

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053017\
 Data File : BF095536.D
 Acq On : 30 May 2017 15:35
 Operator : SJ/MA
 Sample : I3281-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

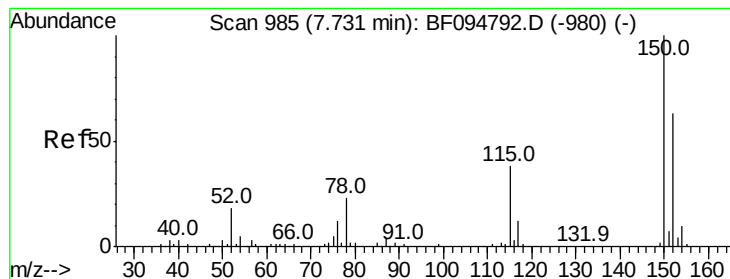
Quant Time: May 31 01:39:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	101476	20.00	ng	0.00
21) Naphthalene-d8	9.76	136	406703	20.00	ng	0.00
38) Acenaphthene-d10	12.58	164	185679	20.00	ng	-0.01
63) Phenanthrene-d10	14.99	188	282226	20.00	ng	0.00
75) Chrysene-d12	18.68	240	191461	20.00	ng	0.00
86) Perylene-d12	20.36	264	209770	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	632232	103.87	ng	0.00
7) Phenol-d6	7.28	99	777656	106.49	ng	-0.01
23) Nitrobenzene-d5	8.64	82	437899	67.90	ng	-0.01
41) 2,4,6-Tribromophenol	13.89	330	128553	84.54	ng	0.00
44) 2-Fluorobiphenyl	11.52	172	682833	52.93	ng	-0.01
78) Terphenyl-d14	17.32	244	394142	45.34	ng	0.00

Target Compounds						Qvalue
10) Phenol	7.31	94	20162	2.62	ng	# 45
19) n-Nitroso-di-n-propylamine	8.64	70	50385	10.20	ng	# 80
31) Naphthalene	9.80	128	94333	4.61	ng	99
32) Benzoic acid	9.68	122	1781	5.49	ng	# 20
35) Caprolactam	10.54	113	3681	2.20	ng	# 65
37) 2-Methylnaphthalene	10.92	142	87897	6.55	ng	98
45) 1,1'-Biphenyl	11.69	154	33380	2.14	ng	98
48) Acenaphthylene	12.36	152	107601	5.44	ng	# 94
49) Dimethylphthalate	12.22	163	147962	9.71	ng	99
51) Acenaphthene	12.64	154	154397	13.07	ng	97
54) Dibenzofuran	12.93	168	173839	10.64	ng	99
55) 4-Nitrophenol	13.01	139	5477	2.73	ng	# 55
57) Fluorene	13.48	166	382915	26.95	ng	100
65) n-Nitrosodiphenylamine	13.70	169	24138	2.36	ng	# 41
70) Phenanthrene	15.04	178	1550915	95.64	ng	98
71) Anthracene	15.12	178	903765	54.56	ng	99
74) Fluoranthene	16.79	202	1413213	84.96	ng	98
76) Benzidine	16.99	184	343	6.65	ng	# 1
77) Pyrene	17.09	202	1208499	84.40	ng	98
80) Benzo(a)anthracene	18.67	228	975237	87.52	ng	# 90
82) Chrysene	18.67	228	975237	90.51	ng	92
85) Indeno(1,2,3-cd)pyrene	21.69	276	242137	27.67	ng	91
87) Benzo(b)fluoranthene	19.95	252	1112121	85.80	ng	# 96
88) Benzo(k)fluoranthene	19.95	252	1112121	88.95	ng	99
89) Benzo(a)pyrene	20.31	252	686494	57.40	ng	97
90) Dibenzo(a,h)anthracene	21.68	278	75617	7.66	ng	# 79
91) Benzo(g,h,i)perylene	22.08	276	185744	19.16	ng	98

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

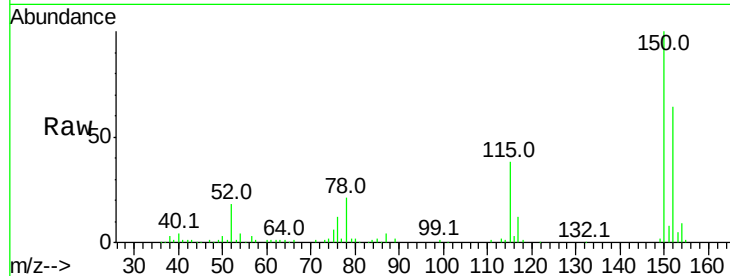


#1

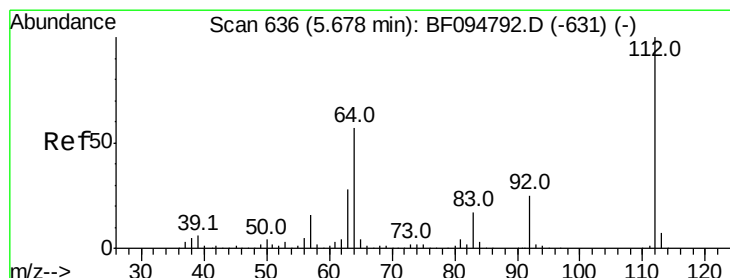
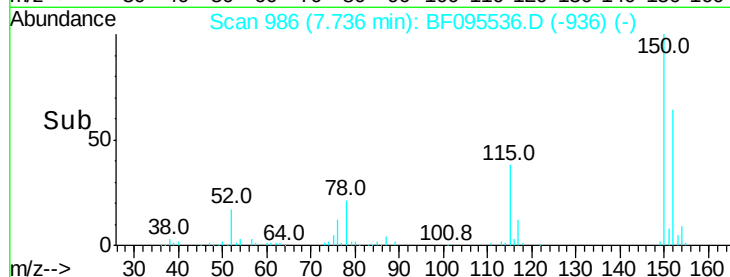
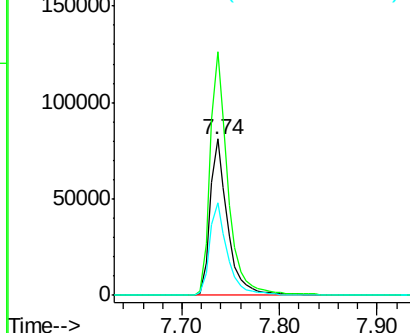
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF095536.D
Acq: 30 May 2017 15:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 101476
Ion Ratio Lower Upper
152 100
150 155.7 126.2 189.2
115 59.3 52.2 78.2



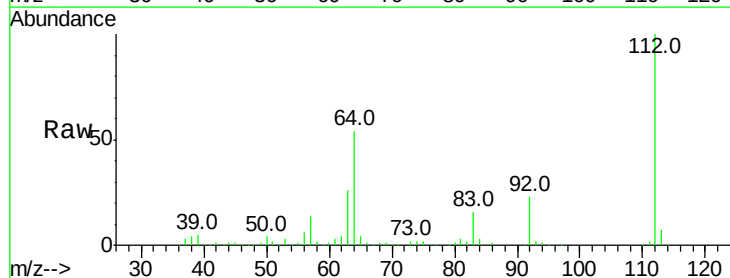
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



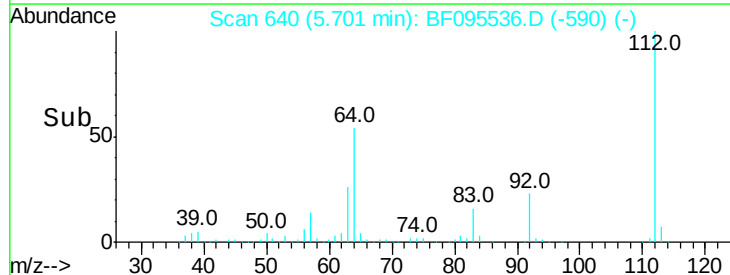
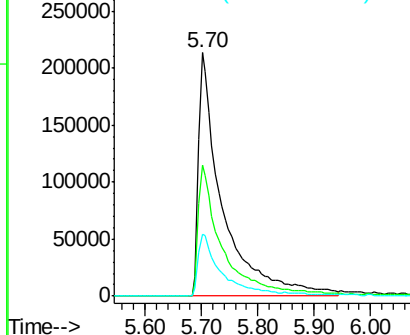
#5

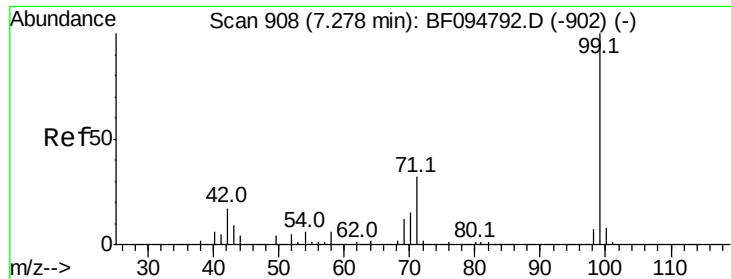
2-Fluorophenol
Concen: 103.87 ng
RT: 5.70 min Scan# 640
Delta R.T. -0.01 min
Lab File: BF095536.D
Acq: 30 May 2017 15:35

Tgt Ion:112 Resp: 632232
Ion Ratio Lower Upper
112 100
64 53.9 46.0 69.0
63 25.6 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: 106.49 ng

RT: 7.28 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF095536.D

Acq: 30 May 2017 15:35

Instrument :

BNA_F

ClientSampled :

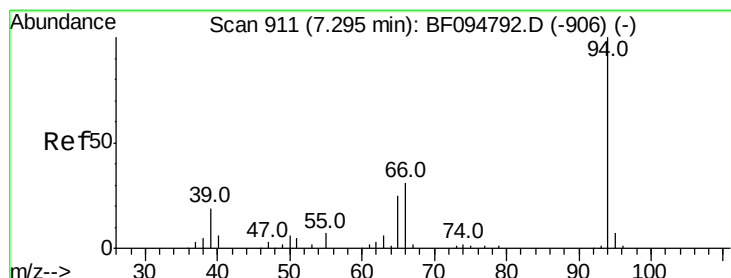
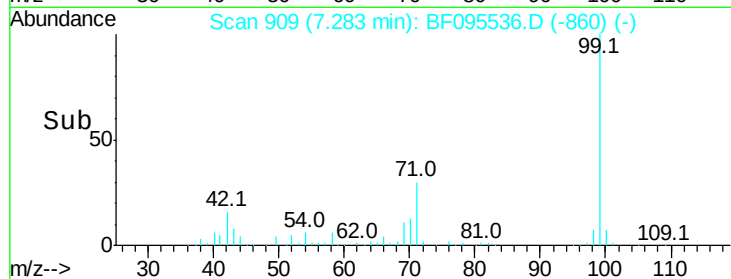
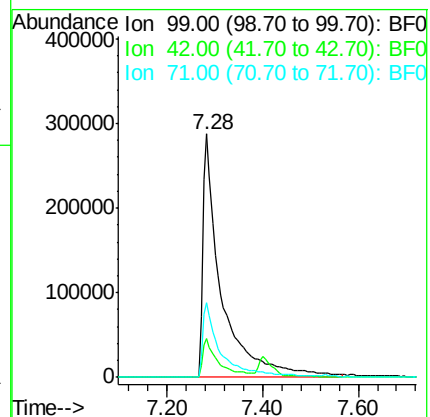
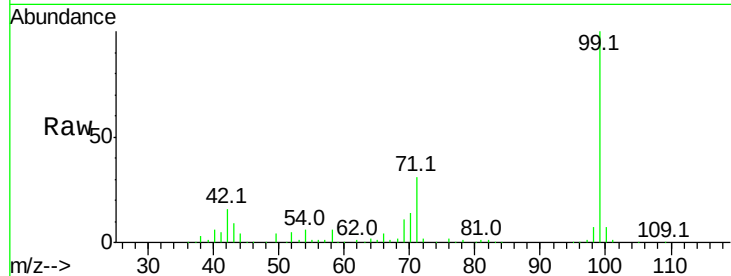
Tot Ion: 99 Resp: 777656

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

71 30.5 24.5 36.7



#10

Phenol

Concen: 2.62 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095536.D

Acq: 30 May 2017 15:35

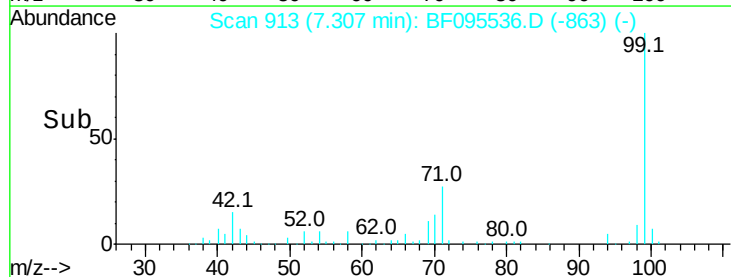
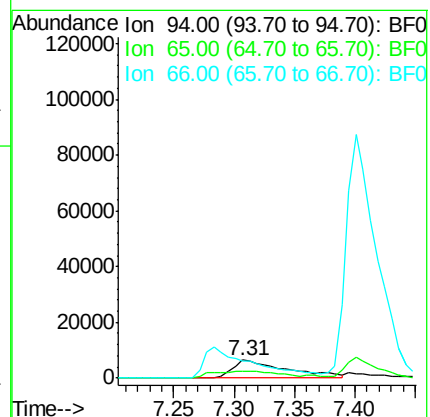
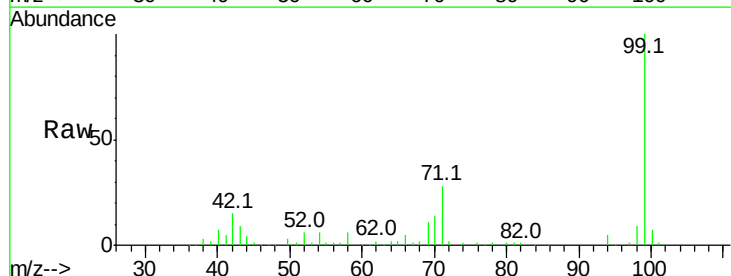
Tgt Ion: 94 Resp: 20162

