

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042919\
 Data File : BF114029.D
 Acq On : 29 Apr 2019 18:10
 Operator : JU/SJ
 Sample : K2564-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 30 01:22:00 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	6.89	152	126821	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	475634	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	246082	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	447292	20.00	ng	0.00
76) Chrysene-d12	14.04	240	313852	20.00	ng	-0.02
87) Perylene-d12	15.53	264	381949	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	611035	82.41	ng	0.00
7) Phenol-d6	6.52	99	793207	85.26	ng	0.00
23) Nitrobenzene-d5	7.45	82	475831	61.77	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	243056	81.08	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	916265	58.24	ng	-0.01
79) Terphenyl-d14	12.99	244	865970	56.57	ng	-0.01

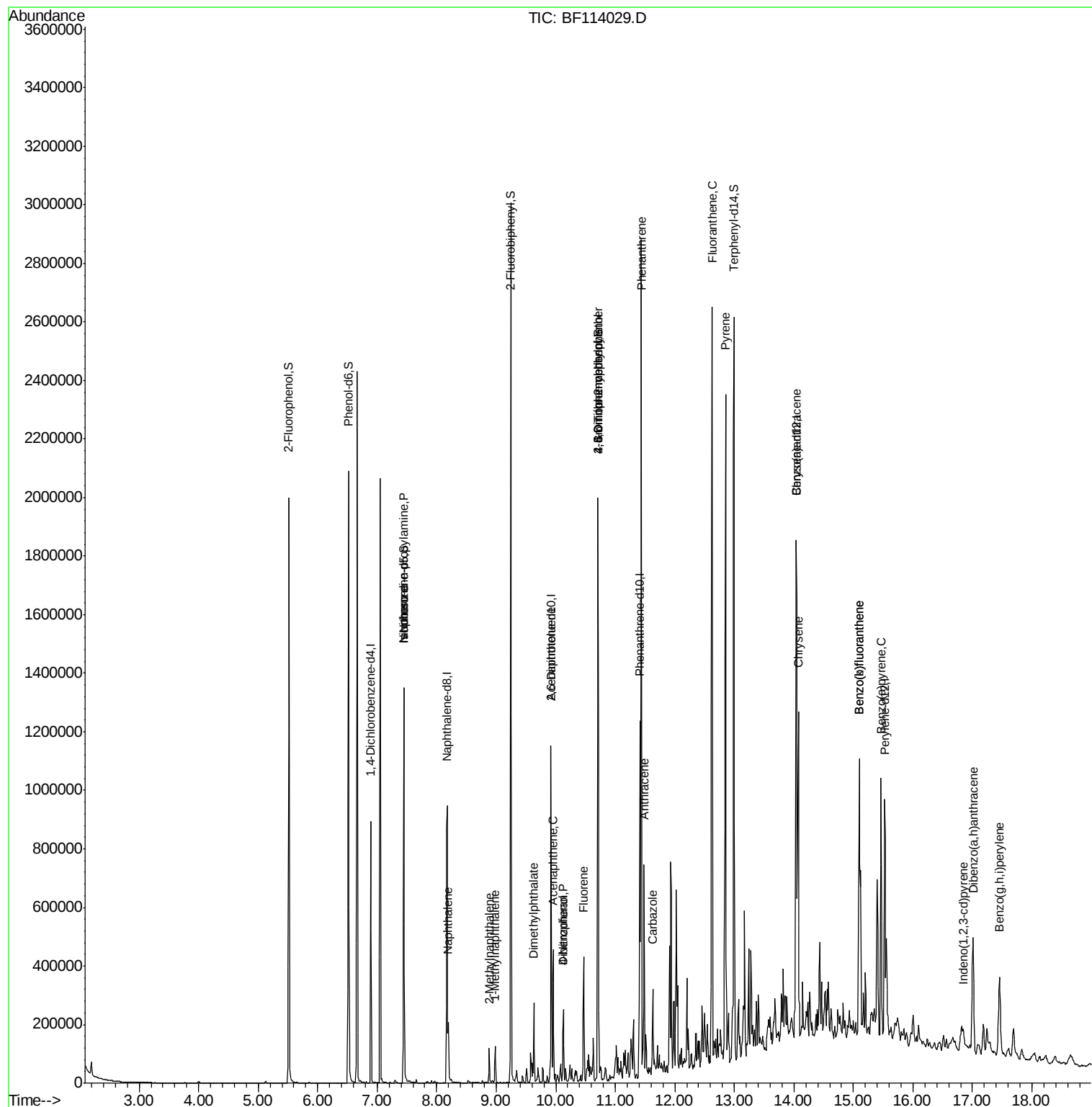
Target Compounds				Qvalue		
9) Benzaldehyde	6.52	77	1388	Below Cal	#	3
19) n-Nitroso-di-n-propylamine	7.45	70	65229	10.827 ng	#	76
25) Isophorone	7.45	82	475905	30.193 ng	#	65
31) Naphthalene	8.19	128	119764	5.300 ng		98
37) 2-Methylnaphthalene	8.88	142	37916	2.488 ng		98
38) 1-Methylnaphthalene	8.98	142	34255	2.329 ng		99
50) Dimethylphthalate	9.63	163	104660	5.881 ng		98
51) 2,6-Dinitrotoluene	9.92	165	33414	8.751 ng	#	33
52) Acenaphthene	9.96	154	88741	6.274 ng		96
55) Dibenzofuran	10.13	168	82232	3.881 ng		98
56) 4-Nitrophenol	10.13	139	28689	9.031 ng	#	13
58) Fluorene	10.47	166	103658	6.499 ng		100
65) 4,6-Dinitro-2-methylphenol	10.71	198	461	7.499 ng	#	1
67) 4-Bromophenyl-phenylether	10.71	248	15391	2.848 ng	#	1
71) Phenanthrene	11.43	178	1100930	48.976 ng		100
72) Anthracene	11.49	178	298475	13.149 ng		97
73) Carbazole	11.63	167	107943	5.330 ng		99
75) Fluoranthene	12.63	202	1114416	45.440 ng		96
78) Pyrene	12.85	202	985620	44.907 ng		99
81) Benzo(a)anthracene	14.04	228	526914	28.495 ng		99
83) Chrysene	14.07	228	475349	26.395 ng		96
86) Indeno(1,2,3-cd)pyrene	16.84	276	48668	2.853 ng		99
88) Benzo(b)fluoranthene	15.10	252	775587	32.095 ng		97
89) Benzo(k)fluoranthene	15.10	252	775587	37.312 ng		98
90) Benzo(a)pyrene	15.46	252	459415	21.979 ng		98
91) Dibenzo(a,h)anthracene	17.02	278	77595	3.955 ng		93
92) Benzo(g,h,i)perylene	17.46	276	238811	12.061 ng		99

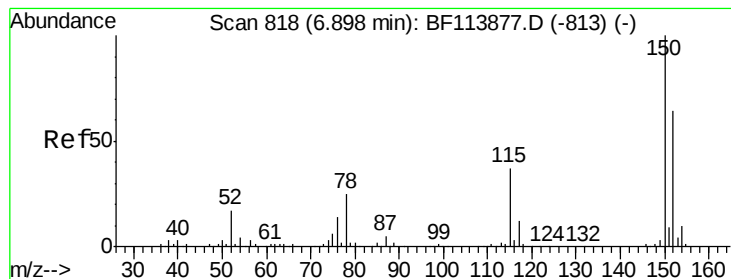
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF114029.D

Acq: 29 Apr 2019 18:10

Instrument :

BNA_F

ClientSampleId :

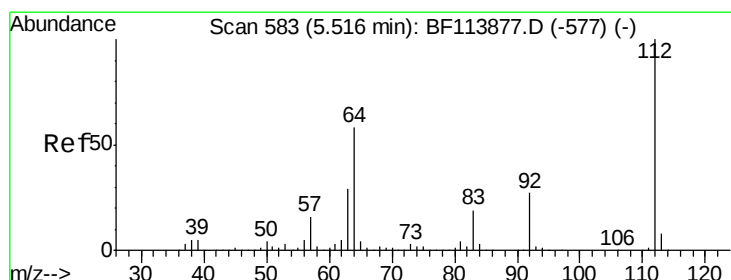
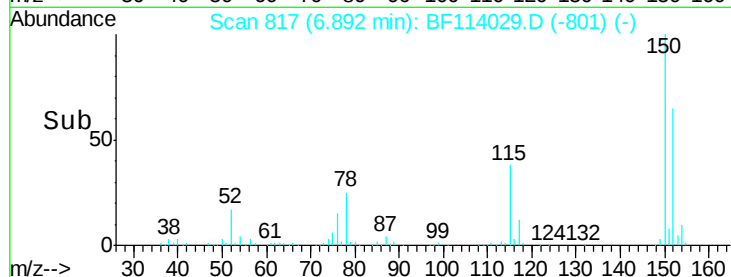
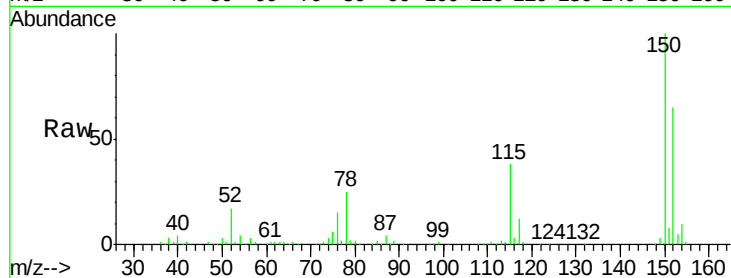
Tot Ion:152 Resp: 126821

Ion Ratio Lower Upper

152 100

150 153.6 125.9 188.9

115 57.7 45.9 68.9



#5

2-Fluorophenol

Concen: 82.406 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF114029.D

Acq: 29 Apr 2019 18:10

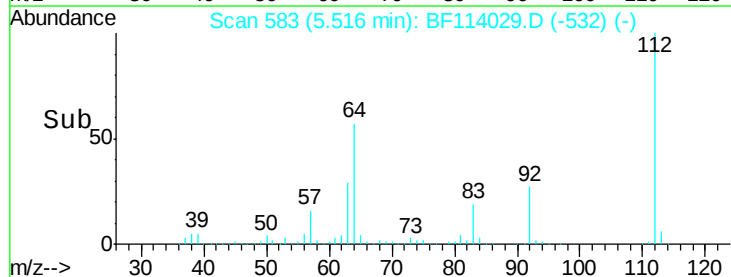
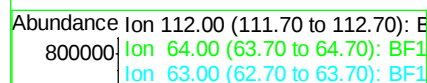
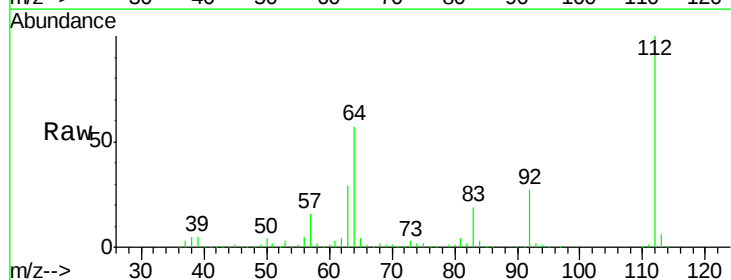
Tgt Ion:112 Resp: 611035

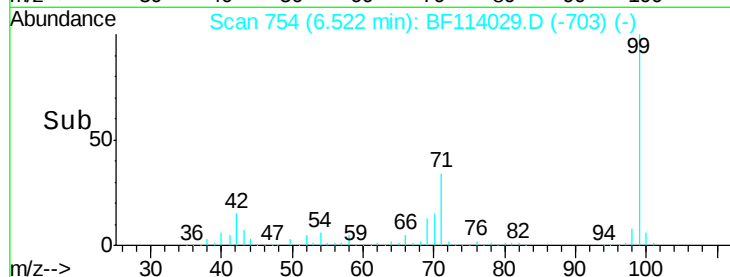
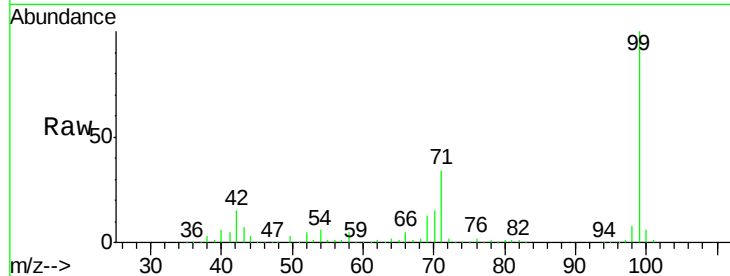
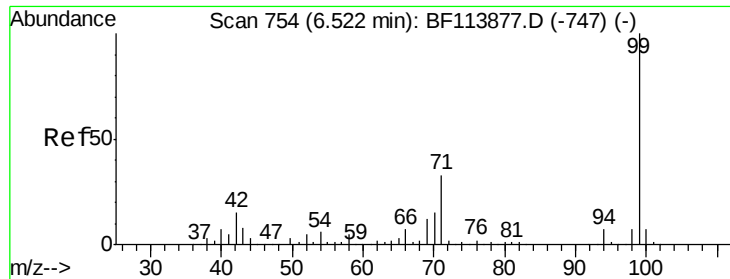
Ion Ratio Lower Upper

112 100

64 56.5 46.6 69.8

63 28.6 23.1 34.7





#7

Phenol-d6

Concen: 85.265 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF114029.D

Acq: 29 Apr 2019 18:10

Instrument :

BNA_F

ClientSampleId :

