

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
 Data File : BF115175.D
 Acq On : 25 Jun 2019 3:54
 Operator : HP/JU
 Sample : K3482-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Jun 25 07:46:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	280115	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1069664	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	524767	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	944711	20.00	ng	0.00
76) Chrysene-d12	13.74	240	530961	20.00	ng	0.00
87) Perylene-d12	15.11	264	549992	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1175477	64.76	ng	0.00
7) Phenol-d6	6.25	99	1468542	66.65	ng	0.00
23) Nitrobenzene-d5	7.17	82	858895	49.39	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	338228	61.12	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	1281913	41.49	ng	-0.01
79) Terphenyl-d14	12.70	244	1079510	43.23	ng	-0.01

Target Compounds

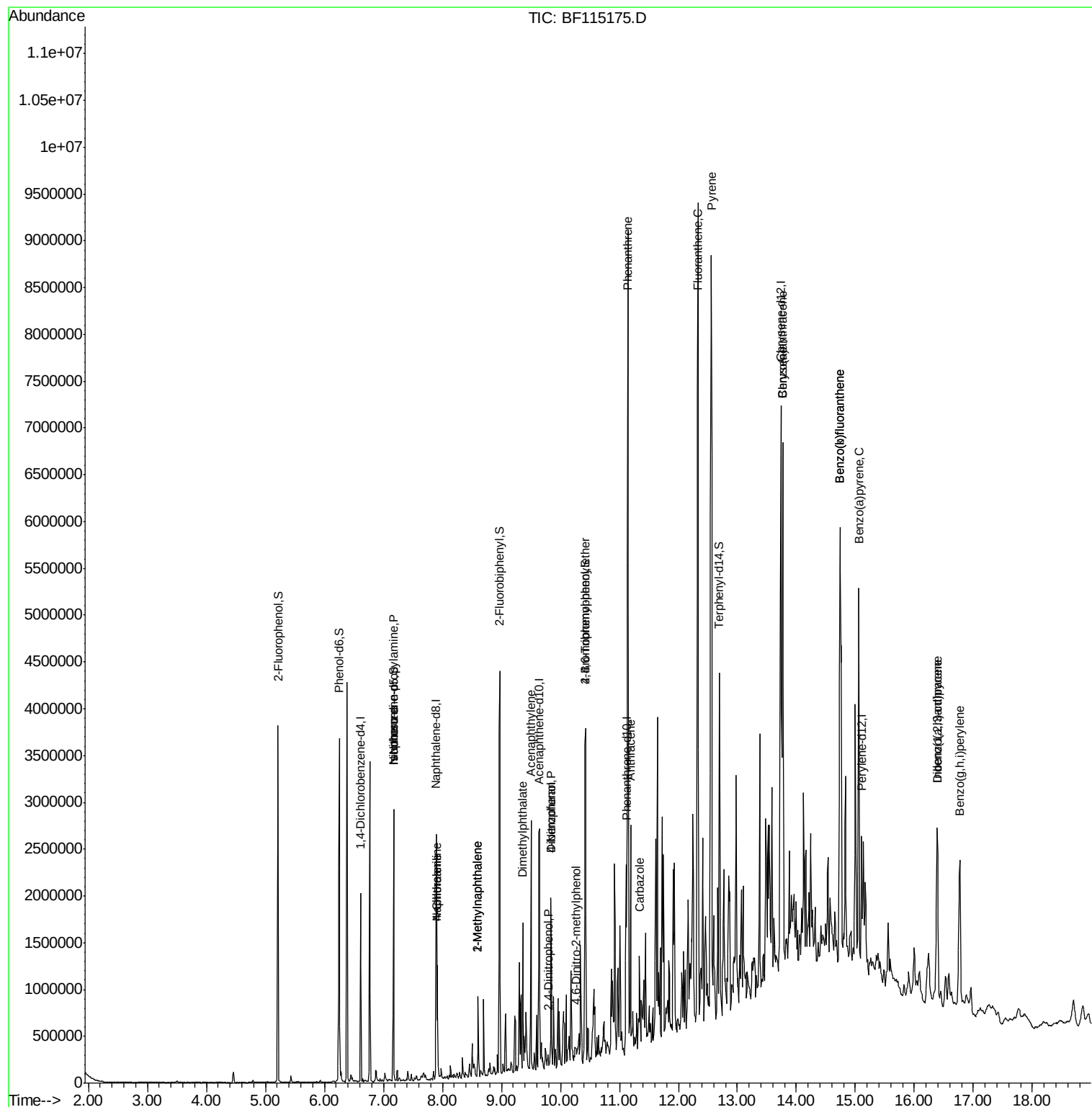
						Qvalue
19) n-Nitroso-di-n-propylamine	7.17	70	113981	8.081	ng	# 77
25) Isophorone	7.17	82	840494	23.595	ng	# 63
31) Naphthalene	7.91	128	468350	8.920	ng	# 98
33) 4-Chloroaniline	7.91	127	61832	2.577	ng	# 34
37) 2-Methylnaphthalene	8.60	142	225462	6.368	ng	# 97
38) 1-Methylnaphthalene	8.60	142	225462	6.668	ng	# 97
49) Acenaphthylene	9.50	152	1014368	19.115	ng	# 99
50) Dimethylphthalate	9.37	163	459719	11.907	ng	# 99
54) 2,4-Dinitrophenol	9.80	184	248	7.393	ng	# 1
55) Dibenzofuran	9.84	168	486069	10.199	ng	# 96
56) 4-Nitrophenol	9.84	139	183028	20.989	ng	# 13
58) Fluorene	10.18	166	170083	Below Cal		# 93
61) 4-Chlorophenyl-phenylether	10.20	204	130	Below Cal		# 1
65) 4,6-Dinitro-2-methylphenol	10.26	198	863	5.114	ng	# 1
67) 4-Bromophenyl-phenylether	10.42	248	21072	2.057	ng	# 1
71) Phenanthrene	11.15	178	4090422	80.418	ng	# 97
72) Anthracene	11.19	178	816147	15.896	ng	# 99
73) Carbazole	11.34	167	382351	8.339	ng	# 98
75) Fluoranthene	12.34	202	4974958	98.029	ng	# 97
78) Pyrene	12.56	202	4788104	117.342	ng	# 94
81) Benzo(a)anthracene	13.77	228	2379077	62.446	ng	# 92
83) Chrysene	13.77	228	2379077	68.171	ng	# 96
86) Indeno(1,2,3-cd)pyrene	16.39	276	1171795	28.376	ng	# 95
88) Benzo(b)fluoranthene	14.74	252	3822510	111.385	ng	# 96
89) Benzo(k)fluoranthene	14.74	252	3822510	124.205	ng	# 99
90) Benzo(a)pyrene	15.06	252	1935457	62.573	ng	# 98
91) Dibenzo(a,h)anthracene	16.39	278	268433	9.296	ng	# 96
92) Benzo(g,h,i)perylene	16.77	276	1243423	42.545	ng	# 99

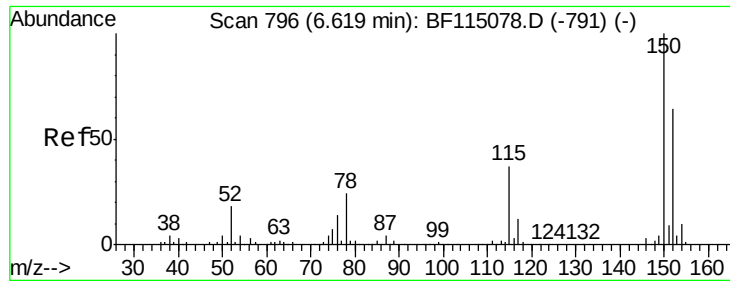
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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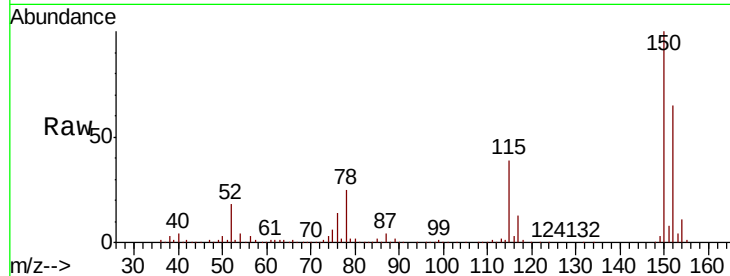


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115175.D
Acq: 25 Jun 2019 3:54

Instrument :
BNA_F
ClientSampleId :
TP-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.2	186.2
115	59.7	46.1	69.1

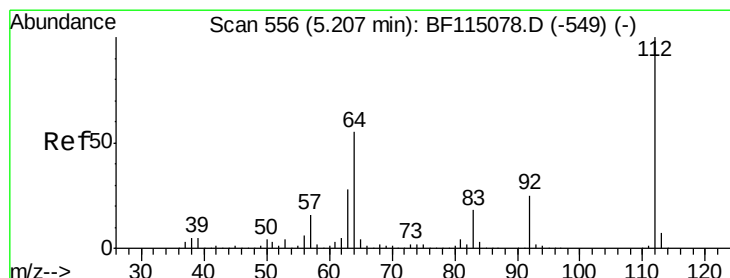
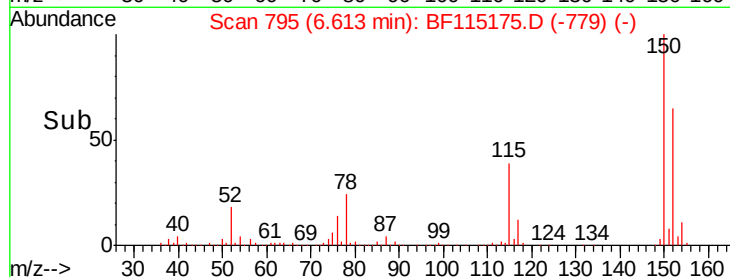
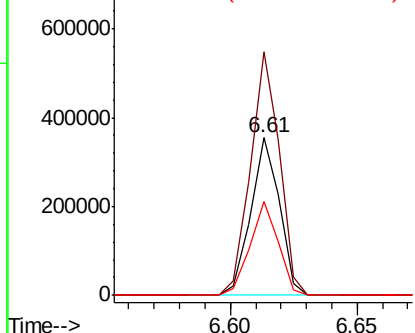


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

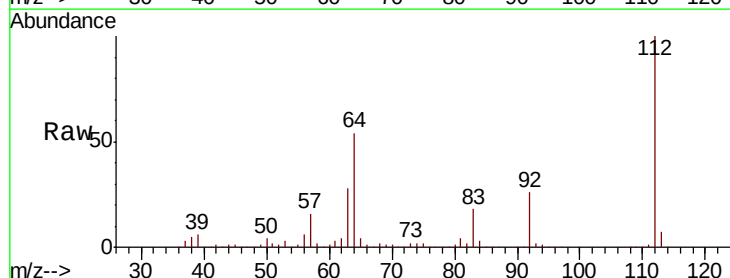
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 64.758 ng
RT: 5.21 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF115175.D
Acq: 25 Jun 2019 3:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.4	43.8	65.6
63	27.7	22.2	33.4

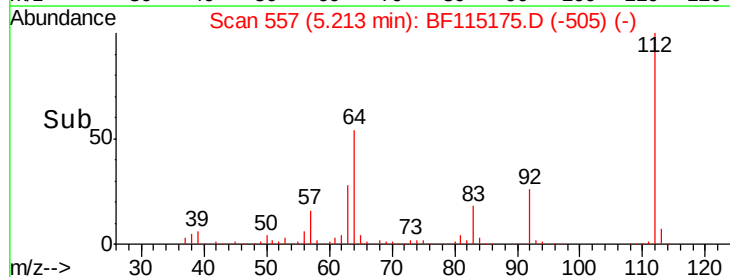
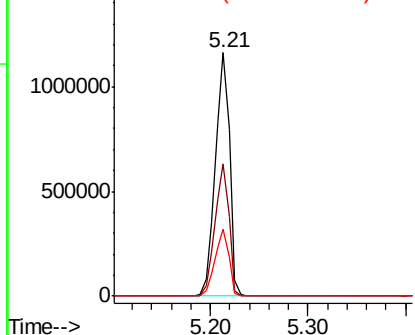


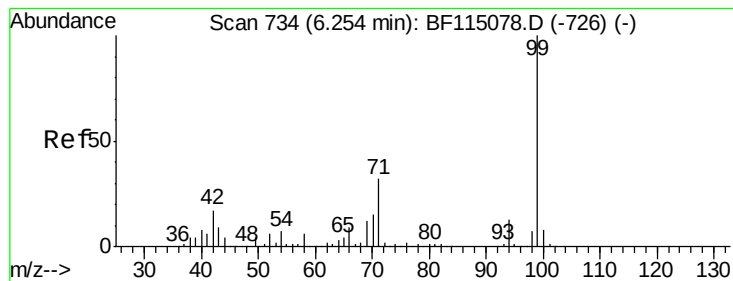
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 66.655 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115175.D

Acq: 25 Jun 2019 3:54

Instrument :

BNA_F

ClientSampleId :

TP-4

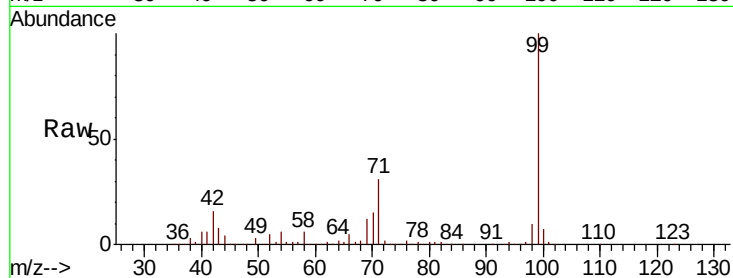
Tot Ion: 99 Resp: 1468542

Ion Ratio Lower Upper

99 100

42 15.9 13.6 20.4

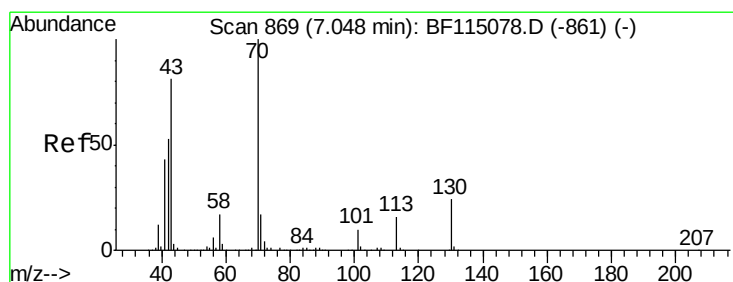
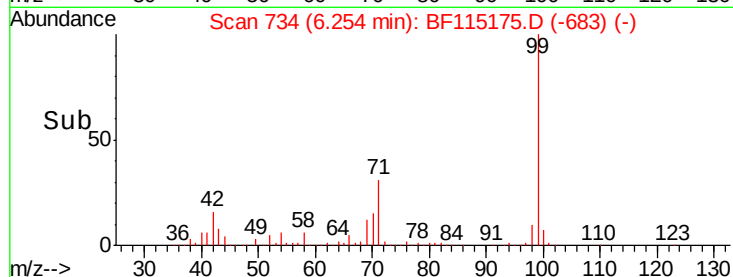
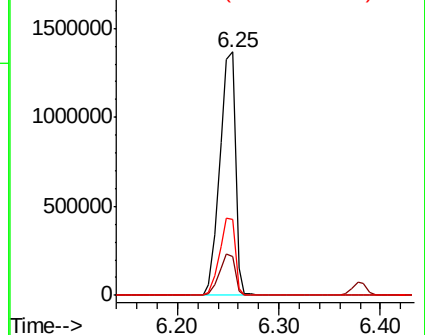
71 31.2 25.5 38.3