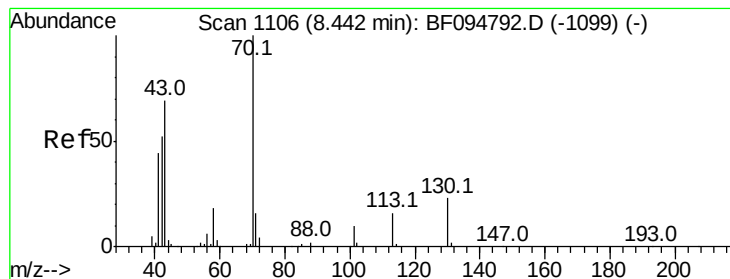
Ion Ratio Lower Upper

94 100

65 39.3 9.9 49.9

66 95.4 23.1 63.1#





#19

n-Nitroso-di-n-propylamine

Concen: 10.20 ng

RT: 8.64 min Scan# 1140

Delta R.T. 0.18 min

Lab File: BF095536.D

Acq: 30 May 2017 15:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 50385

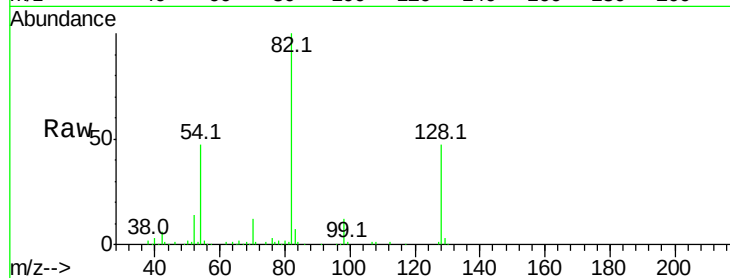
Ion Ratio Lower Upper

70 100

42 48.8 47.2 70.8

101 0.0 7.2 10.8#

130 2.6 15.9 23.9#

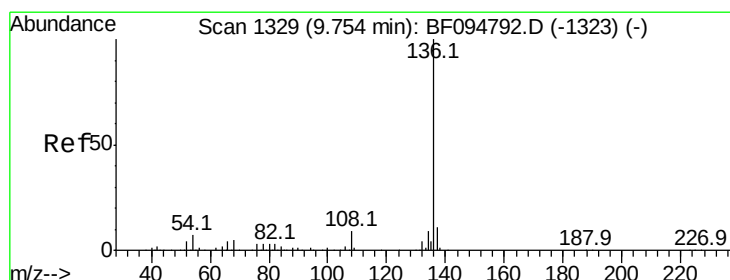
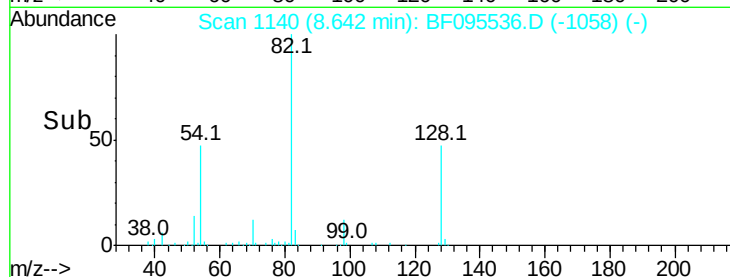
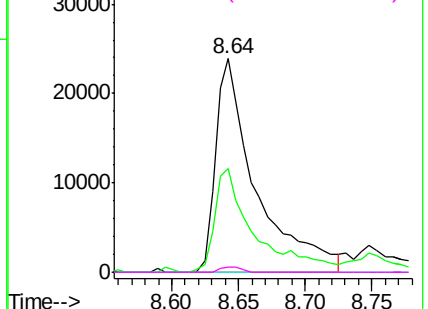


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.76 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BF095536.D

Acq: 30 May 2017 15:35

Tgt Ion: 136 Resp: 406703

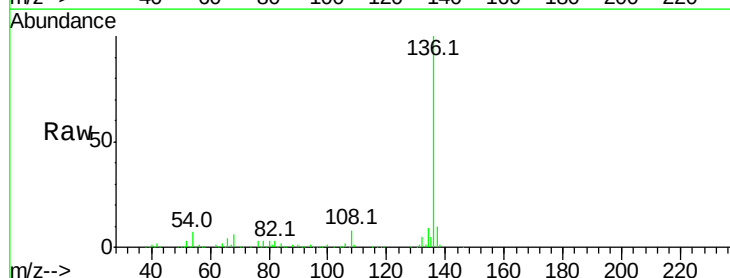
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.7 4.9 7.3

68 5.7 4.1 6.1

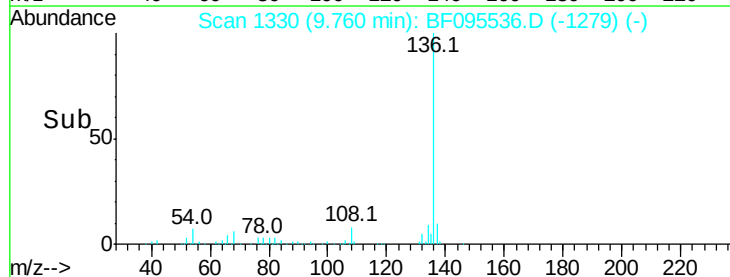
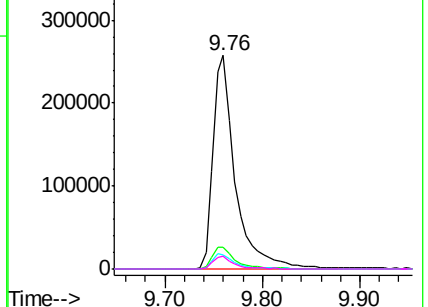


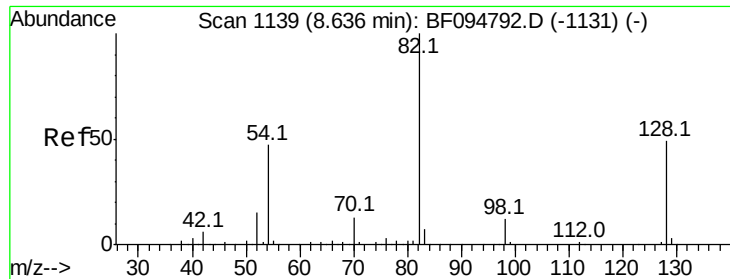
Abundance Ion 136.00 (135.70 to 136.70): E

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

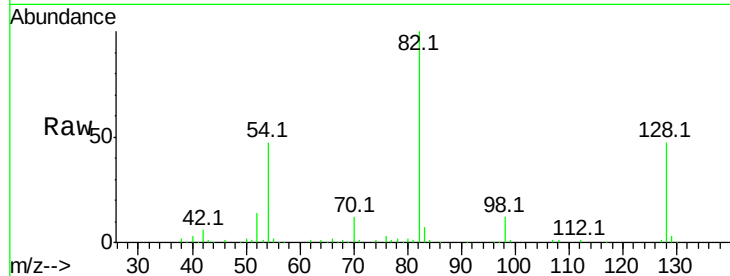




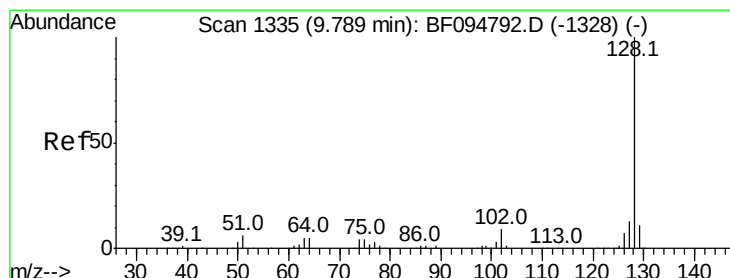
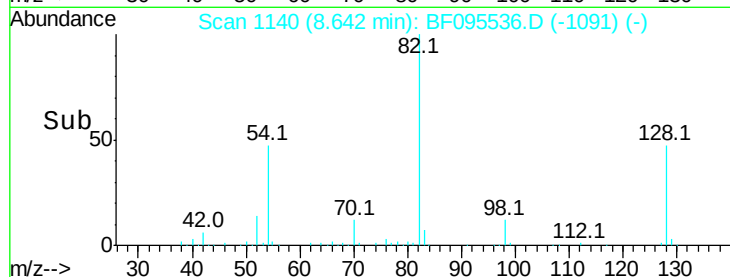
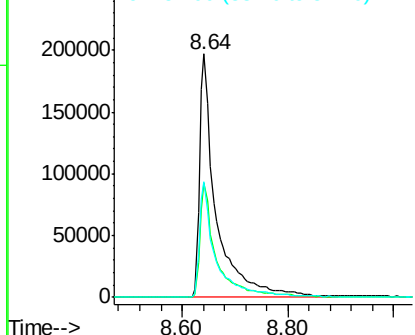
#23
Nitrobenzene-d5
Concen: 67.90 ng
RT: 8.64 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF095536.D
Acq: 30 May 2017 15:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 437899
Ion Ratio Lower Upper
82 100
128 47.0 34.0 51.0
54 47.4 42.2 63.2

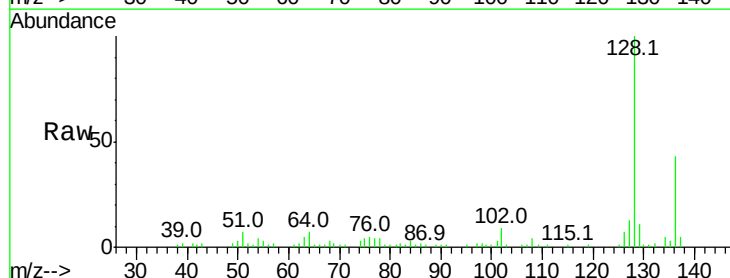


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

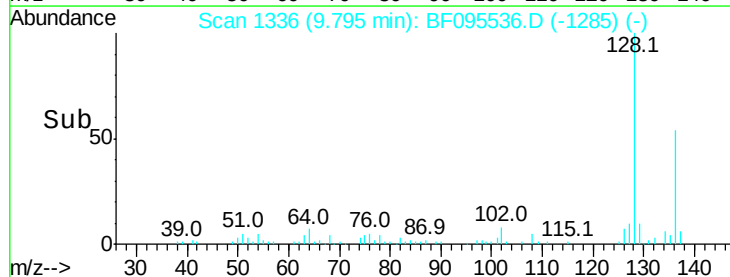
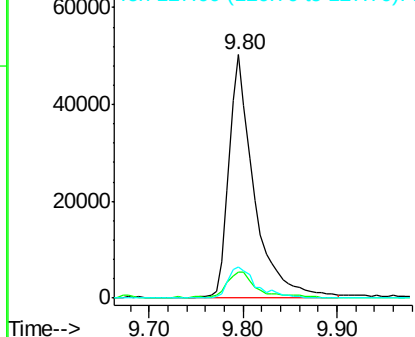


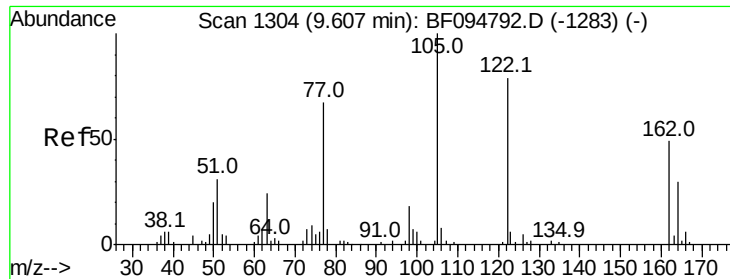
#31
Naphthalene
Concen: 4.61 ng
RT: 9.80 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF095536.D
Acq: 30 May 2017 15:35

Tgt Ion: 128 Resp: 94333
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 12.8 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

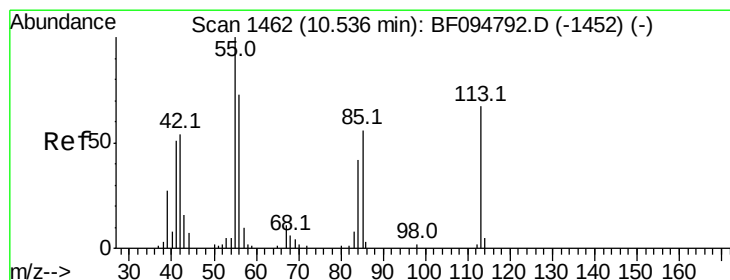
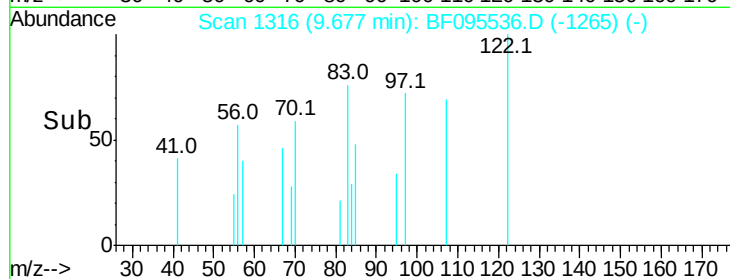
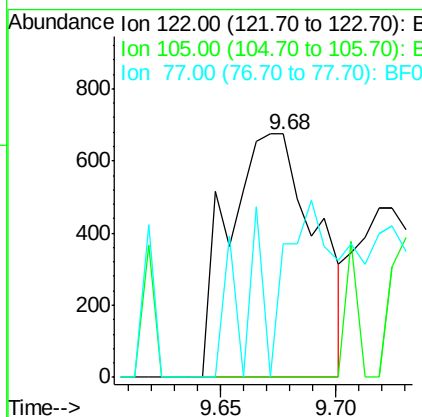
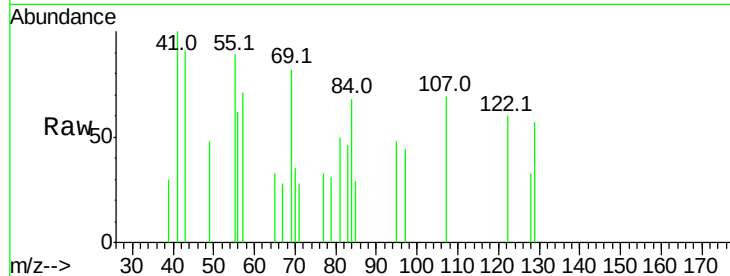