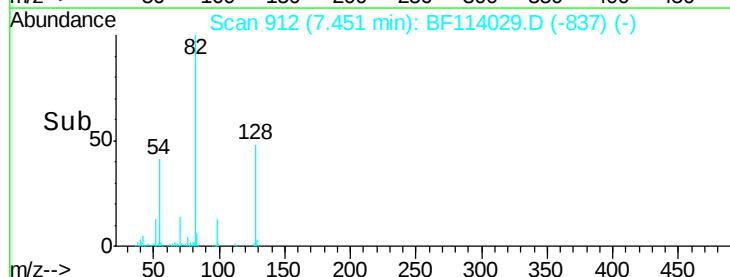
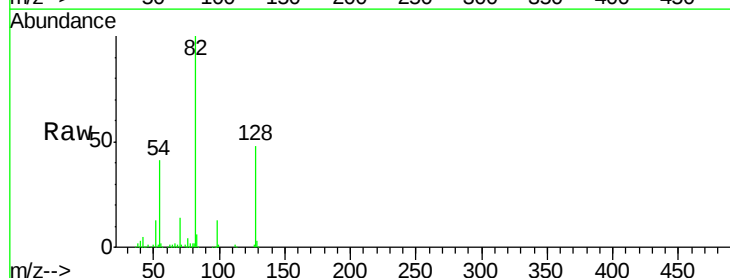
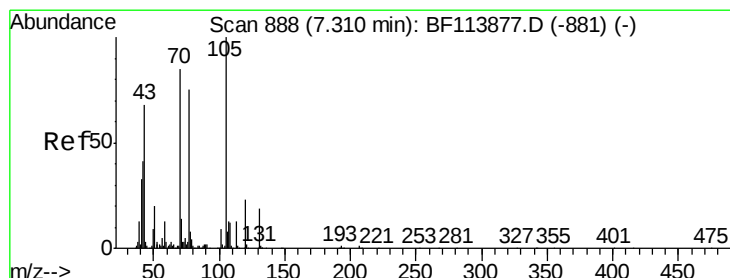
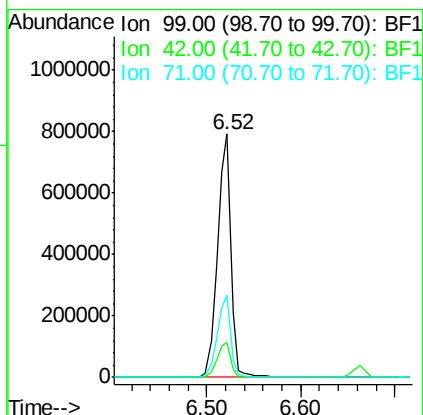
Tot Ion: 99 Resp: 793207

Ion Ratio Lower Upper

99 100

42 14.6 12.5 18.7

71 33.8 26.9 40.3



#19

n-Nitroso-di-n-propylamine

Concen: 10.827 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.14 min

Lab File: BF114029.D

Acq: 29 Apr 2019 18:10

Tgt Ion: 70 Resp: 65229

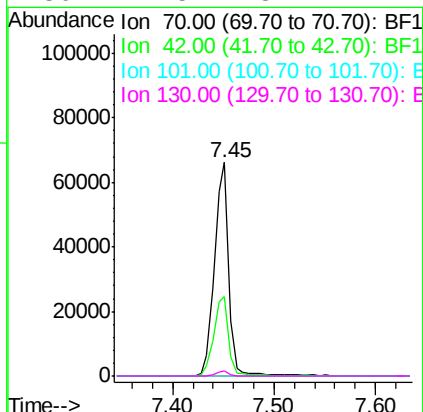
Ion Ratio Lower Upper

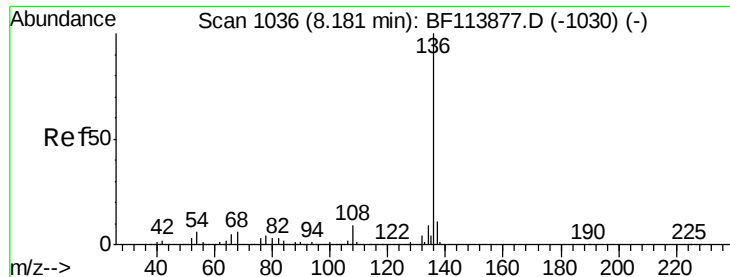
70 100

42 37.2 37.3 55.9#

101 0.0 7.8 11.8#

130 2.5 18.2 27.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF114029.D

Acq: 29 Apr 2019 18:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 475634

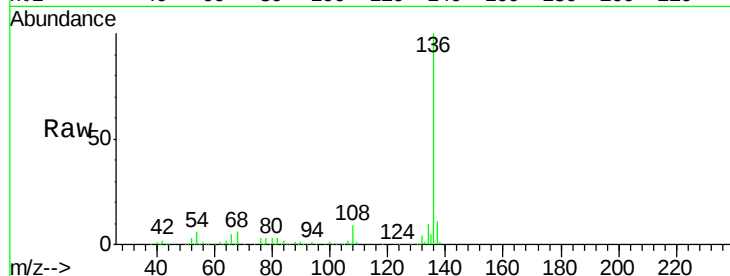
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 5.9 5.0 7.6

68 5.7 4.9 7.3

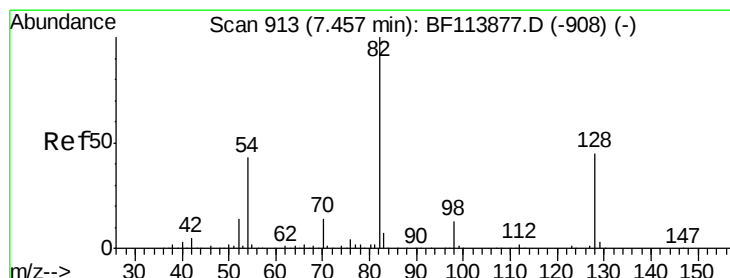
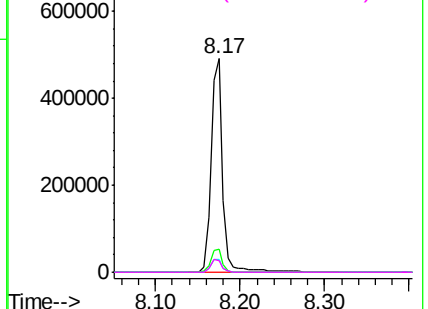
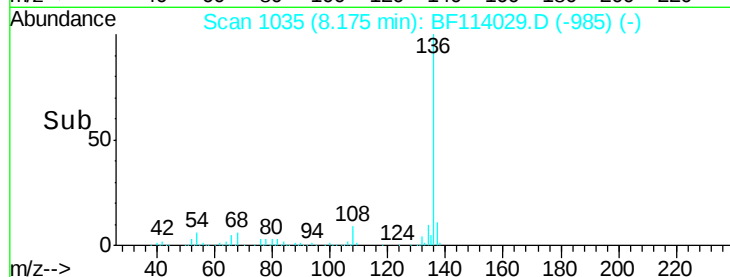


Abundance Ion 136.00 (135.70 to 136.70): E

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: 61.769 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF114029.D

Acq: 29 Apr 2019 18:10

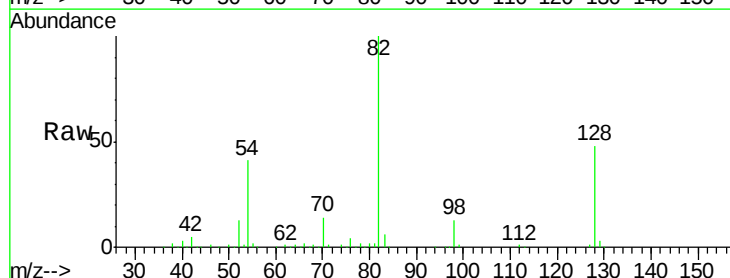
Tgt Ion: 82 Resp: 475831

Ion Ratio Lower Upper

82 100

128 47.7 36.8 55.2

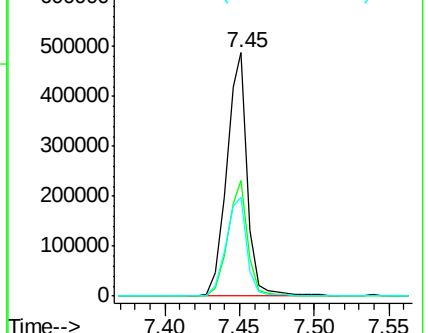
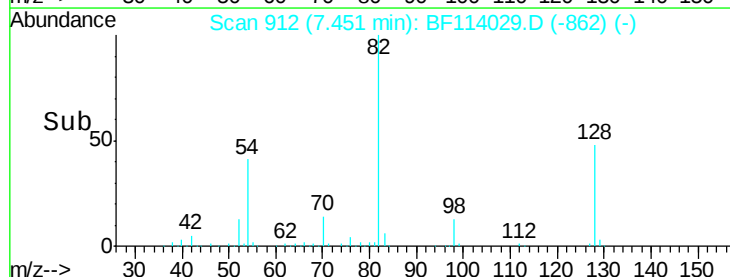
54 40.8 33.8 50.6



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: 30.193 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.26 min

Lab File: BF114029.D

Acq: 29 Apr 2019 18:10

Instrument :

BNA_F

ClientSampleId :

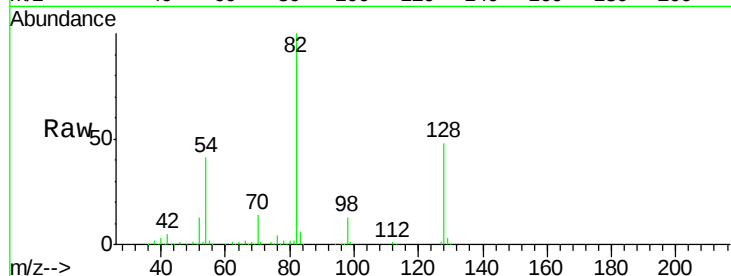
Tot Ion: 82 Resp: 475905

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

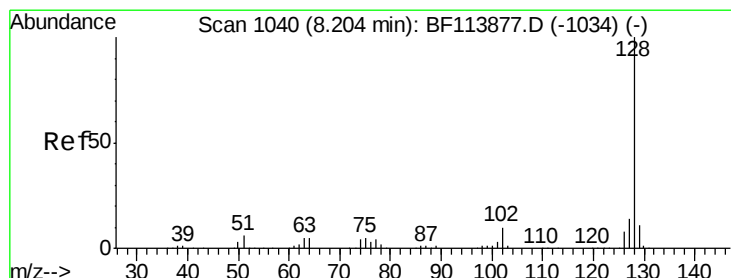
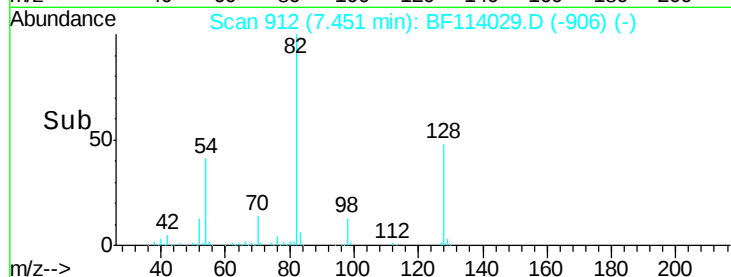
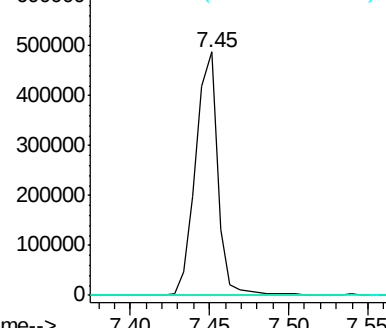
138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#31

Naphthalene

Concen: 5.300 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF114029.D

Acq: 29 Apr 2019 18:10

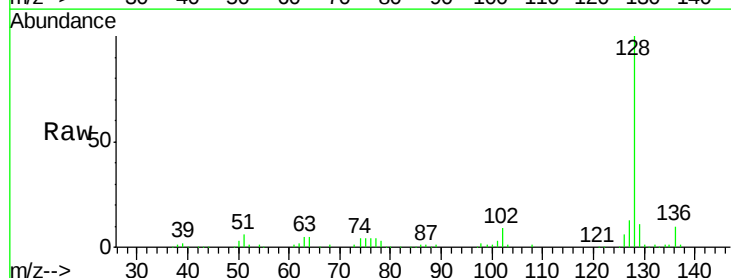
Tgt Ion: 128 Resp: 119764

Ion Ratio Lower Upper

128 100

129 11.1 9.4 14.0

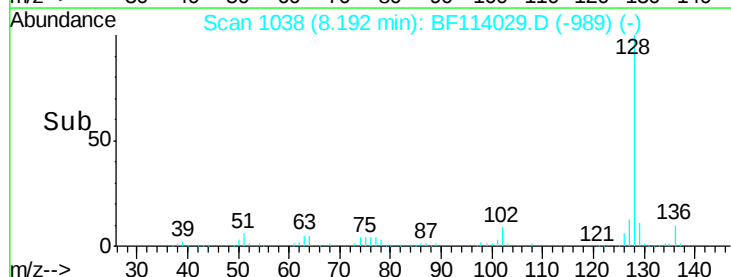
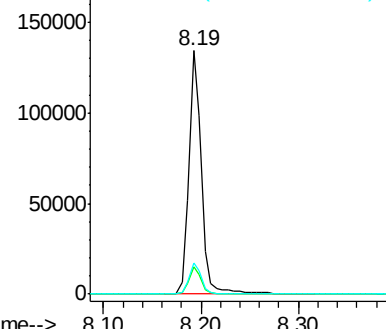
127 12.7 10.8 16.2

