

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
 Data File : BF115579.D
 Acq On : 16 Jul 2019 1:26
 Operator : HP/JU
 Sample : K3618-03RE 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 16 05:54:33 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	202039	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	733433	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	336948	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	547493	20.00	ng	0.00
76) Chrysene-d12	14.04	240	401932	20.00	ng	0.00
87) Perylene-d12	15.52	264	387748	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	284253	23.01	ng	-0.01
7) Phenol-d6	6.50	99	310447	19.81	ng	-0.02
23) Nitrobenzene-d5	7.43	82	177928	14.11	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	64810	16.48	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	369545	19.20	ng	-0.01
79) Terphenyl-d14	12.98	244	303685	13.94	ng	-0.02

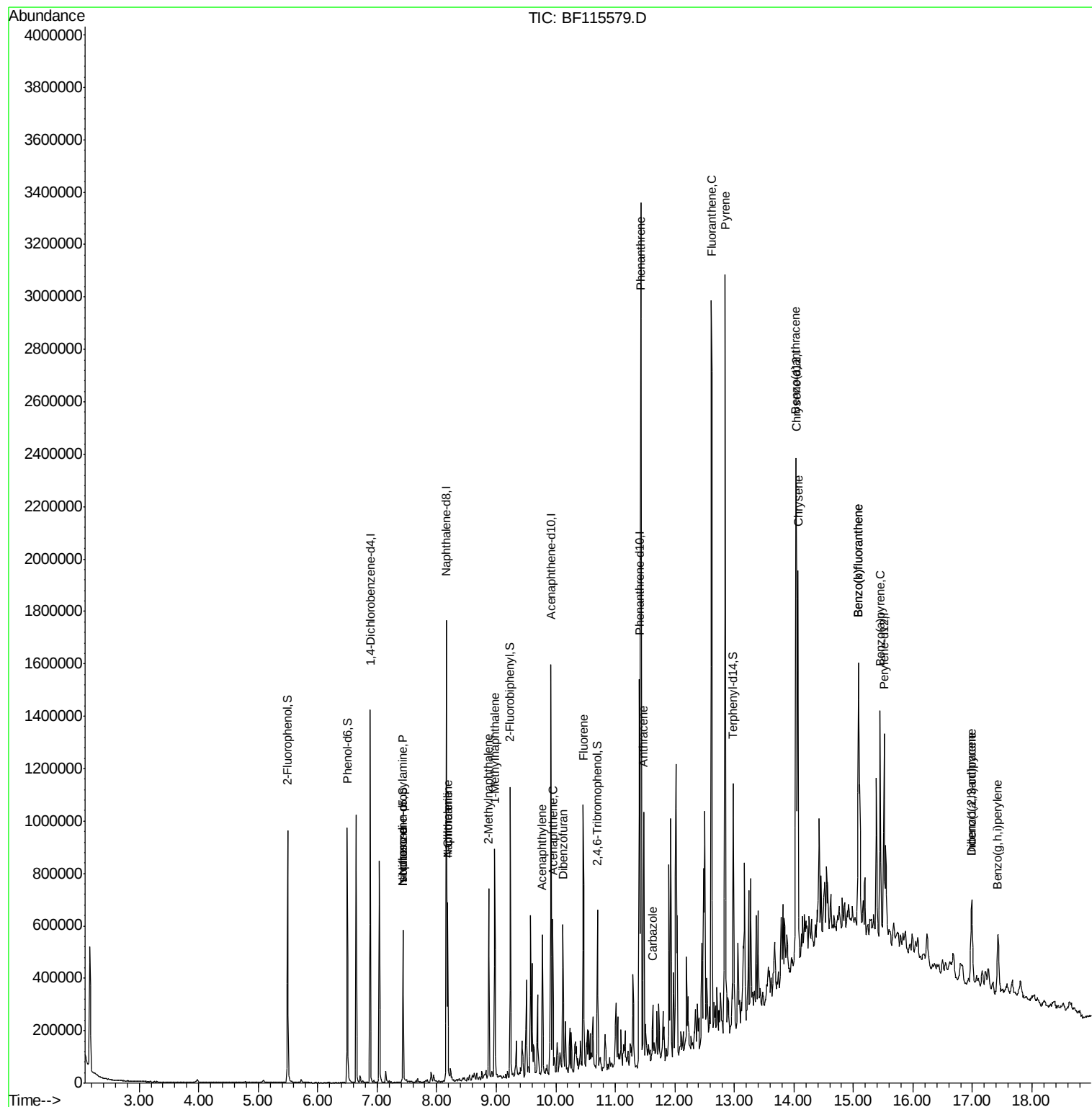
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.43	70	22994	2.250	ng	# 78
25) Isophorone	7.43	82	173070	6.857	ng	# 64
31) Naphthalene	8.19	128	292649	8.239	ng	95
33) 4-Chloroaniline	8.19	127	37851	2.406	ng	# 33
37) 2-Methylnaphthalene	8.87	142	190155	8.076	ng	97
38) 1-Methylnaphthalene	8.97	142	214968	9.612	ng	98
49) Acenaphthylene	9.78	152	177492	5.461	ng	98
52) Acenaphthene	9.95	154	111758	5.326	ng	95
55) Dibenzofuran	10.12	168	156967	5.268	ng	96
58) Fluorene	10.46	166	271910	12.764	ng	99
71) Phenanthrene	11.43	178	1277394	45.517	ng	97
72) Anthracene	11.48	178	390589	13.467	ng	98
73) Carbazole	11.63	167	82191	3.232	ng	99
75) Fluoranthene	12.62	202	1170851	39.481	ng	98
78) Pyrene	12.84	202	1254576	36.842	ng	98
81) Benzo(a)anthracene	14.03	228	600962	22.695	ng	94
83) Chrysene	14.07	228	599581	22.556	ng	97
86) Indeno(1,2,3-cd)pyrene	16.99	276	220623	9.769	ng	95
88) Benzo(b)fluoranthene	15.09	252	820362	32.857	ng	99
89) Benzo(k)fluoranthene	15.09	252	820362	36.853	ng	99
90) Benzo(a)pyrene	15.45	252	433012	20.178	ng	98
91) Dibenz(a,h)anthracene	16.99	278	62897	3.339	ng	# 87
92) Benzo(g,h,i)perylene	17.43	276	200865	10.691	ng	99

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

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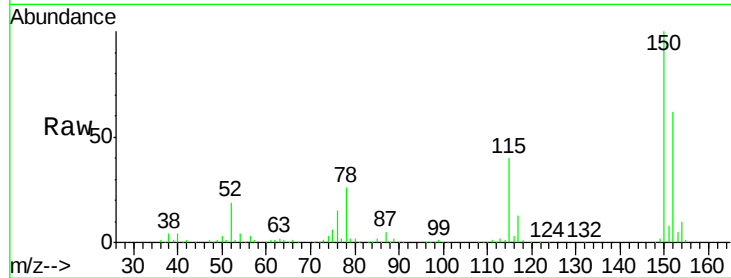


#1

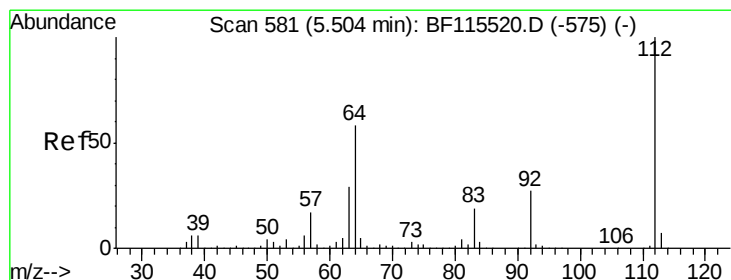
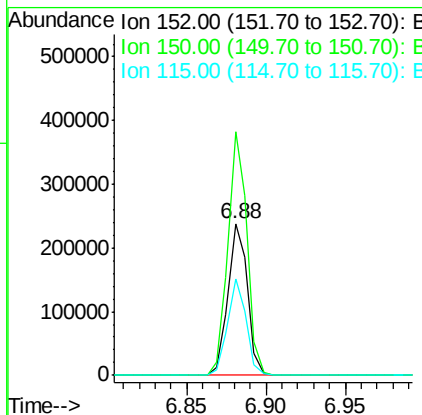
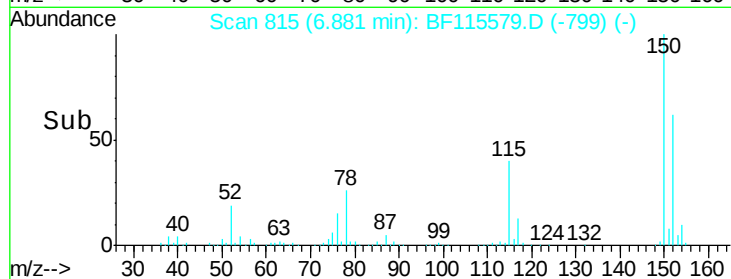
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF115579.D
 Acq: 16 Jul 2019 1:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	129.7	194.5
115	63.6	48.2	72.4



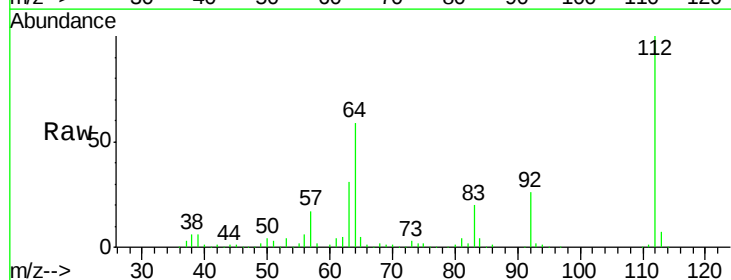
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



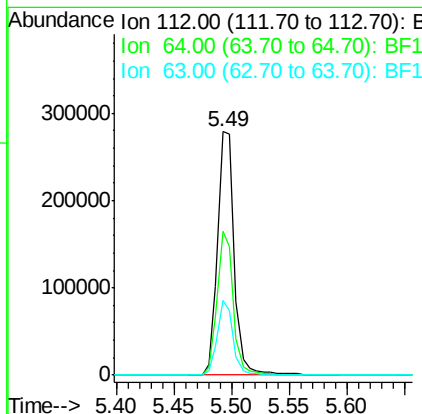
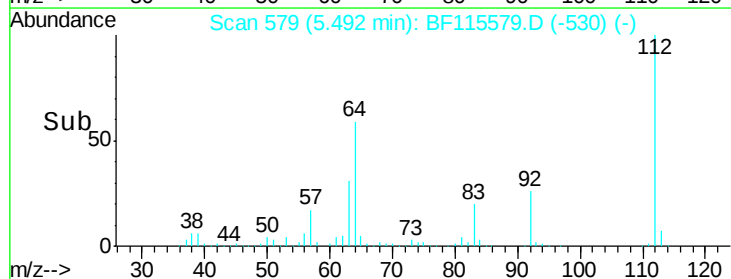
#5

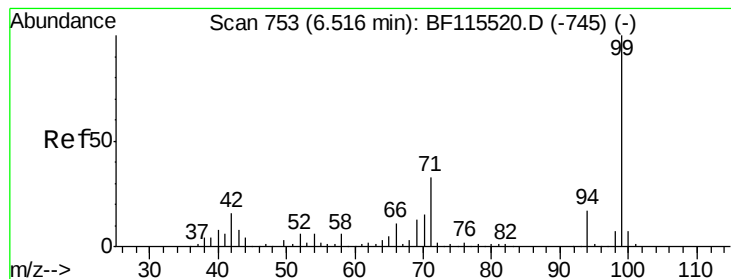
2-Fluorophenol
 Concen: 23.013 ng
 RT: 5.49 min Scan# 579
 Delta R.T. -0.01 min
 Lab File: BF115579.D
 Acq: 16 Jul 2019 1:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	46.8	70.2
63	30.6	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: 19.808 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF115579.D

Acq: 16 Jul 2019 1:26

Instrument :

BNA_F

ClientSampleId :

