

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
 Data File : BF095402.D
 Acq On : 24 May 2017 22:11
 Operator : SJ/MA
 Sample : I3281-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 25 01:09:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	83179	20.00	ng	-0.02
21) Naphthalene-d8	9.77	136	295773	20.00	ng	-0.01
38) Acenaphthene-d10	12.60	164	115915	20.00	ng	-0.02
63) Phenanthrene-d10	15.01	188	186254	20.00	ng	-0.02
75) Chrysene-d12	18.68	240	186238	20.00	ng	-0.02
86) Perylene-d12	20.36	264	118330	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	588534	117.96	ng	-0.02
7) Phenol-d6	7.30	99	694951	116.09	ng	-0.02
23) Nitrobenzene-d5	8.65	82	386086	82.31	ng	-0.02
41) 2,4,6-Tribromophenol	13.91	330	103796	109.34	ng	-0.01
44) 2-Fluorobiphenyl	11.54	172	660276	81.99	ng	-0.02
78) Terphenyl-d14	17.32	244	474757	56.15	ng	-0.02

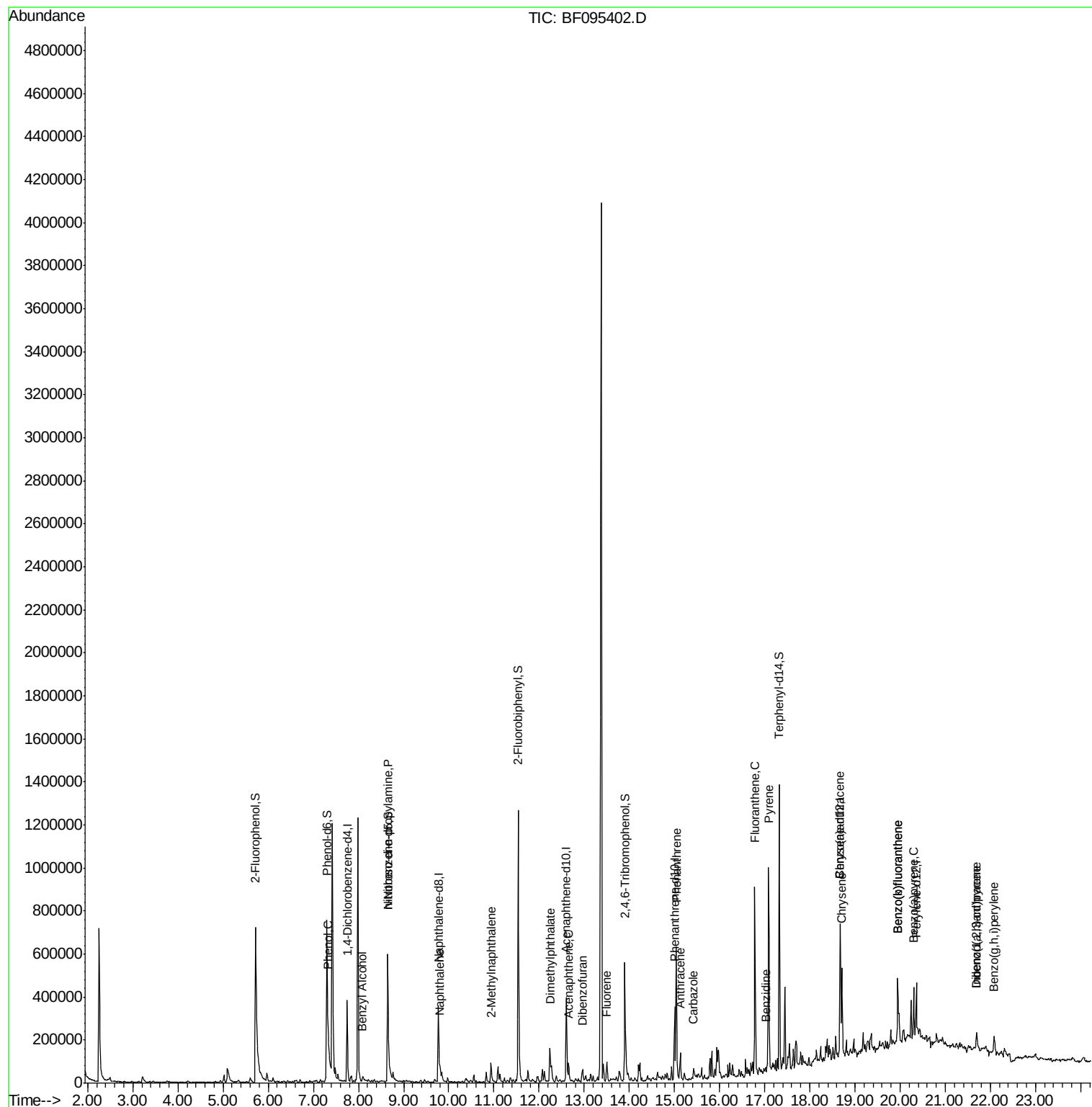
Target Compounds						Qvalue
10) Phenol	7.32	94	13742	2.18	ng	# 30
15) Benzyl Alcohol	8.09	79	21546	5.60	ng	96
19) n-Nitroso-di-n-propylamine	8.65	70	46788	11.56	ng	# 74
31) Naphthalene	9.81	128	55480	3.73	ng	98
37) 2-Methylnaphthalene	10.94	142	45584	4.67	ng	97
49) Dimethylphthalate	12.24	163	113546	11.93	ng	98
51) Acenaphthene	12.65	154	24069	3.26	ng	94
54) Dibenzofuran	12.95	168	31519	3.09	ng	99
57) Fluorene	13.51	166	27715	3.12	ng	96
70) Phenanthrene	15.04	178	345616	32.30	ng	97
71) Anthracene	15.13	178	80694	7.38	ng	97
72) Carbazole	15.42	167	37590	3.78	ng	95
74) Fluoranthene	16.78	202	464301	42.30	ng	98
76) Benzidine	17.02	184	490	6.67	ng	# 1
77) Pyrene	17.09	202	422931	30.36	ng	97
80) Benzo(a)anthracene	18.67	228	198293	18.29	ng	98
82) Chrysene	18.71	228	184261	17.58	ng	98
85) Indeno(1,2,3-cd)pyrene	21.69	276	54384	6.39	ng	97
87) Benzo(b)fluoranthene	19.95	252	213624	29.22	ng	# 97
88) Benzo(k)fluoranthene	19.95	252	213624	30.29	ng	99
89) Benzo(a)pyrene	20.30	252	105343	15.61	ng	95
90) Dibenz(a,h)anthracene	21.69	278	16243	2.92	ng	# 76
91) Benzo(g,h,i)perylene	22.08	276	52995	9.69	ng	97

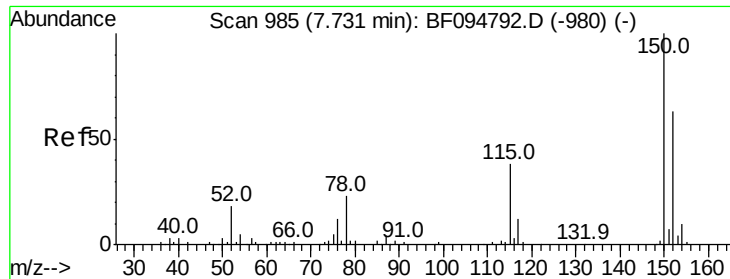
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095402.D
Acq On : 24 May 2017 22:11
Operator : SJ/MA
Sample : I3281-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 25 01:09:28 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 17:07:53 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.75 min Scan# 988

Delta R.T. -0.02 min

Lab File: BF095402.D

Acq: 24 May 2017 22:11

Instrument :

BNA_F

ClientSampled :

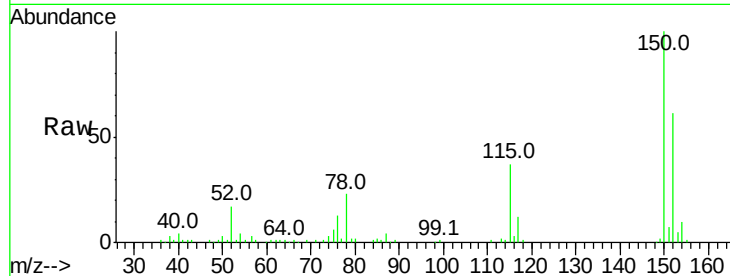
Tot Ion:152 Resp: 83179

Ion Ratio Lower Upper

152 100

150 163.9 126.2 189.2

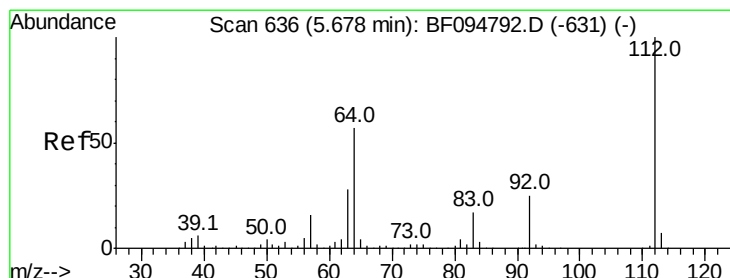
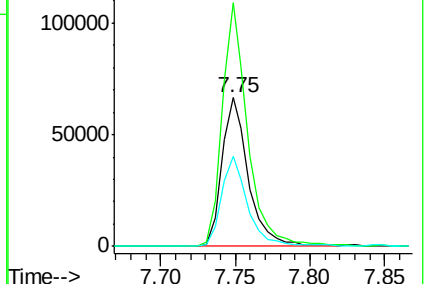
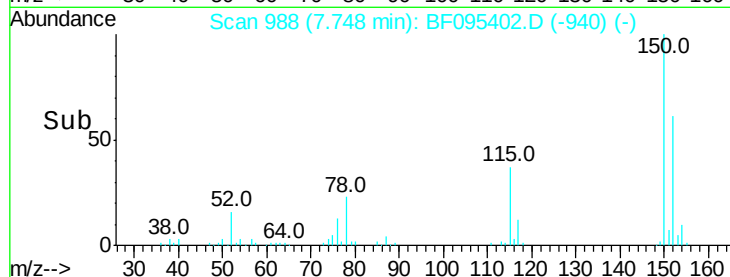
115 60.6 52.2 78.2



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: 117.96 ng

RT: 5.72 min Scan# 643

Delta R.T. -0.02 min

Lab File: BF095402.D

Acq: 24 May 2017 22:11

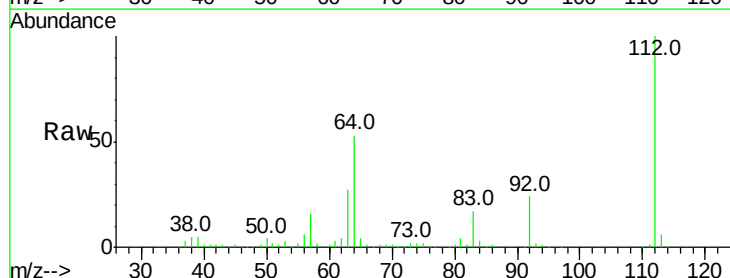
Tgt Ion:112 Resp: 588534

Ion Ratio Lower Upper

112 100

64 53.4 46.0 69.0

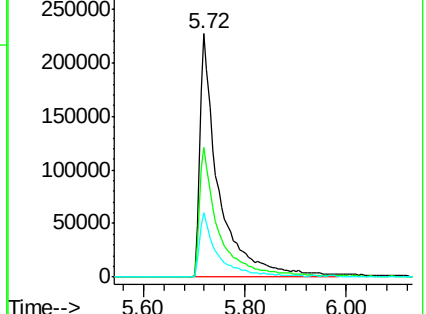
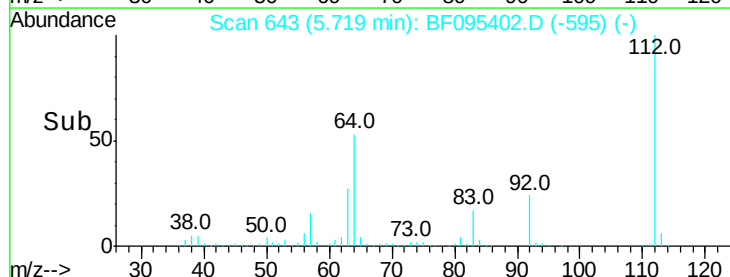
63 26.7 23.4 35.0

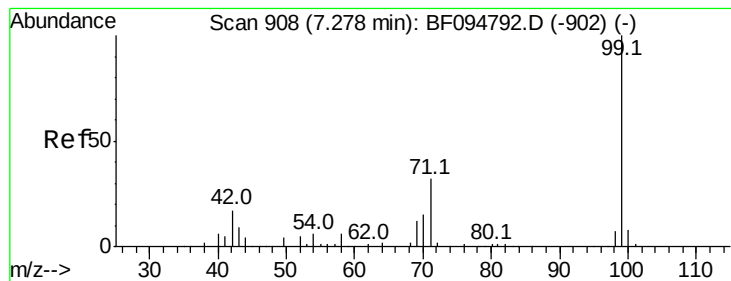


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 116.09 ng

RT: 7.30 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF095402.D

Acq: 24 May 2017 22:11

Instrument :

