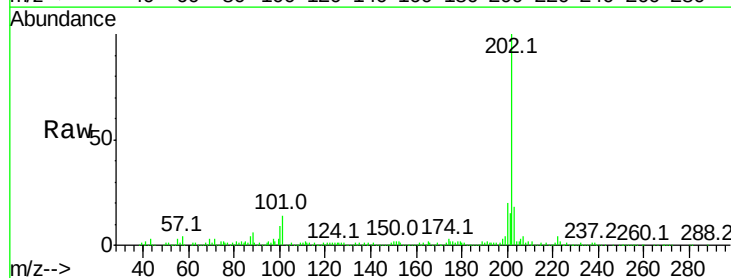
Tgt Ion:202 Resp: 494831

Ion Ratio Lower Upper

202 100

101 13.5 0.0 33.2

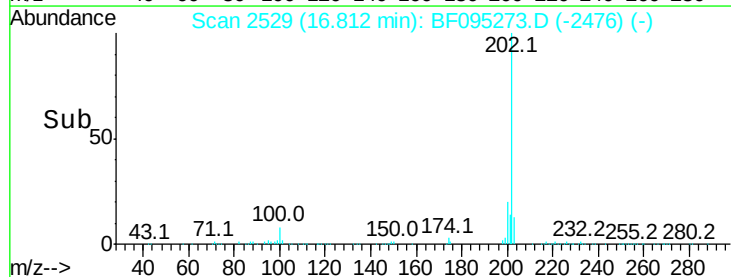
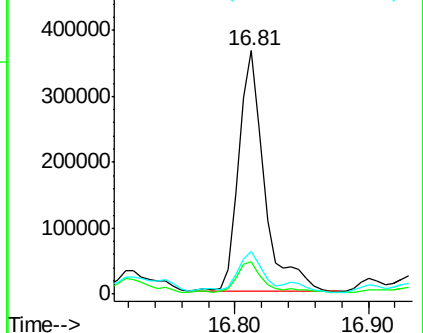
203 17.7 0.0 38.1

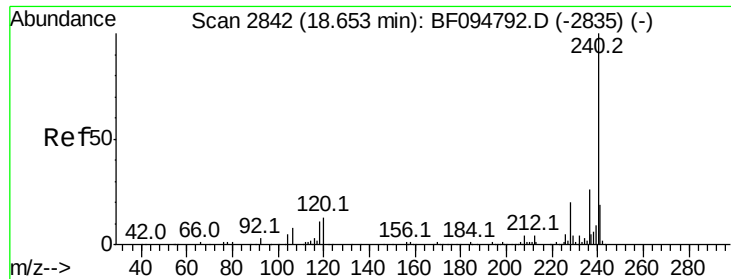


Abundance Ion 202.00 (201.70 to 202.70): E

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: 18.69 min Scan# 2849

Delta R.T. 0.00 min

Lab File: BF095273.D

Acq: 19 May 2017 20:34

Instrument :

BNA_F

ClientSampleId :

