

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
 Data File : BF115532.D
 Acq On : 12 Jul 2019 17:57
 Operator : HP/JU
 Sample : K3618-03 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 13 00:10:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	146394	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	553692	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	242500	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	381685	20.00	ng	0.00
76) Chrysene-d12	14.05	240	311815	20.00	ng	0.00
87) Perylene-d12	15.52	264	332689	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	177061	19.78	ng	-0.01
7) Phenol-d6	6.50	99	227156	20.00	ng	-0.02
23) Nitrobenzene-d5	7.43	82	130123	13.67	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	45003	15.90	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	259514	18.73	ng	-0.01
79) Terphenyl-d14	12.99	244	215916	12.78	ng	-0.01

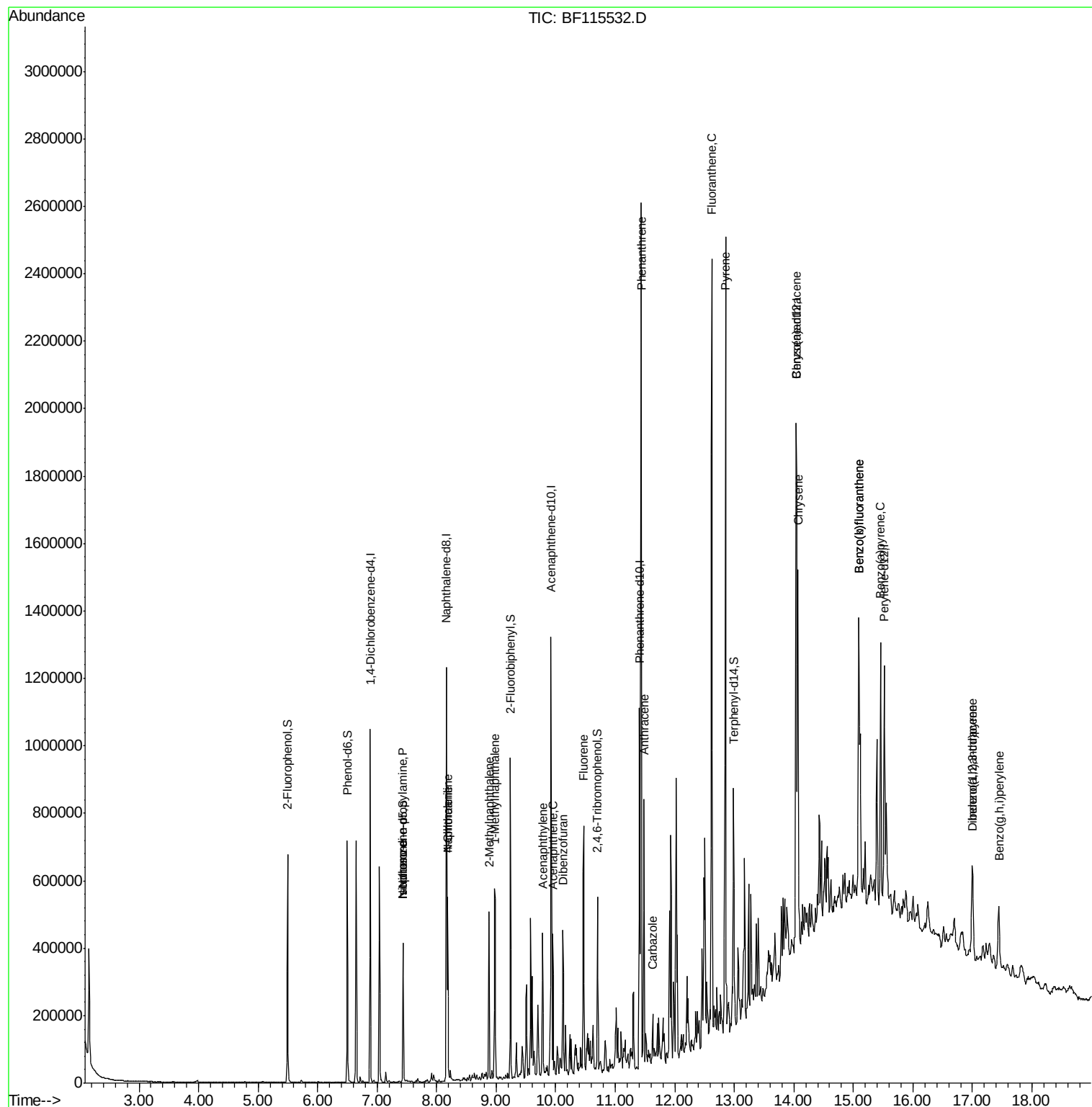
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.43	70	16530	2.232	ng	# 83
25) Isophorone	7.43	82	127523	6.693	ng	# 64
31) Naphthalene	8.19	128	211045	7.870	ng	95
33) 4-Chloroaniline	8.19	127	27048	2.277	ng	# 33
37) 2-Methylnaphthalene	8.88	142	139266	7.835	ng	97
38) 1-Methylnaphthalene	8.97	142	157184	9.310	ng	97
49) Acenaphthylene	9.78	152	121767	5.206	ng	97
52) Acenaphthene	9.95	154	81208	5.378	ng	97
55) Dibenzofuran	10.12	168	113427	5.289	ng	# 97
58) Fluorene	10.47	166	200001	13.045	ng	99
71) Phenanthrene	11.43	178	945683	48.336	ng	98
72) Anthracene	11.48	178	275829	13.642	ng	98
73) Carbazole	11.63	167	58727	3.312	ng	98
75) Fluoranthene	12.62	202	855138	41.361	ng	100
78) Pyrene	12.85	202	942018	35.658	ng	96
81) Benzo(a)anthracene	14.03	228	483232	23.524	ng	96
83) Chrysene	14.07	228	436289	21.157	ng	97
86) Indeno(1,2,3-cd)pyrene	17.00	276	183591	10.479	ng	97
88) Benzo(b)fluoranthene	15.09	252	687378	32.087	ng	99
89) Benzo(k)fluoranthene	15.09	252	687378	35.990	ng	99
90) Benzo(a)pyrene	15.46	252	386503	20.991	ng	98
91) Dibenzo(a,h)anthracene	17.01	278	53208	3.292	ng	# 90
92) Benzo(g,h,i)perylene	17.44	276	157979	9.800	ng	99

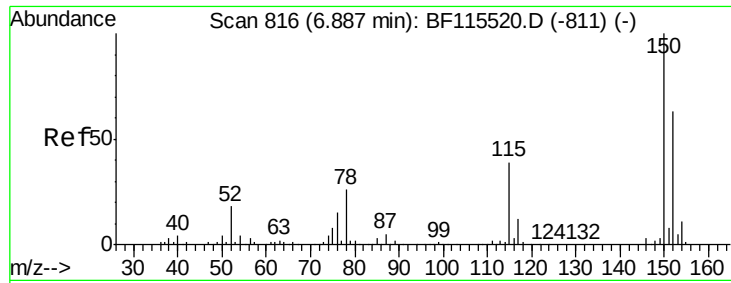
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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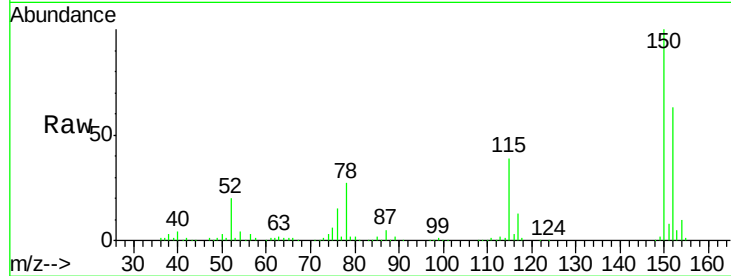


#1

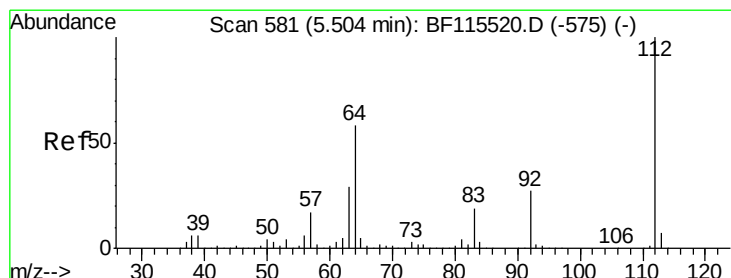
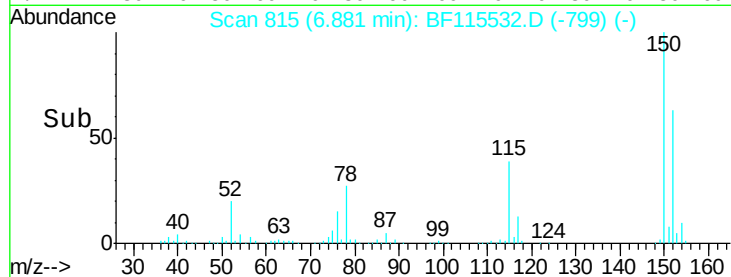
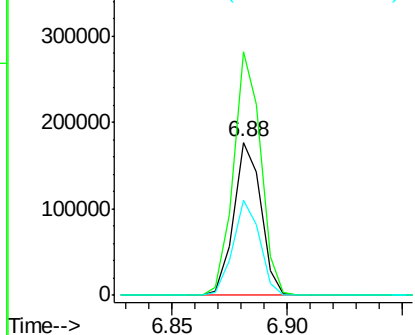
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115532.D
Acq: 12 Jul 2019 17:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 146394
Ion Ratio Lower Upper
152 100
150 159.0 129.7 194.5
115 62.2 48.2 72.4



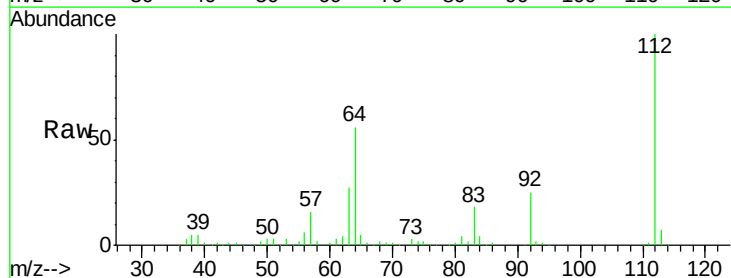
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



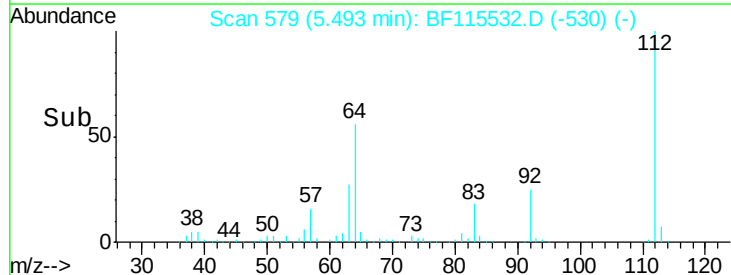
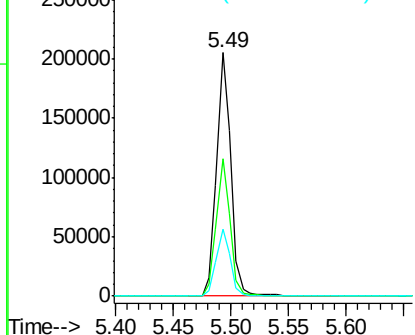
#5

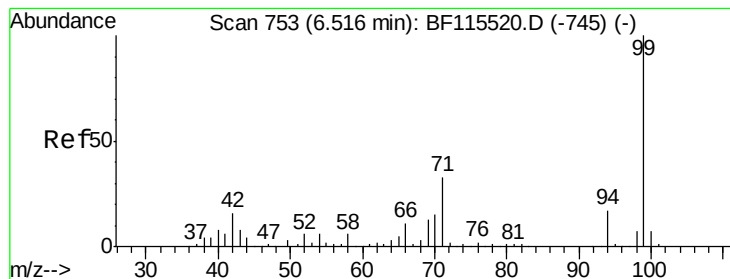
2-Fluorophenol
Concen: 19.784 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF115532.D
Acq: 12 Jul 2019 17:57

Tgt Ion:112 Resp: 177061
Ion Ratio Lower Upper
112 100
64 56.3 46.8 70.2
63 27.4 24.1 36.1



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: 20.003 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF115532.D

Acq: 12 Jul 2019 17:57

Instrument :

BNA_F

ClientSampleId :

