

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041219\
 Data File : BF113759.D
 Acq On : 13 Apr 2019 1:19
 Operator : JU/SJ
 Sample : K2373-01 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 13 03:44:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	112384	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	406144	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	171564	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	329672	20.00	ng	-0.02
76) Chrysene-d12	13.83	240	325935	20.00	ng	-0.02
87) Perylene-d12	15.23	264	258056	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	325277	49.36	ng	0.00
7) Phenol-d6	6.33	99	430328	52.98	ng	-0.01
23) Nitrobenzene-d5	7.24	82	228966	33.02	ng	-0.02
42) 2,4,6-Tribromophenol	10.50	330	97526	47.32	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	420248	39.43	ng	-0.02
79) Terphenyl-d14	12.76	244	434027	27.11	ng	-0.03

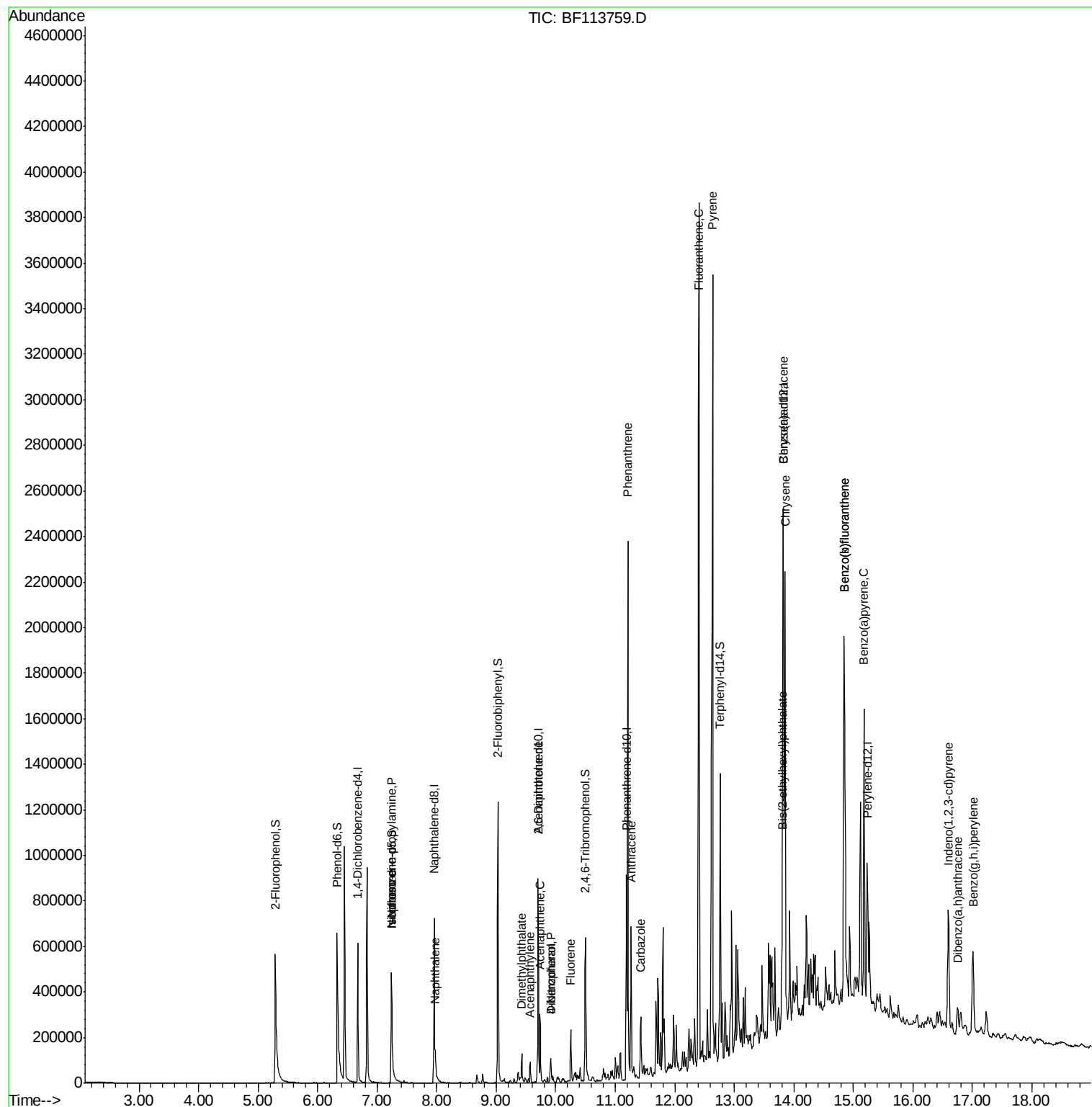
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.24	70	29452	5.880	ng	# 77
25) Isophorone	7.24	82	228965	17.142	ng	# 64
31) Naphthalene	7.97	128	41771	2.123	ng	98
49) Acenaphthylene	9.57	152	41049	2.355	ng	99
50) Dimethylphthalate	9.43	163	57294	4.530	ng	100
51) 2,6-Dinitrotoluene	9.70	165	22756	8.163	ng	# 27
52) Acenaphthene	9.73	154	66298	6.645	ng	99
55) Dibenzofuran	9.92	168	50557	3.454	ng	95
56) 4-Nitrophenol	9.92	139	17730	9.018	ng	# 10
58) Fluorene	10.25	166	70083	6.054	ng	97
71) Phenanthrene	11.21	178	911096	55.617	ng	99
72) Anthracene	11.26	178	269304	16.158	ng	98
73) Carbazole	11.43	167	112739	7.232	ng	96
75) Fluoranthene	12.40	202	1710402	97.436	ng	99
78) Pyrene	12.63	202	1590893	64.149	ng	99
81) Benzo(a)anthracene	13.82	228	957593	50.931	ng	98
83) Chrysene	13.85	228	815546	42.789	ng	98
84) Bis(2-ethylhexyl)phthalate	13.80	149	31554	2.585	ng	# 98
86) Indeno(1,2,3-cd)pyrene	16.60	276	324772	18.456	ng	96
88) Benzo(b)fluoranthene	14.84	252	1215142	76.926	ng	98
89) Benzo(k)fluoranthene	14.84	252	1215015	85.705	ng	# 97
90) Benzo(a)pyrene	15.18	252	622971	44.382	ng	98
91) Dibenzo(a,h)anthracene	16.75	278	71035	5.412	ng	97
92) Benzo(g,h,i)perylene	17.01	276	307373	22.942	ng	97

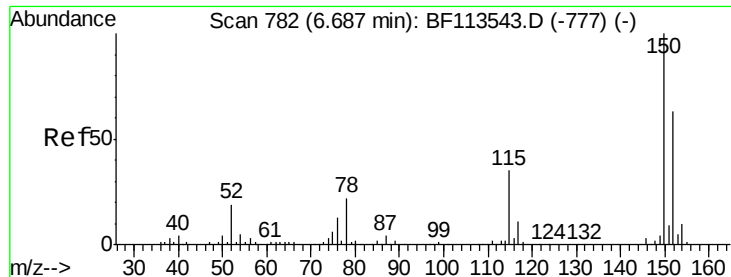
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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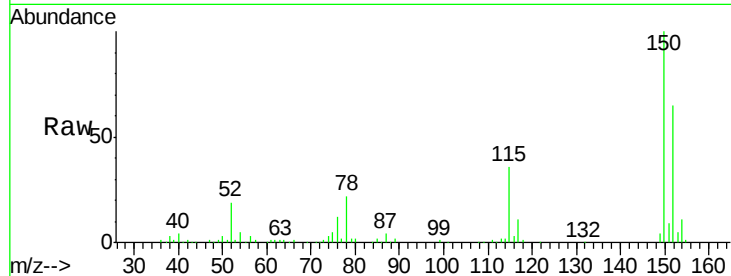


#1

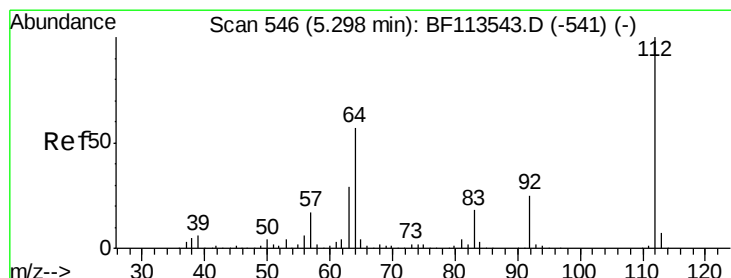
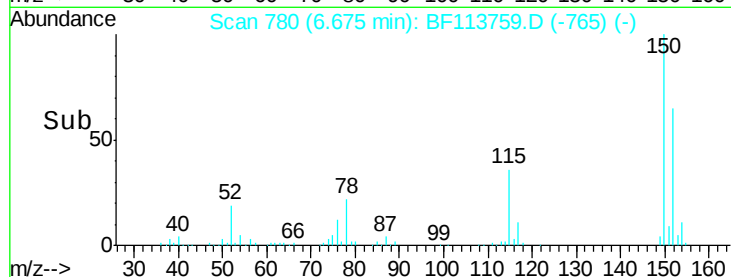
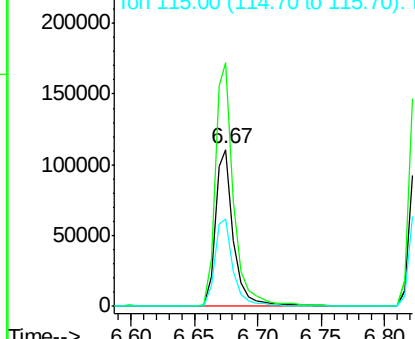
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113759.D
Acq: 13 Apr 2019 1:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 112384
Ion Ratio Lower Upper
152 100
150 155.0 124.7 187.1
115 55.4 46.0 69.0



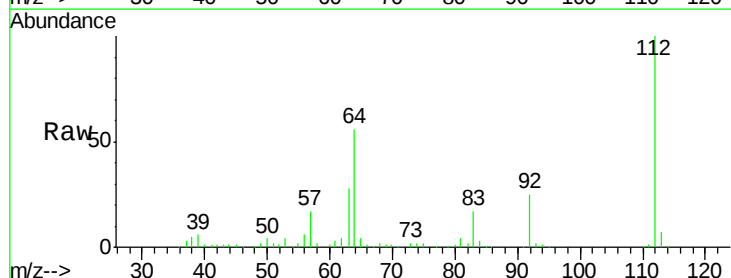
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



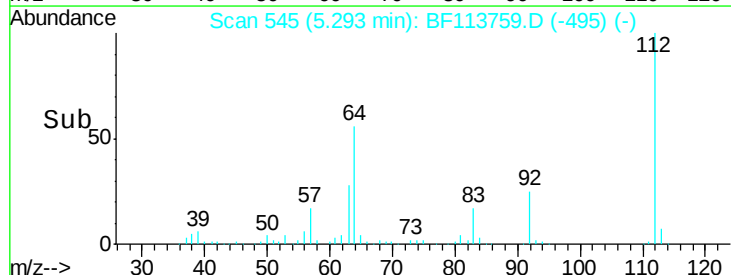
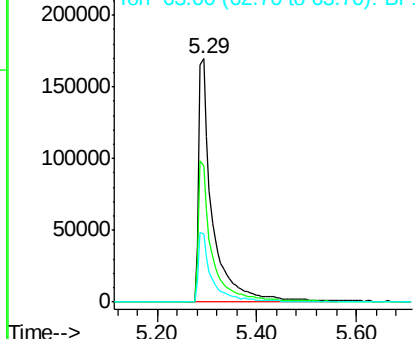
#5

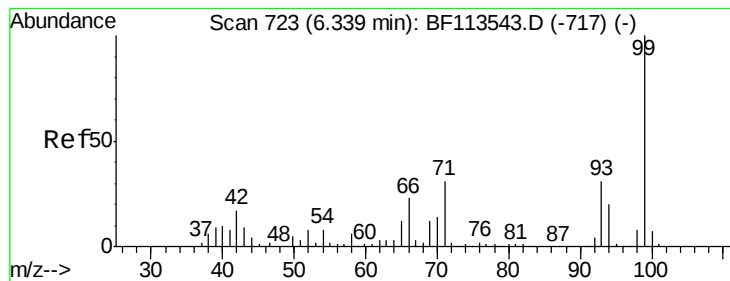
2-Fluorophenol
Concen: 49.355 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF113759.D
Acq: 13 Apr 2019 1:19

Tgt Ion:112 Resp: 325277
Ion Ratio Lower Upper
112 100
64 56.1 49.2 73.8
63 28.0 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 52.977 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113759.D

Acq: 13 Apr 2019 1:19

Instrument :

BNA_F

ClientSampleId :

