

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060719\
 Data File : BF114915.D
 Acq On : 8 Jun 2019 2:44
 Operator : HP/JU
 Sample : K3189-02 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-7B

Quant Time: Jun 08 05:21:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	337204	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	1264086	20.00	ng	-0.01
39) Acenaphthene-d10	9.69	164	540192	20.00	ng	-0.01
64) Phenanthrene-d10	11.16	188	859181	20.00	ng	0.00
76) Chrysene-d12	13.79	240	537386	20.00	ng	0.00
87) Perylene-d12	15.17	264	524555	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1076983	55.81	ng	0.00
7) Phenol-d6	6.30	99	1331091	56.69	ng	0.00
23) Nitrobenzene-d5	7.22	82	761782	37.10	ng	-0.01
42) 2,4,6-Tribromophenol	10.47	330	265496	45.61	ng	-0.01
45) 2-Fluorobiphenyl	9.02	172	1317064	45.67	ng	-0.01
79) Terphenyl-d14	12.74	244	991642	35.89	ng	-0.01

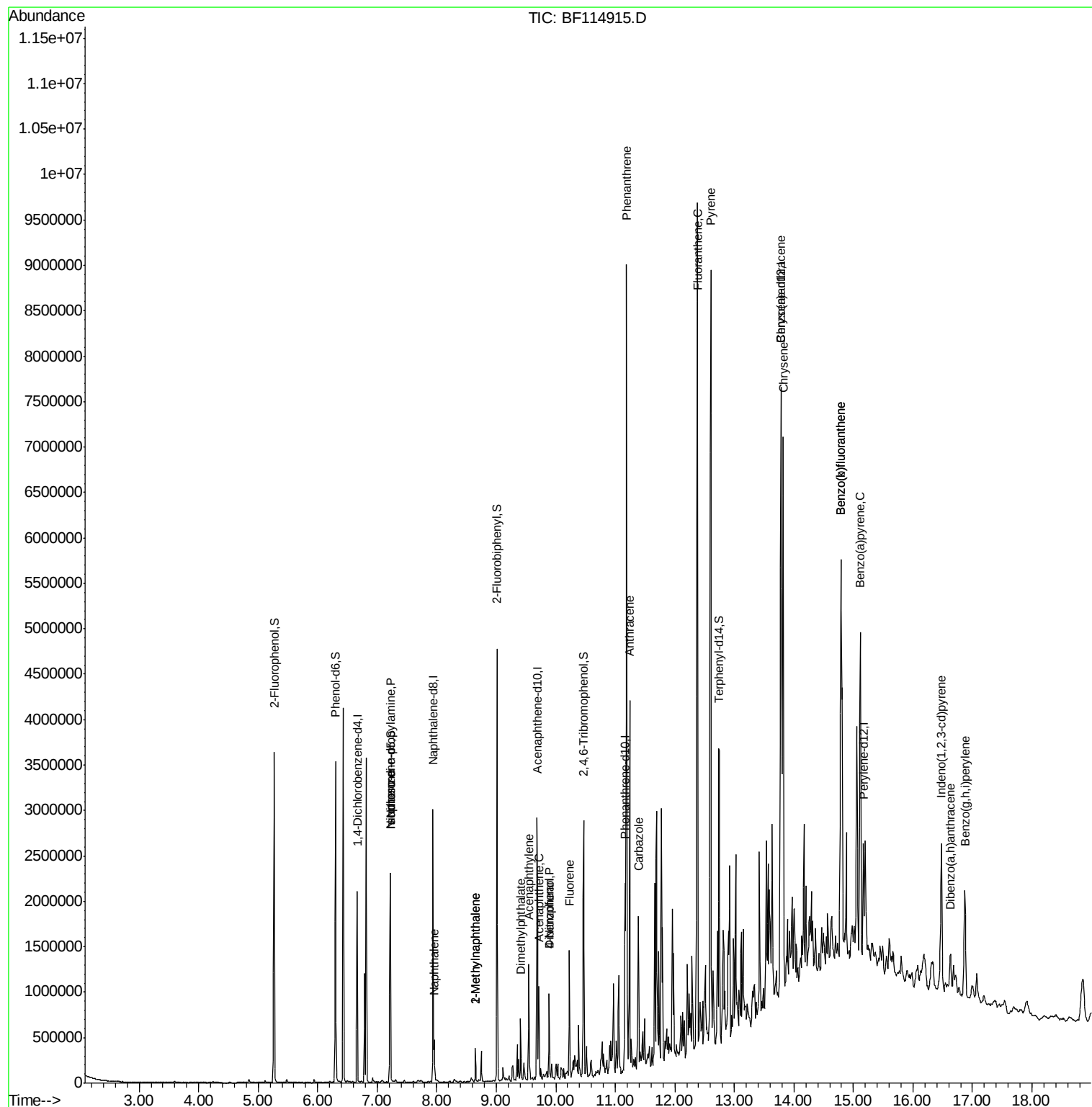
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.22	70	99433	6.397	ng	# 79
25) Isophorone	7.22	82	752640	18.540	ng	# 61
31) Naphthalene	7.96	128	185185	3.254	ng	95
37) 2-Methylnaphthalene	8.65	142	88779	2.249	ng	96
38) 1-Methylnaphthalene	8.65	142	88779	2.372	ng	100
49) Acenaphthylene	9.55	152	506207	10.261	ng	94
50) Dimethylphthalate	9.41	163	218644	5.542	ng	97
52) Acenaphthene	9.72	154	203872	6.308	ng	99
55) Dibenzofuran	9.89	168	327245	7.282	ng	95
56) 4-Nitrophenol	9.89	139	121199	15.260	ng	# 14
58) Fluorene	10.23	166	362641	4.255	ng	98
71) Phenanthrene	11.19	178	4132414	100.750	ng	99
72) Anthracene	11.24	178	1451244	33.620	ng	96
73) Carbazole	11.39	167	675699	18.260	ng	95
75) Fluoranthene	12.38	202	5186010	121.480	ng	98
78) Pyrene	12.60	202	4496595	96.455	ng	98
81) Benzo(a)anthracene	13.78	228	3115222	75.227	ng	98
83) Chrysene	13.82	228	2525624	62.694	ng	97
86) Indeno(1,2,3-cd)pyrene	16.48	276	1031820	22.448	ng	97
88) Benzo(b)fluoranthene	14.79	252	3547456	106.230	ng	99
89) Benzo(k)fluoranthene	14.79	252	3547456	125.092	ng	99
90) Benzo(a)pyrene	15.12	252	1769334	61.215	ng	98
91) Dibenzo(a,h)anthracene	16.63	278	265504	9.700	ng	94
92) Benzo(g,h,i)perylene	16.87	276	905223	32.886	ng	99

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

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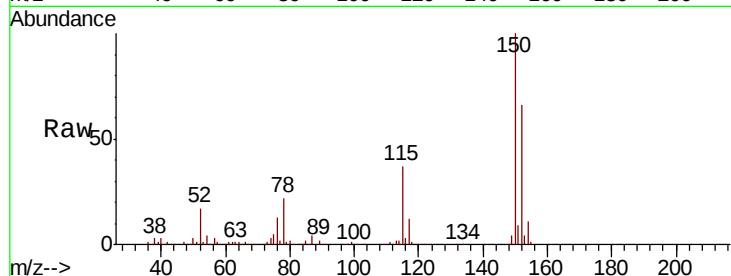


#1

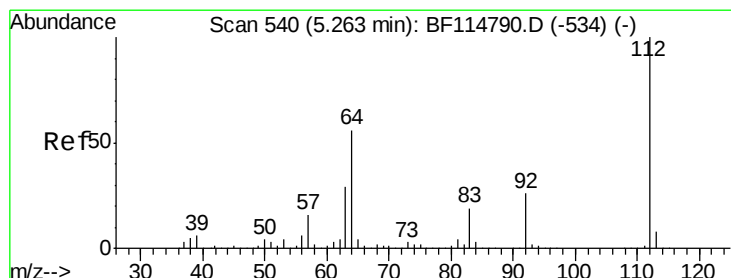
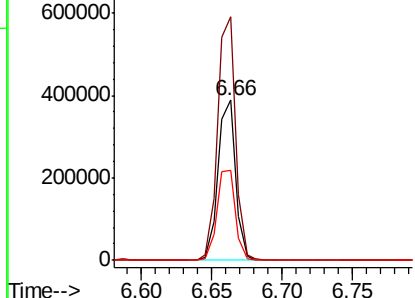
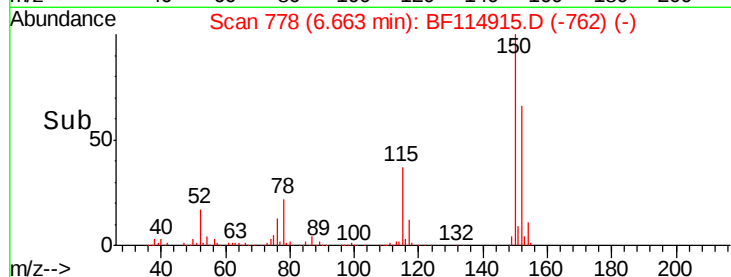
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF114915.D
Acq: 8 Jun 2019 2:44

Instrument :
BNA_F
ClientSampleId :
S-7B

Tgt Ion:152 Resp: 337204
Ion Ratio Lower Upper
152 100
150 152.2 124.0 186.0
115 56.4 46.3 69.5



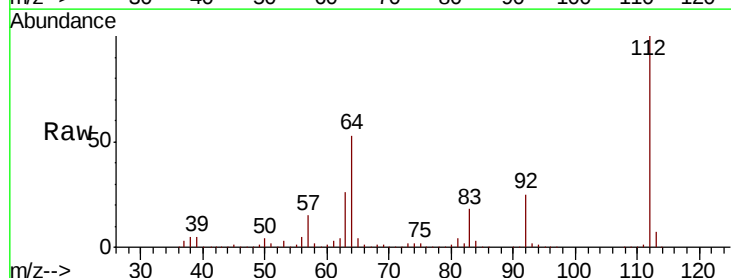
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



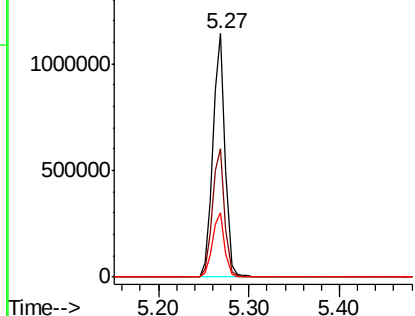
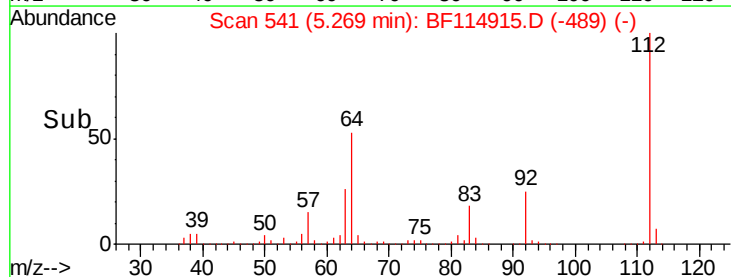
#5

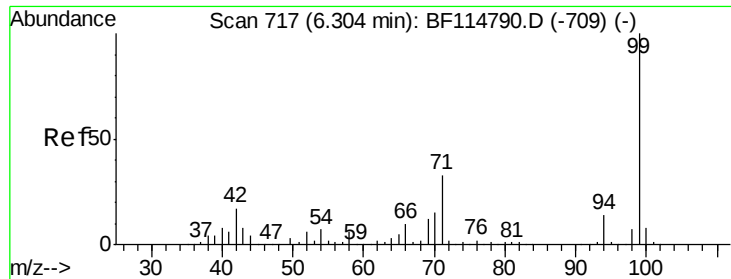
2-Fluorophenol
Concen: 55.808 ng
RT: 5.27 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF114915.D
Acq: 8 Jun 2019 2:44

Tgt Ion:112 Resp: 1076983
Ion Ratio Lower Upper
112 100
64 52.5 44.6 66.8
63 26.3 23.0 34.4



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: 56.686 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF114915.D

Acq: 8 Jun 2019 2:44

Instrument :

BNA_F

ClientSampleId :

