

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072319\
 Data File : BF115738.D
 Acq On : 23 Jul 2019 23:55
 Operator : HP/JU
 Sample : K3943-01 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PA-71619

Quant Time: Jul 24 05:00:00 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	6.87	152	162563	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	604227	20.00	ng	-0.02
39) Acenaphthene-d10	9.91	164	276054	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	357611	20.00	ng	0.00
76) Chrysene-d12	14.06	240	276078	20.00	ng	0.00
87) Perylene-d12	15.53	264	307250	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	510692	51.39	ng	-0.01
7) Phenol-d6	6.50	99	656093	52.03	ng	-0.02
23) Nitrobenzene-d5	7.43	82	405788	39.05	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	125369	38.91	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	733712	46.52	ng	-0.02
79) Terphenyl-d14	12.99	244	543257	36.31	ng	0.00

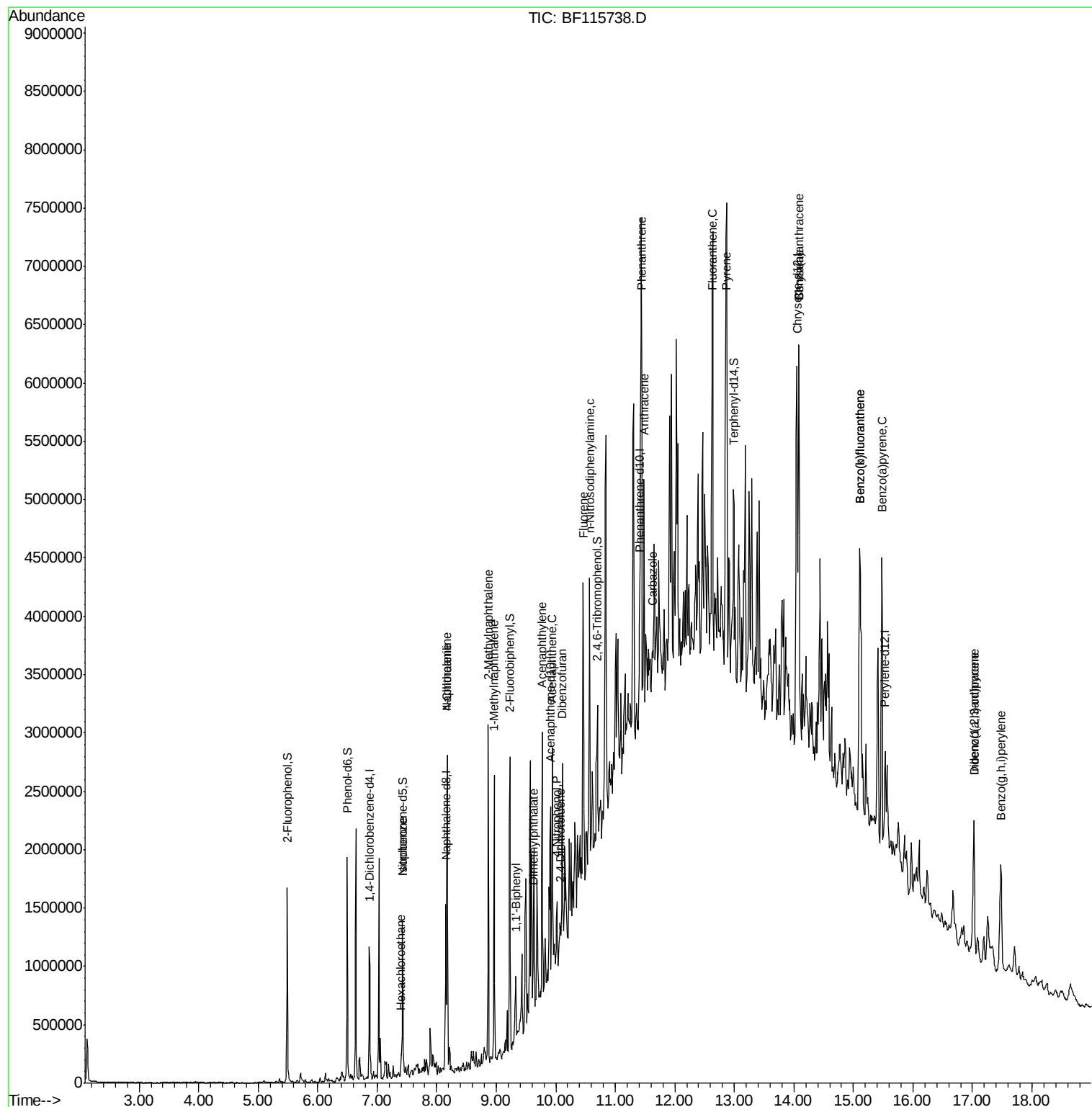
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Hexachloroethane	7.40	117	15468	3.251	ng	# 1
25) Isophorone	7.43	82	397260	19.105	ng	# 65
31) Naphthalene	8.17	128	1090523	37.266	ng	97
33) 4-Chloroaniline	8.17	127	151066	11.655	ng	# 33
37) 2-Methylnaphthalene	8.87	142	785469	40.493	ng	97
38) 1-Methylnaphthalene	8.97	142	673861	36.574	ng	97
46) 1,1'-Biphenyl	9.33	154	135065	6.258	ng	96
49) Acenaphthylene	9.77	152	741794	27.859	ng	97
50) Dimethylphthalate	9.62	163	106661	5.135	ng	# 98
52) Acenaphthene	9.95	154	395290	22.994	ng	97
55) Dibenzofuran	10.12	168	297080	12.169	ng	# 94
56) 4-Nitrophenol	10.01	139	12575	3.057	ng	# 7
57) 2,4-Dinitrotoluene	10.08	165	14153	2.314	ng	# 55
58) Fluorene	10.46	166	776608	44.498	ng	98
66) n-Nitrosodiphenylamine	10.57	169	92082	8.278	ng	92
71) Phenanthrene	11.44	178	3125231	170.491	ng	100
72) Anthracene	11.48	178	963662	50.868	ng	99
73) Carbazole	11.63	167	129264	7.781	ng	# 86
75) Fluoranthene	12.64	202	2791894	144.129	ng	98
78) Pyrene	12.87	202	3326977	142.237	ng	98
81) Benzo(a)anthracene	14.09	228	1821147	100.129	ng	94
83) Chrysene	14.09	228	1821147	99.743	ng	96
86) Indeno(1,2,3-cd)pyrene	17.03	276	824167	53.131	ng	98
88) Benzo(b)fluoranthene	15.11	252	2461175	124.400	ng	96
89) Benzo(k)fluoranthene	15.11	252	2461175	139.531	ng	97
90) Benzo(a)pyrene	15.48	252	1447385	85.118	ng	97
91) Dibenzo(a,h)anthracene	17.03	278	223196	14.951	ng	# 89
92) Benzo(g,h,i)perylene	17.48	276	861471	57.862	ng	97

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

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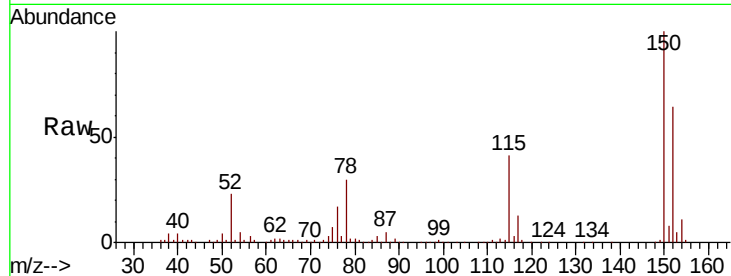


#1

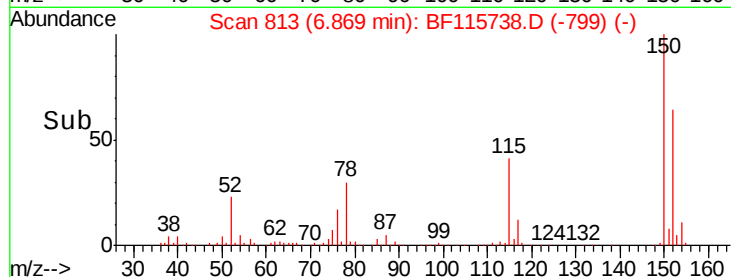
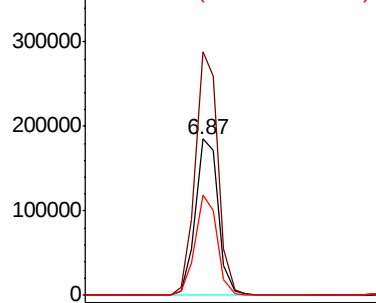
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.02 min
Lab File: BF115738.D
Acq: 23 Jul 2019 23:55

Instrument :
BNA_F
ClientSampleId :
PA-71619

Tgt Ion:152 Resp: 162563
Ion Ratio Lower Upper
152 100
150 155.7 129.7 194.5
115 63.8 48.2 72.4



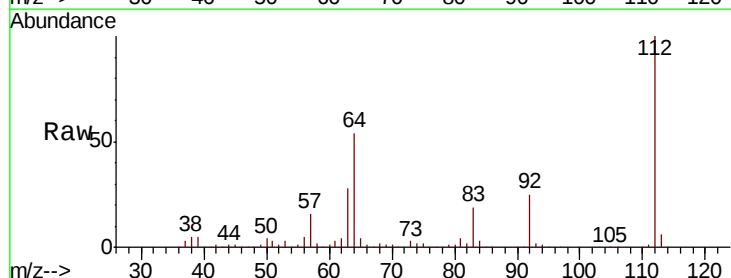
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



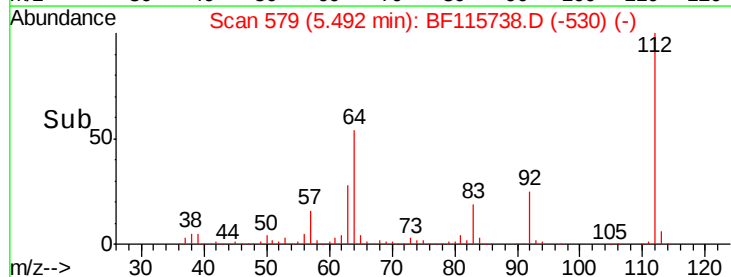
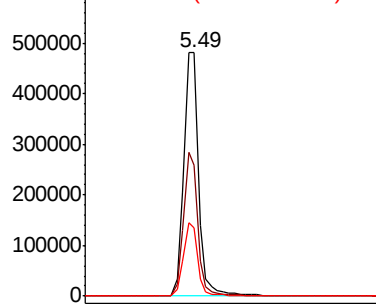
#5

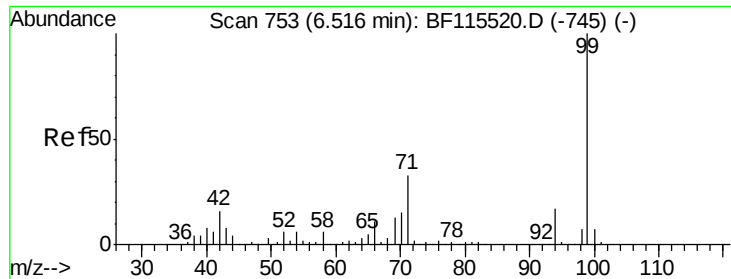
2-Fluorophenol
Concen: 51.386 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF115738.D
Acq: 23 Jul 2019 23:55

Tgt Ion:112 Resp: 510692
Ion Ratio Lower Upper
112 100
64 53.6 46.8 70.2
63 27.9 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: 52.027 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF115738.D

Acq: 23 Jul 2019 23:55

Instrument :

BNA_F

ClientSampleId :

PA-71619

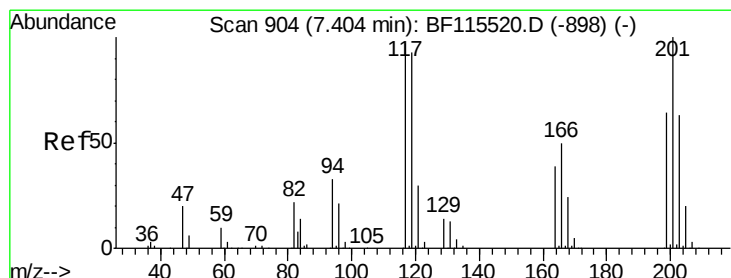
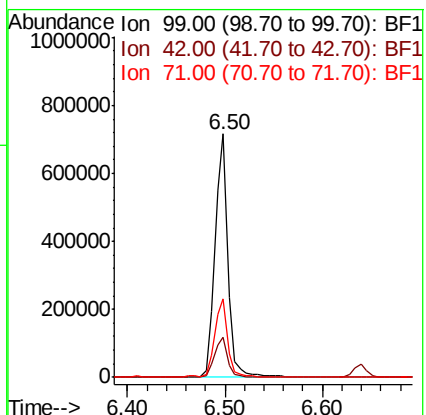
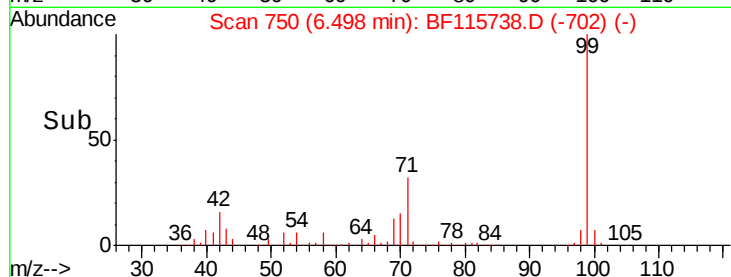
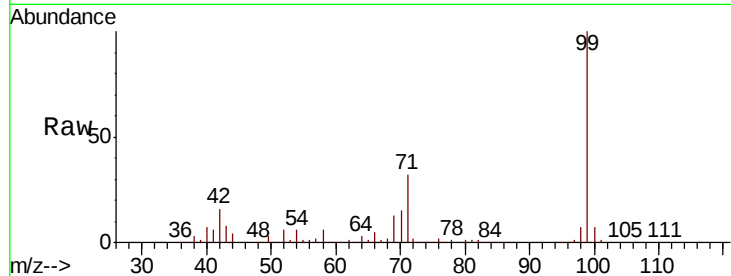
Tgt Ion: 99 Resp: 656093

