

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072619\
 Data File : BF115811.D
 Acq On : 27 Jul 2019 2:19
 Operator : HP/JU
 Sample : K3626-09 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-072519-A

Quant Time: Jul 27 03:35:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	134024	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	512963	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	246823	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	372101	20.00	ng	0.00
76) Chrysene-d12	14.03	240	309006	20.00	ng	0.00
87) Perylene-d12	15.50	264	331601	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	165427	20.19	ng	0.00
7) Phenol-d6	6.50	99	224358	21.58	ng	0.00
23) Nitrobenzene-d5	7.43	82	130411	14.78	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	39240	13.62	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	249036	17.66	ng	-0.01
79) Terphenyl-d14	12.97	244	220594	13.17	ng	-0.01

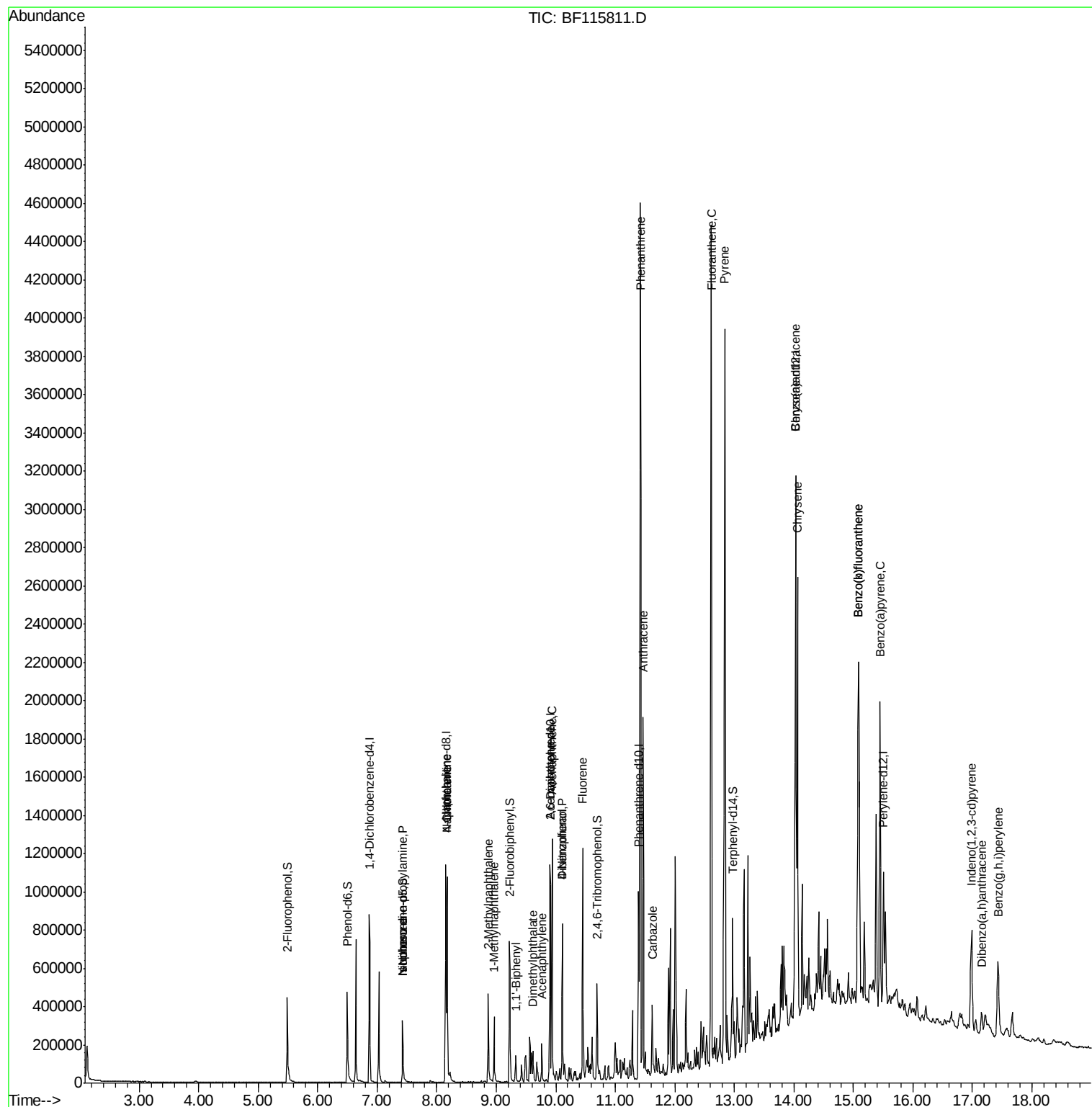
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.43	70	16862	2.487	ng	# 82
25) Isophorone	7.43	82	130428	7.389	ng	# 65
31) Naphthalene	8.17	128	508080	20.452	ng	98
33) 4-Chloroaniline	8.17	127	66135	6.010	ng	# 35
37) 2-Methylnaphthalene	8.86	142	147894	8.981	ng	99
38) 1-Methylnaphthalene	8.96	142	100596	6.431	ng	98
46) 1,1'-Biphenyl	9.33	154	49055	2.542	ng	98
49) Acenaphthylene	9.77	152	75132	3.156	ng	99
50) Dimethylphthalate	9.62	163	59968	3.229	ng	100
51) 2,6-Dinitrotoluene	9.90	165	36917	8.748	ng	# 25
52) Acenaphthene	9.94	154	257447	16.749	ng	97
55) Dibenzofuran	10.11	168	306196	14.028	ng	98
56) 4-Nitrophenol	10.11	139	118119	32.119	ng	# 8
58) Fluorene	10.45	166	374894	24.025	ng	99
71) Phenanthrene	11.42	178	1824040	95.632	ng	99
72) Anthracene	11.47	178	705901	35.811	ng	100
73) Carbazole	11.62	167	156820	9.072	ng	98
75) Fluoranthene	12.62	202	2055928	102.002	ng	98
78) Pyrene	12.84	202	1902249	72.660	ng	99
81) Benzo(a)anthracene	14.03	228	1076632	52.887	ng	96
83) Chrysene	14.06	228	898929	43.987	ng	98
86) Indeno(1,2,3-cd)pyrene	16.99	276	358029	20.621	ng	97
88) Benzo(b)fluoranthene	15.08	252	1499594	70.231	ng	97
89) Benzo(k)fluoranthene	15.08	252	1499594	78.773	ng	98
90) Benzo(a)pyrene	15.45	252	807944	44.024	ng	97
91) Dibenzo(a,h)anthracene	17.16	278	81080	5.032	ng	97
92) Benzo(g,h,i)perylene	17.43	276	337693	21.016	ng	98

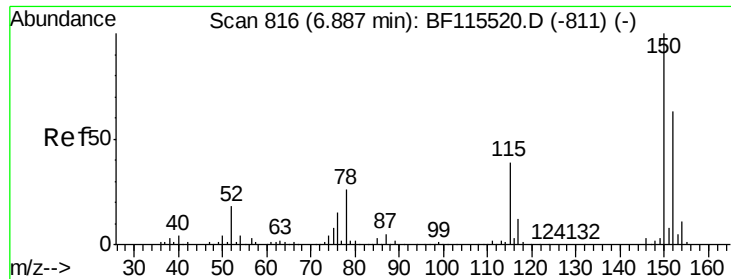
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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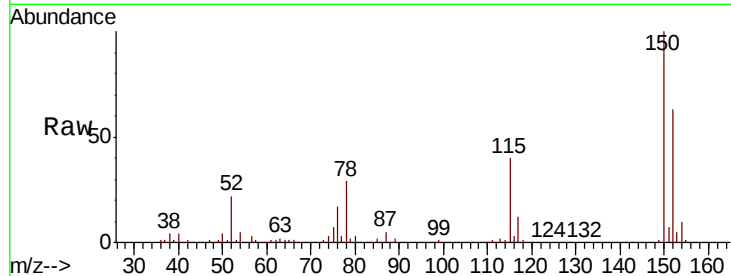


#1

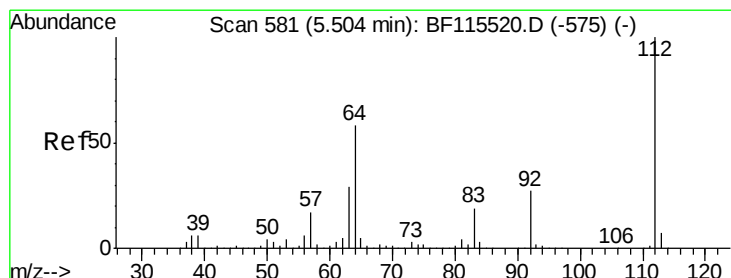
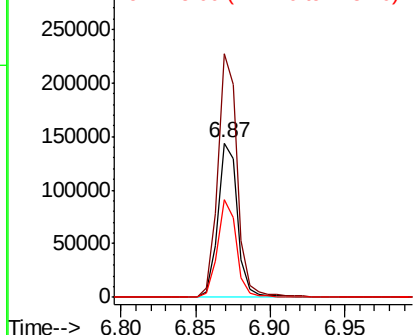
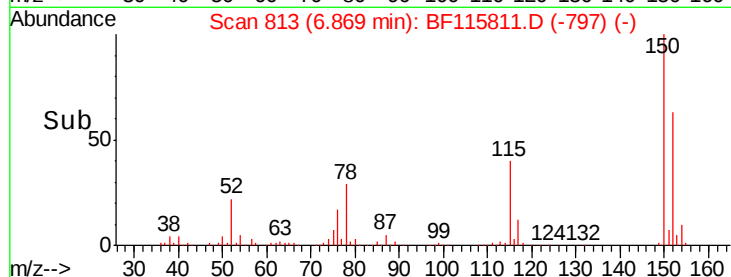
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF115811.D
Acq: 27 Jul 2019 2:19

Instrument :
BNA_F
ClientSampleId :
SU-01-072519-A

Tgt Ion:152 Resp: 134024
Ion Ratio Lower Upper
152 100
150 157.5 126.6 189.8
115 63.1 47.8 71.6



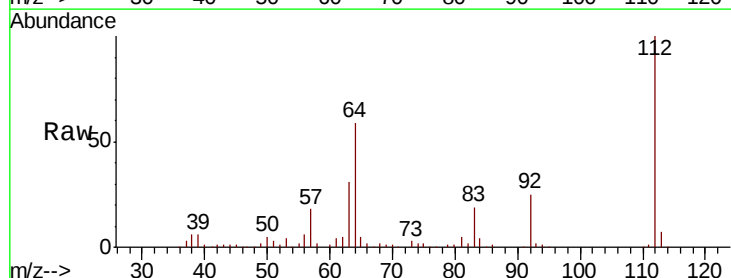
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



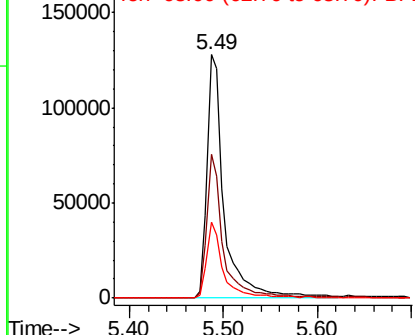
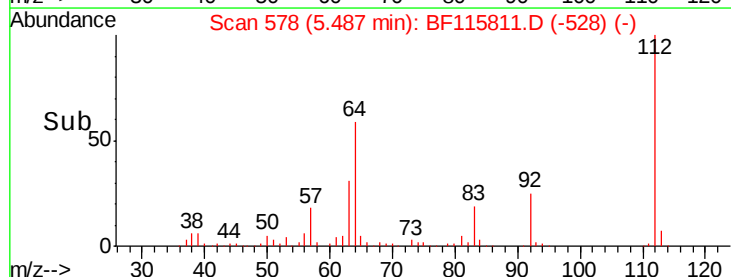
#5

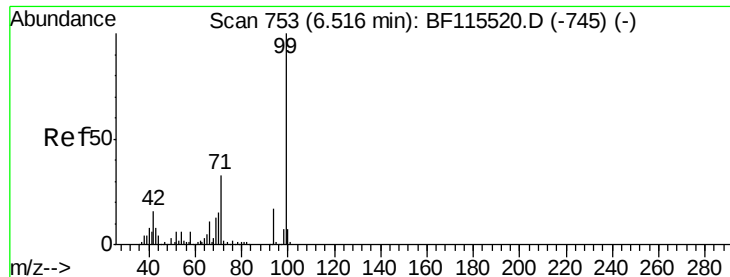
2-Fluorophenol
Concen: 20.190 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF115811.D
Acq: 27 Jul 2019 2:19

Tgt Ion:112 Resp: 165427
Ion Ratio Lower Upper
112 100
64 58.8 45.8 68.8
63 31.0 23.6 35.4



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





#7

Phenol-d6

Concen: 21.580 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF115811.D

Acq: 27 Jul 2019 2:19

Instrument :

BNA_F

ClientSampleId :

SU-01-072519-A

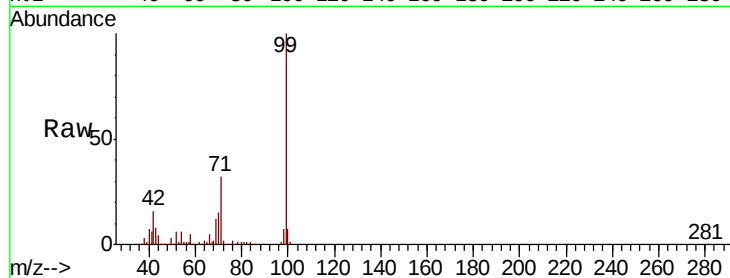
Tgt Ion: 99 Resp: 224358

Ion Ratio Lower Upper

99 100

42 16.3 13.4 20.2

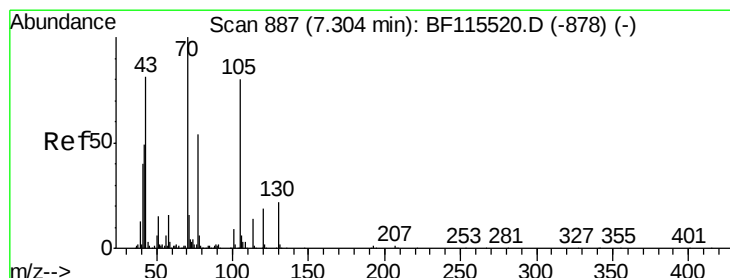
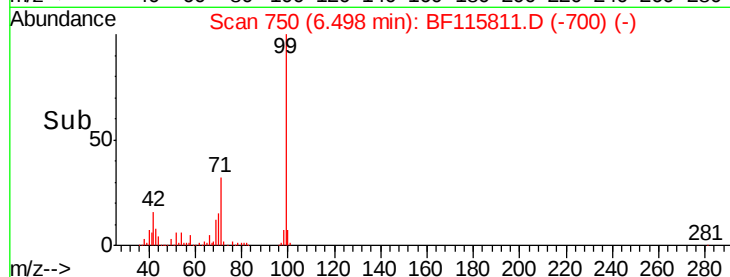
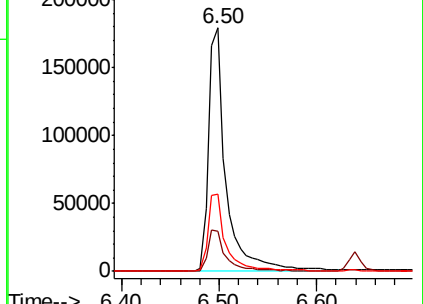
71 31.7 26.7 40.1