S-7B

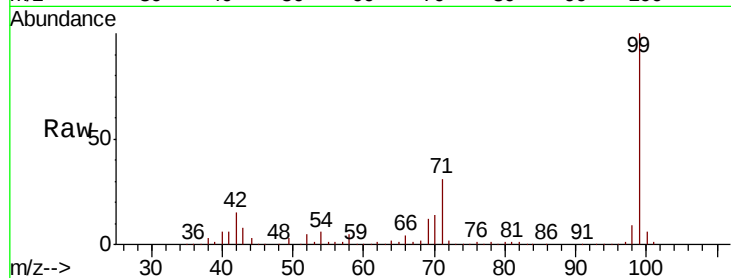
Tgt Ion: 99 Resp: 1331091

Ion Ratio Lower Upper

99 100

42 15.1 13.3 19.9

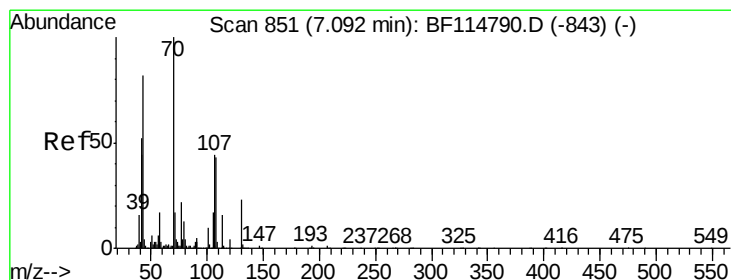
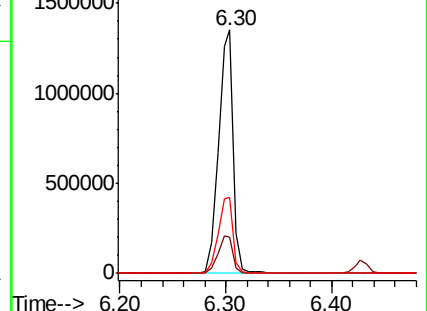
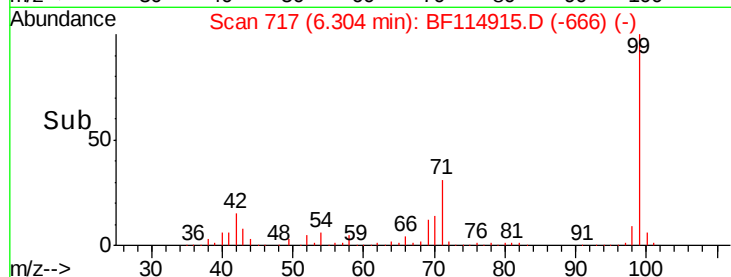
71 31.2 26.3 39.5



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: 6.397 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.12 min

Lab File: BF114915.D

Acq: 8 Jun 2019 2:44

Tgt Ion: 70 Resp: 99433

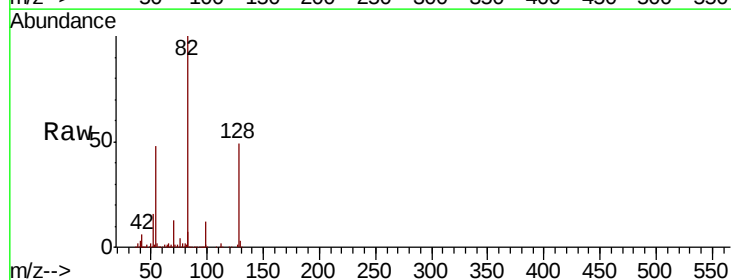
Ion Ratio Lower Upper

70 100

42 45.5 41.8 62.8

101 0.0 8.2 12.4#

130 2.4 18.5 27.7#

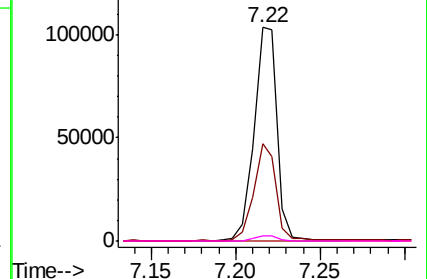
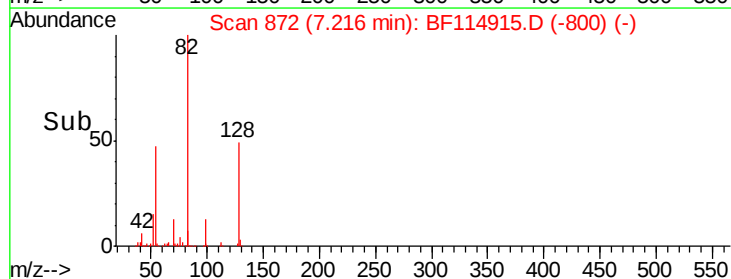


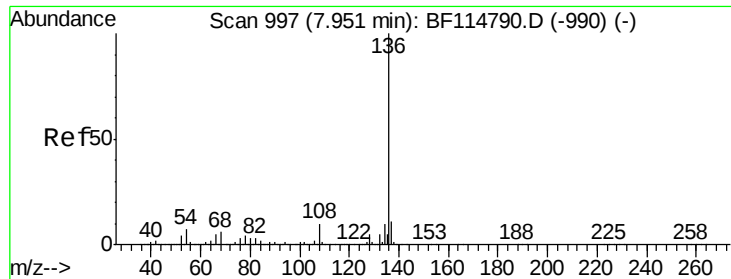
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

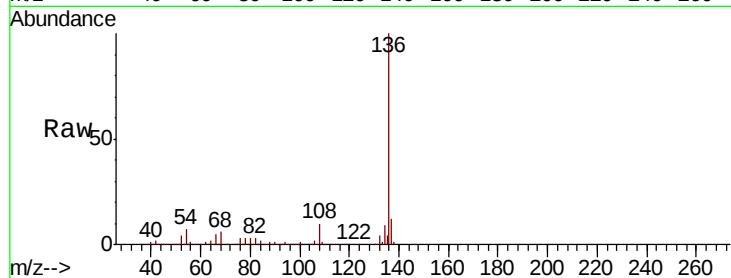




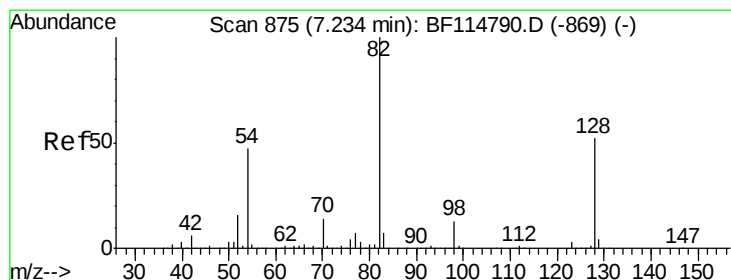
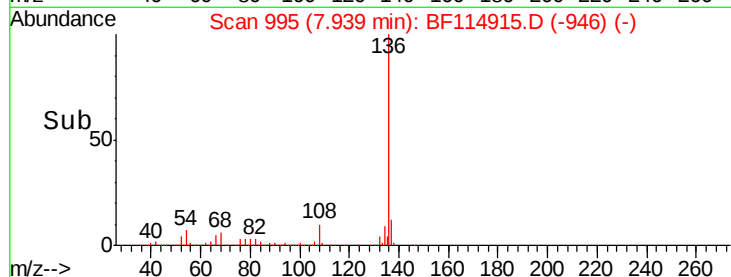
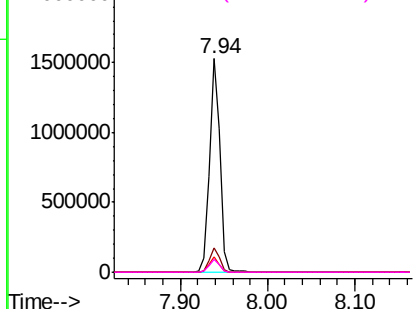
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF114915.D
Acq: 8 Jun 2019 2:44

Instrument :
BNA_F
ClientSampleId :
S-7B

Tgt Ion:	136	Resp:	1264086
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	7.1	5.4	8.0
68	6.1	4.6	6.8

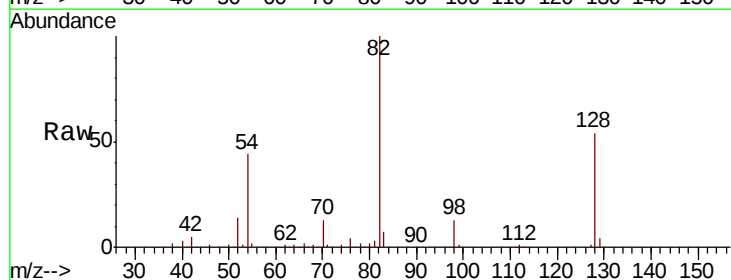


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

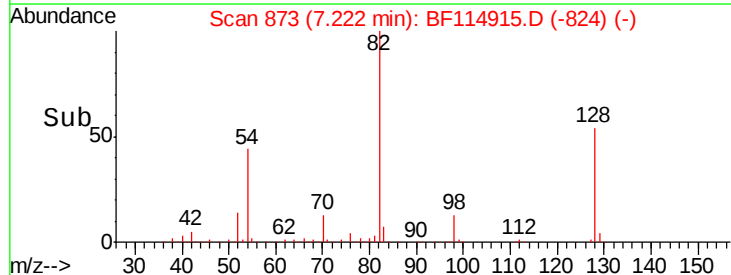
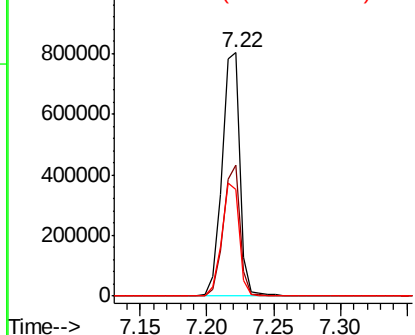


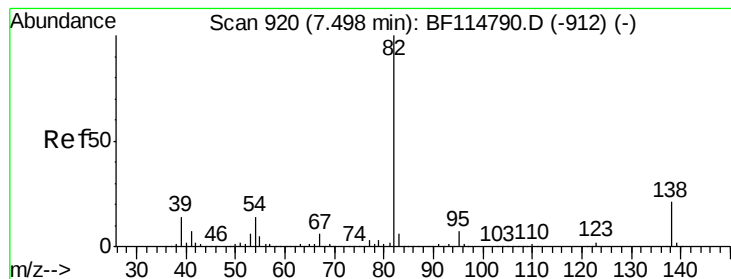
#23
Nitrobenzene-d5
Concen: 37.097 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114915.D
Acq: 8 Jun 2019 2:44

Tgt Ion:	82	Resp:	761782
Ion	Ratio	Lower	Upper
82	100		
128	53.6	41.8	62.6
54	43.7	37.9	56.9



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: 18.540 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.28 min

Lab File: BF114915.D

Acq: 8 Jun 2019 2:44

Instrument :

BNA_F

ClientSampleId :

S-7B

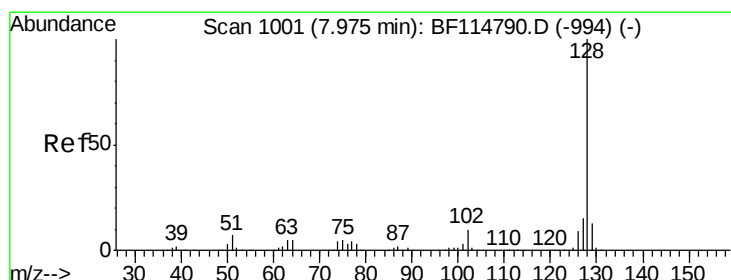
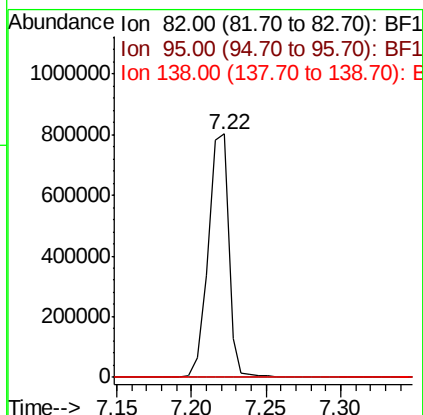
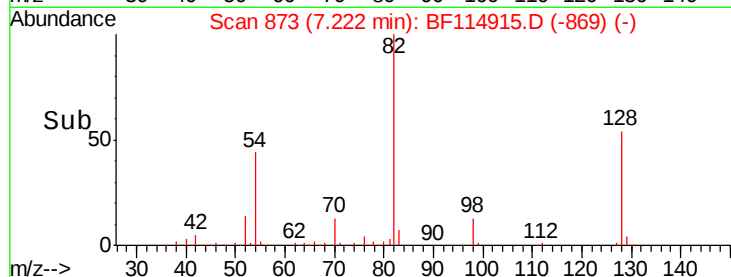
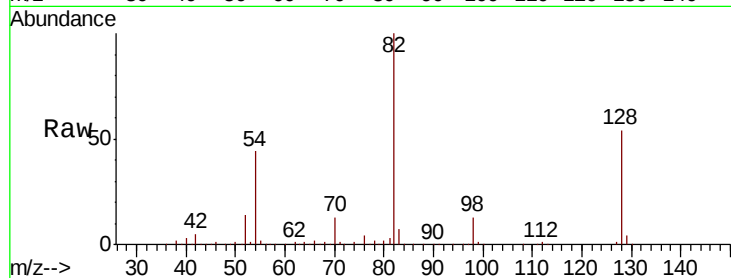
Tgt Ion: 82 Resp: 752640

