

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020217\
 Data File : BF092778.D
 Acq On : 3 Feb 2017 14:19
 Operator : SJ/MA
 Sample : I1378-08
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-9

Quant Time: Feb 03 15:04:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	153731	20.00	ng	-0.03
21) Naphthalene-d8	8.22	136	551849	20.00	ng	-0.03
38) Acenaphthene-d10	9.98	164	263105	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	244711	20.00	ng	-0.01
75) Chrysene-d12	14.18	240	135476	20.00	ng	0.03
86) Perylene-d12	15.67	264	296687	20.00	ng	0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	918453	102.50	ng	-0.03
7) Phenol-d6	6.58	99	1200850	104.16	ng	-0.02
23) Nitrobenzene-d5	7.50	82	733426	74.01	ng	-0.03
41) 2,4,6-Tribromophenol	10.77	330	153015	80.41	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	1059857	72.98	ng	-0.03
78) Terphenyl-d14	13.07	244	846535	146.82	ng	-0.01

Target Compounds

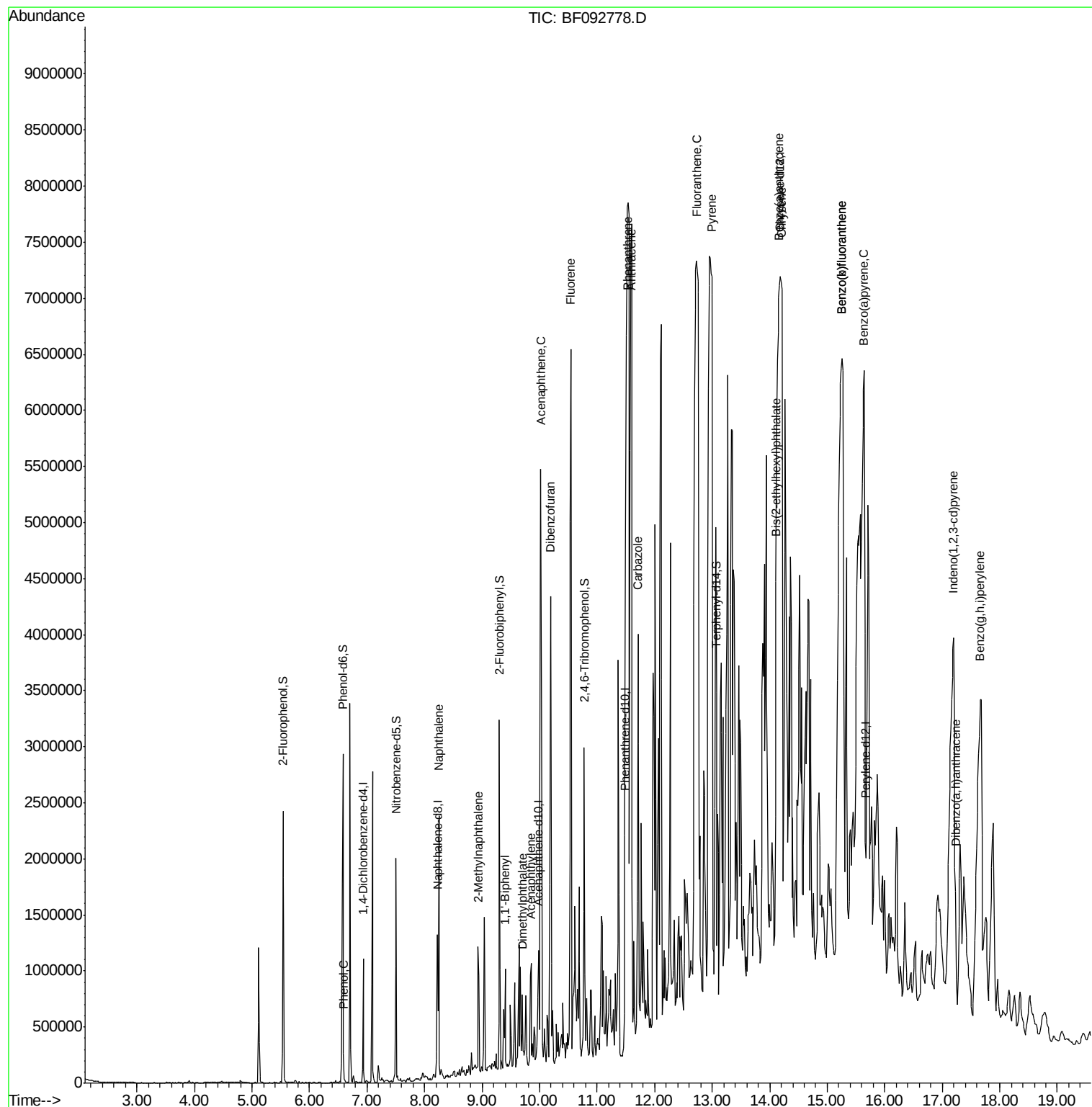
						Qvalue
10) Phenol	6.59	94	67021	4.97	ng	# 64
31) Naphthalene	8.25	128	950754	33.99	ng	99
37) 2-Methylnaphthalene	8.93	142	443970	24.72	ng	99
45) 1,1'-Biphenyl	9.40	154	262647	13.79	ng	98
48) Acenaphthylene	9.85	152	538837	20.93	ng	98
49) Dimethylphthalate	9.70	163	154387	8.71	ng	100
51) Acenaphthene	10.02	154	1836116	119.28	ng	95
54) Dibenzofuran	10.19	168	1973468	95.85	ng	97
57) Fluorene	10.54	166	2815431	177.74	ng	98
70) Phenanthrene	11.54	178	12305457	877.71	ng	99
71) Anthracene	11.60	178	6026807m	428.06	ng	
72) Carbazole	11.71	167	2179054	161.91	ng	100
74) Fluoranthene	12.73	202	14866692	1028.02	ng	95
77) Pyrene	12.99	202	12508345	1233.74	ng	96
80) Benzo(a)anthracene	14.17	228	10390804m	1254.03	ng	
82) Chrysene	14.20	228	4572892m	589.44	ng	
83) Bis(2-ethylhexyl)phthalate	14.11	149	37122m	6.59	ng	
85) Indeno(1,2,3-cd)pyrene	17.20	276	5918432	984.90	ng	98
87) Benzo(b)fluoranthene	15.25	252	10610910m	543.37	ng	
88) Benzo(k)fluoranthene	15.25	252	3028530m	179.62	ng	
89) Benzo(a)pyrene	15.63	252	6749317	399.56	ng	97
90) Dibenzo(a,h)anthracene	17.23	278	599225m	43.89	ng	
91) Benzo(g,h,i)perylene	17.65	276	5802010	420.69	ng	# 90

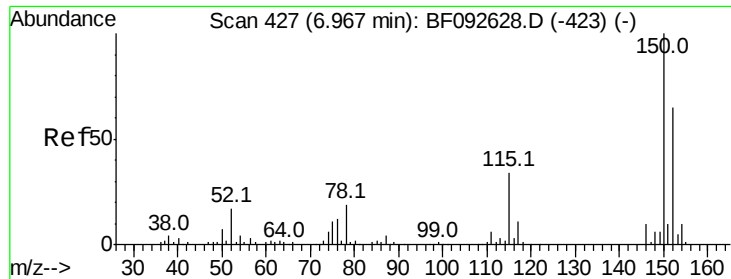
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.03 min

Lab File: BF092778.D

Acq: 3 Feb 2017 14:19

Instrument :

BNA_F

ClientSampleId :

RVE-9

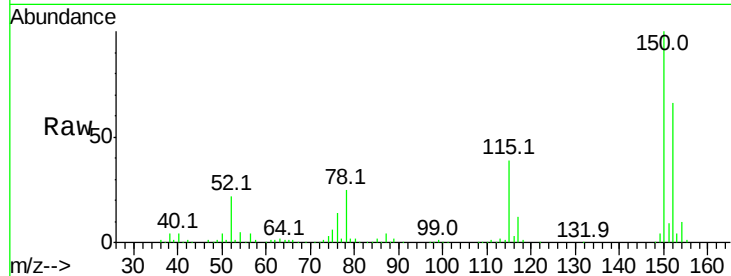
Tot Ion:152 Resp: 153731

Ion Ratio Lower Upper

152 100

150 152.6 124.9 187.3

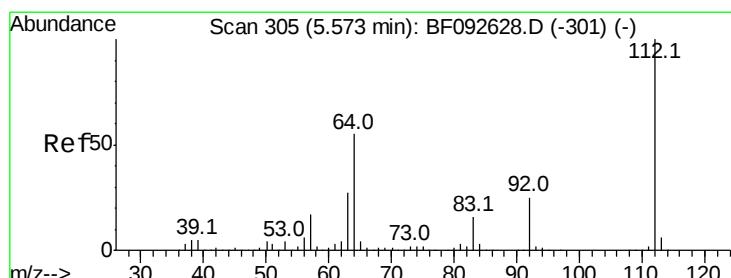
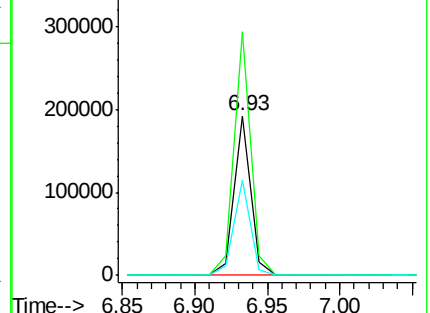
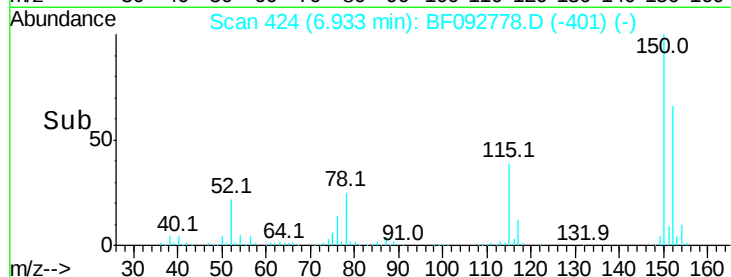
115 59.8 46.0 69.0



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: 102.50 ng

RT: 5.54 min Scan# 302

Delta R.T. -0.03 min

Lab File: BF092778.D

Acq: 3 Feb 2017 14:19

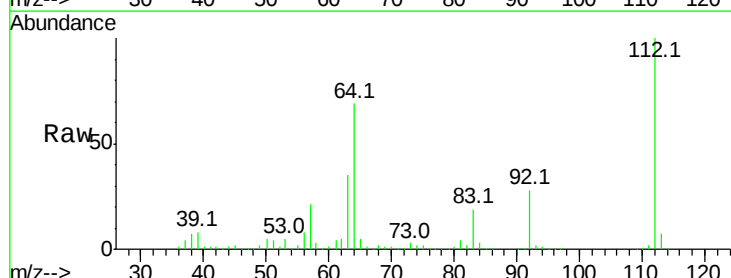
Tgt Ion:112 Resp: 918453

Ion Ratio Lower Upper

112 100

64 69.2 46.1 69.1#

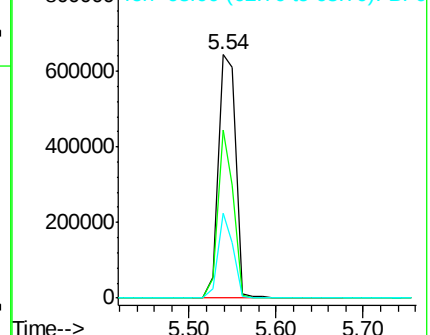
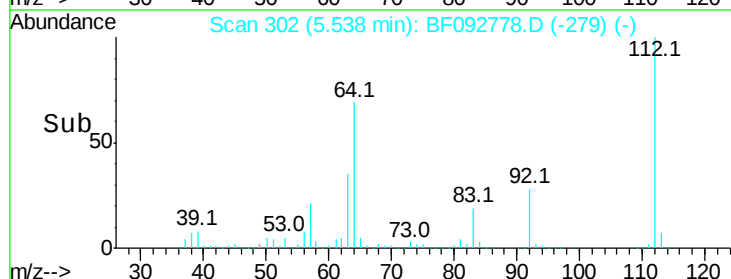
63 34.8 23.8 35.6

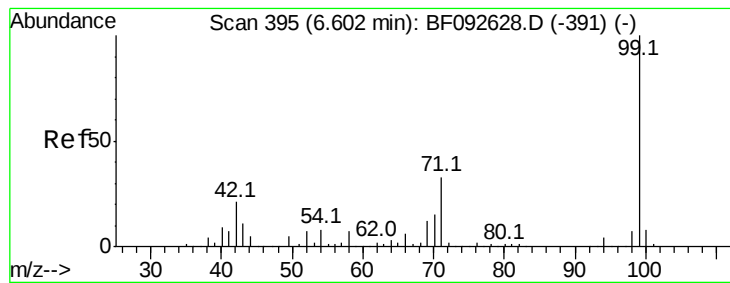


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 104.16 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF092778.D

Acq: 3 Feb 2017 14:19

Instrument :

BNA_F

ClientSampleId :