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: 2.487 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

Lab File: BF115811.D

Acq: 27 Jul 2019 2:19

Tgt Ion: 70 Resp: 16862

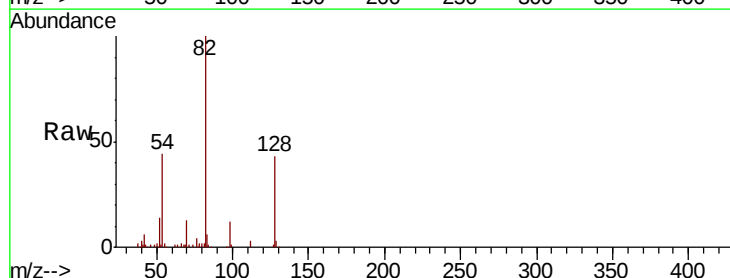
Ion Ratio Lower Upper

70 100

42 46.6 41.8 62.8

101 0.0 7.6 11.4#

130 2.2 16.9 25.3#

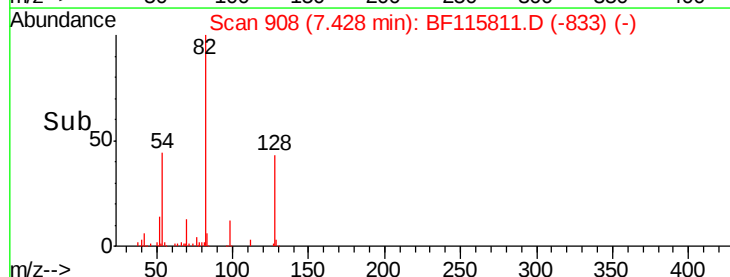
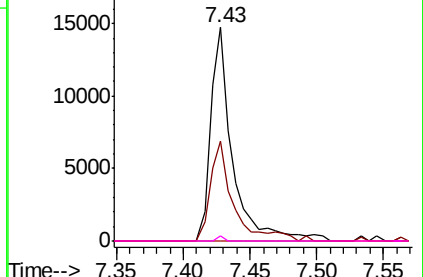


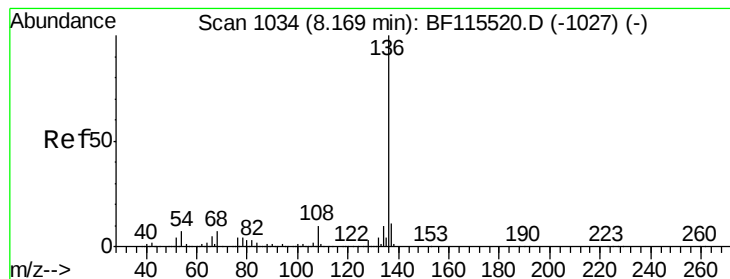
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF115811.D

Acq: 27 Jul 2019 2:19

Instrument :

BNA_F

ClientSampleId :

SU-01-072519-A

Tgt Ion:136 Resp: 512963

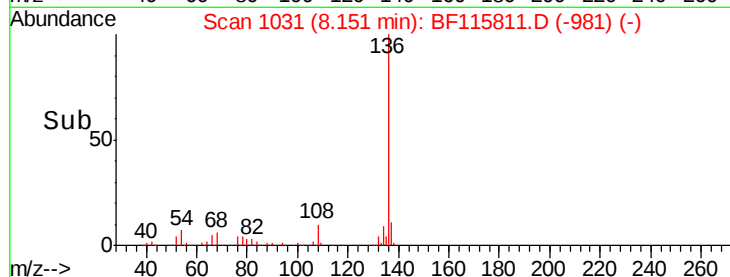
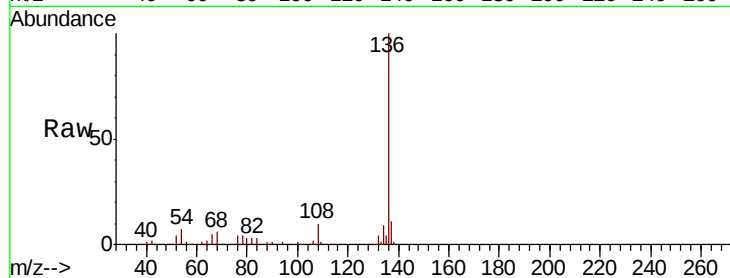
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.0 5.0 7.6

68 5.9 4.7 7.1

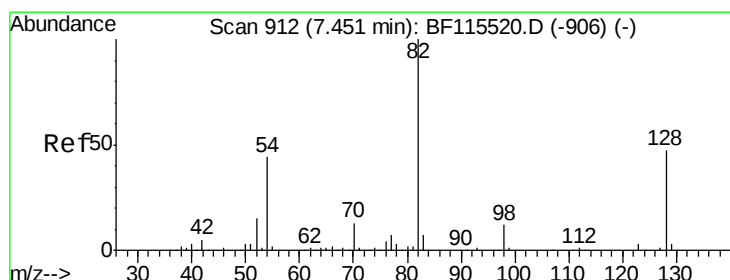
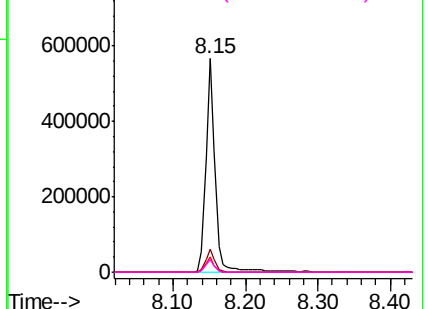


Abundance Ion 136.00 (135.70 to 136.70): E

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: 14.783 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF115811.D

Acq: 27 Jul 2019 2:19

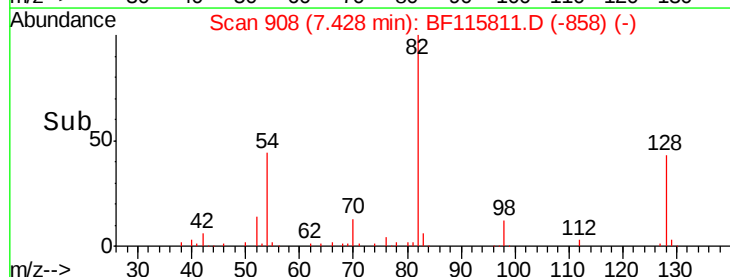
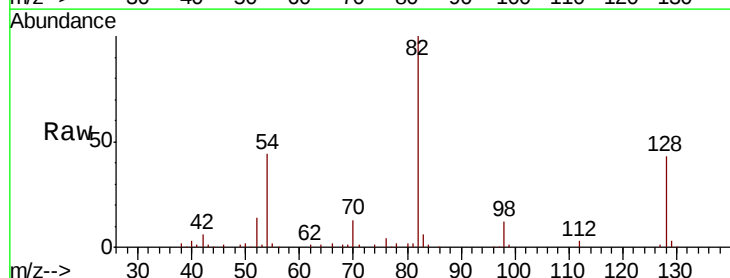
Tgt Ion: 82 Resp: 130411

Ion Ratio Lower Upper

82 100

128 42.9 36.6 55.0

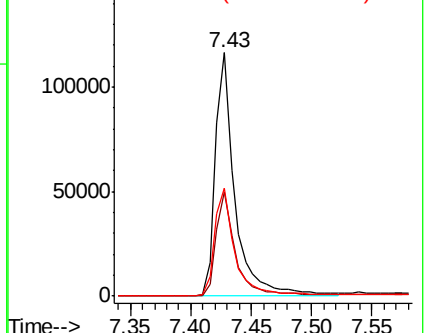
54 44.2 36.6 54.8

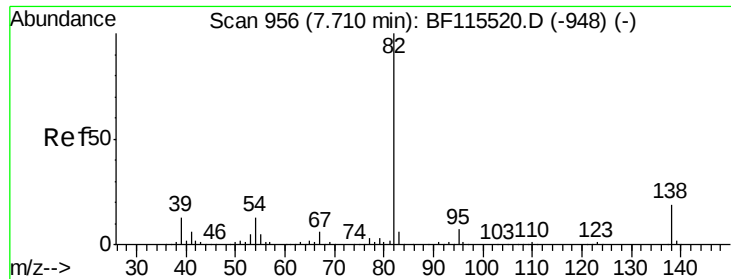


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 7.389 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.26 min

Lab File: BF115811.D

Acq: 27 Jul 2019 2:19

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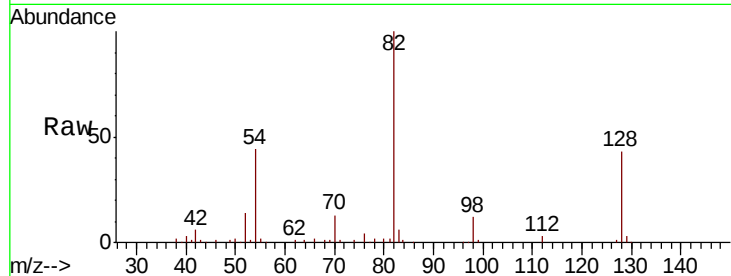
Tgt Ion: 82 Resp: 130428

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

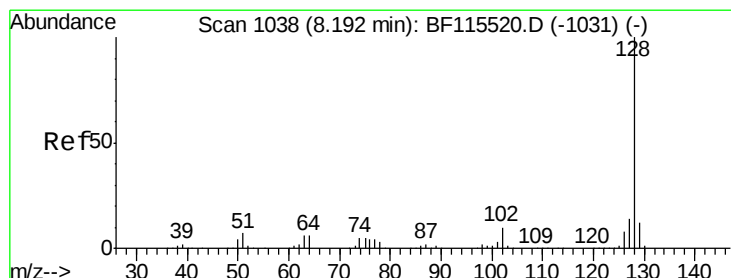
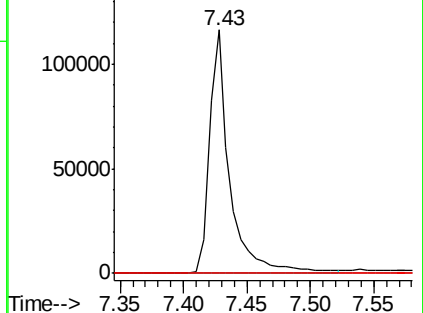
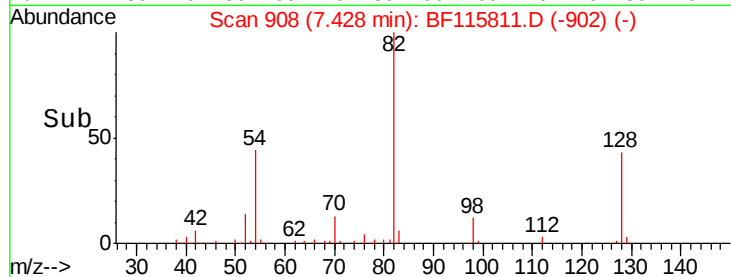
138 0.0 14.2 21.4#



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: 20.452 ng

RT: 8.17 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF115811.D

Acq: 27 Jul 2019 2:19

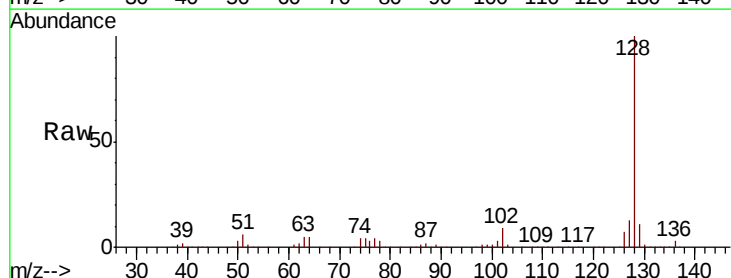
Tgt Ion: 128 Resp: 508080

Ion Ratio Lower Upper

128 100

129 10.9 9.4 14.2

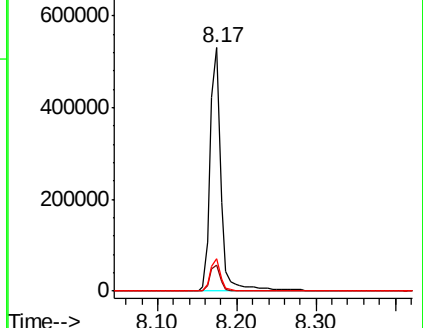
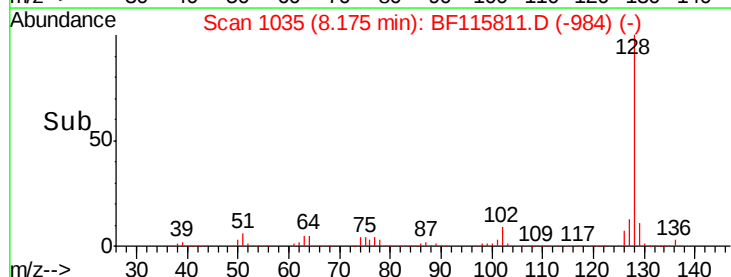
127 13.2 10.9 16.3