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 16.9 25.3#



#31

Naphthalene

Concen: 3.254 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF114915.D

Acq: 8 Jun 2019 2:44

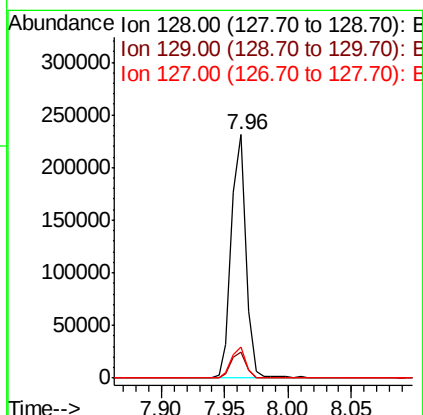
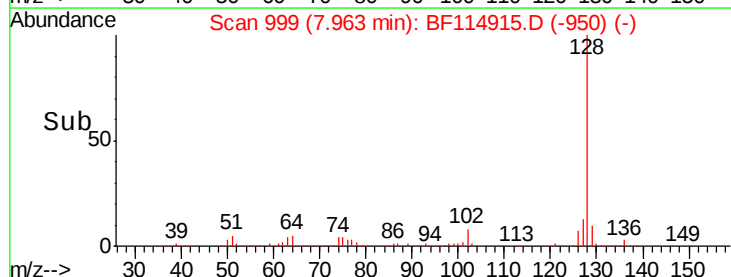
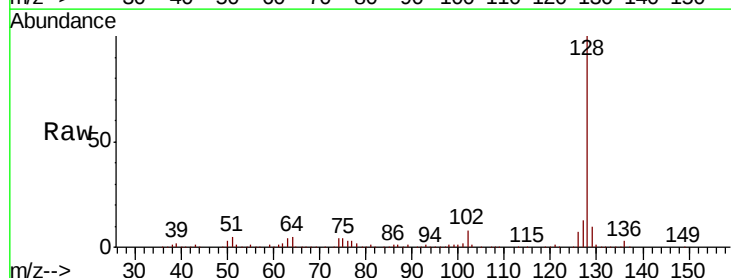
Tgt Ion: 128 Resp: 185185

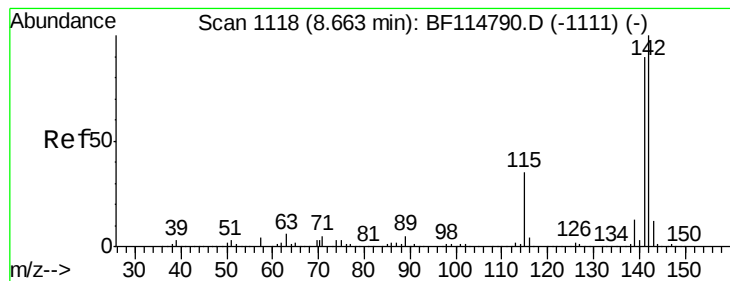
Ion Ratio Lower Upper

128 100

129 10.5 10.0 15.0

127 12.8 12.2 18.2





#37

2-Methylnaphthalene

Concen: 2.249 ng

RT: 8.65 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BF114915.D

Acq: 8 Jun 2019 2:44

Instrument :

BNA_F

ClientSampleId :

S-7B

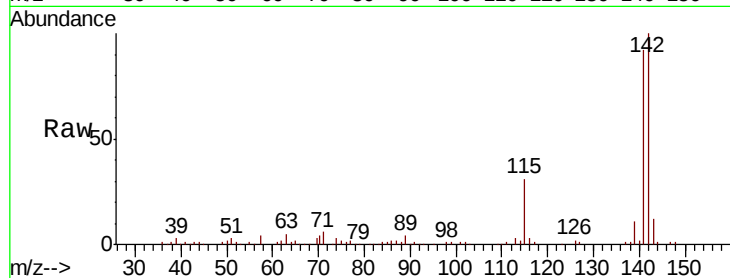
Tgt Ion:142 Resp: 88779

Ion Ratio Lower Upper

142 100

141 92.1 71.6 107.4

115 30.5 28.2 42.4

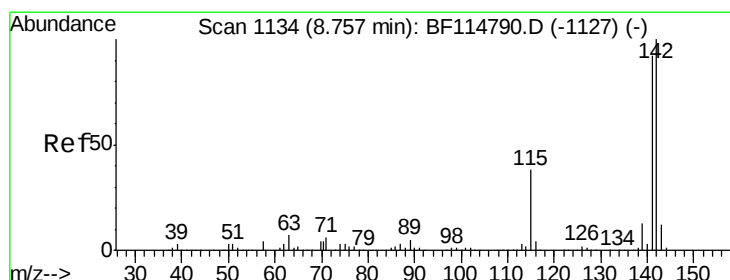
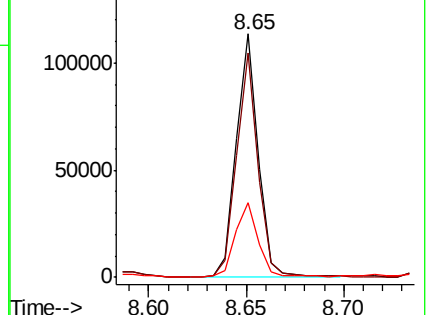
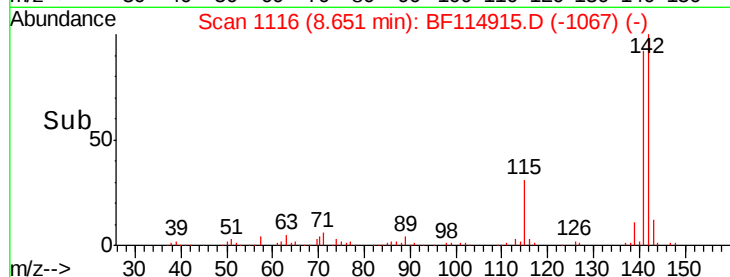


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 2.372 ng

RT: 8.65 min Scan# 1116

Delta R.T. -0.11 min

Lab File: BF114915.D

Acq: 8 Jun 2019 2:44

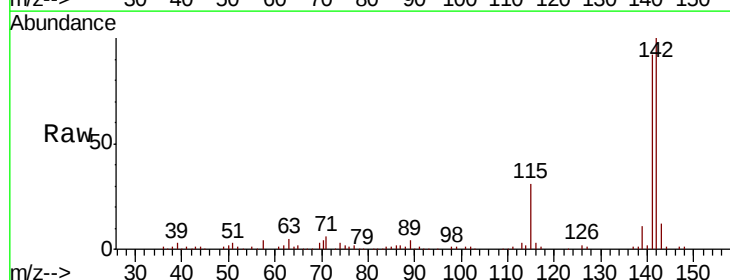
Tgt Ion:142 Resp: 88779

Ion Ratio Lower Upper

142 100

141 92.1 73.8 110.6

116 3.4 3.3 4.9

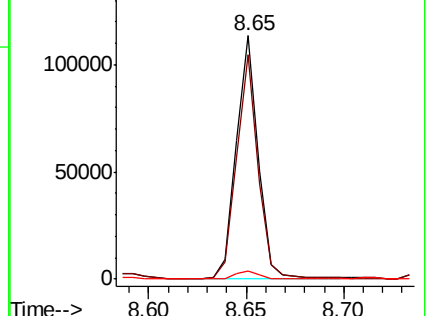
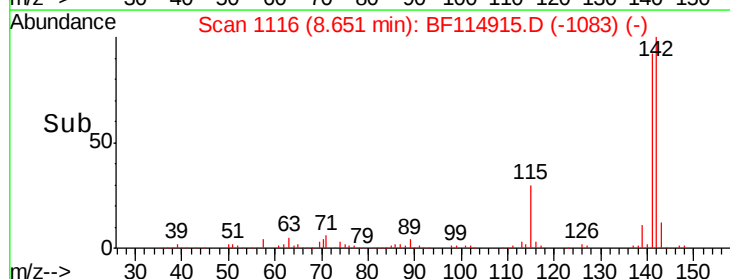


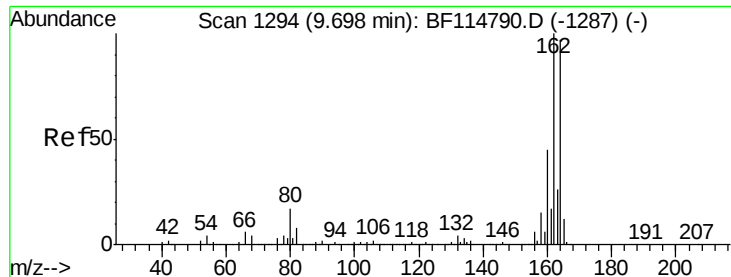
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

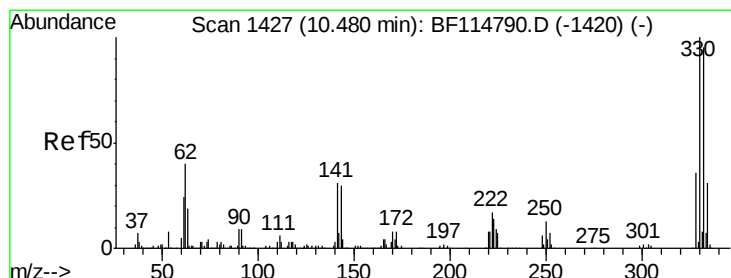
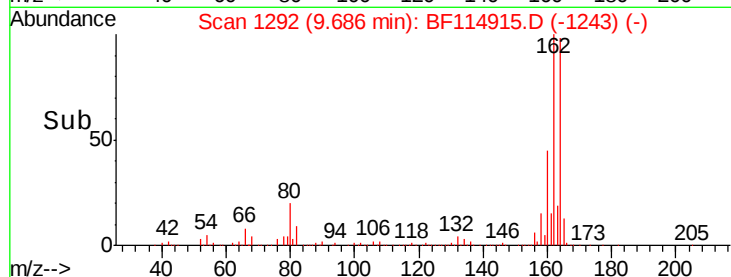
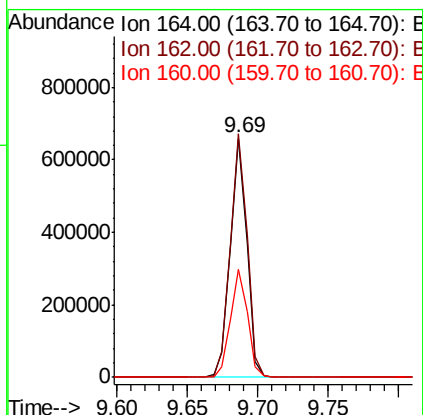
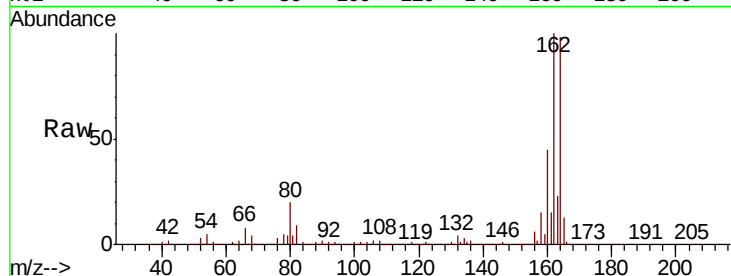




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BF114915.D
 Acq: 8 Jun 2019 2:44

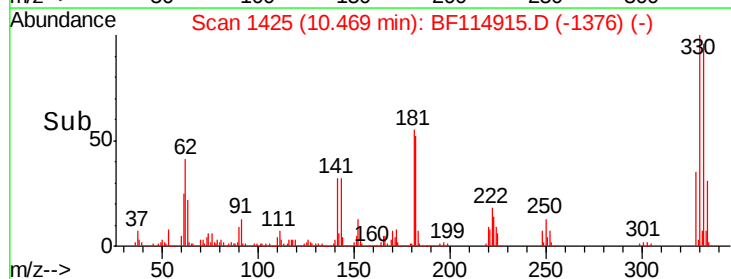
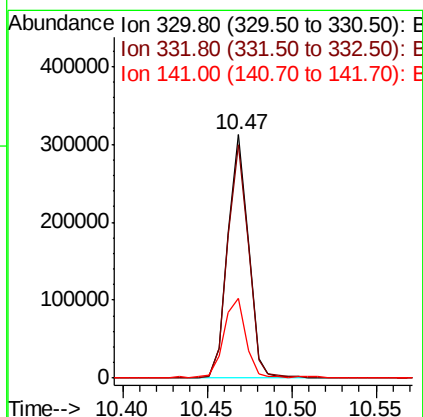
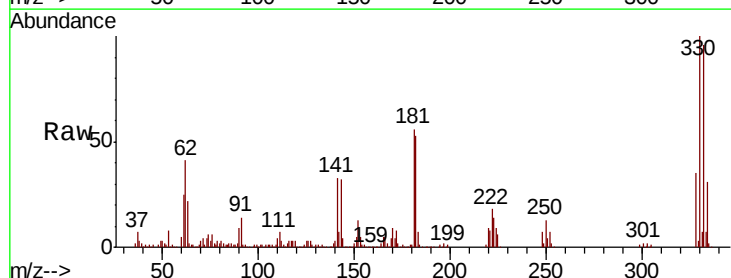
Instrument :
 BNA_F
 ClientSampleId :
 S-7B

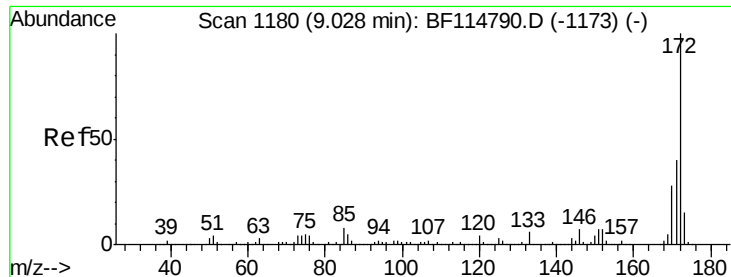
Tgt Ion:164 Resp: 540192
 Ion Ratio Lower Upper
 164 100
 162 101.9 82.3 123.5
 160 45.4 36.7 55.1



#42
 2,4,6-Tribromophenol
 Concen: 45.607 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF114915.D
 Acq: 8 Jun 2019 2:44

