

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040319\
 Data File : BF113567.D
 Acq On : 4 Apr 2019 2:49
 Operator : JU/SJ
 Sample : K2203-03 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 04 04:29:49 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	6.69	152	118700	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	405394	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	175347	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	356230	20.00	ng	0.00
76) Chrysene-d12	13.84	240	295826	20.00	ng	0.00
87) Perylene-d12	15.26	264	228022	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	347218	49.88	ng	0.00
7) Phenol-d6	6.33	99	438870	51.15	ng	0.00
23) Nitrobenzene-d5	7.25	82	236022	34.10	ng	-0.01
42) 2,4,6-Tribromophenol	10.51	330	103511	49.14	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	450819	41.39	ng	0.00
79) Terphenyl-d14	12.79	244	540125	37.17	ng	0.00

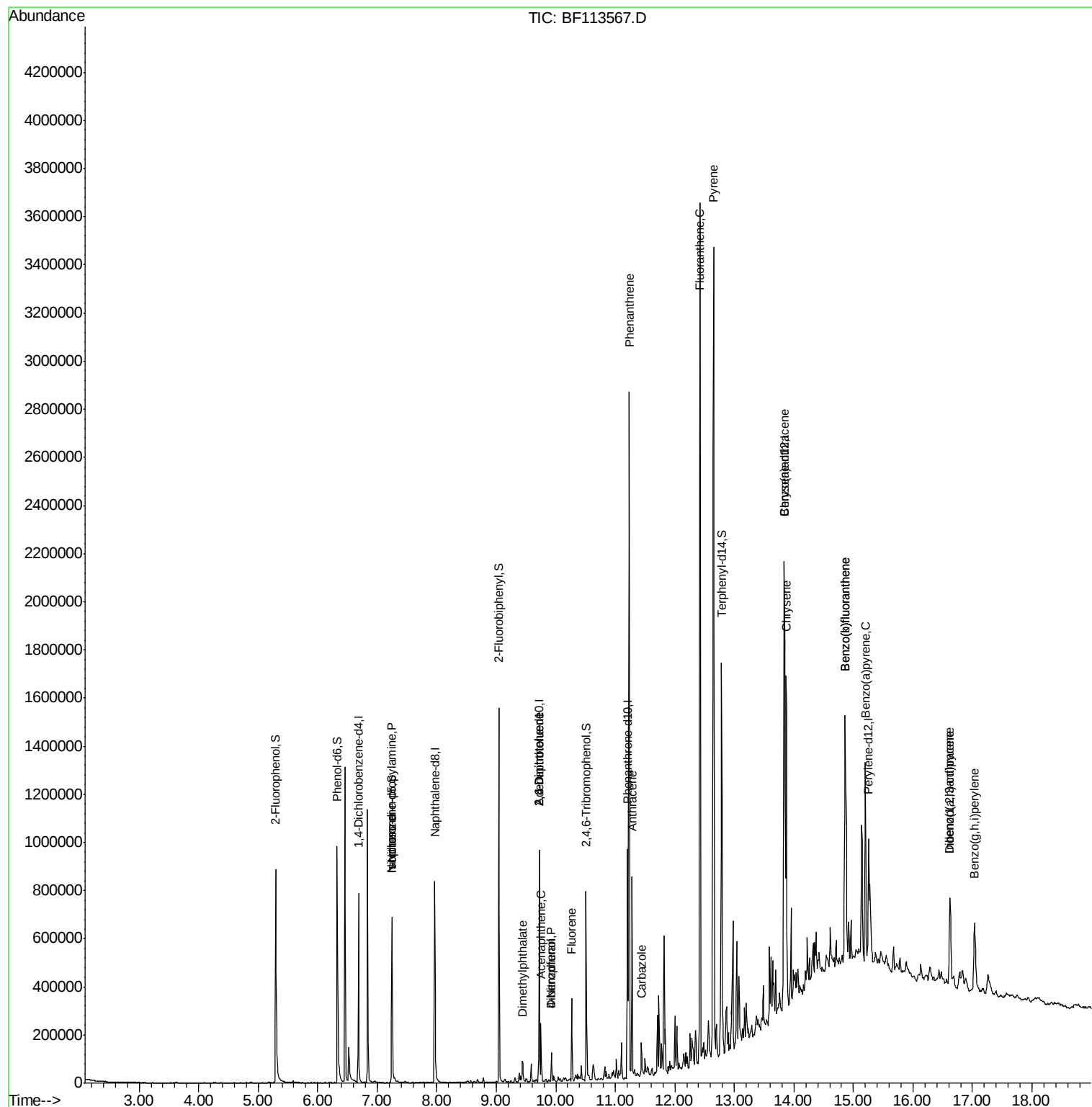
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.25	70	28654	5.416	ng	# 79
25) Isophorone	7.25	82	236020	17.703	ng	# 64
50) Dimethylphthalate	9.44	163	37590	2.908	ng	99
51) 2,6-Dinitrotoluene	9.72	165	22607	7.935	ng	# 27
52) Acenaphthene	9.75	154	54493	5.344	ng	95
55) Dibenzofuran	9.93	168	42967	2.872	ng	94
56) 4-Nitrophenol	9.93	139	15008	7.469	ng	# 10
57) 2,4-Dinitrotoluene	9.72	165	22607	6.561	ng	# 23
58) Fluorene	10.27	166	90075	7.613	ng	99
71) Phenanthrene	11.23	178	1089526	61.551	ng	100
72) Anthracene	11.28	178	318053	17.660	ng	99
73) Carbazole	11.44	167	55414	3.290	ng	96
75) Fluoranthene	12.43	202	1737925	91.623	ng	99
78) Pyrene	12.65	202	1519476	67.505	ng	99
81) Benzo(a)anthracene	13.83	228	692916	40.605	ng	98
83) Chrysene	13.87	228	572627	33.102	ng	98
86) Indeno(1,2,3-cd)pyrene	16.63	276	240617	15.065	ng	94
88) Benzo(b)fluoranthene	14.86	252	789955	56.596	ng	# 98
89) Benzo(k)fluoranthene	14.86	252	789955	63.061	ng	# 97
90) Benzo(a)pyrene	15.20	252	403869	32.563	ng	98
91) Dibenzo(a,h)anthracene	16.63	278	60013	5.174	ng	# 81
92) Benzo(g,h,i)perylene	17.03	276	239278	20.212	ng	97

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

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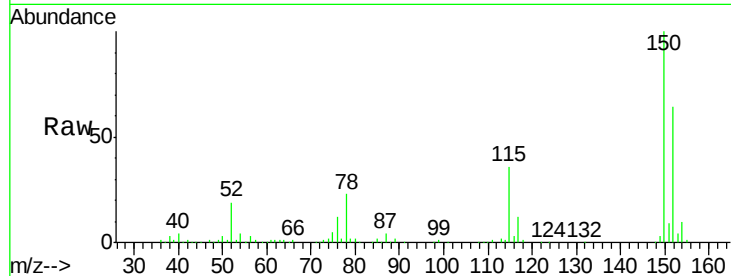


#1

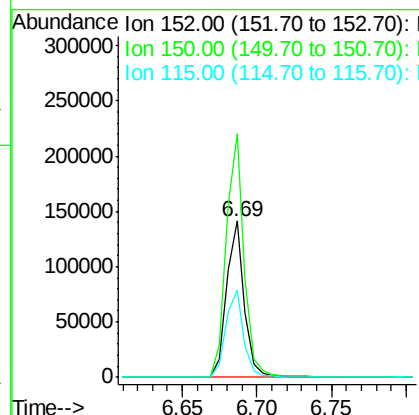
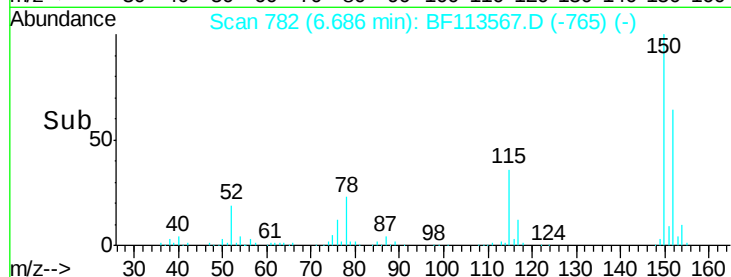
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF113567.D
Acq: 4 Apr 2019 2:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 118700
Ion Ratio Lower Upper
152 100
150 155.7 124.7 187.1
115 56.1 46.0 69.0



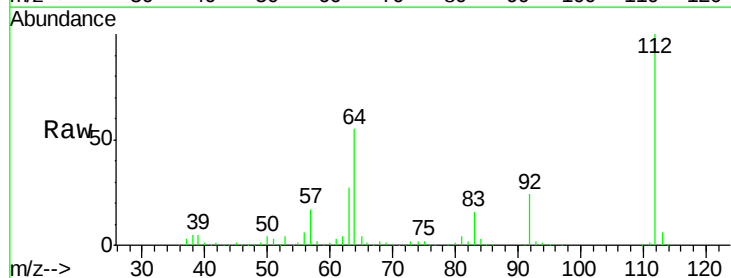
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



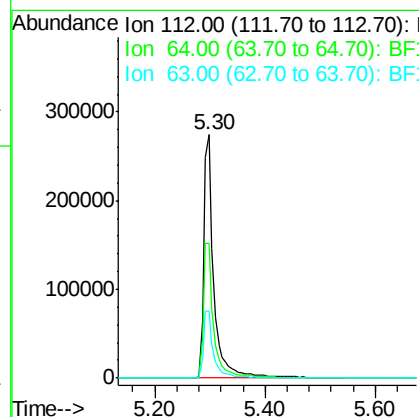
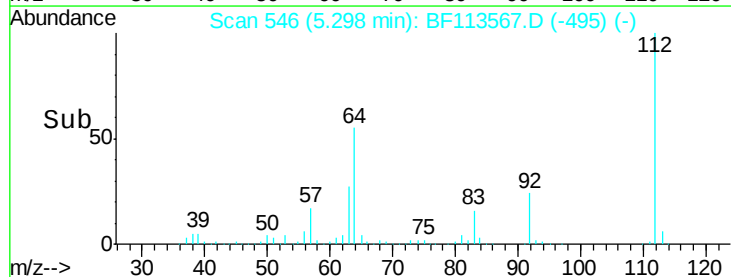
#5

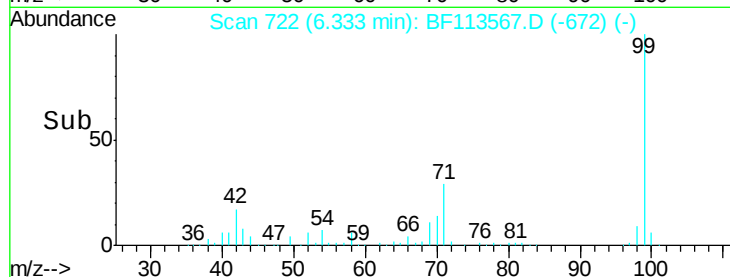
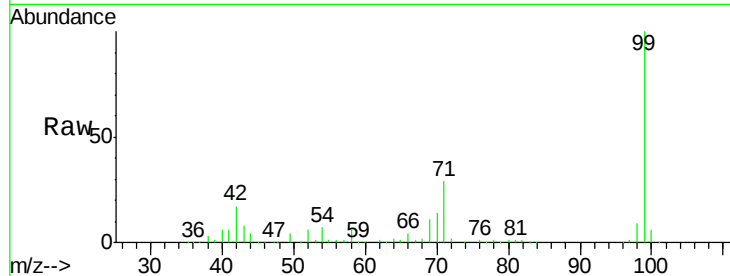
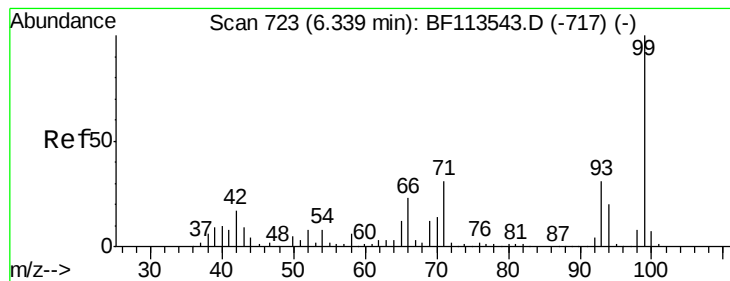
2-Fluorophenol
Concen: 49.881 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF113567.D
Acq: 4 Apr 2019 2:49

