

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053017\
 Data File : BF095534.D
 Acq On : 30 May 2017 14:31
 Operator : SJ/MA
 Sample : I3181-14
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 31 01:39:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	98560	20.00	ng	0.00
21) Naphthalene-d8	9.76	136	403999	20.00	ng	0.00
38) Acenaphthene-d10	12.59	164	185114	20.00	ng	0.00
63) Phenanthrene-d10	14.99	188	293653	20.00	ng	0.00
75) Chrysene-d12	18.67	240	202256	20.00	ng	0.00
86) Perylene-d12	20.35	264	214249	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	612764	103.65	ng	0.00
7) Phenol-d6	7.28	99	765985	107.99	ng	-0.01
23) Nitrobenzene-d5	8.64	82	451434	70.46	ng	-0.01
41) 2,4,6-Tribromophenol	13.89	330	141036	93.03	ng	-0.01
44) 2-Fluorobiphenyl	11.52	172	864704	67.23	ng	-0.01
78) Terphenyl-d14	17.31	244	530738	57.80	ng	-0.01

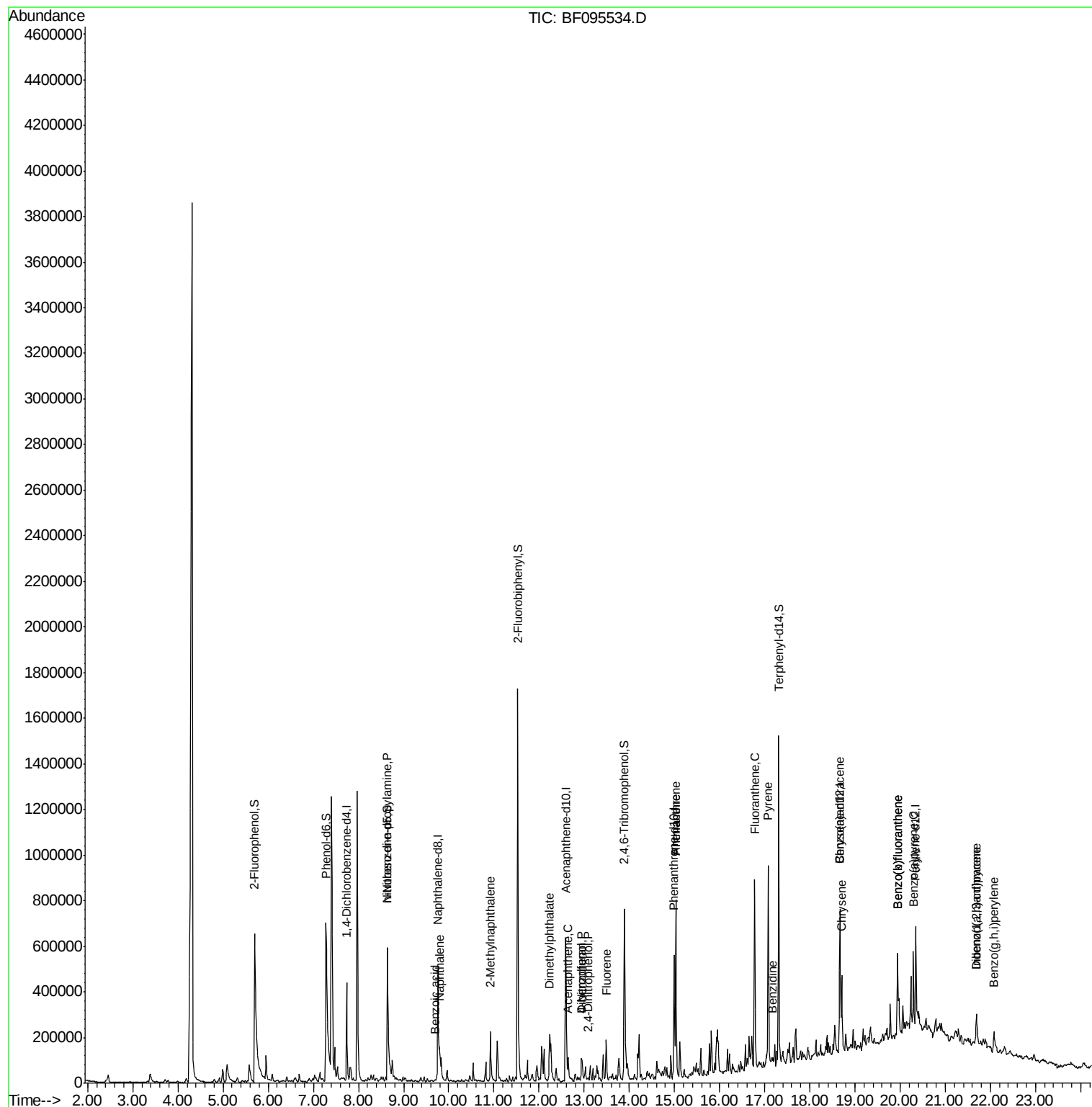
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	8.64	70	52882	11.02	ng	# 75
31) Naphthalene	9.80	128	103044	5.07	ng	99
32) Benzoic acid	9.69	122	109	5.11	ng	# 87
37) 2-Methylnaphthalene	10.92	142	110643	8.30	ng	95
49) Dimethylphthalate	12.23	163	151457	9.97	ng	97
51) Acenaphthene	12.64	154	34921	2.97	ng	100
53) 2,4-Dinitrophenol	13.09	184	363	6.44	ng	# 4
54) Dibenzofuran	12.94	168	53668	3.29	ng	97
55) 4-Nitrophenol	12.94	139	20098	10.06	ng	# 29
57) Fluorene	13.49	166	32457	2.29	ng	92
70) Phenanthrene	15.03	178	452020	26.79	ng	99
71) Anthracene	15.03	178	452020	26.23	ng	99
74) Fluoranthene	16.78	202	458093	26.47	ng	99
76) Benzidine	17.17	184	120	6.61	ng	# 1
77) Pyrene	17.08	202	406305	26.86	ng	# 95
80) Benzo(a)anthracene	18.66	228	167353	14.22	ng	96
82) Chrysene	18.71	228	166059	14.59	ng	97
85) Indeno(1,2,3-cd)pyrene	21.69	276	89235	9.65	ng	91
87) Benzo(b)fluoranthene	19.94	252	270440	20.43	ng	# 95
88) Benzo(k)fluoranthene	19.94	252	270440	21.18	ng	98
89) Benzo(a)pyrene	20.29	252	154421	12.64	ng	96
90) Dibenz(a,h)anthracene	21.68	278	23909	2.37	ng	# 76
91) Benzo(g,h,i)perylene	22.08	276	81141	8.20	ng	97

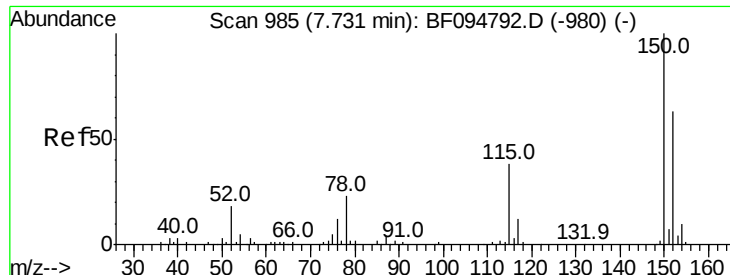
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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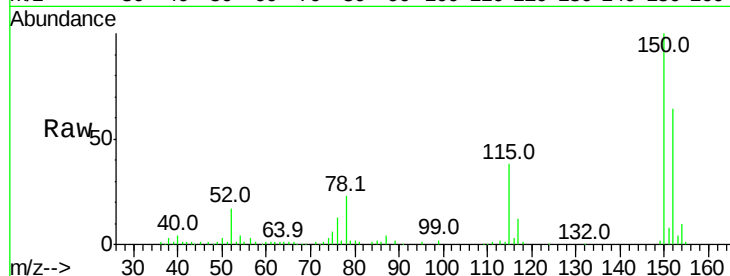


#1

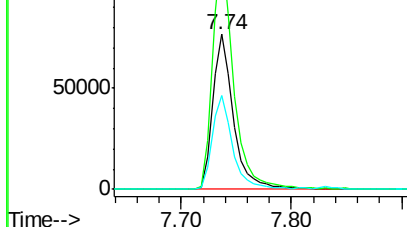
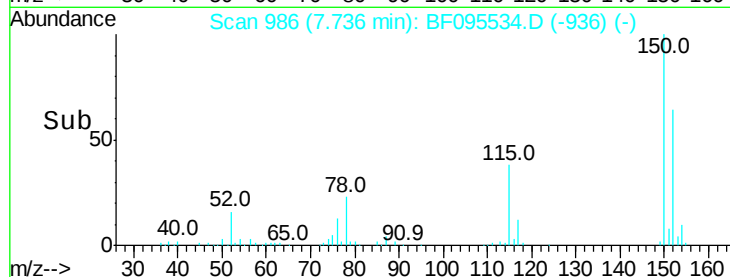
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF095534.D
Acq: 30 May 2017 14:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 98560
Ion Ratio Lower Upper
152 100
150 157.4 126.2 189.2
115 60.4 52.2 78.2



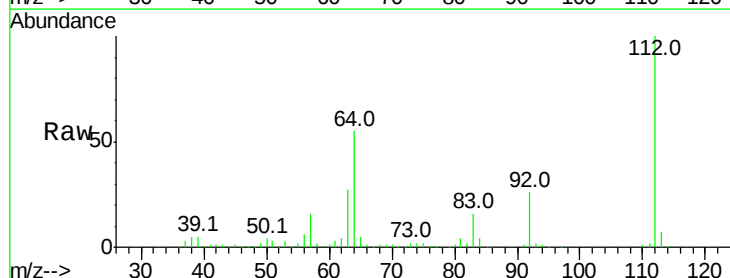
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



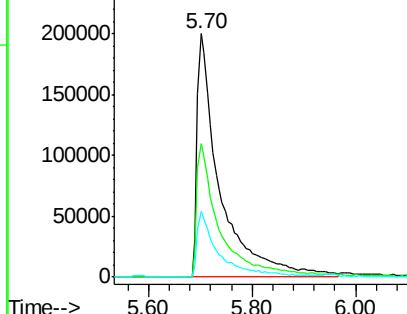
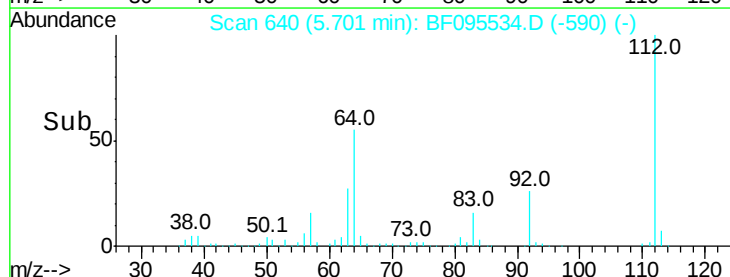
#5

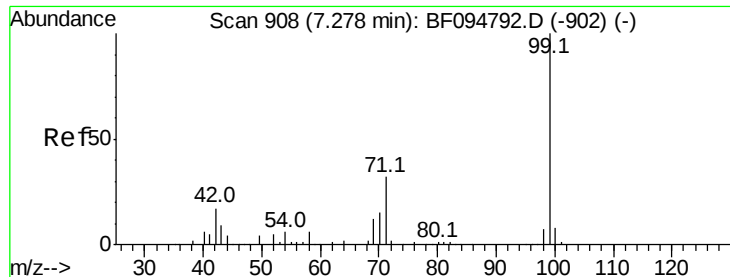
2-Fluorophenol
Concen: 103.65 ng
RT: 5.70 min Scan# 640
Delta R.T. -0.01 min
Lab File: BF095534.D
Acq: 30 May 2017 14:31

Tgt Ion:112 Resp: 612764
Ion Ratio Lower Upper
112 100
64 55.0 46.0 69.0
63 26.8 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: 107.99 ng

RT: 7.28 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF095534.D

Acq: 30 May 2017 14:31

Instrument :

BNA_F

ClientSampleId :