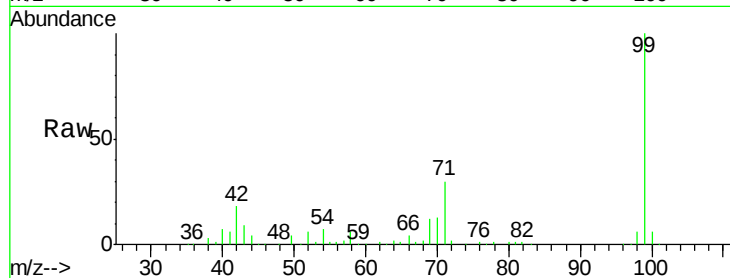
Tot Ion: 99 Resp: 430328

Ion Ratio Lower Upper

99 100

42 17.6 14.8 22.2

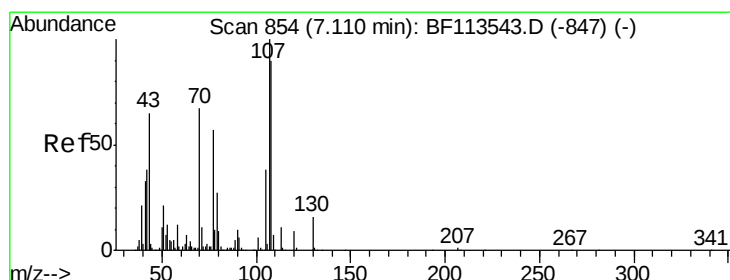
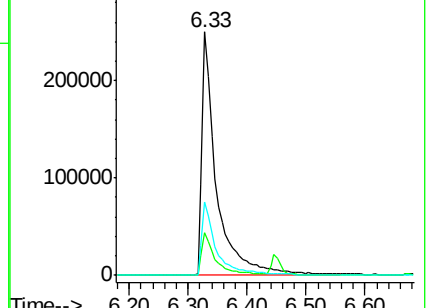
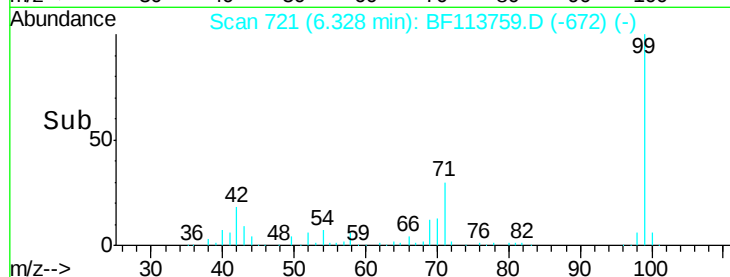
71 30.4 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 5.880 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.13 min

Lab File: BF113759.D

Acq: 13 Apr 2019 1:19

Tgt Ion: 70 Resp: 29452

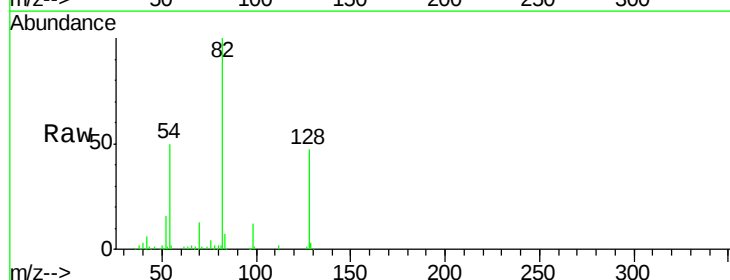
Ion Ratio Lower Upper

70 100

42 48.7 48.4 72.6

101 0.0 7.8 11.8#

130 2.3 18.2 27.4#

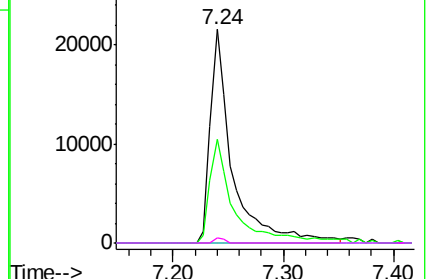
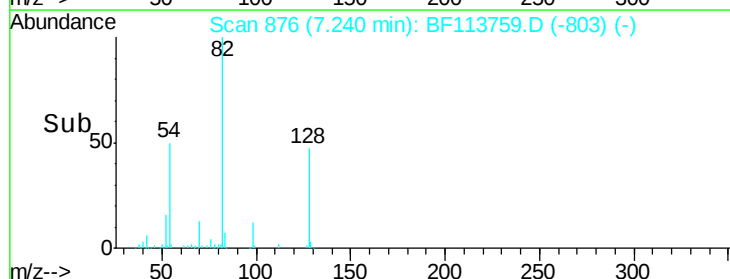


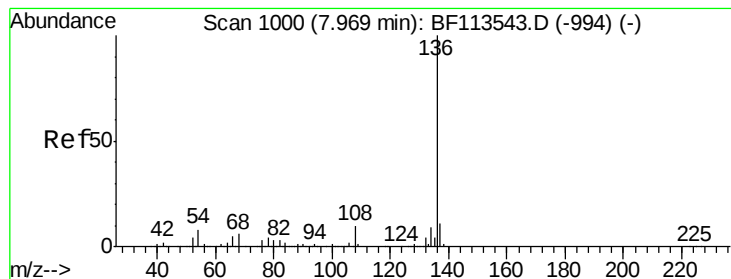
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF113759.D

Acq: 13 Apr 2019 1:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 406144

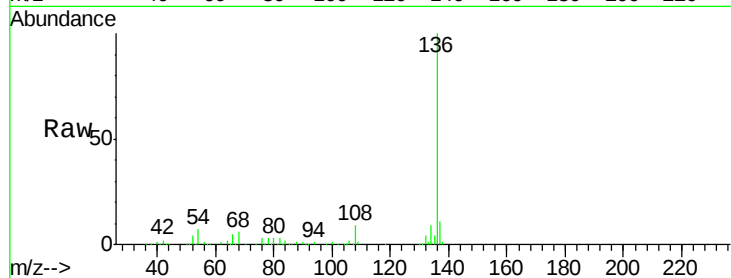
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 7.3 7.0 10.6

68 5.6 4.8 7.2

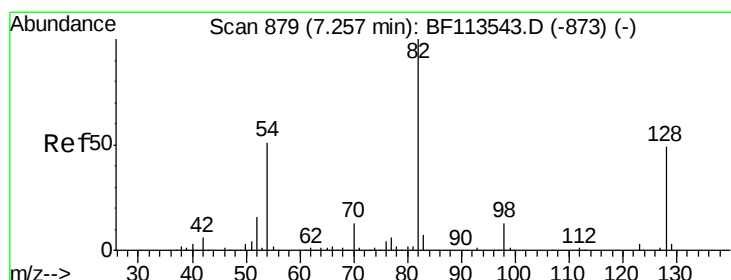
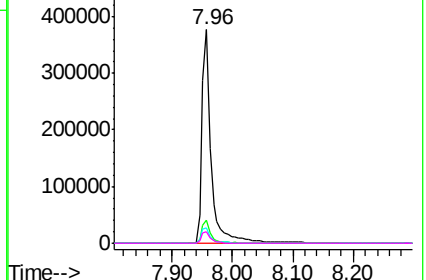
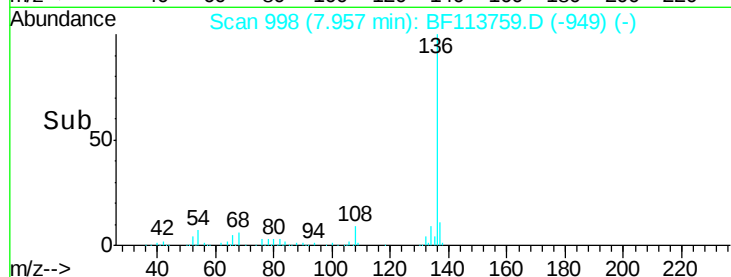


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 33.022 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.02 min

Lab File: BF113759.D

Acq: 13 Apr 2019 1:19

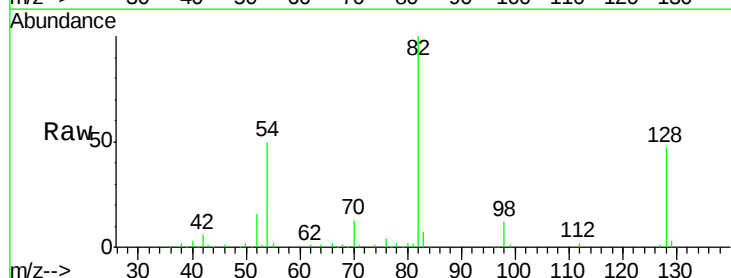
Tgt Ion: 82 Resp: 228966

Ion Ratio Lower Upper

82 100

128 47.3 36.5 54.7

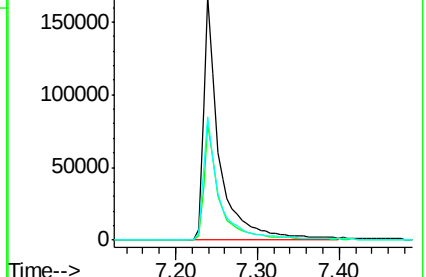
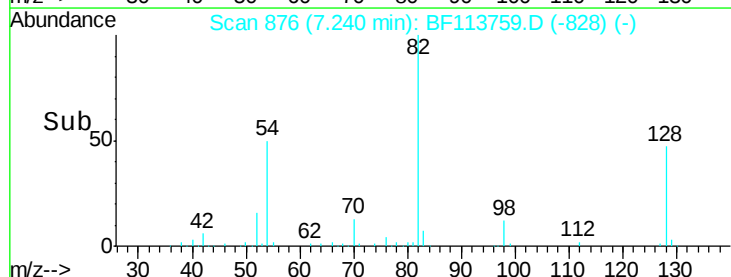
54 50.5 42.2 63.2

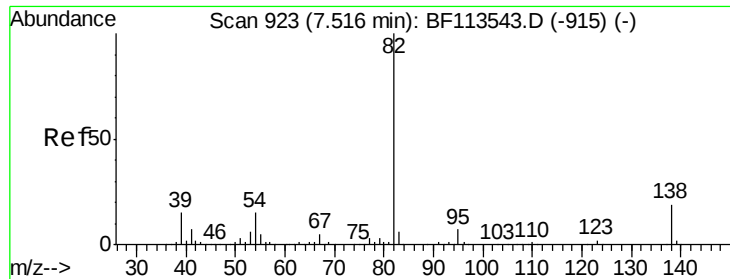


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 17.142 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.28 min

Lab File: BF113759.D

Acq: 13 Apr 2019 1:19

Instrument :

BNA_F

ClientSampleId :

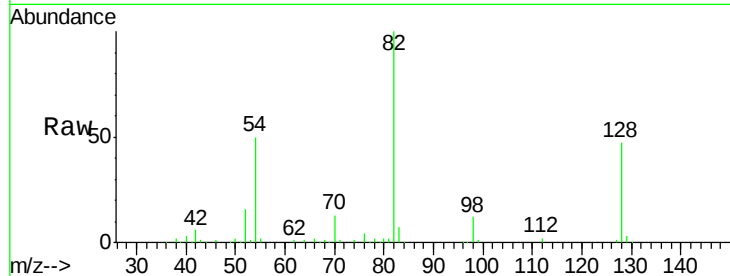
Tot Ion: 82 Resp: 228965

Ion Ratio Lower Upper

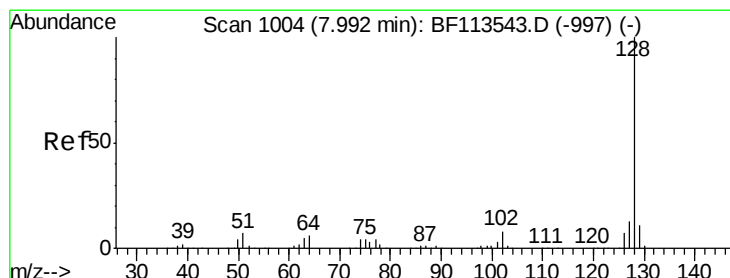
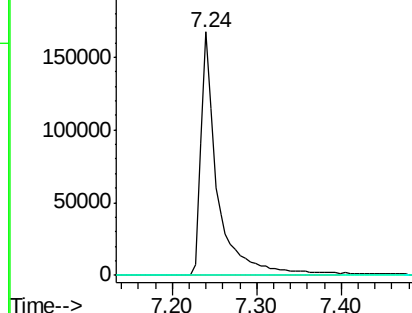
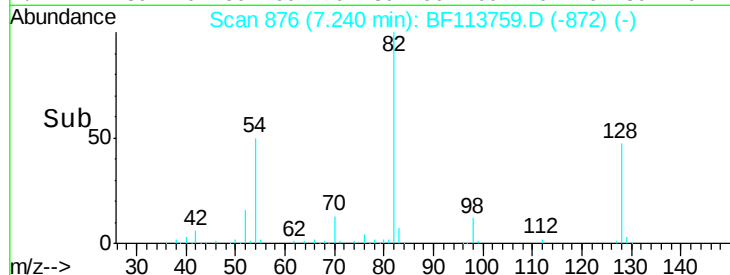
82 100