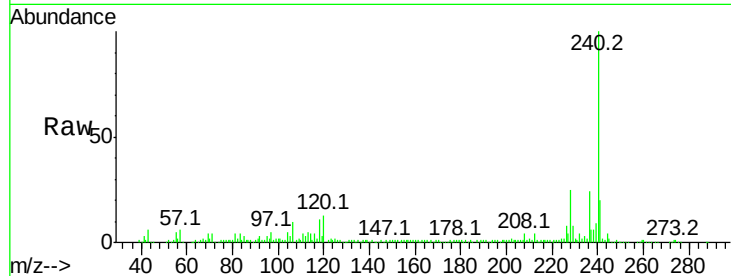
Tot Ion:240 Resp: 183407

Ion Ratio Lower Upper

240 100

120 12.9 5.8 8.8#

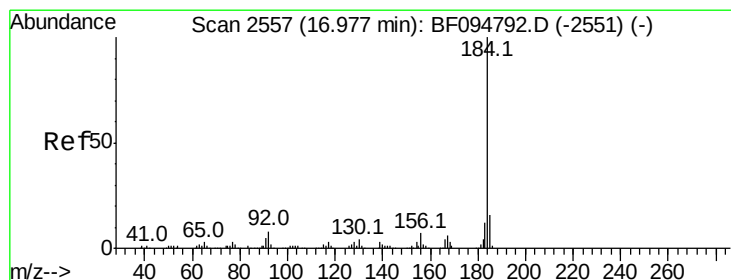
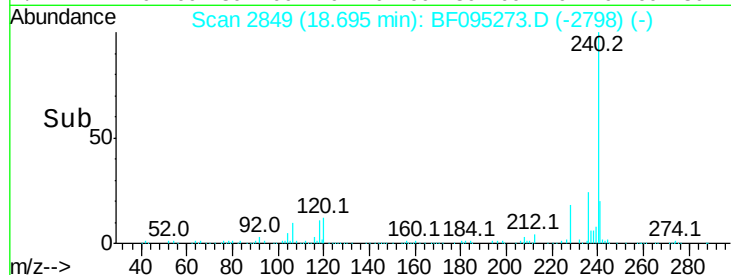
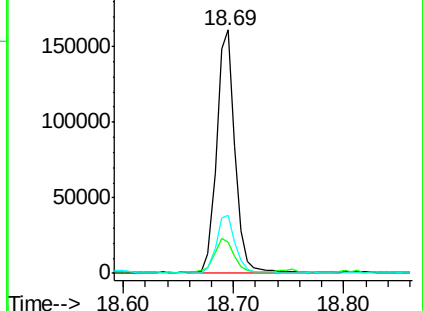
236 23.8 20.5 30.7



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: 7.08 ng

RT: 17.04 min Scan# 2568

Delta R.T. 0.02 min

Lab File: BF095273.D

Acq: 19 May 2017 20:34

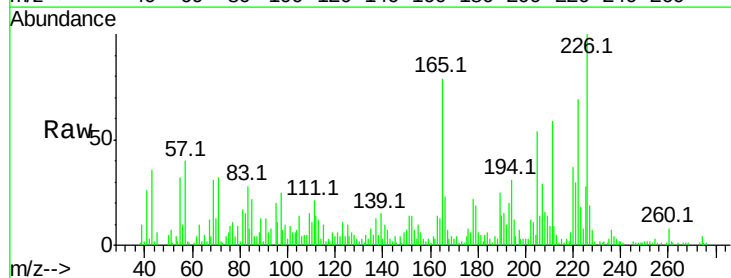
Tgt Ion:184 Resp: 2818

Ion Ratio Lower Upper

184 100

185 49.0 15.5 23.3#

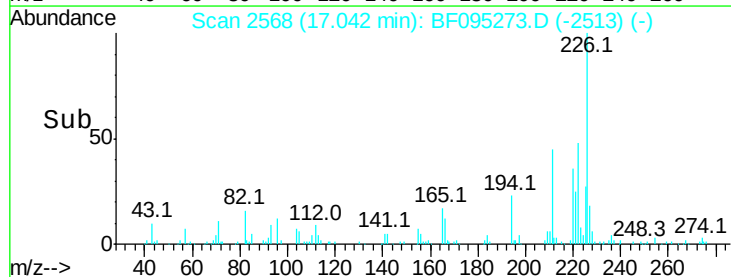
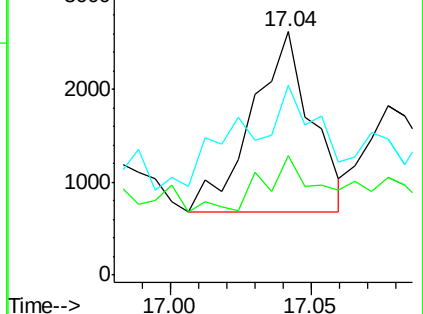
183 77.8 9.8 14.6#