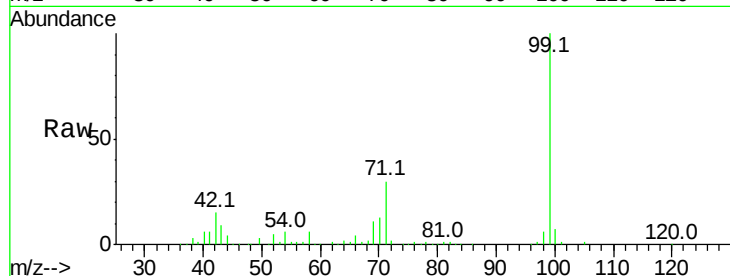
Tot Ion: 99 Resp: 765985

Ion Ratio Lower Upper

99 100

42 14.9 13.5 20.3

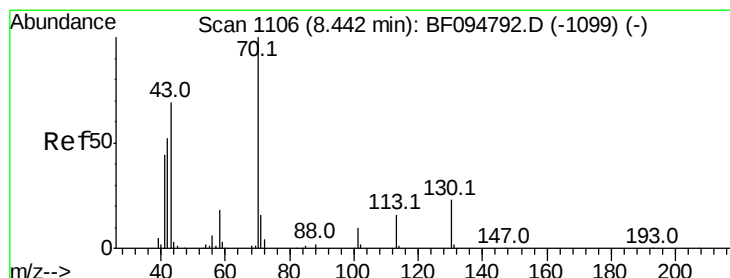
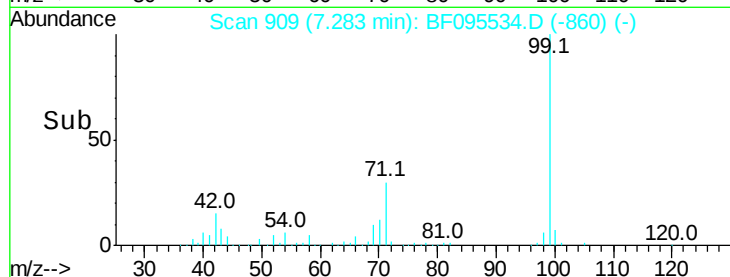
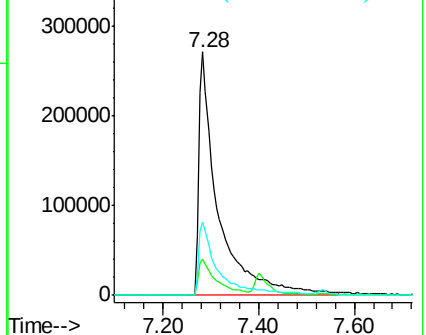
71 30.1 24.5 36.7



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: 11.02 ng

RT: 8.64 min Scan# 1140

Delta R.T. 0.18 min

Lab File: BF095534.D

Acq: 30 May 2017 14:31

Tgt Ion: 70 Resp: 52882

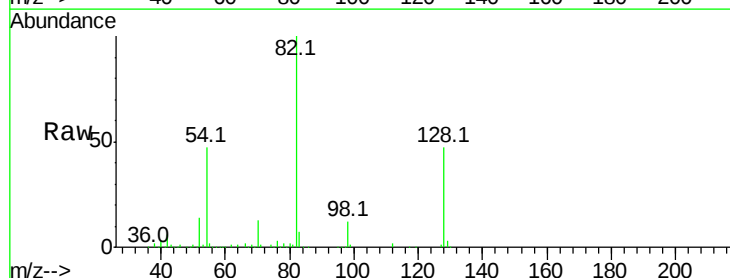
Ion Ratio Lower Upper

70 100

42 44.4 47.2 70.8#

101 0.0 7.2 10.8#

130 1.8 15.9 23.9#

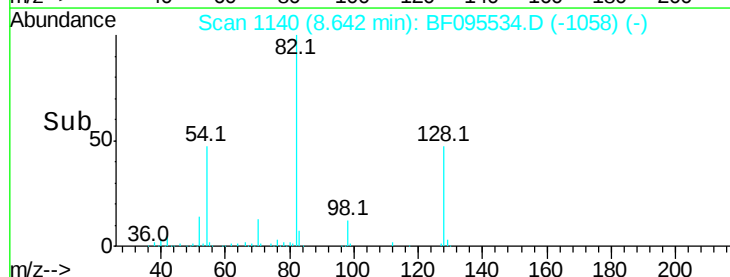
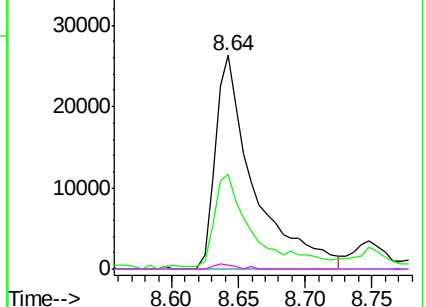


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.76 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BF095534.D

Acq: 30 May 2017 14:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 403999

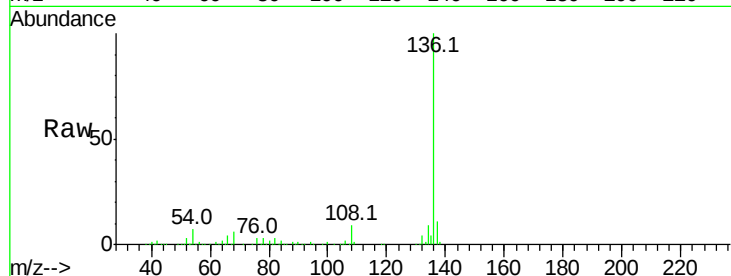
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 7.3 4.9 7.3

68 5.7 4.1 6.1

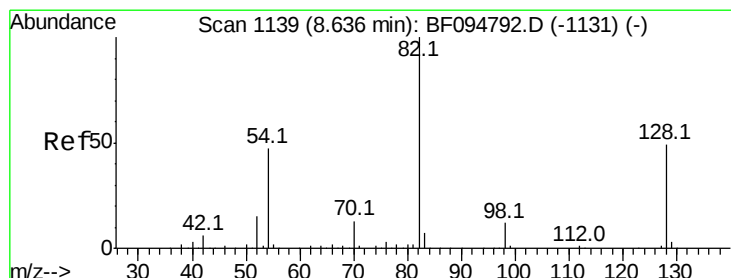
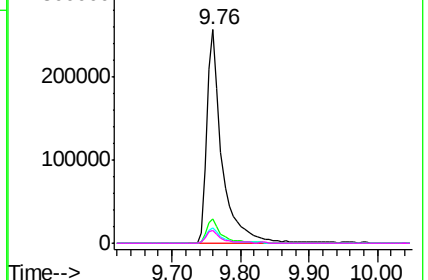
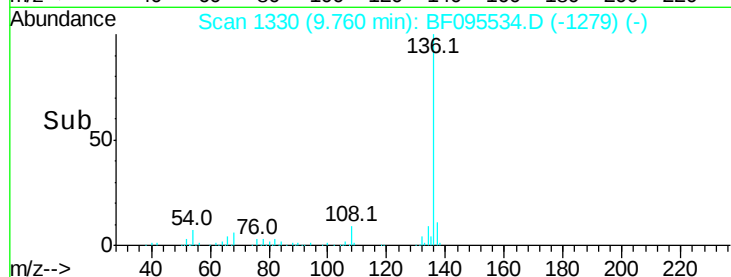


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.46 ng

RT: 8.64 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF095534.D

Acq: 30 May 2017 14:31

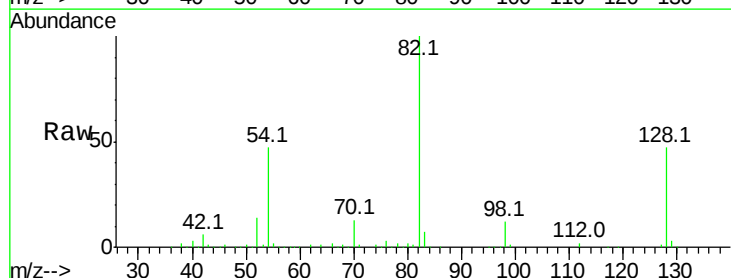
Tgt Ion: 82 Resp: 451434

Ion Ratio Lower Upper

82 100

128 47.3 34.0 51.0

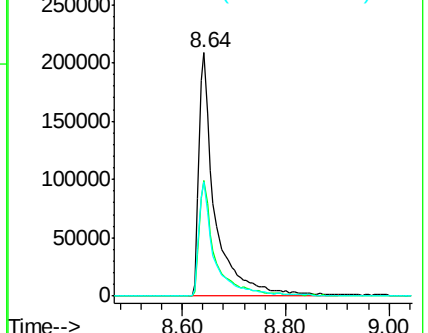
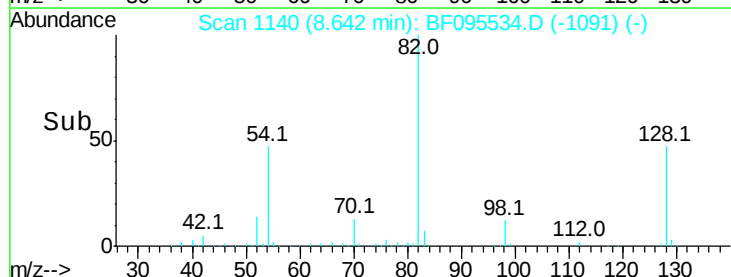
54 46.9 42.2 63.2

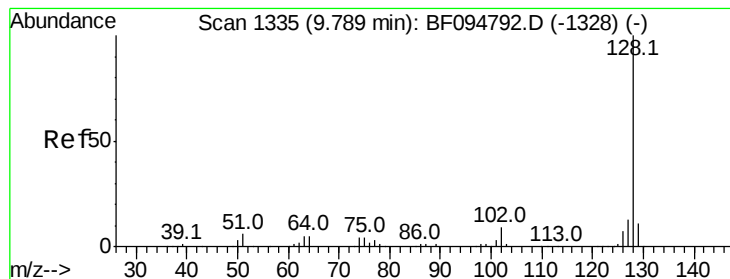


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 5.07 ng

RT: 9.80 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BF095534.D

Acq: 30 May 2017 14:31

Instrument :

BNA_F

ClientSampleId :

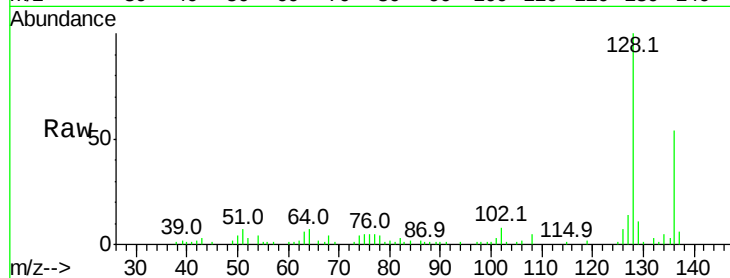
Tot Ion:128 Resp: 103044

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

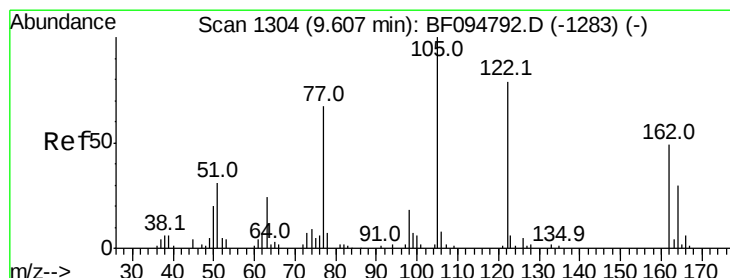
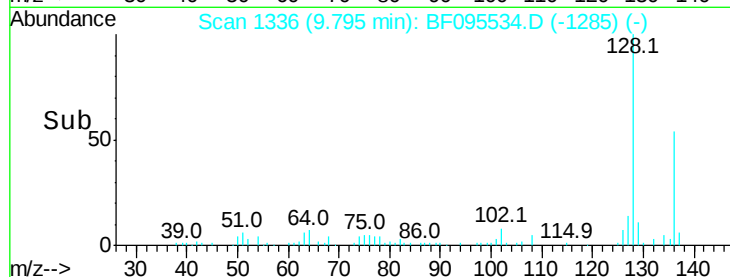
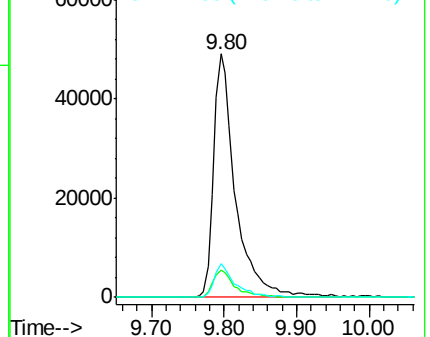
127 14.0 10.8 16.2