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: 8.081 ng

RT: 7.17 min Scan# 890

Delta R.T. 0.12 min

Lab File: BF115175.D

Acq: 25 Jun 2019 3:54

Tgt Ion: 70 Resp: 113981

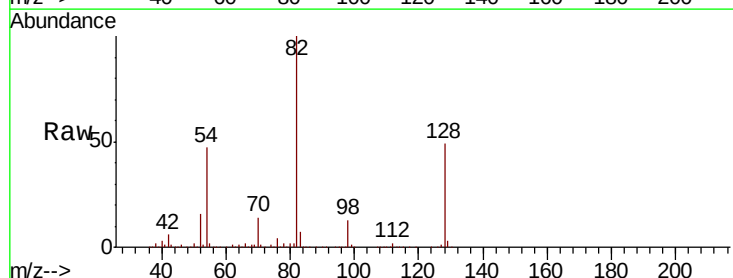
Ion Ratio Lower Upper

70 100

42 44.7 42.6 63.8

101 0.0 8.0 12.0#

130 2.3 19.4 29.0#

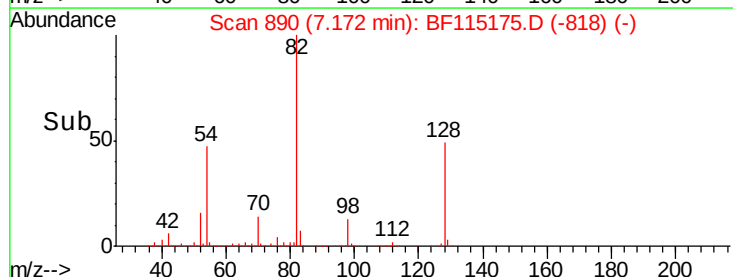
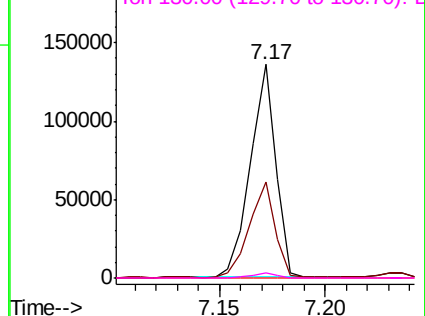


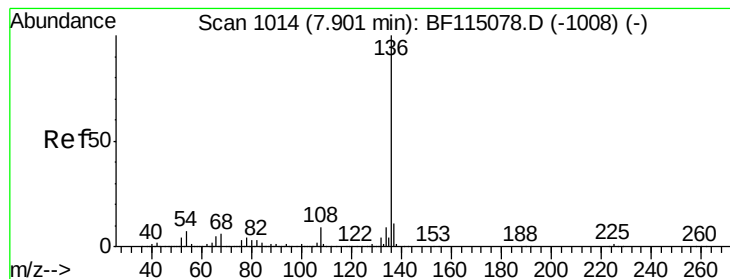
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 7.90 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF115175.D

Acq: 25 Jun 2019 3:54

Instrument :

BNA_F

ClientSampleId :

TP-4

Tot Ion:136 Resp: 1069664

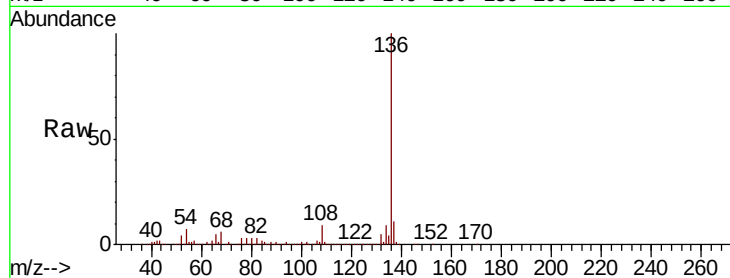
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.6 5.6 8.4

68 5.8 4.8 7.2

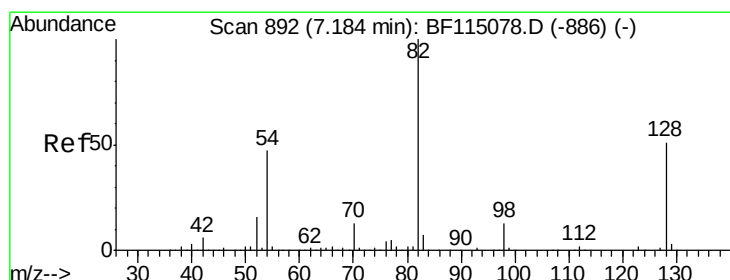
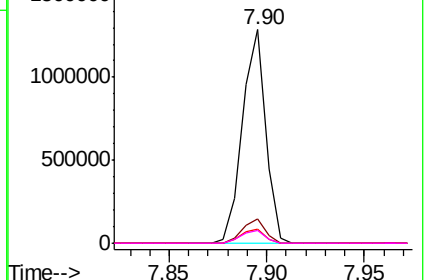
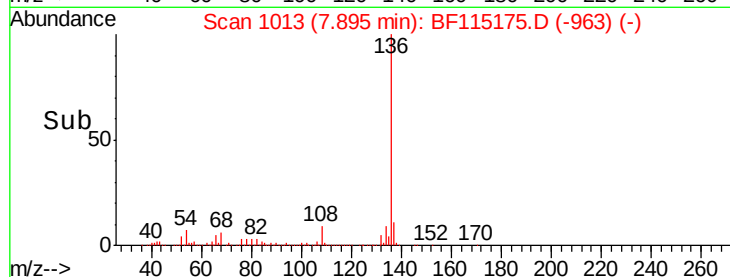


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 49.394 ng

RT: 7.17 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF115175.D

Acq: 25 Jun 2019 3:54

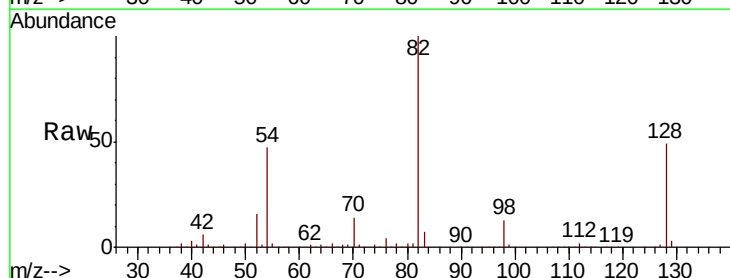
Tgt Ion: 82 Resp: 858895

Ion Ratio Lower Upper

82 100

128 49.3 40.4 60.6

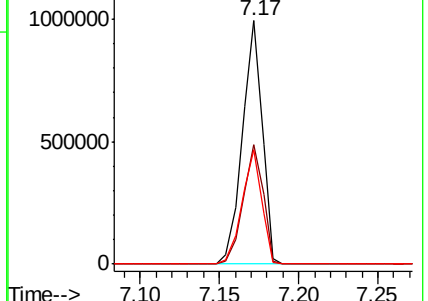
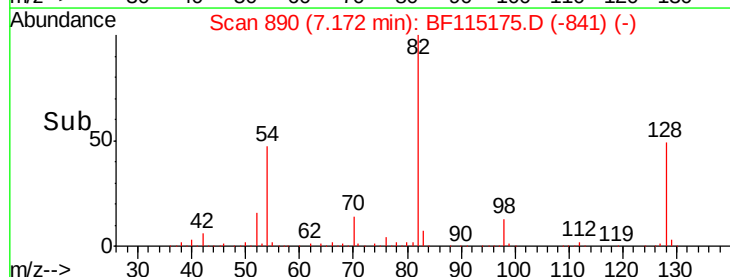
54 47.1 37.5 56.3

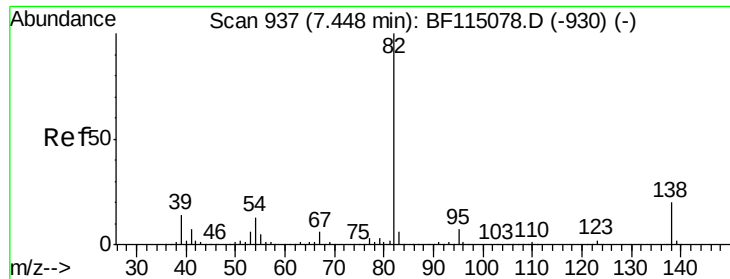


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 23.595 ng

RT: 7.17 min Scan# 890

Delta R.T. -0.28 min

Lab File: BF115175.D

Acq: 25 Jun 2019 3:54

Instrument :

BNA_F

ClientSampleId :

TP-4

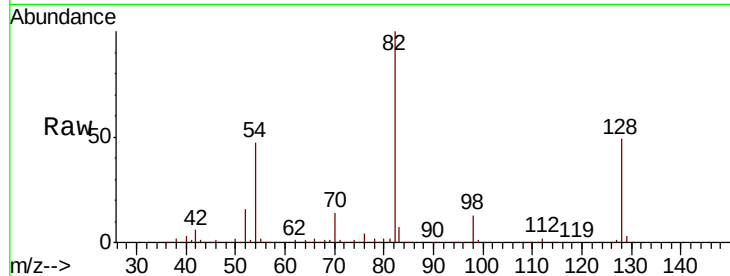
Tot Ion: 82 Resp: 840494

Ion Ratio Lower Upper

82 100

95 0.1 5.4 8.2#

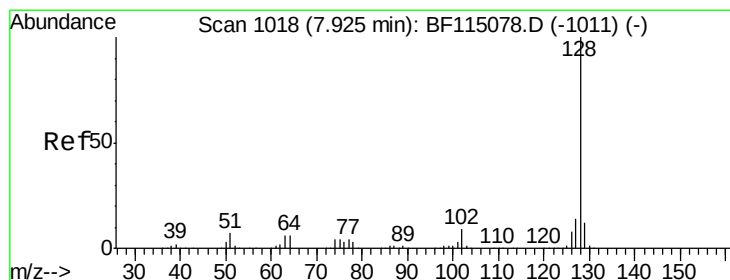
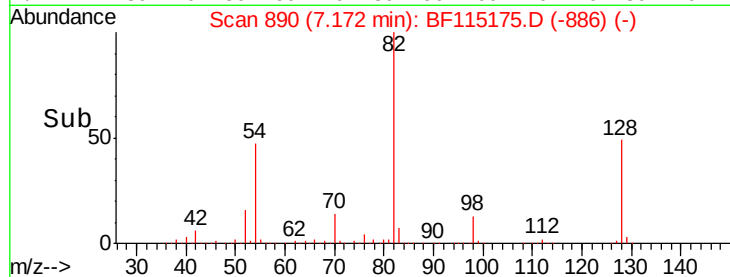
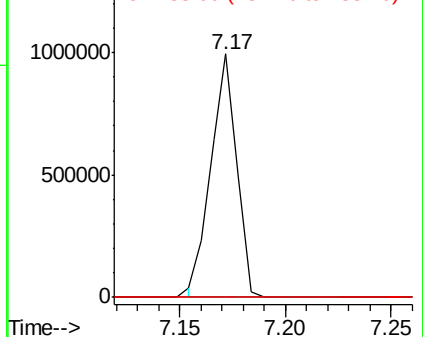
138 0.0 15.9 23.9#



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: 8.920 ng

RT: 7.91 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF115175.D

Acq: 25 Jun 2019 3:54

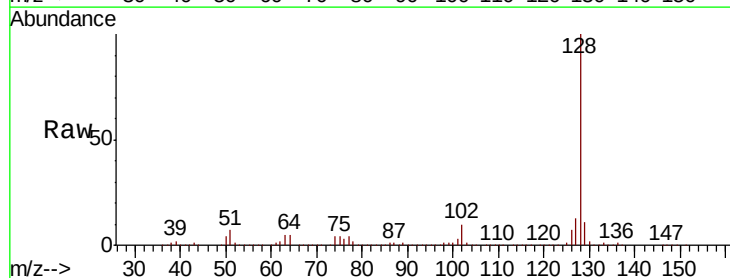
Tgt Ion: 128 Resp: 468350

Ion Ratio Lower Upper

128 100

129 11.1 9.6 14.4

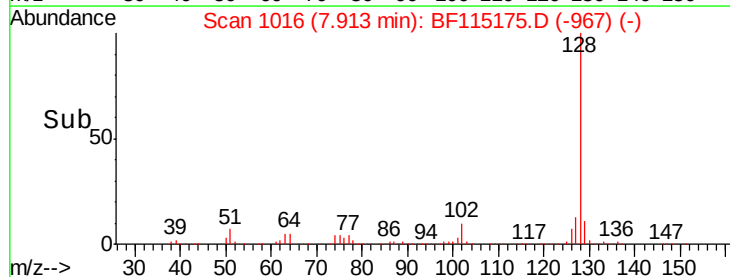
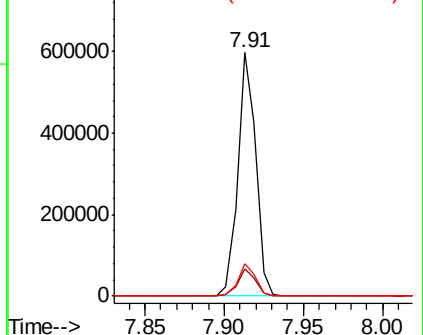
127 13.2 11.4 17.0