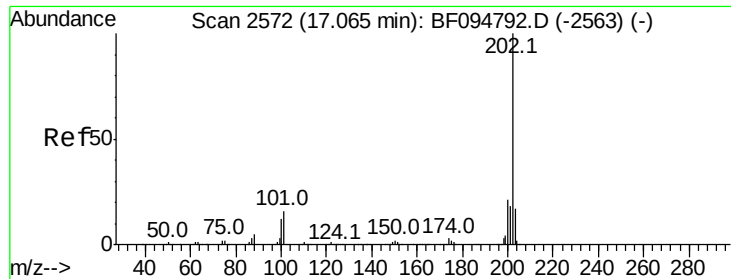


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 122.07 ng

RT: 17.12 min Scan# 2582

Delta R.T. 0.02 min

Lab File: BF095273.D

Acq: 19 May 2017 20:34

Instrument :

BNA_F

ClientSampleId :

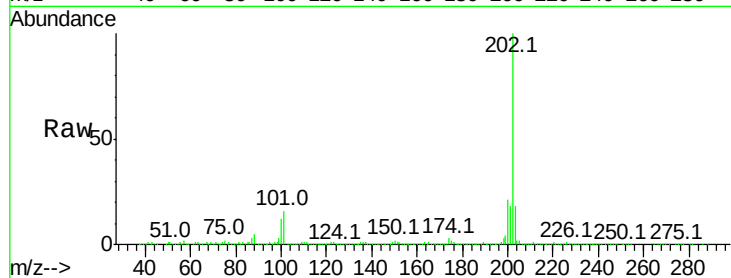
Tot Ion:202 Resp: 1674435

Ion Ratio Lower Upper

202 100

200 21.0 17.6 26.4

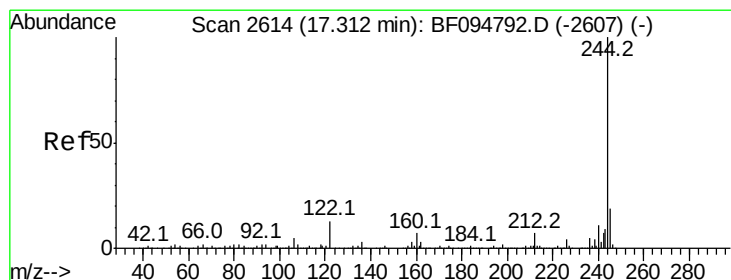
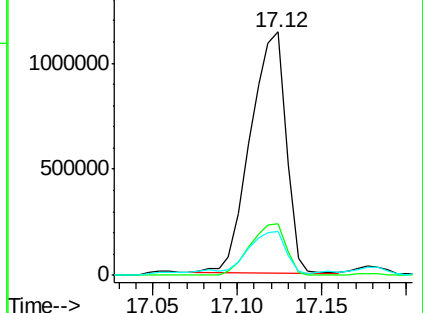
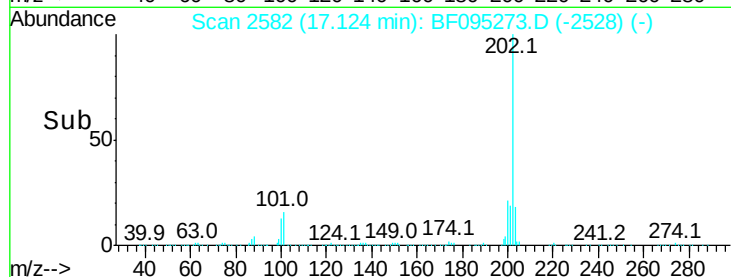
203 17.8 14.4 21.6



