

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042219\
 Data File : BF113894.D
 Acq On : 22 Apr 2019 22:43
 Operator : JU/SJ
 Sample : K2199-13RE 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-041819-A

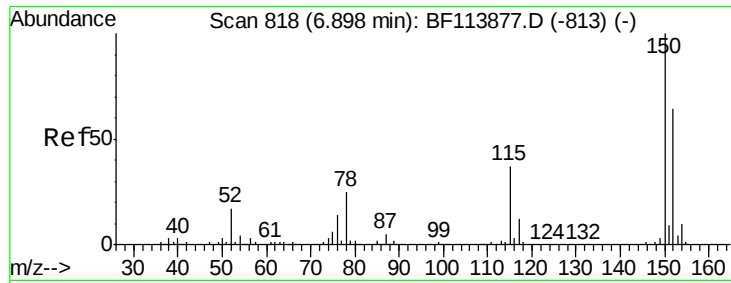
Quant Time: Apr 23 03:56:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	199306	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	723064	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	338729	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	604066	20.00	ng	0.00
76) Chrysene-d12	14.06	240	573503	20.00	ng	-0.01
87) Perylene-d12	15.54	264	573143	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	515934	44.28	ng	0.00
7) Phenol-d6	6.52	99	661446	45.24	ng	0.00
23) Nitrobenzene-d5	7.45	82	383707	32.77	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	174945	42.40	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	716451	33.08	ng	0.00
79) Terphenyl-d14	13.00	244	754761	26.98	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.66	77	11856	Below Cal		89
19) n-Nitroso-di-n-propylamine	7.45	70	52504	5.546 ng	#	75
25) Isophorone	7.45	82	380495	15.879 ng	#	65
37) 2-Methylnaphthalene	8.89	142	49110	2.120 ng		98
38) 1-Methylnaphthalene	8.99	142	49131	2.198 ng		96
49) Acenaphthylene	9.79	152	77220	2.344 ng		99
50) Dimethylphthalate	9.64	163	67074	2.738 ng		98
51) 2,6-Dinitrotoluene	9.93	165	48332	9.196 ng	#	34
52) Acenaphthene	9.96	154	93670	4.811 ng		98
54) 2,4-Dinitrophenol	10.22	184	237	8.412 ng	#	8
55) Dibenzofuran	10.13	168	112086	3.843 ng		98
58) Fluorene	10.47	166	166142	7.567 ng		99
65) 4,6-Dinitro-2-methylphenol	10.72	198	457	7.448 ng	#	1
71) Phenanthrene	11.44	178	1021001	33.632 ng		99
72) Anthracene	11.49	178	339875	11.087 ng		98
73) Carbazole	11.64	167	60183	2.200 ng		99
75) Fluoranthene	12.63	202	1547408	46.720 ng		98
78) Pyrene	12.86	202	1461364	36.438 ng		99
81) Benzo(a)anthracene	14.04	228	757748	22.425 ng		96
83) Chrysene	14.08	228	623160	18.936 ng		97
88) Benzo(b)fluoranthene	15.11	252	984269	27.143 ng	#	95
89) Benzo(k)fluoranthene	15.11	252	984269	31.555 ng		97
90) Benzo(a)pyrene	15.48	252	554610	17.682 ng		98
91) Dibenz(a,h)anthracene	17.04	278	67102	2.279 ng	#	86
92) Benzo(g,h,i)perylene	17.47	276	254214	8.556 ng		97

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

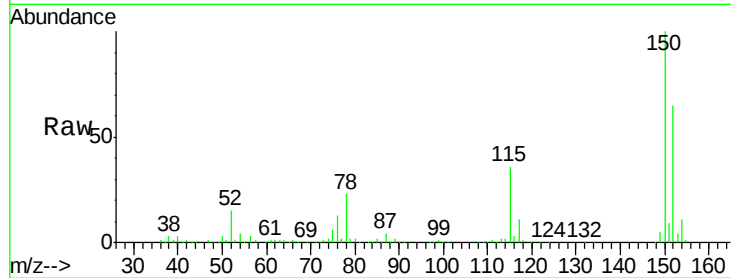


#1

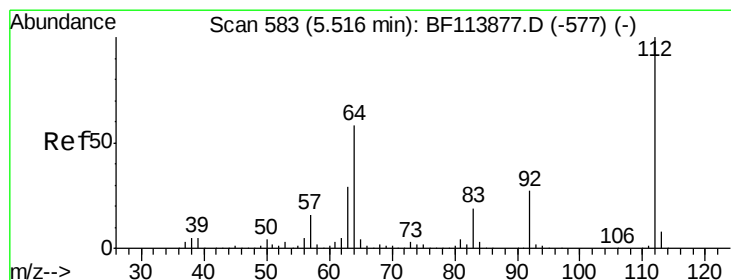
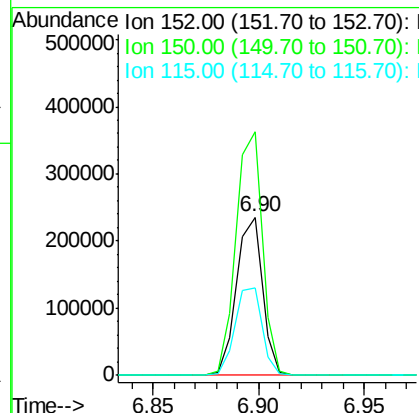
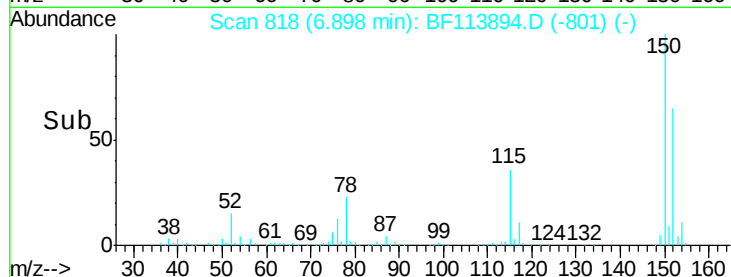
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF113894.D
Acq: 22 Apr 2019 22:43

Instrument :
BNA_F
ClientSampleId :
OR-03-041819-A

Tot Ion:152 Resp: 199306
Ion Ratio Lower Upper
152 100
150 154.1 125.9 188.9
115 55.2 45.9 68.9



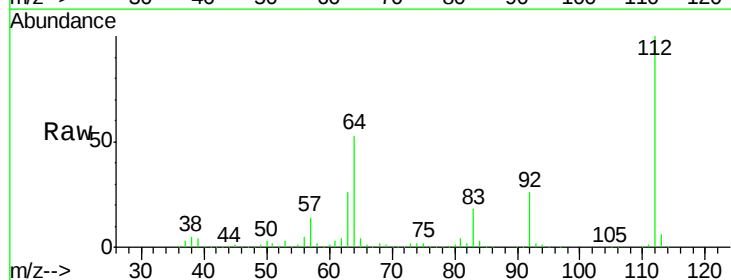
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



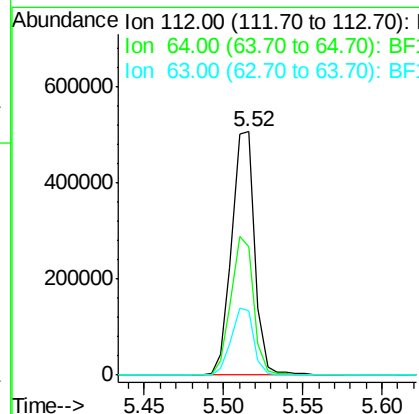
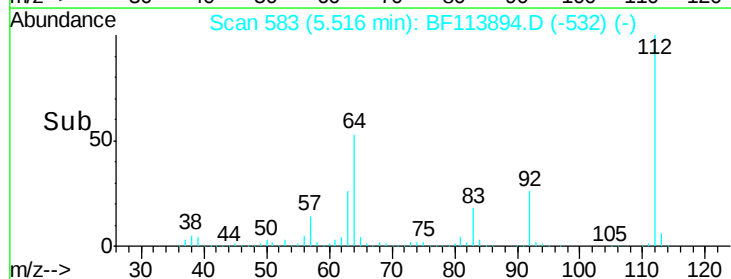
#5

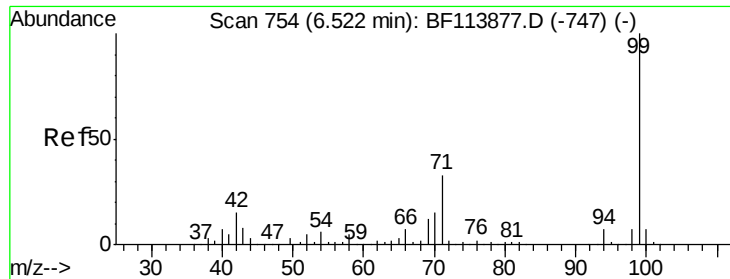
2-Fluorophenol
Concen: 44.275 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF113894.D
Acq: 22 Apr 2019 22:43

Tgt Ion:112 Resp: 515934
Ion Ratio Lower Upper
112 100
64 52.8 46.6 69.8
63 26.4 23.1 34.7



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: 45.243 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF113894.D

Acq: 22 Apr 2019 22:43

Instrument :

BNA_F

ClientSampleId :

OR-03-041819-A

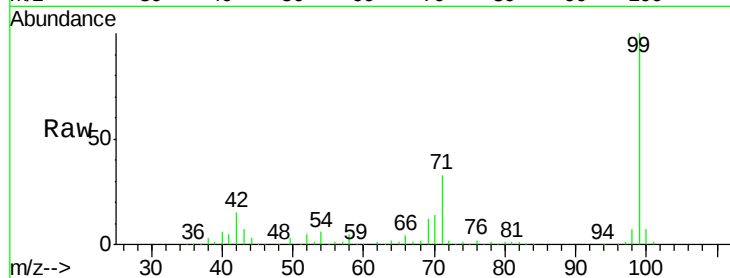
Tot Ion: 99 Resp: 661446

Ion Ratio Lower Upper

99 100

42 14.6 12.5 18.7

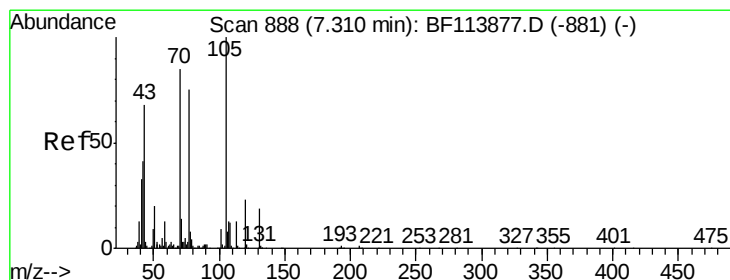
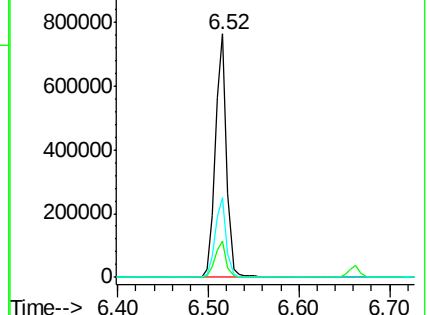
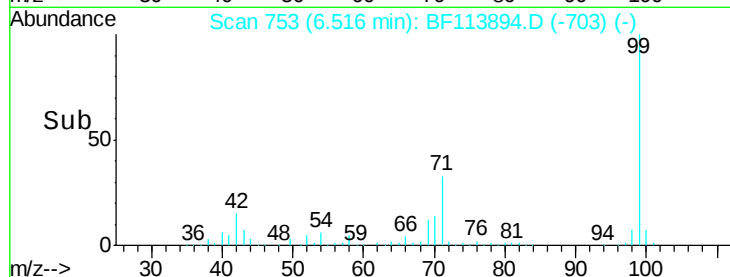
71 33.0 26.9 40.3



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: 5.546 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.14 min