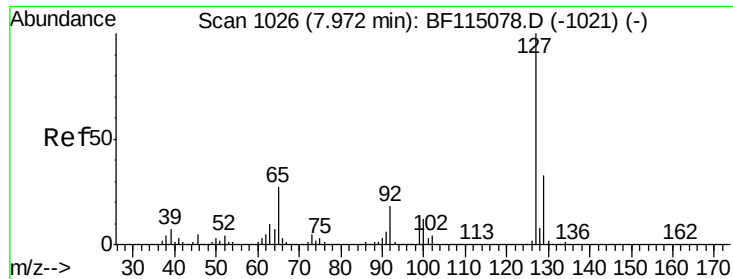


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

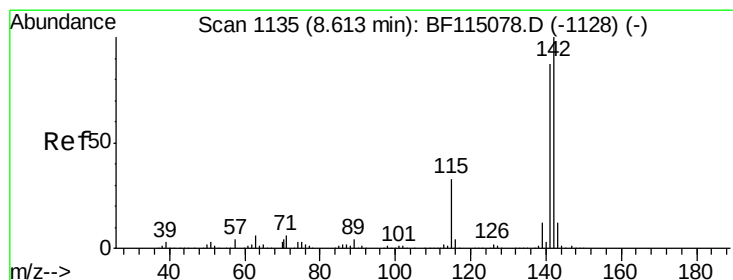
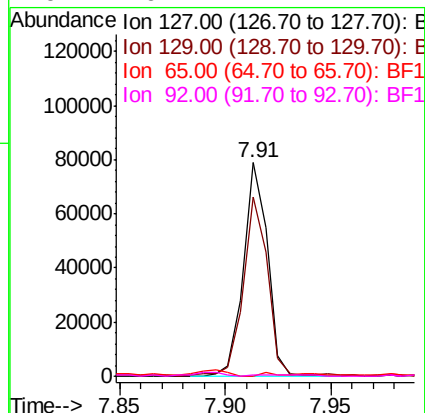
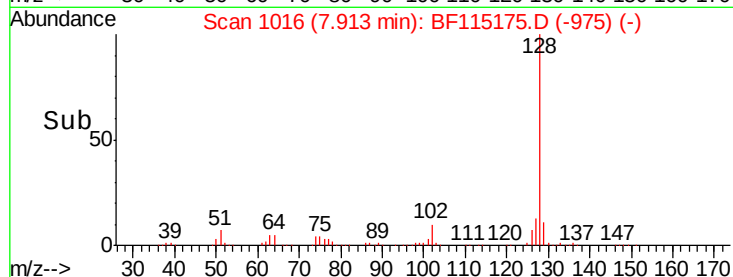
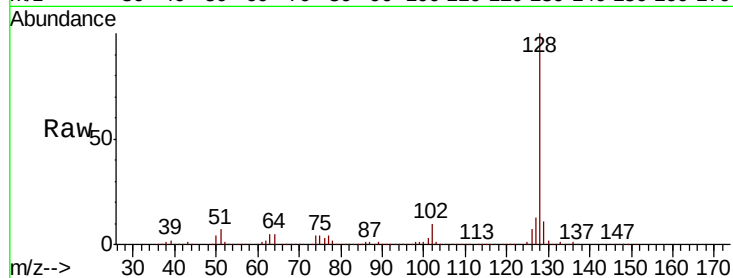




#33
4-Chloroaniline
Concen: 2.577 ng
RT: 7.91 min Scan# 1016
Delta R.T. -0.06 min
Lab File: BF115175.D
Acq: 25 Jun 2019 3:54

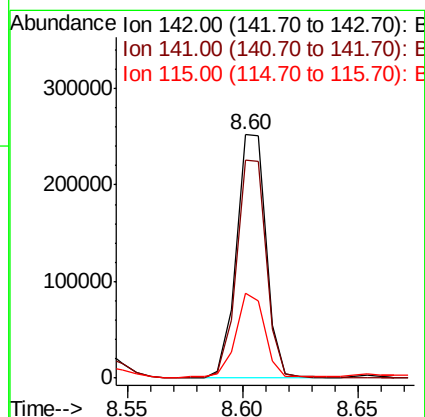
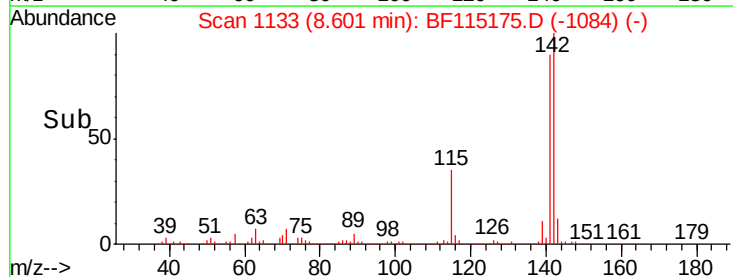
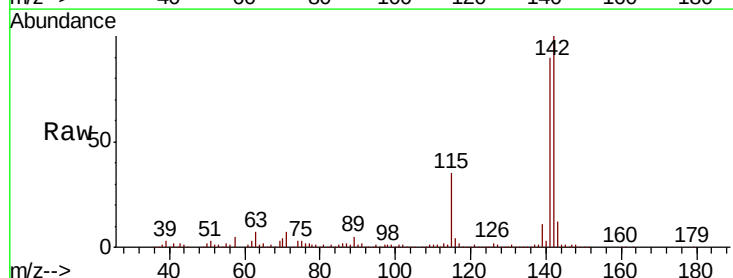
Instrument :
BNA_F
ClientSampleId :
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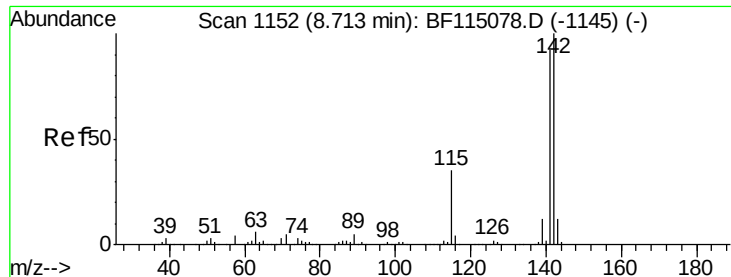
Tot Ion:127 Resp: 61832
Ion Ratio Lower Upper
127 100
129 84.0 26.1 39.1#
65 0.0 21.4 32.2#
92 0.4 14.1 21.1#



#37
2-Methylnaphthalene
Concen: 6.368 ng
RT: 8.60 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF115175.D
Acq: 25 Jun 2019 3:54

Tgt Ion:142 Resp: 225462
Ion Ratio Lower Upper
142 100
141 89.6 69.8 104.6
115 34.8 26.7 40.1

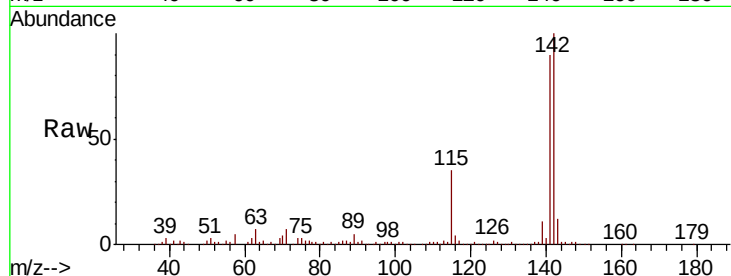




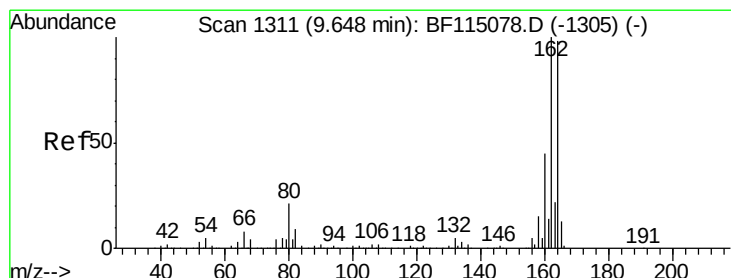
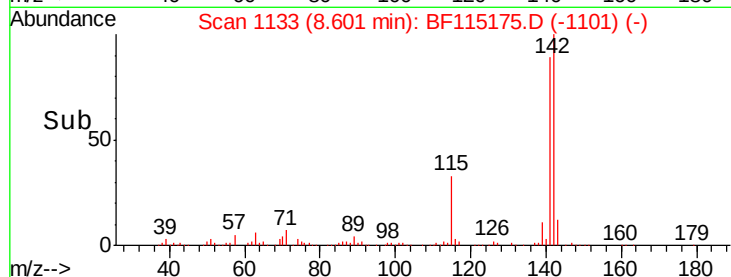
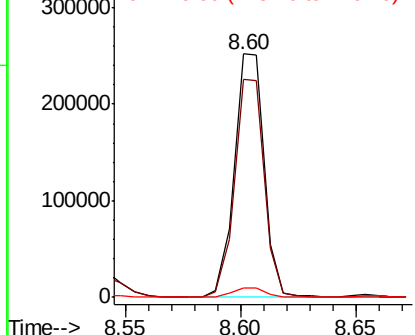
#38
1-Methylnaphthalene
Concen: 6.668 ng
RT: 8.60 min Scan# 1133
Delta R.T. -0.11 min
Lab File: BF115175.D
Acq: 25 Jun 2019 3:54

Instrument :
BNA_F
ClientSampleId :
TP-4

Tot Ion:142 Resp: 225462
Ion Ratio Lower Upper
142 100
141 89.6 73.8 110.8
116 3.9 2.8 4.2

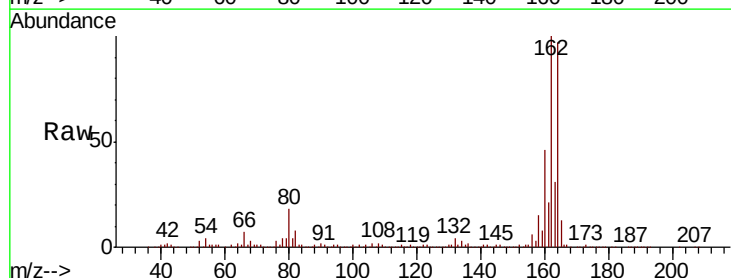


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

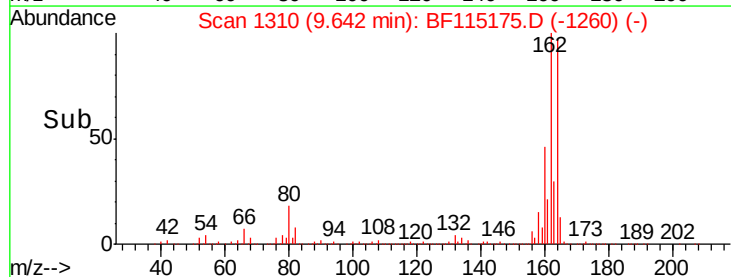
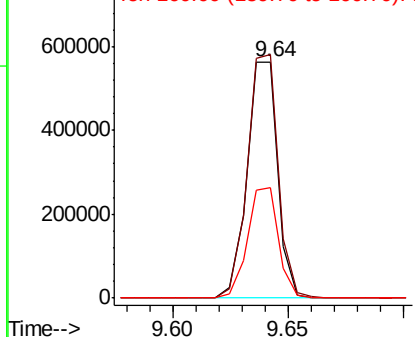


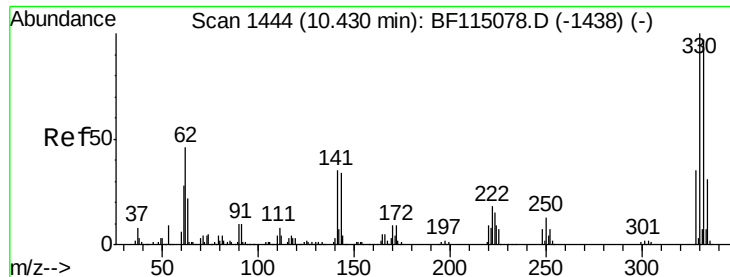
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF115175.D
Acq: 25 Jun 2019 3:54

Tgt Ion:164 Resp: 524767
Ion Ratio Lower Upper
164 100
162 103.0 81.7 122.5
160 46.9 37.0 55.4



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: 61.120 ng

RT: 10.42 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF115175.D

Acq: 25 Jun 2019 3:54

Instrument :

BNA_F

ClientSampleId :

TP-4

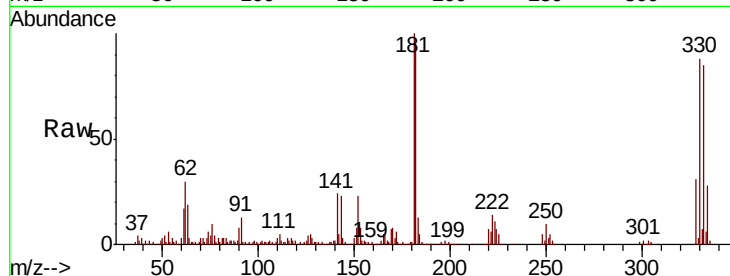
Tot Ion:330 Resp: 338228

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

141 34.5 28.2 42.2

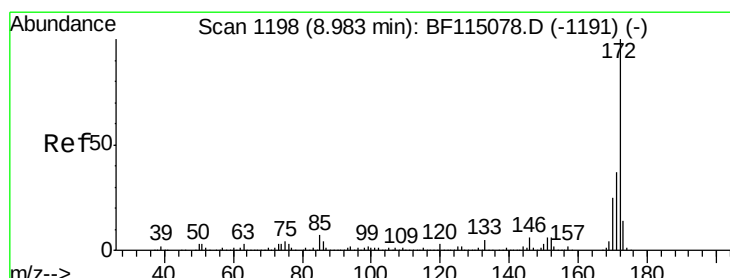
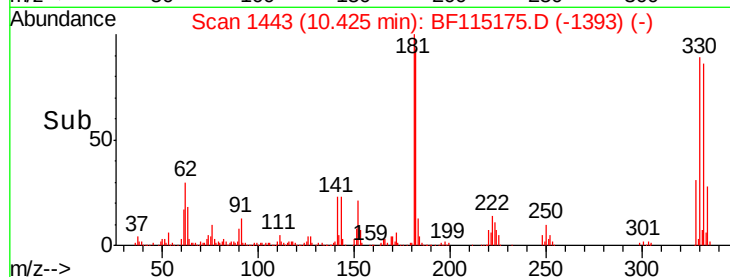
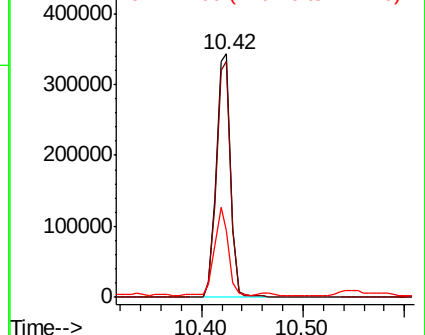