Tgt Ion:330 Resp: 265496
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.3 115.9
 141 34.7 26.2 39.4

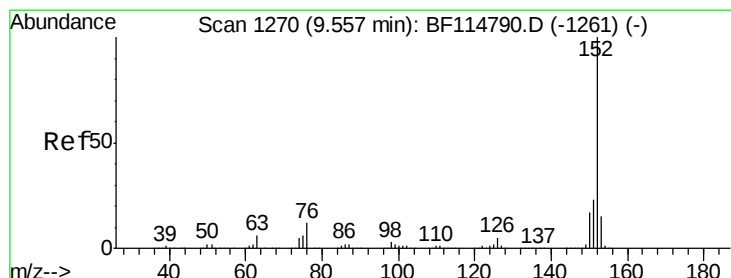
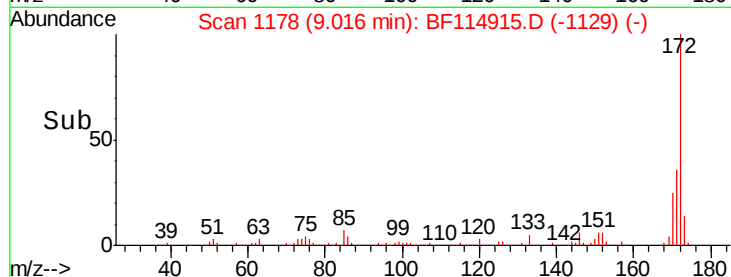
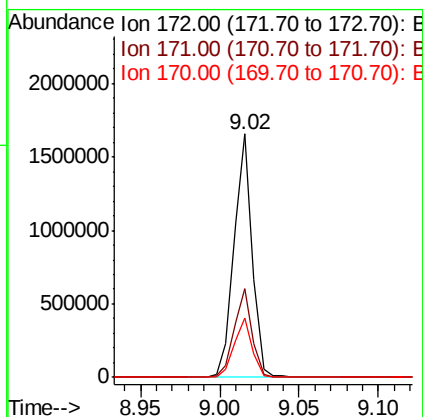
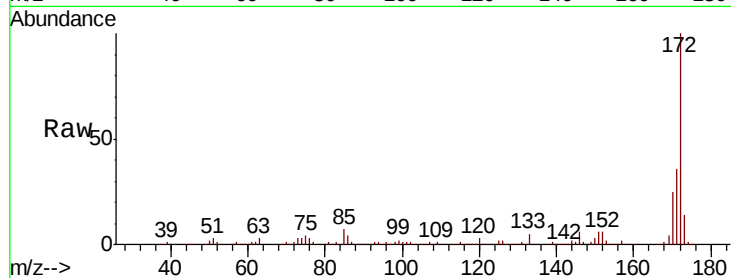




#45
2-Fluorobiphenyl
Concen: 45.673 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF114915.D
Acq: 8 Jun 2019 2:44

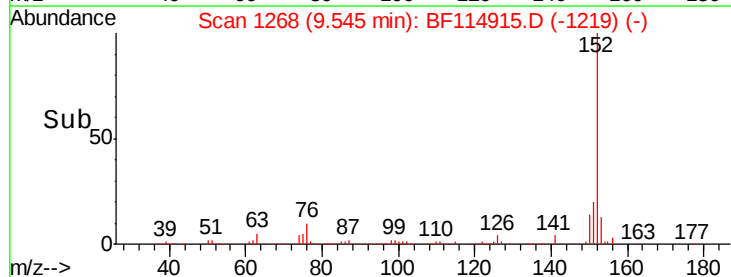
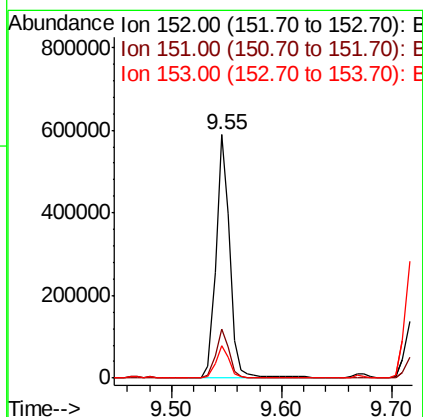
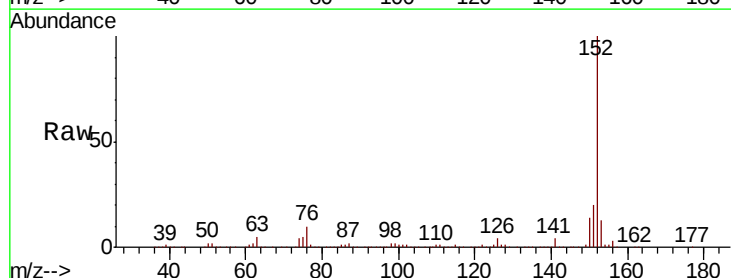
Instrument :
BNA_F
ClientSampleId :
S-7B

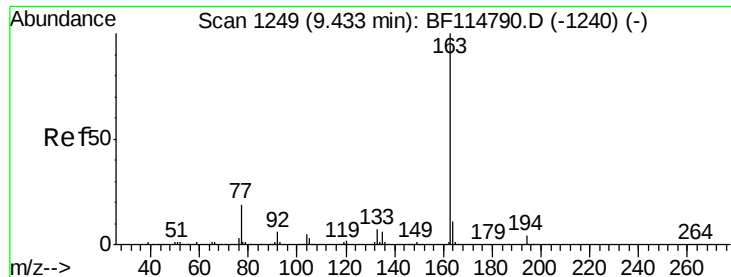
Tgt Ion:172 Resp: 1317064
Ion Ratio Lower Upper
172 100
171 36.3 32.3 48.5
170 24.5 22.4 33.6



#49
Acenaphthylene
Concen: 10.261 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF114915.D
Acq: 8 Jun 2019 2:44

Tgt Ion:152 Resp: 506207
Ion Ratio Lower Upper
152 100
151 20.0 18.3 27.5
153 13.3 12.3 18.5

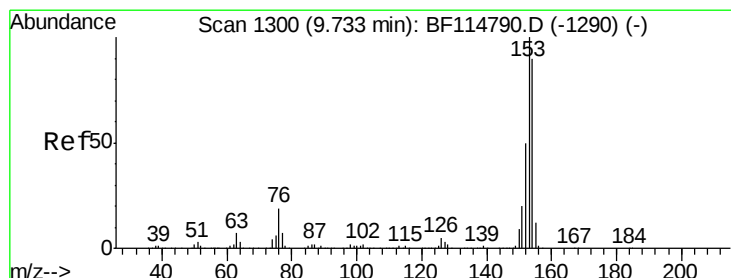
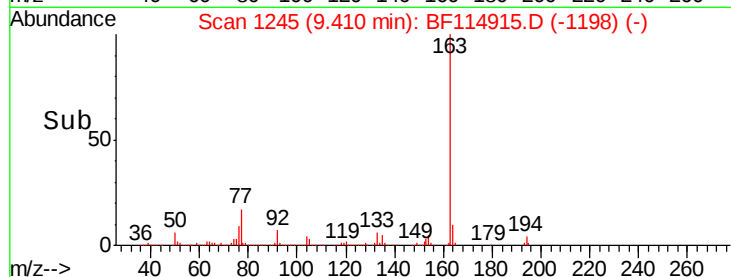
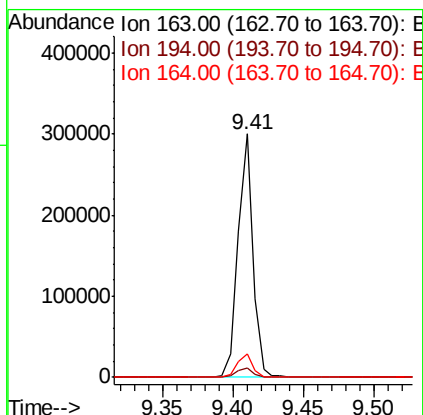
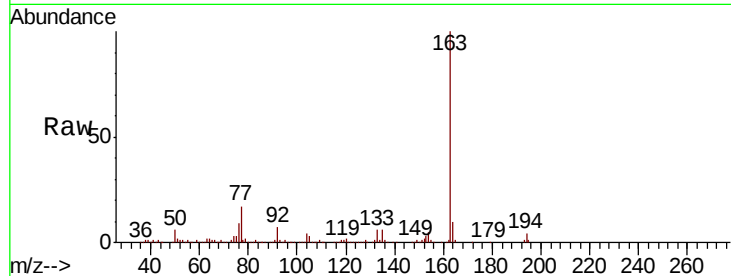




#50
Dimethylphthalate
Concen: 5.542 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.02 min
Lab File: BF114915.D
Acq: 8 Jun 2019 2:44

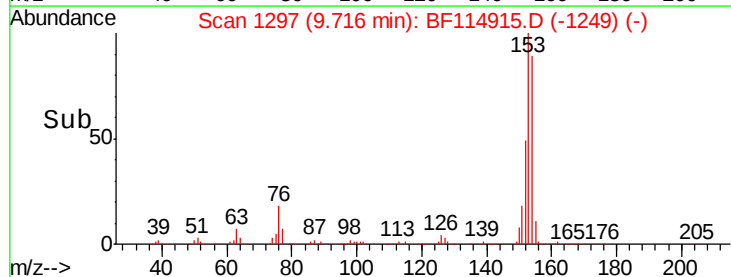
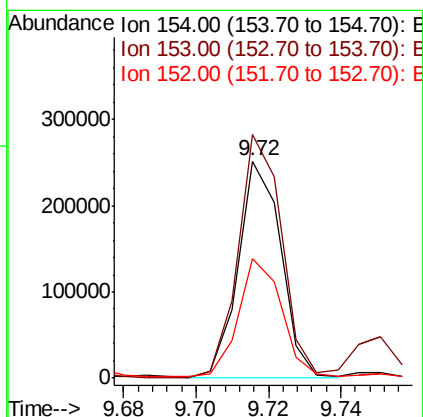
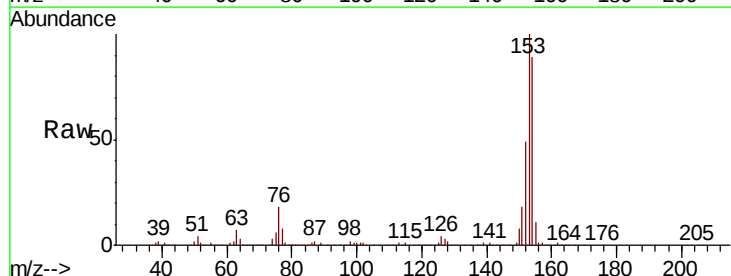
Instrument :
BNA_F
ClientSampleId :
S-7B

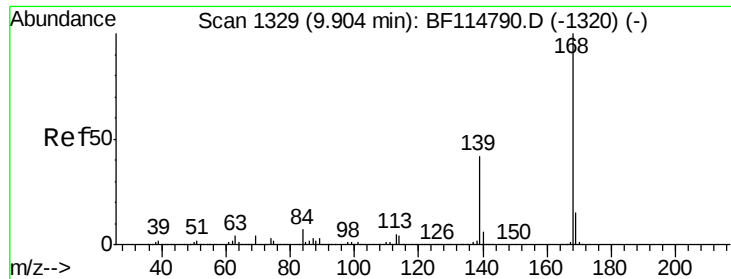
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.4	5.2
164	9.7	8.6	13.0



#52
Acenaphthene
Concen: 6.308 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF114915.D
Acq: 8 Jun 2019 2:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.3	88.5	132.7
152	54.9	44.1	66.1

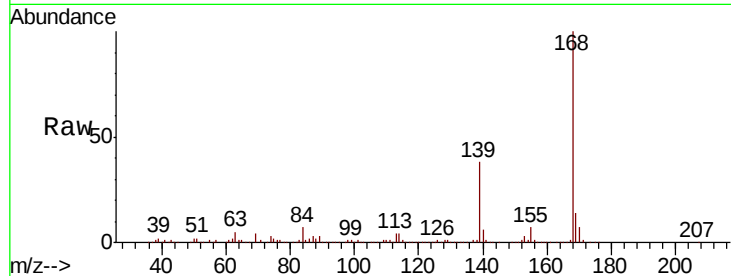




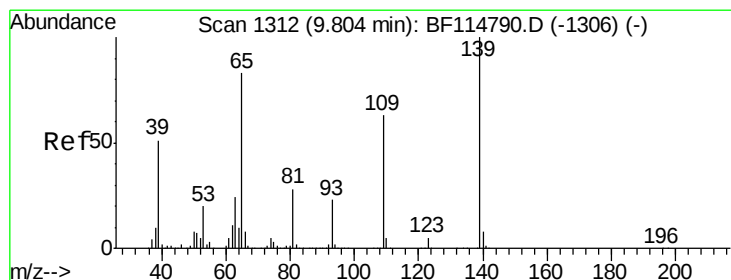
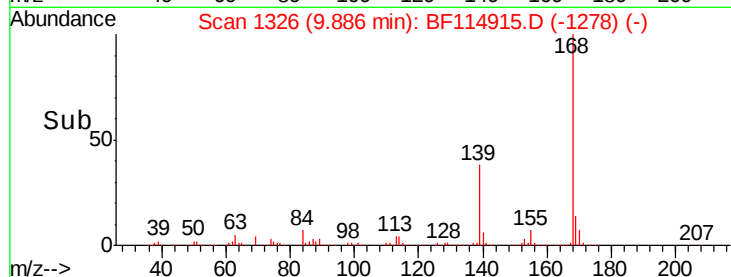
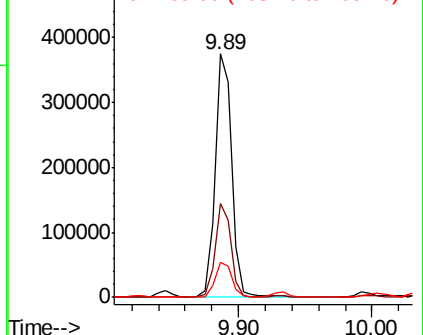
#55
Dibenzofuran
Concen: 7.282 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF114915.D
Acq: 8 Jun 2019 2:44