Lab File: BF113894.D

Acq: 22 Apr 2019 22:43

Tgt Ion: 70 Resp: 52504

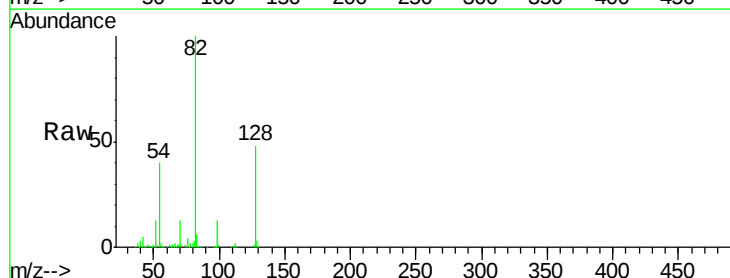
Ion Ratio Lower Upper

70 100

42 35.9 37.3 55.9#

101 0.0 7.8 11.8#

130 2.2 18.2 27.2#

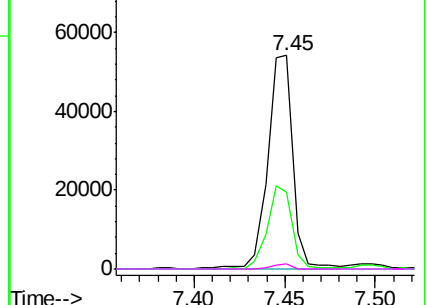
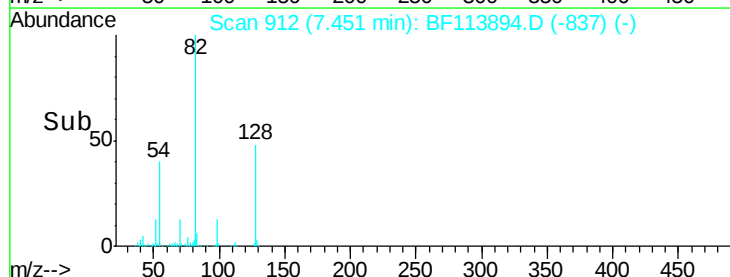


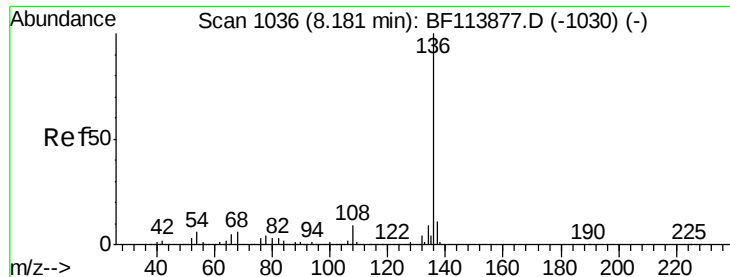
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF113894.D

Acq: 22 Apr 2019 22:43

Instrument :

BNA_F

ClientSampleId :

OR-03-041819-A

Tot Ion:136 Resp: 723064

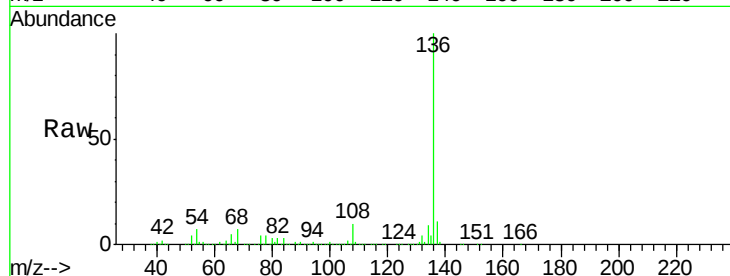
Ion Ratio Lower Upper

136 100

137 11.4 8.6 12.8

54 6.9 5.0 7.6

68 6.6 4.9 7.3

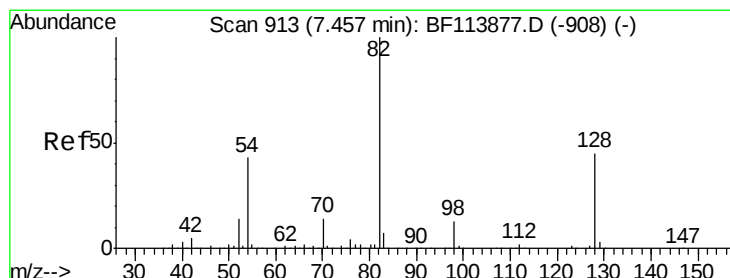
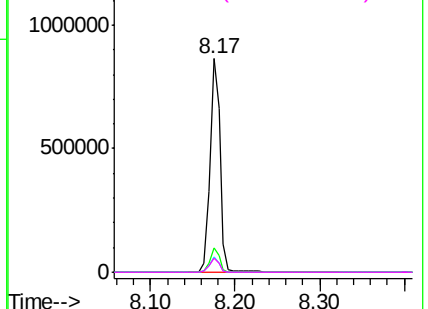
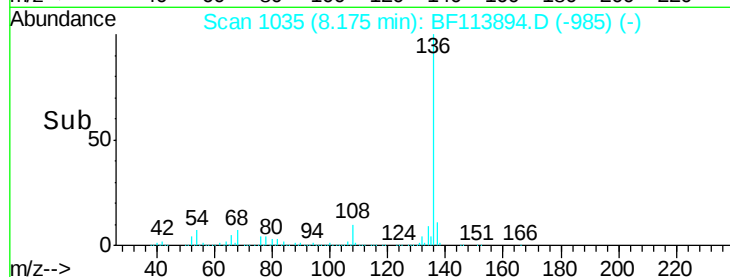


Abundance Ion 136.00 (135.70 to 136.70): E

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: 32.766 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF113894.D

Acq: 22 Apr 2019 22:43

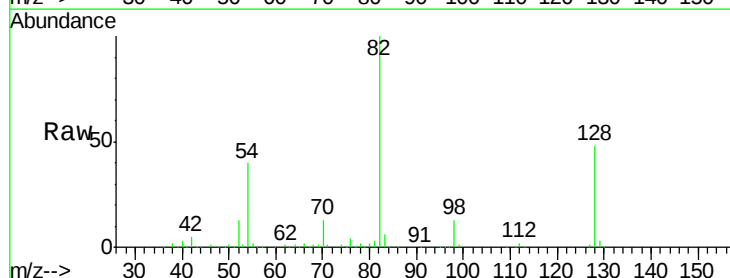
Tgt Ion: 82 Resp: 383707

Ion Ratio Lower Upper

82 100

128 48.4 36.8 55.2

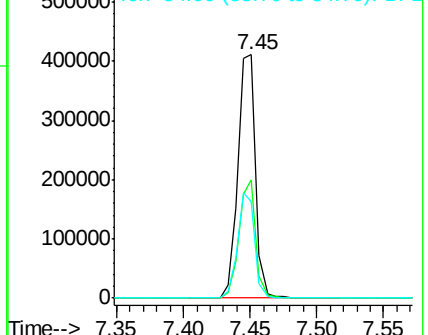
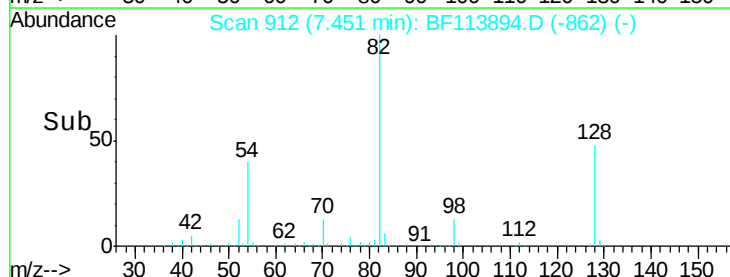
54 39.5 33.8 50.6



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: 15.879 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.26 min

Lab File: BF113894.D

Acq: 22 Apr 2019 22:43

Instrument :

BNA_F

ClientSampleId :

OR-03-041819-A

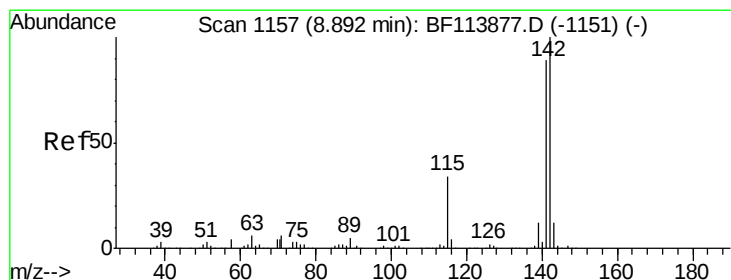
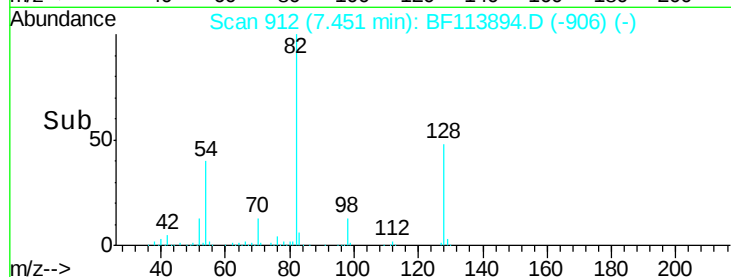
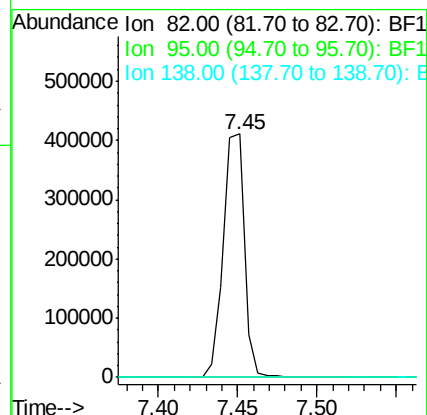
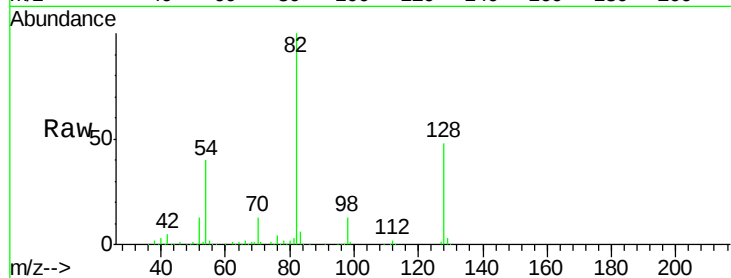
Tot Ion: 82 Resp: 380495

Ion Ratio Lower Upper

82 100

95 0.2 5.4 8.2#

138 0.0 14.6 22.0#



#37

2-Methylnaphthalene

Concen: 2.120 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF113894.D

Acq: 22 Apr 2019 22:43

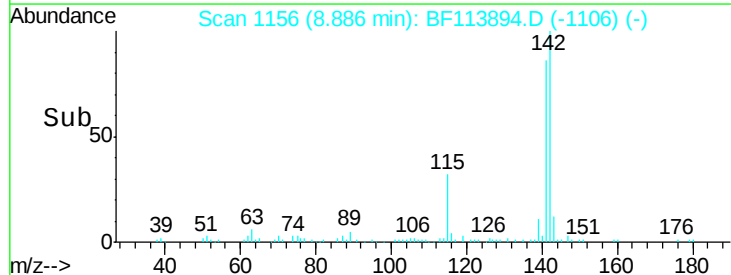
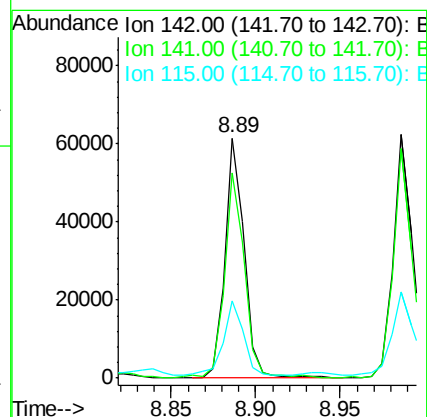
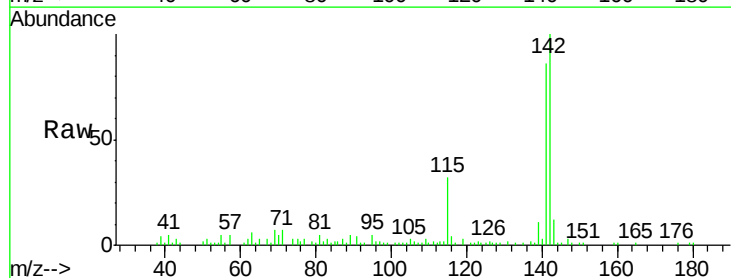
Tgt Ion: 142 Resp: 49110