BNA_F

ClientSampled :

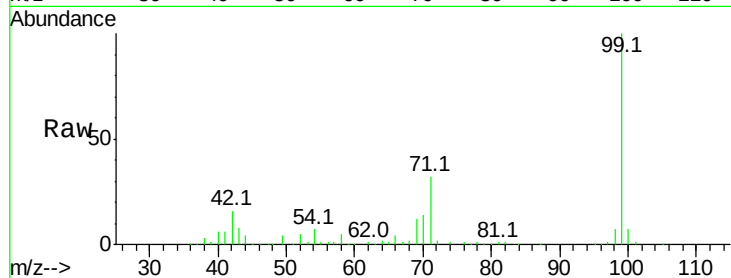
Tot Ion: 99 Resp: 694951

Ion Ratio Lower Upper

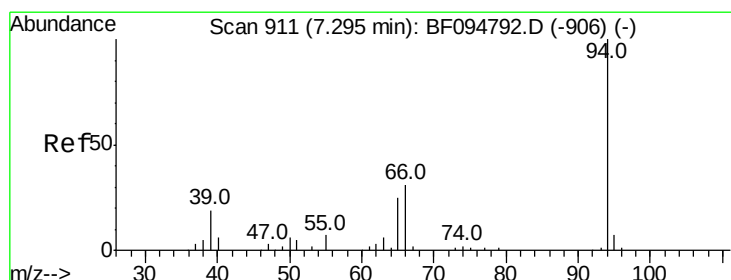
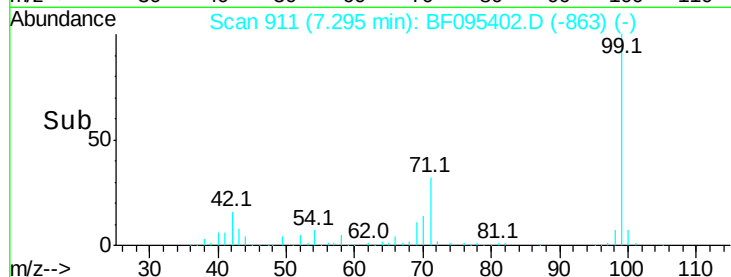
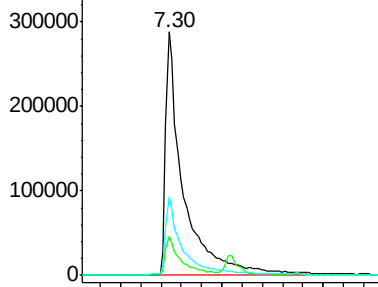
99 100

42 16.0 13.5 20.3

71 32.4 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.18 ng

RT: 7.32 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF095402.D

Acq: 24 May 2017 22:11

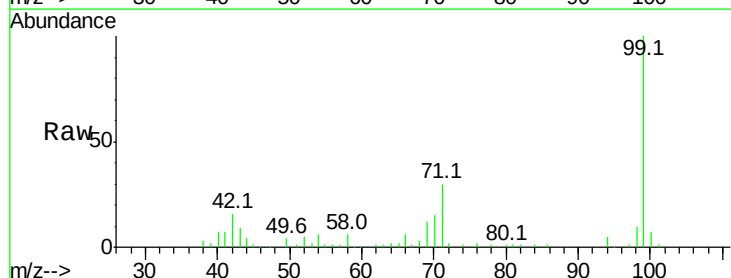
Tgt Ion: 94 Resp: 13742

Ion Ratio Lower Upper

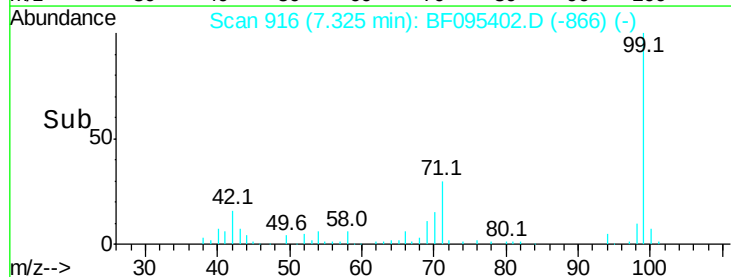
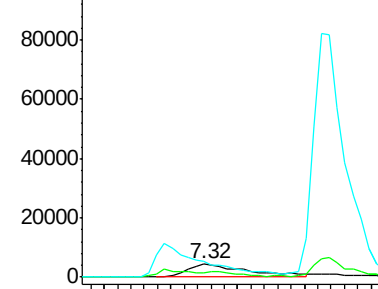
94 100

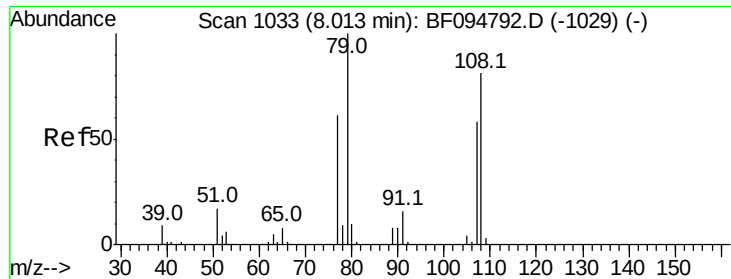
65 35.1 9.9 49.9

66 114.5 23.1 63.1#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

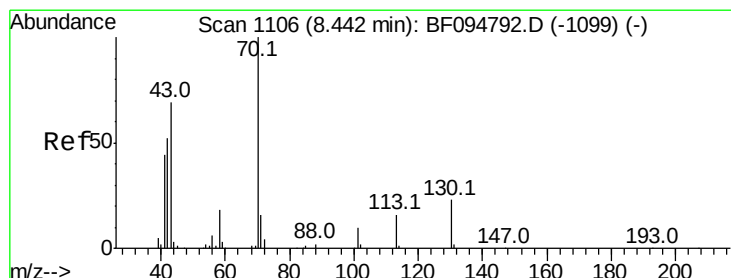
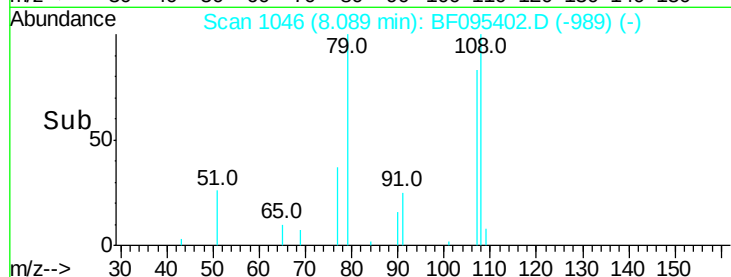
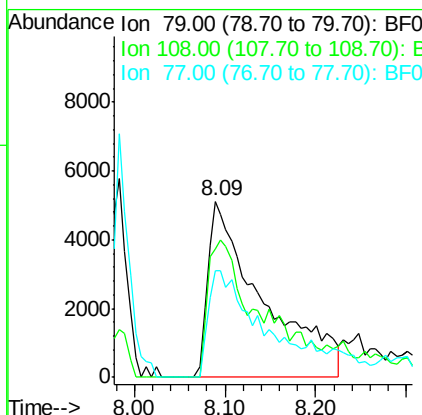
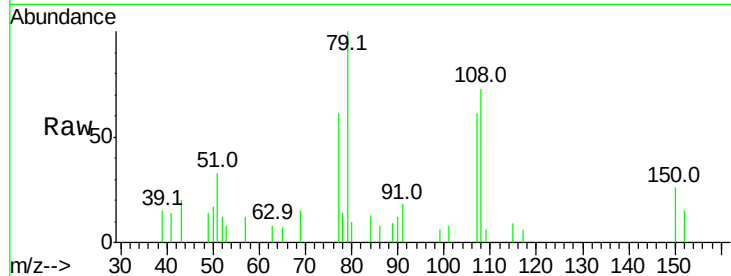




#15
Benzyl Alcohol
Concen: 5.60 ng
RT: 8.09 min Scan# 1046
Delta R.T. 0.04 min
Lab File: BF095402.D
Acq: 24 May 2017 22:11

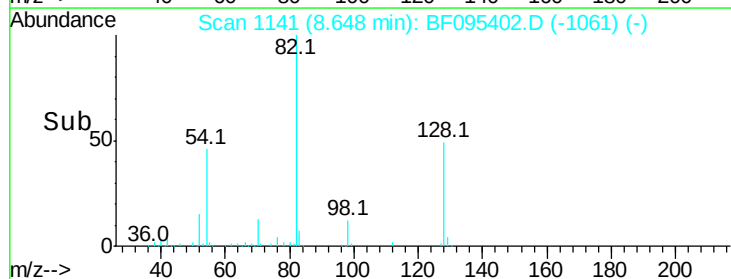
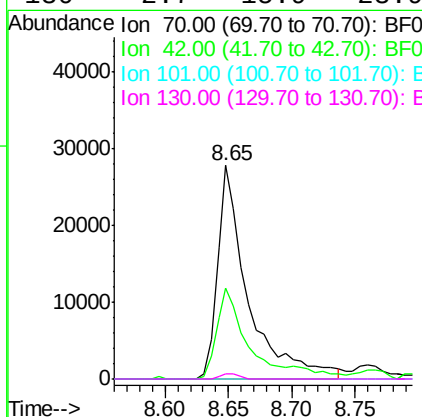
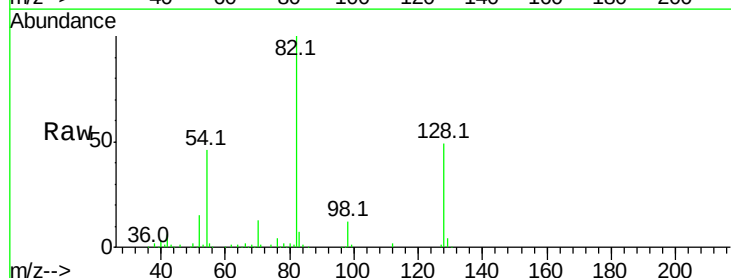
Instrument :
BNA_F
ClientSampled :

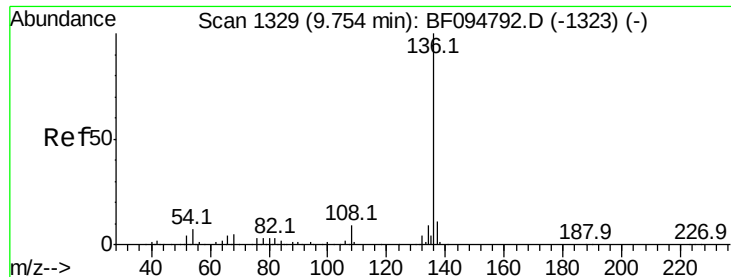
Tot Ion: 79 Resp: 21546
Ion Ratio Lower Upper
79 100
108 73.4 63.4 95.0
77 60.5 49.2 73.8



#19
n-Nitroso-di-n-propylamine
Concen: 11.56 ng
RT: 8.65 min Scan# 1141
Delta R.T. 0.17 min
Lab File: BF095402.D
Acq: 24 May 2017 22:11

Tgt Ion: 70 Resp: 46788
Ion Ratio Lower Upper
70 100
42 42.3 47.2 70.8#
101 0.0 7.2 10.8#
130 2.7 15.9 23.9#

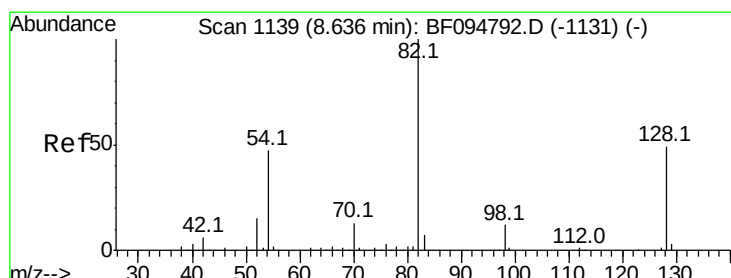
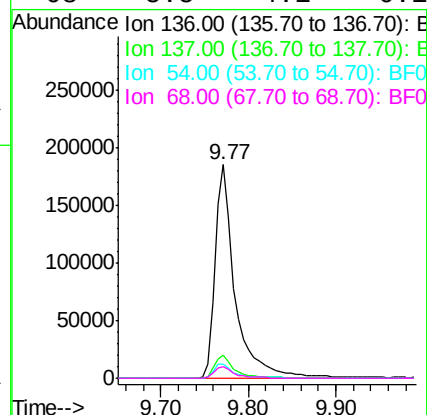
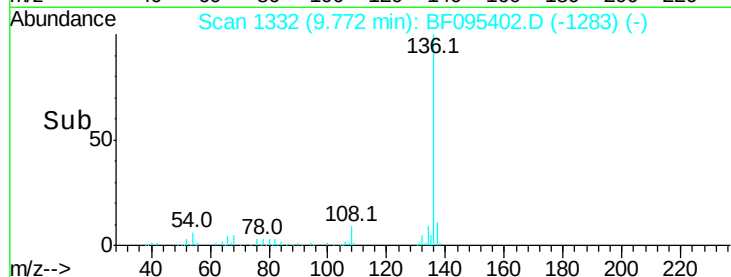
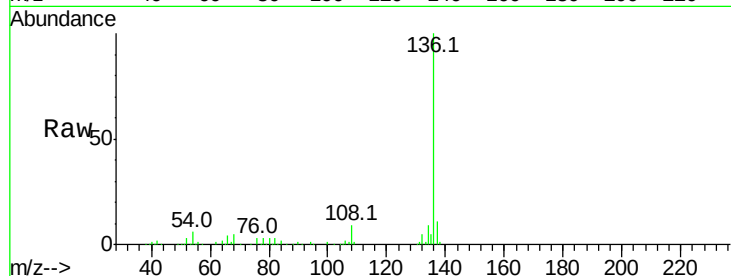