RVE-9

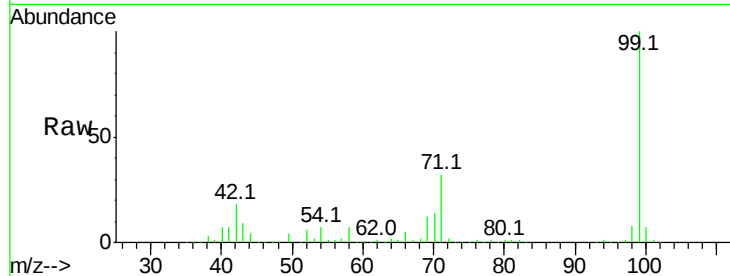
Tot Ion: 99 Resp: 1200850

Ion Ratio Lower Upper

99 100

42 18.3 15.6 23.4

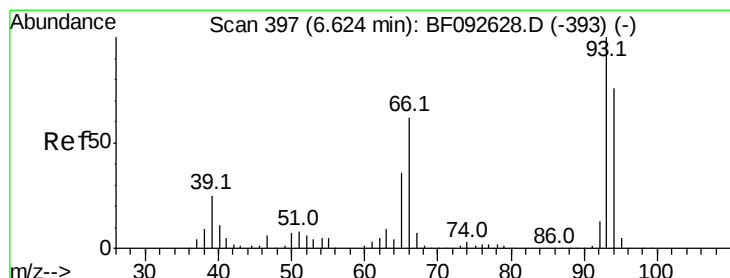
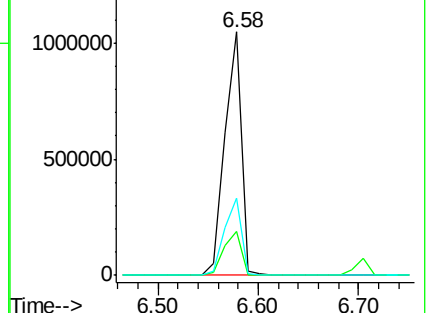
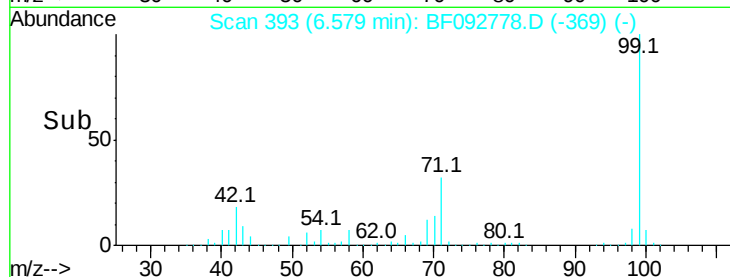
71 31.8 27.5 41.3



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: 4.97 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.03 min

Lab File: BF092778.D

Acq: 3 Feb 2017 14:19

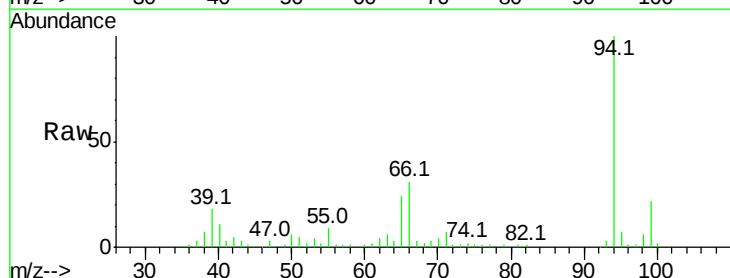
Tgt Ion: 94 Resp: 67021

Ion Ratio Lower Upper

94 100

65 23.7 21.4 61.4

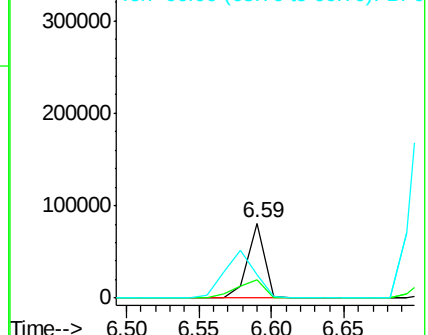
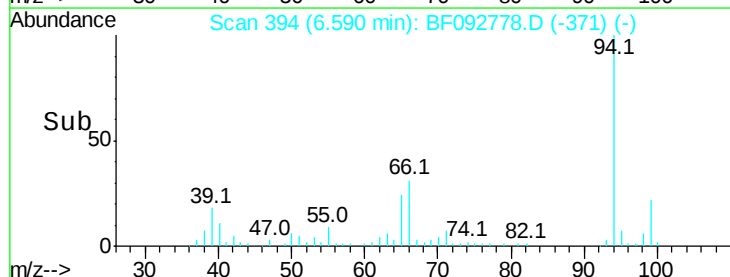
66 31.3 44.0 84.0#

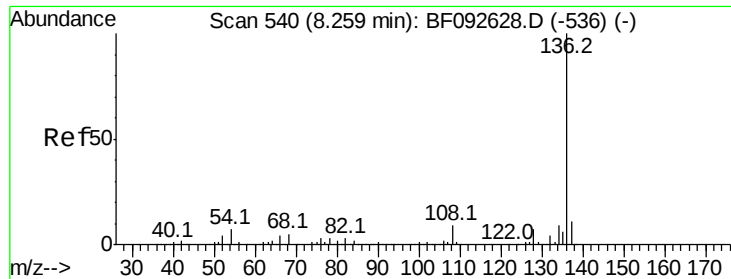


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

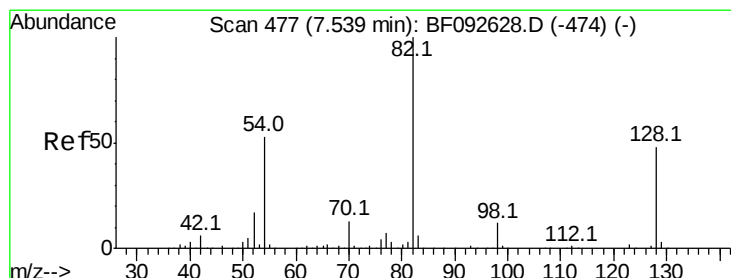
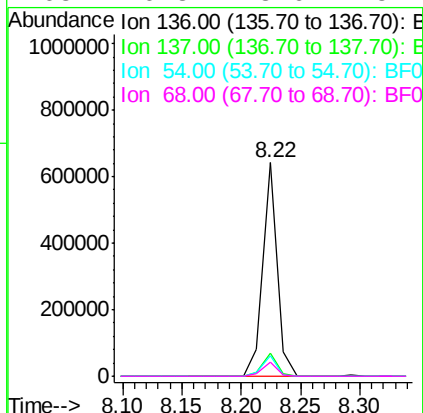
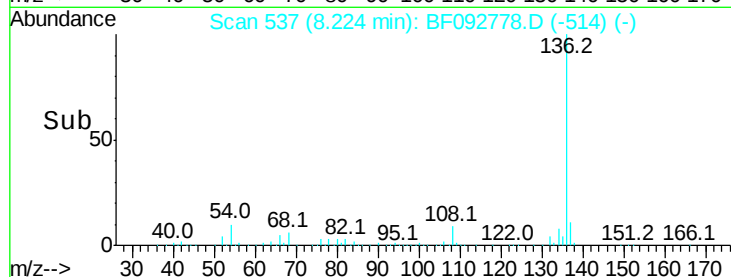
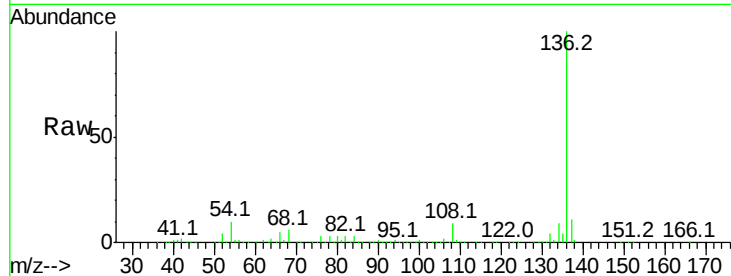




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF092778.D
Acq: 3 Feb 2017 14:19

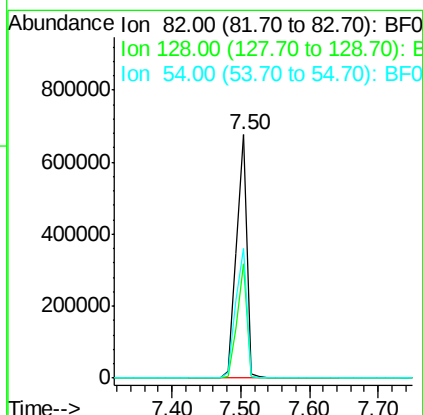
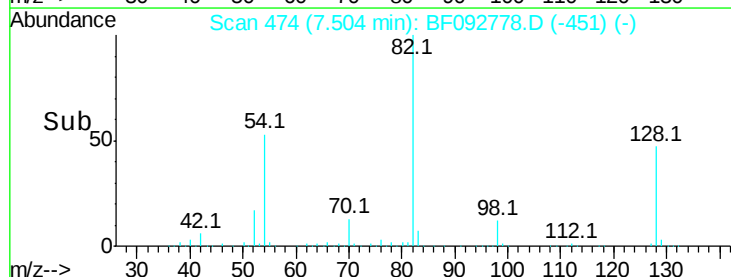
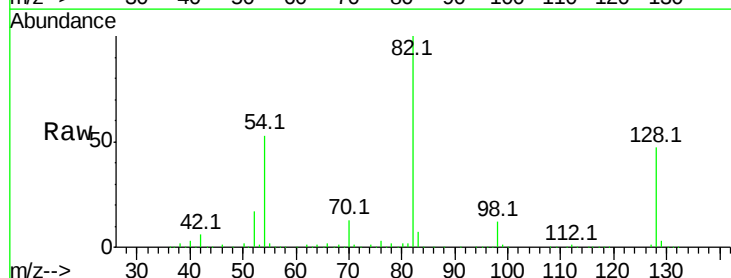
Instrument :
BNA_F
ClientSampleId :
RVE-9

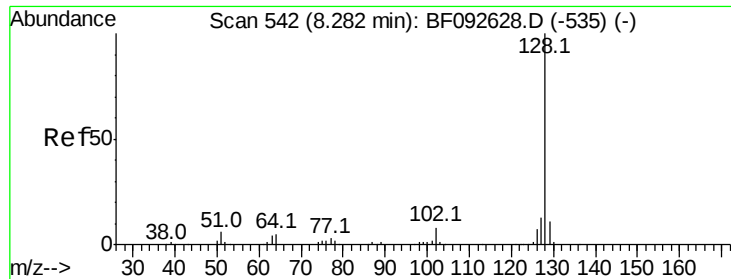
Tot Ion:	136	Resp:	551849
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	9.6	4.5	6.7#
68	6.3	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 74.01 ng
RT: 7.50 min Scan# 474
Delta R.T. -0.03 min
Lab File: BF092778.D
Acq: 3 Feb 2017 14:19

Tgt Ion:	82	Resp:	733426
Ion	Ratio	Lower	Upper
82	100		
128	47.1	34.6	52.0
54	53.4	39.5	59.3

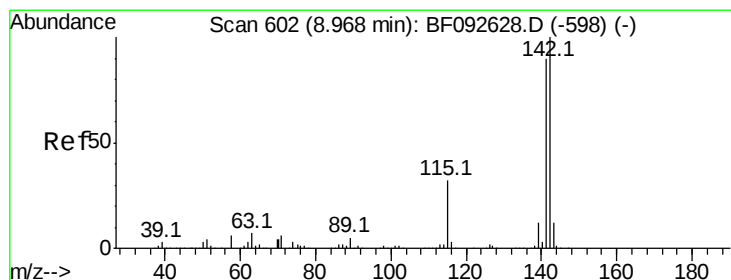
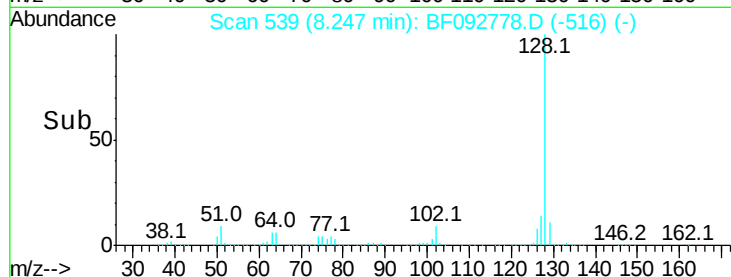
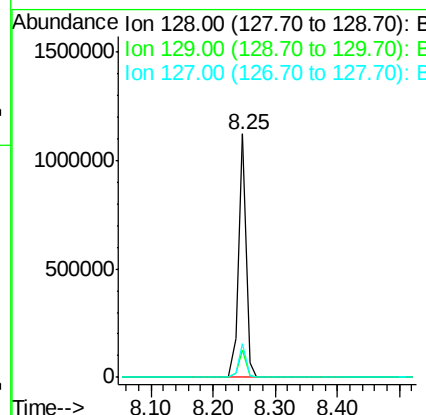
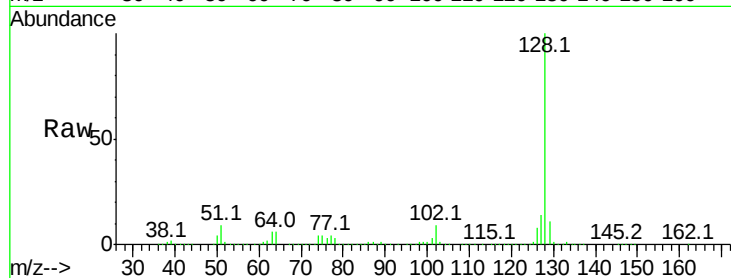