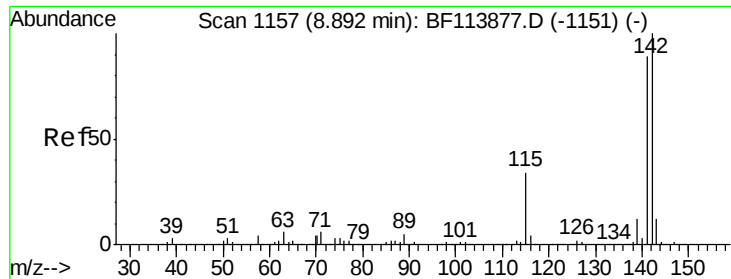


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

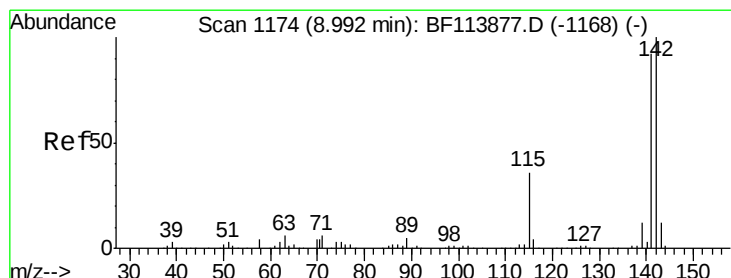
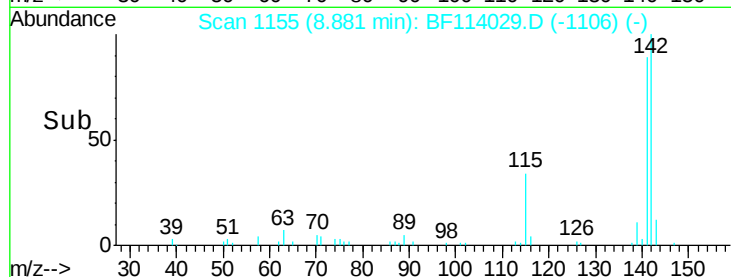
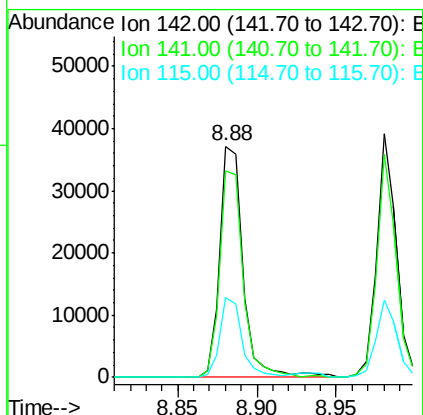
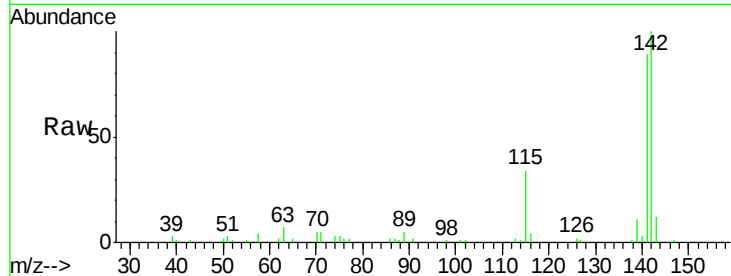




#37
2-Methylnaphthalene
Concen: 2.488 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF114029.D
Acq: 29 Apr 2019 18:10

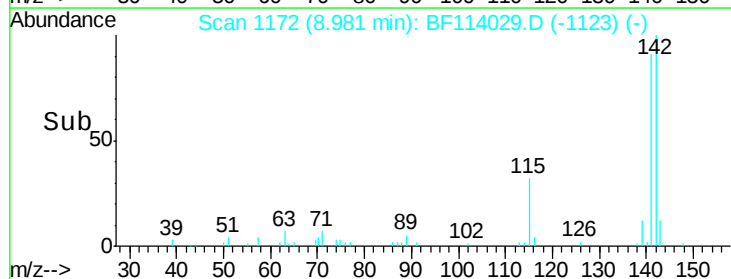
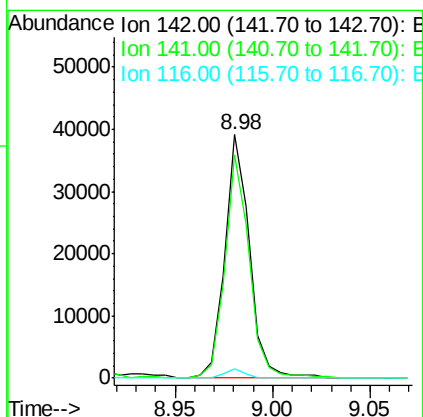
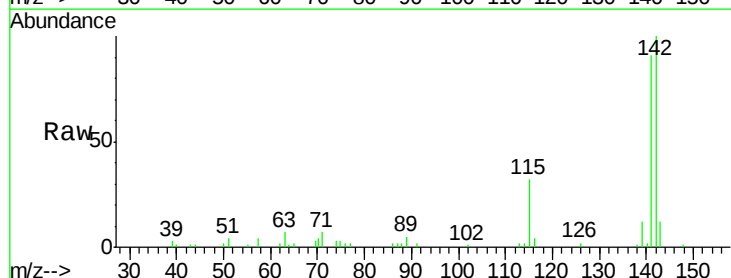
Instrument :
BNA_F
ClientSampleId :

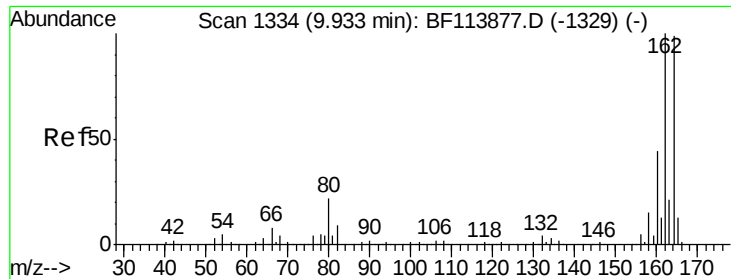
Tot Ion:142 Resp: 37916
Ion Ratio Lower Upper
142 100
141 89.4 70.4 105.6
115 34.5 26.3 39.5



#38
1-Methylnaphthalene
Concen: 2.329 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF114029.D
Acq: 29 Apr 2019 18:10

Tgt Ion:142 Resp: 34255
Ion Ratio Lower Upper
142 100
141 91.5 72.3 108.5
116 3.6 3.0 4.4

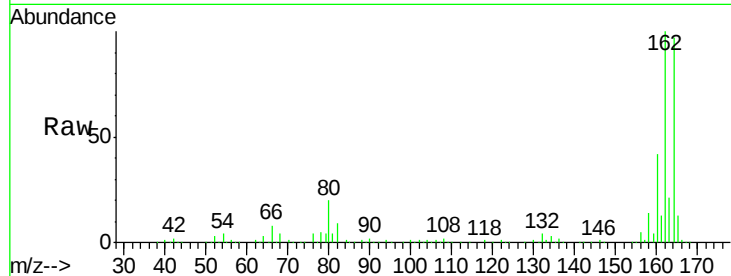




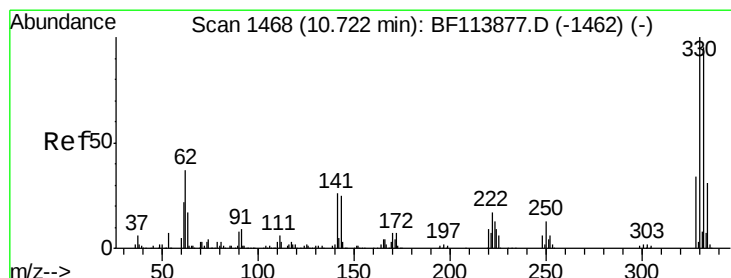
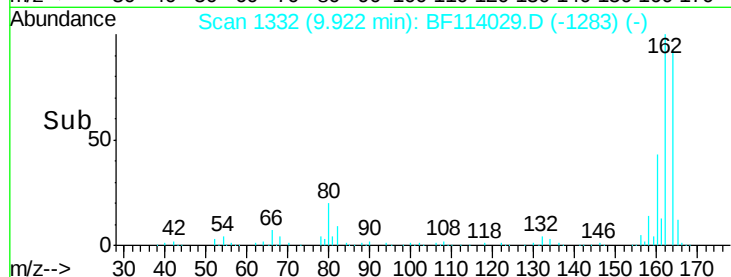
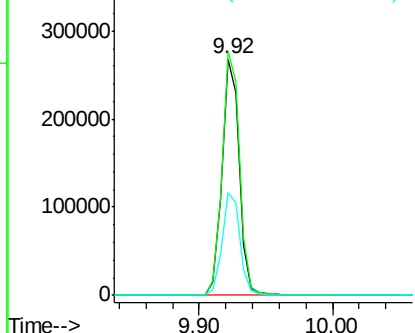
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF114029.D
Acq: 29 Apr 2019 18:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 246082
Ion Ratio Lower Upper
164 100
162 103.1 81.1 121.7
160 43.8 35.8 53.6

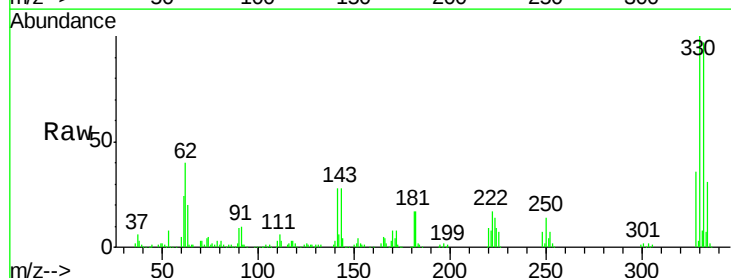


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

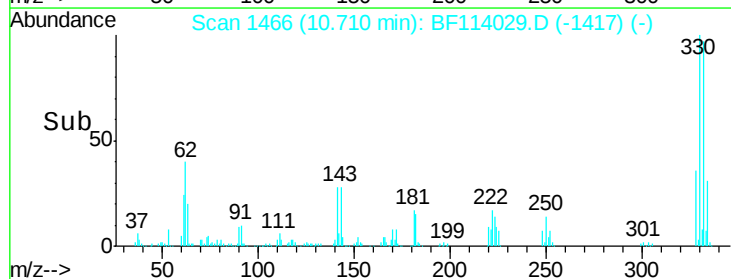
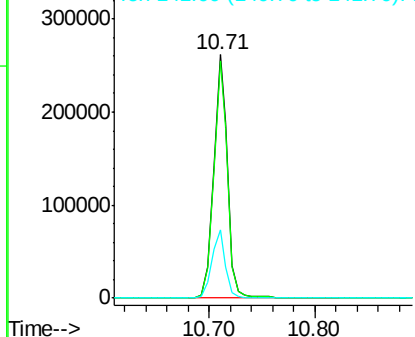


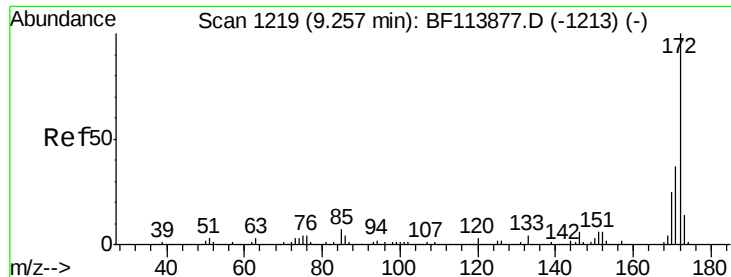
#42
2,4,6-Tribromophenol
Concen: 81.079 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF114029.D
Acq: 29 Apr 2019 18:10

Tgt Ion:330 Resp: 243056
Ion Ratio Lower Upper
330 100
332 96.9 77.5 116.3
141 28.1 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

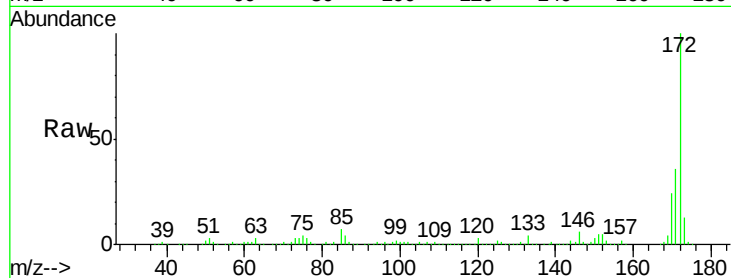




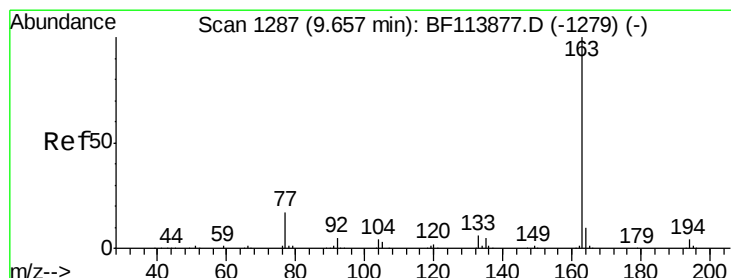
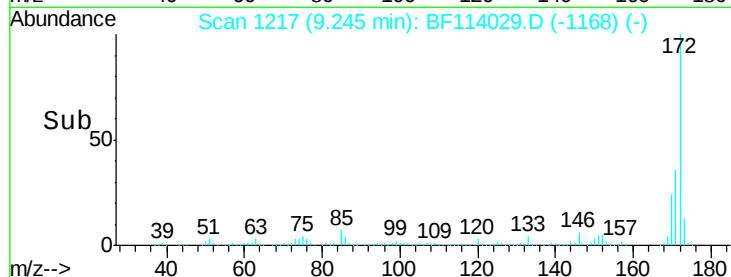
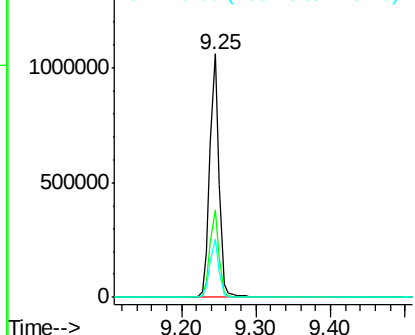
#45
2-Fluorobiphenyl
Concen: 58.235 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF114029.D
Acq: 29 Apr 2019 18:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 916265
Ion Ratio Lower Upper
172 100
171 36.1 29.4 44.0
170 23.9 19.9 29.9