Tgt Ion:112 Resp: 347218
Ion Ratio Lower Upper
112 100
64 55.4 49.2 73.8
63 27.3 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: 51.154 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113567.D

Acq: 4 Apr 2019 2:49

Tot Ion: 99 Resp: 438870

Ion Ratio Lower Upper

99 100

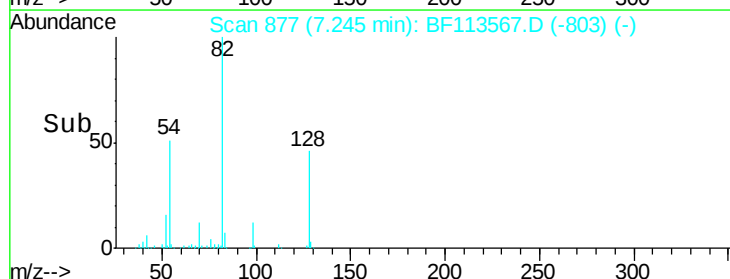
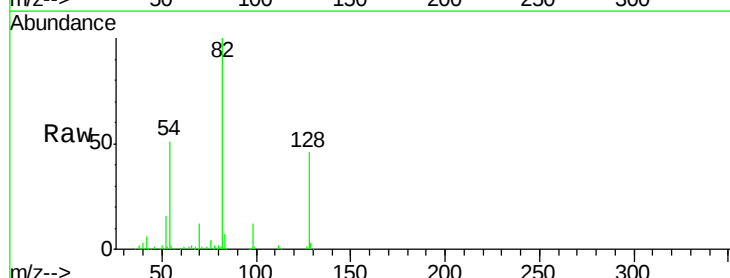
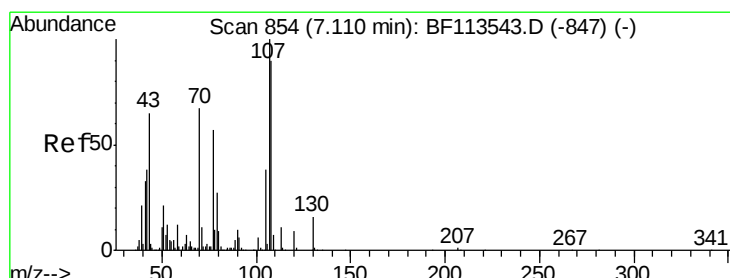
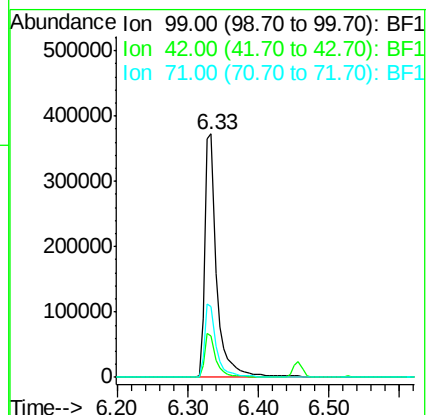
42 16.9 14.8 22.2

71 29.1 24.9 37.3

Instrument :

BNA_F

ClientSampled :



#19

n-Nitroso-di-n-propylamine

Concen: 5.416 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.14 min

Lab File: BF113567.D

Acq: 4 Apr 2019 2:49

Tgt Ion: 70 Resp: 28654

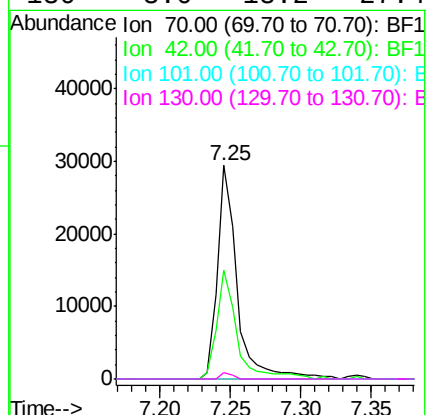
Ion Ratio Lower Upper

70 100

42 50.9 48.4 72.6

101 0.0 7.8 11.8#

130 3.0 18.2 27.4#

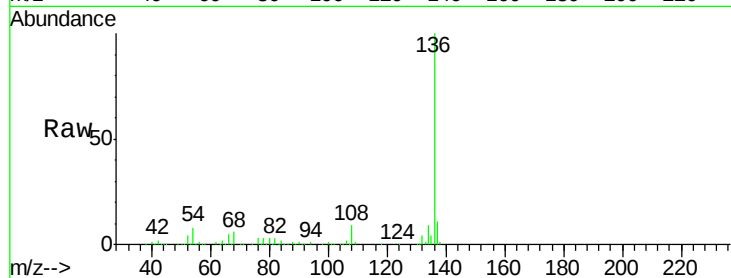




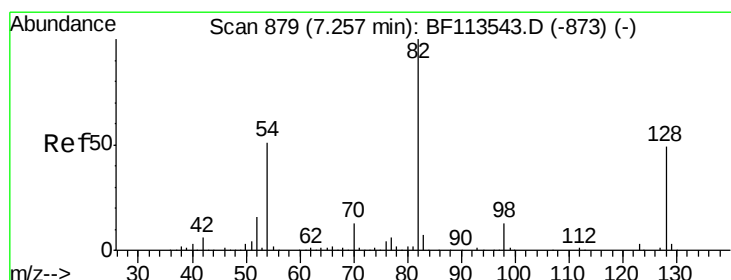
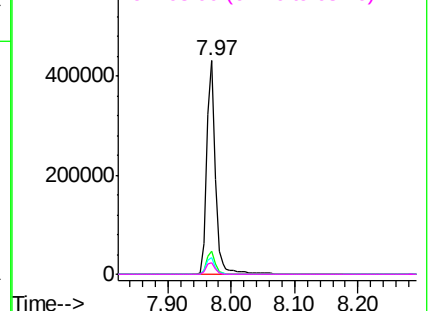
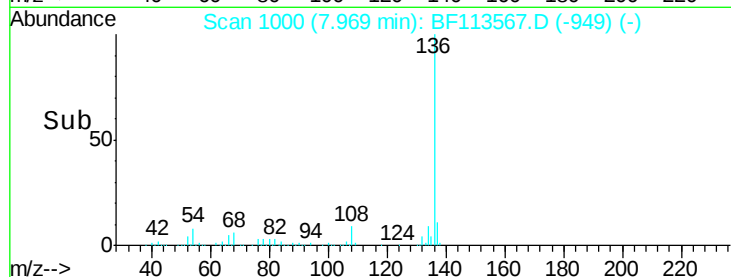
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BF113567.D
Acq: 4 Apr 2019 2:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	405394
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.9 13.3
54	7.7	7.0 10.6
68	5.6	4.8 7.2

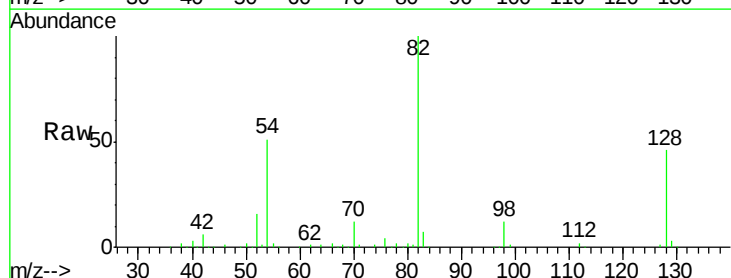


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

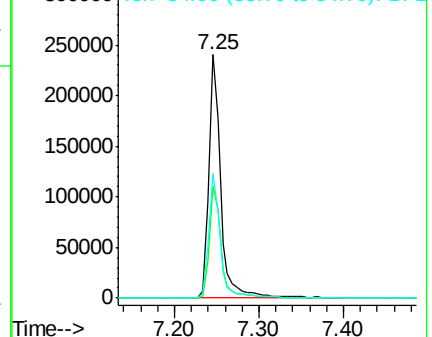
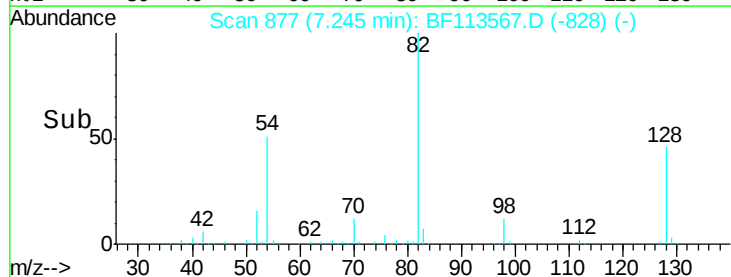


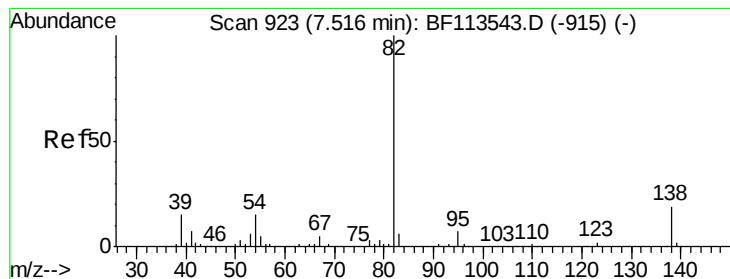
#23
Nitrobenzene-d5
Concen: 34.103 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF113567.D
Acq: 4 Apr 2019 2:49

Tgt Ion: 82	Resp:	236022
Ion	Ratio	Lower Upper
82	100	
128	45.9	36.5 54.7
54	51.2	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: 17.703 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.27 min

Lab File: BF113567.D

Acq: 4 Apr 2019 2:49

Instrument :

BNA_F

ClientSampleId :

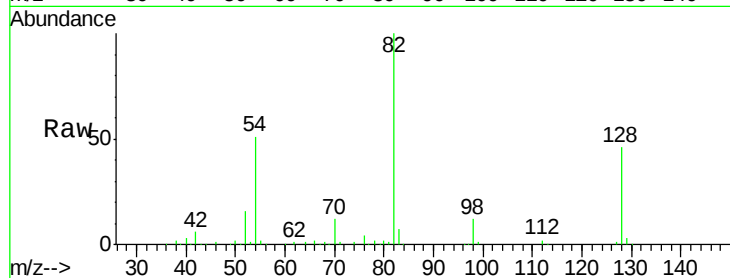
Tot Ion: 82 Resp: 236020

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

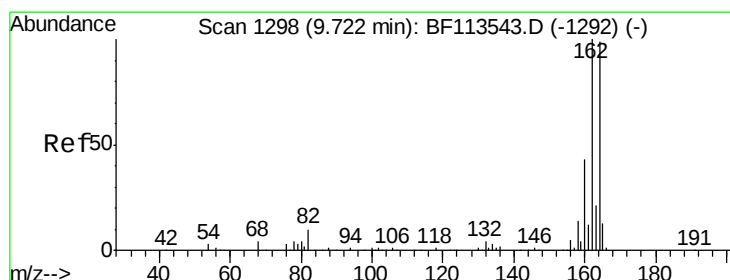
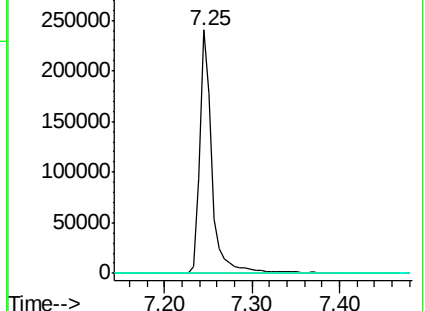
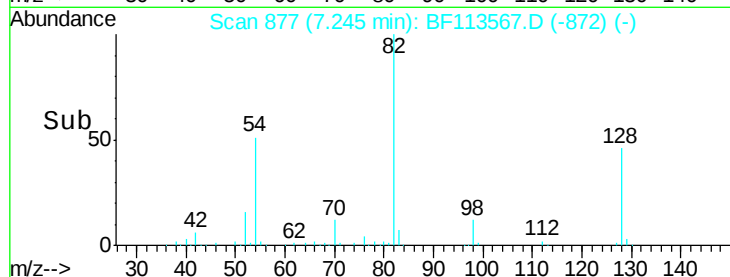
138 0.0 15.2 22.8#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BF113567.D

