

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
 Data File : BF115055.D
 Acq On : 14 Jun 2019 22:10
 Operator : HP/JU
 Sample : K3361-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 15 04:54:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	336692	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1259787	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	569051	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	942894	20.00	ng	0.00
76) Chrysene-d12	13.77	240	504741	20.00	ng	0.00
87) Perylene-d12	15.15	264	576419	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1785454	88.55	ng	0.00
7) Phenol-d6	6.29	99	2231835	91.76	ng	0.00
23) Nitrobenzene-d5	7.21	82	1349816	64.49	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	481366	78.99	ng	-0.01
45) 2-Fluorobiphenyl	9.00	172	2034356	60.59	ng	0.00
79) Terphenyl-d14	12.73	244	1424554	53.08	ng	-0.01

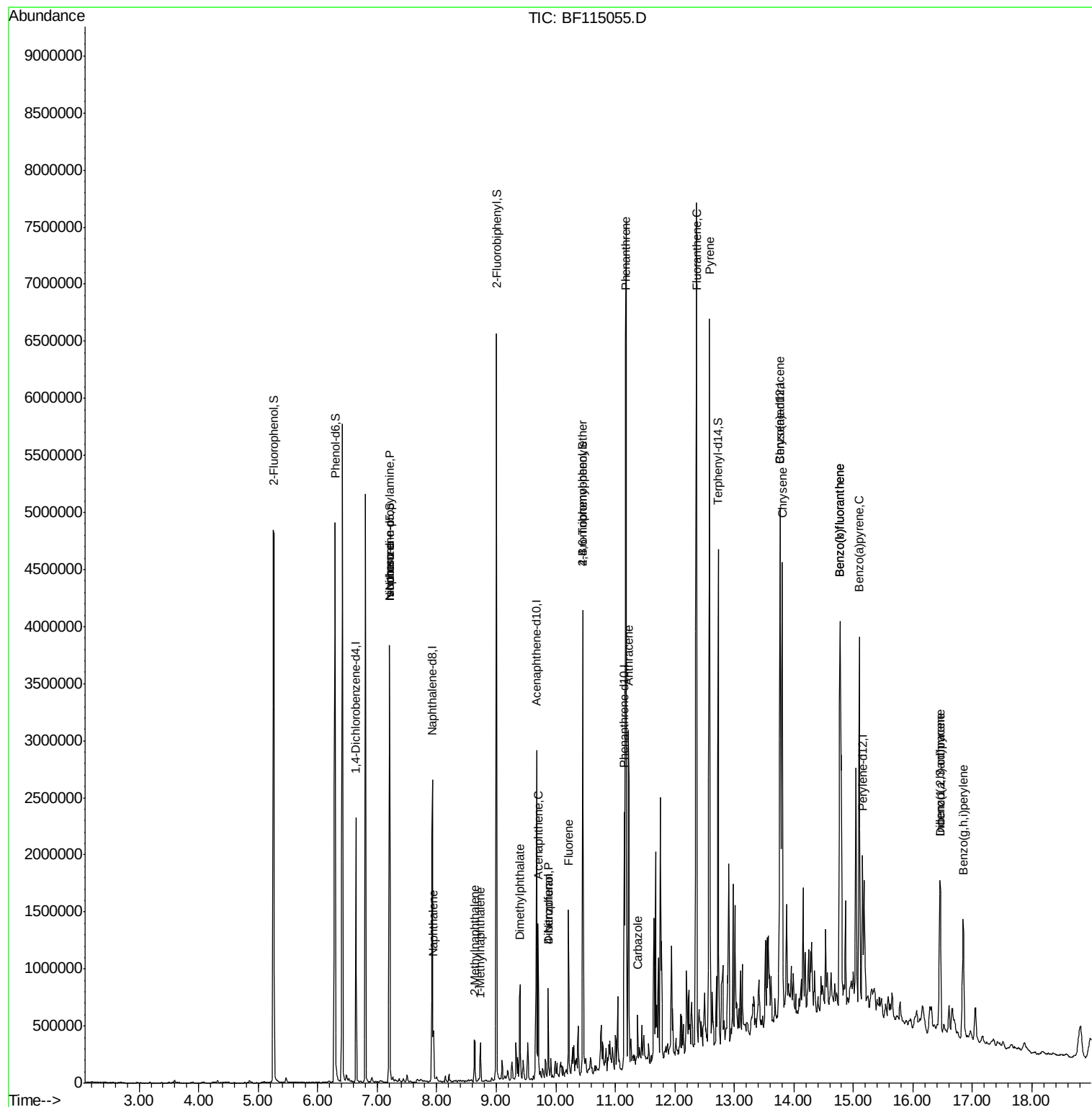
Target Compounds				Qvalue		
9) Benzaldehyde	6.19	77	3232	Below Cal		94
19) n-Nitroso-di-n-propylamine	7.21	70	177867	12.036 ng	#	76
25) Isophorone	7.21	82	1320225	33.680 ng	#	62
31) Naphthalene	7.95	128	283209	4.751 ng		98
37) 2-Methylnaphthalene	8.64	142	106082	2.668 ng		98
38) 1-Methylnaphthalene	8.73	142	88629	2.359 ng		99
50) Dimethylphthalate	9.40	163	328927	7.686 ng		98
52) Acenaphthene	9.70	154	262296	8.086 ng		98
55) Dibenzofuran	9.87	168	248783	5.089 ng		95
56) 4-Nitrophenol	9.87	139	92621	11.293 ng	#	15
58) Fluorene	10.22	166	368748	4.231 ng		98
67) 4-Bromophenyl-phenylether	10.46	248	30984	3.060 ng	#	1
71) Phenanthrene	11.18	178	3000831	61.640 ng		99
72) Anthracene	11.22	178	1120227	22.809 ng		98
73) Carbazole	11.37	167	160873	3.753 ng		98
75) Fluoranthene	12.36	202	3393477	68.169 ng		97
78) Pyrene	12.59	202	3229621	70.238 ng		98
81) Benzo(a)anthracene	13.77	228	1807872	47.864 ng		97
83) Chrysene	13.80	228	1606695	42.777 ng		97
86) Indeno(1,2,3-cd)pyrene	16.46	276	851762	25.817 ng		96
88) Benzo(b)fluoranthene	14.77	252	2643578	68.990 ng		97
89) Benzo(k)fluoranthene	14.77	252	2643578	78.600 ng	#	96
90) Benzo(a)pyrene	15.10	252	1532197	46.339 ng		97
91) Dibenzo(a,h)anthracene	16.46	278	216389	7.599 ng		95
92) Benzo(g,h,i)perylene	16.84	276	776502	26.739 ng		99

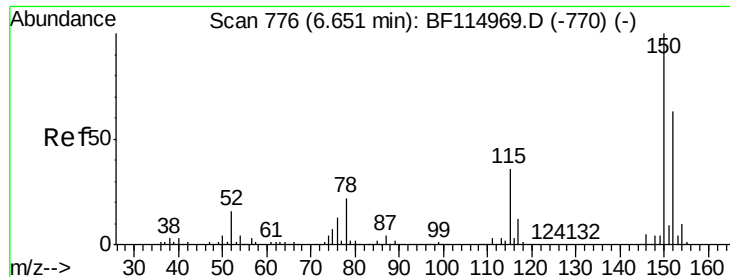
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 15 04:54:17 2019
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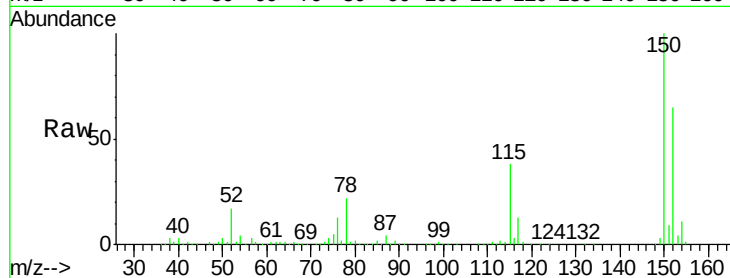


#1

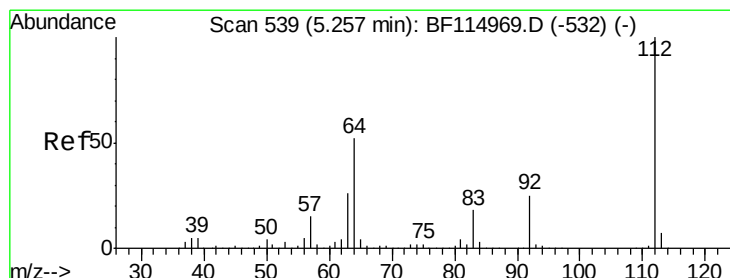
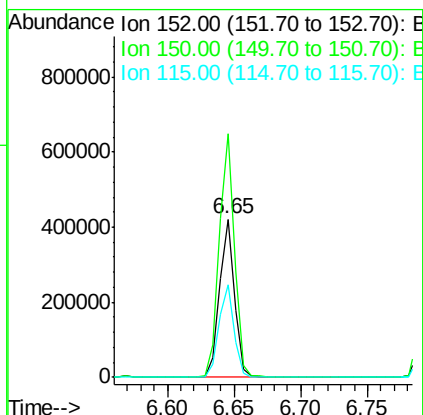
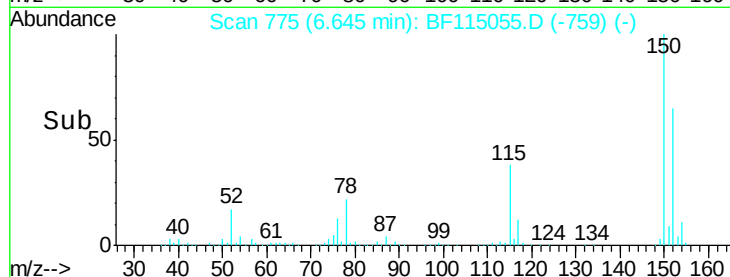
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115055.D
Acq: 14 Jun 2019 22:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 336692
Ion Ratio Lower Upper
152 100
150 154.1 127.4 191.0
115 58.4 46.0 69.0



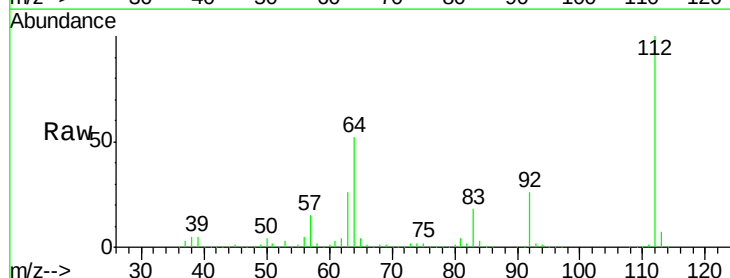
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



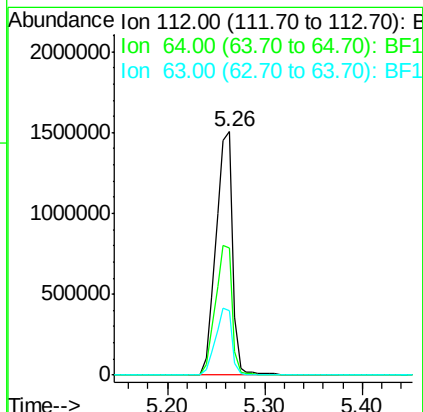
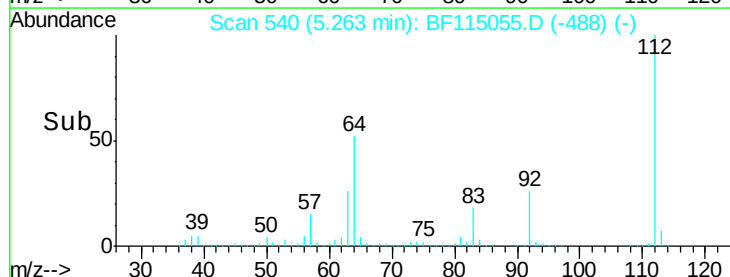
#5

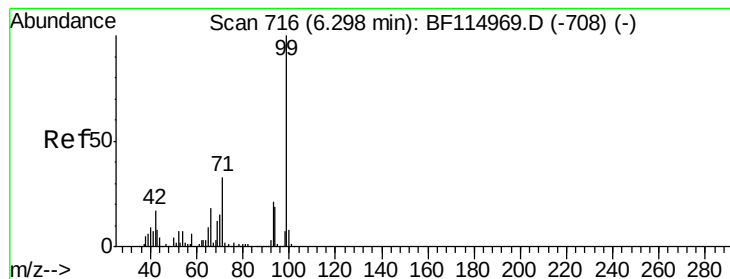
2-Fluorophenol
Concen: 88.548 ng
RT: 5.26 min Scan# 540
Delta R.T. 0.01 min
Lab File: BF115055.D
Acq: 14 Jun 2019 22:10

Tgt Ion:112 Resp: 1785454
Ion Ratio Lower Upper
112 100
64 52.3 41.6 62.4
63 26.5 20.9 31.3



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





#7

Phenol-d6

Concen: 91.757 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF115055.D

Acq: 14 Jun 2019 22:10

Instrument :

BNA_F

ClientSampled :