Abundance

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: 41.494 ng

RT: 8.97 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF115175.D

Acq: 25 Jun 2019 3:54

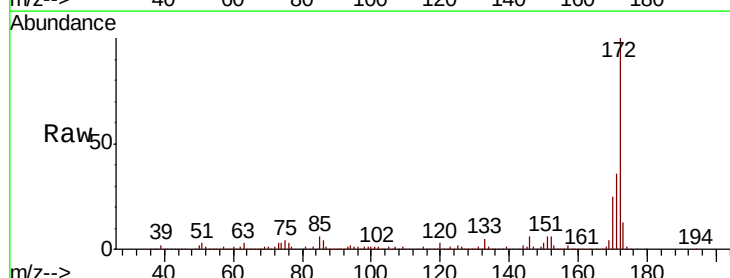
Tgt Ion:172 Resp: 1281913

Ion Ratio Lower Upper

172 100

171 36.4 29.8 44.6

170 24.8 20.3 30.5

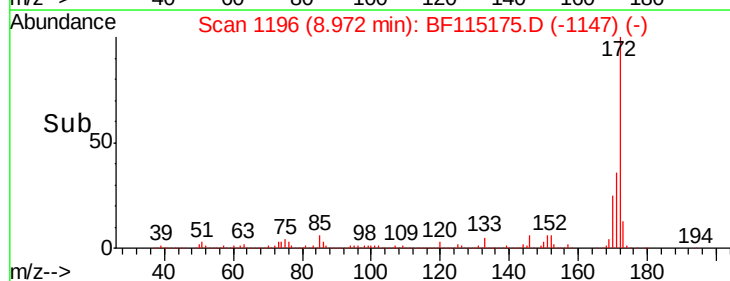
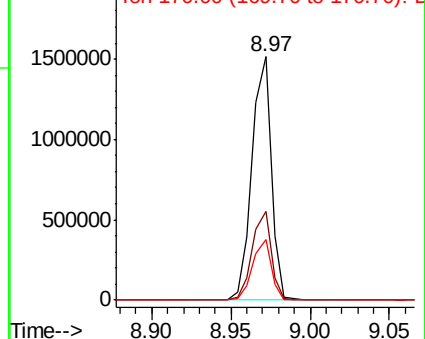


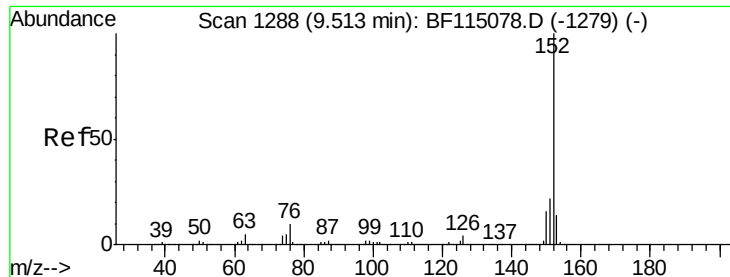
Abundance

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: 19.115 ng

RT: 9.50 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF115175.D

Acq: 25 Jun 2019 3:54

Instrument :

BNA_F

ClientSampleId :

TP-4

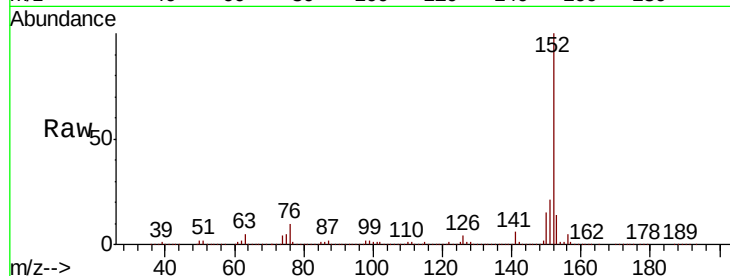
Tot Ion:152 Resp: 1014368

Ion	Ratio	Lower	Upper
152	100		
151	20.5	17.2	25.8
153	14.0	11.0	16.6

152 100

151 20.5 17.2 25.8

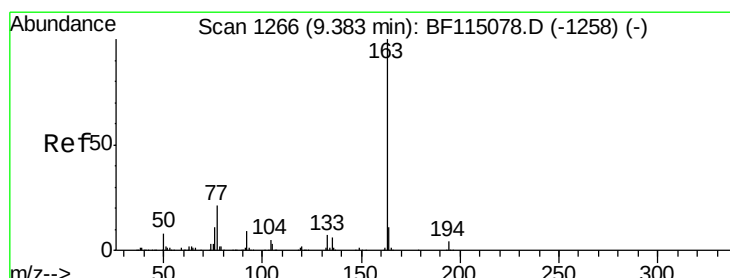
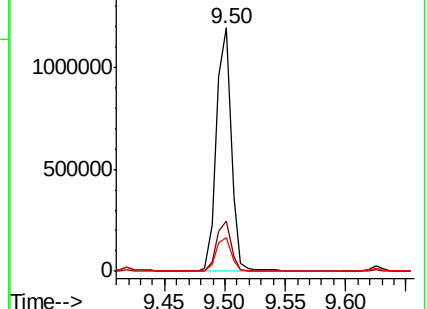
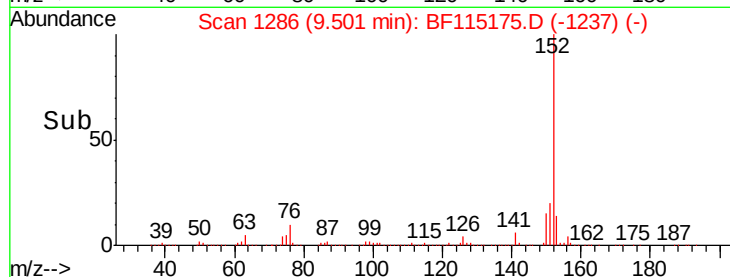
153 14.0 11.0 16.6



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: 11.907 ng

RT: 9.37 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BF115175.D

Acq: 25 Jun 2019 3:54

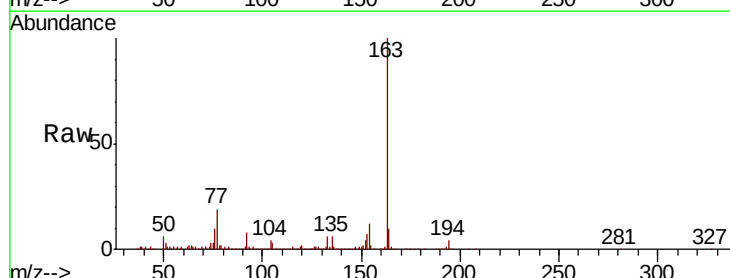
Tgt Ion:163 Resp: 459719

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.1	8.6	13.0

163 100

194 4.2 3.2 4.8

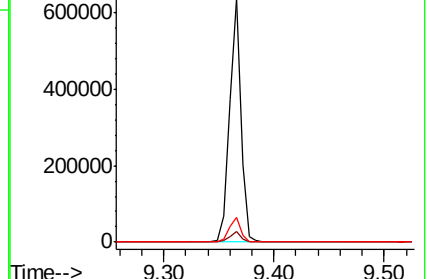
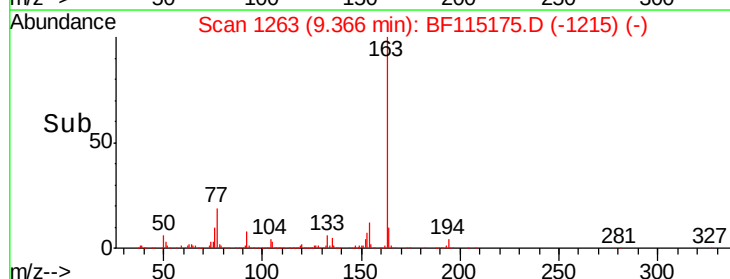
164 10.1 8.6 13.0

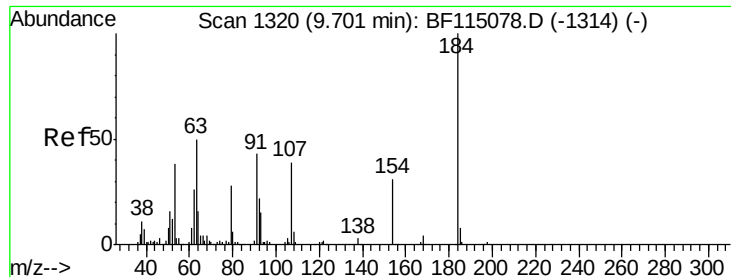


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

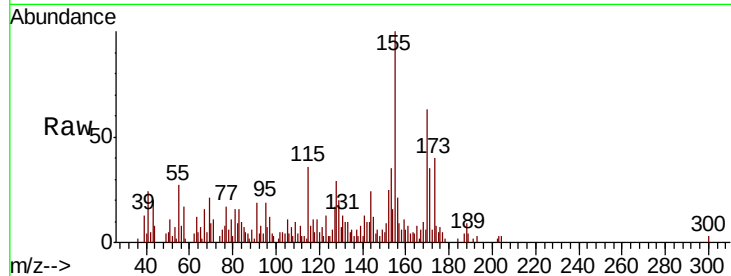




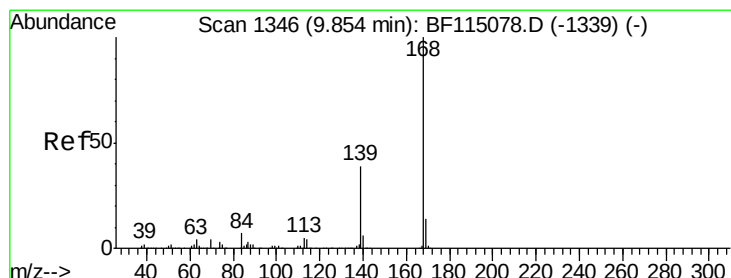
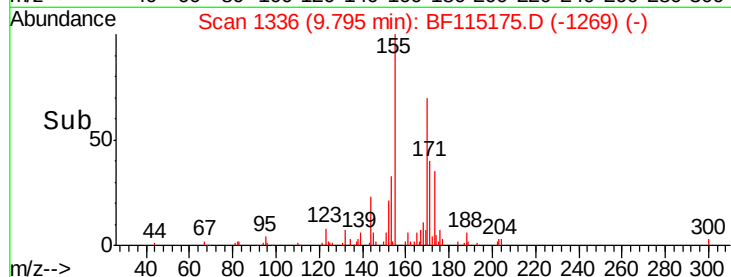
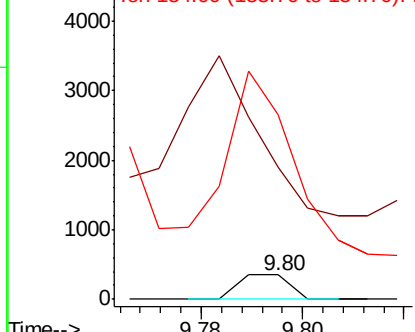
#54
 2,4-Dinitrophenol
 Concen: 7.393 ng
 RT: 9.80 min Scan# 1336
 Delta R.T. 0.09 min
 Lab File: BF115175.D
 Acq: 25 Jun 2019 3:54

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tot Ion:184 Resp: 248
 Ion Ratio Lower Upper
 184 100
 63 537.7 41.9 62.9#
 154 749.3 44.7 67.1#

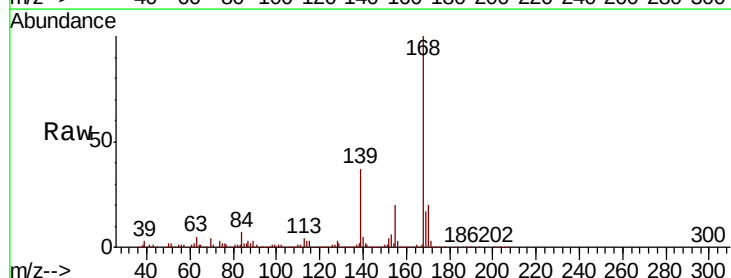


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

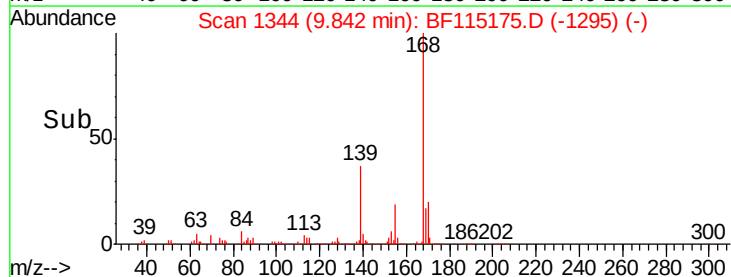
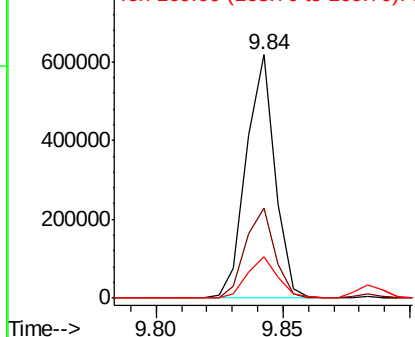


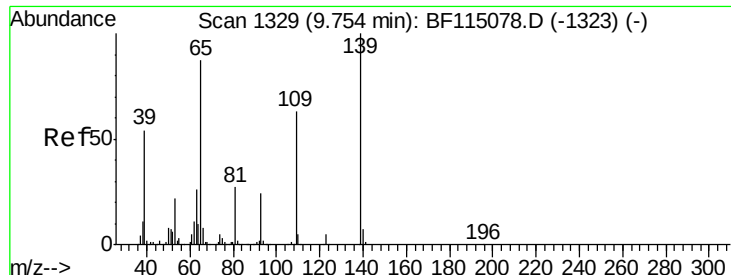
#55
 Dibenzofuran
 Concen: 10.199 ng
 RT: 9.84 min Scan# 1344
 Delta R.T. -0.01 min
 Lab File: BF115175.D
 Acq: 25 Jun 2019 3:54