Ion Ratio Lower Upper

99 100

42 16.2 13.6 20.4

71 32.4 28.5 42.7



#18

Hexachloroethane

Concen: 3.251 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.00 min

Lab File: BF115738.D

Acq: 23 Jul 2019 23:55

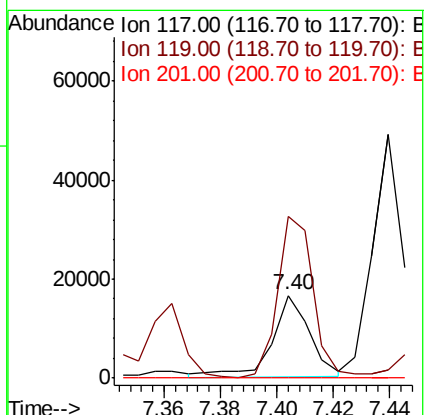
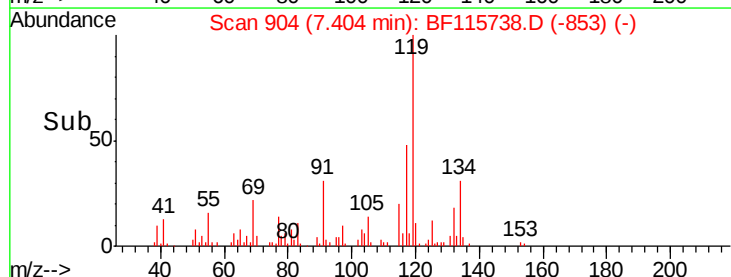
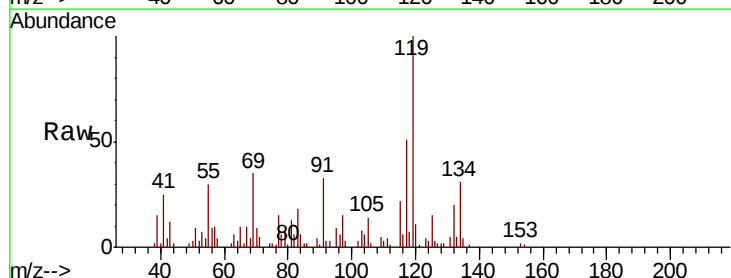
Tgt Ion: 117 Resp: 15468

Ion Ratio Lower Upper

117 100

119 196.3 77.7 116.5#

201 0.0 86.0 129.0#

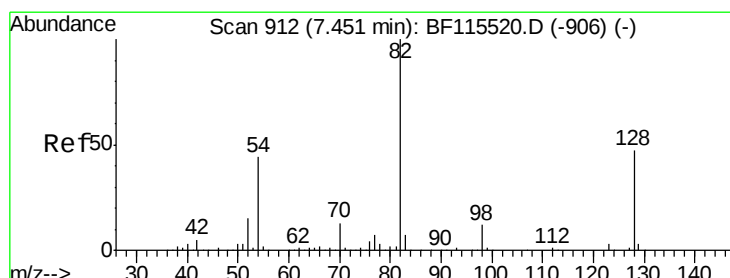
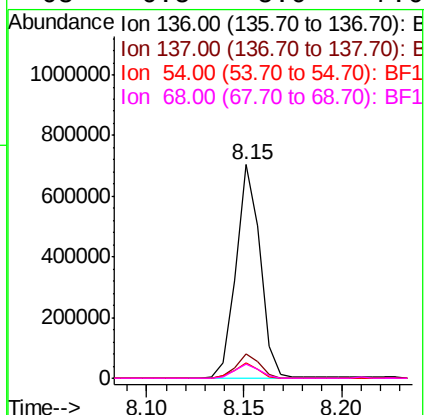
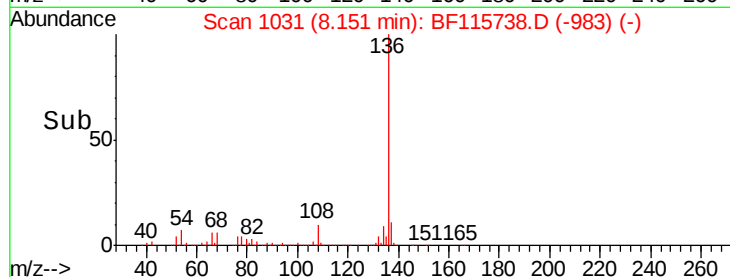
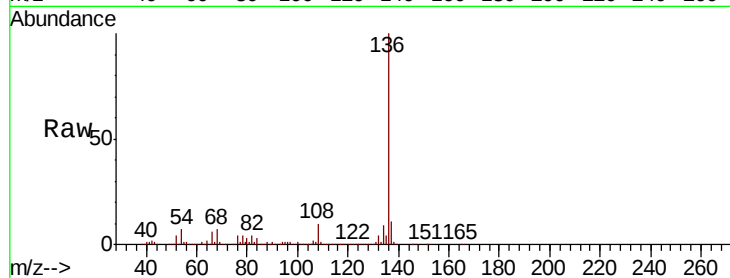




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF115738.D
Acq: 23 Jul 2019 23:55

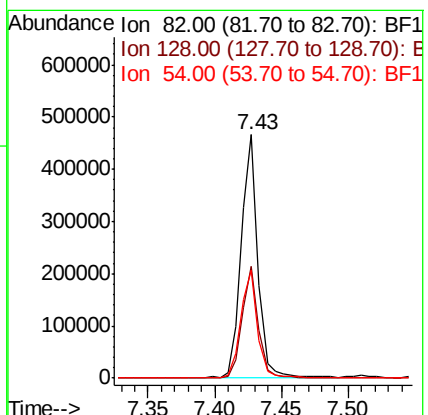
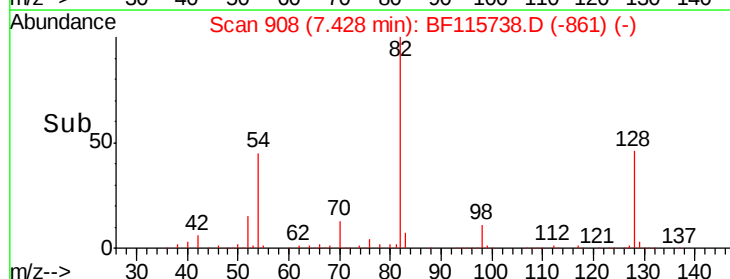
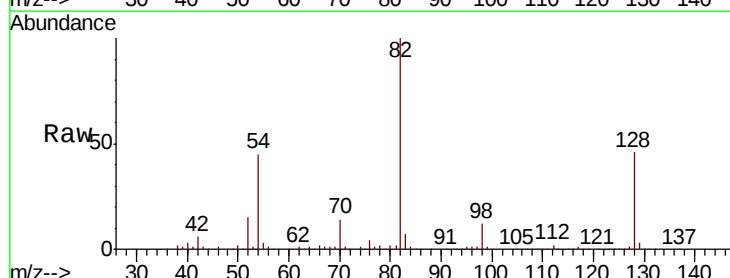
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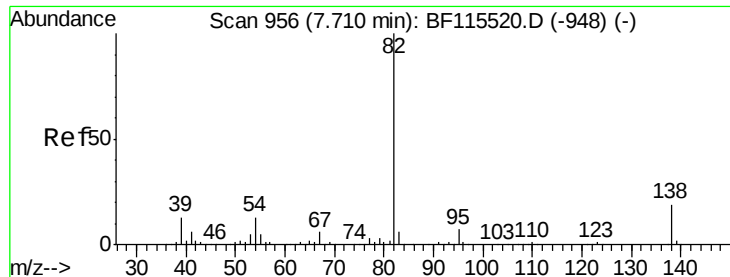
Tgt Ion:	136	Resp:	604227
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	7.3	5.6	8.4
68	6.5	5.0	7.6



#23
Nitrobenzene-d5
Concen: 39.050 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.02 min
Lab File: BF115738.D
Acq: 23 Jul 2019 23:55

Tgt Ion:	82	Resp:	405788
Ion	Ratio	Lower	Upper
82	100		
128	45.7	38.6	57.8
54	44.5	35.6	53.4





#25

Isophorone

Concen: 19.105 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.28 min

Lab File: BF115738.D

Acq: 23 Jul 2019 23:55

Instrument :

BNA_F

ClientSampleId :

PA-71619

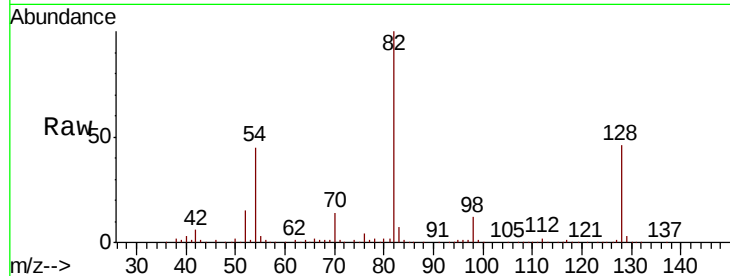
Tgt Ion: 82 Resp: 397260

Ion Ratio Lower Upper

82 100

95 0.5 5.5 8.3#

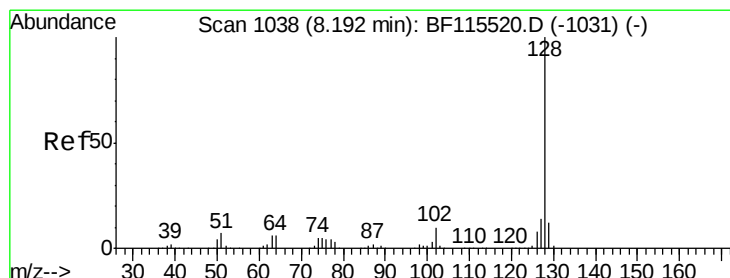
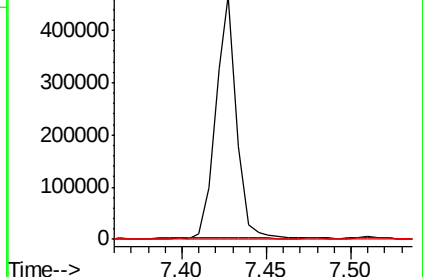
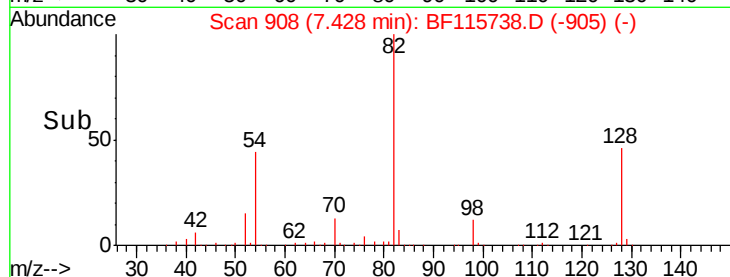
138 0.0 14.9 22.3#



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: 37.266 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.02 min

Lab File: BF115738.D

Acq: 23 Jul 2019 23:55

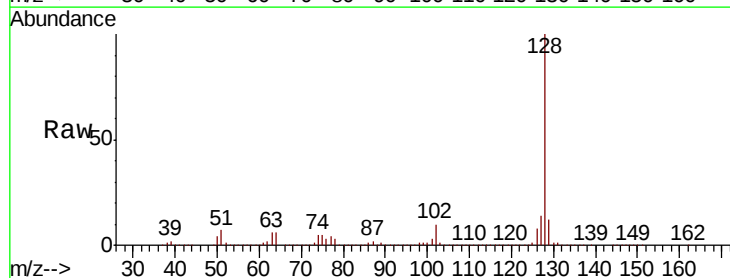
Tgt Ion: 128 Resp: 1090523

Ion Ratio Lower Upper

128 100

129 11.7 9.9 14.9

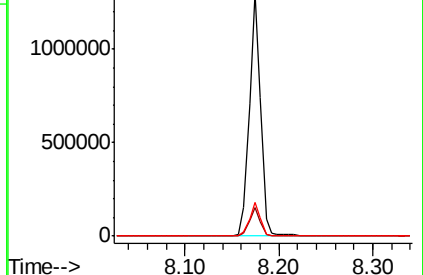
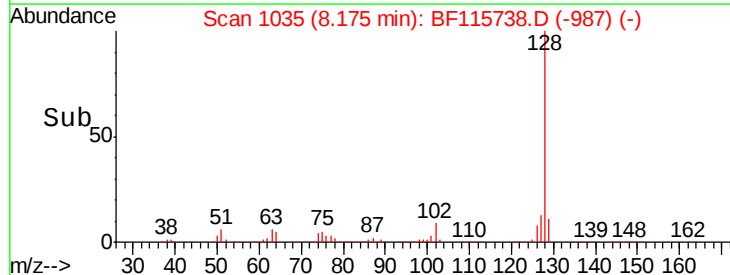
127 13.7 12.1 18.1

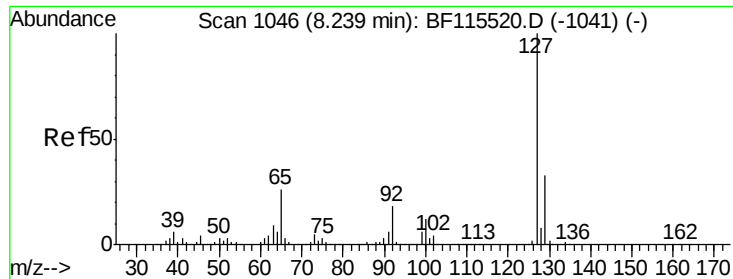


Abundance Ion 128.00 (127.70 to 128.70): BF1

Ion 129.00 (128.70 to 129.70): BF1

Ion 127.00 (126.70 to 127.70): BF1

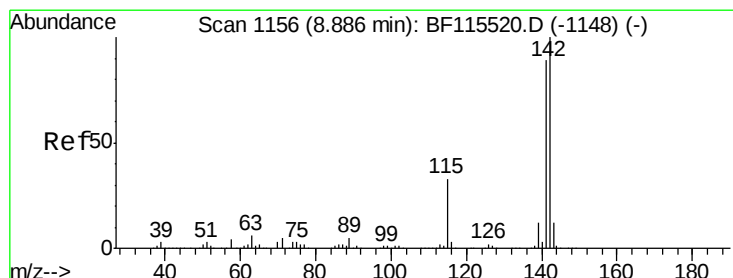
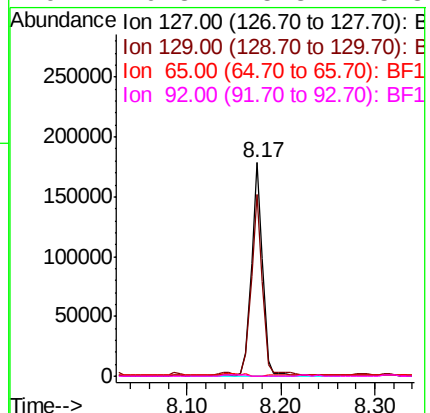
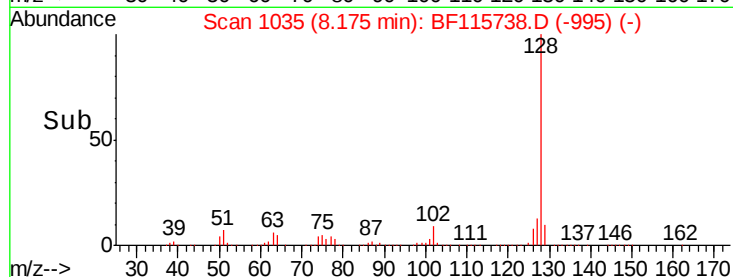
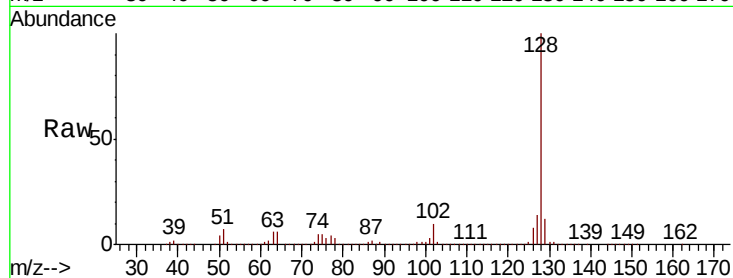




