

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
 Data File : BF095664.D
 Acq On : 3 Jun 2017 8:37
 Operator : SJ/MA
 Sample : I3436-06
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 05 05:02:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 18:51:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	96011	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	372033	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	141108	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	209709	20.00	ng	0.00
75) Chrysene-d12	18.50	240	172262	20.00	ng	0.00
86) Perylene-d12	20.17	264	119508	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	766566	133.11	ng	0.01
7) Phenol-d6	7.09	99	898677	130.06	ng	0.00
23) Nitrobenzene-d5	8.45	82	497350	84.30	ng	-0.01
41) 2,4,6-Tribromophenol	13.70	330	126297	109.29	ng	0.00
44) 2-Fluorobiphenyl	11.34	172	802623	81.87	ng	0.00
78) Terphenyl-d14	17.14	244	483551	61.83	ng	0.00

Target Compounds

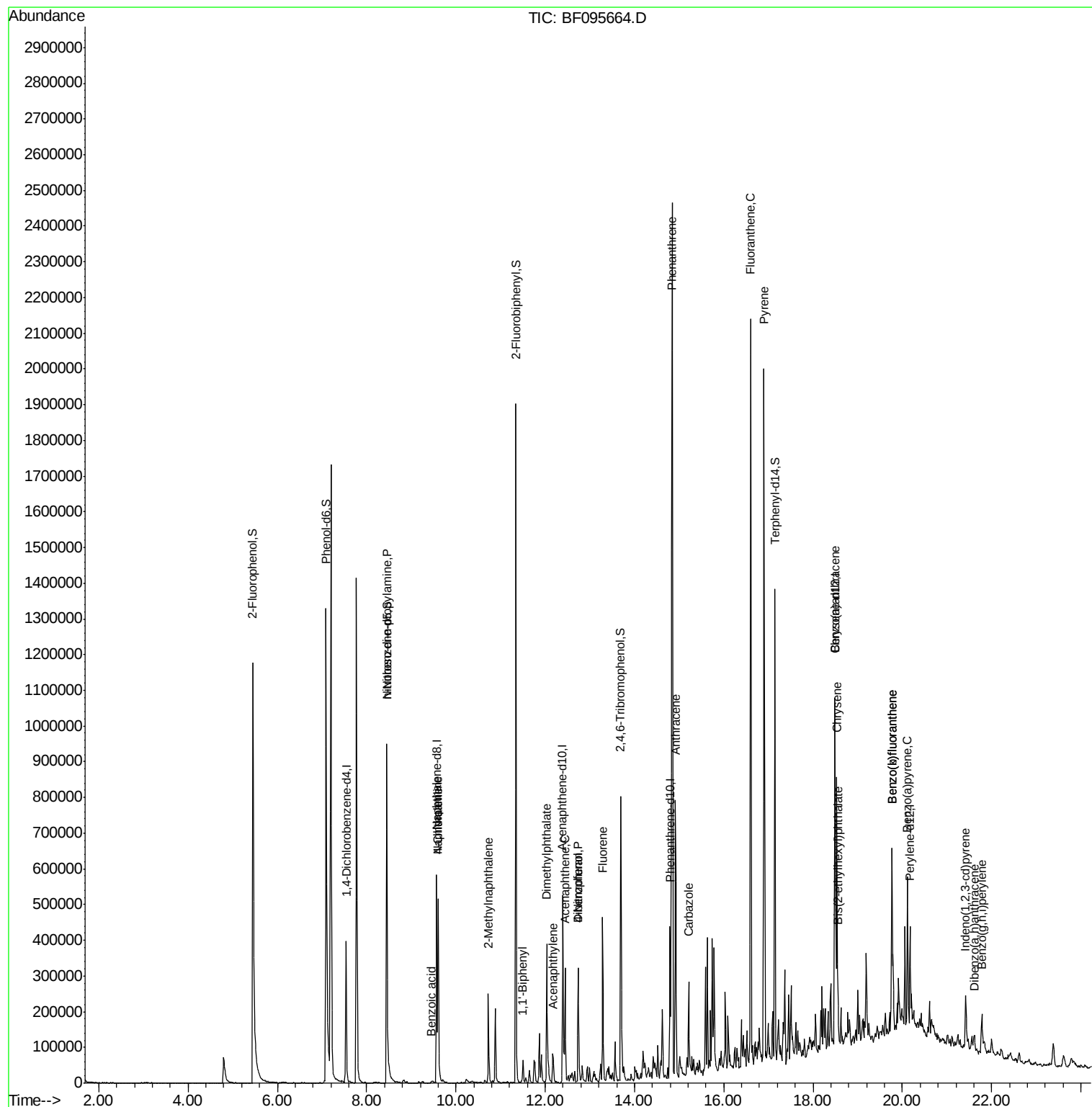
						Qvalue
19) n-Nitroso-di-n-propylamine	8.45	70	62211	13.31	ng	# 77
31) Naphthalene	9.60	128	376136	20.12	ng	99
32) Benzoic acid	9.46	122	4298	6.17	ng	# 13
33) 4-Chloroaniline	9.60	127	48827	7.01	ng	# 34
37) 2-Methylnaphthalene	10.73	142	107926	8.79	ng	98
45) 1,1'-Biphenyl	11.50	154	31506	2.65	ng	98
48) Acenaphthylene	12.17	152	42332	2.82	ng	97
49) Dimethylphthalate	12.03	163	235541	20.33	ng	99
51) Acenaphthene	12.44	154	95910	10.69	ng	99
54) Dibenzofuran	12.74	168	184811	14.88	ng	98
55) 4-Nitrophenol	12.74	139	66400	43.58	ng	# 27
57) Fluorene	13.29	166	172781	16.00	ng	97
70) Phenanthrene	14.84	178	1443442	119.80	ng	99
71) Anthracene	14.92	178	415909	33.79	ng	97
72) Carbazole	15.22	167	165968	14.82	ng	97
74) Fluoranthene	16.60	202	1172838	94.89	ng	98
77) Pyrene	16.91	202	968672	75.19	ng	99
80) Benzo(a)anthracene	18.49	228	378965	37.80	ng	98
82) Chrysene	18.53	228	339614	35.03	ng	98
83) Bis(2-ethylhexyl)phthalate	18.56	149	52844	6.19	ng	# 99
85) Indeno(1,2,3-cd)pyrene	21.42	276	91038	11.56	ng	94
87) Benzo(b)fluoranthene	19.77	252	361735	48.99	ng	# 97
88) Benzo(k)fluoranthene	19.77	252	361735	50.78	ng	98
89) Benzo(a)pyrene	20.11	252	188485	27.66	ng	97
90) Dibenzo(a,h)anthracene	21.61	278	12843	2.28	ng	93
91) Benzo(g,h,i)perylene	21.78	276	83485	15.12	ng	97

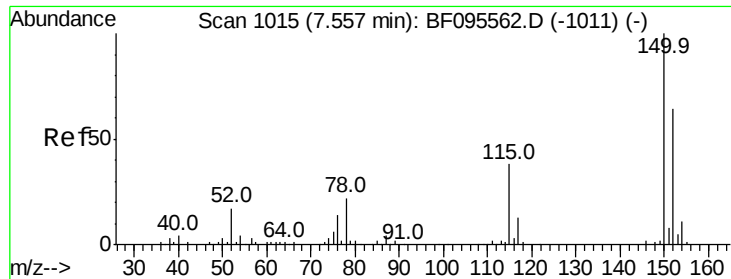
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.54 min Scan# 995

Delta R.T. -0.00 min

Lab File: BF095664.D

Acq: 3 Jun 2017 8:37

Instrument :

BNA_F

ClientSampleId :

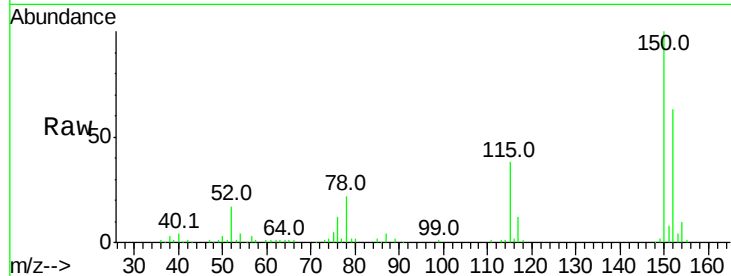
Tot Ion:152 Resp: 96011

Ion Ratio Lower Upper

152 100

150 157.7 126.2 189.2

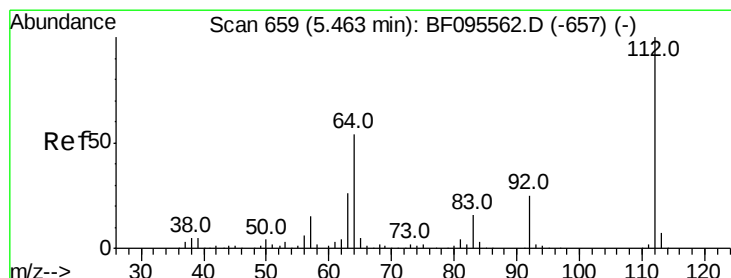
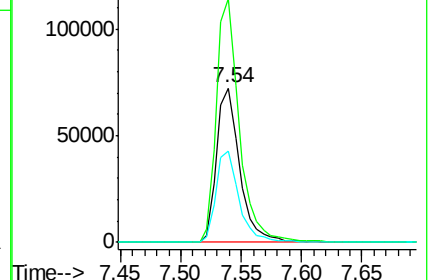
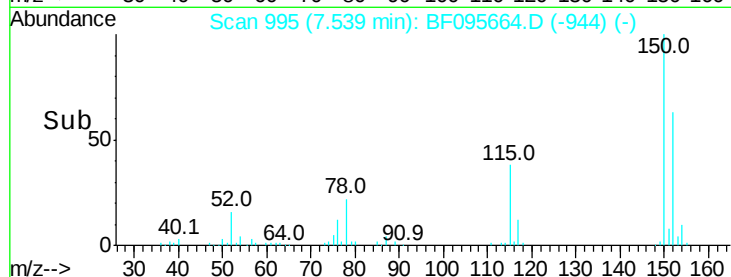
115 59.2 52.2 78.2



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: 133.11 ng

RT: 5.46 min Scan# 641

Delta R.T. 0.01 min

Lab File: BF095664.D

Acq: 3 Jun 2017 8:37

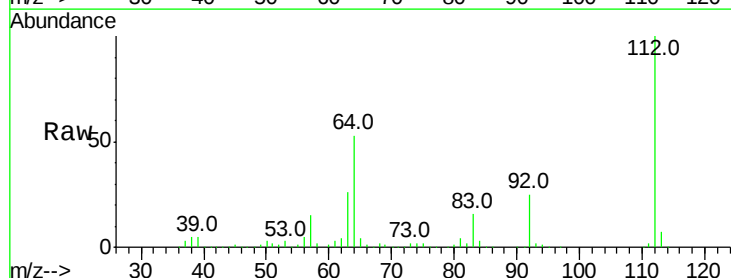
Tgt Ion:112 Resp: 766566

Ion Ratio Lower Upper

112 100

64 53.2 46.0 69.0

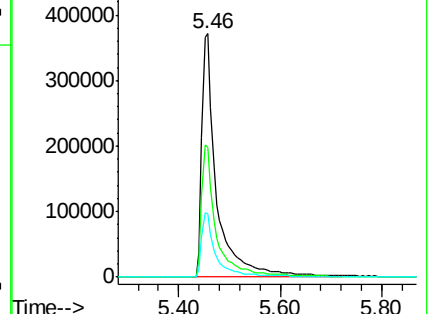
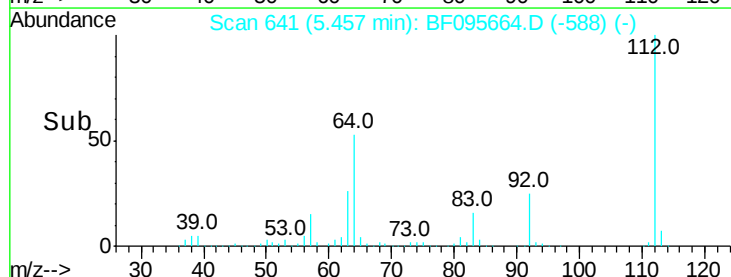
63 26.0 23.4 35.0

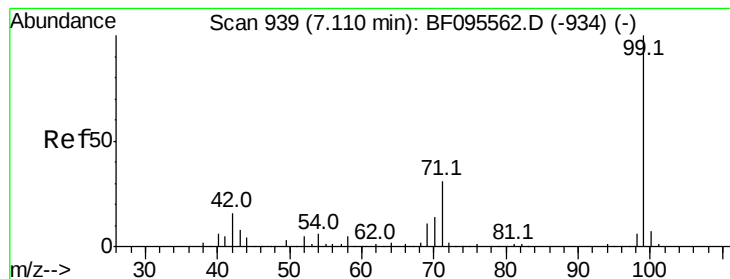


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 130.06 ng

RT: 7.09 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF095664.D

Acq: 3 Jun 2017 8:37

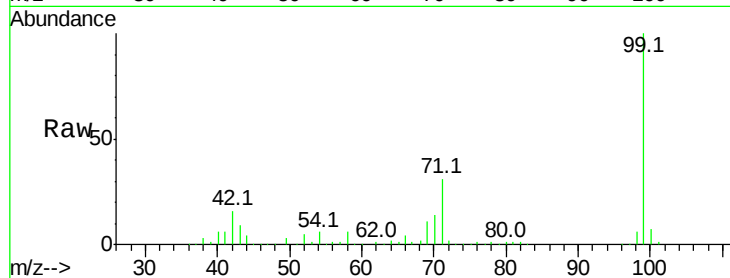
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 898677