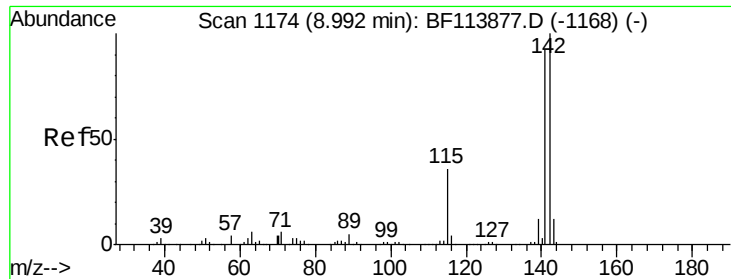
Ion Ratio Lower Upper

142 100

141 85.6 70.4 105.6

115 32.4 26.3 39.5

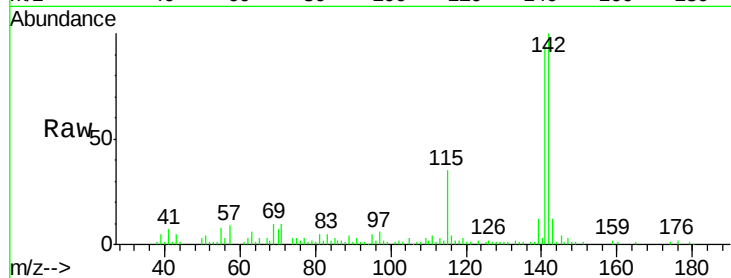




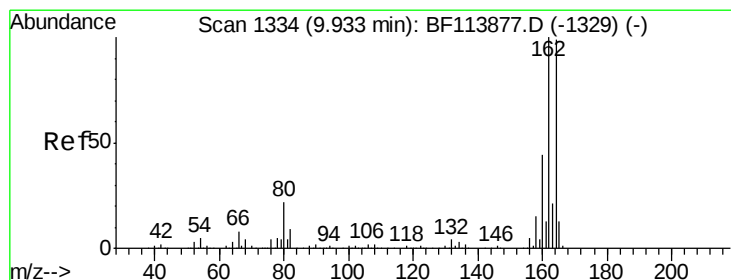
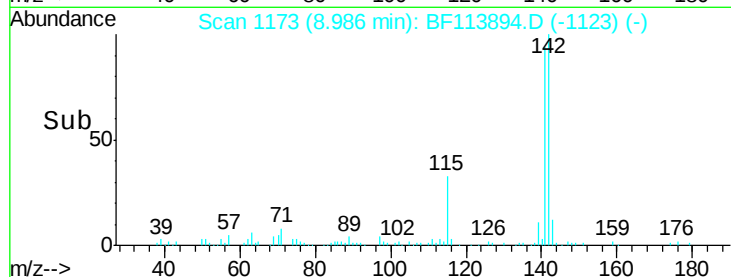
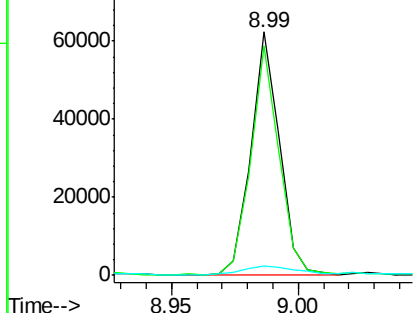
#38
1-Methylnaphthalene
Concen: 2.198 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF113894.D
Acq: 22 Apr 2019 22:43

Instrument :
BNA_F
ClientSampleId :
OR-03-041819-A

Tot Ion:142 Resp: 49131
Ion Ratio Lower Upper
142 100
141 94.5 72.3 108.5
116 3.8 3.0 4.4

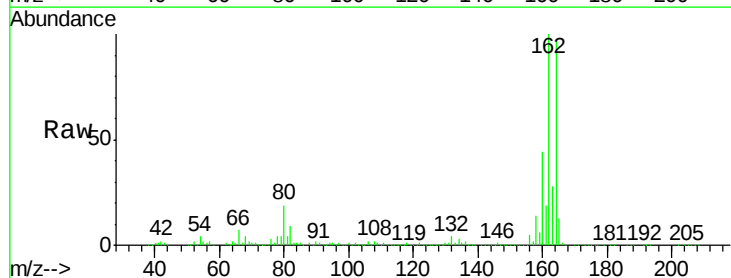


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

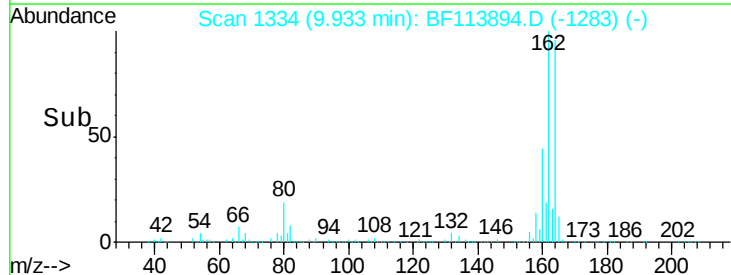
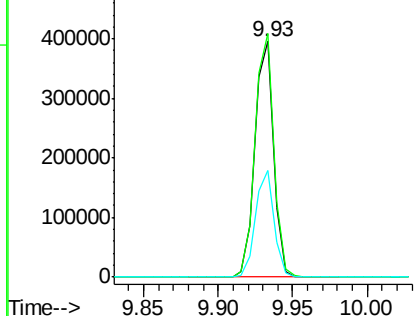


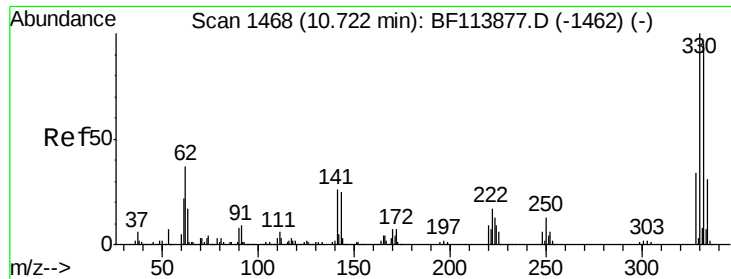
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF113894.D
Acq: 22 Apr 2019 22:43

Tgt Ion:164 Resp: 338729
Ion Ratio Lower Upper
164 100
162 103.4 81.1 121.7
160 45.4 35.8 53.6



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: 42.396 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF113894.D

Acq: 22 Apr 2019 22:43

Instrument :

BNA_F

ClientSampleId :

OR-03-041819-A

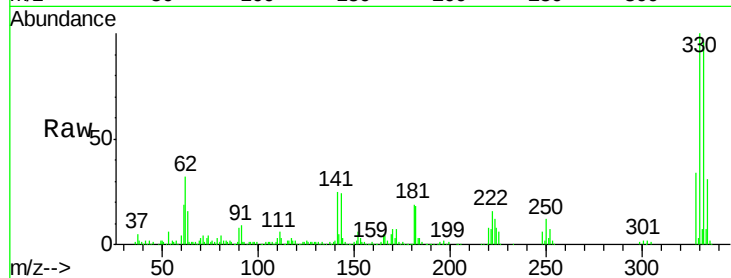
Tot Ion:330 Resp: 174945

Ion Ratio Lower Upper

330 100

332 94.2 77.5 116.3

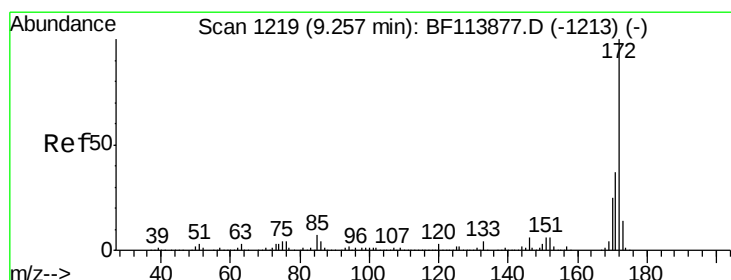
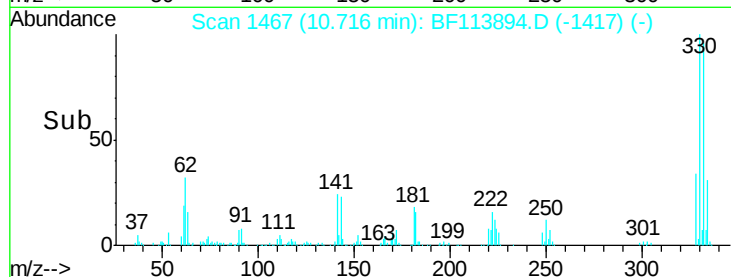
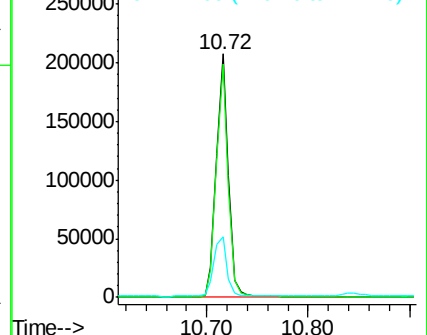
141 25.7 22.2 33.2



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 33.081 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF113894.D

Acq: 22 Apr 2019 22:43

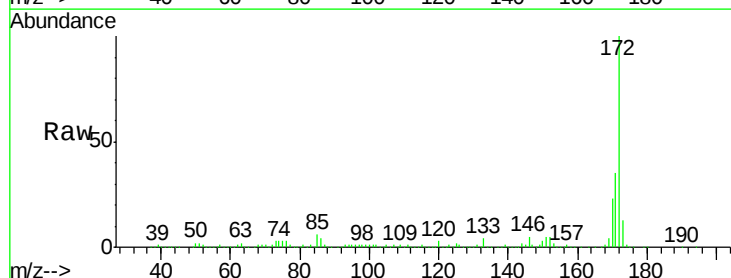
Tgt Ion:172 Resp: 716451

Ion Ratio Lower Upper

172 100

171 35.2 29.4 44.0

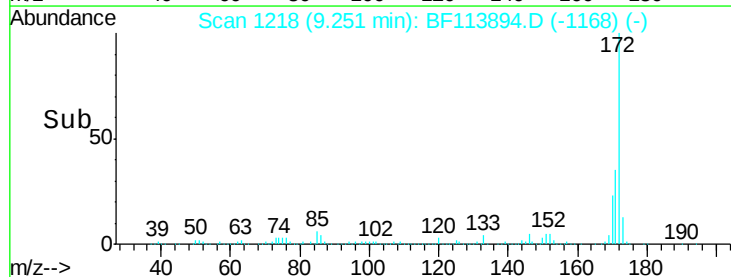
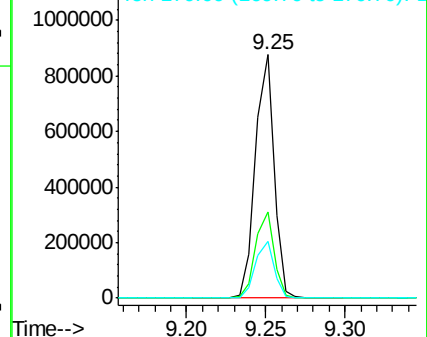
170 23.3 19.9 29.9

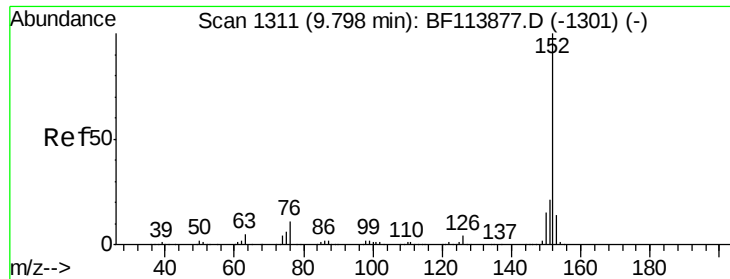


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Acenaphthylene

Concen: 2.344 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF113894.D

Acq: 22 Apr 2019 22:43

Instrument :

BNA_F

ClientSampleId :