#33
4-Chloroaniline
Concen: 11.655 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.06 min
Lab File: BF115738.D
Acq: 23 Jul 2019 23:55

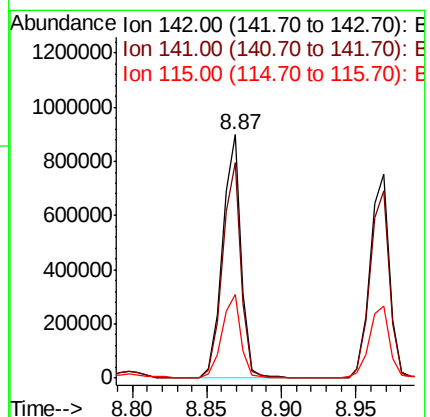
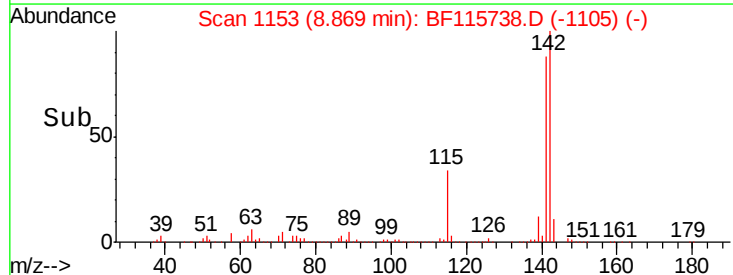
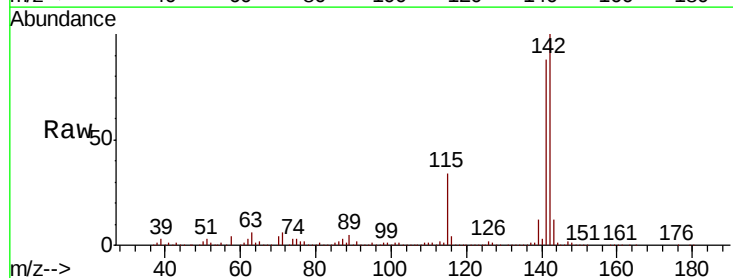
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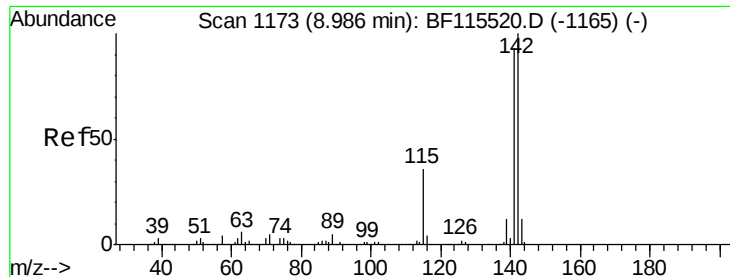
Tgt Ion:	127	Resp:	151066
Ion	Ratio	Lower	Upper
127	100		
129	85.4	26.6	39.8#
65	0.0	23.7	35.5#
92	0.3	15.8	23.8#



#37
2-Methylnaphthalene
Concen: 40.493 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.02 min
Lab File: BF115738.D
Acq: 23 Jul 2019 23:55

Tgt Ion:	142	Resp:	785469
Ion	Ratio	Lower	Upper
142	100		
141	88.3	72.0	108.0
115	34.4	29.9	44.9

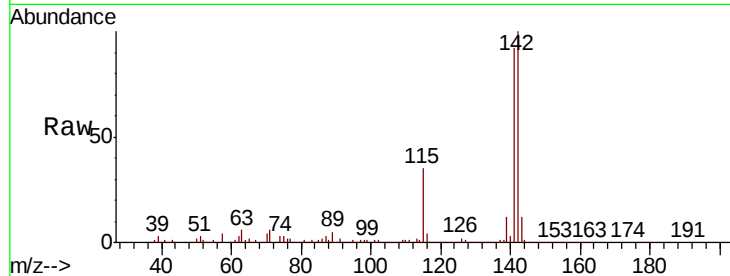




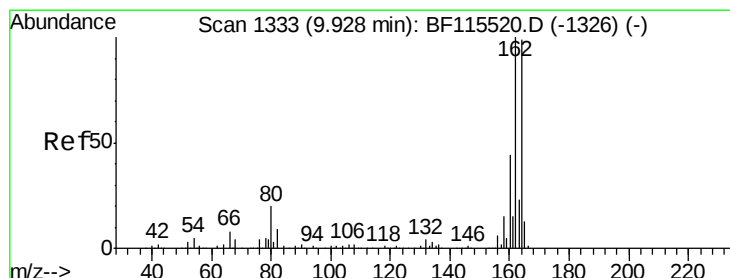
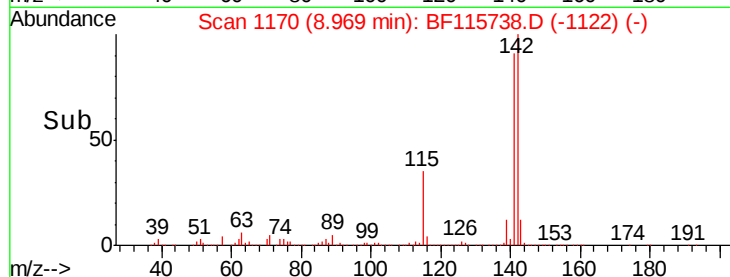
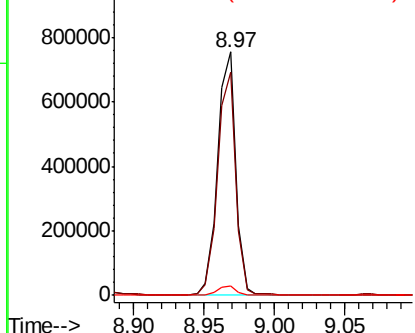
#38
1-Methylnaphthalene
Concen: 36.574 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF115738.D
Acq: 23 Jul 2019 23:55

Instrument :
BNA_F
ClientSampleId :
PA-71619

Tgt Ion:142 Resp: 673861
Ion Ratio Lower Upper
142 100
141 91.5 75.3 112.9
116 3.8 3.3 4.9

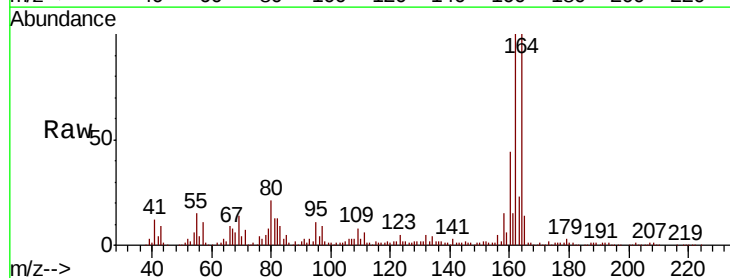


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

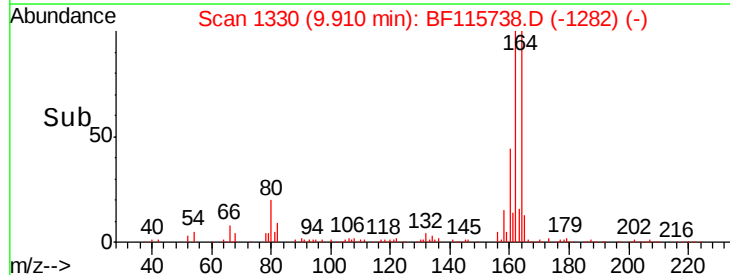
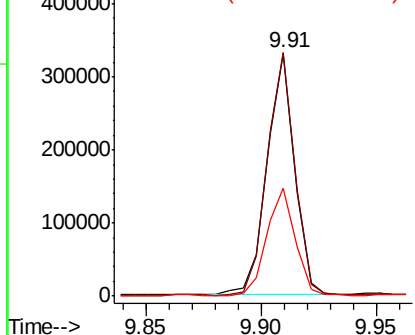


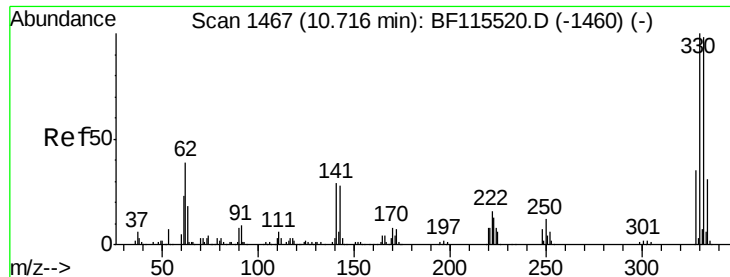
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF115738.D
Acq: 23 Jul 2019 23:55

Tgt Ion:164 Resp: 276054
Ion Ratio Lower Upper
164 100
162 100.3 82.9 124.3
160 44.3 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

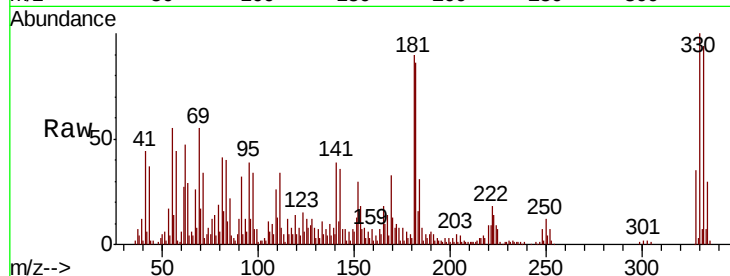




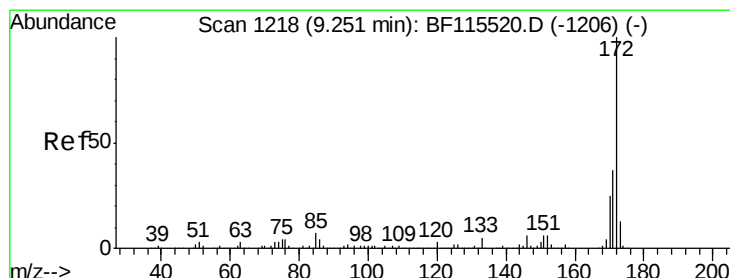
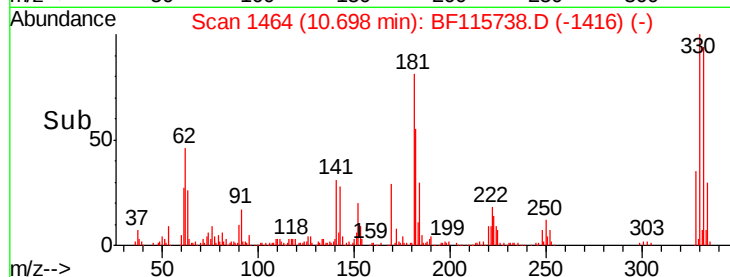
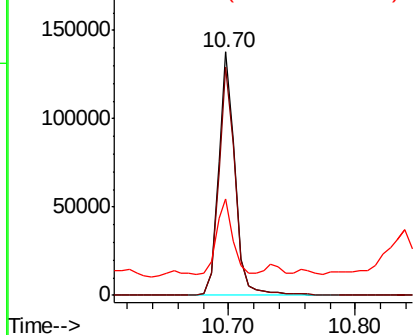
#42
 2,4,6-Tribromophenol
 Concen: 38.908 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.02 min
 Lab File: BF115738.D
 Acq: 23 Jul 2019 23:55

Instrument :
 BNA_F
 ClientSampleId :
 PA-71619

Tgt Ion:330 Resp: 125369
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.4 116.2
 141 30.9 22.4 33.6

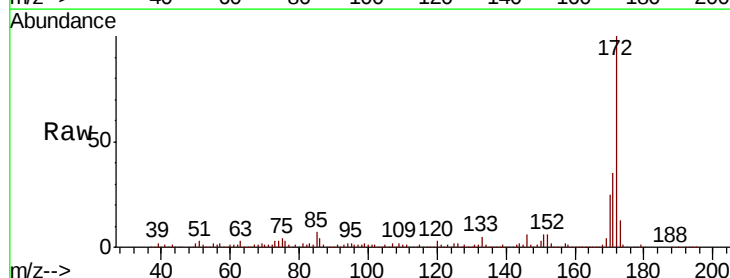


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

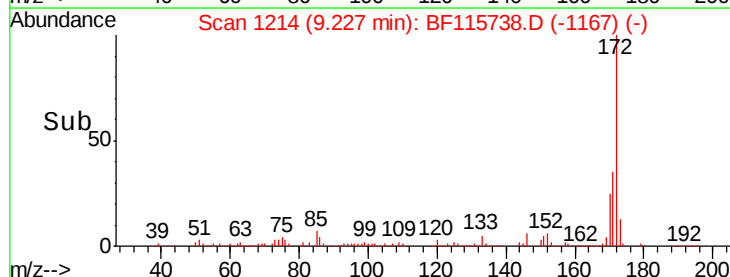
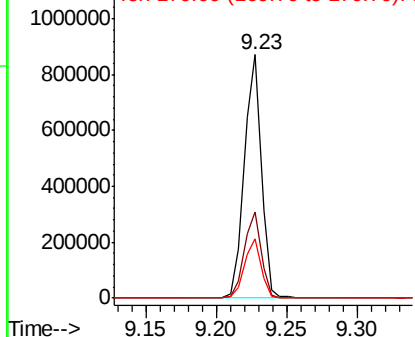