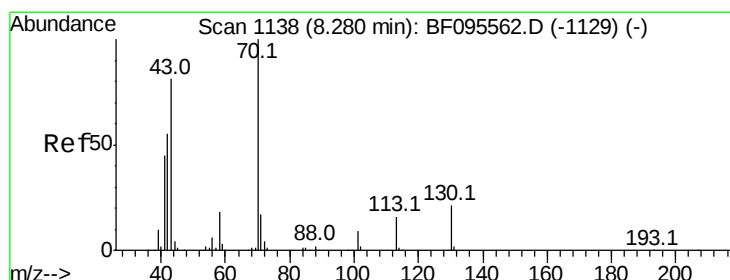
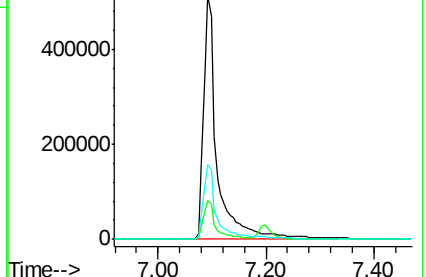
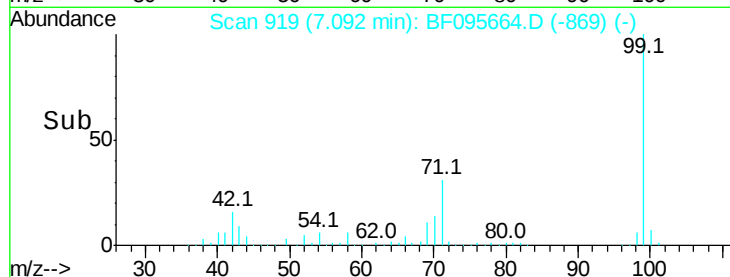
Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.5	20.3
71	30.9	24.5	36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.31 ng

RT: 8.45 min Scan# 1150

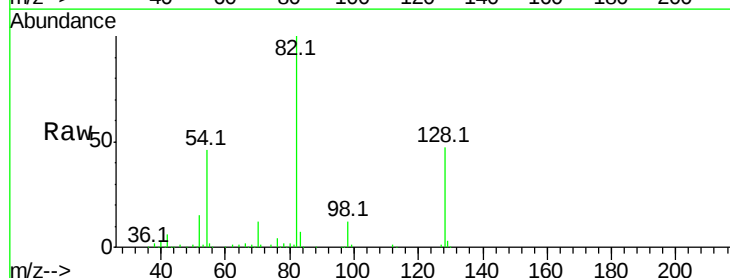
Delta R.T. 0.18 min

Lab File: BF095664.D

Acq: 3 Jun 2017 8:37

Tgt Ion: 70 Resp: 62211

Ion	Ratio	Lower	Upper
70	100		
42	45.1	47.2	70.8#
101	0.0	7.2	10.8#
130	2.7	15.9	23.9#

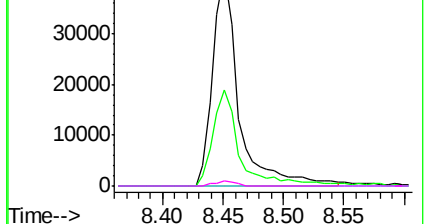
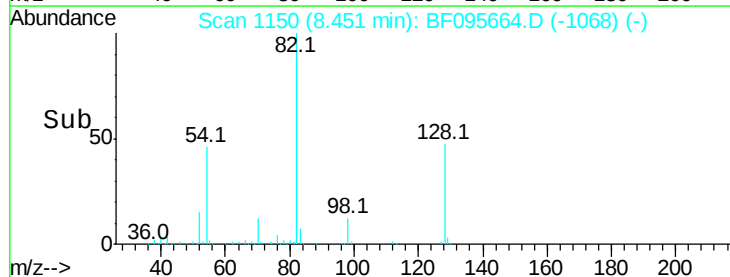


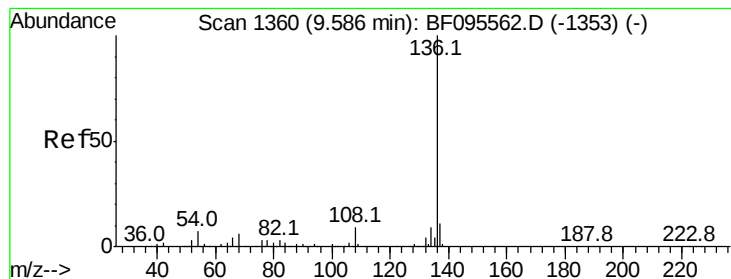
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.57 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF095664.D

Acq: 3 Jun 2017 8:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 372033

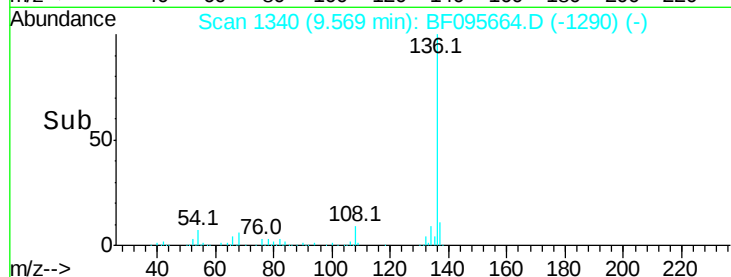
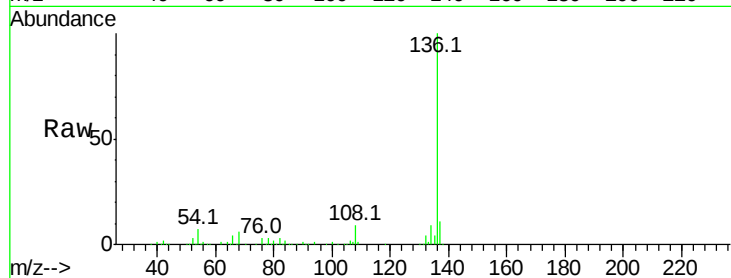
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.7 4.9 7.3

68 5.6 4.1 6.1

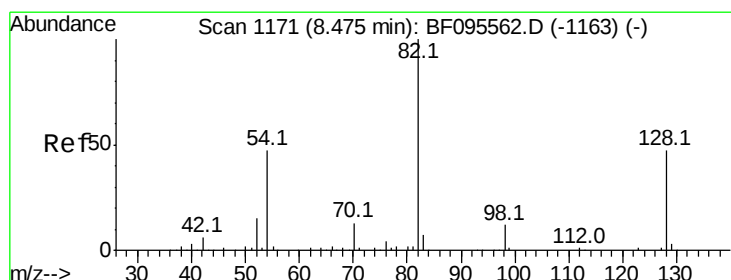
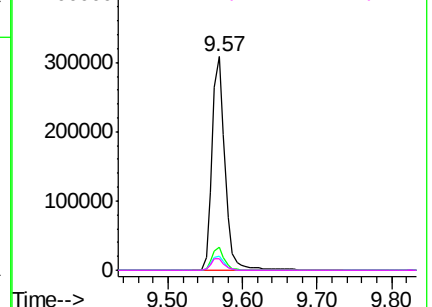


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.30 ng

RT: 8.45 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF095664.D

Acq: 3 Jun 2017 8:37

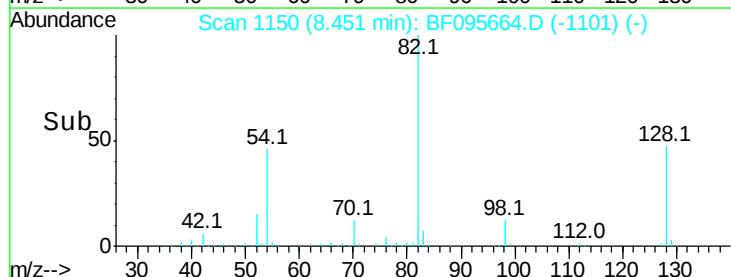
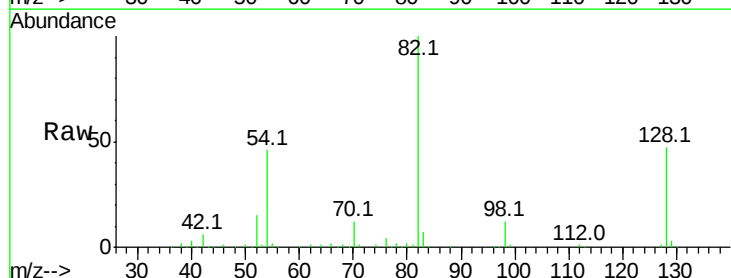
Tgt Ion: 82 Resp: 497350

Ion Ratio Lower Upper

82 100

128 46.9 34.0 51.0

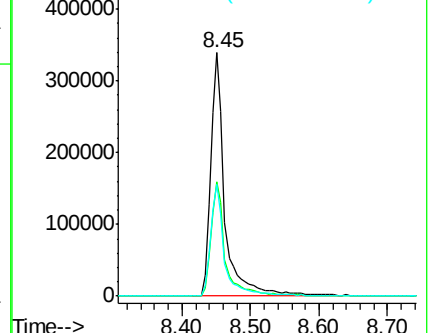
54 46.1 42.2 63.2

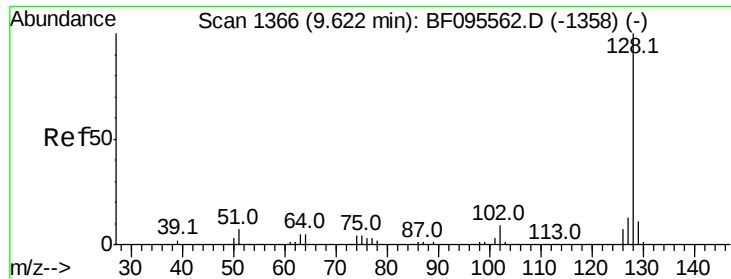


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

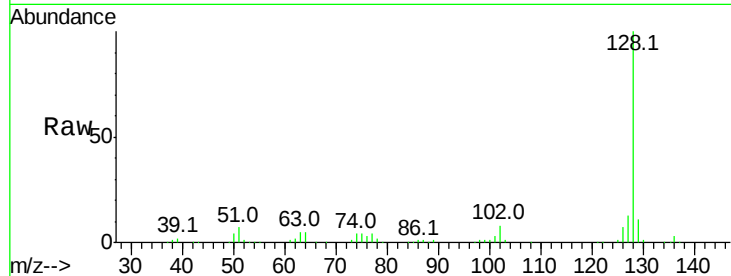




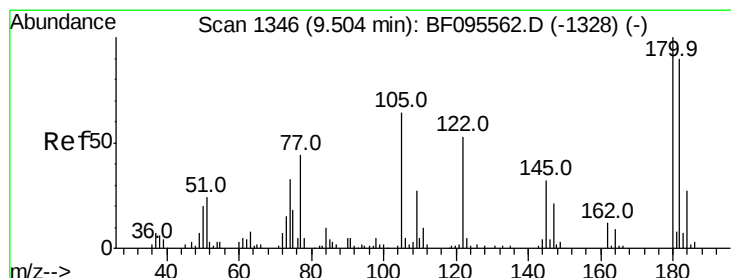
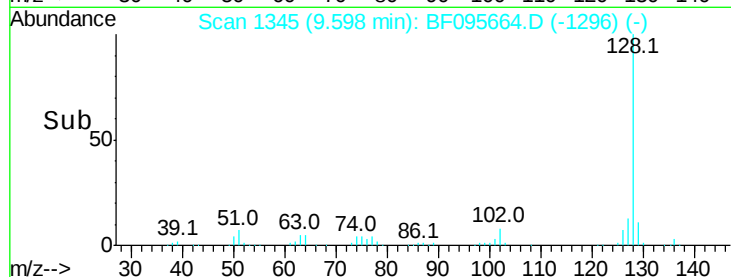
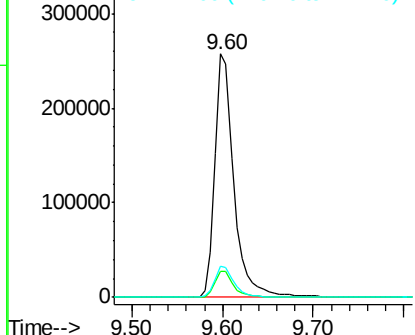
#31
Naphthalene
Concen: 20.12 ng
RT: 9.60 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF095664.D
Acq: 3 Jun 2017 8:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 376136
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.6
127 13.0 10.8 16.2

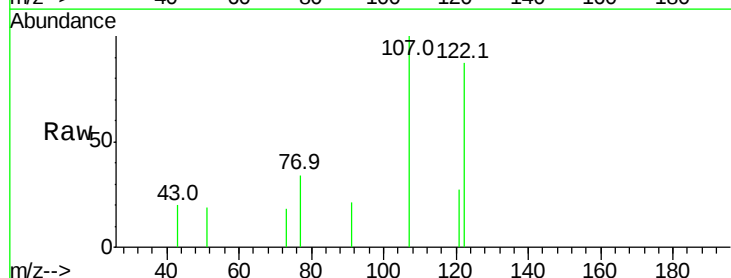


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

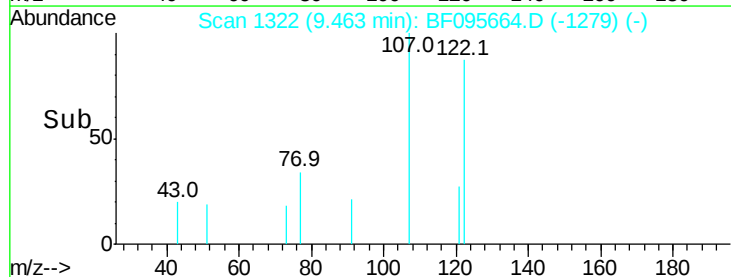
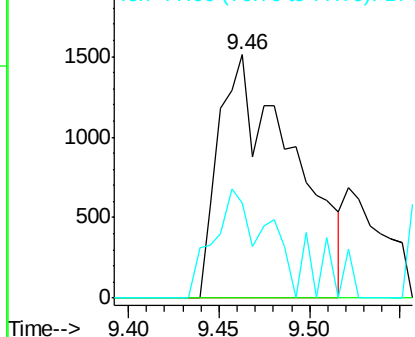