Tgt Ion:168 Resp: 486069
 Ion Ratio Lower Upper
 168 100
 139 36.8 31.1 46.7
 169 16.9 11.3 16.9



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

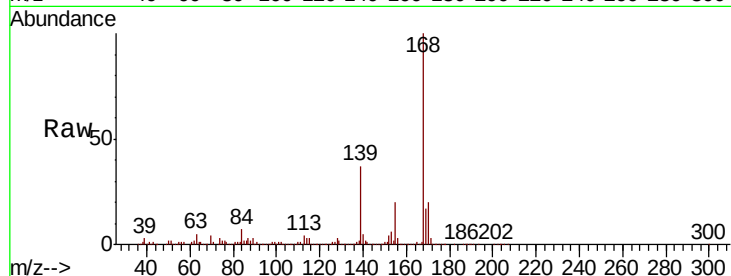




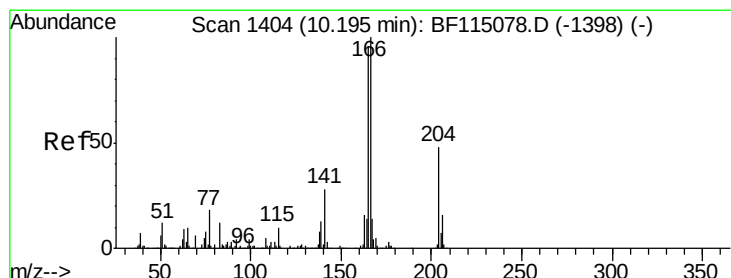
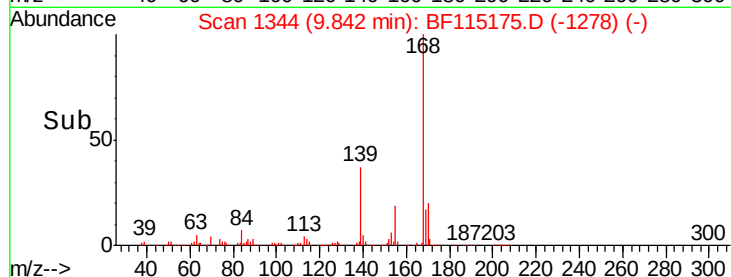
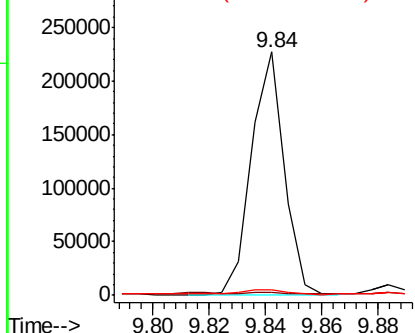
#56
4-Nitrophenol
Concen: 20.989 ng
RT: 9.84 min Scan# 1344
Delta R.T. 0.09 min
Lab File: BF115175.D
Acq: 25 Jun 2019 3:54

Instrument :
BNA_F
ClientSampleId :
TP-4

Tot Ion:139 Resp: 183028
Ion Ratio Lower Upper
139 100
109 1.3 43.0 83.0#
65 2.2 67.0 107.0#

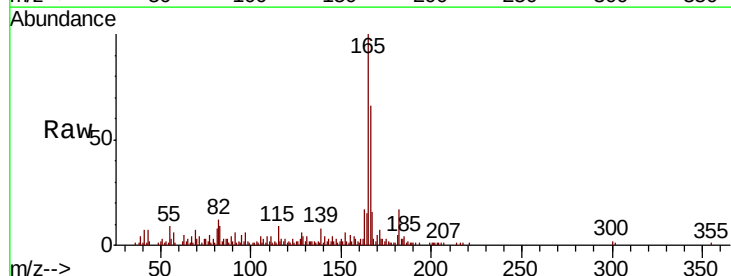


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

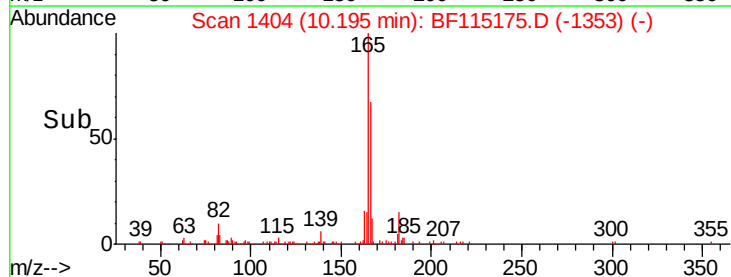
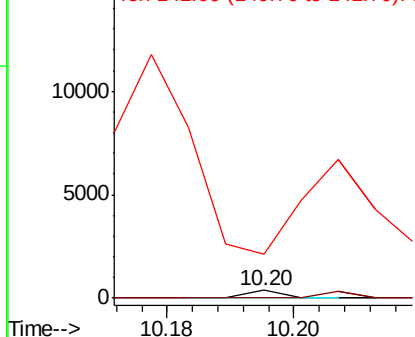


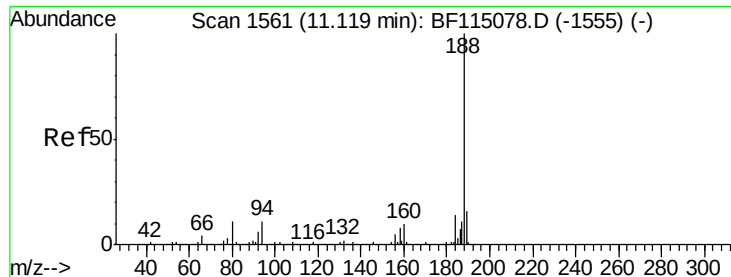
#61
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 10.20 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF115175.D
Acq: 25 Jun 2019 3:54

Tgt Ion:204 Resp: 130
Ion Ratio Lower Upper
204 100
206 0.0 26.6 40.0#
141 578.7 46.7 70.1#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.11 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF115175.D

Acq: 25 Jun 2019 3:54

Instrument :

BNA_F

ClientSampled :

TP-4

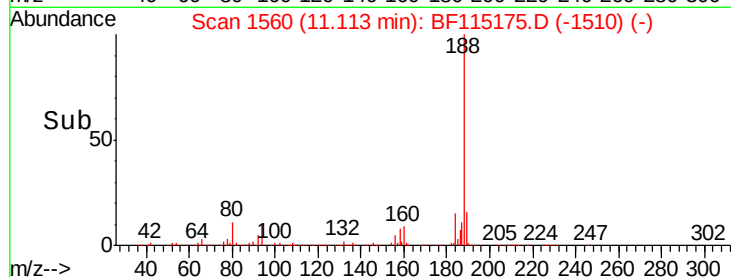
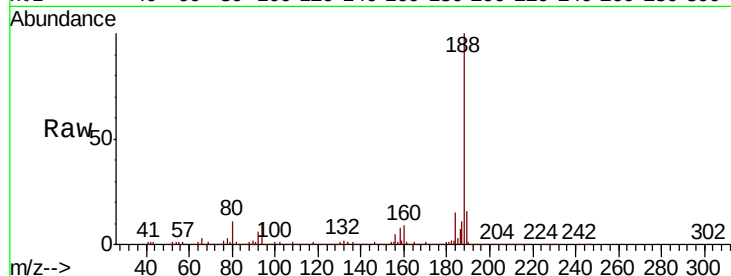
Tot Ion:188 Resp: 944711

Ion Ratio Lower Upper

188 100

94 10.3 8.6 12.8

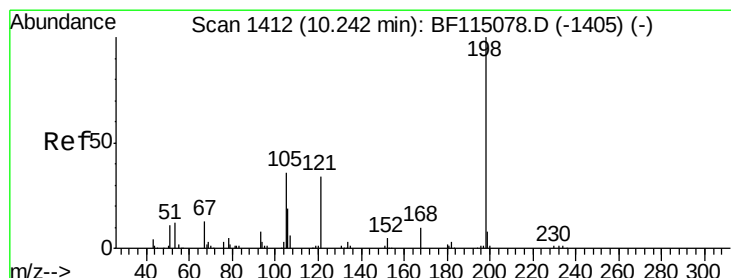
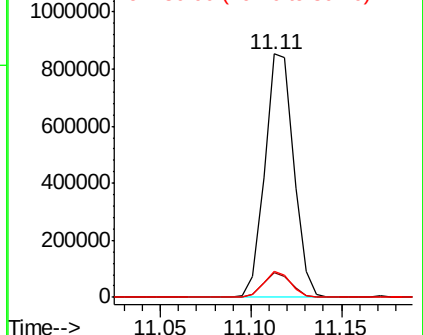
80 10.7 8.8 13.2



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



#65

4,6-Dinitro-2-methylphenol

Concen: 5.114 ng

RT: 10.26 min Scan# 1415

Delta R.T. 0.02 min

Lab File: BF115175.D

Acq: 25 Jun 2019 3:54

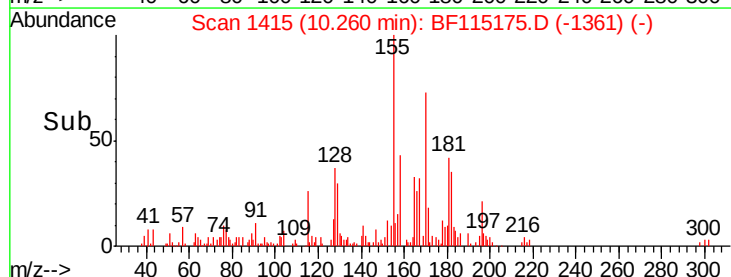
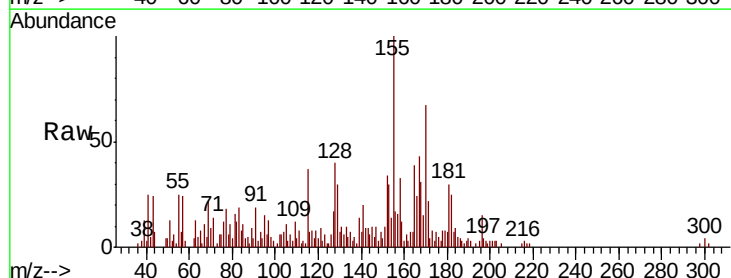
Tgt Ion:198 Resp: 863

Ion Ratio Lower Upper

198 100

51 388.1 11.0 51.0#

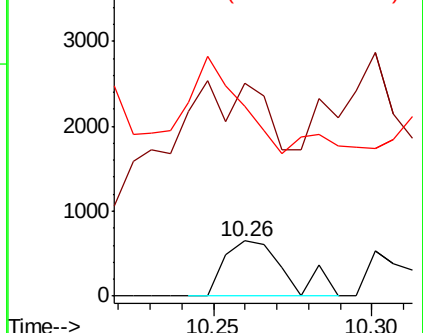
105 346.1 17.3 57.3#

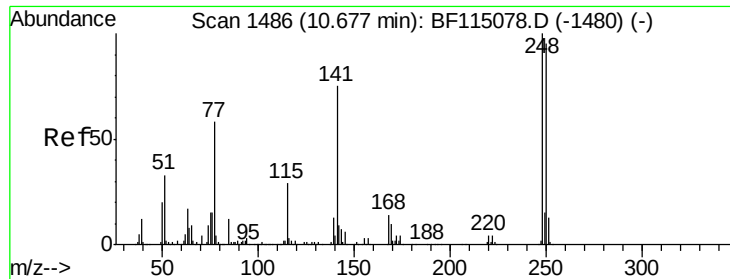


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

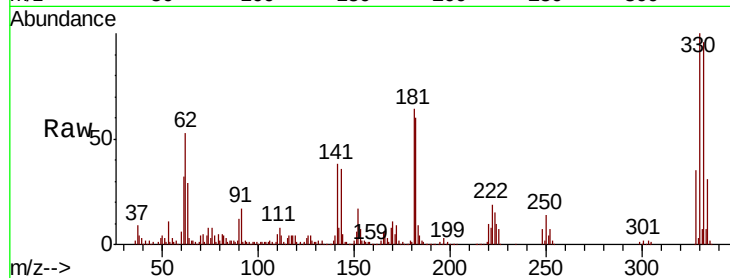




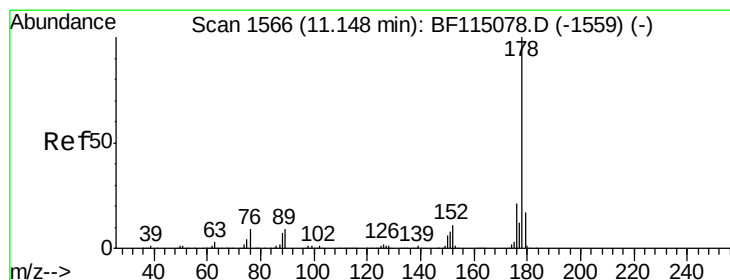
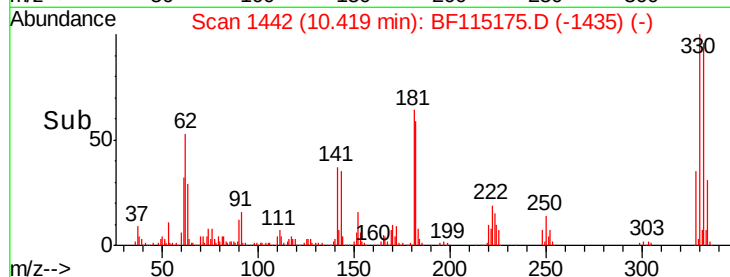
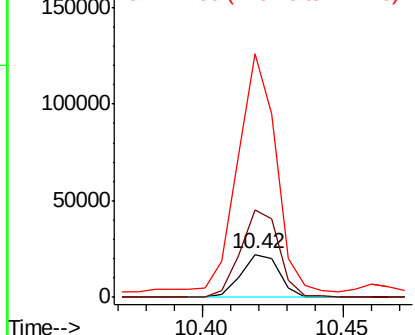
#67
4-Bromophenyl-phenylether
Concen: 2.057 ng
RT: 10.42 min Scan# 1442
Delta R.T. -0.26 min
Lab File: BF115175.D
Acq: 25 Jun 2019 3:54