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.77 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF095402.D
Acq: 24 May 2017 22:11

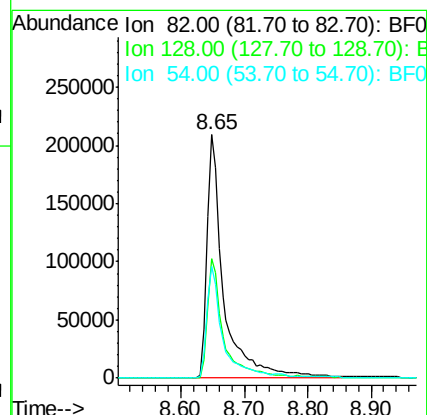
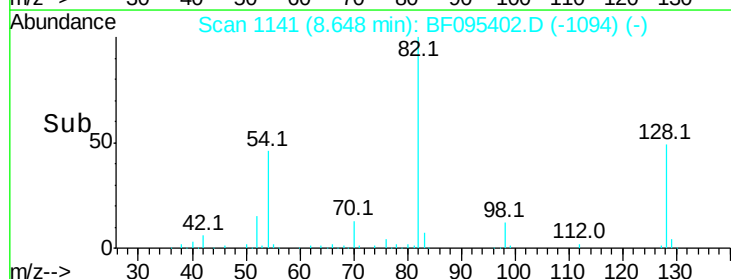
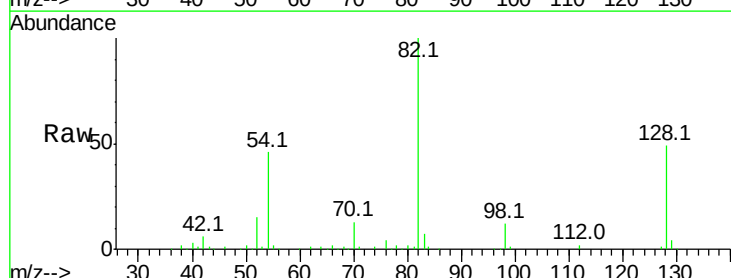
Instrument :
BNA_F
ClientSampleId :

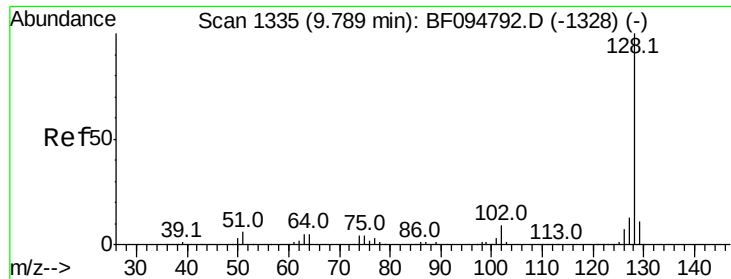
Tot Ion:136	Resp:	295773
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.5 12.7
54	6.5	4.9 7.3
68	5.5	4.1 6.1



#23
Nitrobenzene-d5
Concen: 82.31 ng
RT: 8.65 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF095402.D
Acq: 24 May 2017 22:11

Tgt Ion: 82	Resp:	386086
Ion Ratio	Lower	Upper
82	100	
128	49.3	34.0 51.0
54	45.7	42.2 63.2

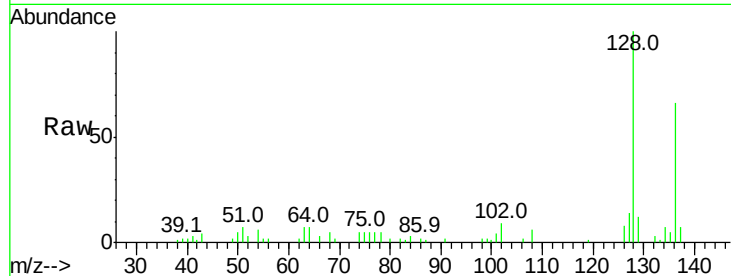




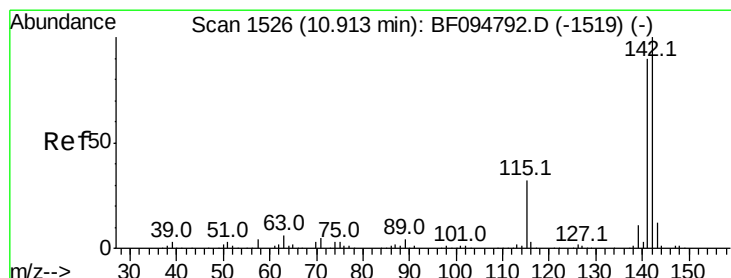
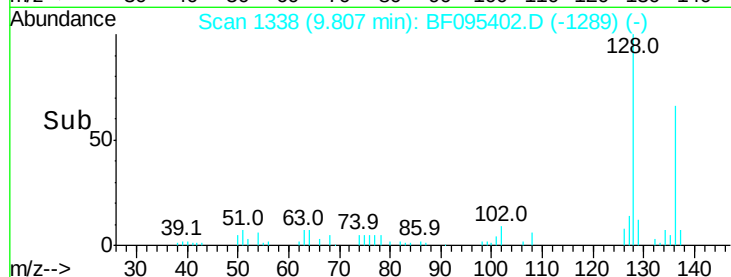
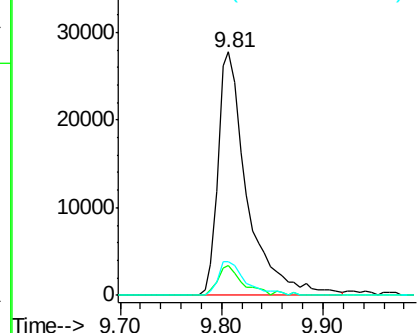
#31
Naphthalene
Concen: 3.73 ng
RT: 9.81 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF095402.D
Acq: 24 May 2017 22:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 55480
Ion Ratio Lower Upper
128 100
129 12.4 9.0 13.6
127 13.9 10.8 16.2

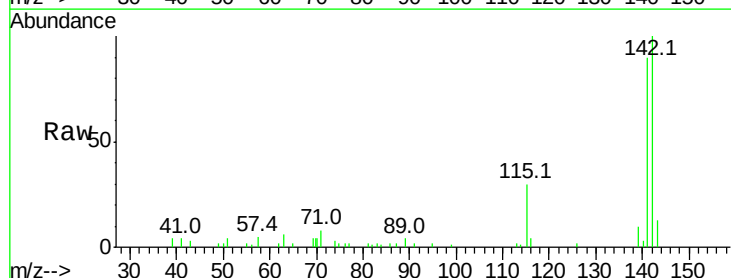


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

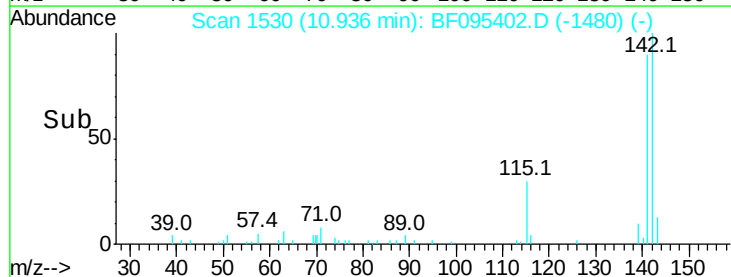
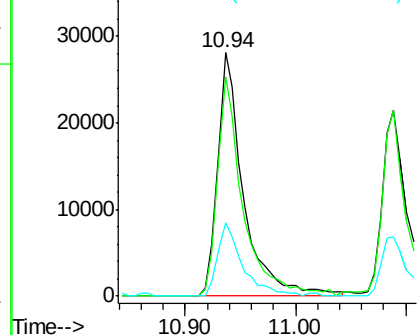


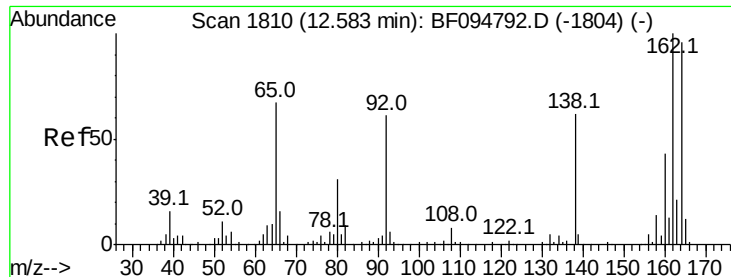
#37
2-Methylnaphthalene
Concen: 4.67 ng
RT: 10.94 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF095402.D
Acq: 24 May 2017 22:11

Tgt Ion:142 Resp: 45584
Ion Ratio Lower Upper
142 100
141 89.9 71.3 106.9
115 30.0 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.60 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BF095402.D

Acq: 24 May 2017 22:11

Instrument :

BNA_F

ClientSampleId :

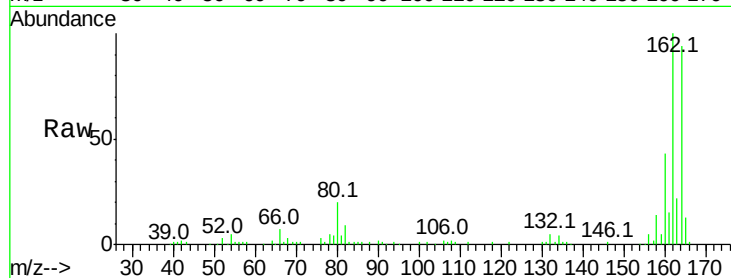
Tot Ion:164 Resp: 115915

Ion Ratio Lower Upper

164 100

162 106.9 82.6 123.8

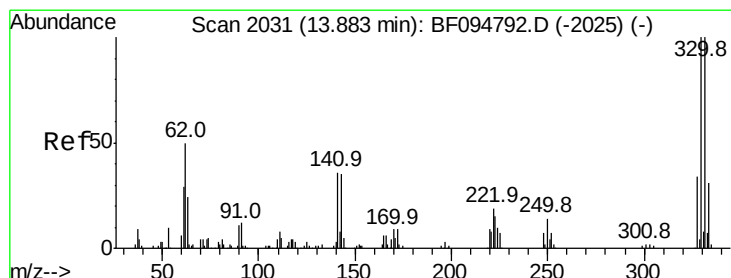
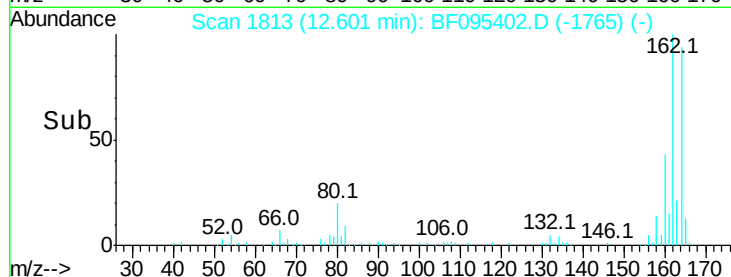
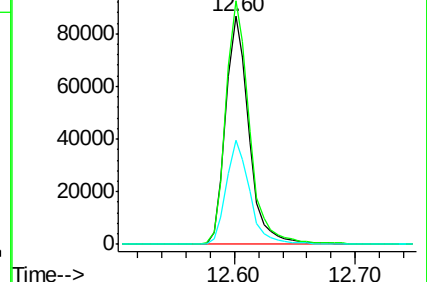
160 45.9 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 109.34 ng