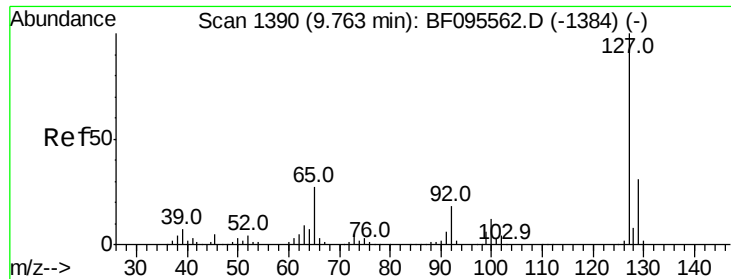
#32
Benzoic acid
Concen: 6.17 ng
RT: 9.46 min Scan# 1322
Delta R.T. -0.05 min
Lab File: BF095664.D
Acq: 3 Jun 2017 8:37

Tgt Ion:122 Resp: 4298
Ion Ratio Lower Upper
122 100
105 0.0 103.3 143.3#
77 39.0 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

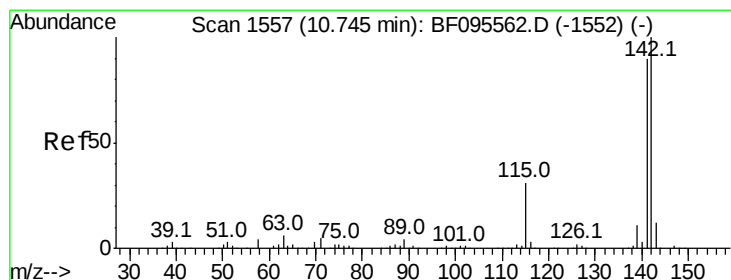
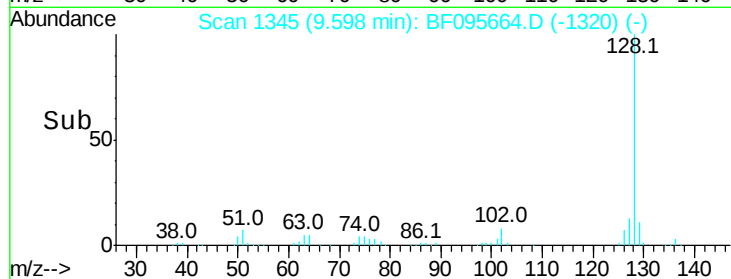
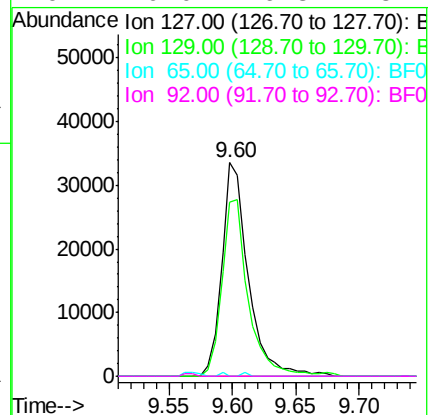
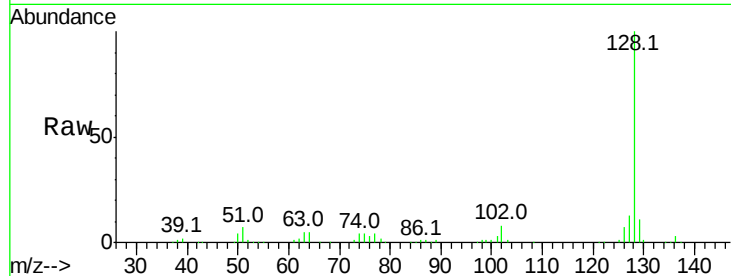




#33
4-Chloroaniline
Concen: 7.01 ng
RT: 9.60 min Scan# 1345
Delta R.T. -0.15 min
Lab File: BF095664.D
Acq: 3 Jun 2017 8:37

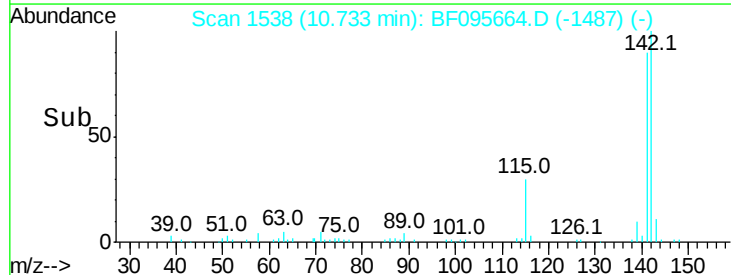
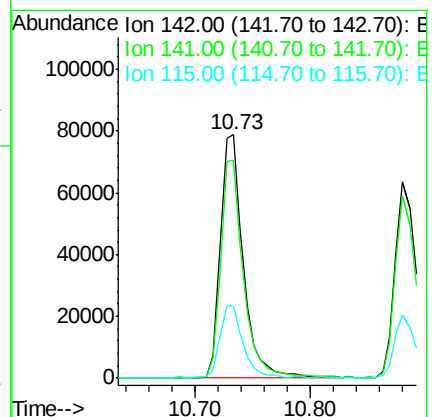
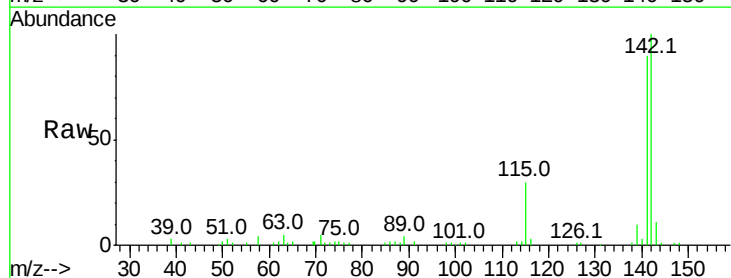
Instrument :
BNA_F
ClientSampled :

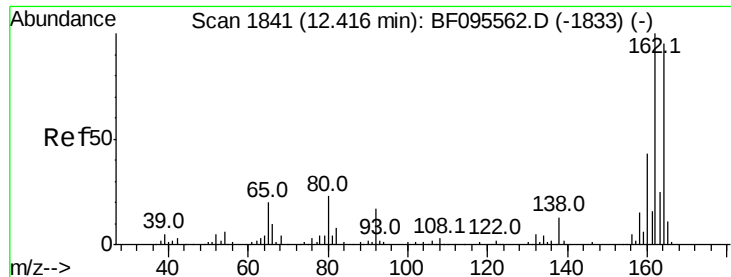
Tot Ion:127 Resp: 48827
Ion Ratio Lower Upper
127 100
129 81.5 26.2 39.2#
65 0.0 27.8 41.8#
92 0.0 16.8 25.2#



#37
2-Methylnaphthalene
Concen: 8.79 ng
RT: 10.73 min Scan# 1538
Delta R.T. -0.00 min
Lab File: BF095664.D
Acq: 3 Jun 2017 8:37

Tgt Ion:142 Resp: 107926
Ion Ratio Lower Upper
142 100
141 89.6 71.3 106.9
115 29.6 27.1 40.7

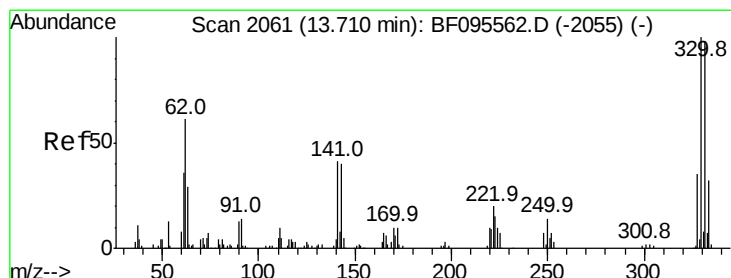
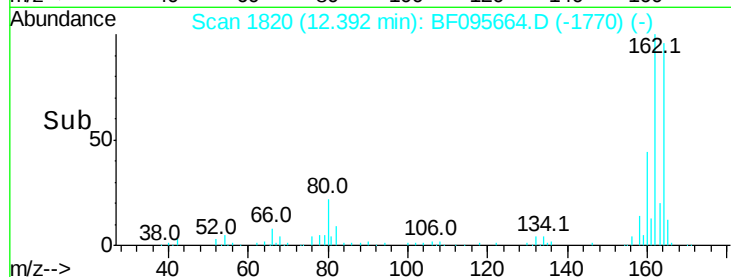
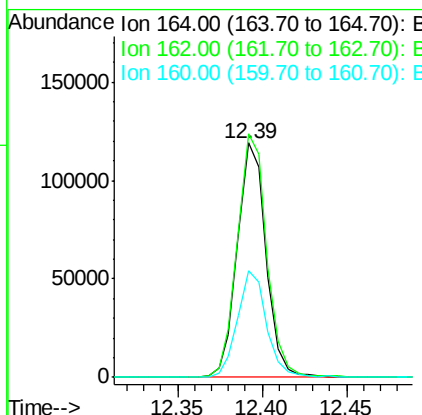
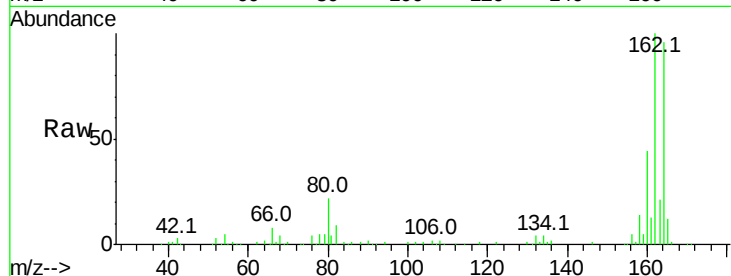




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.39 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF095664.D
 Acq: 3 Jun 2017 8:37

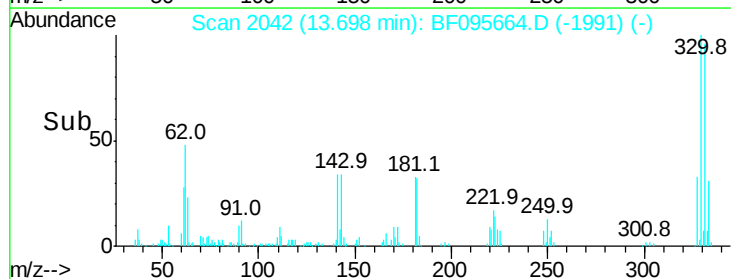
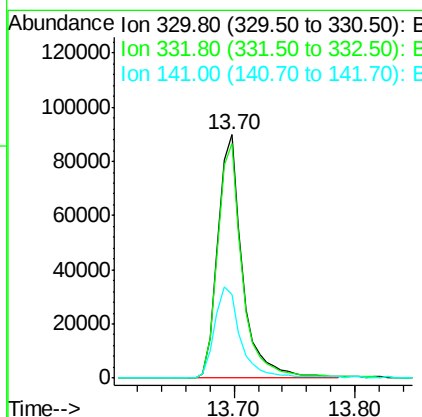
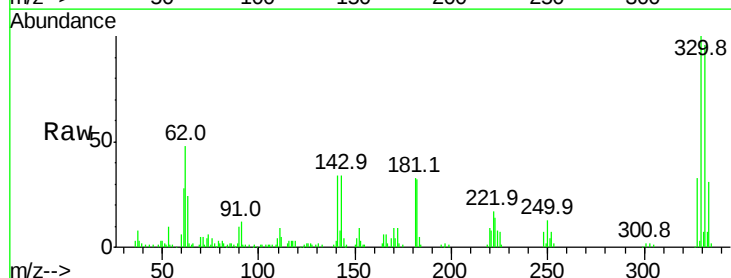
Instrument :
 BNA_F
 ClientSampleId :

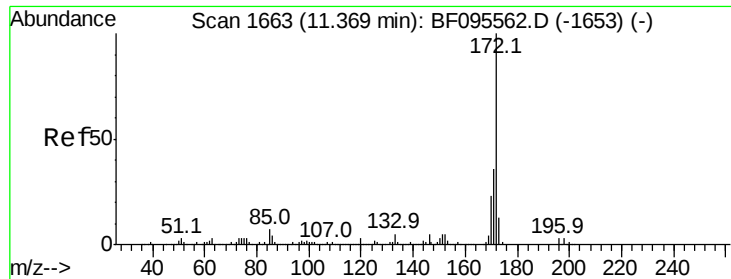
Tot Ion:164 Resp: 141108
 Ion Ratio Lower Upper
 164 100
 162 103.9 82.6 123.8
 160 45.3 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 109.29 ng
 RT: 13.70 min Scan# 2042
 Delta R.T. -0.00 min
 Lab File: BF095664.D
 Acq: 3 Jun 2017 8:37

Tgt Ion:330 Resp: 126297
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 115.0
 141 40.2 31.4 47.2

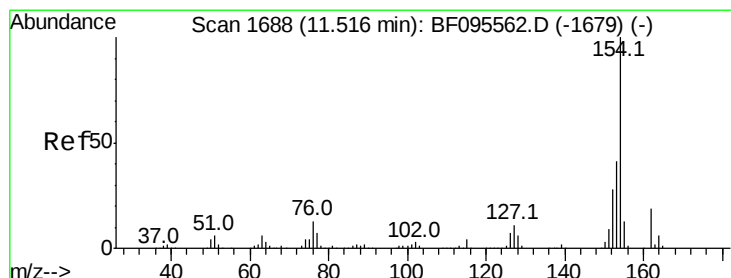
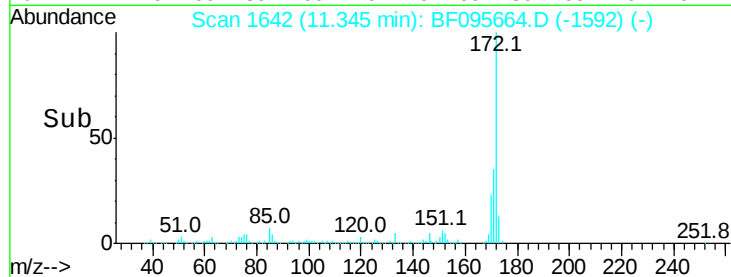
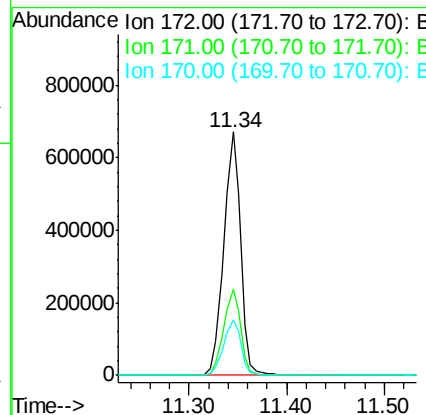
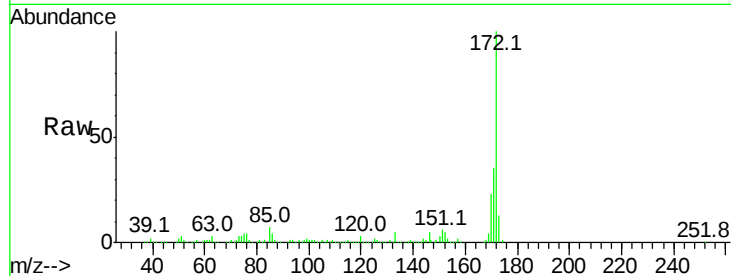