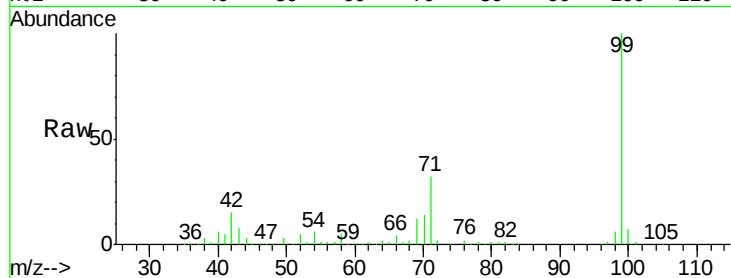
Tot Ion: 99 Resp: 310447

Ion Ratio Lower Upper

99 100

42 15.4 13.6 20.4

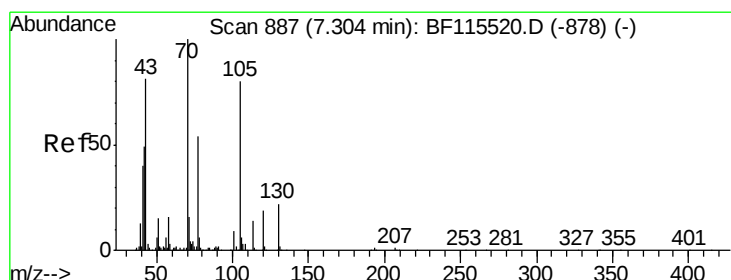
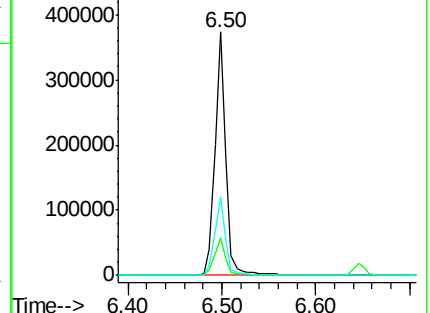
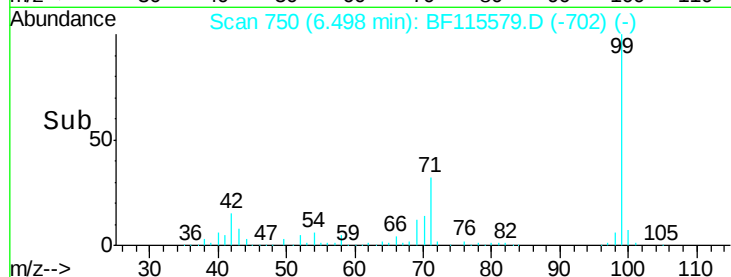
71 32.3 28.5 42.7



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: 2.250 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.13 min

Lab File: BF115579.D

Acq: 16 Jul 2019 1:26

Tgt Ion: 70 Resp: 22994

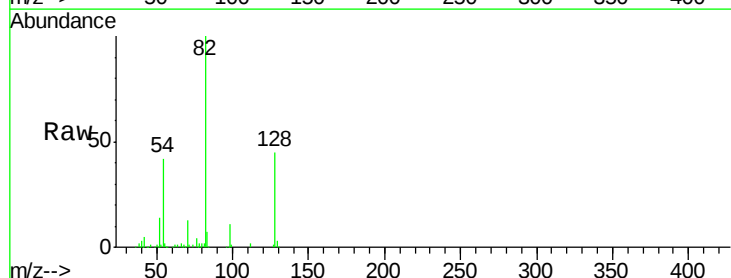
Ion Ratio Lower Upper

70 100

42 41.4 39.6 59.4

101 0.0 8.1 12.1#

130 3.0 18.2 27.2#

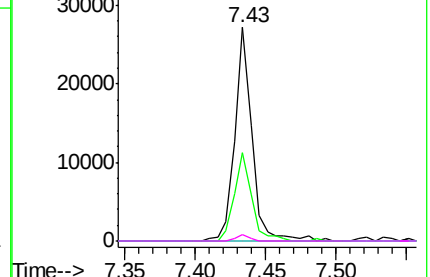
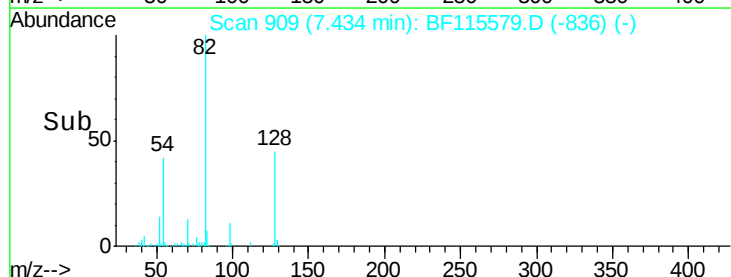


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

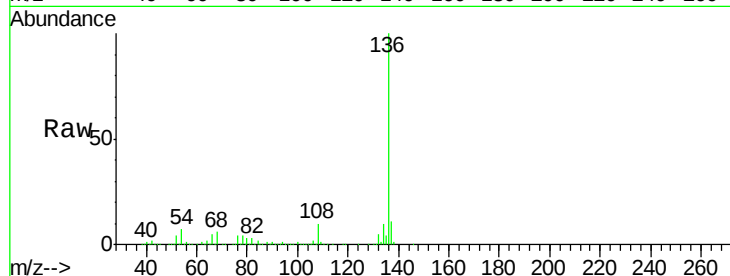
Delta R.T. -0.01 min

Lab File: BF115579.D

Acq: 16 Jul 2019 1:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	733433
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.0 13.4
54	6.8	5.6 8.4
68	6.1	5.0 7.6

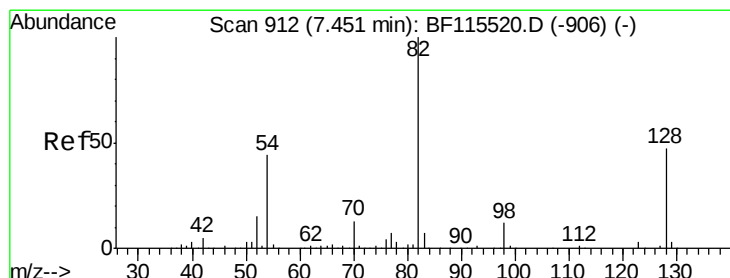
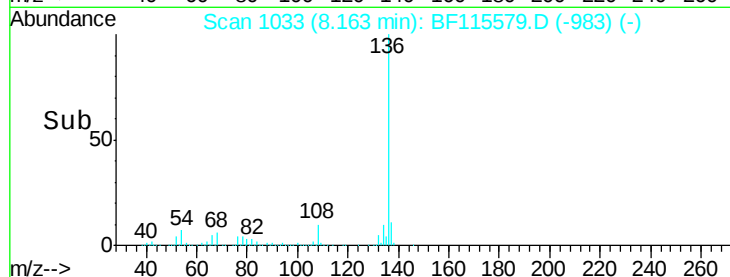
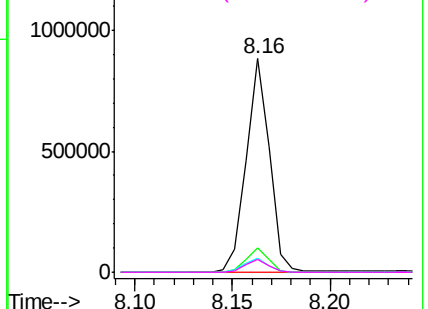


Abundance Ion 136.00 (135.70 to 136.70): E

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: 14.106 ng

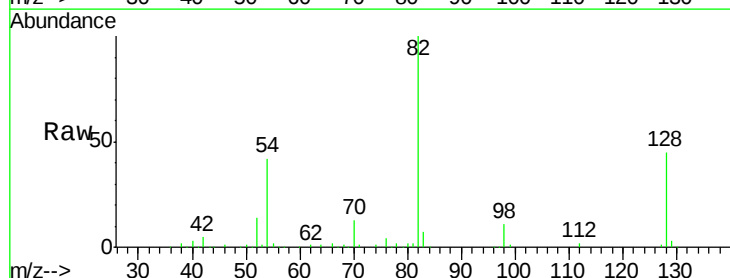
RT: 7.43 min Scan# 909

Delta R.T. -0.02 min

Lab File: BF115579.D

Acq: 16 Jul 2019 1:26

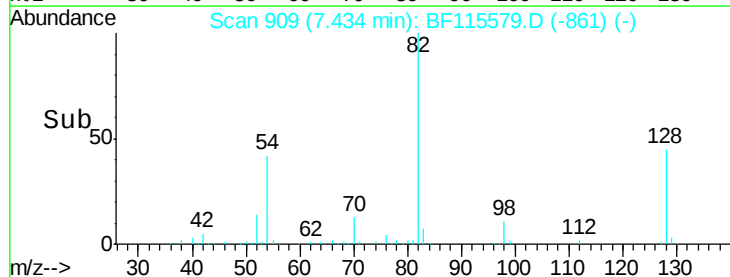
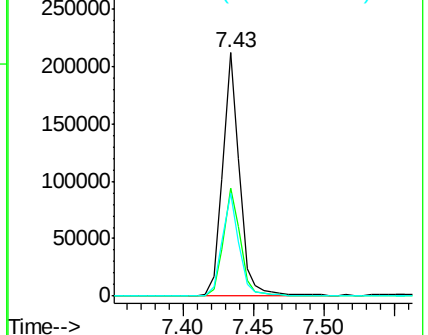
Tgt Ion: 82	Resp:	177928
Ion Ratio	Lower	Upper
82	100	
128	44.6	38.6 57.8
54	42.3	35.6 53.4



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: 6.857 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.28 min

Lab File: BF115579.D

Acq: 16 Jul 2019 1:26

Instrument :

BNA_F

ClientSampleId :

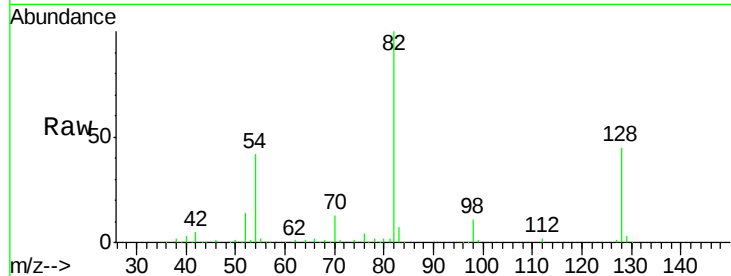
Tot Ion: 82 Resp: 173070

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

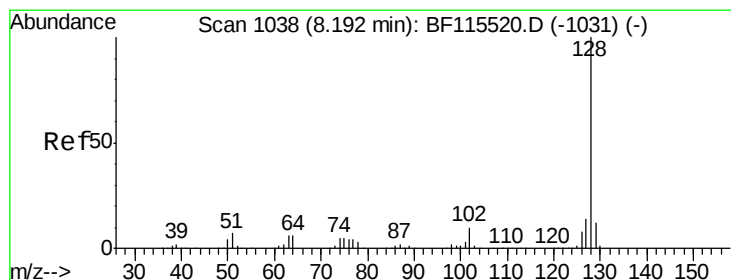
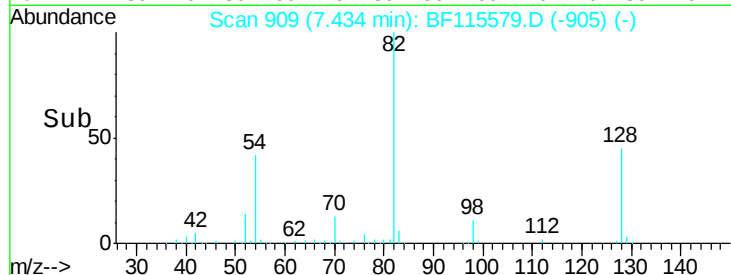
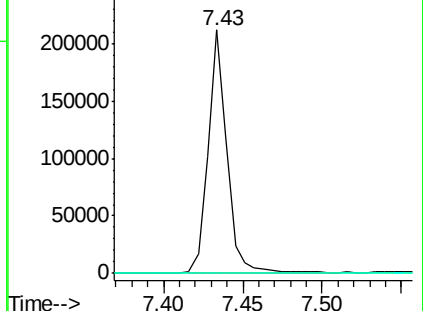
138 0.0 14.9 22.3#



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: 8.239 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF115579.D