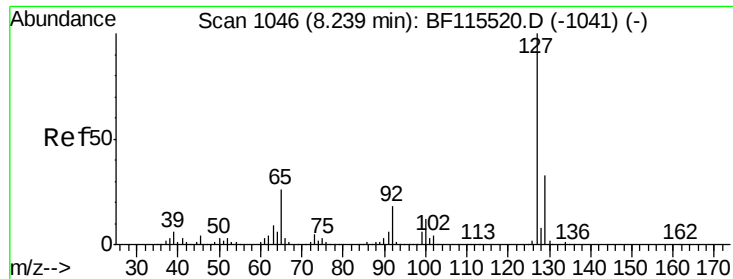


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

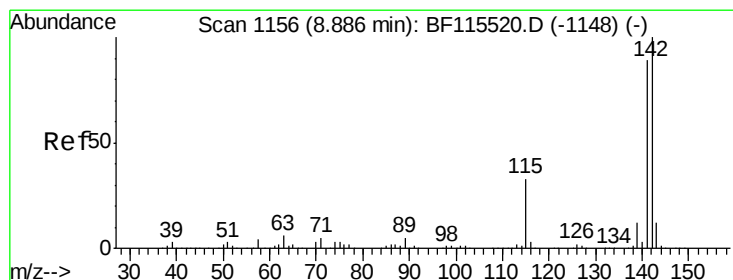
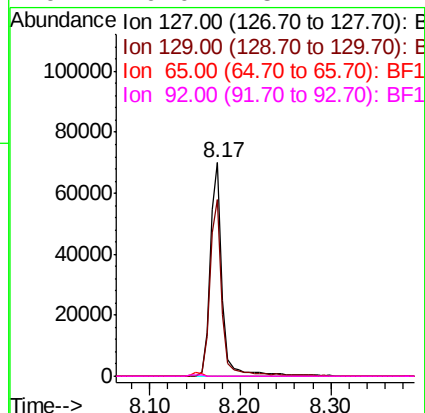
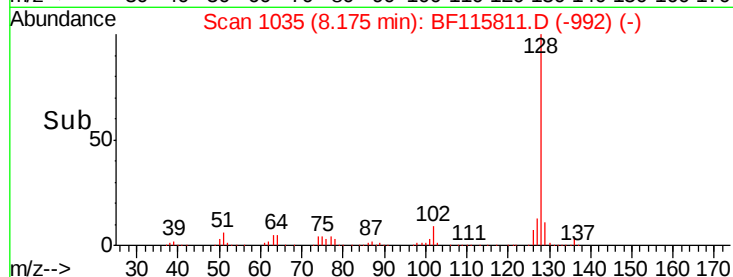
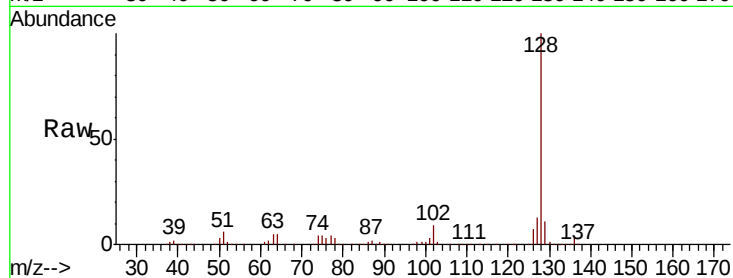




#33
4-Chloroaniline
Concen: 6.010 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.05 min
Lab File: BF115811.D
Acq: 27 Jul 2019 2:19

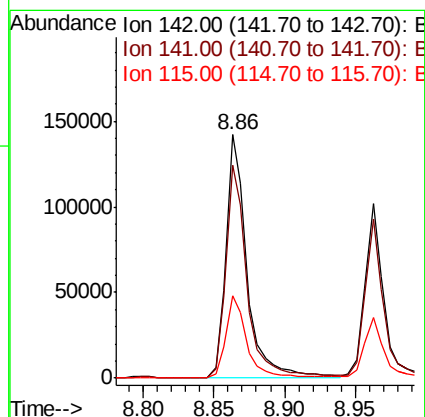
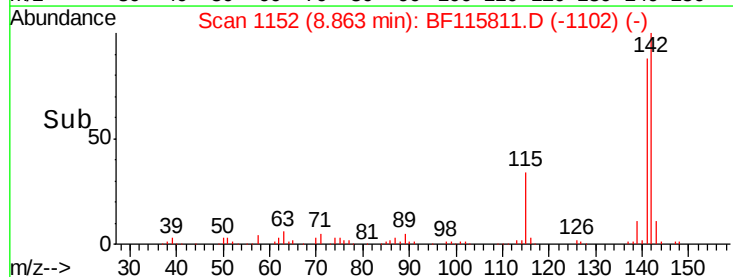
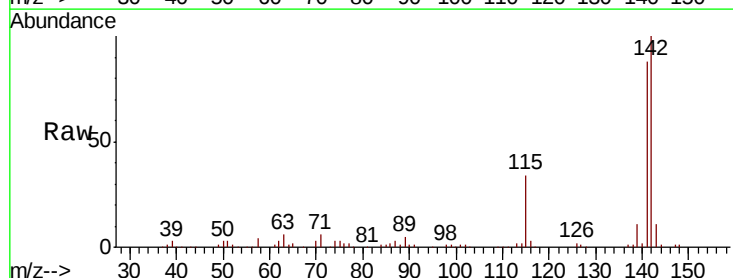
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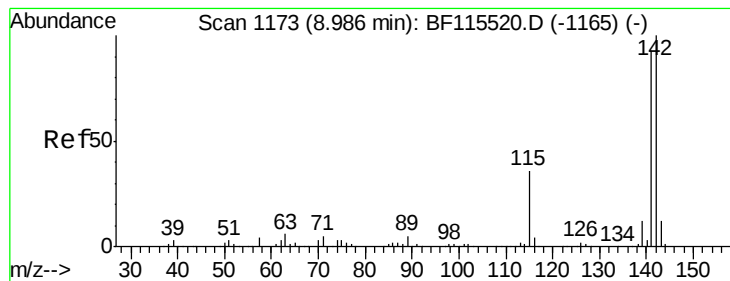
Tgt Ion:127 Resp: 66135
Ion Ratio Lower Upper
127 100
129 82.5 26.3 39.5#
65 0.0 23.8 35.8#
92 0.0 15.1 22.7#



#37
2-Methylnaphthalene
Concen: 8.981 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF115811.D
Acq: 27 Jul 2019 2:19

Tgt Ion:142 Resp: 147894
Ion Ratio Lower Upper
142 100
141 87.7 71.0 106.4
115 33.9 27.7 41.5





#38

1-Methylnaphthalene

Concen: 6.431 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF115811.D

Acq: 27 Jul 2019 2:19

Instrument :

BNA_F

ClientSampleId :

SU-01-072519-A

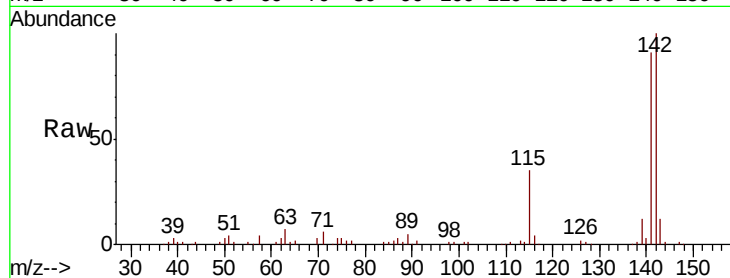
Tgt Ion:142 Resp: 100596

Ion Ratio Lower Upper

142 100

141 90.6 73.9 110.9

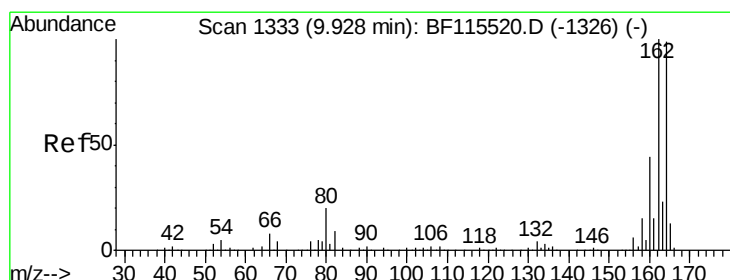
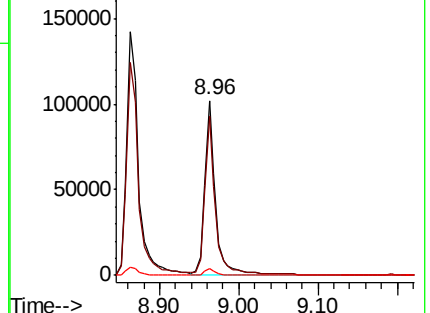
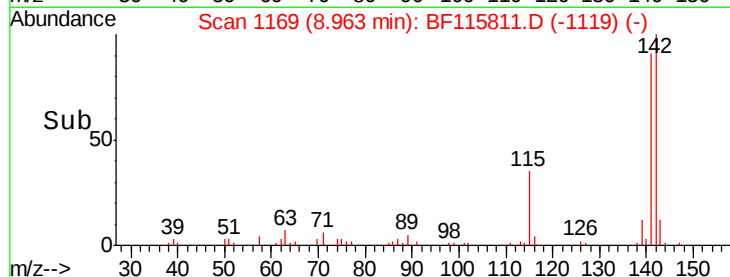
116 4.1 3.0 4.6



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: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF115811.D

Acq: 27 Jul 2019 2:19

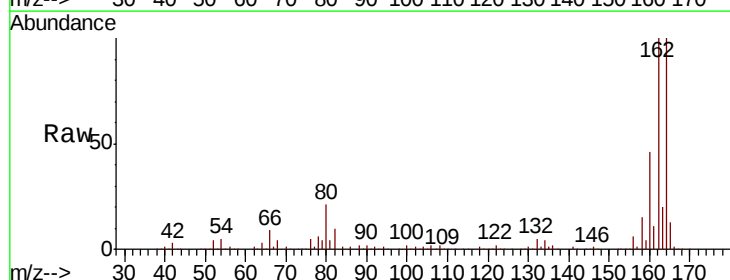
Tgt Ion:164 Resp: 246823

Ion Ratio Lower Upper

164 100

162 100.0 81.8 122.6

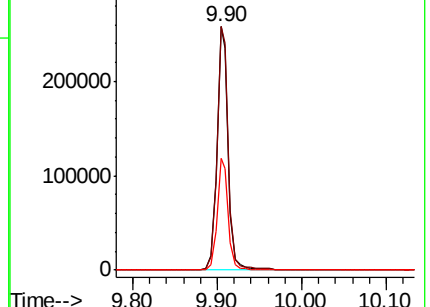
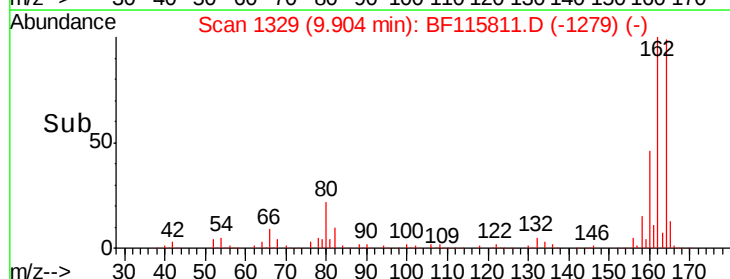
160 45.7 37.5 56.3

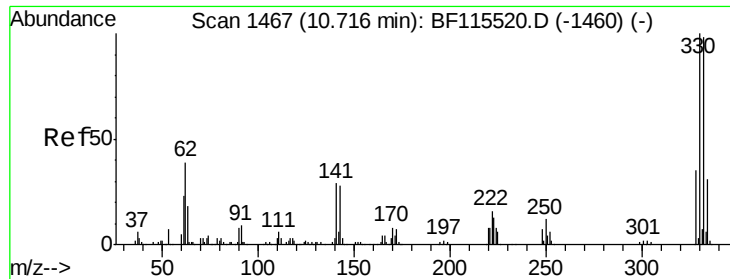


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

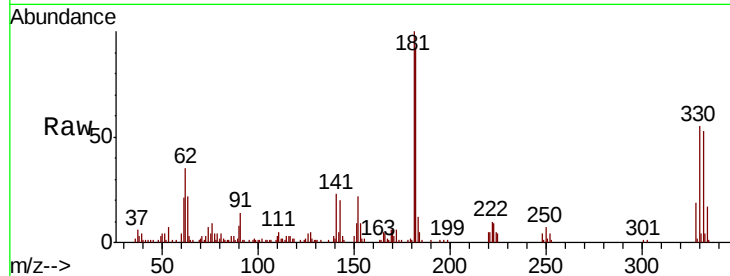




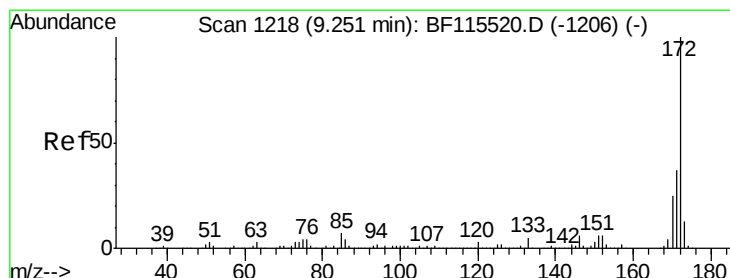
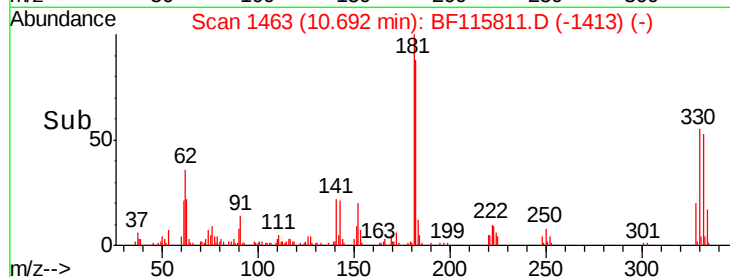
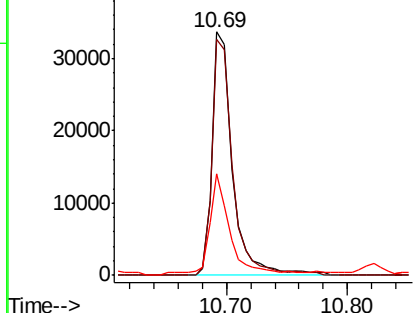
#42
 2,4,6-Tribromophenol
 Concen: 13.620 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF115811.D
 Acq: 27 Jul 2019 2:19

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-072519-A

Tgt Ion: 330 Resp: 39240
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.1 114.1
 141 43.2 25.9 38.9#