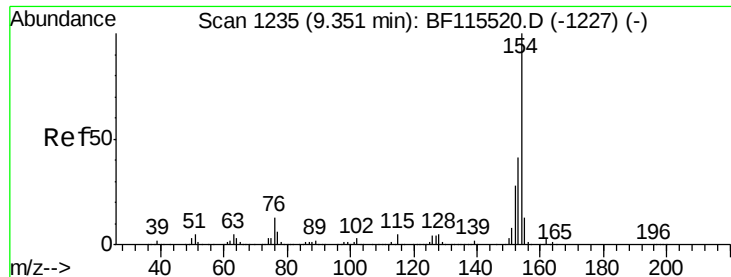
#45
 2-Fluorobiphenyl
 Concen: 46.520 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.02 min
 Lab File: BF115738.D
 Acq: 23 Jul 2019 23:55

Tgt Ion:172 Resp: 733712
 Ion Ratio Lower Upper
 172 100
 171 35.3 30.6 46.0
 170 24.5 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

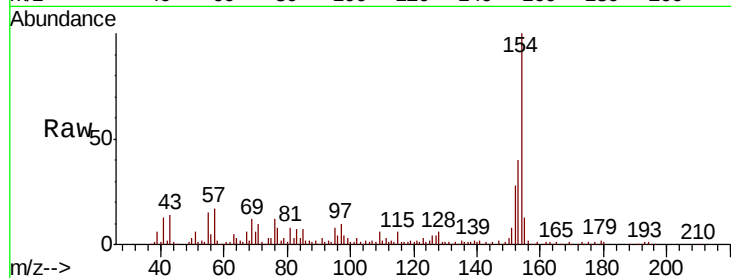




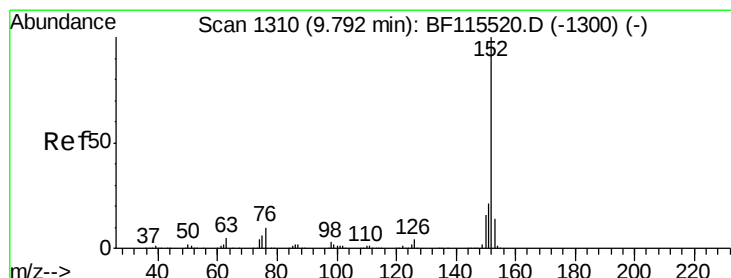
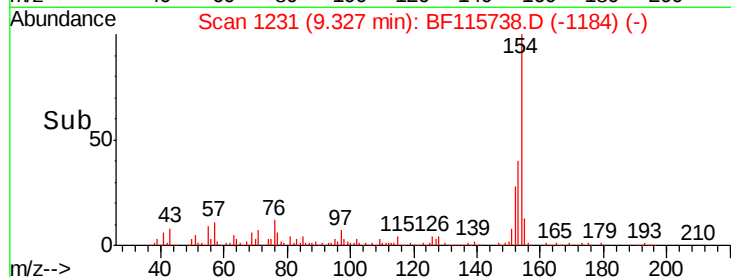
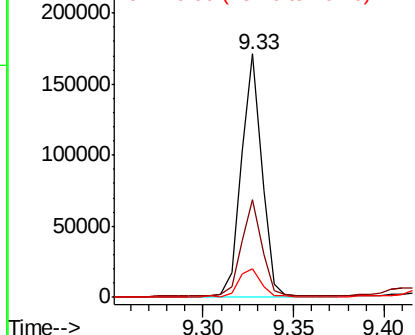
#46
 1,1'-Biphenyl
 Concen: 6.258 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.02 min
 Lab File: BF115738.D
 Acq: 23 Jul 2019 23:55

Instrument :
 BNA_F
 ClientSampleId :
 PA-71619

Tgt Ion:	154	Resp:	135065
Ion	Ratio	Lower	Upper
154	100		
153	40.0	22.6	62.6
76	12.0	0.0	33.4

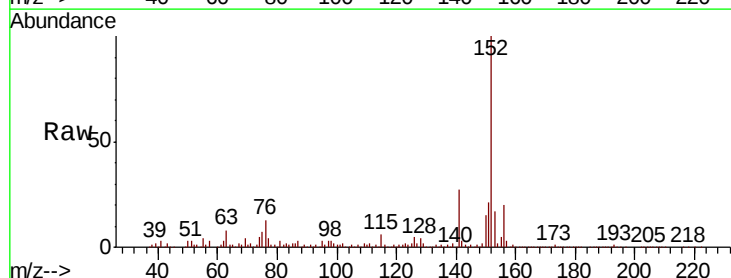


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

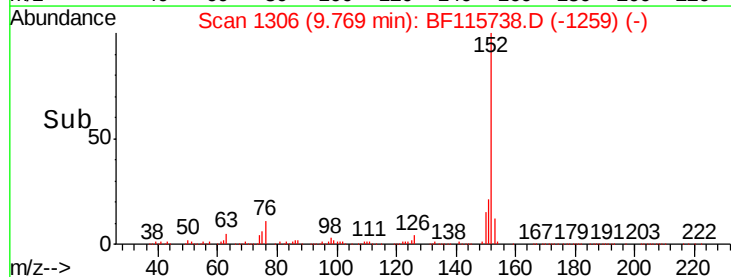
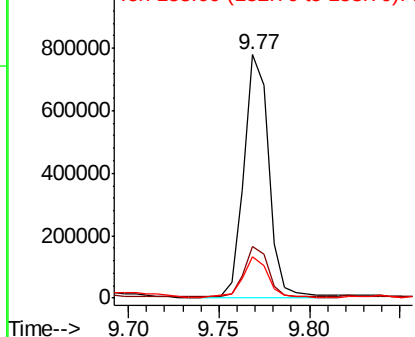


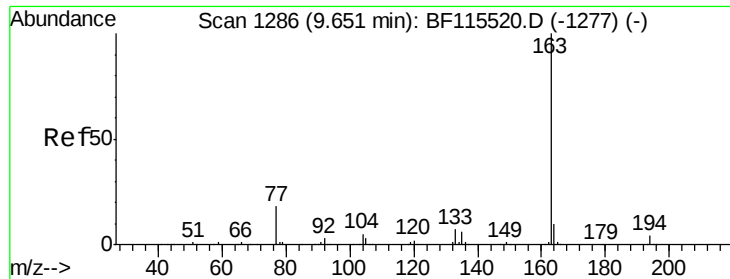
#49
 Acenaphthylene
 Concen: 27.859 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.02 min
 Lab File: BF115738.D
 Acq: 23 Jul 2019 23:55

Tgt Ion:	152	Resp:	741794
Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.7	26.5
153	16.8	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





#50

Dimethylphthalate

Concen: 5.135 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.04 min

Lab File: BF115738.D

Acq: 23 Jul 2019 23:55

Instrument :

BNA_F

ClientSampleId :

PA-71619

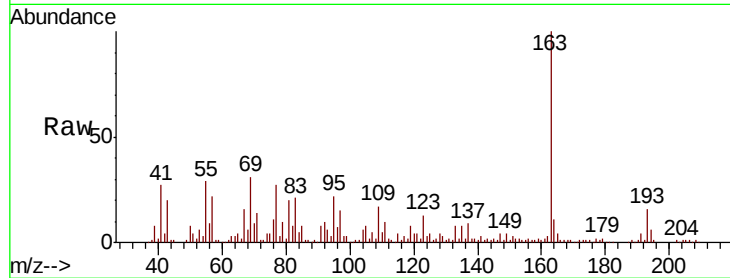
Tgt Ion:163 Resp: 106661

Ion Ratio Lower Upper

163 100

194 6.1 3.3 4.9#

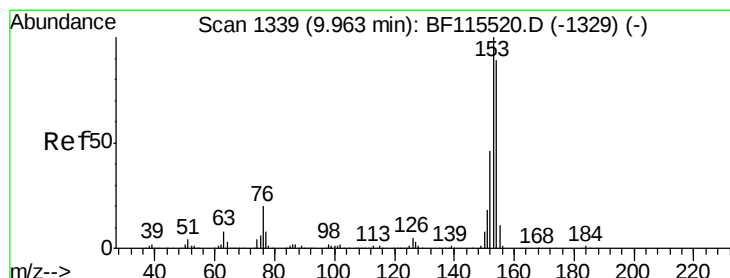
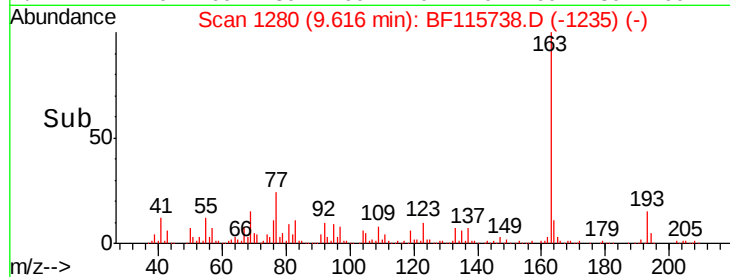
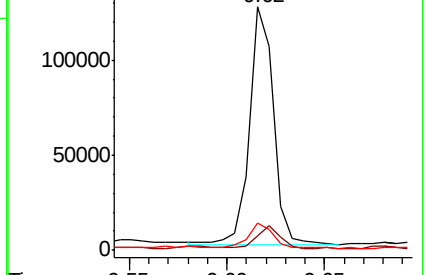
164 11.3 8.7 13.1



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: 22.994 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.02 min

Lab File: BF115738.D

Acq: 23 Jul 2019 23:55

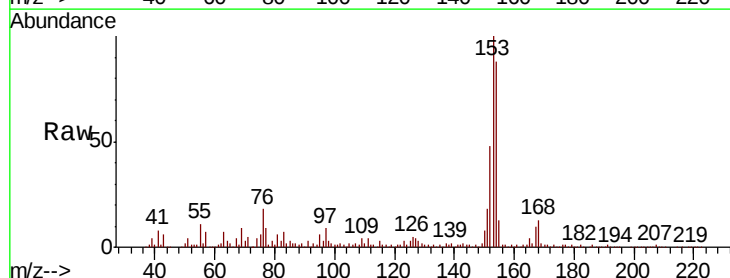
Tgt Ion:154 Resp: 395290

Ion Ratio Lower Upper

154 100

153 114.1 88.6 133.0

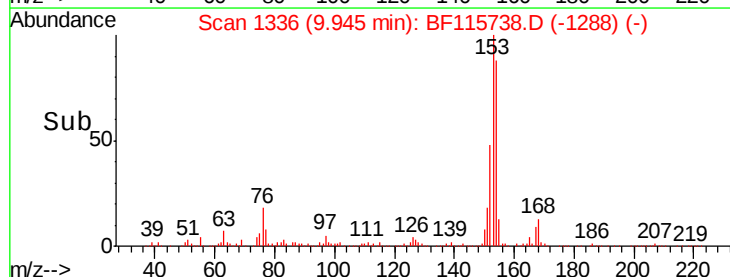
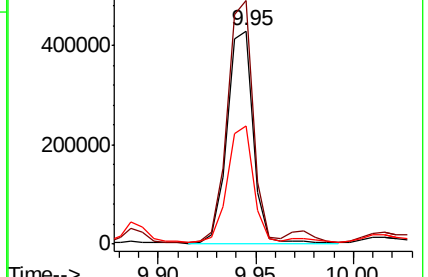
152 55.3 42.3 63.5

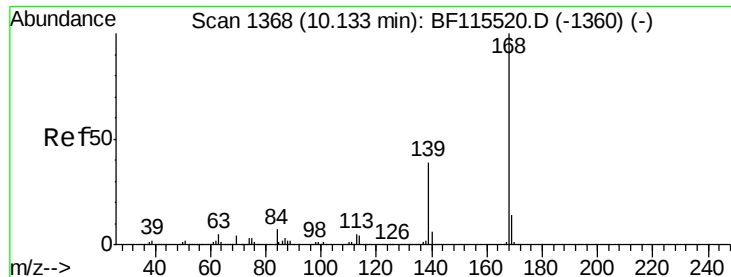


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

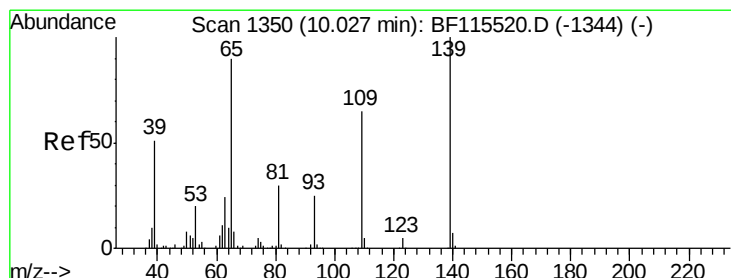
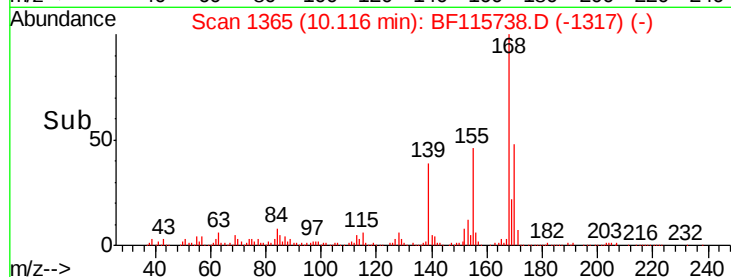
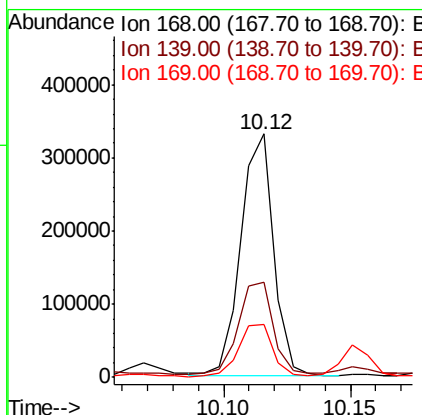
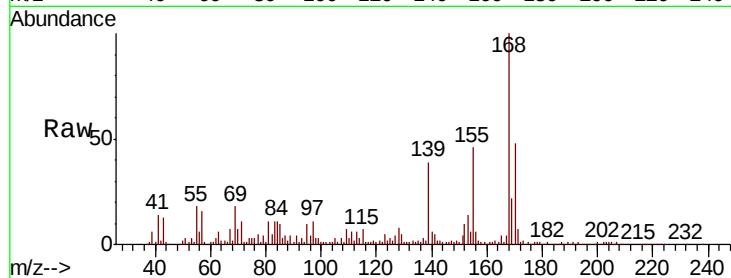