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: 73.99 ng

RT: 17.35 min Scan# 2620

Delta R.T. 0.00 min

Lab File: BF095273.D

Acq: 19 May 2017 20:34

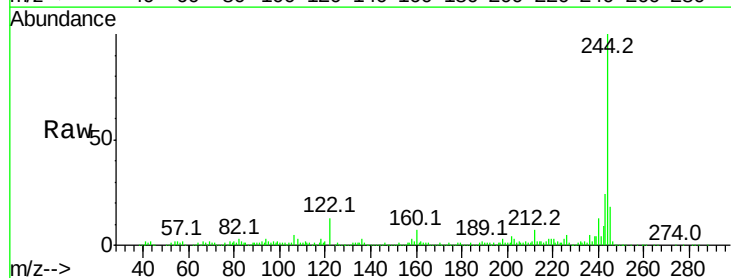
Tgt Ion:244 Resp: 616074

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

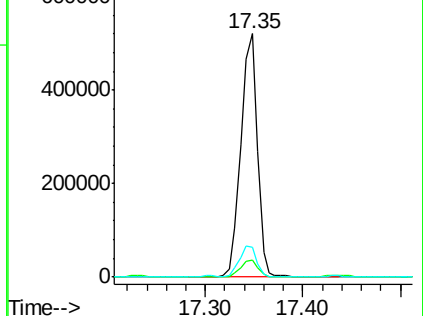
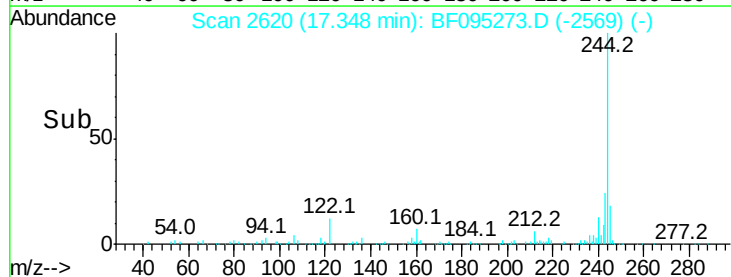
122 12.5 10.3 15.5

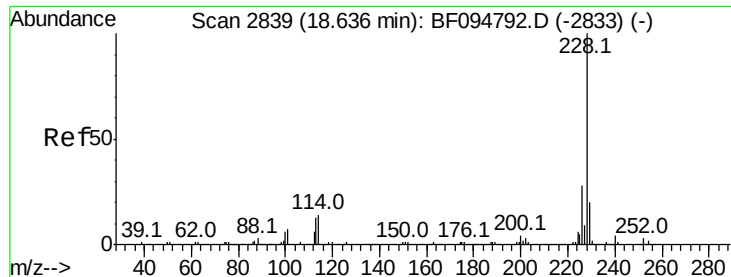


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 31.03 ng

RT: 18.72 min Scan# 2854

Delta R.T. 0.04 min

Lab File: BF095273.D

Acq: 19 May 2017 20:34

Instrument :

BNA_F

ClientSampled :

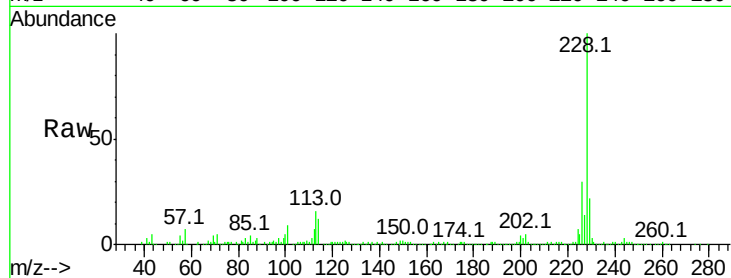
Tot Ion:228 Resp: 331184

Ion Ratio Lower Upper

228 100

226 29.8 22.6 33.8

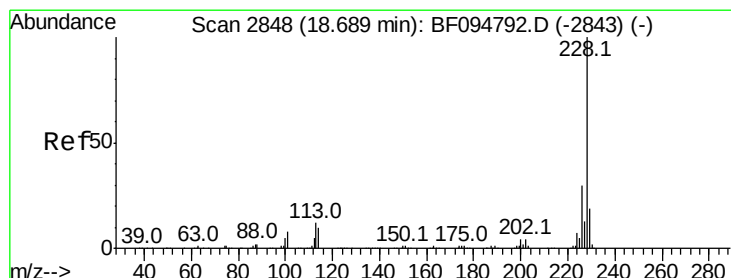
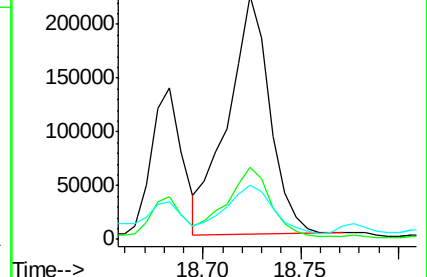
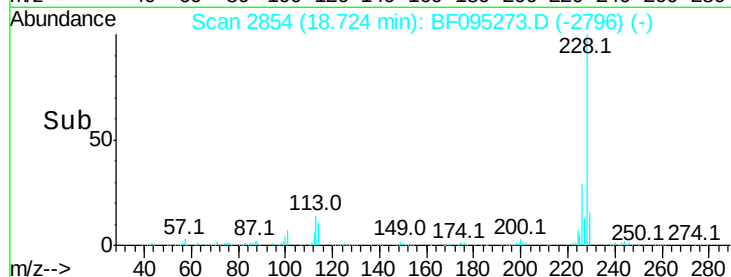
229 22.1 16.3 24.5