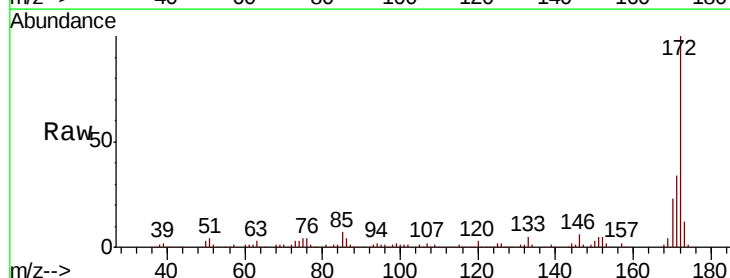


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

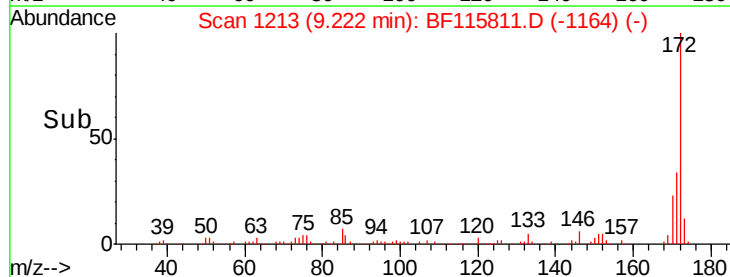
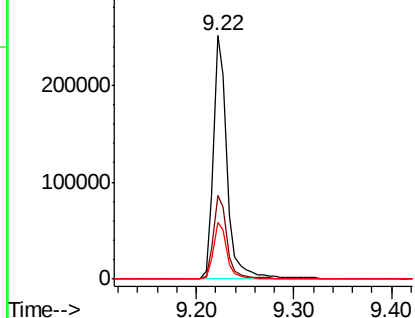


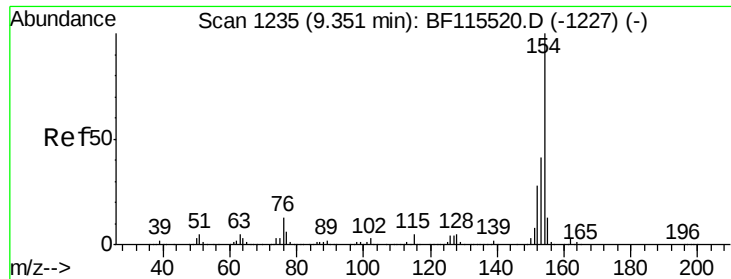
#45
 2-Fluorobiphenyl
 Concen: 17.660 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF115811.D
 Acq: 27 Jul 2019 2:19

Tgt Ion: 172 Resp: 249036
 Ion Ratio Lower Upper
 172 100
 171 34.2 29.0 43.4
 170 23.3 20.1 30.1



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

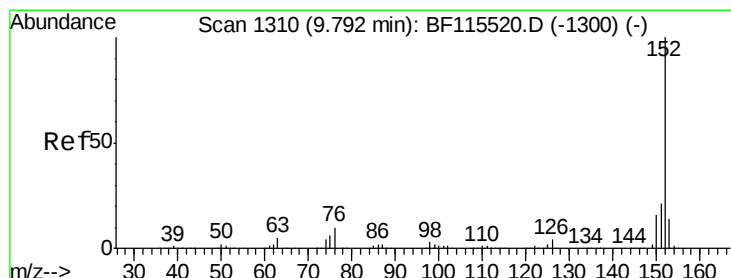
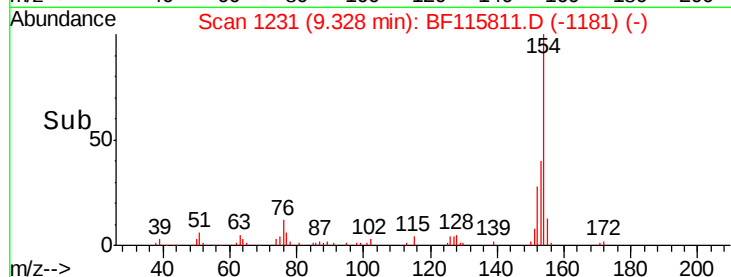
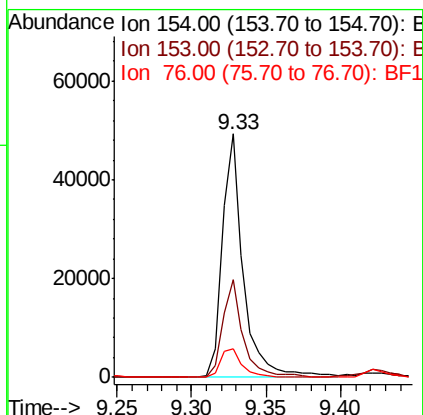
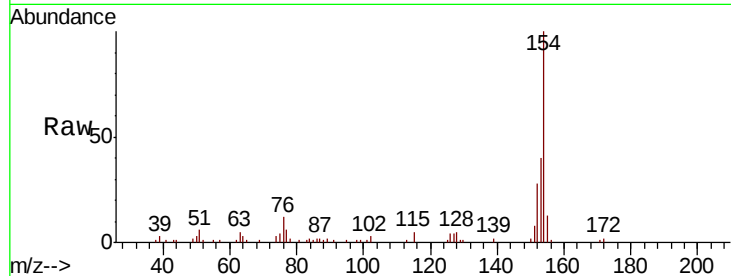




#46
1,1'-Biphenyl
Concen: 2.542 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF115811.D
Acq: 27 Jul 2019 2:19

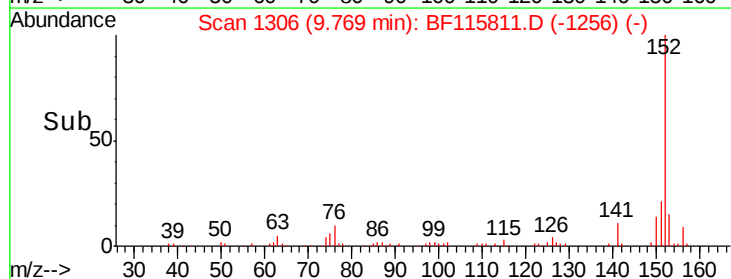
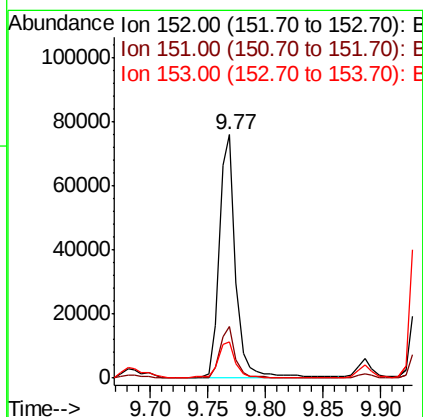
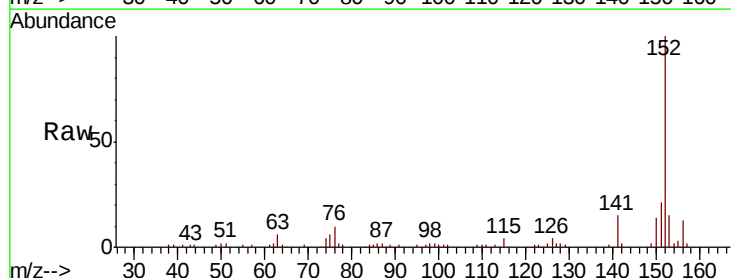
Instrument :
BNA_F
ClientSampleId :
SU-01-072519-A

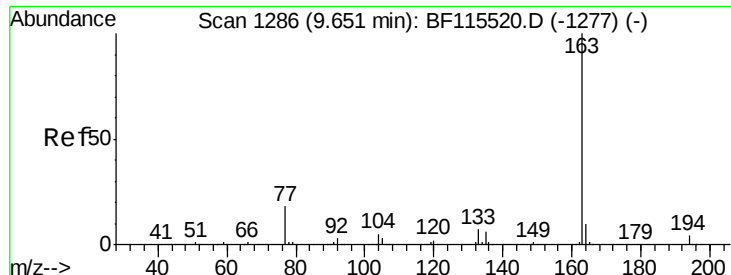
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	21.4	61.4
76	11.8	0.0	33.2



#49
Acenaphthylene
Concen: 3.156 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF115811.D
Acq: 27 Jul 2019 2:19

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.9	25.3
153	15.1	11.5	17.3

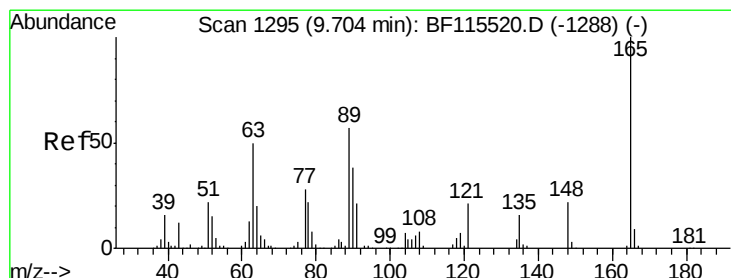
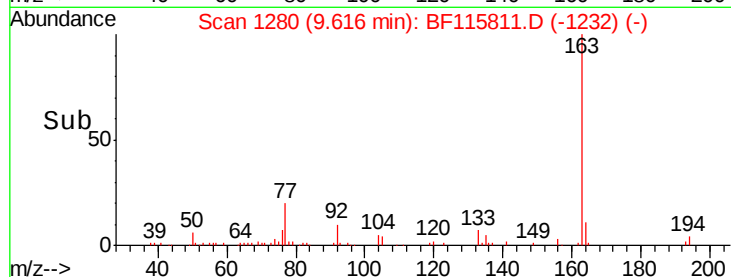
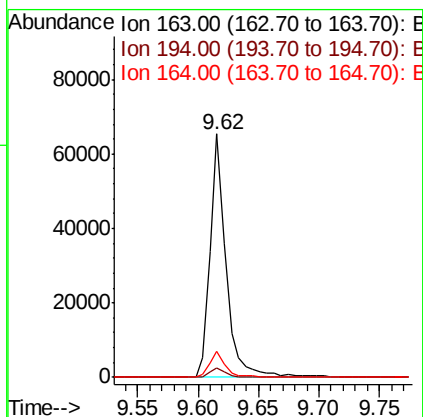
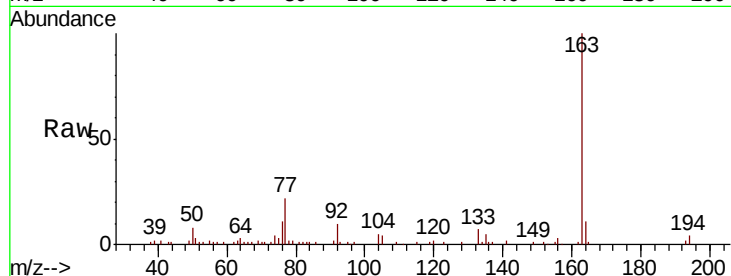




#50
Dimethylphthalate
Concen: 3.229 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF115811.D
Acq: 27 Jul 2019 2:19

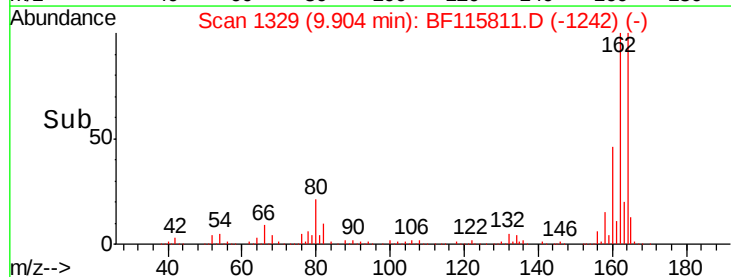
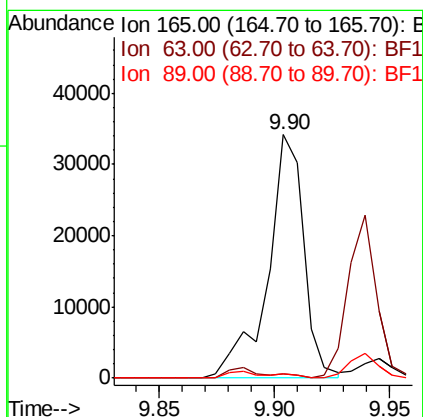
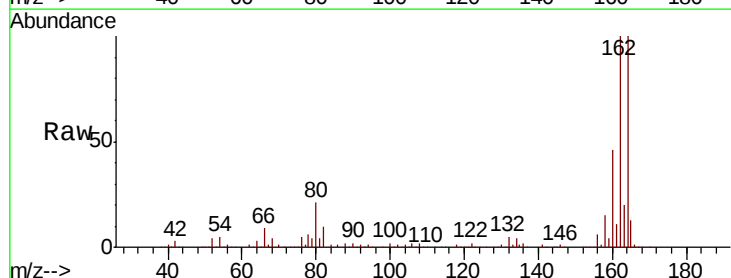
Instrument :
BNA_F
ClientSampleId :
SU-01-072519-A

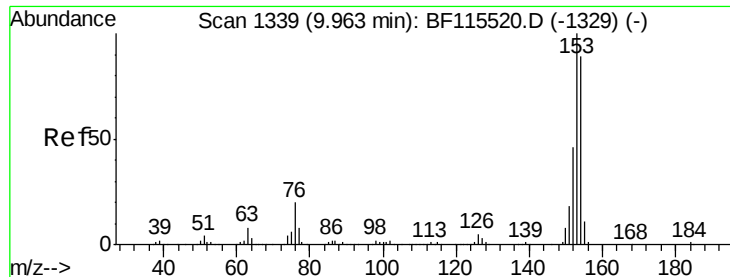
Tgt Ion:163 Resp: 59968
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.5 8.3 12.5



#51
2,6-Dinitrotoluene
Concen: 8.748 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.21 min
Lab File: BF115811.D
Acq: 27 Jul 2019 2:19

Tgt Ion:165 Resp: 36917
Ion Ratio Lower Upper
165 100
63 1.6 43.5 65.3#
89 1.7 46.3 69.5#





#52

Acenaphthene

Concen: 16.749 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF115811.D

Acq: 27 Jul 2019 2:19

Instrument :

BNA_F

ClientSampleId :