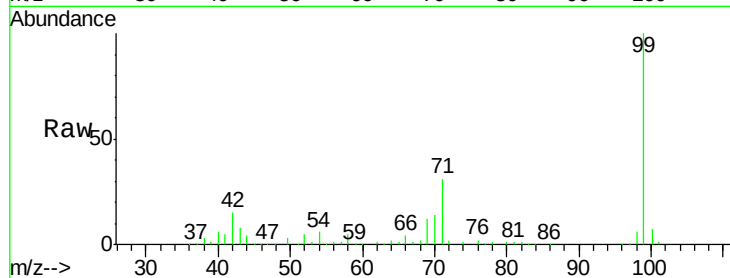
Tot Ion: 99 Resp: 227156

Ion Ratio Lower Upper

99 100

42 15.0 13.6 20.4

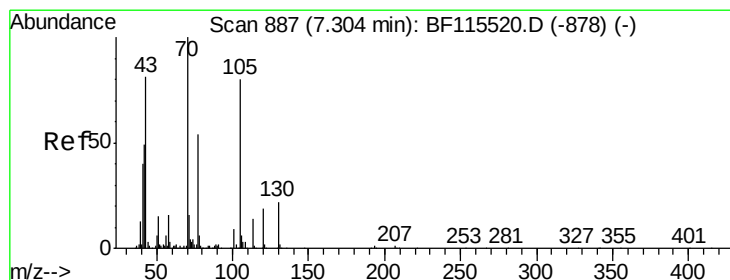
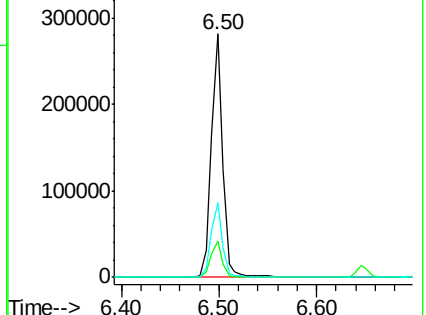
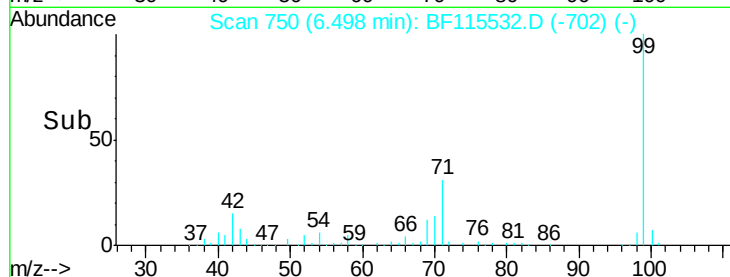
71 30.7 28.5 42.7



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: 2.232 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.13 min

Lab File: BF115532.D

Acq: 12 Jul 2019 17:57

Tgt Ion: 70 Resp: 16530

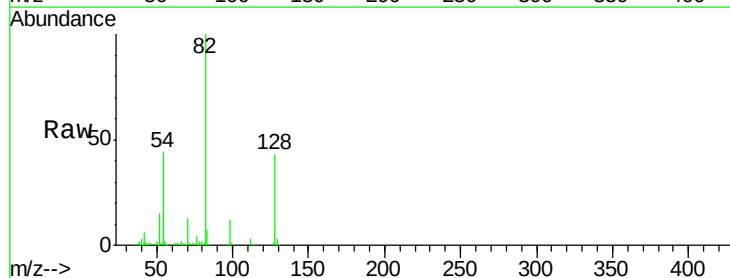
Ion Ratio Lower Upper

70 100

42 47.1 39.6 59.4

101 0.0 8.1 12.1#

130 2.5 18.2 27.2#

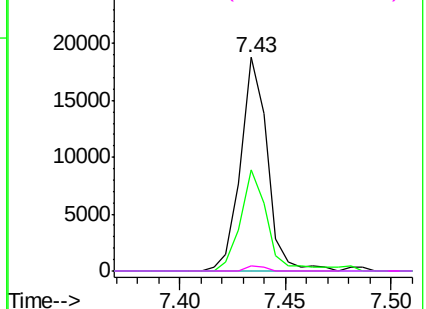
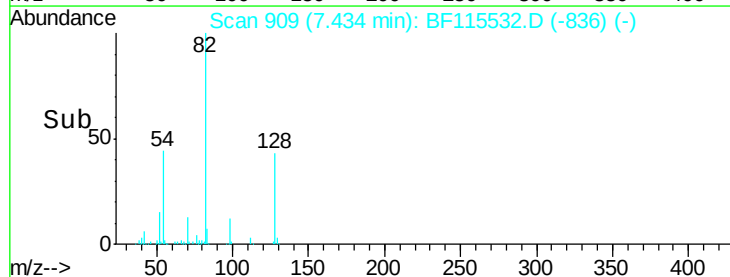


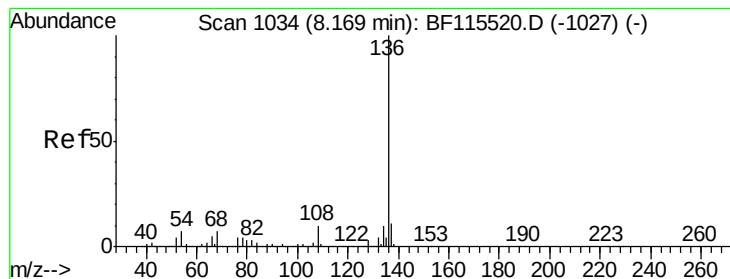
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF115532.D

Acq: 12 Jul 2019 17:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 553692

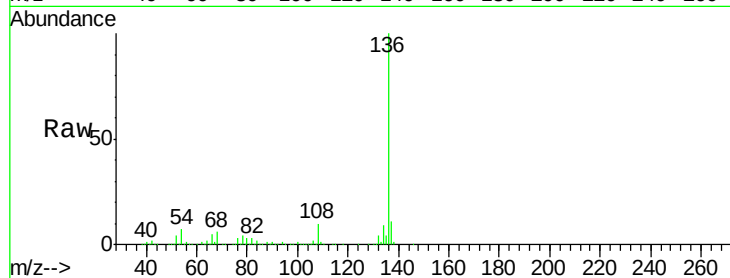
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 7.0 5.6 8.4

68 6.3 5.0 7.6

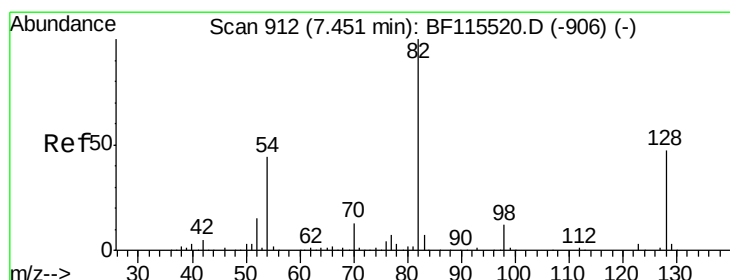
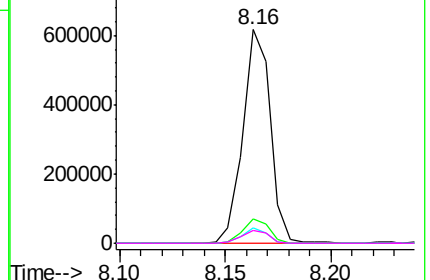
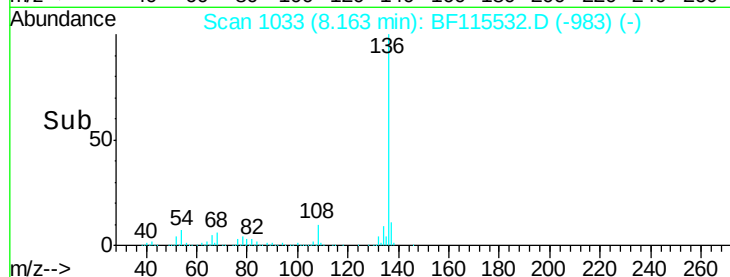


Abundance Ion 136.00 (135.70 to 136.70): E

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: 13.665 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.02 min

Lab File: BF115532.D

Acq: 12 Jul 2019 17:57

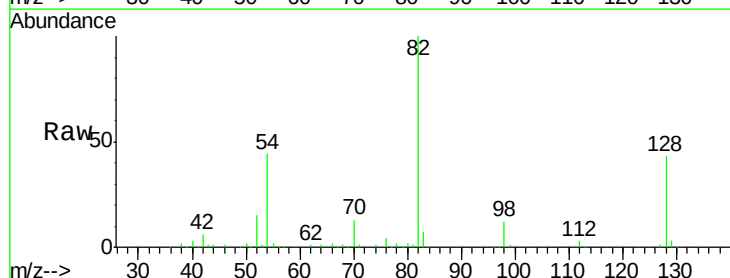
Tgt Ion: 82 Resp: 130123

Ion Ratio Lower Upper

82 100

128 42.8 38.6 57.8

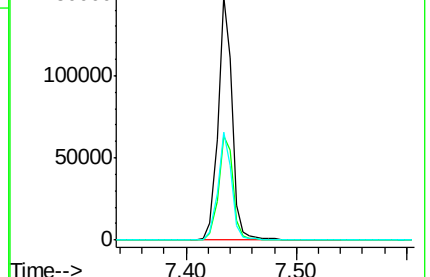
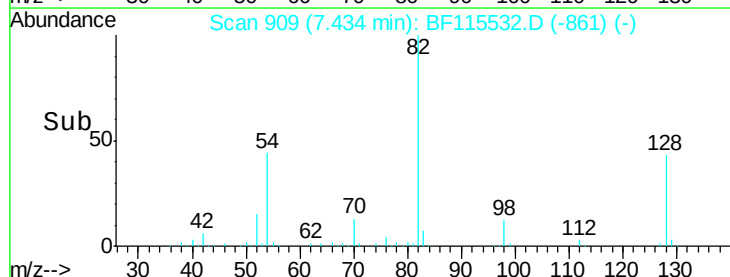
54 44.2 35.6 53.4

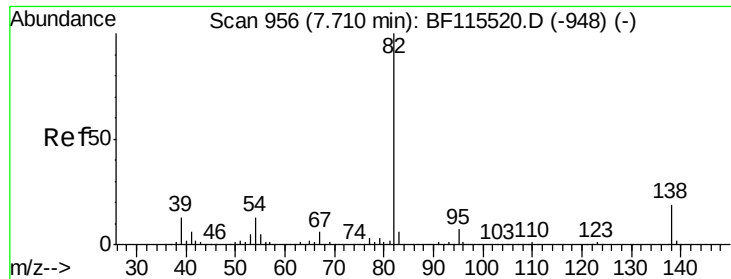


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 6.693 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.28 min

Lab File: BF115532.D

Acq: 12 Jul 2019 17:57

Instrument :

BNA_F

ClientSampleId :

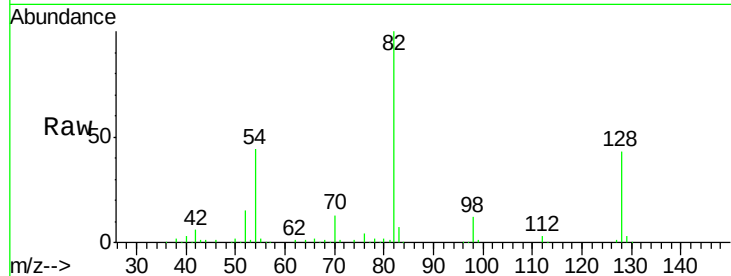
Tot Ion: 82 Resp: 127523

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

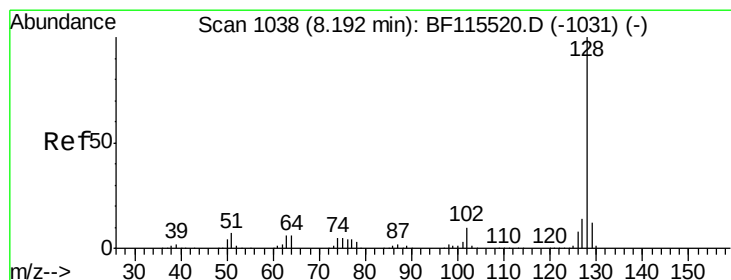
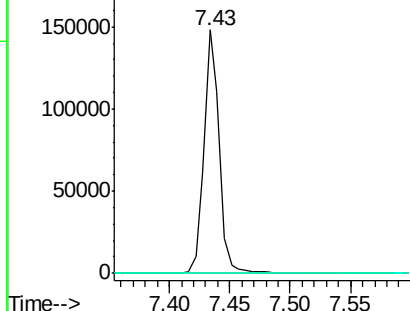
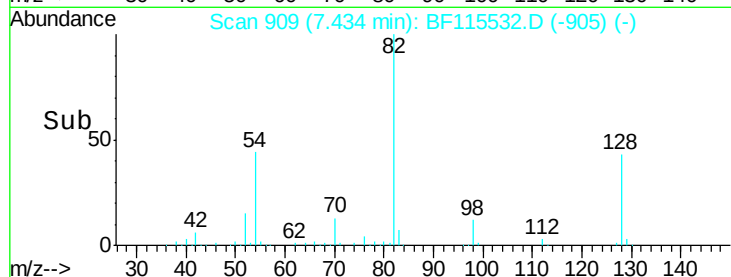
138 0.0 14.9 22.3#