OR-03-041819-A

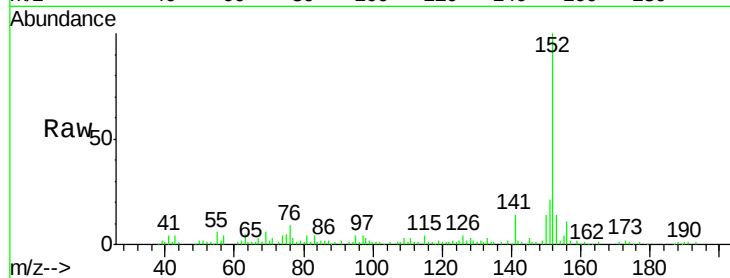
Tot Ion:152 Resp: 77220

Ion Ratio Lower Upper

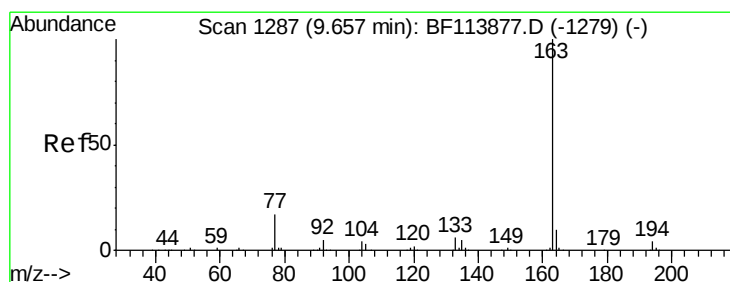
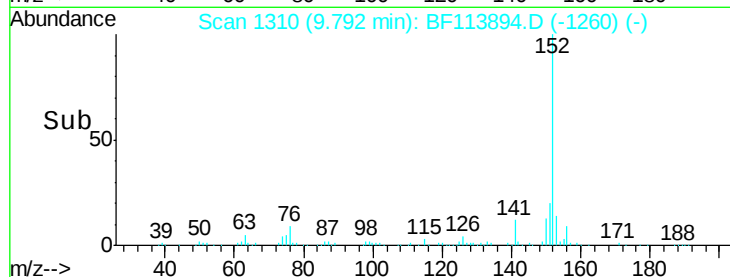
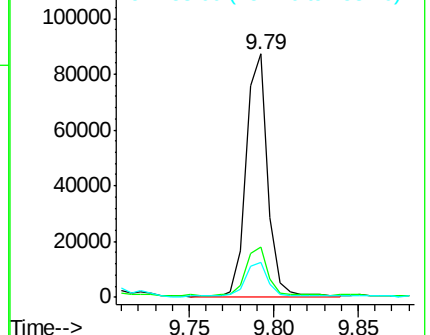
152 100

151 20.9 17.0 25.4

153 14.3 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 2.738 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF113894.D

Acq: 22 Apr 2019 22:43

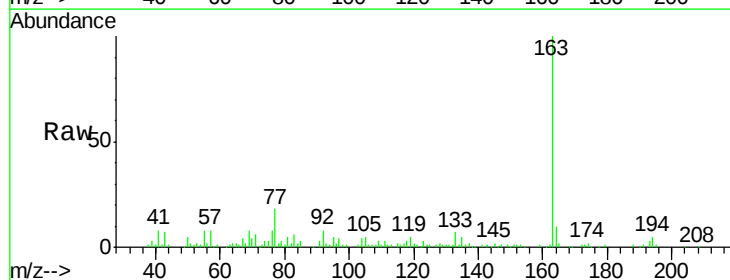
Tgt Ion:163 Resp: 67074

Ion Ratio Lower Upper

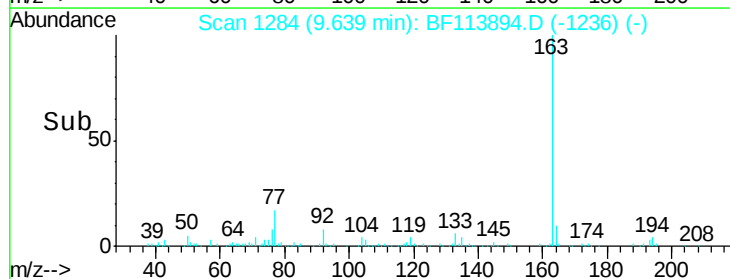
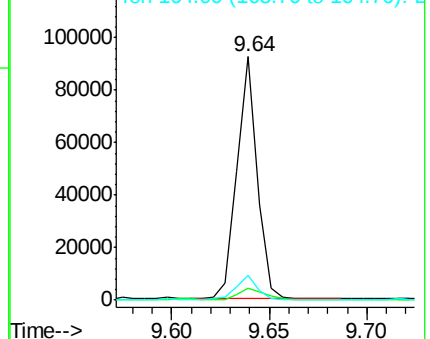
163 100

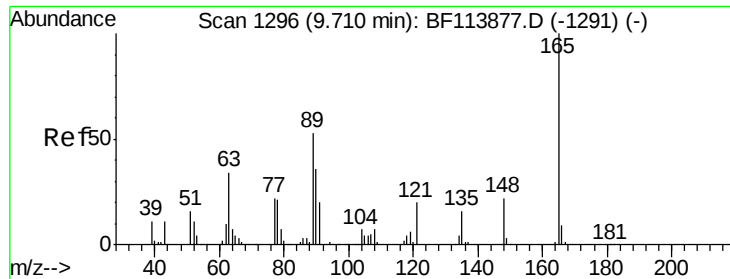
194 4.7 3.4 5.2

164 9.9 8.5 12.7



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

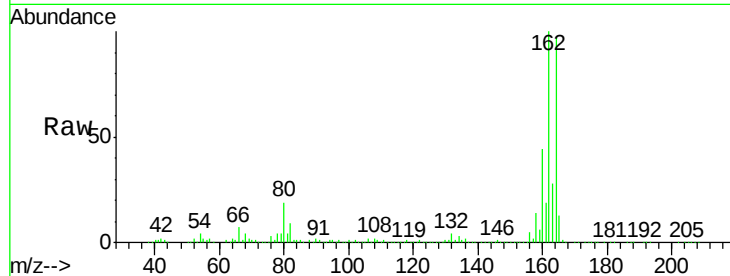




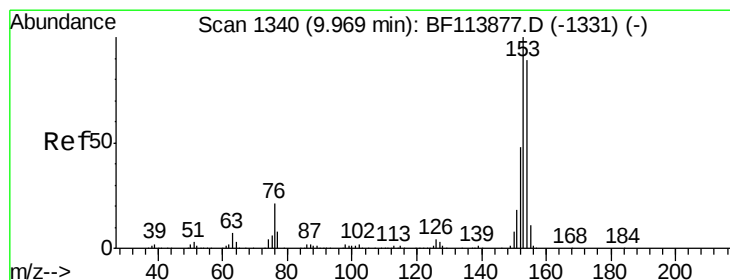
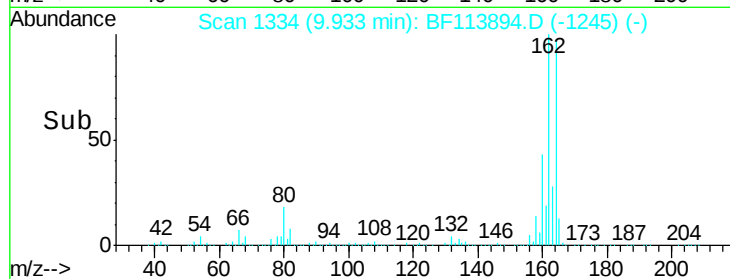
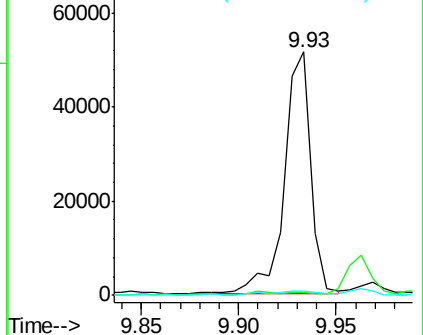
#51
 2,6-Dinitrotoluene
 Concen: 9.196 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.22 min
 Lab File: BF113894.D
 Acq: 22 Apr 2019 22:43

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-041819-A

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	33.8	50.8#
89	1.8	38.2	57.2#

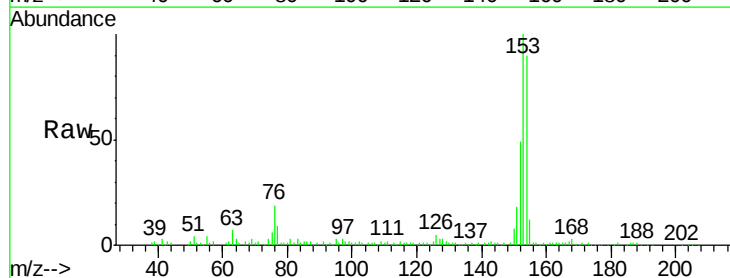


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

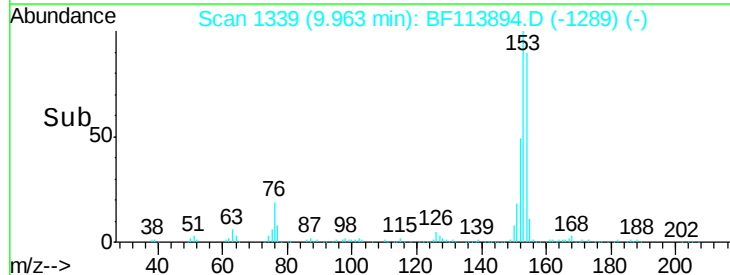
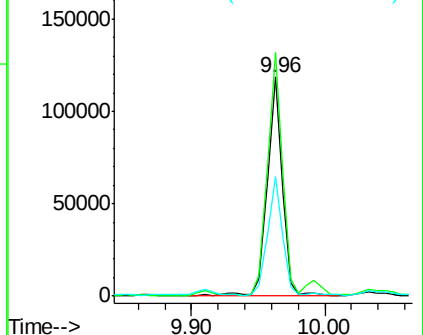


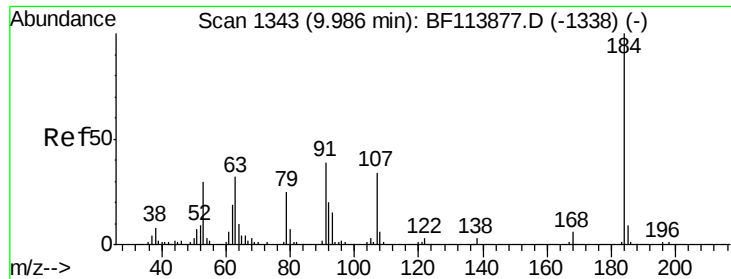
#52
 Acenaphthene
 Concen: 4.811 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF113894.D
 Acq: 22 Apr 2019 22:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.3	87.2	130.8
152	54.4	42.3	63.5



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

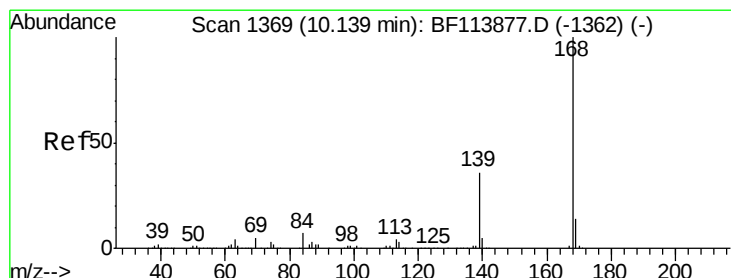
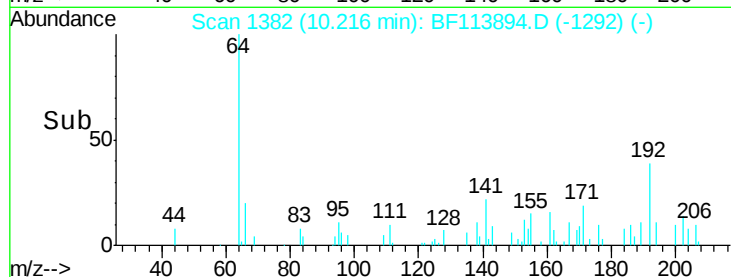
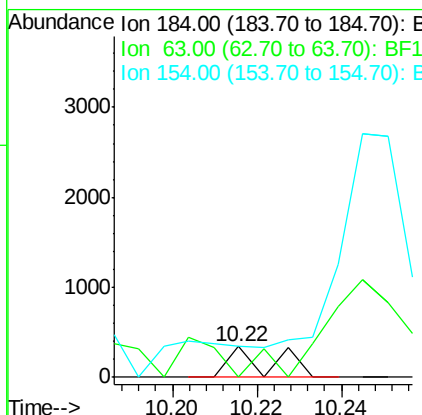
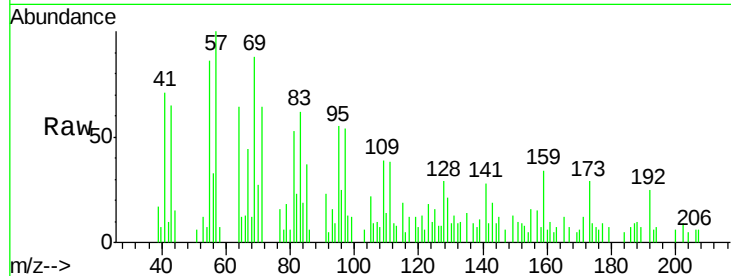




#54
2,4-Dinitrophenol
Concen: 8.412 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.23 min
Lab File: BF113894.D
Acq: 22 Apr 2019 22:43