SU-01-072519-A

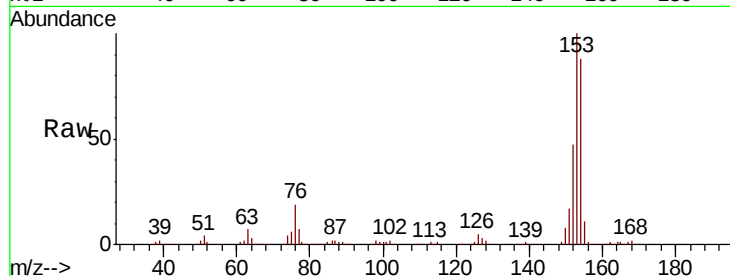
Tgt Ion:154 Resp: 257447

Ion Ratio Lower Upper

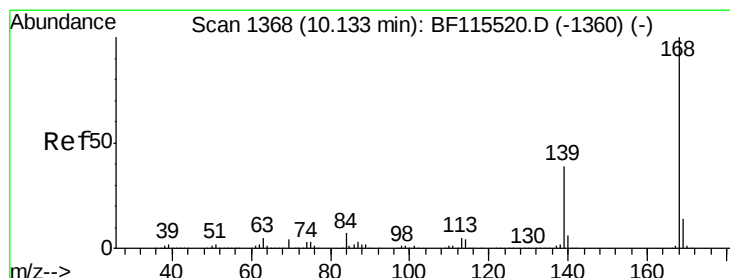
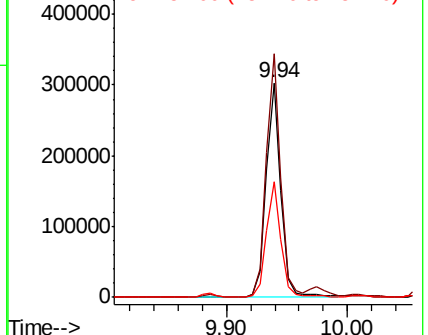
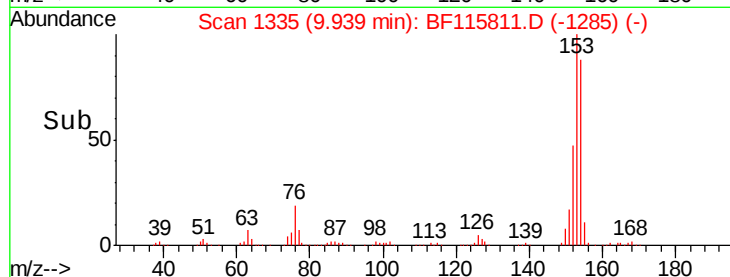
154 100

153 113.6 88.1 132.1

152 53.7 42.0 63.0



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: 14.028 ng

RT: 10.11 min Scan# 1364

Delta R.T. -0.01 min

Lab File: BF115811.D

Acq: 27 Jul 2019 2:19

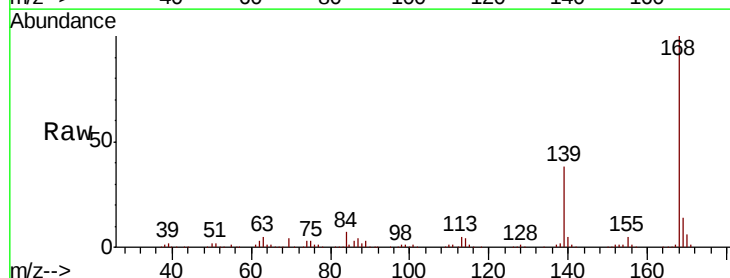
Tgt Ion:168 Resp: 306196

Ion Ratio Lower Upper

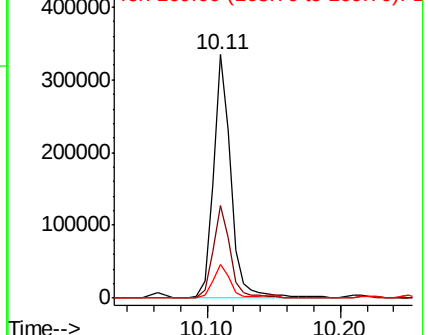
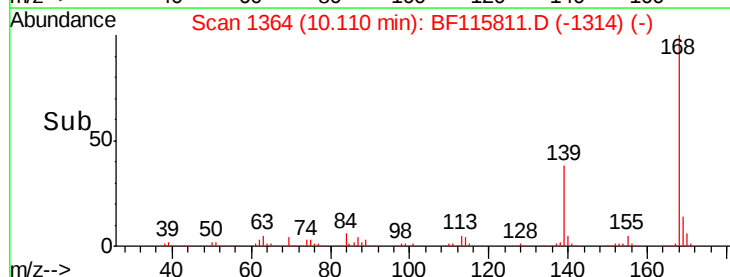
168 100

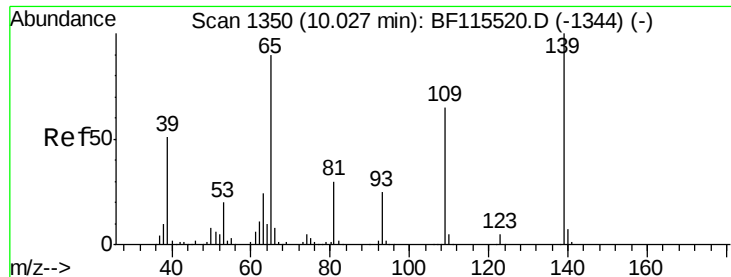
139 38.0 31.4 47.2

169 13.9 11.3 16.9



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

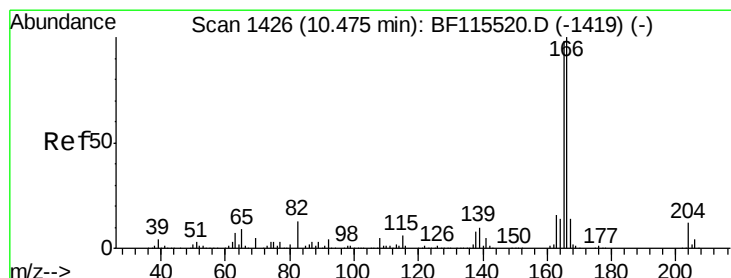
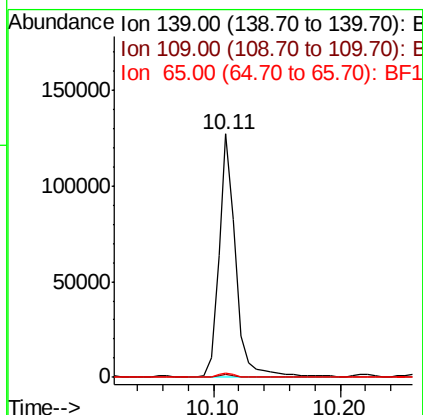
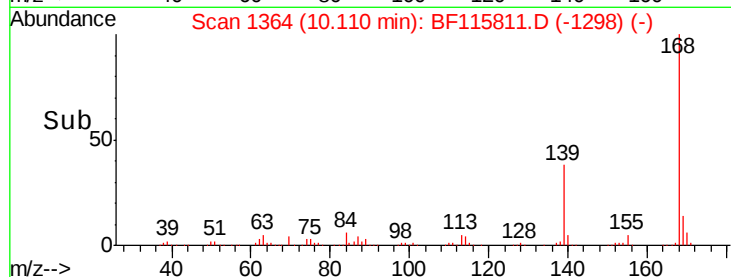
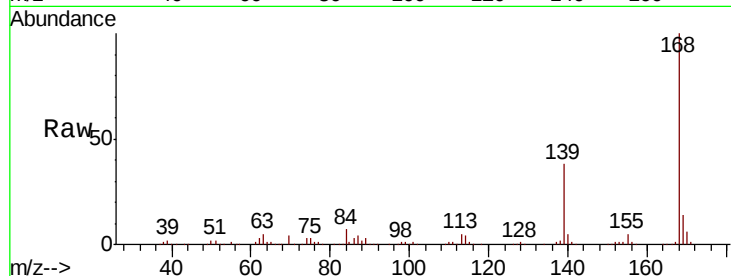




#56
4-Nitrophenol
Concen: 32.119 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.09 min
Lab File: BF115811.D
Acq: 27 Jul 2019 2:19

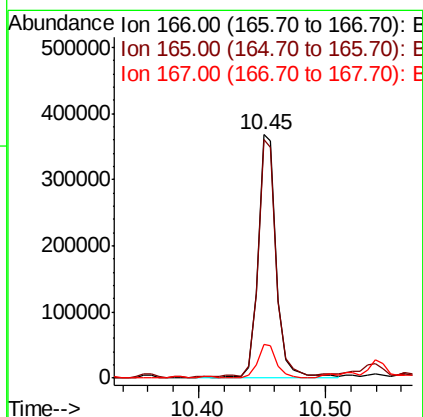
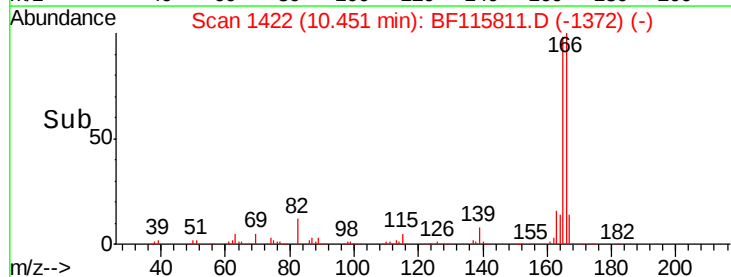
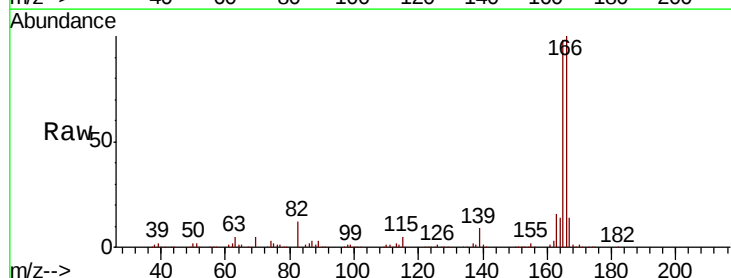
Instrument :
BNA_F
ClientSampleId :
SU-01-072519-A

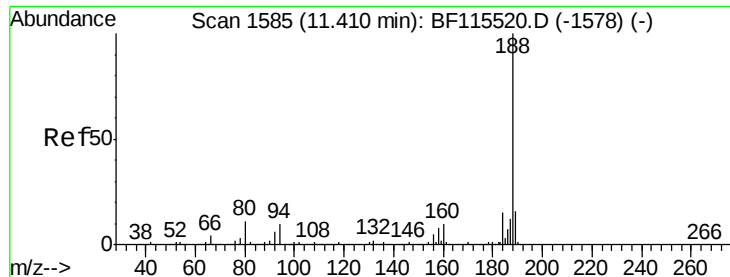
Tgt Ion:139 Resp: 118119
Ion Ratio Lower Upper
139 100
109 1.0 51.2 91.2#
65 1.6 76.0 116.0#



#58
Fluorene
Concen: 24.025 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF115811.D
Acq: 27 Jul 2019 2:19

Tgt Ion:166 Resp: 374894
Ion Ratio Lower Upper
166 100
165 97.9 79.0 118.4
167 13.9 11.0 16.6

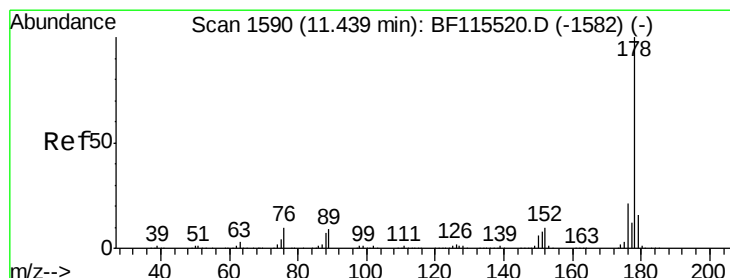
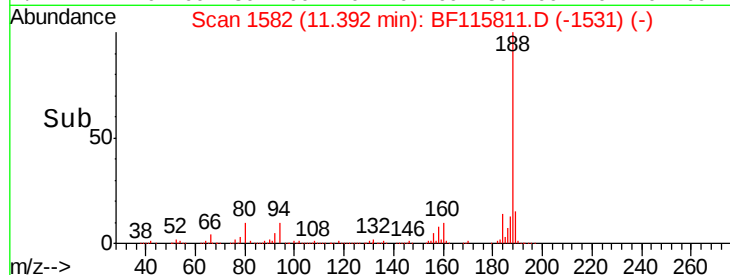
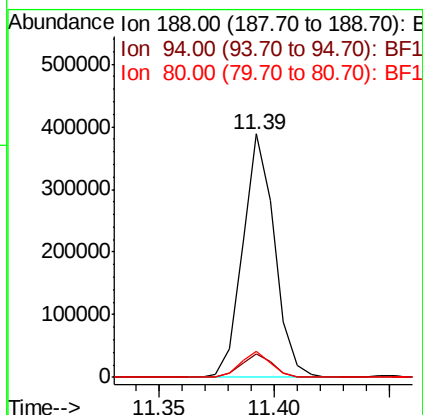
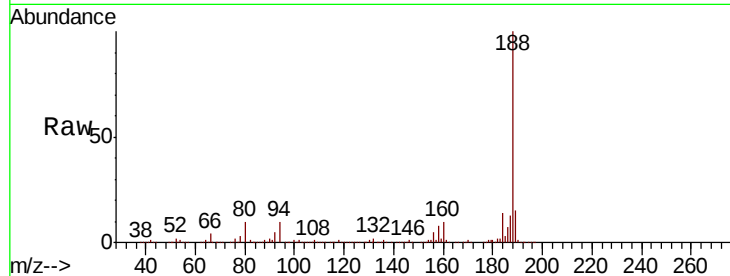




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF115811.D
Acq: 27 Jul 2019 2:19