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: 7.870 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF115532.D

Acq: 12 Jul 2019 17:57

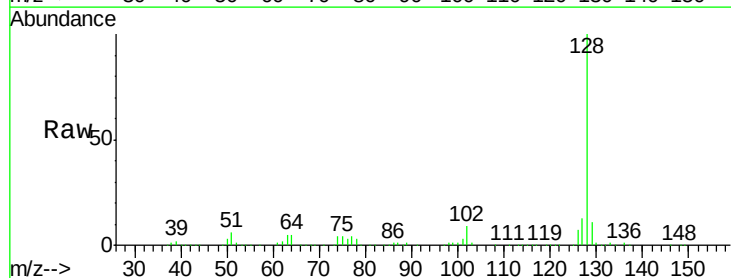
Tgt Ion: 128 Resp: 211045

Ion Ratio Lower Upper

128 100

129 10.8 9.9 14.9

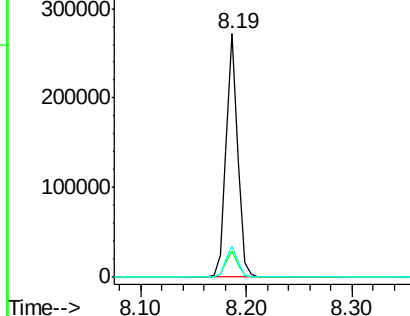
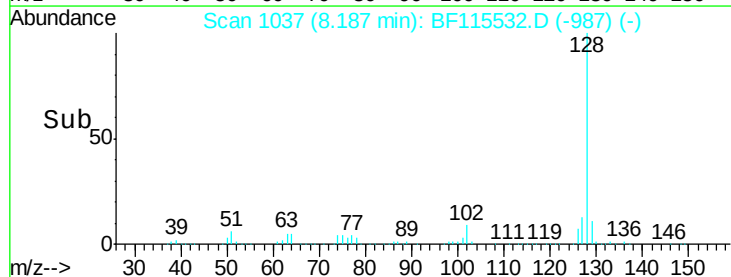
127 12.8 12.1 18.1

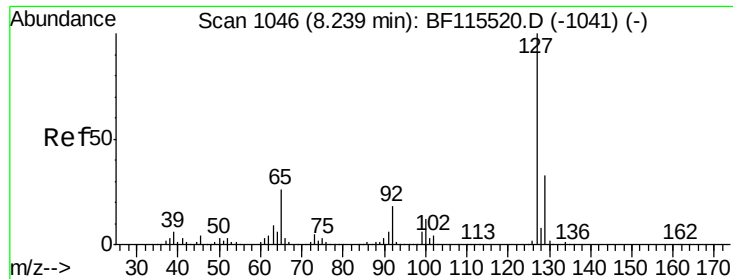


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

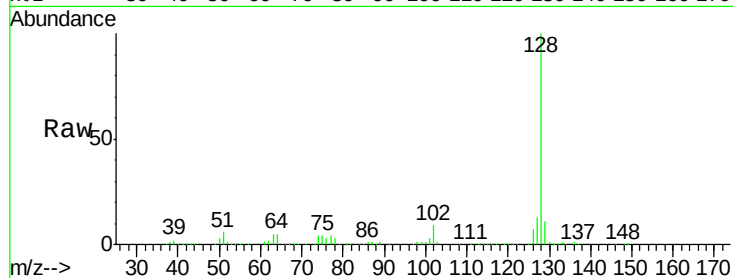




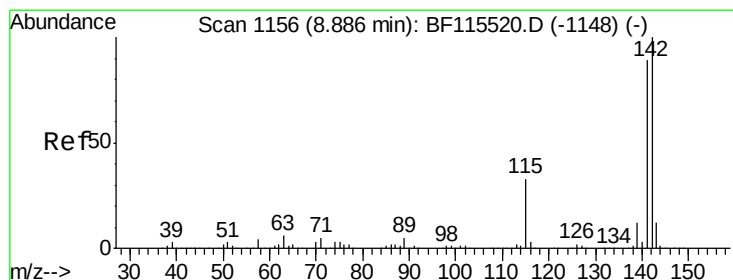
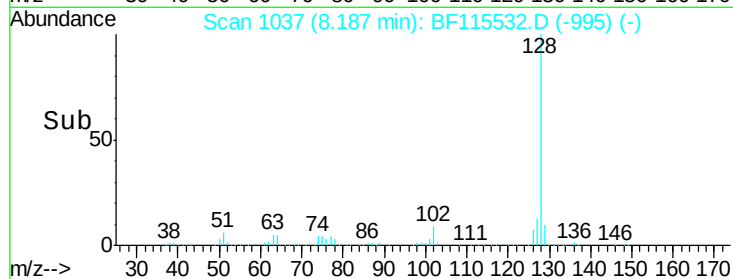
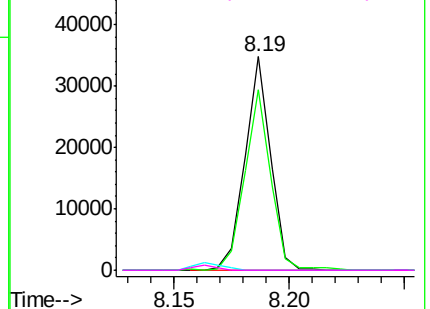
#33
4-Chloroaniline
Concen: 2.277 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.05 min
Lab File: BF115532.D
Acq: 12 Jul 2019 17:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	27048
Ion	Ratio	Lower	Upper
127	100		
129	84.7	26.6	39.8#
65	0.0	23.7	35.5#
92	0.0	15.8	23.8#

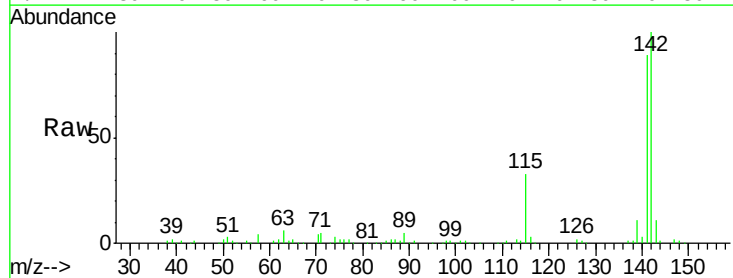


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

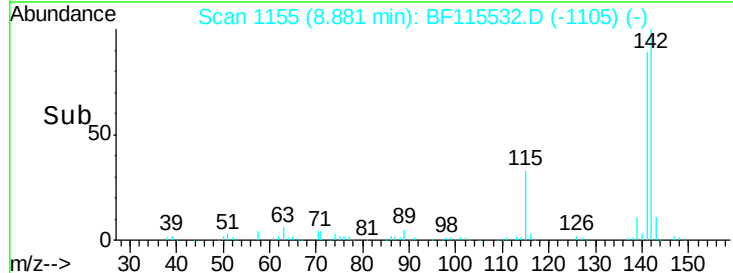
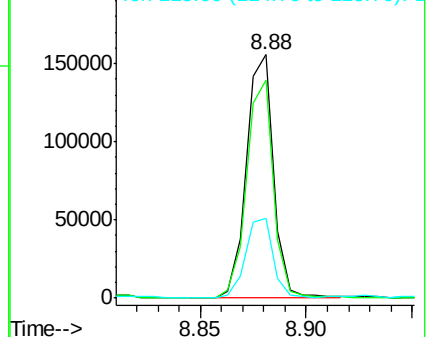


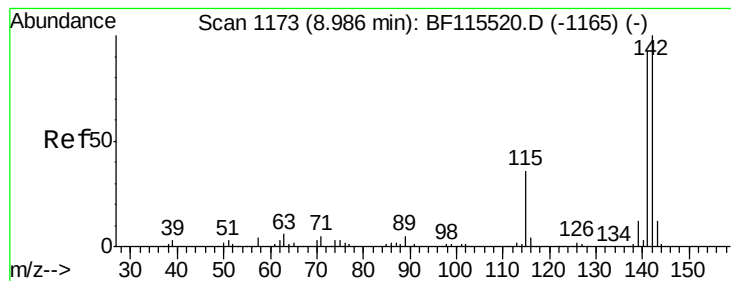
#37
2-Methylnaphthalene
Concen: 7.835 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF115532.D
Acq: 12 Jul 2019 17:57

Tgt Ion:	142	Resp:	139266
Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.0	108.0
115	32.7	29.9	44.9



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: 9.310 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF115532.D

Acq: 12 Jul 2019 17:57

Instrument :

BNA_F

ClientSampleId :

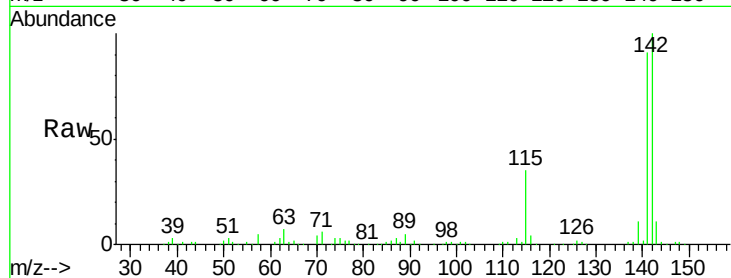
Tot Ion:142 Resp: 157184

Ion Ratio Lower Upper

142 100

141 90.6 75.3 112.9

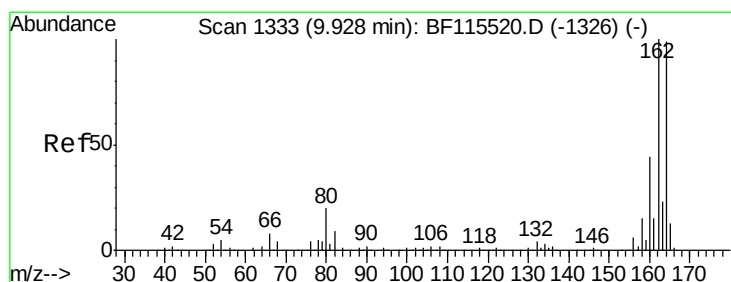
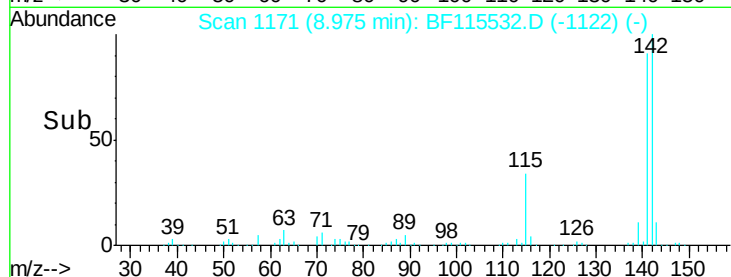
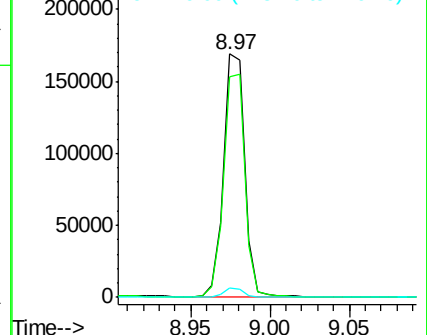
116 3.8 3.3 4.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF115532.D

Acq: 12 Jul 2019 17:57

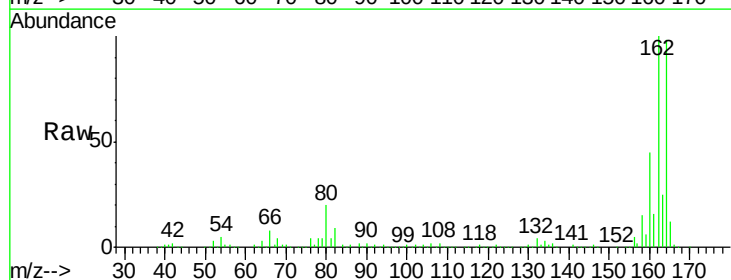
Tgt Ion:164 Resp: 242500

Ion Ratio Lower Upper

164 100

162 102.2 82.9 124.3

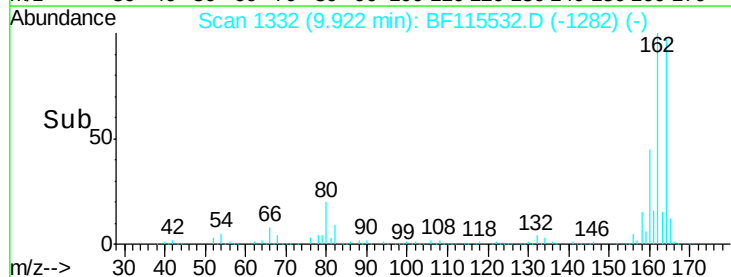
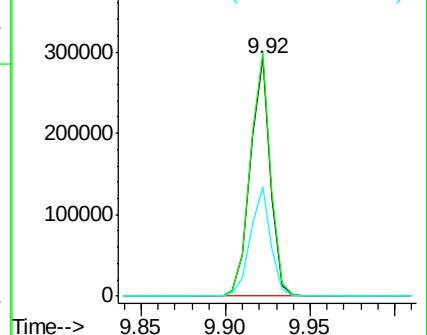
160 45.7 36.8 55.2