RT: 13.91 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF095402.D

Acq: 24 May 2017 22:11

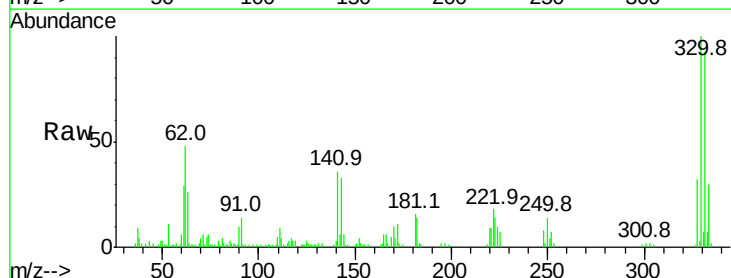
Tgt Ion:330 Resp: 103796

Ion Ratio Lower Upper

330 100

332 94.7 76.6 115.0

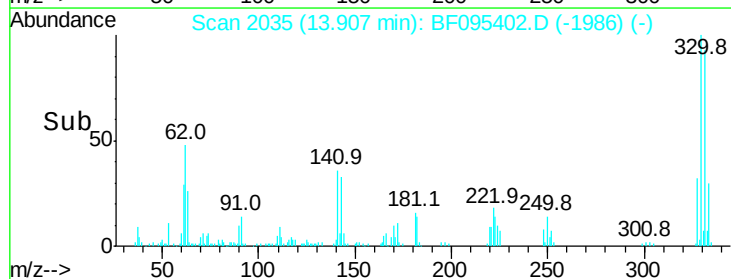
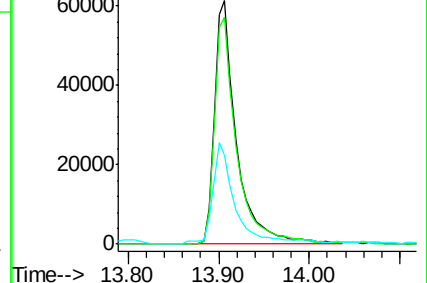
141 43.3 31.4 47.2

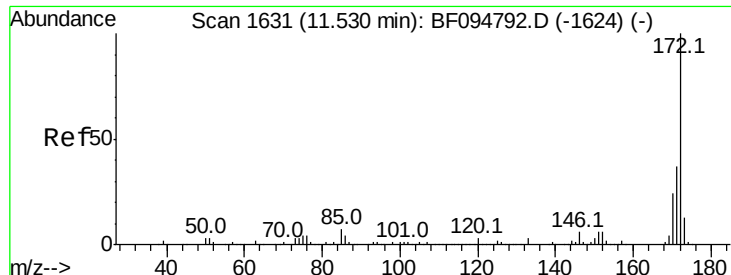


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

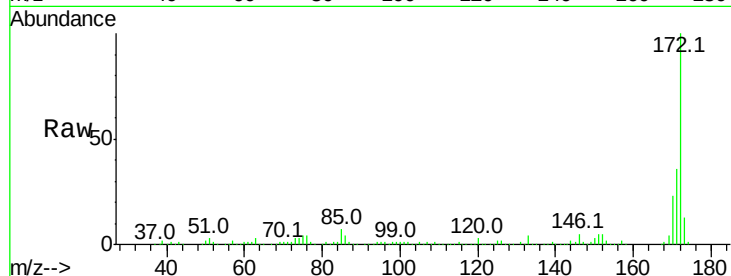




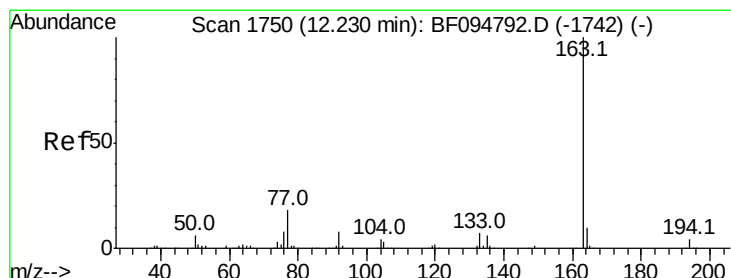
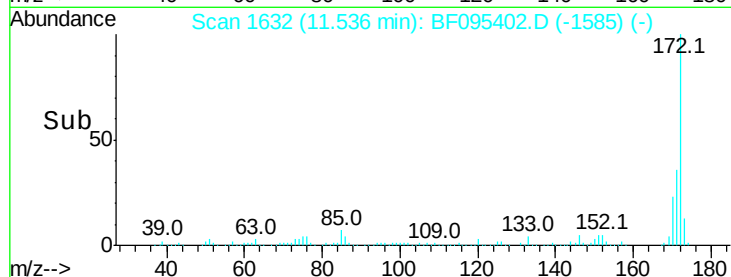
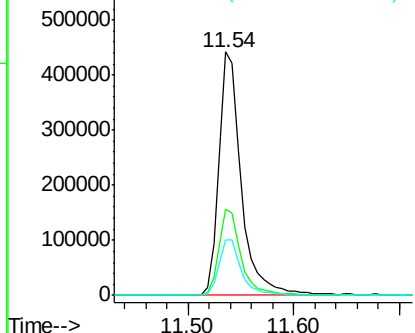
#44
2-Fluorobiphenyl
Concen: 81.99 ng
RT: 11.54 min Scan# 1632
Delta R.T. -0.02 min
Lab File: BF095402.D
Acq: 24 May 2017 22:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 660276
Ion Ratio Lower Upper
172 100
171 35.6 29.6 44.4
170 23.0 19.8 29.8

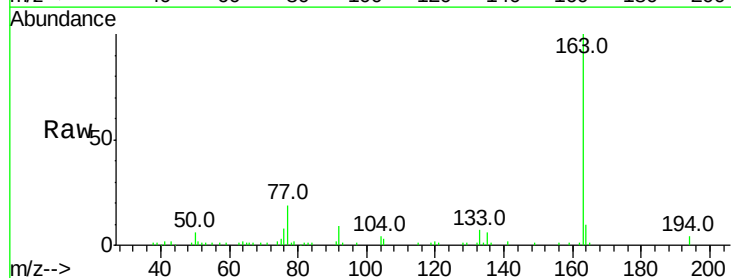


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

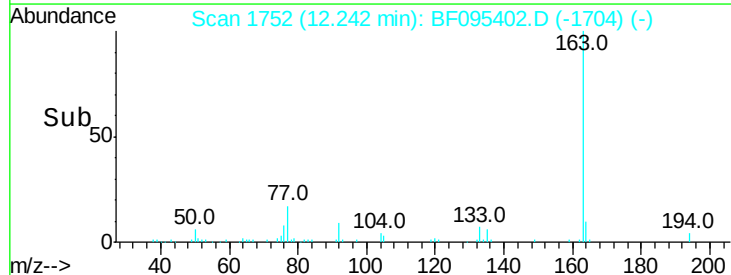
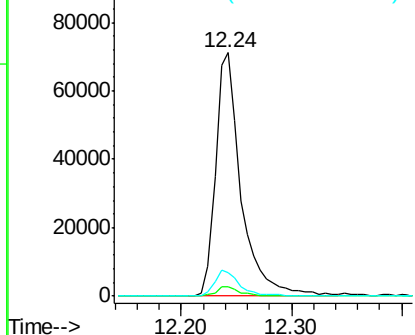


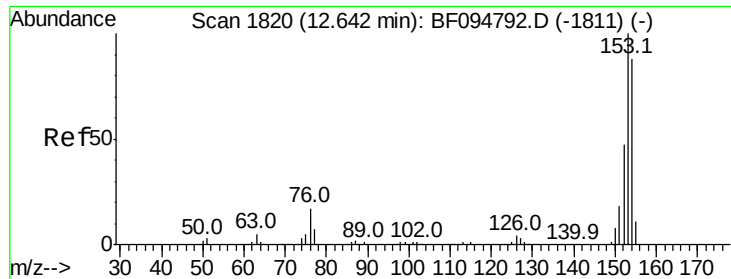
#49
Dimethylphthalate
Concen: 11.93 ng
RT: 12.24 min Scan# 1752
Delta R.T. -0.02 min
Lab File: BF095402.D
Acq: 24 May 2017 22:11

Tgt Ion:163 Resp: 113546
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 9.8 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: 3.26 ng

RT: 12.65 min Scan# 1822

Delta R.T. -0.02 min

Lab File: BF095402.D

Acq: 24 May 2017 22:11

Instrument :

BNA_F

ClientSampleId :

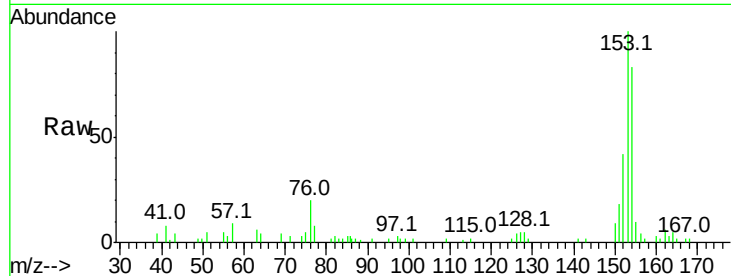
Tot Ion:154 Resp: 24069

Ion Ratio Lower Upper

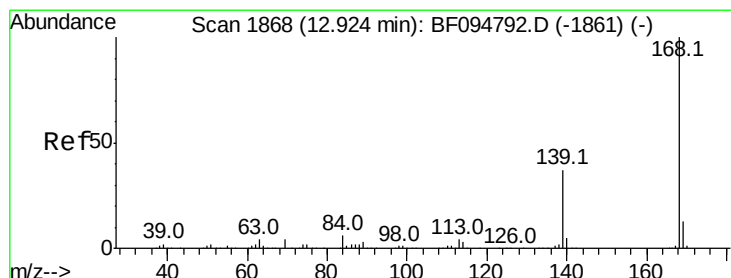
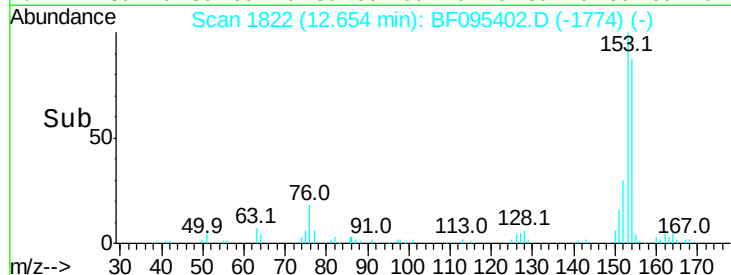
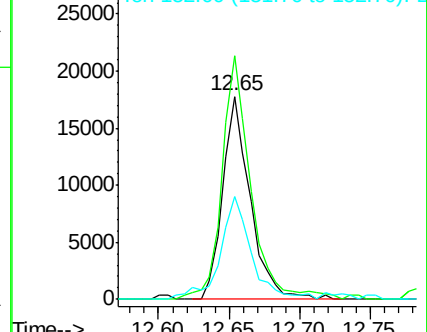
154 100

153 120.0 90.5 135.7

152 50.8 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: 3.09 ng

RT: 12.95 min Scan# 1873

Delta R.T. -0.01 min

Lab File: BF095402.D

Acq: 24 May 2017 22:11

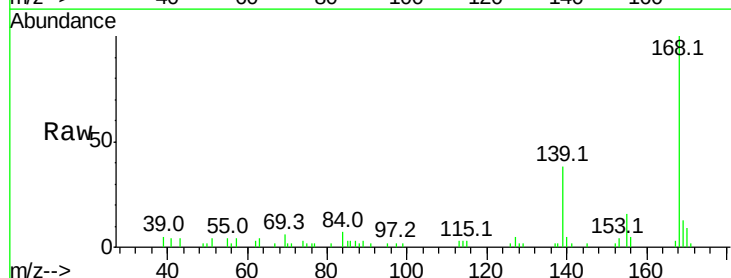
Tgt Ion:168 Resp: 31519

Ion Ratio Lower Upper

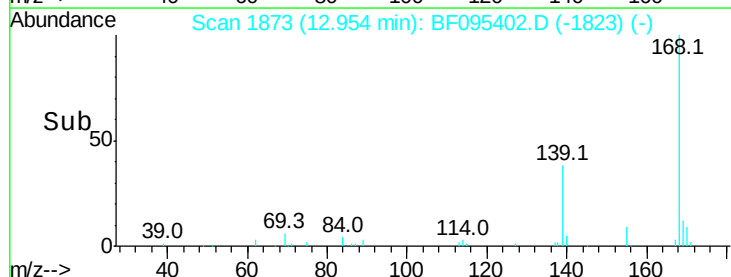
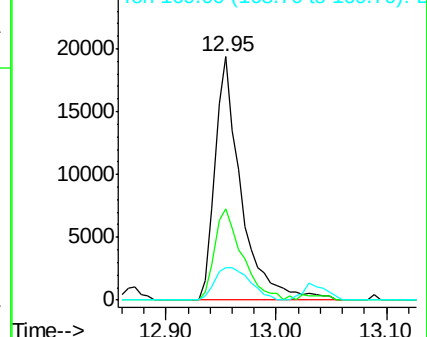
168 100