#31
Naphthalene
Concen: 33.99 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.03 min
Lab File: BF092778.D
Acq: 3 Feb 2017 14:19

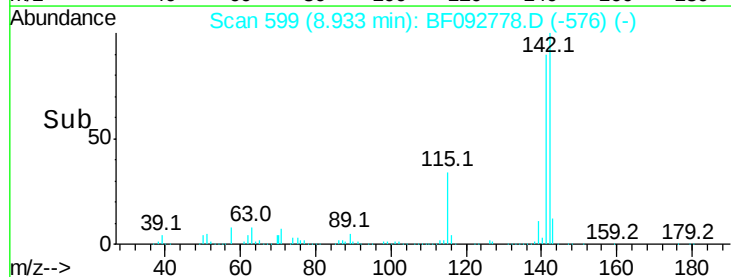
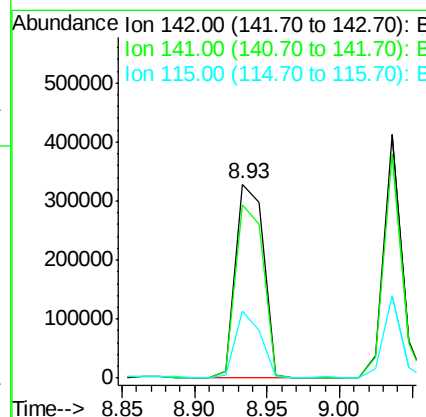
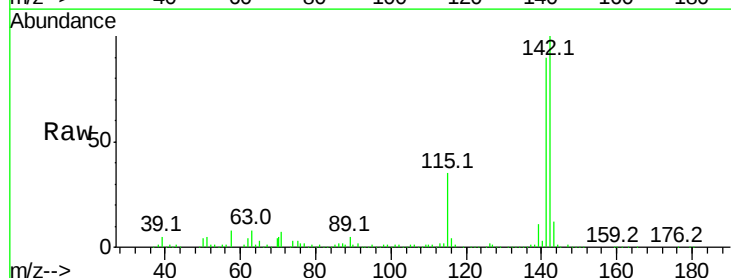
Instrument :
BNA_F
ClientSampleId :
RVE-9

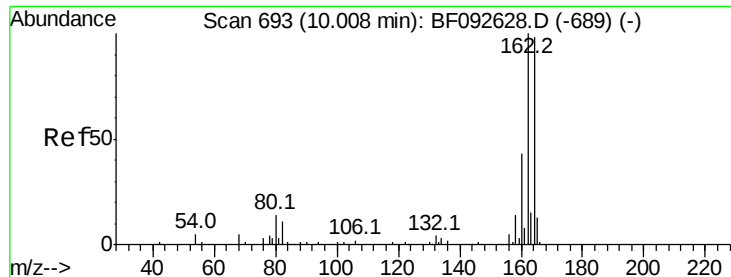
Tot Ion:128 Resp: 950754
Ion Ratio Lower Upper
128 100
129 11.3 9.5 14.3
127 13.7 10.8 16.2



#37
2-Methylnaphthalene
Concen: 24.72 ng
RT: 8.93 min Scan# 599
Delta R.T. -0.03 min
Lab File: BF092778.D
Acq: 3 Feb 2017 14:19

Tgt Ion:142 Resp: 443970
Ion Ratio Lower Upper
142 100
141 89.5 71.0 106.6
115 34.8 28.3 42.5

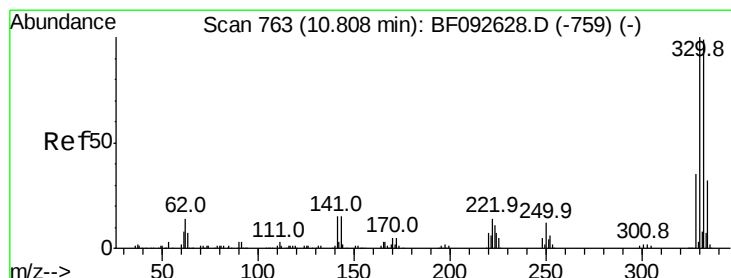
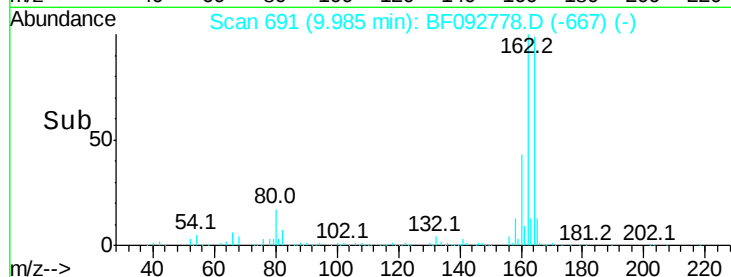
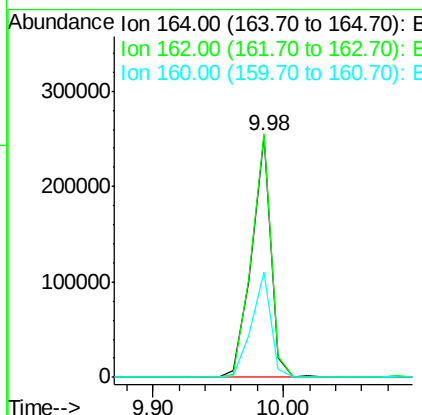
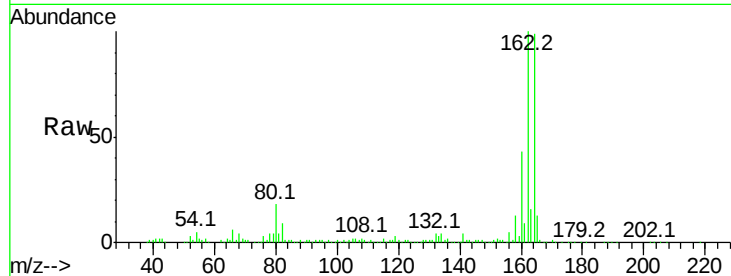




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 691
 Delta R.T. -0.02 min
 Lab File: BF092778.D
 Acq: 3 Feb 2017 14:19

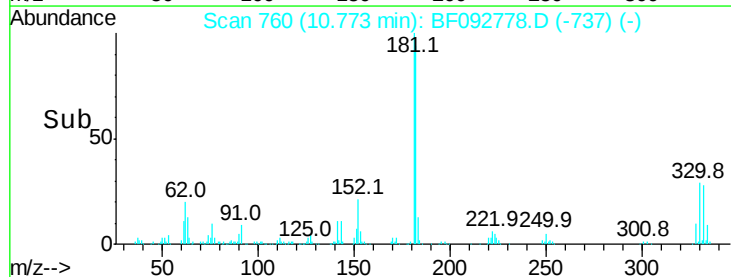
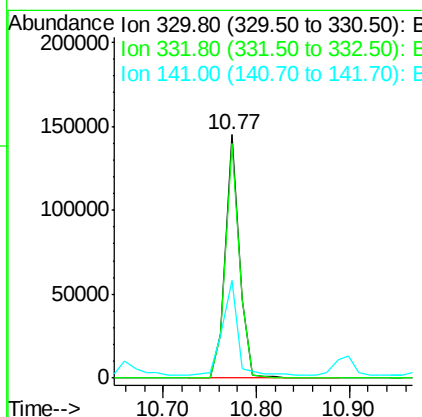
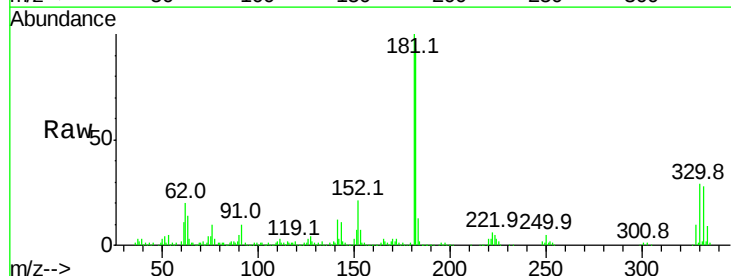
Instrument :
 BNA_F
 ClientSampleId :
 RVE-9

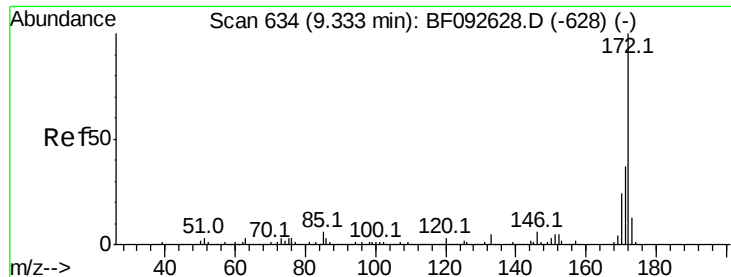
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.2	120.2
160	43.8	36.9	55.3



#41
 2,4,6-Tribromophenol
 Concen: 80.41 ng
 RT: 10.77 min Scan# 760
 Delta R.T. -0.03 min
 Lab File: BF092778.D
 Acq: 3 Feb 2017 14:19

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.2
141	40.8	34.1	51.1





#44

2-Fluorobiphenyl

Concen: 72.98 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.03 min

Lab File: BF092778.D

Acq: 3 Feb 2017 14:19

Instrument :

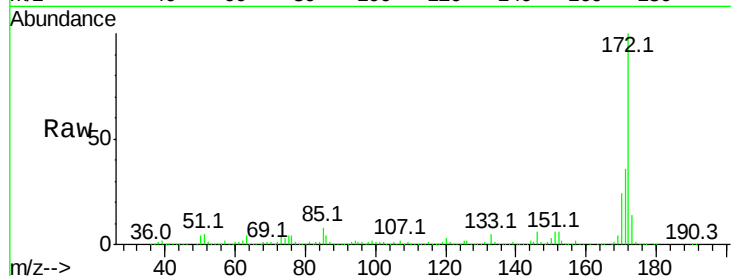
BNA_F

ClientSampled :

RVE-9

Tot Ion:172 Resp: 1059857

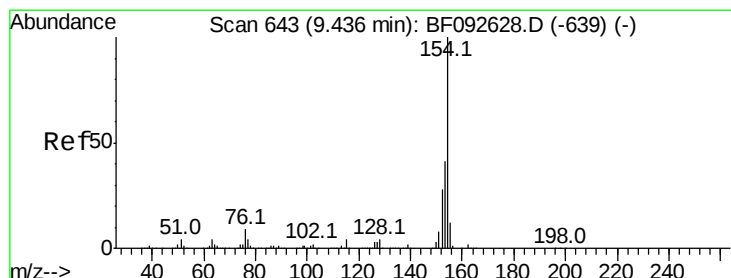
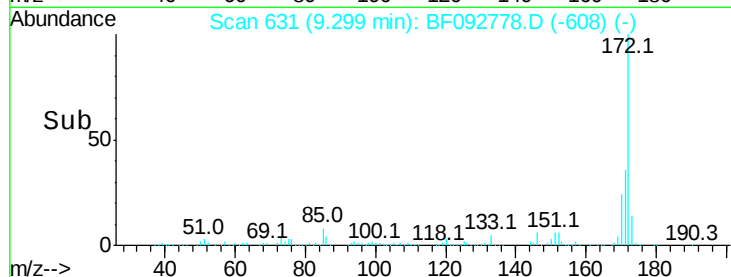
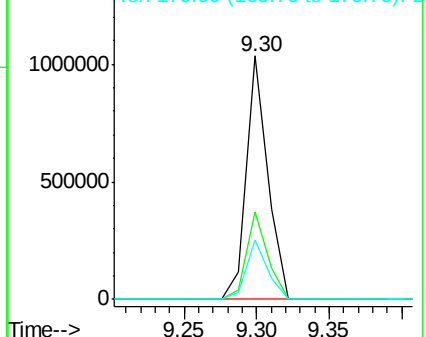
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	24.4	20.2	30.4