Acq: 16 Jul 2019 1:26

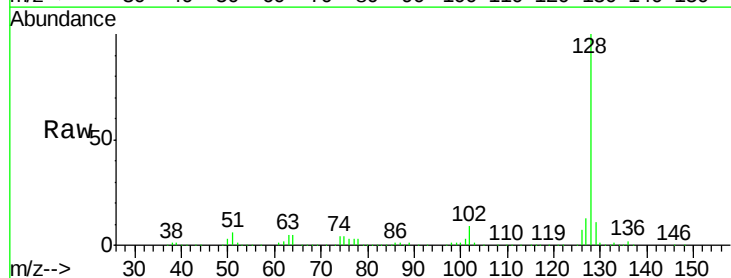
Tgt Ion: 128 Resp: 292649

Ion Ratio Lower Upper

128 100

129 10.7 9.9 14.9

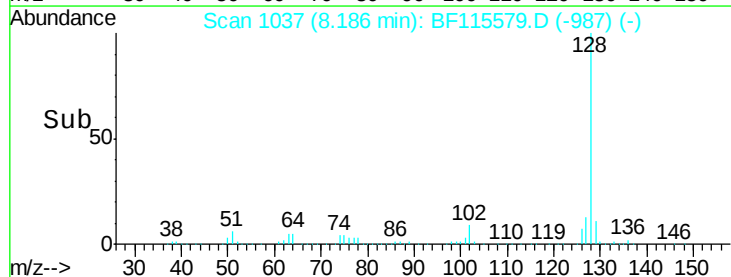
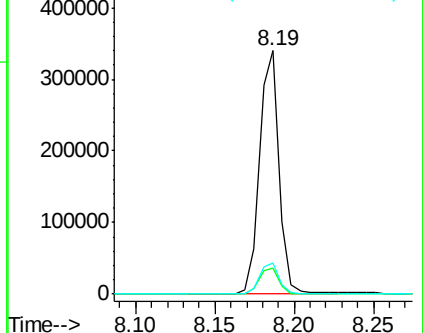
127 12.6 12.1 18.1

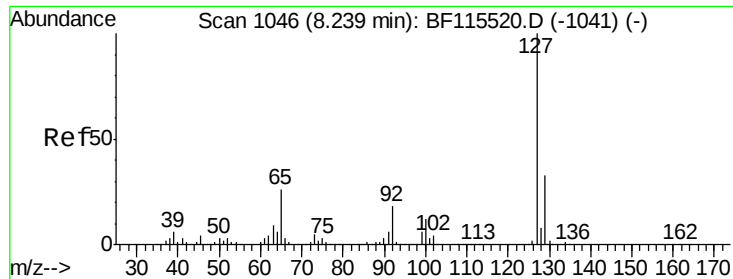


Abundance Ion 128.00 (127.70 to 128.70): BF1

Ion 129.00 (128.70 to 129.70): BF1

Ion 127.00 (126.70 to 127.70): BF1

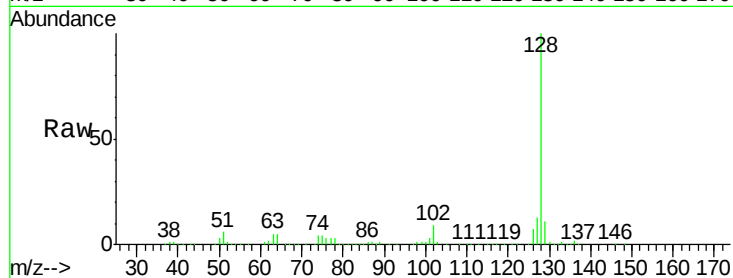




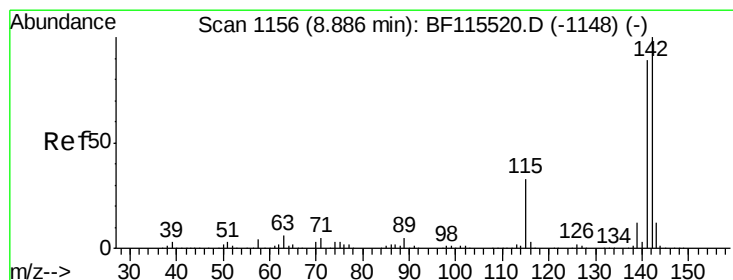
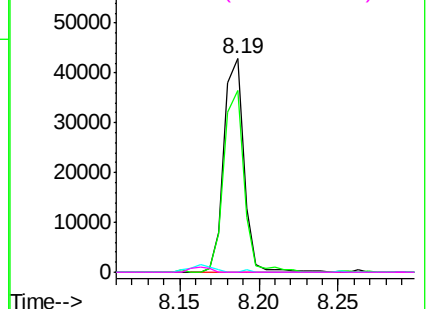
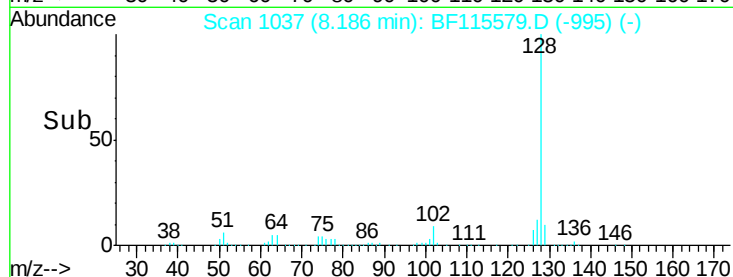
#33
4-Chloroaniline
Concen: 2.406 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.05 min
Lab File: BF115579.D
Acq: 16 Jul 2019 1:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 37851
Ion Ratio Lower Upper
127 100
129 85.0 26.6 39.8#
65 0.0 23.7 35.5#
92 0.0 15.8 23.8#

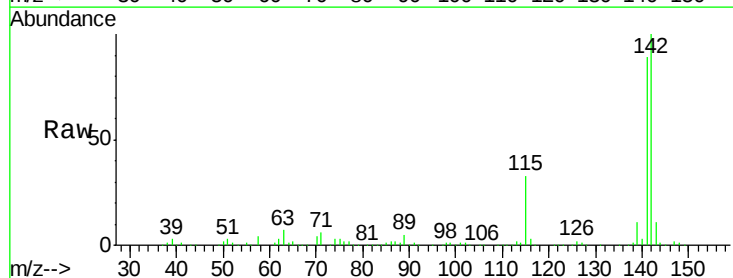


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

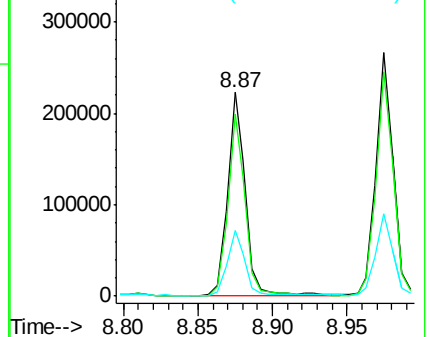
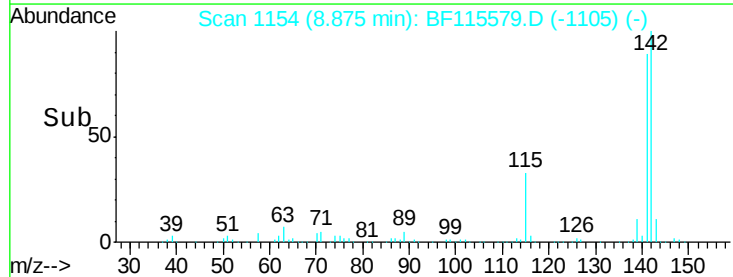


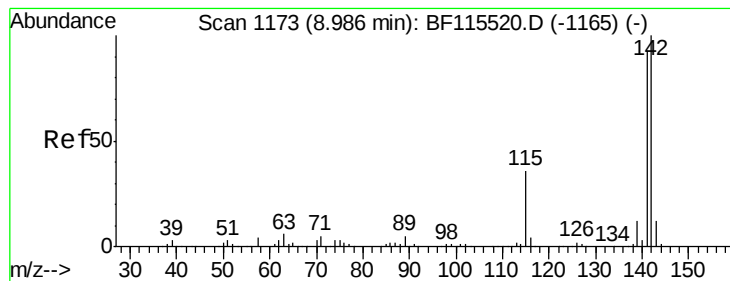
#37
2-Methylnaphthalene
Concen: 8.076 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF115579.D
Acq: 16 Jul 2019 1:26

Tgt Ion:142 Resp: 190155
Ion Ratio Lower Upper
142 100
141 89.4 72.0 108.0
115 32.5 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: 9.612 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF115579.D

Acq: 16 Jul 2019 1:26

Instrument :

BNA_F

ClientSampleId :

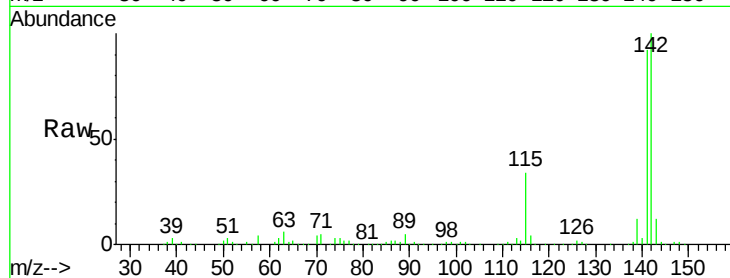
Tot Ion:142 Resp: 214968

Ion Ratio Lower Upper

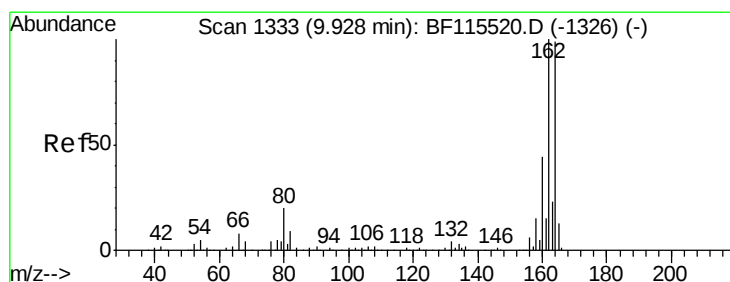
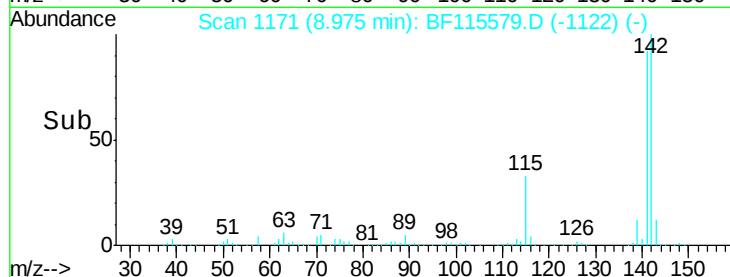
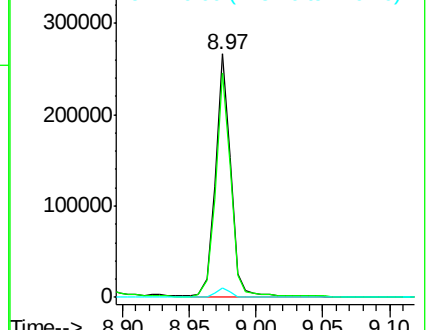
142 100

141 92.0 75.3 112.9

116 3.7 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# 1331

Delta R.T. -0.01 min

Lab File: BF115579.D

Acq: 16 Jul 2019 1:26

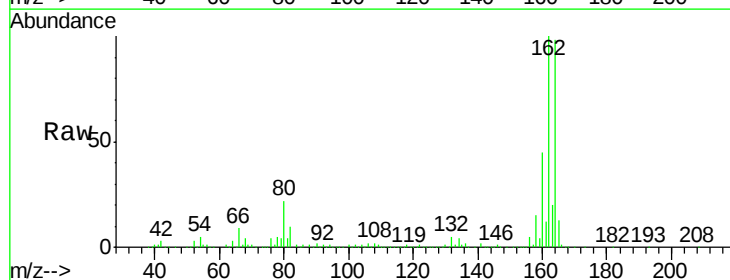
Tgt Ion:164 Resp: 336948

Ion Ratio Lower Upper

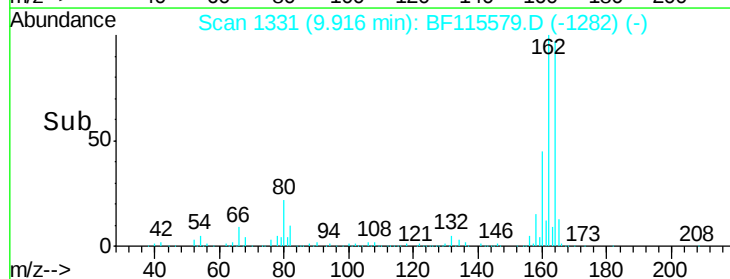
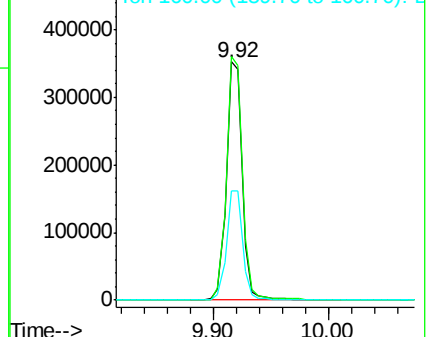
164 100