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: 5.11 ng

RT: 9.69 min Scan# 1318

Delta R.T. 0.01 min

Lab File: BF095534.D

Acq: 30 May 2017 14:31

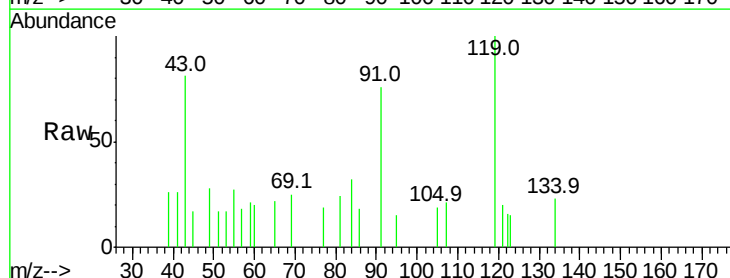
Tgt Ion:122 Resp: 109

Ion Ratio Lower Upper

122 100

105 124.0 103.3 143.3

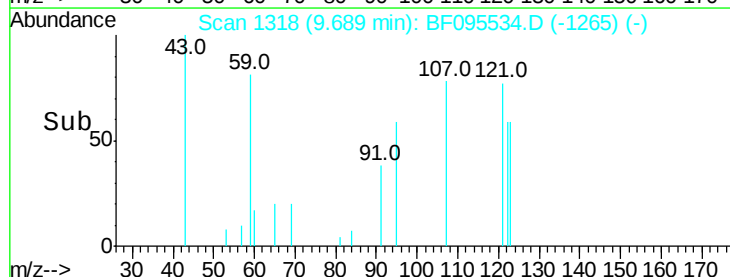
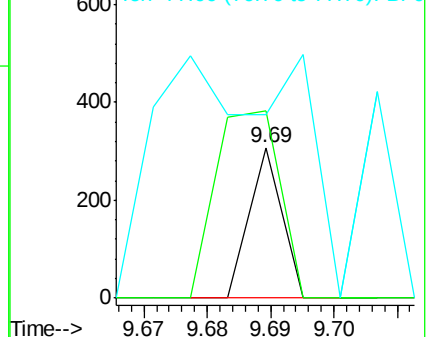
77 121.8 73.7 113.7#

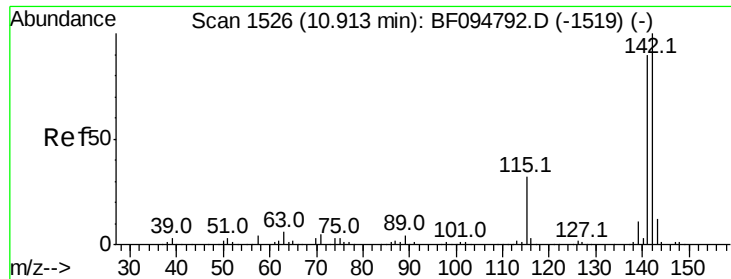


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

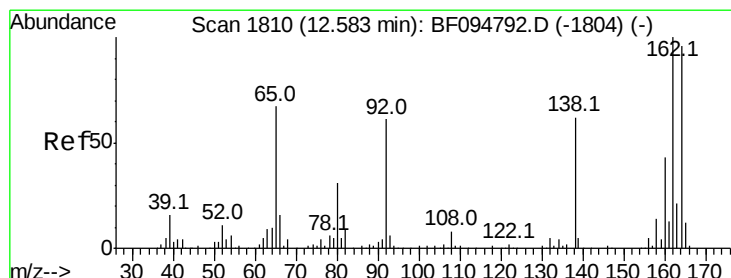
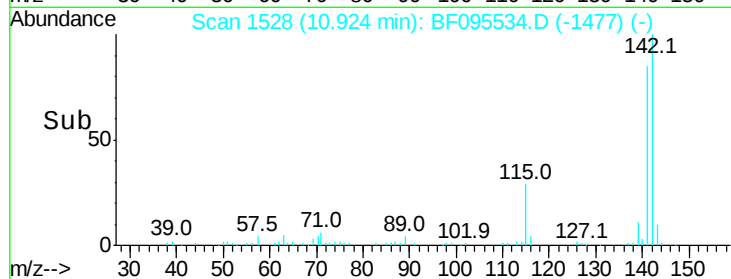
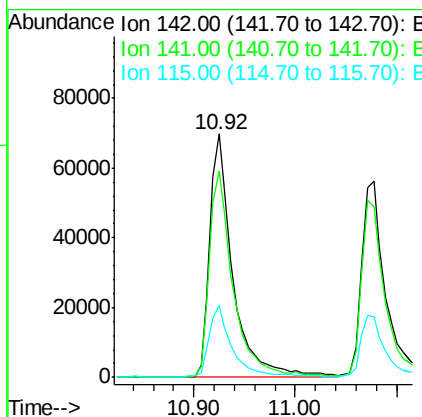
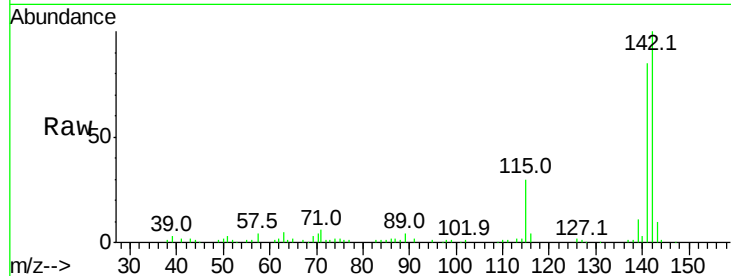




#37
2-Methylnaphthalene
Concen: 8.30 ng
RT: 10.92 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BF095534.D
Acq: 30 May 2017 14:31

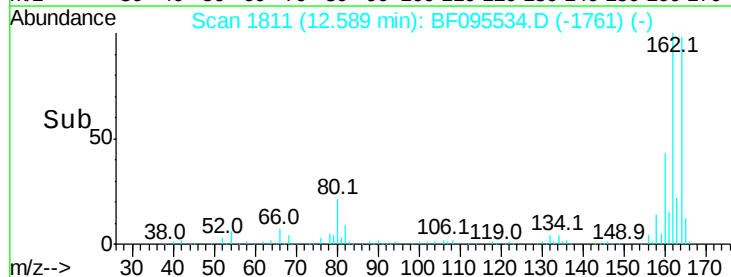
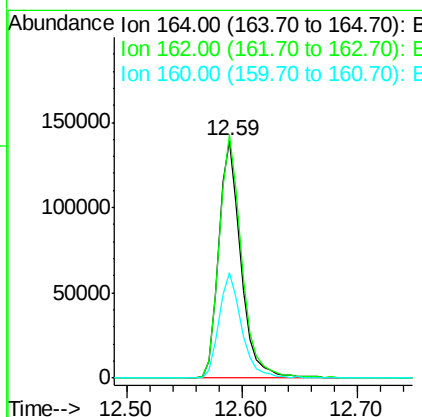
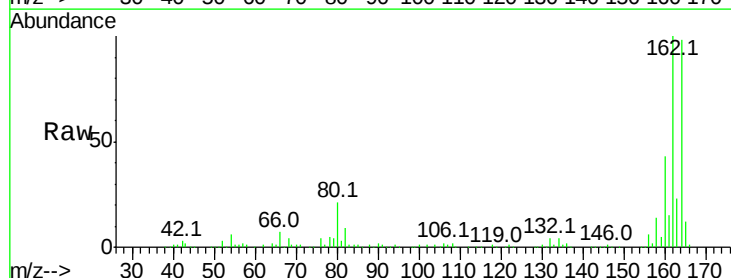
Instrument :
BNA_F
ClientSampled :

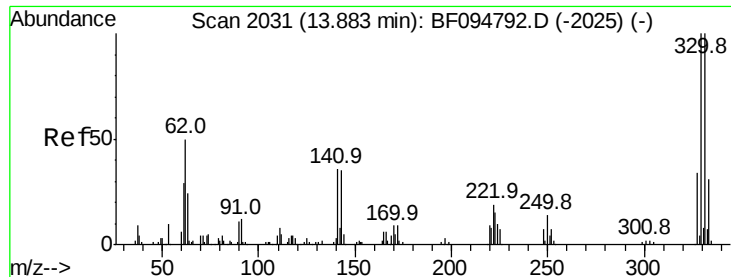
Tot Ion:142 Resp: 110643
Ion Ratio Lower Upper
142 100
141 84.9 71.3 106.9
115 29.6 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.59 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BF095534.D
Acq: 30 May 2017 14:31

Tgt Ion:164 Resp: 185114
Ion Ratio Lower Upper
164 100
162 102.4 82.6 123.8
160 44.2 36.2 54.2

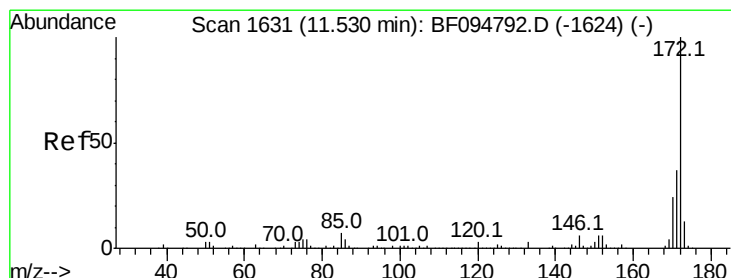
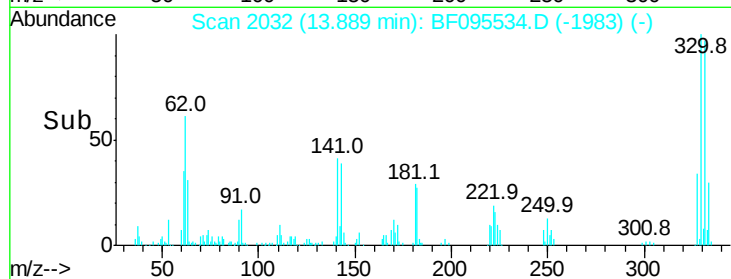
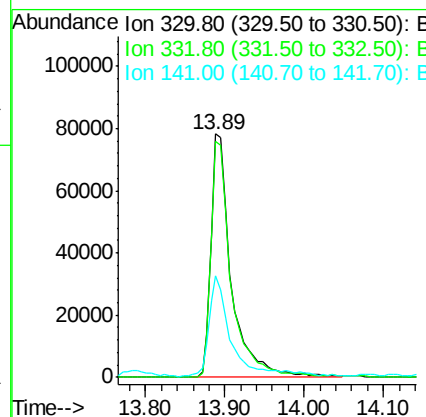
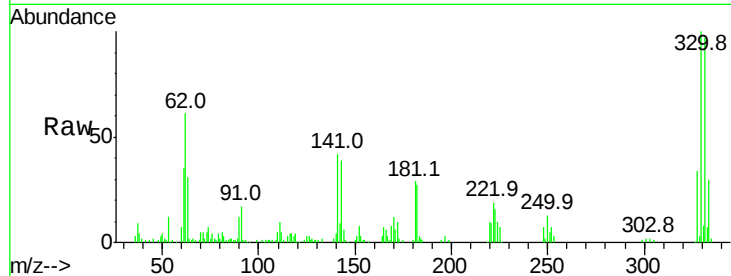




#41
 2,4,6-Tribromophenol
 Concen: 93.03 ng
 RT: 13.89 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF095534.D
 Acq: 30 May 2017 14:31

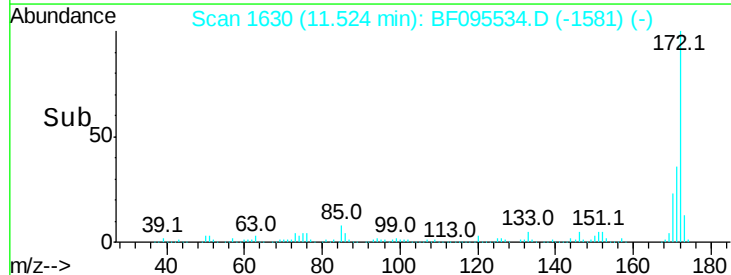
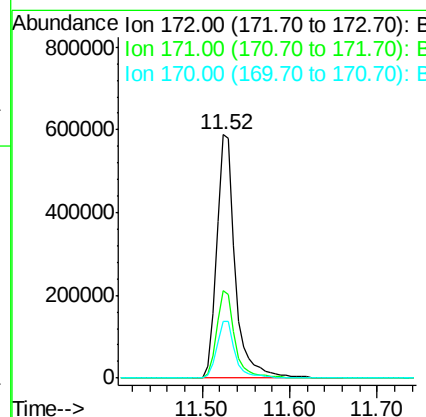
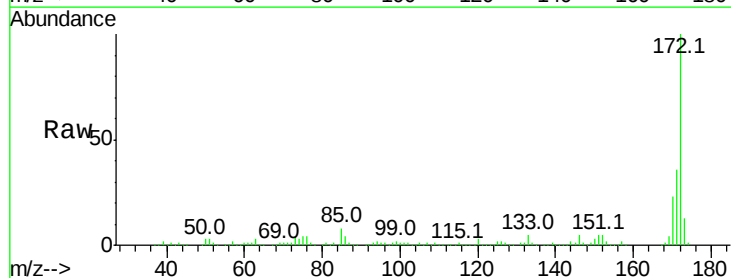
Instrument :
 BNA_F
 ClientSampleId :

