

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072719\
 Data File : BF115830.D
 Acq On : 27 Jul 2019 14:55
 Operator : HP/JU
 Sample : K3626-09DL 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 29 01:01:11 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	140610	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	552635	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	275415	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	421051	20.00	ng	0.00
76) Chrysene-d12	14.03	240	320948	20.00	ng	0.00
87) Perylene-d12	15.50	264	439976	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	78341	9.11	ng	0.00
7) Phenol-d6	6.50	99	108574	9.95	ng	0.00
23) Nitrobenzene-d5	7.43	82	64309	6.77	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	21640	6.73	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	132009	8.39	ng	-0.01
79) Terphenyl-d14	12.97	244	114606	6.59	ng	-0.01

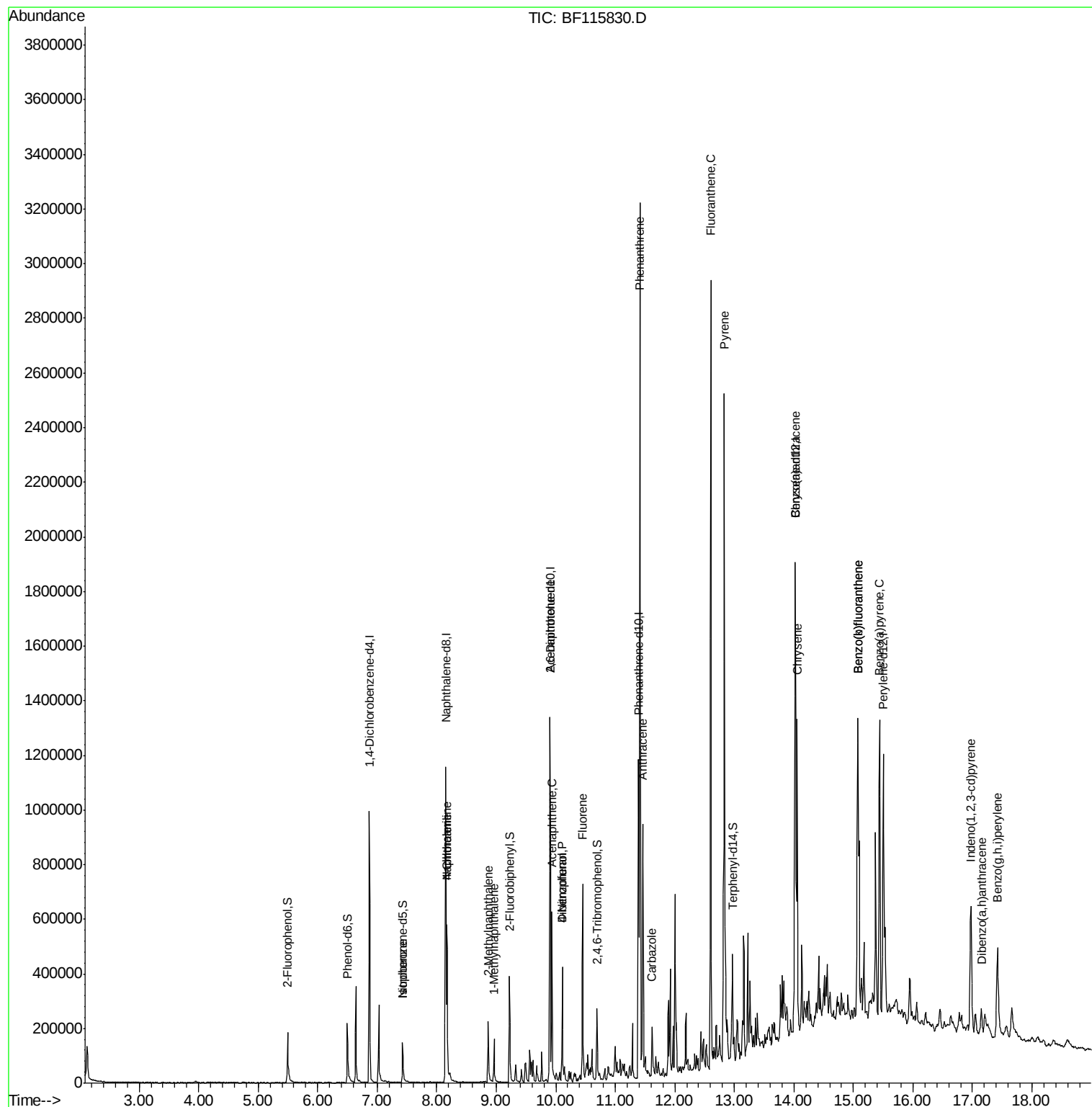
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
25) Isophorone	7.43	82	64308	3.381	ng	# 65
31) Naphthalene	8.17	128	267870	10.009	ng	98
33) 4-Chloroaniline	8.17	127	34742	2.931	ng	# 36
37) 2-Methylnaphthalene	8.86	142	75648	4.264	ng	97
38) 1-Methylnaphthalene	8.96	142	48745	2.893	ng	99
51) 2,6-Dinitrotoluene	9.90	165	37214	7.903	ng	# 25
52) Acenaphthene	9.93	154	140485	8.191	ng	98
55) Dibenzofuran	10.11	168	168995	6.938	ng	98
56) 4-Nitrophenol	10.11	139	65447	15.949	ng	# 8
58) Fluorene	10.45	166	208345	11.965	ng	100
71) Phenanthrene	11.42	178	1142236	52.924	ng	100
72) Anthracene	11.46	178	397606	17.826	ng	99
73) Carbazole	11.62	167	82643	4.225	ng	98
75) Fluoranthene	12.60	202	1199379	52.588	ng	98
78) Pyrene	12.83	202	1037364	38.150	ng	100
81) Benzo(a)anthracene	14.02	228	536360	25.367	ng	97
83) Chrysene	14.06	228	459564	21.651	ng	97
86) Indeno(1,2,3-cd)pyrene	16.97	276	308743	17.121	ng	95
88) Benzo(b)fluoranthene	15.07	252	867887	30.634	ng	98
89) Benzo(k)fluoranthene	15.07	252	867887	34.360	ng	99
90) Benzo(a)pyrene	15.44	252	515005	21.150	ng	98
91) Dibenz(a,h)anthracene	17.15	278	66626	3.117	ng	96
92) Benzo(g,h,i)perylene	17.42	276	291364	13.666	ng	97