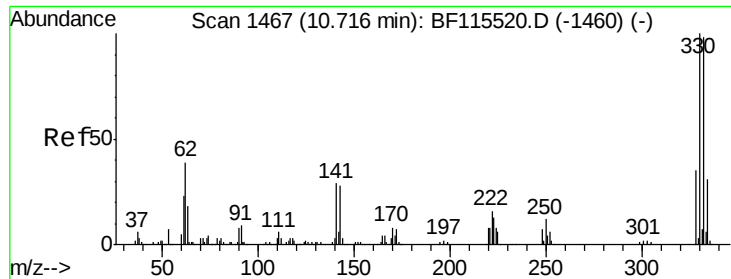
162 102.2 82.9 124.3

160 45.9 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

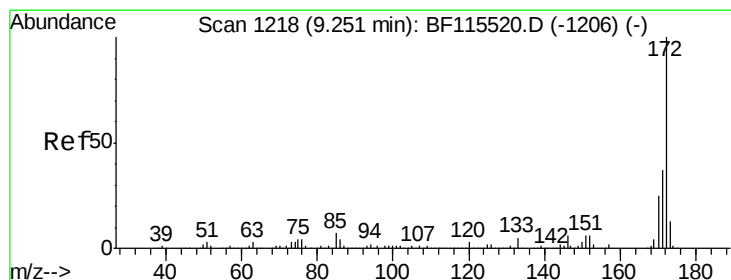
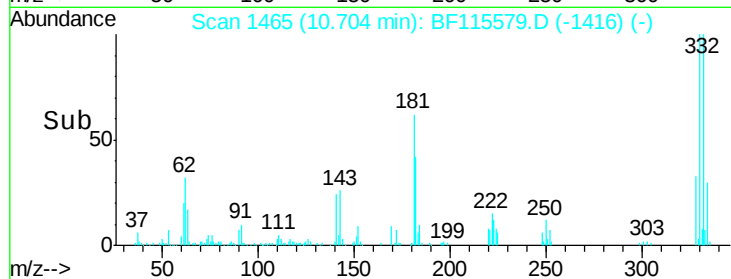
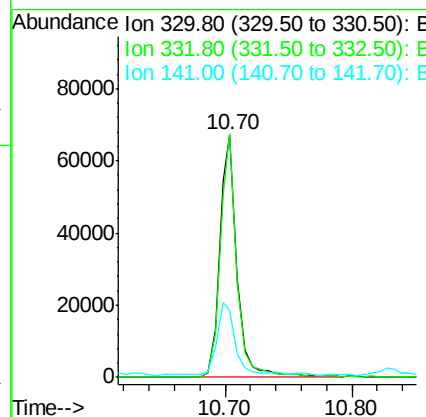
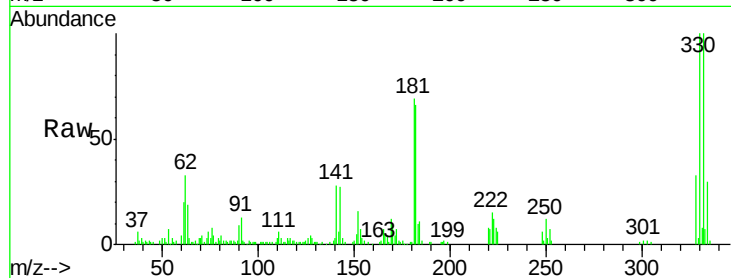




#42
 2,4,6-Tribromophenol
 Concen: 16.479 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF115579.D
 Acq: 16 Jul 2019 1:26

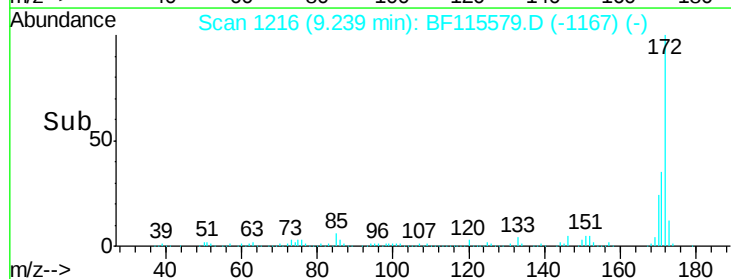
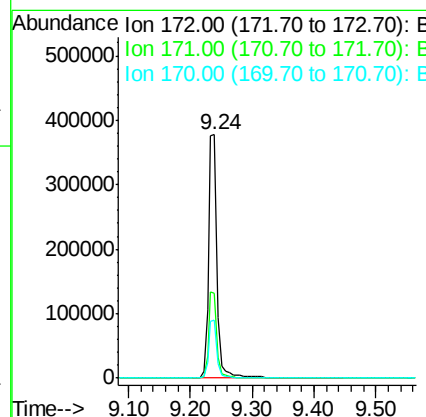
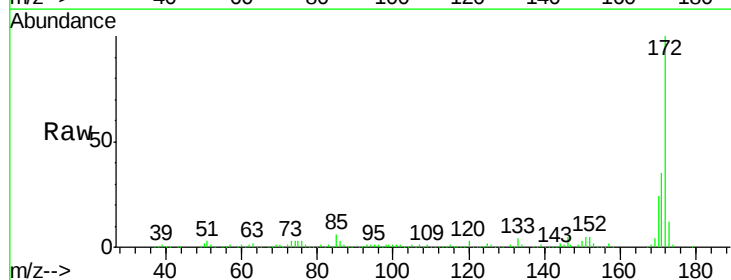
Instrument :
 BNA_F
 ClientSampleId :

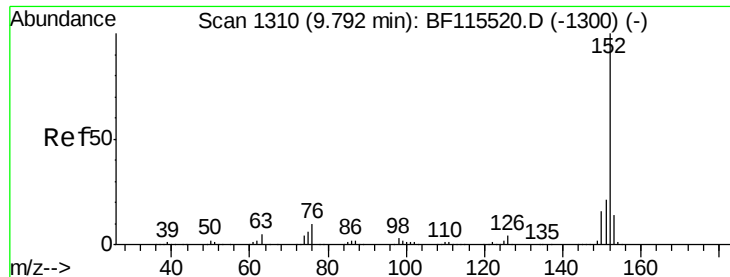
Tot Ion:330 Resp: 64810
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.2
 141 30.5 22.4 33.6



#45
 2-Fluorobiphenyl
 Concen: 19.196 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115579.D
 Acq: 16 Jul 2019 1:26

Tgt Ion:172 Resp: 369545
 Ion Ratio Lower Upper
 172 100
 171 35.1 30.6 46.0
 170 23.6 20.5 30.7





#49

Acenaphthylene

Concen: 5.461 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF115579.D

Acq: 16 Jul 2019 1:26

Instrument :

BNA_F

ClientSampleId :

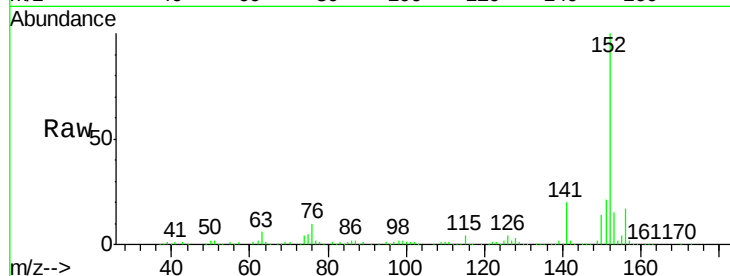
Tot Ion:152 Resp: 177492

Ion Ratio Lower Upper

152 100

151 21.2 17.7 26.5

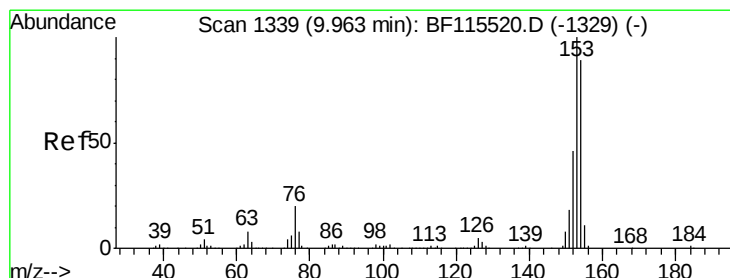
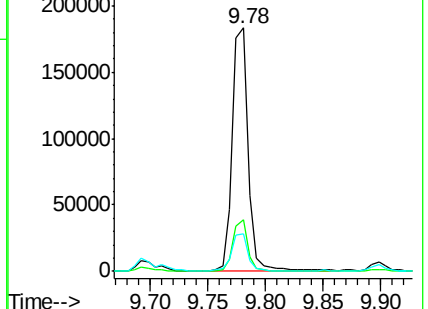
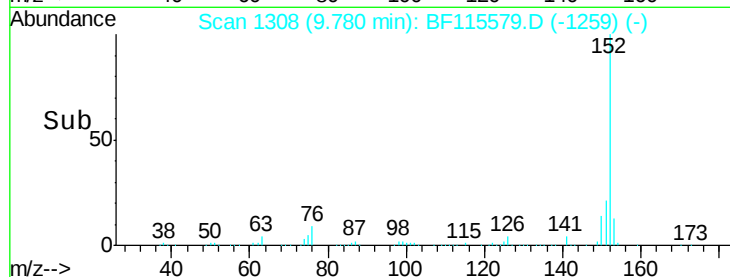
153 15.4 12.0 18.0



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: 5.326 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF115579.D

Acq: 16 Jul 2019 1:26

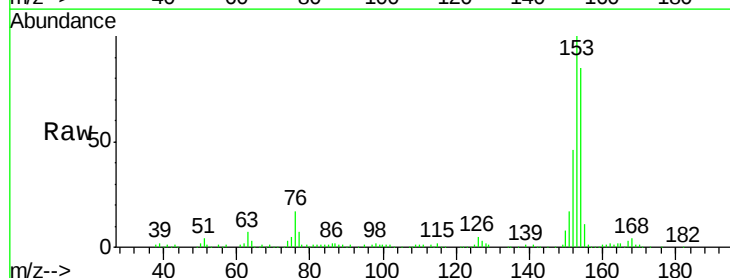
Tgt Ion:154 Resp: 111758

Ion Ratio Lower Upper

154 100

153 117.5 88.6 133.0

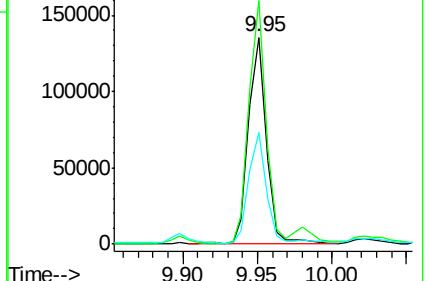
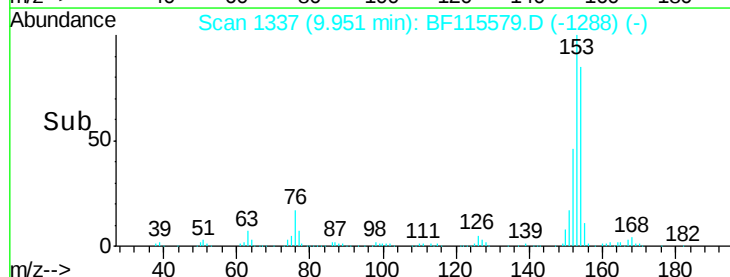
152 54.0 42.3 63.5