Acq: 4 Apr 2019 2:49

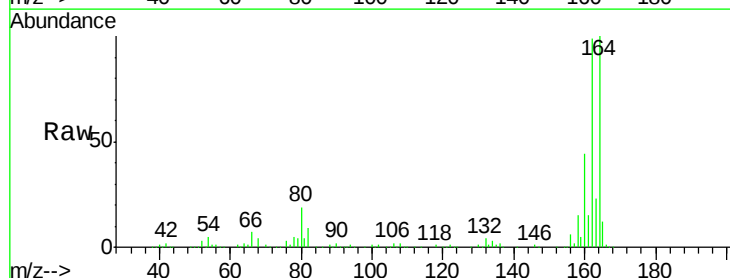
Tgt Ion:164 Resp: 175347

Ion Ratio Lower Upper

164 100

162 98.6 81.8 122.6

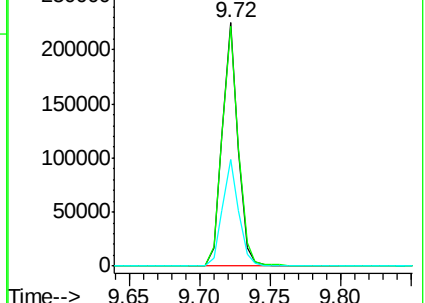
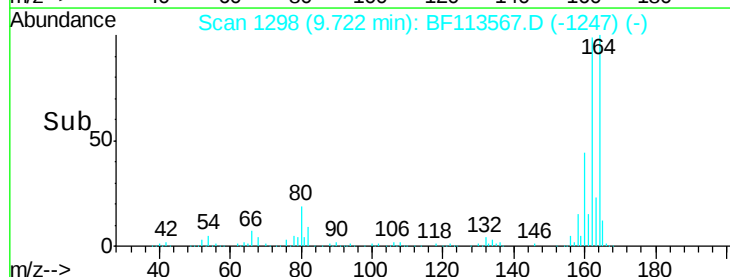
160 44.0 36.4 54.6

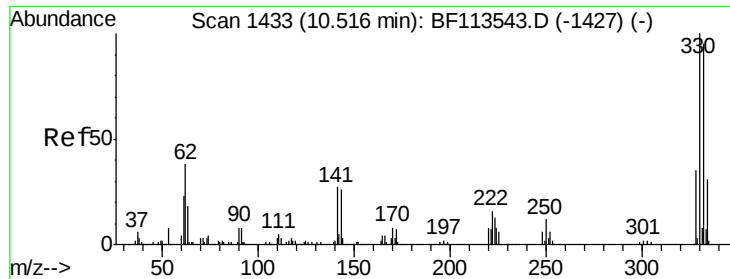


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

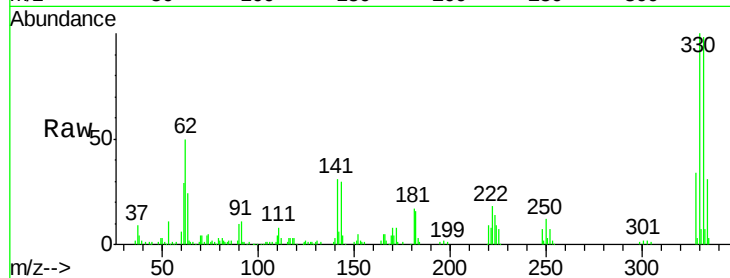




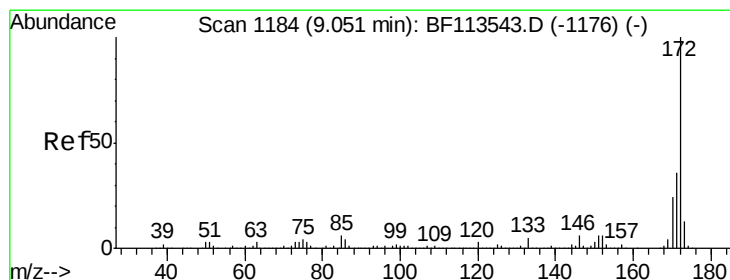
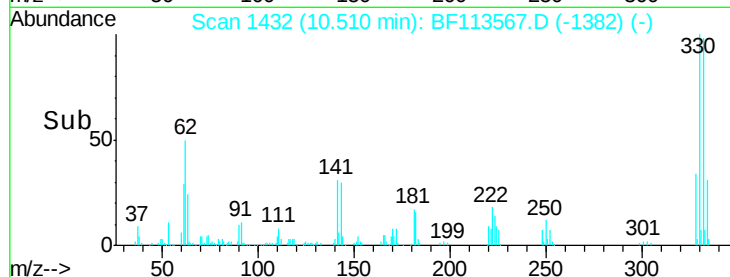
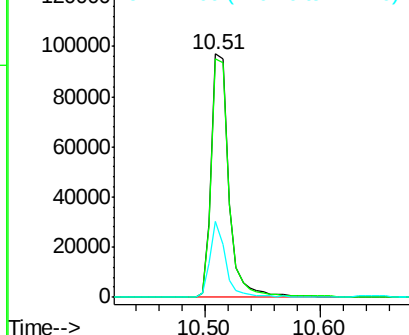
#42
 2,4,6-Tribromophenol
 Concen: 49.142 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF113567.D
 Acq: 4 Apr 2019 2:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 103511
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.8 116.6
 141 28.5 22.7 34.1

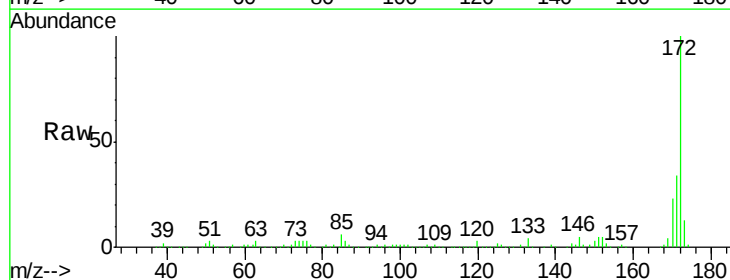


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

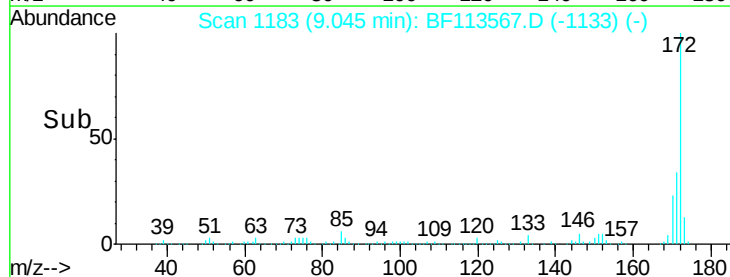
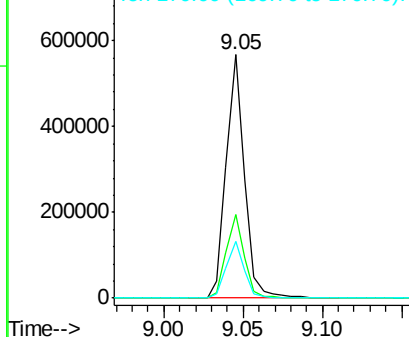


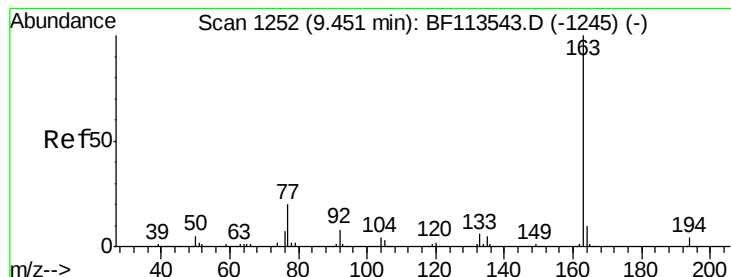
#45
 2-Fluorobiphenyl
 Concen: 41.390 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF113567.D
 Acq: 4 Apr 2019 2:49

Tgt Ion:172 Resp: 450819
 Ion Ratio Lower Upper
 172 100
 171 34.2 29.0 43.6
 170 23.4 19.5 29.3



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





#50

Dimethylphthalate

Concen: 2.908 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BF113567.D

Acq: 4 Apr 2019 2:49

Instrument :

BNA_F

ClientSampleId :

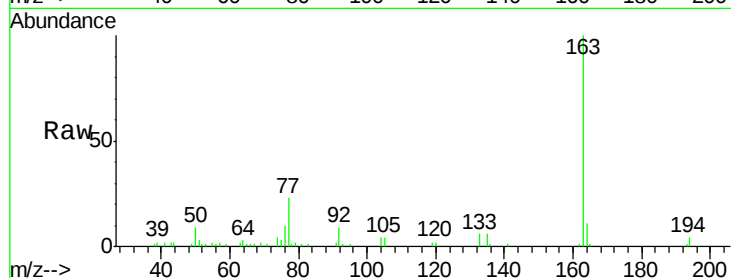
Tot Ion:163 Resp: 37590

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

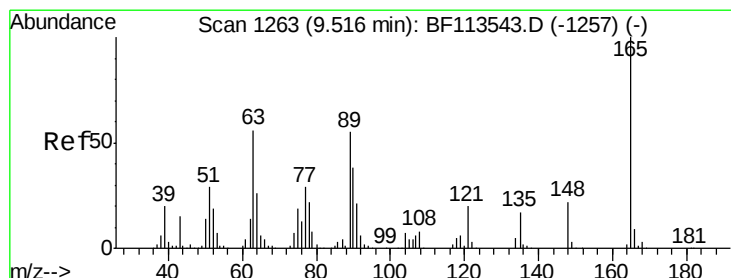
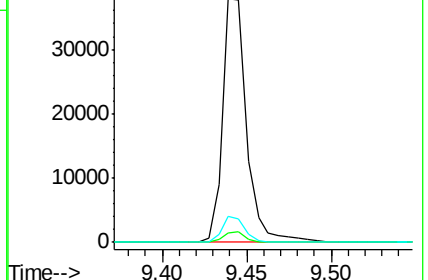
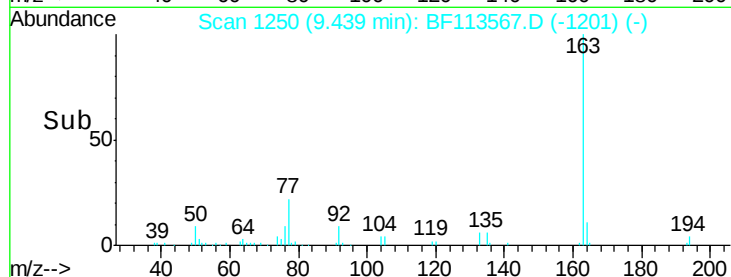
164 10.8 8.1 12.1



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: 7.935 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.21 min

Lab File: BF113567.D

Acq: 4 Apr 2019 2:49

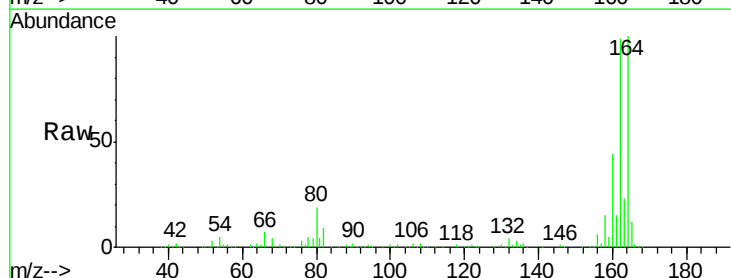
Tgt Ion:165 Resp: 22607

Ion Ratio Lower Upper

165 100

63 1.5 43.4 65.0#

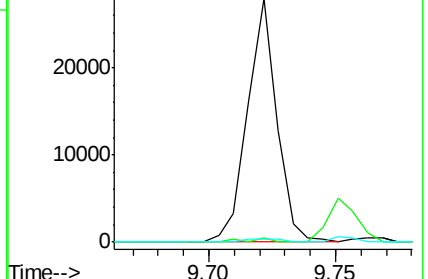
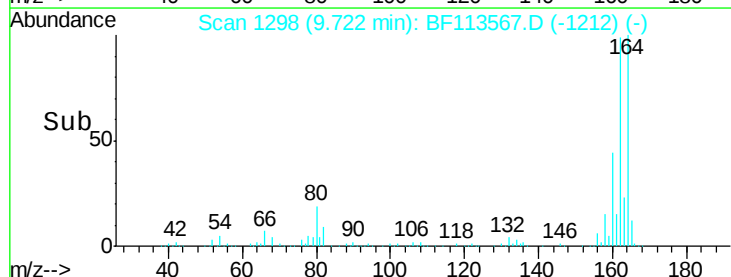
89 1.3 43.1 64.7#