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



#82

Chrysene

Concen: 32.09 ng

RT: 18.72 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BF095273.D

Acq: 19 May 2017 20:34

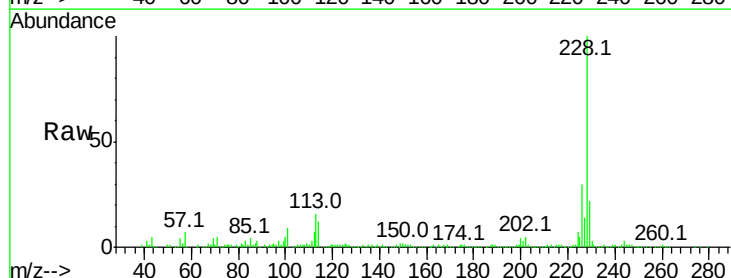
Tgt Ion:228 Resp: 331184

Ion Ratio Lower Upper

228 100

226 29.8 24.9 37.3

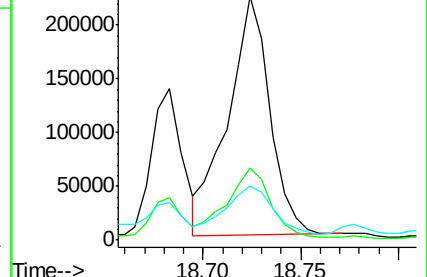
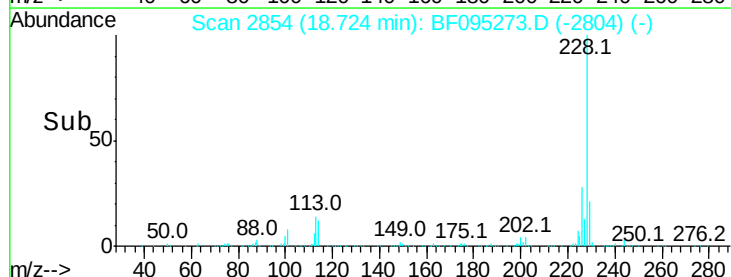
229 22.1 15.8 23.6

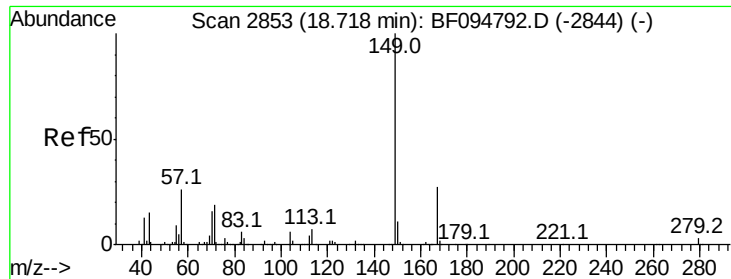


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.53 ng

RT: 18.74 min Scan# 2856

Delta R.T. -0.01 min

Lab File: BF095273.D

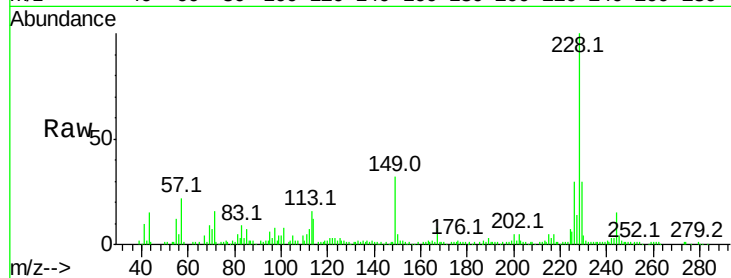
Acq: 19 May 2017 20:34

Instrument :