Instrument :
BNA_F
ClientSampleId :
S-7B

Tgt Ion:168 Resp: 327245
Ion Ratio Lower Upper
168 100
139 38.4 33.8 50.6
169 14.3 11.9 17.9

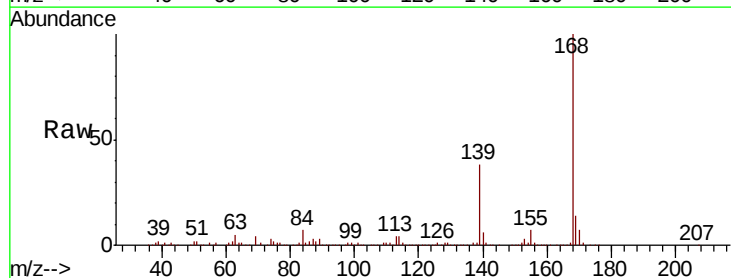


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

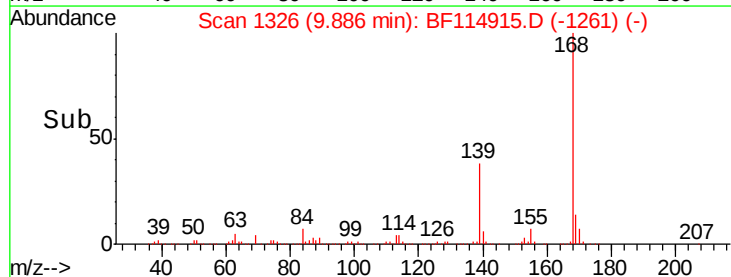
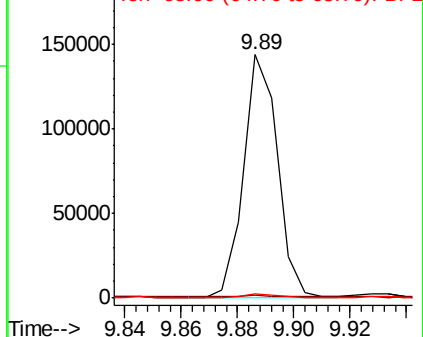


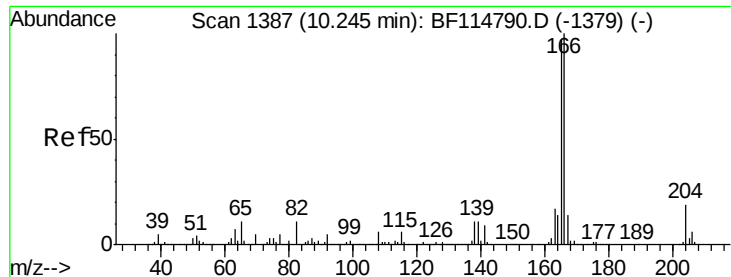
#56
4-Nitrophenol
Concen: 15.260 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.08 min
Lab File: BF114915.D
Acq: 8 Jun 2019 2:44

Tgt Ion:139 Resp: 121199
Ion Ratio Lower Upper
139 100
109 1.3 43.5 83.5#
65 1.8 63.2 103.2#



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: 4.255 ng

RT: 10.23 min Scan# 1384

Delta R.T. -0.02 min

Lab File: BF114915.D

Acq: 8 Jun 2019 2:44

Instrument :

BNA_F

ClientSampled :

S-7B

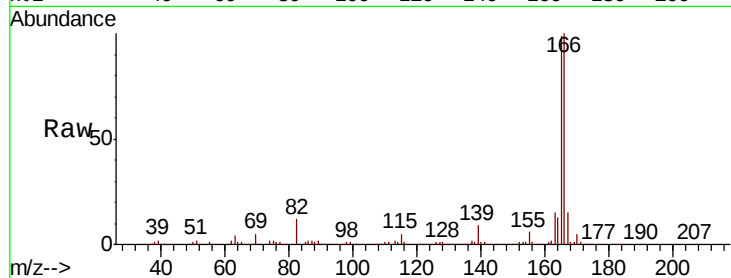
Tgt Ion:166 Resp: 362641

Ion Ratio Lower Upper

166 100

165 98.8 77.9 116.9

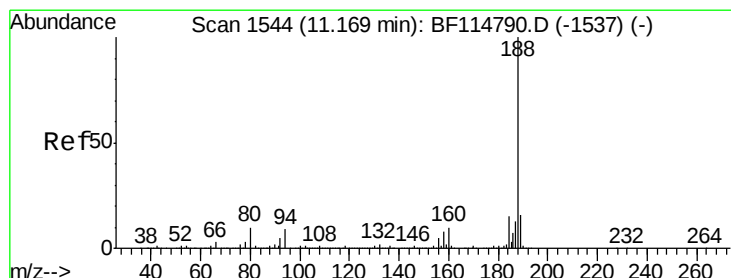
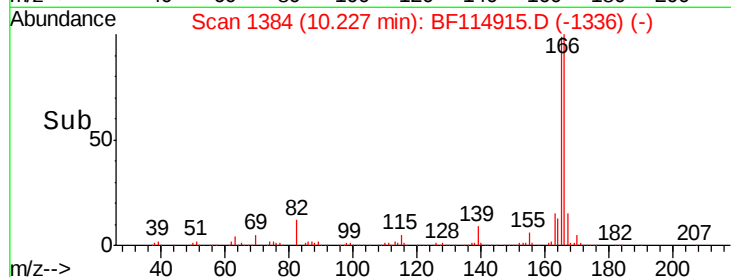
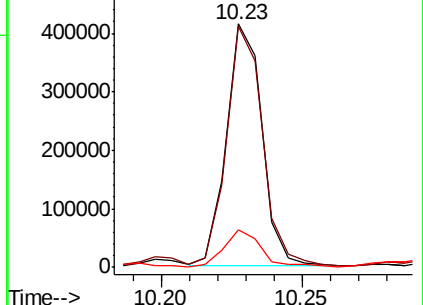
167 15.5 11.3 16.9



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: 11.16 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BF114915.D

Acq: 8 Jun 2019 2:44

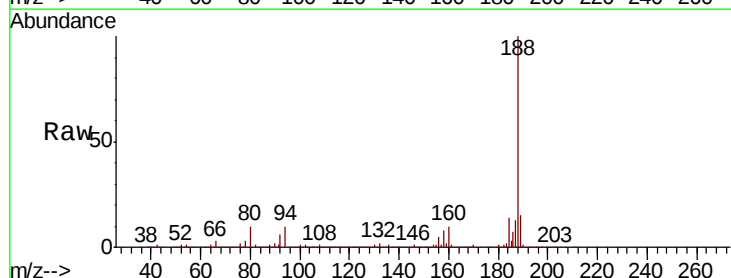
Tgt Ion:188 Resp: 859181

Ion Ratio Lower Upper

188 100

94 9.9 7.6 11.4

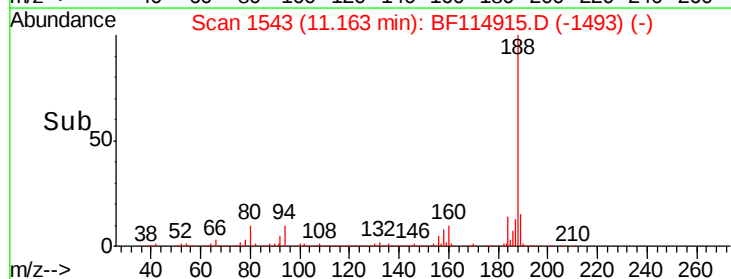
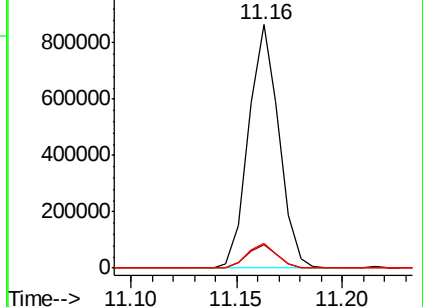
80 10.2 8.3 12.5

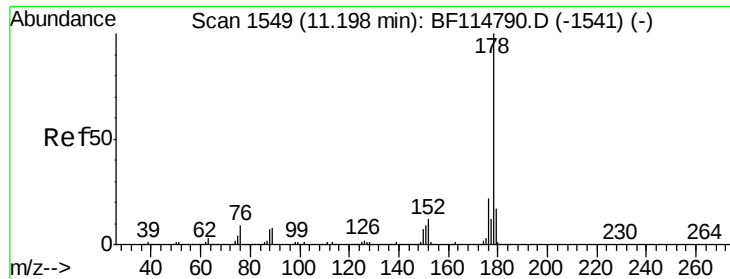


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#71

Phenanthrene

Concen: 100.750 ng

RT: 11.19 min Scan# 1548

Delta R.T. -0.01 min

Lab File: BF114915.D

Acq: 8 Jun 2019 2:44

Instrument :

BNA_F

ClientSampleId :

S-7B

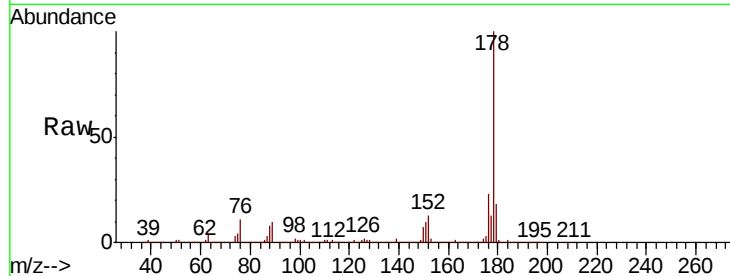
Tgt Ion:178 Resp: 4132414

Ion Ratio Lower Upper

178 100

176 22.5 17.7 26.5

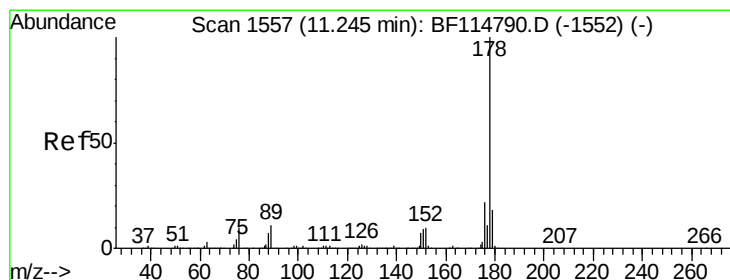
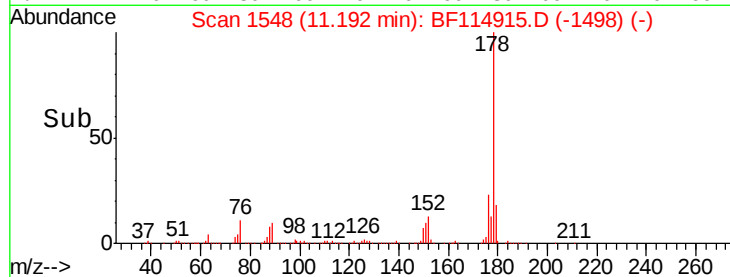
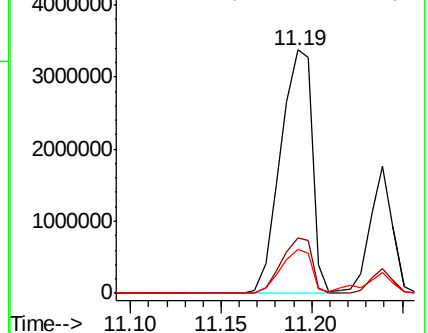
179 18.1 13.7 20.5



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: 33.620 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF114915.D

Acq: 8 Jun 2019 2:44

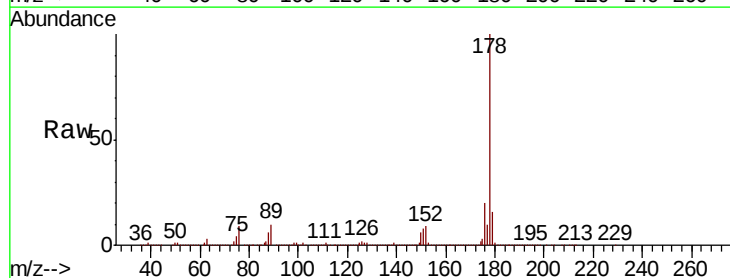
Tgt Ion:178 Resp: 1451244

Ion Ratio Lower Upper

178 100

176 19.7 17.4 26.0

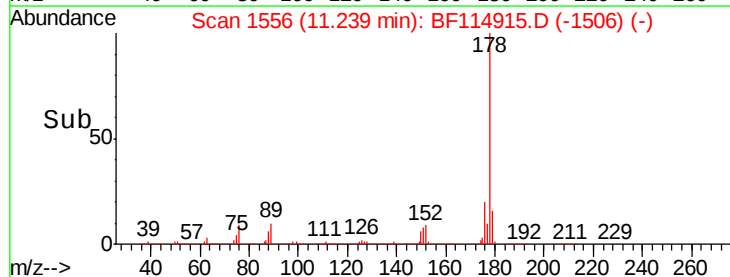
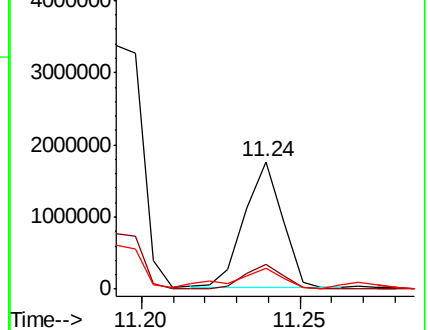
179 16.3 14.2 21.4