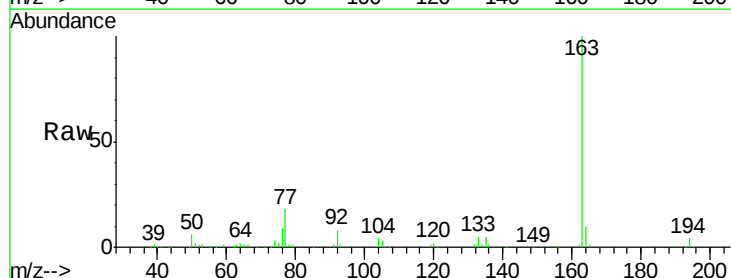


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

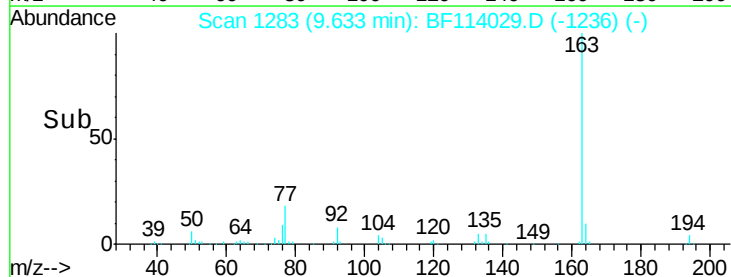
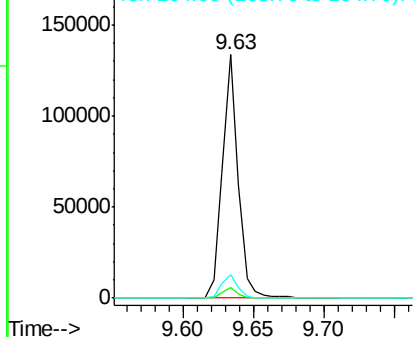


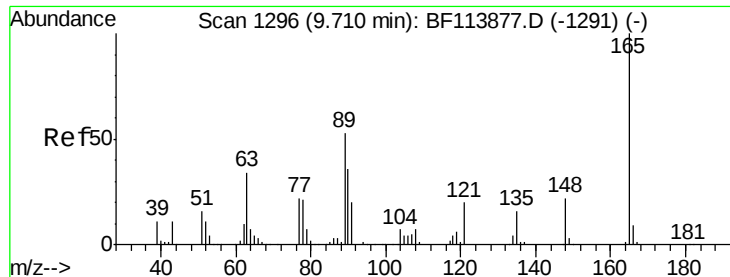
#50
Dimethylphthalate
Concen: 5.881 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF114029.D
Acq: 29 Apr 2019 18:10

Tgt Ion:163 Resp: 104660
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 9.6 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: 8.751 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.21 min

Lab File: BF114029.D

Acq: 29 Apr 2019 18:10

Instrument :

BNA_F

ClientSampled :

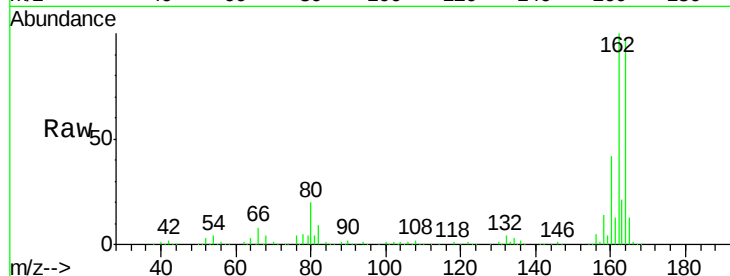
Tot Ion:165 Resp: 33414

Ion Ratio Lower Upper

165 100

63 1.3 33.8 50.8#

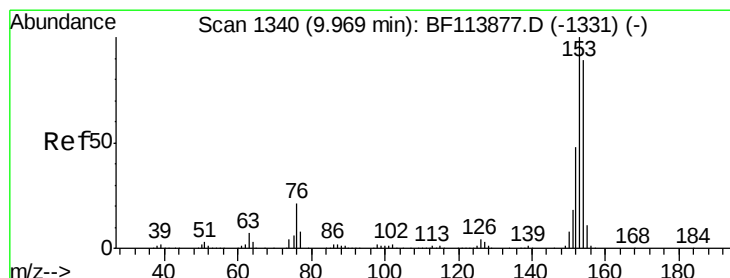
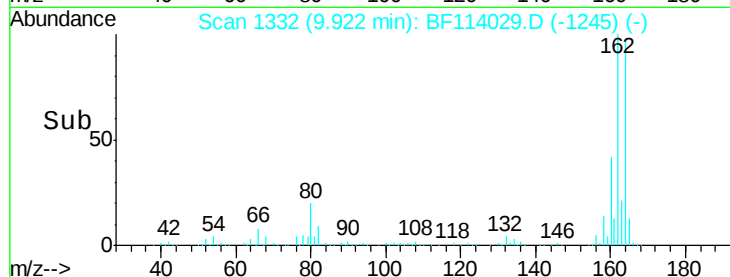
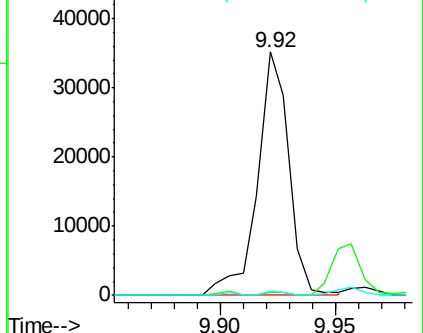
89 1.8 38.2 57.2#



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: 6.274 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF114029.D

Acq: 29 Apr 2019 18:10

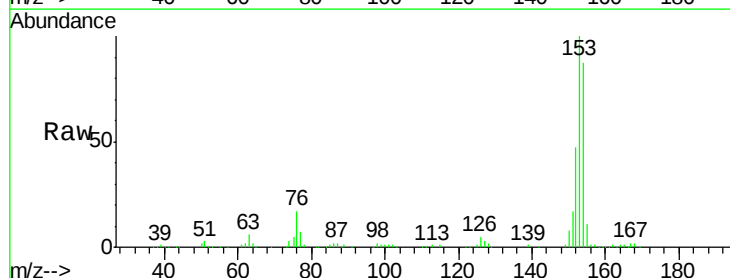
Tgt Ion:154 Resp: 88741

Ion Ratio Lower Upper

154 100

153 114.8 87.2 130.8

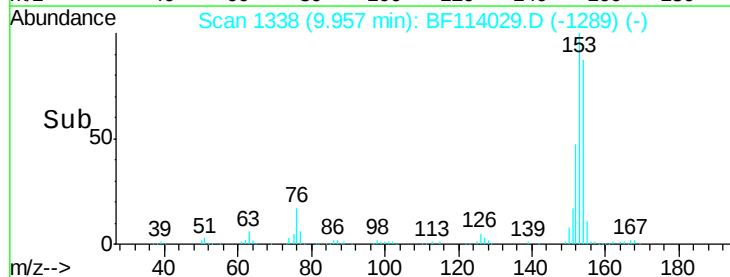
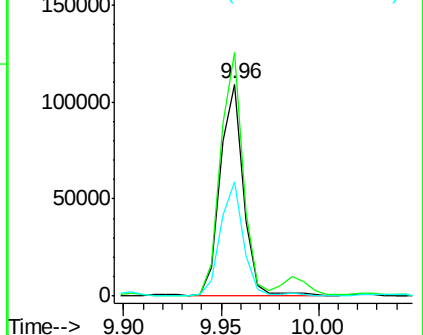
152 53.8 42.3 63.5

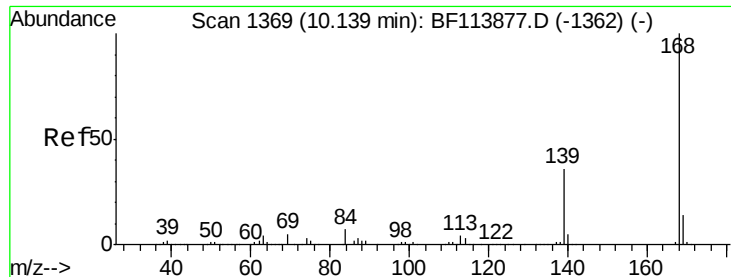


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

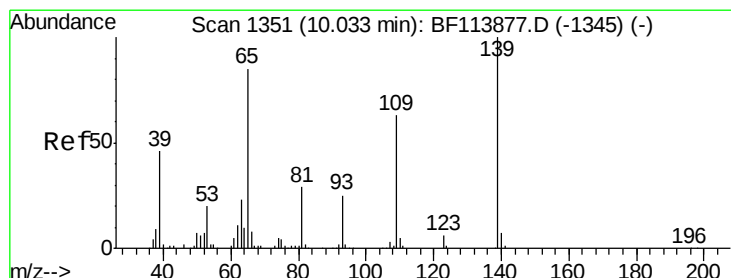
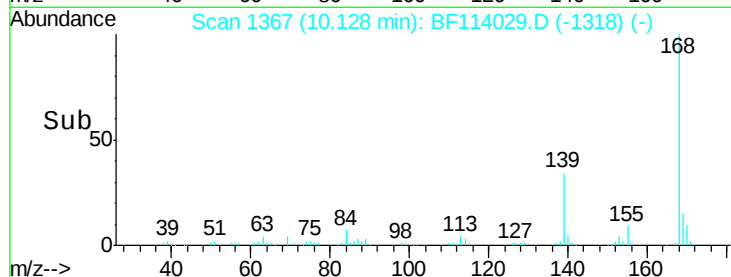
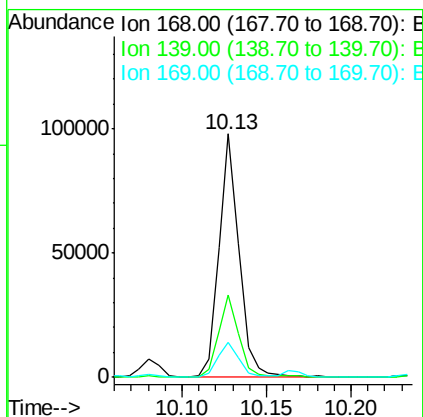
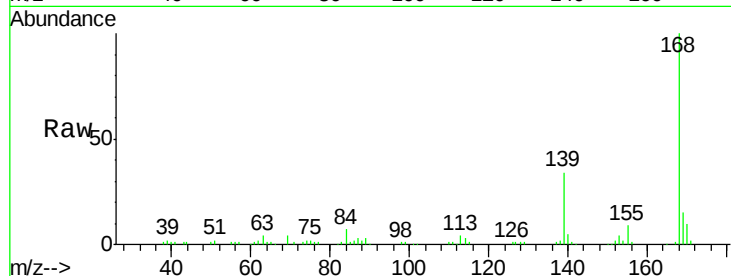




#55
Dibenzenofuran
Concen: 3.881 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF114029.D
Acq: 29 Apr 2019 18:10

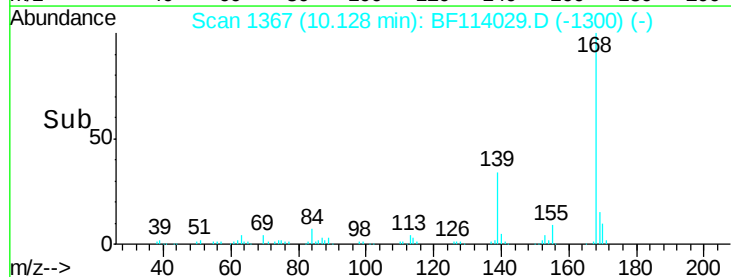
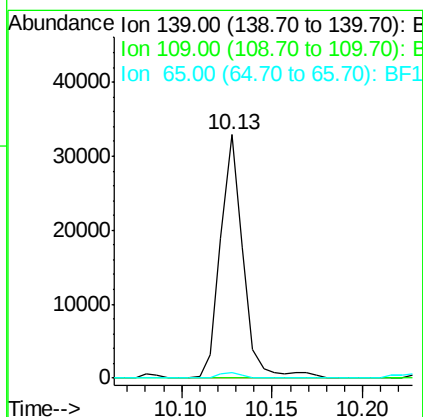
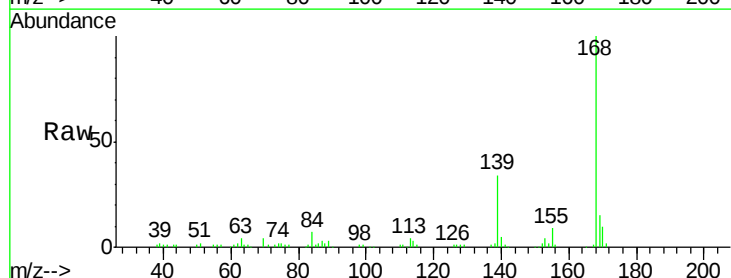
Instrument :
BNA_F
ClientSampled :

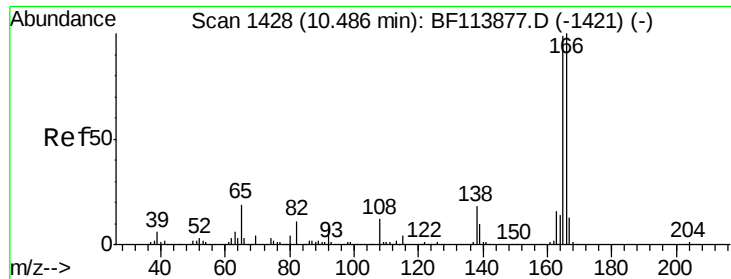
Tot Ion:168 Resp: 82232
Ion Ratio Lower Upper
168 100
139 33.6 27.8 41.6
169 14.6 11.0 16.6