95 0.0 5.5 8.3#

138 0.0 15.2 22.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#31

Naphthalene

Concen: 2.123 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.02 min

Lab File: BF113759.D

Acq: 13 Apr 2019 1:19

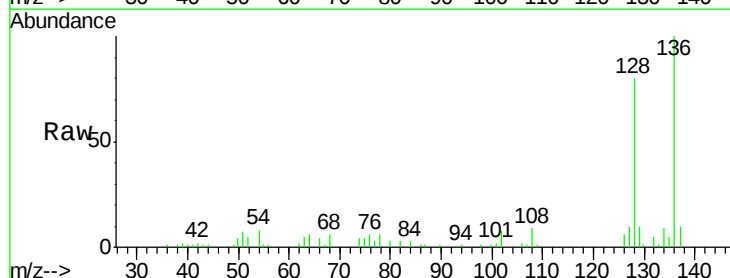
Tgt Ion: 128 Resp: 41771

Ion Ratio Lower Upper

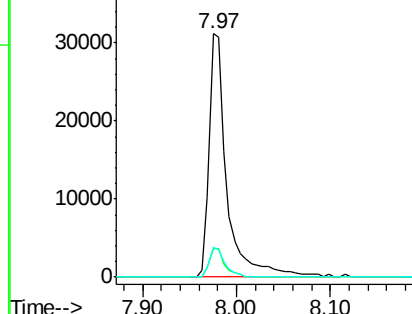
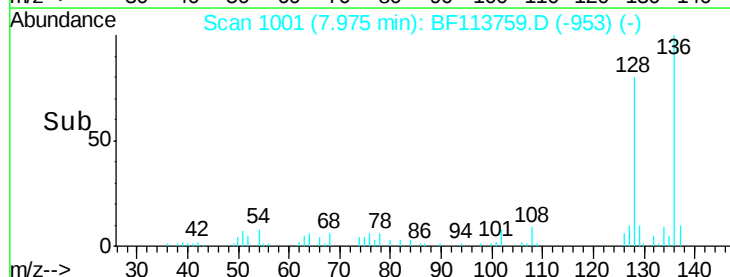
128 100

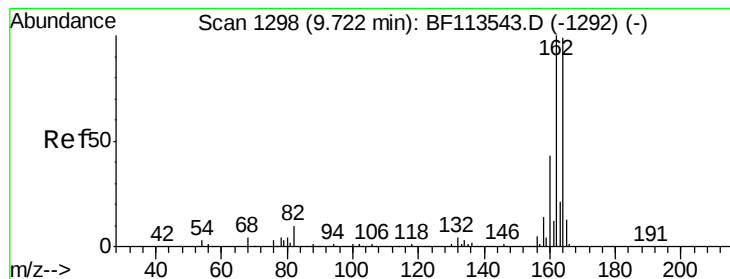
129 11.9 9.3 13.9

127 12.3 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): BF1
Ion 129.00 (128.70 to 129.70): BF1
Ion 127.00 (126.70 to 127.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF113759.D

Acq: 13 Apr 2019 1:19

Instrument :

BNA_F

ClientSampleId :

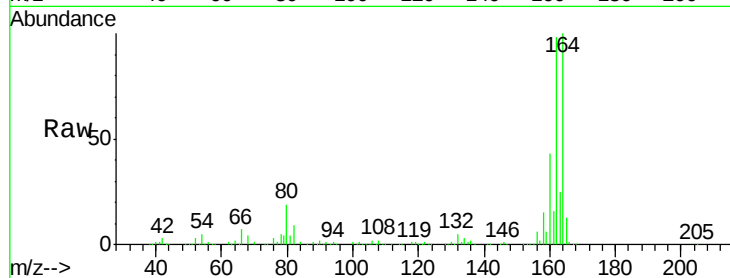
Tot Ion:164 Resp: 171564

Ion Ratio Lower Upper

164 100

162 98.2 81.8 122.6

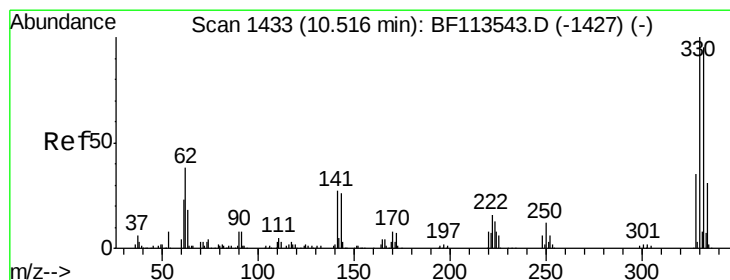
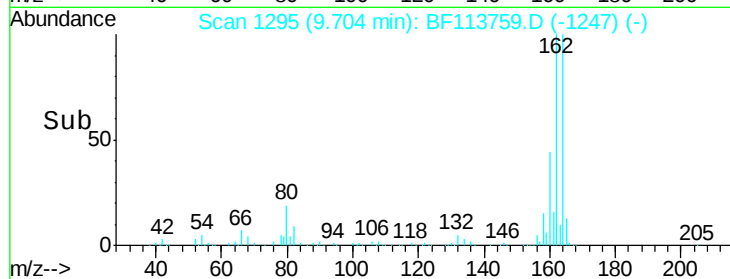
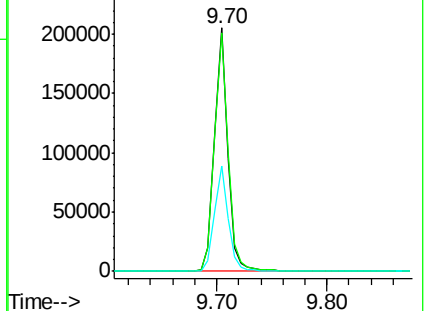
160 43.3 36.4 54.6



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



#42

2,4,6-Tribromophenol

Concen: 47.322 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BF113759.D

Acq: 13 Apr 2019 1:19

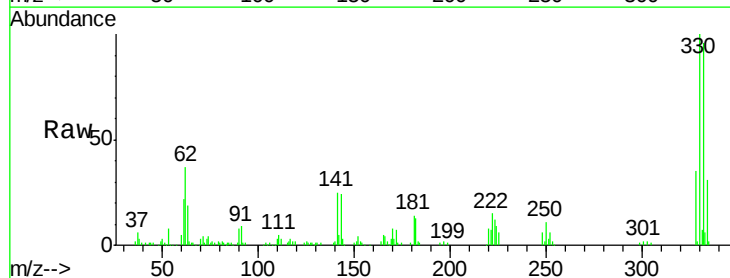
Tgt Ion:330 Resp: 97526

Ion Ratio Lower Upper

330 100

332 96.9 77.8 116.6

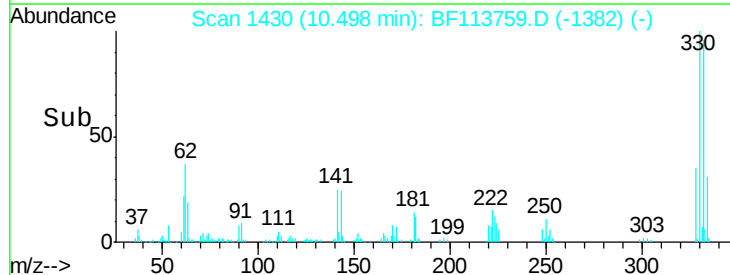
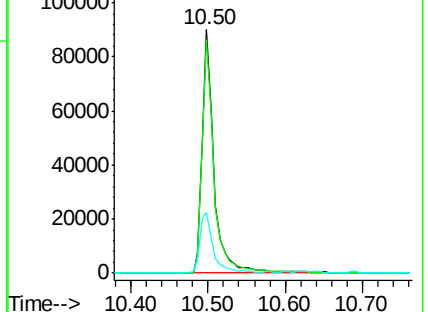
141 27.8 22.7 34.1

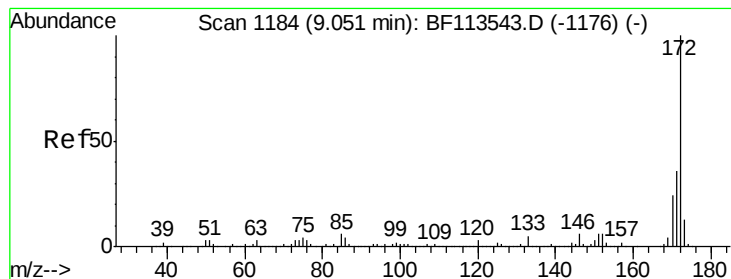


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

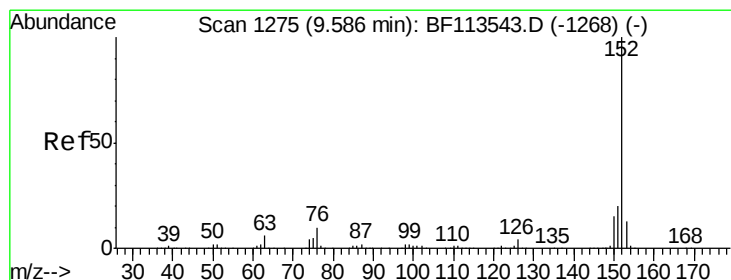
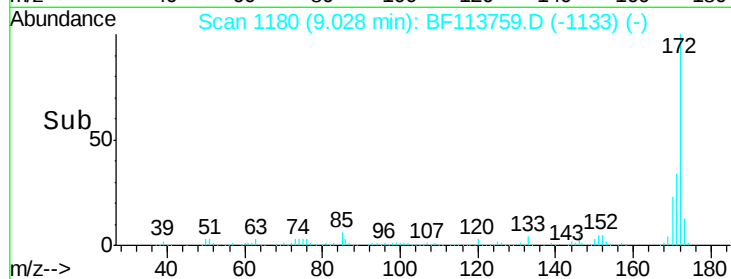
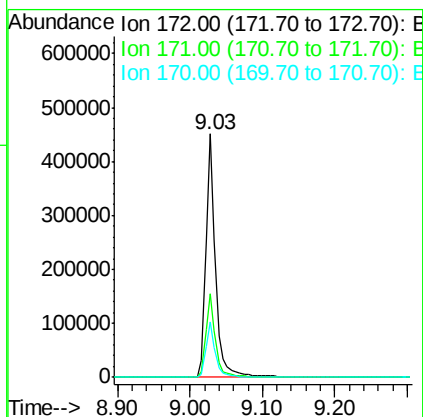
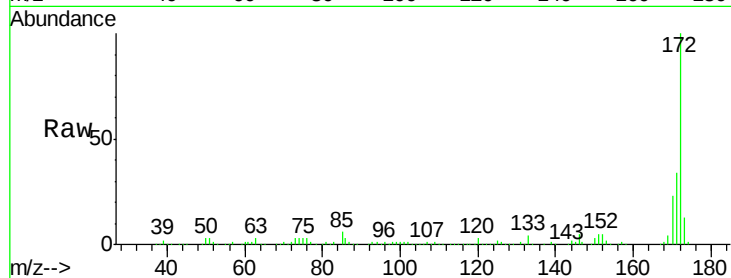




#45
 2-Fluorobiphenyl
 Concen: 39.434 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BF113759.D
 Acq: 13 Apr 2019 1:19

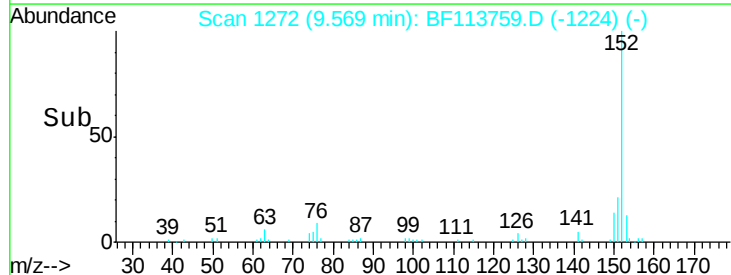
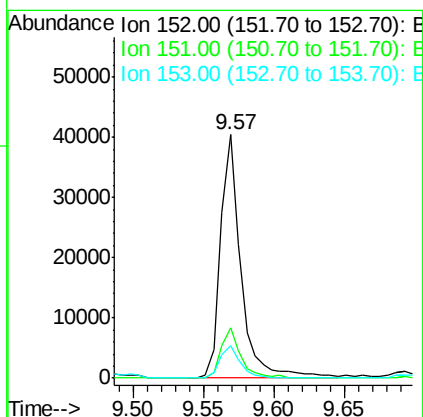
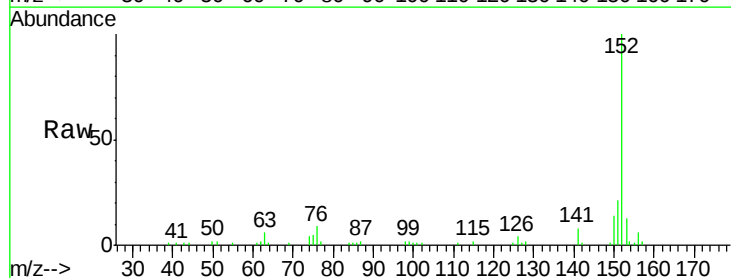
Instrument :
 BNA_F
 ClientSampleId :