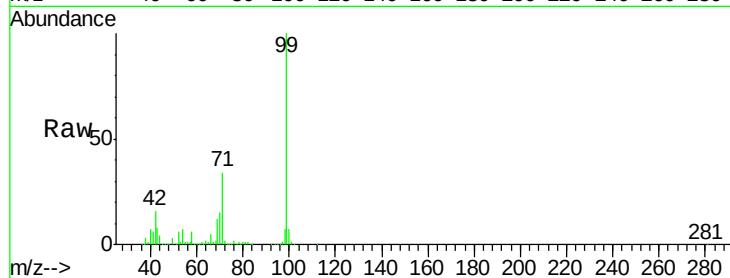
Tot Ion: 99 Resp: 2231835

Ion Ratio Lower Upper

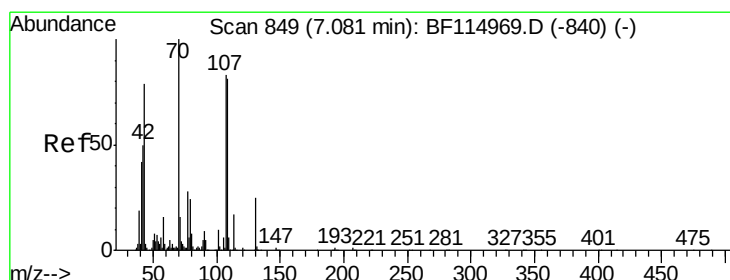
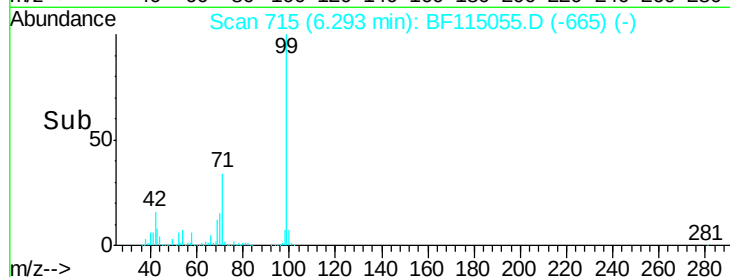
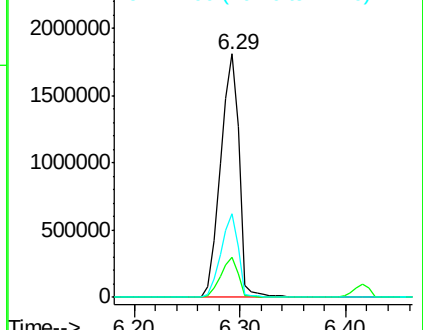
99 100

42 16.3 13.4 20.2

71 34.2 26.4 39.6



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: 12.036 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.13 min

Lab File: BF115055.D

Acq: 14 Jun 2019 22:10

Tgt Ion: 70 Resp: 177867

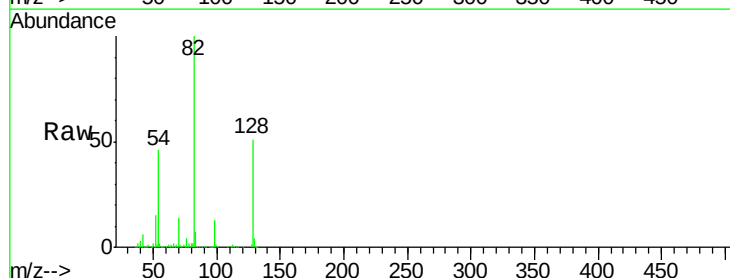
Ion Ratio Lower Upper

70 100

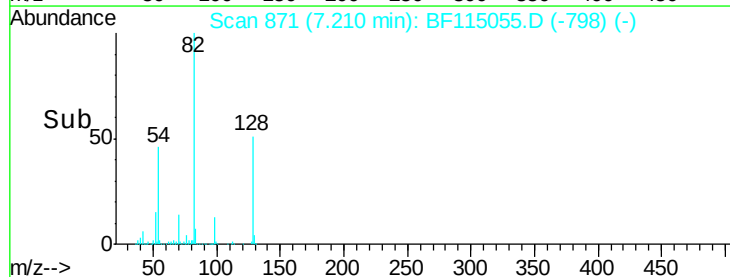
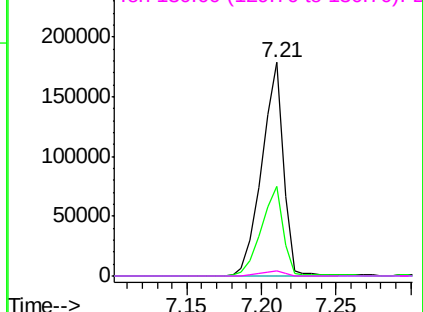
42 41.9 40.3 60.5

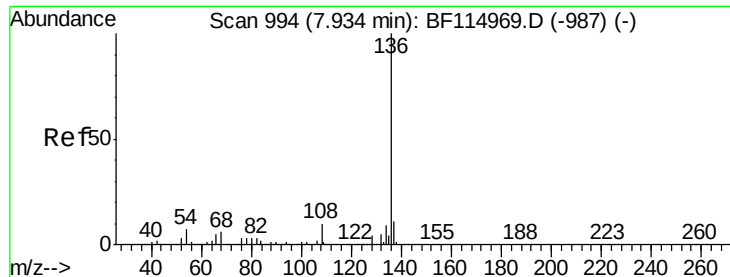
101 0.0 8.2 12.4#

130 2.3 20.3 30.5#



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

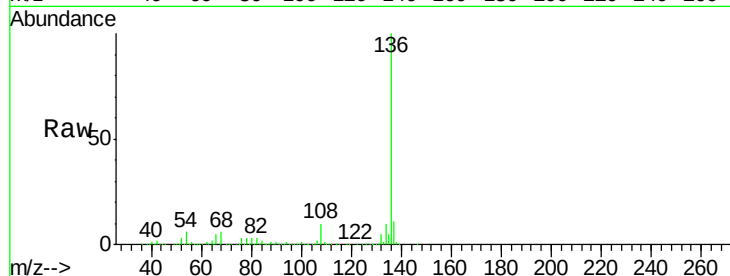




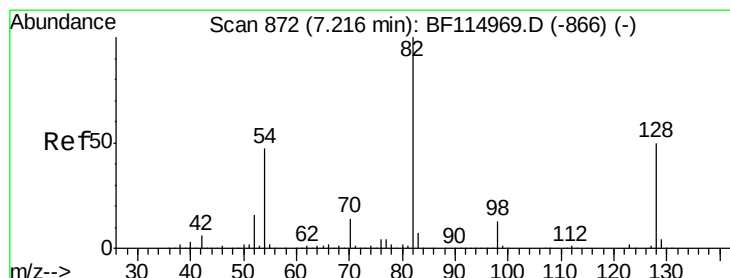
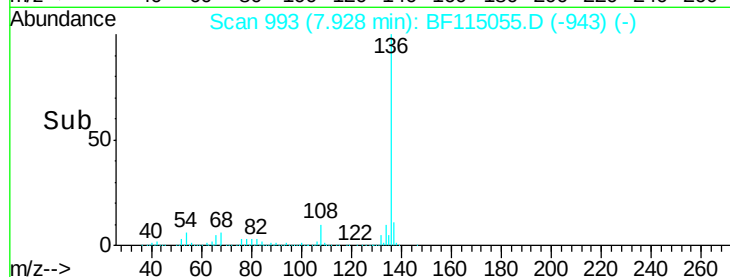
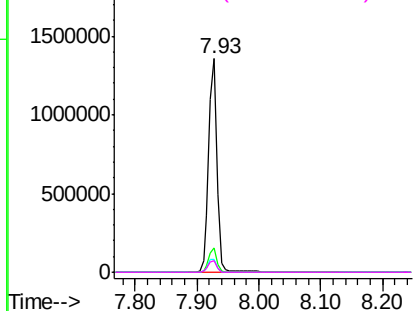
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF115055.D
Acq: 14 Jun 2019 22:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 1259787
Ion Ratio	Lower Upper
136 100	
137 11.4	9.0 13.4
54 6.2	5.4 8.0
68 5.5	4.6 7.0

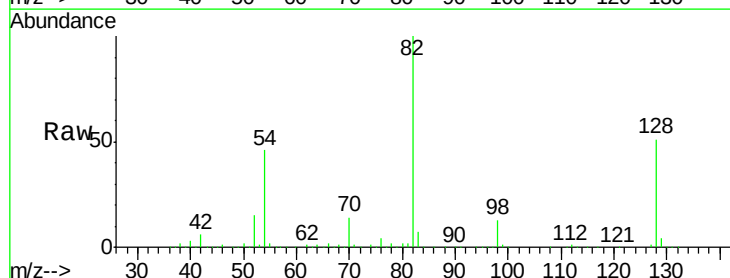


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

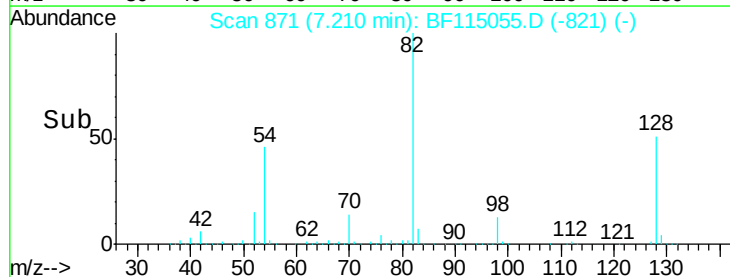
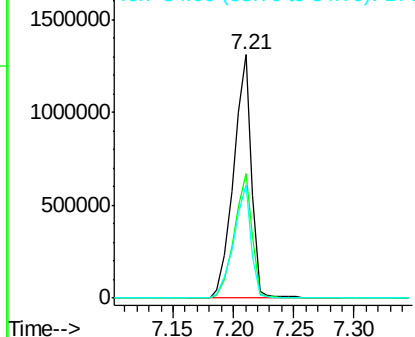


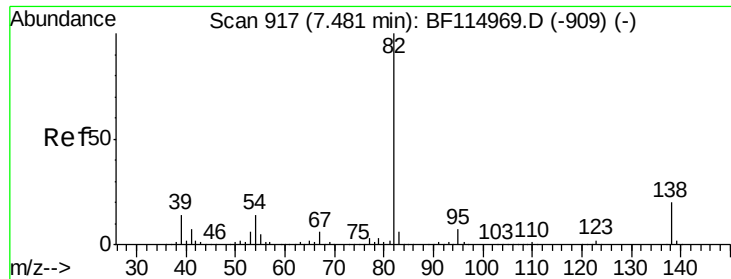
#23
Nitrobenzene-d5
Concen: 64.494 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF115055.D
Acq: 14 Jun 2019 22:10

Tgt Ion: 82	Resp: 1349816
Ion Ratio	Lower Upper
82 100	
128 51.0	39.9 59.9
54 46.2	37.3 55.9



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: 33.680 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.27 min

Lab File: BF115055.D

Acq: 14 Jun 2019 22:10

Instrument :

BNA_F

ClientSampleId :

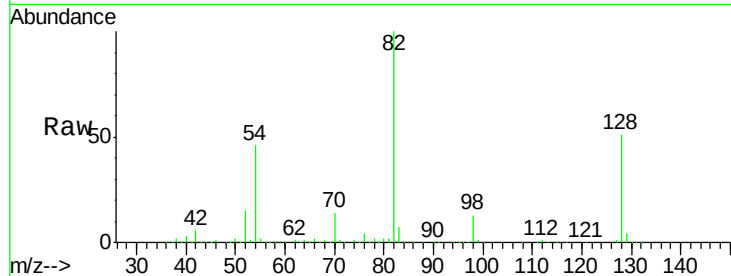
Tot Ion: 82 Resp: 1320225

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

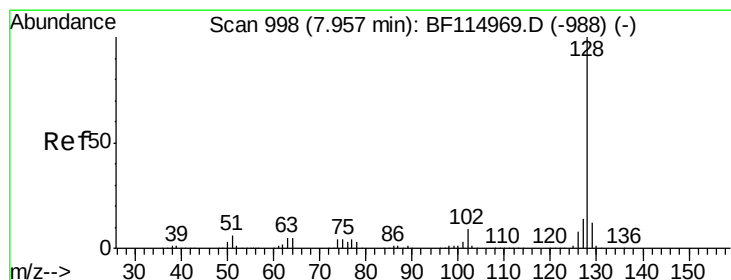
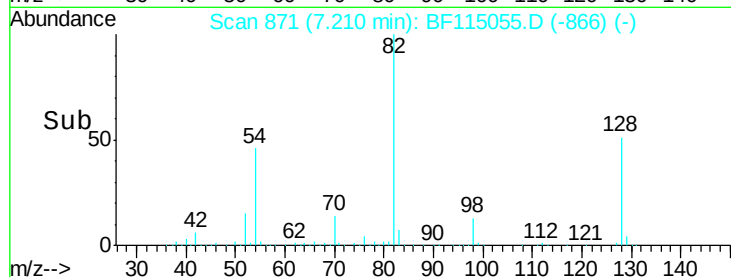
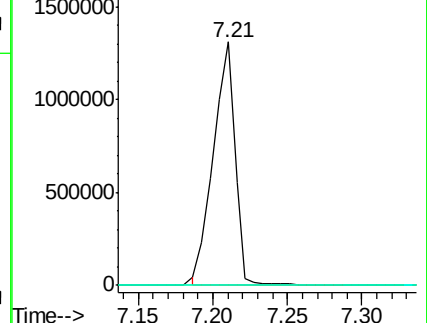
138 0.0 16.1 24.1#