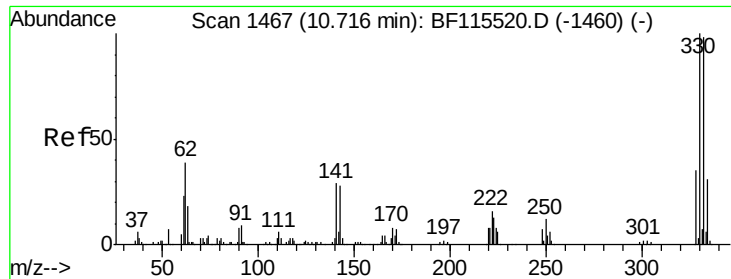


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 15.899 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF115532.D

Acq: 12 Jul 2019 17:57

Instrument :

BNA_F

ClientSampleId :

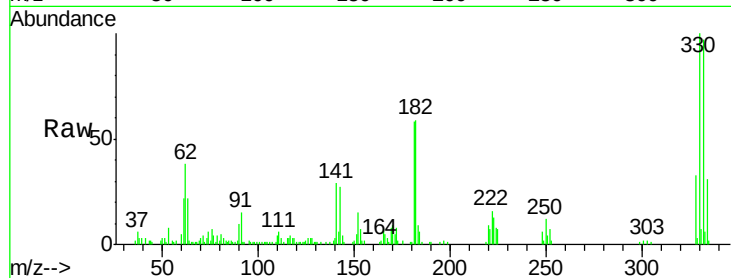
Tot Ion:330 Resp: 45003

Ion Ratio Lower Upper

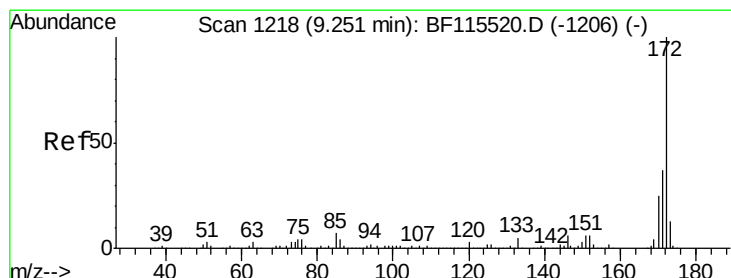
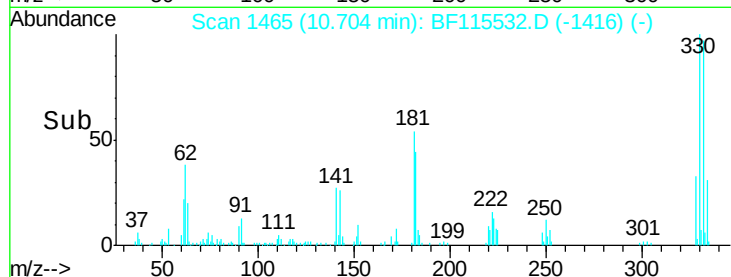
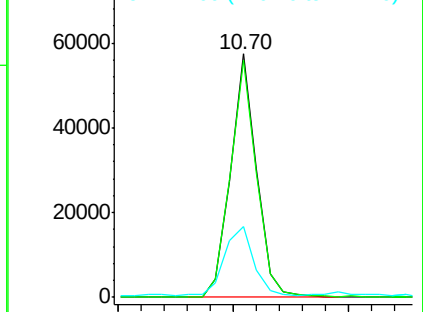
330 100

332 98.4 77.4 116.2

141 31.5 22.4 33.6



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: 18.731 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF115532.D

Acq: 12 Jul 2019 17:57

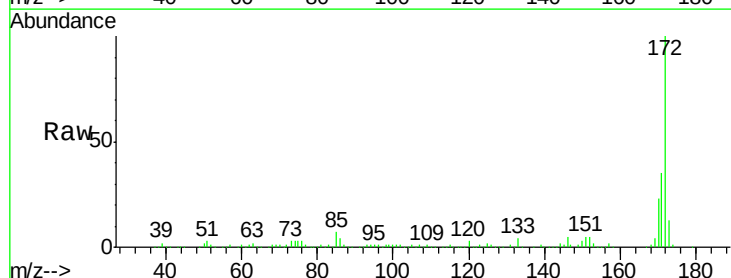
Tgt Ion:172 Resp: 259514

Ion Ratio Lower Upper

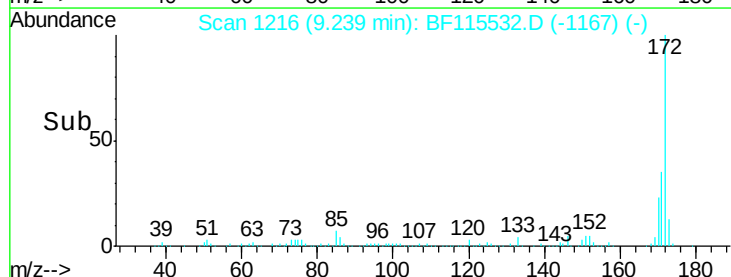
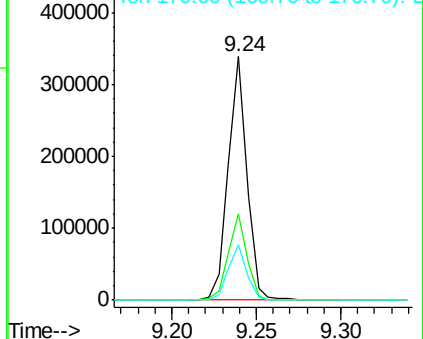
172 100

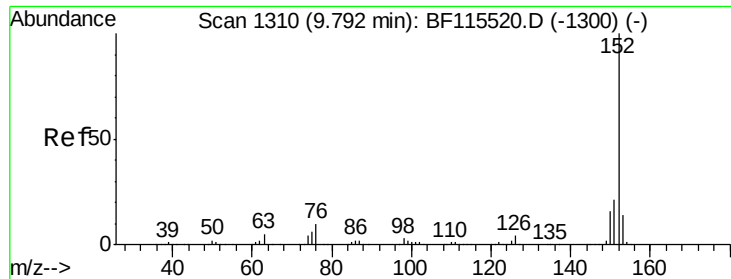
171 35.4 30.6 46.0

170 22.8 20.5 30.7



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

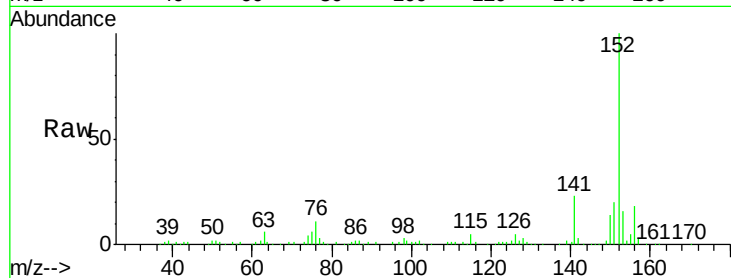




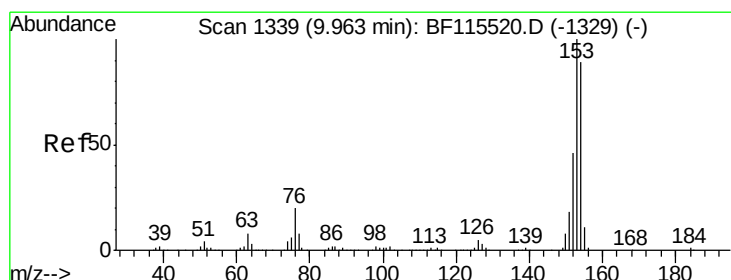
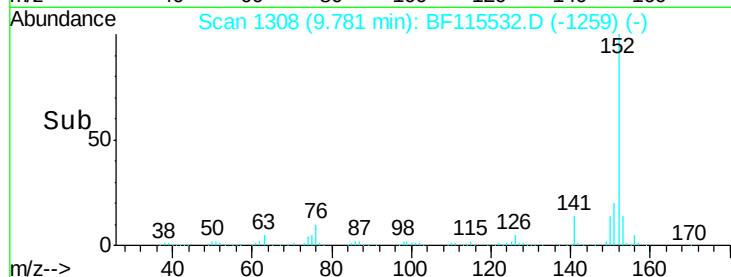
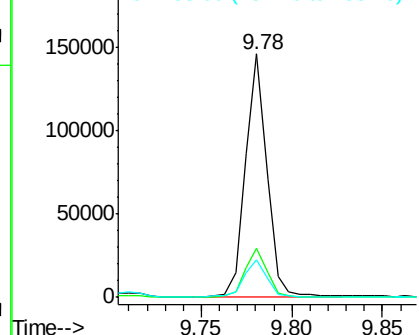
#49
Acenaphthylene
Concen: 5.206 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF115532.D
Acq: 12 Jul 2019 17:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	152	Resp:	121767
Ion	Ratio	Lower	Upper
152	100		
151	20.2	17.7	26.5
153	15.5	12.0	18.0

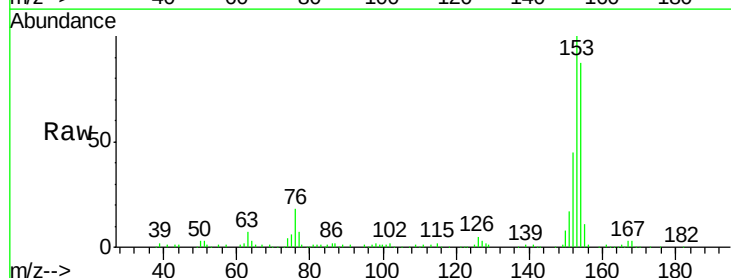


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

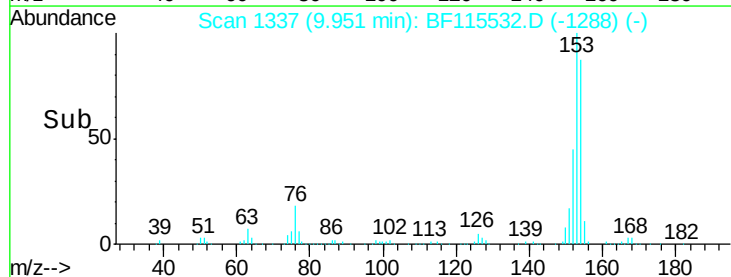
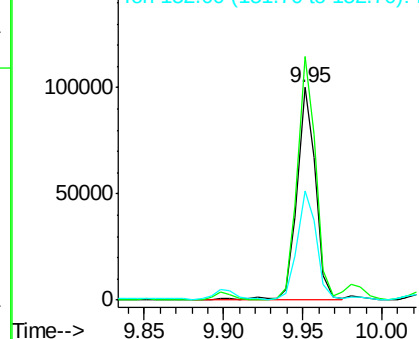


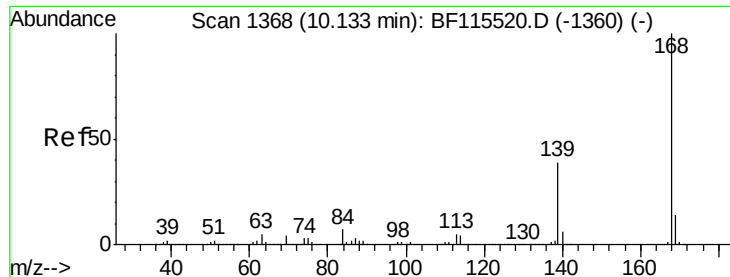
#52
Acenaphthene
Concen: 5.378 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF115532.D
Acq: 12 Jul 2019 17:57

Tgt Ion:	154	Resp:	81208
Ion	Ratio	Lower	Upper
154	100		
153	114.6	88.6	133.0
152	51.3	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