#32
Benzoic acid
Concen: 5.49 ng
RT: 9.68 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF095536.D
Acq: 30 May 2017 15:35

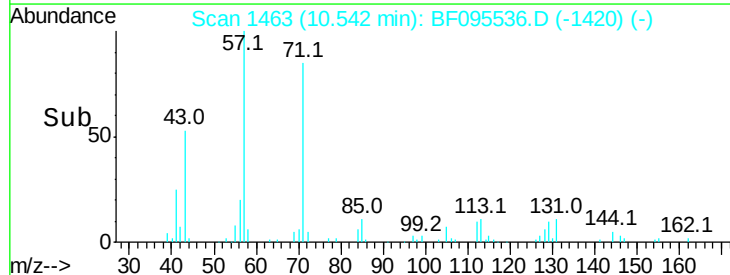
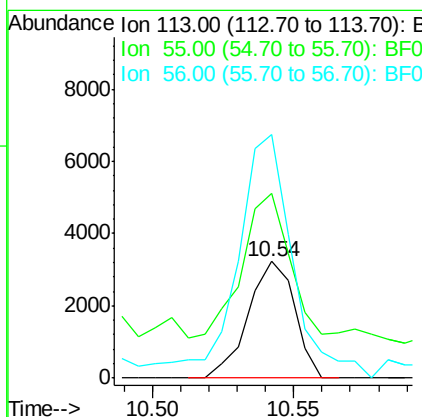
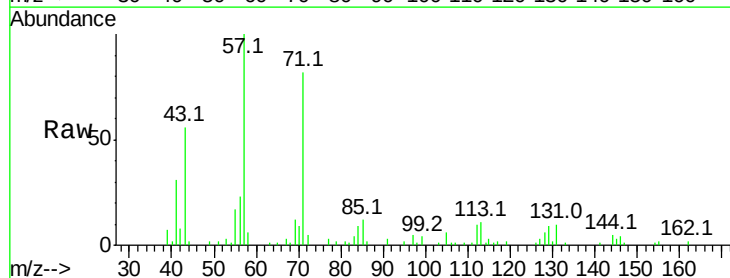
Instrument :
BNA_F
ClientSampleId :

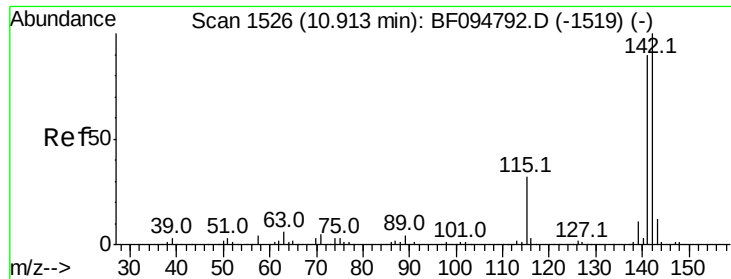
Tot Ion:122 Resp: 1781
Ion Ratio Lower Upper
122 100
105 0.0 103.3 143.3#
77 54.7 73.7 113.7#



#35
Caprolactam
Concen: 2.20 ng
RT: 10.54 min Scan# 1463
Delta R.T. -0.05 min
Lab File: BF095536.D
Acq: 30 May 2017 15:35

Tgt Ion:113 Resp: 3681
Ion Ratio Lower Upper
113 100
55 158.7 150.2 190.2
56 209.3 107.8 147.8#

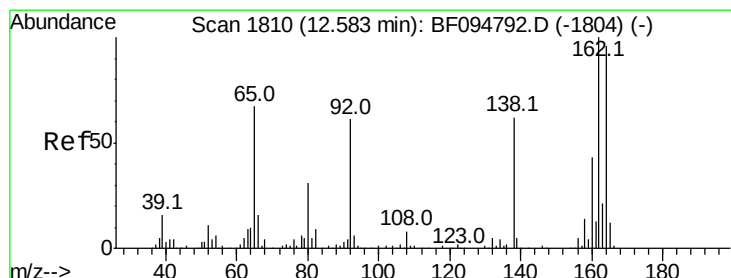
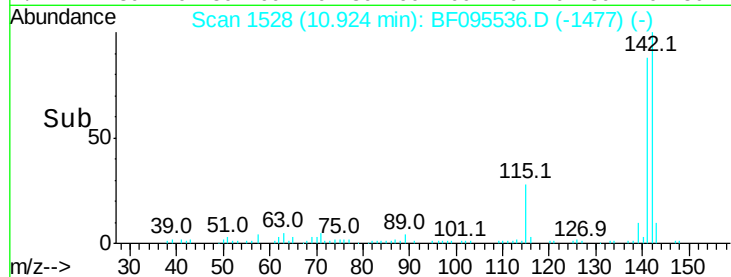
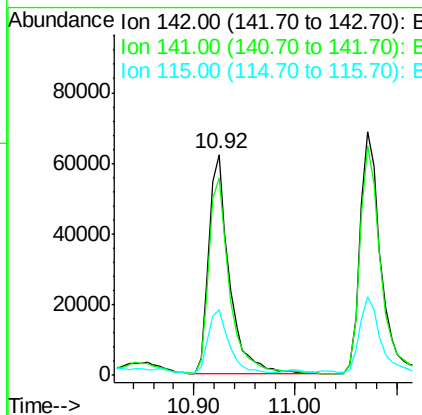
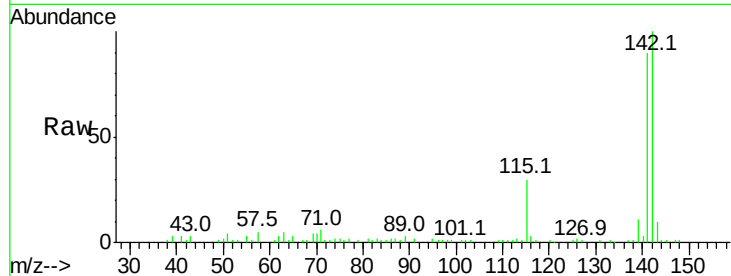




#37
2-Methylnaphthalene
Concen: 6.55 ng
RT: 10.92 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BF095536.D
Acq: 30 May 2017 15:35

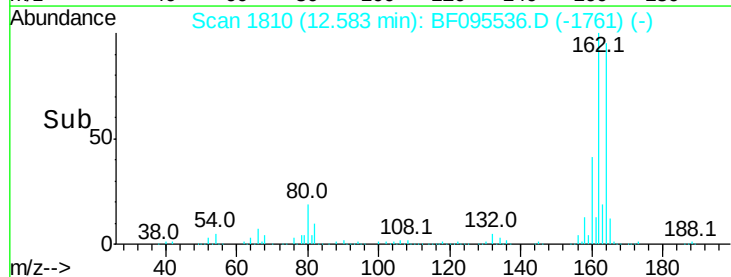
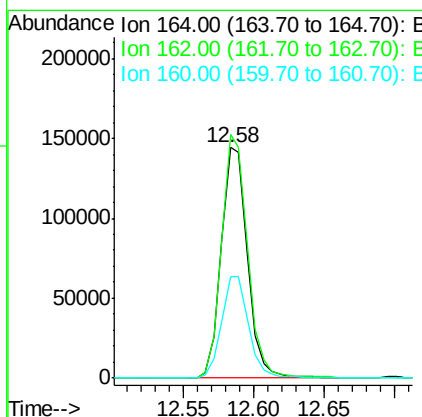
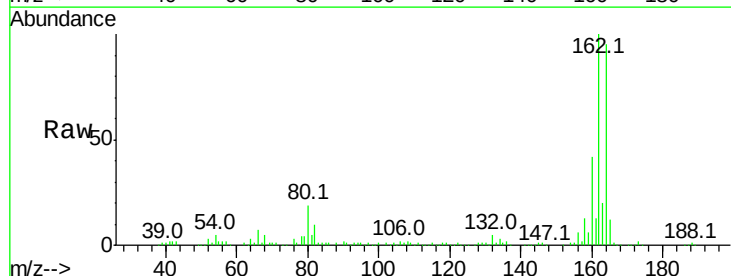
Instrument :
BNA_F
ClientSampled :

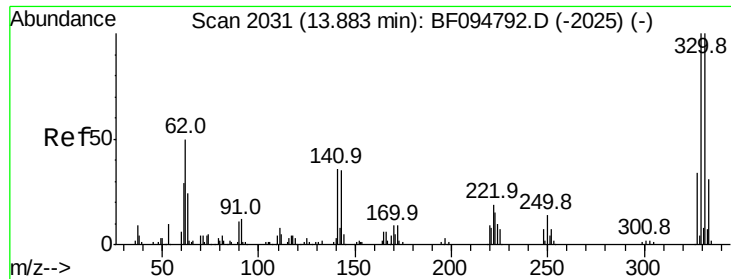
Tot Ion:142 Resp: 87897
Ion Ratio Lower Upper
142 100
141 89.6 71.3 106.9
115 29.6 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.58 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF095536.D
Acq: 30 May 2017 15:35

Tgt Ion:164 Resp: 185679
Ion Ratio Lower Upper
164 100
162 105.7 82.6 123.8
160 44.0 36.2 54.2

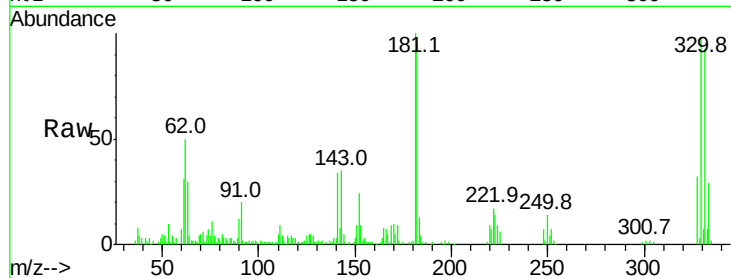




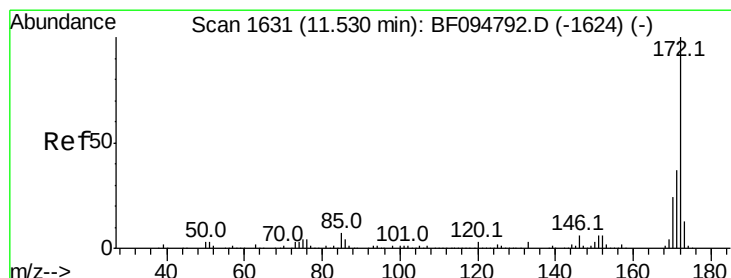
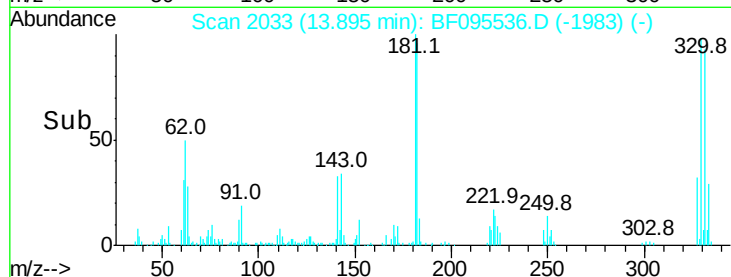
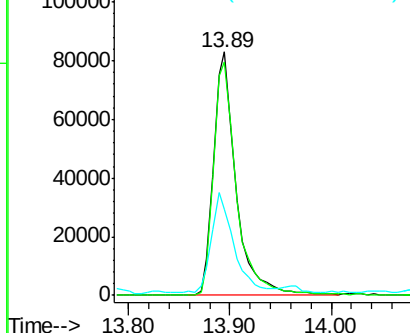
#41
 2,4,6-Tribromophenol
 Concen: 84.54 ng
 RT: 13.89 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF095536.D
 Acq: 30 May 2017 15:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 128553
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 115.0
 141 41.0 31.4 47.2

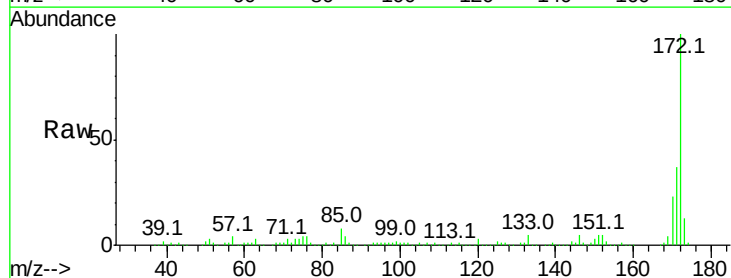


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

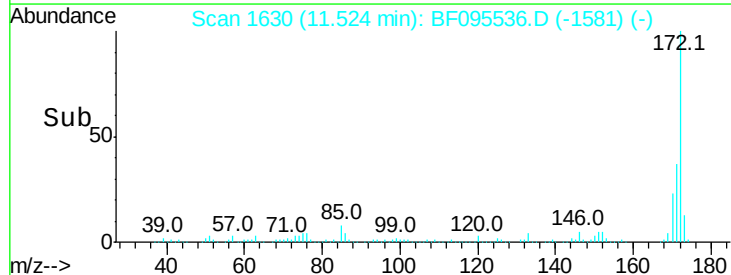
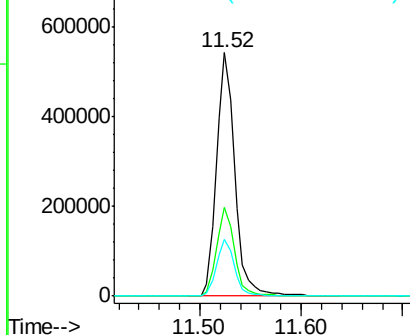