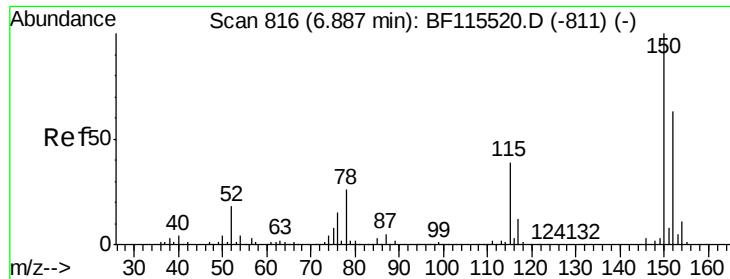
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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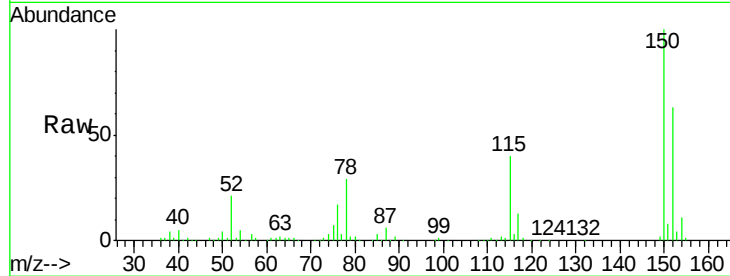


#1

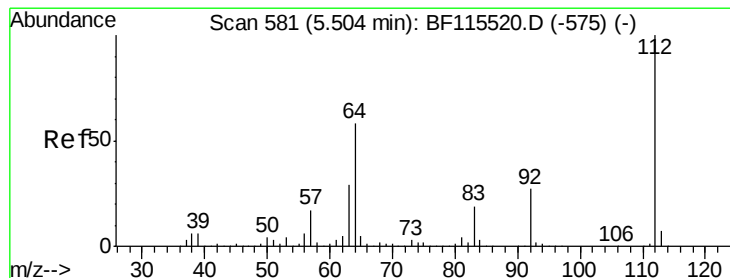
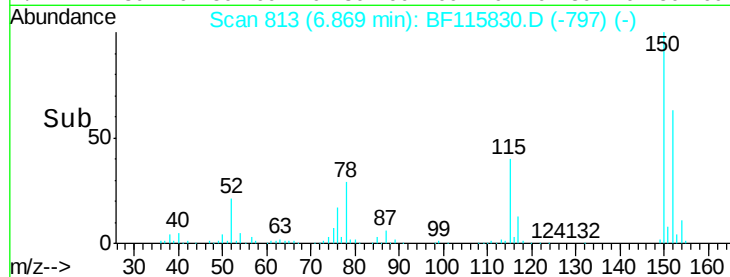
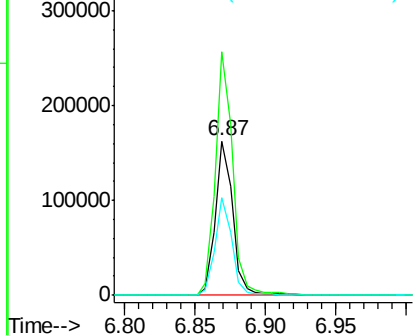
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF115830.D
Acq: 27 Jul 2019 14:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 140610
Ion Ratio Lower Upper
152 100
150 157.8 126.6 189.8
115 63.5 47.8 71.6