Instrument :
BNA_F
ClientSampled :
TP-4

Tot Ion:248 Resp: 21072
Ion Ratio Lower Upper
248 100
250 203.1 76.2 114.2#
141 563.6 59.6 89.4#

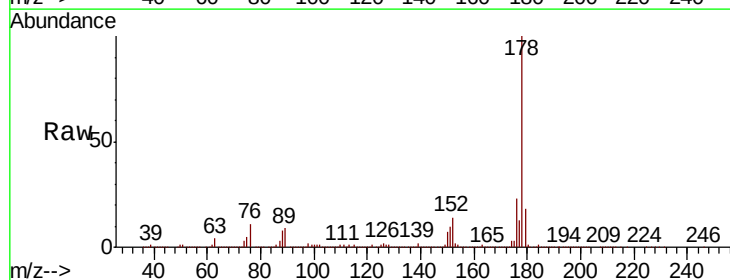


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

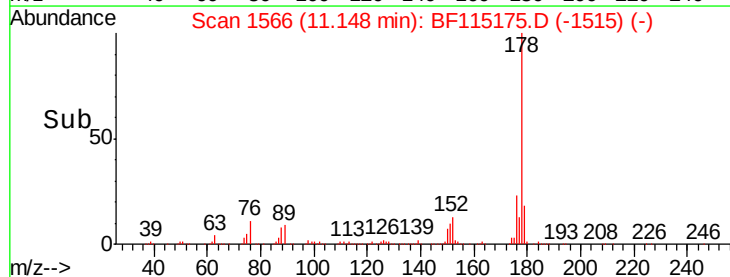
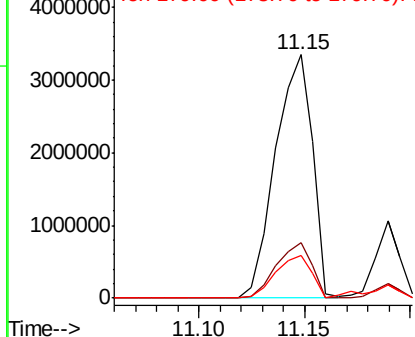


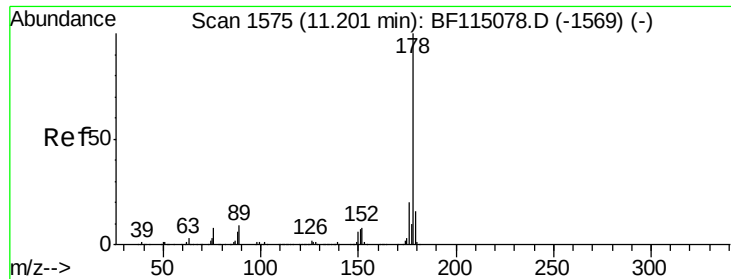
#71
Phenanthrene
Concen: 80.418 ng
RT: 11.15 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BF115175.D
Acq: 25 Jun 2019 3:54

Tgt Ion:178 Resp: 4090422
Ion Ratio Lower Upper
178 100
176 23.0 16.9 25.3
179 17.8 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





#72

Anthracene

Concen: 15.896 ng

RT: 11.19 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF115175.D

Acq: 25 Jun 2019 3:54

Instrument :

BNA_F

ClientSampleId :

TP-4

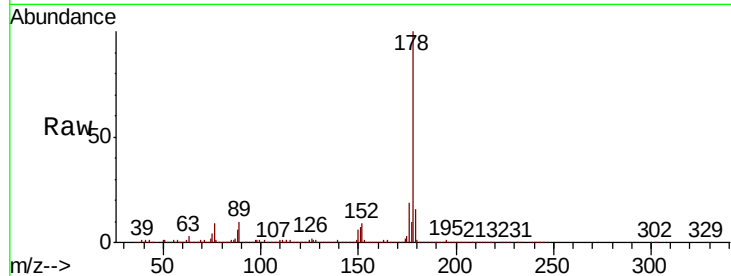
Tot Ion:178 Resp: 816147

Ion Ratio Lower Upper

178 100

176 19.4 16.1 24.1

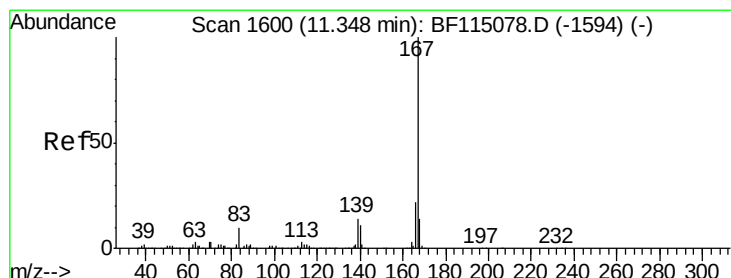
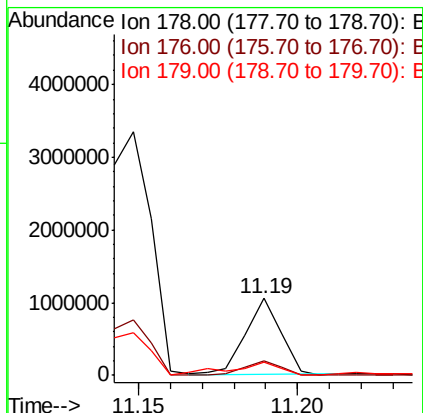
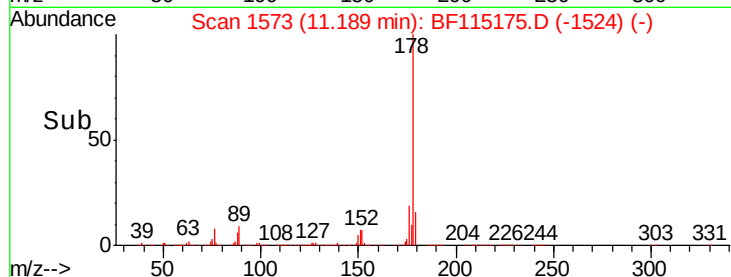
179 16.5 12.9 19.3



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: 8.339 ng

RT: 11.34 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF115175.D

Acq: 25 Jun 2019 3:54

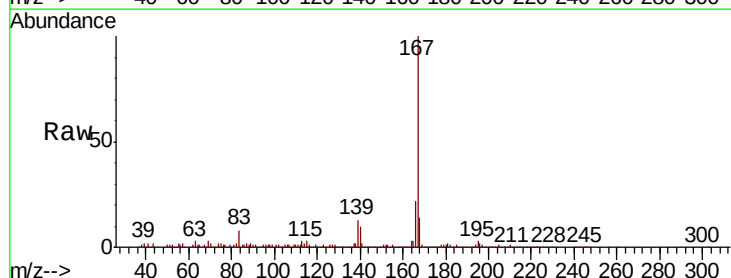
Tgt Ion:167 Resp: 382351

Ion Ratio Lower Upper

167 100

166 21.9 18.0 27.0

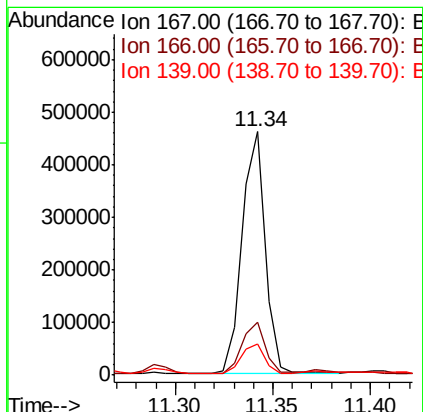
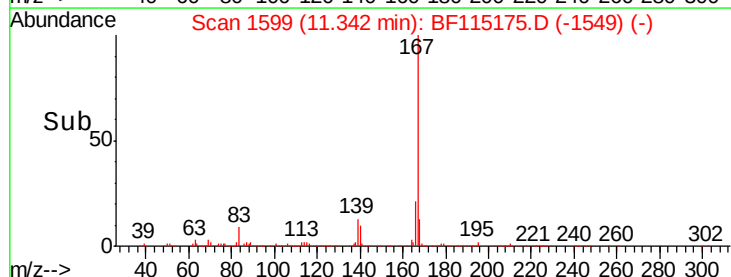
139 13.0 11.1 16.7

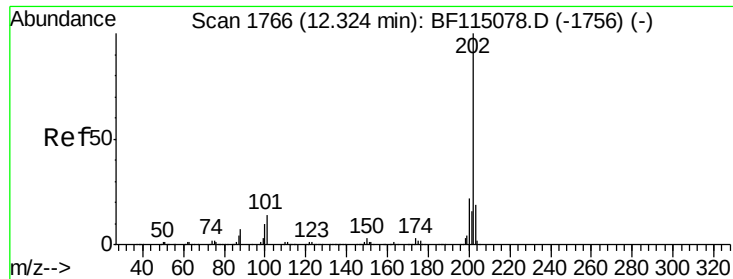


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 98.029 ng

RT: 12.34 min Scan# 1768

Delta R.T. 0.01 min

Lab File: BF115175.D

Acq: 25 Jun 2019 3:54

Instrument :

BNA_F

ClientSampleId :

TP-4

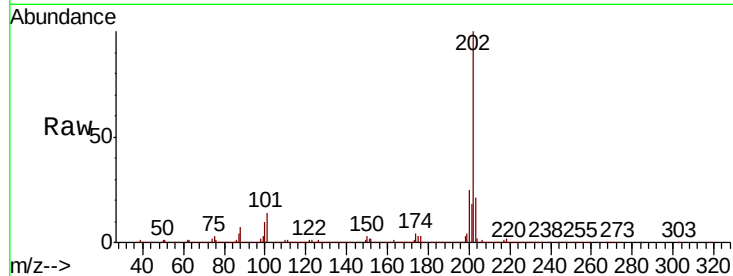
Tot Ion:202 Resp: 4974958

Ion Ratio Lower Upper

202 100

101 13.7 0.0 34.0

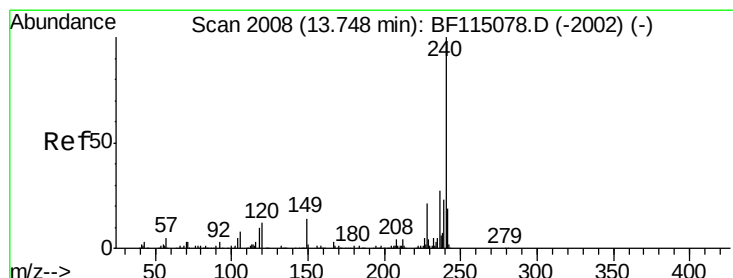
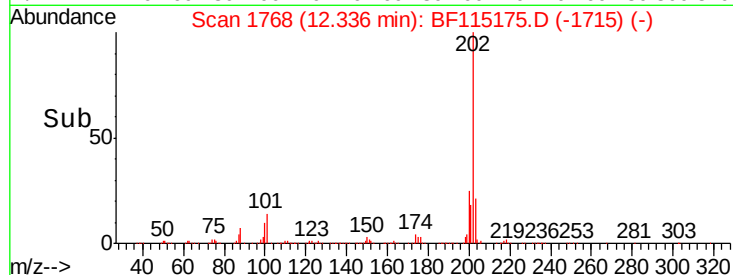
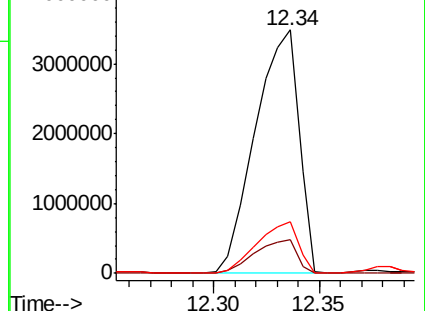
203 21.0 0.0 38.8



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: 13.74 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF115175.D

Acq: 25 Jun 2019 3:54

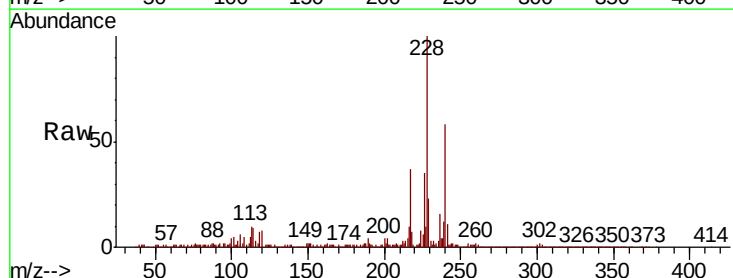
Tgt Ion:240 Resp: 530961

Ion Ratio Lower Upper

240 100

120 13.7 9.4 14.2

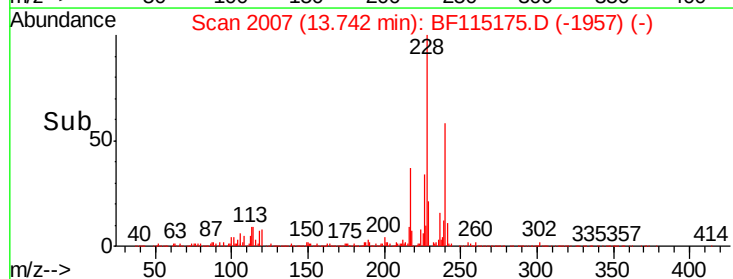
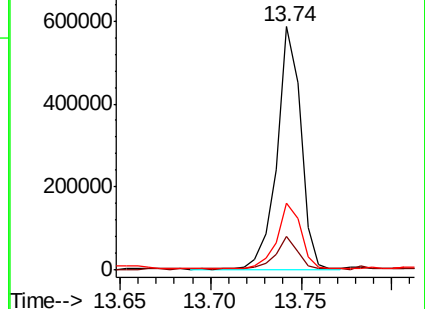
236 27.4 21.7 32.5

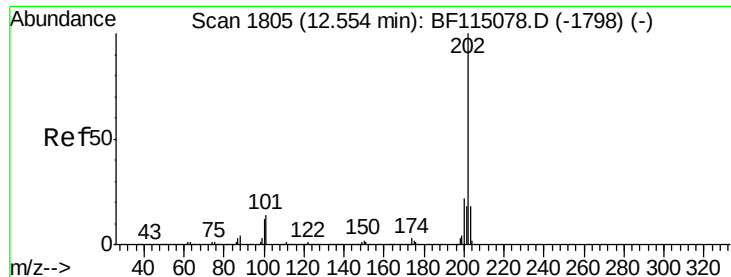


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 117.342 ng

RT: 12.56 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BF115175.D

Acq: 25 Jun 2019 3:54

Instrument :