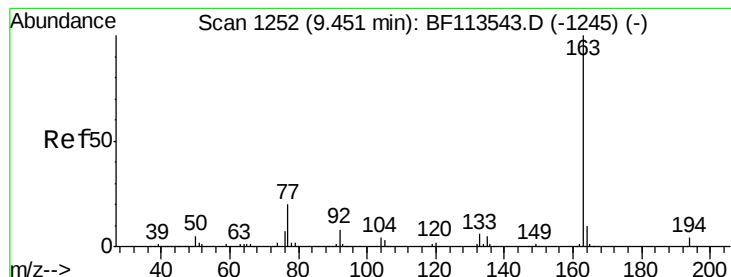
Tot Ion:172 Resp: 420248
 Ion Ratio Lower Upper
 172 100
 171 34.4 29.0 43.6
 170 22.7 19.5 29.3



#49
 Acenaphthylene
 Concen: 2.355 ng
 RT: 9.57 min Scan# 1272
 Delta R.T. -0.02 min
 Lab File: BF113759.D
 Acq: 13 Apr 2019 1:19

Tgt Ion:152 Resp: 41049
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.2 24.4
 153 13.3 11.0 16.6





#50

Dimethylphthalate

Concen: 4.530 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.02 min

Lab File: BF113759.D

Acq: 13 Apr 2019 1:19

Instrument :

BNA_F

ClientSampleId :

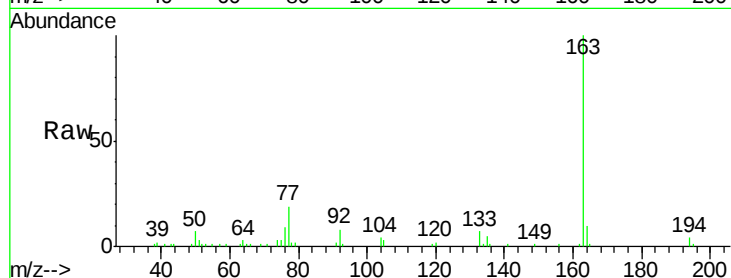
Tot Ion:163 Resp: 57294

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

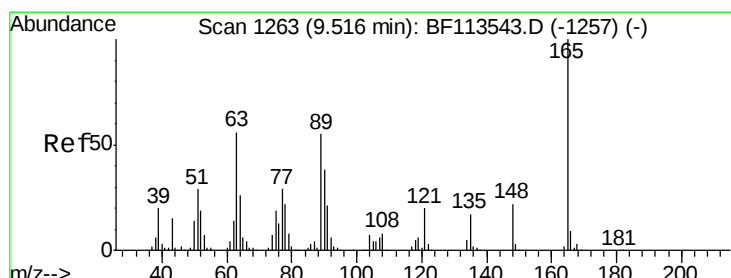
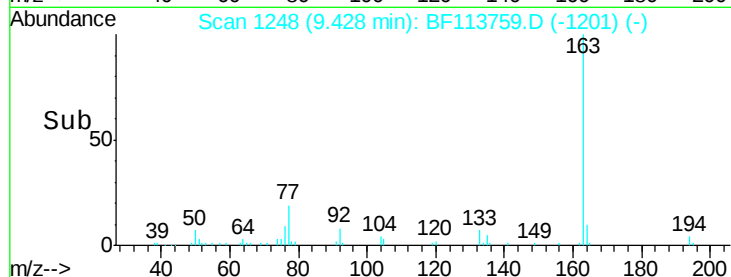
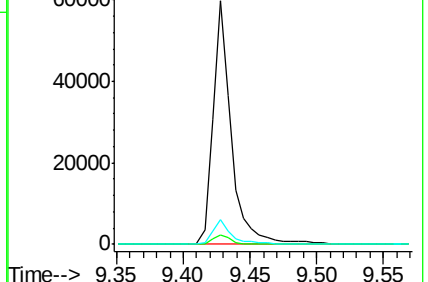
164 9.9 8.1 12.1



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

2,6-Dinitrotoluene

Concen: 8.163 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.19 min

Lab File: BF113759.D

Acq: 13 Apr 2019 1:19

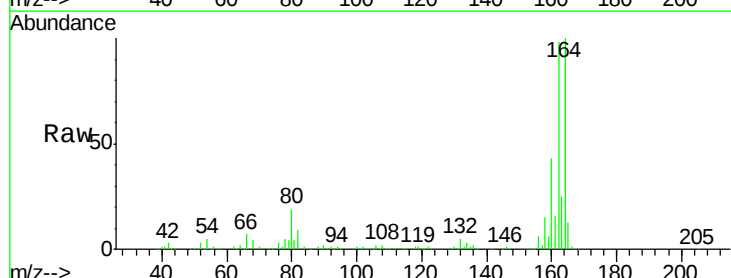
Tgt Ion:165 Resp: 22756

Ion Ratio Lower Upper

165 100

63 1.9 43.4 65.0#

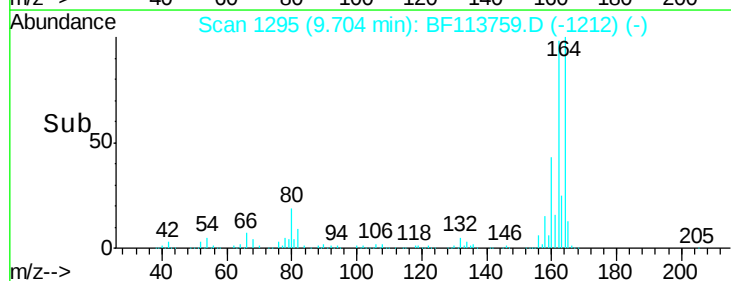
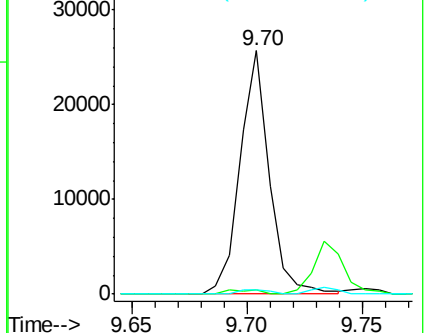
89 1.5 43.1 64.7#

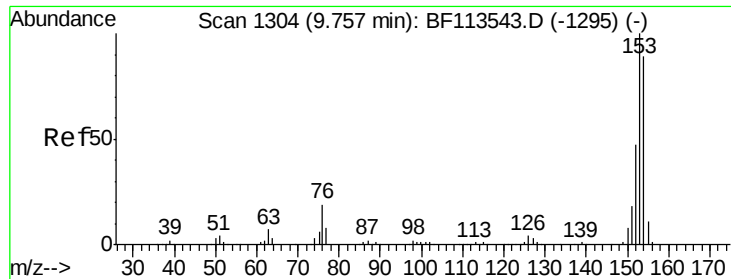


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 6.645 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BF113759.D

Acq: 13 Apr 2019 1:19

Instrument :

BNA_F

ClientSampled :

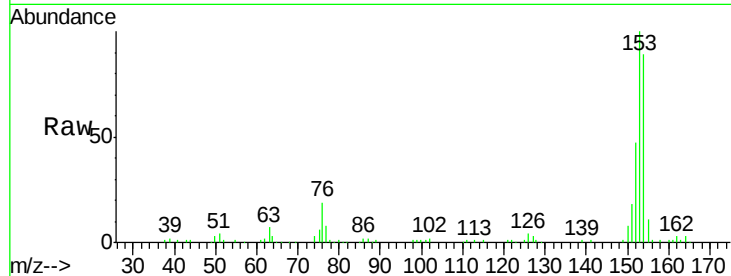
Tot Ion:154 Resp: 66298

Ion Ratio Lower Upper

154 100

153 112.6 89.5 134.3

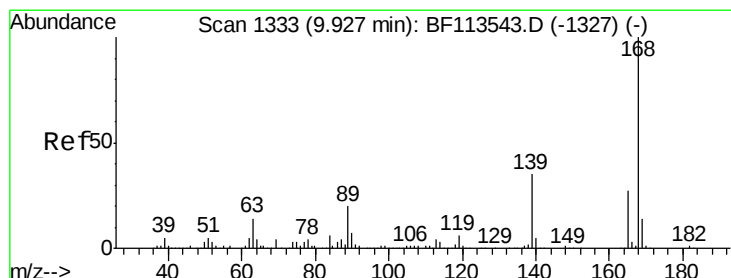
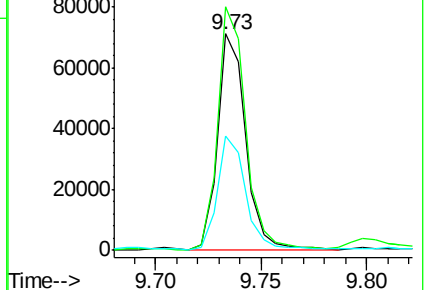
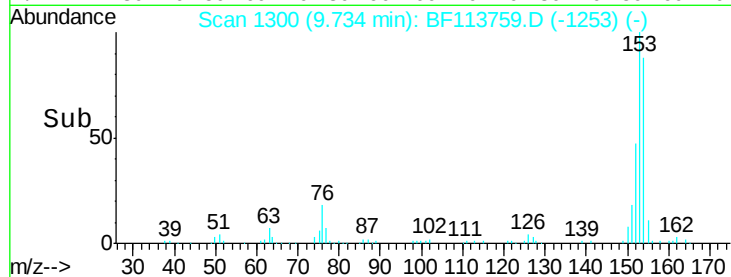
152 52.8 43.3 64.9



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



#55

Dibenzofuran

Concen: 3.454 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF113759.D

Acq: 13 Apr 2019 1:19

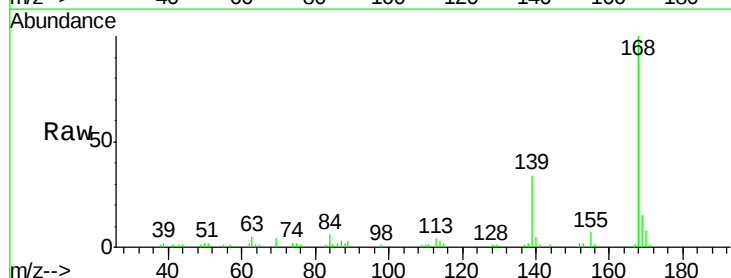
Tgt Ion:168 Resp: 50557

Ion Ratio Lower Upper

168 100

139 34.3 29.7 44.5

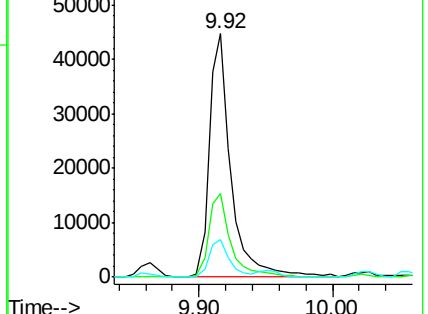
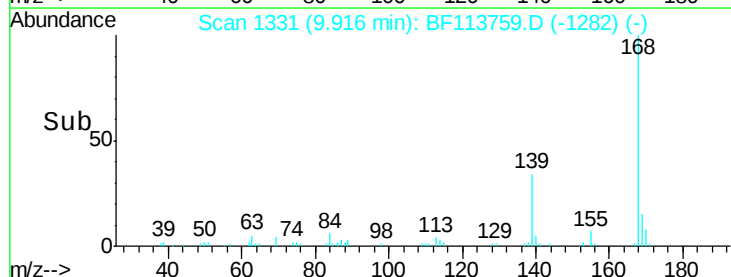
169 15.4 10.7 16.1

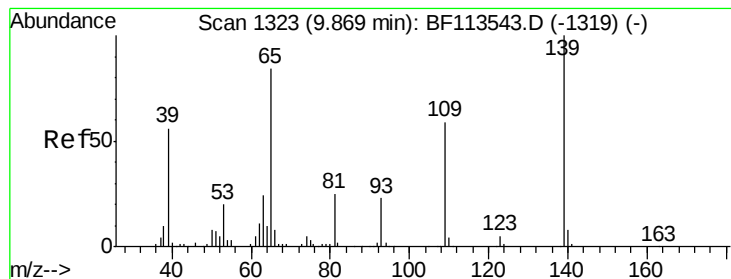


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

4-Nitrophenol

Concen: 9.018 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.05 min

Lab File: BF113759.D

Acq: 13 Apr 2019 1:19

Instrument :

BNA_F

ClientSampleId :