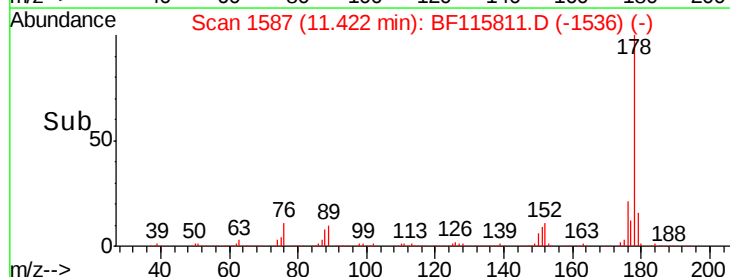
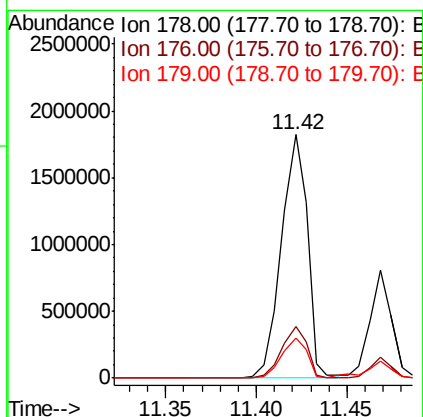
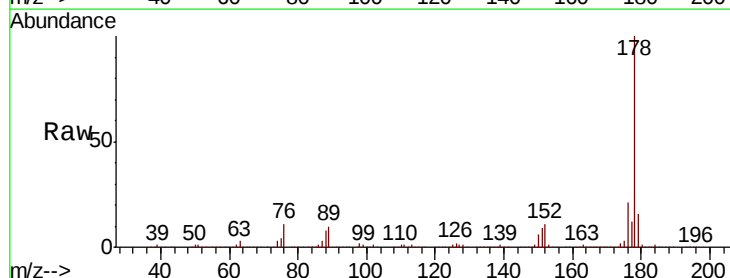
Instrument :
BNA_F
ClientSampleId :
SU-01-072519-A

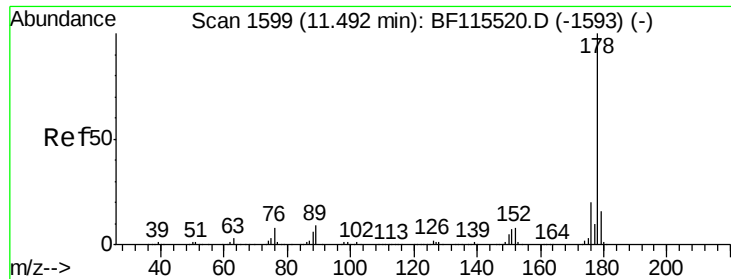
Tgt Ion:188 Resp: 372101
Ion Ratio Lower Upper
188 100
94 9.6 8.2 12.2
80 10.5 9.0 13.6



#71
Phenanthrene
Concen: 95.632 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BF115811.D
Acq: 27 Jul 2019 2:19

Tgt Ion:178 Resp: 1824040
Ion Ratio Lower Upper
178 100
176 21.2 16.4 24.6
179 16.4 12.7 19.1





#72

Anthracene

Concen: 35.811 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BF115811.D

Acq: 27 Jul 2019 2:19

Instrument :

BNA_F

ClientSampleId :

SU-01-072519-A

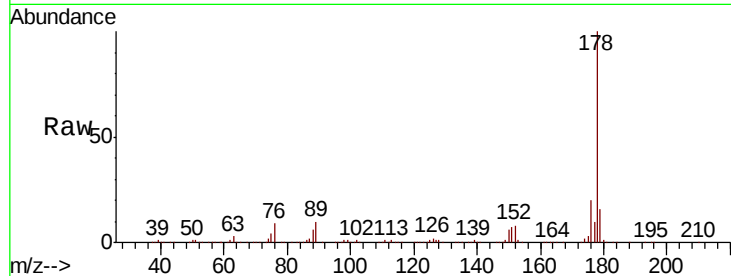
Tgt Ion:178 Resp: 705901

Ion Ratio Lower Upper

178 100

176 20.0 16.1 24.1

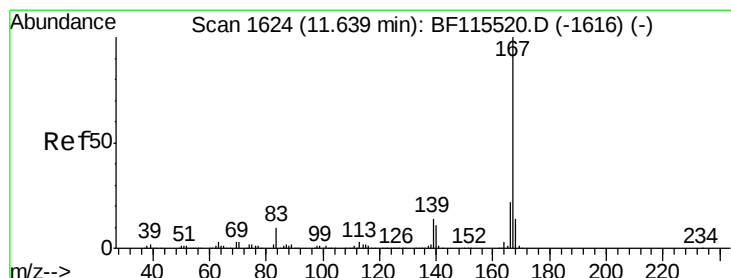
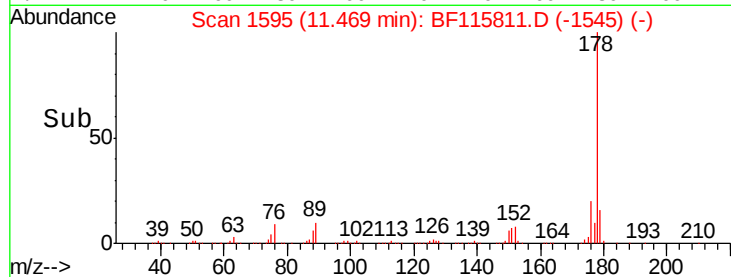
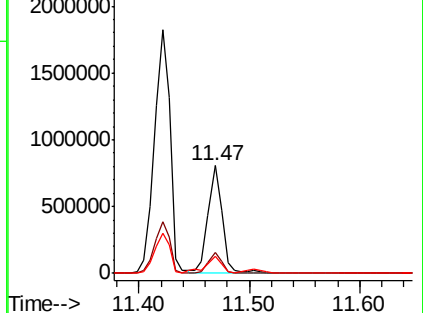
179 16.0 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 9.072 ng

RT: 11.62 min Scan# 1621

Delta R.T. 0.00 min

Lab File: BF115811.D

Acq: 27 Jul 2019 2:19

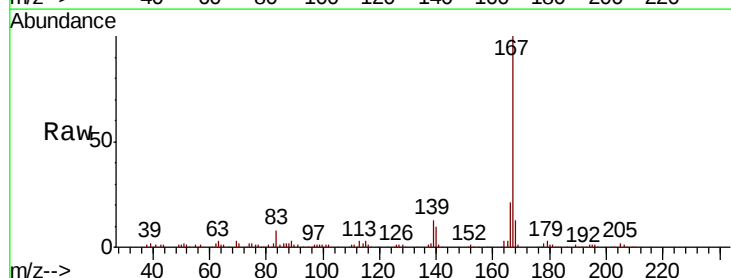
Tgt Ion:167 Resp: 156820

Ion Ratio Lower Upper

167 100

166 21.4 18.0 27.0

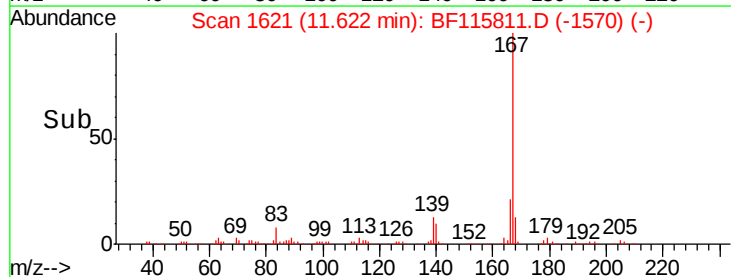
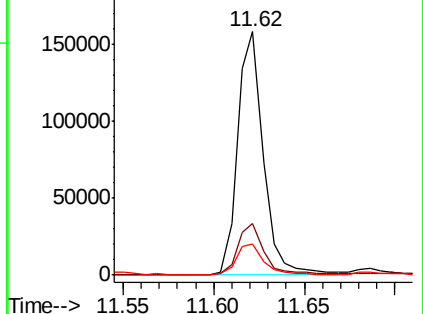
139 13.0 11.1 16.7

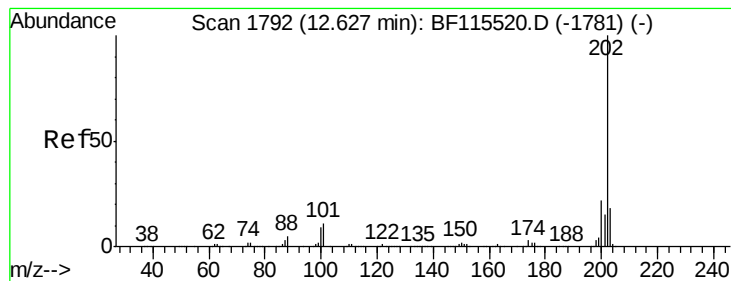


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 102.002 ng

RT: 12.62 min Scan# 1790

Delta R.T. 0.01 min

Lab File: BF115811.D

Acq: 27 Jul 2019 2:19

Instrument :

BNA_F

ClientSampleId :

SU-01-072519-A

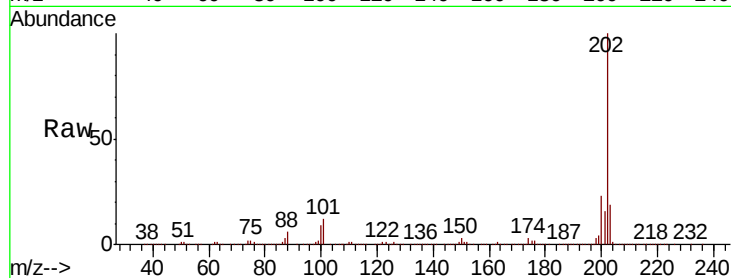
Tgt Ion:202 Resp: 2055928

Ion Ratio Lower Upper

202 100

101 12.4 0.0 31.6

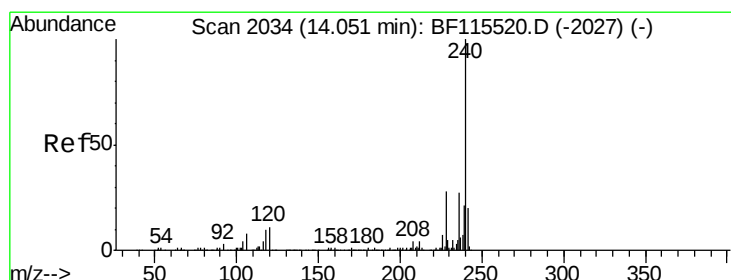
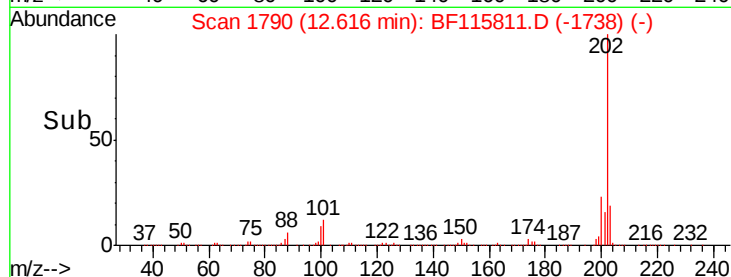
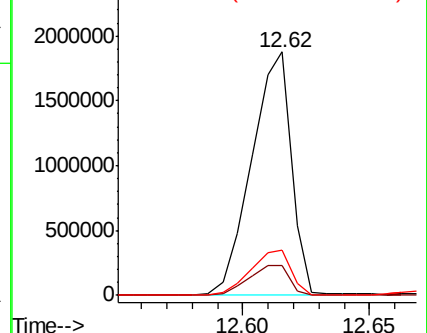
203 18.6 0.0 38.0



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: 14.03 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BF115811.D

Acq: 27 Jul 2019 2:19

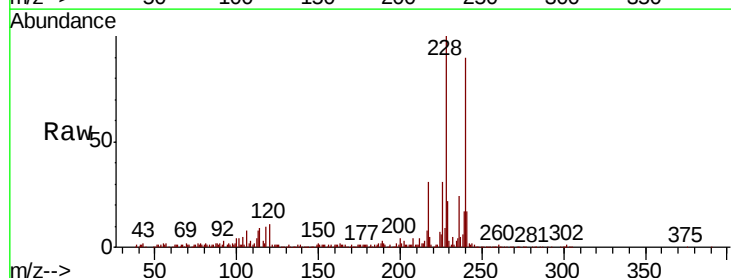
Tgt Ion:240 Resp: 309006

Ion Ratio Lower Upper

240 100

120 12.6 10.0 15.0

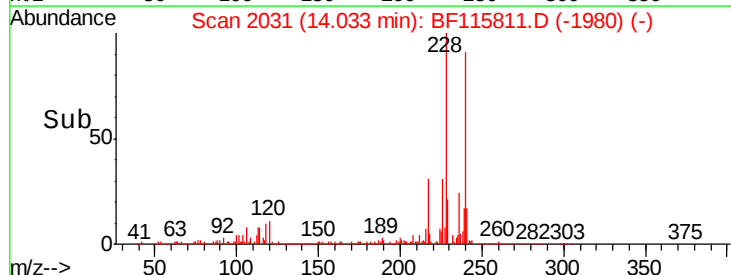
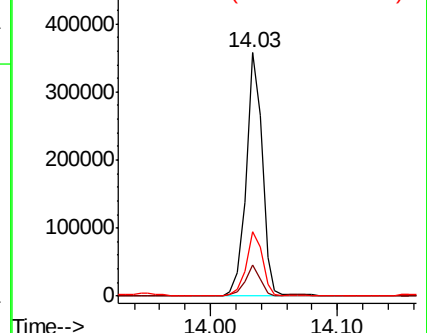
236 26.5 21.8 32.6

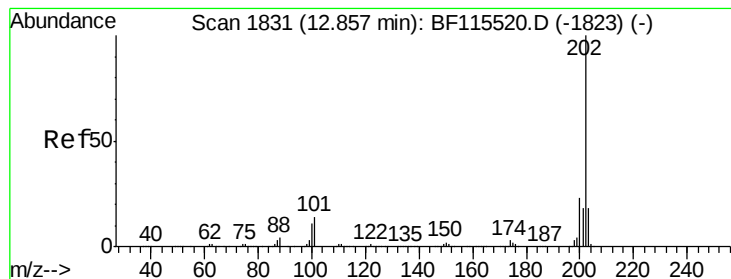


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pyrene

Concen: 72.660 ng

RT: 12.84 min Scan# 1829

Delta R.T. 0.01 min

Lab File: BF115811.D

Acq: 27 Jul 2019 2:19

Instrument :

BNA_F

ClientSampleId :