BNA_F

ClientSampleId :

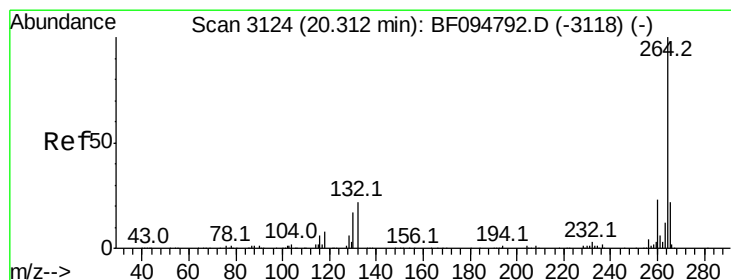
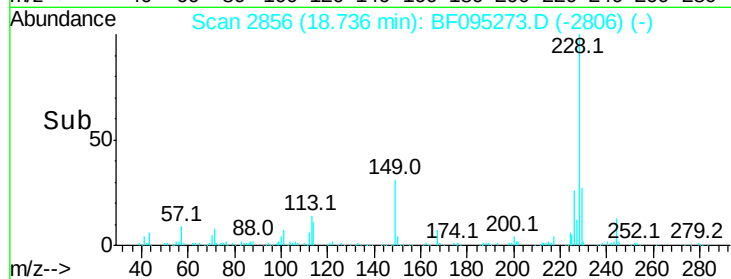
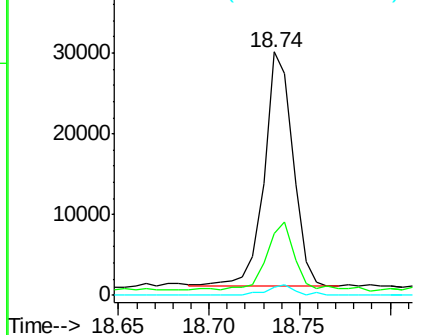
Tot Ion:149	Resp:	32131
Ion	Ratio	Lower Upper
149	100	
167	25.5	21.0 31.4
279	3.1	1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

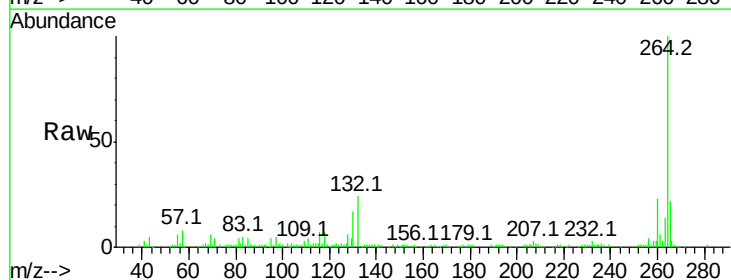
RT: 20.37 min Scan# 3134

Delta R.T. 0.01 min

Lab File: BF095273.D

Acq: 19 May 2017 20:34

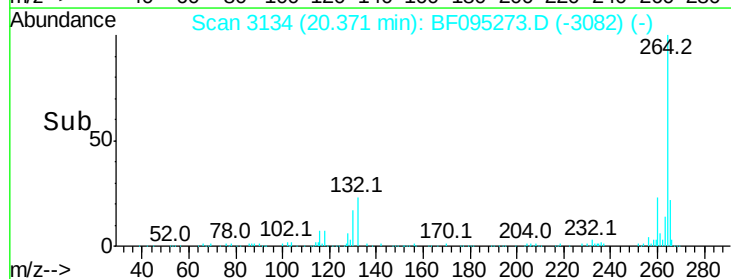
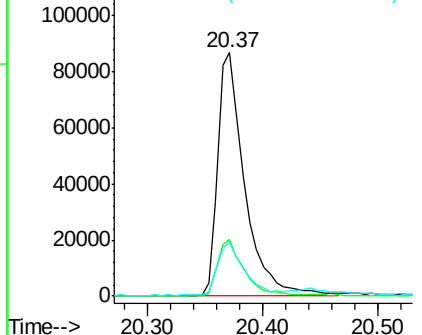
Tgt Ion:264	Resp:	140883
Ion	Ratio	Lower Upper
264	100	
260	23.4	19.5 29.3
265	22.1	17.2 25.8