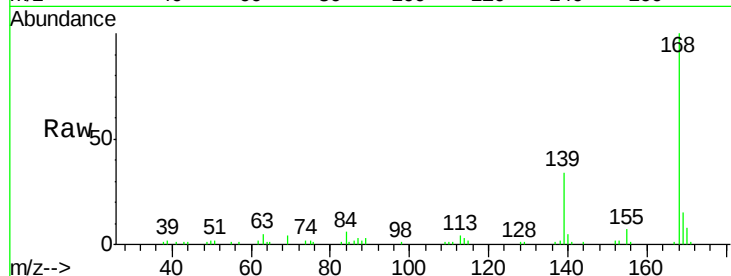
Tot Ion:139 Resp: 17730

Ion Ratio Lower Upper

139 100

109 2.0 46.9 86.9#

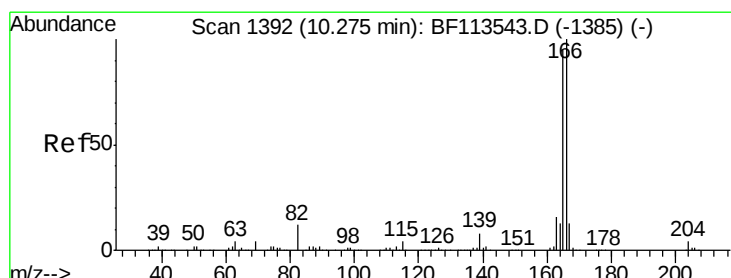
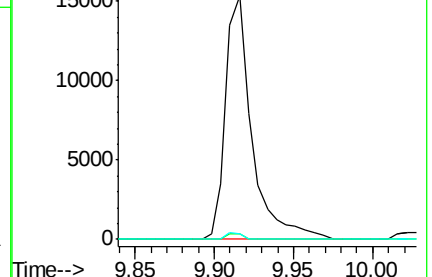
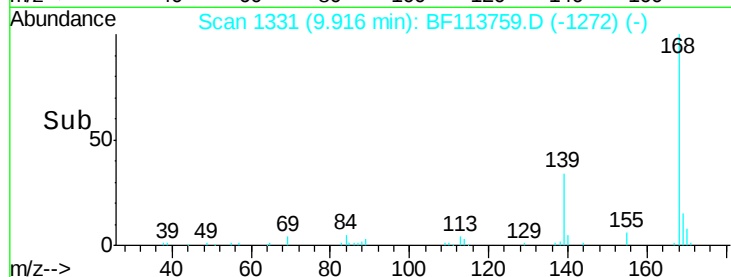
65 2.2 77.2 117.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#58

Fluorene

Concen: 6.054 ng

RT: 10.25 min Scan# 1388

Delta R.T. -0.02 min

Lab File: BF113759.D

Acq: 13 Apr 2019 1:19

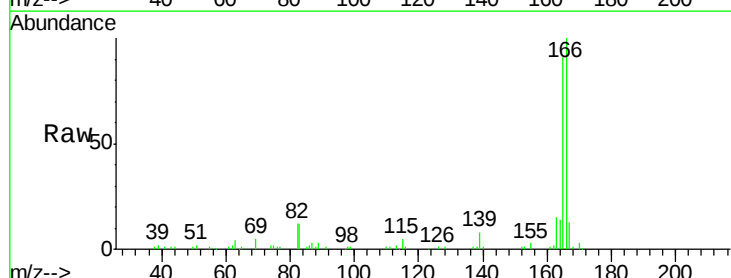
Tgt Ion:166 Resp: 70083

Ion Ratio Lower Upper

166 100

165 91.4 76.2 114.2

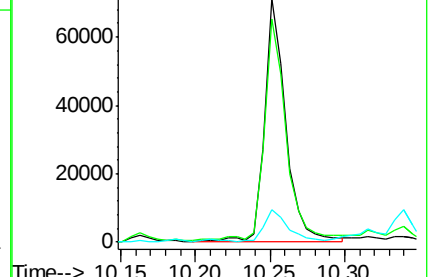
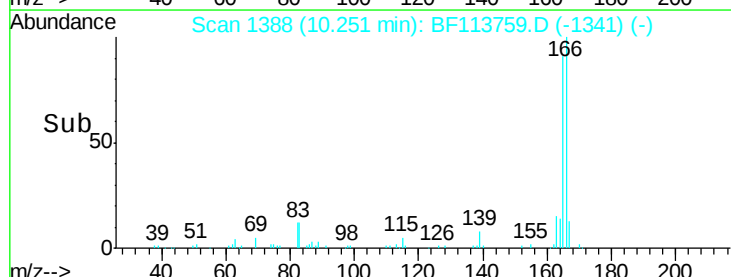
167 13.3 10.7 16.1

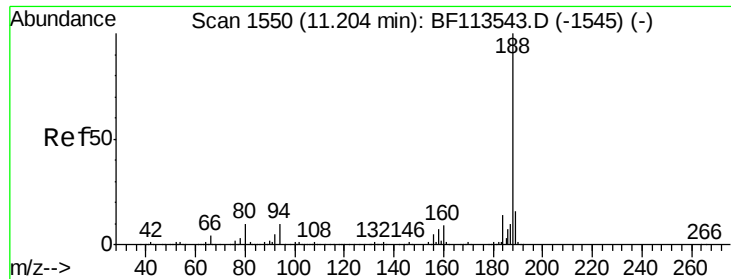


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.02 min

Lab File: BF113759.D

Acq: 13 Apr 2019 1:19

Instrument :

BNA_F

ClientSampled :

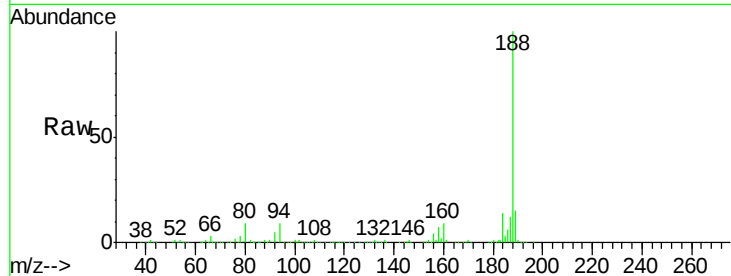
Tot Ion:188 Resp: 329672

Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.6

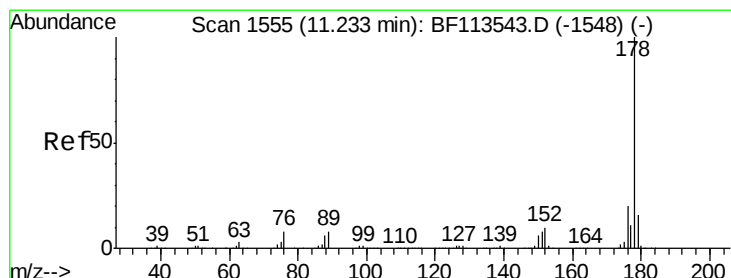
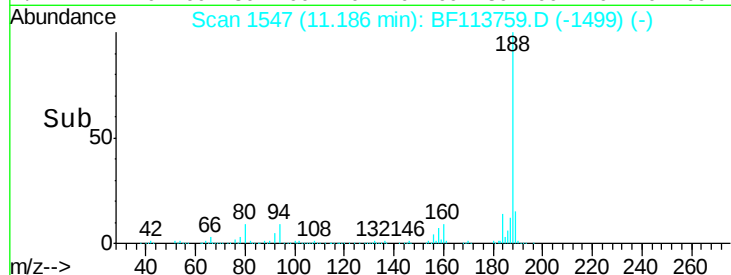
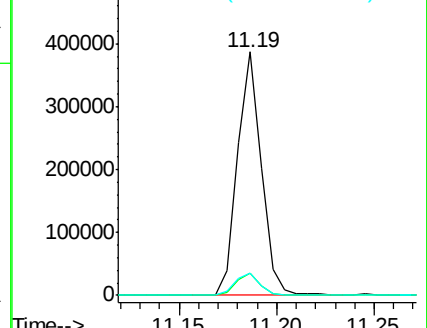
80 9.0 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#71

Phenanthrene

Concen: 55.617 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.02 min

Lab File: BF113759.D

Acq: 13 Apr 2019 1:19

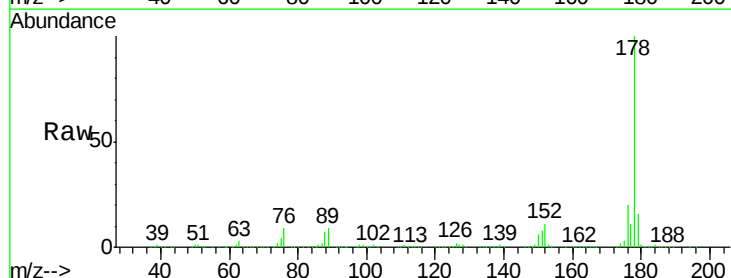
Tgt Ion:178 Resp: 911096

Ion Ratio Lower Upper

178 100

176 19.6 16.2 24.2

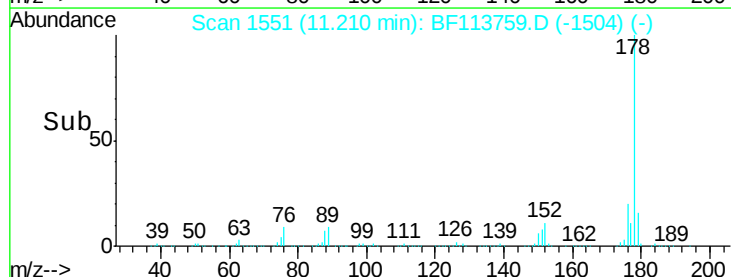
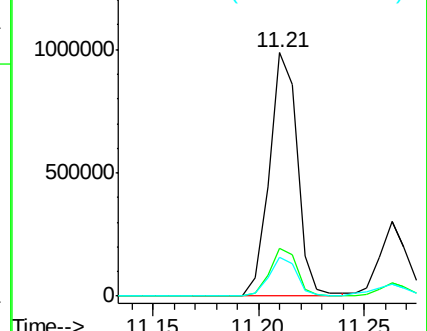
179 15.8 12.7 19.1

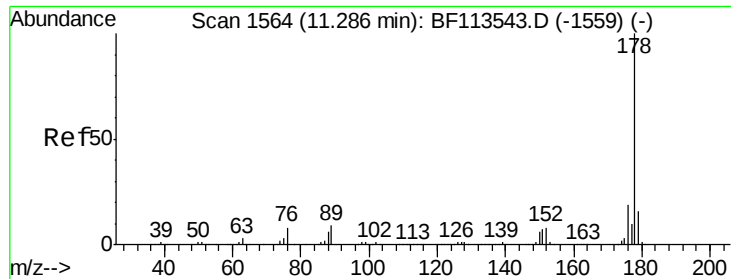


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

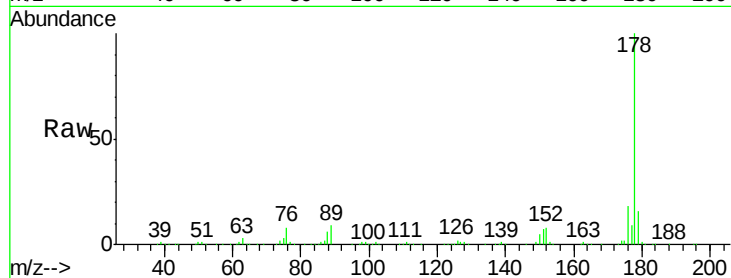




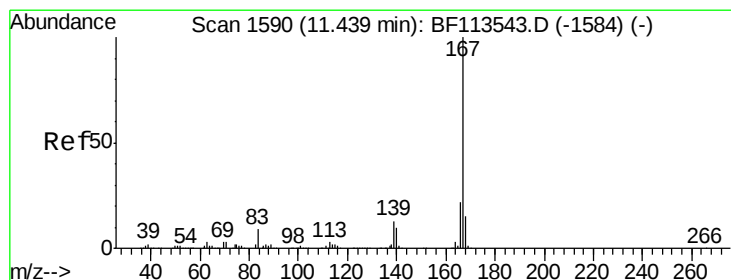
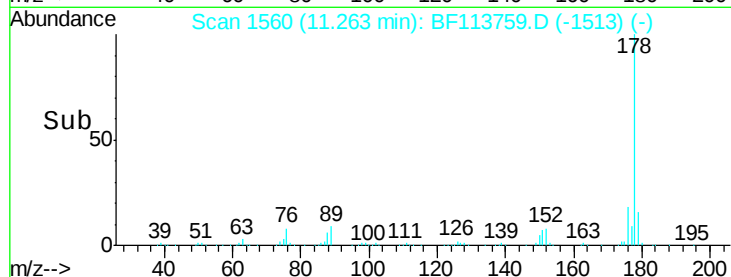
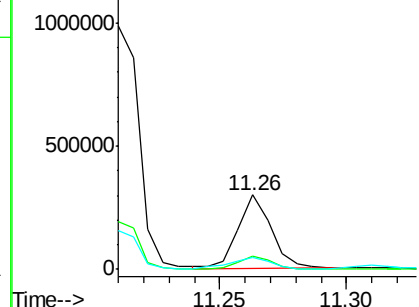
#72
 Anthracene
 Concen: 16.158 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.02 min
 Lab File: BF113759.D
 Acq: 13 Apr 2019 1:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 269304
 Ion Ratio Lower Upper
 178 100
 176 18.0 15.4 23.2
 179 16.2 12.8 19.2