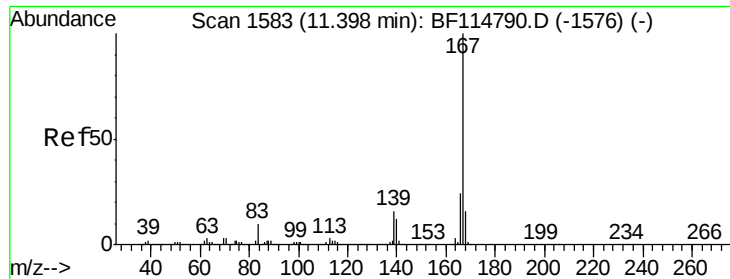


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 18.260 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF114915.D

Acq: 8 Jun 2019 2:44

Instrument :

BNA_F

ClientSampleId :

S-7B

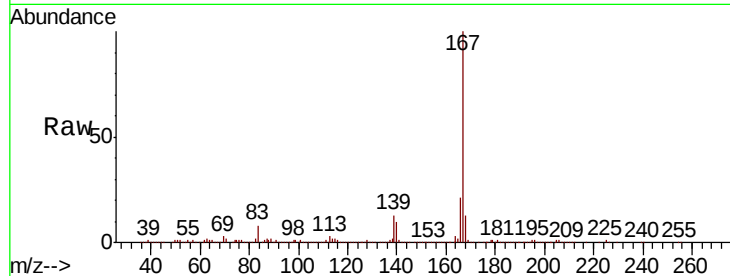
Tgt Ion:167 Resp: 675699

Ion Ratio Lower Upper

167 100

166 21.5 19.1 28.7

139 12.9 12.4 18.6

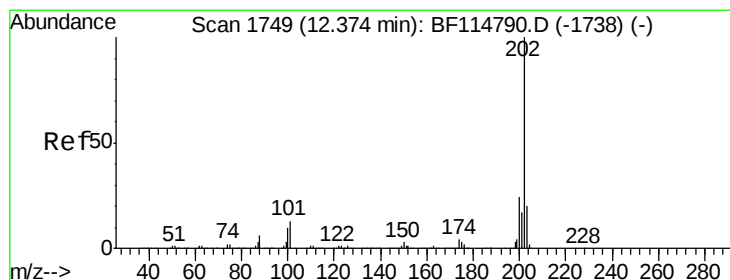
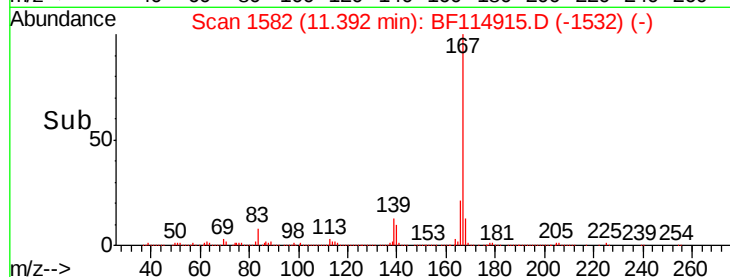
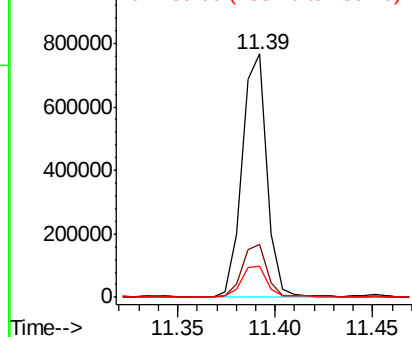


Abundance

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: 121.480 ng

RT: 12.38 min Scan# 1750

Delta R.T. 0.01 min

Lab File: BF114915.D

Acq: 8 Jun 2019 2:44

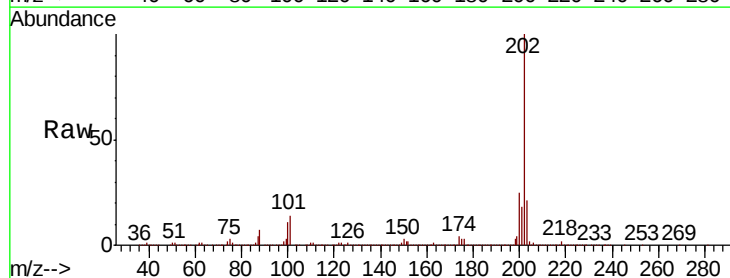
Tgt Ion:202 Resp: 5186010

Ion Ratio Lower Upper

202 100

101 14.3 0.0 32.8

203 20.9 0.2 40.2

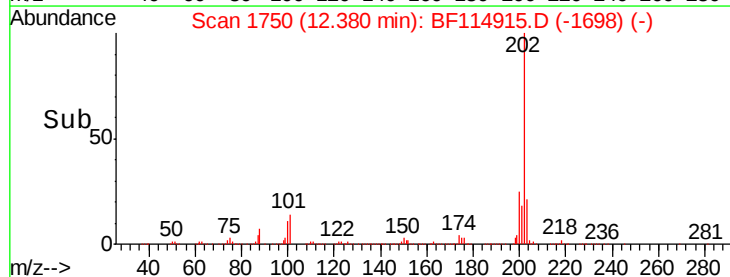
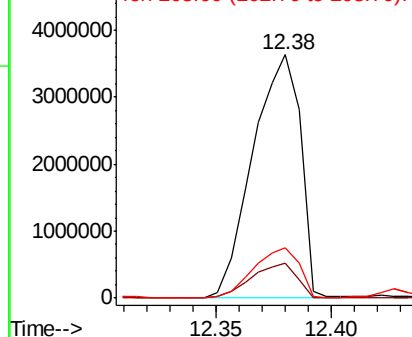


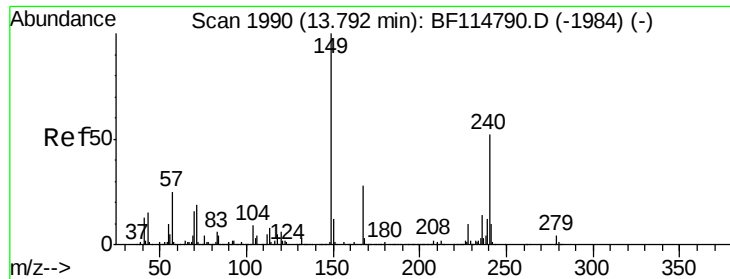
Abundance

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

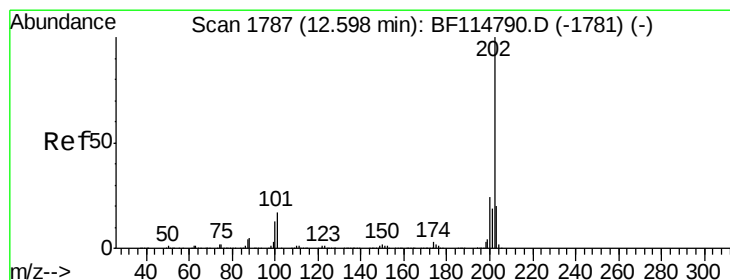
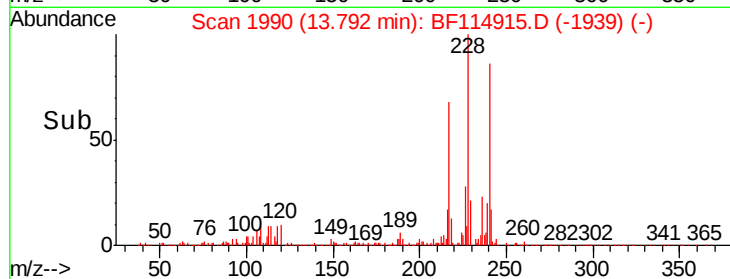
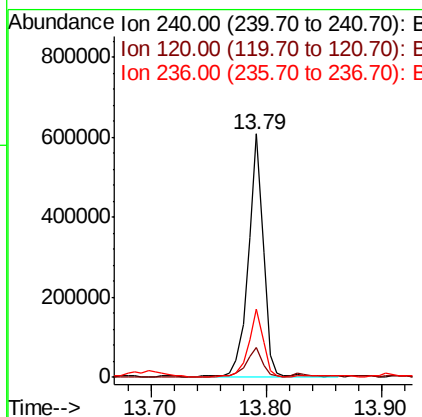
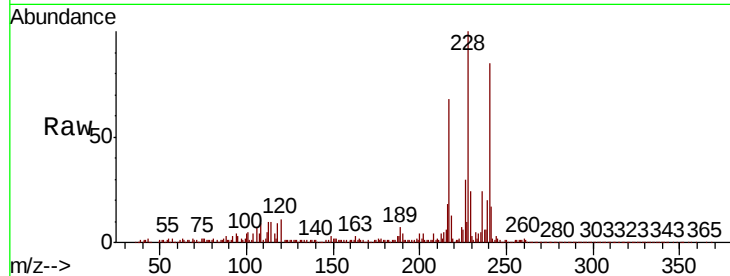




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BF114915.D
Acq: 8 Jun 2019 2:44

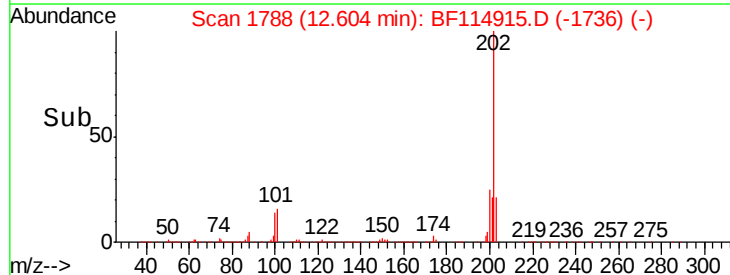
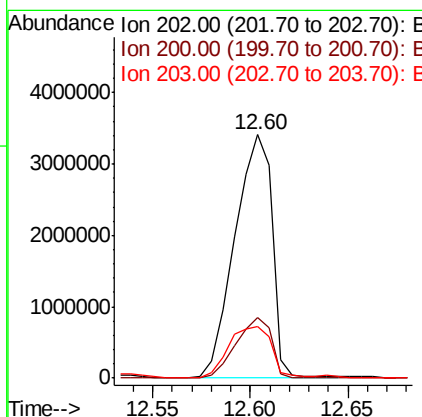
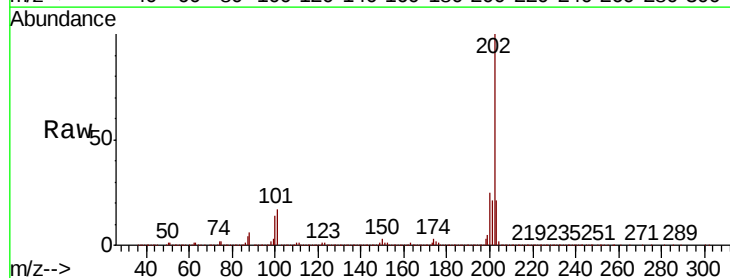
Instrument :
BNA_F
ClientSampleId :
S-7B

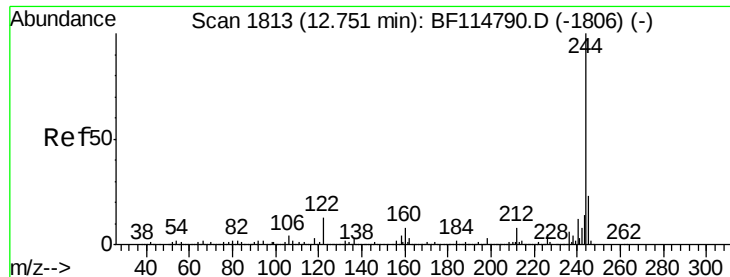
Tgt Ion:240 Resp: 537386
Ion Ratio Lower Upper
240 100
120 12.4 9.0 13.4
236 27.9 21.4 32.0



#78
Pyrene
Concen: 96.455 ng
RT: 12.60 min Scan# 1788
Delta R.T. 0.01 min
Lab File: BF114915.D
Acq: 8 Jun 2019 2:44

Tgt Ion:202 Resp: 4496595
Ion Ratio Lower Upper
202 100
200 25.0 19.2 28.8
203 21.0 15.9 23.9