SU-01-072519-A

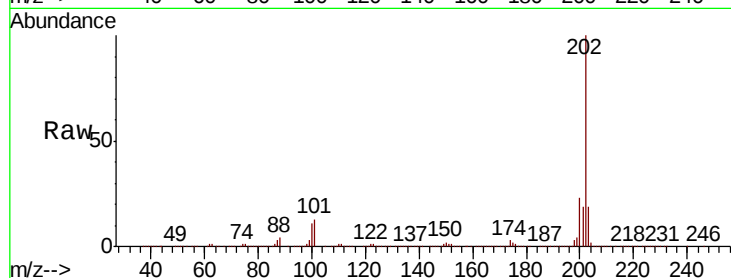
Tgt Ion: 202 Resp: 1902249

Ion Ratio Lower Upper

202 100

200 22.5 18.2 27.4

203 18.7 14.6 21.8

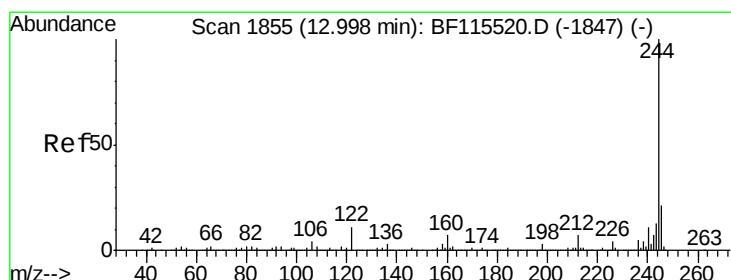
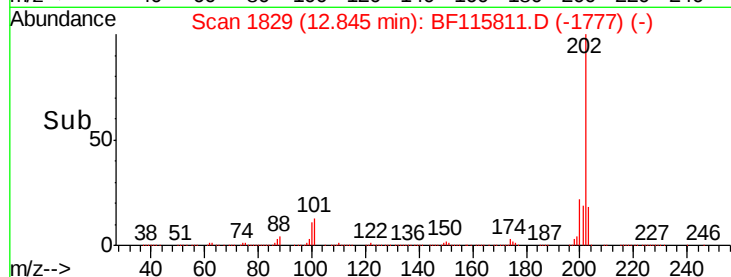
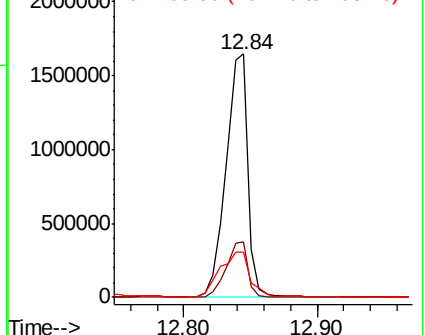


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 13.172 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF115811.D

Acq: 27 Jul 2019 2:19

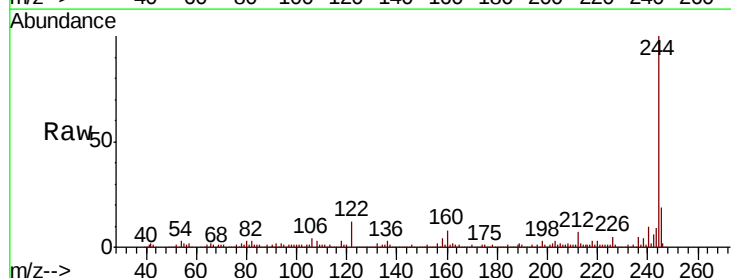
Tgt Ion: 244 Resp: 220594

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 11.8 8.2 12.4

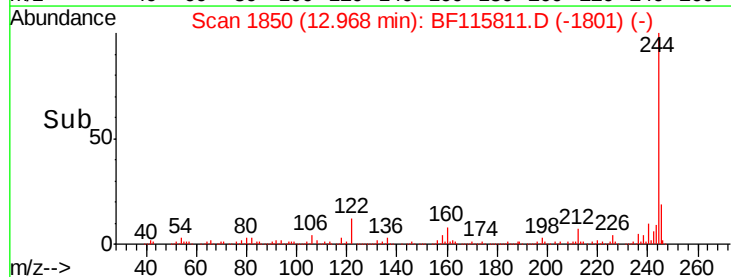
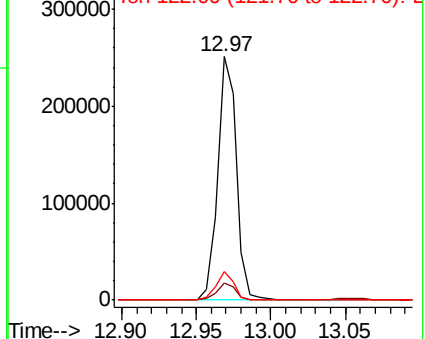


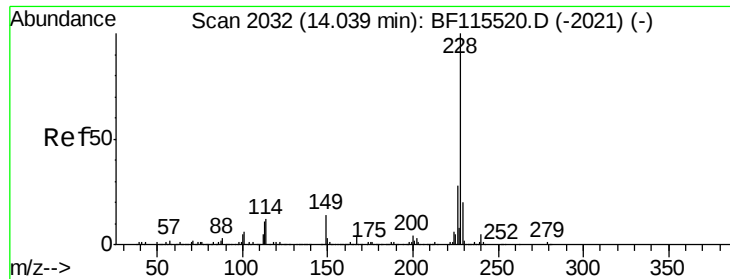
Abundance

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

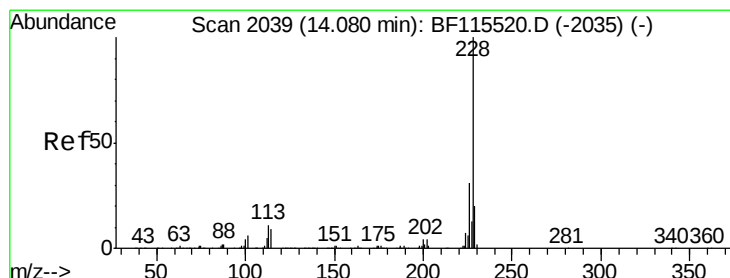
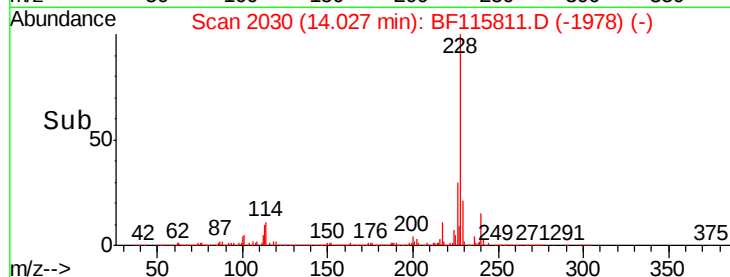
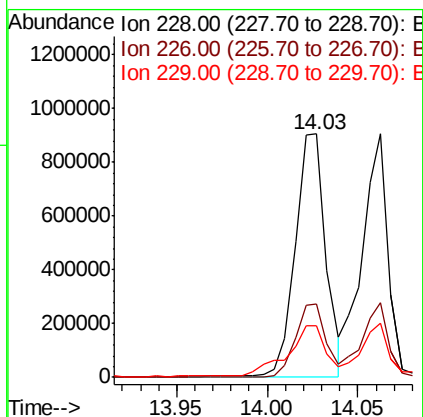
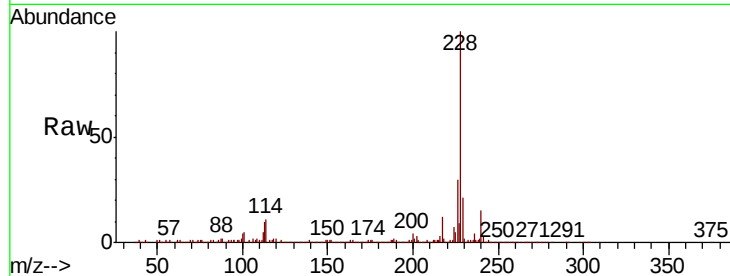




#81
Benzo(a)anthracene
Concen: 52.887 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BF115811.D
Acq: 27 Jul 2019 2:19

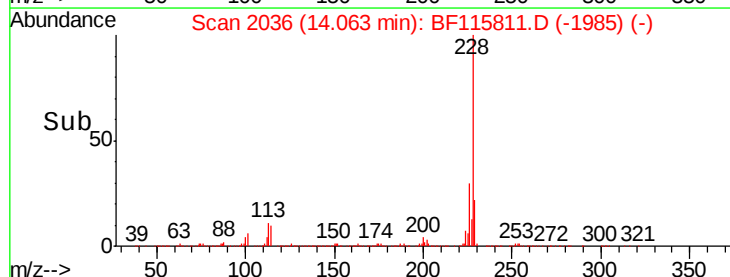
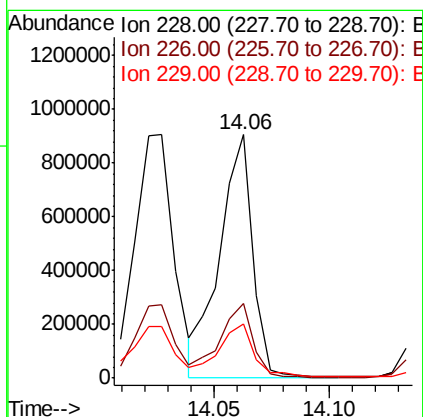
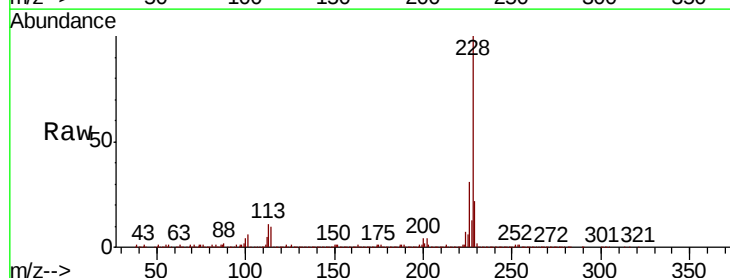
Instrument :
BNA_F
ClientSampleId :
SU-01-072519-A

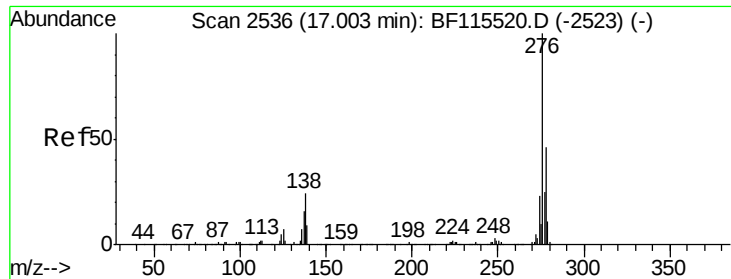
Tgt Ion:228 Resp: 1076632
Ion Ratio Lower Upper
228 100
226 30.3 22.2 33.2
229 21.3 16.1 24.1



#83
Chrysene
Concen: 43.987 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BF115811.D
Acq: 27 Jul 2019 2:19

Tgt Ion:228 Resp: 898929
Ion Ratio Lower Upper
228 100
226 30.6 25.0 37.4
229 22.3 16.2 24.2

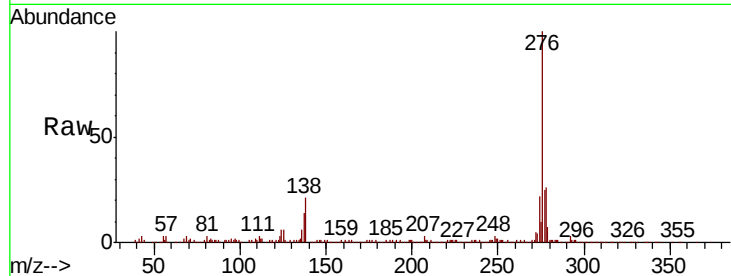




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 20.621 ng
 RT: 16.99 min Scan# 2533
 Delta R.T. 0.01 min
 Lab File: BF115811.D
 Acq: 27 Jul 2019 2:19

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-072519-A

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.1	20.1	30.1
277	24.9	19.8	29.8

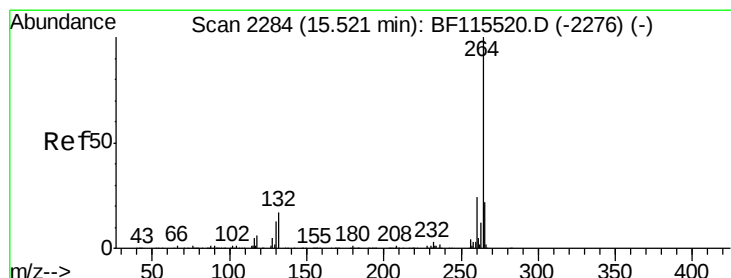
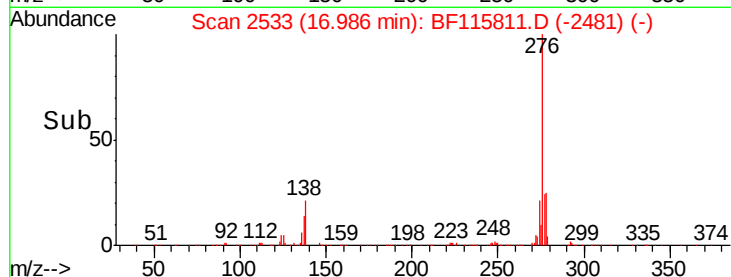
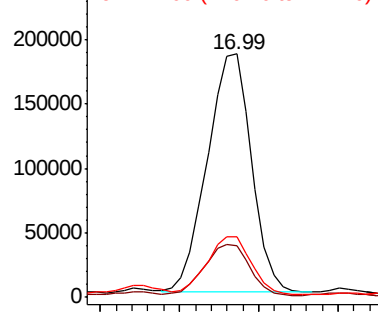


Abundance

Ion 276.00 (275.70 to 276.70): E

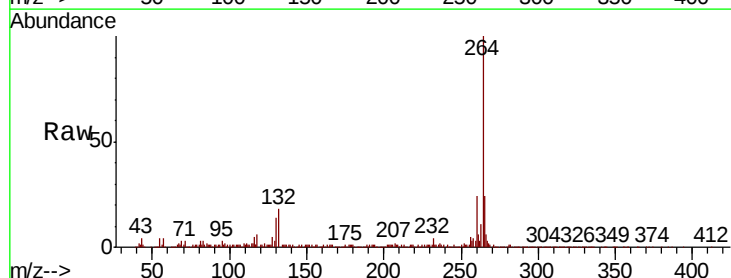
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. 0.01 min
 Lab File: BF115811.D
 Acq: 27 Jul 2019 2:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.6
265	24.0	17.5	26.3