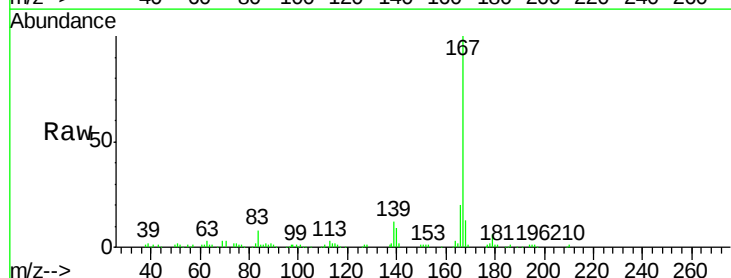


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

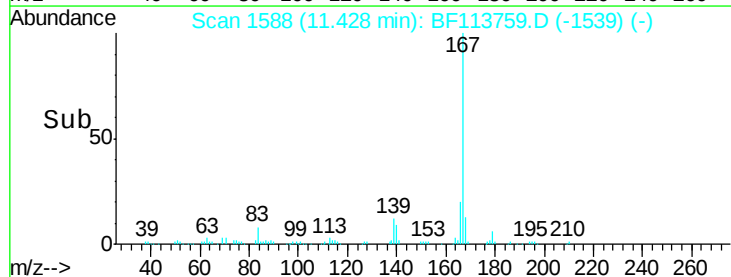
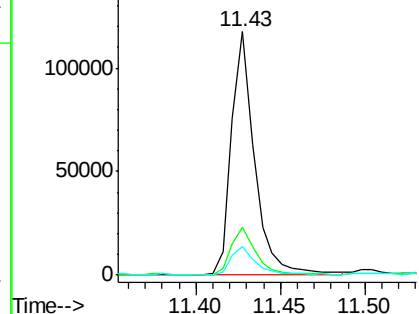


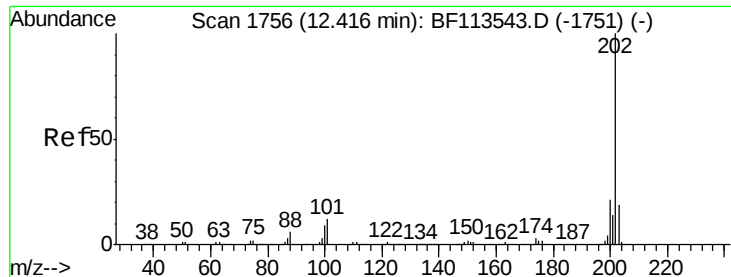
#73
 Carbazole
 Concen: 7.232 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF113759.D
 Acq: 13 Apr 2019 1:19

Tgt Ion:167 Resp: 112739
 Ion Ratio Lower Upper
 167 100
 166 19.8 17.4 26.0
 139 11.8 10.4 15.6



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





#75

Fluoranthene

Concen: 97.436 ng

RT: 12.40 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BF113759.D

Acq: 13 Apr 2019 1:19

Instrument :

BNA_F

ClientSampleId :

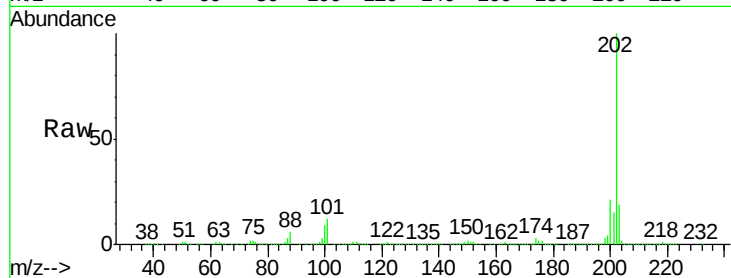
Tot Ion:202 Resp: 1710402

Ion Ratio Lower Upper

202 100

101 11.9 0.0 31.4

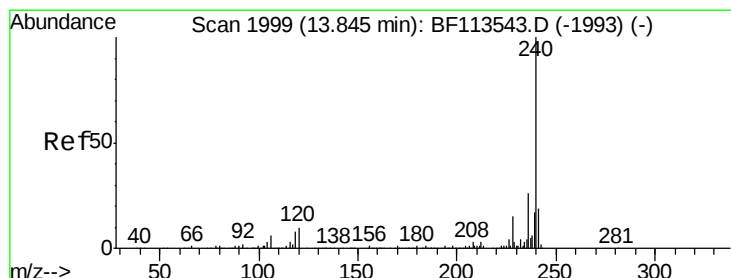
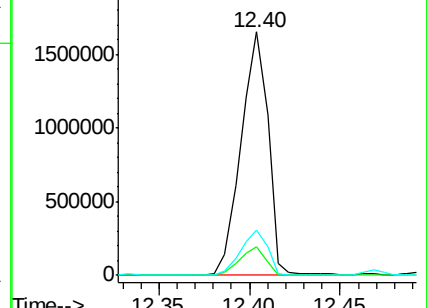
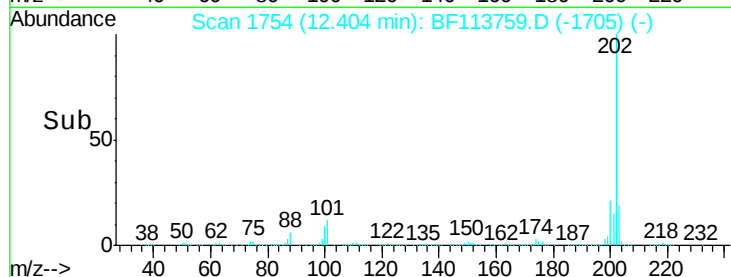
203 18.6 0.0 38.0



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF113759.D

Acq: 13 Apr 2019 1:19

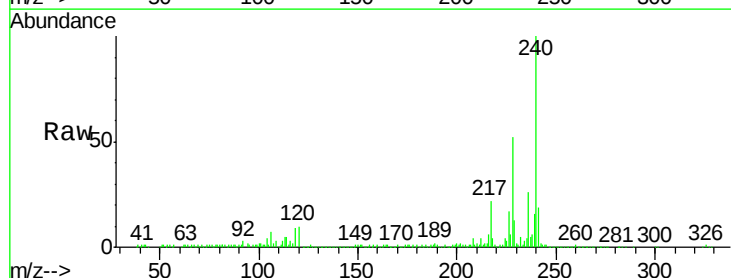
Tgt Ion:240 Resp: 325935

Ion Ratio Lower Upper

240 100

120 10.2 8.8 13.2

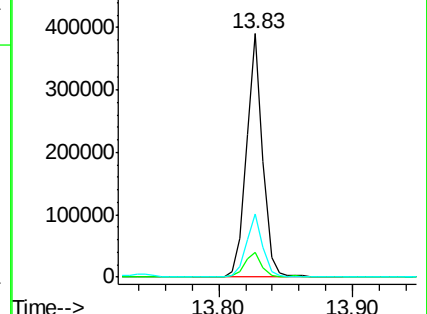
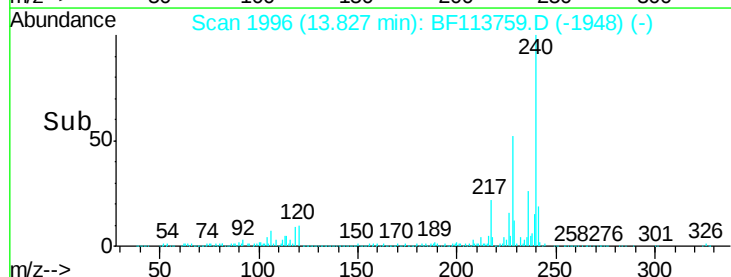
236 25.9 20.9 31.3

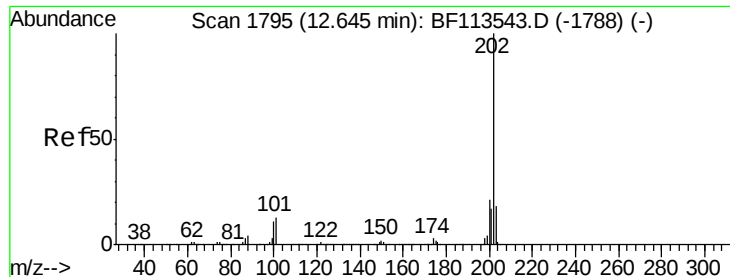


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 64.149 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BF113759.D

Acq: 13 Apr 2019 1:19

Instrument :

BNA_F

ClientSampleId :

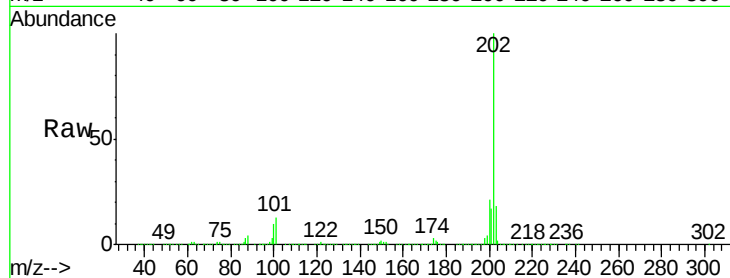
Tot Ion:202 Resp: 1590893

Ion Ratio Lower Upper

202 100

200 21.5 16.8 25.2

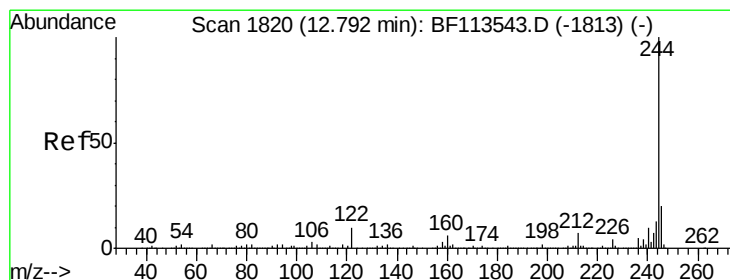
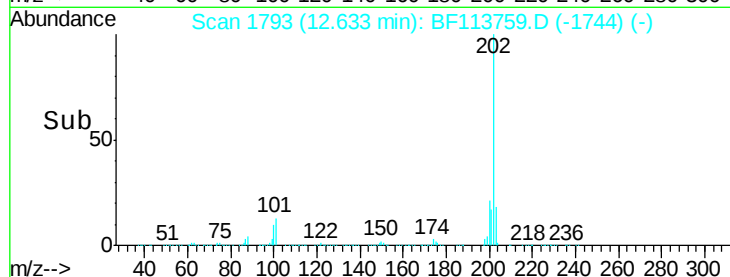
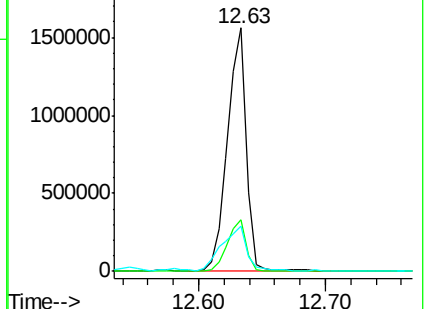
203 18.3 14.4 21.6



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



#79

Terphenyl-d14

Concen: 27.112 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.03 min

Lab File: BF113759.D

Acq: 13 Apr 2019 1:19

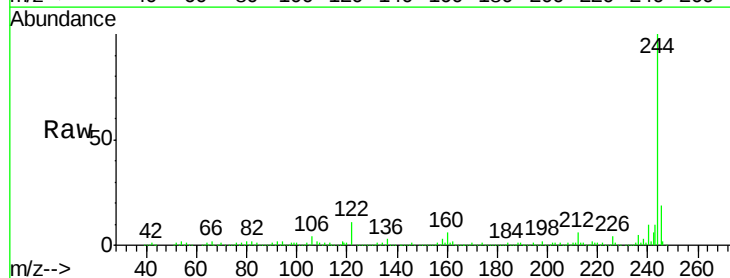
Tgt Ion:244 Resp: 434027

Ion Ratio Lower Upper

244 100

212 6.2 5.5 8.3

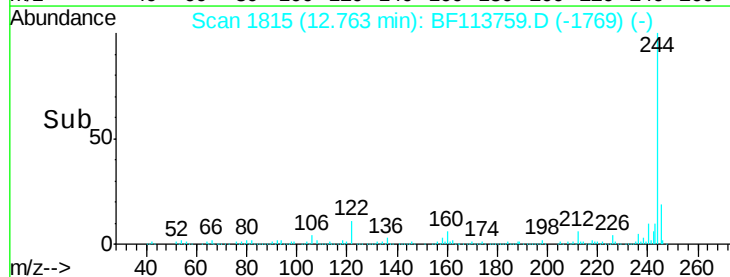
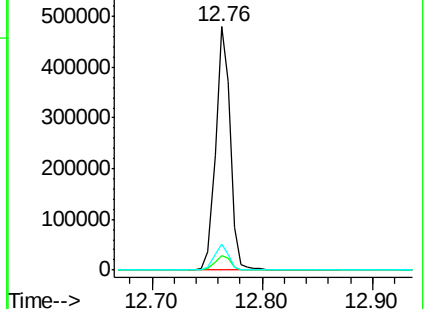
122 10.9 8.6 13.0