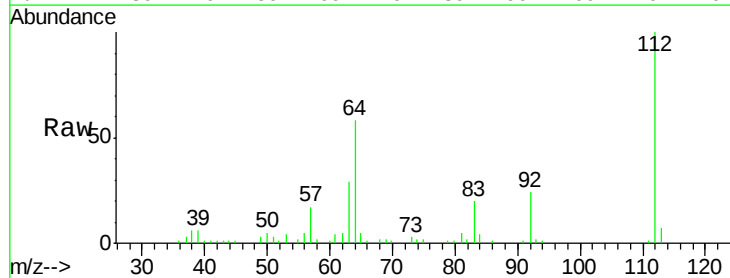
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



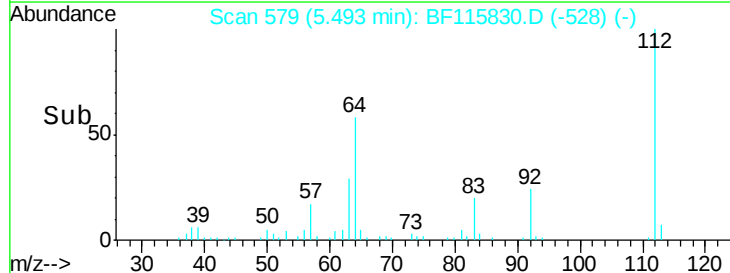
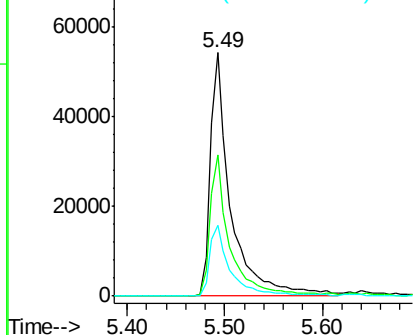
#5

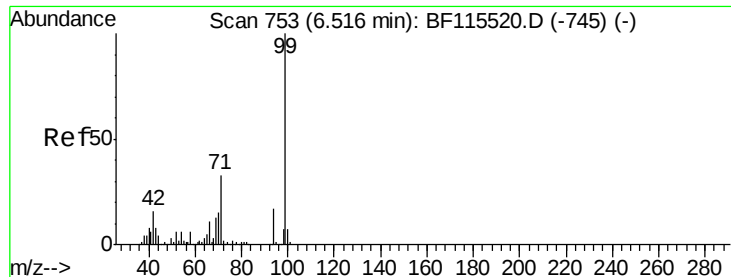
2-Fluorophenol
Concen: 9.113 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF115830.D
Acq: 27 Jul 2019 14:55

Tgt Ion:112 Resp: 78341
Ion Ratio Lower Upper
112 100
64 57.8 45.8 68.8
63 29.3 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: 9.954 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF115830.D

Acq: 27 Jul 2019 14:55

Instrument :

BNA_F

ClientSampled :