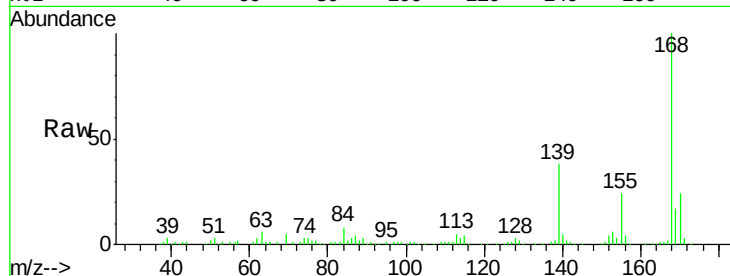




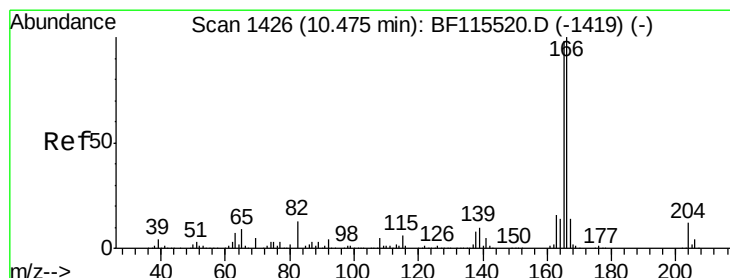
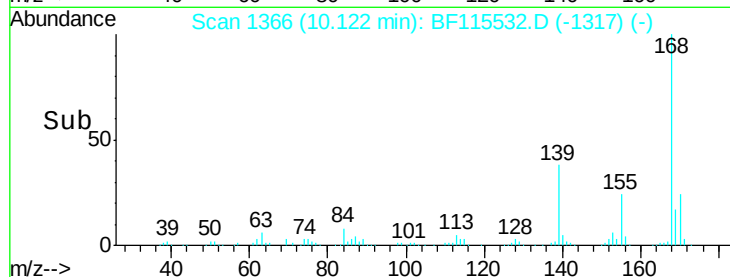
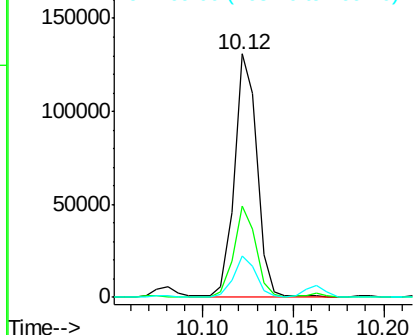
#55
Dibenzenofuran
Concen: 5.289 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF115532.D
Acq: 12 Jul 2019 17:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 113427
Ion Ratio Lower Upper
168 100
139 37.6 31.1 46.7
169 16.8 11.1 16.7#

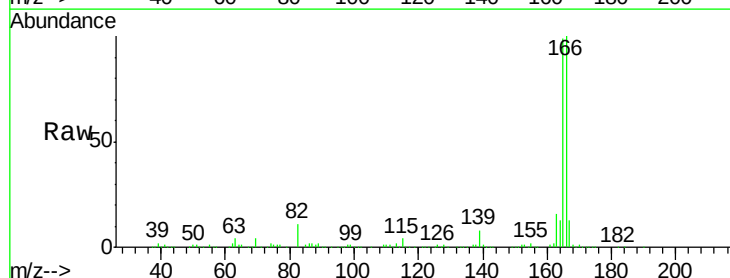


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

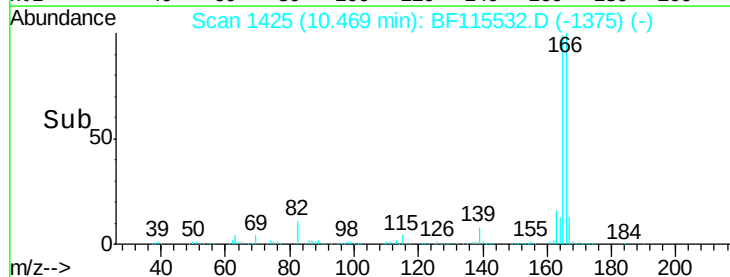
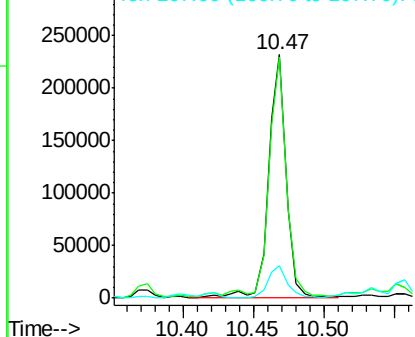


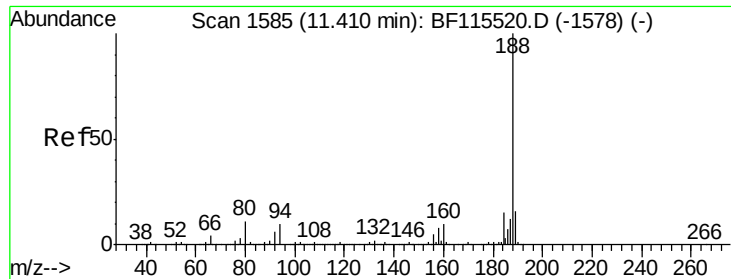
#58
Fluorene
Concen: 13.045 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF115532.D
Acq: 12 Jul 2019 17:57

Tgt Ion:166 Resp: 200001
Ion Ratio Lower Upper
166 100
165 98.8 79.8 119.6
167 13.4 11.2 16.8



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

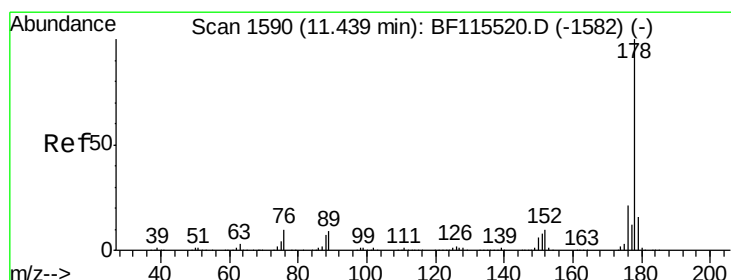
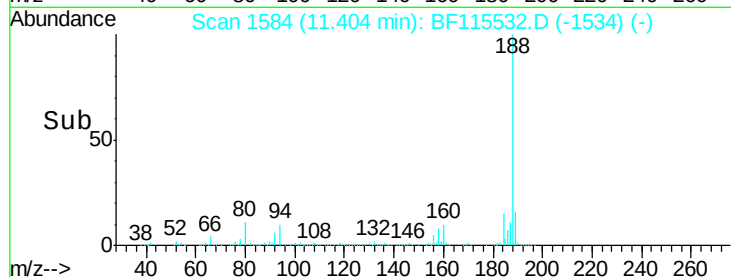
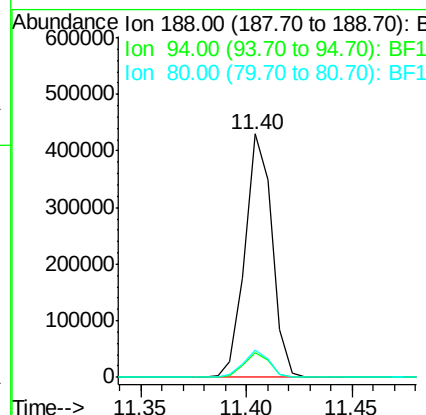
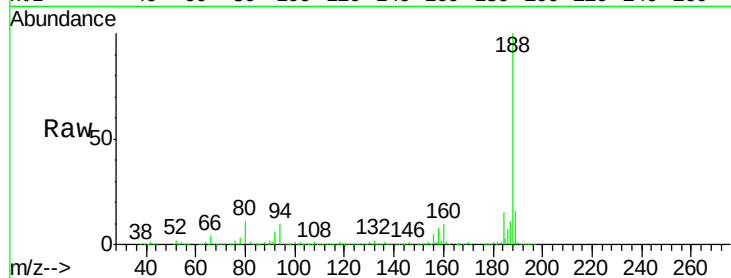




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115532.D
Acq: 12 Jul 2019 17:57

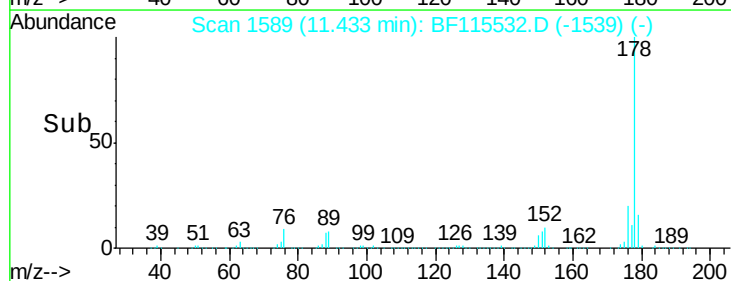
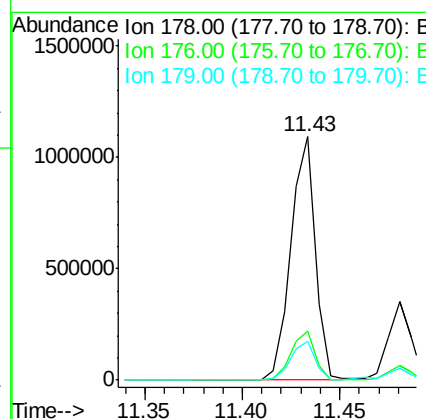
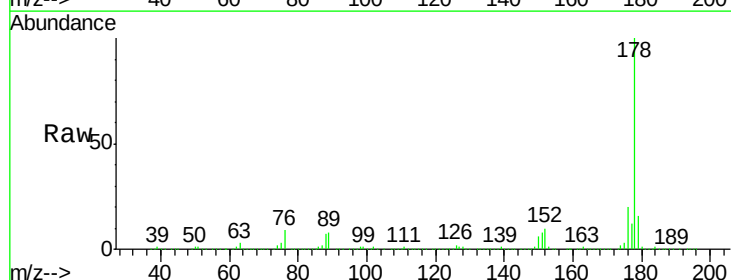
Instrument :
BNA_F
ClientSampled :

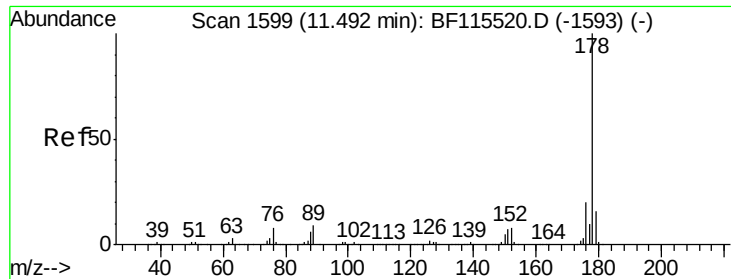
Tot Ion:188 Resp: 381685
Ion Ratio Lower Upper
188 100
94 10.3 7.8 11.6
80 11.2 8.6 13.0



#71
Phenanthrene
Concen: 48.336 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF115532.D
Acq: 12 Jul 2019 17:57

Tgt Ion:178 Resp: 945683
Ion Ratio Lower Upper
178 100
176 20.2 17.2 25.8
179 16.0 13.5 20.3





#72

Anthracene

Concen: 13.642 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF115532.D

Acq: 12 Jul 2019 17:57

Instrument :

BNA_F

ClientSampled :

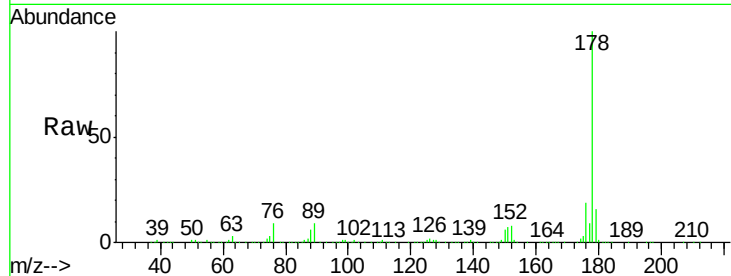
Tot Ion:178 Resp: 275829

Ion Ratio Lower Upper

178 100

176 18.7 15.9 23.9

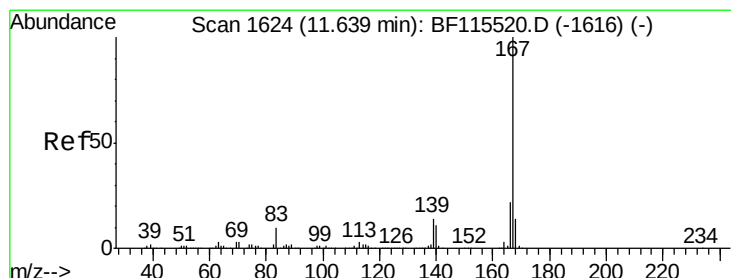
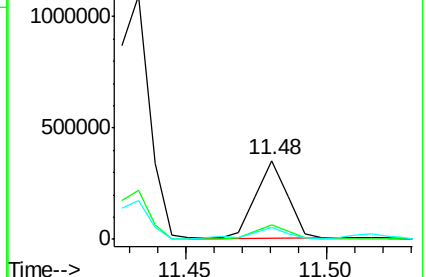
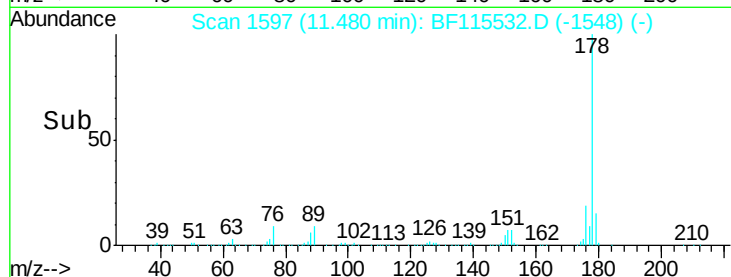
179 15.6 12.7 19.1