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: 13.79 ng

RT: 9.40 min Scan# 640

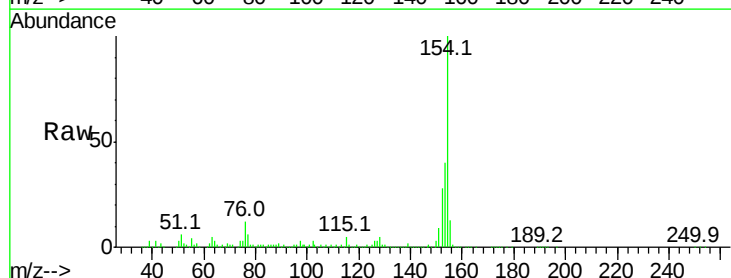
Delta R.T. -0.03 min

Lab File: BF092778.D

Acq: 3 Feb 2017 14:19

Tgt Ion:154 Resp: 262647

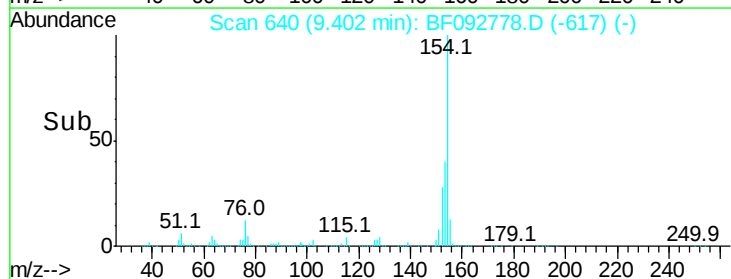
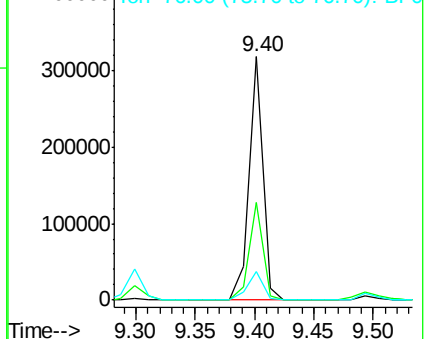
Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.9	60.9
76	11.7	0.0	30.5

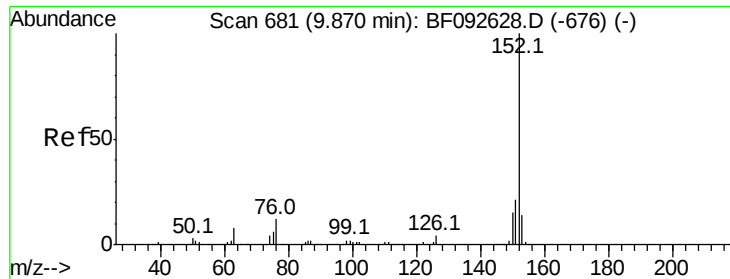


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#48

Acenaphthylene

Concen: 20.93 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.02 min

Lab File: BF092778.D

Acq: 3 Feb 2017 14:19

Instrument :

BNA_F

ClientSampleId :

RVE-9

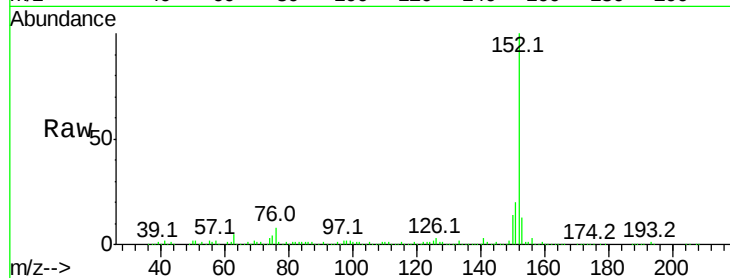
Tot Ion:152 Resp: 538837

Ion Ratio Lower Upper

152 100

151 20.4 16.9 25.3

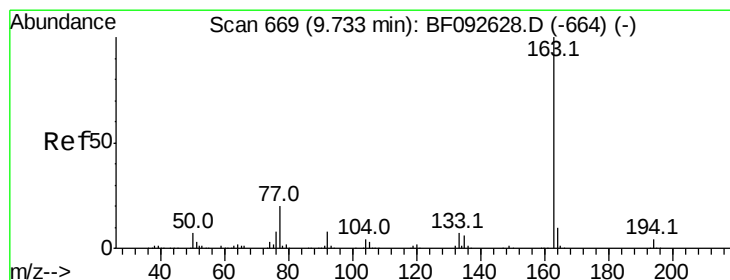
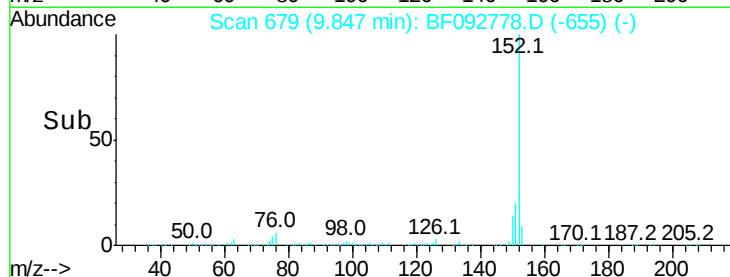
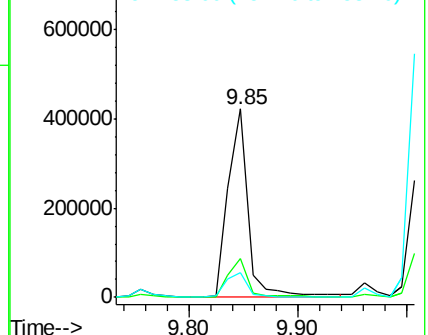
153 13.3 11.4 17.2



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: 8.71 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.03 min

Lab File: BF092778.D

Acq: 3 Feb 2017 14:19

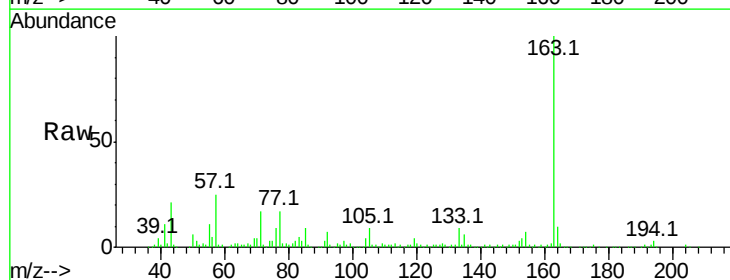
Tgt Ion:163 Resp: 154387

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

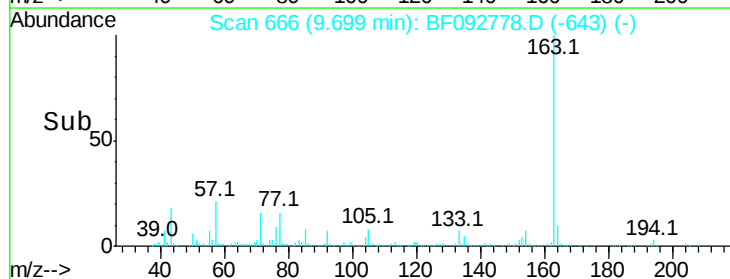
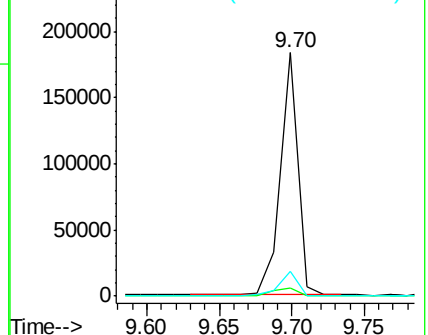
164 10.0 8.0 12.0

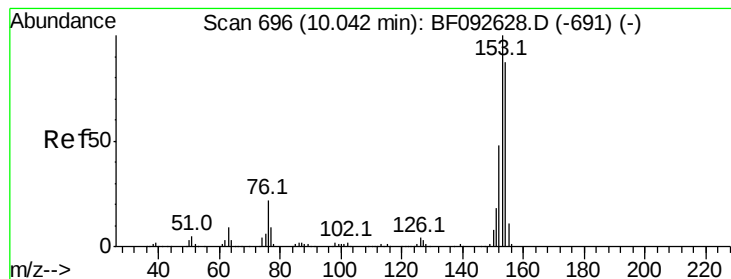


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 119.28 ng

RT: 10.02 min Scan# 694

Delta R.T. -0.02 min

Lab File: BF092778.D

Acq: 3 Feb 2017 14:19

Instrument :

BNA_F

ClientSampleId :

RVE-9

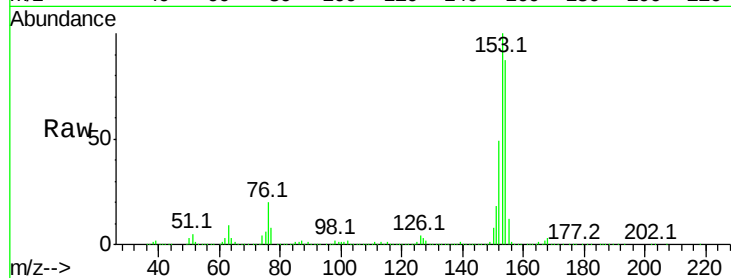
Tot Ion:154 Resp: 1836116

Ion Ratio Lower Upper

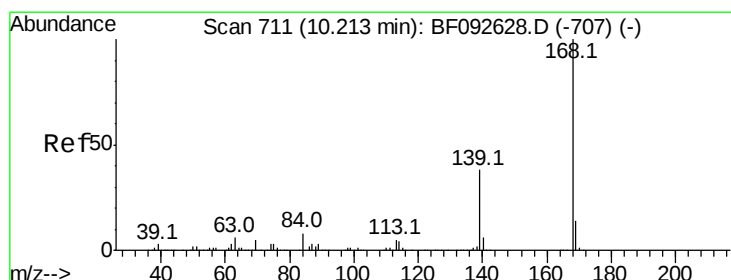
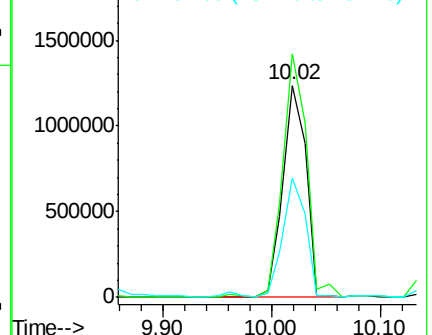
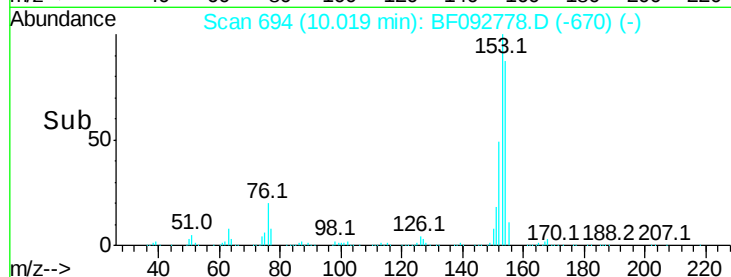
154 100

153 114.9 88.6 133.0

152 56.5 41.6 62.4



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: 95.85 ng

RT: 10.19 min Scan# 709

Delta R.T. -0.02 min

Lab File: BF092778.D

Acq: 3 Feb 2017 14:19

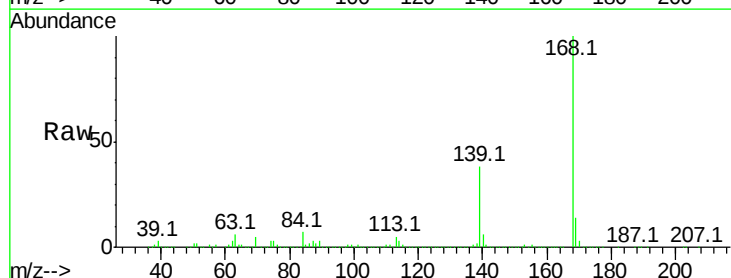
Tgt Ion:168 Resp: 1973468

Ion Ratio Lower Upper

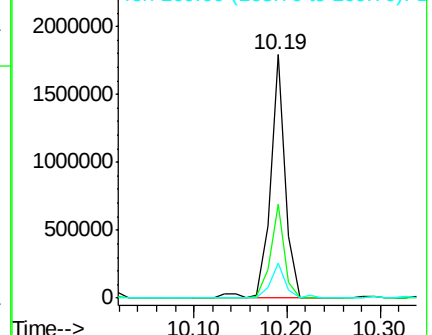
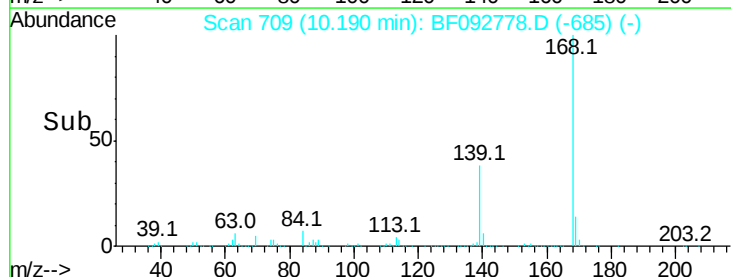
168 100