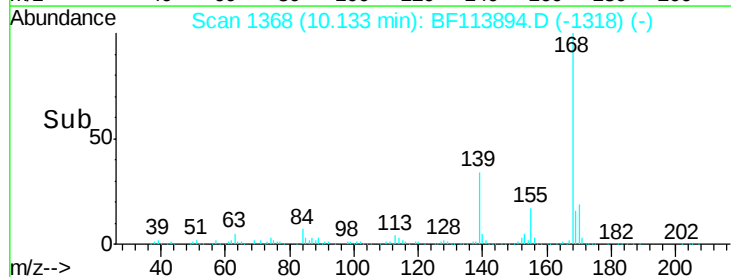
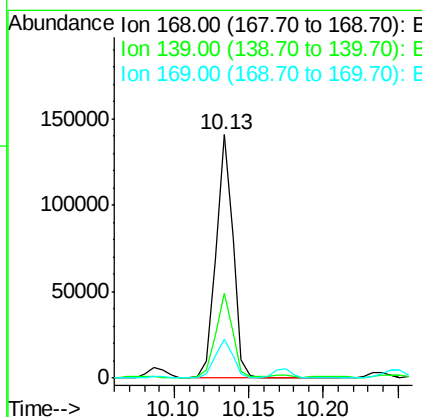
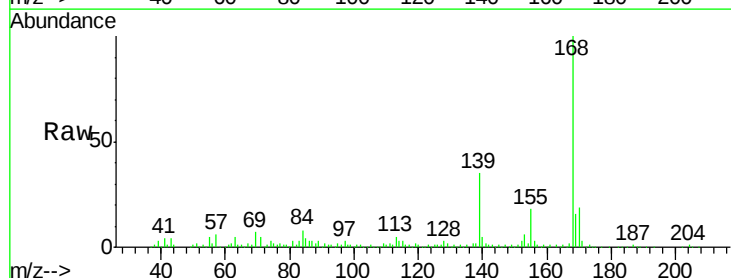
Instrument :
BNA_F
ClientSampleId :
OR-03-041819-A

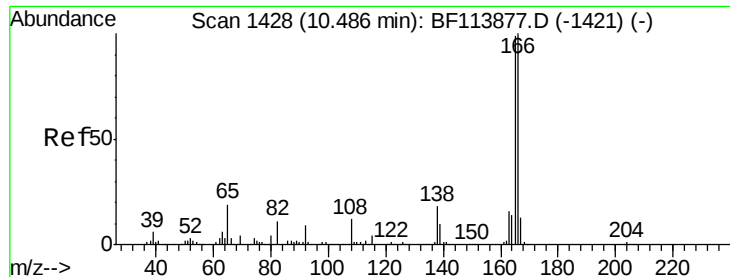
Tot Ion:184 Resp: 237
Ion Ratio Lower Upper
184 100
63 0.0 54.6 81.8#
154 99.7 218.6 328.0#



#55
Dibenzofuran
Concen: 3.843 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF113894.D
Acq: 22 Apr 2019 22:43

Tgt Ion:168 Resp: 112086
Ion Ratio Lower Upper
168 100
139 34.6 27.8 41.6
169 16.1 11.0 16.6





#58

Fluorene

Concen: 7.567 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF113894.D

Acq: 22 Apr 2019 22:43

Instrument :

BNA_F

ClientSampleId :

OR-03-041819-A

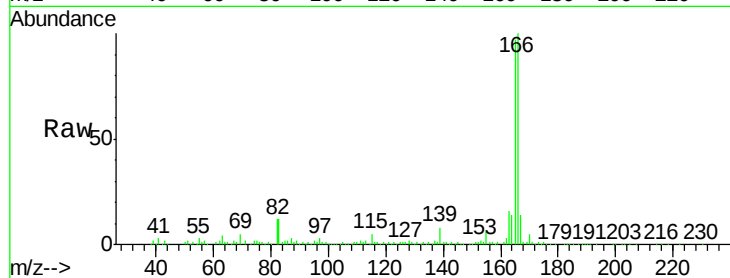
Tot Ion:166 Resp: 166142

Ion Ratio Lower Upper

166 100

165 96.6 78.4 117.6

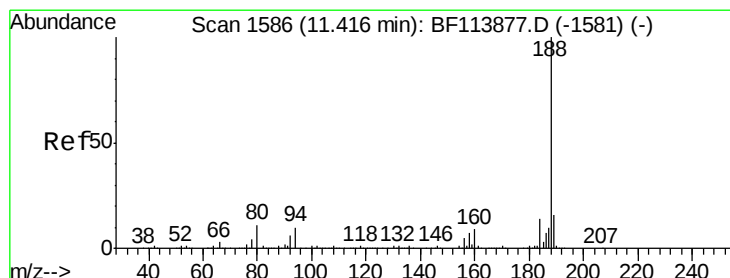
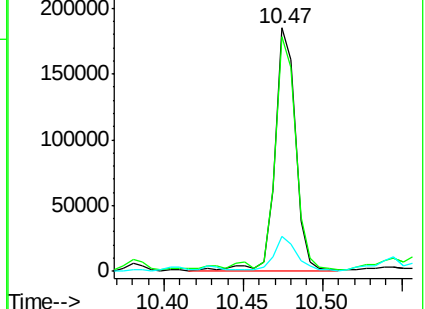
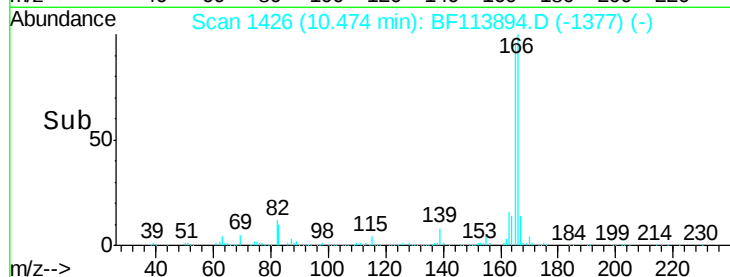
167 14.3 10.9 16.3



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: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF113894.D

Acq: 22 Apr 2019 22:43

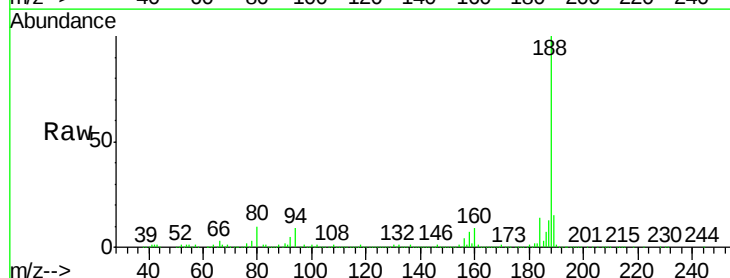
Tgt Ion:188 Resp: 604066

Ion Ratio Lower Upper

188 100

94 9.3 8.2 12.4

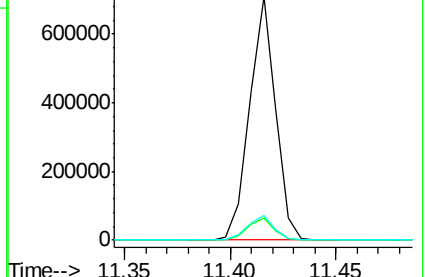
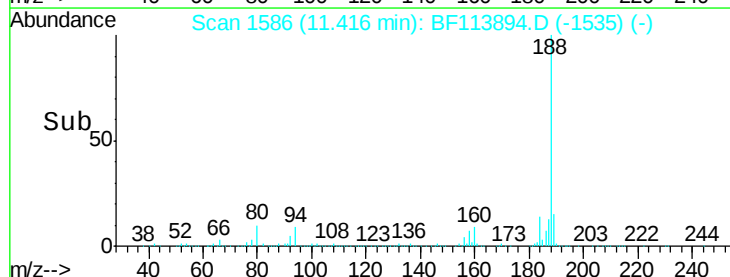
80 10.0 9.0 13.6

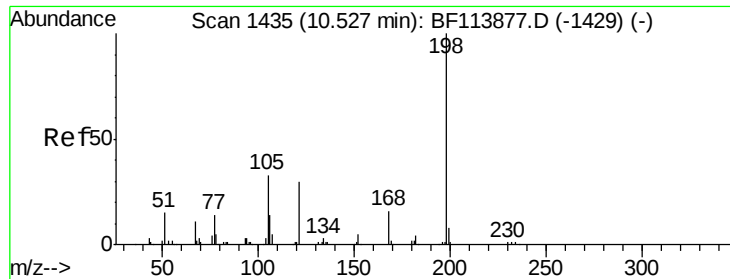


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

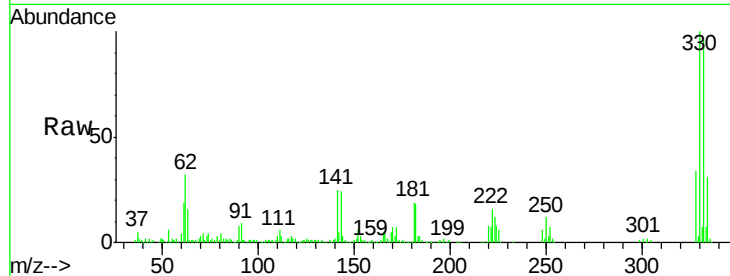




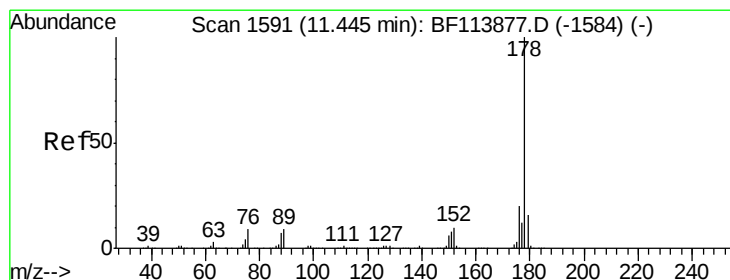
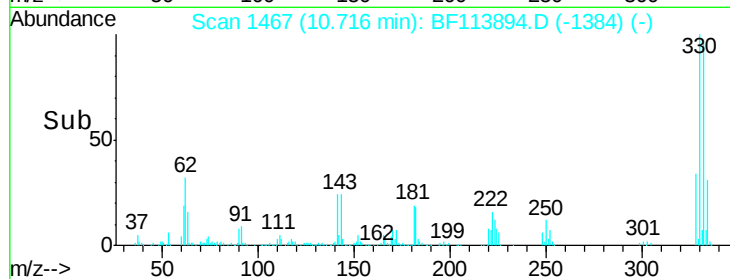
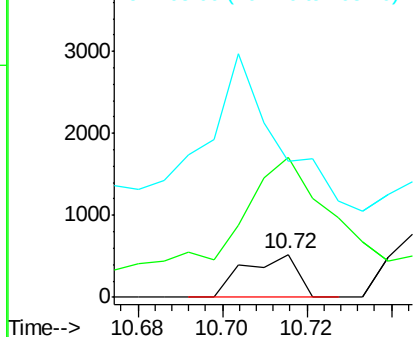
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.448 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.19 min
 Lab File: BF113894.D
 Acq: 22 Apr 2019 22:43

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-041819-A

Tot Ion:198 Resp: 457
 Ion Ratio Lower Upper
 198 100
 51 325.6 11.1 51.1#
 105 316.8 20.7 60.7#

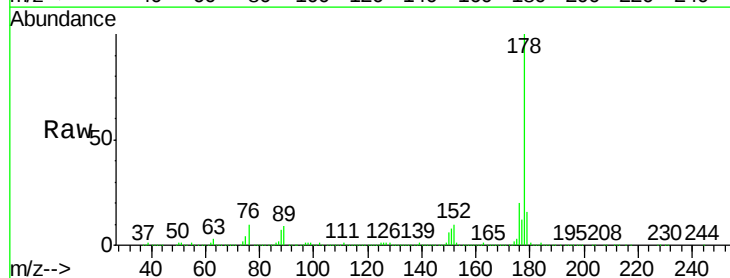


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

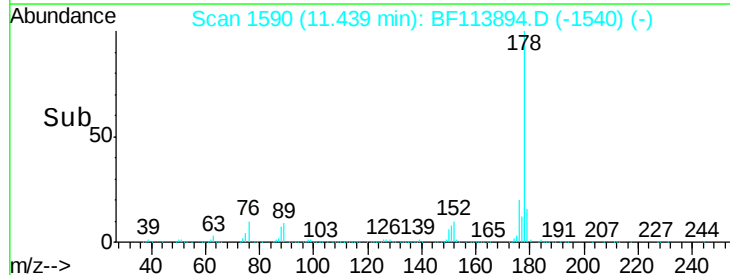
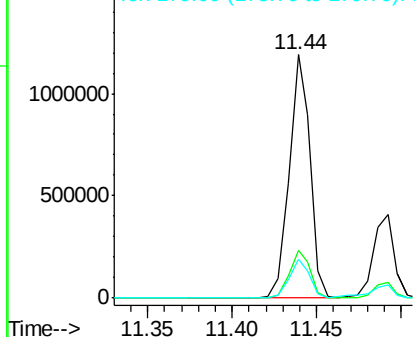