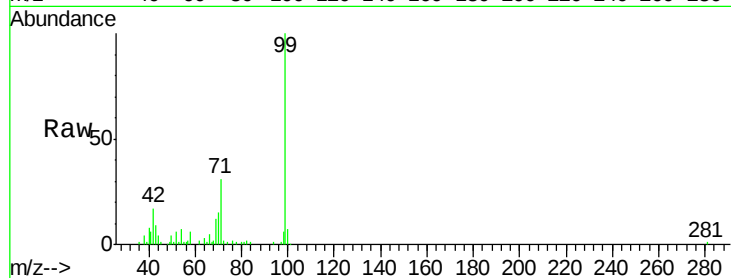
Tot Ion: 99 Resp: 108574

Ion Ratio Lower Upper

99 100

42 17.5 13.4 20.2

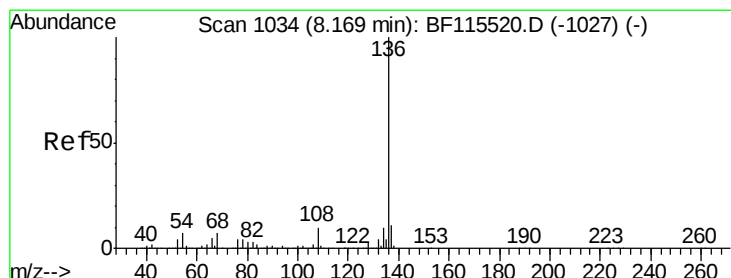
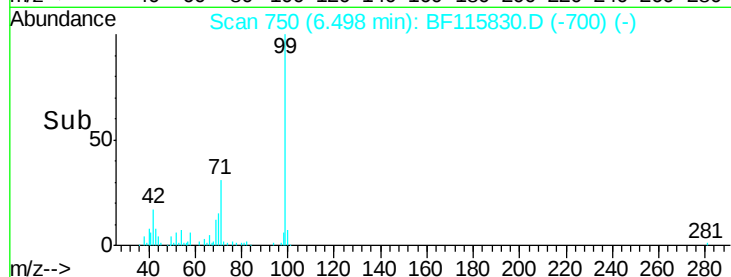
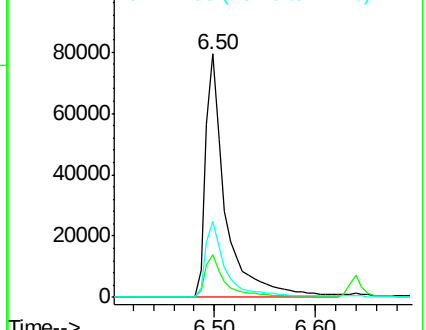
71 31.3 26.7 40.1



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF115830.D

Acq: 27 Jul 2019 14:55

Tgt Ion: 136 Resp: 552635

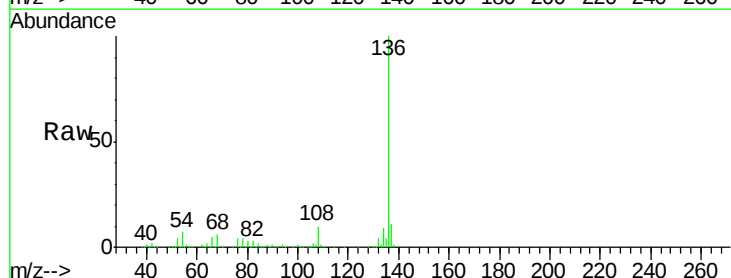
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 6.5 5.0 7.6

68 6.1 4.7 7.1

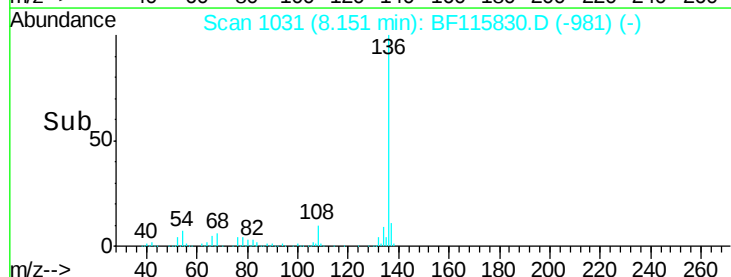
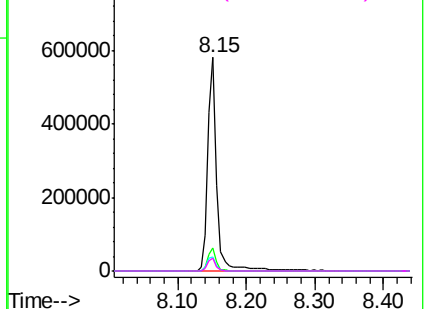