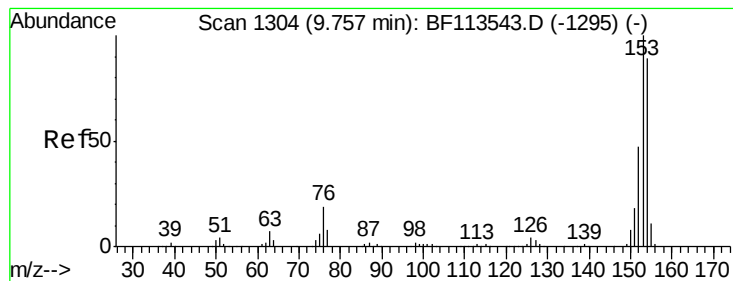


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 5.344 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF113567.D

Acq: 4 Apr 2019 2:49

Instrument :

BNA_F

ClientSampleId :

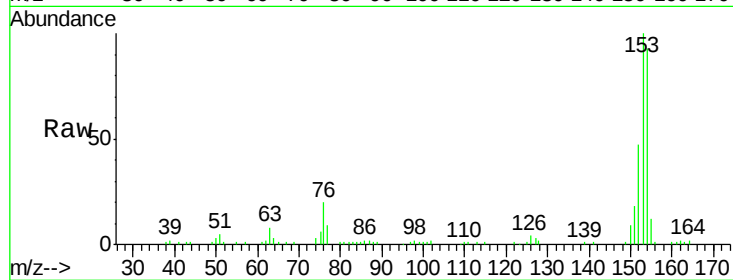
Tot Ion:154 Resp: 54493

Ion Ratio Lower Upper

154 100

153 107.4 89.5 134.3

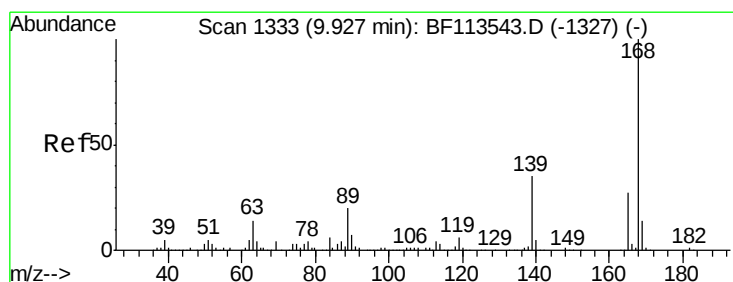
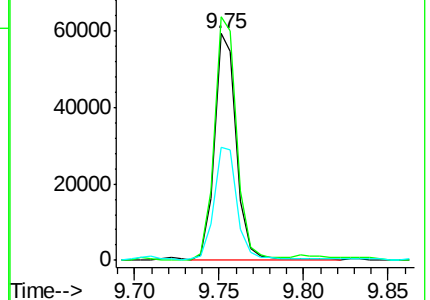
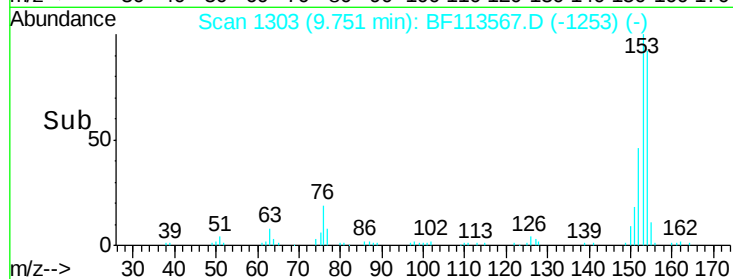
152 50.1 43.3 64.9



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: 2.872 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BF113567.D

Acq: 4 Apr 2019 2:49

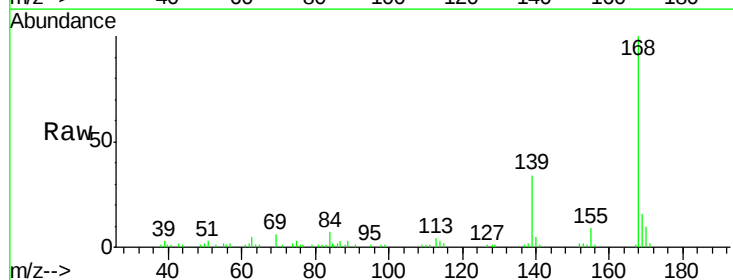
Tgt Ion:168 Resp: 42967

Ion Ratio Lower Upper

168 100

139 33.7 29.7 44.5

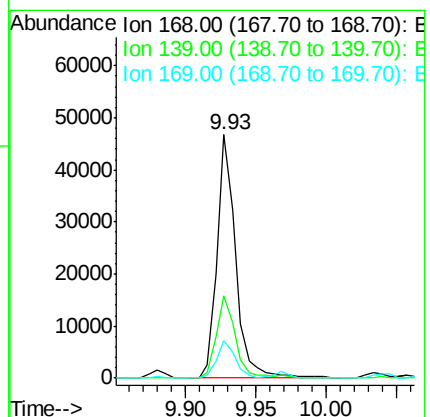
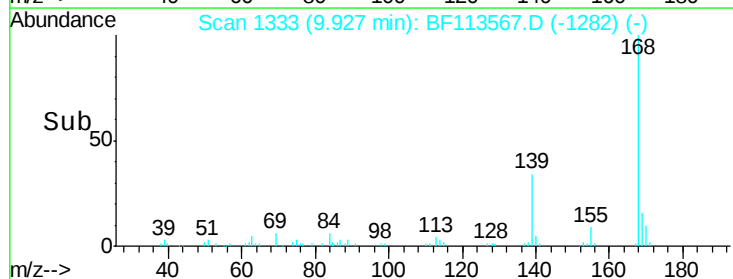
169 15.6 10.7 16.1

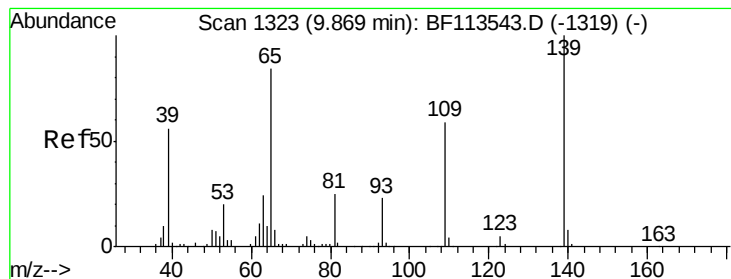


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

4-Nitrophenol

Concen: 7.469 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.06 min

Lab File: BF113567.D

Acq: 4 Apr 2019 2:49

Instrument :

BNA_F

ClientSampleId :

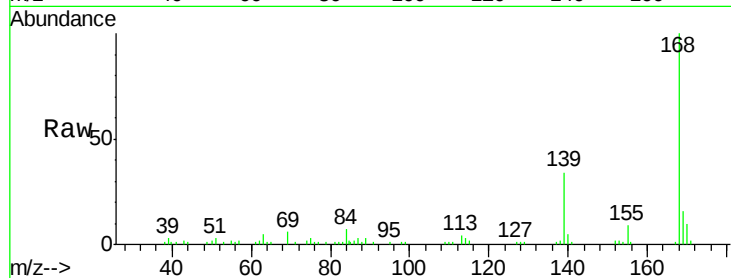
Tot Ion:139 Resp: 15008

Ion Ratio Lower Upper

139 100

109 2.3 46.9 86.9#

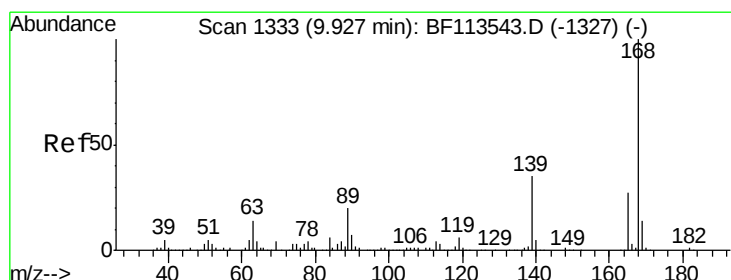
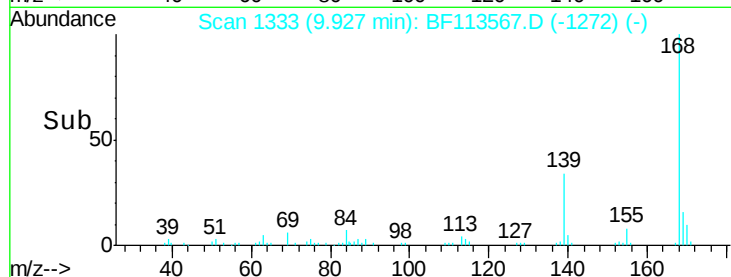
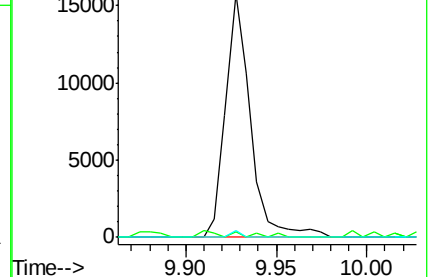
65 2.6 77.2 117.2#



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



#57

2,4-Dinitrotoluene

Concen: 6.561 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.21 min

Lab File: BF113567.D

Acq: 4 Apr 2019 2:49

Tgt Ion:165 Resp: 22607

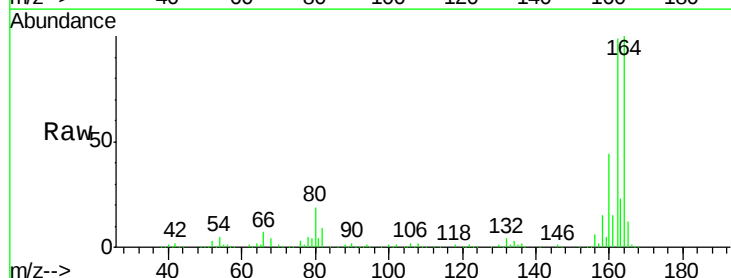
Ion Ratio Lower Upper

165 100

63 1.5 37.5 56.3#

89 1.3 57.4 86.2#

182 0.0 2.0 3.0#

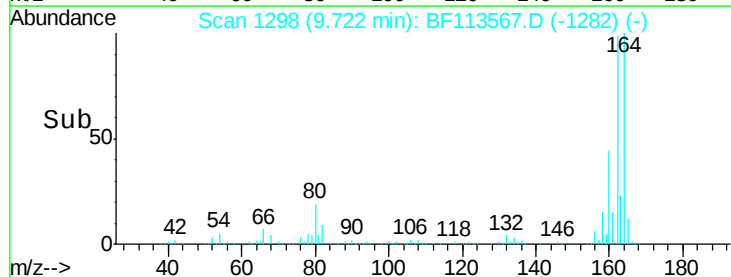
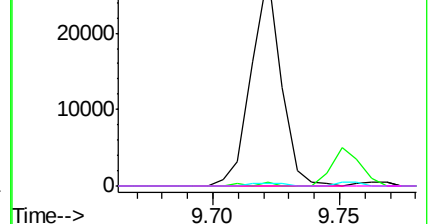


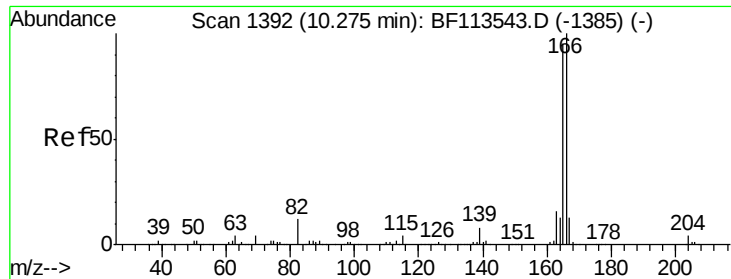
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 7.613 ng