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: 4.751 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF115055.D

Acq: 14 Jun 2019 22:10

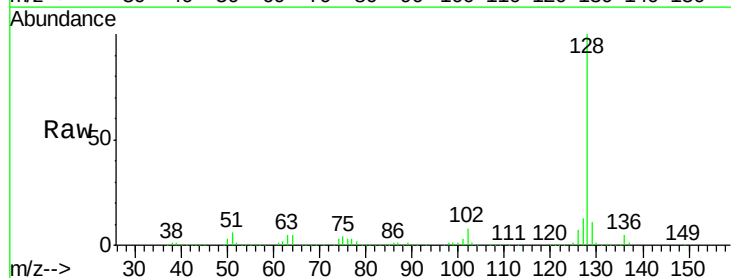
Tgt Ion: 128 Resp: 283209

Ion Ratio Lower Upper

128 100

129 11.2 9.5 14.3

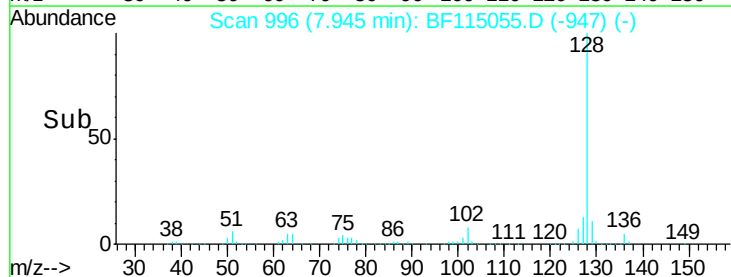
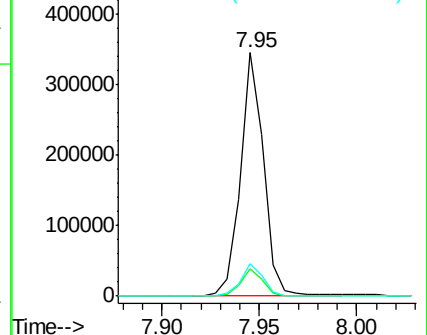
127 13.3 11.5 17.3

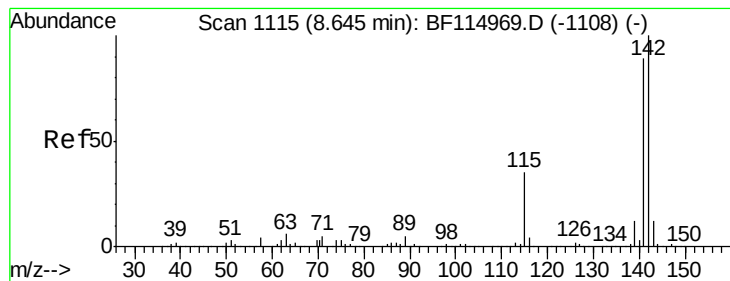


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 2.668 ng

RT: 8.64 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BF115055.D

Acq: 14 Jun 2019 22:10

Instrument :

BNA_F

ClientSampled :

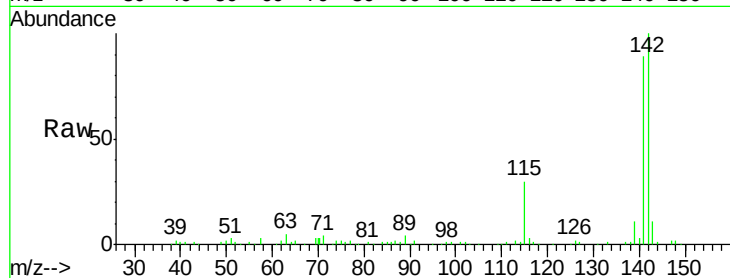
Tot Ion:142 Resp: 106082

Ion Ratio Lower Upper

142 100

141 88.9 71.0 106.6

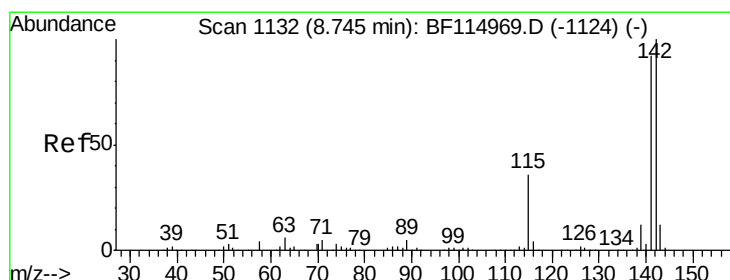
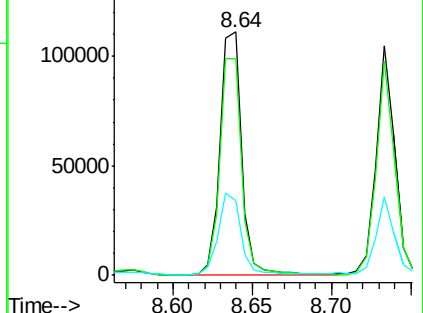
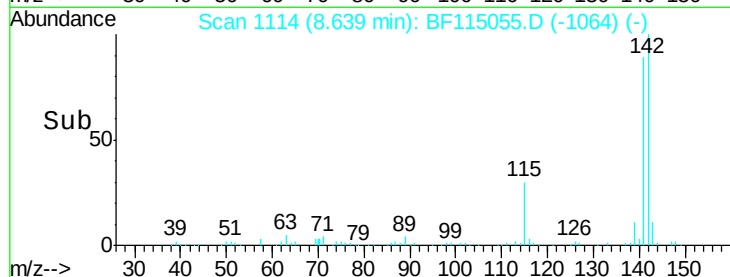
115 30.5 27.9 41.9



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: 2.359 ng

RT: 8.73 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BF115055.D

Acq: 14 Jun 2019 22:10

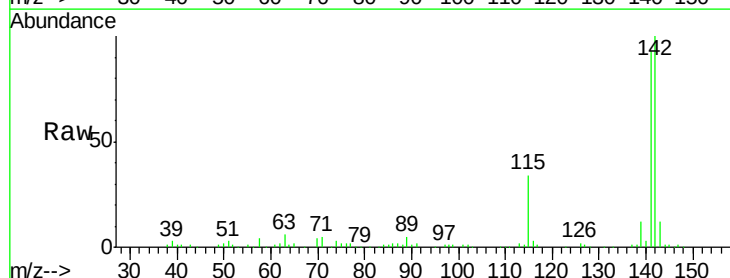
Tgt Ion:142 Resp: 88629

Ion Ratio Lower Upper

142 100

141 93.0 73.8 110.8

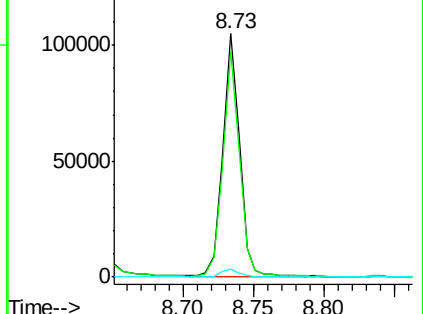
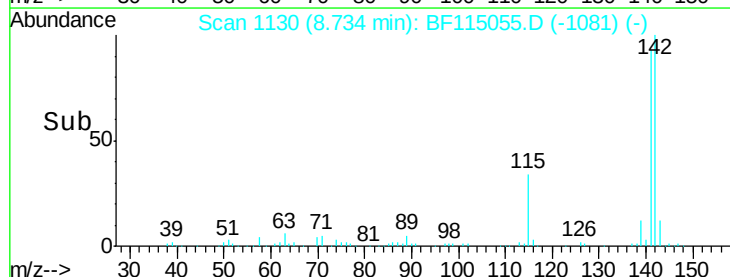
116 3.4 2.9 4.3

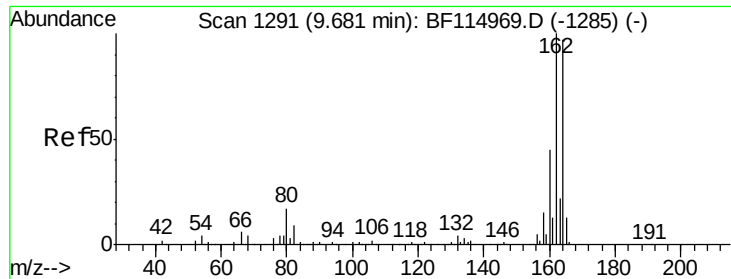


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

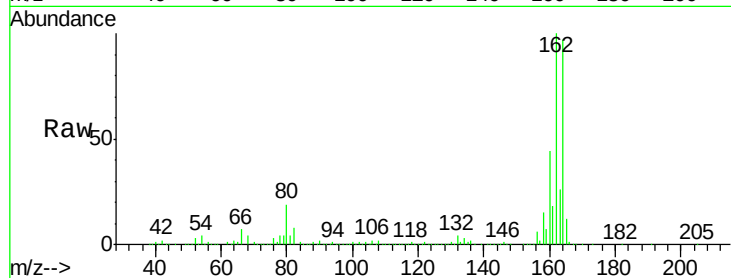




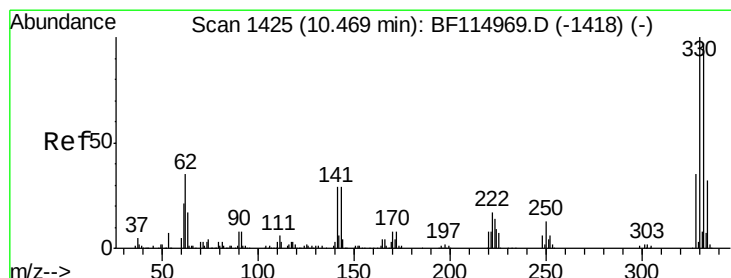
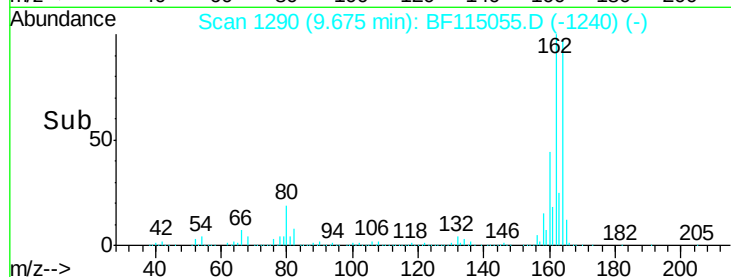
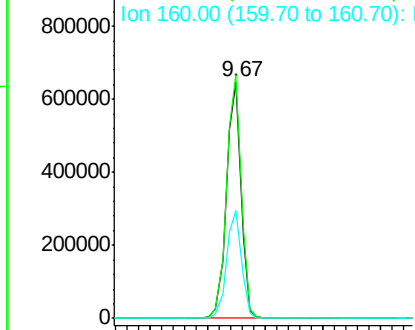
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF115055.D
Acq: 14 Jun 2019 22:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 569051
Ion Ratio Lower Upper
164 100
162 103.0 82.6 124.0
160 45.7 36.9 55.3

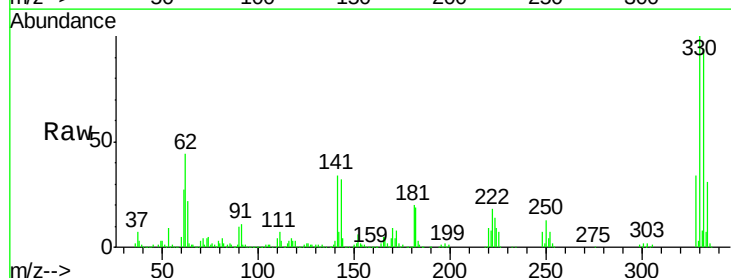


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

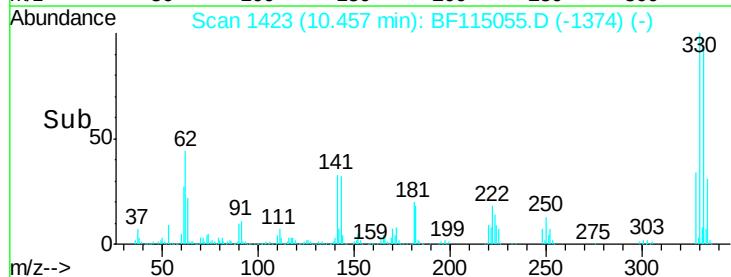
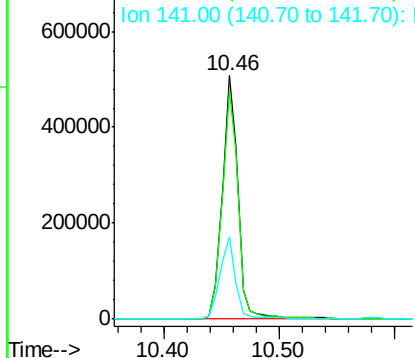