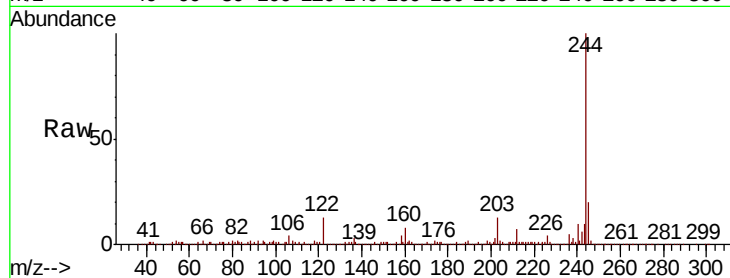




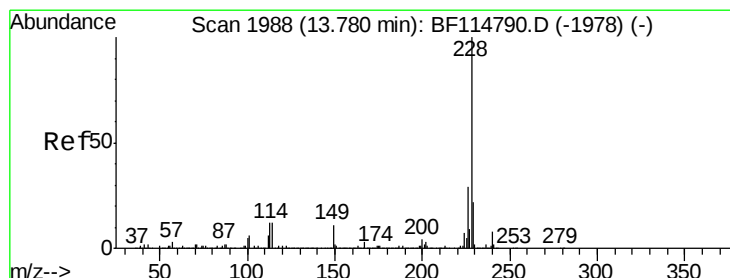
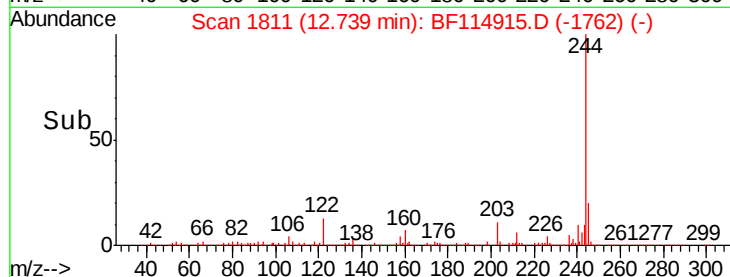
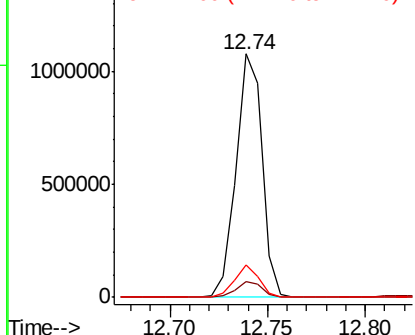
#79
 Terphenyl-d14
 Concen: 35.887 ng
 RT: 12.74 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: BF114915.D
 Acq: 8 Jun 2019 2:44

Instrument :
 BNA_F
 ClientSampled :
 S-7B

Tgt Ion:244 Resp: 991642
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.5 9.7
 122 13.4 10.5 15.7

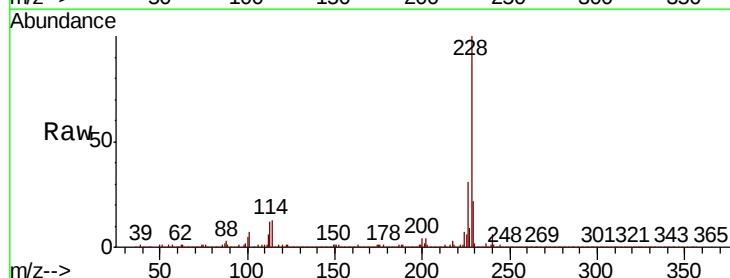


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

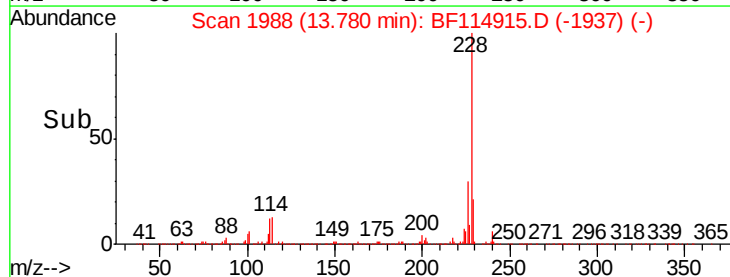
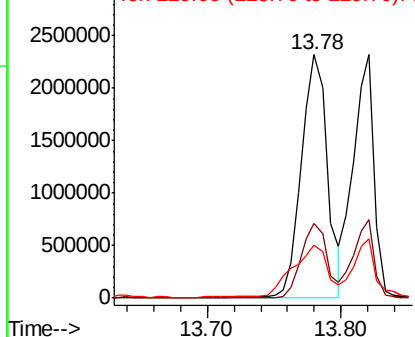


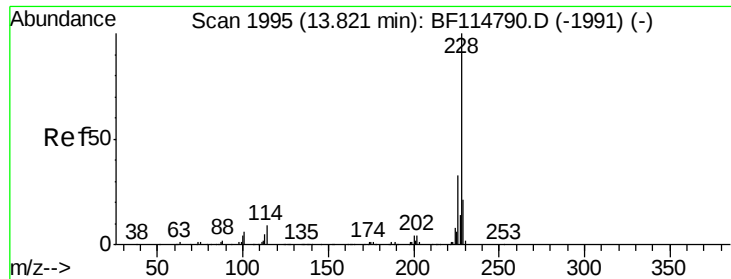
#81
 Benzo(a)anthracene
 Concen: 75.227 ng
 RT: 13.78 min Scan# 1988
 Delta R.T. -0.00 min
 Lab File: BF114915.D
 Acq: 8 Jun 2019 2:44

Tgt Ion:228 Resp: 3115222
 Ion Ratio Lower Upper
 228 100
 226 30.5 23.4 35.2
 229 21.9 17.4 26.0



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: 62.694 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.00 min

Lab File: BF114915.D

Acq: 8 Jun 2019 2:44

Instrument :

BNA_F

ClientSampleId :

S-7B

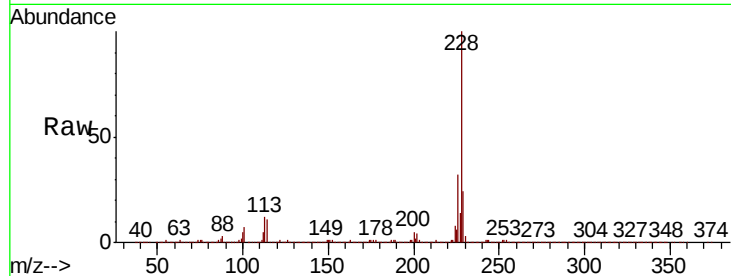
Tgt Ion:228 Resp: 2525624

Ion Ratio Lower Upper

228 100

226 32.1 26.0 39.0

229 24.4 17.1 25.7

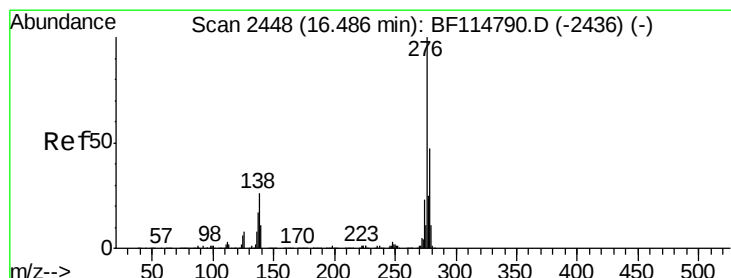
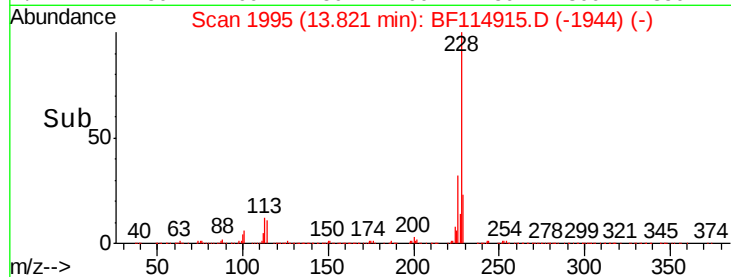
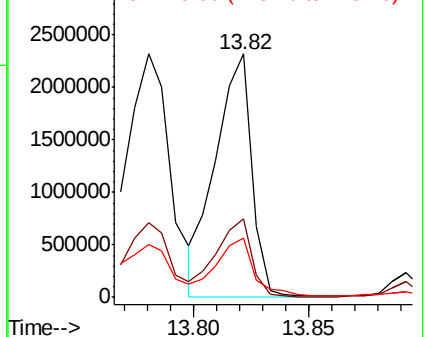


Abundance

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 22.448 ng

RT: 16.48 min Scan# 2447

Delta R.T. -0.01 min

Lab File: BF114915.D

Acq: 8 Jun 2019 2:44

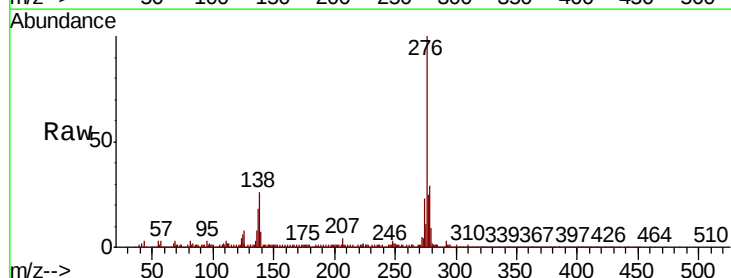
Tgt Ion:276 Resp: 1031820

Ion Ratio Lower Upper

276 100

138 25.9 22.2 33.4

277 27.3 20.6 30.8

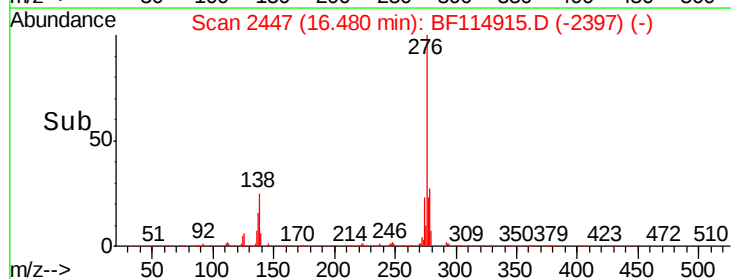
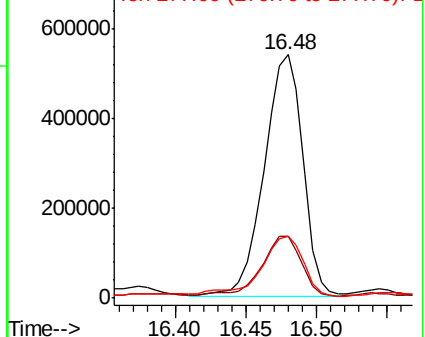


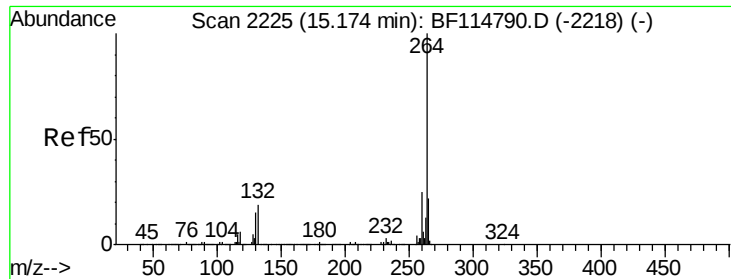
Abundance

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

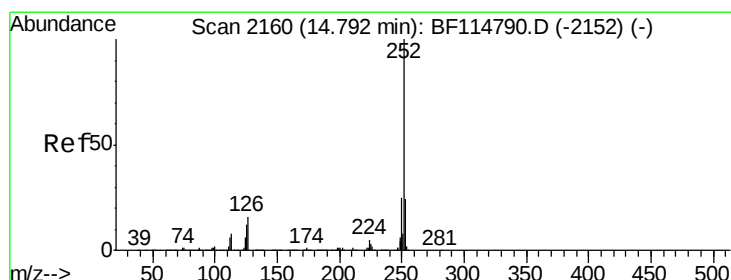
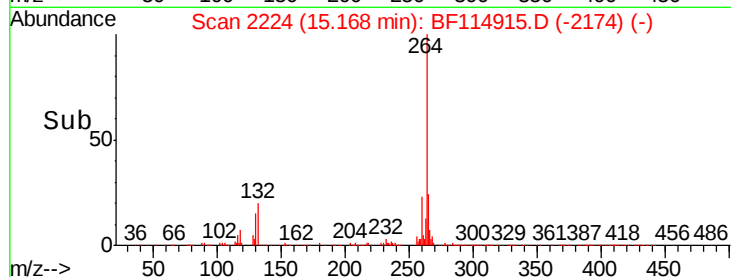
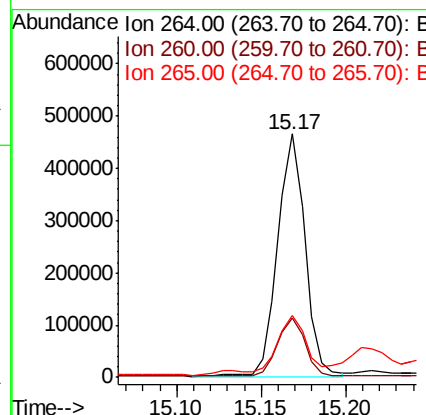
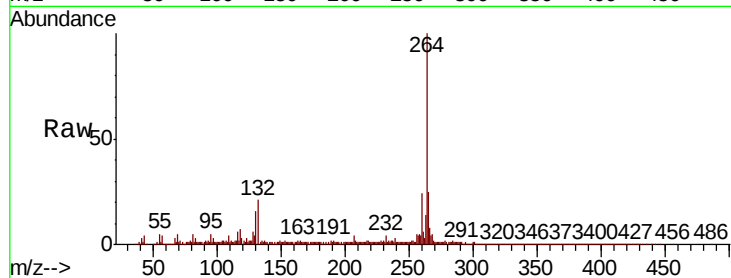