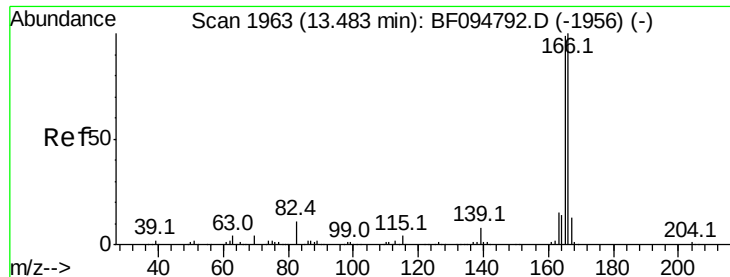
139 37.7 30.6 45.8

169 13.3 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



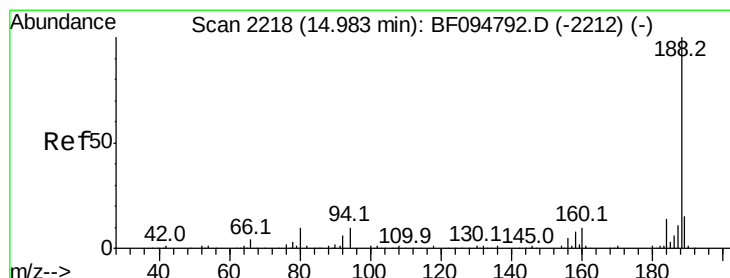
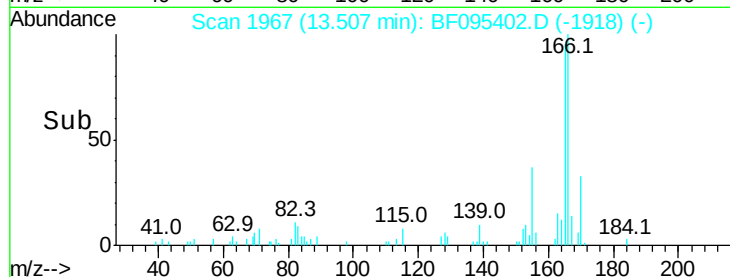
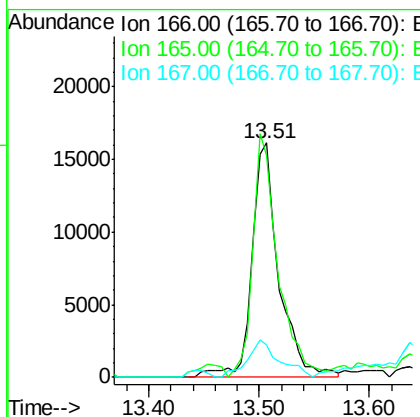
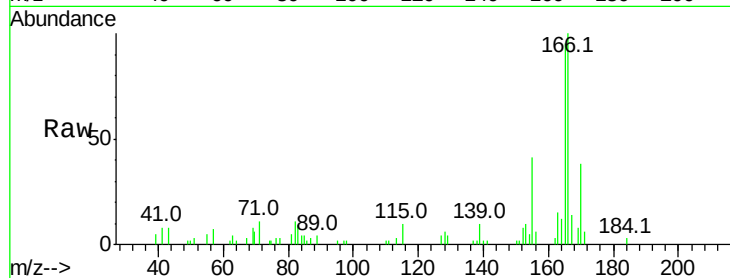


#57
Fluorene
 Concen: 3.12 ng
 RT: 13.51 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BF095402.D
 Acq: 24 May 2017 22:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 27715

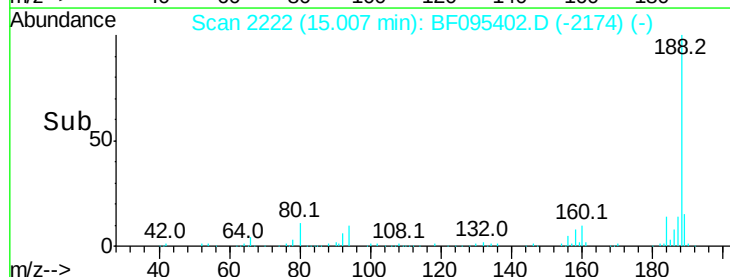
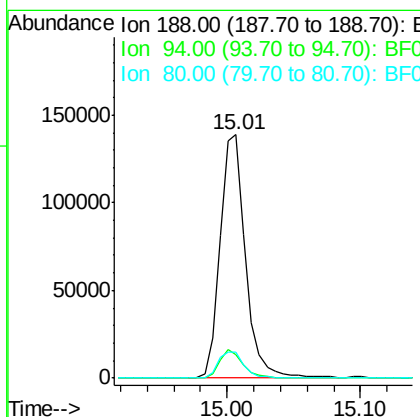
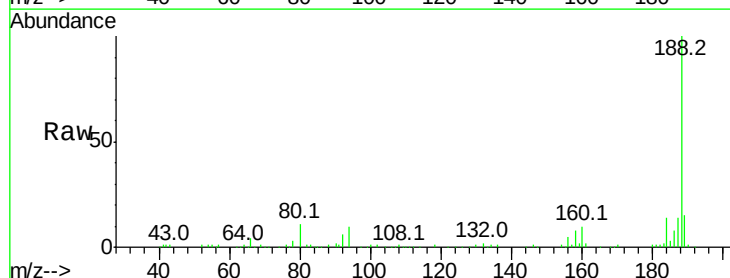
Ion	Ratio	Lower	Upper
166	100		
165	94.6	78.8	118.2
167	13.9	10.6	16.0

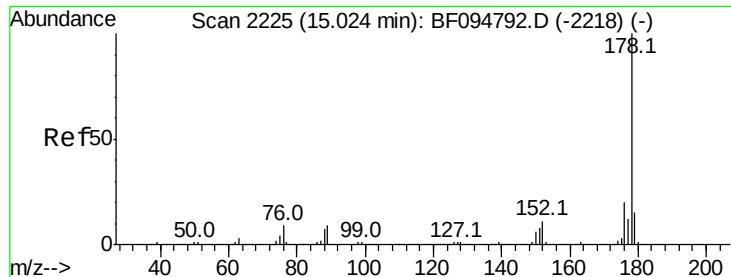


#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 2222
 Delta R.T. -0.02 min
 Lab File: BF095402.D
 Acq: 24 May 2017 22:11

Tgt Ion:188 Resp: 186254

Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.4	14.2
80	10.6	10.2	15.2





#70

Phenanthrene

Concen: 32.30 ng

RT: 15.04 min Scan# 2228

Delta R.T. -0.02 min

Lab File: BF095402.D

Acq: 24 May 2017 22:11

Instrument :

BNA_F

ClientSampleId :

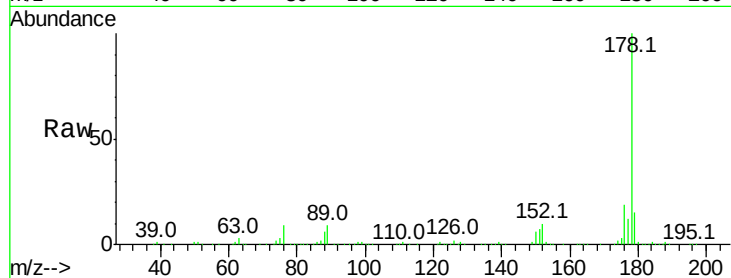
Tot Ion:178 Resp: 345616

Ion Ratio Lower Upper

178 100

176 18.6 16.2 24.4

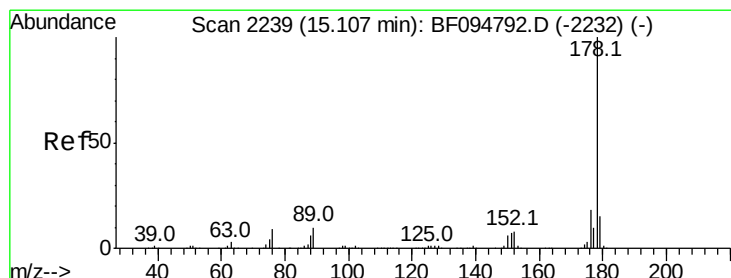
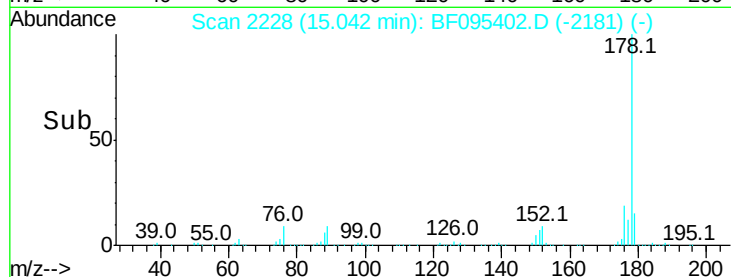
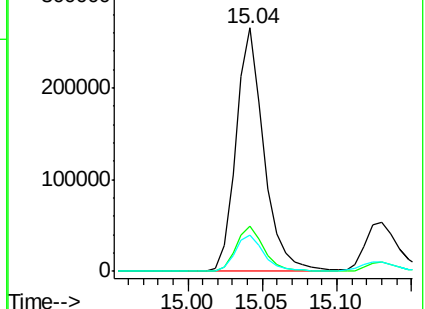
179 15.1 12.6 19.0



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: 7.38 ng

RT: 15.13 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BF095402.D

Acq: 24 May 2017 22:11

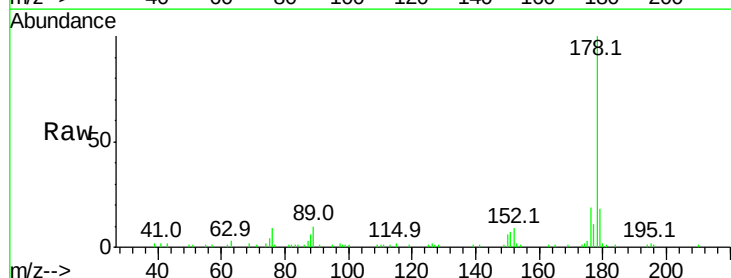
Tgt Ion:178 Resp: 80694

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

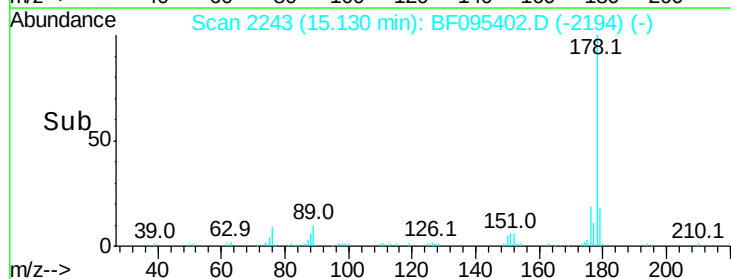
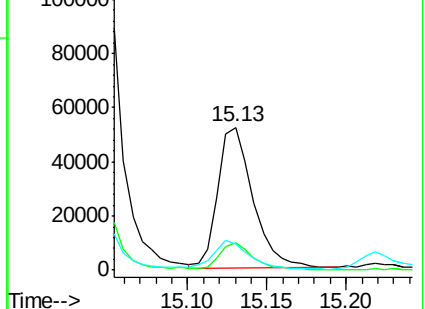
179 18.1 12.7 19.1

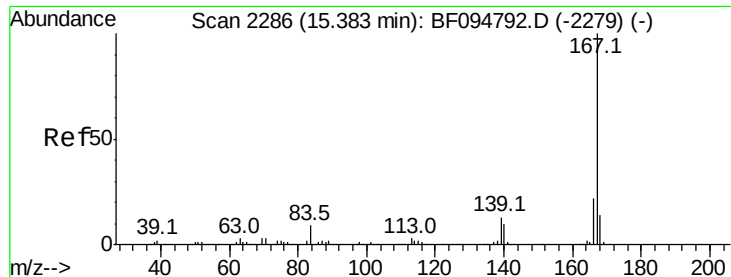


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 3.78 ng

RT: 15.42 min Scan# 2293

Delta R.T. 0.00 min

Lab File: BF095402.D

Acq: 24 May 2017 22:11

Instrument :

BNA_F

ClientSampleId :

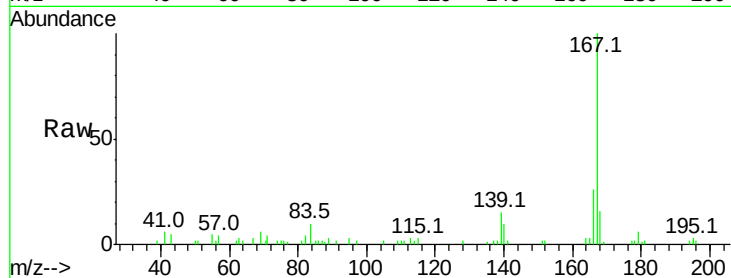
Tot Ion:167 Resp: 37590

Ion Ratio Lower Upper

167 100

166 26.2 18.1 27.1

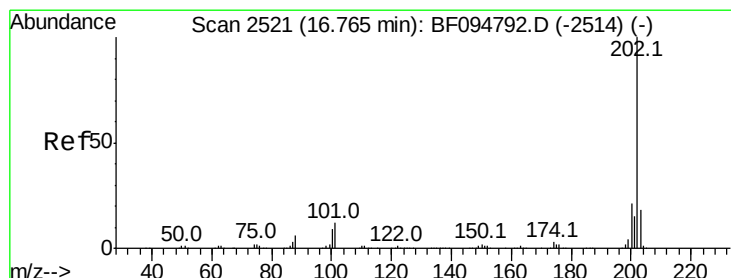
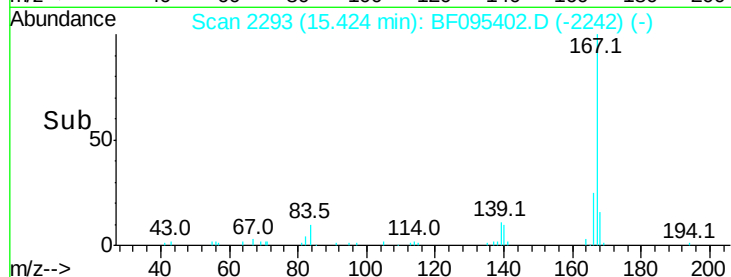
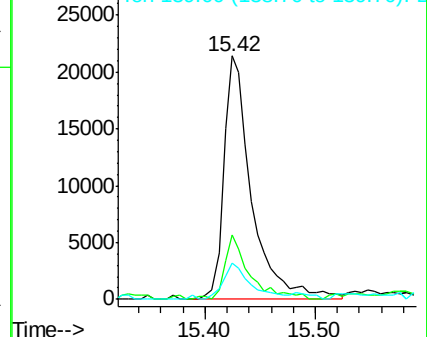
139 14.8 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 42.30 ng