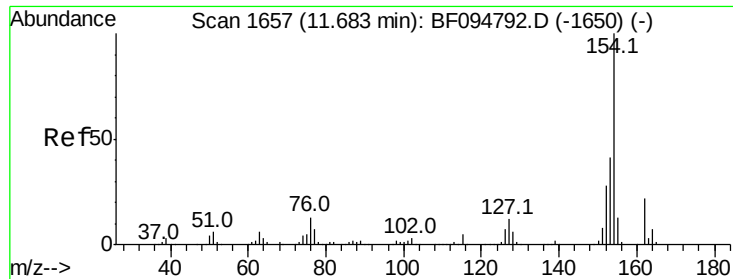
#44
 2-Fluorobiphenyl
 Concen: 52.93 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BF095536.D
 Acq: 30 May 2017 15:35

Tgt Ion:172 Resp: 682833
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 23.1 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





#45

1,1'-Biphenyl

Concen: 2.14 ng

RT: 11.69 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BF095536.D

Acq: 30 May 2017 15:35

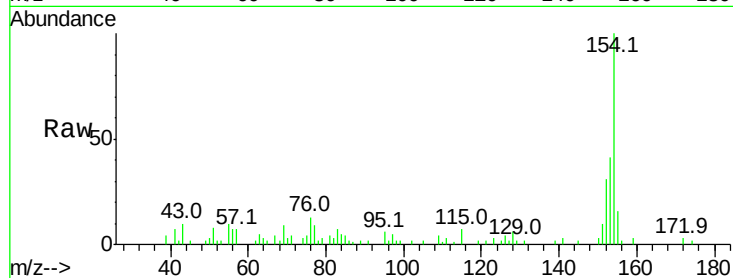
Instrument :

BNA_F

ClientSampleId :

Tot Ion:154 Resp: 33380

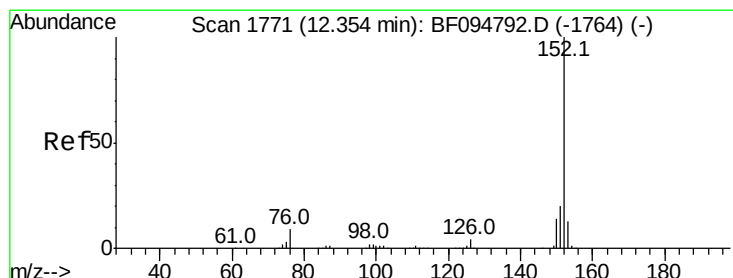
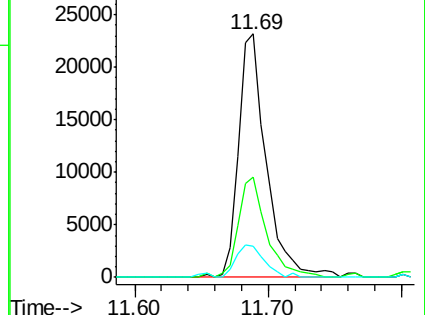
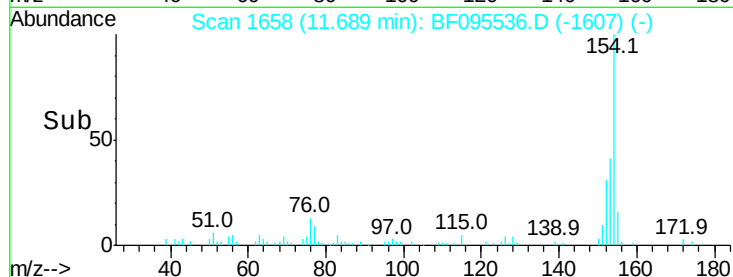
Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.2	61.2
76	12.6	0.0	29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#48

Acenaphthylene

Concen: 5.44 ng

RT: 12.36 min Scan# 1772

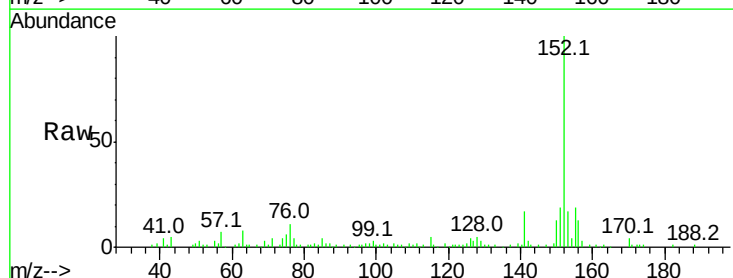
Delta R.T. -0.01 min

Lab File: BF095536.D

Acq: 30 May 2017 15:35

Tgt Ion:152 Resp: 107601

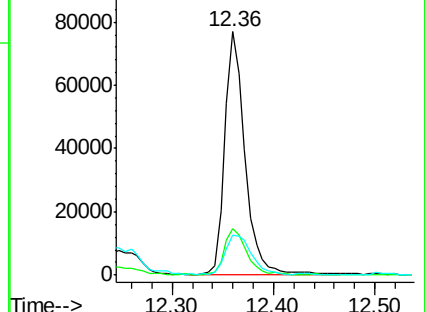
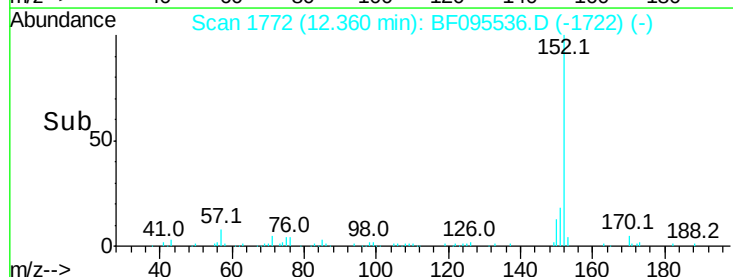
Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.8	25.2
153	16.7	10.8	16.2#

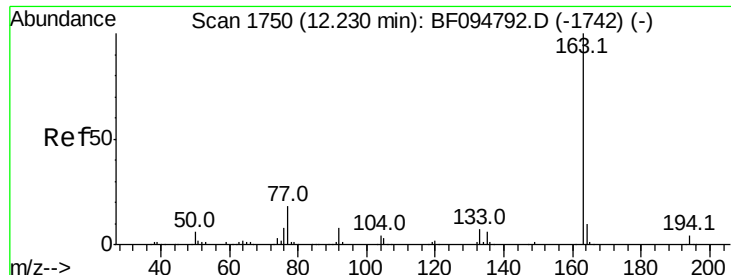


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 9.71 ng

RT: 12.22 min Scan# 1749

Delta R.T. -0.02 min

Lab File: BF095536.D

Acq: 30 May 2017 15:35

Instrument :

BNA_F

ClientSampleId :

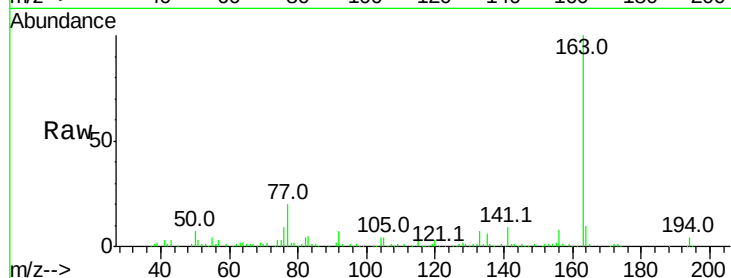
Tot Ion:163 Resp: 147962

Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

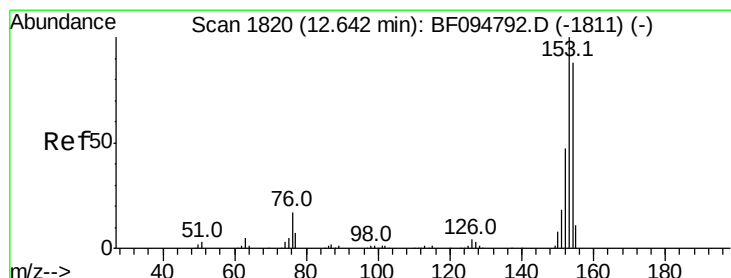
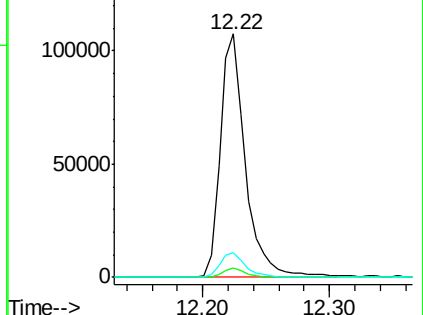
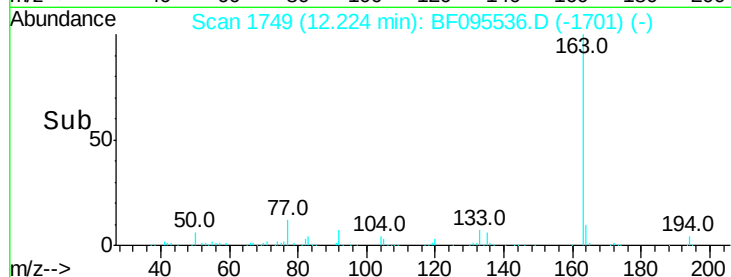
164 10.4 8.4 12.6



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: 13.07 ng

RT: 12.64 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF095536.D

Acq: 30 May 2017 15:35

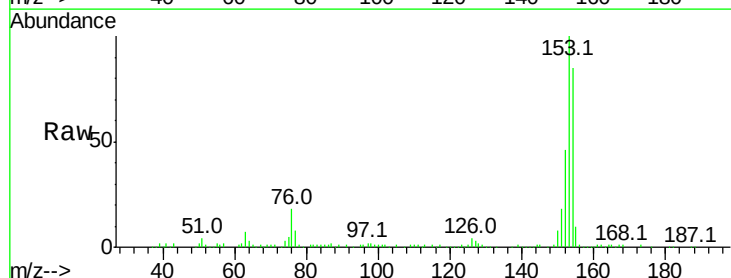
Tgt Ion:154 Resp: 154397

Ion Ratio Lower Upper

154 100

153 117.0 90.5 135.7

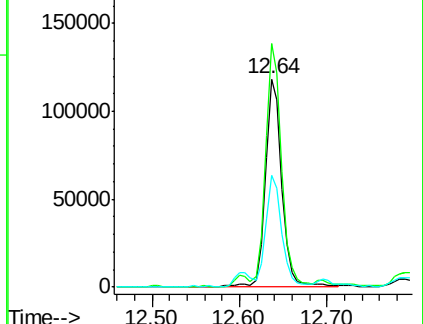
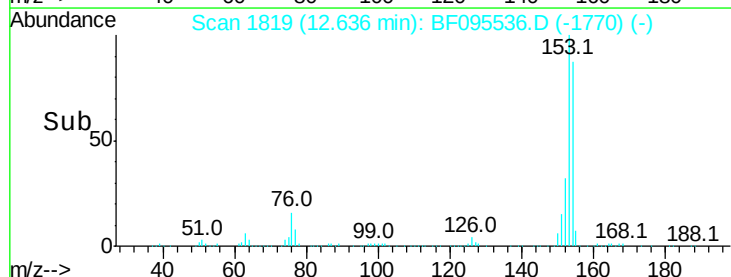
152 54.0 43.6 65.4

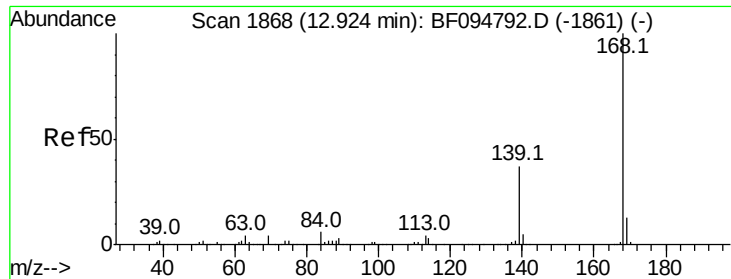


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

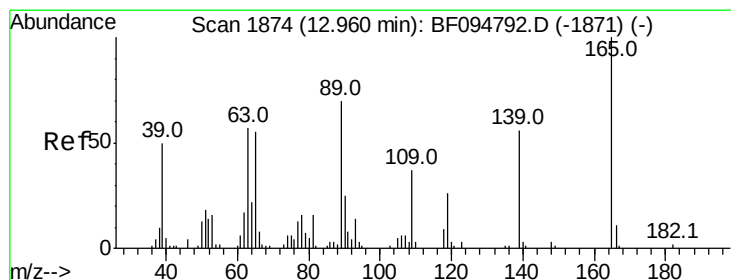
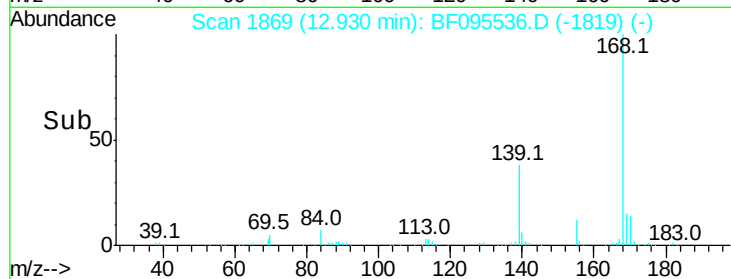
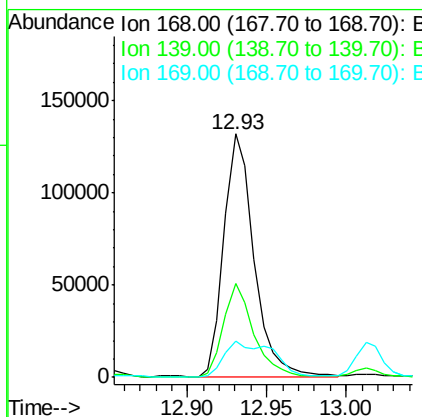
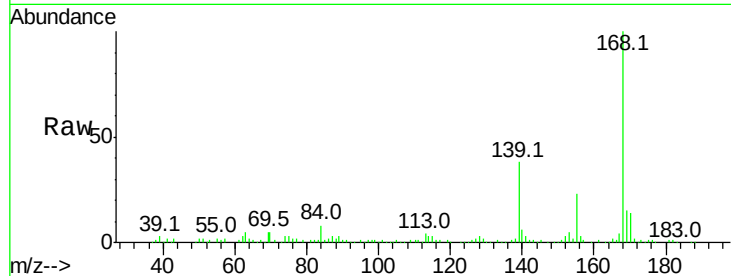