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF114915.D
Acq: 8 Jun 2019 2:44

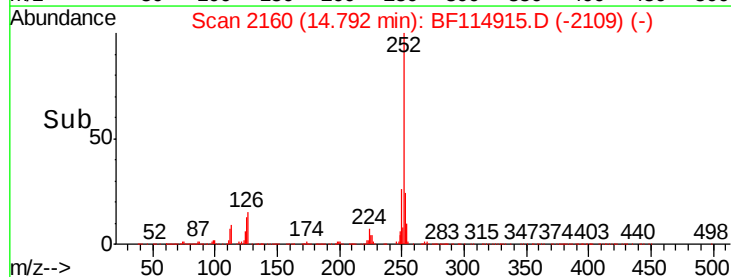
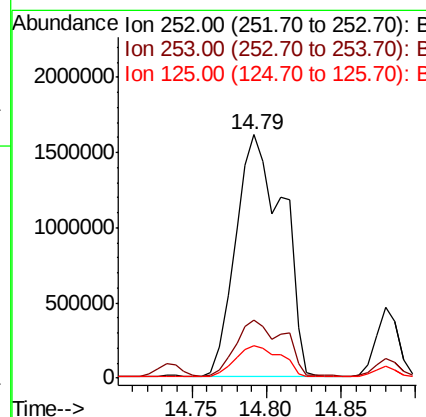
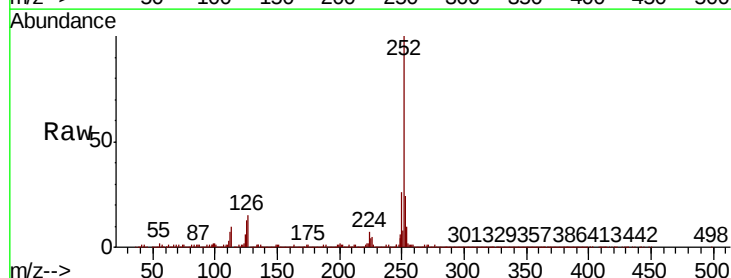
Instrument :
BNA_F
ClientSampleId :
S-7B

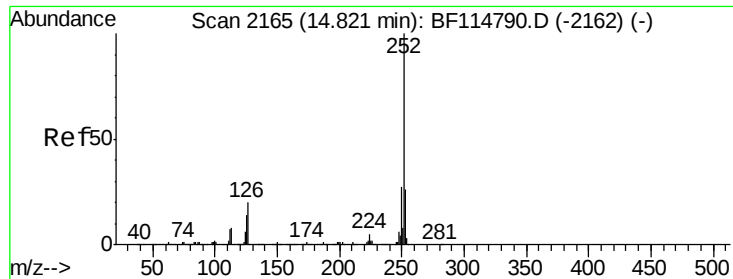
Tgt Ion:264 Resp: 524555
Ion Ratio Lower Upper
264 100
260 24.2 20.1 30.1
265 25.3 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 106.230 ng
RT: 14.79 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BF114915.D
Acq: 8 Jun 2019 2:44

Tgt Ion:252 Resp: 3547456
Ion Ratio Lower Upper
252 100
253 24.0 19.0 28.6
125 13.1 9.4 14.0

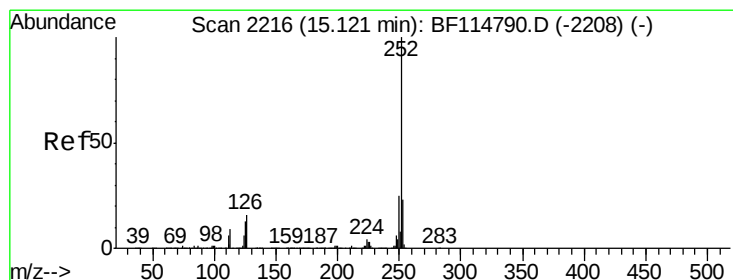
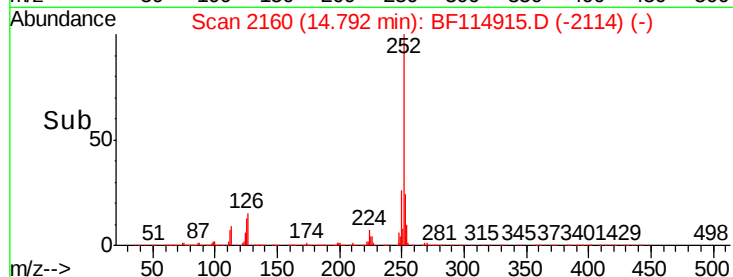
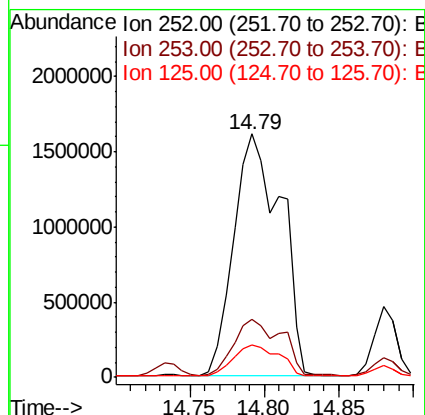
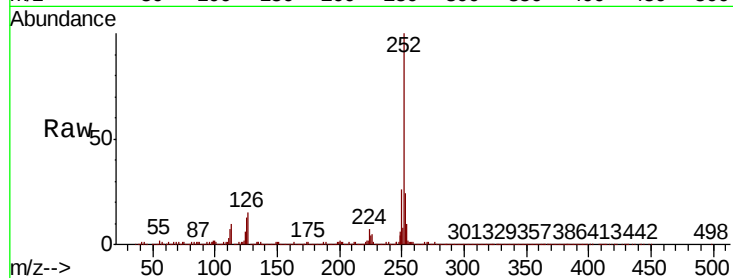




#89
Benzo(k)fluoranthene
Concen: 125.092 ng
RT: 14.79 min Scan# 2160
Delta R.T. -0.03 min
Lab File: BF114915.D
Acq: 8 Jun 2019 2:44

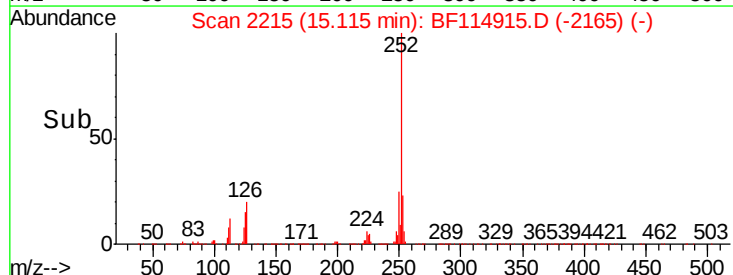
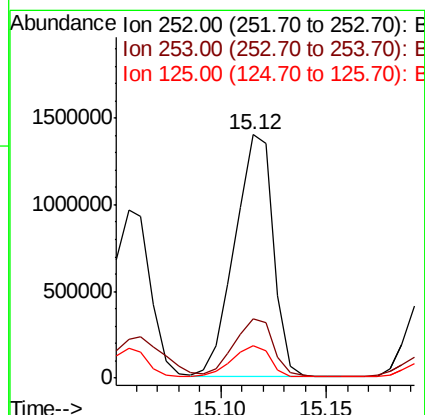
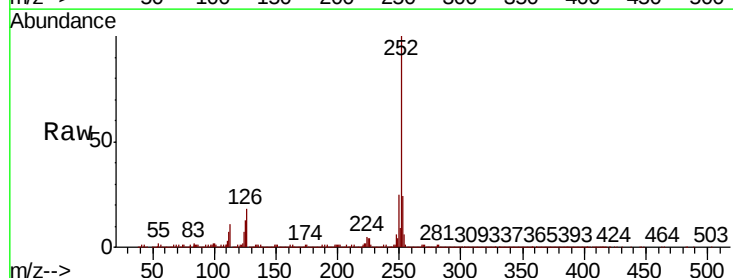
Instrument :
BNA_F
ClientSampleId :
S-7B

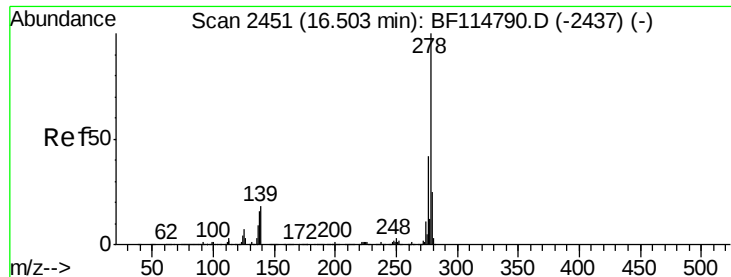
Tgt Ion:252 Resp: 3547456
Ion Ratio Lower Upper
252 100
253 24.0 19.3 28.9
125 13.1 10.1 15.1



#90
Benzo(a)pyrene
Concen: 61.215 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF114915.D
Acq: 8 Jun 2019 2:44

Tgt Ion:252 Resp: 1769334
Ion Ratio Lower Upper
252 100
253 24.4 18.5 27.7
125 13.3 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 9.700 ng

RT: 16.63 min Scan# 2473

Delta R.T. 0.13 min

Lab File: BF114915.D

Acq: 8 Jun 2019 2:44

Instrument :

BNA_F

ClientSampleId :

S-7B

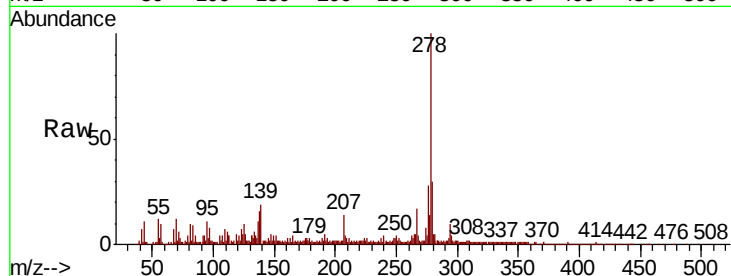
Tgt Ion:278 Resp: 265504

Ion Ratio Lower Upper

278 100

139 18.8 14.6 22.0

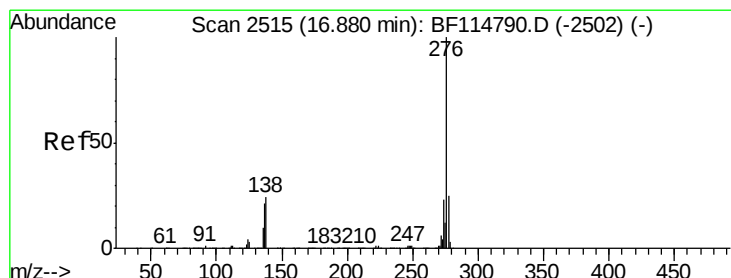
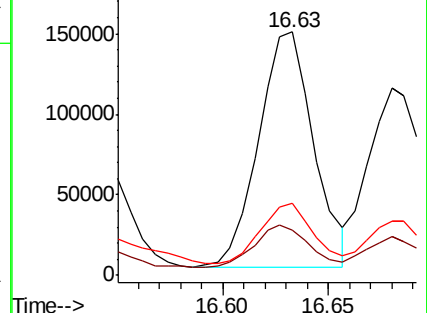
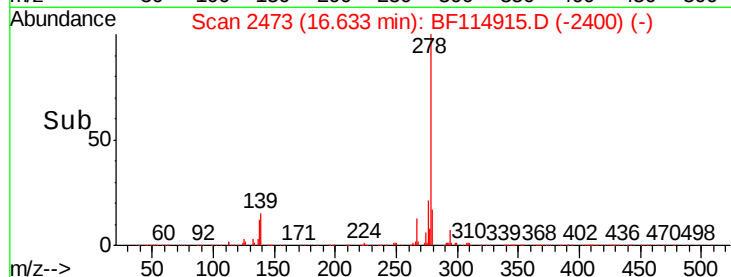
279 29.8 20.1 30.1



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: 32.886 ng

RT: 16.87 min Scan# 2514

Delta R.T. -0.01 min

Lab File: BF114915.D

Acq: 8 Jun 2019 2:44

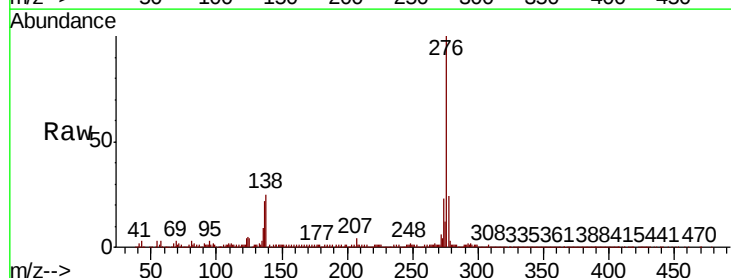
Tgt Ion:276 Resp: 905223

Ion Ratio Lower Upper

276 100

277 24.2 19.8 29.6

138 25.2 19.4 29.2



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