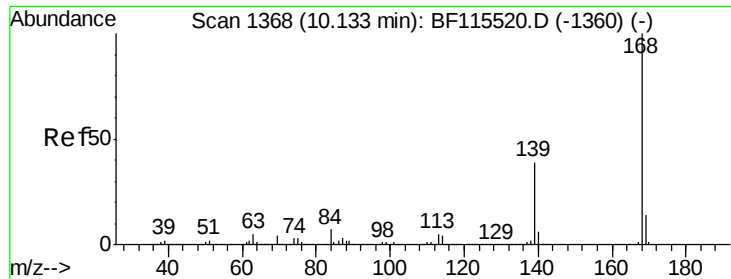


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

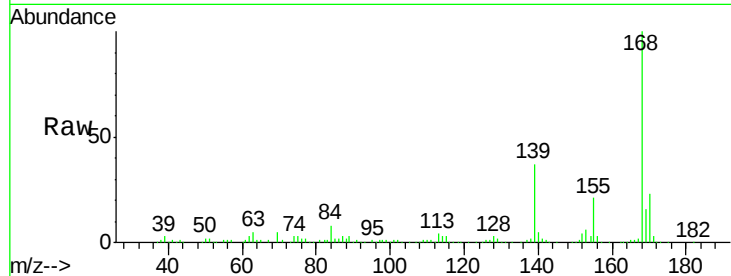




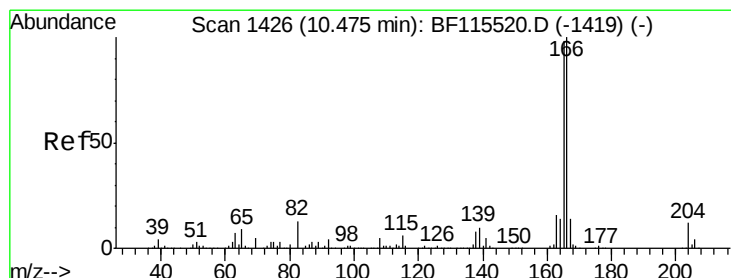
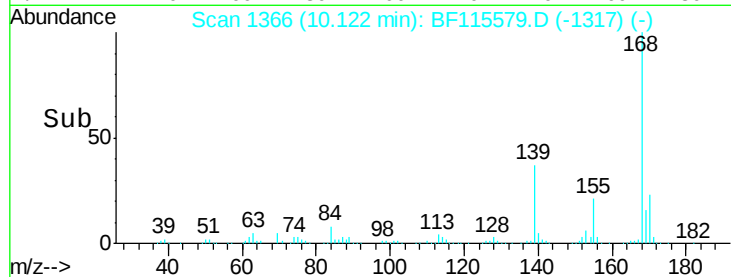
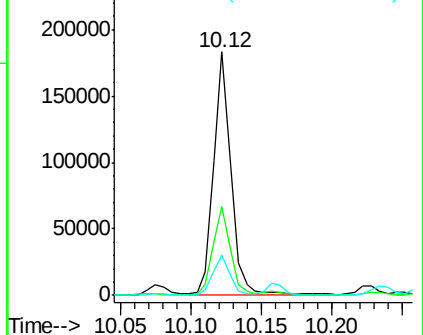
#55
Dibenzofuran
Concen: 5.268 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF115579.D
Acq: 16 Jul 2019 1:26

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.7	31.1	46.7
169	16.3	11.1	16.7

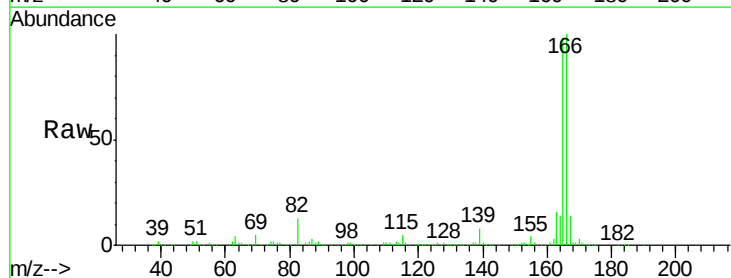


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

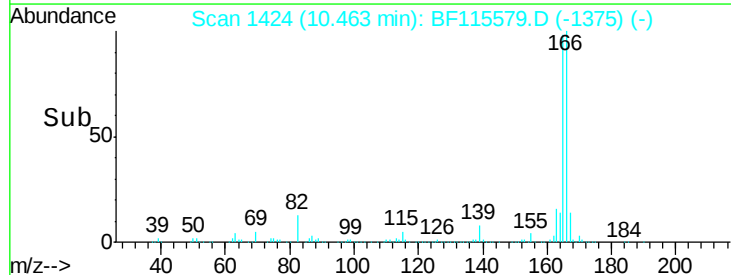
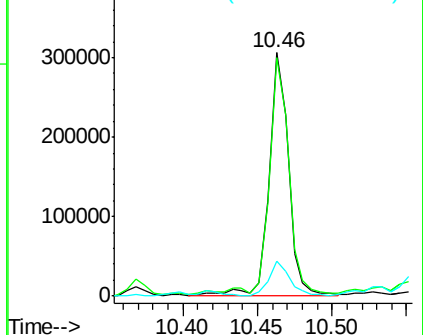


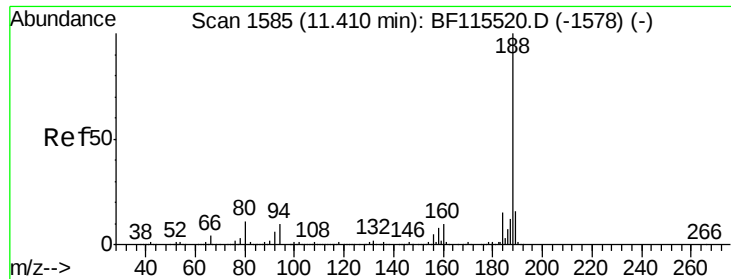
#58
Fluorene
Concen: 12.764 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF115579.D
Acq: 16 Jul 2019 1:26

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.8	119.6
167	14.2	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

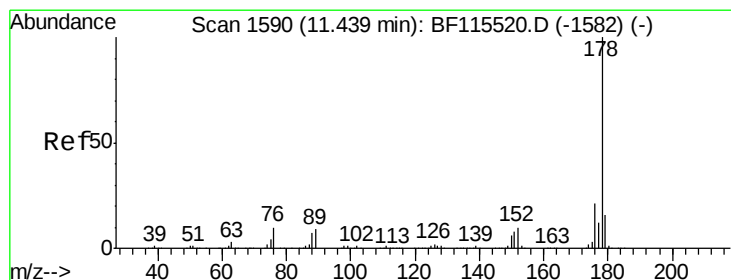
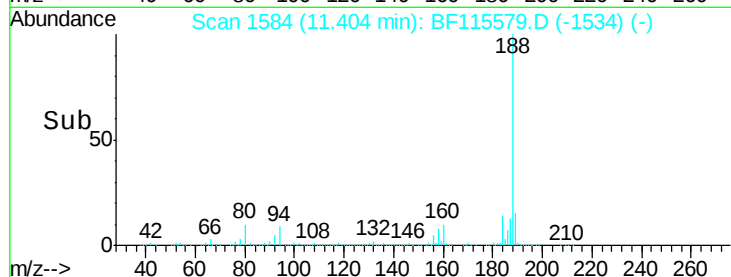
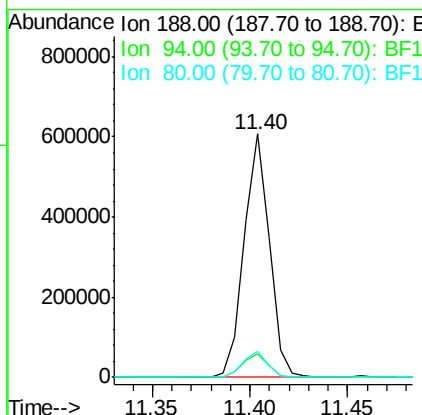
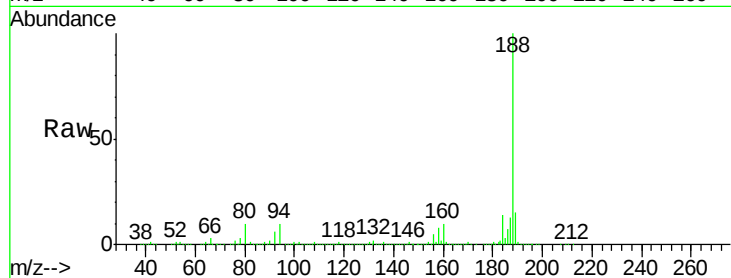




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115579.D
Acq: 16 Jul 2019 1:26

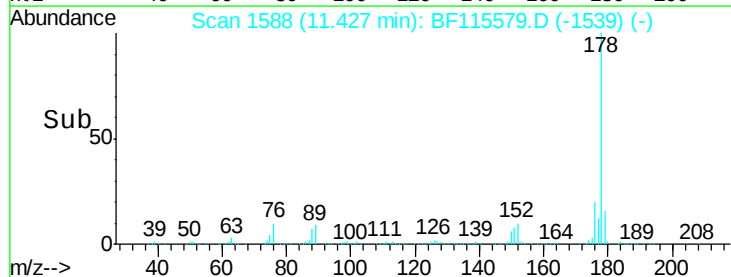
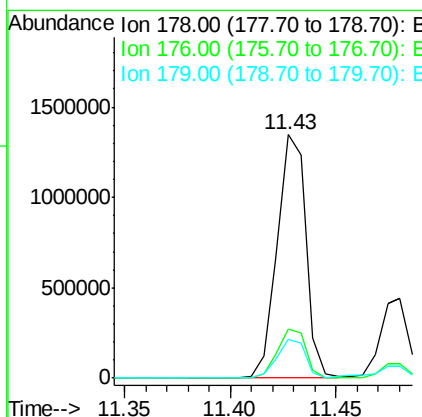
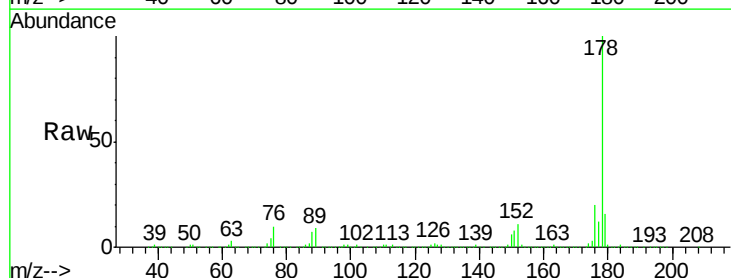
Instrument :
BNA_F
ClientSampleId :

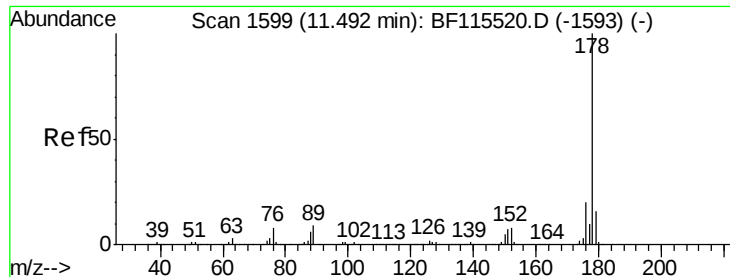
Tot Ion:188 Resp: 547493
Ion Ratio Lower Upper
188 100
94 9.5 7.8 11.6
80 10.5 8.6 13.0



#71
Phenanthrene
Concen: 45.517 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF115579.D
Acq: 16 Jul 2019 1:26

Tgt Ion:178 Resp: 1277394
Ion Ratio Lower Upper
178 100
176 20.0 17.2 25.8
179 16.1 13.5 20.3

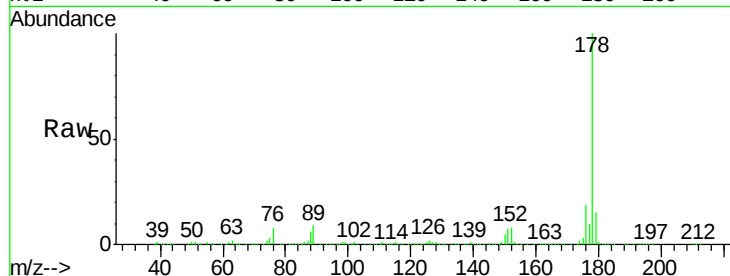




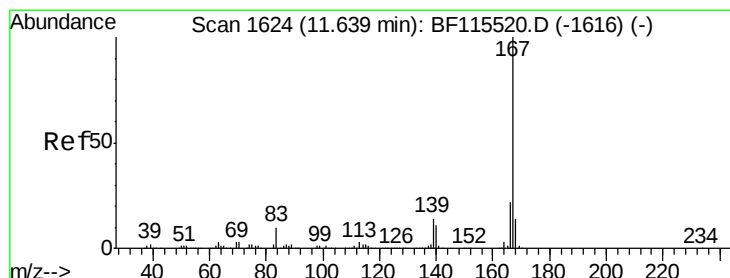
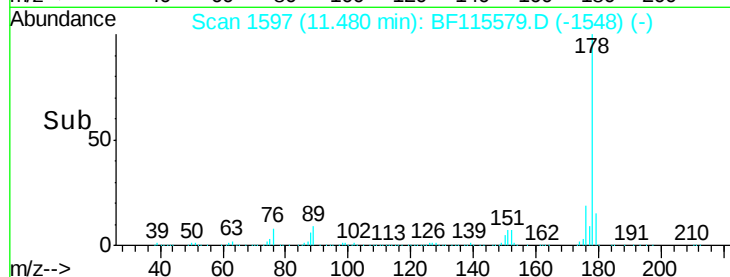
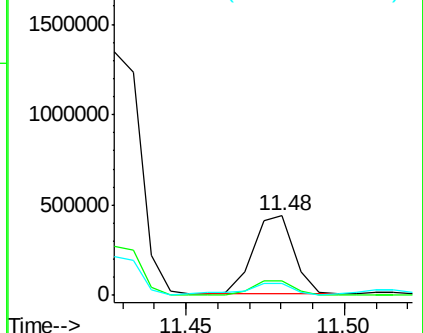
#72
 Anthracene
 Concen: 13.467 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF115579.D
 Acq: 16 Jul 2019 1:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.9	23.9
179	15.2	12.7	19.1