#44
2-Fluorobiphenyl
Concen: 81.87 ng
RT: 11.34 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BF095664.D
Acq: 3 Jun 2017 8:37

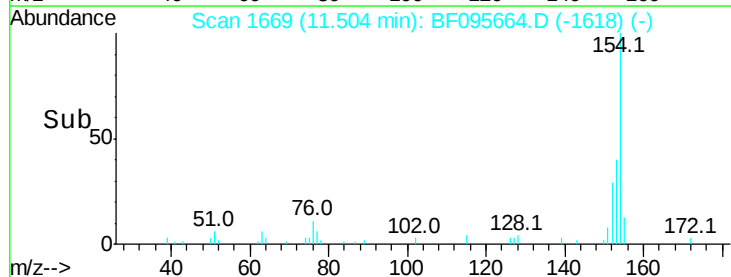
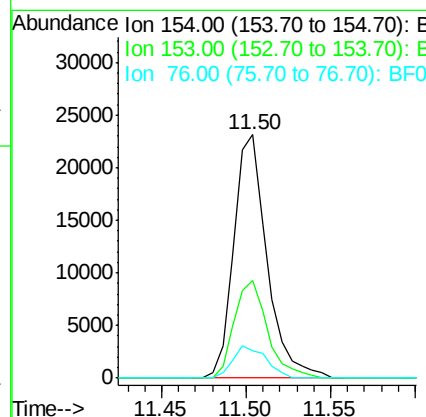
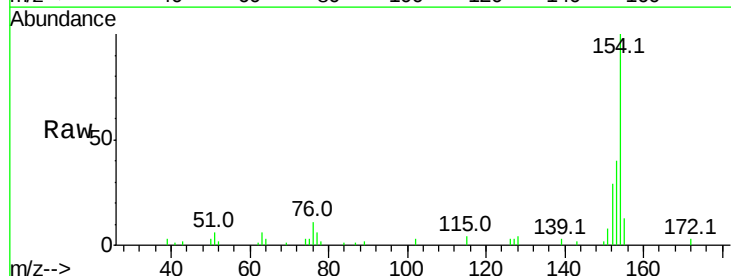
Instrument :
BNA_F
ClientSampleId :

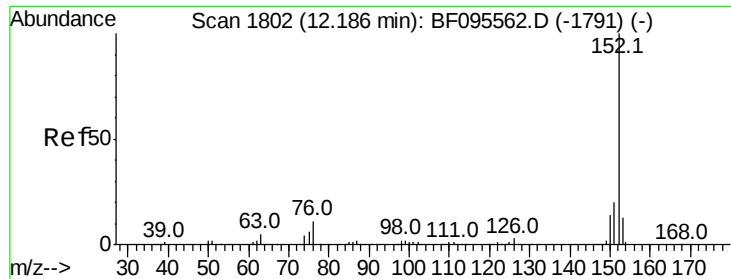
Tot Ion:172 Resp: 802623
Ion Ratio Lower Upper
172 100
171 35.5 29.6 44.4
170 22.9 19.8 29.8



#45
1,1'-Biphenyl
Concen: 2.65 ng
RT: 11.50 min Scan# 1669
Delta R.T. -0.00 min
Lab File: BF095664.D
Acq: 3 Jun 2017 8:37

Tgt Ion:154 Resp: 31506
Ion Ratio Lower Upper
154 100
153 39.9 21.2 61.2
76 11.0 0.0 29.9





#48

Acenaphthylene

Concen: 2.82 ng

RT: 12.17 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF095664.D

Acq: 3 Jun 2017 8:37

Instrument :

BNA_F

ClientSampleId :

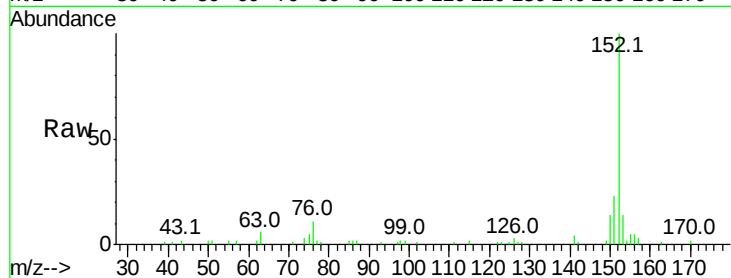
Tot Ion:152 Resp: 42332

Ion Ratio Lower Upper

152 100

151 22.7 16.8 25.2

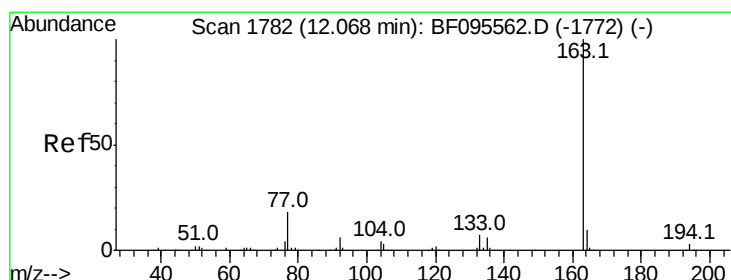
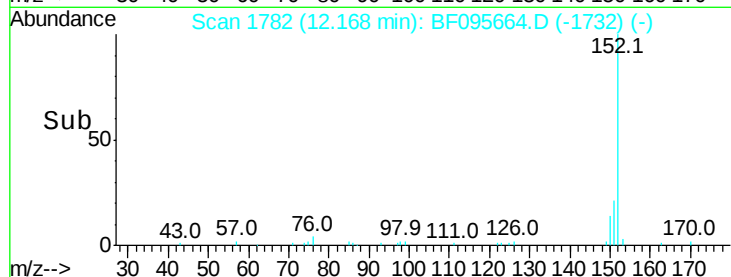
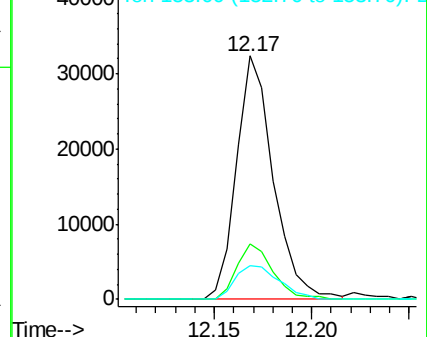
153 14.0 10.8 16.2



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



#49

Dimethylphthalate

Concen: 20.33 ng

RT: 12.03 min Scan# 1759

Delta R.T. -0.02 min

Lab File: BF095664.D

Acq: 3 Jun 2017 8:37

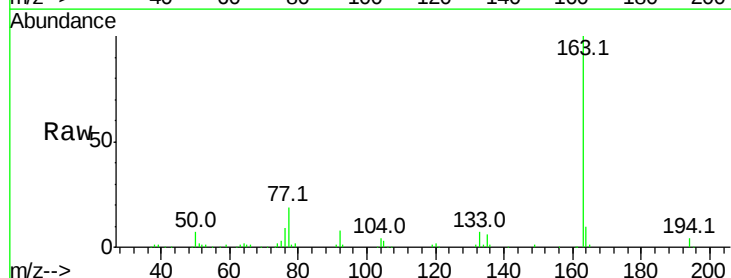
Tgt Ion:163 Resp: 235541

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

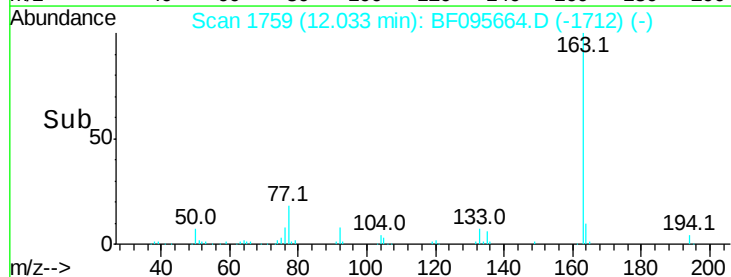
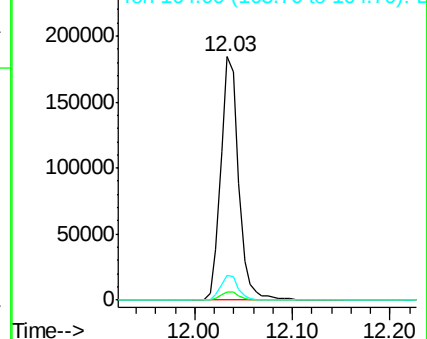
164 10.0 8.4 12.6

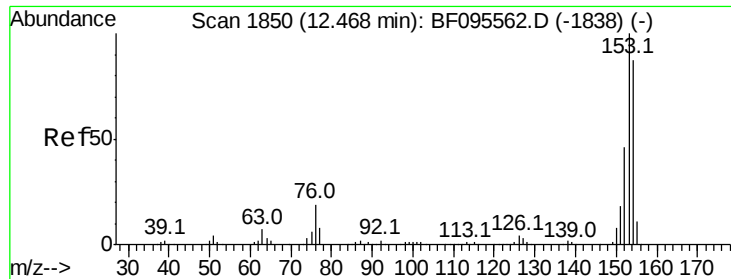


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 10.69 ng

RT: 12.44 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF095664.D

Acq: 3 Jun 2017 8:37

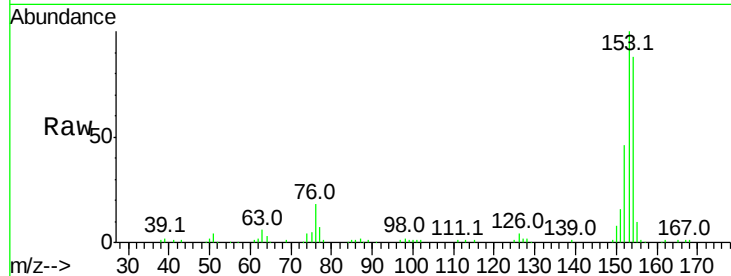
Instrument :

BNA_F

ClientSampleId :

Tot Ion:154 Resp: 95910

Ion	Ratio	Lower	Upper
154	100		
153	113.0	90.5	135.7
152	52.3	43.6	65.4

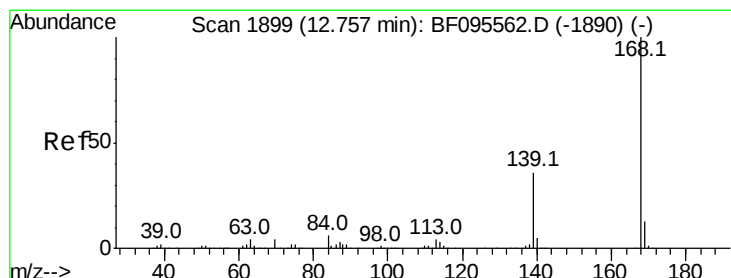
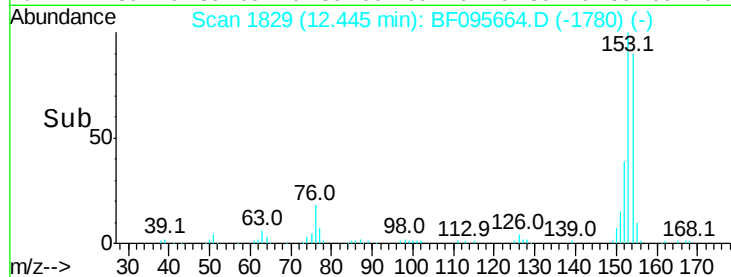
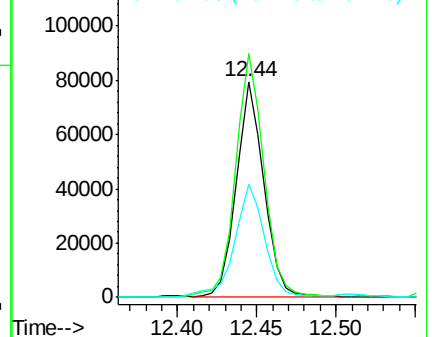


Abundance

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



#54

Dibenzofuran

Concen: 14.88 ng

RT: 12.74 min Scan# 1879

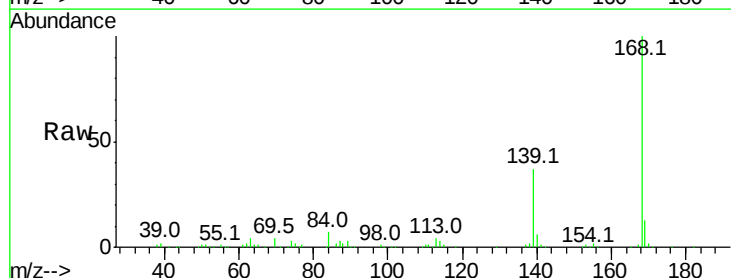
Delta R.T. -0.01 min

Lab File: BF095664.D

Acq: 3 Jun 2017 8:37

Tgt Ion:168 Resp: 184811

Ion	Ratio	Lower	Upper
168	100		
139	36.7	30.6	45.8
169	13.4	10.8	16.2

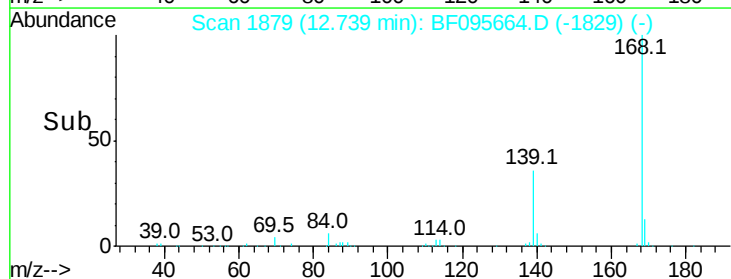
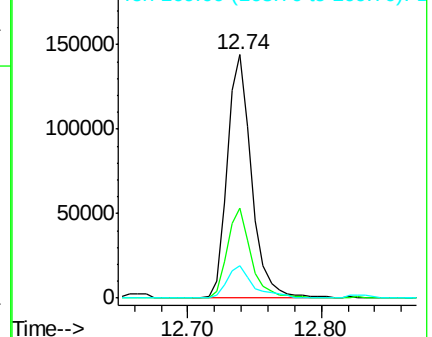