RT: 16.78 min Scan# 2524

Delta R.T. -0.02 min

Lab File: BF095402.D

Acq: 24 May 2017 22:11

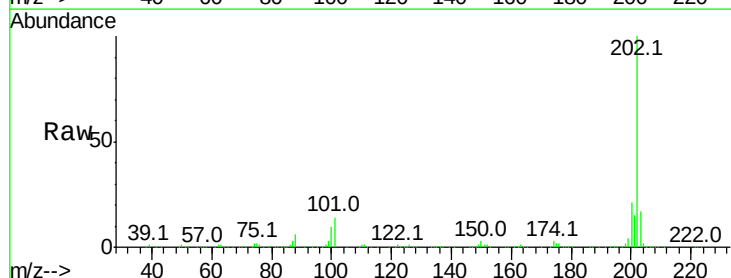
Tgt Ion:202 Resp: 464301

Ion Ratio Lower Upper

202 100

101 14.1 0.0 33.2

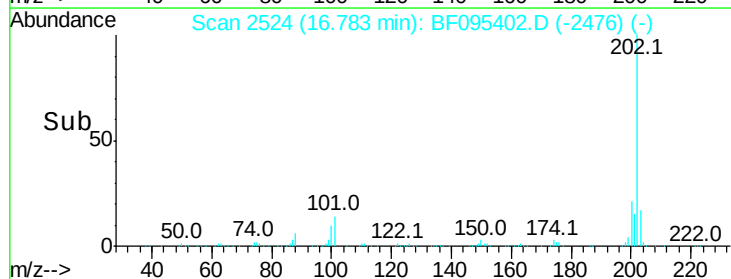
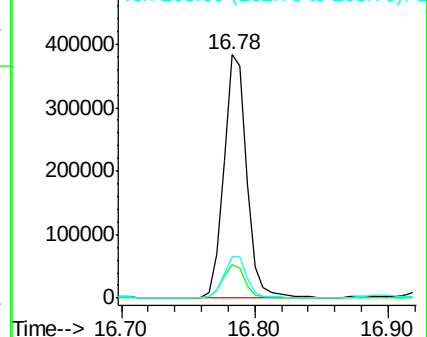
203 17.1 0.0 38.1

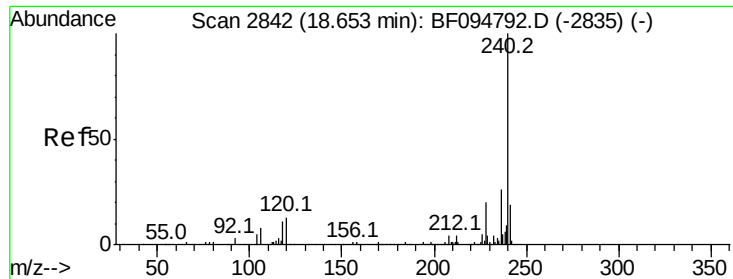


Abundance Ion 202.00 (201.70 to 202.70): E

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. -0.02 min

Lab File: BF095402.D

Acq: 24 May 2017 22:11

Instrument :

BNA_F

ClientSampleId :

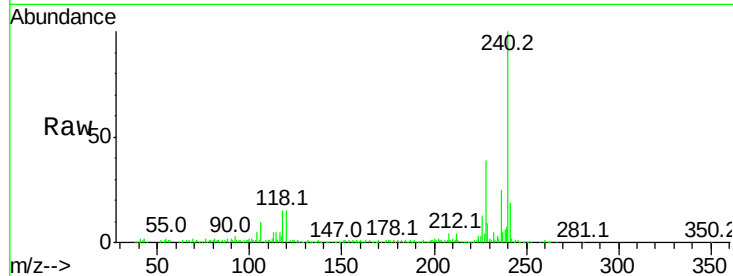
Tot Ion:240 Resp: 186238

Ion Ratio Lower Upper

240 100

120 15.1 5.8 8.8#

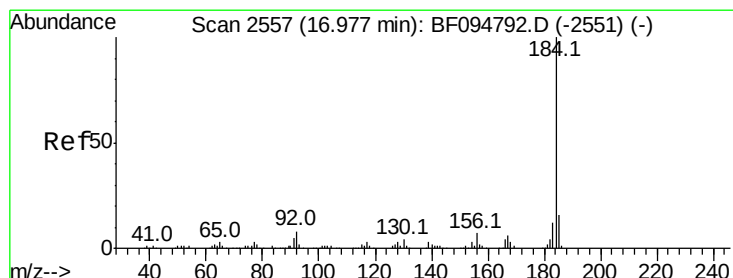
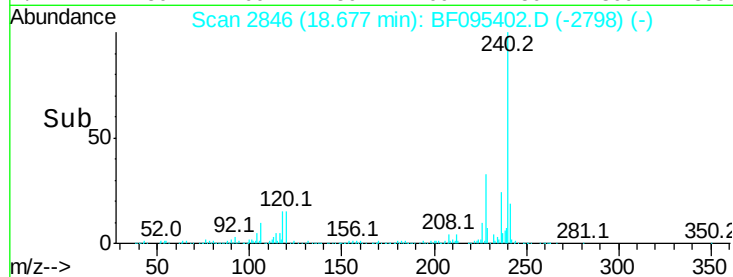
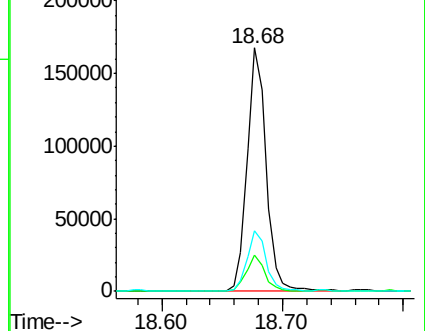
236 24.7 20.5 30.7



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: 6.67 ng

RT: 17.02 min Scan# 2565

Delta R.T. 0.01 min

Lab File: BF095402.D

Acq: 24 May 2017 22:11

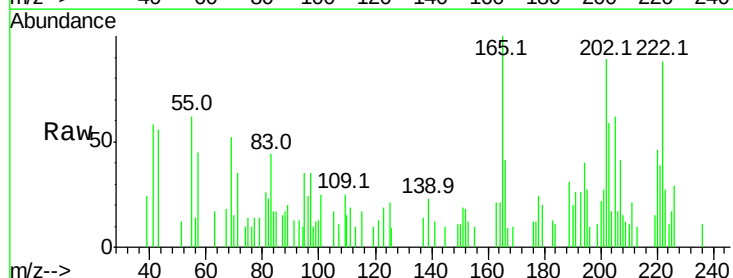
Tgt Ion:184 Resp: 490

Ion Ratio Lower Upper

184 100

185 0.0 15.5 23.3#

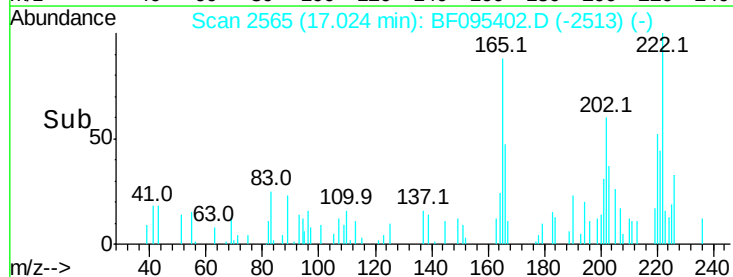
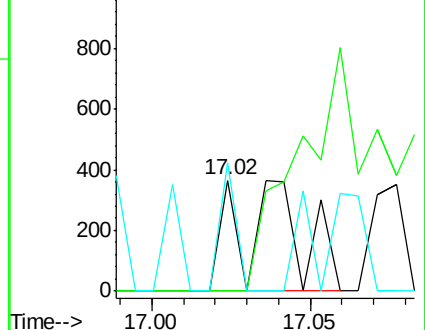
183 115.6 9.8 14.6#

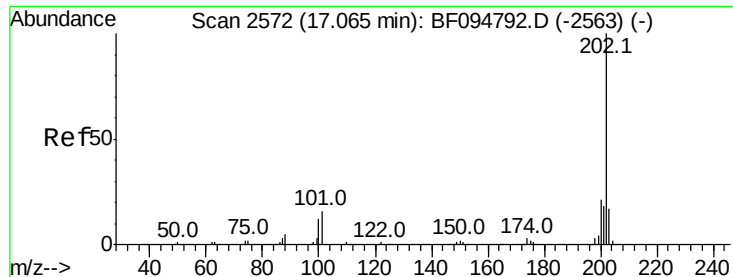


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 30.36 ng

RT: 17.09 min Scan# 2576

Delta R.T. -0.02 min

Lab File: BF095402.D

Acq: 24 May 2017 22:11

Instrument :

BNA_F

ClientSampled :

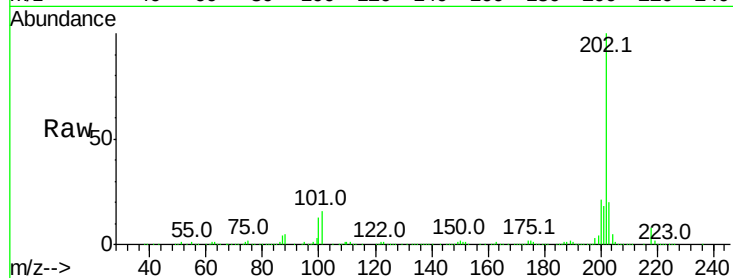
Tot Ion:202 Resp: 422931

Ion Ratio Lower Upper

202 100

200 21.2 17.6 26.4

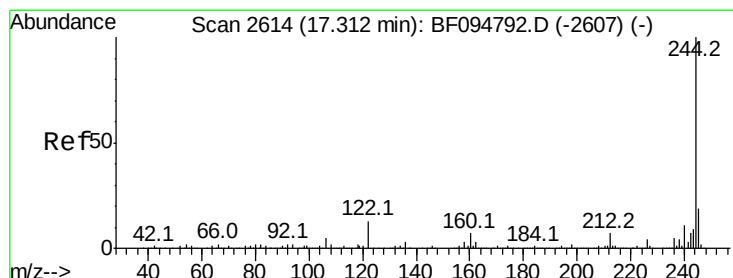
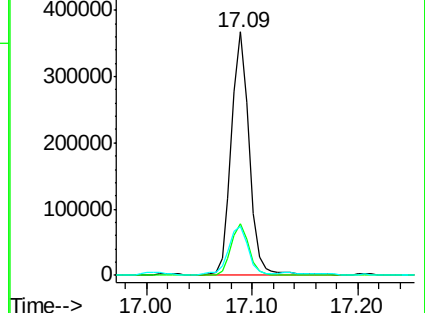
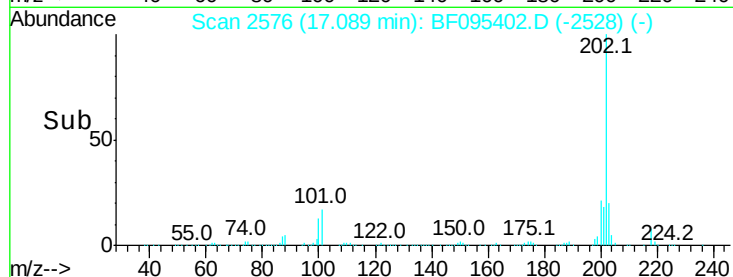
203 20.1 14.4 21.6