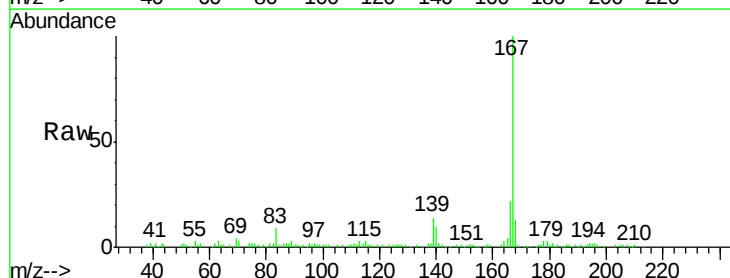


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

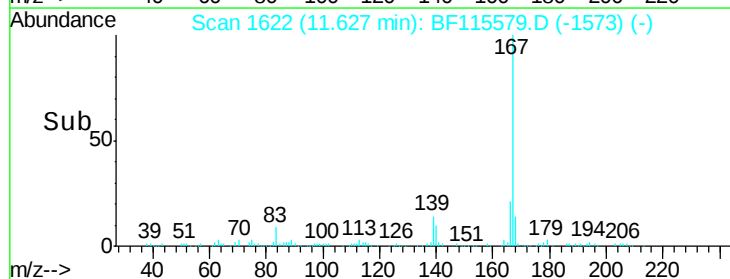
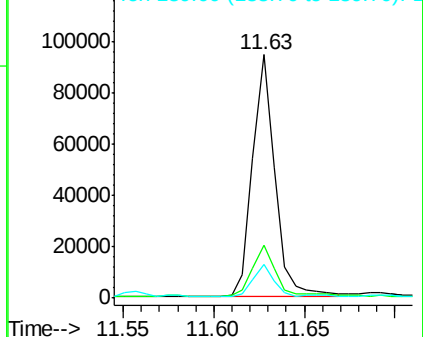


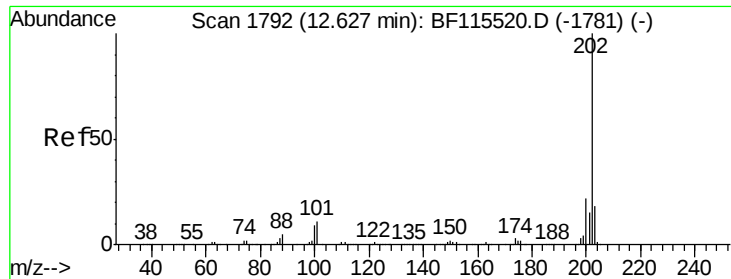
#73
 Carbazole
 Concen: 3.232 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF115579.D
 Acq: 16 Jul 2019 1:26

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.1	27.1
139	14.1	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: 39.481 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF115579.D

Acq: 16 Jul 2019 1:26

Instrument :

BNA_F

ClientSampleId :

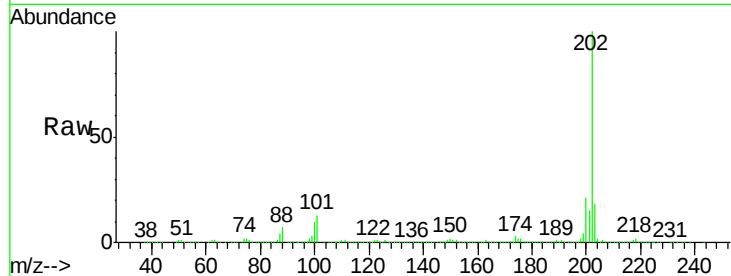
Tot Ion:202 Resp: 1170851

Ion Ratio Lower Upper

202 100

101 13.5 0.0 31.4

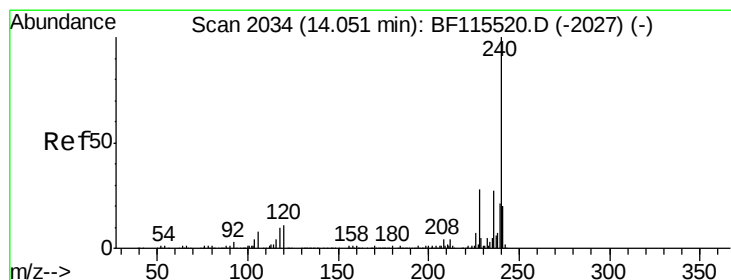
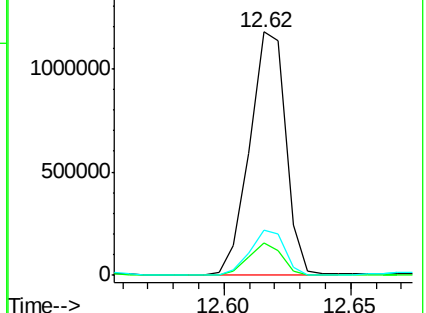
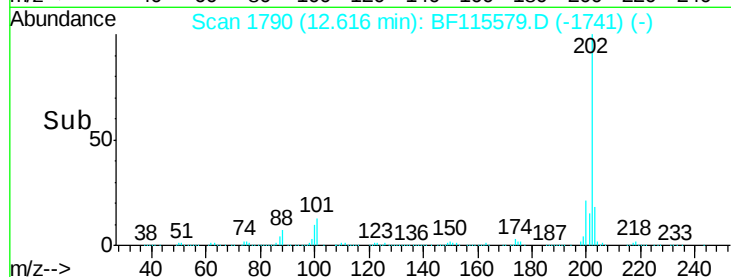
203 18.4 0.0 38.1



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: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF115579.D

Acq: 16 Jul 2019 1:26

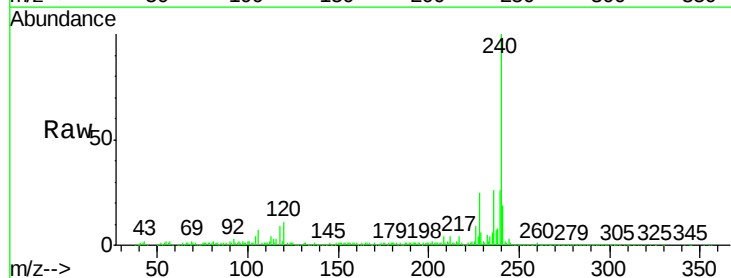
Tgt Ion:240 Resp: 401932

Ion Ratio Lower Upper

240 100

120 10.8 8.6 13.0

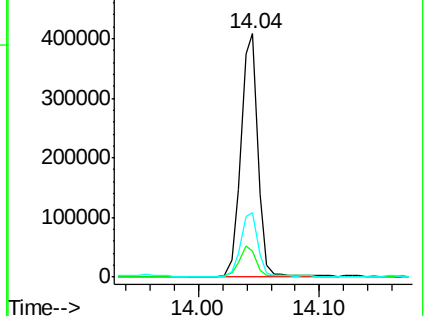
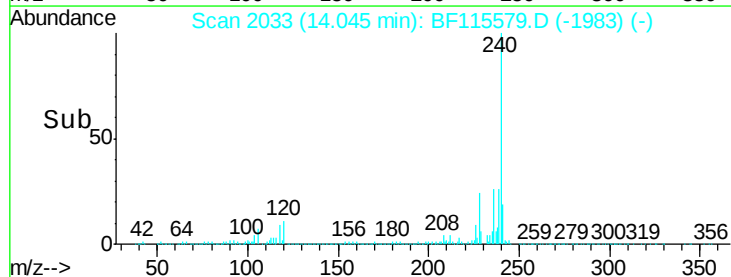
236 26.4 21.3 31.9

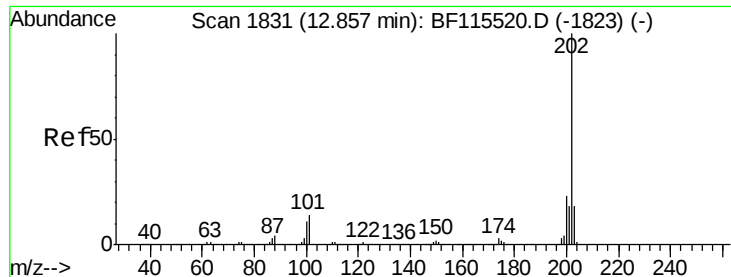


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

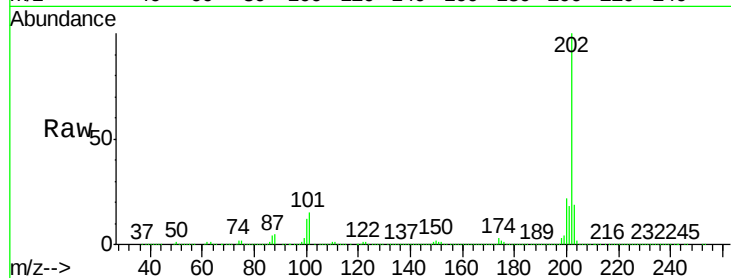




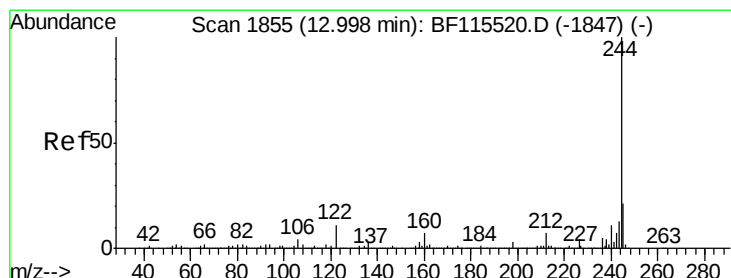
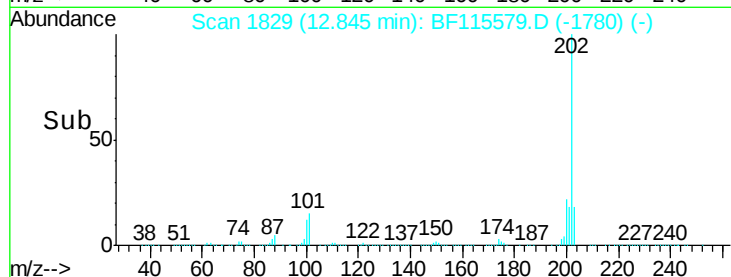
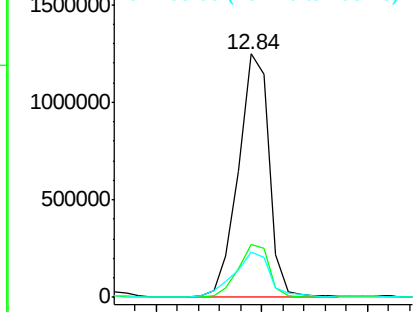
#78
Pvrene
Concen: 36.842 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF115579.D
Acq: 16 Jul 2019 1:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1254576
Ion Ratio Lower Upper
202 100
200 21.8 18.7 28.1
203 18.7 15.2 22.8

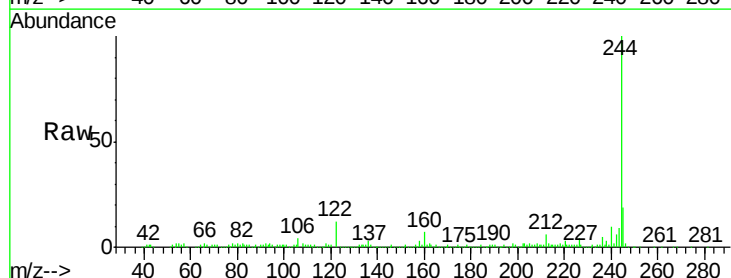


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

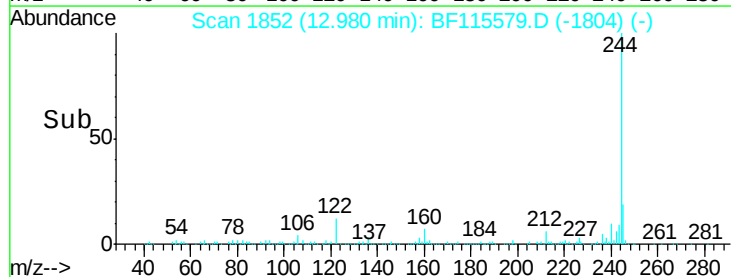
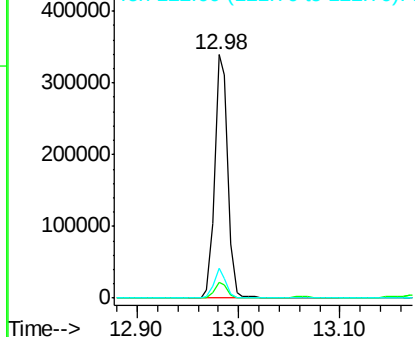