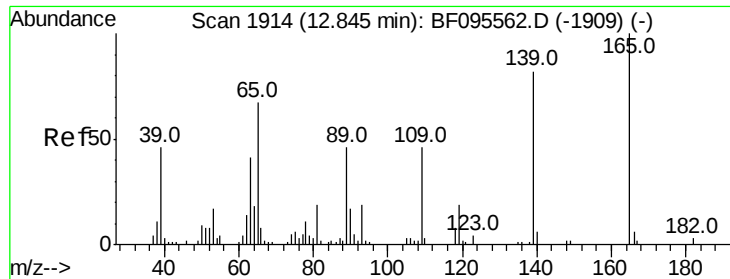
Abundance

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

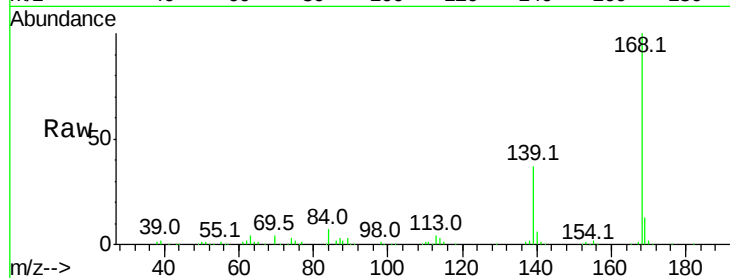




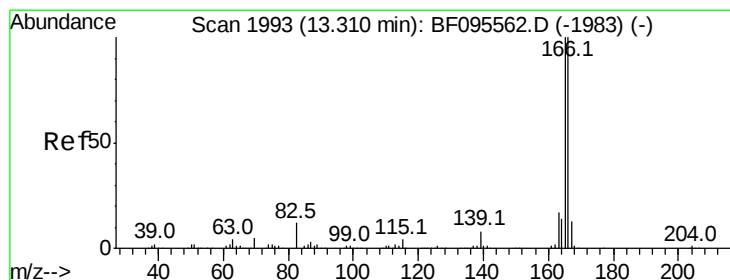
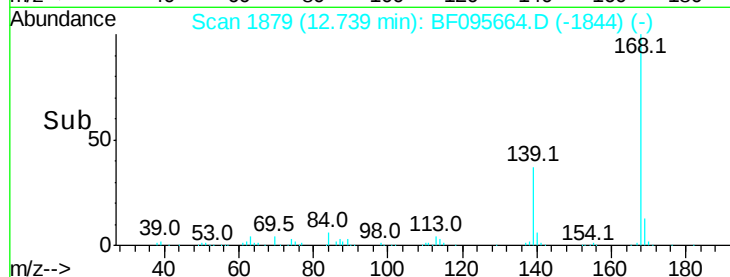
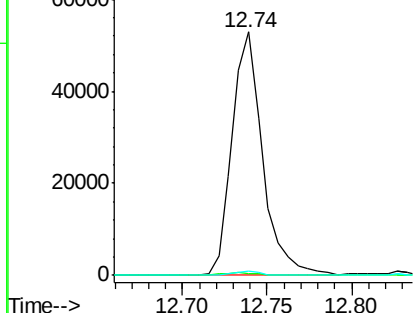
#55
4-Nitrophenol
Concen: 43.58 ng
RT: 12.74 min Scan# 1879
Delta R.T. -0.09 min
Lab File: BF095664.D
Acq: 3 Jun 2017 8:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 66400
Ion Ratio Lower Upper
139 100
109 0.9 34.1 74.1#
65 1.6 31.4 71.4#

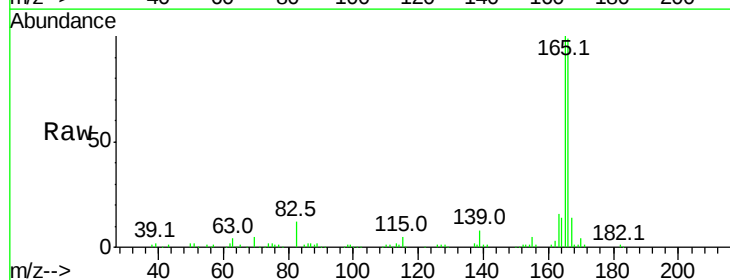


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

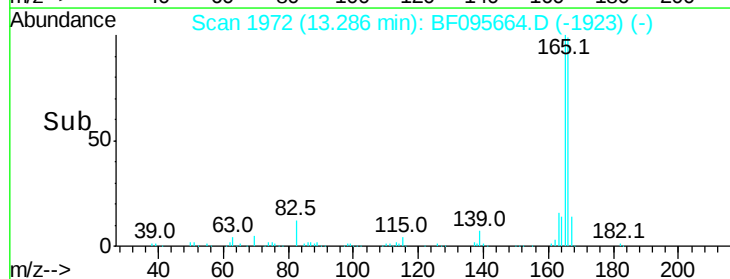
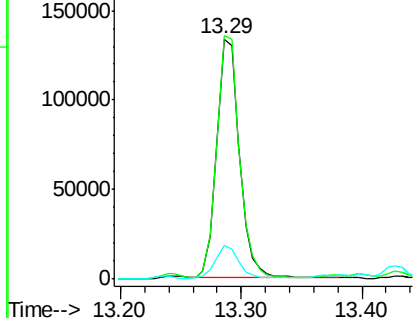


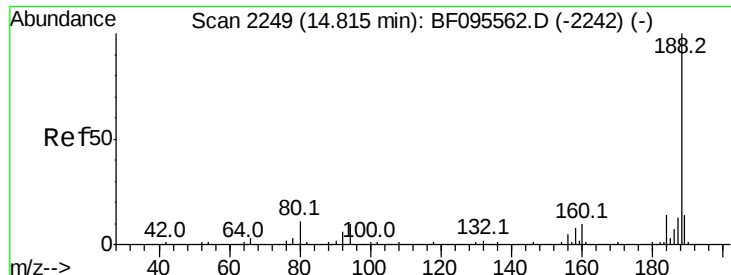
#57
Fluorene
Concen: 16.00 ng
RT: 13.29 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BF095664.D
Acq: 3 Jun 2017 8:37

Tgt Ion:166 Resp: 172781
Ion Ratio Lower Upper
166 100
165 101.3 78.8 118.2
167 13.8 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

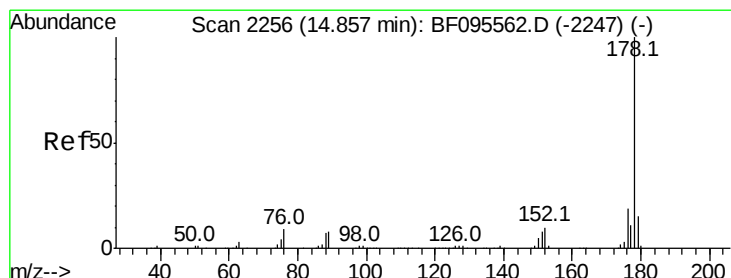
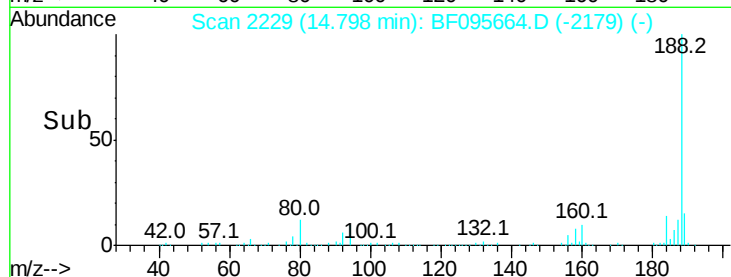
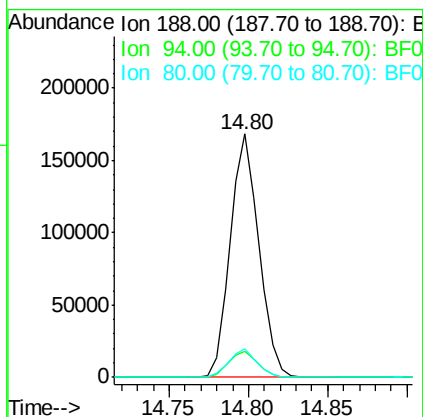
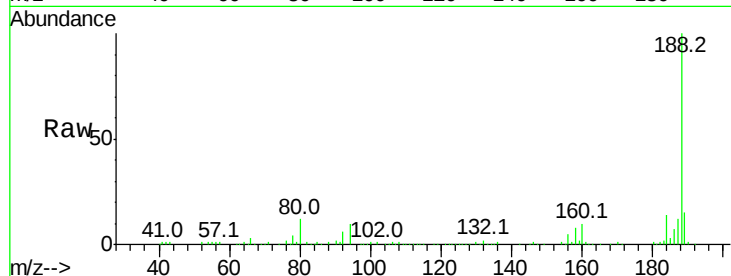




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF095664.D
Acq: 3 Jun 2017 8:37

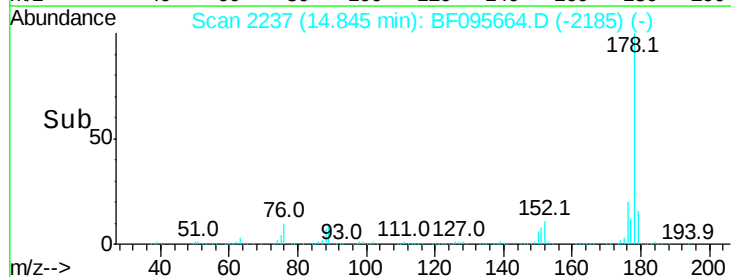
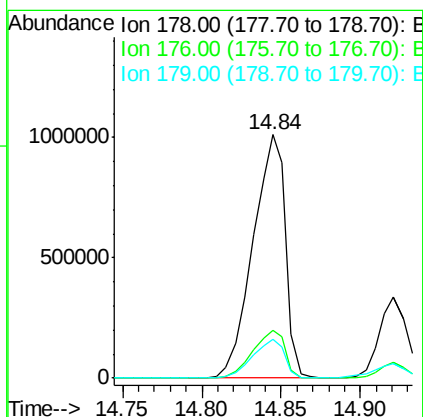
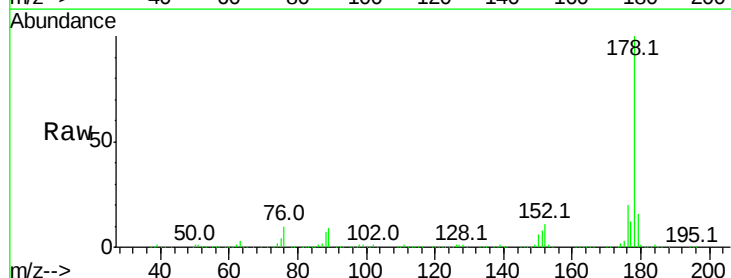
Instrument :
BNA_F
ClientSampleId :

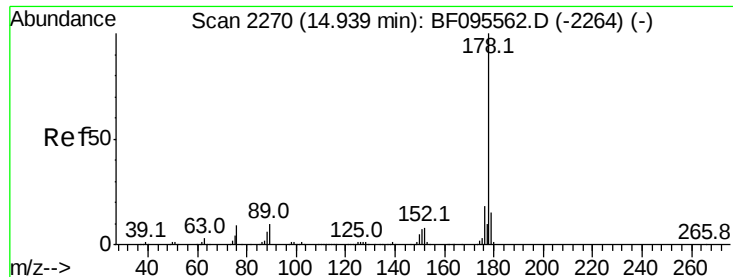
Tot Ion:188 Resp: 209709
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 11.8 10.2 15.2



#70
Phenanthrene
Concen: 119.80 ng
RT: 14.84 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF095664.D
Acq: 3 Jun 2017 8:37

Tgt Ion:178 Resp: 1443442
Ion Ratio Lower Upper
178 100
176 19.6 16.2 24.4
179 15.8 12.6 19.0

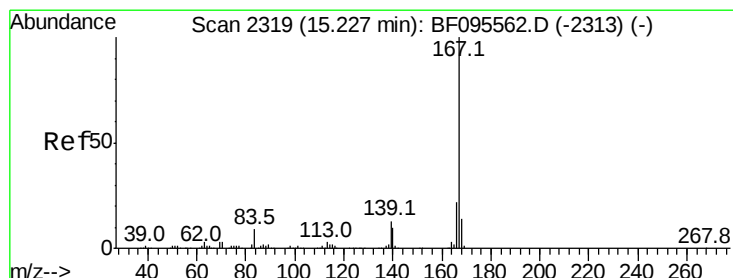
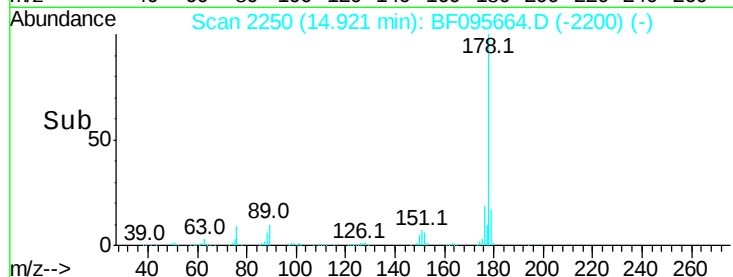
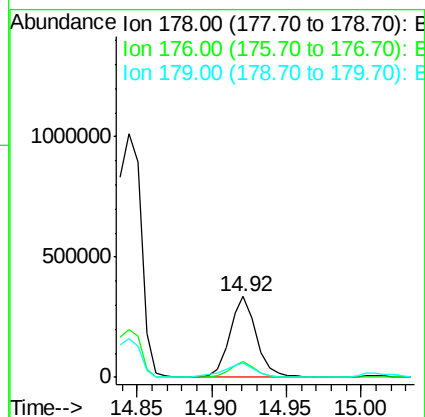
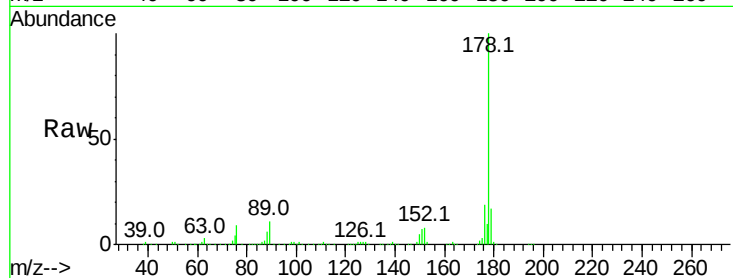