Abundance Ion 136.00 (135.70 to 136.70): E

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

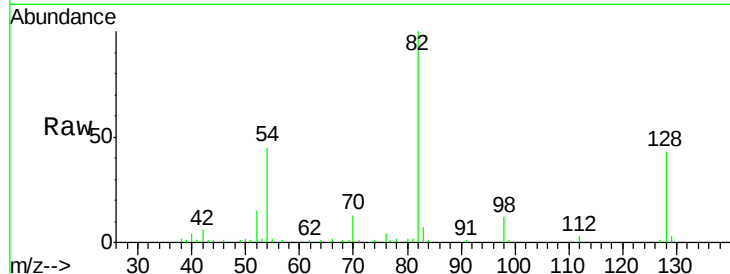




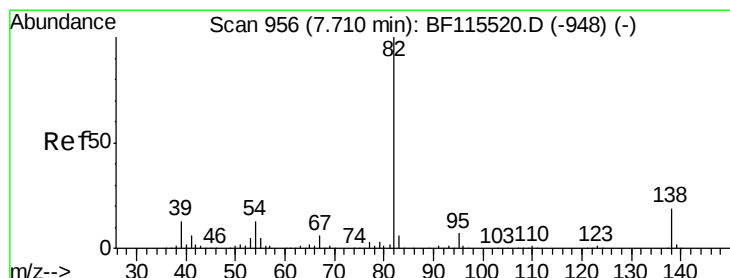
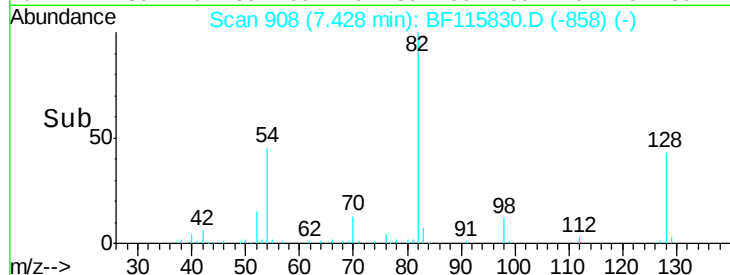
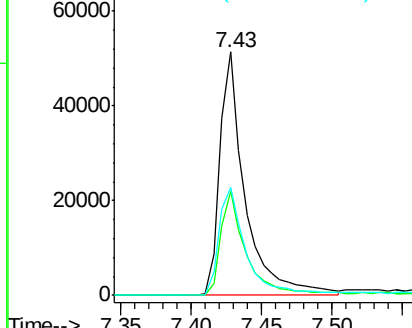
#23
 Nitrobenzene-d5
 Concen: 6.766 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF115830.D
 Acq: 27 Jul 2019 14:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	64309
Ion Ratio	Lower	Upper	
82	100		
128	43.0	36.6	55.0
54	44.6	36.6	54.8

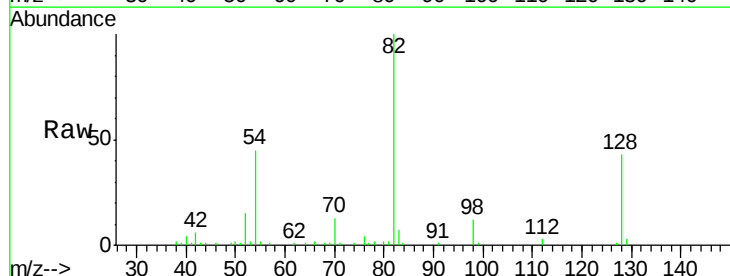


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

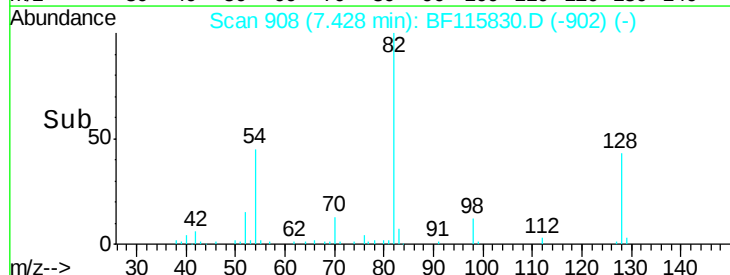
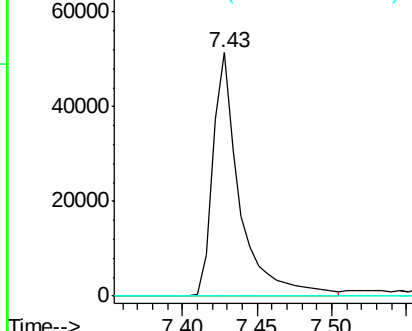


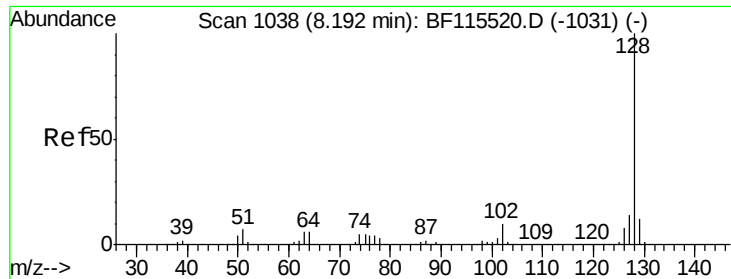
#25
 Isophorone
 Concen: 3.381 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.26 min
 Lab File: BF115830.D
 Acq: 27 Jul 2019 14:55