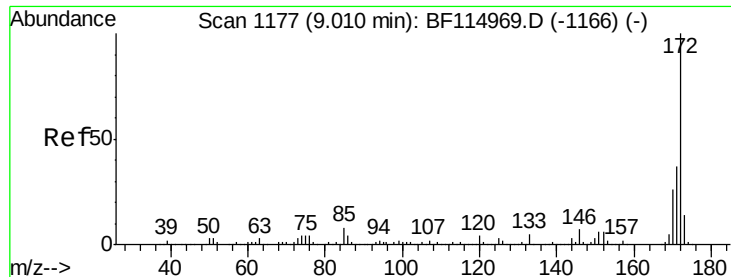
#42
2,4,6-Tribromophenol
Concen: 78.993 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF115055.D
Acq: 14 Jun 2019 22:10

Tgt Ion:330 Resp: 481366
Ion Ratio Lower Upper
330 100
332 96.6 77.6 116.4
141 33.7 27.2 40.8



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

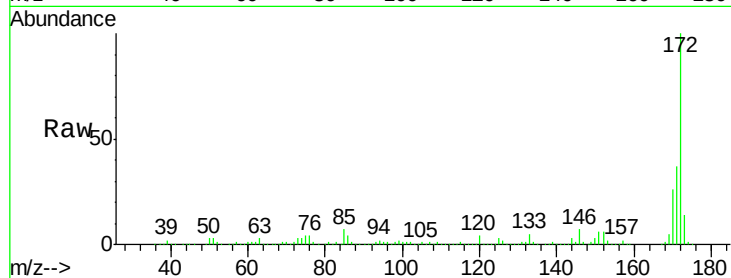




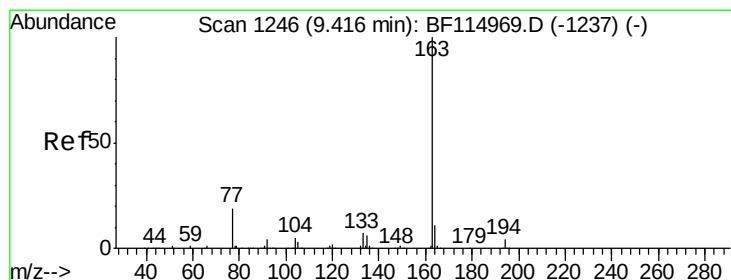
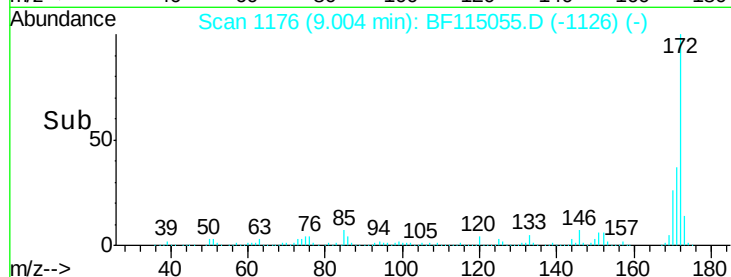
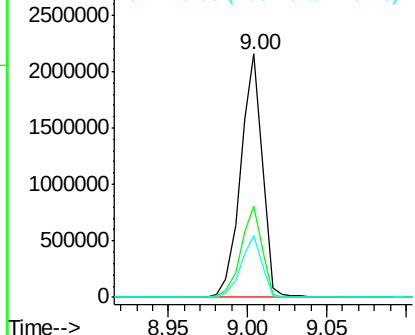
#45
2-Fluorobiphenyl
Concen: 60.590 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF115055.D
Acq: 14 Jun 2019 22:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 2034356
Ion Ratio Lower Upper
172 100
171 37.4 29.8 44.6
170 25.6 20.6 31.0

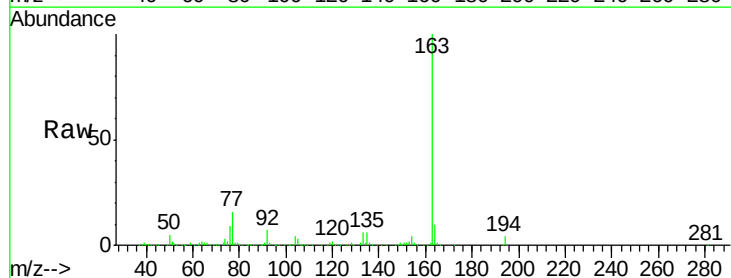


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

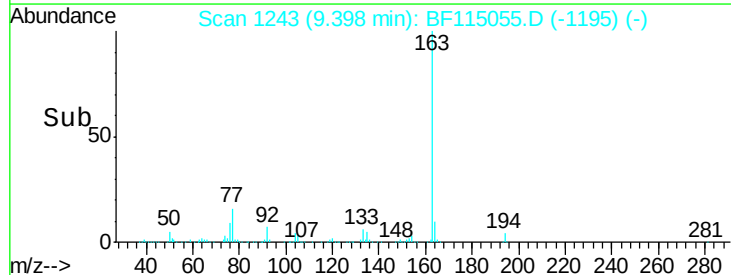
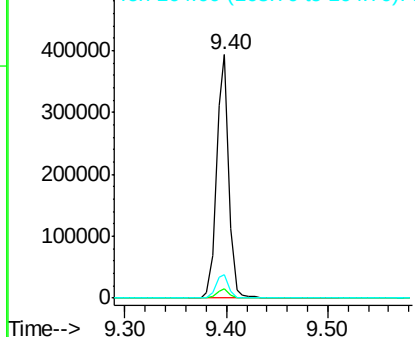


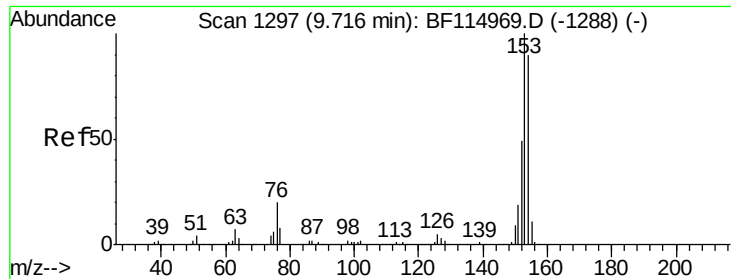
#50
Dimethylphthalate
Concen: 7.686 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BF115055.D
Acq: 14 Jun 2019 22:10

Tgt Ion:163 Resp: 328927
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.8 8.6 12.8



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





#52

Acenaphthene

Concen: 8.086 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF115055.D

Acq: 14 Jun 2019 22:10

Instrument :

BNA_F

ClientSampleId :

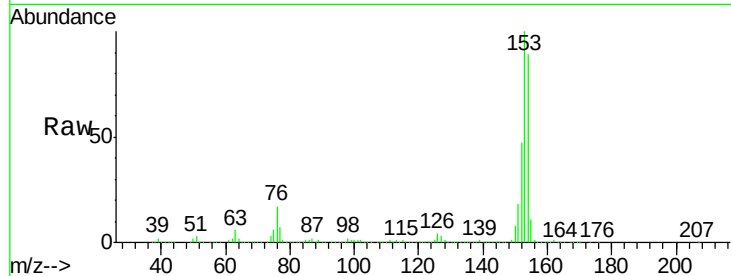
Tot Ion:154 Resp: 262296

Ion Ratio Lower Upper

154 100

153 112.2 88.5 132.7

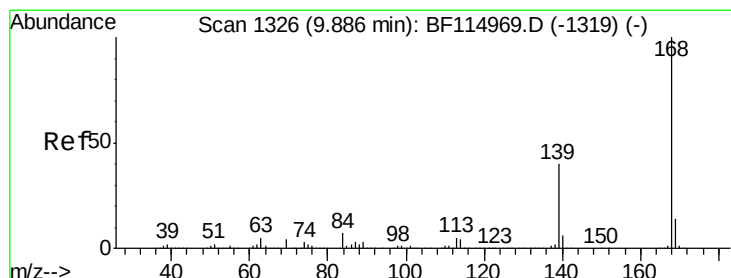
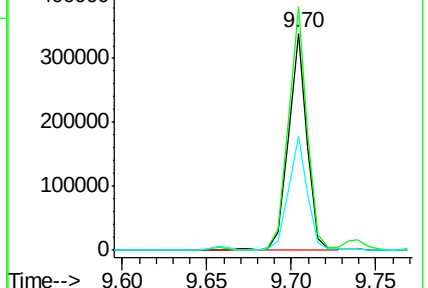
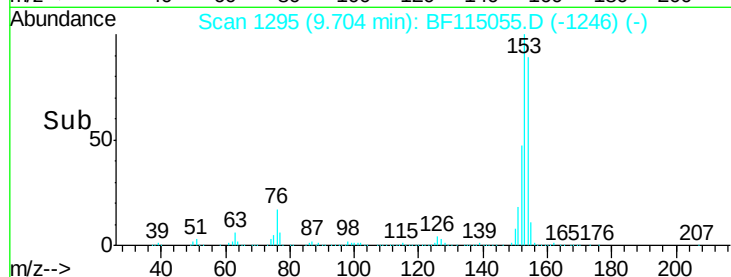
152 52.6 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#55

Dibenzofuran

Concen: 5.089 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF115055.D

Acq: 14 Jun 2019 22:10

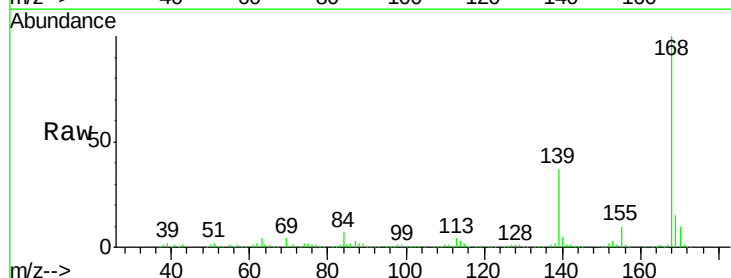
Tgt Ion:168 Resp: 248783

Ion Ratio Lower Upper

168 100

139 37.0 32.5 48.7

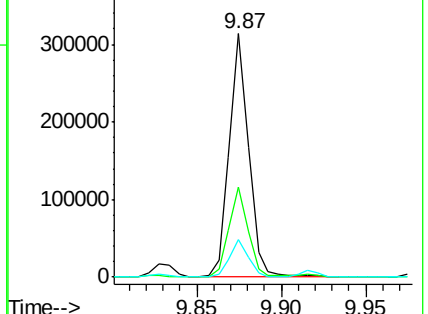
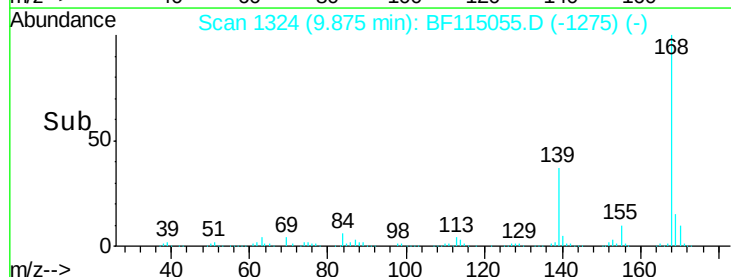
169 15.3 11.5 17.3

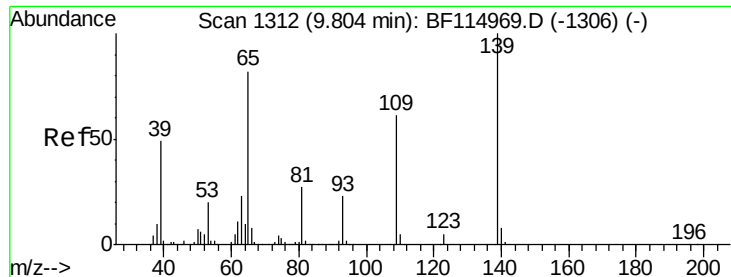


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

4-Nitrophenol

Concen: 11.293 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.07 min

Lab File: BF115055.D

Acq: 14 Jun 2019 22:10

Instrument :

BNA_F

ClientSampleId :