#55
Dibenzofuran
Concen: 12.169 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.02 min
Lab File: BF115738.D
Acq: 23 Jul 2019 23:55

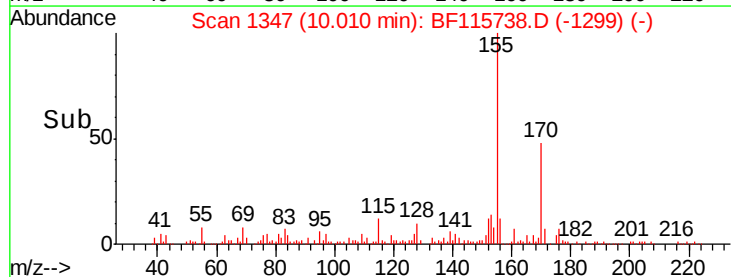
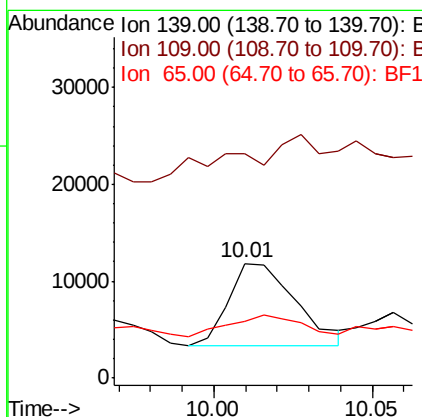
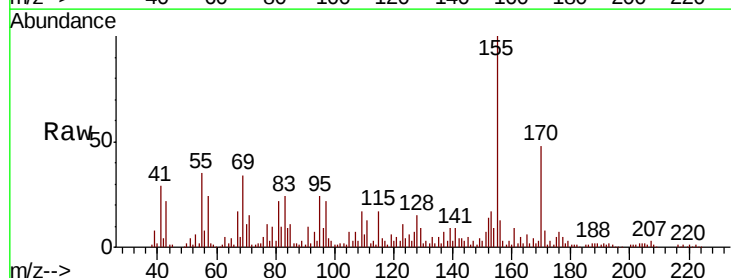
Instrument :
BNA_F
ClientSampleId :
PA-71619

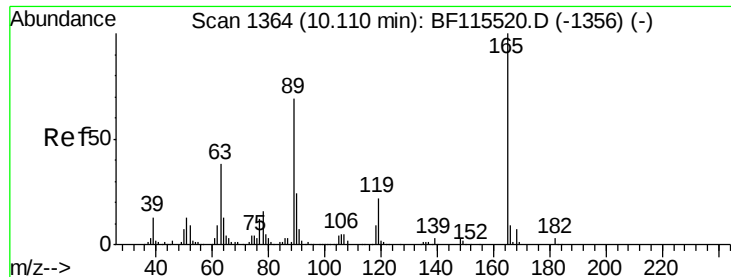
Tgt Ion:168 Resp: 297080
Ion Ratio Lower Upper
168 100
139 39.1 31.1 46.7
169 22.0 11.1 16.7#



#56
4-Nitrophenol
Concen: 3.057 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF115738.D
Acq: 23 Jul 2019 23:55

Tgt Ion:139 Resp: 12575
Ion Ratio Lower Upper
139 100
109 195.6 46.4 86.4#
65 50.1 68.9 108.9#

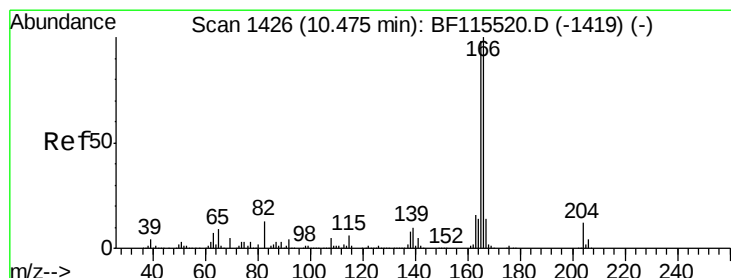
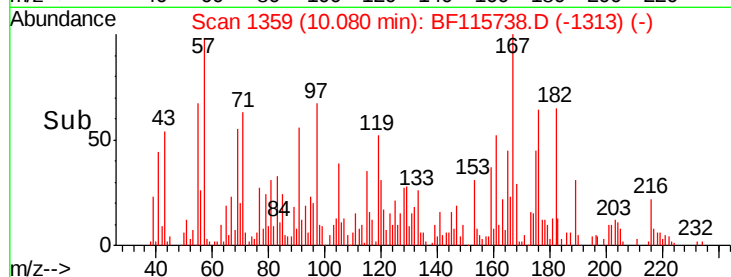
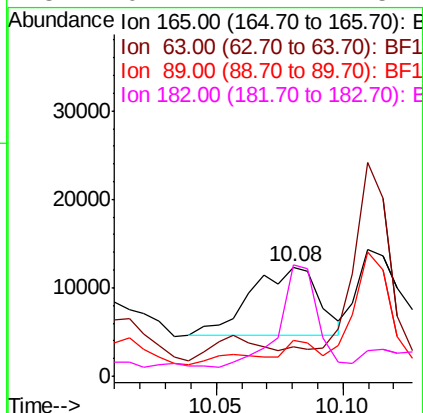
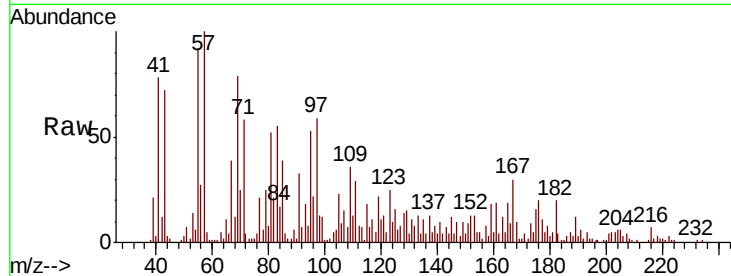




#57
2,4-Dinitrotoluene
Concen: 2.314 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.03 min
Lab File: BF115738.D
Acq: 23 Jul 2019 23:55

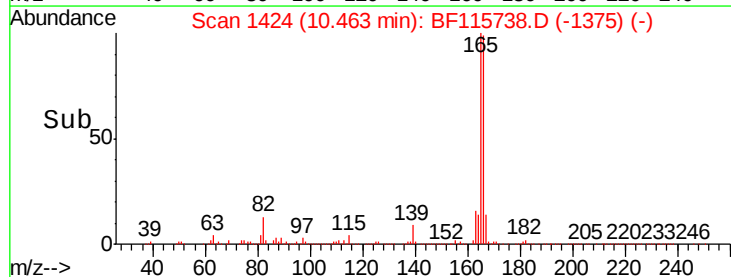
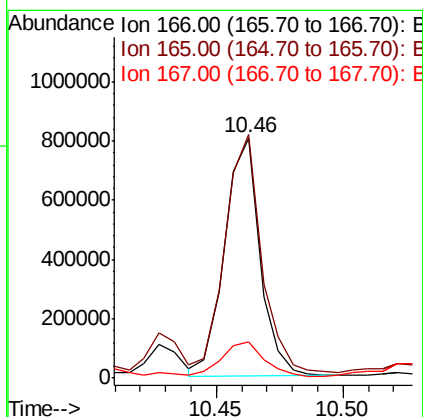
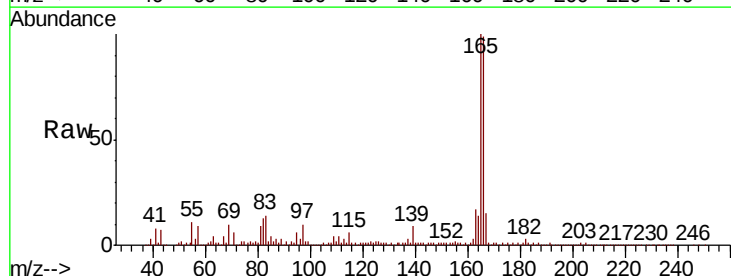
Instrument :
BNA_F
ClientSampleId :
PA-71619

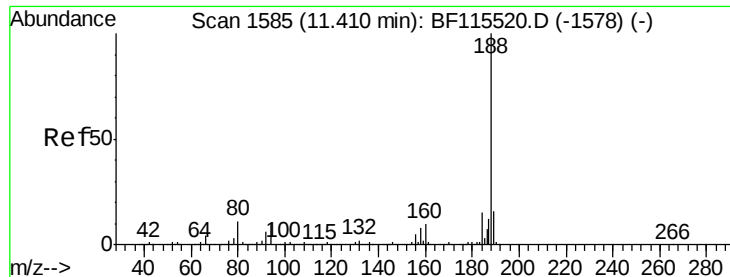
Tgt Ion:165 Resp: 14153
Ion Ratio Lower Upper
165 100
63 26.6 34.9 52.3#
89 32.7 57.5 86.3#
182 101.7 2.2 3.4#



#58
Fluorene
Concen: 44.498 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF115738.D
Acq: 23 Jul 2019 23:55

Tgt Ion:166 Resp: 776608
Ion Ratio Lower Upper
166 100
165 101.5 79.8 119.6
167 15.2 11.2 16.8

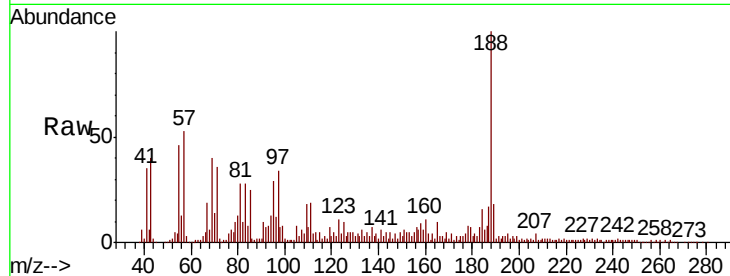




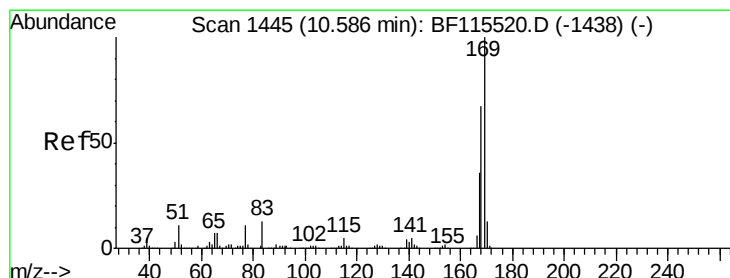
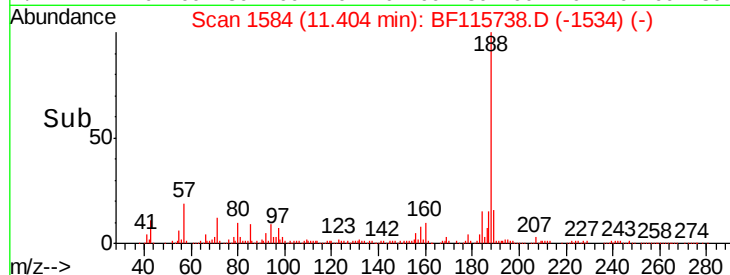
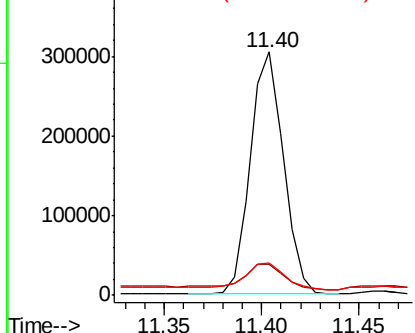
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115738.D
Acq: 23 Jul 2019 23:55

Instrument :
BNA_F
ClientSampleId :
PA-71619

Tgt Ion:188 Resp: 357611
Ion Ratio Lower Upper
188 100
94 12.6 7.8 11.6#
80 13.5 8.6 13.0#

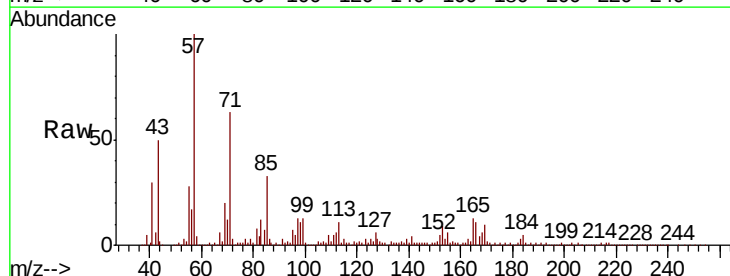


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

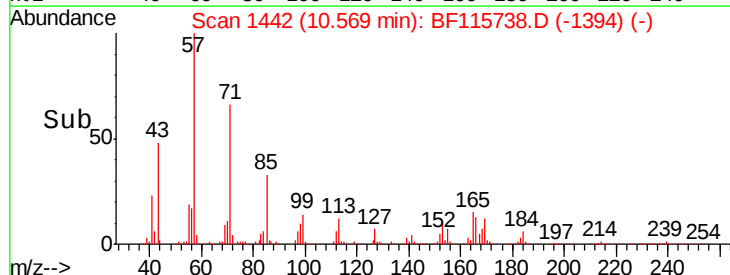
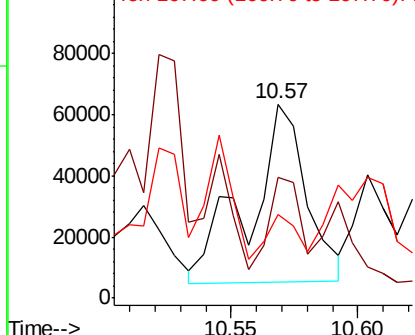


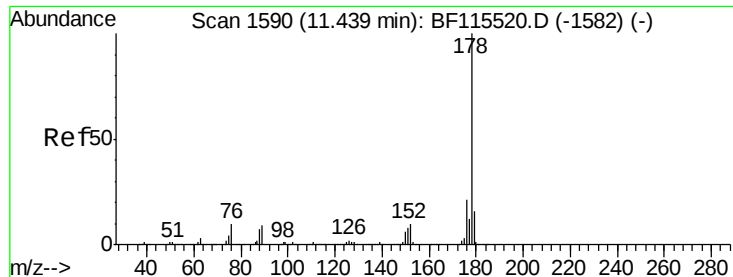
#66
n-Nitrosodiphenylamine
Concen: 8.278 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.02 min
Lab File: BF115738.D
Acq: 23 Jul 2019 23:55