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: 3.312 ng

RT: 11.63 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BF115532.D

Acq: 12 Jul 2019 17:57

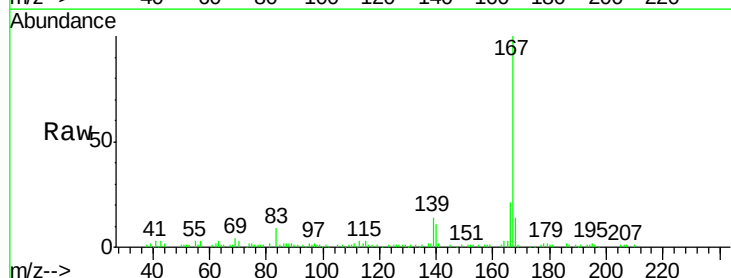
Tgt Ion:167 Resp: 58727

Ion Ratio Lower Upper

167 100

166 21.2 18.1 27.1

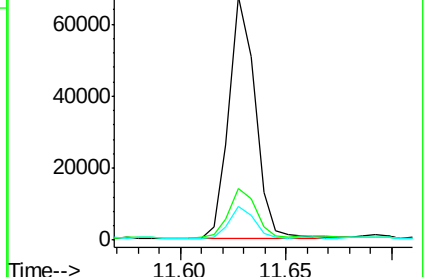
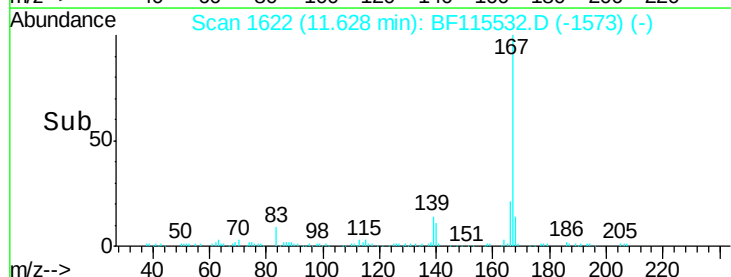
139 14.0 11.3 16.9

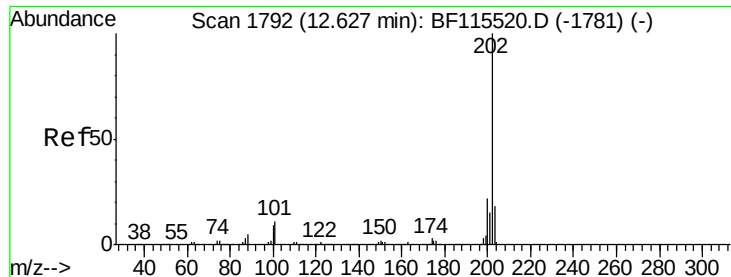


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 41.361 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF115532.D

Acq: 12 Jul 2019 17:57

Instrument :

BNA_F

ClientSampleId :

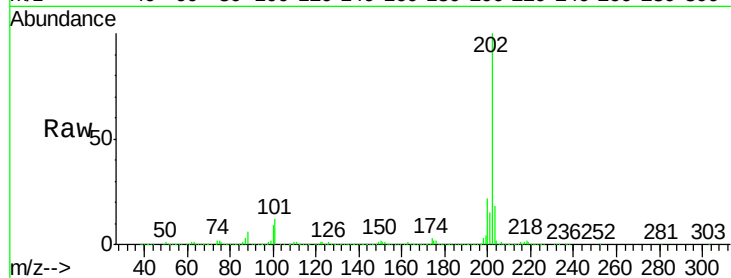
Tot Ion:202 Resp: 855138

Ion Ratio Lower Upper

202 100

101 11.6 0.0 31.4

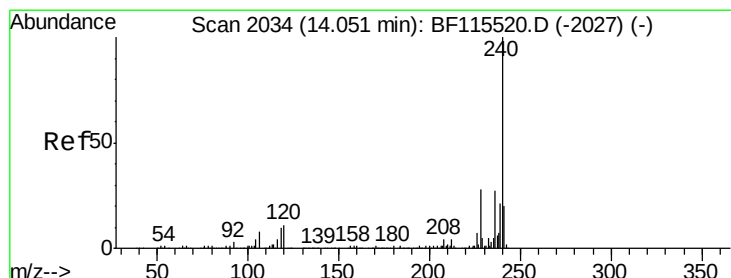
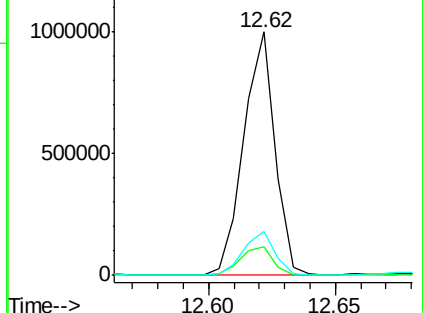
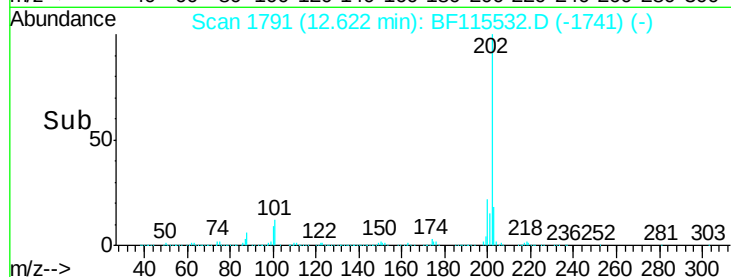
203 18.0 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF115532.D

Acq: 12 Jul 2019 17:57

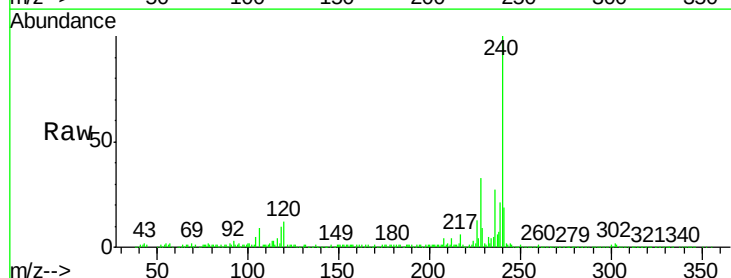
Tgt Ion:240 Resp: 311815

Ion Ratio Lower Upper

240 100

120 11.7 8.6 13.0

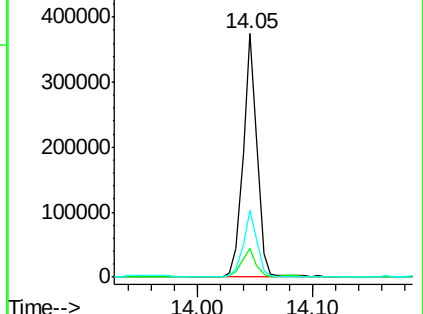
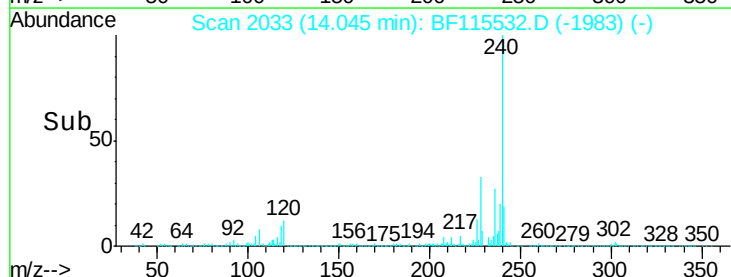
236 27.3 21.3 31.9

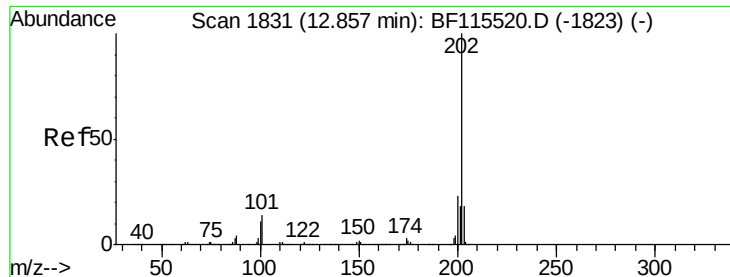


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

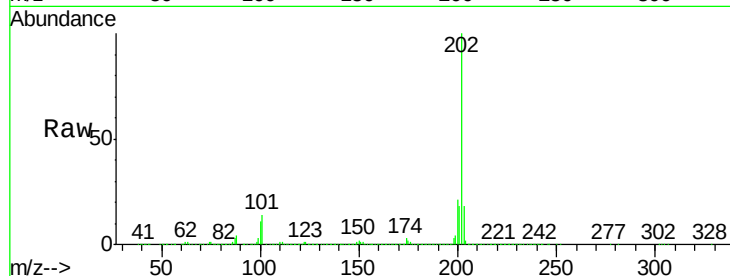




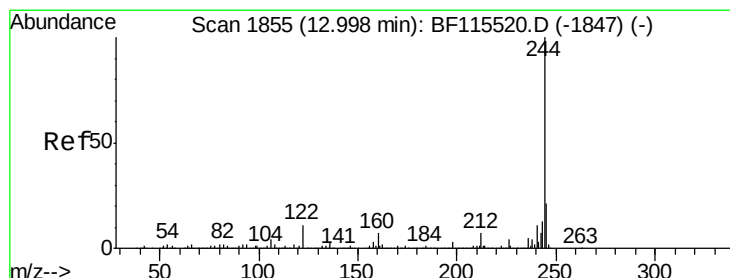
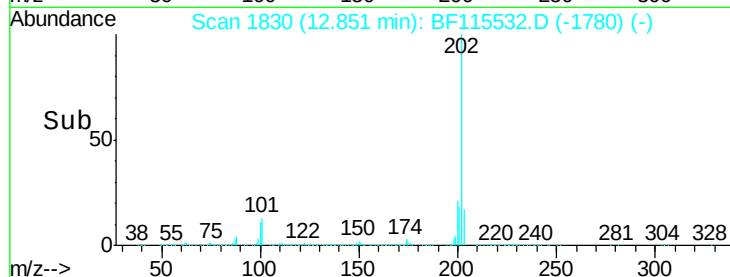
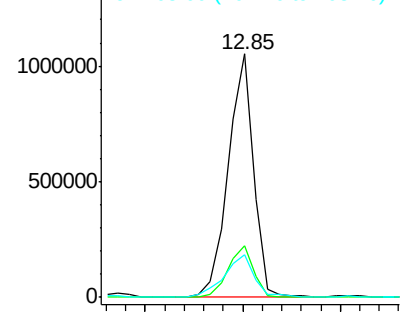
#78
Pvrene
Concen: 35.658 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF115532.D
Acq: 12 Jul 2019 17:57

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	18.7	28.1
203	17.7	15.2	22.8

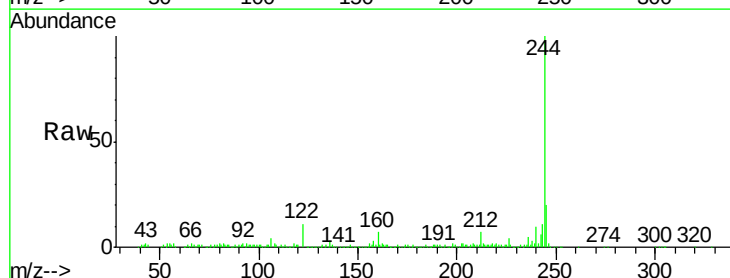


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

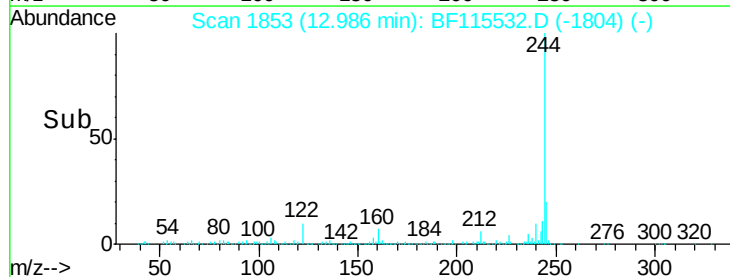
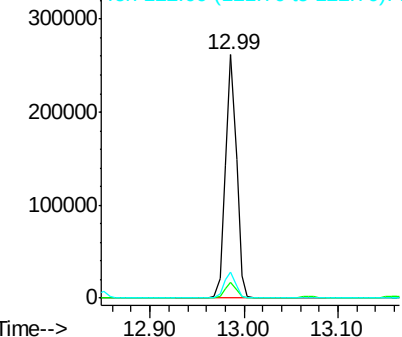