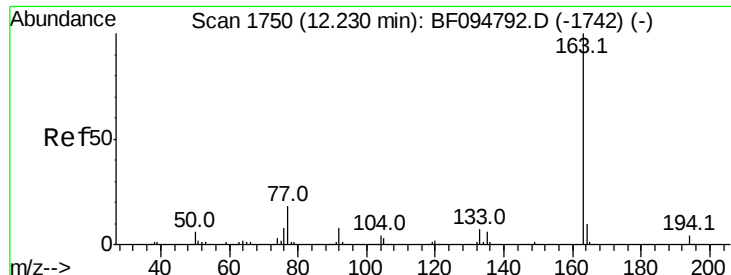
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.6	115.0
141	47.4	31.4	47.2#



#44
 2-Fluorobiphenyl
 Concen: 67.23 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BF095534.D
 Acq: 30 May 2017 14:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.3	19.8	29.8





#49

Dimethylphthalate

Concen: 9.97 ng

RT: 12.23 min Scan# 1750

Delta R.T. -0.01 min

Lab File: BF095534.D

Acq: 30 May 2017 14:31

Instrument :

BNA_F

ClientSampleId :

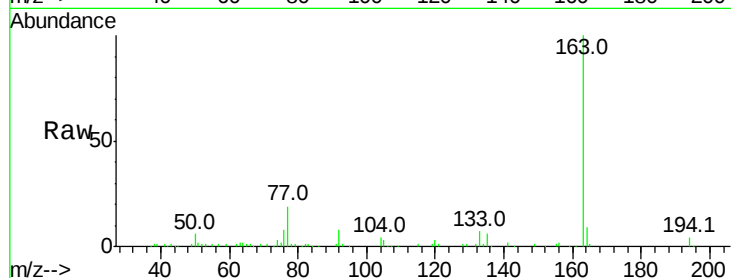
Tot Ion:163 Resp: 151457

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

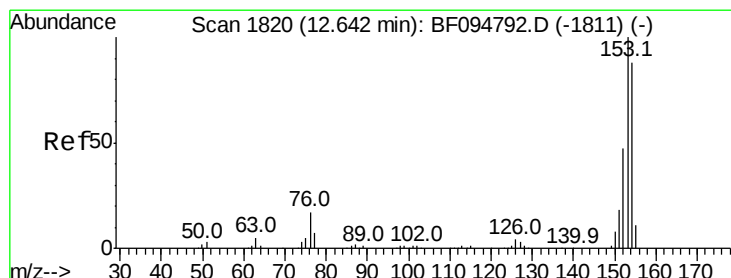
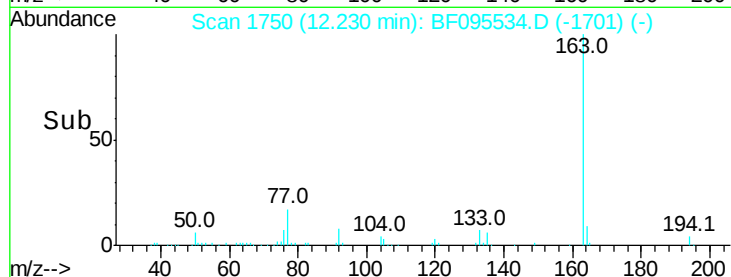
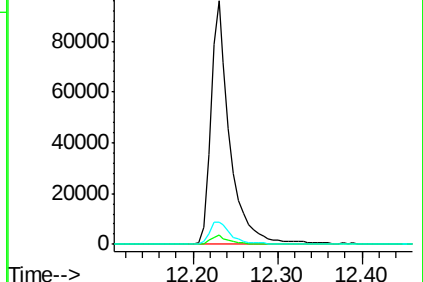
164 9.3 8.4 12.6



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: 2.97 ng

RT: 12.64 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF095534.D

Acq: 30 May 2017 14:31

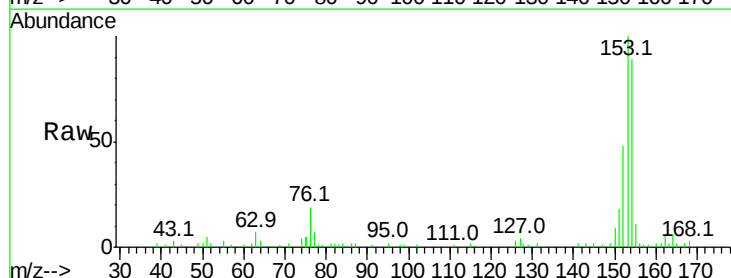
Tgt Ion:154 Resp: 34921

Ion Ratio Lower Upper

154 100

153 112.7 90.5 135.7

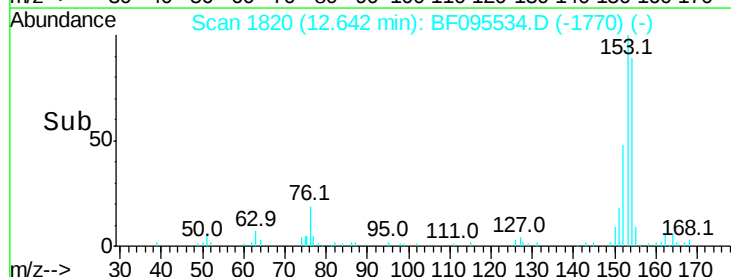
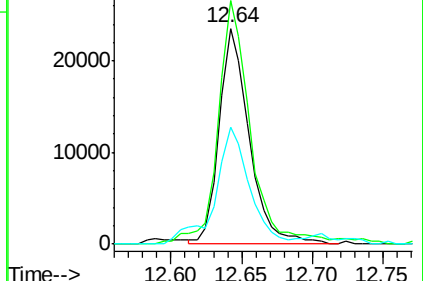
152 54.2 43.6 65.4

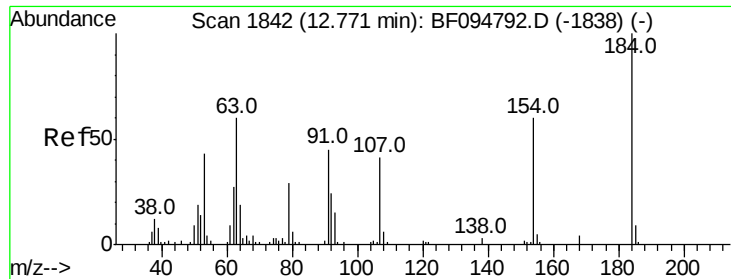


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

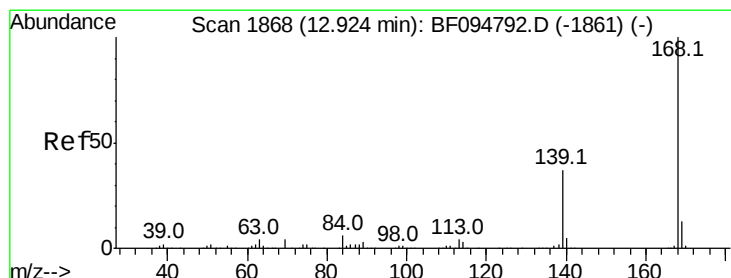
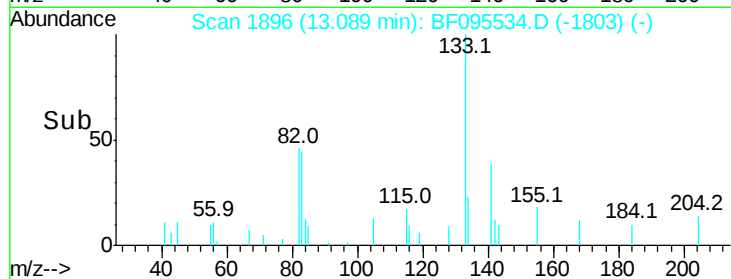
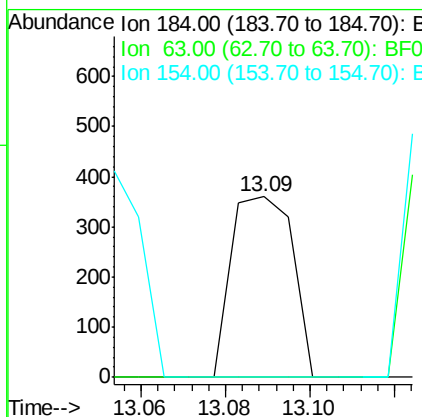
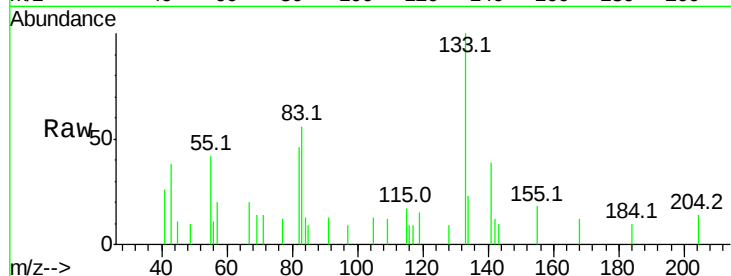




#53
 2,4-Dinitrophenol
 Concen: 6.44 ng
 RT: 13.09 min Scan# 1896
 Delta R.T. 0.25 min
 Lab File: BF095534.D
 Acq: 30 May 2017 14:31

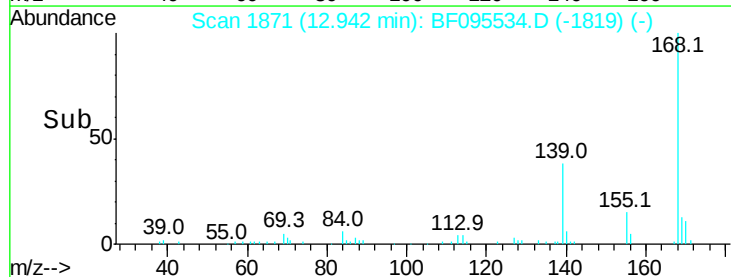
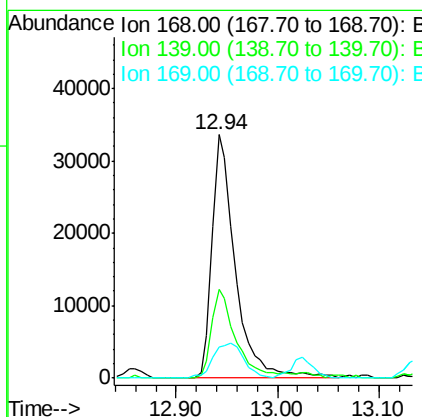
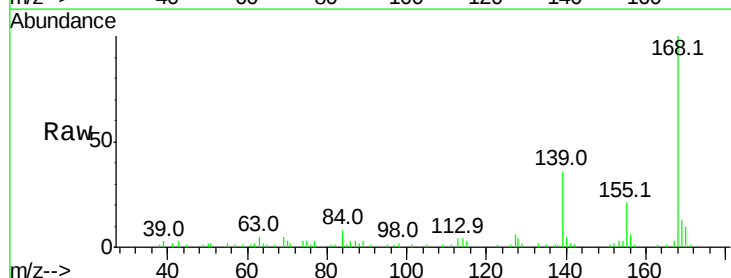
Instrument :
 BNA_F
 ClientSampleId :

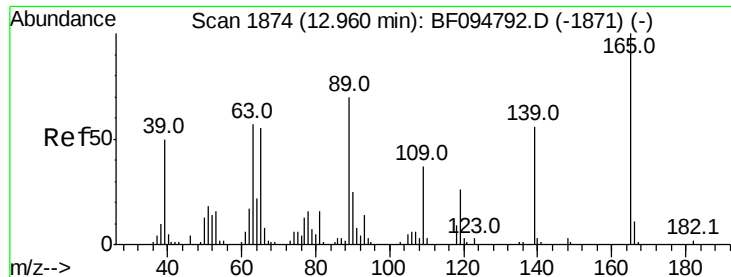
Tot Ion:184 Resp: 363
 Ion Ratio Lower Upper
 184 100
 63 0.0 62.7 94.1#
 154 0.0 81.1 121.7#



#54
 Dibenzofuran
 Concen: 3.29 ng
 RT: 12.94 min Scan# 1871
 Delta R.T. 0.01 min
 Lab File: BF095534.D
 Acq: 30 May 2017 14:31

Tgt Ion:168 Resp: 53668
 Ion Ratio Lower Upper
 168 100
 139 36.4 30.6 45.8
 169 12.8 10.8 16.2