BNA_F

ClientSampleId :

TP-4

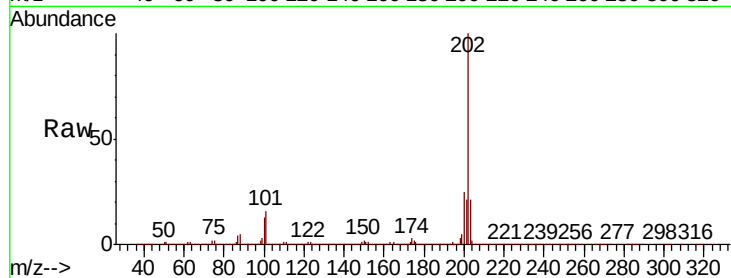
Tot Ion:202 Resp: 4788104

Ion Ratio Lower Upper

202 100

200 25.3 17.9 26.9

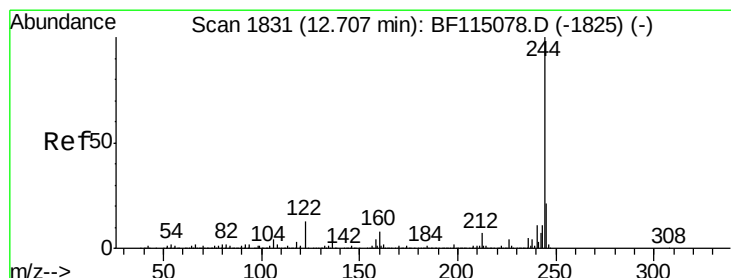
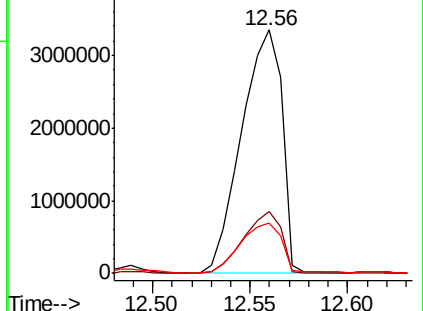
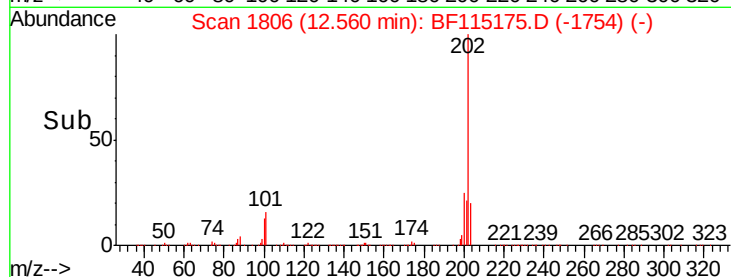
203 20.7 14.6 21.8



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: 43.227 ng

RT: 12.70 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115175.D

Acq: 25 Jun 2019 3:54

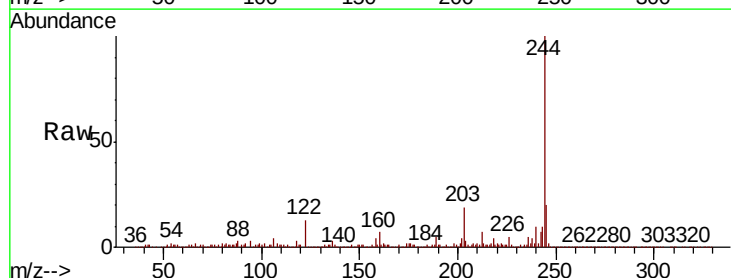
Tgt Ion:244 Resp: 1079510

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

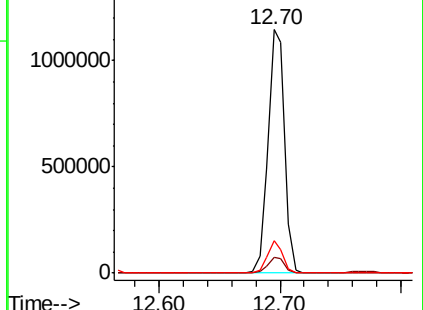
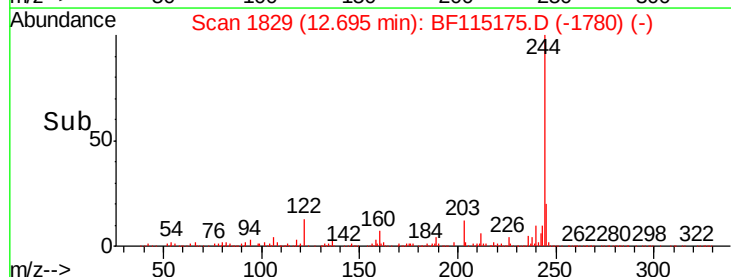
122 13.3 10.4 15.6

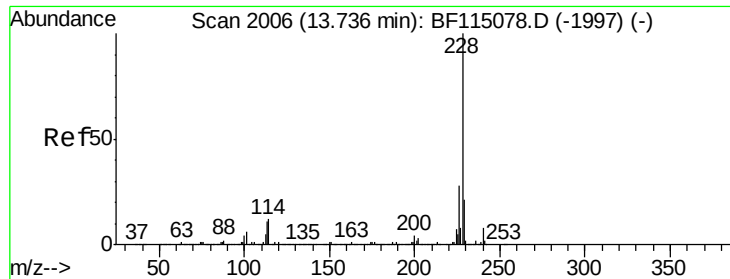


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

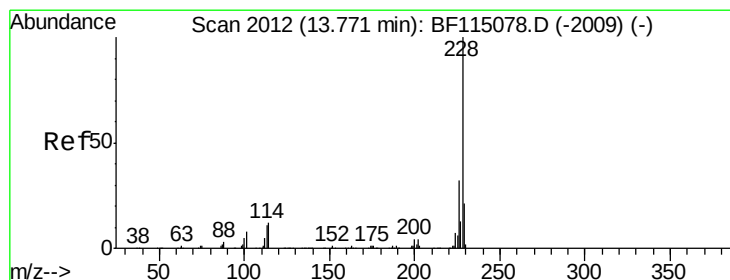
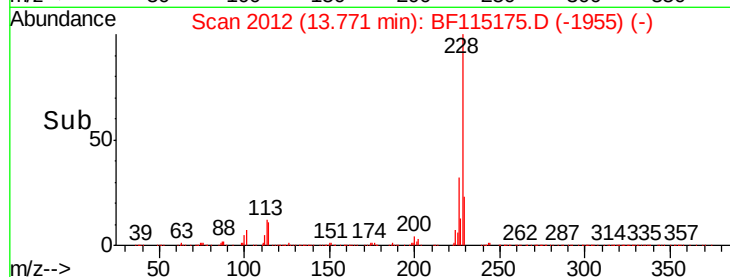
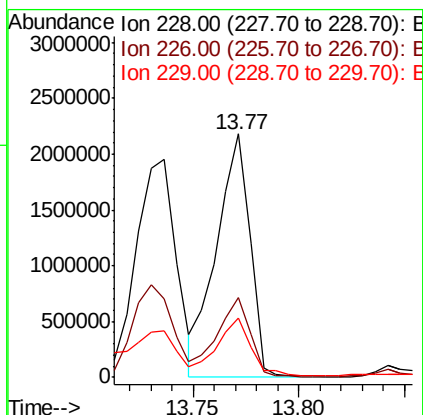
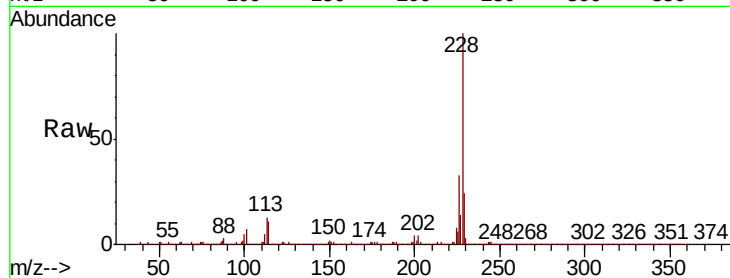




#81
Benzo(a)anthracene
Concen: 62.446 ng
RT: 13.77 min Scan# 2012
Delta R.T. 0.04 min
Lab File: BF115175.D
Acq: 25 Jun 2019 3:54

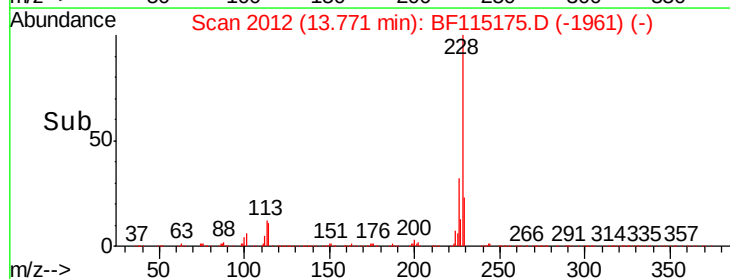
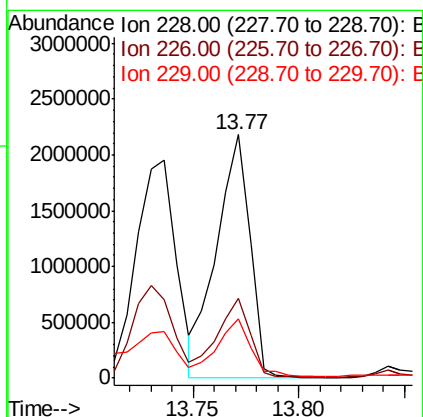
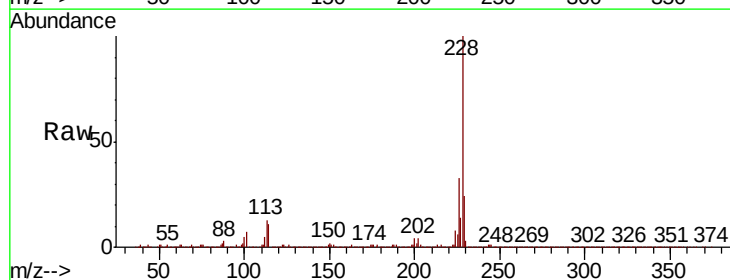
Instrument :
BNA_F
ClientSampled :
TP-4

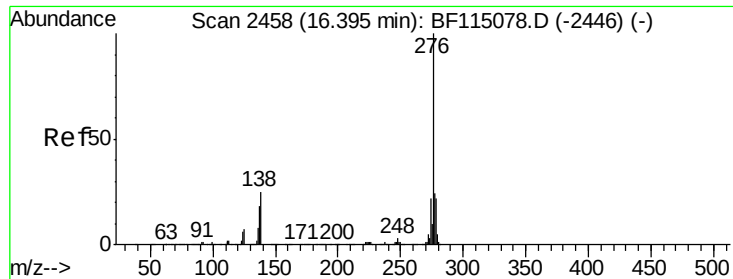
Tot Ion:228 Resp: 2379077
Ion Ratio Lower Upper
228 100
226 32.7 22.5 33.7
229 24.2 16.6 24.8



#83
Chrysene
Concen: 68.171 ng
RT: 13.77 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BF115175.D
Acq: 25 Jun 2019 3:54

Tgt Ion:228 Resp: 2379077
Ion Ratio Lower Upper
228 100
226 32.7 25.4 38.0
229 24.2 16.5 24.7



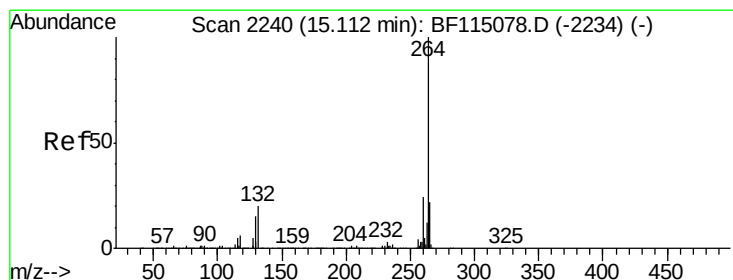
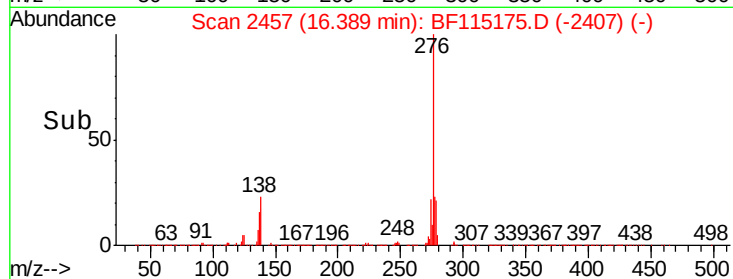
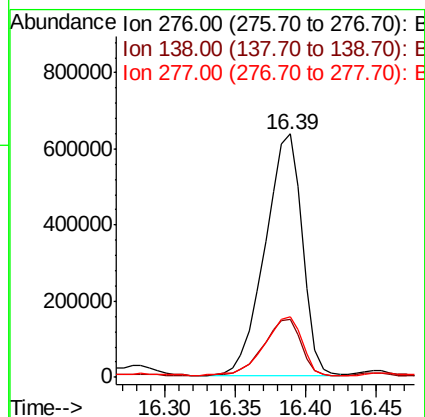
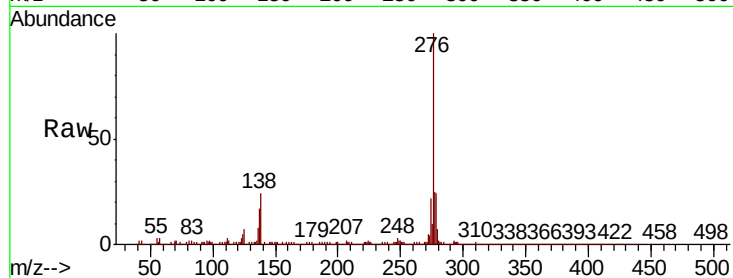


#86
 Indeno(1,2,3-cd)pyrene
 Concen: 28.376 ng
 RT: 16.39 min Scan# 2457
 Delta R.T. -0.01 min
 Lab File: BF115175.D
 Acq: 25 Jun 2019 3:54