Tgt Ion:169 Resp: 92082
Ion Ratio Lower Upper
169 100
168 62.2 54.3 81.5
167 43.0 30.2 45.2



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





#71

Phenanthrene

Concen: 170.491 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.00 min

Lab File: BF115738.D

Acq: 23 Jul 2019 23:55

Instrument :

BNA_F

ClientSampleId :

PA-71619

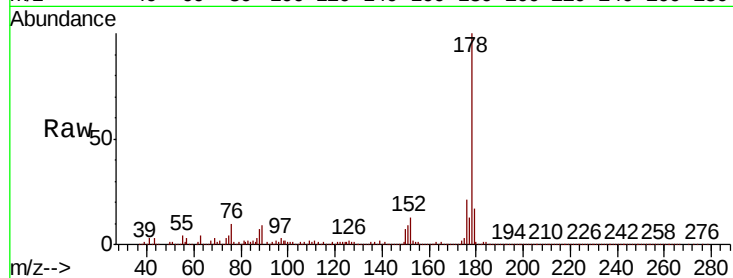
Tgt Ion:178 Resp: 3125231

Ion Ratio Lower Upper

178 100

176 21.4 17.2 25.8

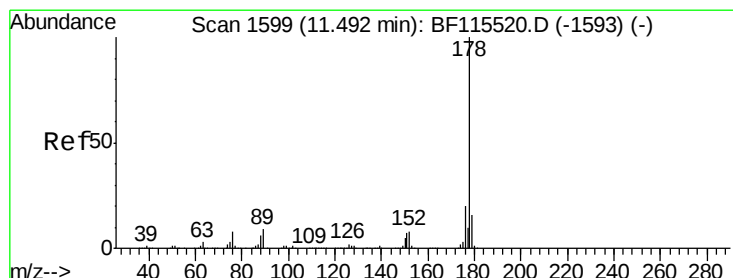
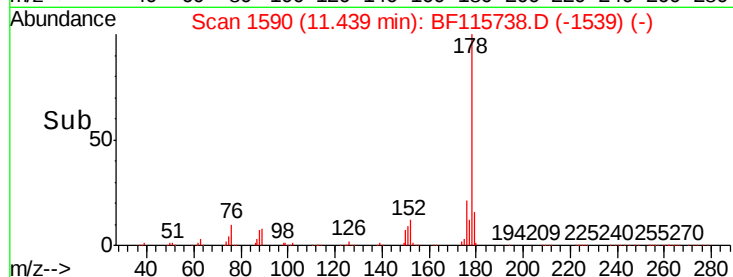
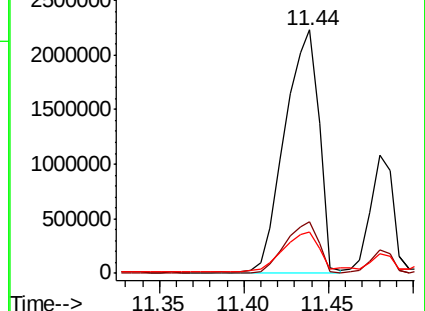
179 17.2 13.5 20.3



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



#72

Anthracene

Concen: 50.868 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF115738.D

Acq: 23 Jul 2019 23:55

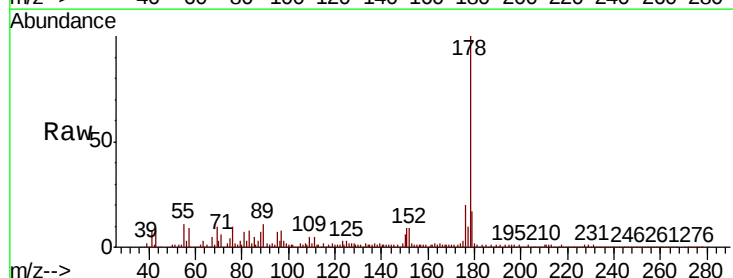
Tgt Ion:178 Resp: 963662

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

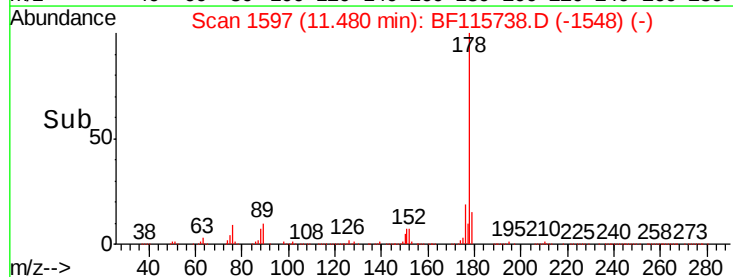
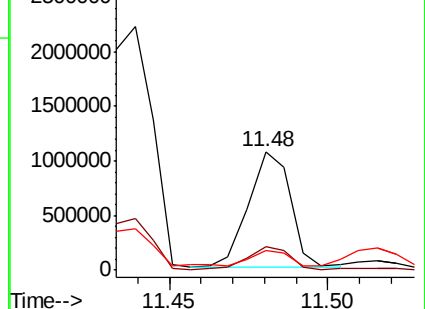
179 16.9 12.7 19.1

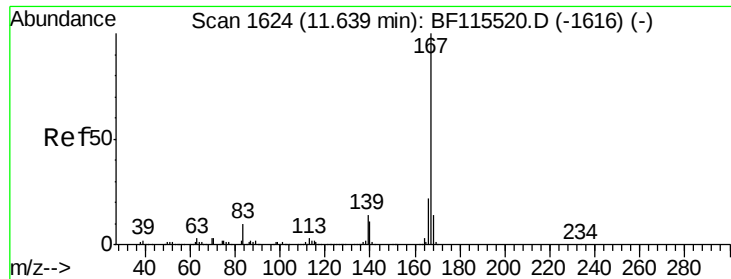


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

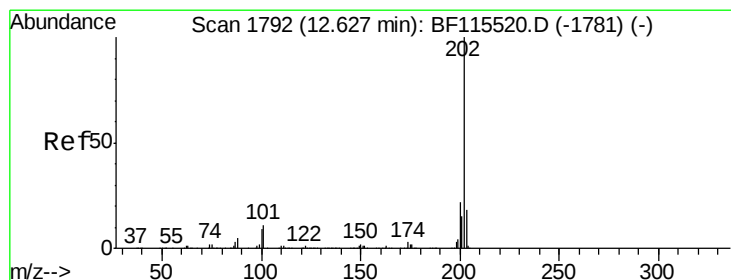
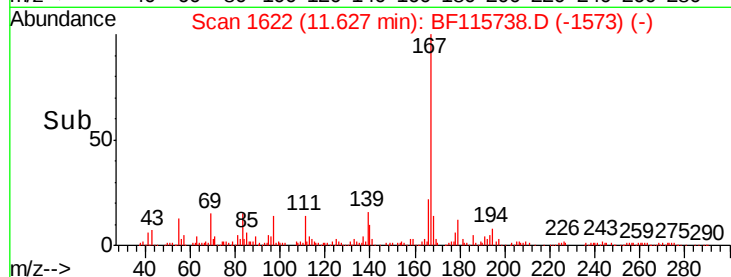
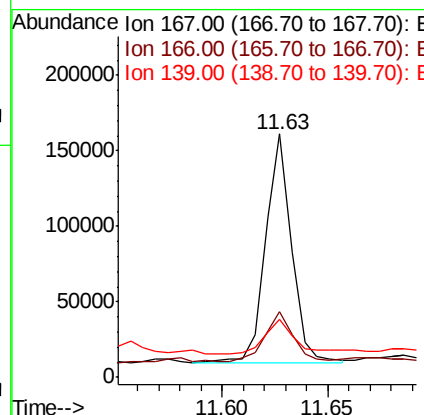
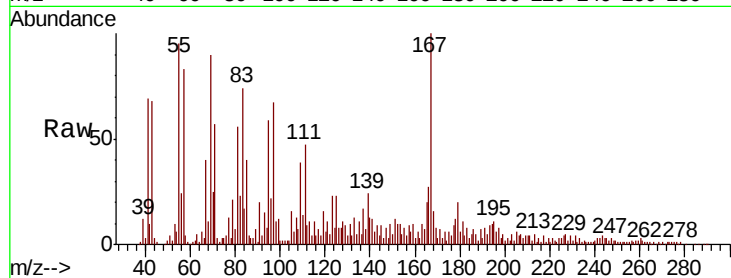




#73
 Carbazole
 Concen: 7.781 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF115738.D
 Acq: 23 Jul 2019 23:55

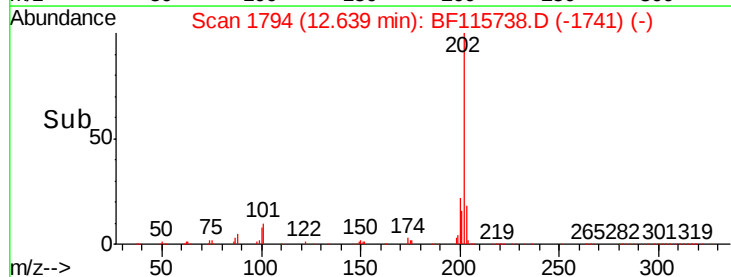
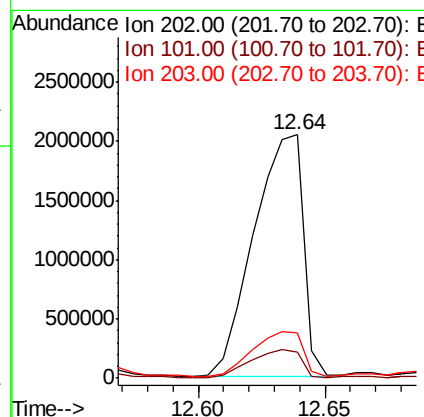
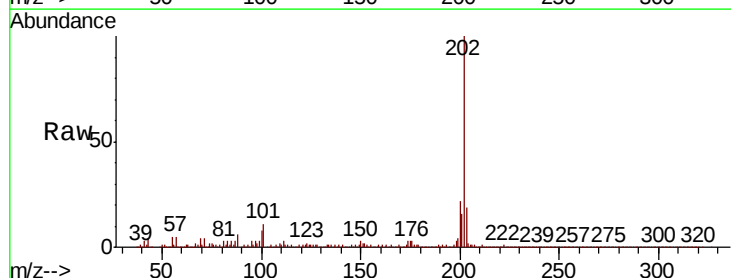
Instrument :
 BNA_F
 ClientSampleId :
 PA-71619

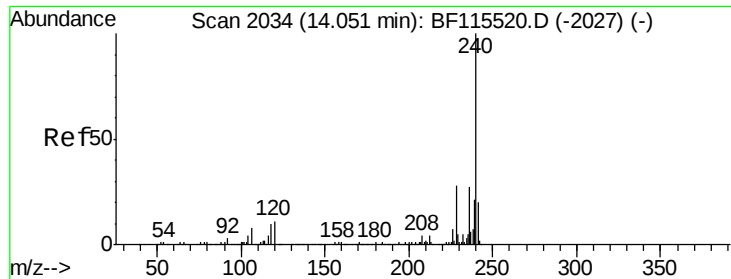
Tgt Ion	Ratio	Lower	Upper
167	100		
166	26.9	18.1	27.1
139	23.6	11.3	16.9



#75
 Fluoranthene
 Concen: 144.129 ng
 RT: 12.64 min Scan# 1794
 Delta R.T. 0.01 min
 Lab File: BF115738.D
 Acq: 23 Jul 2019 23:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.4
203	18.8	0.0	38.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF115738.D

Acq: 23 Jul 2019 23:55

Instrument :

BNA_F

ClientSampleId :

PA-71619

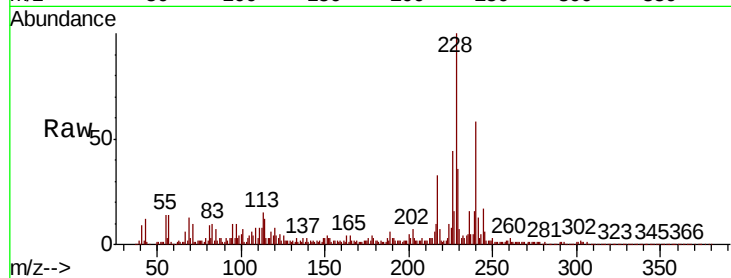
Tgt Ion:240 Resp: 276078

Ion Ratio Lower Upper

240 100

120 14.2 8.6 13.0#

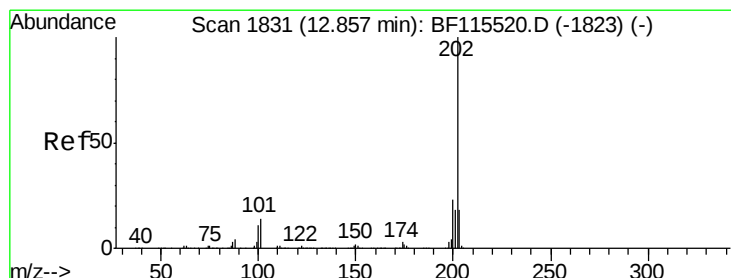
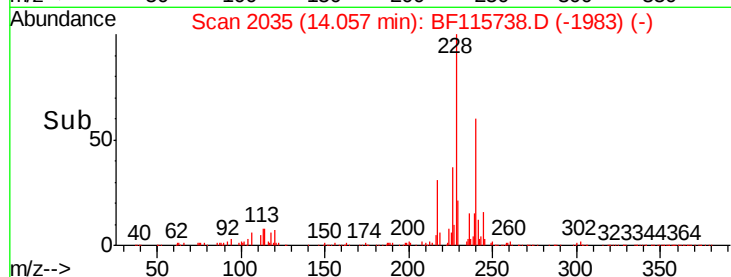
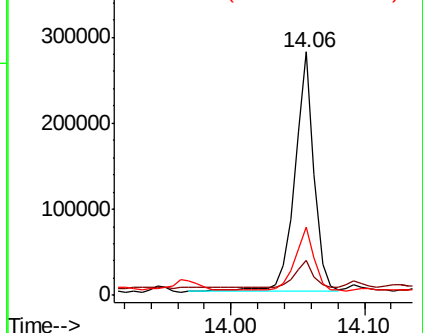
236 27.8 21.3 31.9