#55

4-Nitrophenol

Concen: 10.06 ng

RT: 12.94 min Scan# 1871

Delta R.T. -0.10 min

Lab File: BF095534.D

Acq: 30 May 2017 14:31

Instrument :

BNA_F

ClientSampleId :

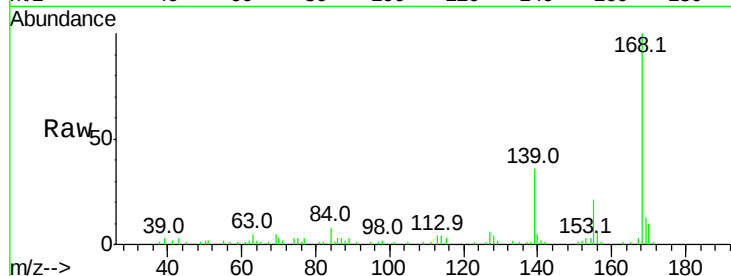
Tot Ion:139 Resp: 20098

Ion Ratio Lower Upper

139 100

109 2.8 34.1 74.1#

65 2.7 31.4 71.4#

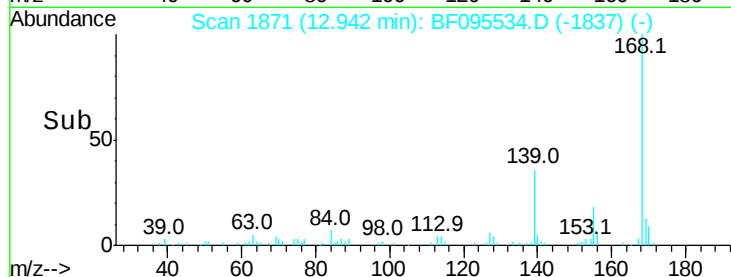


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

Time-->



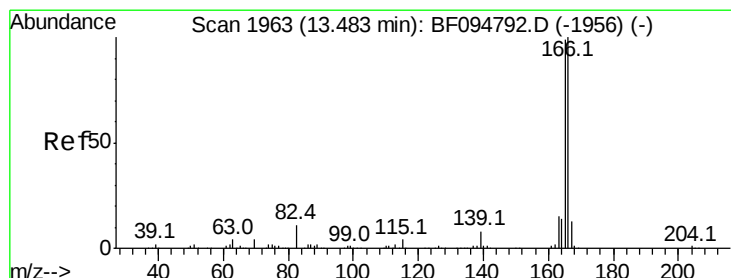
Abundance

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): E

Time-->



#57

Fluorene

Concen: 2.29 ng

RT: 13.49 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BF095534.D

Acq: 30 May 2017 14:31

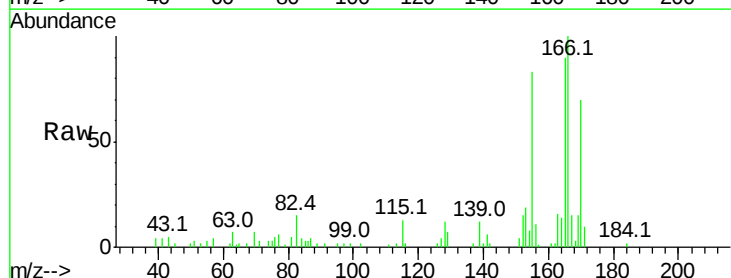
Tgt Ion:166 Resp: 32457

Ion Ratio Lower Upper

166 100

165 89.9 78.8 118.2

167 14.6 10.6 16.0

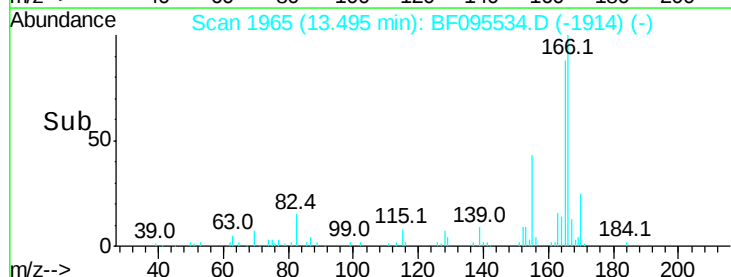


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->



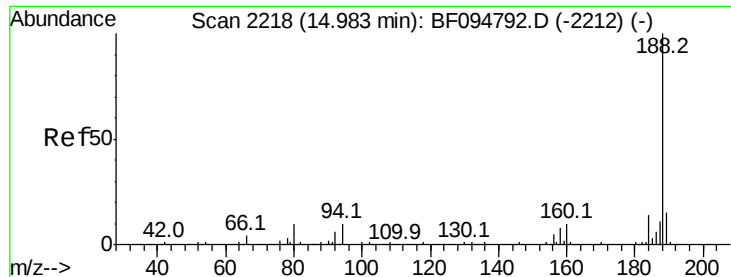
Abundance

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

Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.99 min Scan# 2220

Delta R.T. -0.01 min

Lab File: BF095534.D

Acq: 30 May 2017 14:31

Instrument :

BNA_F

ClientSampled :

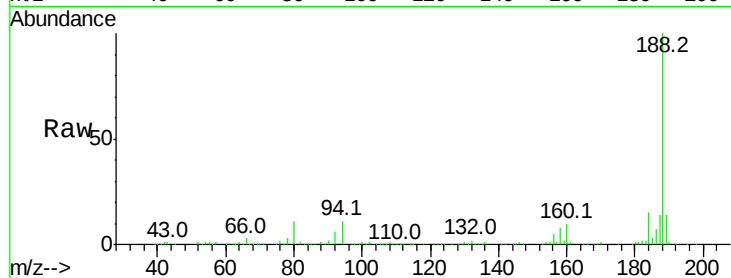
Tot Ion:188 Resp: 293653

Ion Ratio Lower Upper

188 100

94 10.7 9.4 14.2

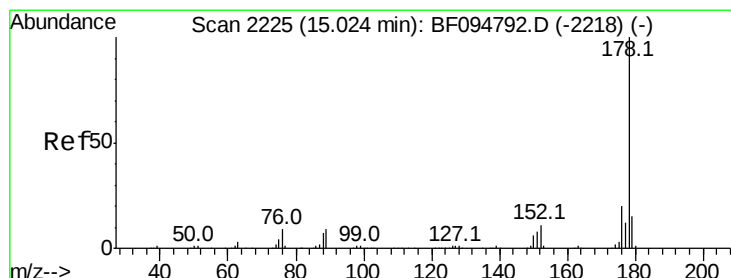
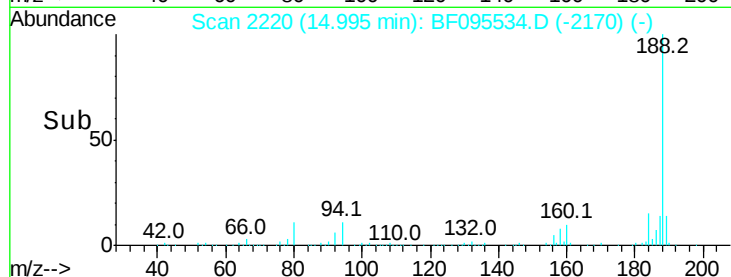
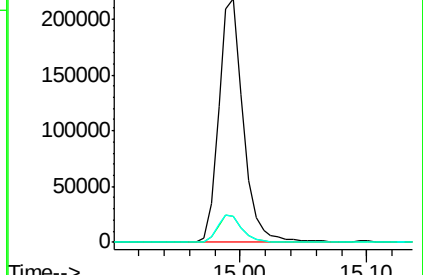
80 10.5 10.2 15.2



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



#70

Phenanthrene

Concen: 26.79 ng

RT: 15.03 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BF095534.D

Acq: 30 May 2017 14:31

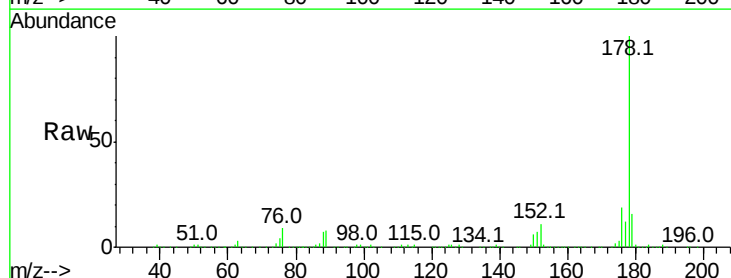
Tgt Ion:178 Resp: 452020

Ion Ratio Lower Upper

178 100

176 19.1 16.2 24.4

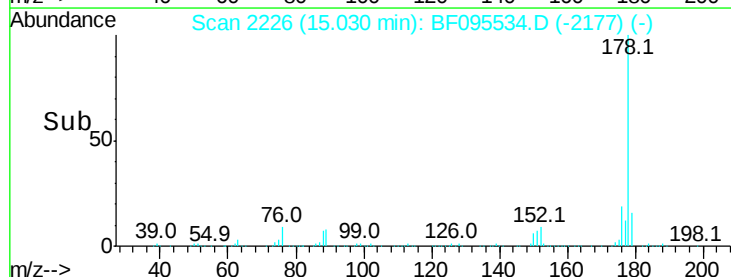
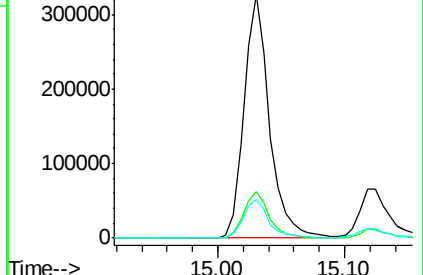
179 15.8 12.6 19.0

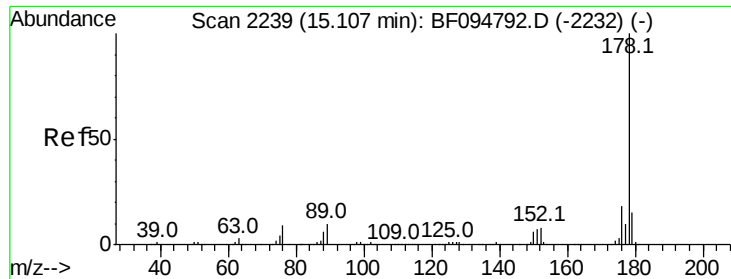


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

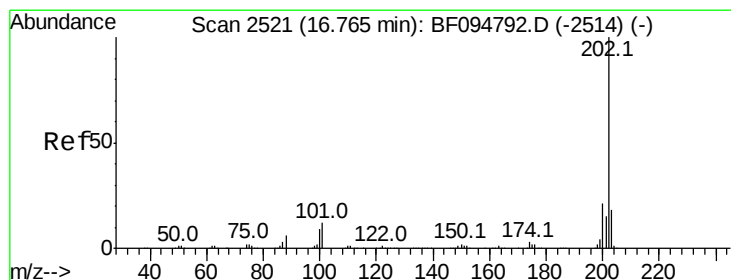
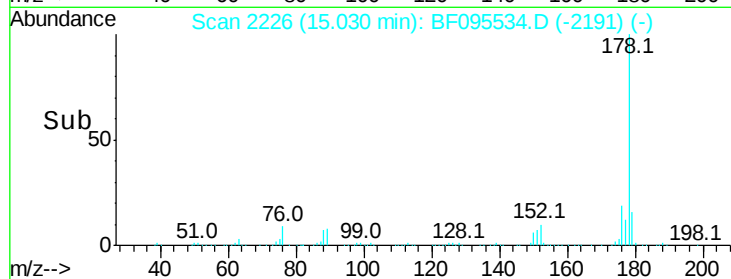
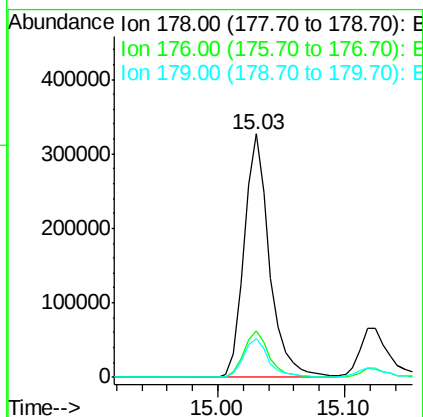
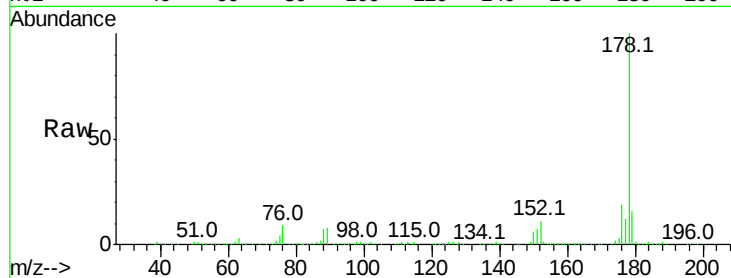