RT: 10.27 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BF113567.D

Acq: 4 Apr 2019 2:49

Instrument :

BNA_F

ClientSampled :

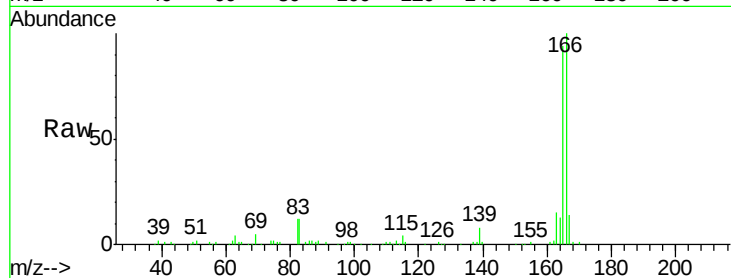
Tot Ion:166 Resp: 90075

Ion Ratio Lower Upper

166 100

165 93.7 76.2 114.2

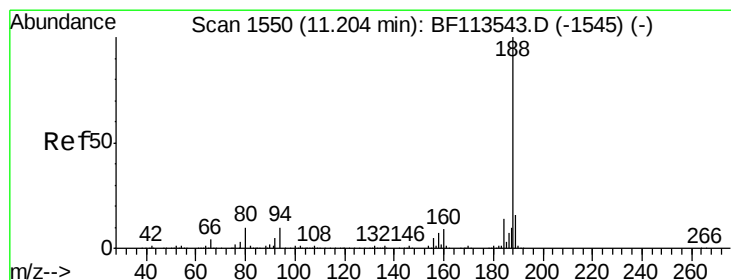
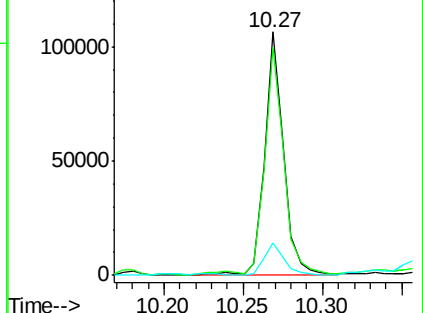
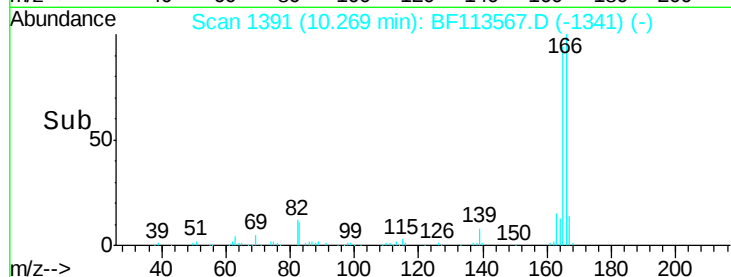
167 13.5 10.7 16.1



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: 11.20 min Scan# 1550

Delta R.T. -0.00 min

Lab File: BF113567.D

Acq: 4 Apr 2019 2:49

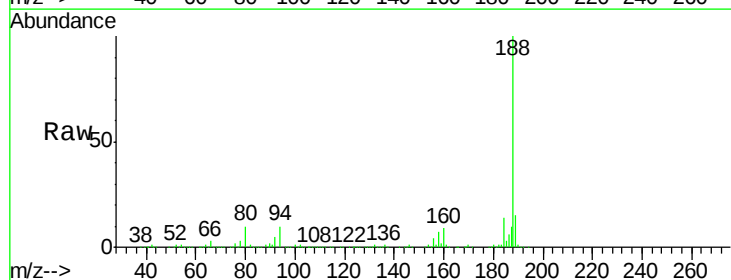
Tgt Ion:188 Resp: 356230

Ion Ratio Lower Upper

188 100

94 9.5 7.0 10.6

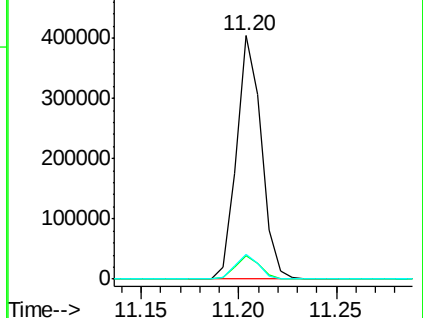
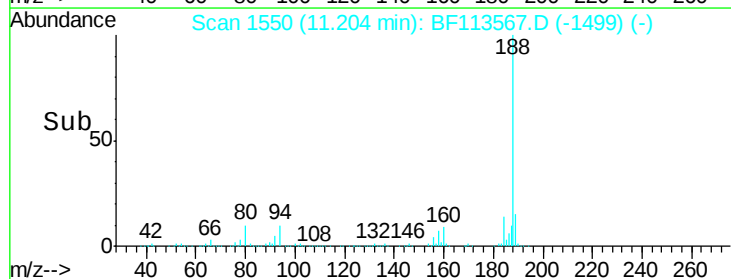
80 10.0 7.7 11.5

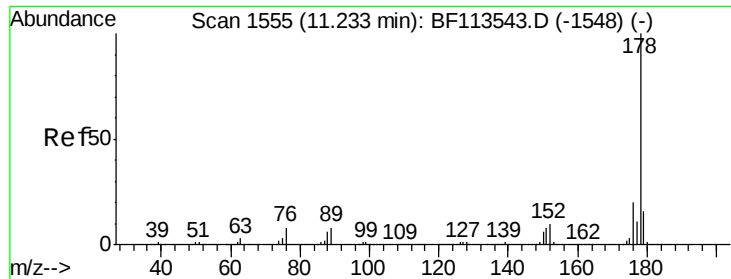


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

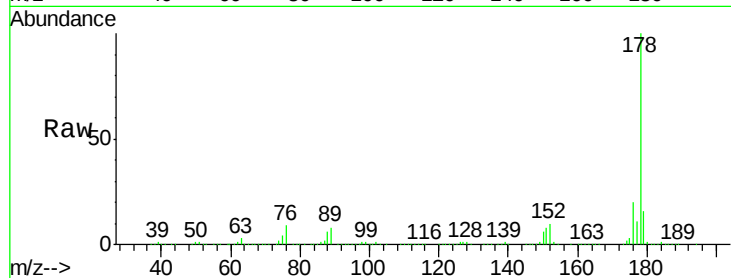




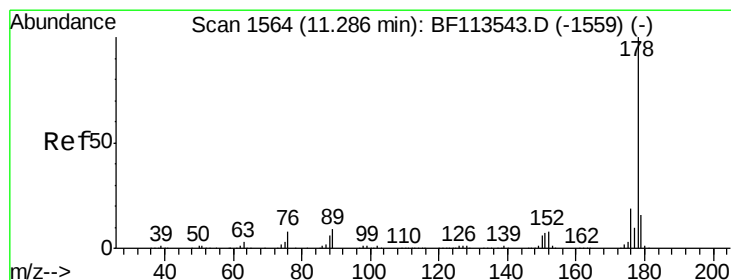
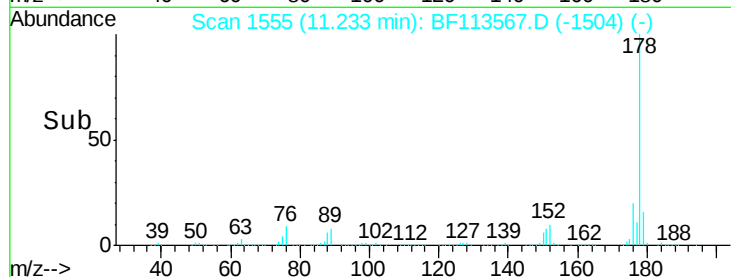
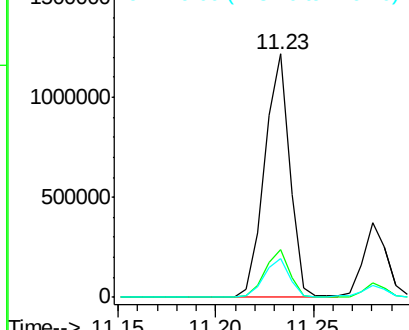
#71
Phenanthrene
Concen: 61.551 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF113567.D
Acq: 4 Apr 2019 2:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1089526
Ion Ratio Lower Upper
178 100
176 19.8 16.2 24.2
179 16.0 12.7 19.1

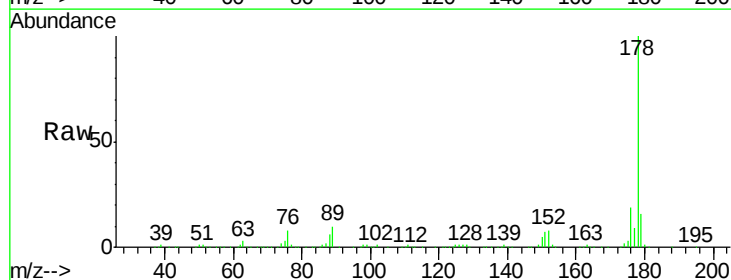


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

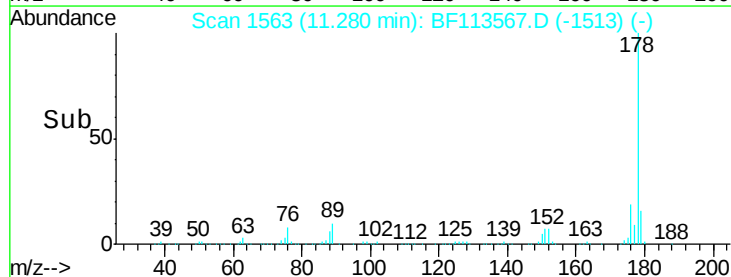
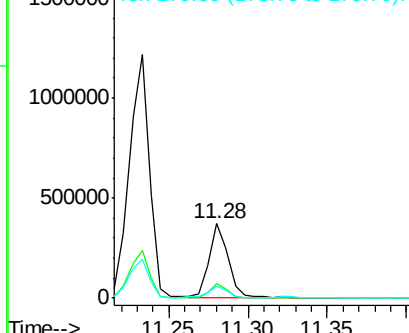


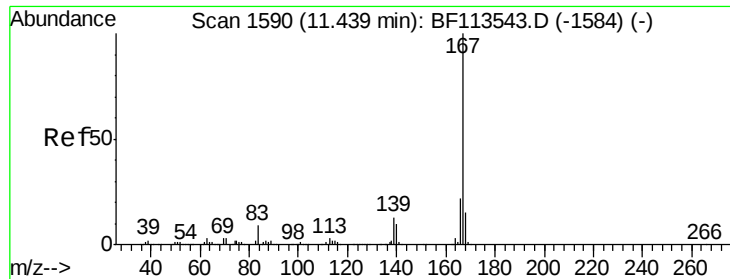
#72
Anthracene
Concen: 17.660 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF113567.D
Acq: 4 Apr 2019 2:49

Tgt Ion:178 Resp: 318053
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.7 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