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

Pyrene

Concen: 142.237 ng

RT: 12.87 min Scan# 1833

Delta R.T. 0.01 min

Lab File: BF115738.D

Acq: 23 Jul 2019 23:55

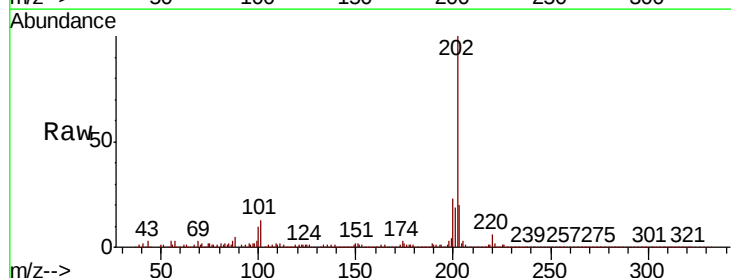
Tgt Ion:202 Resp: 3326977

Ion Ratio Lower Upper

202 100

200 22.7 18.7 28.1

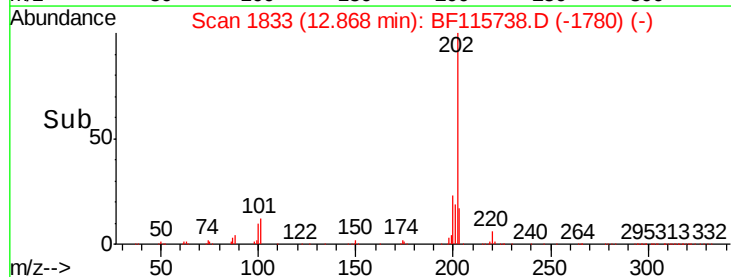
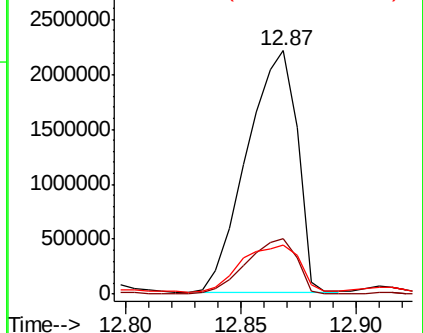
203 20.4 15.2 22.8

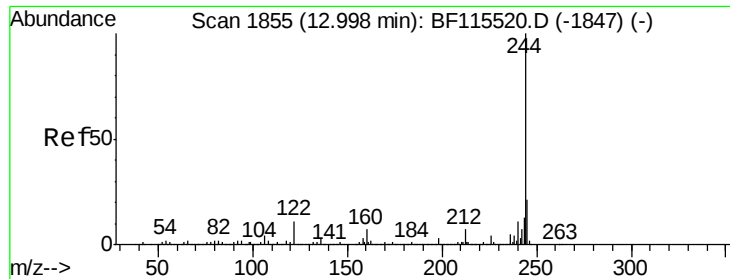


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 36.309 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF115738.D

Acq: 23 Jul 2019 23:55

Instrument :

BNA_F

ClientSampleId :

PA-71619

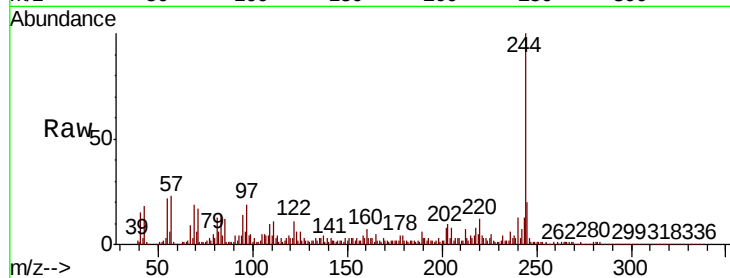
Tgt Ion:244 Resp: 543257

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

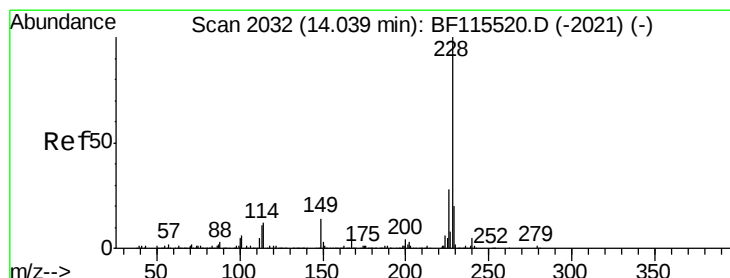
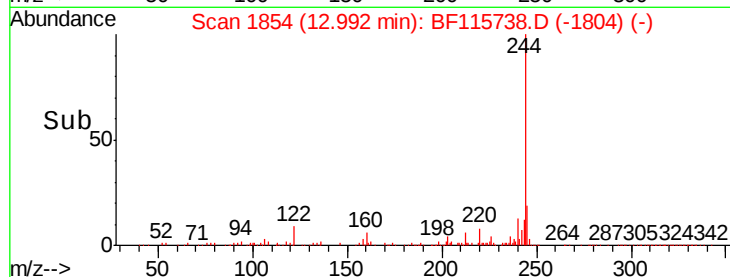
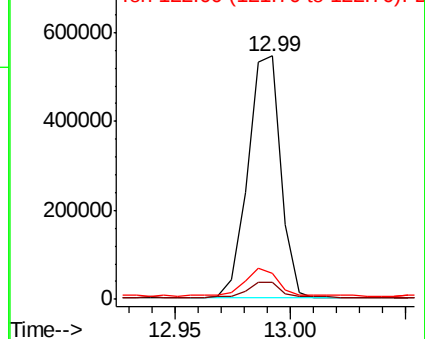
122 10.9 8.6 12.8



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: 100.129 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.05 min

Lab File: BF115738.D

Acq: 23 Jul 2019 23:55

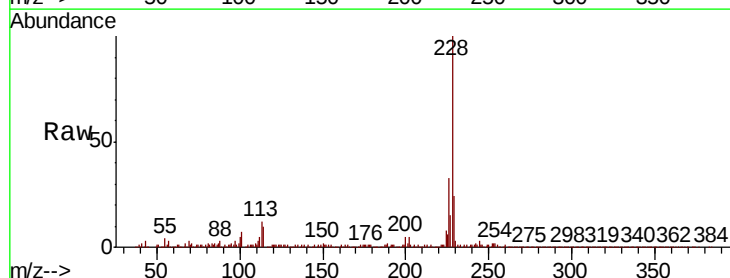
Tgt Ion:228 Resp: 1821147

Ion Ratio Lower Upper

228 100

226 32.9 23.4 35.0

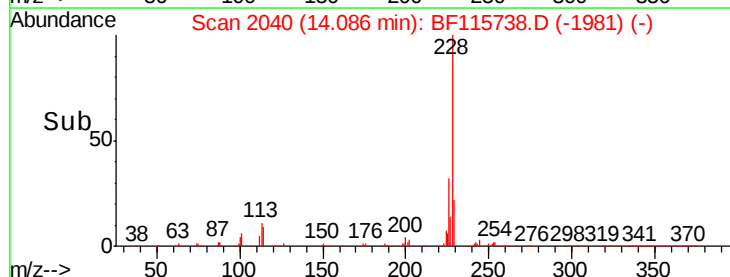
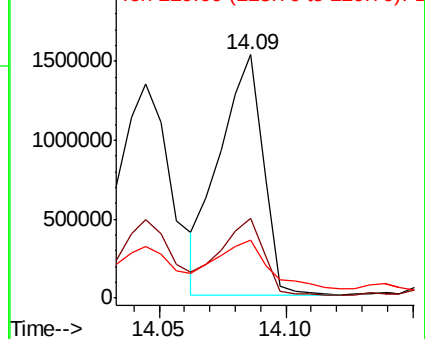
229 24.0 17.2 25.8

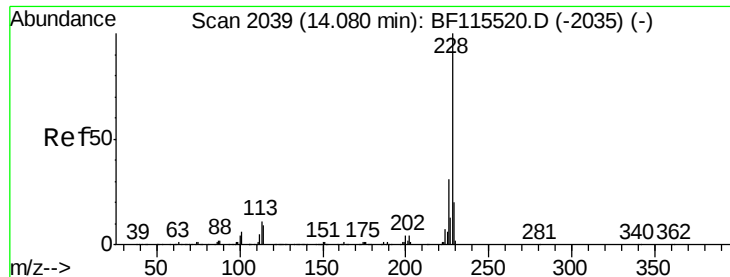


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 99.743 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.01 min

Lab File: BF115738.D

Acq: 23 Jul 2019 23:55

Instrument :

BNA_F

ClientSampleId :

PA-71619

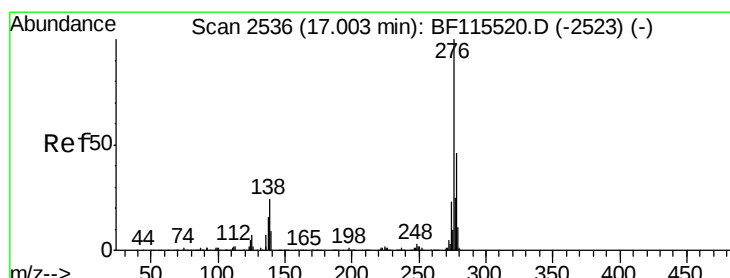
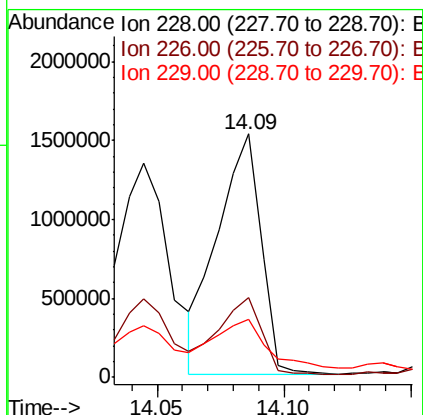
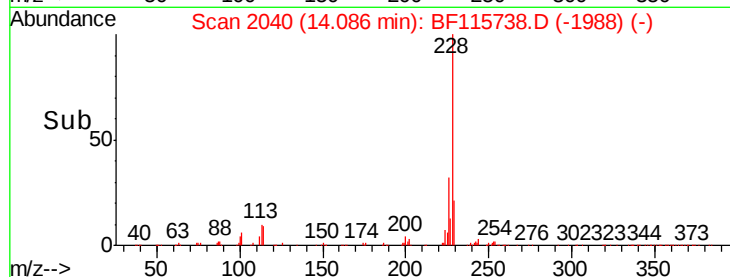
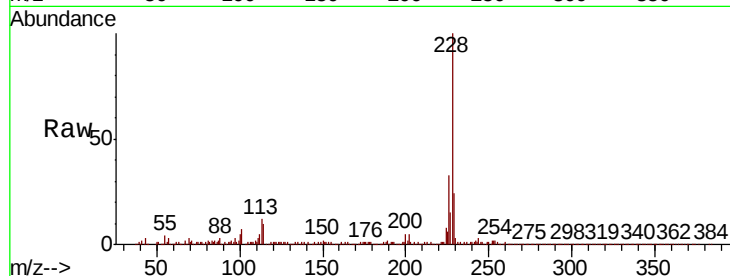
Tgt Ion:228 Resp: 1821147

Ion Ratio Lower Upper

228 100

226 32.9 25.7 38.5

229 24.0 16.6 25.0



#86

Indeno(1,2,3-cd)pyrene

Concen: 53.131 ng

RT: 17.03 min Scan# 2540

Delta R.T. 0.02 min

Lab File: BF115738.D

Acq: 23 Jul 2019 23:55

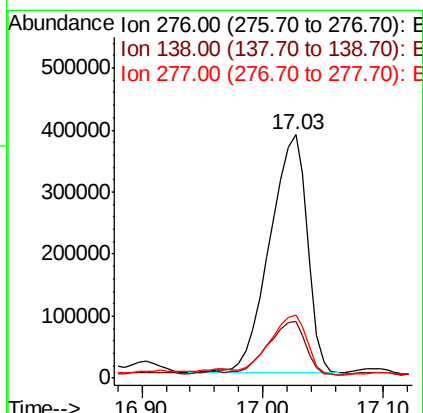
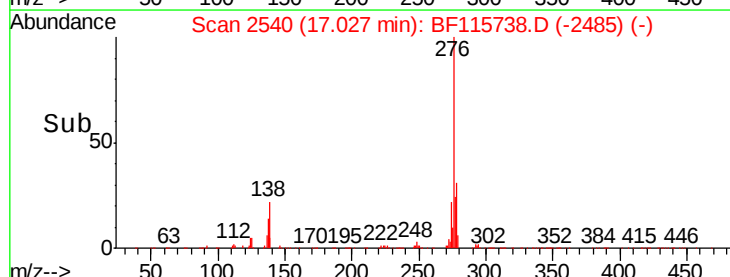
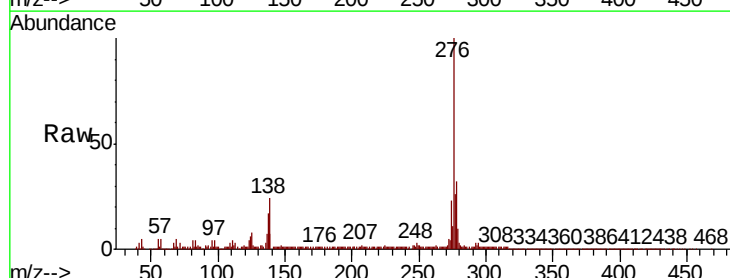
Tgt Ion:276 Resp: 824167