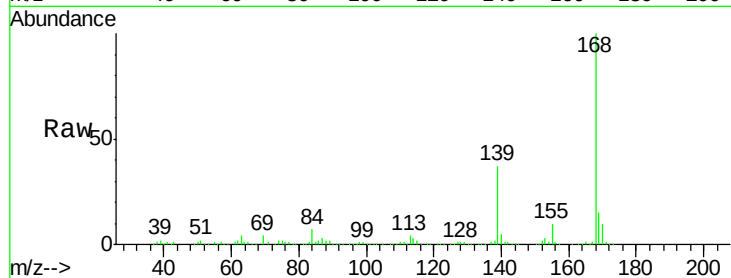
Tot Ion:139 Resp: 92621

Ion Ratio Lower Upper

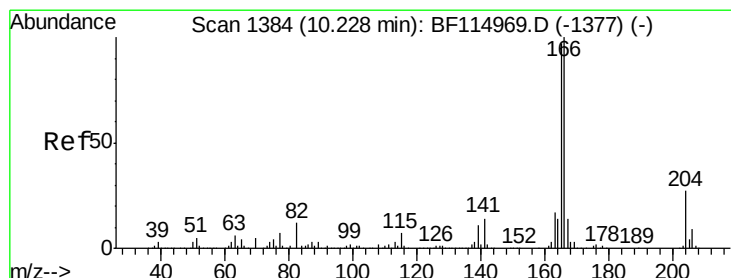
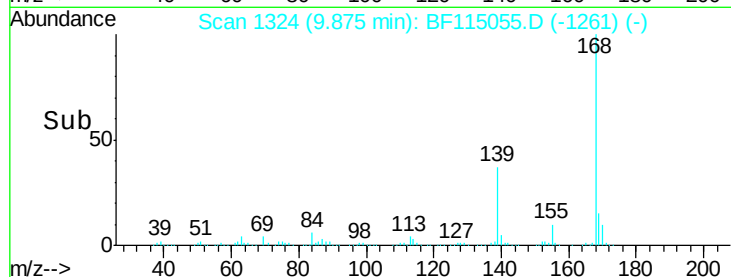
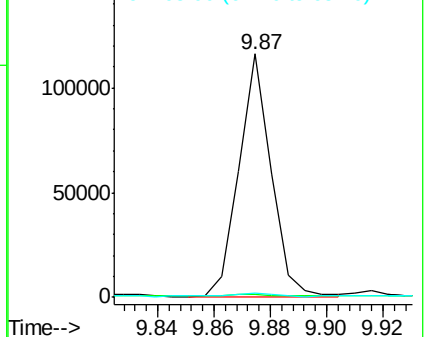
139 100

109 1.2 41.4 81.4#

65 2.0 62.7 102.7#



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: 4.231 ng

RT: 10.22 min Scan# 1382

Delta R.T. -0.01 min

Lab File: BF115055.D

Acq: 14 Jun 2019 22:10

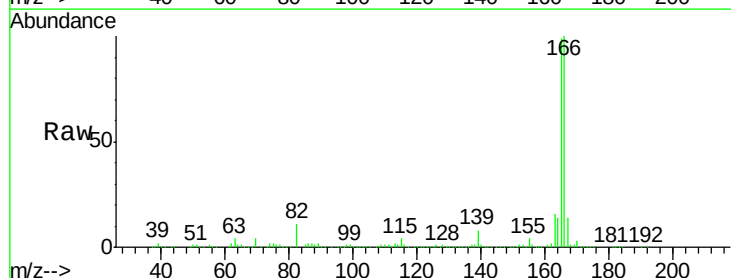
Tgt Ion:166 Resp: 368748

Ion Ratio Lower Upper

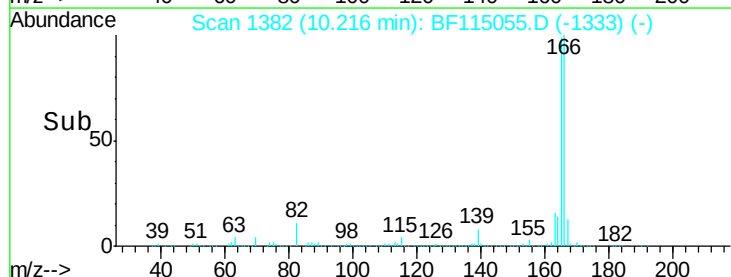
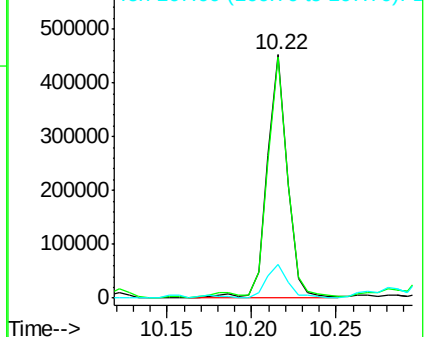
166 100

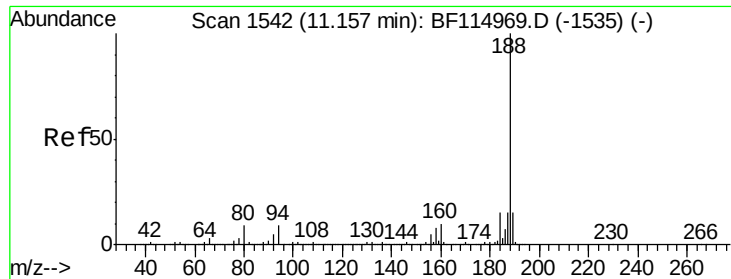
165 98.9 77.6 116.4

167 13.7 11.0 16.4



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: 11.15 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BF115055.D

Acq: 14 Jun 2019 22:10

Instrument :

BNA_F

ClientSampleId :

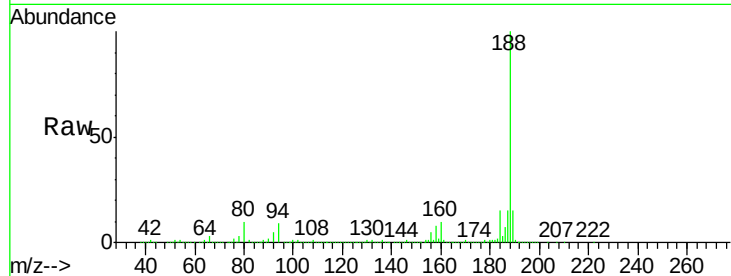
Tot Ion:188 Resp: 942894

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

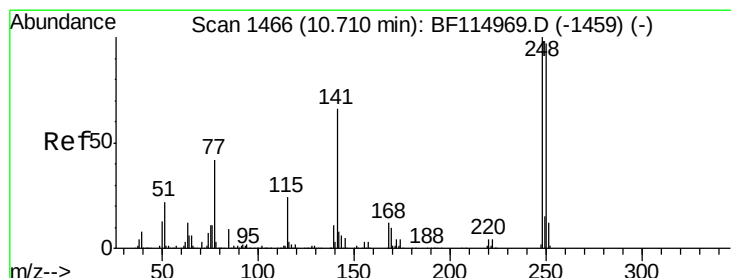
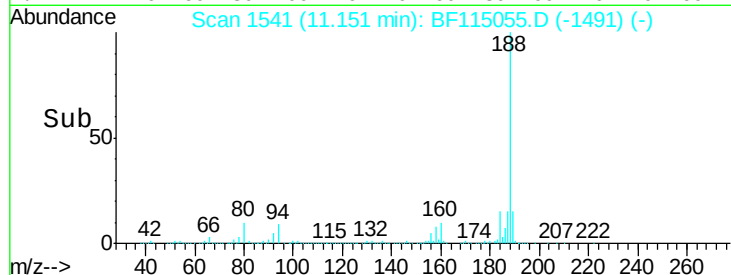
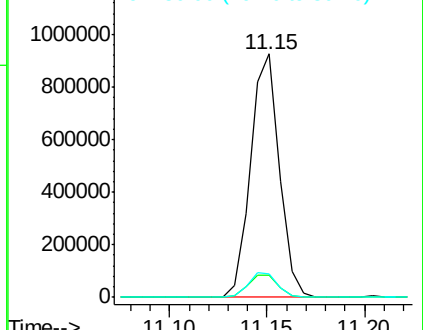
80 9.6 7.4 11.2



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



#67

4-Bromophenyl-phenylether

Concen: 3.060 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.25 min

Lab File: BF115055.D

Acq: 14 Jun 2019 22:10

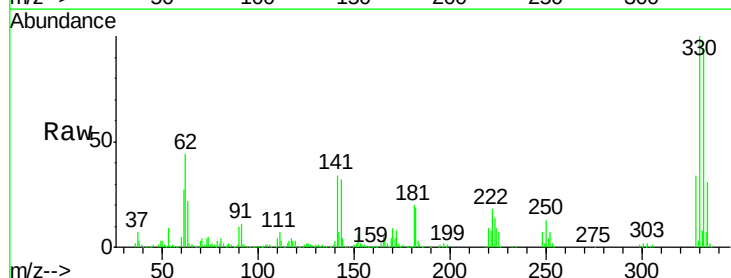
Tgt Ion:248 Resp: 30984

Ion Ratio Lower Upper

248 100

250 195.4 77.8 116.8#

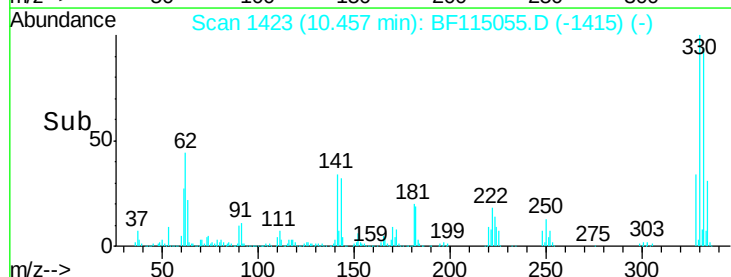
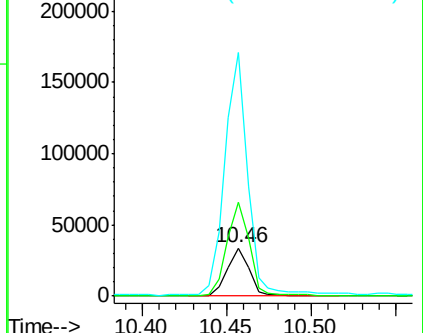
141 505.1 53.1 79.7#

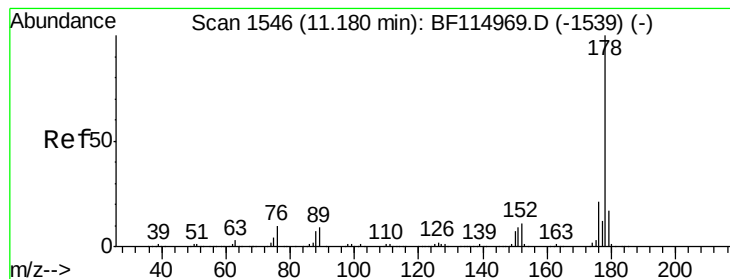


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#71

Phenanthrene

Concen: 61.640 ng

RT: 11.18 min Scan# 1546

Delta R.T. -0.00 min

Lab File: BF115055.D

Acq: 14 Jun 2019 22:10

Instrument :

BNA_F

ClientSampleId :

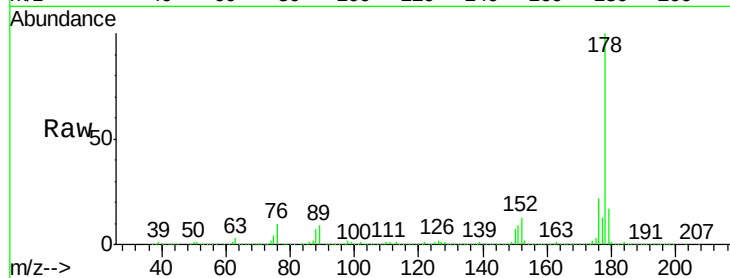
Tot Ion:178 Resp: 3000831

Ion	Ratio	Lower	Upper
178	100		
176	21.8	16.9	25.3
179	16.9	13.4	20.0

178 100

176 21.8 16.9 25.3

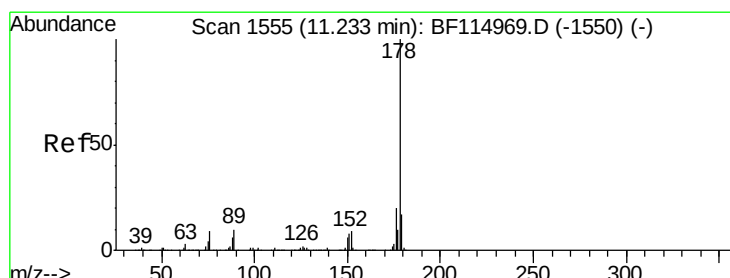
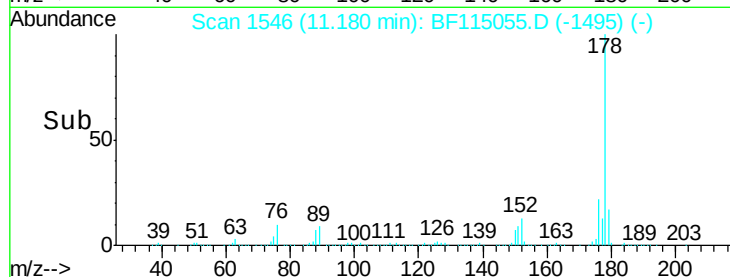
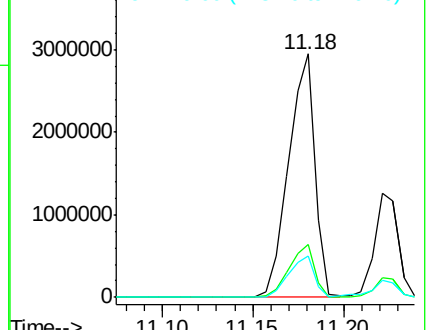
179 16.9 13.4 20.0