#54
Dibenzenofuran
Concen: 10.64 ng
RT: 12.93 min Scan# 1869
Delta R.T. -0.01 min
Lab File: BF095536.D
Acq: 30 May 2017 15:35

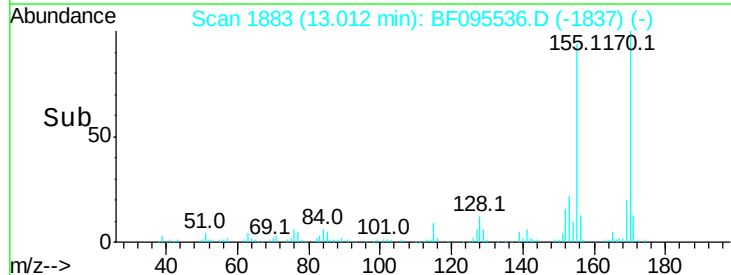
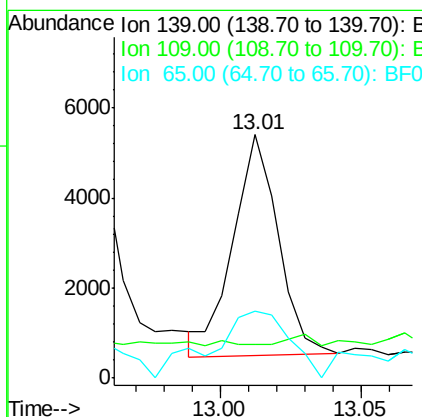
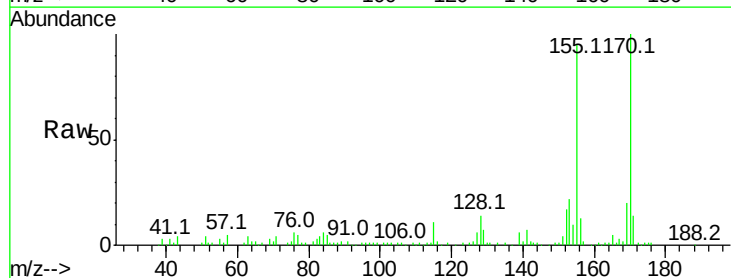
Instrument :
BNA_F
ClientSampleId :

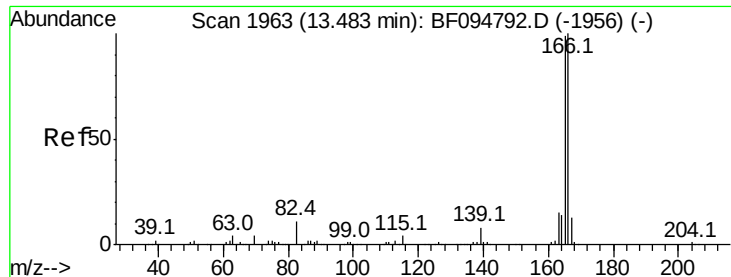
Tot Ion:168 Resp: 173839
Ion Ratio Lower Upper
168 100
139 38.4 30.6 45.8
169 14.7 10.8 16.2



#55
4-Nitrophenol
Concen: 2.73 ng
RT: 13.01 min Scan# 1883
Delta R.T. -0.03 min
Lab File: BF095536.D
Acq: 30 May 2017 15:35

Tgt Ion:139 Resp: 5477
Ion Ratio Lower Upper
139 100
109 13.8 34.1 74.1#
65 27.6 31.4 71.4#

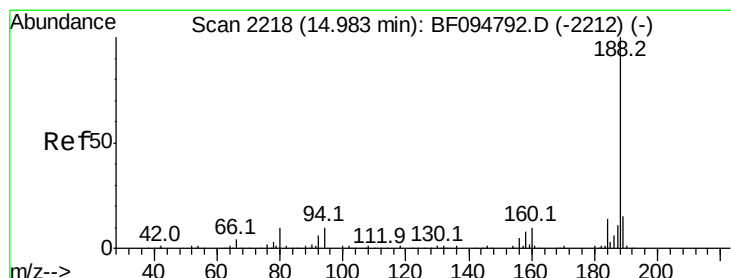
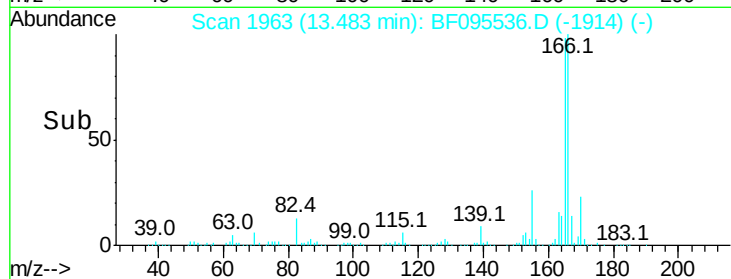
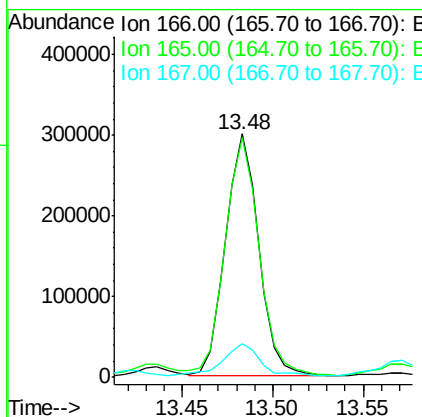
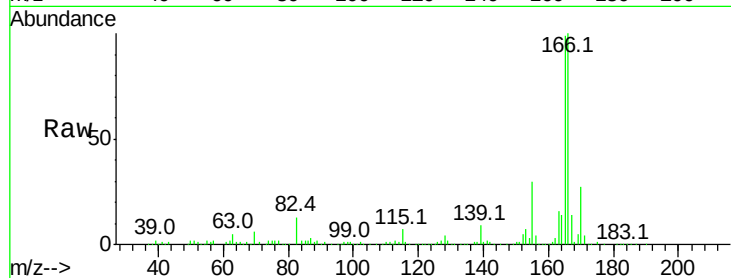




#57
 Fluorene
 Concen: 26.95 ng
 RT: 13.48 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: BF095536.D
 Acq: 30 May 2017 15:35

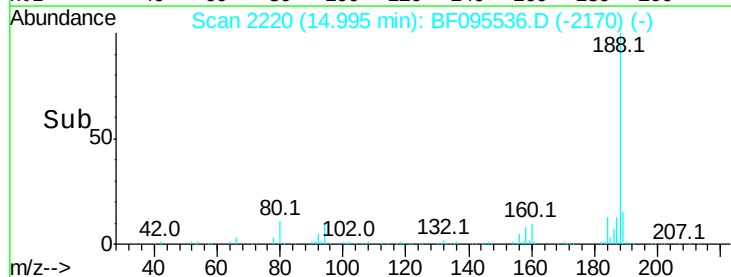
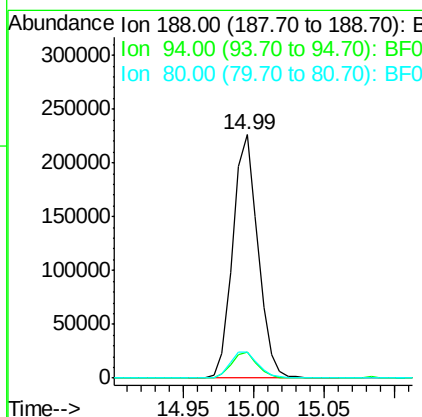
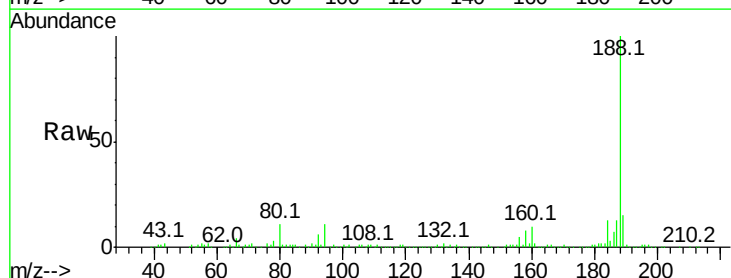
Instrument :
 BNA_F
 ClientSampleId :

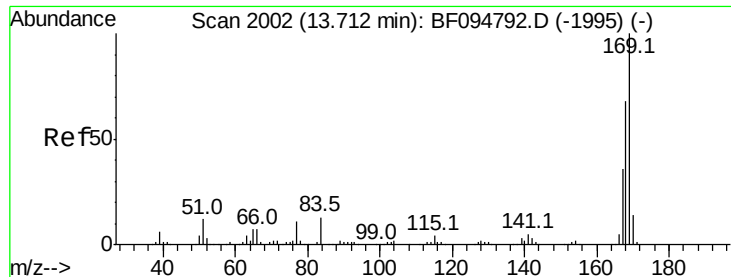
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.8	118.2
167	14.0	10.6	16.0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.99 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BF095536.D
 Acq: 30 May 2017 15:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.4	14.2
80	10.8	10.2	15.2





#65

n-Nitrosodiphenylamine

Concen: 2.36 ng

RT: 13.70 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BF095536.D

Acq: 30 May 2017 15:35

Instrument :

BNA_F

ClientSampleId :

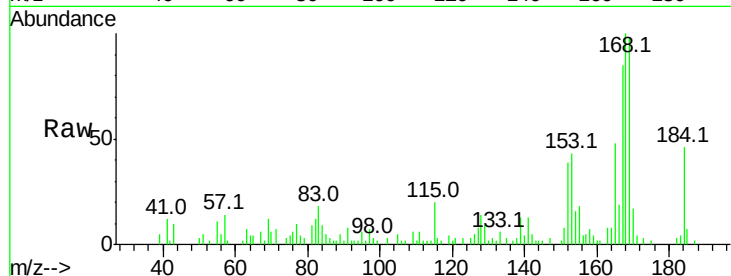
Tot Ion:169 Resp: 24138

Ion Ratio Lower Upper

169 100

168 102.6 53.2 79.8#

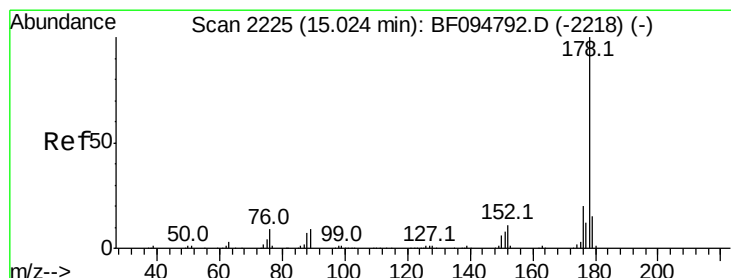
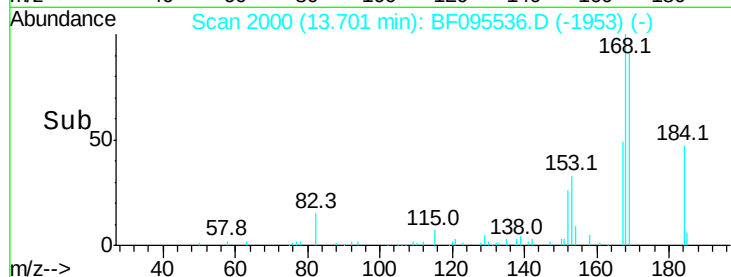
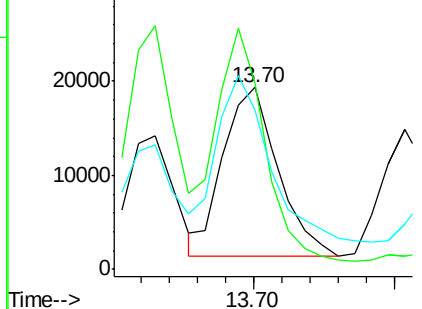
167 87.3 29.5 44.3#



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



#70

Phenanthrene

Concen: 95.64 ng

RT: 15.04 min Scan# 2228

Delta R.T. -0.00 min

Lab File: BF095536.D

Acq: 30 May 2017 15:35

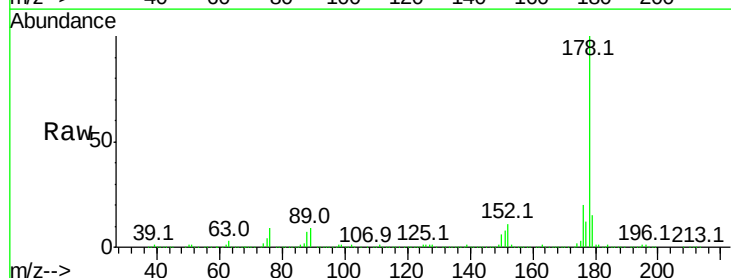
Tgt Ion:178 Resp: 1550915

Ion Ratio Lower Upper

178 100

176 19.5 16.2 24.4

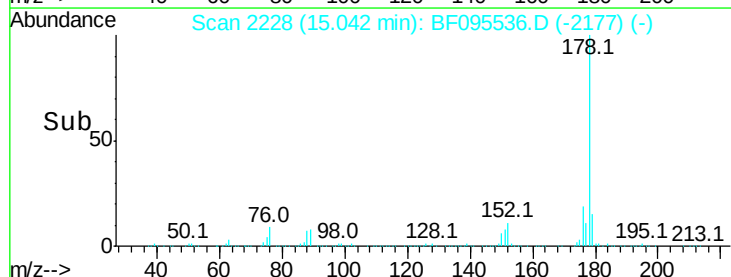
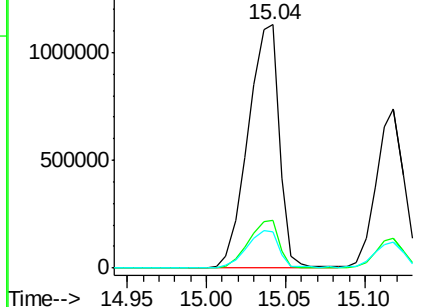
179 15.1 12.6 19.0