#56
4-Nitrophenol
Concen: 9.031 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.09 min
Lab File: BF114029.D
Acq: 29 Apr 2019 18:10

Tgt Ion:139 Resp: 28689
Ion Ratio Lower Upper
139 100
109 0.0 42.9 82.9#
65 2.1 64.4 104.4#

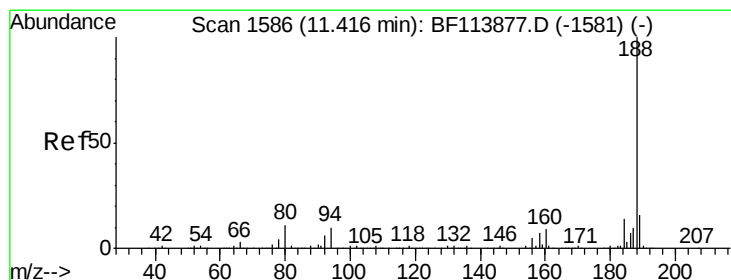
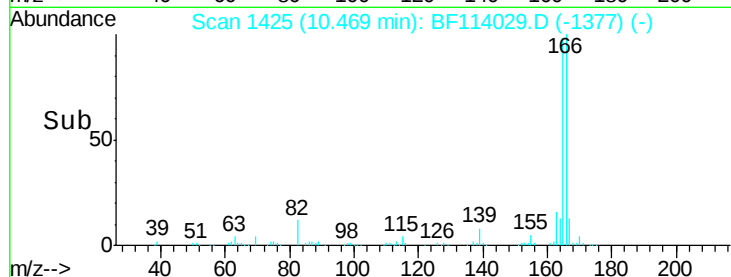
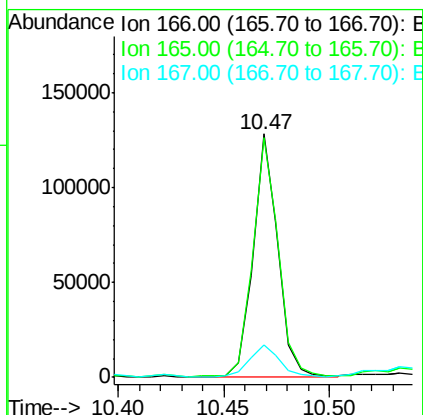
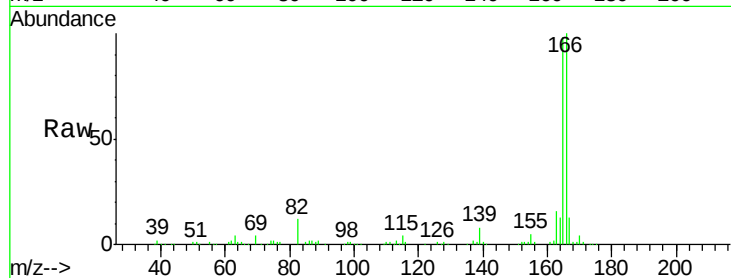




#58
 Fluorene
 Concen: 6.499 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.02 min
 Lab File: BF114029.D
 Acq: 29 Apr 2019 18:10

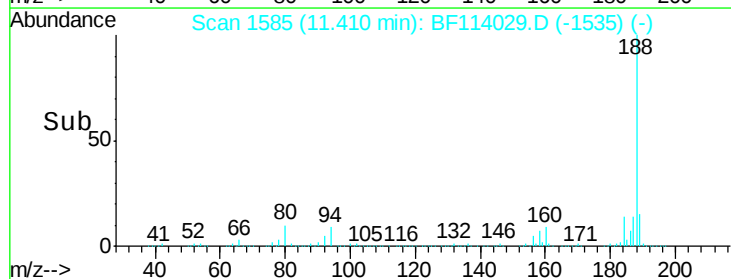
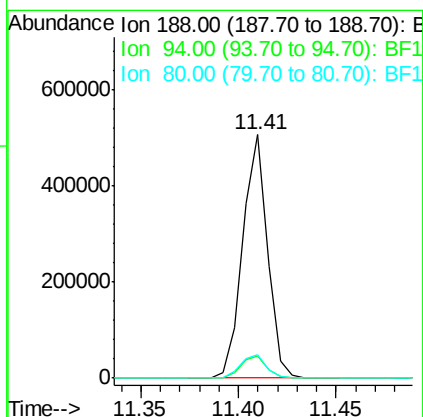
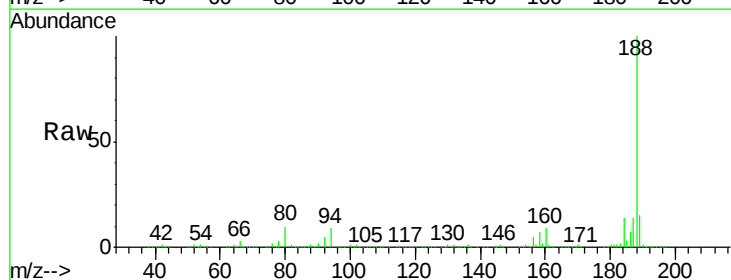
Instrument :
 BNA_F
 ClientSampleId :

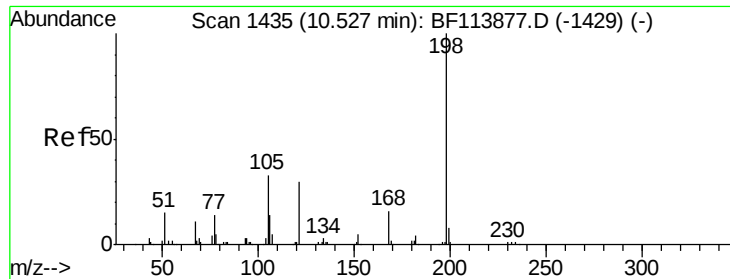
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.4	117.6
167	13.4	10.9	16.3



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF114029.D
 Acq: 29 Apr 2019 18:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.2	12.4
80	9.7	9.0	13.6





#65

4,6-Dinitro-2-methylphenol

Concen: 7.499 ng

RT: 10.71 min Scan# 1466

Delta R.T. 0.18 min

Lab File: BF114029.D

Acq: 29 Apr 2019 18:10

Instrument :

BNA_F

ClientSampleId :

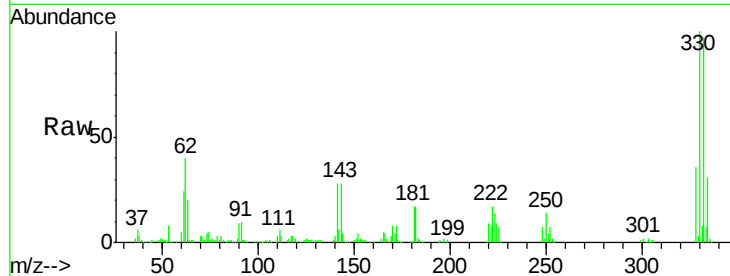
Tot Ion:198 Resp: 461

Ion Ratio Lower Upper

198 100

51 349.4 11.1 51.1#

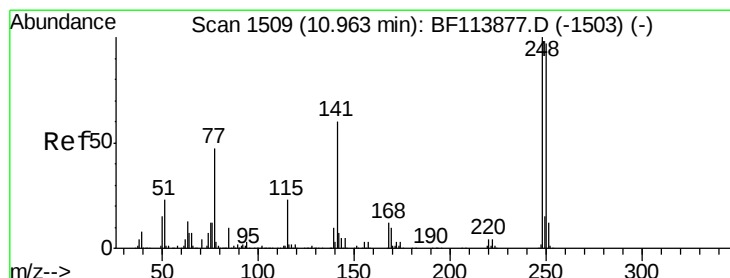
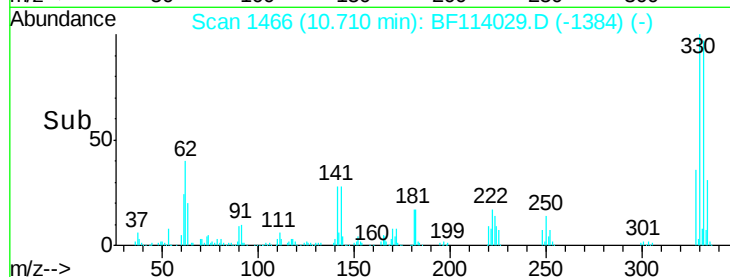
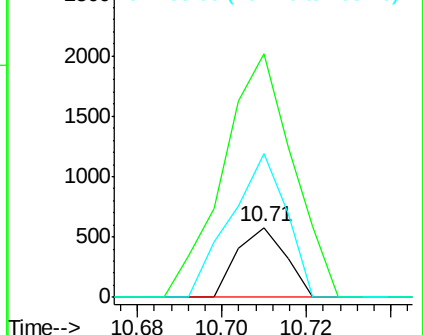
105 206.1 20.7 60.7#



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



#67

4-Bromophenyl-phenylether

Concen: 2.848 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.25 min

Lab File: BF114029.D

Acq: 29 Apr 2019 18:10

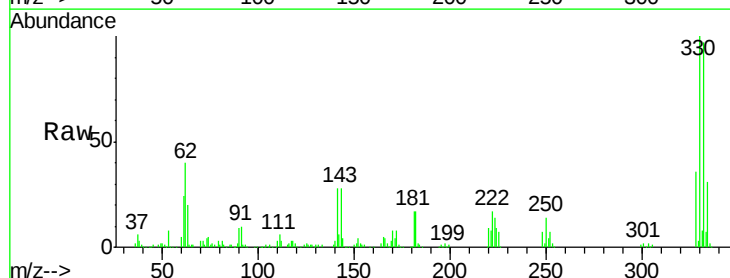
Tgt Ion:248 Resp: 15391

Ion Ratio Lower Upper

248 100

250 199.6 75.8 113.6#

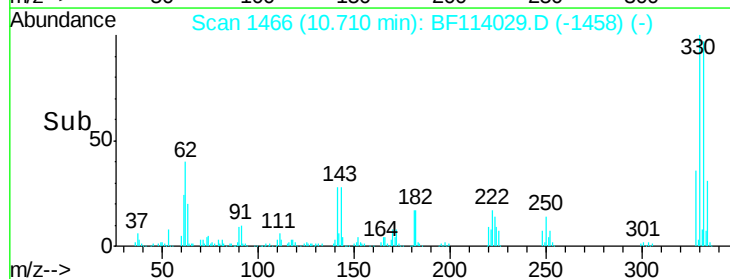
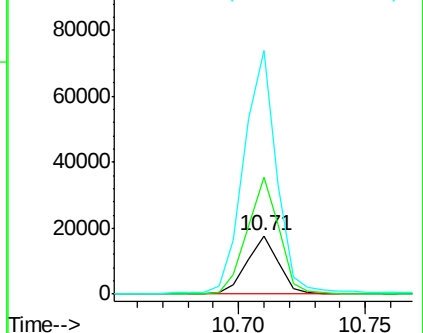
141 416.9 50.2 75.4#

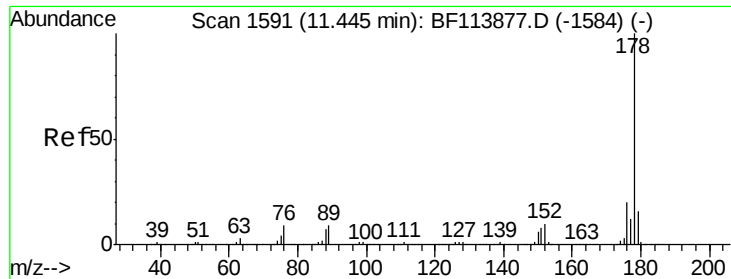


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

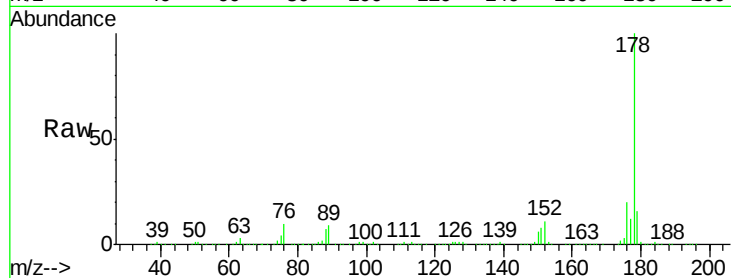




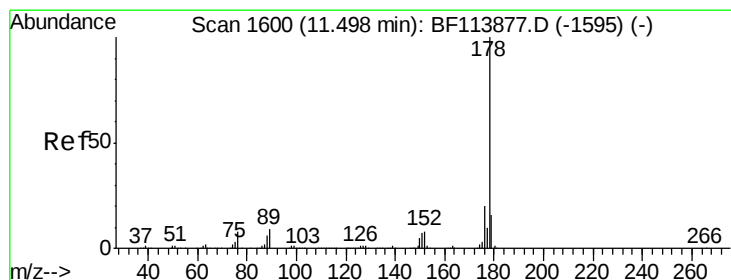
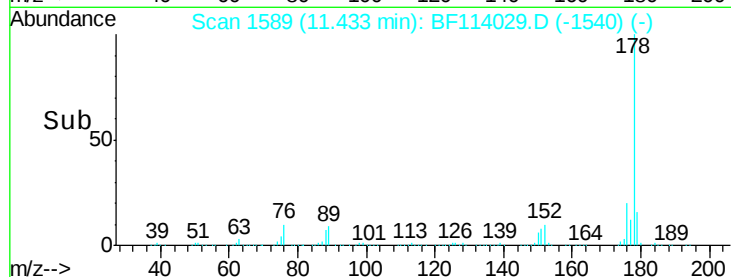
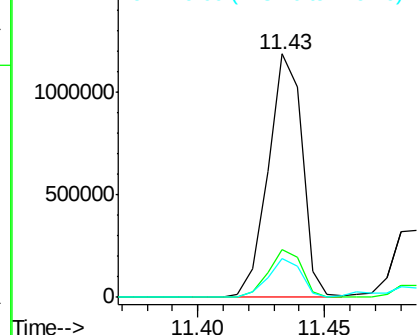
#71
Phenanthrene
Concen: 48.976 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF114029.D
Acq: 29 Apr 2019 18:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1100930
Ion Ratio Lower Upper
178 100
176 19.8 16.1 24.1
179 15.9 12.8 19.2