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tot Ion:276 Resp: 1171795

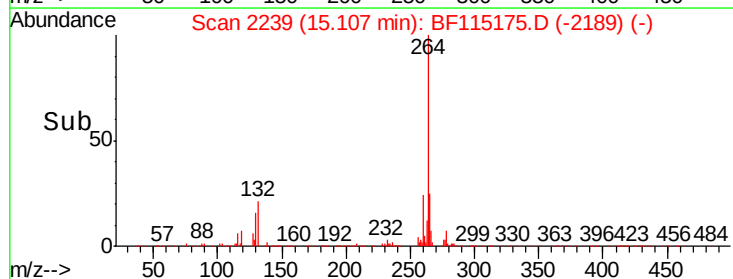
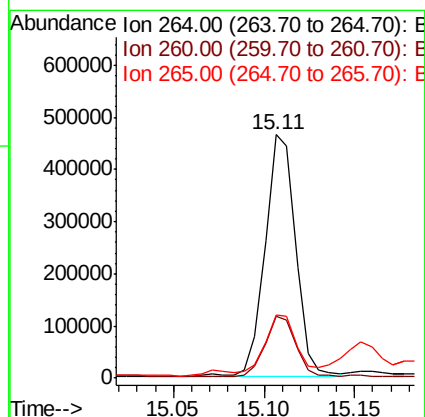
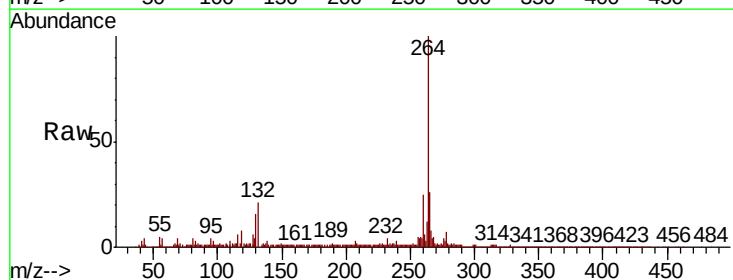
Ion	Ratio	Lower	Upper
276	100		
138	24.0	23.2	34.8
277	24.9	20.1	30.1

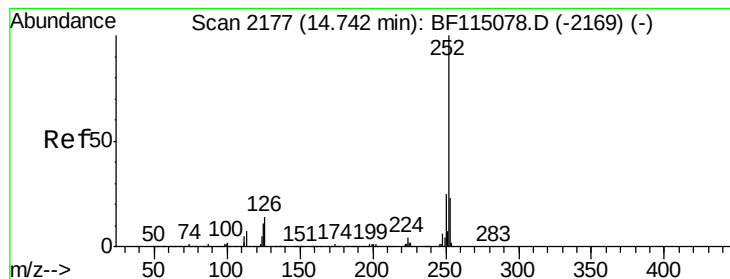


#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.11 min Scan# 2239
 Delta R.T. -0.01 min
 Lab File: BF115175.D
 Acq: 25 Jun 2019 3:54

Tgt Ion:264 Resp: 549992

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.6	29.4
265	25.8	17.3	25.9





#88

Benzo(b)fluoranthene

Concen: 111.385 ng

RT: 14.74 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BF115175.D

Acq: 25 Jun 2019 3:54

Instrument :

BNA_F

ClientSampleId :

TP-4

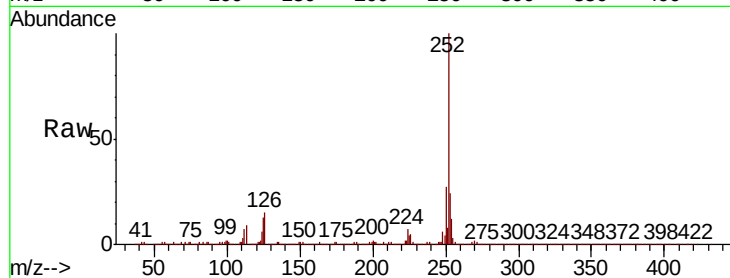
Tot Ion:252 Resp: 3822510

Ion Ratio Lower Upper

252 100

253 24.0 18.1 27.1

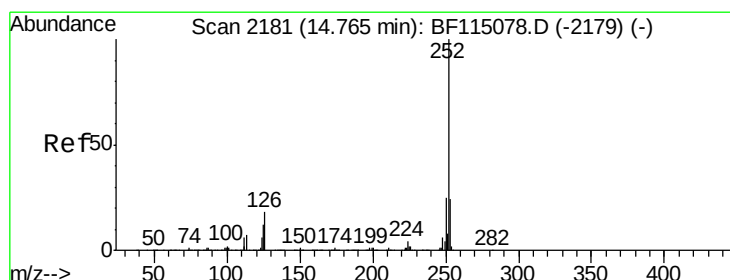
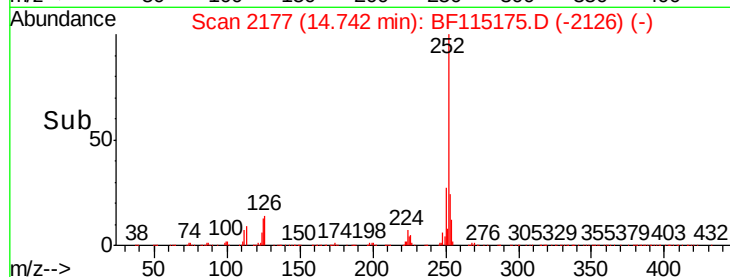
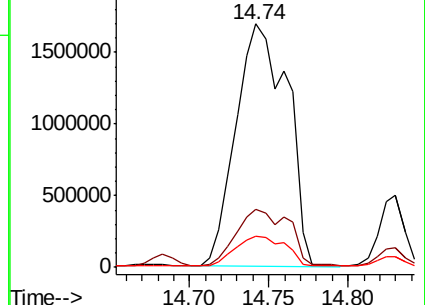
125 13.0 8.7 13.1



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



#89

Benzo(k)fluoranthene

Concen: 124.205 ng

RT: 14.74 min Scan# 2177

Delta R.T. -0.02 min

Lab File: BF115175.D

Acq: 25 Jun 2019 3:54

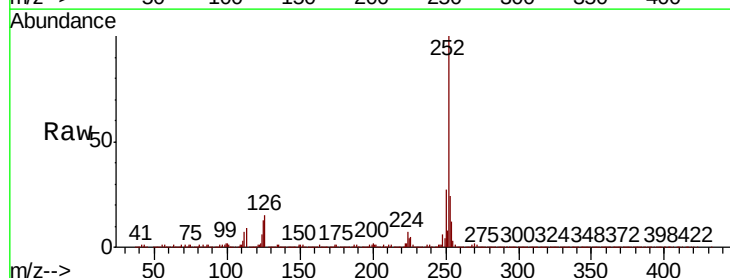
Tgt Ion:252 Resp: 3822510

Ion Ratio Lower Upper

252 100

253 24.0 18.9 28.3

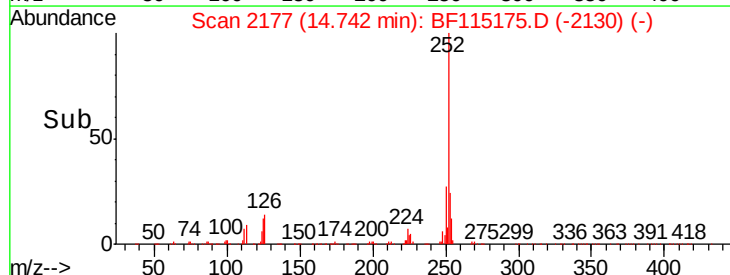
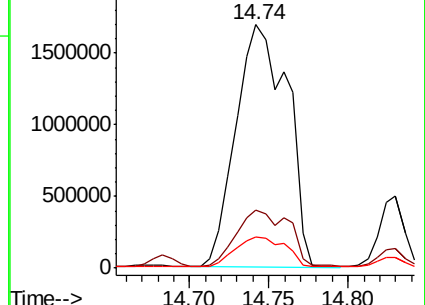
125 13.0 10.2 15.2

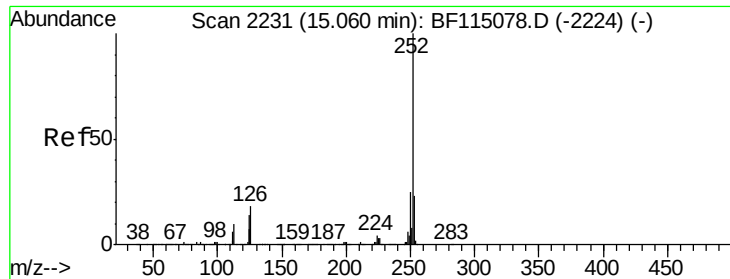


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 62.573 ng

RT: 15.06 min Scan# 2231

Delta R.T. 0.00 min

Lab File: BF115175.D

Acq: 25 Jun 2019 3:54

Instrument :

BNA_F

ClientSampleId :

TP-4

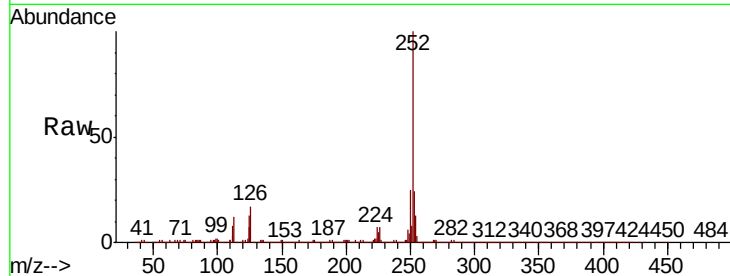
Tot Ion:252 Resp: 1935457

Ion Ratio Lower Upper

252 100

253 24.4 18.3 27.5

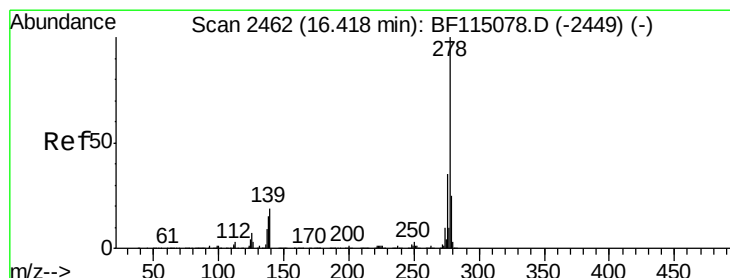
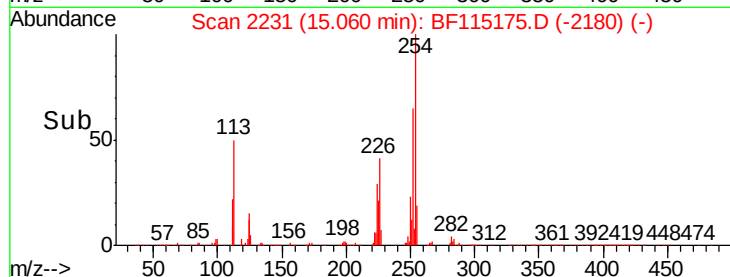
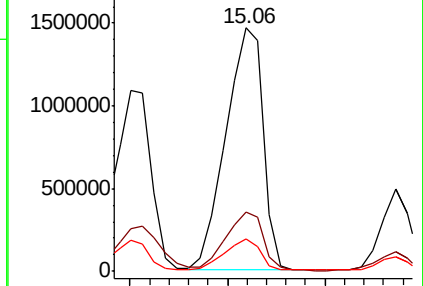
125 13.1 10.9 16.3



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: 9.296 ng

RT: 16.39 min Scan# 2458

Delta R.T. -0.02 min

Lab File: BF115175.D

Acq: 25 Jun 2019 3:54

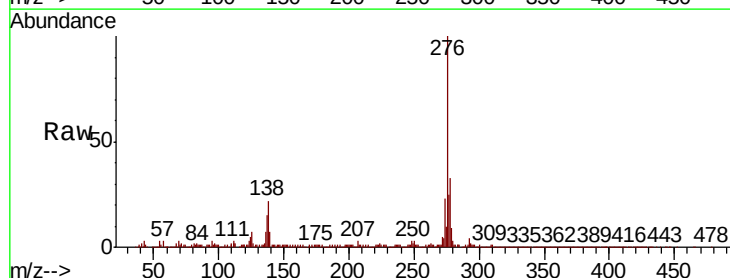
Tgt Ion:278 Resp: 268433

Ion Ratio Lower Upper

278 100

139 20.1 15.4 23.2

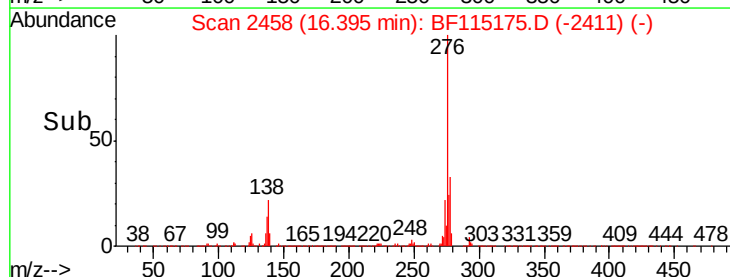
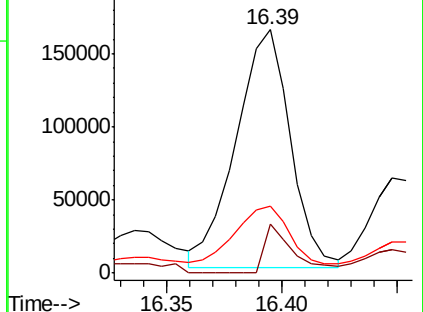
279 27.5 19.9 29.9

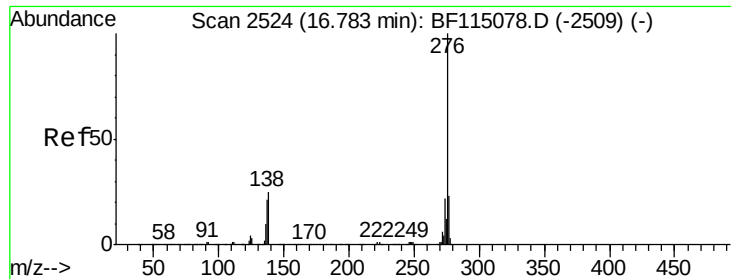


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92
 Benzo(a,h,i)perylene
 Concen: 42.545 ng
 RT: 16.77 min Scan# 2522
 Delta R.T. -0.01 min
 Lab File: BF115175.D
 Acq: 25 Jun 2019 3:54

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tot Ion: 276 Resp: 1243423
 Ion Ratio Lower Upper
 276 100
 277 24.4 18.6 28.0
 138 24.5 19.8 29.6