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: 22.809 ng

RT: 11.22 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BF115055.D

Acq: 14 Jun 2019 22:10

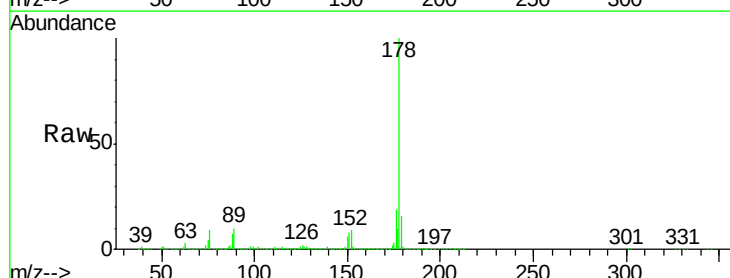
Tgt Ion:178 Resp: 1120227

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.2	24.4
179	16.2	13.2	19.8

178 100

176 19.1 16.2 24.4

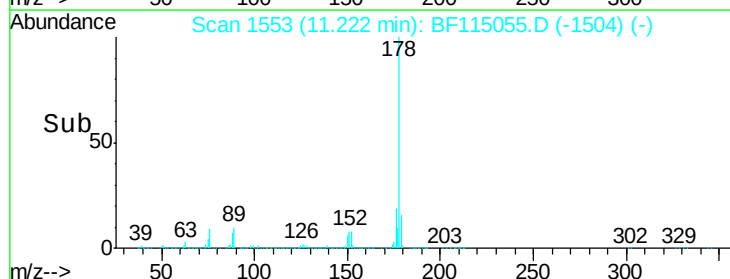
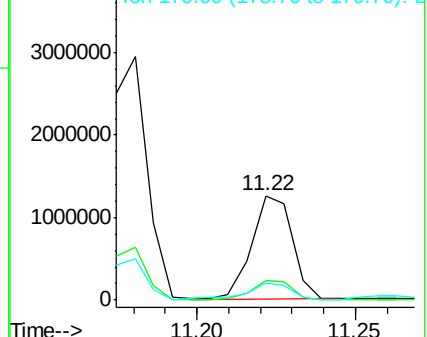
179 16.2 13.2 19.8

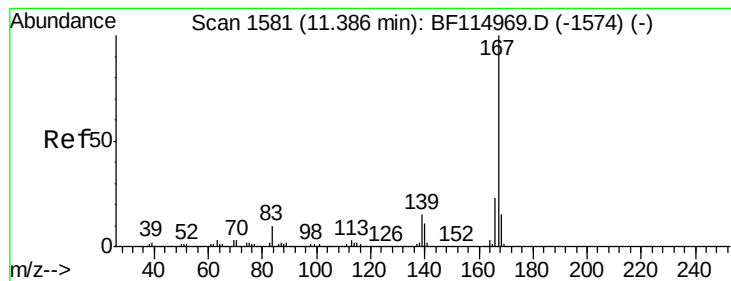


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 3.753 ng

RT: 11.37 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BF115055.D

Acq: 14 Jun 2019 22:10

Instrument :

BNA_F

ClientSampled :

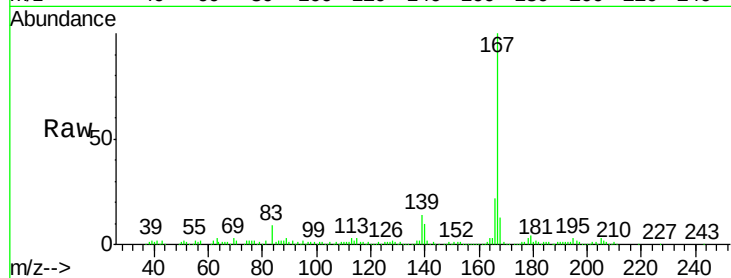
Tot Ion:167 Resp: 160873

Ion Ratio Lower Upper

167 100

166 22.4 18.5 27.7

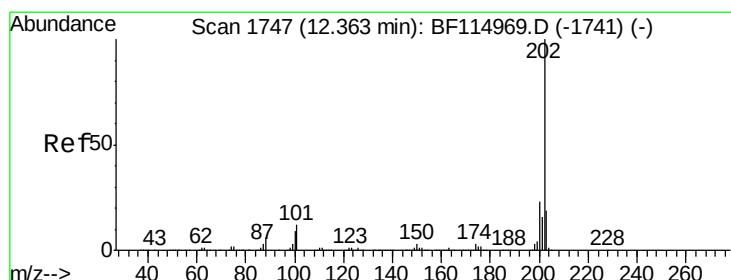
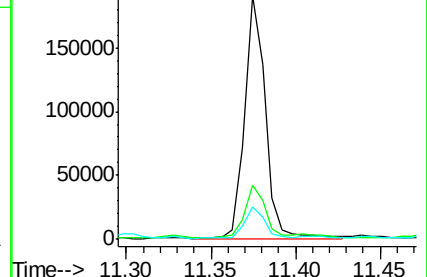
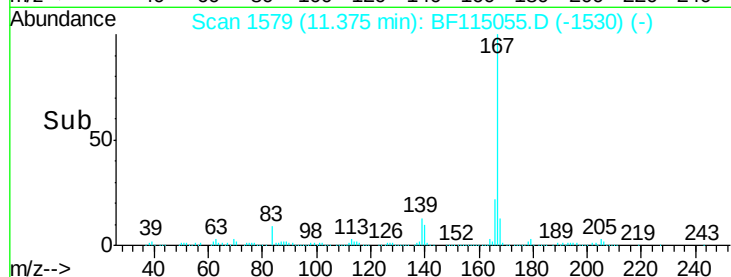
139 13.5 12.0 18.0



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: 68.169 ng

RT: 12.36 min Scan# 1747

Delta R.T. -0.00 min

Lab File: BF115055.D

Acq: 14 Jun 2019 22:10

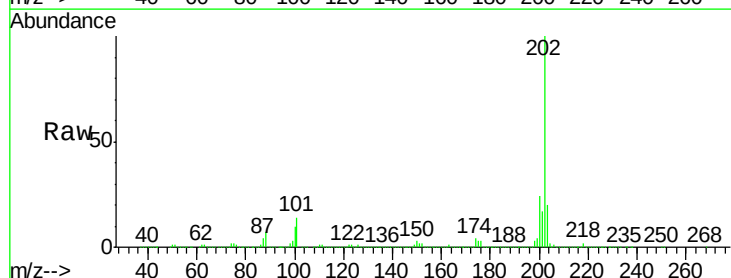
Tgt Ion:202 Resp: 3393477

Ion Ratio Lower Upper

202 100

101 14.0 0.0 32.4

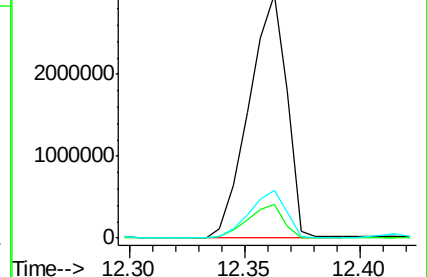
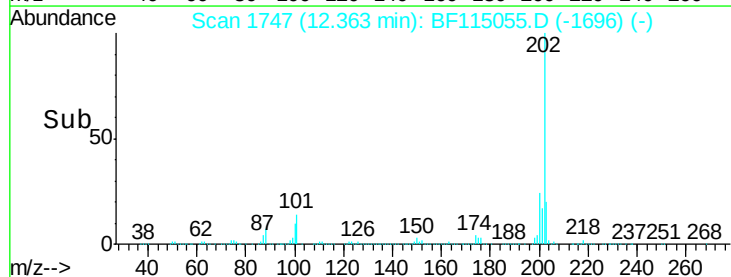
203 19.9 0.0 38.6

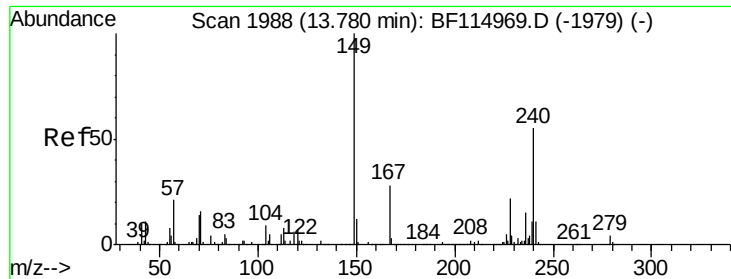


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

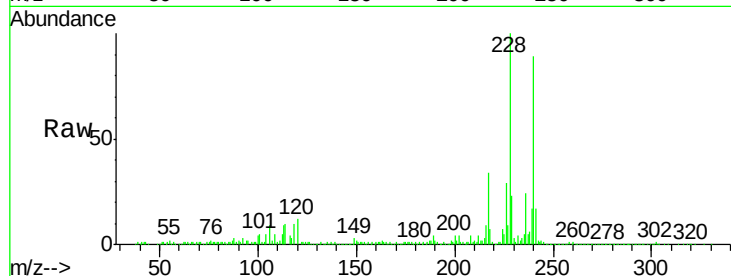




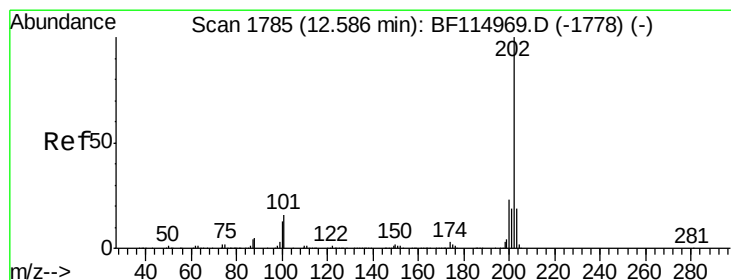
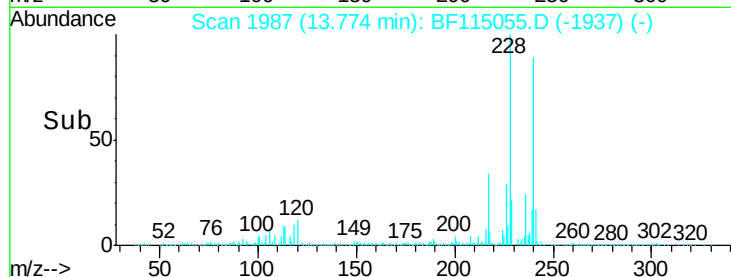
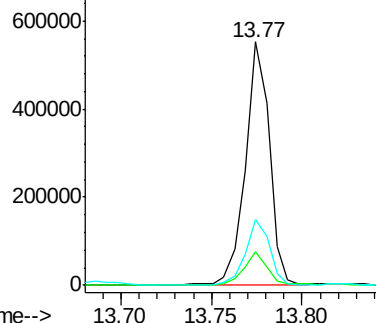
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF115055.D
Acq: 14 Jun 2019 22:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 504741
Ion Ratio Lower Upper
240 100
120 13.6 10.0 15.0
236 27.1 21.6 32.4

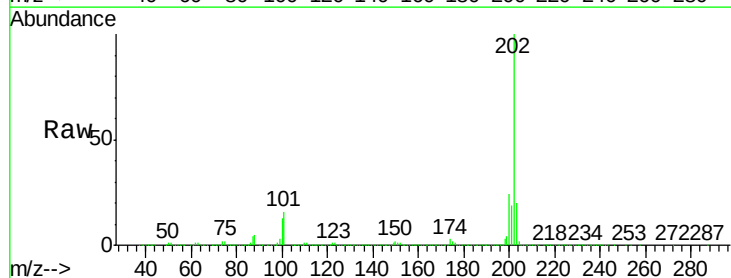


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

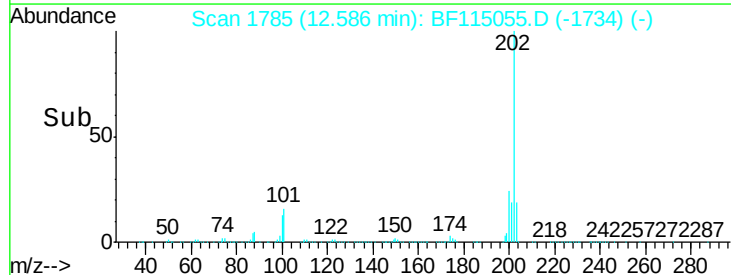
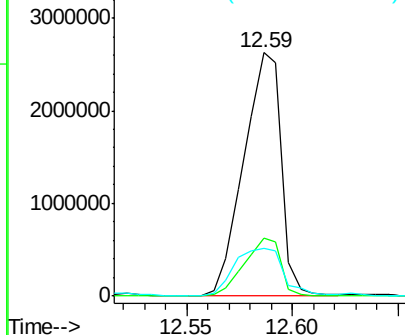


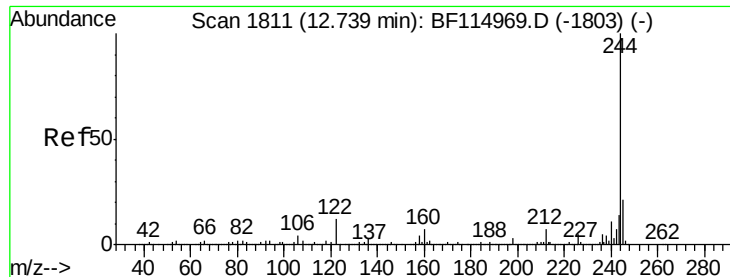
#78
Pyrene
Concen: 70.238 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BF115055.D
Acq: 14 Jun 2019 22:10