#71
 Anthracene
 Concen: 33.79 ng
 RT: 14.92 min Scan# 2250
 Delta R.T. -0.01 min
 Lab File: BF095664.D
 Acq: 3 Jun 2017 8:37

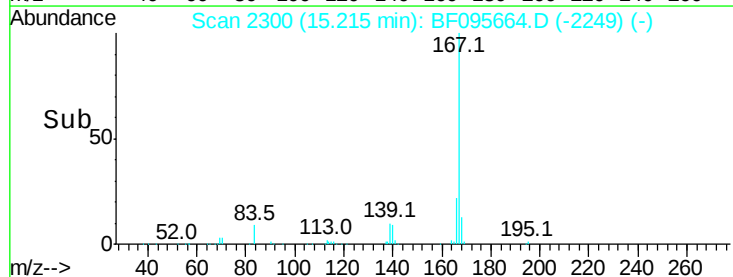
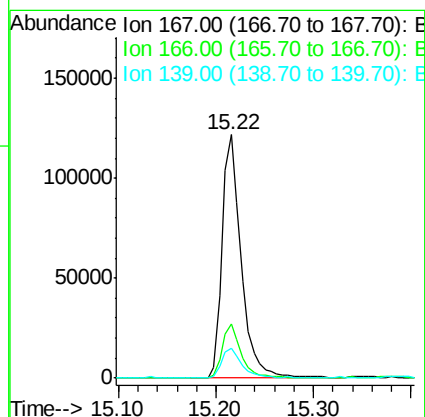
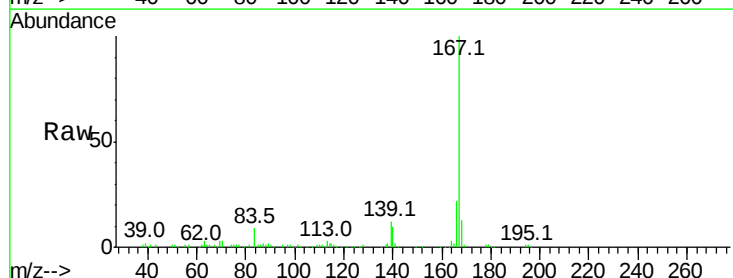
Instrument :
 BNA_F
 ClientSampleId :

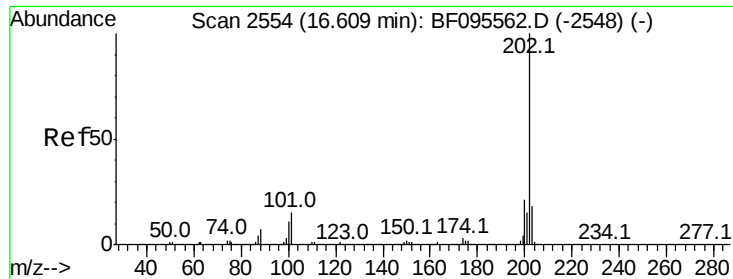
Tot Ion:178 Resp: 415909
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 17.4 12.7 19.1



#72
 Carbazole
 Concen: 14.82 ng
 RT: 15.22 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: BF095664.D
 Acq: 3 Jun 2017 8:37

Tgt Ion:167 Resp: 165968
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 12.5 11.7 17.5





#74

Fluoranthene

Concen: 94.89 ng

RT: 16.60 min Scan# 2536

Delta R.T. -0.00 min

Lab File: BF095664.D

Acq: 3 Jun 2017 8:37

Instrument :

BNA_F

ClientSampleId :

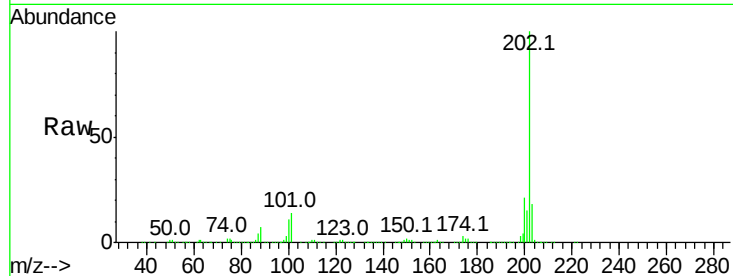
Tot Ion:202 Resp: 1172838

Ion Ratio Lower Upper

202 100

101 14.1 0.0 33.2

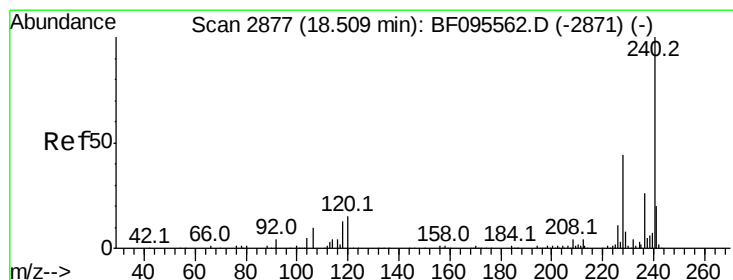
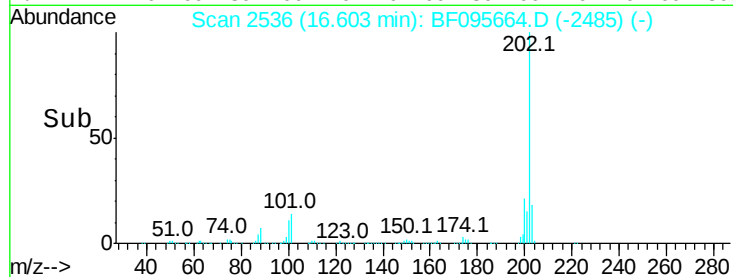
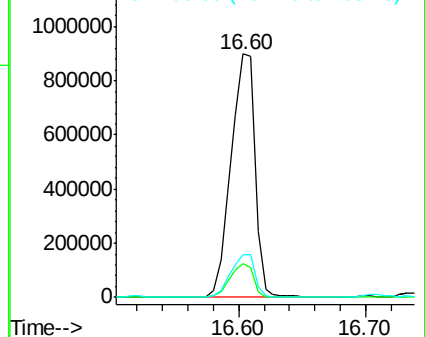
203 17.6 0.0 38.1



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: 18.50 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BF095664.D

Acq: 3 Jun 2017 8:37

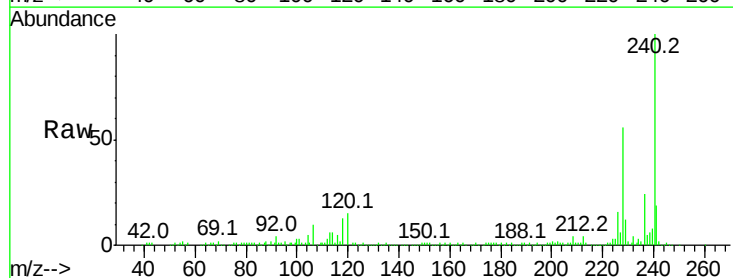
Tgt Ion:240 Resp: 172262

Ion Ratio Lower Upper

240 100

120 15.0 5.8 8.8#

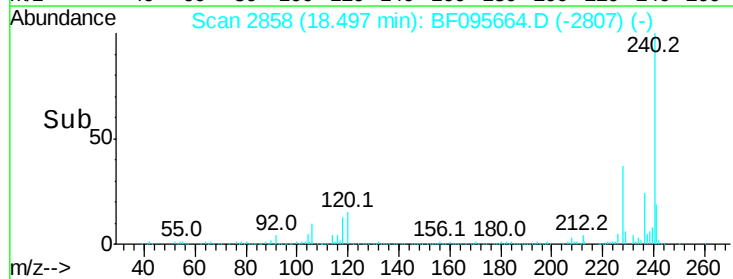
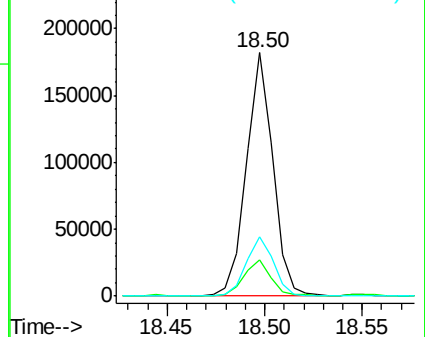
236 24.5 20.5 30.7

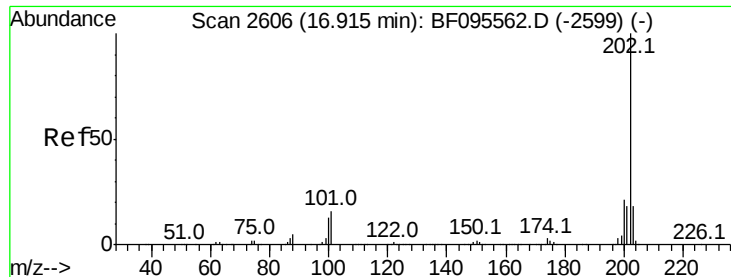


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 75.19 ng

RT: 16.91 min Scan# 2588

Delta R.T. 0.01 min

Lab File: BF095664.D

Acq: 3 Jun 2017 8:37

Instrument :

BNA_F

ClientSampleId :

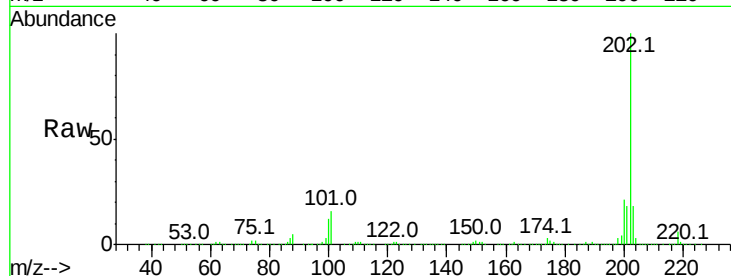
Tot Ion:202 Resp: 968672

Ion Ratio Lower Upper

202 100

200 21.3 17.6 26.4

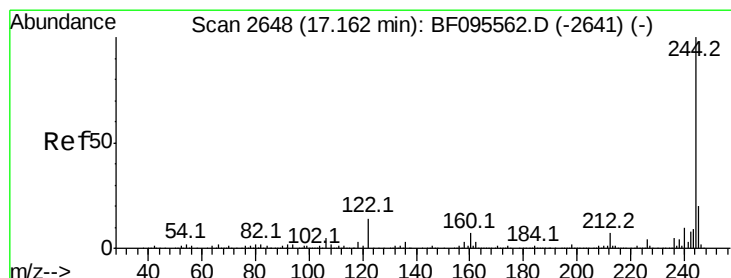
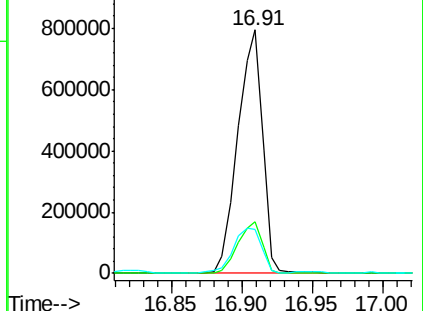
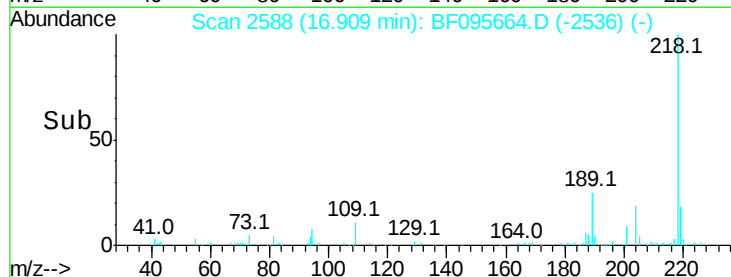
203 18.1 14.4 21.6



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: 61.83 ng

RT: 17.14 min Scan# 2628

Delta R.T. -0.01 min

Lab File: BF095664.D

Acq: 3 Jun 2017 8:37

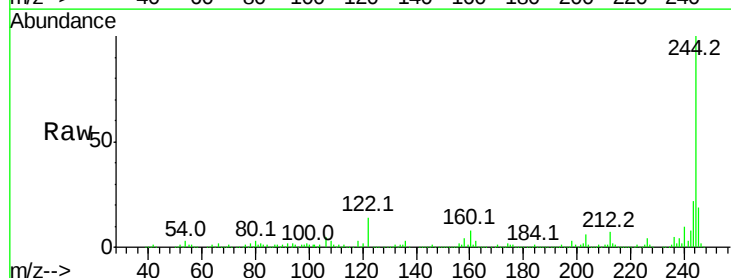
Tgt Ion:244 Resp: 483551

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

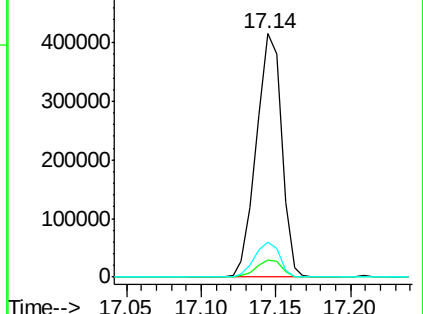
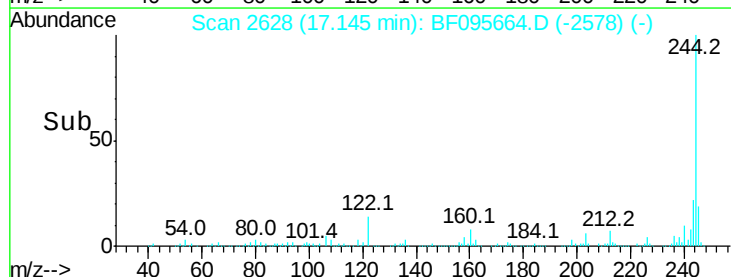
122 14.5 10.3 15.5