Tgt Ion	82	Resp	64308
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

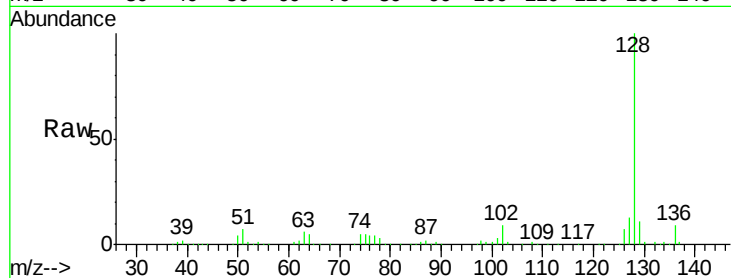




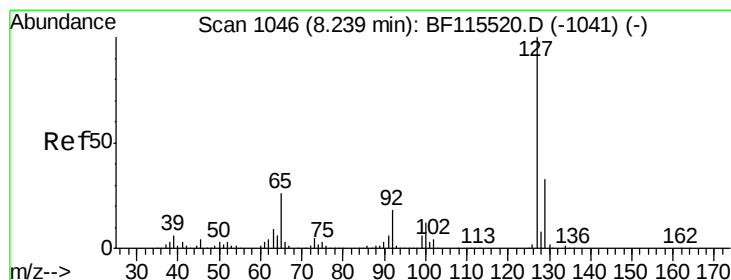
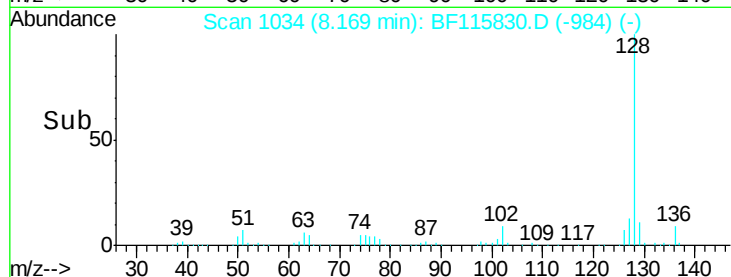
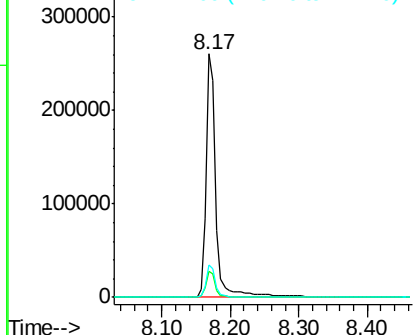
#31
Naphthalene
Concen: 10.009 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF115830.D
Acq: 27 Jul 2019 14:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 267870
Ion Ratio Lower Upper
128 100
129 10.9 9.4 14.2
127 13.1 10.9 16.3

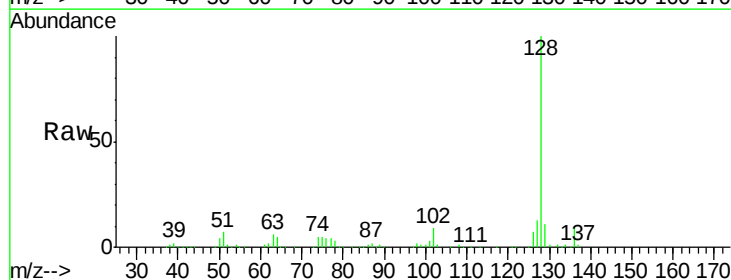


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

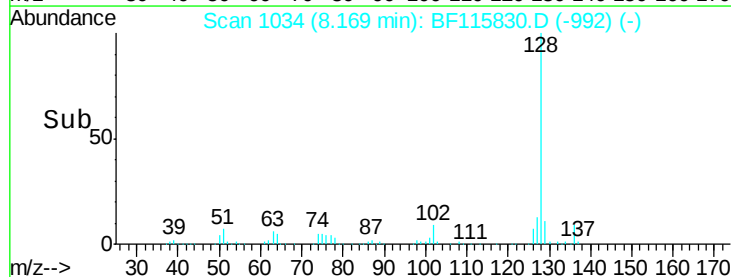
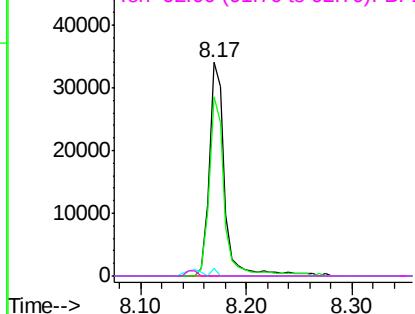