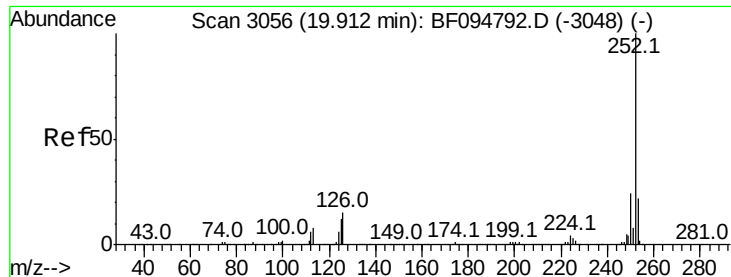


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

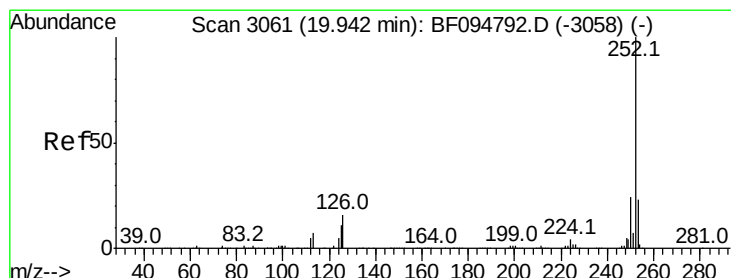
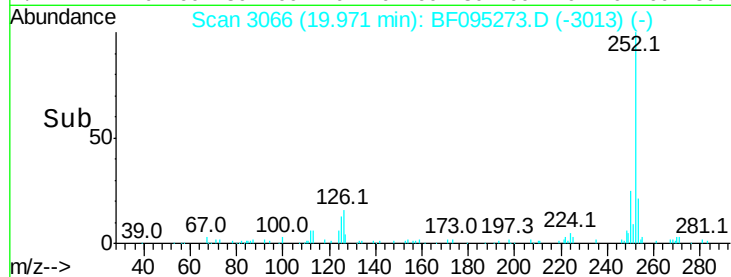
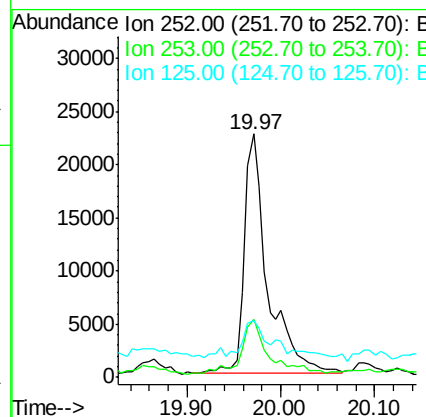
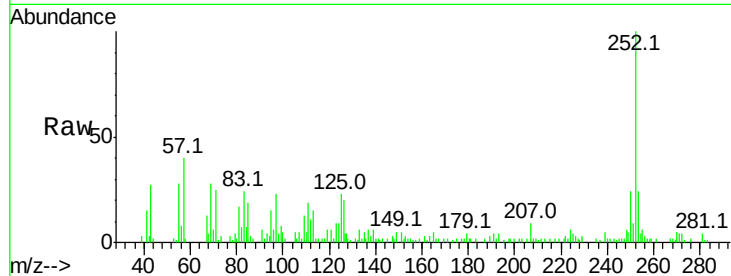




#87
Benzo(b)fluoranthene
Concen: 4.50 ng
RT: 19.97 min Scan# 3066
Delta R.T. 0.01 min
Lab File: BF095273.D
Acq: 19 May 2017 20:34