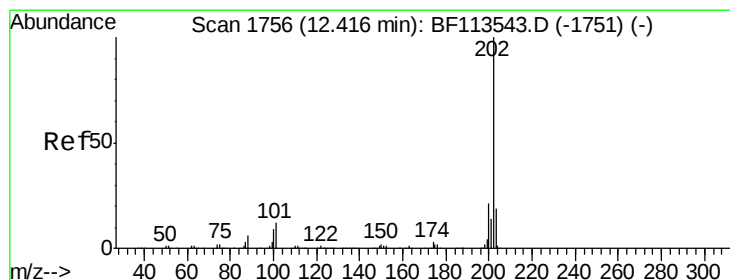
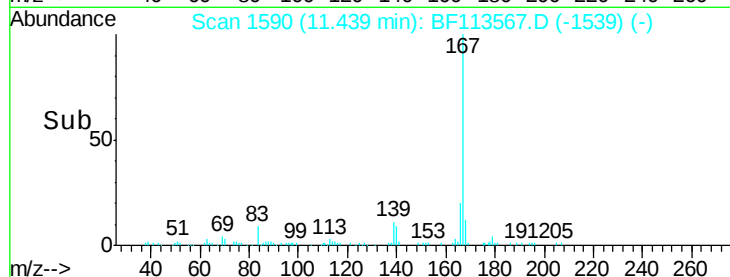
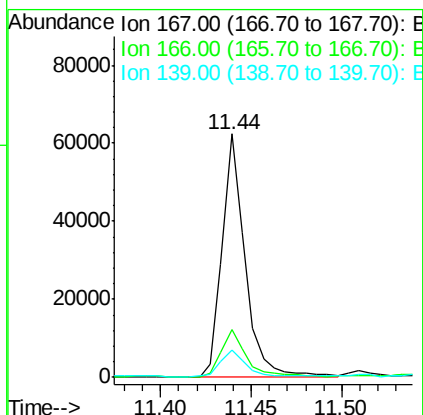
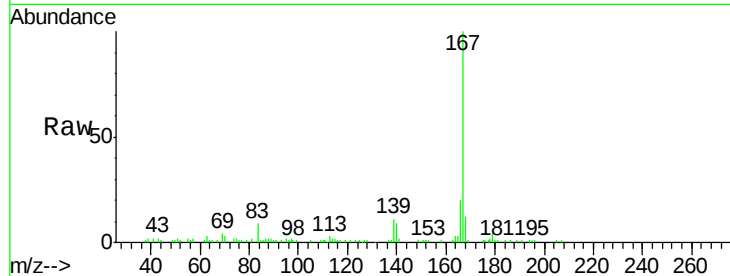




#73
 Carbazole
 Concen: 3.290 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BF113567.D
 Acq: 4 Apr 2019 2:49

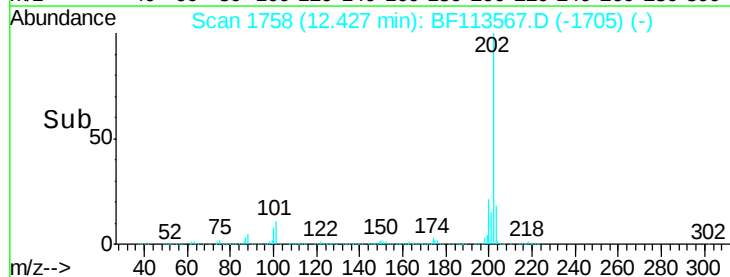
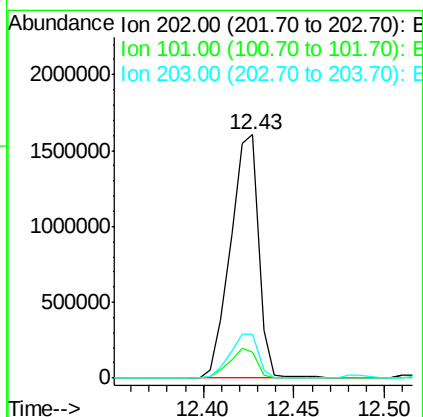
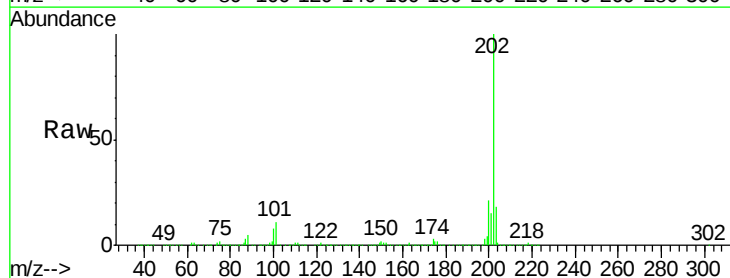
Instrument :
 BNA_F
 ClientSampleId :

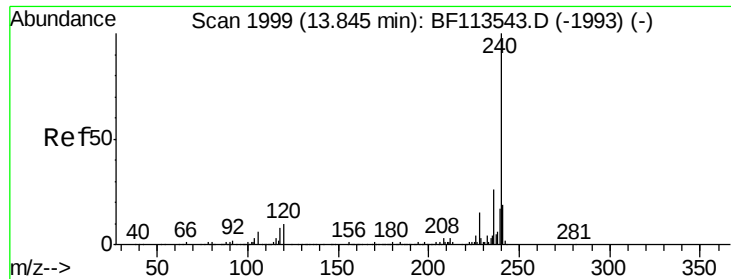
Tot Ion:167 Resp: 55414
 Ion Ratio Lower Upper
 167 100
 166 19.8 17.4 26.0
 139 11.4 10.4 15.6



#75
 Fluoranthene
 Concen: 91.623 ng
 RT: 12.43 min Scan# 1758
 Delta R.T. 0.01 min
 Lab File: BF113567.D
 Acq: 4 Apr 2019 2:49

Tgt Ion:202 Resp: 1737925
 Ion Ratio Lower Upper
 202 100
 101 10.7 0.0 31.4
 203 18.2 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BF113567.D

Acq: 4 Apr 2019 2:49

Instrument :

BNA_F

ClientSampleId :

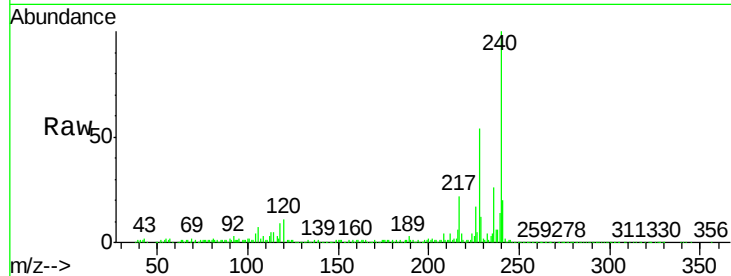
Tot Ion:240 Resp: 295826

Ion Ratio Lower Upper

240 100

120 10.8 8.8 13.2

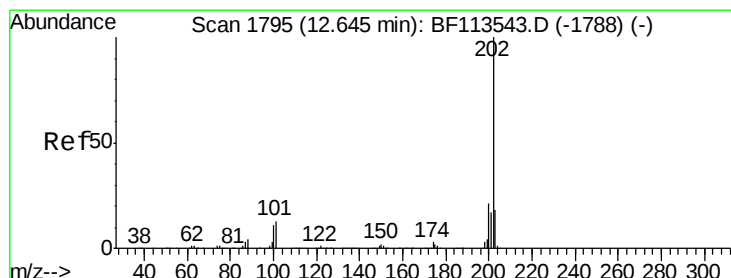
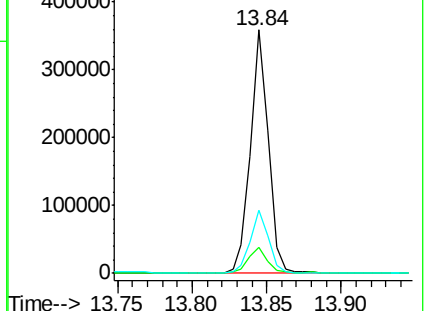
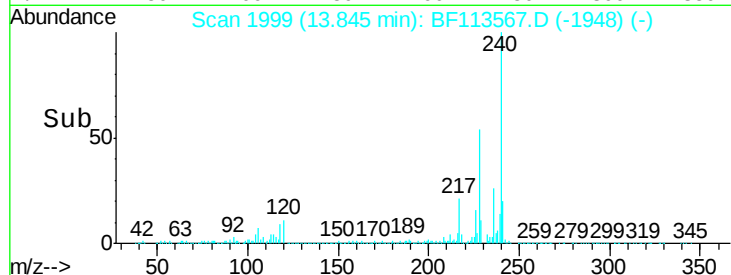
236 25.9 20.9 31.3



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

Pyrene

Concen: 67.505 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF113567.D

Acq: 4 Apr 2019 2:49

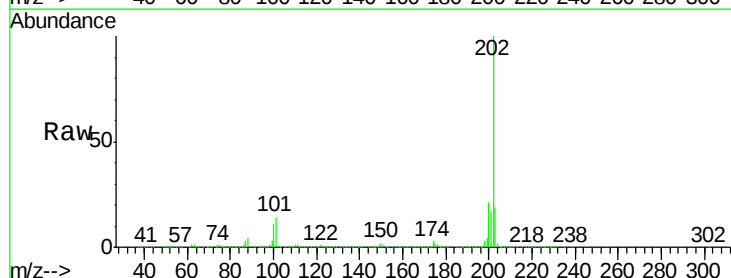
Tgt Ion:202 Resp: 1519476

Ion Ratio Lower Upper

202 100

200 21.4 16.8 25.2

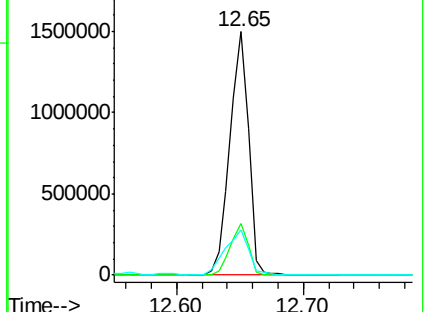
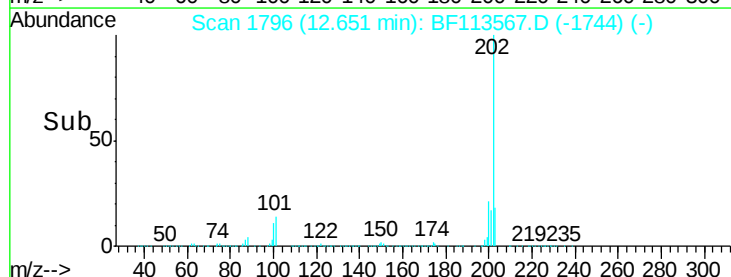
203 18.5 14.4 21.6

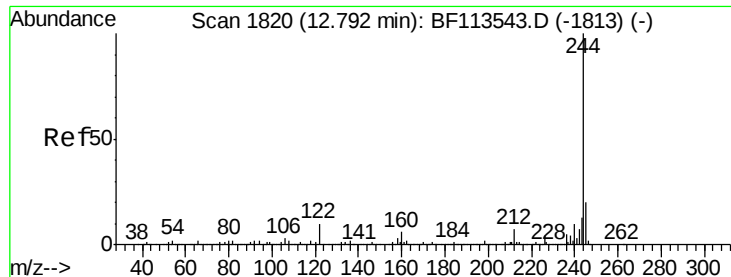


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 37.174 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF113567.D

Acq: 4 Apr 2019 2:49

Instrument :

BNA_F

ClientSampleId :

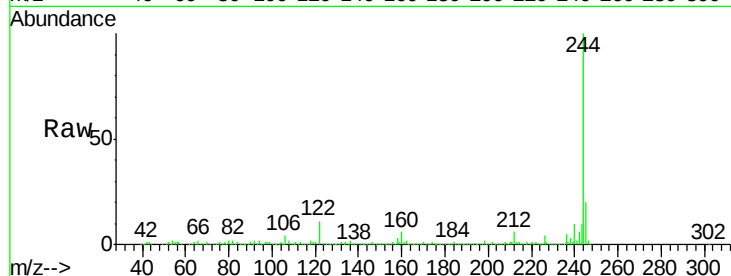
Tot Ion:244 Resp: 540125

Ion Ratio Lower Upper

244 100

212 6.3 5.5 8.3

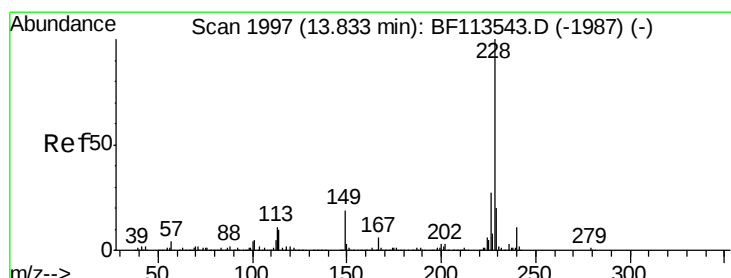
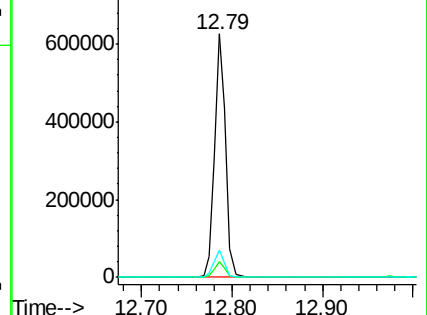
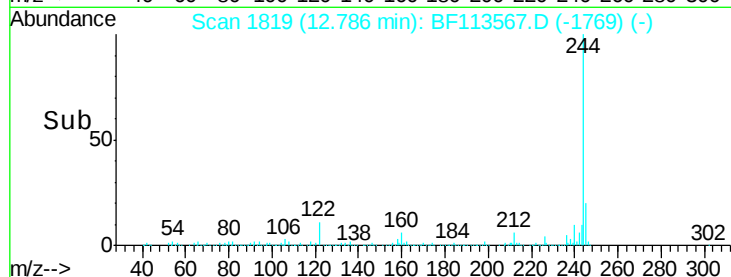
122 11.0 8.6 13.0