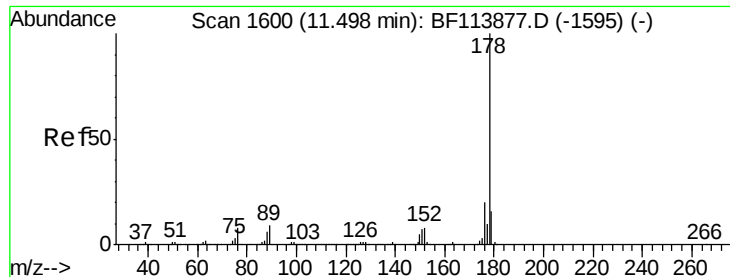
#71
 Phenanthrene
 Concen: 33.632 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF113894.D
 Acq: 22 Apr 2019 22:43

Tgt Ion:178 Resp: 1021001
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.1 24.1
 179 16.0 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





#72

Anthracene

Concen: 11.087 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF113894.D

Acq: 22 Apr 2019 22:43

Instrument :

BNA_F

ClientSampleId :

OR-03-041819-A

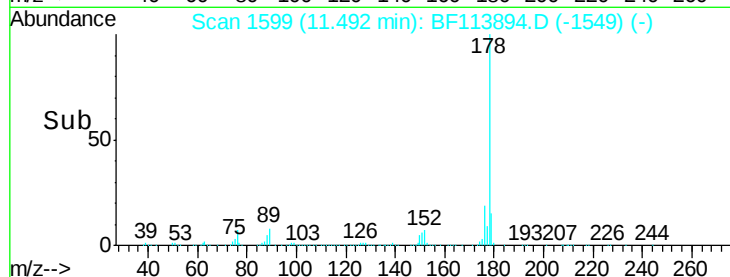
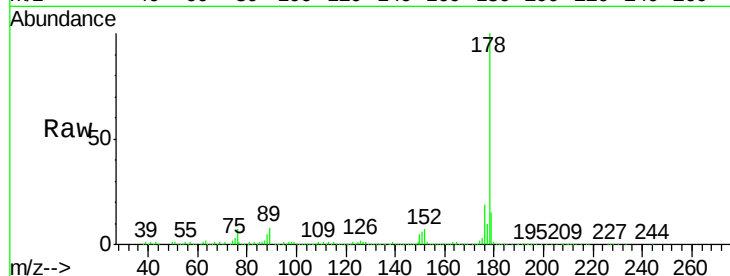
Tot Ion:178 Resp: 339875

Ion Ratio Lower Upper

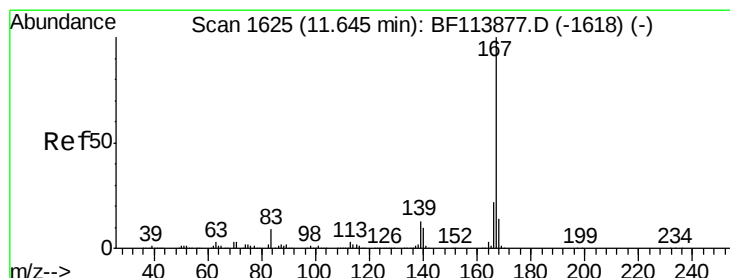
178 100

176 18.6 15.7 23.5

179 15.4 13.0 19.4



Time-->



#73

Carbazole

Concen: 2.200 ng

RT: 11.64 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BF113894.D

Acq: 22 Apr 2019 22:43

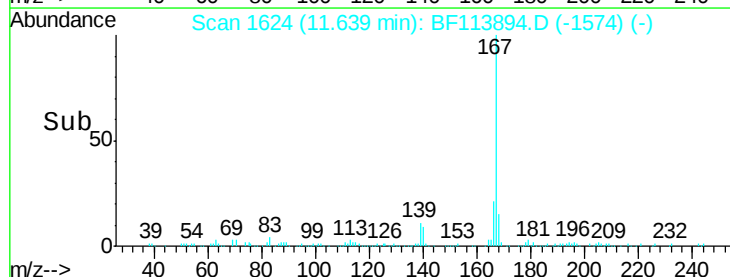
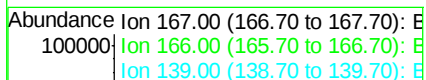
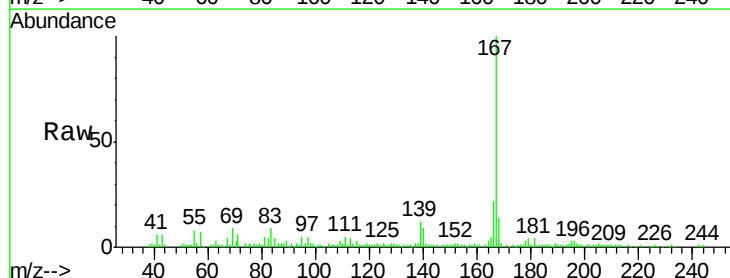
Tgt Ion:167 Resp: 60183

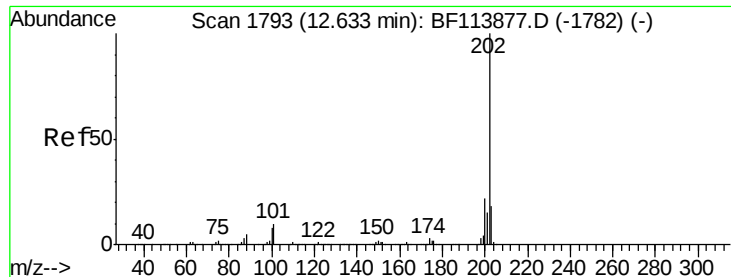
Ion Ratio Lower Upper

167 100

166 21.9 17.7 26.5

139 11.7 10.0 15.0





#75

Fluoranthene

Concen: 46.720 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF113894.D

Acq: 22 Apr 2019 22:43

Instrument :

BNA_F

ClientSampleId :

OR-03-041819-A

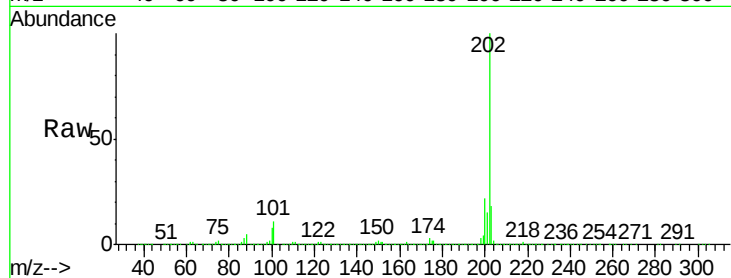
Tot Ion:202 Resp: 1547408

Ion Ratio Lower Upper

202 100

101 11.0 0.0 32.9

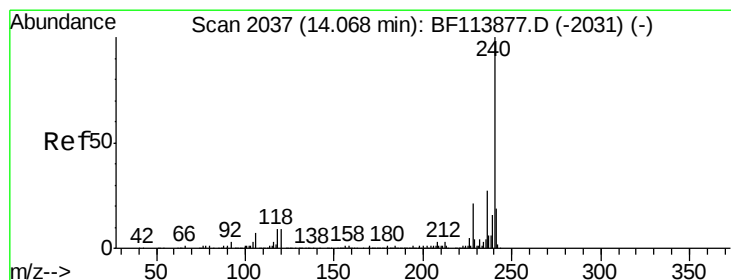
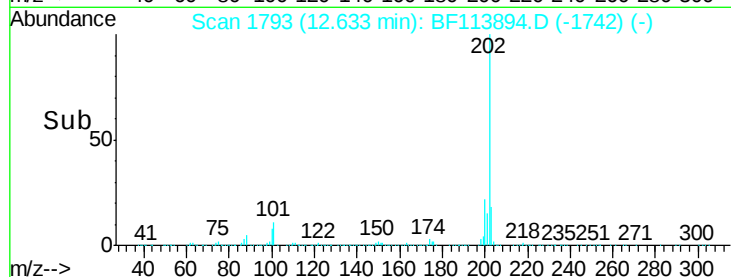
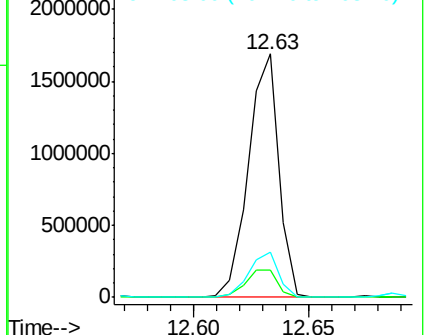
203 18.4 0.0 38.2



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: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF113894.D

Acq: 22 Apr 2019 22:43

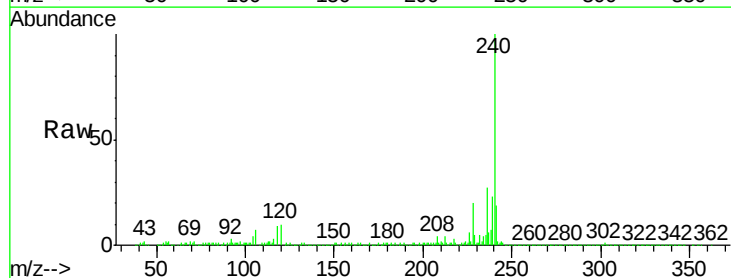
Tgt Ion:240 Resp: 573503

Ion Ratio Lower Upper

240 100

120 9.8 9.3 13.9

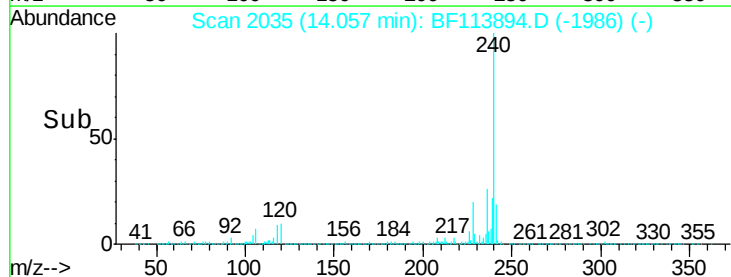
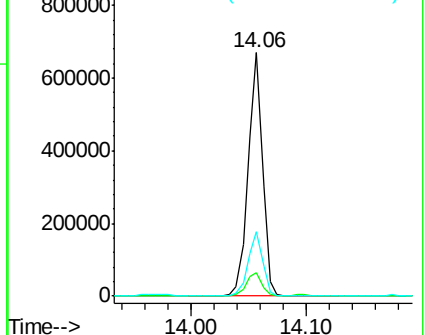
236 26.6 21.2 31.8

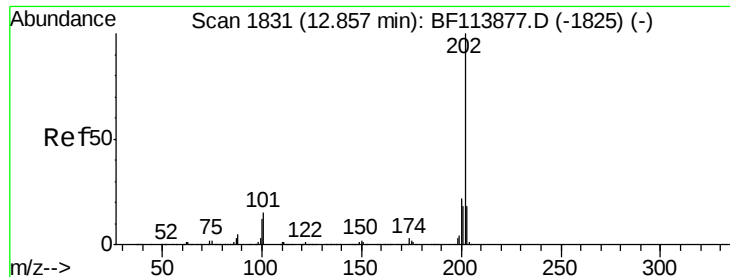


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

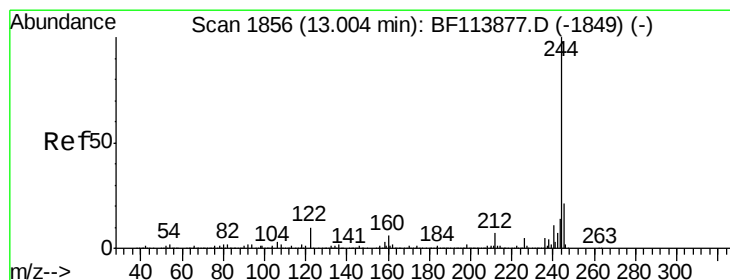
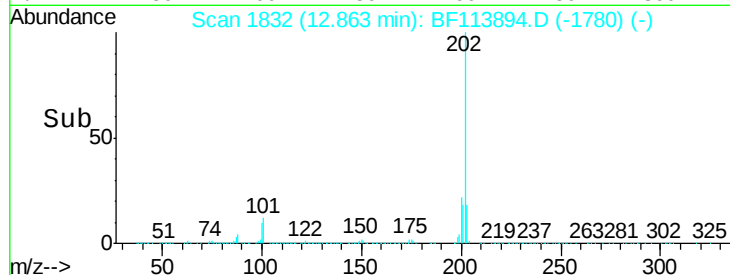
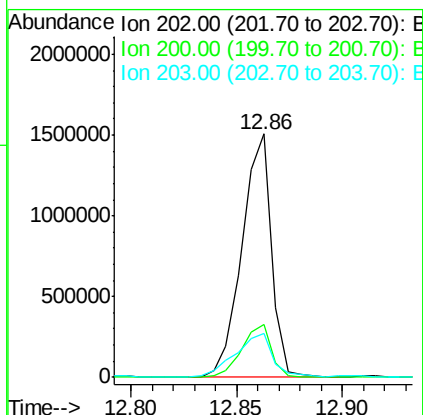
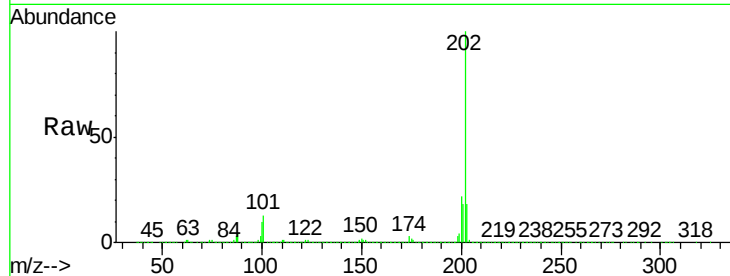