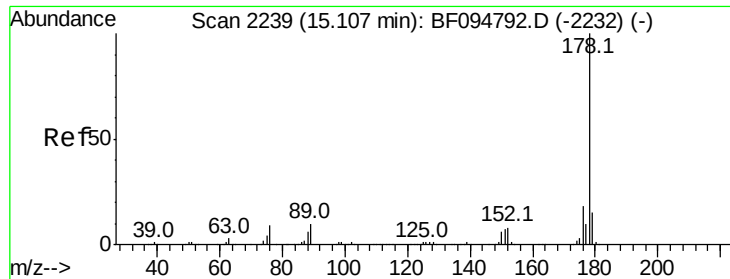


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

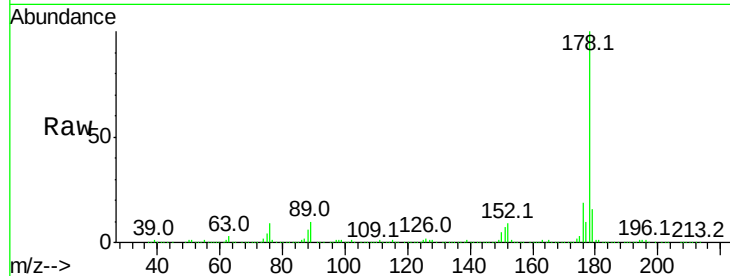




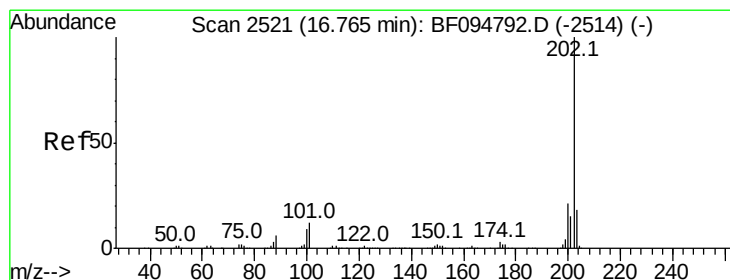
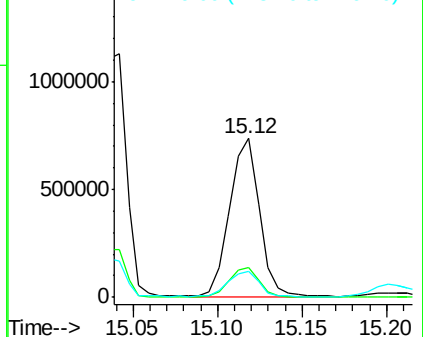
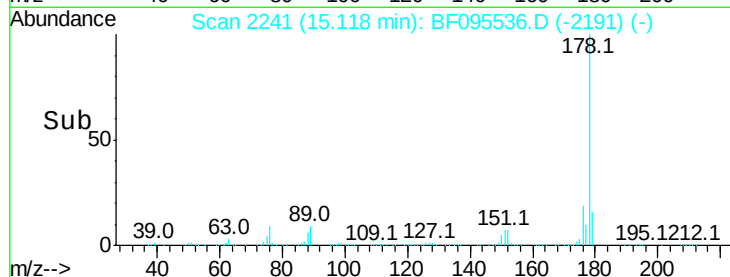
#71
 Anthracene
 Concen: 54.56 ng
 RT: 15.12 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF095536.D
 Acq: 30 May 2017 15:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 903765
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.8
 179 16.1 12.7 19.1

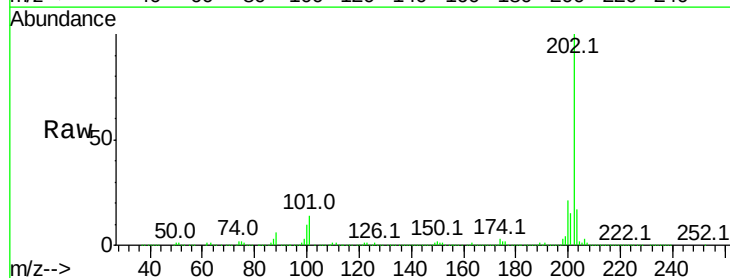


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

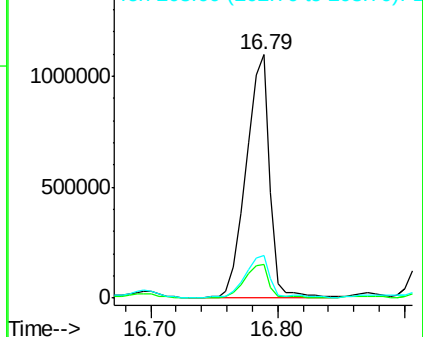
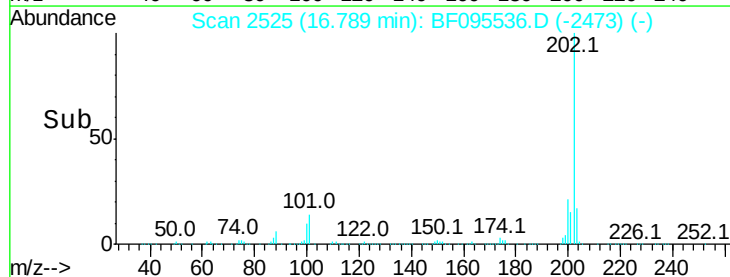


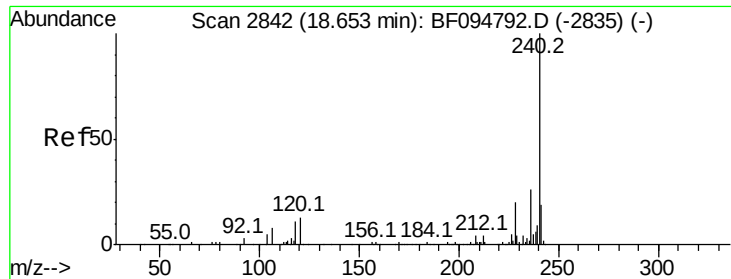
#74
 Fluoranthene
 Concen: 84.96 ng
 RT: 16.79 min Scan# 2525
 Delta R.T. 0.01 min
 Lab File: BF095536.D
 Acq: 30 May 2017 15:35

Tgt Ion:202 Resp: 1413213
 Ion Ratio Lower Upper
 202 100
 101 14.0 0.0 33.2
 203 17.5 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: 18.68 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BF095536.D

Acq: 30 May 2017 15:35

Instrument :

BNA_F

ClientSampleId :

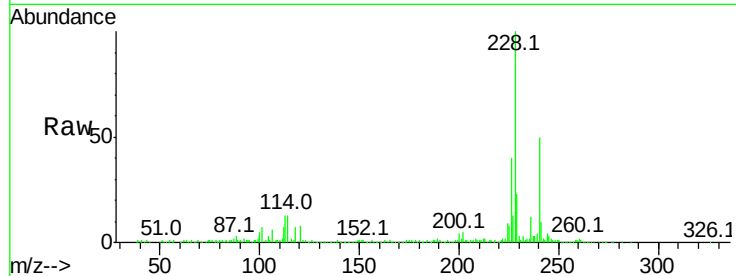
Tot Ion:240 Resp: 191461

Ion Ratio Lower Upper

240 100

120 15.9 5.8 8.8#

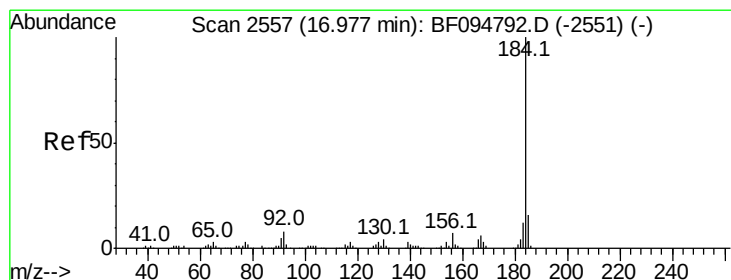
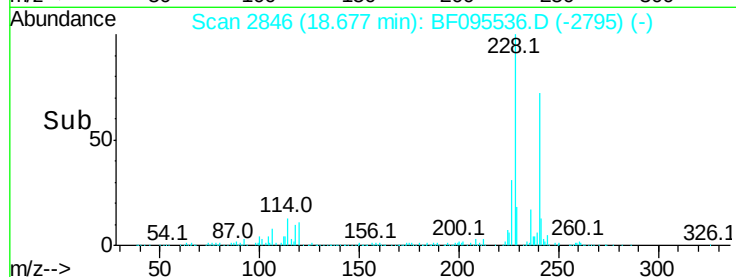
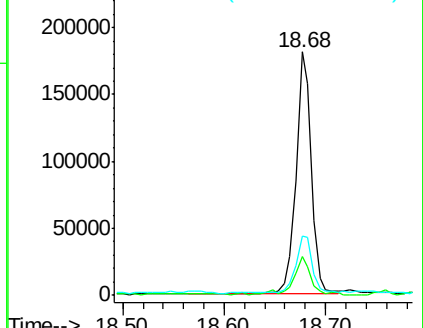
236 24.6 20.5 30.7



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: 6.65 ng

RT: 16.99 min Scan# 2560

Delta R.T. -0.01 min

Lab File: BF095536.D

Acq: 30 May 2017 15:35

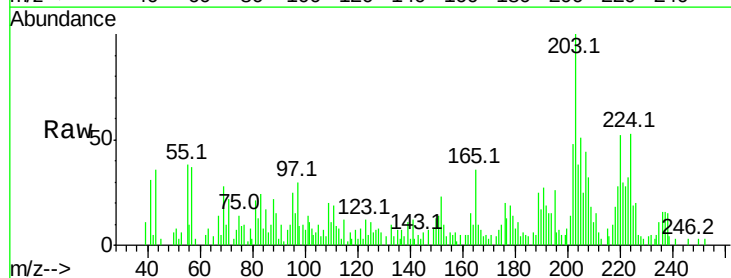
Tgt Ion:184 Resp: 343

Ion Ratio Lower Upper

184 100

185 92.0 15.5 23.3#

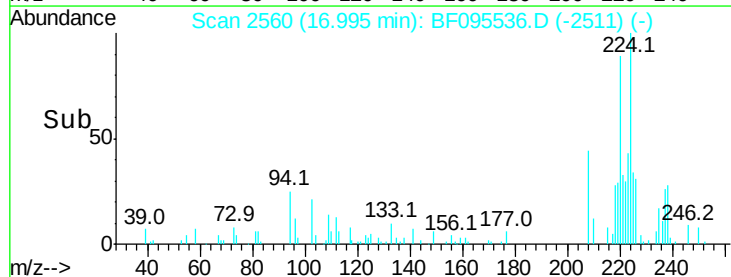
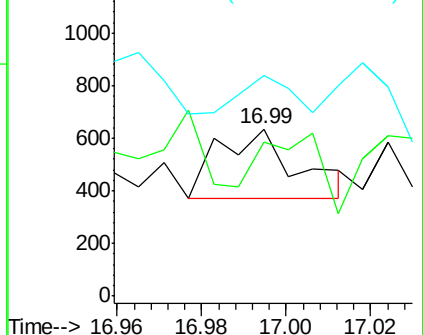
183 132.2 9.8 14.6#

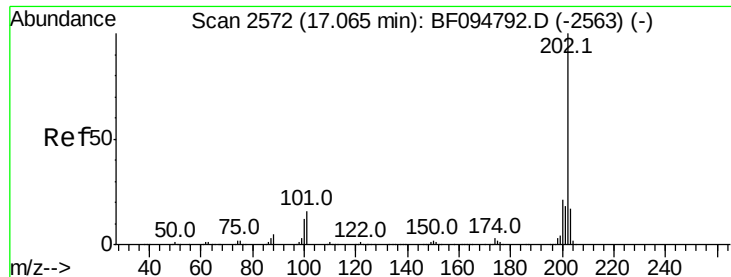


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 84.40 ng

RT: 17.09 min Scan# 2576

Delta R.T. -0.00 min

Lab File: BF095536.D

Acq: 30 May 2017 15:35

Instrument :

BNA_F

ClientSampleId :

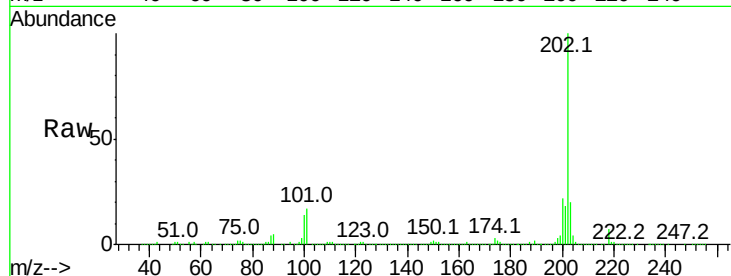
Tot Ion:202 Resp: 1208499

Ion Ratio Lower Upper

202 100

200 21.8 17.6 26.4

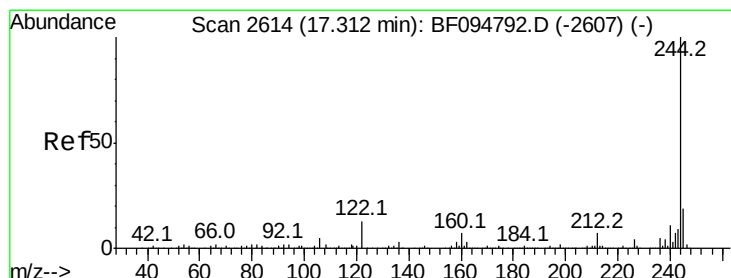
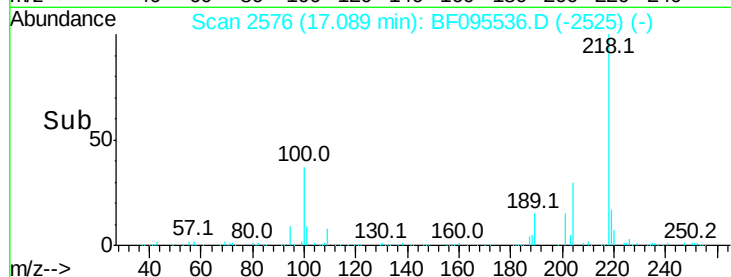
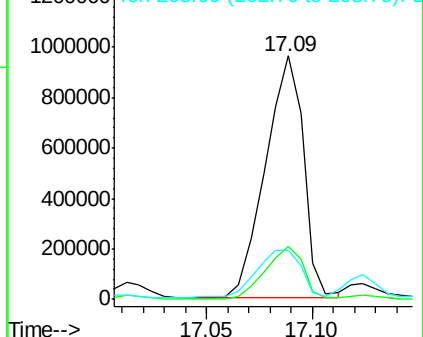
203 20.2 14.4 21.6