#71
 Anthracene
 Concen: 26.23 ng
 RT: 15.03 min Scan# 2226
 Delta R.T. -0.09 min
 Lab File: BF095534.D
 Acq: 30 May 2017 14:31

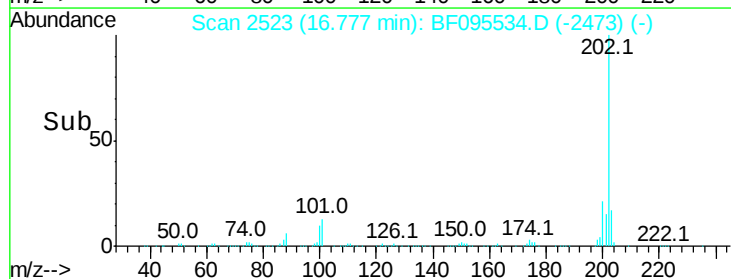
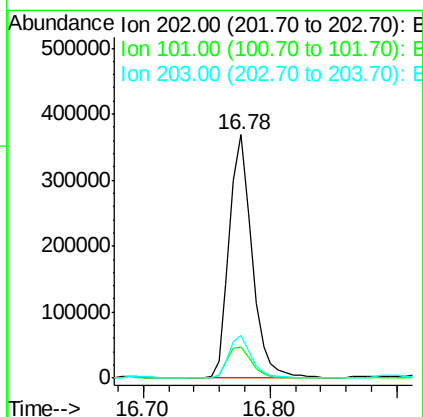
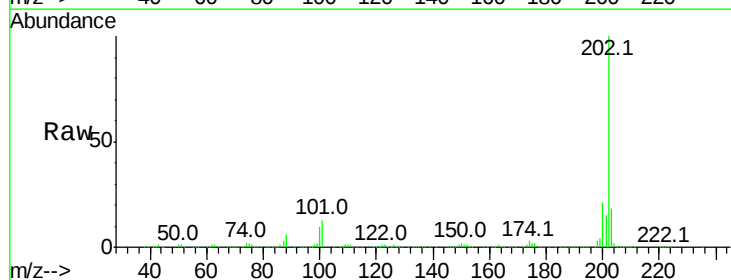
Instrument :
 BNA_F
 ClientSampleId :

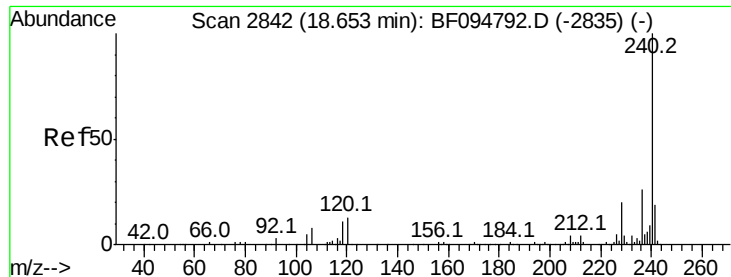
Tot Ion:178 Resp: 452020
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.8
 179 15.8 12.7 19.1



#74
 Fluoranthene
 Concen: 26.47 ng
 RT: 16.78 min Scan# 2523
 Delta R.T. -0.01 min
 Lab File: BF095534.D
 Acq: 30 May 2017 14:31

Tgt Ion:202 Resp: 458093
 Ion Ratio Lower Upper
 202 100
 101 12.7 0.0 33.2
 203 17.6 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.67 min Scan# 2845

Delta R.T. -0.01 min

Lab File: BF095534.D

Acq: 30 May 2017 14:31

Instrument :

BNA_F

ClientSampleId :

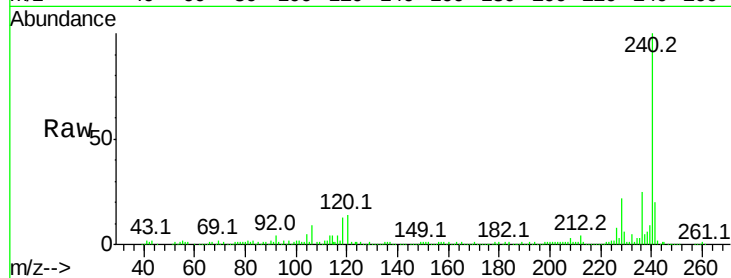
Tot Ion:240 Resp: 202256

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

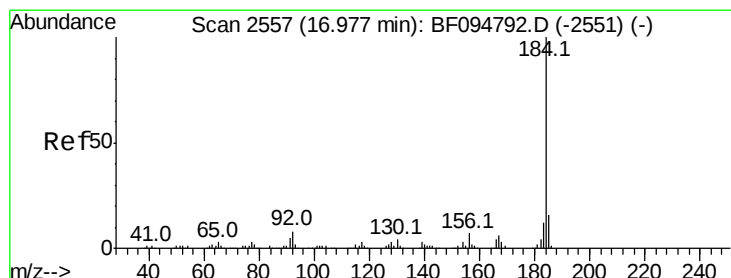
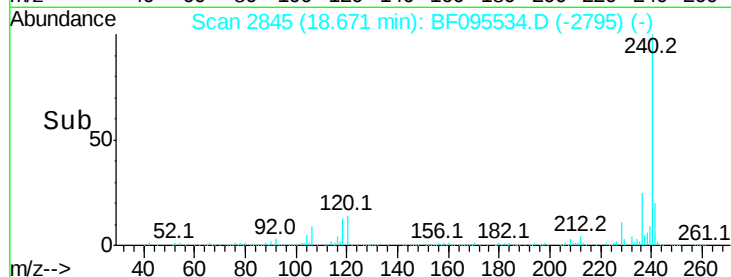
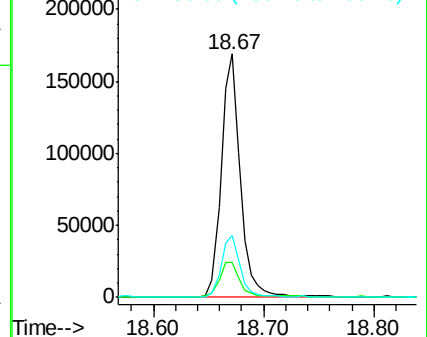
236 25.2 20.5 30.7



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: 6.61 ng

RT: 17.17 min Scan# 2589

Delta R.T. 0.16 min

Lab File: BF095534.D

Acq: 30 May 2017 14:31

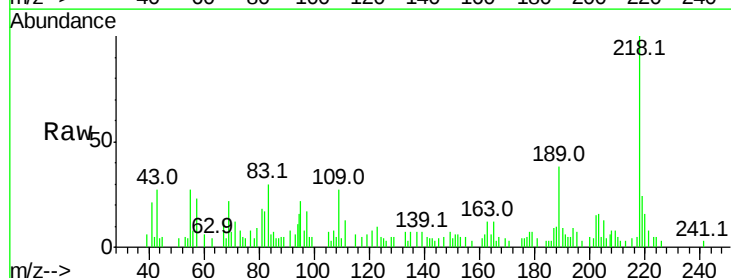
Tgt Ion:184 Resp: 120

Ion Ratio Lower Upper

184 100

185 98.8 15.5 23.3#

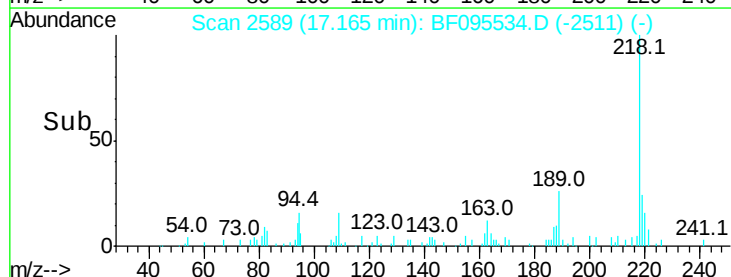
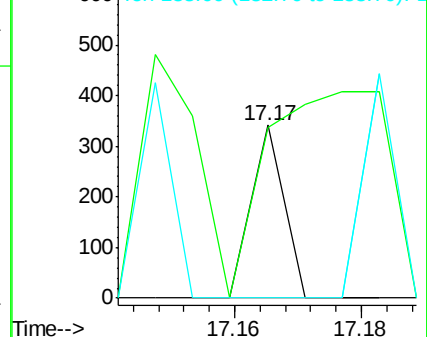
183 0.0 9.8 14.6#

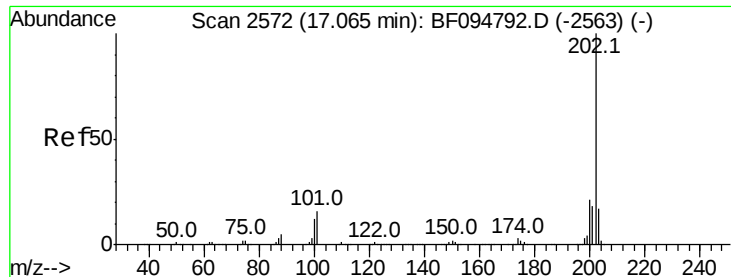


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 26.86 ng

RT: 17.08 min Scan# 2574

Delta R.T. -0.01 min

Lab File: BF095534.D

Acq: 30 May 2017 14:31

Instrument :

BNA_F

ClientSampleId :

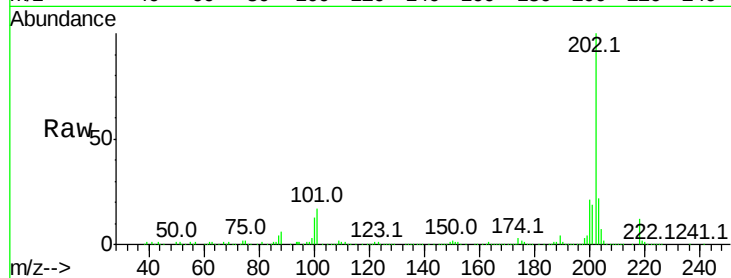
Tot Ion:202 Resp: 406305

Ion Ratio Lower Upper

202 100

200 21.3 17.6 26.4

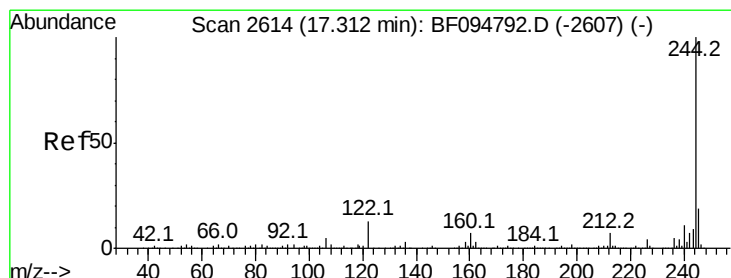
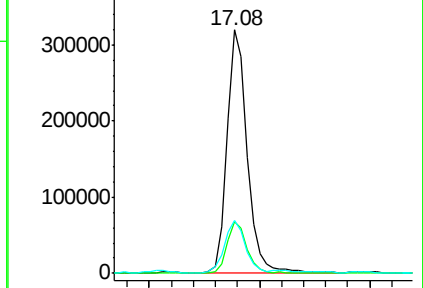
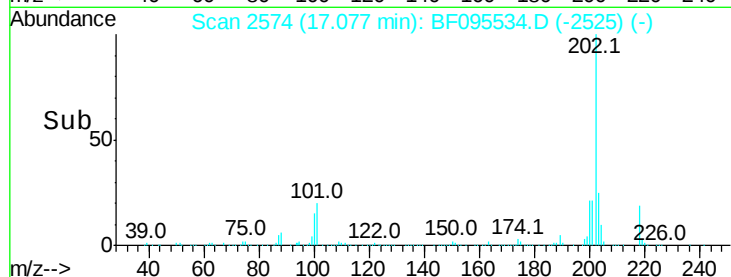
203 21.9 14.4 21.6#