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: 40.605 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BF113567.D

Acq: 4 Apr 2019 2:49

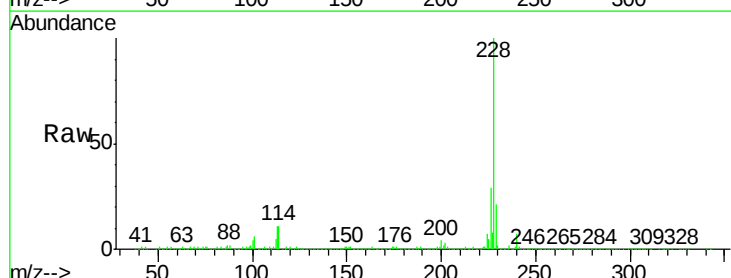
Tgt Ion:228 Resp: 692916

Ion Ratio Lower Upper

228 100

226 28.6 21.8 32.8

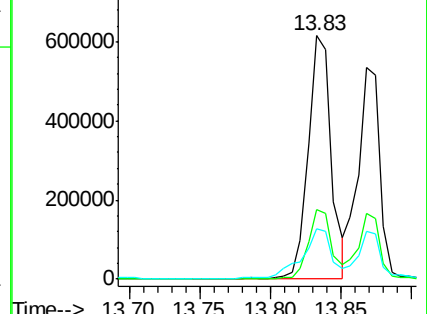
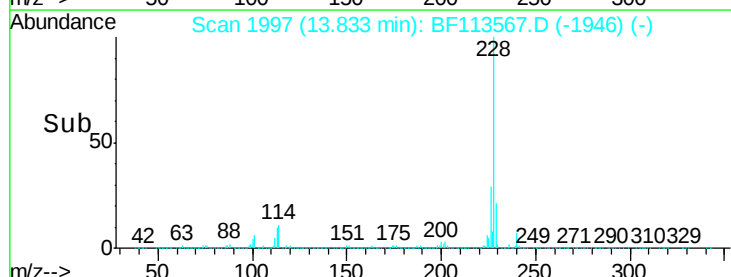
229 20.8 16.2 24.4

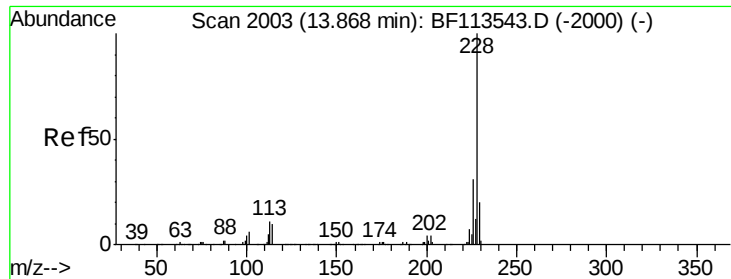


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

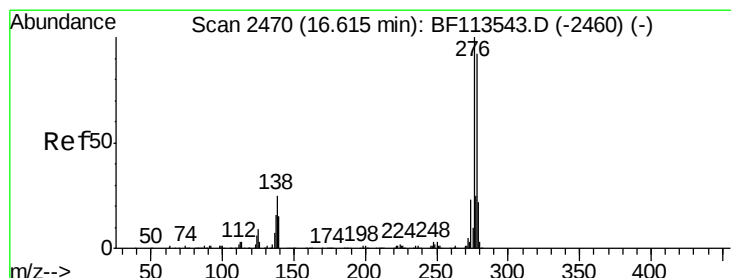
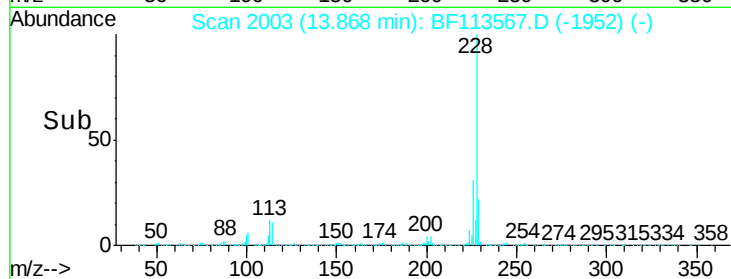
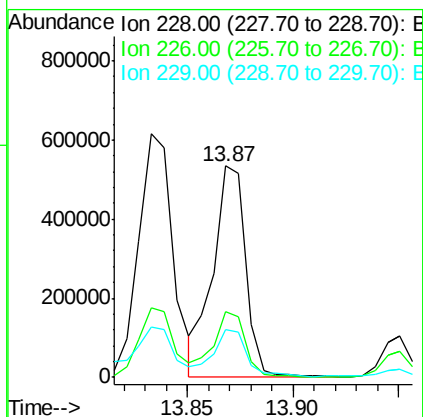
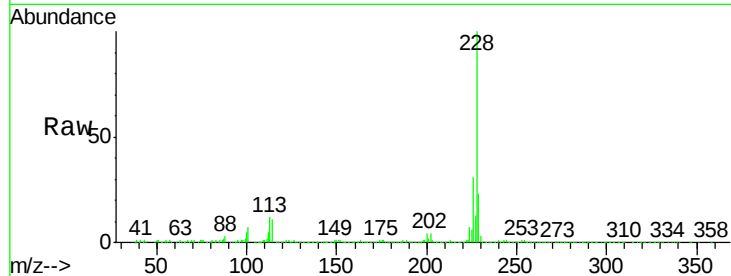




#83
Chrysene
Concen: 33.102 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF113567.D
Acq: 4 Apr 2019 2:49

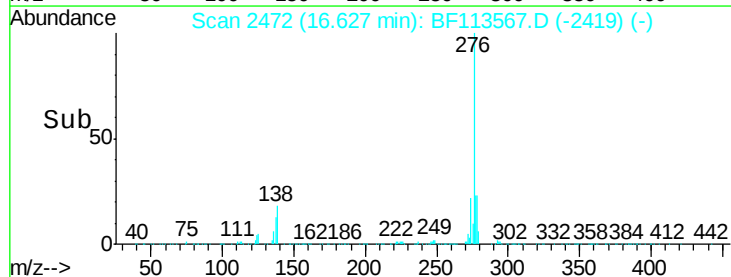
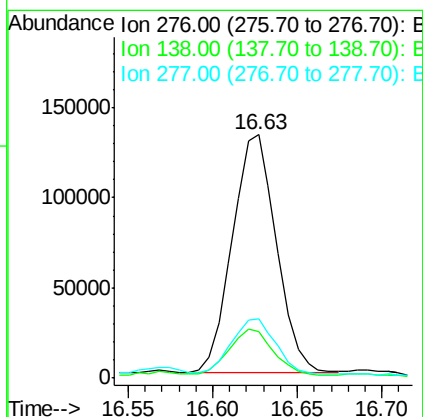
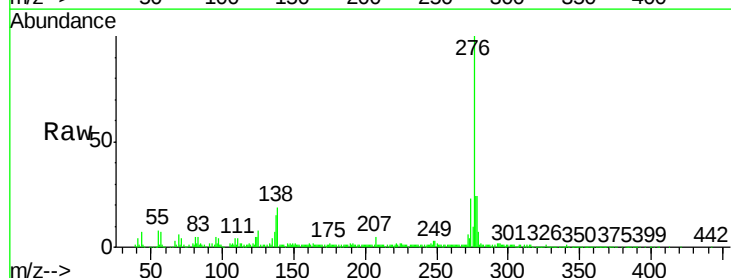
Instrument :
BNA_F
ClientSampleId :

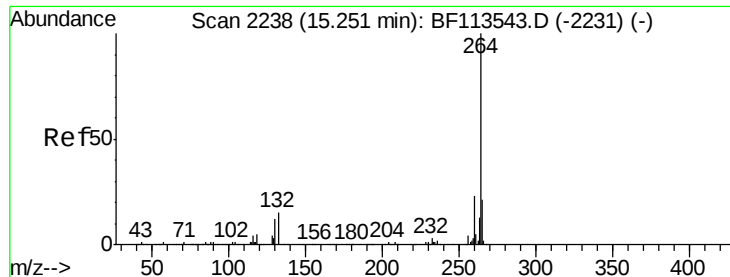
Tot Ion:228 Resp: 572627
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 22.5 16.3 24.5



#86
Indeno(1,2,3-cd)pyrene
Concen: 15.065 ng
RT: 16.63 min Scan# 2472
Delta R.T. 0.01 min
Lab File: BF113567.D
Acq: 4 Apr 2019 2:49

Tgt Ion:276 Resp: 240617
Ion Ratio Lower Upper
276 100
138 18.9 18.1 27.1
277 23.5 20.2 30.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.26 min Scan# 2239

Delta R.T. 0.01 min

Lab File: BF113567.D

Acq: 4 Apr 2019 2:49

Instrument :

BNA_F

ClientSampleId :

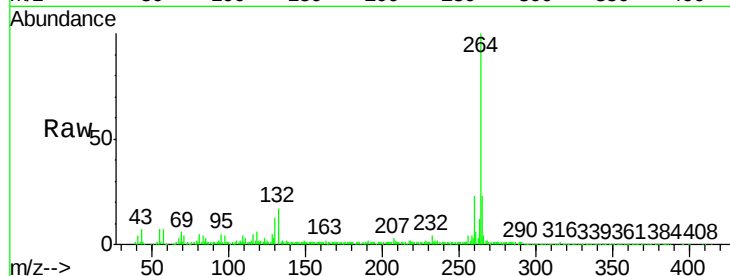
Tot Ion:264 Resp: 228022

Ion Ratio Lower Upper

264 100

260 22.9 19.1 28.7

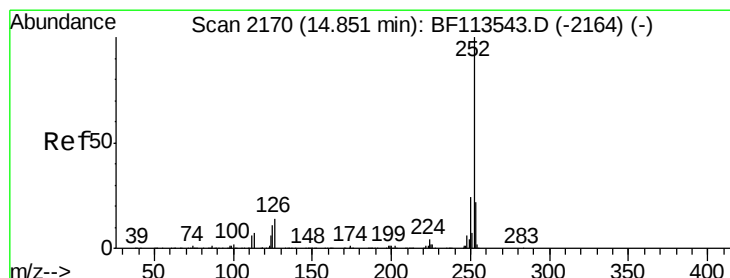
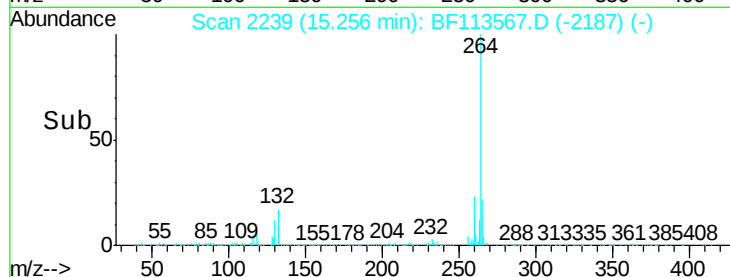
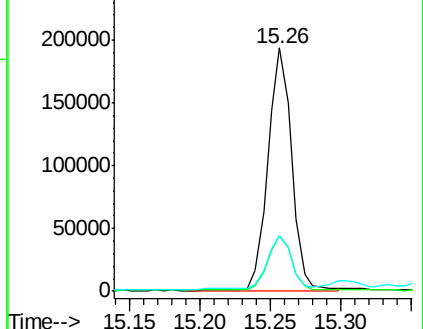
265 22.8 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 56.596 ng