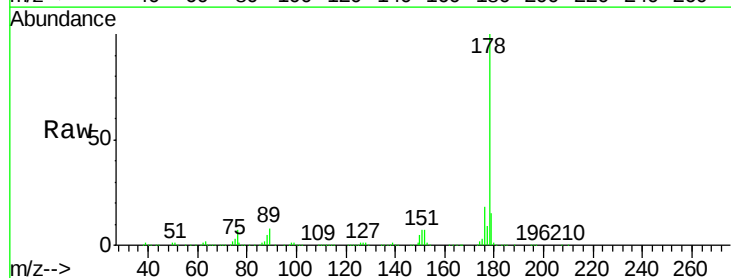


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

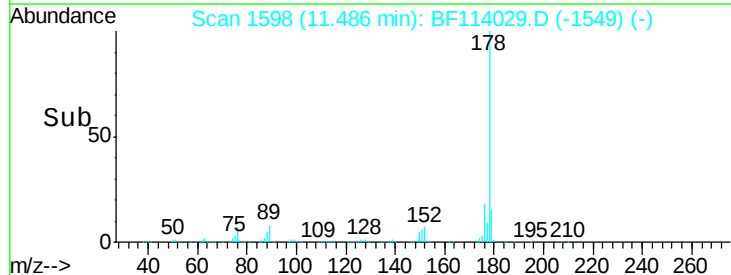
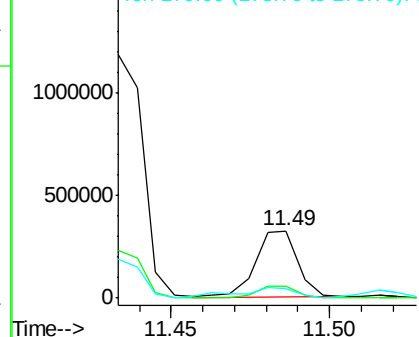


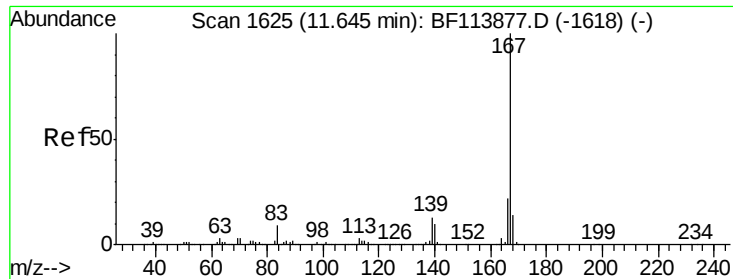
#72
Anthracene
Concen: 13.149 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF114029.D
Acq: 29 Apr 2019 18:10

Tgt Ion:178 Resp: 298475
Ion Ratio Lower Upper
178 100
176 18.4 15.7 23.5
179 14.7 13.0 19.4



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

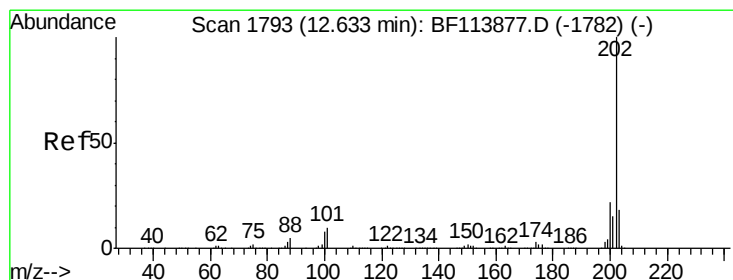
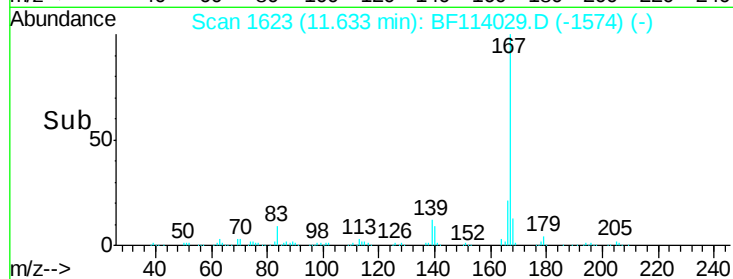
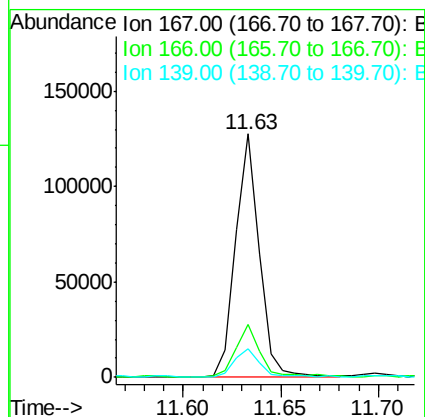
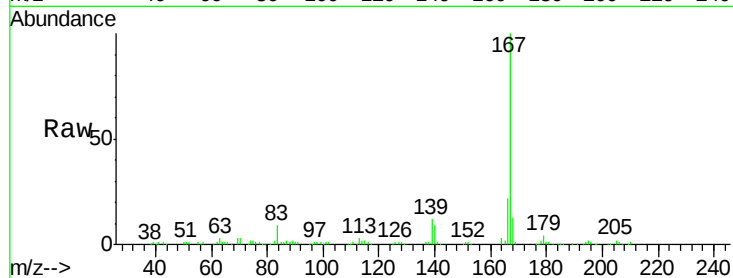




#73
 Carbazole
 Concen: 5.330 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF114029.D
 Acq: 29 Apr 2019 18:10

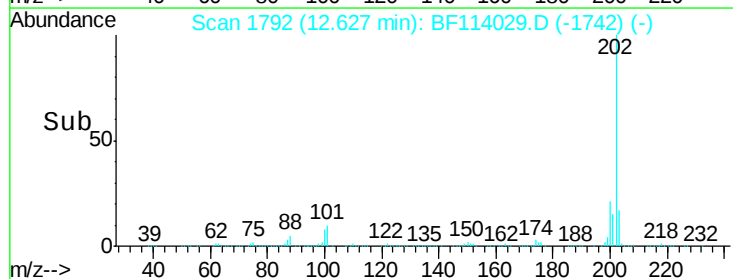
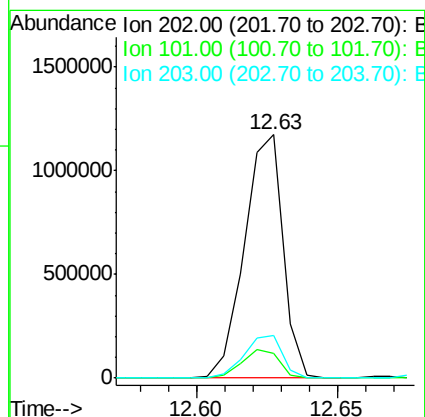
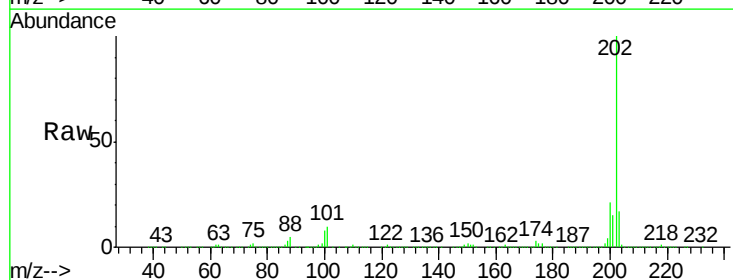
Instrument :
 BNA_F
 ClientSampleId :

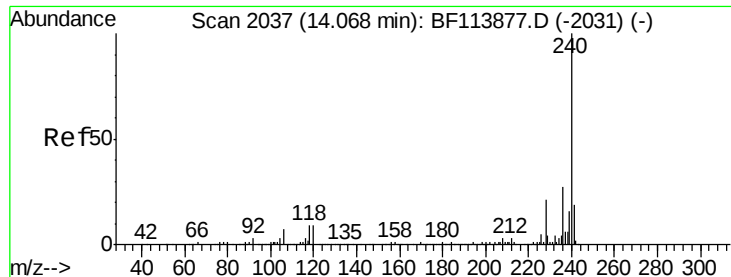
Tot Ion:167 Resp: 107943
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.7 26.5
 139 11.8 10.0 15.0



#75
 Fluoranthene
 Concen: 45.440 ng
 RT: 12.63 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BF114029.D
 Acq: 29 Apr 2019 18:10

Tgt Ion:202 Resp: 1114416
 Ion Ratio Lower Upper
 202 100
 101 10.1 0.0 32.9
 203 17.4 0.0 38.2

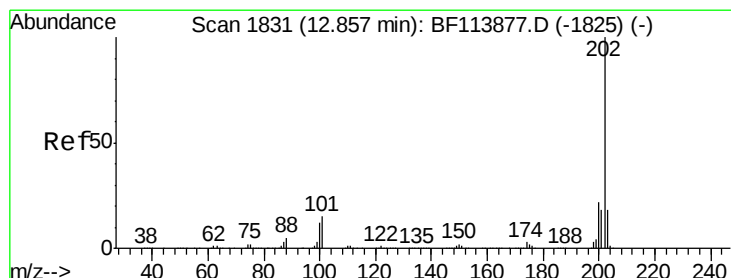
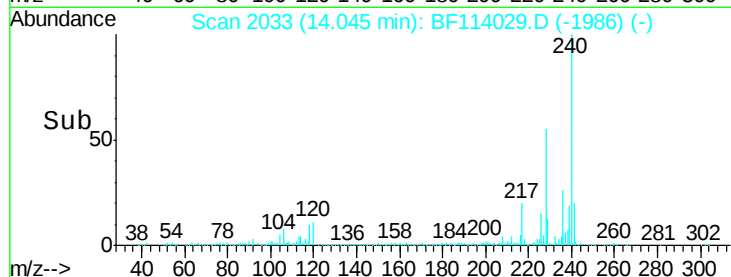
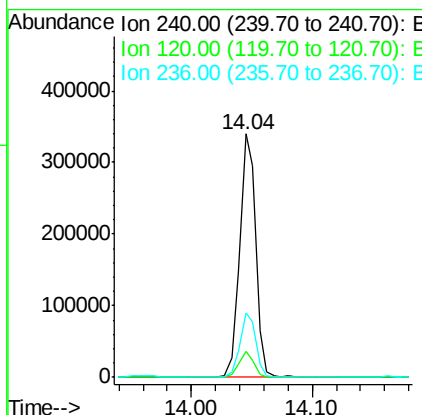
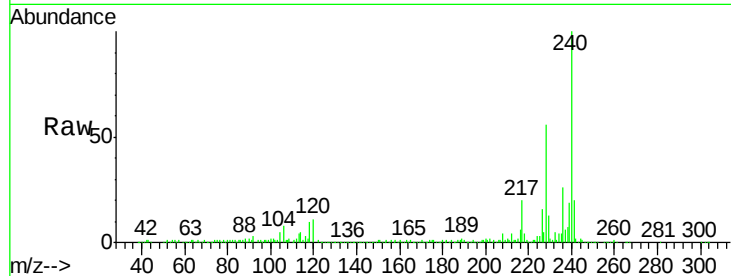




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.02 min
Lab File: BF114029.D
Acq: 29 Apr 2019 18:10

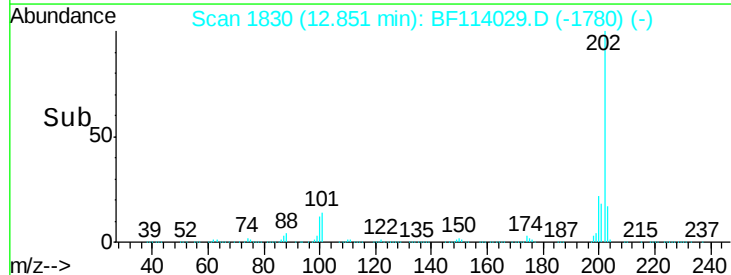
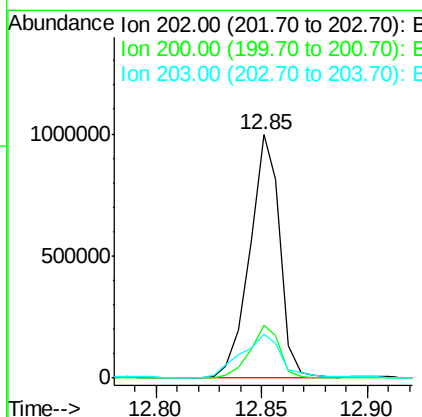
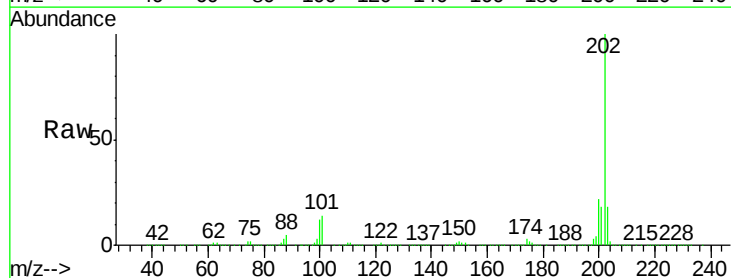
Instrument :
BNA_F
ClientSampleId :