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: 57.80 ng

RT: 17.31 min Scan# 2614

Delta R.T. -0.01 min

Lab File: BF095534.D

Acq: 30 May 2017 14:31

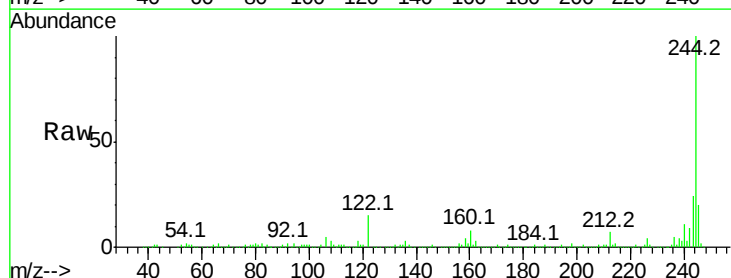
Tgt Ion:244 Resp: 530738

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

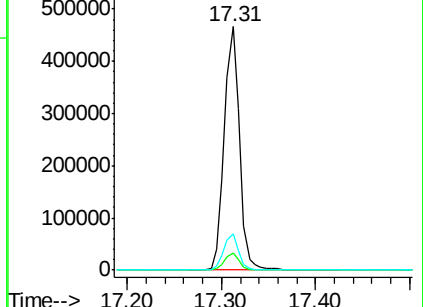
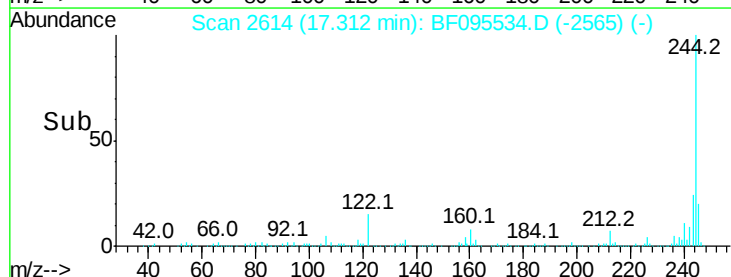
122 14.9 10.3 15.5

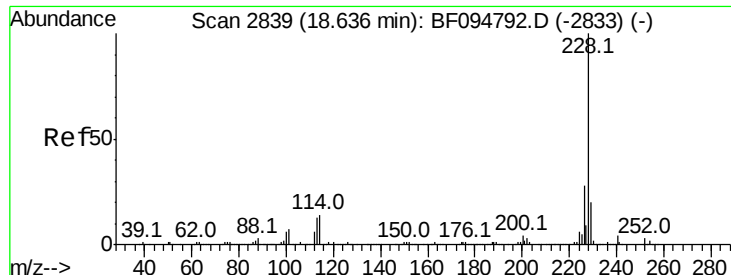


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 14.22 ng

RT: 18.66 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BF095534.D

Acq: 30 May 2017 14:31

Instrument :

BNA_F

ClientSampleId :

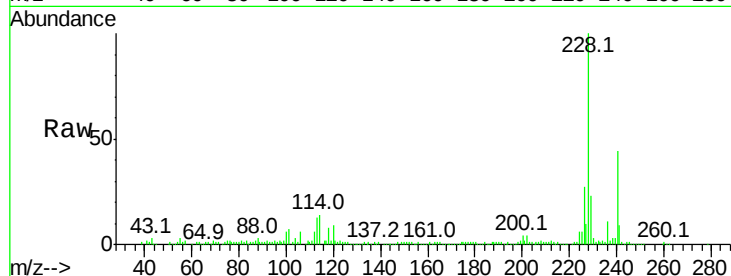
Tot Ion:228 Resp: 167353

Ion Ratio Lower Upper

228 100

226 27.2 22.6 33.8

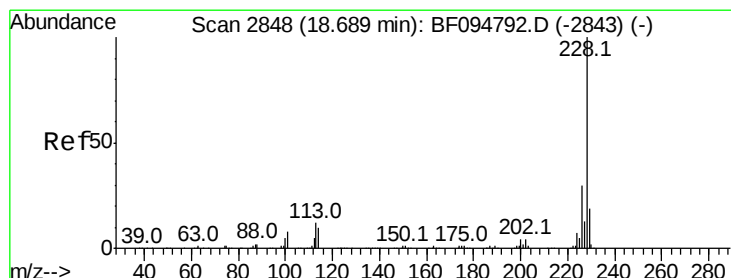
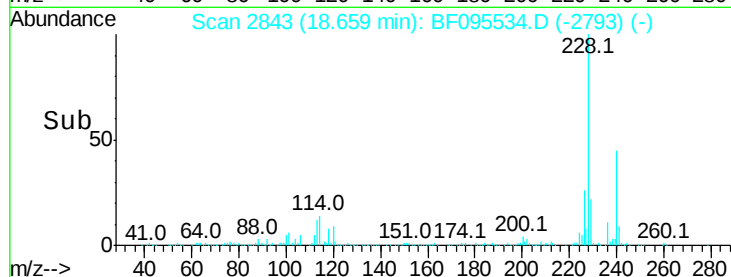
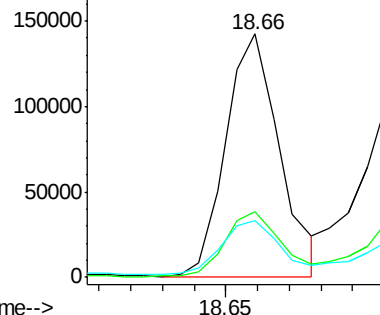
229 23.4 16.3 24.5



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: 14.59 ng

RT: 18.71 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BF095534.D

Acq: 30 May 2017 14:31

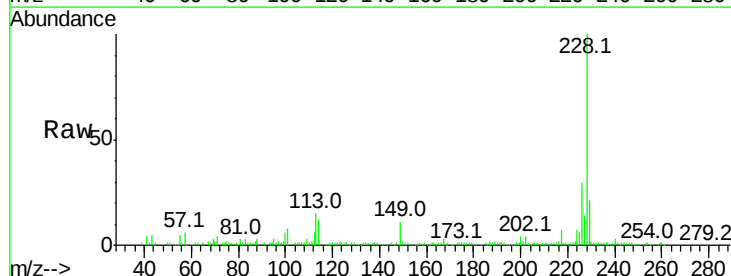
Tgt Ion:228 Resp: 166059

Ion Ratio Lower Upper

228 100

226 29.6 24.9 37.3

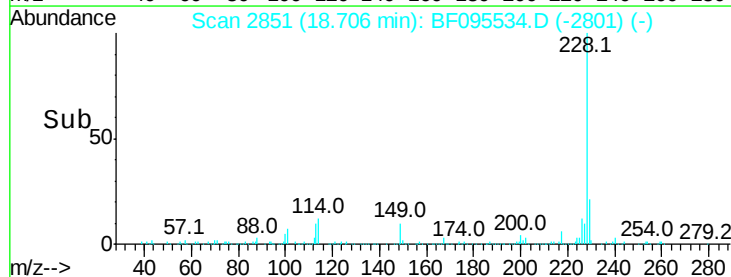
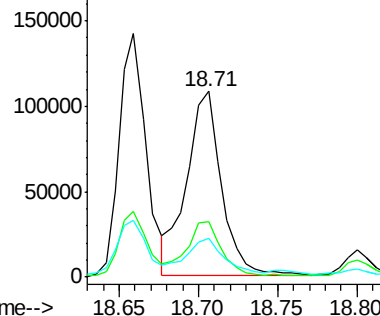
229 21.1 15.8 23.6

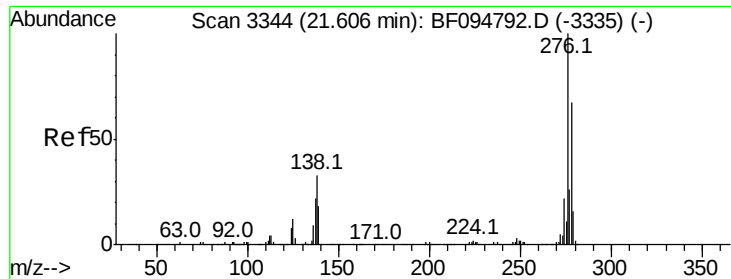


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Indeno(1,2,3-cd)pyrene

Concen: 9.65 ng

RT: 21.69 min Scan# 3358

Delta R.T. 0.01 min

Lab File: BF095534.D

Acq: 30 May 2017 14:31

Instrument :

BNA_F

ClientSampled :

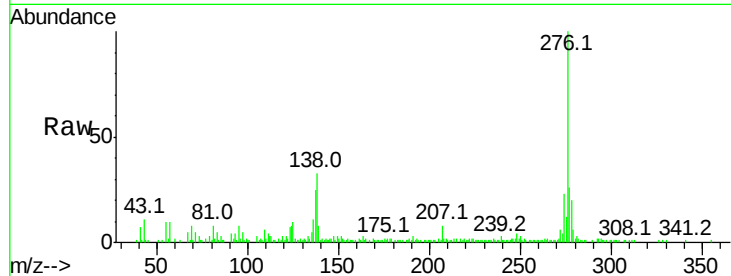
Tot Ion:276 Resp: 89235

Ion Ratio Lower Upper

276 100

138 27.8 27.8 41.6

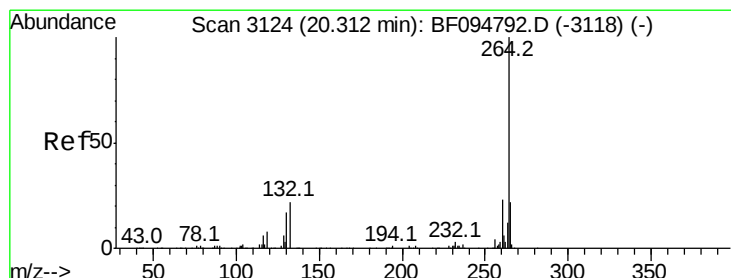
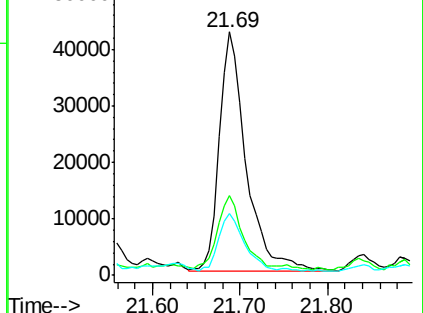
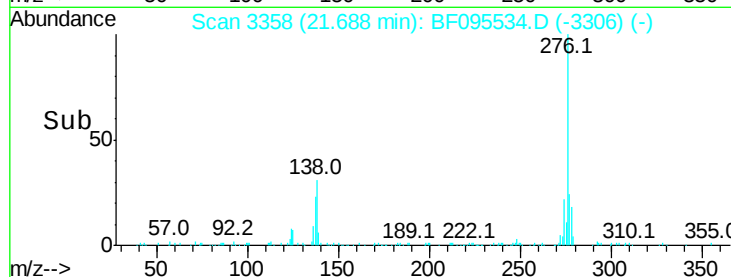
277 22.7 20.2 30.4



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

Perylene-d12

Concen: 20.00 ng

RT: 20.35 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BF095534.D

Acq: 30 May 2017 14:31

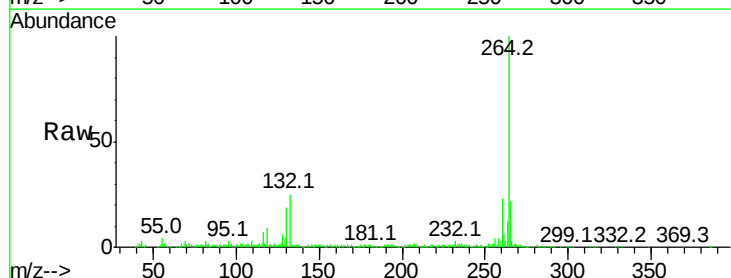
Tgt Ion:264 Resp: 214249

Ion Ratio Lower Upper

264 100

260 23.0 19.5 29.3

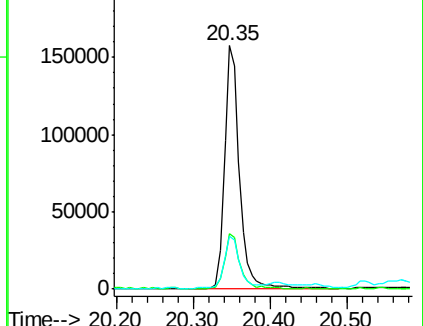
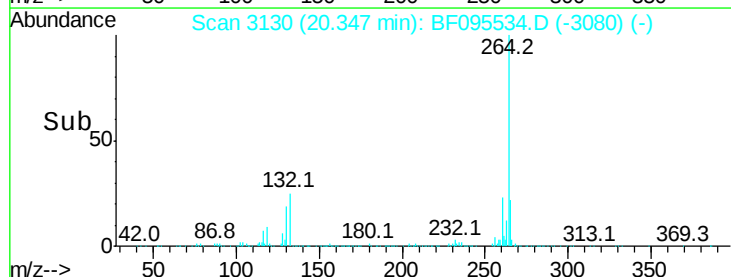
265 21.9 17.2 25.8