RT: 14.86 min Scan# 2171

Delta R.T. 0.01 min

Lab File: BF113567.D

Acq: 4 Apr 2019 2:49

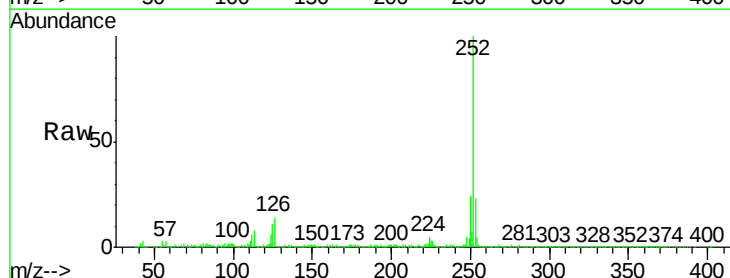
Tgt Ion:252 Resp: 789955

Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

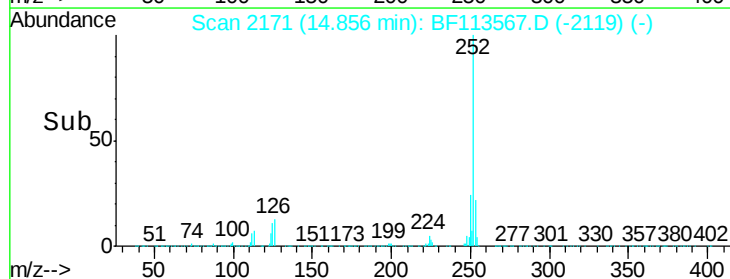
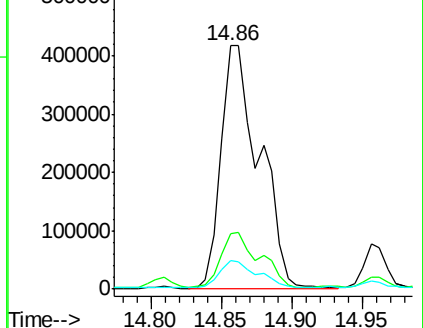
125 11.5 7.6 11.4#

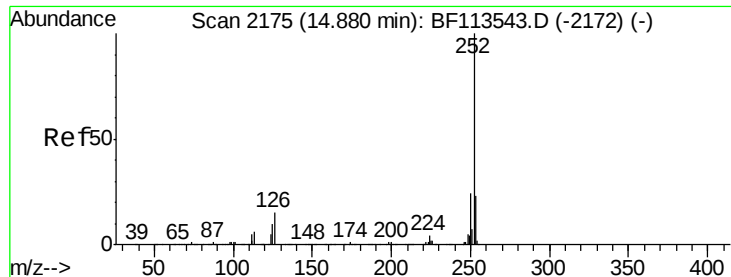


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

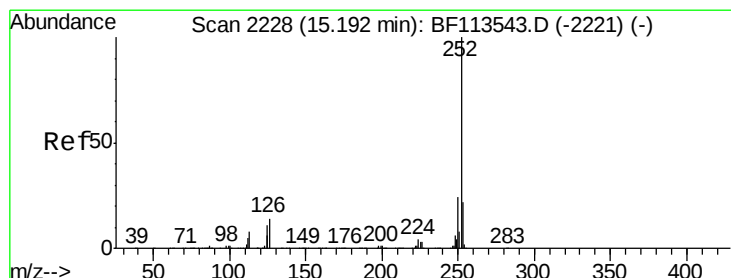
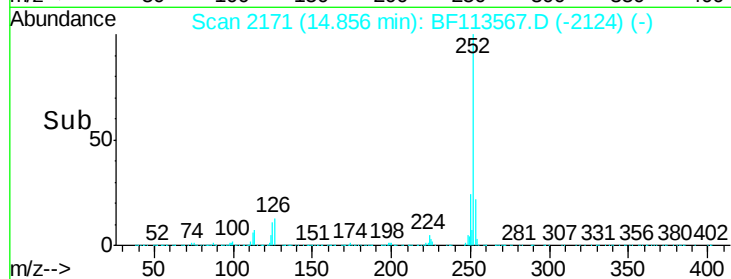
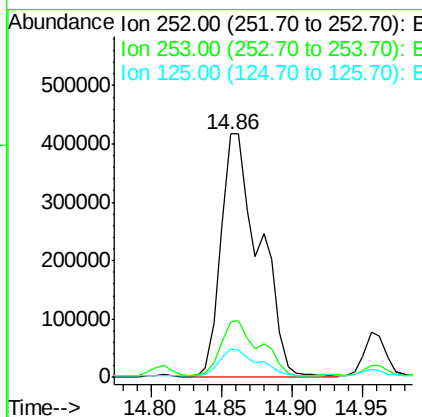
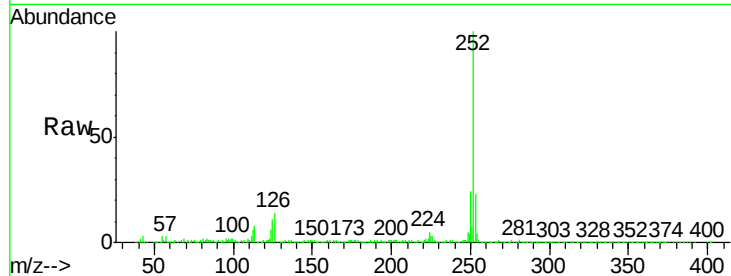




#89
Benzo(k)fluoranthene
Concen: 63.061 ng
RT: 14.86 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BF113567.D
Acq: 4 Apr 2019 2:49

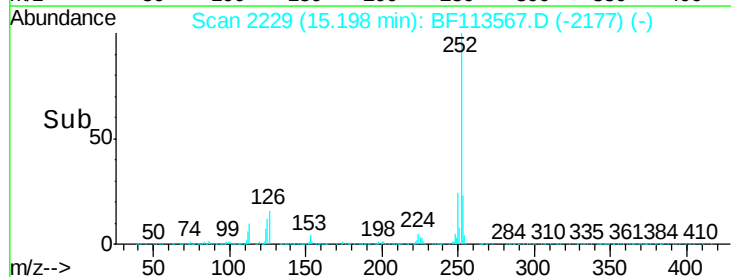
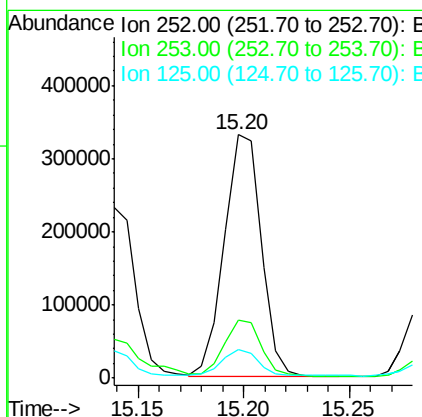
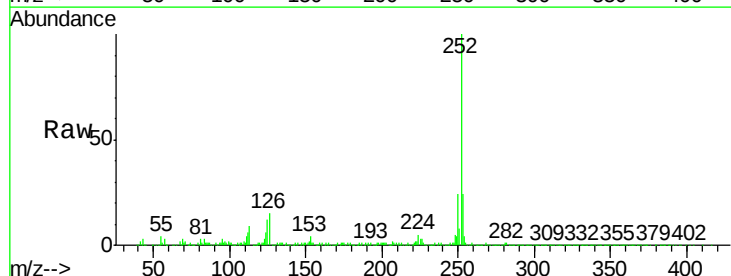
Instrument :
BNA_F
ClientSampleId :

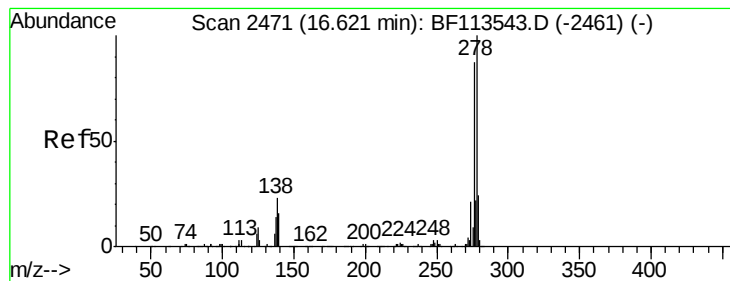
Tot Ion:252 Resp: 789955
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 11.5 7.3 10.9#



#90
Benzo(a)pyrene
Concen: 32.563 ng
RT: 15.20 min Scan# 2229
Delta R.T. 0.01 min
Lab File: BF113567.D
Acq: 4 Apr 2019 2:49

Tgt Ion:252 Resp: 403869
Ion Ratio Lower Upper
252 100
253 23.7 17.9 26.9
125 11.7 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 5.174 ng

RT: 16.63 min Scan# 2472

Delta R.T. 0.01 min

Lab File: BF113567.D

Acq: 4 Apr 2019 2:49

Instrument :

BNA_F

ClientSampleId :

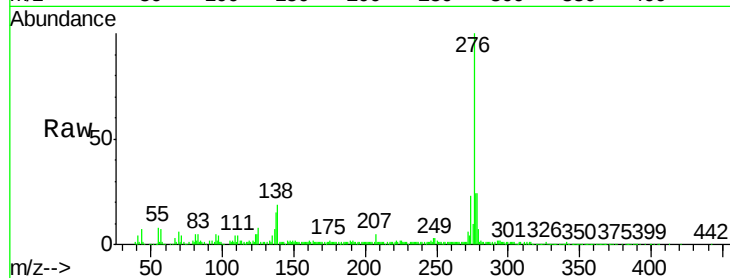
Tot Ion:278 Resp: 60013

Ion Ratio Lower Upper

278 100

139 0.0 12.0 18.0#

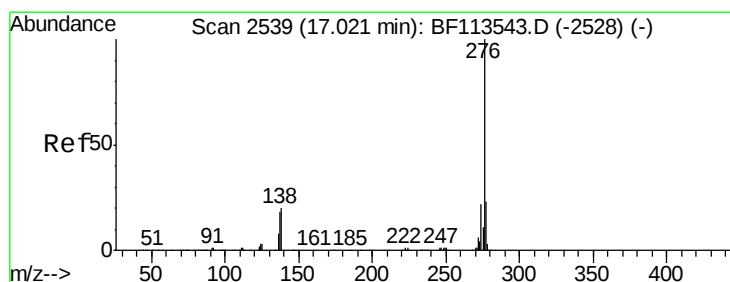
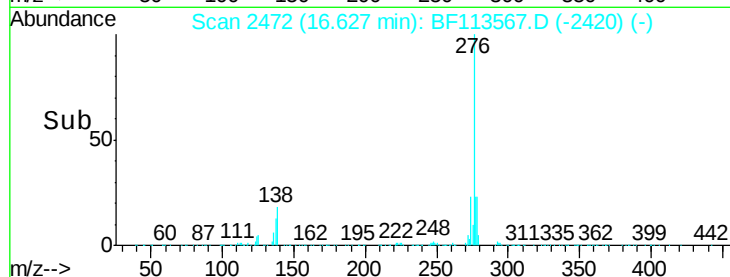
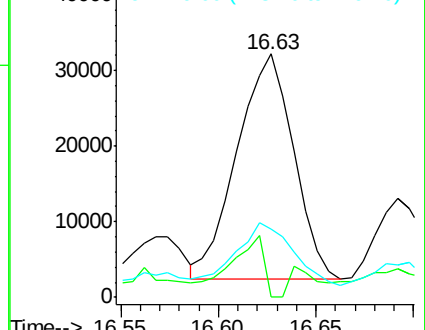
279 28.0 19.0 28.6



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: 20.212 ng

RT: 17.03 min Scan# 2541

Delta R.T. 0.01 min

Lab File: BF113567.D

Acq: 4 Apr 2019 2:49

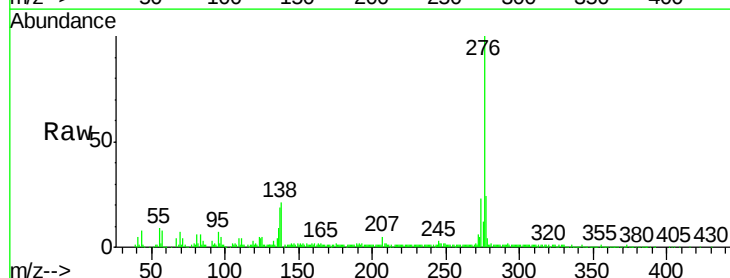
Tgt Ion:276 Resp: 239278

Ion Ratio Lower Upper

276 100

277 24.4 18.8 28.2

138 21.5 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