Tgt Ion:202 Resp: 3229621
Ion Ratio Lower Upper
202 100
200 23.7 18.4 27.6
203 19.8 14.9 22.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 53.085 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF115055.D

Acq: 14 Jun 2019 22:10

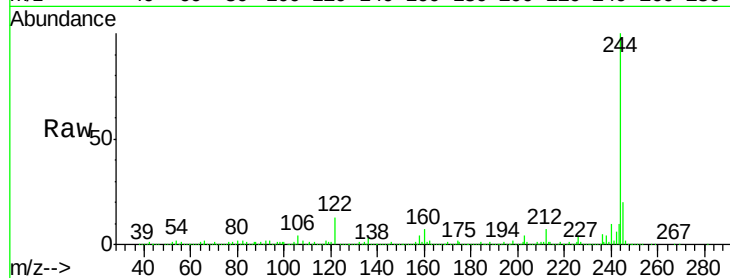
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1424554

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	12.8	9.4	14.0

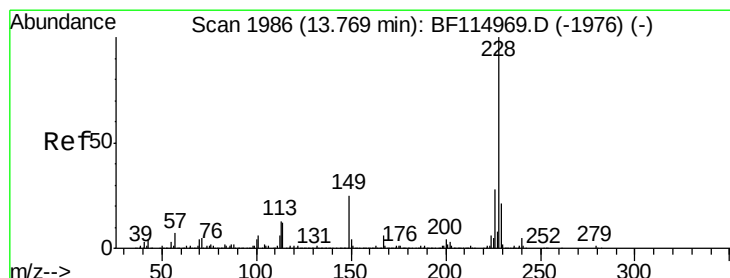
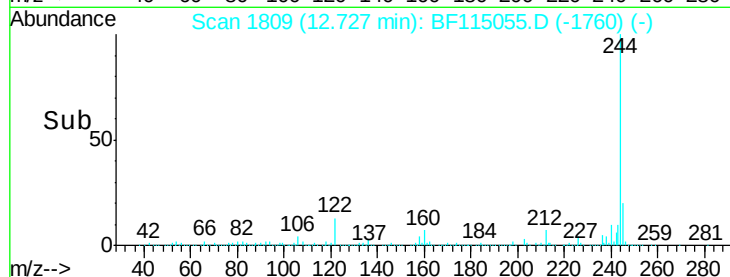
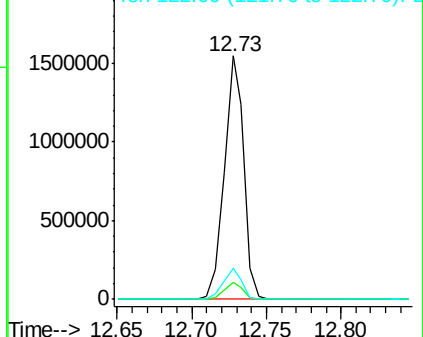


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 47.864 ng

RT: 13.77 min Scan# 1986

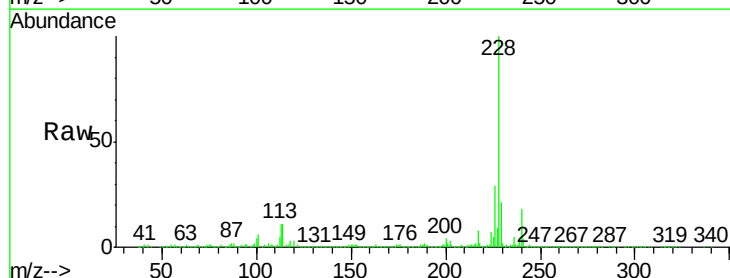
Delta R.T. -0.00 min

Lab File: BF115055.D

Acq: 14 Jun 2019 22:10

Tgt Ion:228 Resp: 1807872

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.0	33.0
229	21.4	16.6	25.0

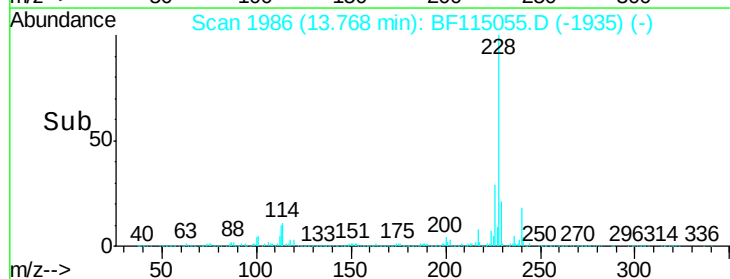
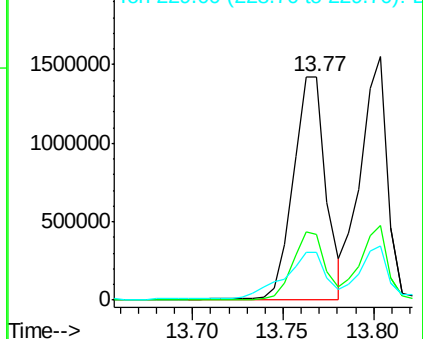


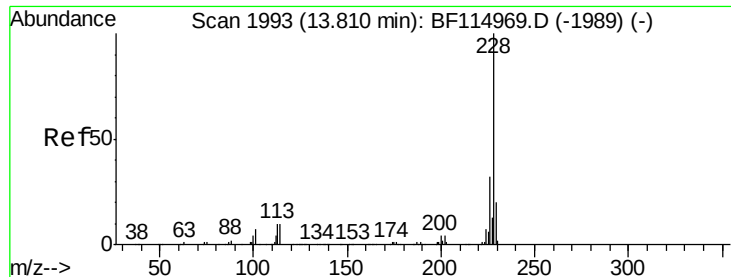
Abundance

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

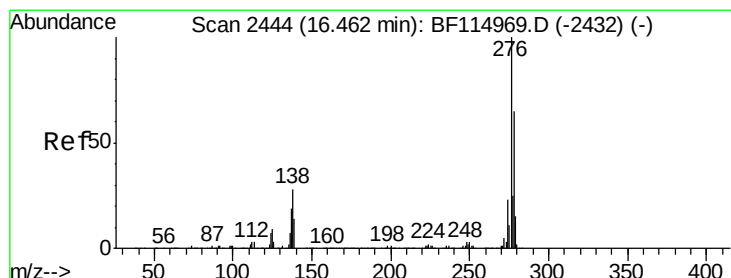
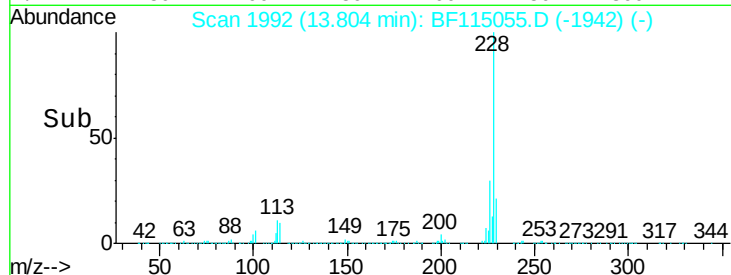
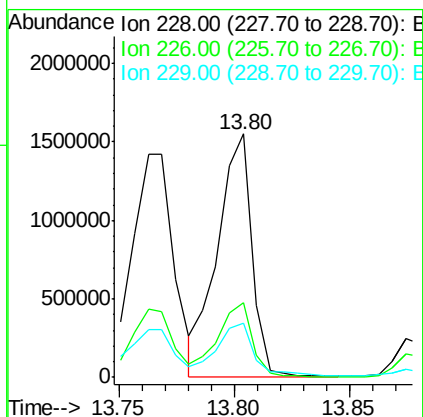
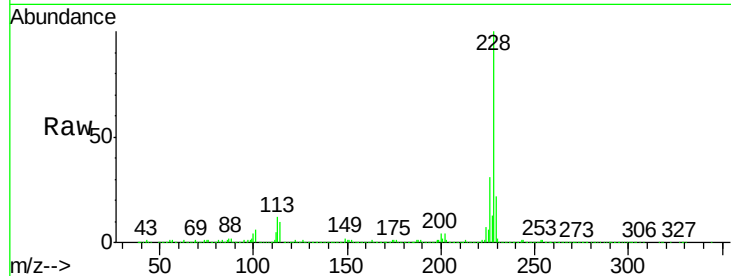




#83
Chrysene
Concen: 42.777 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF115055.D
Acq: 14 Jun 2019 22:10

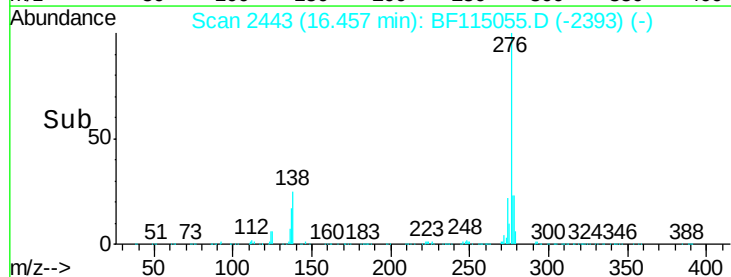
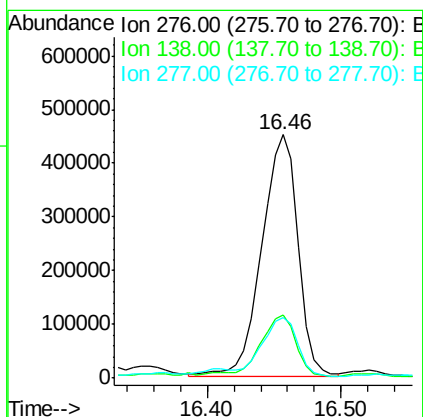
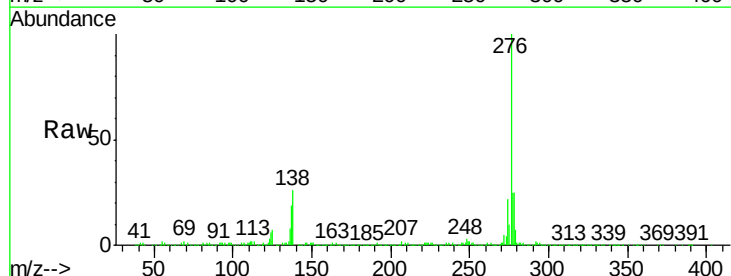
Instrument :
BNA_F
ClientSampleId :

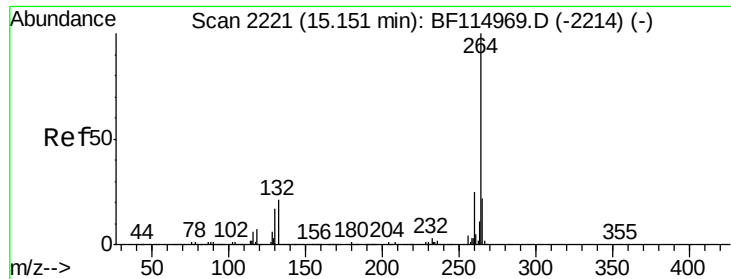
Tot Ion:228 Resp: 1606695
Ion Ratio Lower Upper
228 100
226 30.7 25.4 38.0
229 22.2 16.4 24.6



#86
Indeno(1,2,3-cd)pyrene
Concen: 25.817 ng
RT: 16.46 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BF115055.D
Acq: 14 Jun 2019 22:10

Tgt Ion:276 Resp: 851762
Ion Ratio Lower Upper
276 100
138 26.2 23.0 34.4
277 23.7 20.6 30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.15 min Scan# 2221

Delta R.T. -0.00 min

Lab File: BF115055.D

Acq: 14 Jun 2019 22:10

Instrument :

BNA_F

ClientSampleId :

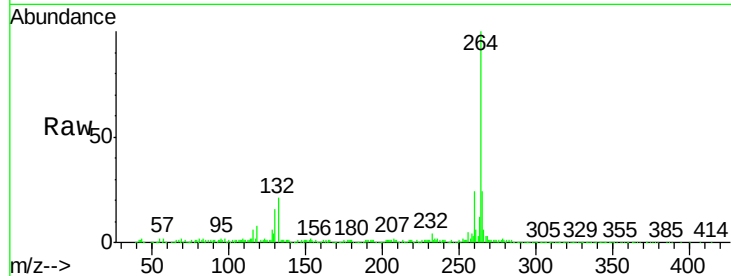
Tot Ion:264 Resp: 576419

Ion Ratio Lower Upper

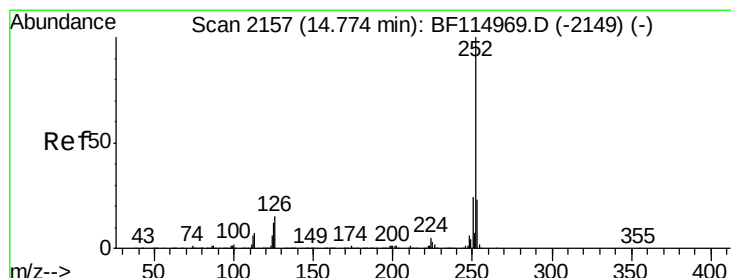
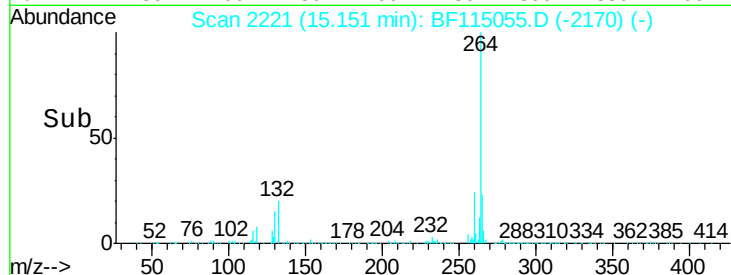
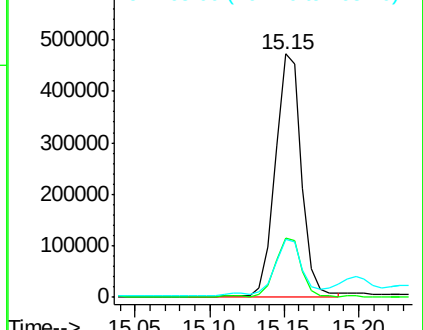
264 100