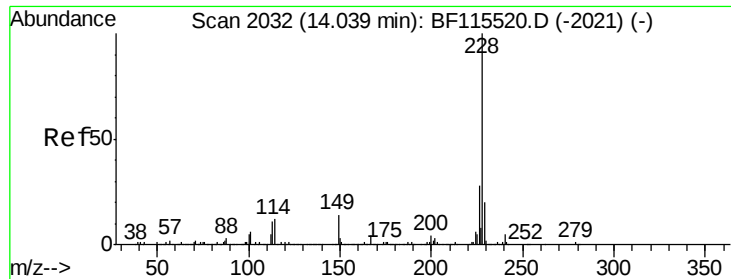
#79
Terphenyl-d14
Concen: 13.941 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BF115579.D
Acq: 16 Jul 2019 1:26

Tgt Ion:244 Resp: 303685
Ion Ratio Lower Upper
244 100
212 6.4 6.0 9.0
122 12.2 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

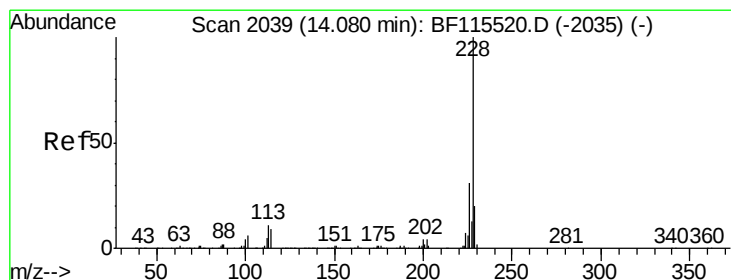
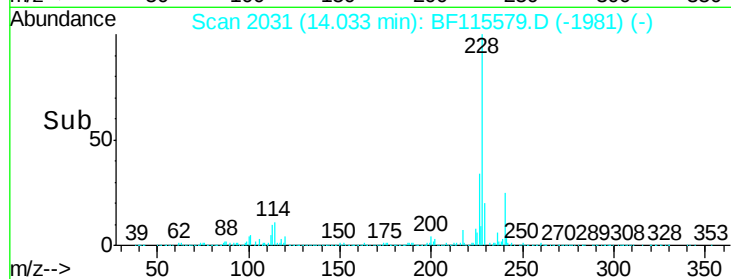
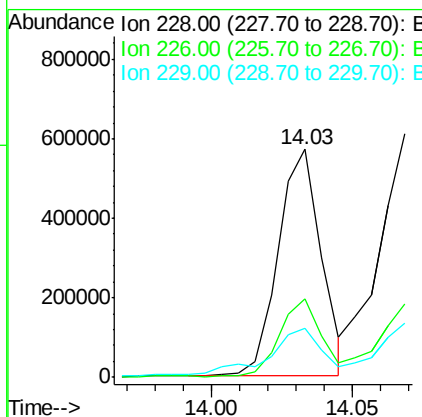
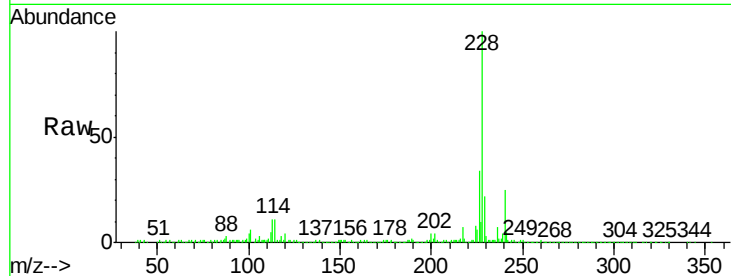




#81
Benzo(a)anthracene
Concen: 22.695 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF115579.D
Acq: 16 Jul 2019 1:26

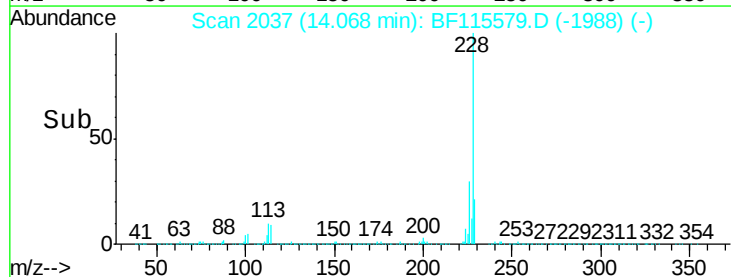
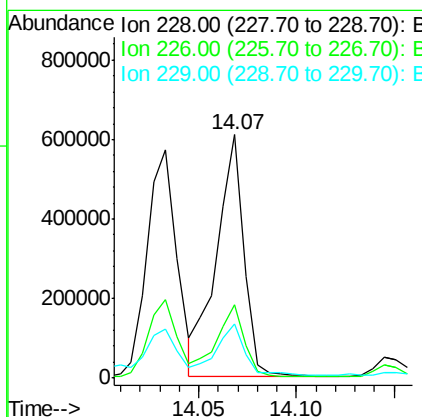
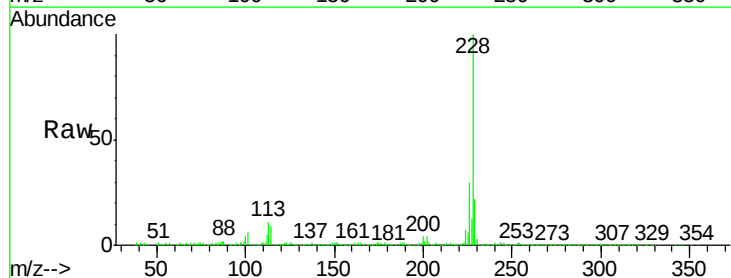
Instrument :
BNA_F
ClientSampleId :

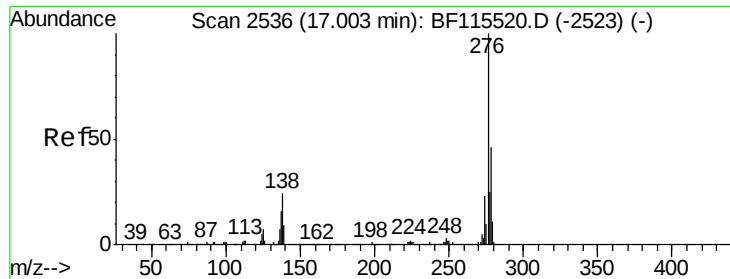
Tot Ion:228 Resp: 600962
Ion Ratio Lower Upper
228 100
226 34.2 23.4 35.0
229 21.8 17.2 25.8



#83
Chrysene
Concen: 22.556 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF115579.D
Acq: 16 Jul 2019 1:26

Tgt Ion:228 Resp: 599581
Ion Ratio Lower Upper
228 100
226 30.3 25.7 38.5
229 22.2 16.6 25.0

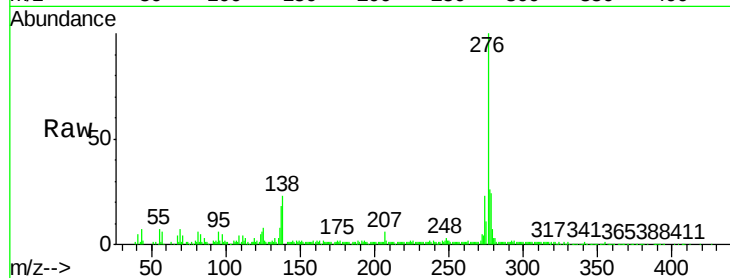




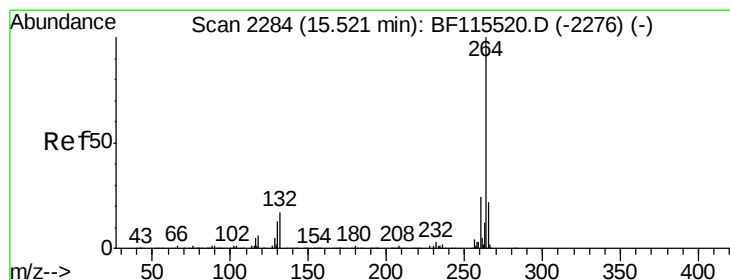
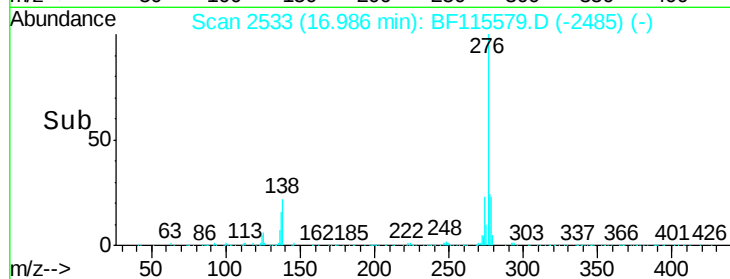
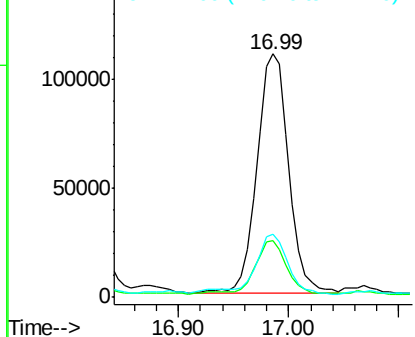
#86
Indeno(1,2,3-cd)pyrene
Concen: 9.769 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.02 min
Lab File: BF115579.D
Acq: 16 Jul 2019 1:26

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.3	20.2	30.2
277	23.9	20.4	30.6

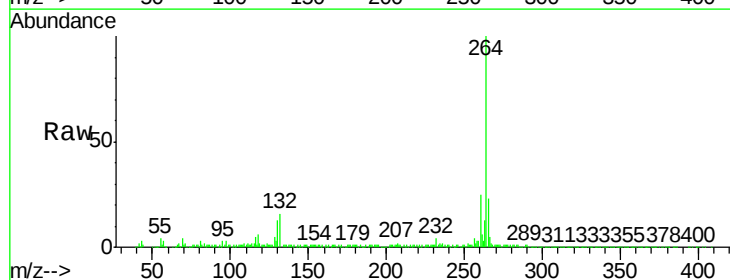


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

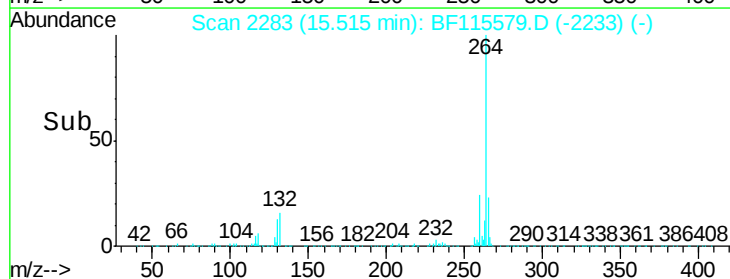
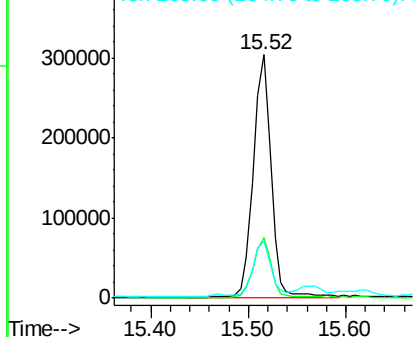


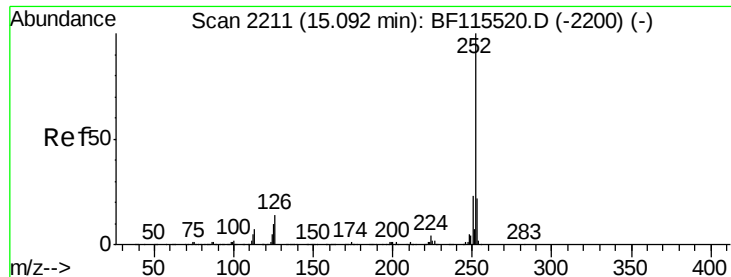
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BF115579.D
Acq: 16 Jul 2019 1:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.8	29.8
265	23.3	17.7	26.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