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: 45.34 ng

RT: 17.32 min Scan# 2615

Delta R.T. -0.01 min

Lab File: BF095536.D

Acq: 30 May 2017 15:35

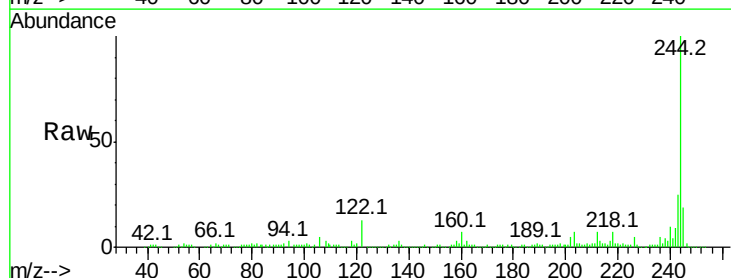
Tgt Ion:244 Resp: 394142

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

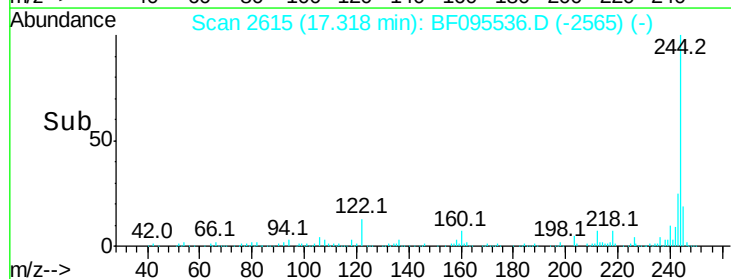
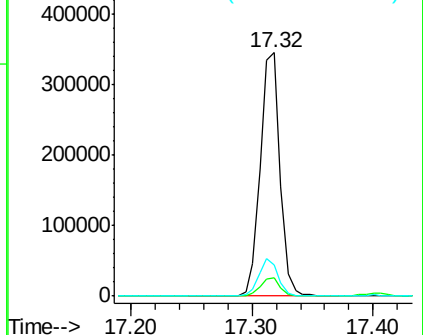
122 12.8 10.3 15.5

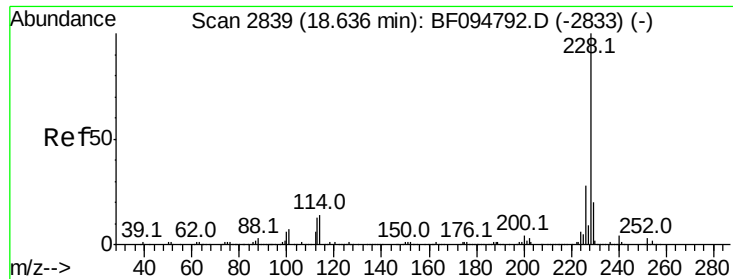


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 87.52 ng

RT: 18.67 min Scan# 2845

Delta R.T. 0.01 min

Lab File: BF095536.D

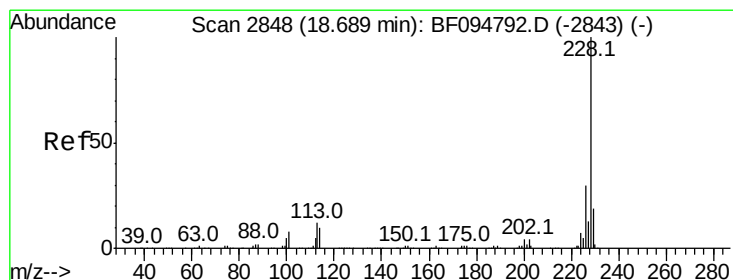
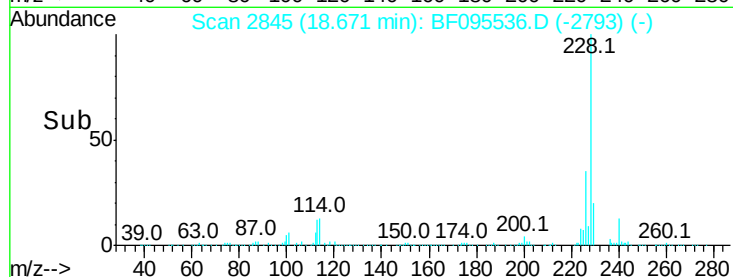
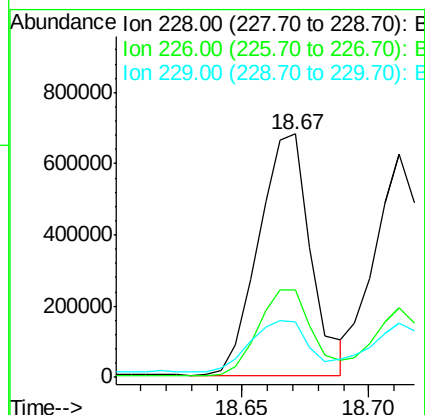
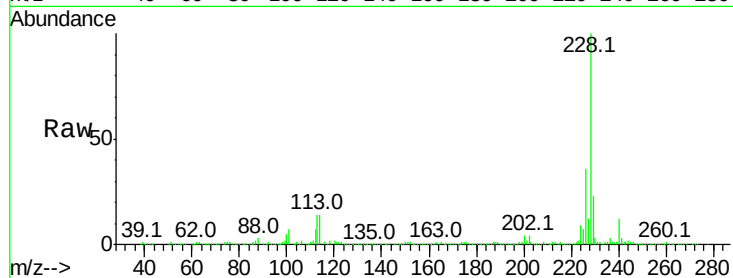
Acq: 30 May 2017 15:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	228	Resp:	975237
Ion	Ratio	Lower	Upper
228	100		
226	35.7	22.6	33.8#
229	22.9	16.3	24.5



#82

Chrysene

Concen: 90.51 ng

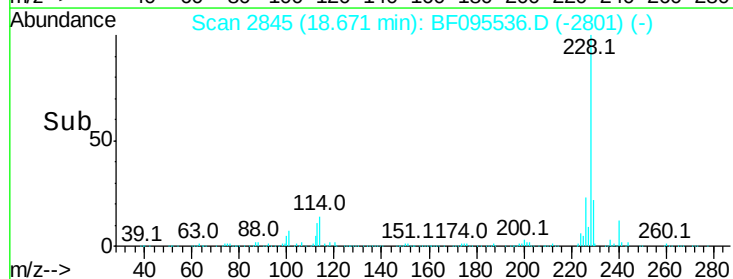
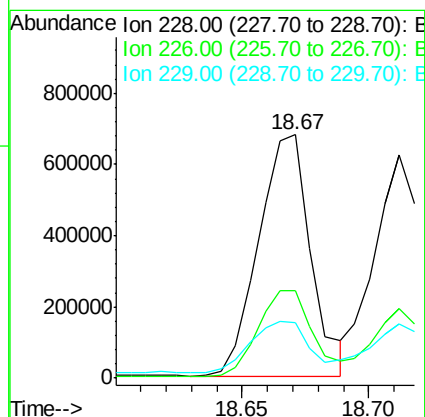
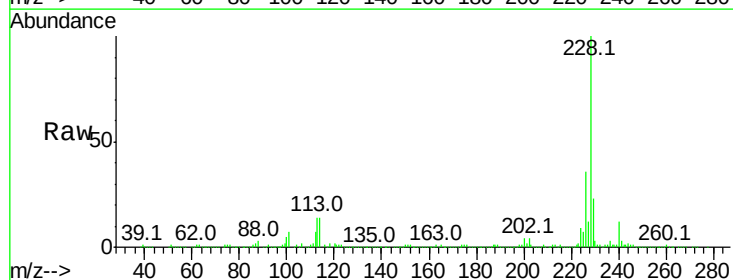
RT: 18.67 min Scan# 2845

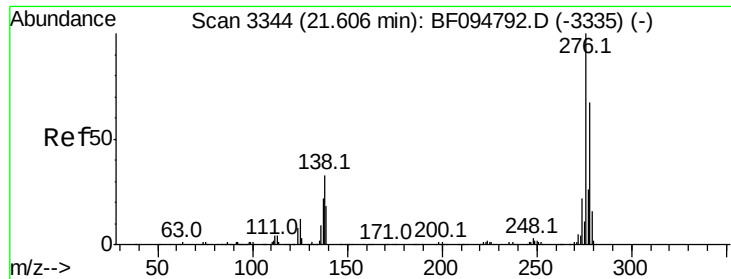
Delta R.T. -0.04 min

Lab File: BF095536.D

Acq: 30 May 2017 15:35

Tgt Ion:	228	Resp:	975237
Ion	Ratio	Lower	Upper
228	100		
226	35.7	24.9	37.3
229	22.9	15.8	23.6

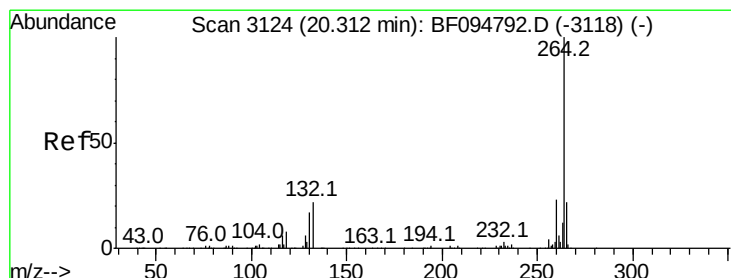
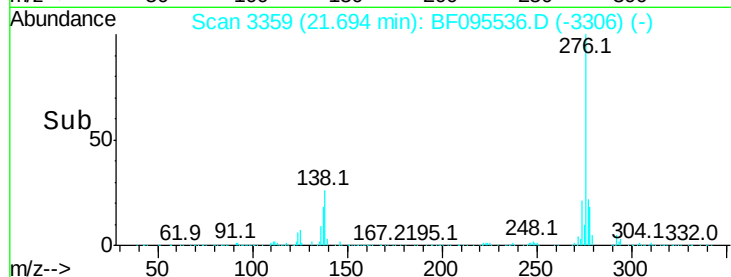
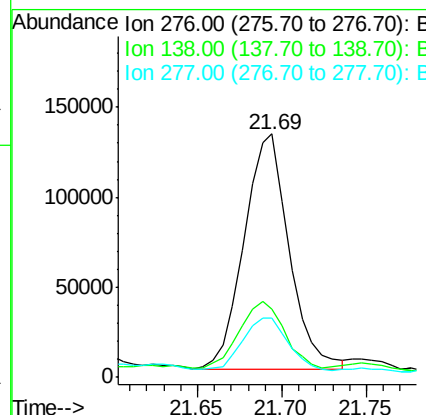
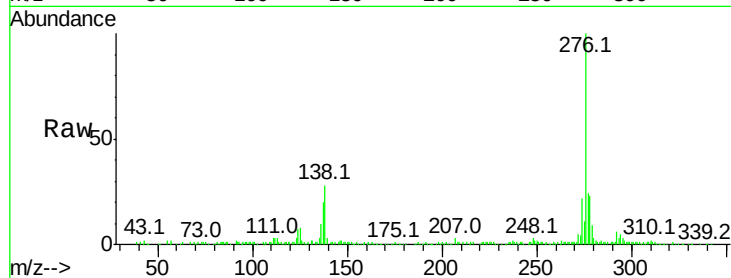




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 27.67 ng
 RT: 21.69 min Scan# 3359
 Delta R.T. 0.01 min
 Lab File: BF095536.D
 Acq: 30 May 2017 15:35

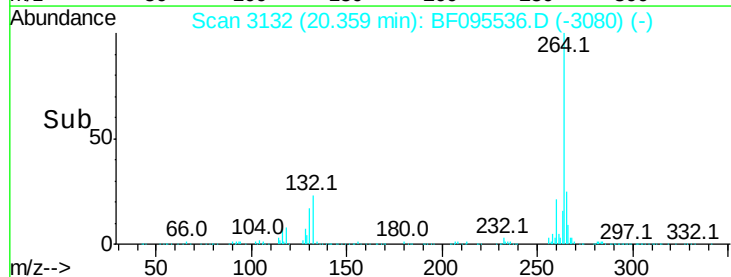
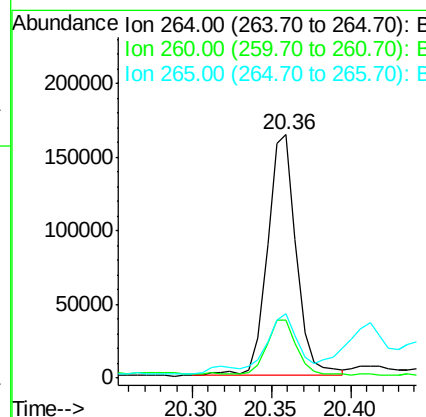
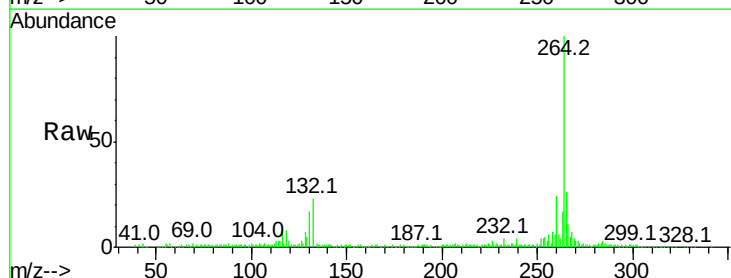
Instrument :
 BNA_F
 ClientSampleId :