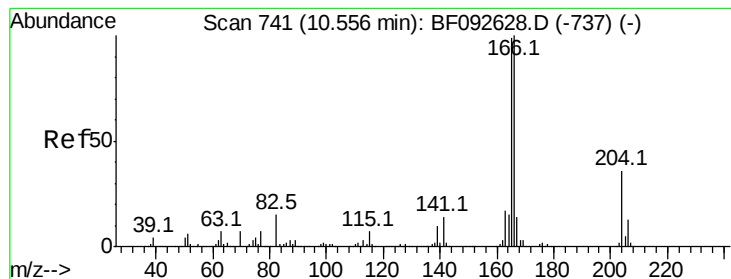
139 38.5 32.6 49.0

169 14.4 11.3 16.9



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: 177.74 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF092778.D

Acq: 3 Feb 2017 14:19

Instrument :

BNA_F

ClientSampled :

RVE-9

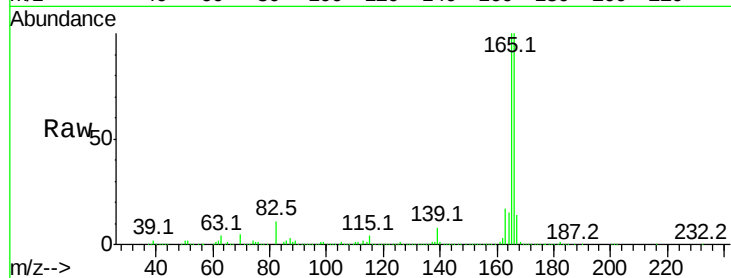
Tot Ion:166 Resp: 2815431

Ion Ratio Lower Upper

166 100

165 99.7 77.8 116.8

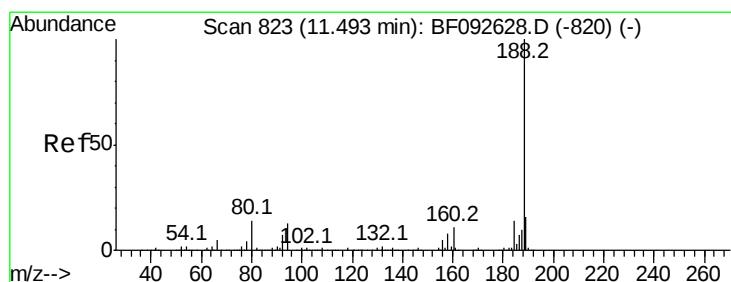
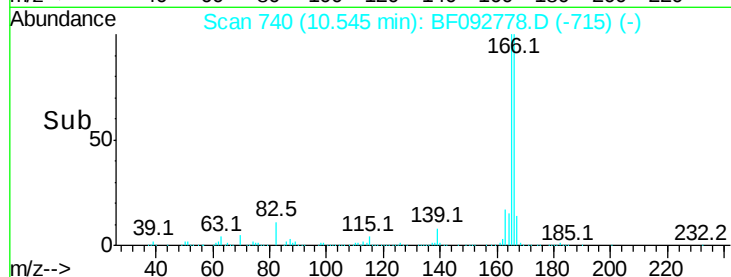
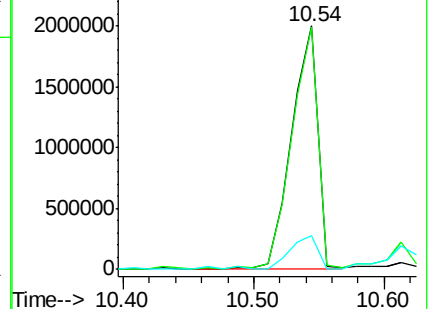
167 14.0 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.48 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF092778.D

Acq: 3 Feb 2017 14:19

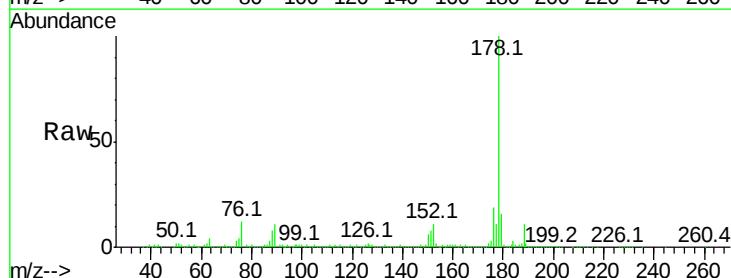
Tgt Ion:188 Resp: 244711

Ion Ratio Lower Upper

188 100

94 10.6 10.0 15.0

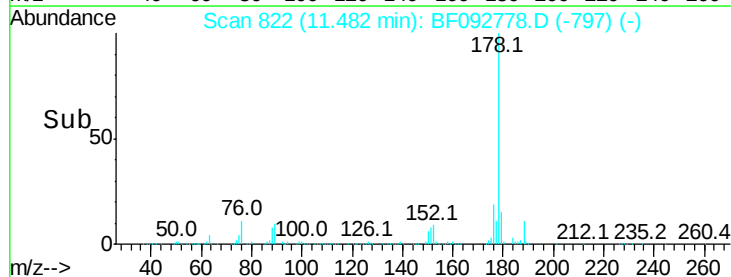
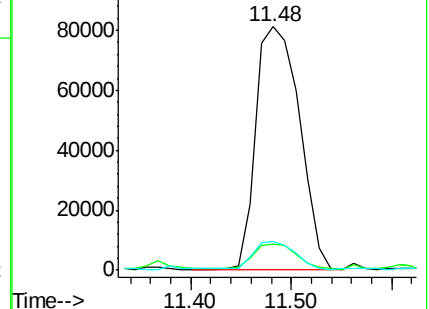
80 11.6 11.2 16.8

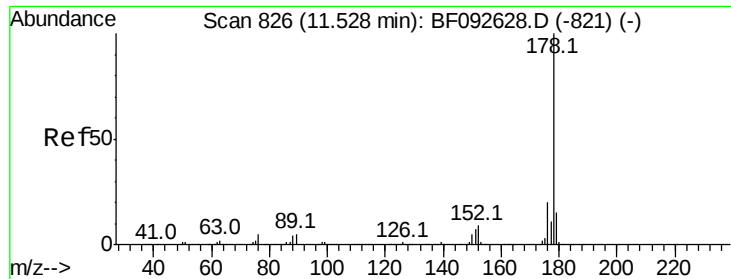


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 877.71 ng

RT: 11.54 min Scan# 827

Delta R.T. 0.01 min

Lab File: BF092778.D

Acq: 3 Feb 2017 14:19

Instrument :

BNA_F

ClientSampleId :

RVE-9

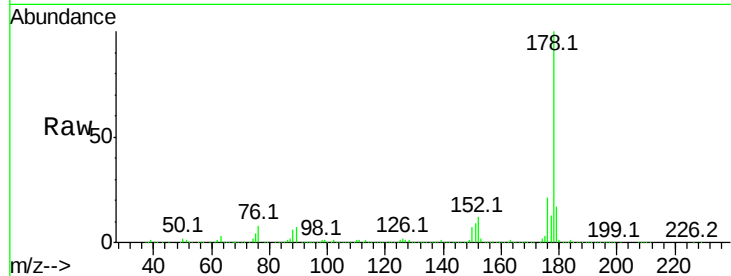
Tot Ion:178 Resp:12305457

Ion Ratio Lower Upper

178 100

176 21.1 16.6 25.0

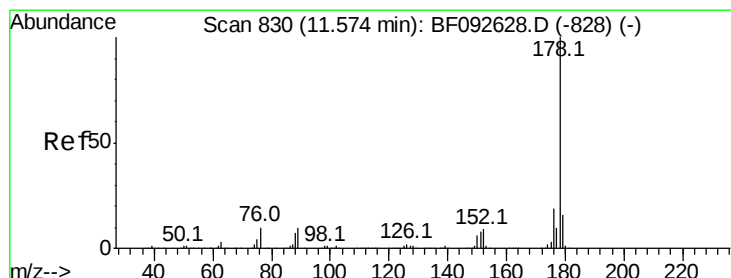
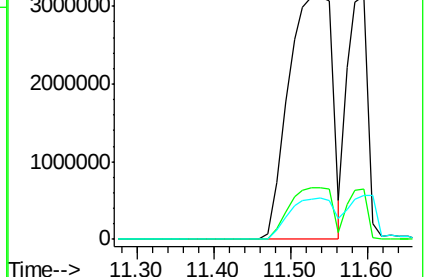
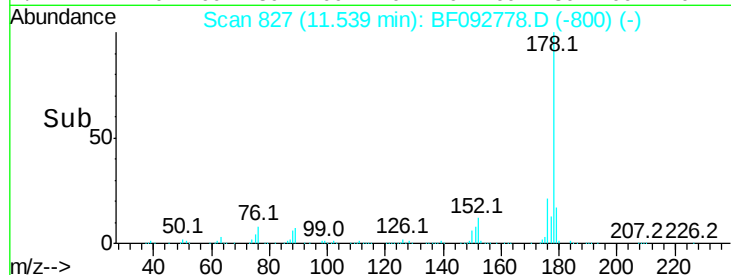
179 16.9 12.8 19.2



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: 428.06 ng m

RT: 11.60 min Scan# 832

Delta R.T. 0.02 min

Lab File: BF092778.D

Acq: 3 Feb 2017 14:19

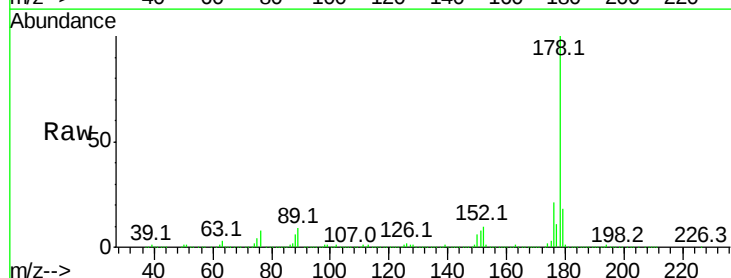
Tgt Ion:178 Resp: 6026807

Ion Ratio Lower Upper

178 100

176 20.6 15.9 23.9

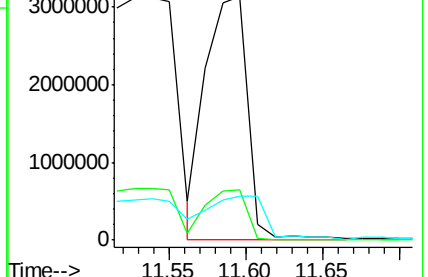
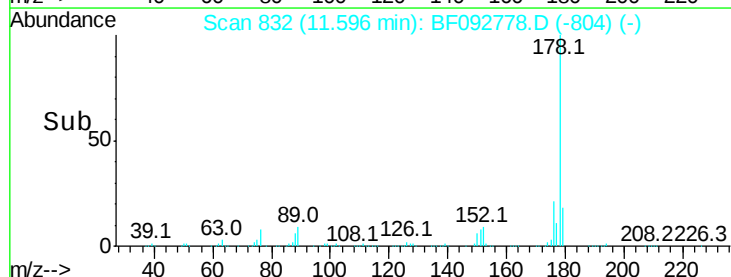
179 17.8 13.2 19.8

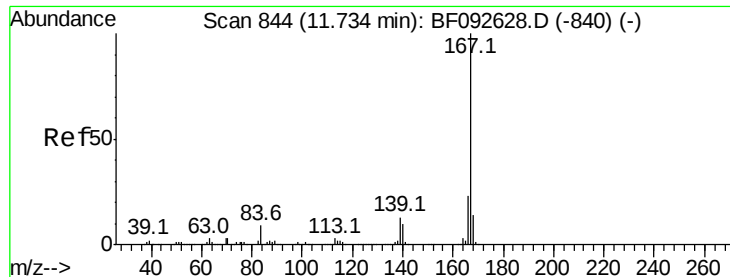


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

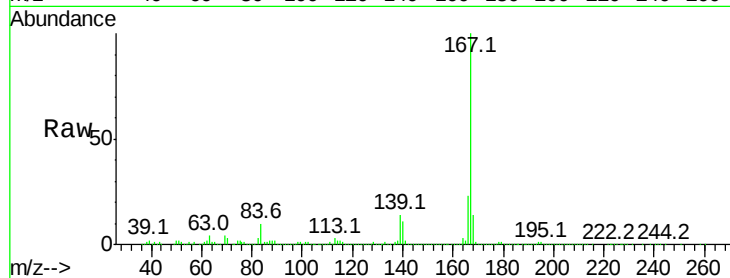




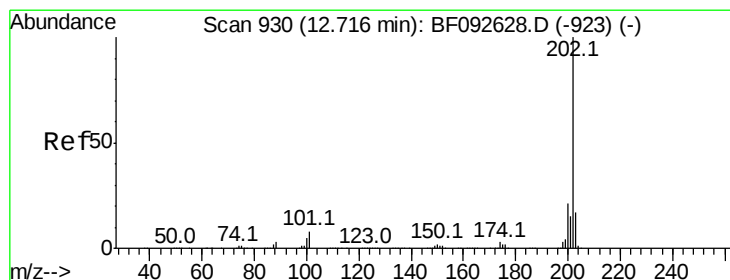
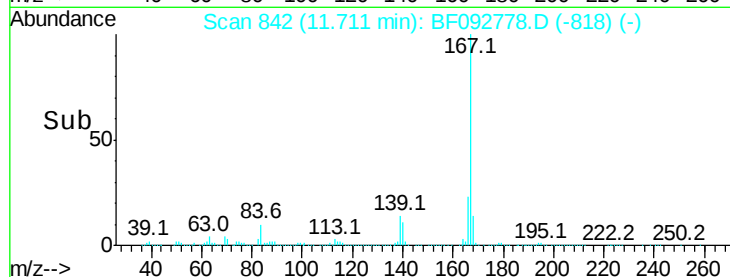
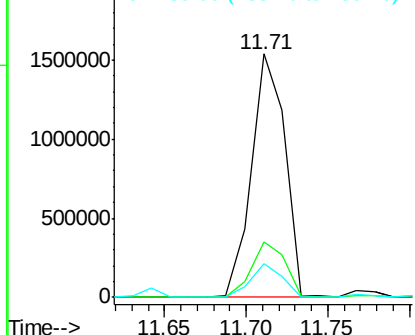
#72
 Carbazole
 Concen: 161.91 ng
 RT: 11.71 min Scan# 842
 Delta R.T. -0.02 min
 Lab File: BF092778.D
 Acq: 3 Feb 2017 14:19