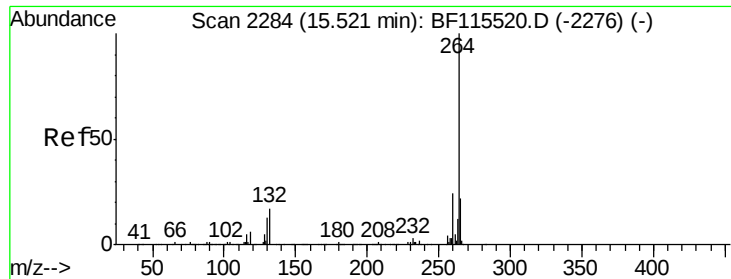
Ion Ratio Lower Upper

276 100

138 23.3 20.2 30.2

277 25.4 20.4 30.6



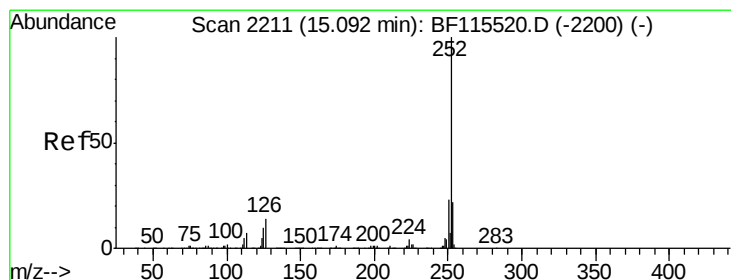
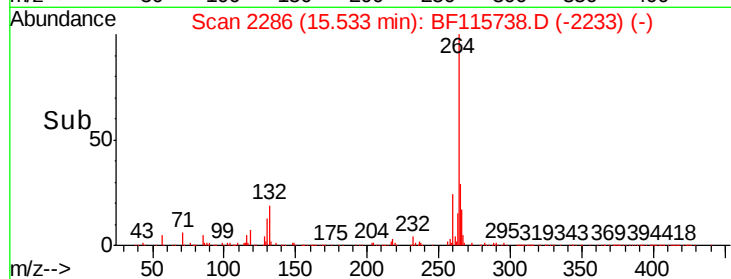
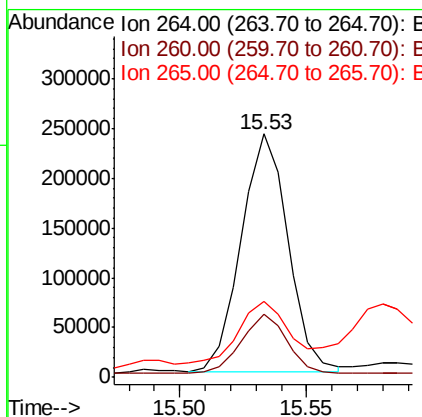
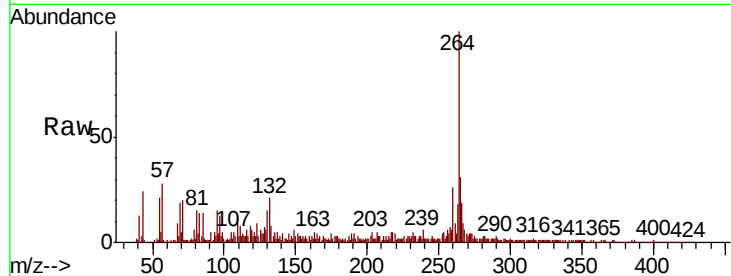


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BF115738.D
Acq: 23 Jul 2019 23:55

Instrument :
BNA_F
ClientSampleId :
PA-71619

Tgt Ion: 264 Resp: 307250

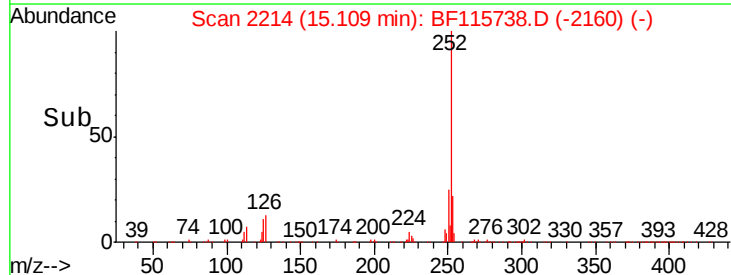
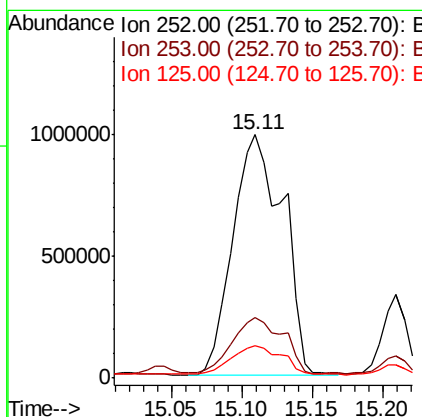
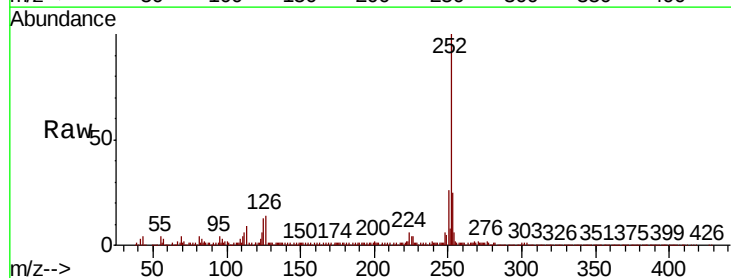
Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.8	29.8
265	31.4	17.7	26.5

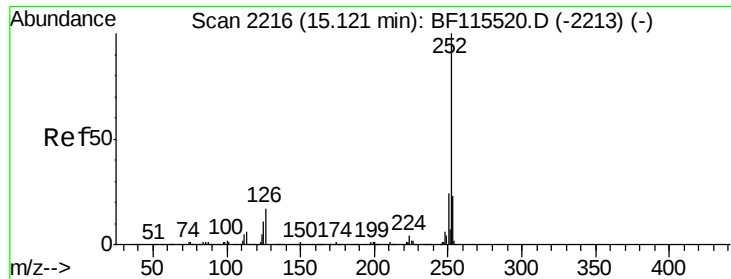


#88
Benzo(b)fluoranthene
Concen: 124.400 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.02 min
Lab File: BF115738.D
Acq: 23 Jul 2019 23:55

Tgt Ion: 252 Resp: 2461175

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.1	27.1
125	13.1	9.0	13.4

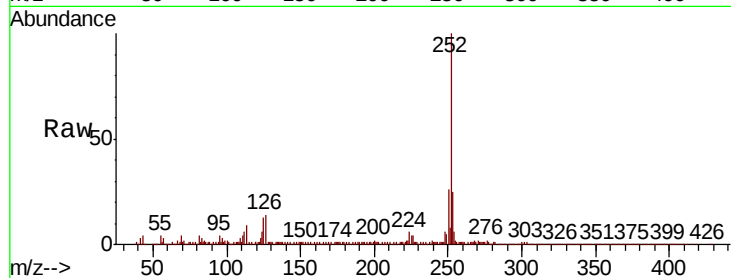




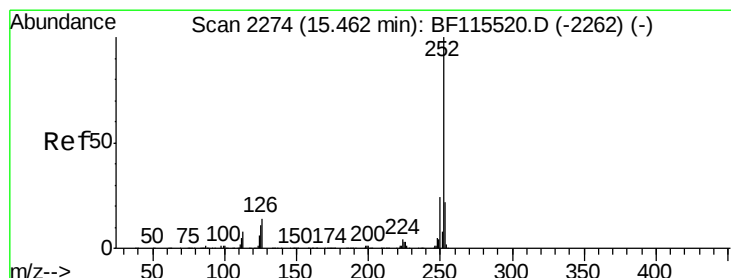
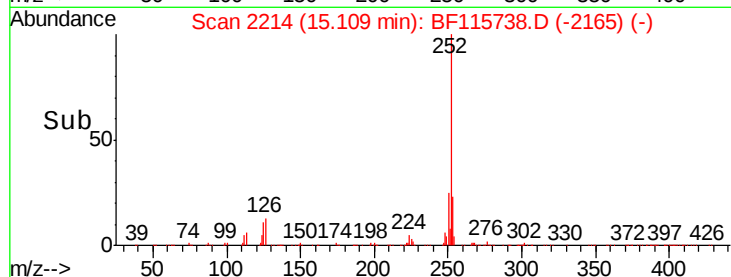
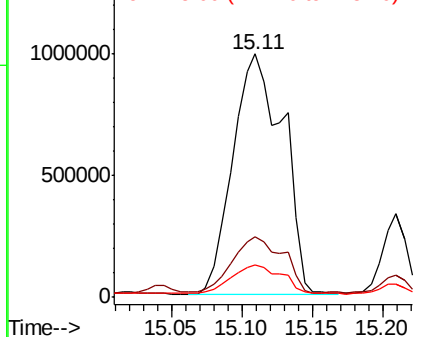
#89
Benzo(k)fluoranthene
Concen: 139.531 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF115738.D
Acq: 23 Jul 2019 23:55

Instrument :
BNA_F
ClientSampleId :
PA-71619

Tgt Ion:252 Resp: 2461175
Ion Ratio Lower Upper
252 100
253 24.6 18.6 28.0
125 13.1 9.0 13.6

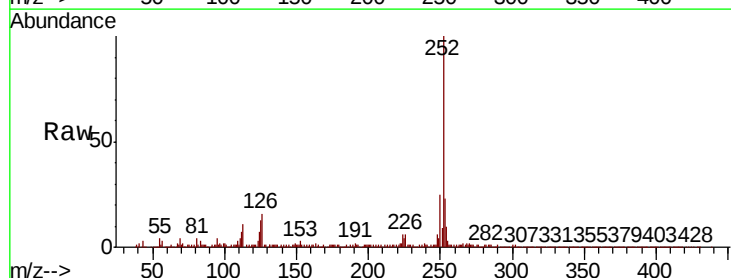


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

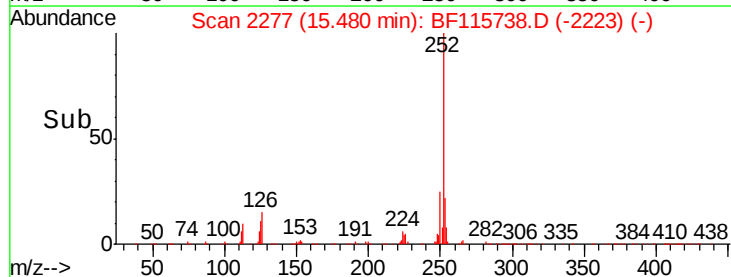
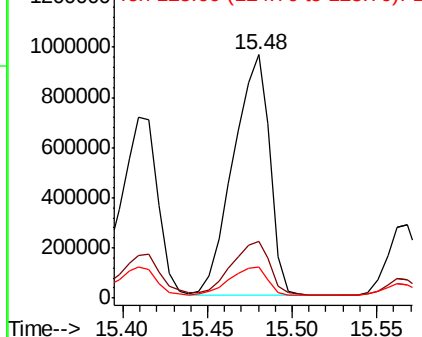


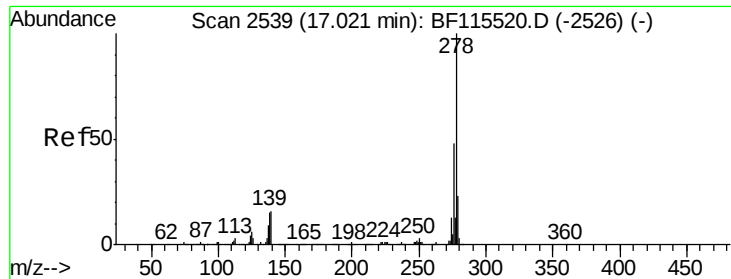
#90
Benzo(a)pyrene
Concen: 85.118 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.02 min
Lab File: BF115738.D
Acq: 23 Jul 2019 23:55

Tgt Ion:252 Resp: 1447385
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.6
125 12.7 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: 14.951 ng

RT: 17.03 min Scan# 2540

Delta R.T. 0.01 min

Lab File: BF115738.D

Acq: 23 Jul 2019 23:55

Instrument :

BNA_F

ClientSampleId :

PA-71619

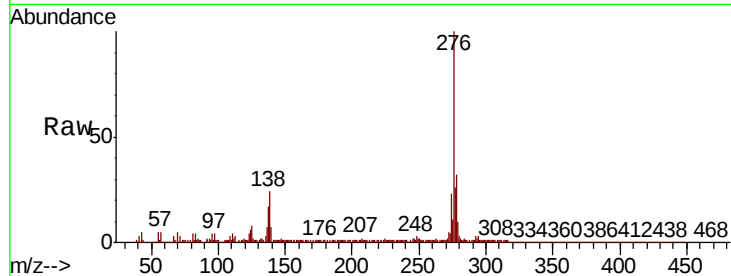
Tgt Ion:278 Resp: 223196

Ion Ratio Lower Upper

278 100

139 20.6 13.1 19.7#

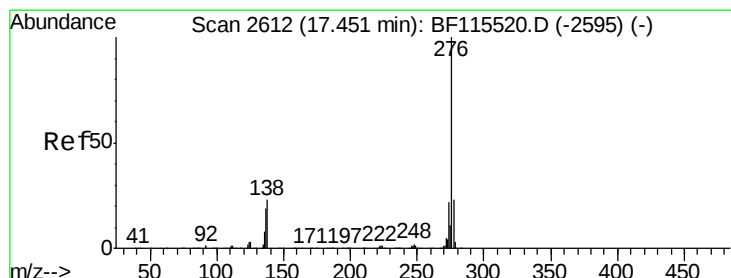
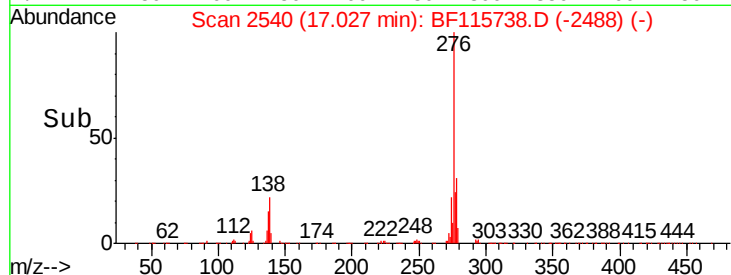
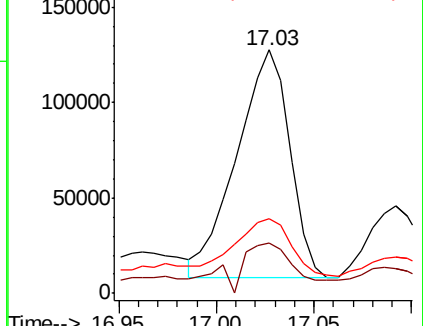
279 30.5 19.6 29.4#



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(g,h,i)perylene

Concen: 57.862 ng

RT: 17.48 min Scan# 2617

Delta R.T. 0.03 min

Lab File: BF115738.D

Acq: 23 Jul 2019 23:55

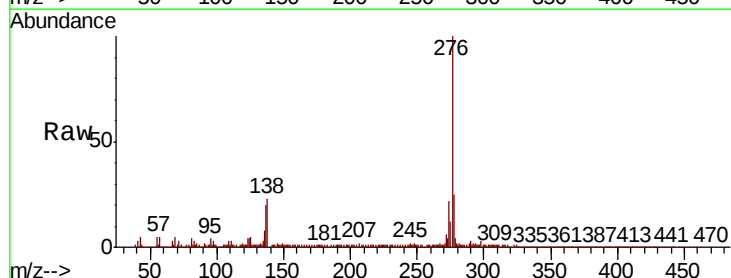
Tgt Ion:276 Resp: 861471

Ion Ratio Lower Upper

276 100

277 24.8 19.0 28.4

138 23.0 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