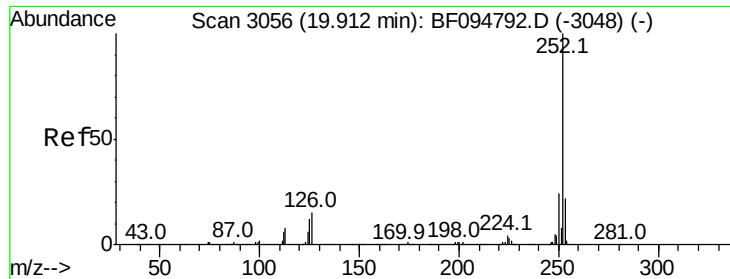
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.1	27.8	41.6
277	21.9	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3132
 Delta R.T. 0.01 min
 Lab File: BF095536.D
 Acq: 30 May 2017 15:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	26.2	17.2	25.8

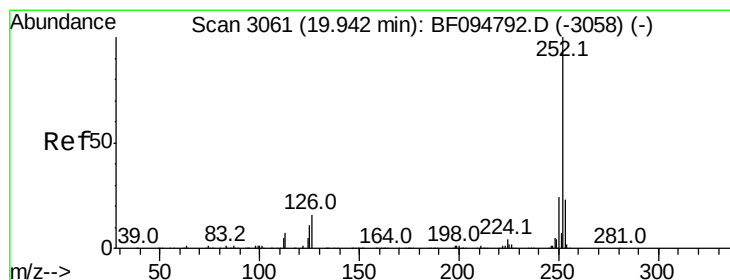
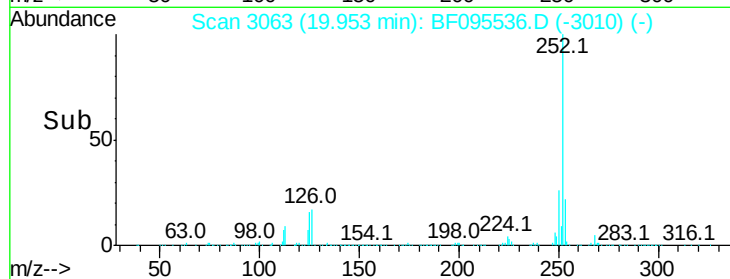
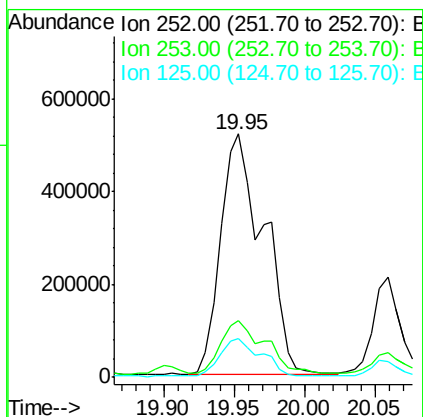
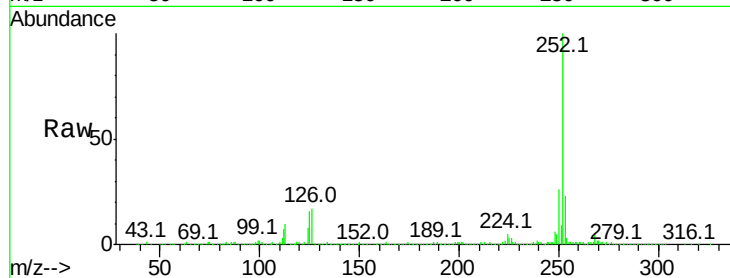




#87
Benzo(b)fluoranthene
Concen: 85.80 ng
RT: 19.95 min Scan# 3063
Delta R.T. 0.01 min
Lab File: BF095536.D
Acq: 30 May 2017 15:35

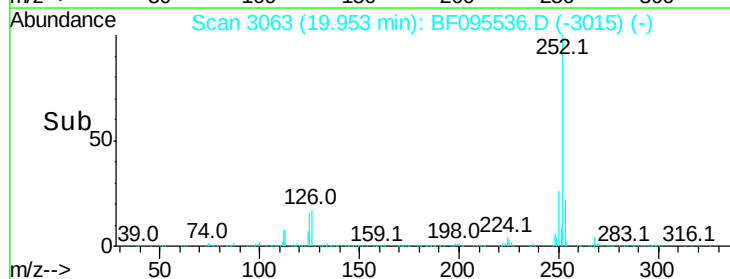
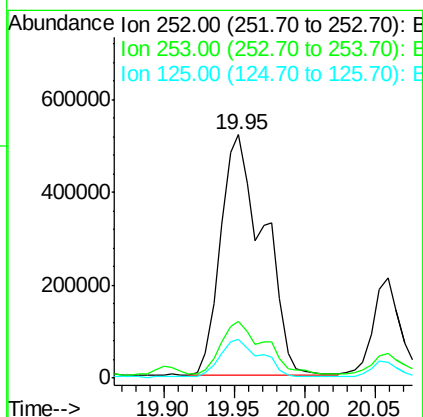
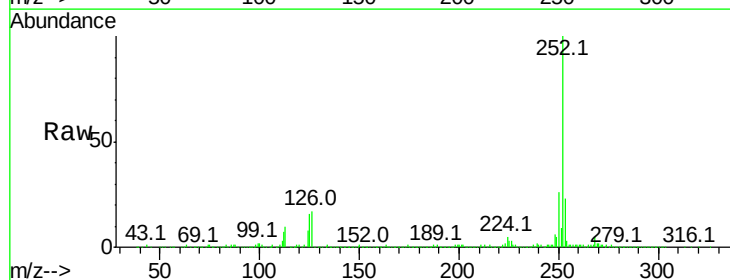
Instrument :
BNA_F
ClientSampleId :

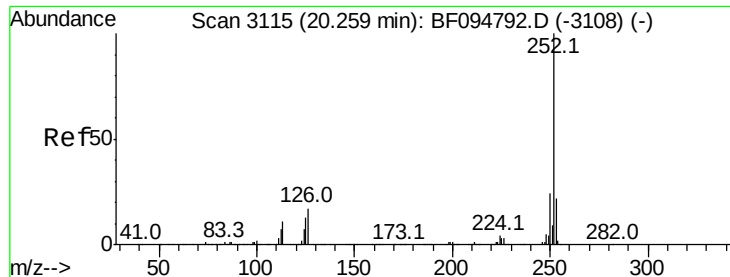
Tot Ion:252 Resp: 1112121
Ion Ratio Lower Upper
252 100
253 23.1 18.1 27.1
125 15.9 9.8 14.8#



#88
Benzo(k)fluoranthene
Concen: 88.95 ng
RT: 19.95 min Scan# 3063
Delta R.T. -0.02 min
Lab File: BF095536.D
Acq: 30 May 2017 15:35

Tgt Ion:252 Resp: 1112121
Ion Ratio Lower Upper
252 100
253 23.1 18.4 27.6
125 15.9 13.1 19.7





#89

Benzo(a)pyrene

Concen: 57.40 ng

RT: 20.31 min Scan# 3123

Delta R.T. 0.01 min

Lab File: BF095536.D

Acq: 30 May 2017 15:35

Instrument :

BNA_F

ClientSampleId :

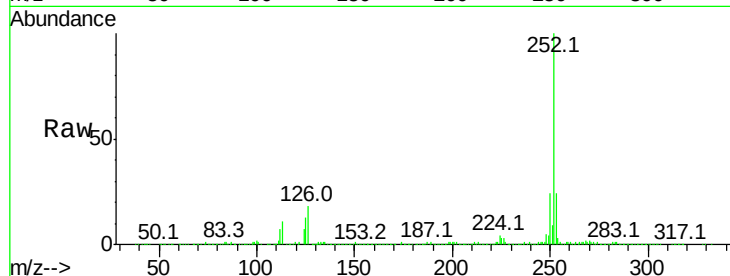
Tot Ion:252 Resp: 686494

Ion Ratio Lower Upper

252 100

253 23.6 17.5 26.3

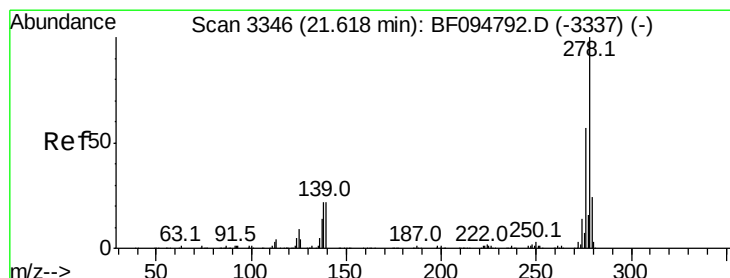
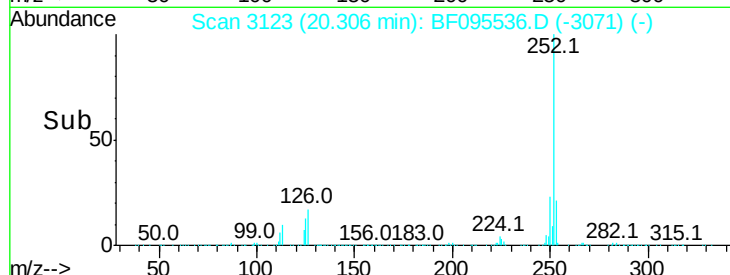
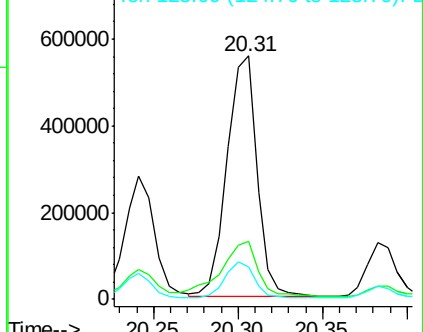
125 13.3 11.0 16.4



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



#90

Dibenzo(a,h)anthracene

Concen: 7.66 ng

RT: 21.68 min Scan# 3357

Delta R.T. -0.00 min

Lab File: BF095536.D

Acq: 30 May 2017 15:35

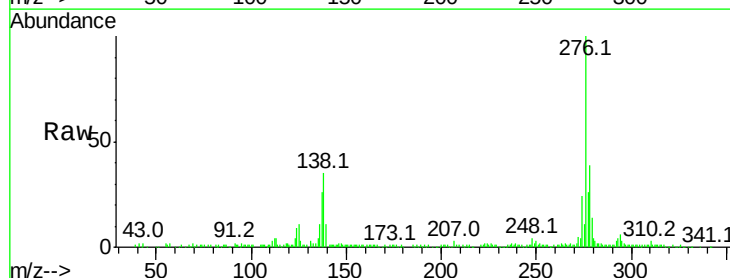
Tgt Ion:278 Resp: 75617

Ion Ratio Lower Upper

278 100

139 28.8 16.6 24.8#

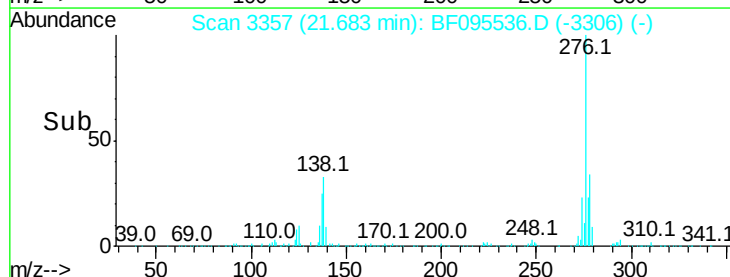
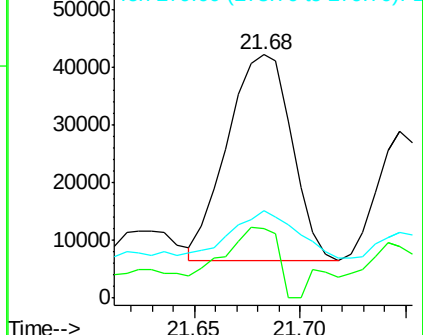
279 36.0 19.3 28.9#

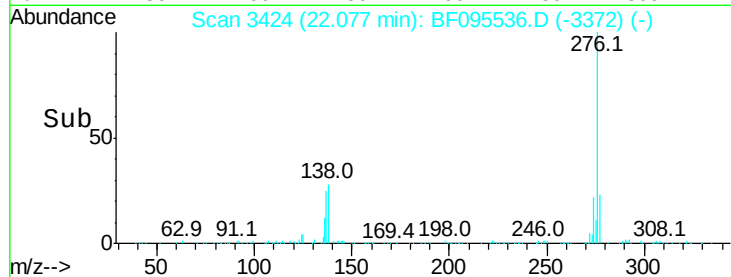
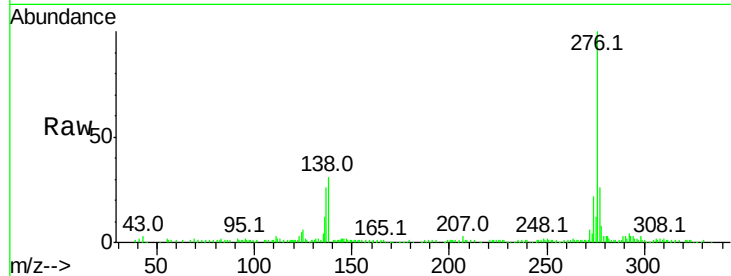
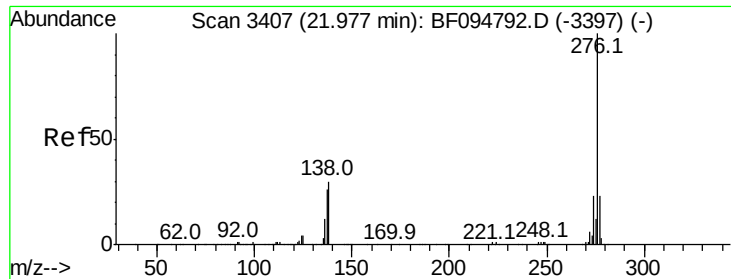


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 19.16 ng

RT: 22.08 min Scan# 3424

Delta R.T. 0.01 min

Lab File: BF095536.D

Acq: 30 May 2017 15:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 185744

Ion Ratio Lower Upper

276 100

277 25.6 18.6 28.0

138 31.2 25.4 38.0