Instrument :
 BNA_F
 ClientSampleId :
 RVE-9

Tot Ion:167 Resp: 2179054
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.2 27.2
 139 13.9 11.4 17.2

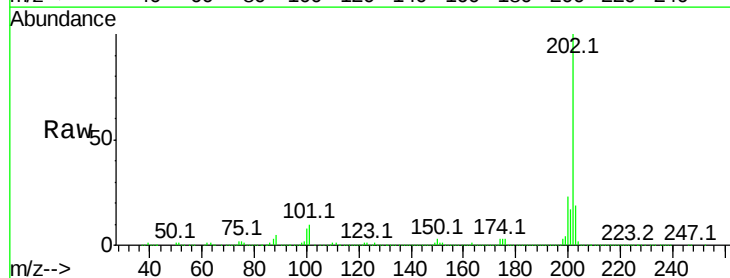


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

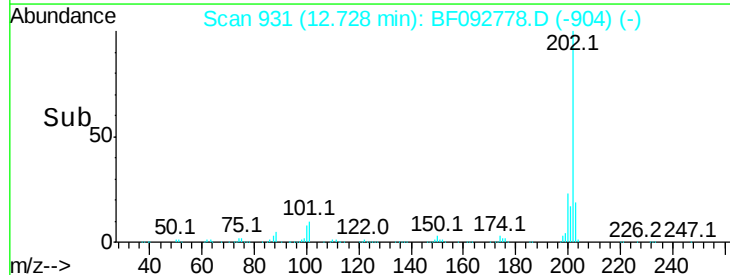
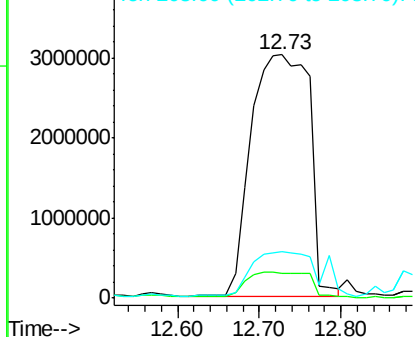


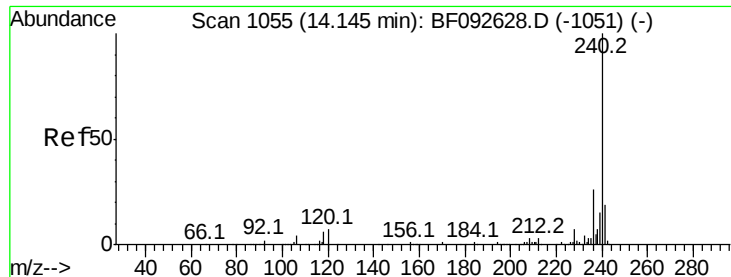
#74
 Fluoranthene
 Concen: 1028.02 ng
 RT: 12.73 min Scan# 931
 Delta R.T. 0.01 min
 Lab File: BF092778.D
 Acq: 3 Feb 2017 14:19

Tgt Ion:202 Resp:14866692
 Ion Ratio Lower Upper
 202 100
 101 10.3 0.0 34.6
 203 19.1 0.0 38.7



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: 14.18 min Scan# 1058

Delta R.T. 0.03 min

Lab File: BF092778.D

Acq: 3 Feb 2017 14:19

Instrument :

BNA_F

ClientSampleId :

RVE-9

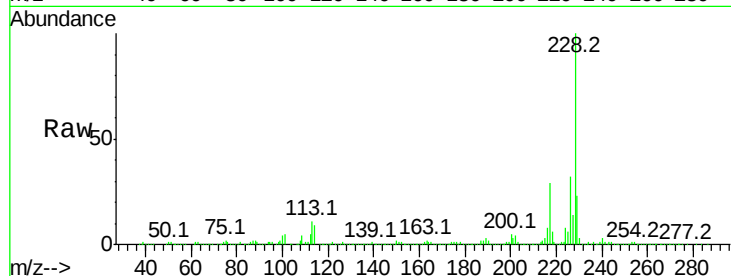
Tot Ion:240 Resp: 135476

Ion Ratio Lower Upper

240 100

120 12.1 12.9 19.3#

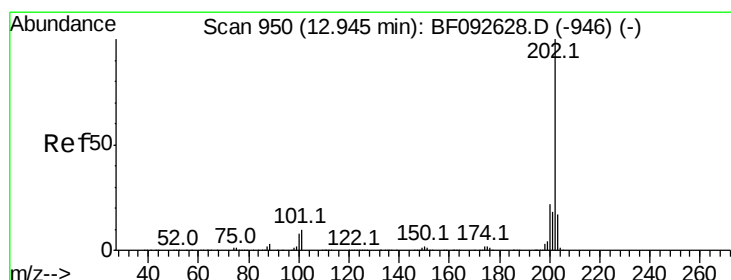
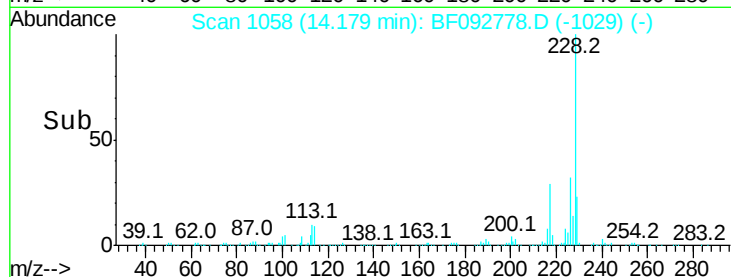
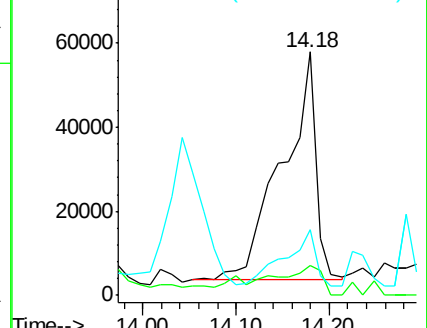
236 26.8 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 1233.74 ng

RT: 12.99 min Scan# 954

Delta R.T. 0.05 min

Lab File: BF092778.D

Acq: 3 Feb 2017 14:19

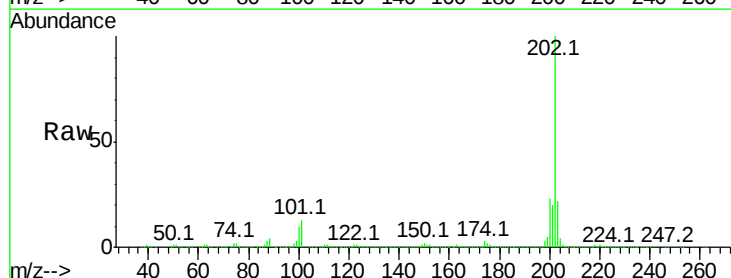
Tgt Ion:202 Resp:12508345

Ion Ratio Lower Upper

202 100

200 22.9 17.7 26.5

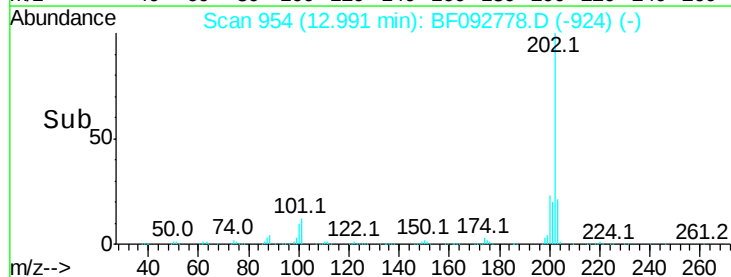
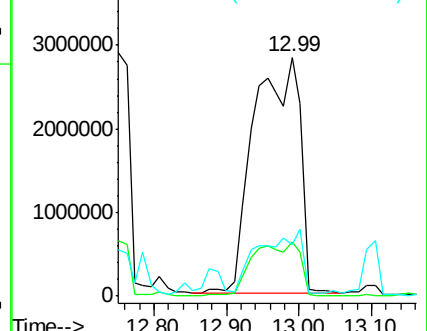
203 21.7 14.7 22.1

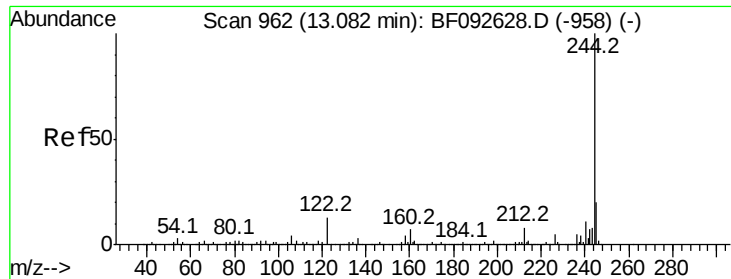


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 146.82 ng

RT: 13.07 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF092778.D

Acq: 3 Feb 2017 14:19

Instrument :

BNA_F

ClientSampled :

RVE-9

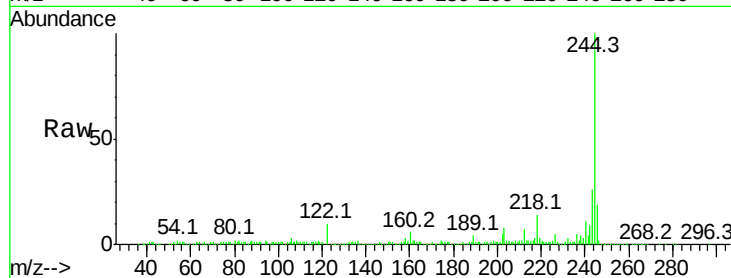
Tot Ion:244 Resp: 846535

Ion Ratio Lower Upper

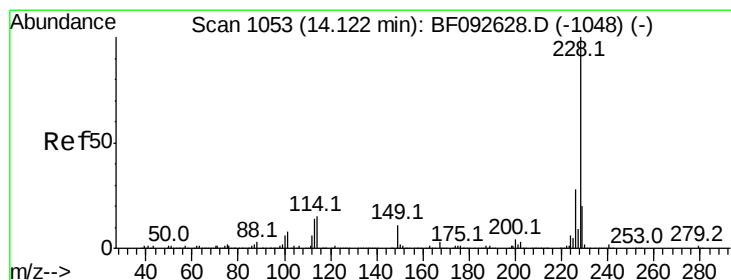
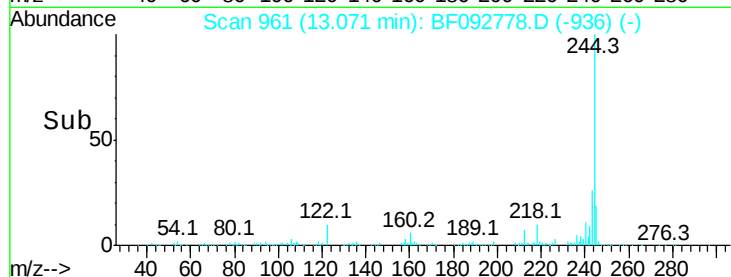
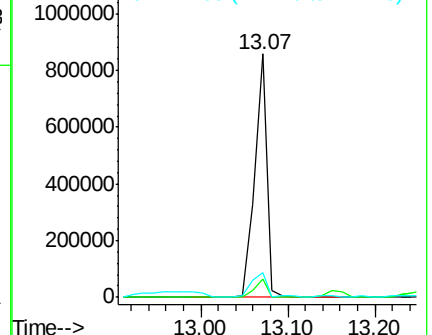
244 100