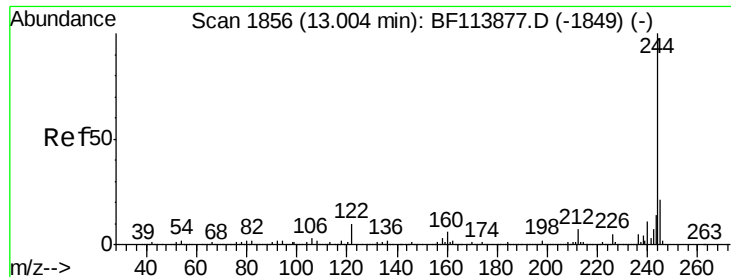
Tot Ion:240 Resp: 313852
Ion Ratio Lower Upper
240 100
120 10.8 9.3 13.9
236 26.3 21.2 31.8



#78
Pyrene
Concen: 44.907 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF114029.D
Acq: 29 Apr 2019 18:10

Tgt Ion:202 Resp: 985620
Ion Ratio Lower Upper
202 100
200 21.8 17.7 26.5
203 18.1 15.0 22.6





#79

Terphenyl-d14

Concen: 56.567 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF114029.D

Acq: 29 Apr 2019 18:10

Instrument :

BNA_F

ClientSampled :

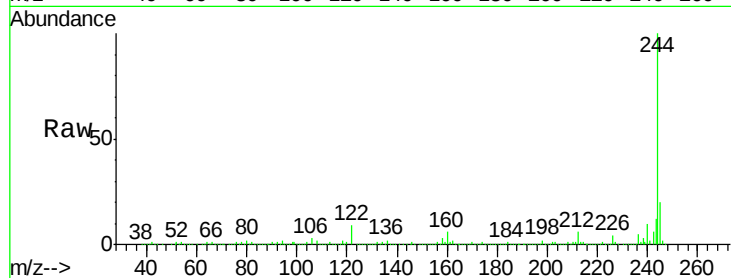
Tot Ion:244 Resp: 865970

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.2

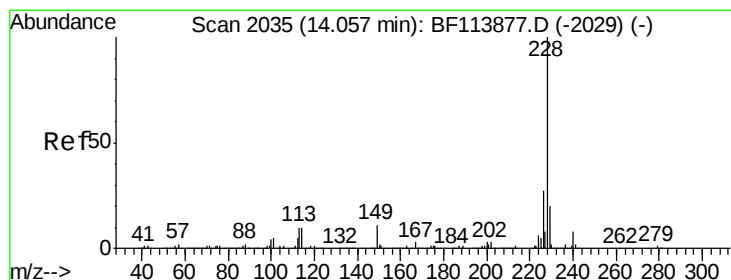
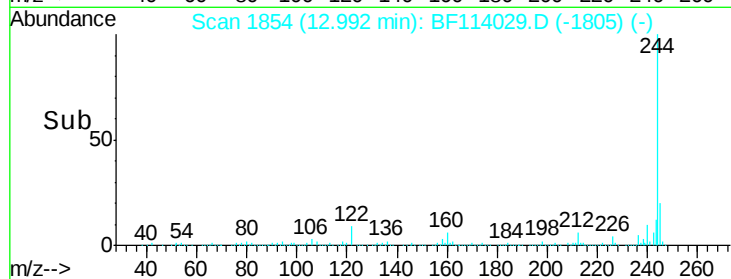
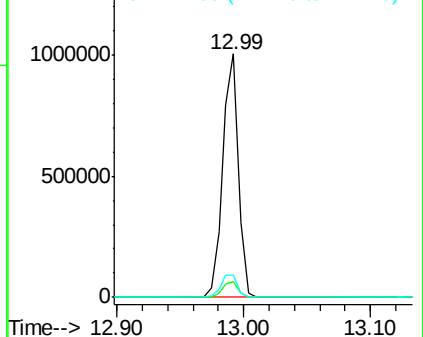
122 8.9 7.6 11.4



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: 28.495 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.02 min

Lab File: BF114029.D

Acq: 29 Apr 2019 18:10

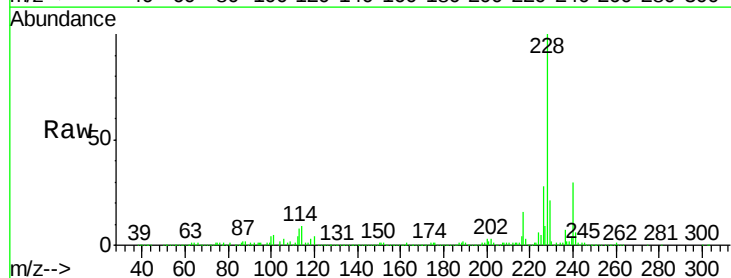
Tgt Ion:228 Resp: 526914

Ion Ratio Lower Upper

228 100

226 27.9 22.2 33.2

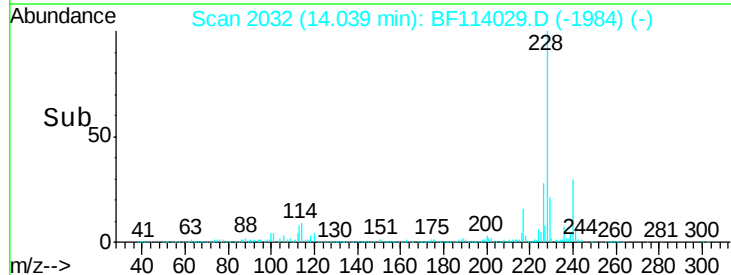
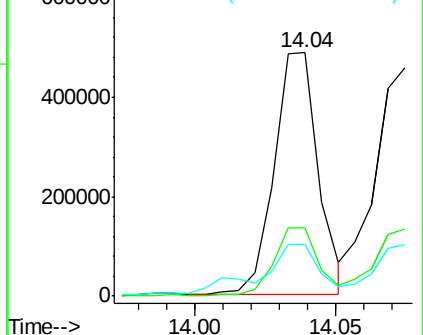
229 21.2 16.0 24.0

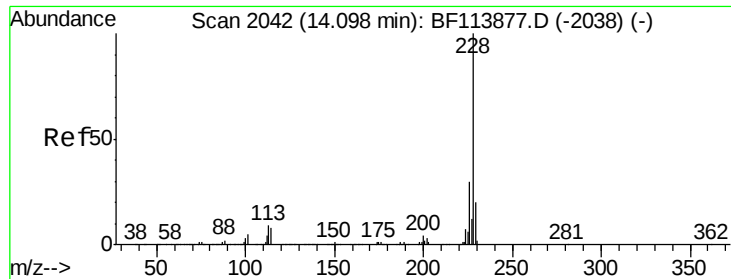


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 26.395 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.02 min

Lab File: BF114029.D

Acq: 29 Apr 2019 18:10

Instrument :

BNA_F

ClientSampleId :

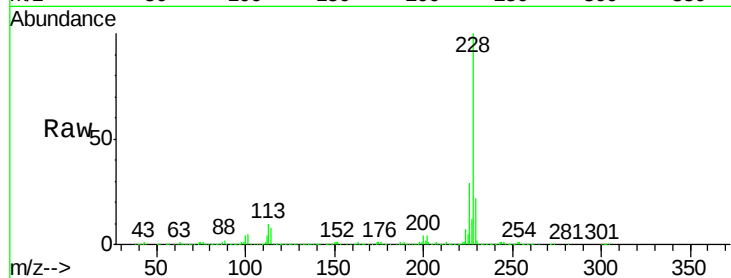
Tot Ion:228 Resp: 475349

Ion Ratio Lower Upper

228 100

226 29.4 25.2 37.8

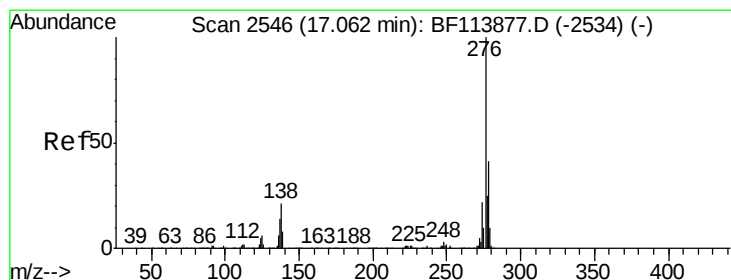
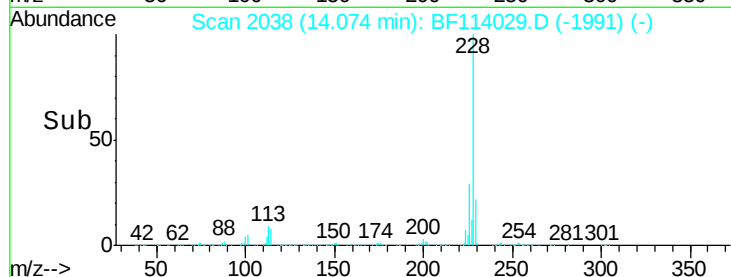
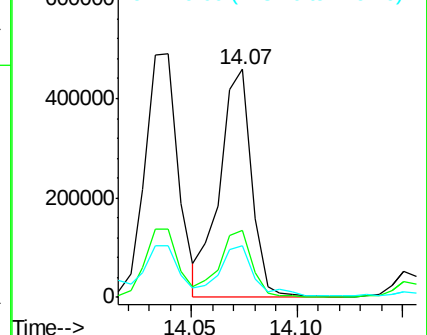
229 22.4 16.7 25.1



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: 2.853 ng

RT: 16.84 min Scan# 2509

Delta R.T. -0.22 min

Lab File: BF114029.D

Acq: 29 Apr 2019 18:10

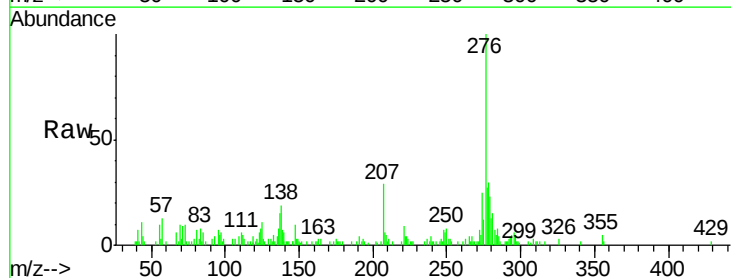
Tgt Ion:276 Resp: 48668

Ion Ratio Lower Upper

276 100

138 24.3 19.6 29.4

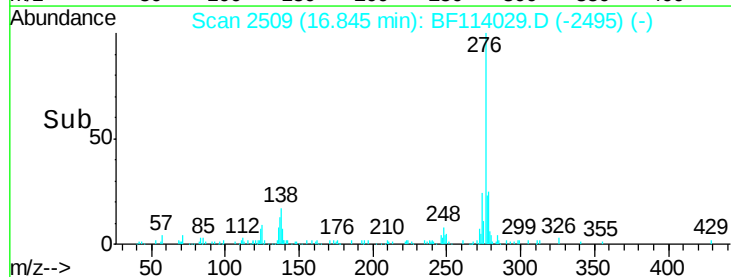
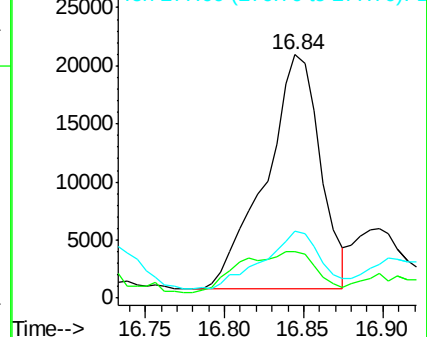
277 25.7 20.2 30.4

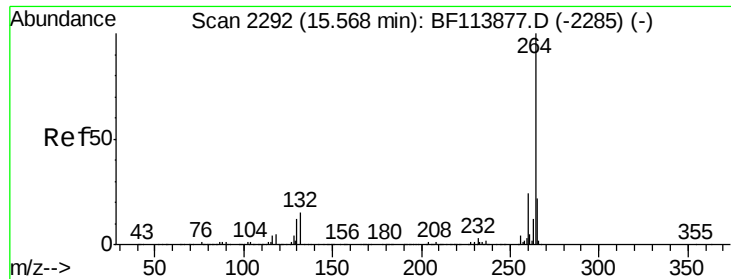


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

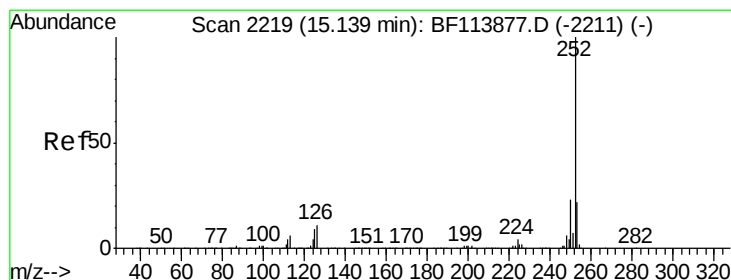
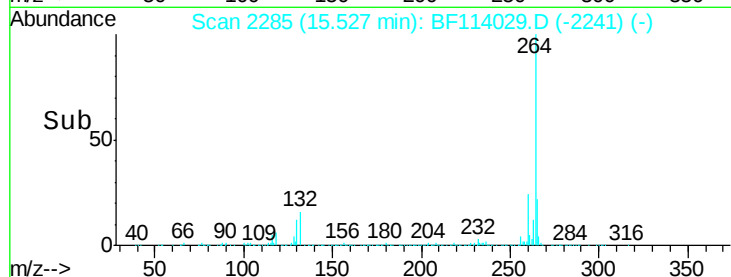
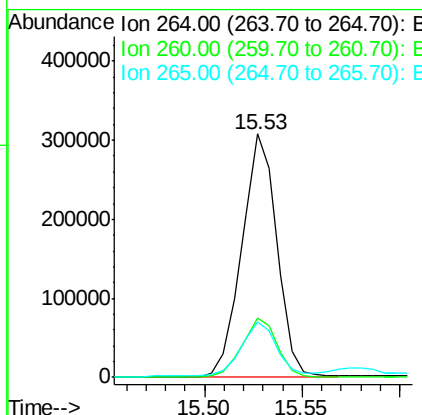
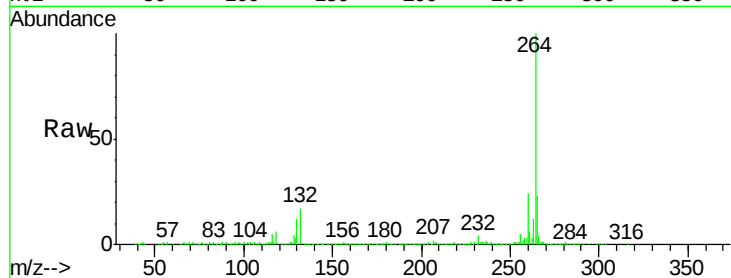