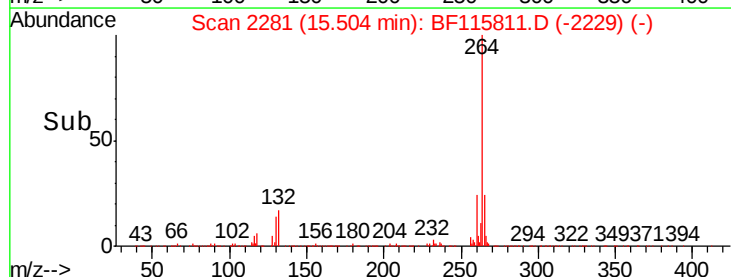
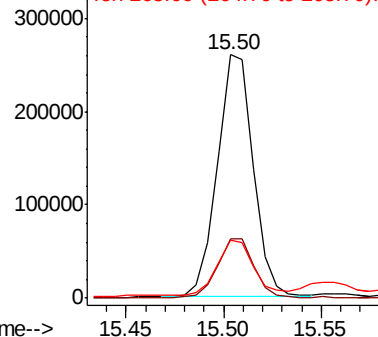


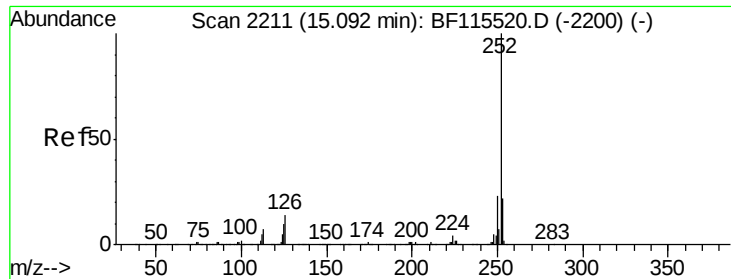
Abundance

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

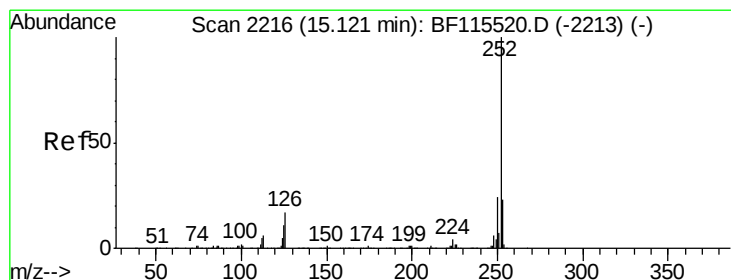
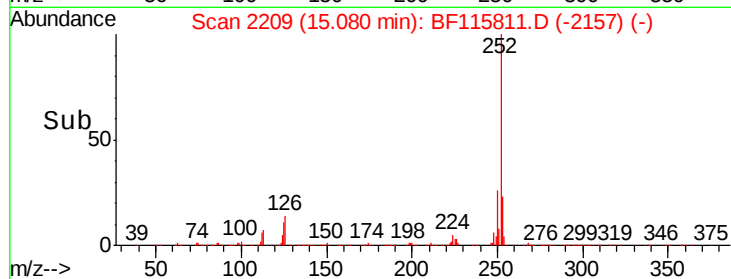
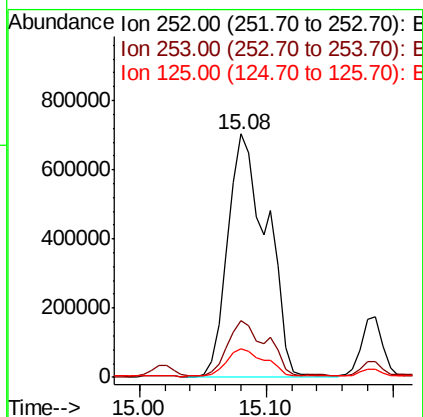
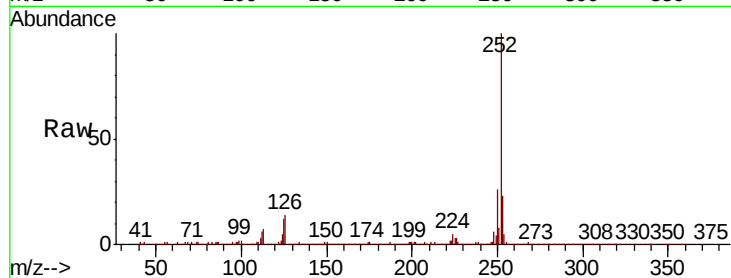




#88
Benzo(b)fluoranthene
Concen: 70.231 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.01 min
Lab File: BF115811.D
Acq: 27 Jul 2019 2:19

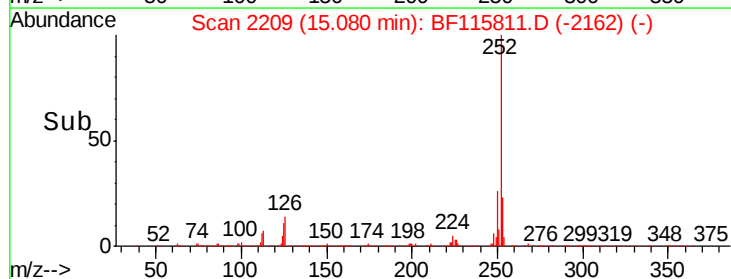
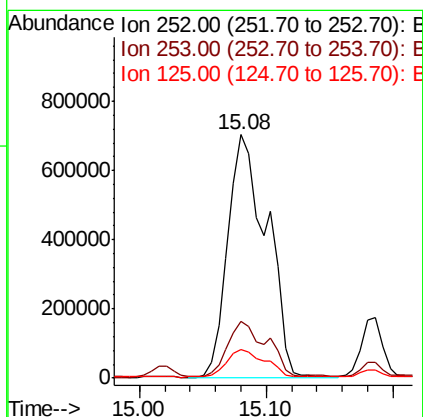
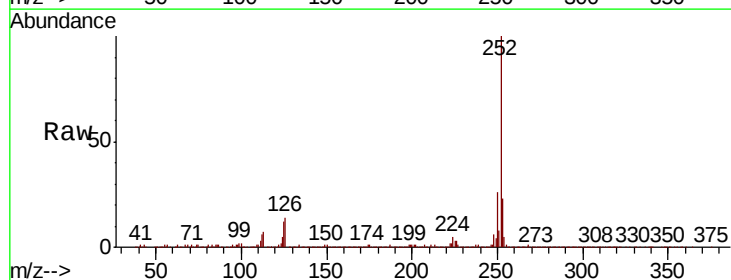
Instrument :
BNA_F
ClientSampleId :
SU-01-072519-A

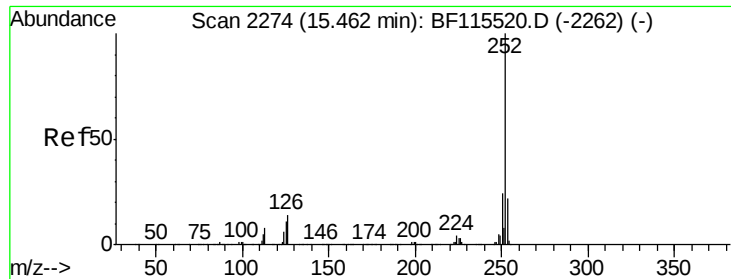
Tgt Ion:252 Resp: 1499594
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.8
125 11.9 8.4 12.6



#89
Benzo(k)fluoranthene
Concen: 78.773 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.02 min
Lab File: BF115811.D
Acq: 27 Jul 2019 2:19

Tgt Ion:252 Resp: 1499594
Ion Ratio Lower Upper
252 100
253 23.4 18.1 27.1
125 11.9 8.6 13.0





#90

Benzo(a)pyrene

Concen: 44.024 ng

RT: 15.45 min Scan# 2272

Delta R.T. 0.01 min

Lab File: BF115811.D

Acq: 27 Jul 2019 2:19

Instrument :

BNA_F

ClientSampleId :

SU-01-072519-A

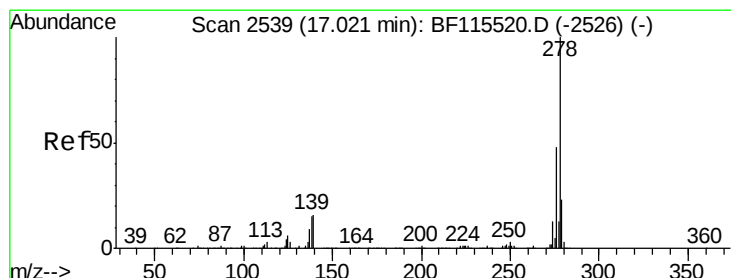
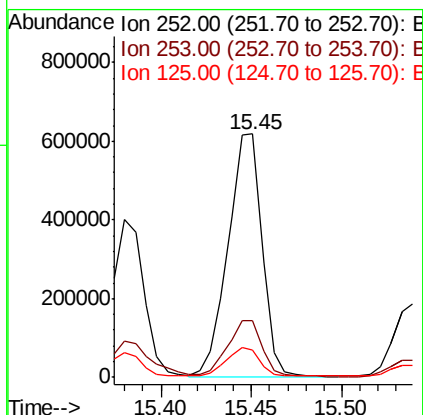
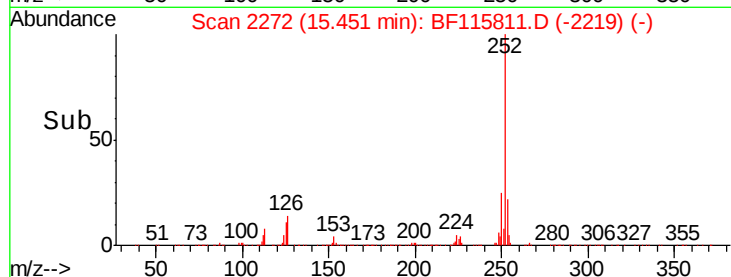
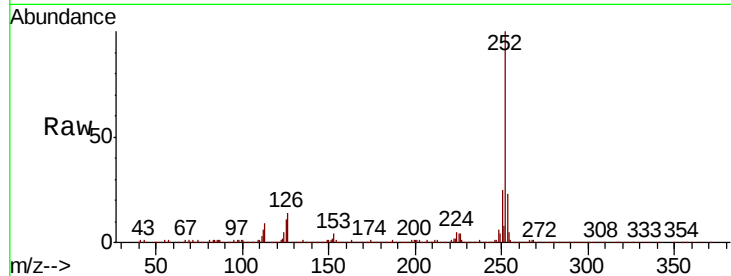
Tgt Ion:252 Resp: 807944

Ion Ratio Lower Upper

252 100

253 23.3 17.3 25.9

125 11.2 9.4 14.2



#91

Dibenzo(a,h)anthracene

Concen: 5.032 ng

RT: 17.16 min Scan# 2562

Delta R.T. 0.16 min

Lab File: BF115811.D

Acq: 27 Jul 2019 2:19

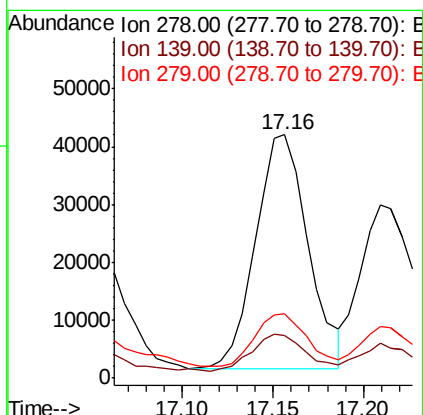
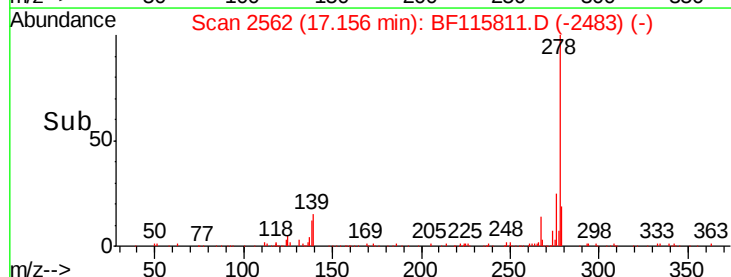
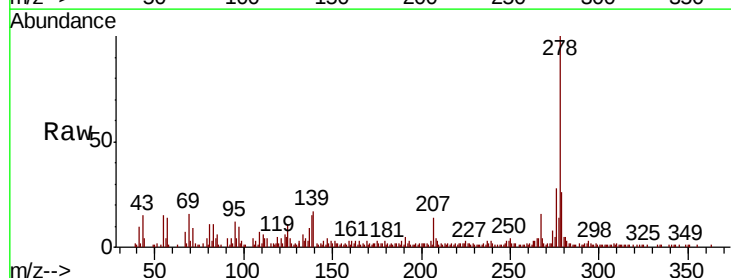
Tgt Ion:278 Resp: 81080

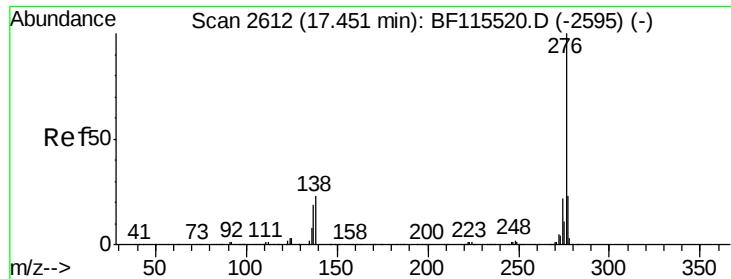
Ion Ratio Lower Upper

278 100

139 17.3 13.6 20.4

279 26.5 19.6 29.4





#92

Benzo(g,h,i)perylene

Concen: 21.016 ng

RT: 17.43 min Scan# 2609

Delta R.T. 0.01 min

Lab File: BF115811.D

Acq: 27 Jul 2019 2:19

Instrument :

BNA_F

ClientSampleId :

SU-01-072519-A

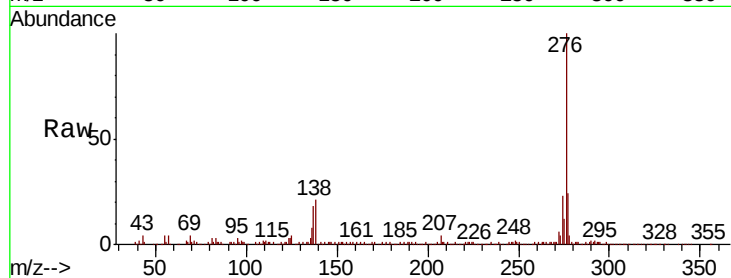
Tgt Ion: 276 Resp: 337693

Ion Ratio Lower Upper

276 100

277 24.4 18.1 27.1

138 20.6 16.6 24.8



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