212 7.3 6.2 9.2

122 10.0 11.4 17.2#



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: 1254.03 ng m

RT: 14.17 min Scan# 1057

Delta R.T. 0.05 min

Lab File: BF092778.D

Acq: 3 Feb 2017 14:19

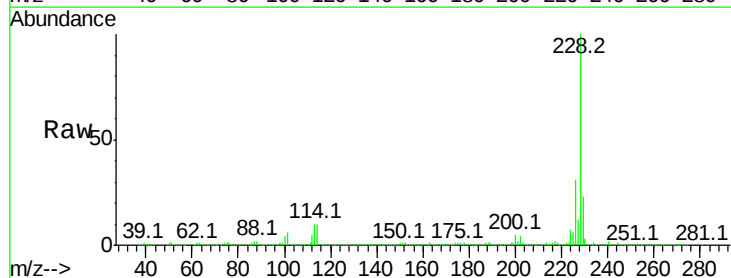
Tgt Ion:228 Resp:10390804

Ion Ratio Lower Upper

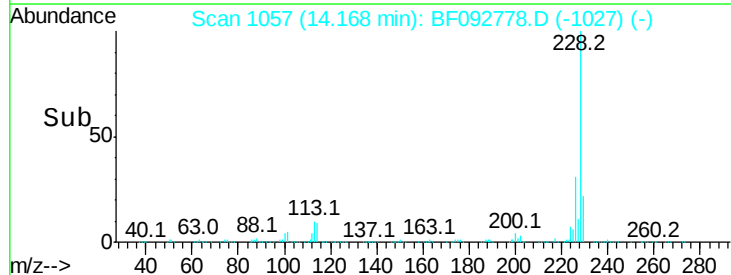
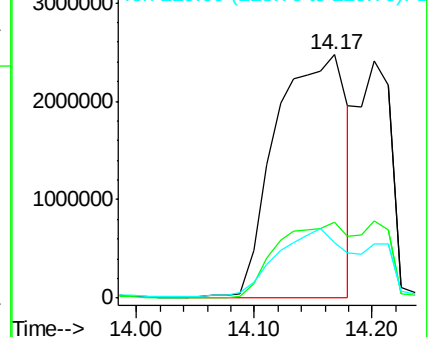
228 100

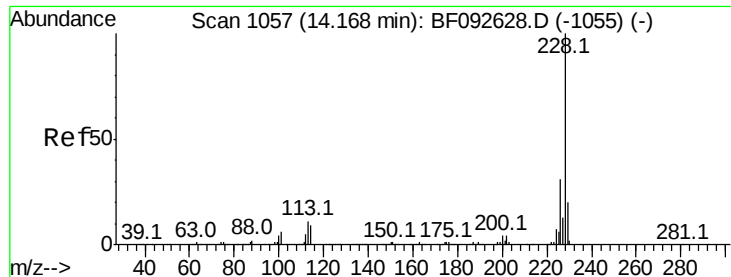
226 31.2 22.4 33.6

229 22.8 16.2 24.4



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: 589.44 ng/mL

RT: 14.20 min Scan# 1060

Delta R.T. 0.03 min

Lab File: BF092778.D

Acq: 3 Feb 2017 14:19

Instrument :

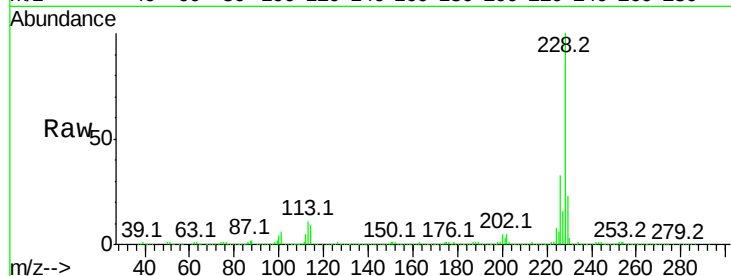
BNA_F

ClientSampleId :

RVE-9

Tot Ion:228 Resp: 4572892

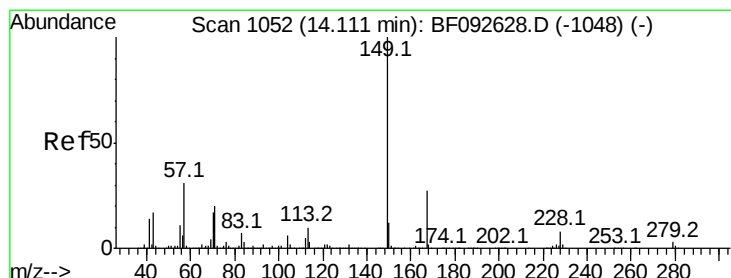
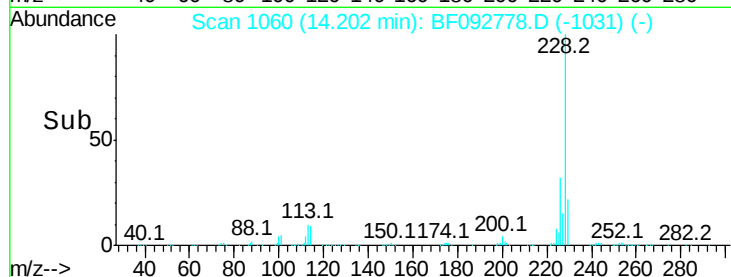
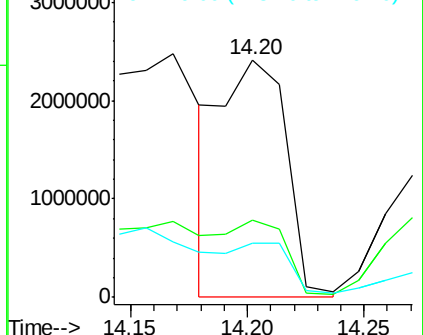
Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.4	38.0
229	22.8	16.2	24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 6.59 ng/mL

RT: 14.11 min Scan# 1052

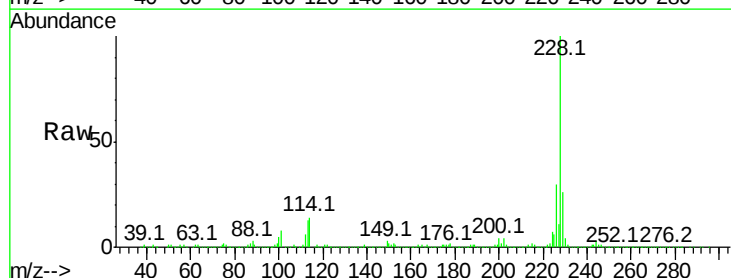
Delta R.T. -0.00 min

Lab File: BF092778.D

Acq: 3 Feb 2017 14:19

Tgt Ion:149 Resp: 37122

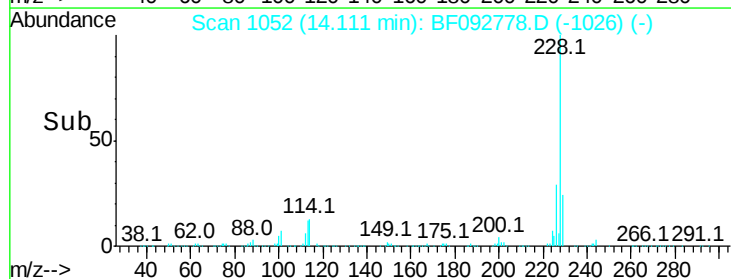
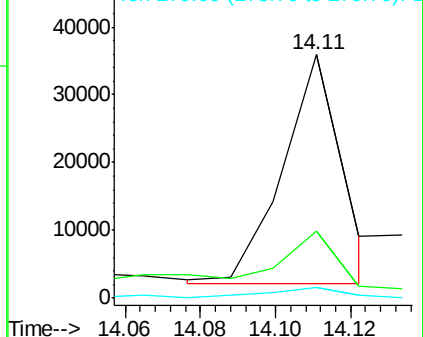
Ion	Ratio	Lower	Upper
149	100		
167	27.8	20.2	30.4
279	4.4	1.8	2.8#

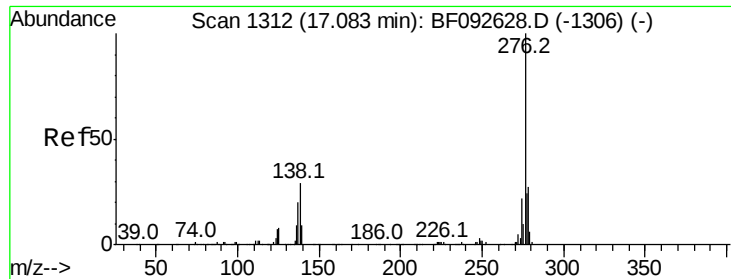


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

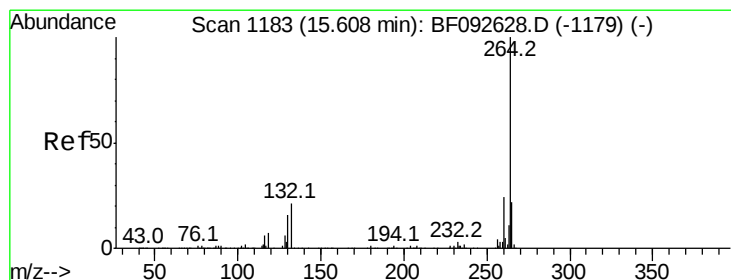
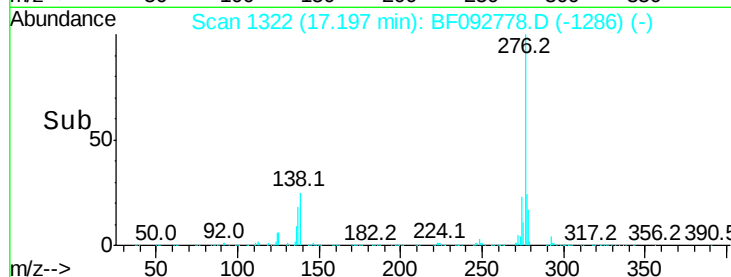
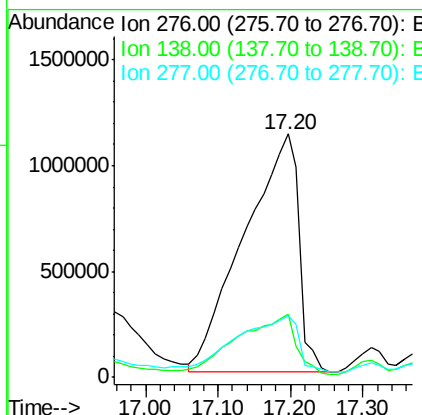
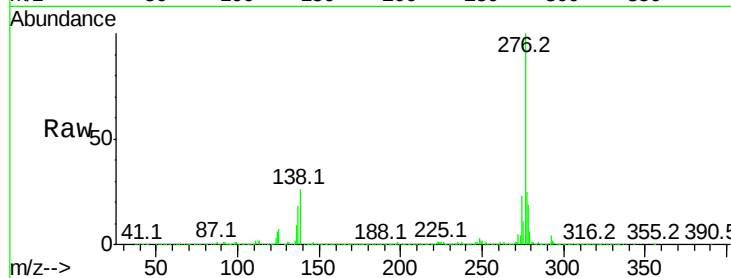




#85
Indeno(1,2,3-cd)pyrene
Concen: 984.90 ng
RT: 17.20 min Scan# 1322
Delta R.T. 0.11 min
Lab File: BF092778.D
Acq: 3 Feb 2017 14:19

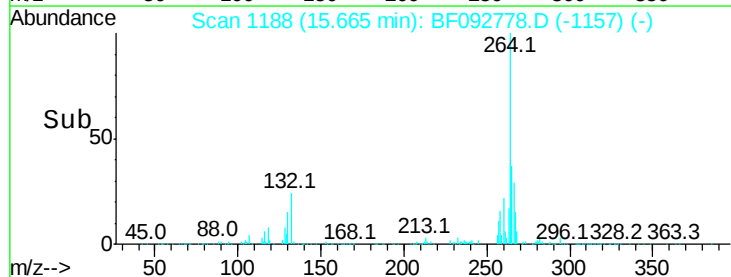
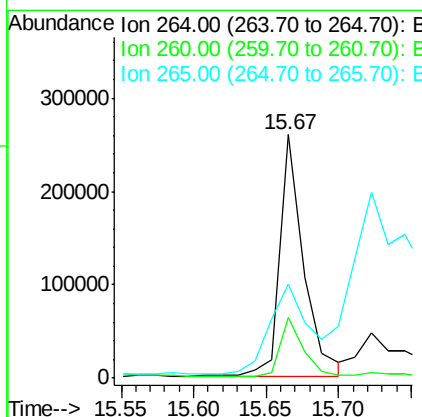
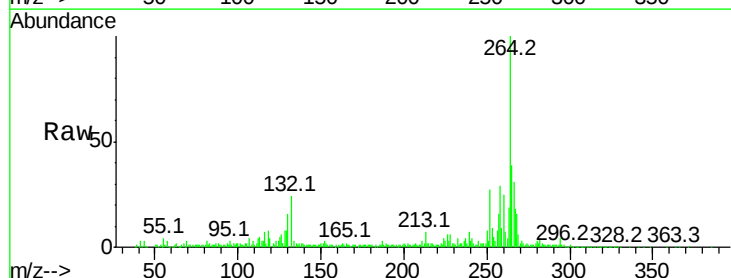
Instrument :
BNA_F
ClientSampleId :
RVE-9