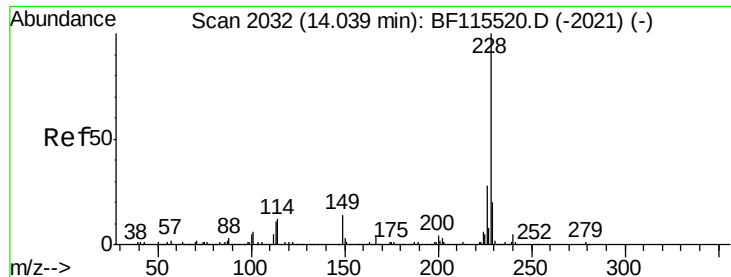
#79
Terphenyl-d14
Concen: 12.777 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF115532.D
Acq: 12 Jul 2019 17:57

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	10.6	8.6	12.8



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

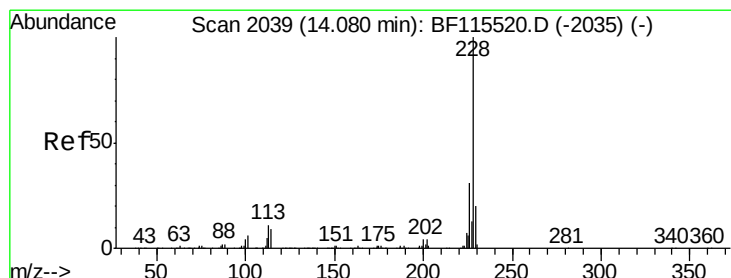
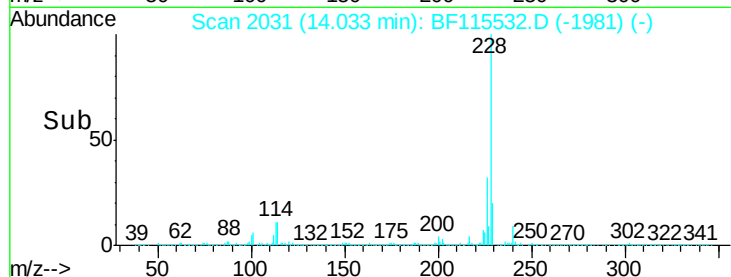
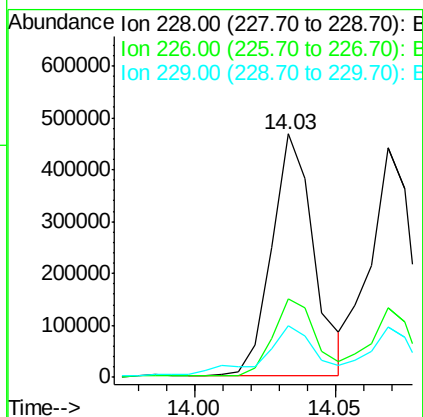
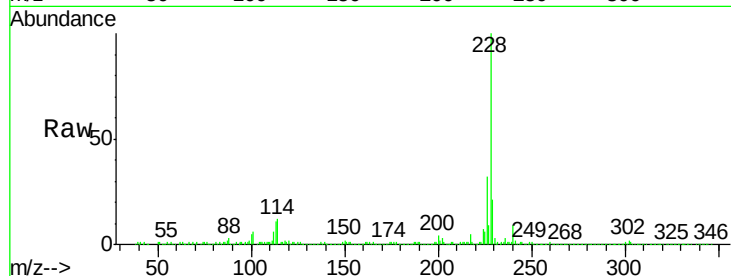




#81
Benzo(a)anthracene
Concen: 23.524 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF115532.D
Acq: 12 Jul 2019 17:57

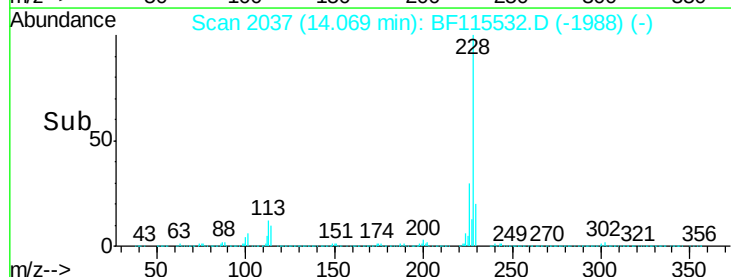
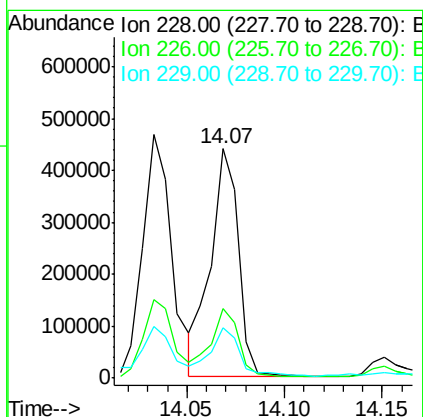
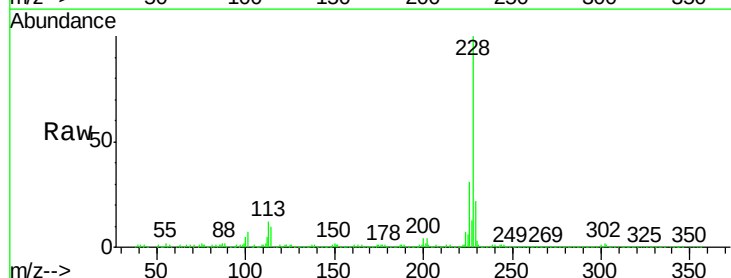
Instrument :
BNA_F
ClientSampleId :

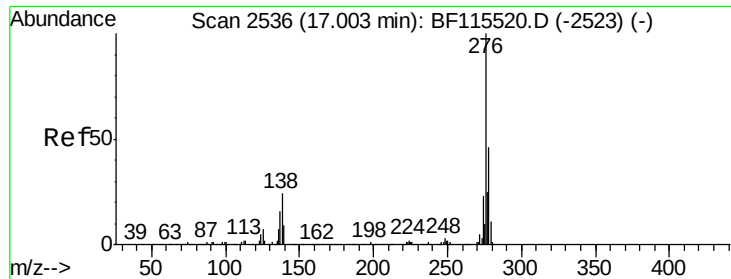
Tot Ion:228 Resp: 483232
Ion Ratio Lower Upper
228 100
226 32.1 23.4 35.0
229 21.0 17.2 25.8



#83
Chrysene
Concen: 21.157 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF115532.D
Acq: 12 Jul 2019 17:57

Tgt Ion:228 Resp: 436289
Ion Ratio Lower Upper
228 100
226 30.6 25.7 38.5
229 22.0 16.6 25.0

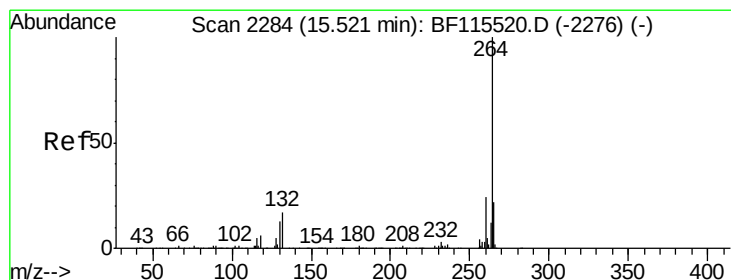
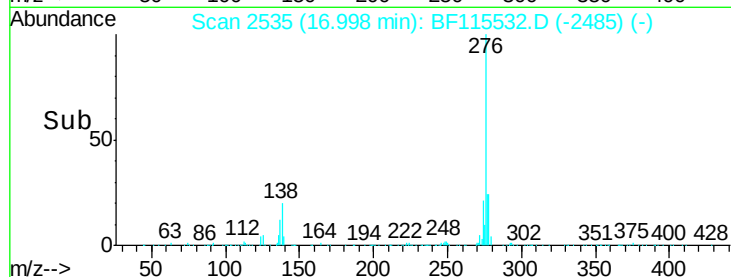
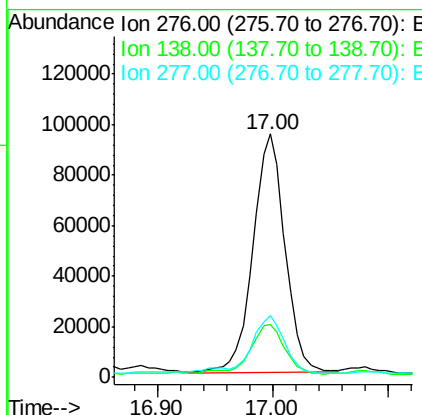
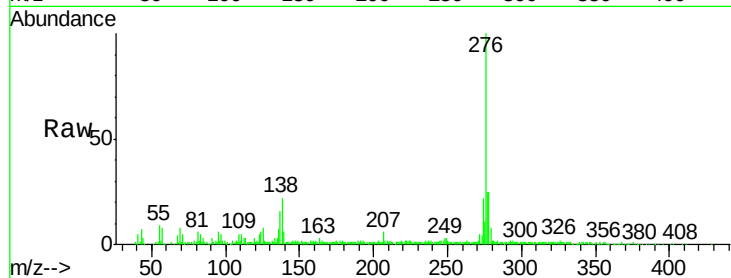




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 10.479 ng
 RT: 17.00 min Scan# 2535
 Delta R.T. -0.01 min
 Lab File: BF115532.D
 Acq: 12 Jul 2019 17:57

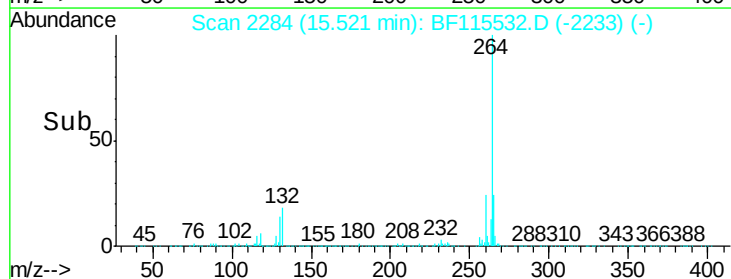
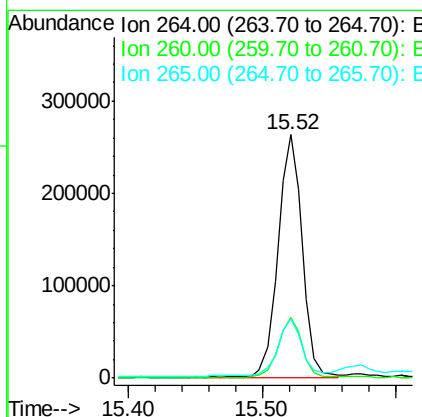
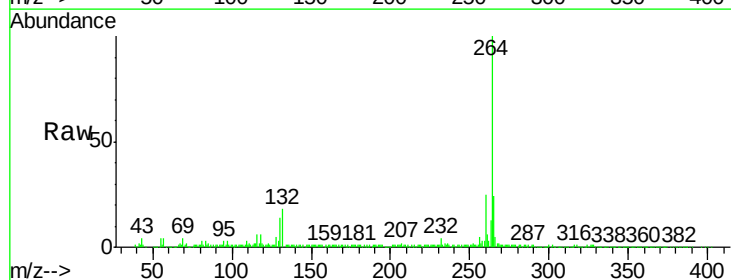
Instrument :
 BNA_F
 ClientSampleId :

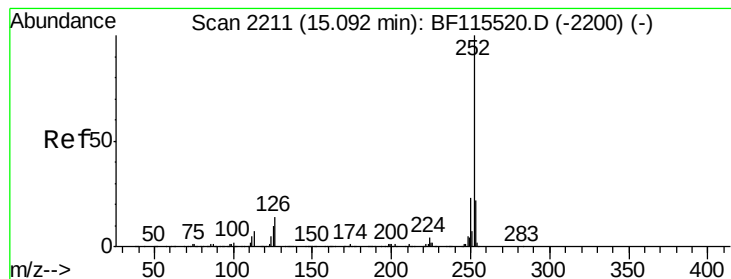
Tot Ion	Ratio	Lower	Upper
276	100		
138	21.9	20.2	30.2
277	25.4	20.4	30.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: BF115532.D
 Acq: 12 Jul 2019 17:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.8
265	24.3	17.7	26.5