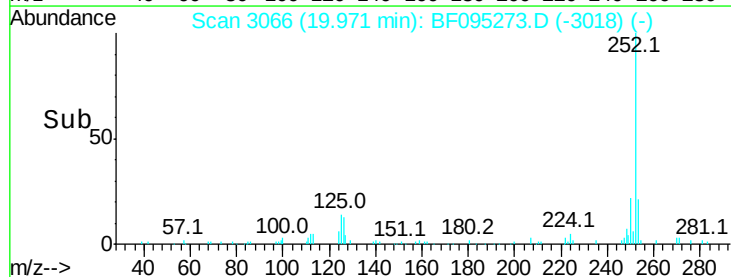
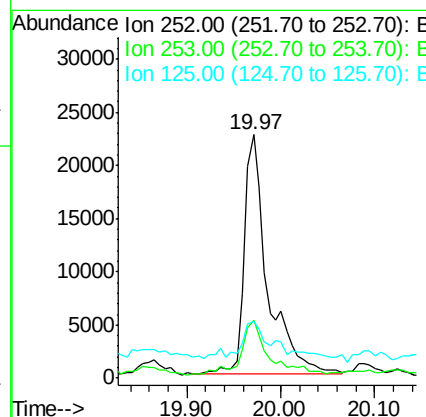
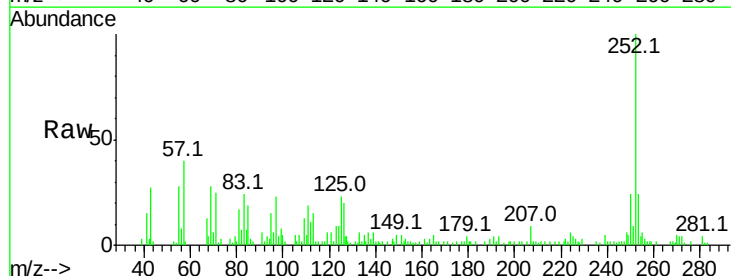
Instrument :
BNA_F
ClientSampleId :

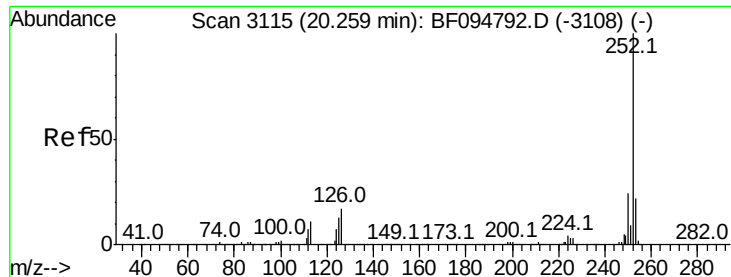
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.1	27.1
125	23.1	9.8	14.8



#88
Benzo(k)fluoranthene
Concen: 4.67 ng
RT: 19.97 min Scan# 3066
Delta R.T. -0.02 min
Lab File: BF095273.D
Acq: 19 May 2017 20:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.4	27.6
125	23.1	13.1	19.7

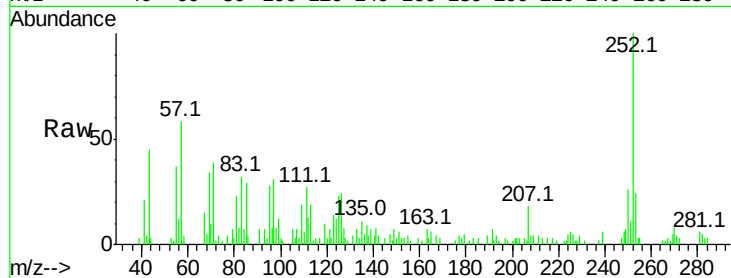




#89
 Benzo(a)pyrene
 Concen: 2.49 ng
 RT: 20.32 min Scan# 3126
 Delta R.T. 0.01 min
 Lab File: BF095273.D
 Acq: 19 May 2017 20:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.5	26.3
125	22.7	11.0	16.4



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