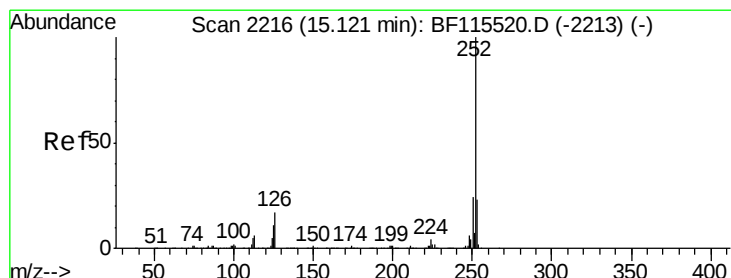
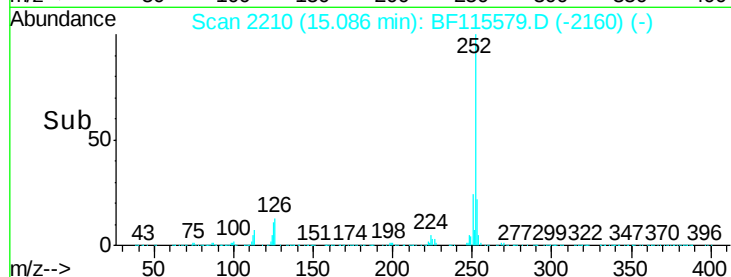
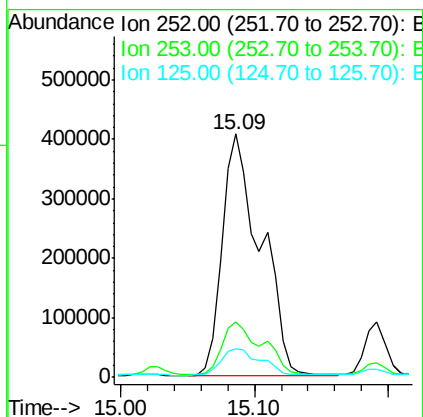
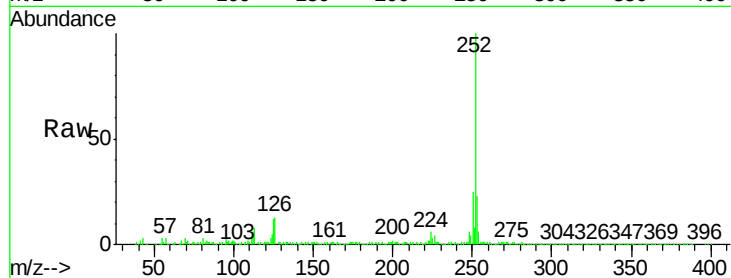




#88
Benzo(b)fluoranthene
Concen: 32.857 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF115579.D
Acq: 16 Jul 2019 1:26

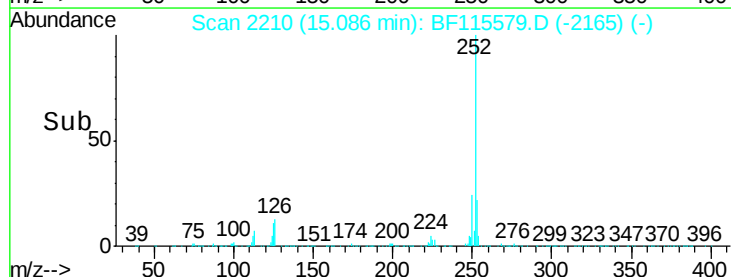
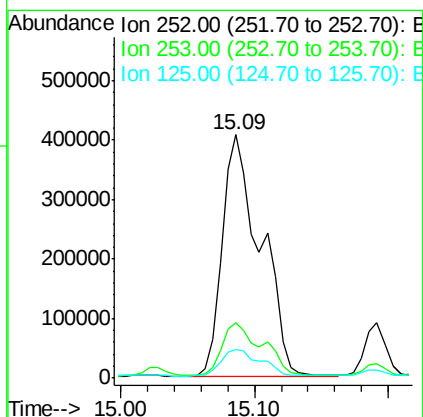
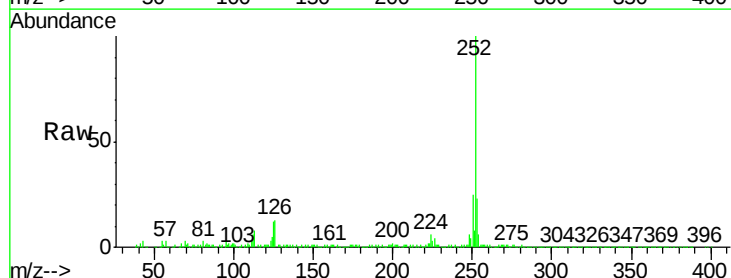
Instrument :
BNA_F
ClientSampled :

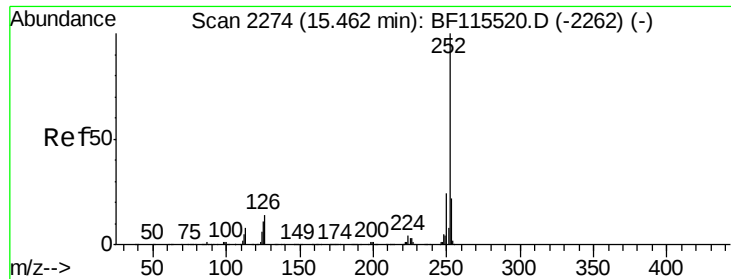
Tot Ion:252 Resp: 820362
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 11.9 9.0 13.4



#89
Benzo(k)fluoranthene
Concen: 36.853 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.04 min
Lab File: BF115579.D
Acq: 16 Jul 2019 1:26

Tgt Ion:252 Resp: 820362
Ion Ratio Lower Upper
252 100
253 22.6 18.6 28.0
125 11.9 9.0 13.6





#90

Benzo(a)pyrene

Concen: 20.178 ng

RT: 15.45 min Scan# 2272

Delta R.T. -0.01 min

Lab File: BF115579.D

Acq: 16 Jul 2019 1:26

Instrument :

BNA_F

ClientSampled :

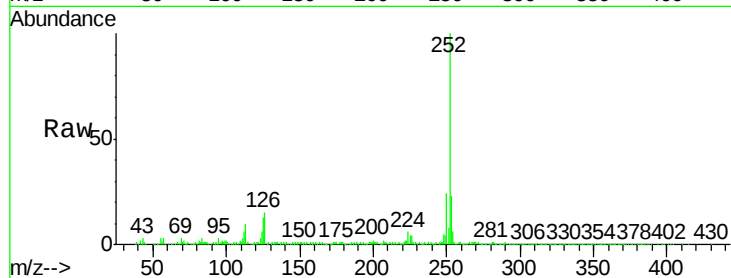
Tot Ion:252 Resp: 433012

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.6

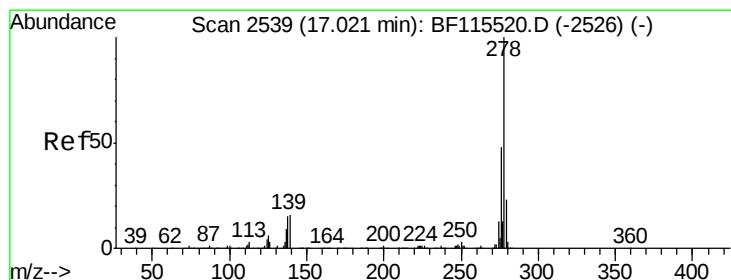
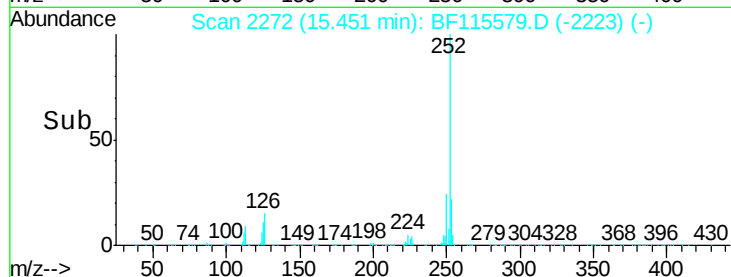
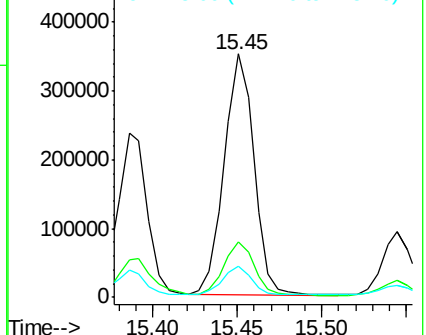
125 12.6 9.1 13.7



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: 3.339 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.03 min

Lab File: BF115579.D

Acq: 16 Jul 2019 1:26

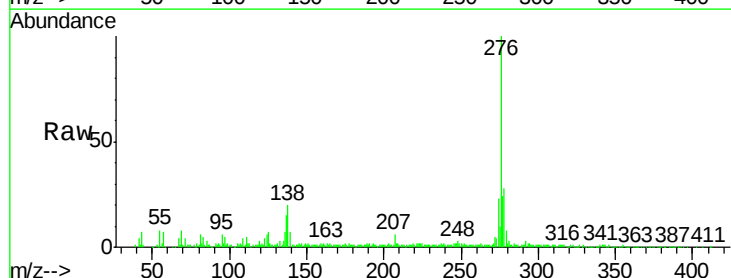
Tgt Ion:278 Resp: 62897

Ion Ratio Lower Upper

278 100

139 24.4 13.1 19.7#

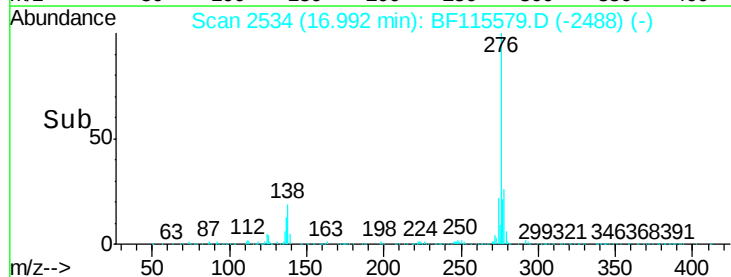
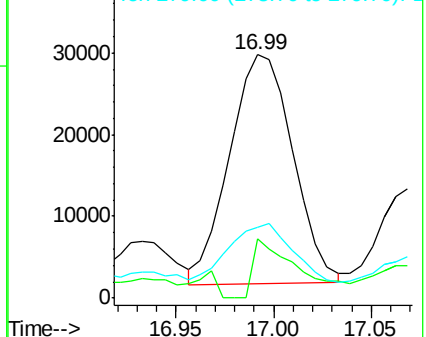
279 29.0 19.6 29.4

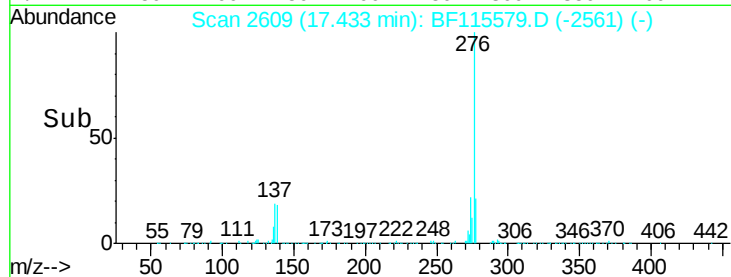
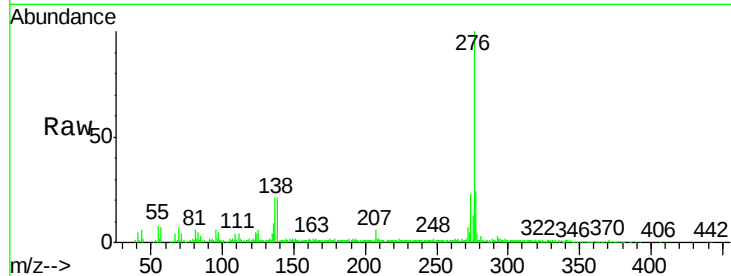
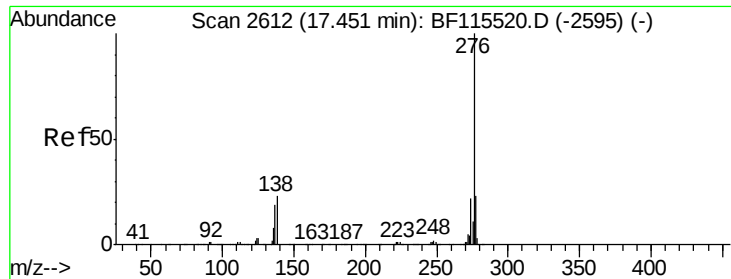


Abundance Ion 278.00 (277.70 to 278.70): E

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: 10.691 ng
 RT: 17.43 min Scan# 2609
 Delta R.T. -0.02 min
 Lab File: BF115579.D
 Acq: 16 Jul 2019 1:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	20.6	17.2	25.8