#88

Benzo(b)fluoranthene

Concen: 32.087 ng

RT: 15.09 min Scan# 2211

Delta R.T. 0.00 min

Lab File: BF115532.D

Acq: 12 Jul 2019 17:57

Instrument :

BNA_F

ClientSampleId :

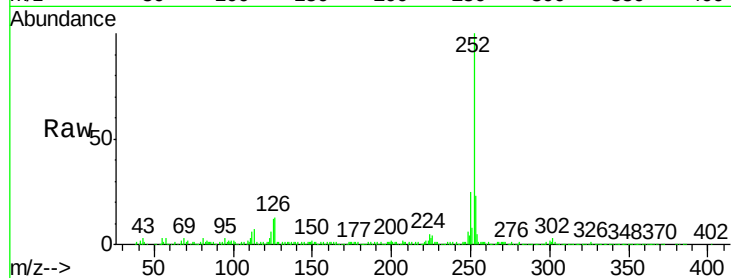
Tot Ion:252 Resp: 687378

Ion Ratio Lower Upper

252 100

253 22.7 18.1 27.1

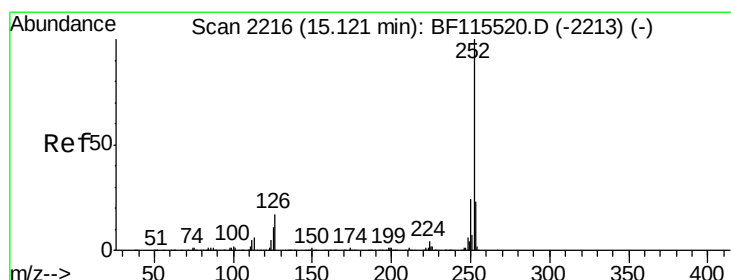
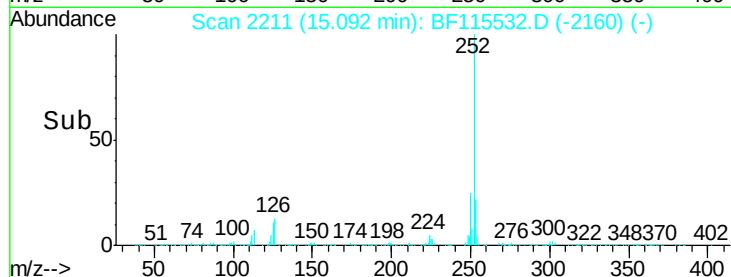
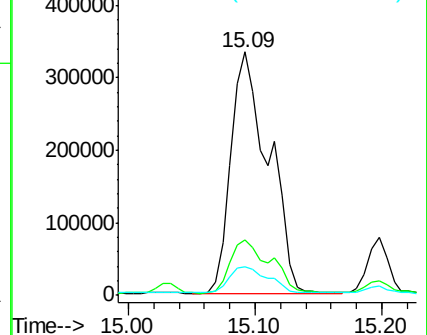
125 11.7 9.0 13.4



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



#89

Benzo(k)fluoranthene

Concen: 35.990 ng

RT: 15.09 min Scan# 2211

Delta R.T. -0.03 min

Lab File: BF115532.D

Acq: 12 Jul 2019 17:57

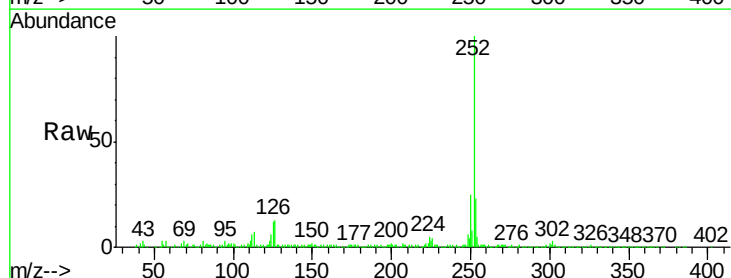
Tgt Ion:252 Resp: 687378

Ion Ratio Lower Upper

252 100

253 22.7 18.6 28.0

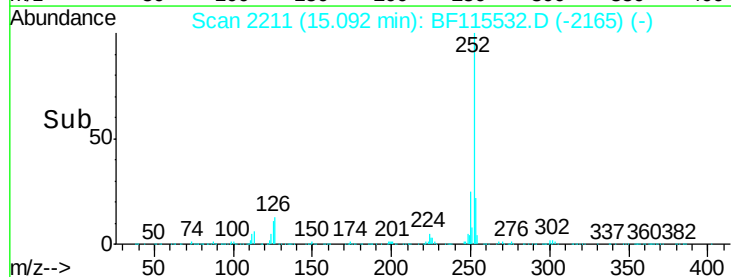
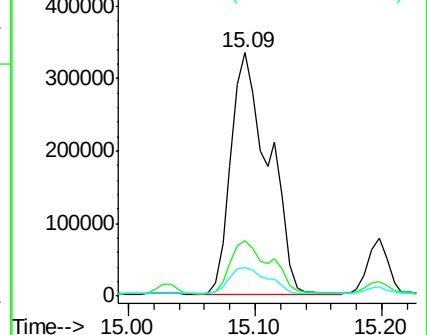
125 11.7 9.0 13.6

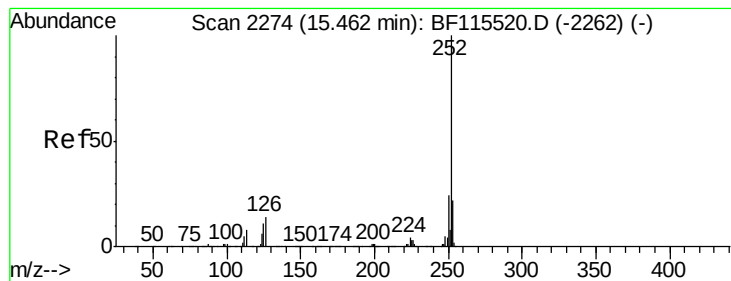


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 20.991 ng

RT: 15.46 min Scan# 2273

Delta R.T. -0.01 min

Lab File: BF115532.D

Acq: 12 Jul 2019 17:57

Instrument :

BNA_F

ClientSampleId :

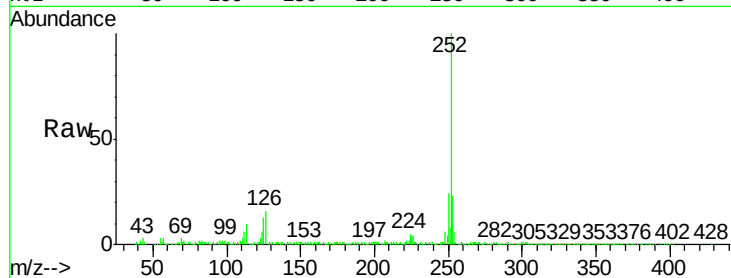
Tot Ion:252 Resp: 386503

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.6

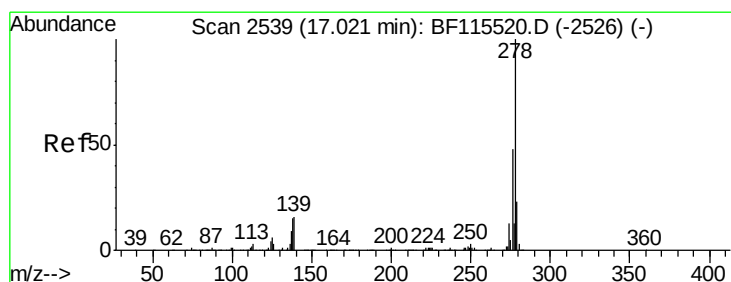
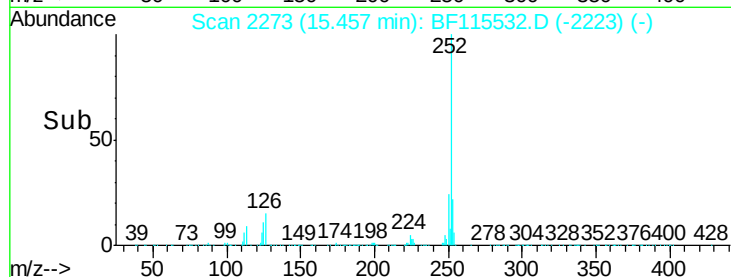
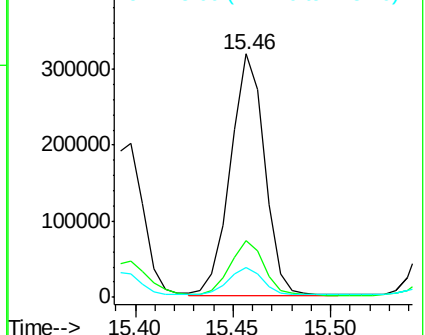
125 12.5 9.1 13.7



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: 3.292 ng

RT: 17.01 min Scan# 2537

Delta R.T. -0.01 min

Lab File: BF115532.D

Acq: 12 Jul 2019 17:57

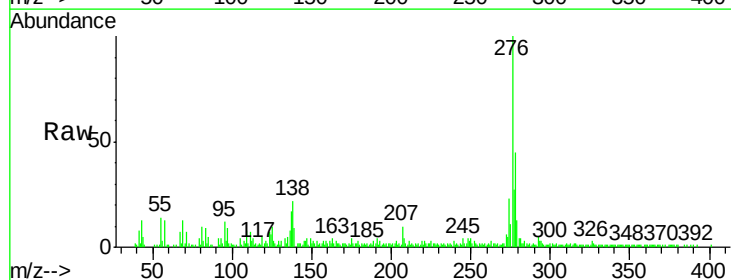
Tgt Ion:278 Resp: 53208

Ion Ratio Lower Upper

278 100

139 20.6 13.1 19.7#

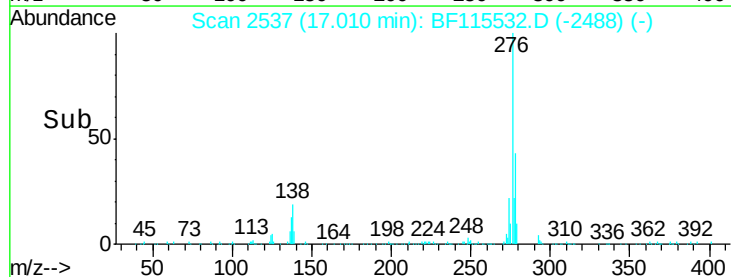
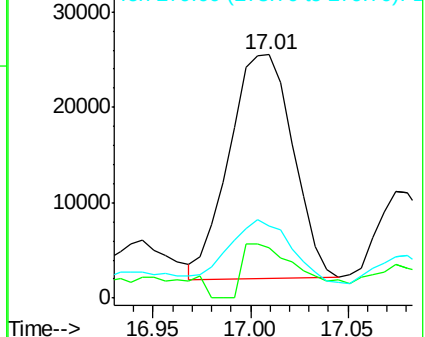
279 29.4 19.6 29.4

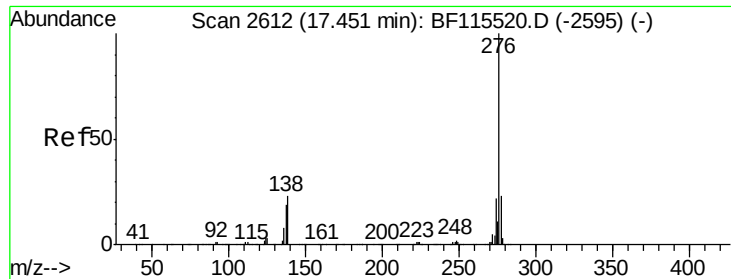


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

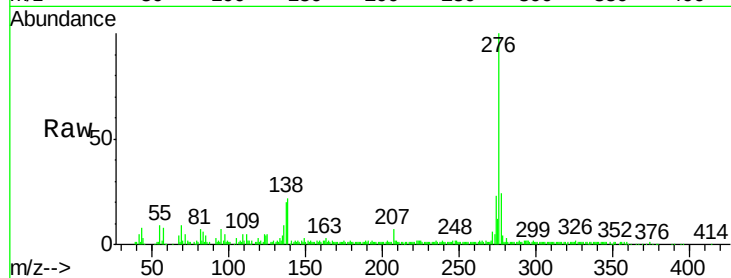




#92
 Benzo(a,h,i)perylene
 Concen: 9.800 ng
 RT: 17.44 min Scan# 2611
 Delta R.T. -0.01 min
 Lab File: BF115532.D
 Acq: 12 Jul 2019 17:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.0	28.4
138	21.8	17.2	25.8



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