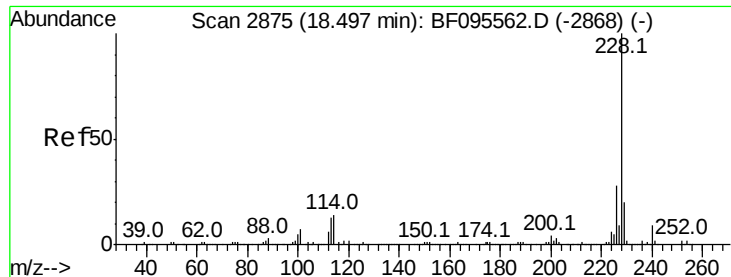


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 37.80 ng

RT: 18.49 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BF095664.D

Acq: 3 Jun 2017 8:37

Instrument :

BNA_F

ClientSampleId :

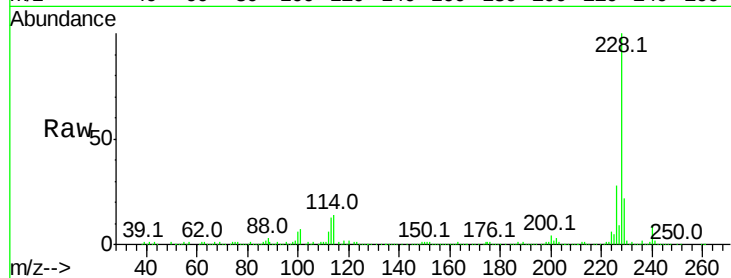
Tot Ion:228 Resp: 378965

Ion Ratio Lower Upper

228 100

226 27.9 22.6 33.8

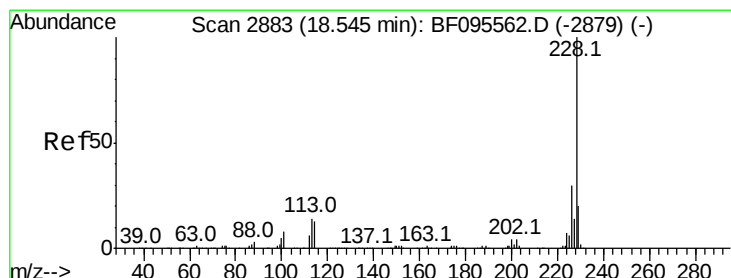
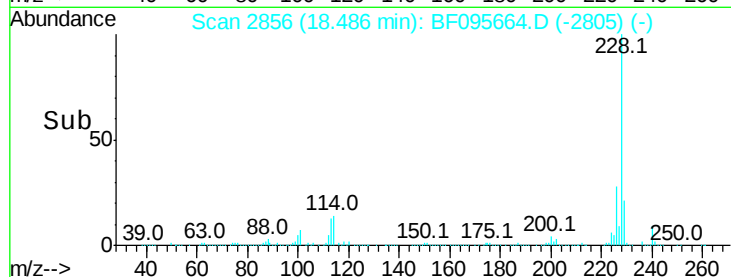
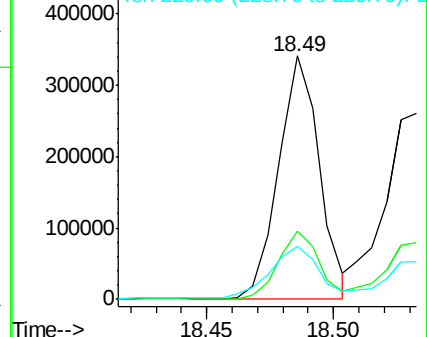
229 21.8 16.3 24.5



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: 35.03 ng

RT: 18.53 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BF095664.D

Acq: 3 Jun 2017 8:37

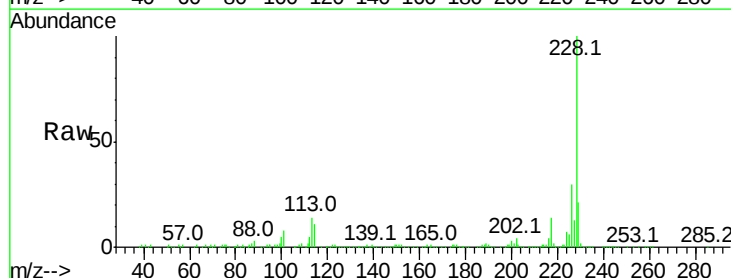
Tgt Ion:228 Resp: 339614

Ion Ratio Lower Upper

228 100

226 30.3 24.9 37.3

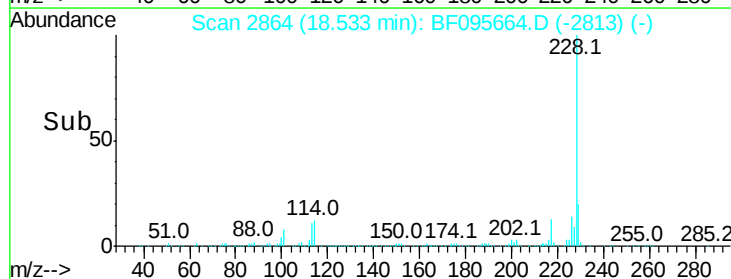
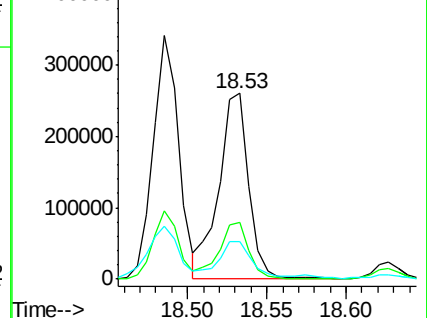
229 20.5 15.8 23.6

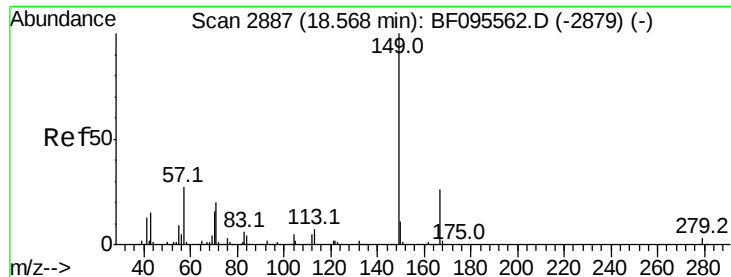


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 6.19 ng

RT: 18.56 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BF095664.D

Acq: 3 Jun 2017 8:37

Instrument :

BNA_F

ClientSampleId :

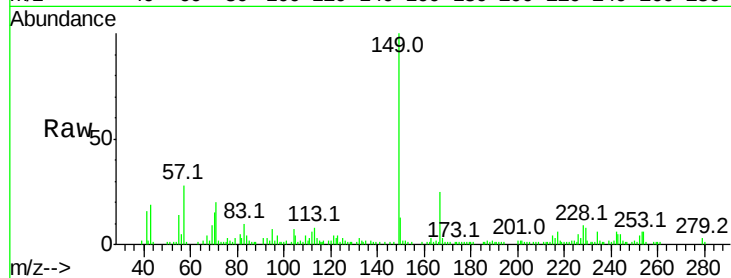
Tot Ion:149 Resp: 52844

Ion Ratio Lower Upper

149 100

167 25.5 21.0 31.4

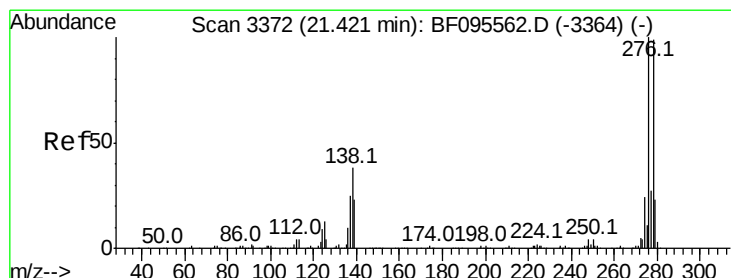
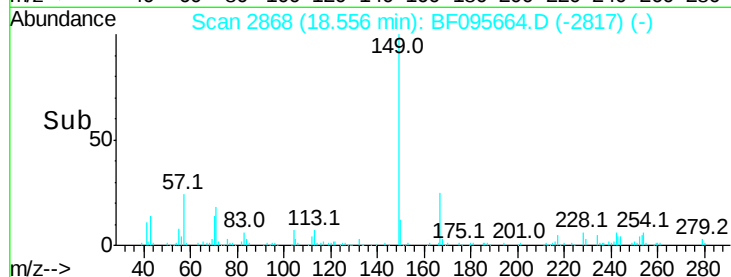
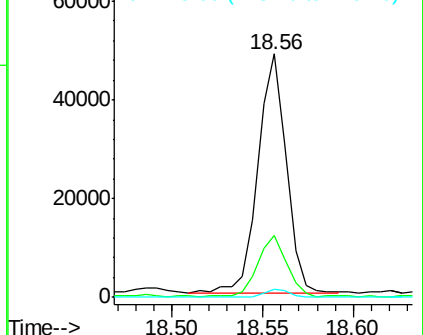
279 3.2 1.9 2.9#



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 11.56 ng

RT: 21.42 min Scan# 3355

Delta R.T. 0.01 min

Lab File: BF095664.D

Acq: 3 Jun 2017 8:37

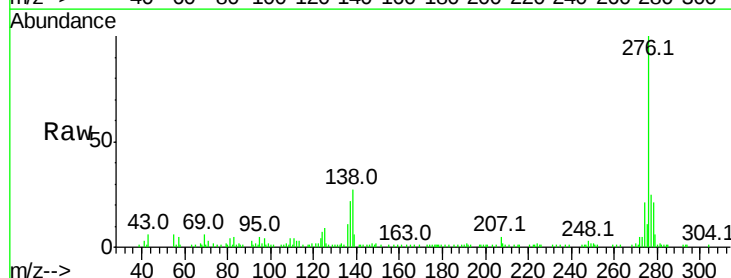
Tgt Ion:276 Resp: 91038

Ion Ratio Lower Upper

276 100

138 30.7 27.8 41.6

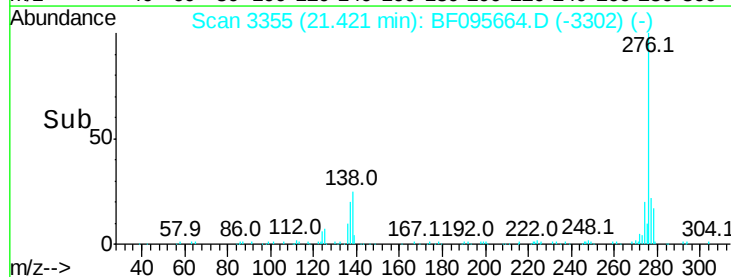
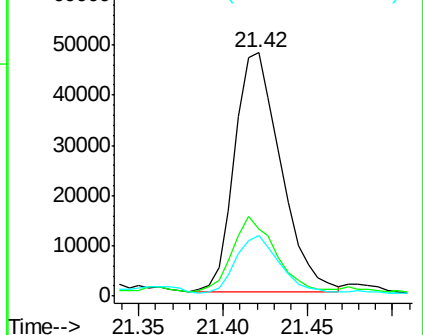
277 22.4 20.2 30.4

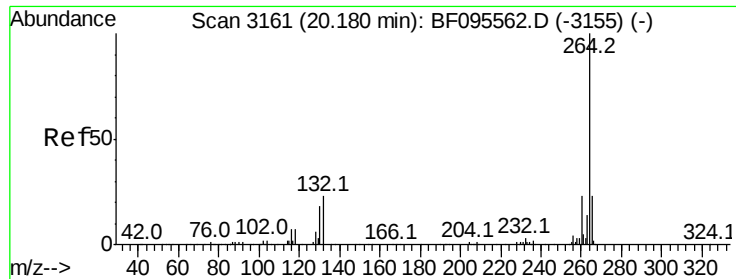


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

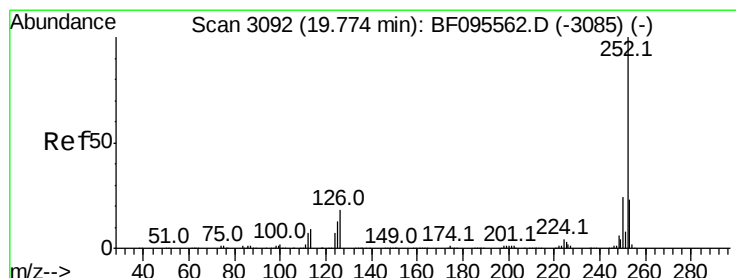
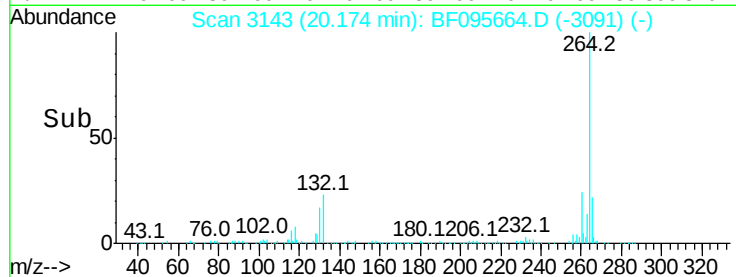
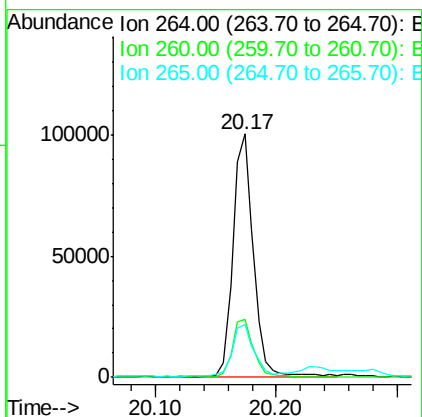
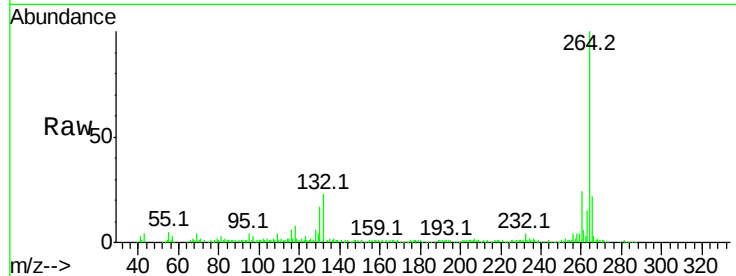