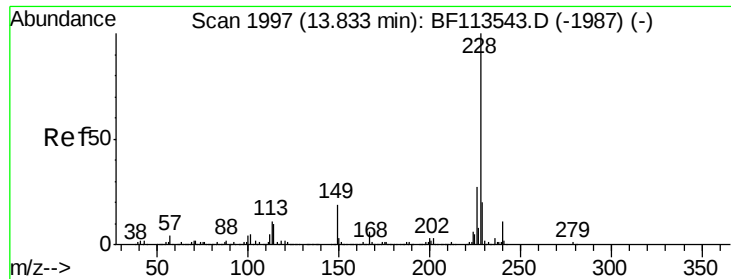


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

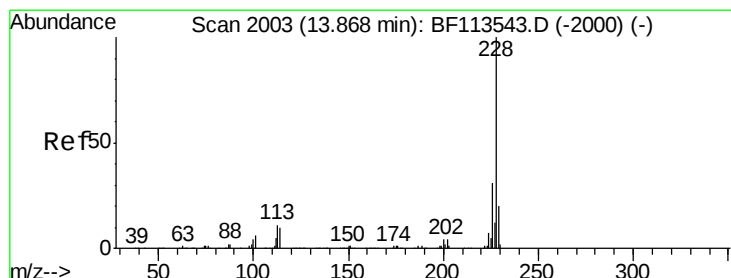
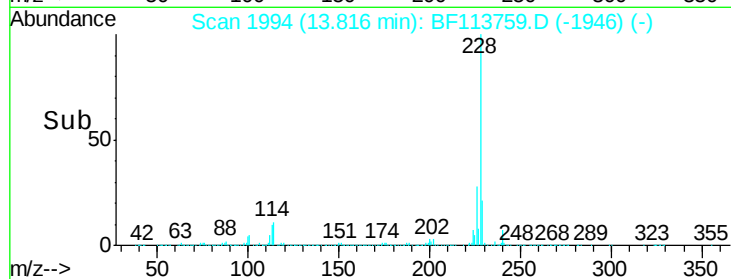
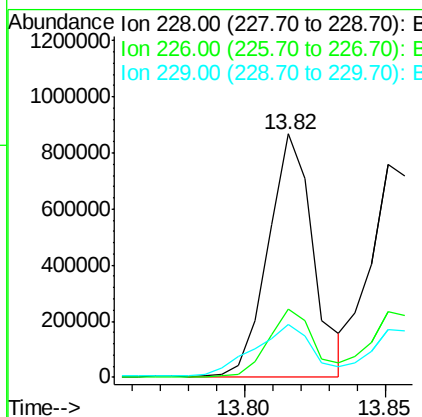
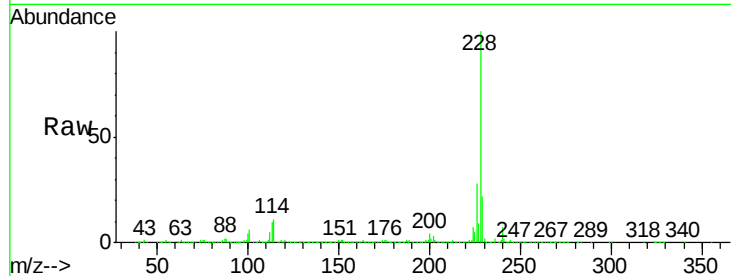




#81
Benzo(a)anthracene
Concen: 50.931 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BF113759.D
Acq: 13 Apr 2019 1:19

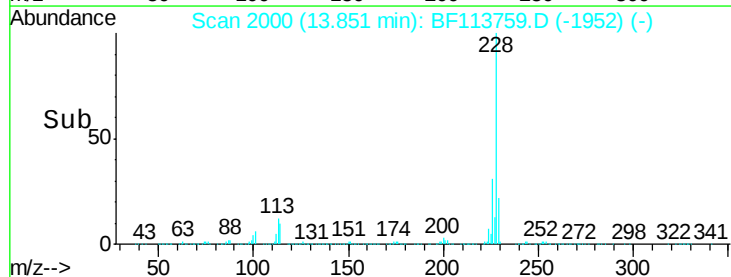
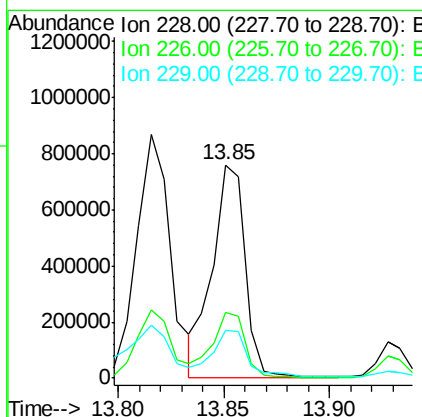
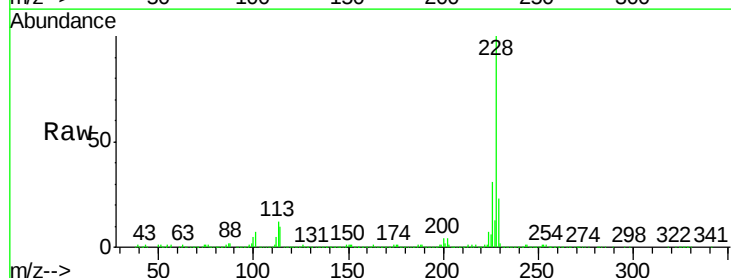
Instrument :
BNA_F
ClientSampleId :

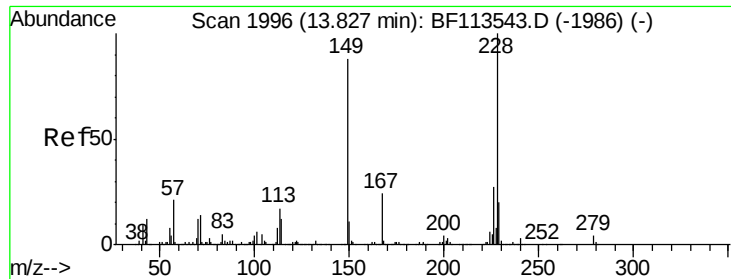
Tot Ion:228 Resp: 957593
Ion Ratio Lower Upper
228 100
226 28.0 21.8 32.8
229 21.5 16.2 24.4



#83
Chrysene
Concen: 42.789 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BF113759.D
Acq: 13 Apr 2019 1:19

Tgt Ion:228 Resp: 815546
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 22.6 16.3 24.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.585 ng

RT: 13.80 min Scan# 1991

Delta R.T. -0.03 min

Lab File: BF113759.D

Acq: 13 Apr 2019 1:19

Instrument :

BNA_F

ClientSampleId :

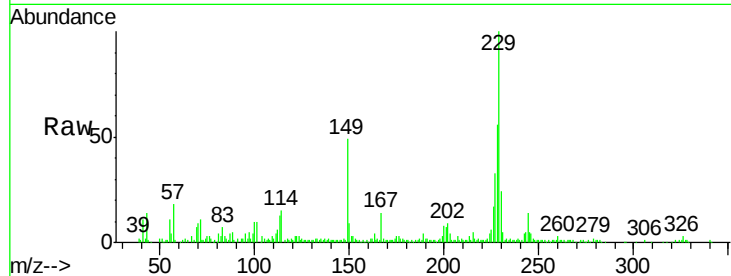
Tot Ion:149 Resp: 31554

Ion Ratio Lower Upper

149 100

167 28.1 21.8 32.8

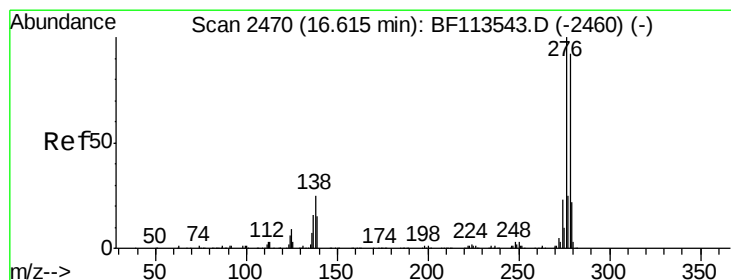
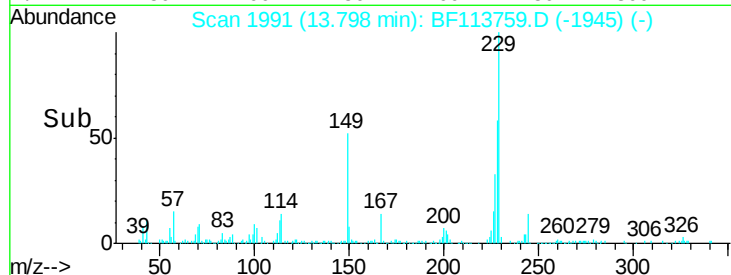
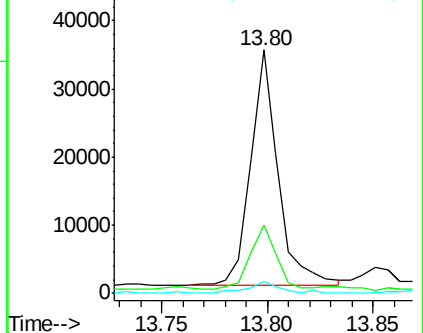
279 4.9 2.9 4.3#



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 18.456 ng

RT: 16.60 min Scan# 2467

Delta R.T. -0.02 min

Lab File: BF113759.D

Acq: 13 Apr 2019 1:19

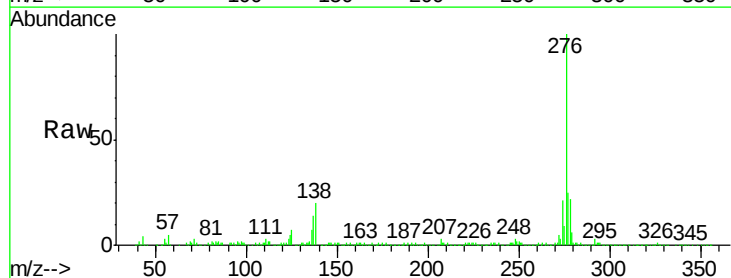
Tgt Ion:276 Resp: 324772

Ion Ratio Lower Upper

276 100

138 20.0 18.1 27.1

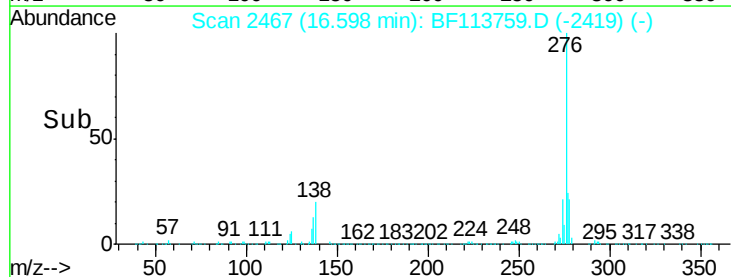
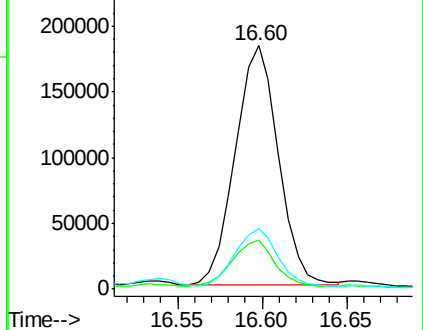
277 24.1 20.2 30.4

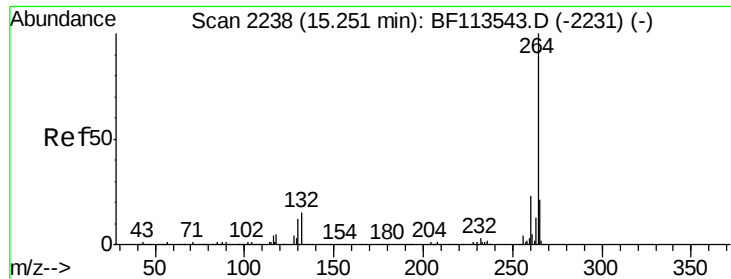


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

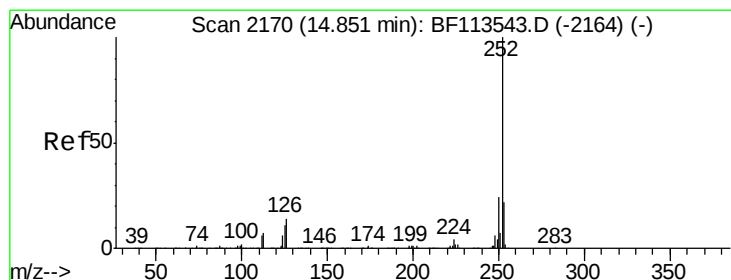
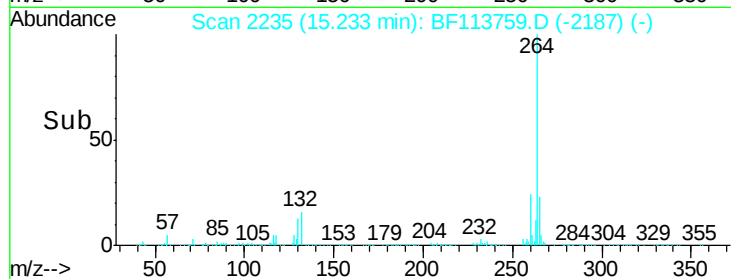
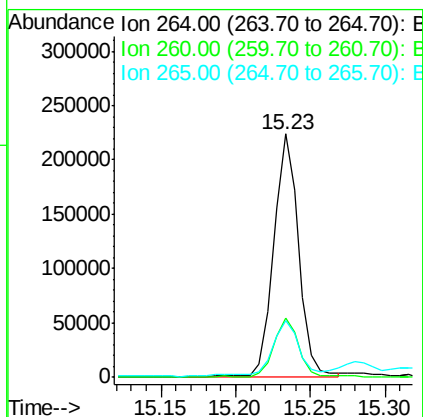
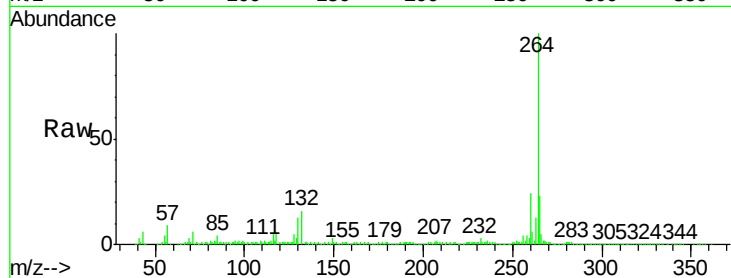