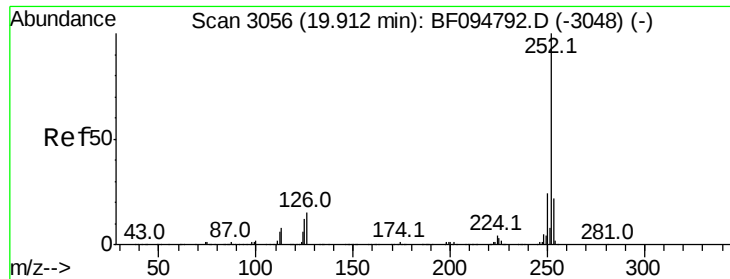


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

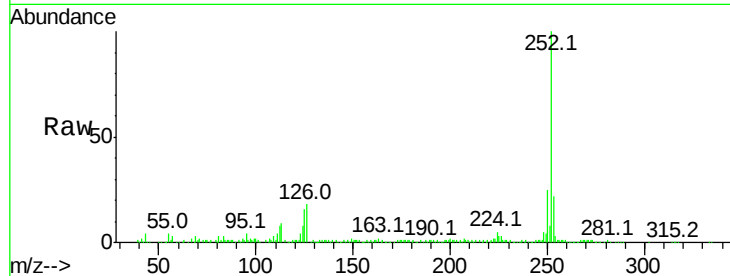




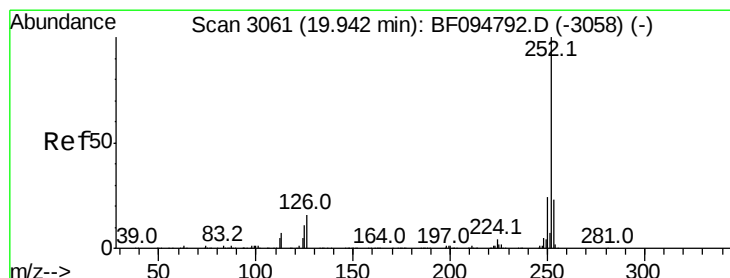
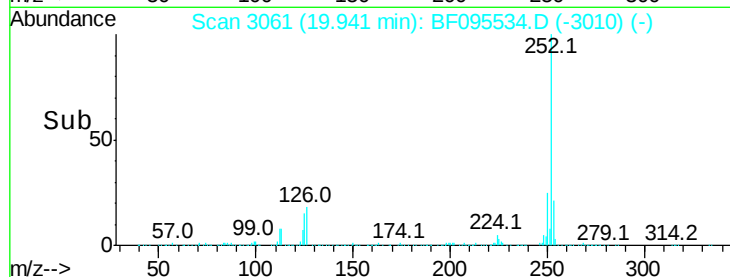
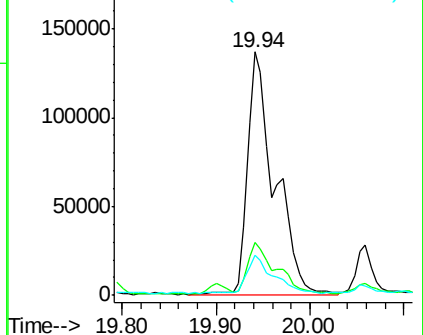
#87
Benzo(b)fluoranthene
Concen: 20.43 ng
RT: 19.94 min Scan# 3061
Delta R.T. -0.00 min
Lab File: BF095534.D
Acq: 30 May 2017 14:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 270440
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 16.2 9.8 14.8#

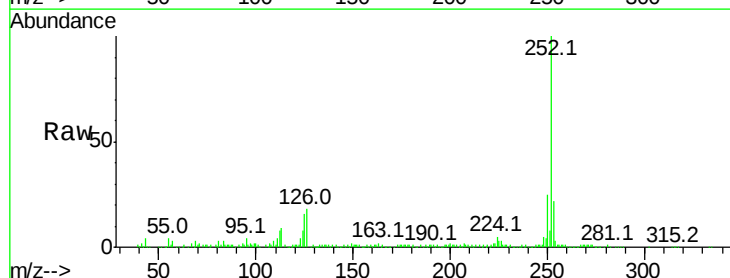


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

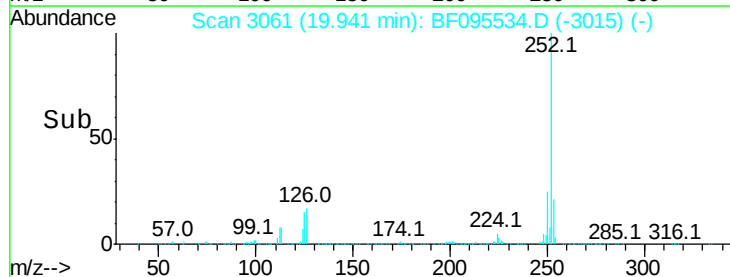
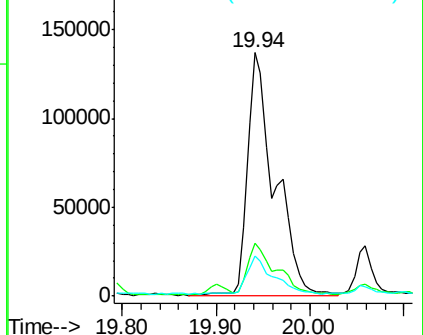


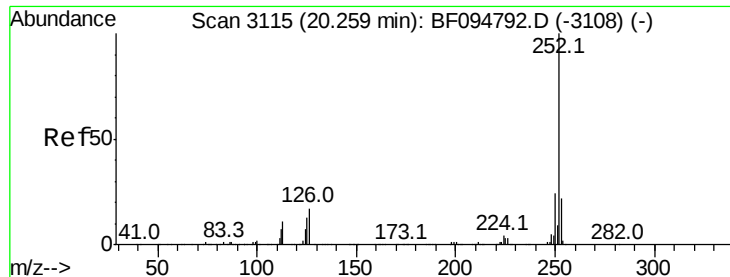
#88
Benzo(k)fluoranthene
Concen: 21.18 ng
RT: 19.94 min Scan# 3061
Delta R.T. -0.03 min
Lab File: BF095534.D
Acq: 30 May 2017 14:31

Tgt Ion:252 Resp: 270440
Ion Ratio Lower Upper
252 100
253 21.8 18.4 27.6
125 16.2 13.1 19.7



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

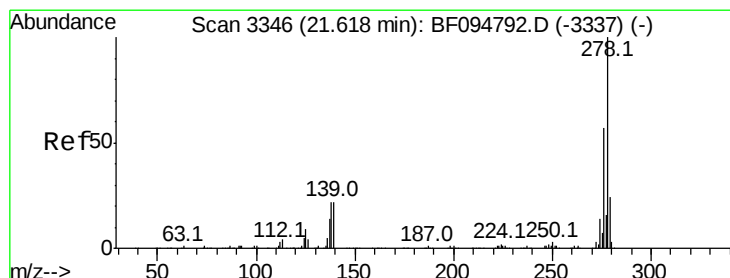
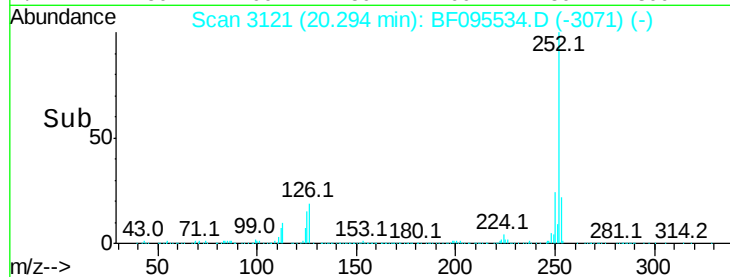
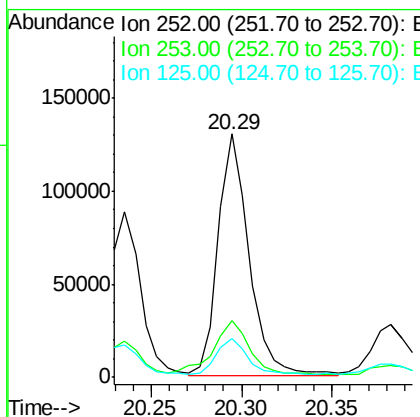
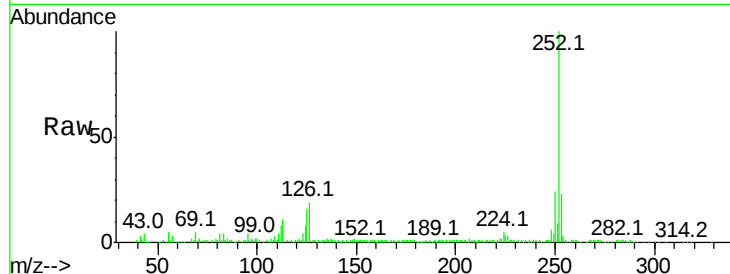




#89
Benzo(a)pyrene
Concen: 12.64 ng
RT: 20.29 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BF095534.D
Acq: 30 May 2017 14:31

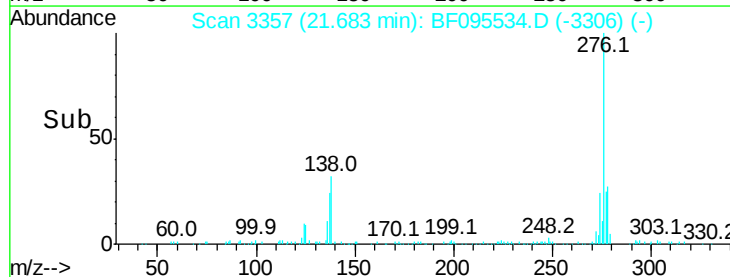
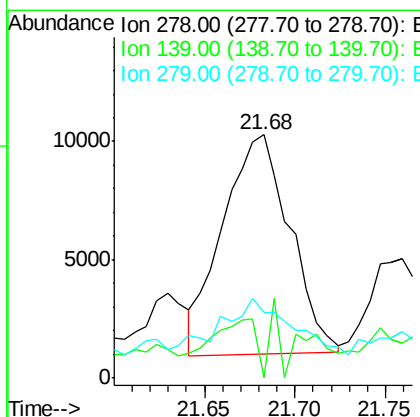
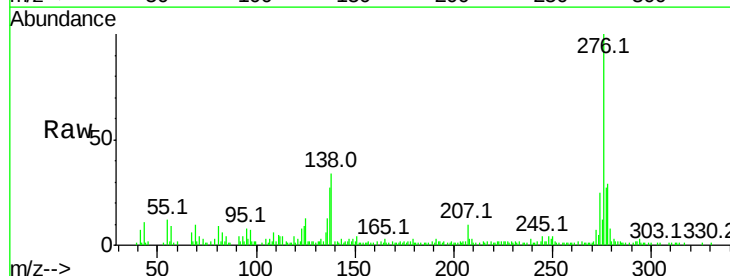
Instrument :
BNA_F
ClientSampleId :

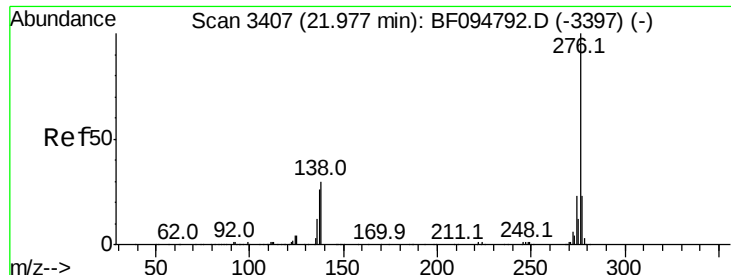
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	16.1	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 2.37 ng
RT: 21.68 min Scan# 3357
Delta R.T. -0.00 min
Lab File: BF095534.D
Acq: 30 May 2017 14:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.6	24.8#
279	27.2	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 8.20 ng

RT: 22.08 min Scan# 3424

Delta R.T. 0.01 min

Lab File: BF095534.D

Acq: 30 May 2017 14:31

Instrument :

BNA_F

ClientSampleId :

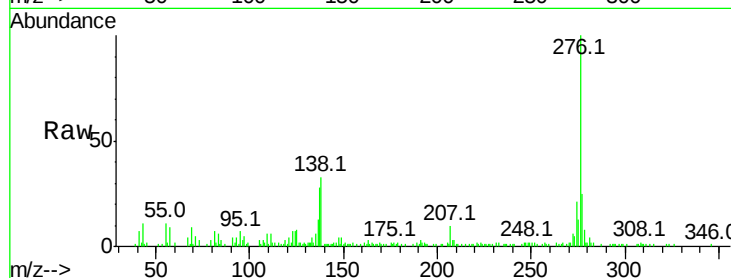
Tot Ion:276 Resp: 81141

Ion Ratio Lower Upper

276 100

277 24.7 18.6 28.0

138 33.2 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