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: 56.15 ng

RT: 17.32 min Scan# 2616

Delta R.T. -0.02 min

Lab File: BF095402.D

Acq: 24 May 2017 22:11

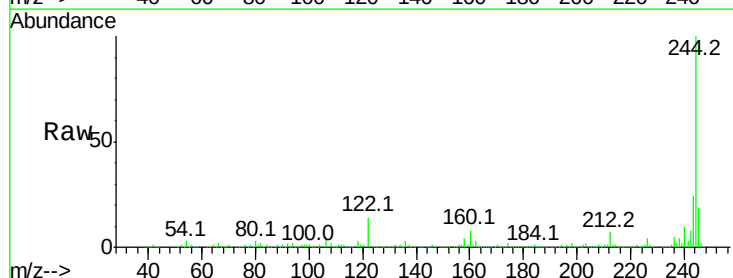
Tgt Ion:244 Resp: 474757

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

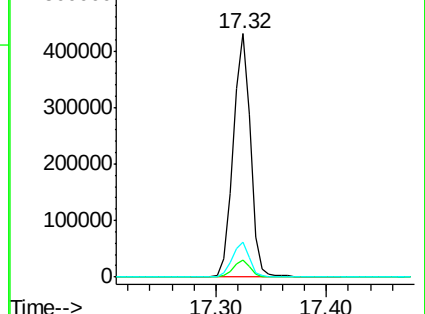
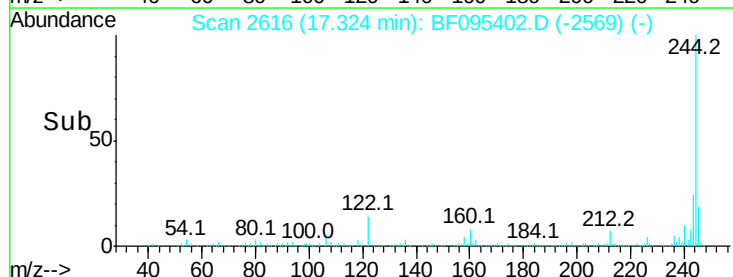
122 14.4 10.3 15.5

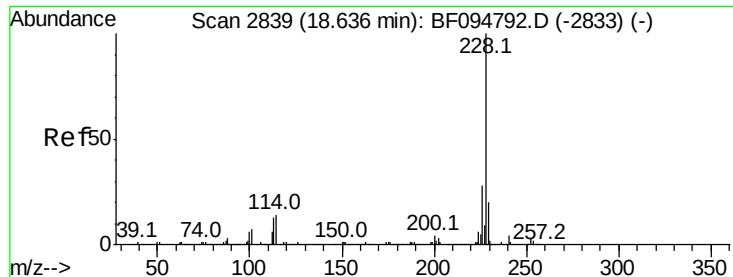


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

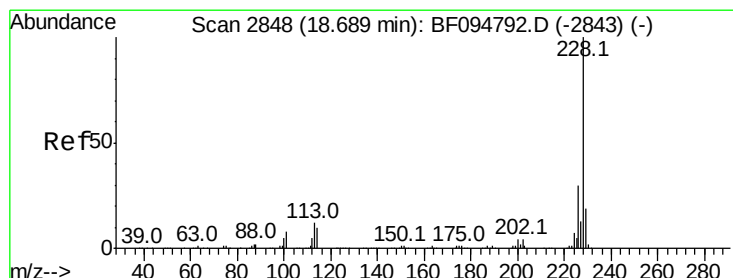
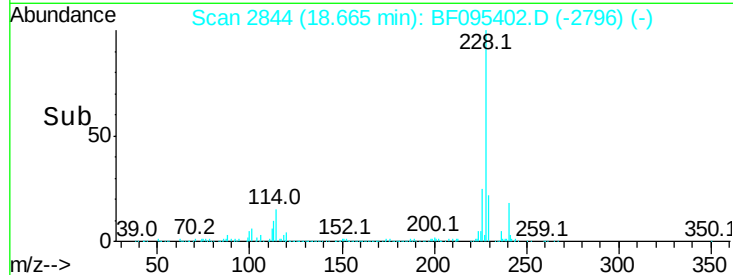
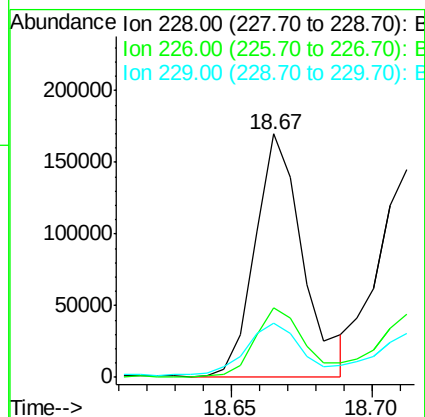
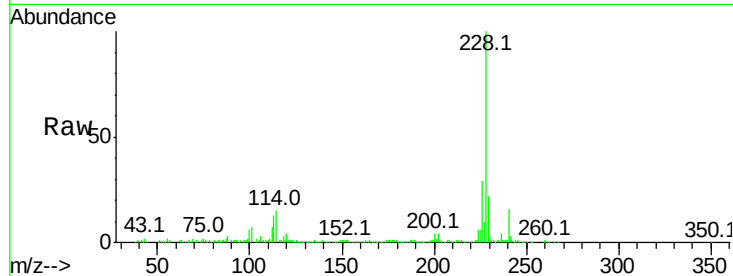




#80
Benzo(a)anthracene
Concen: 18.29 ng
RT: 18.67 min Scan# 2844
Delta R.T. -0.02 min
Lab File: BF095402.D
Acq: 24 May 2017 22:11

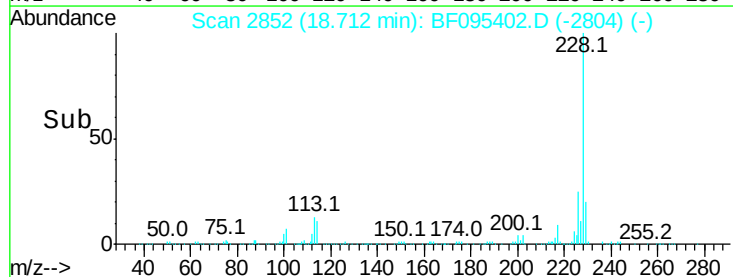
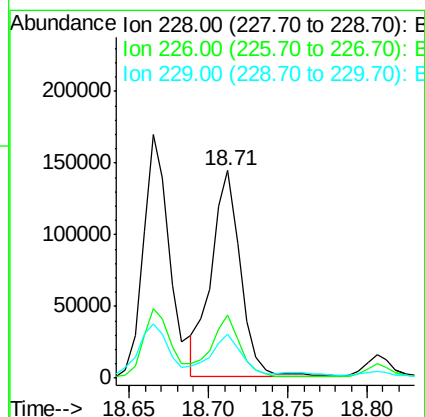
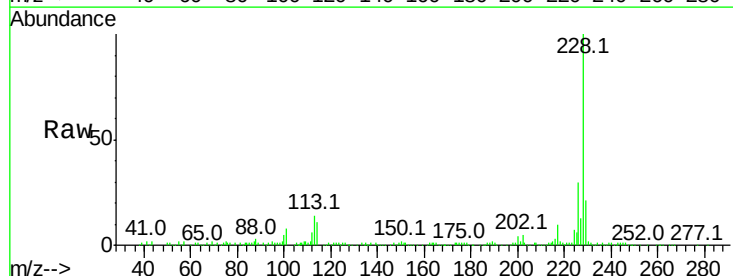
Instrument :
BNA_F
ClientSampleId :

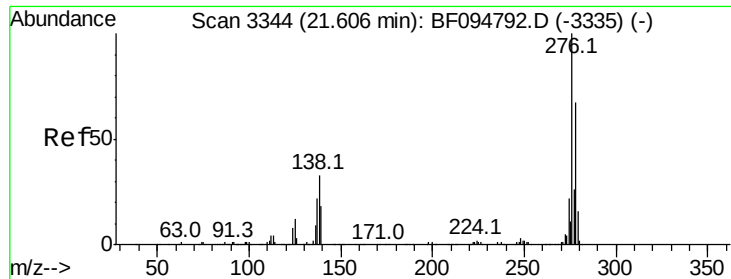
Tot Ion:228	Resp:	198293
Ion	Ratio	Lower Upper
228	100	
226	28.6	22.6 33.8
229	22.4	16.3 24.5



#82
Chrysene
Concen: 17.58 ng
RT: 18.71 min Scan# 2852
Delta R.T. -0.02 min
Lab File: BF095402.D
Acq: 24 May 2017 22:11

Tgt Ion:228	Resp:	184261
Ion	Ratio	Lower Upper
228	100	
226	30.1	24.9 37.3
229	20.9	15.8 23.6

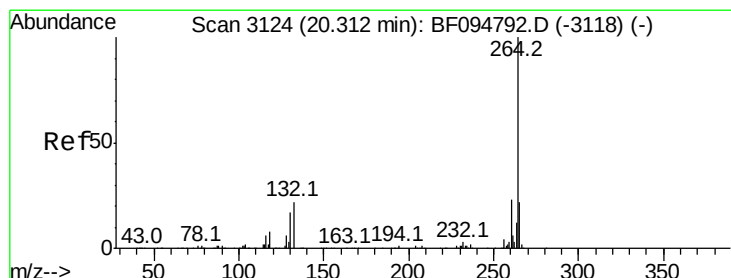
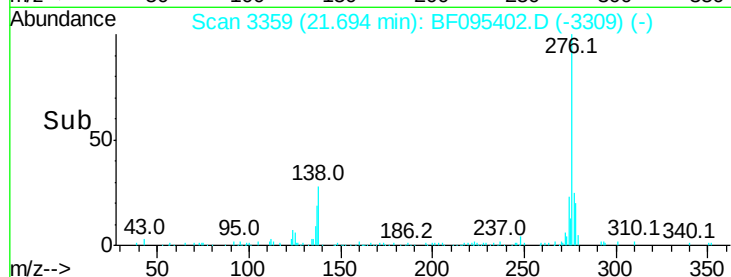
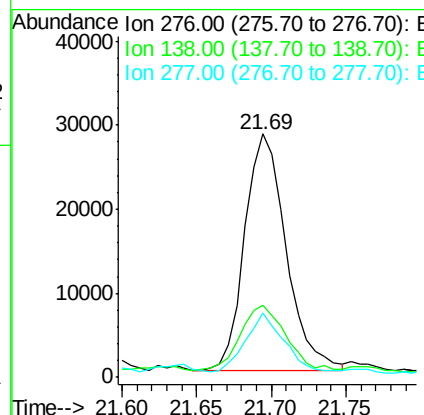
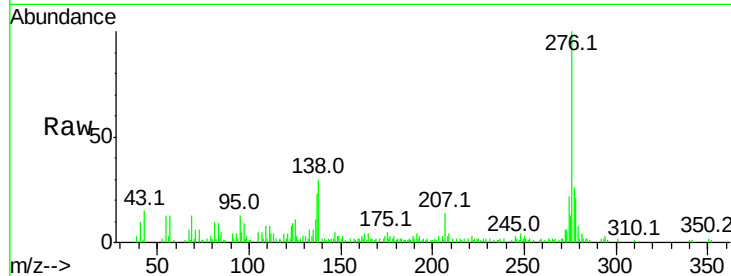




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 6.39 ng
 RT: 21.69 min Scan# 3359
 Delta R.T. -0.01 min
 Lab File: BF095402.D
 Acq: 24 May 2017 22:11

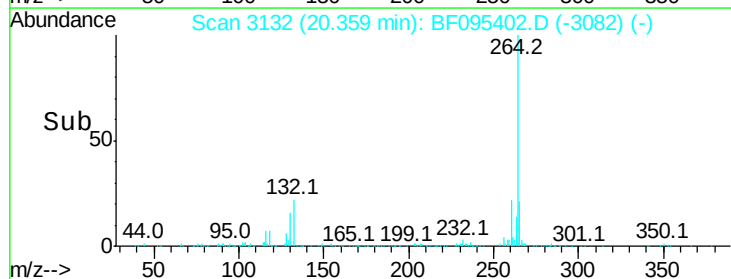
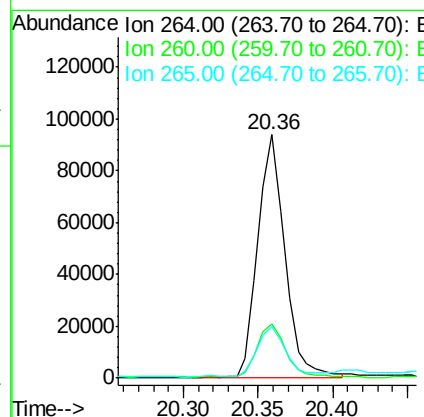
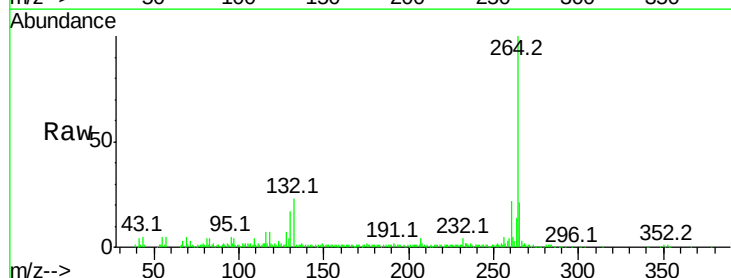
Instrument :
 BNA_F
 ClientSampleId :