260 24.5 19.9 29.9

265 23.7 17.6 26.4



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: 68.990 ng

RT: 14.77 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BF115055.D

Acq: 14 Jun 2019 22:10

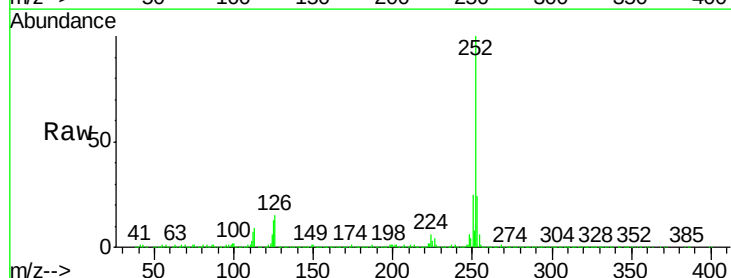
Tgt Ion:252 Resp: 2643578

Ion Ratio Lower Upper

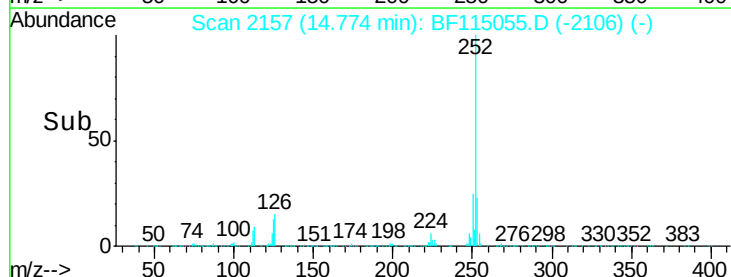
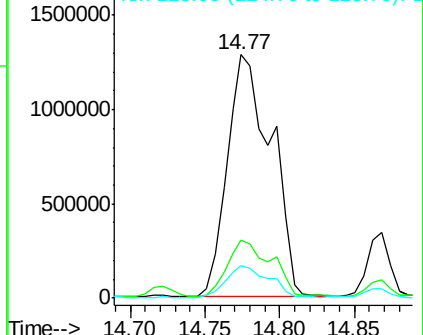
252 100

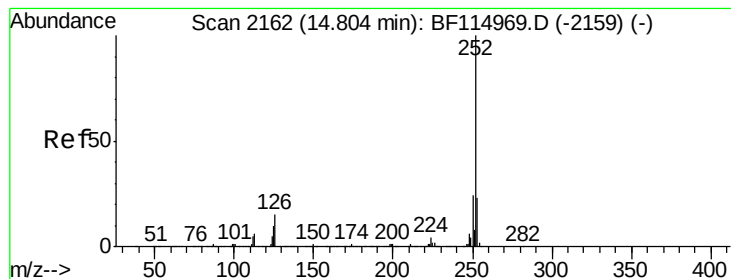
253 23.7 18.1 27.1

125 13.2 9.4 14.0



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: 78.600 ng

RT: 14.77 min Scan# 2157

Delta R.T. -0.03 min

Lab File: BF115055.D

Acq: 14 Jun 2019 22:10

Instrument :

BNA_F

ClientSampleId :

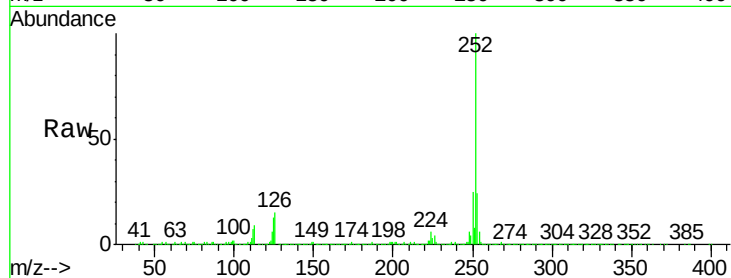
Tot Ion:252 Resp: 2643578

Ion Ratio Lower Upper

252 100

253 23.7 18.0 27.0

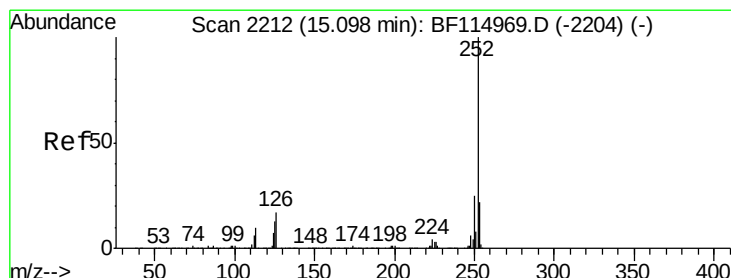
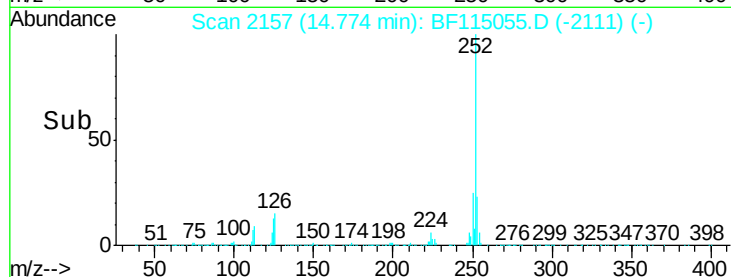
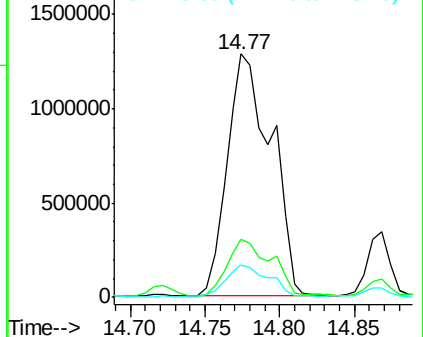
125 13.2 8.2 12.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 46.339 ng

RT: 15.10 min Scan# 2213

Delta R.T. 0.01 min

Lab File: BF115055.D

Acq: 14 Jun 2019 22:10

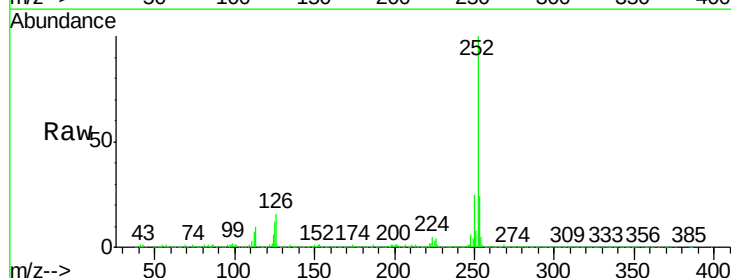
Tgt Ion:252 Resp: 1532197

Ion Ratio Lower Upper

252 100

253 23.8 17.8 26.8

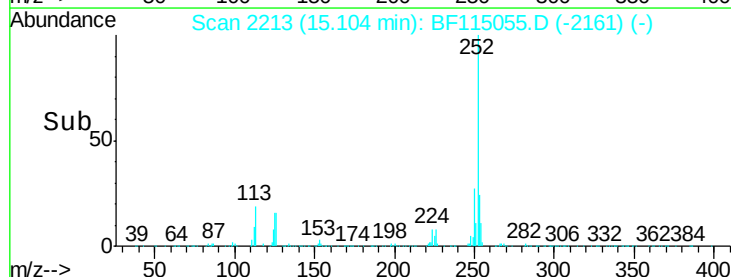
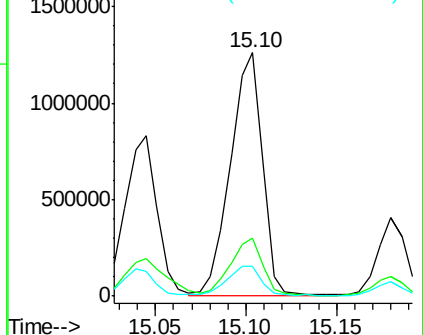
125 12.5 10.7 16.1

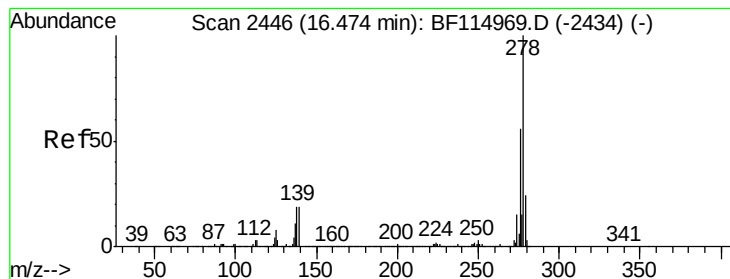


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 7.599 ng

RT: 16.46 min Scan# 2444

Delta R.T. -0.01 min

Lab File: BF115055.D

Acq: 14 Jun 2019 22:10

Instrument :

BNA_F

ClientSampleId :

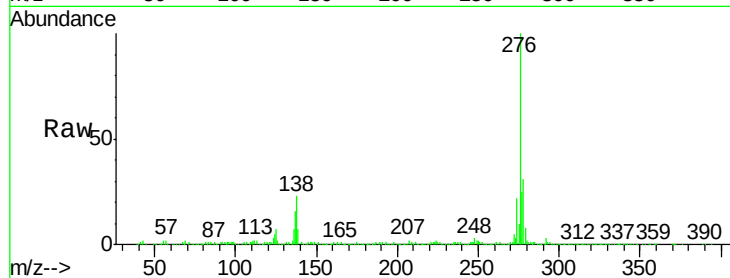
Tot Ion:278 Resp: 216389

Ion Ratio Lower Upper

278 100

139 22.3 15.3 22.9

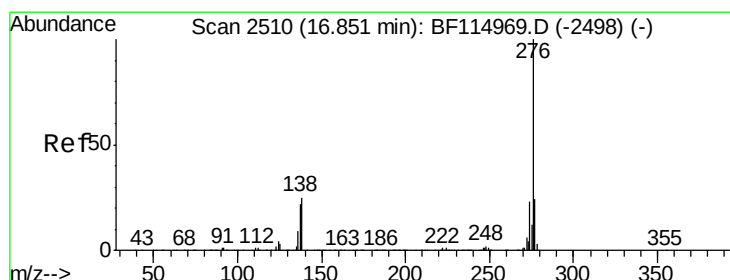
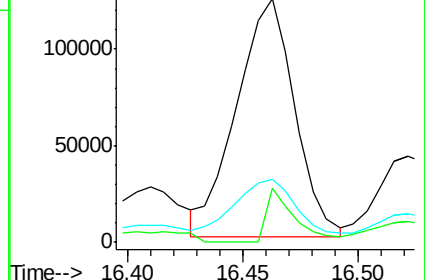
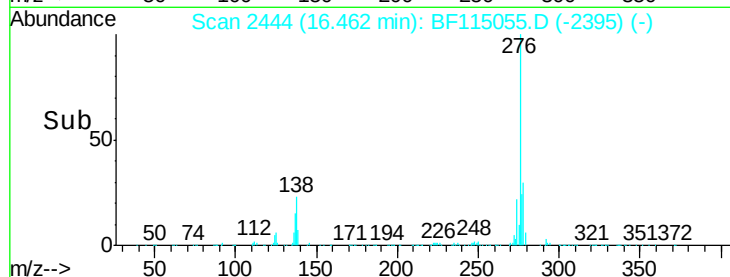
279 25.8 19.2 28.8



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: 26.739 ng

RT: 16.84 min Scan# 2509

Delta R.T. -0.01 min

Lab File: BF115055.D

Acq: 14 Jun 2019 22:10

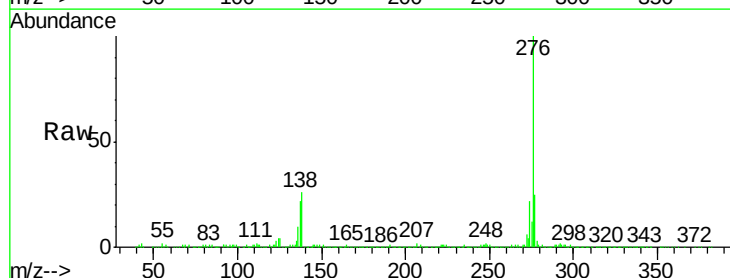
Tgt Ion:276 Resp: 776502

Ion Ratio Lower Upper

276 100

277 24.6 18.8 28.2

138 25.6 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