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.17 min Scan# 3143
Delta R.T. 0.01 min
Lab File: BF095664.D
Acq: 3 Jun 2017 8:37

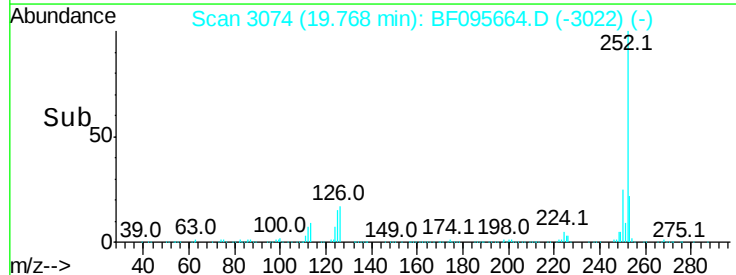
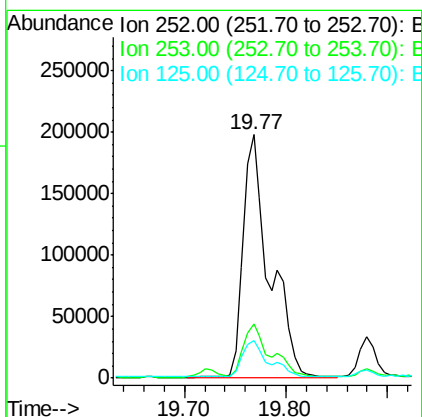
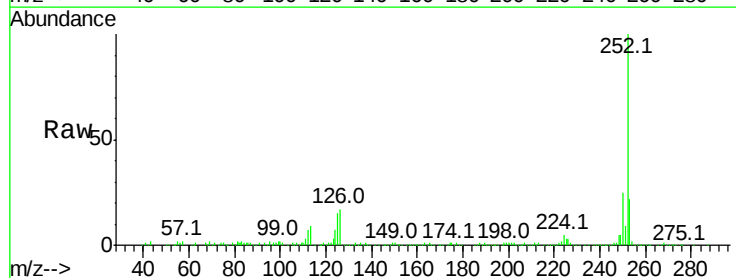
Instrument :
BNA_F
ClientSampled :

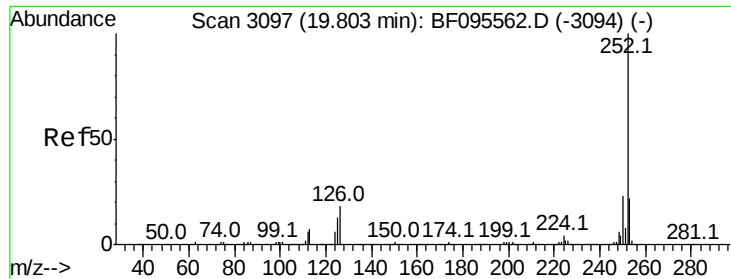
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.5	17.2	25.8



#87
Benzo(b)fluoranthene
Concen: 48.99 ng
RT: 19.77 min Scan# 3074
Delta R.T. 0.01 min
Lab File: BF095664.D
Acq: 3 Jun 2017 8:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	15.2	9.8	14.8

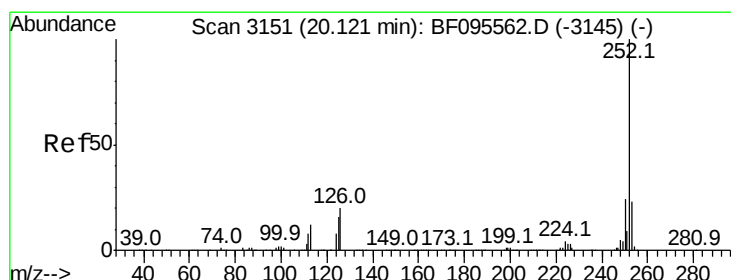
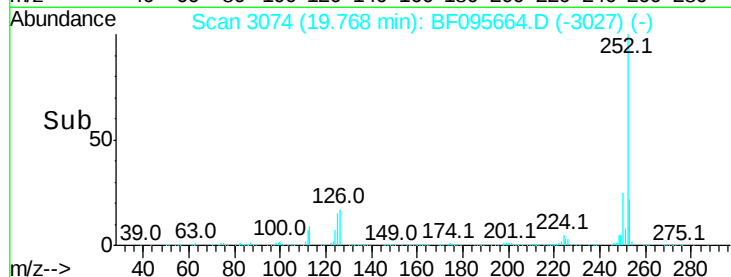
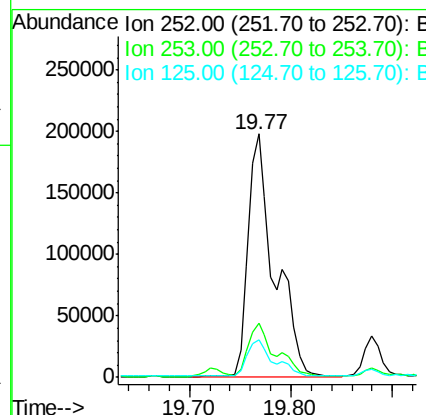
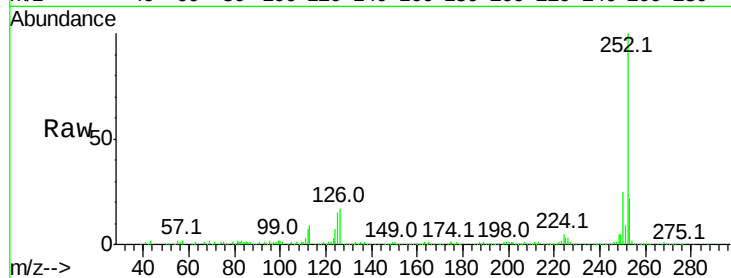




#88
Benzo(k)fluoranthene
Concen: 50.78 ng
RT: 19.77 min Scan# 3074
Delta R.T. -0.02 min
Lab File: BF095664.D
Acq: 3 Jun 2017 8:37

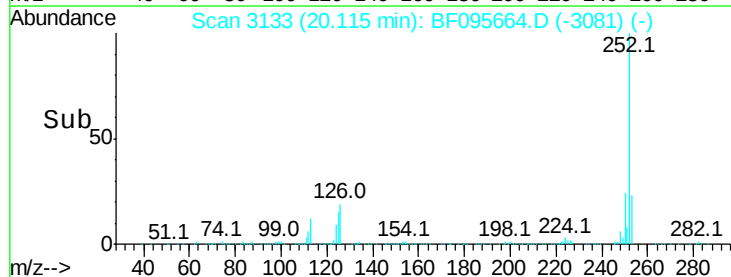
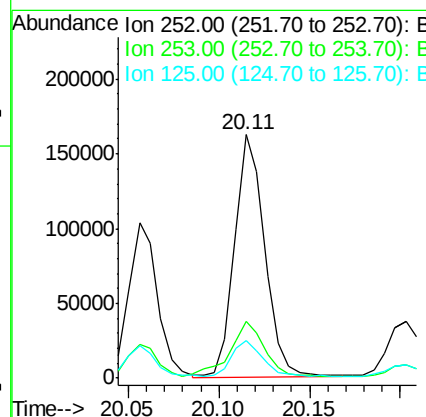
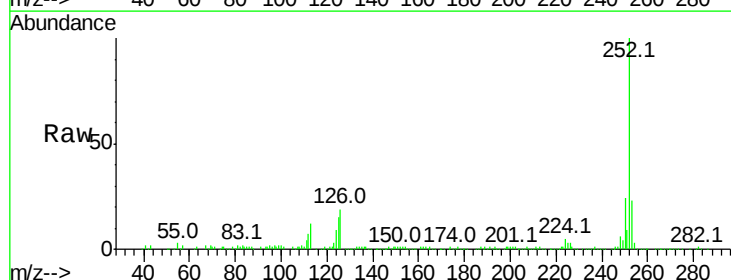
Instrument :
BNA_F
ClientSampled :

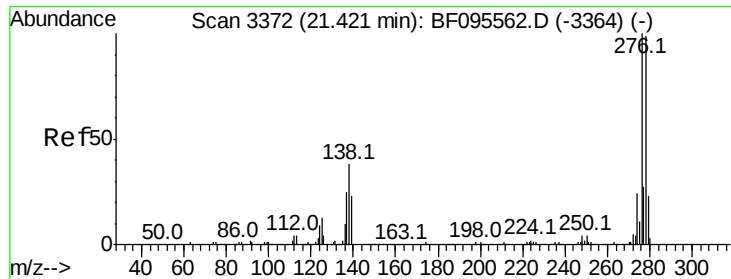
Tot Ion:252	Resp:	361735
Ion Ratio	Lower	Upper
252	100	
253	22.0	18.4 27.6
125	15.2	13.1 19.7



#89
Benzo(a)pyrene
Concen: 27.66 ng
RT: 20.11 min Scan# 3133
Delta R.T. 0.01 min
Lab File: BF095664.D
Acq: 3 Jun 2017 8:37

Tgt Ion:252	Resp:	188485
Ion Ratio	Lower	Upper
252	100	
253	23.3	17.5 26.3
125	15.3	11.0 16.4





#90

Dibenzo(a,h)anthracene

Concen: 2.28 ng

RT: 21.61 min Scan# 3387

Delta R.T. 0.20 min

Lab File: BF095664.D

Acq: 3 Jun 2017 8:37

Instrument :

BNA_F

ClientSampleId :

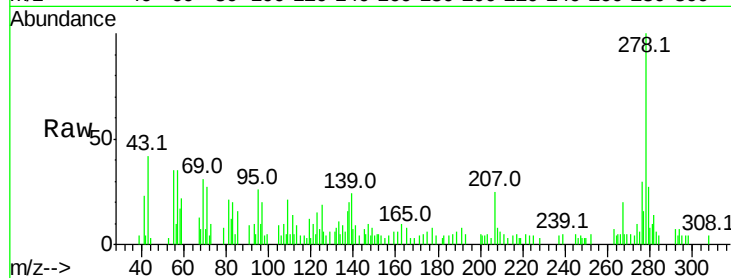
Tot Ion:278 Resp: 12843

Ion Ratio Lower Upper

278 100

139 23.9 16.6 24.8

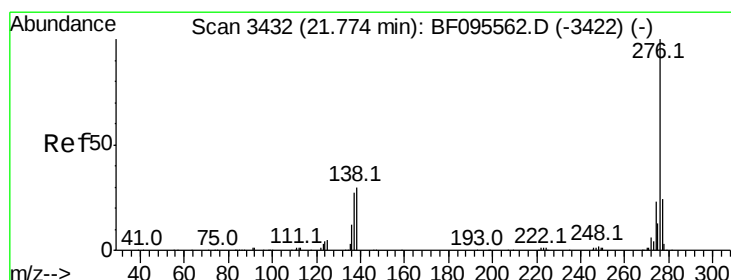
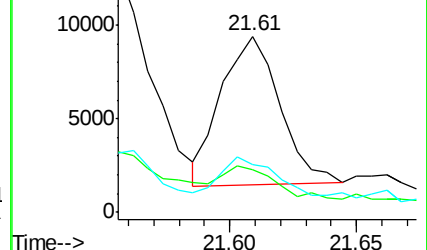
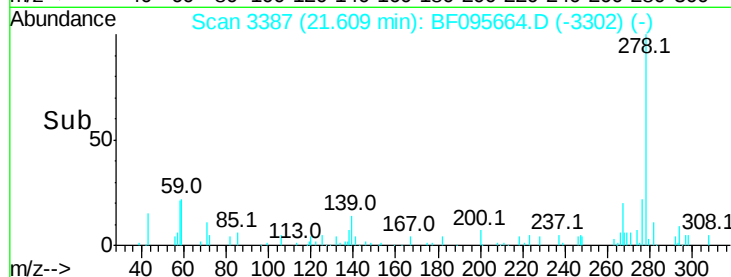
279 27.2 19.3 28.9



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: 15.12 ng

RT: 21.78 min Scan# 3416

Delta R.T. 0.02 min

Lab File: BF095664.D

Acq: 3 Jun 2017 8:37

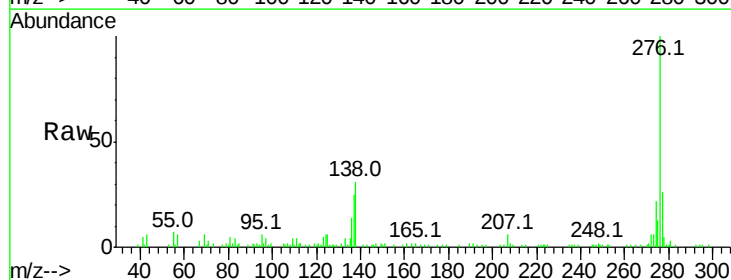
Tgt Ion:276 Resp: 83485

Ion Ratio Lower Upper

276 100

277 25.6 18.6 28.0

138 30.7 25.4 38.0



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