#78
Pvrene
Concen: 36.438 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.01 min
Lab File: BF113894.D
Acq: 22 Apr 2019 22:43

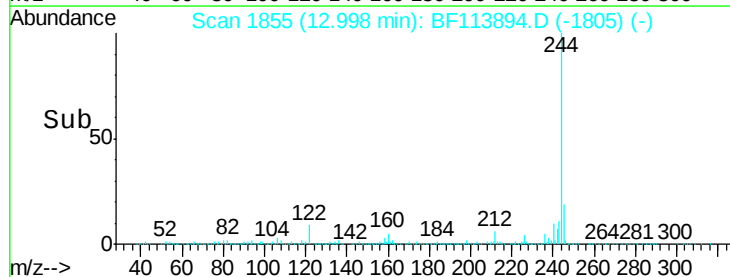
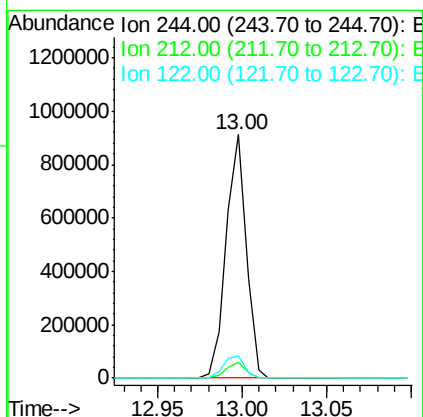
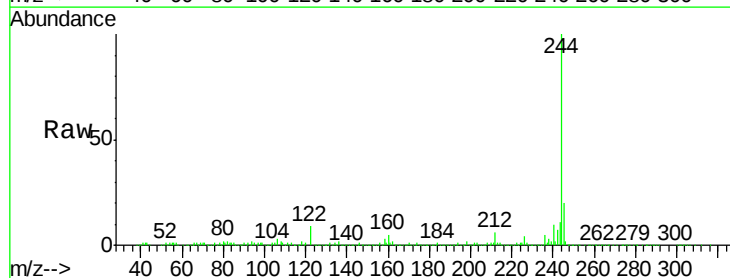
Instrument :
BNA_F
ClientSampleId :
OR-03-041819-A

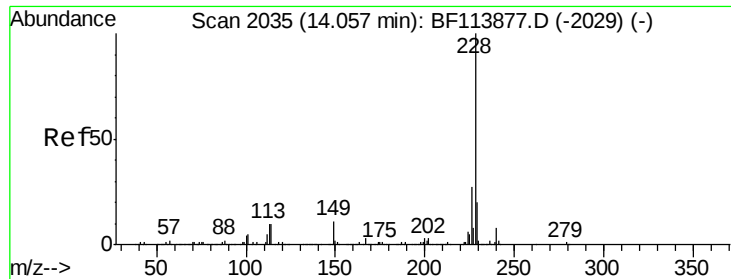
Tot Ion:202 Resp: 1461364
Ion Ratio Lower Upper
202 100
200 21.8 17.7 26.5
203 17.9 15.0 22.6



#79
Terphenyl-d14
Concen: 26.981 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF113894.D
Acq: 22 Apr 2019 22:43

Tgt Ion:244 Resp: 754761
Ion Ratio Lower Upper
244 100
212 6.3 5.4 8.2
122 8.9 7.6 11.4

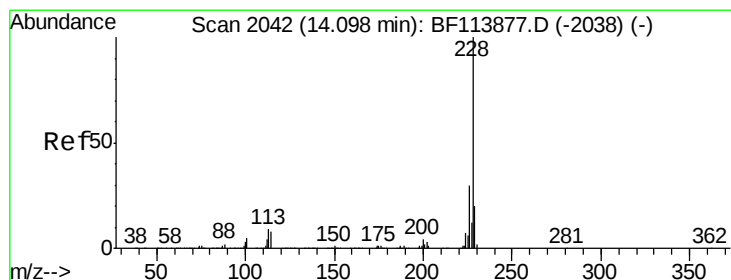
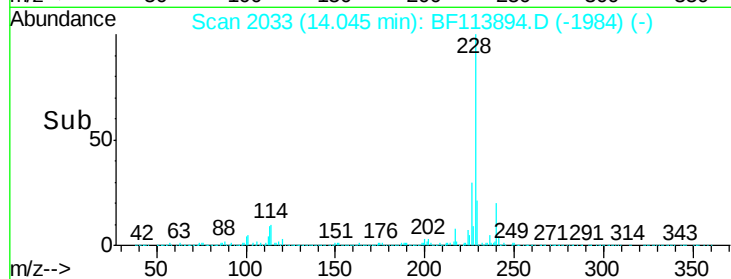
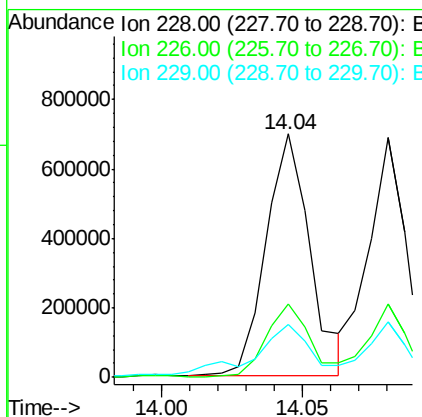
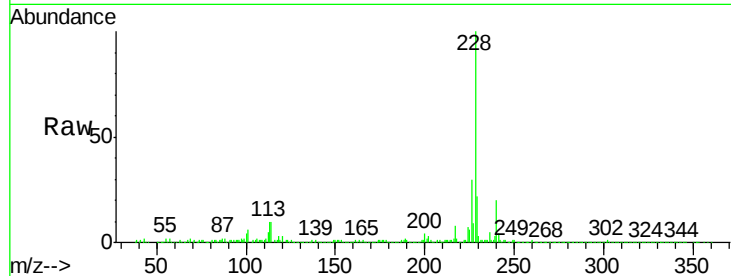




#81
Benzo(a)anthracene
Concen: 22.425 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF113894.D
Acq: 22 Apr 2019 22:43

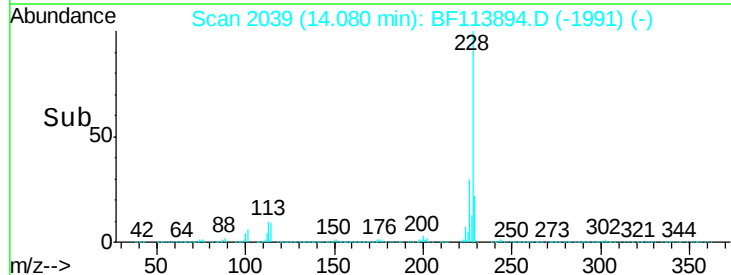
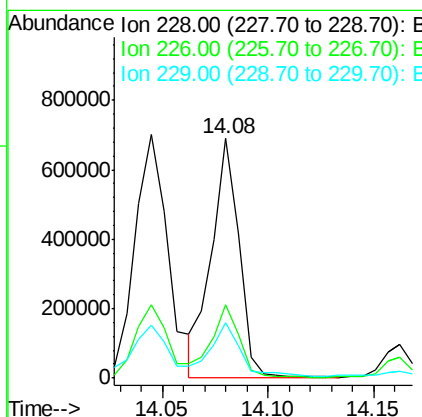
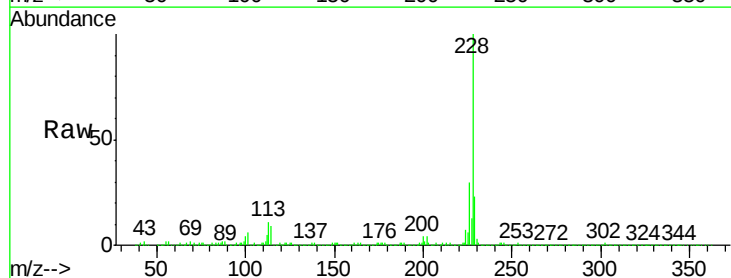
Instrument :
BNA_F
ClientSampleId :
OR-03-041819-A

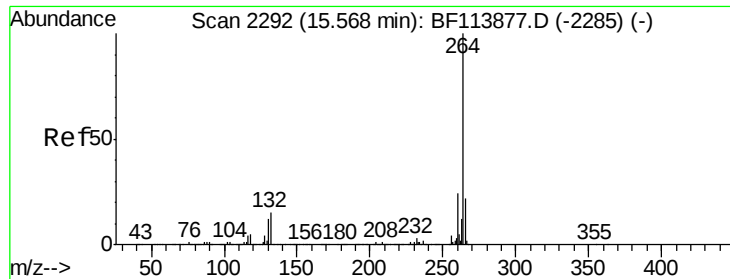
Tot Ion:228 Resp: 757748
Ion Ratio Lower Upper
228 100
226 30.3 22.2 33.2
229 21.7 16.0 24.0



#83
Chrysene
Concen: 18.936 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.02 min
Lab File: BF113894.D
Acq: 22 Apr 2019 22:43

Tgt Ion:228 Resp: 623160
Ion Ratio Lower Upper
228 100
226 30.5 25.2 37.8
229 22.9 16.7 25.1

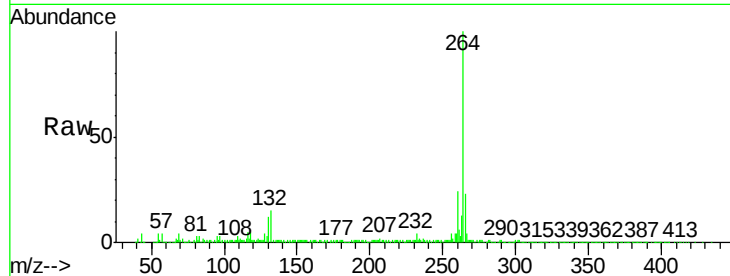




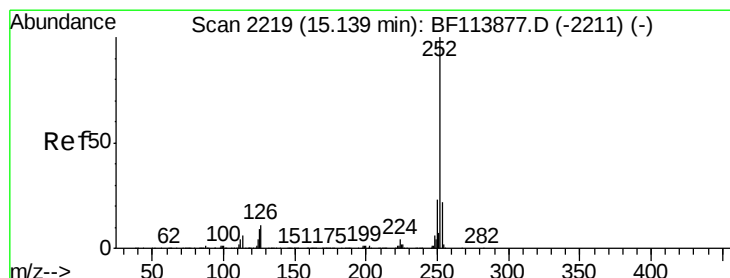
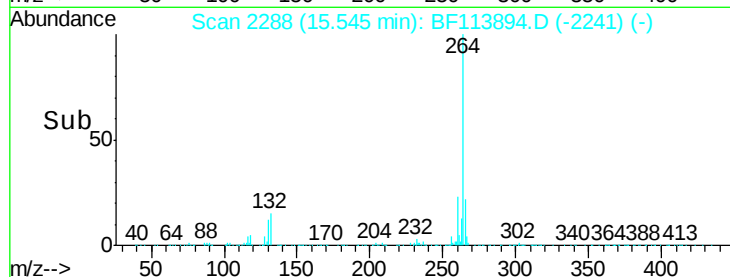
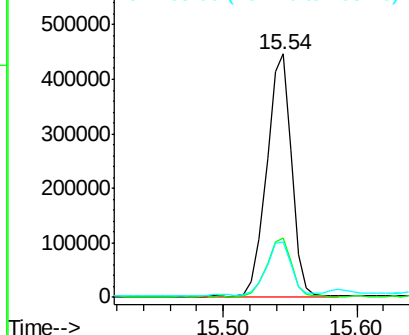
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.02 min
Lab File: BF113894.D
Acq: 22 Apr 2019 22:43