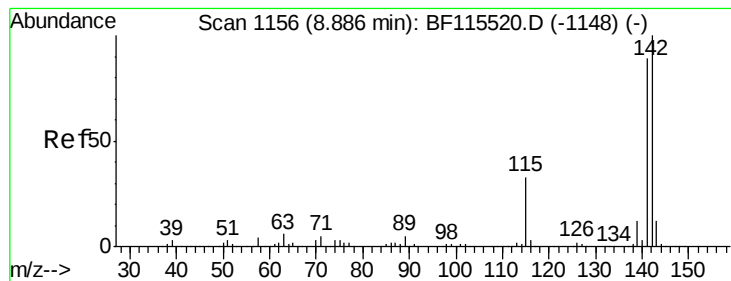
#33
4-Chloroaniline
Concen: 2.931 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.05 min
Lab File: BF115830.D
Acq: 27 Jul 2019 14:55

Tgt Ion:127 Resp: 34742
Ion Ratio Lower Upper
127 100
129 83.7 26.3 39.5#
65 3.5 23.8 35.8#
92 0.0 15.1 22.7#



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: 4.264 ng

RT: 8.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF115830.D

Acq: 27 Jul 2019 14:55

Instrument :

BNA_F

ClientSampleId :

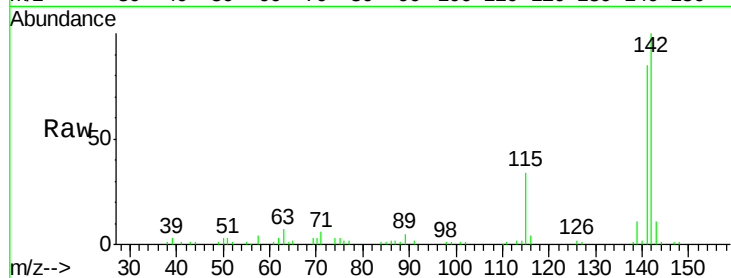
Tot Ion:142 Resp: 75648

Ion Ratio Lower Upper

142 100

141 84.6 71.0 106.4

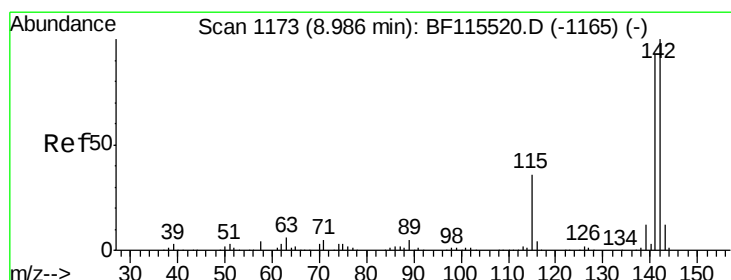
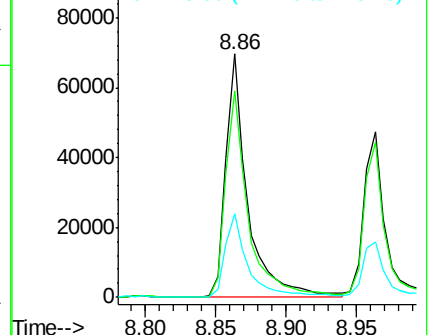
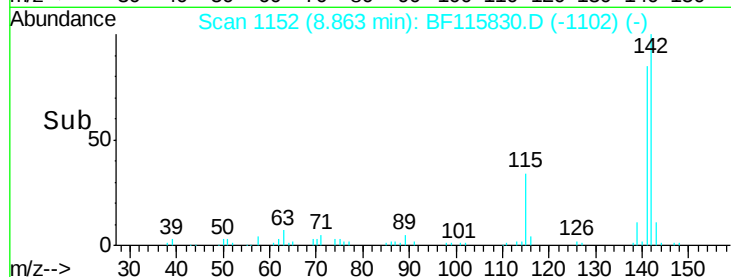
115 34.4 27.7 41.5



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: 2.893 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF115830.D