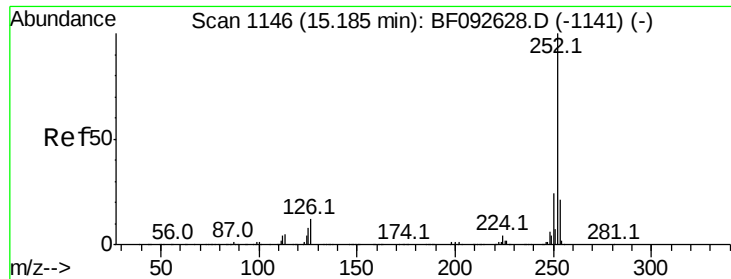
Tot Ion:276 Resp: 5918432
Ion Ratio Lower Upper
276 100
138 27.1 21.8 32.6
277 27.2 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.67 min Scan# 1188
Delta R.T. 0.06 min
Lab File: BF092778.D
Acq: 3 Feb 2017 14:19

Tgt Ion:264 Resp: 296687
Ion Ratio Lower Upper
264 100
260 24.9 19.2 28.8
265 38.5 17.4 26.0#

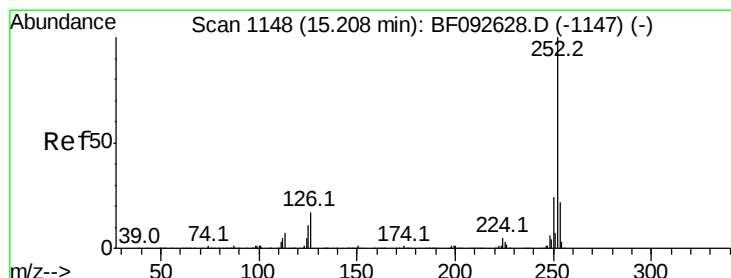
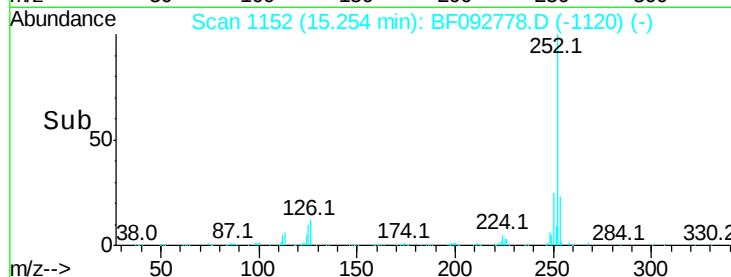
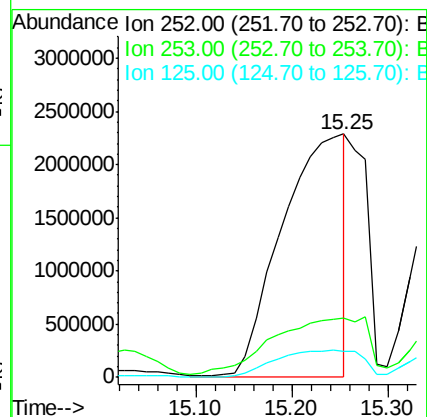
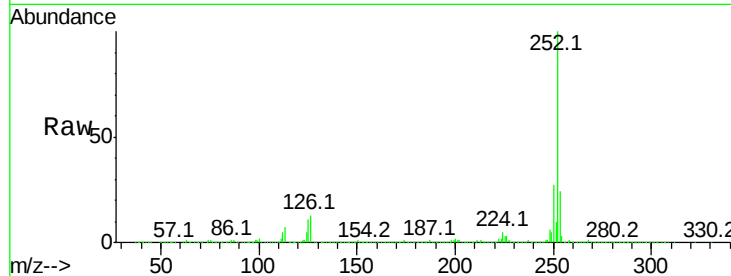




#87
Benzo(b)fluoranthene
Concen: 543.37 ng m
RT: 15.25 min Scan# 1152
Delta R.T. 0.07 min
Lab File: BF092778.D
Acq: 3 Feb 2017 14:19

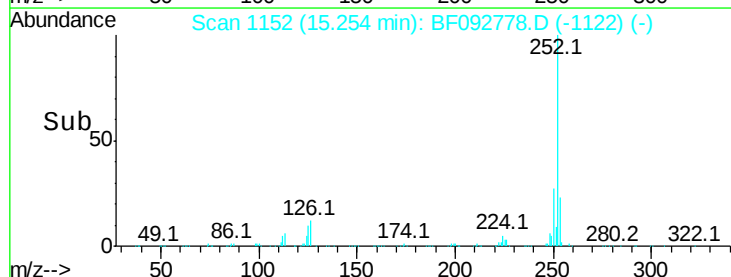
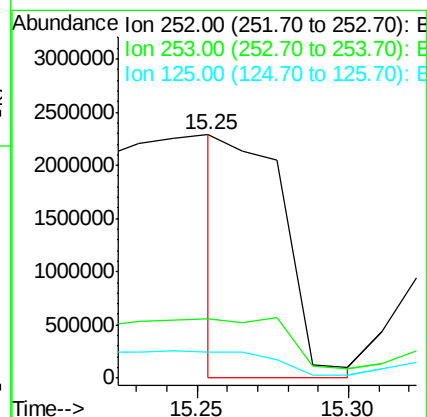
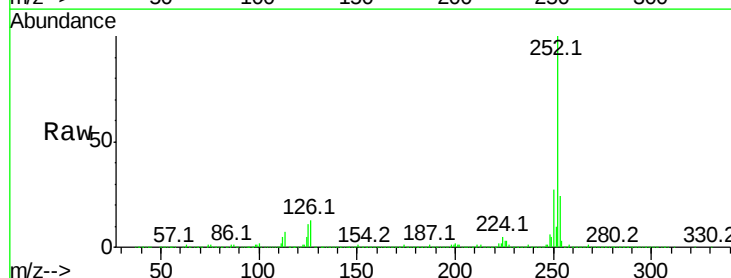
Instrument :
BNA_F
ClientSampleId :
RVE-9

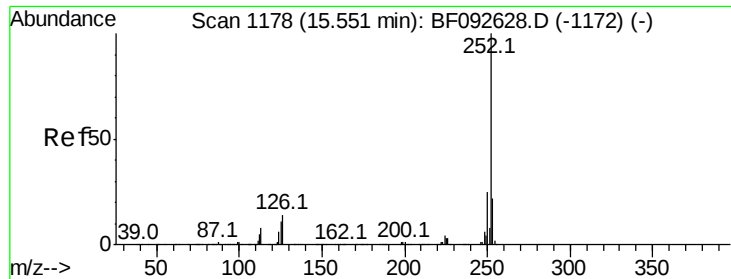
Tot Ion:252 Resp:10610910
Ion Ratio Lower Upper
252 100
253 24.2 18.2 27.4
125 10.6 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 179.62 ng m
RT: 15.25 min Scan# 1152
Delta R.T. 0.05 min
Lab File: BF092778.D
Acq: 3 Feb 2017 14:19

Tgt Ion:252 Resp: 3028530
Ion Ratio Lower Upper
252 100
253 24.2 18.5 27.7
125 10.6 8.9 13.3





#89

Benzo(a)pyrene

Concen: 399.56 ng

RT: 15.63 min Scan# 1185

Delta R.T. 0.08 min

Lab File: BF092778.D

Acq: 3 Feb 2017 14:19

Instrument :

BNA_F

ClientSampleId :

RVE-9

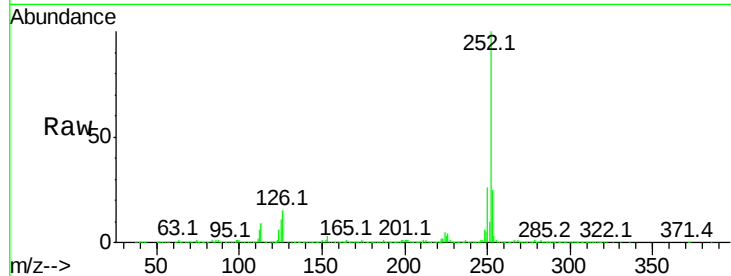
Tot Ion:252 Resp: 6749317

Ion Ratio Lower Upper

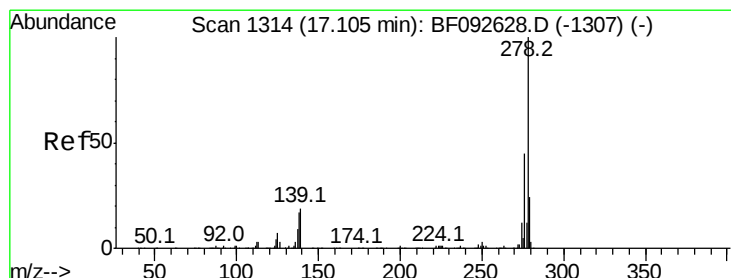
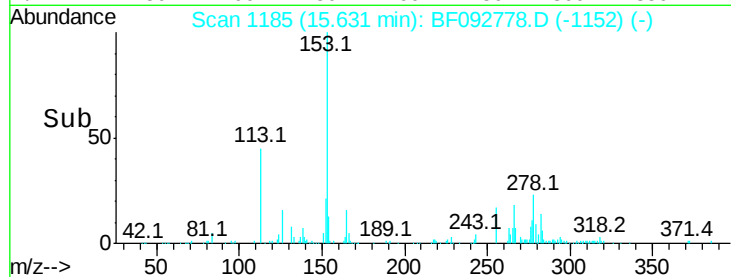
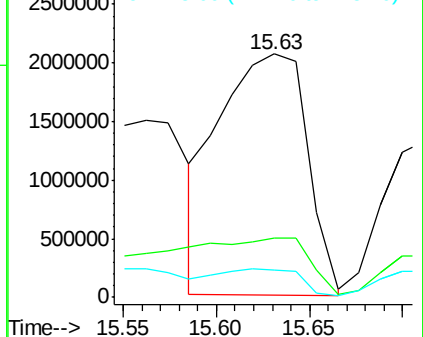
252 100

253 24.6 18.2 27.2

125 11.5 10.0 15.0



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: 43.89 ng m

RT: 17.23 min Scan# 1325

Delta R.T. 0.13 min

Lab File: BF092778.D

Acq: 3 Feb 2017 14:19

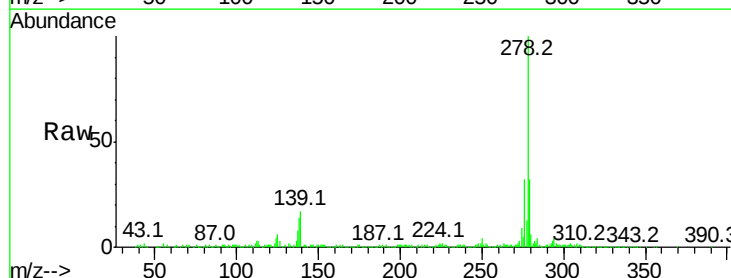
Tgt Ion:278 Resp: 599225

Ion Ratio Lower Upper

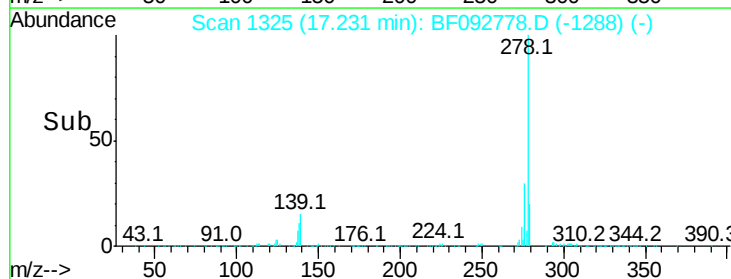
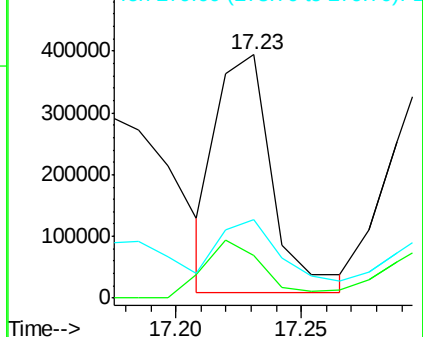
278 100

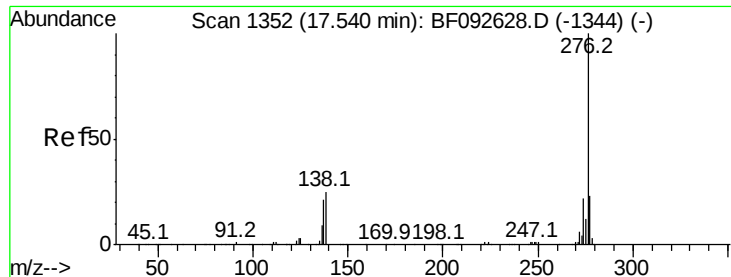
139 17.3 14.8 22.2

279 32.5 19.8 29.6#



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: 420.69 ng
 RT: 17.65 min Scan# 1362
 Delta R.T. 0.11 min
 Lab File: BF092778.D
 Acq: 3 Feb 2017 14:19

Instrument :
 BNA_F
 ClientSampleId :
 RVE-9

Tot Ion:276 Resp: 5802010
 Ion Ratio Lower Upper
 276 100
 277 26.6 19.2 28.8
 138 26.8 16.0 24.0#