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BF113759.D
Acq: 13 Apr 2019 1:19

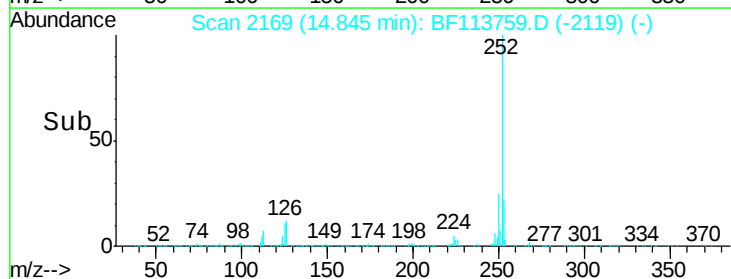
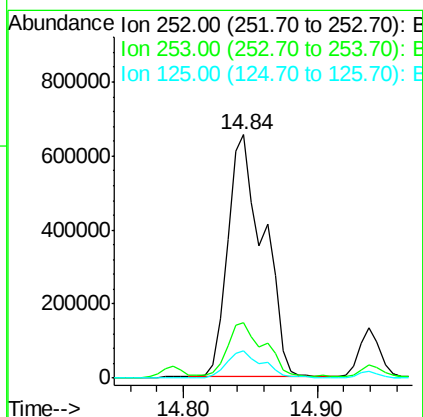
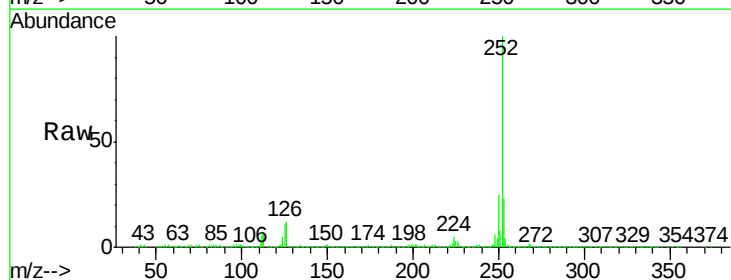
Instrument :
BNA_F
ClientSampleId :

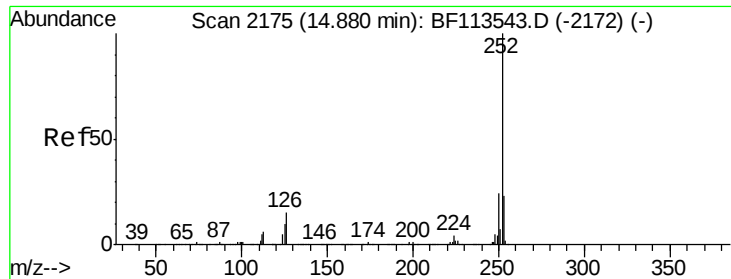
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.1	28.7
265	23.4	17.1	25.7



#88
Benzo(b)fluoranthene
Concen: 76.926 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF113759.D
Acq: 13 Apr 2019 1:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	11.1	7.6	11.4

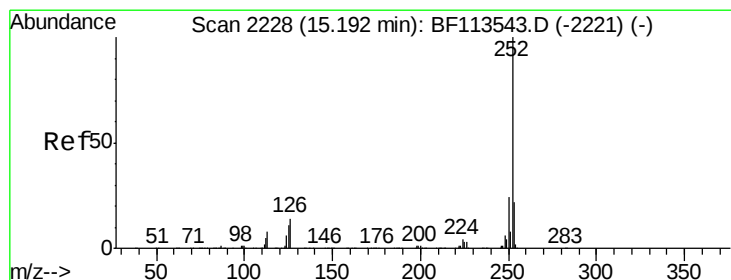
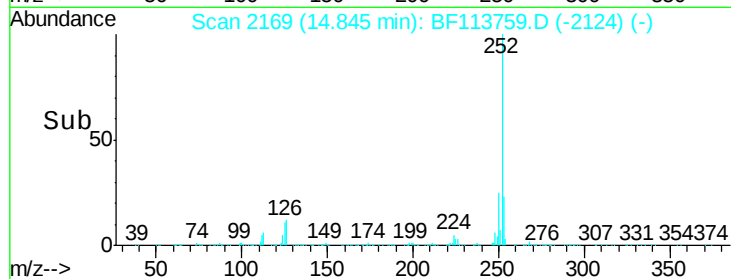
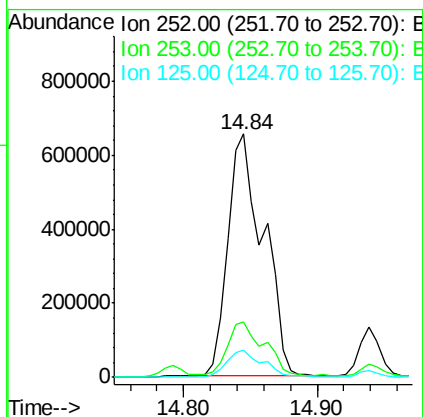
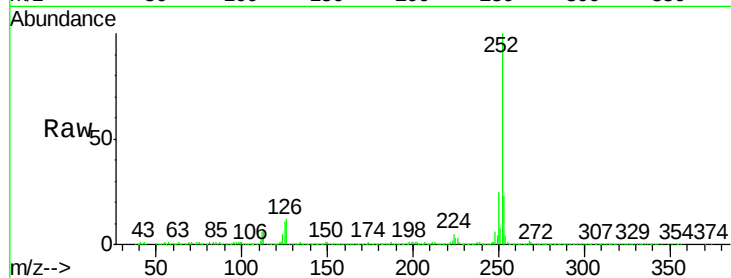




#89
Benzo(k)fluoranthene
Concen: 85.705 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.04 min
Lab File: BF113759.D
Acq: 13 Apr 2019 1:19

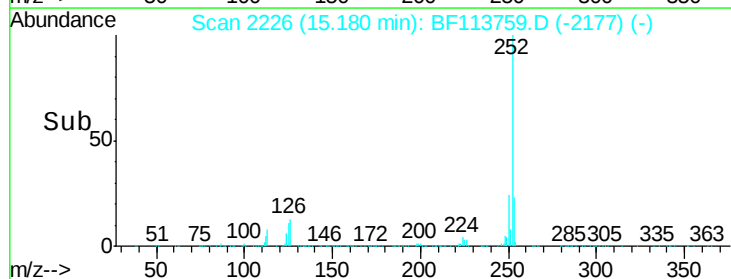
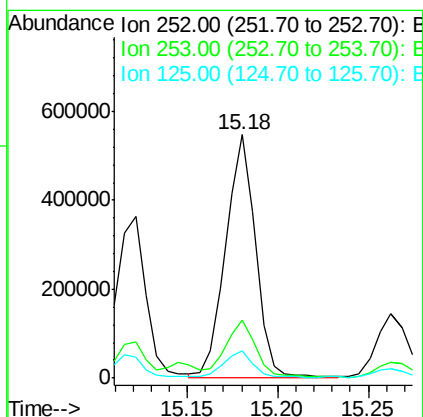
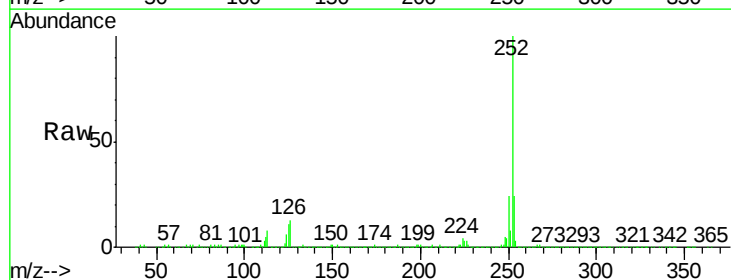
Instrument :
BNA_F
ClientSampled :

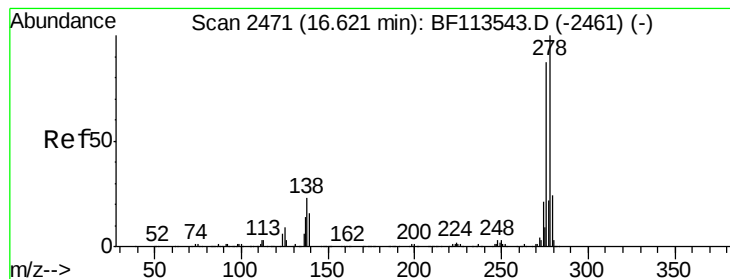
Tot Ion:252 Resp: 1215015
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 11.1 7.3 10.9#



#90
Benzo(a)pyrene
Concen: 44.382 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF113759.D
Acq: 13 Apr 2019 1:19

Tgt Ion:252 Resp: 622971
Ion Ratio Lower Upper
252 100
253 23.9 17.9 26.9
125 11.1 8.8 13.2

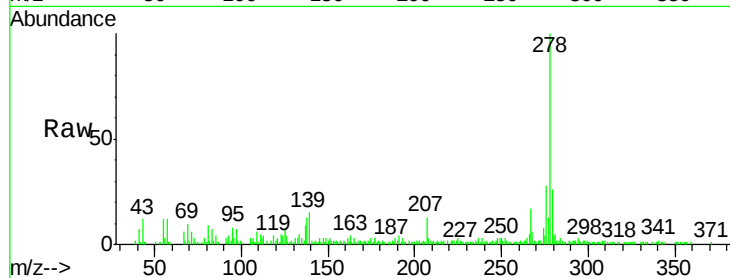




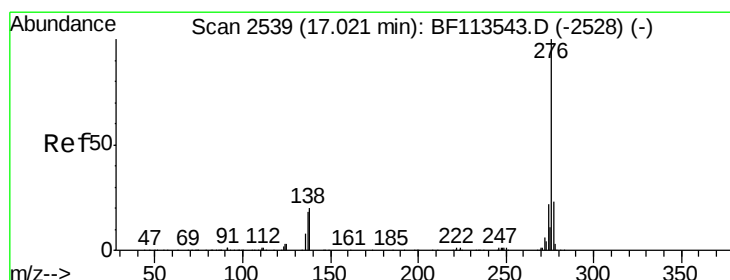
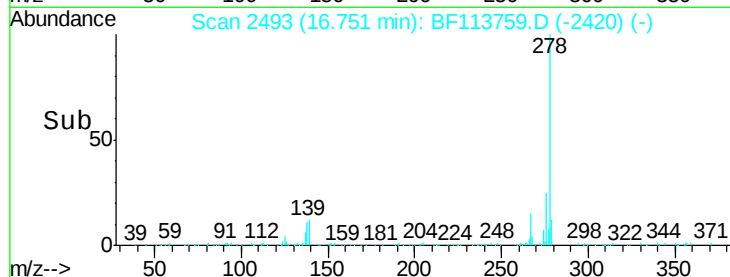
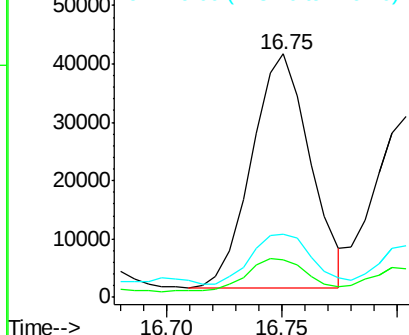
#91
Dibenzo(a,h)anthracene
Concen: 5.412 ng
RT: 16.75 min Scan# 2493
Delta R.T. 0.13 min
Lab File: BF113759.D
Acq: 13 Apr 2019 1:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 71035
Ion Ratio Lower Upper
278 100
139 15.2 12.0 18.0
279 26.1 19.0 28.6

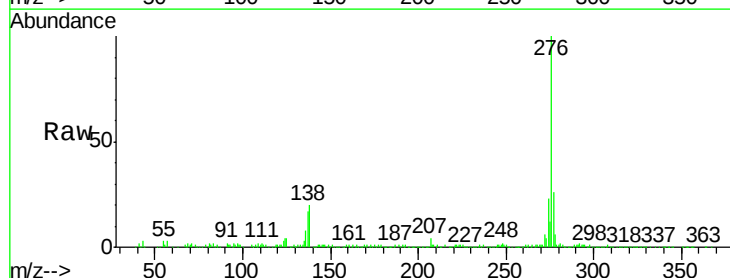


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 22.942 ng
RT: 17.01 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BF113759.D
Acq: 13 Apr 2019 1:19

Tgt Ion:276 Resp: 307373
Ion Ratio Lower Upper
276 100
277 25.6 18.8 28.2
138 19.9 15.6 23.4



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