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.04 min
Lab File: BF114029.D
Acq: 29 Apr 2019 18:10

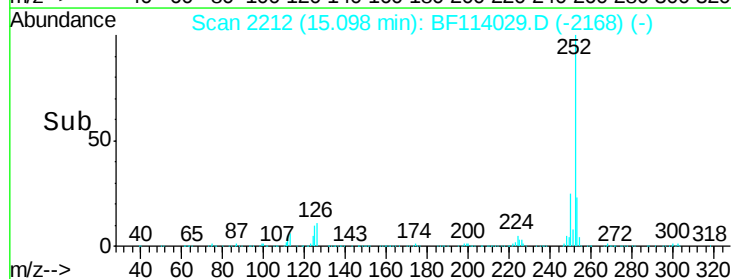
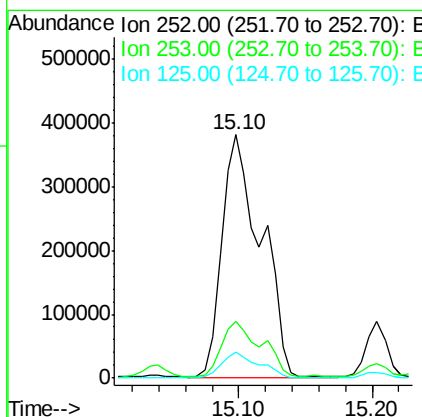
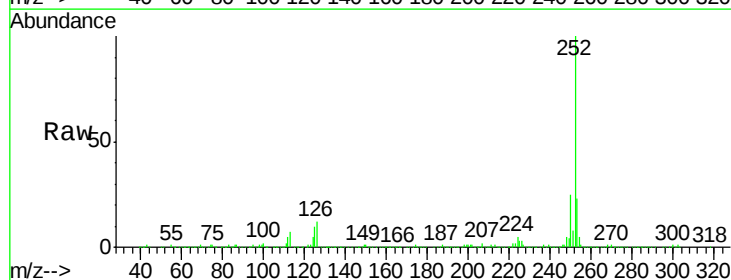
Instrument :
BNA_F
ClientSampleId :

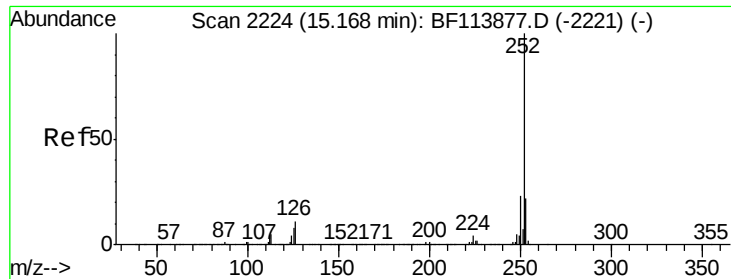
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.9	28.3
265	22.5	17.3	25.9



#88
Benzo(b)fluoranthene
Concen: 32.095 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.04 min
Lab File: BF114029.D
Acq: 29 Apr 2019 18:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.6
125	10.5	7.0	10.6

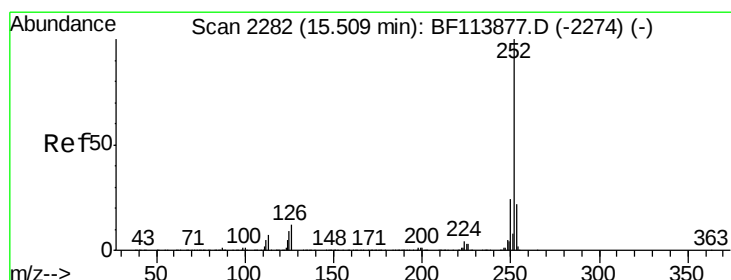
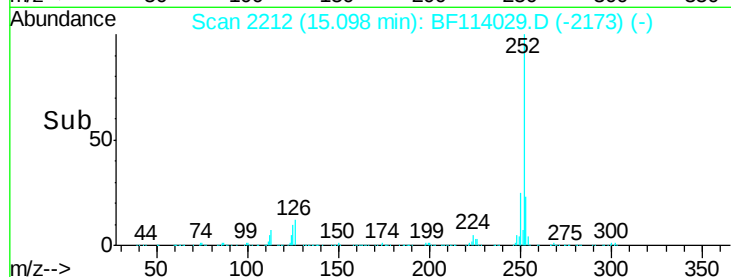
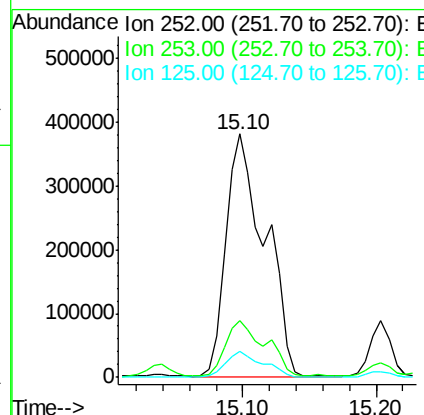
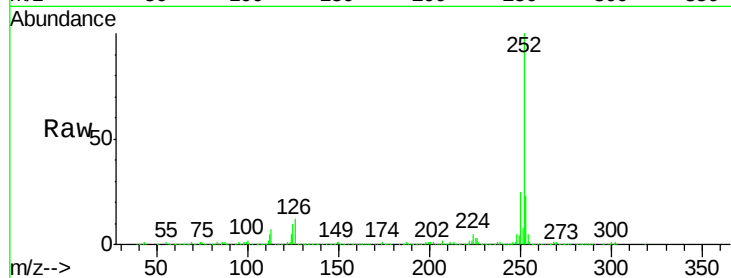




#89
Benzo(k)fluoranthene
Concen: 37.312 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.07 min
Lab File: BF114029.D
Acq: 29 Apr 2019 18:10

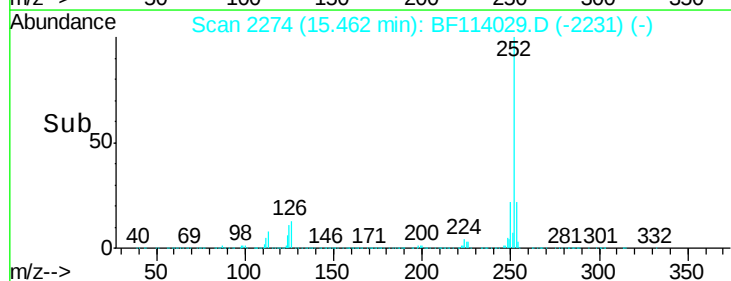
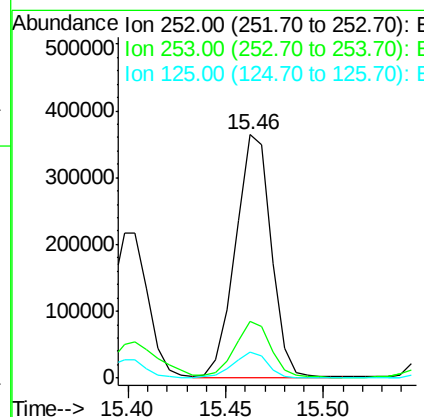
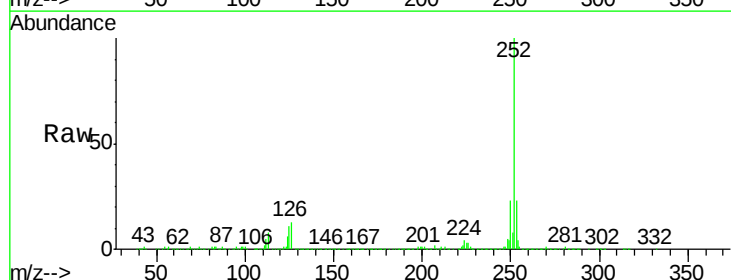
Instrument :
BNA_F
ClientSampled :

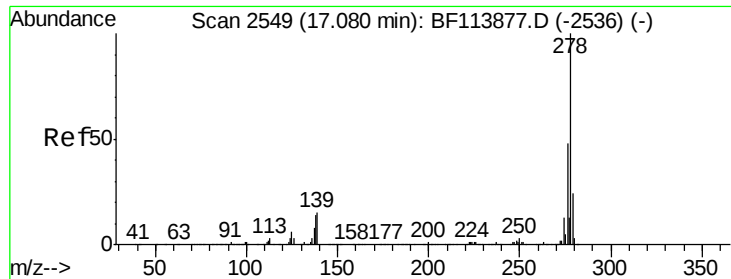
Tot Ion:252 Resp: 775587
Ion Ratio Lower Upper
252 100
253 23.4 18.2 27.2
125 10.5 7.4 11.2



#90
Benzo(a)pyrene
Concen: 21.979 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.05 min
Lab File: BF114029.D
Acq: 29 Apr 2019 18:10

Tgt Ion:252 Resp: 459415
Ion Ratio Lower Upper
252 100
253 23.2 17.5 26.3
125 10.7 8.5 12.7

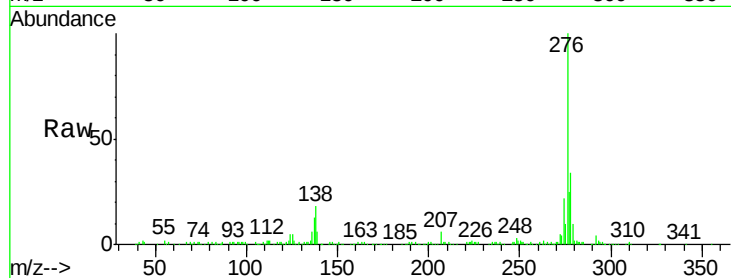




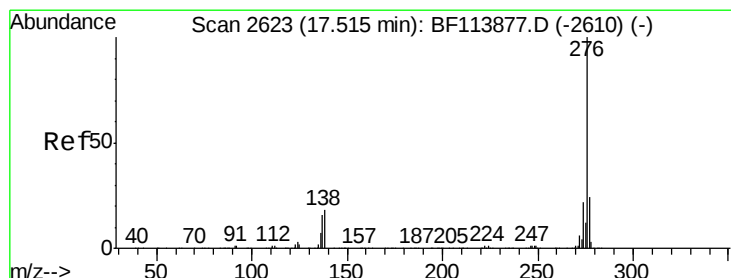
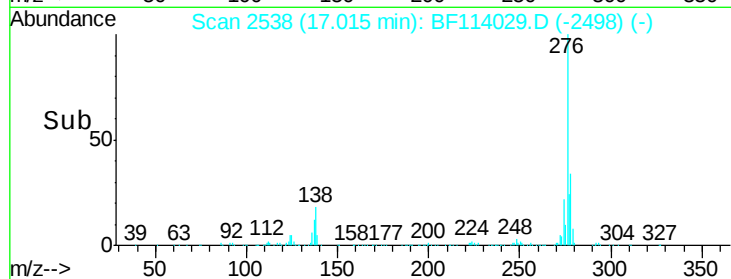
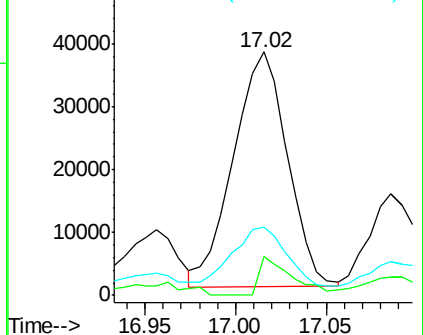
#91
Dibenzo(a,h)anthracene
Concen: 3.955 ng
RT: 17.02 min Scan# 2538
Delta R.T. -0.06 min
Lab File: BF114029.D
Acq: 29 Apr 2019 18:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 77595
Ion Ratio Lower Upper
278 100
139 16.1 11.6 17.4
279 27.9 19.0 28.6

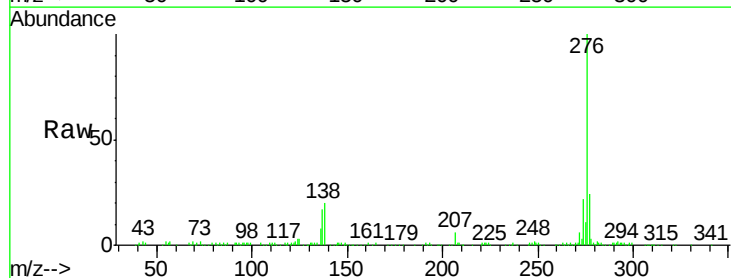


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 12.061 ng
RT: 17.46 min Scan# 2613
Delta R.T. -0.06 min
Lab File: BF114029.D
Acq: 29 Apr 2019 18:10

Tgt Ion:276 Resp: 238811
Ion Ratio Lower Upper
276 100
277 24.1 19.0 28.4
138 19.9 16.6 25.0



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