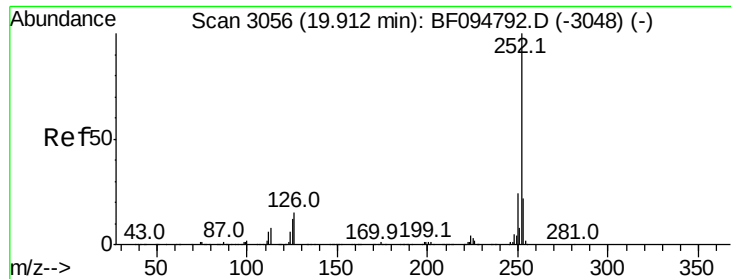
Tot Ion	Ratio	Lower	Upper
276	100		
138	32.0	27.8	41.6
277	24.4	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BF095402.D
 Acq: 24 May 2017 22:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.5	29.3
265	21.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 29.22 ng

RT: 19.95 min Scan# 3062

Delta R.T. -0.01 min

Lab File: BF095402.D

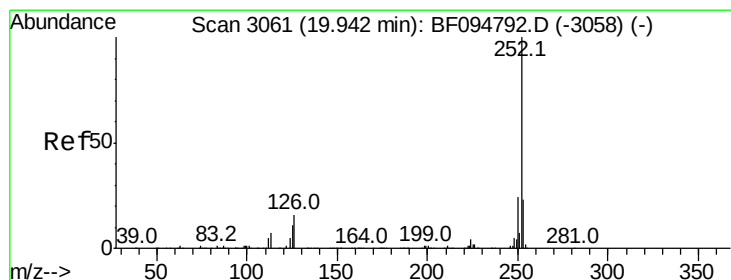
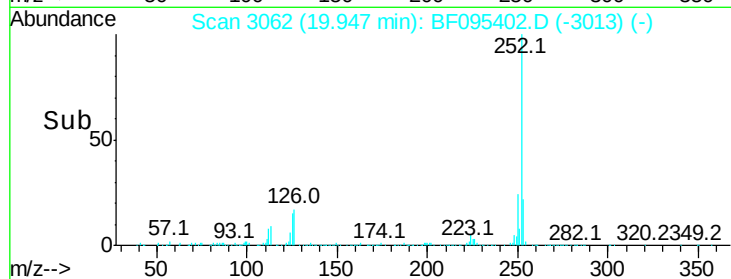
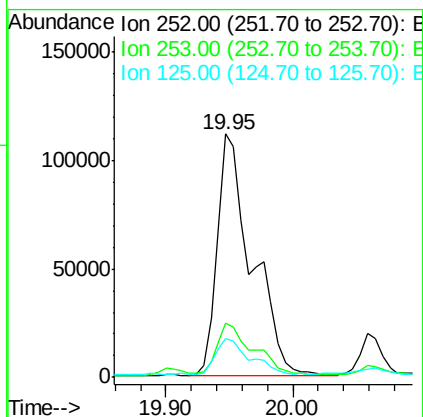
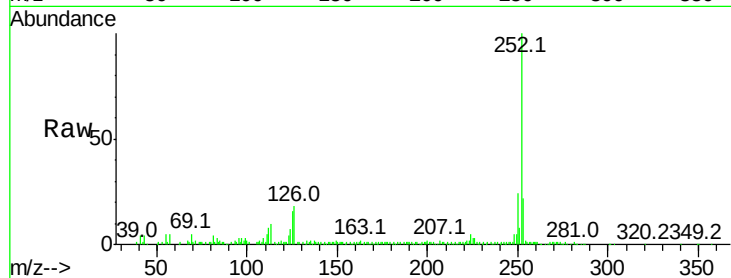
Acq: 24 May 2017 22:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	252	Resp:	213624
Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	15.8	9.8	14.8#



#88

Benzo(k)fluoranthene

Concen: 30.29 ng

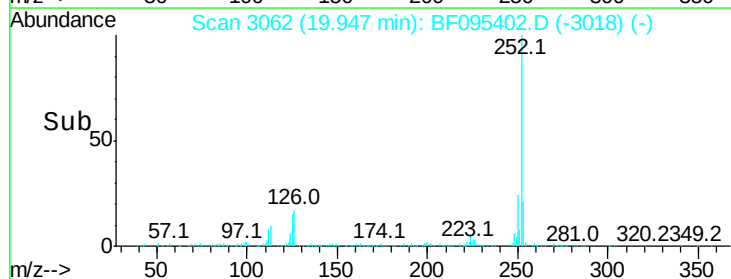
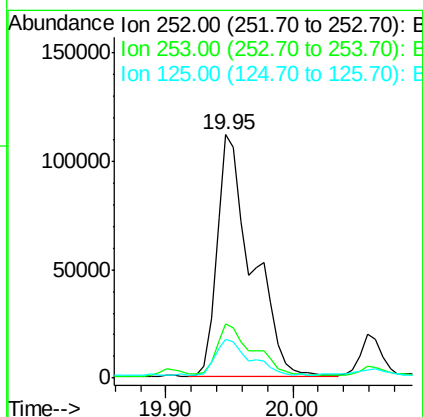
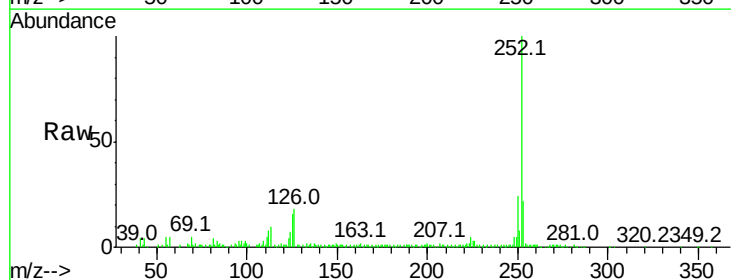
RT: 19.95 min Scan# 3062

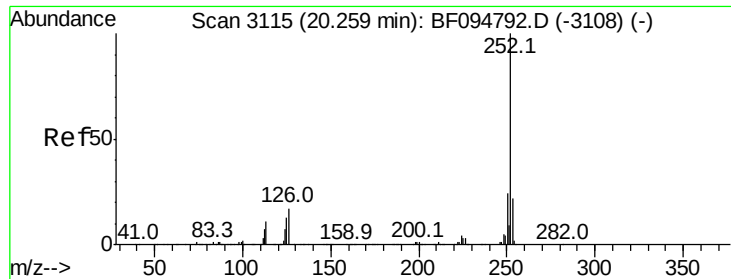
Delta R.T. -0.04 min

Lab File: BF095402.D

Acq: 24 May 2017 22:11

Tgt Ion:	252	Resp:	213624
Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	15.8	13.1	19.7





#89

Benzo(a)pyrene

Concen: 15.61 ng

RT: 20.30 min Scan# 3122

Delta R.T. -0.01 min

Lab File: BF095402.D

Acq: 24 May 2017 22:11

Instrument :

BNA_F

ClientSampled :

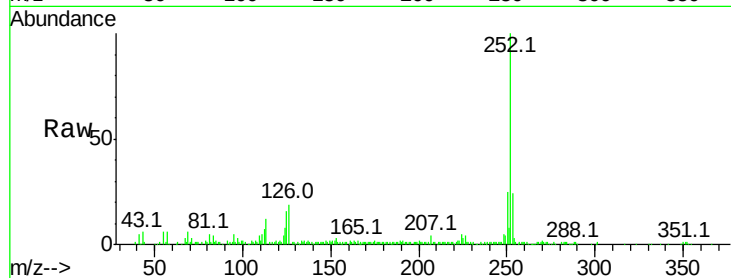
Tot Ion:252 Resp: 105343

Ion Ratio Lower Upper

252 100

253 24.0 17.5 26.3

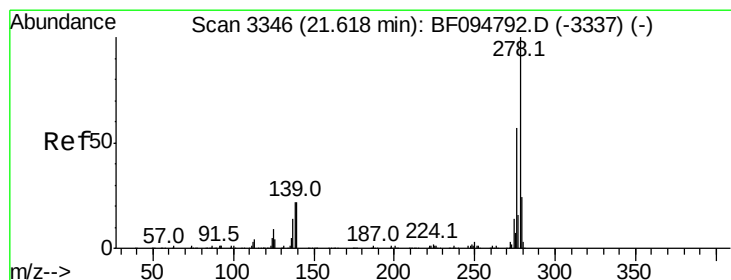
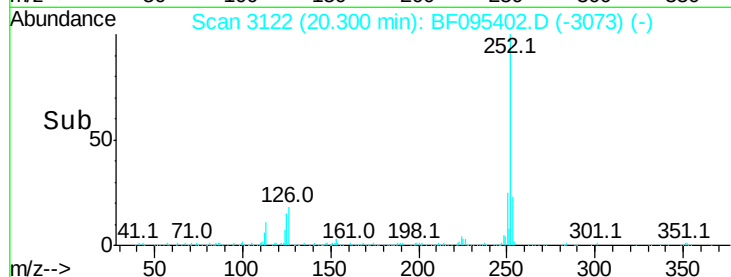
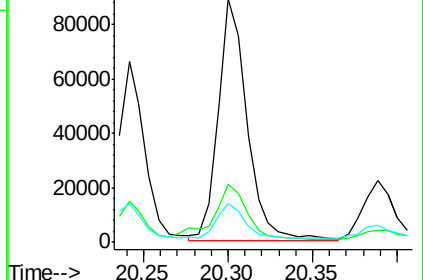
125 15.9 11.0 16.4



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: 2.92 ng

RT: 21.69 min Scan# 3358

Delta R.T. -0.01 min

Lab File: BF095402.D

Acq: 24 May 2017 22:11

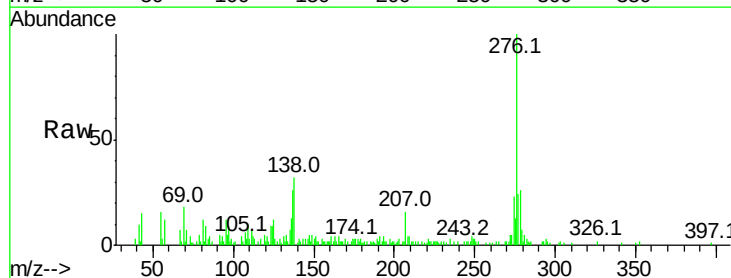
Tgt Ion:278 Resp: 16243

Ion Ratio Lower Upper

278 100

139 0.0 16.6 24.8#

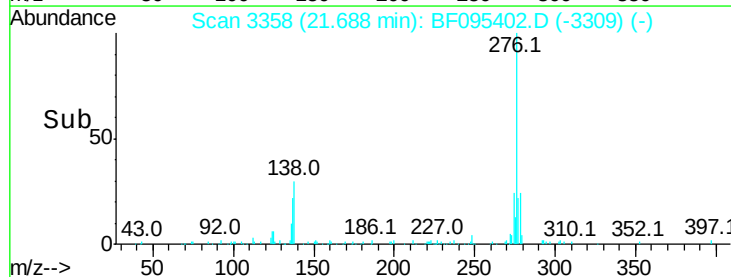
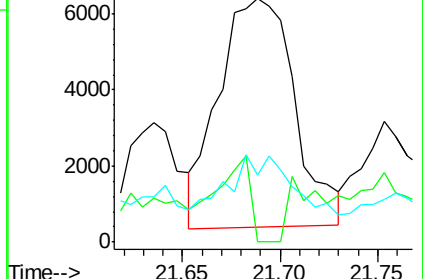
279 27.4 19.3 28.9

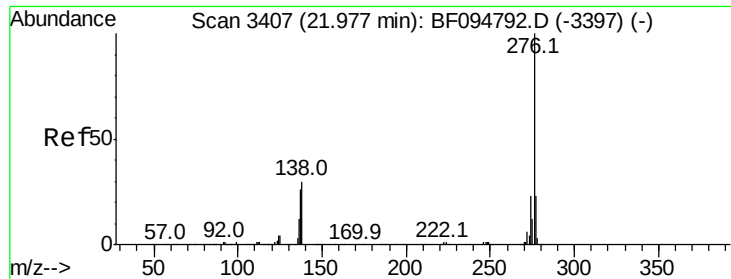


Abundance Ion 278.00 (277.70 to 278.70): E

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: 9.69 ng

RT: 22.08 min Scan# 3425

Delta R.T. 0.00 min

Lab File: BF095402.D

Acq: 24 May 2017 22:11

Instrument :

BNA_F

ClientSampleId :

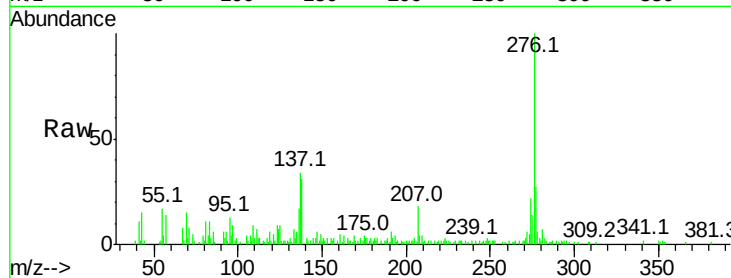
Tot Ion:276 Resp: 52995

Ion Ratio Lower Upper

276 100

277 26.5 18.6 28.0

138 31.5 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