Instrument :
BNA_F
ClientSampleId :
OR-03-041819-A

Tot	Ion:264	Resp:	573143
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.9	28.3
265	22.8	17.3	25.9

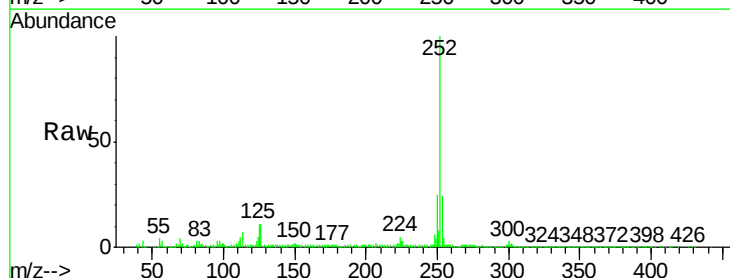


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

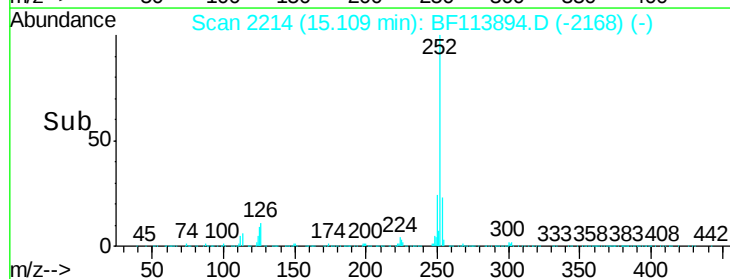
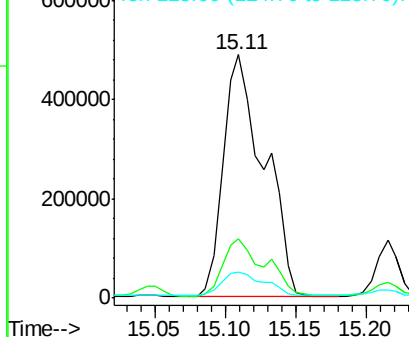


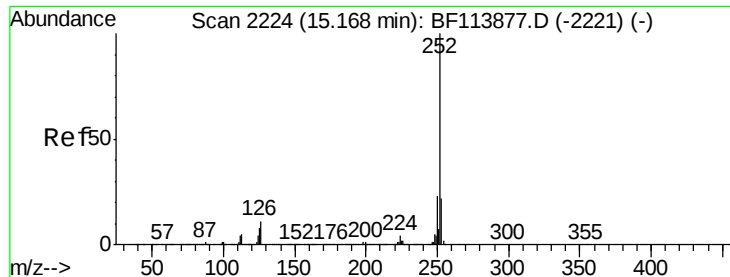
#88
Benzo(b)fluoranthene
Concen: 27.143 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.03 min
Lab File: BF113894.D
Acq: 22 Apr 2019 22:43

Tgt	Ion:252	Resp:	984269
Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.8	26.6
125	10.6	7.0	10.6#



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

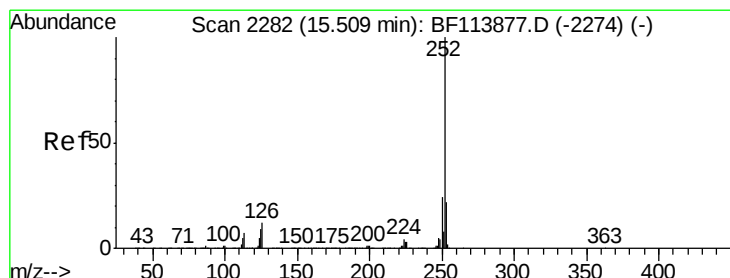
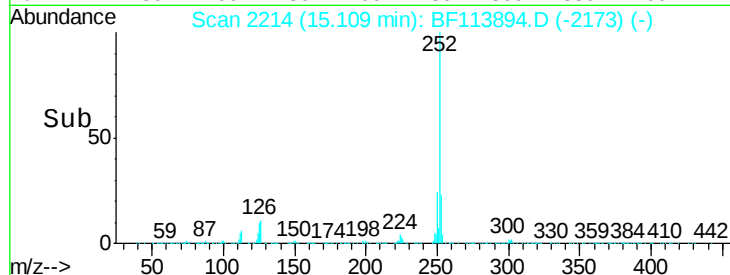
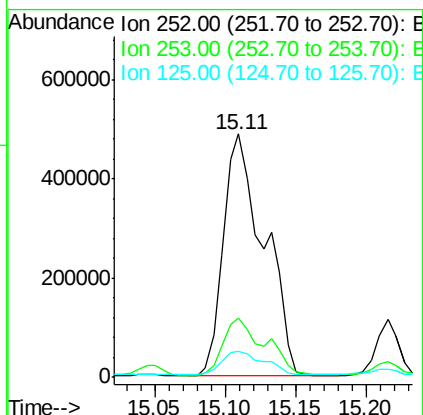
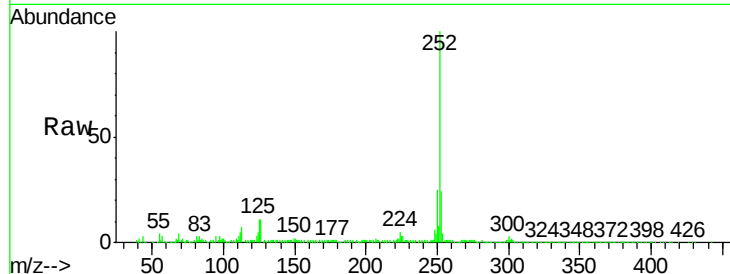




#89
Benzo(k)fluoranthene
Concen: 31.555 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.06 min
Lab File: BF113894.D
Acq: 22 Apr 2019 22:43

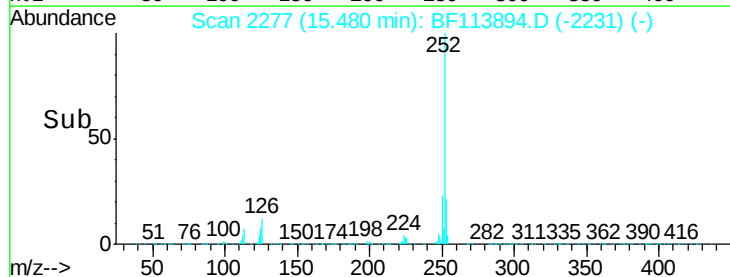
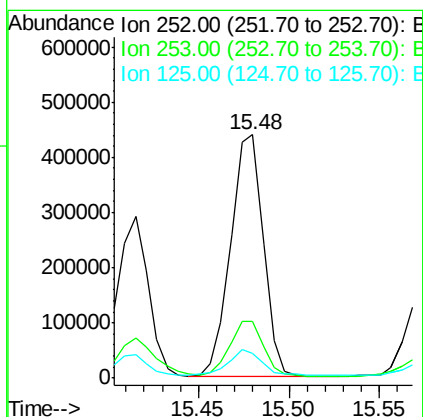
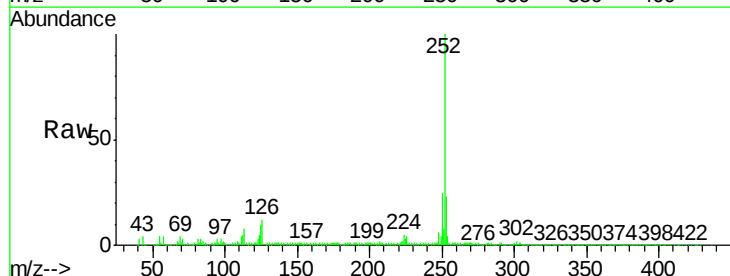
Instrument :
BNA_F
ClientSampleId :
OR-03-041819-A

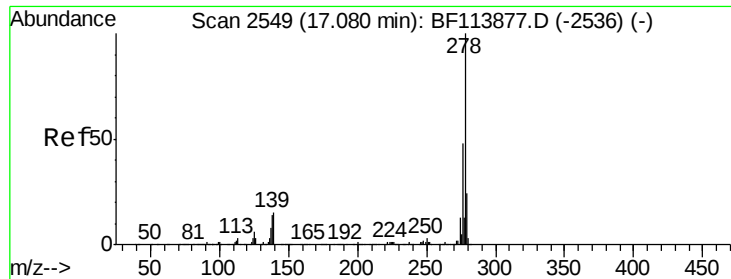
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.2	27.2
125	10.6	7.4	11.2



#90
Benzo(a)pyrene
Concen: 17.682 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.03 min
Lab File: BF113894.D
Acq: 22 Apr 2019 22:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	10.3	8.5	12.7

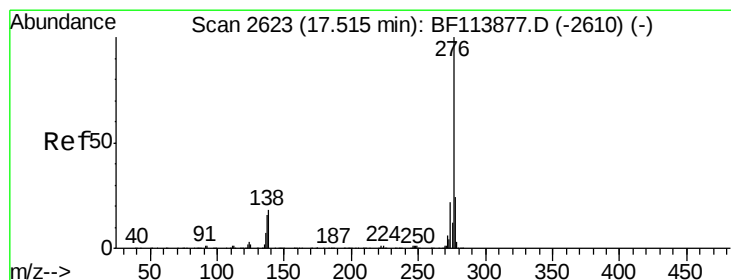
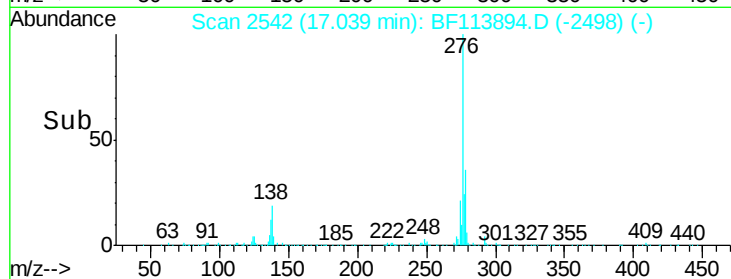
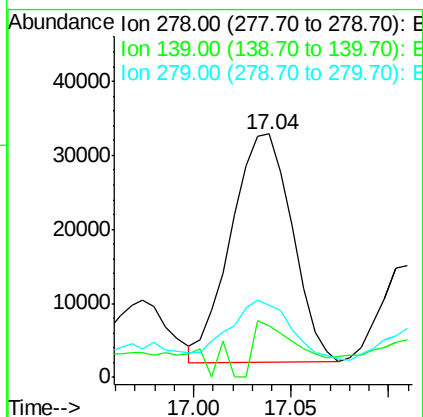
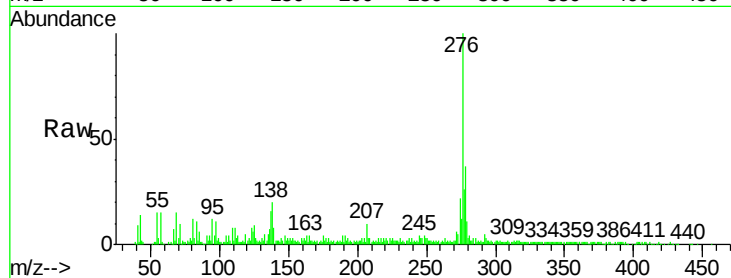




#91
Dibenzo(a,h)anthracene
Concen: 2.279 ng
RT: 17.04 min Scan# 2542
Delta R.T. -0.04 min
Lab File: BF113894.D
Acq: 22 Apr 2019 22:43

Instrument :
BNA_F
ClientSampleId :
OR-03-041819-A

Tot Ion:278 Resp: 67102
Ion Ratio Lower Upper
278 100
139 21.2 11.6 17.4#
279 29.8 19.0 28.6#



#92
Benzo(g,h,i)perylene
Concen: 8.556 ng
RT: 17.47 min Scan# 2616
Delta R.T. -0.04 min
Lab File: BF113894.D
Acq: 22 Apr 2019 22:43

Tgt Ion:276 Resp: 254214
Ion Ratio Lower Upper
276 100
277 24.8 19.0 28.4
138 18.9 16.6 25.0