Acq: 27 Jul 2019 14:55

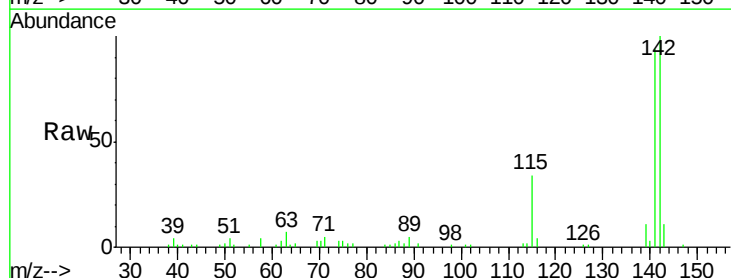
Tgt Ion:142 Resp: 48745

Ion Ratio Lower Upper

142 100

141 93.7 73.9 110.9

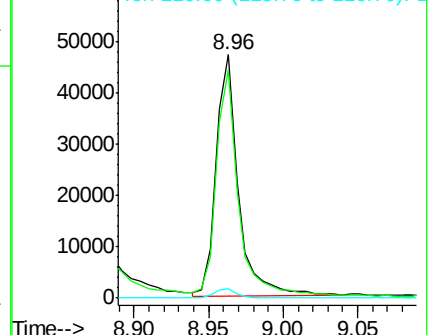
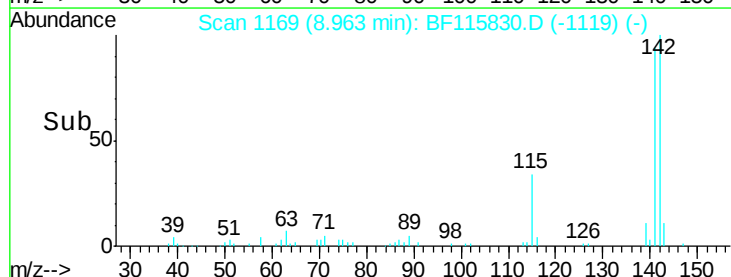
116 3.6 3.0 4.6

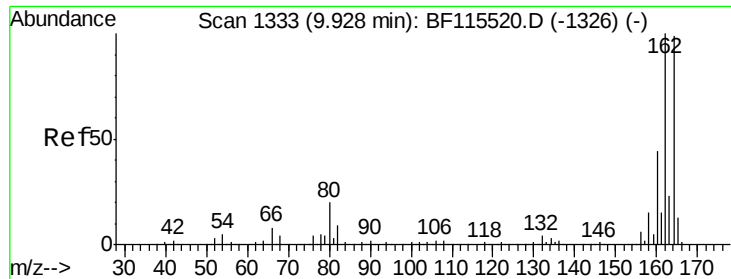


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

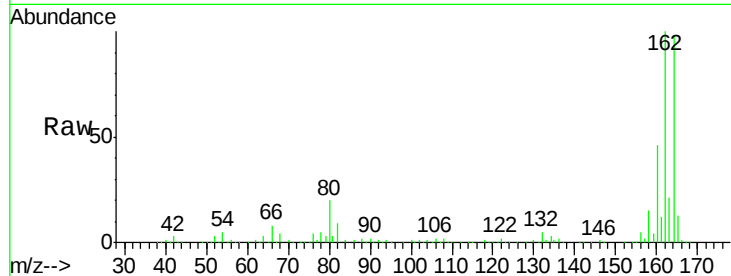




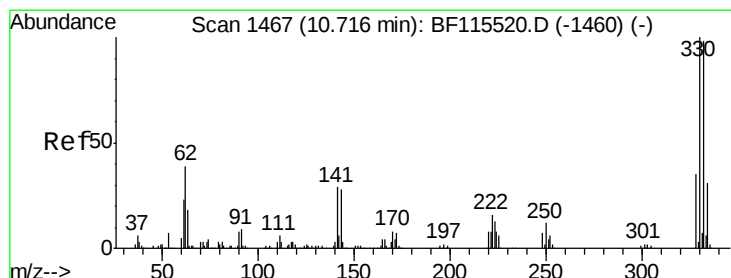
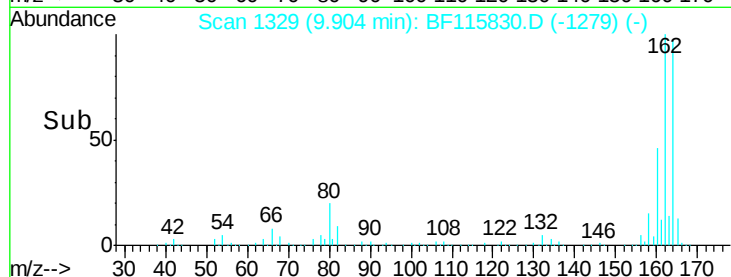
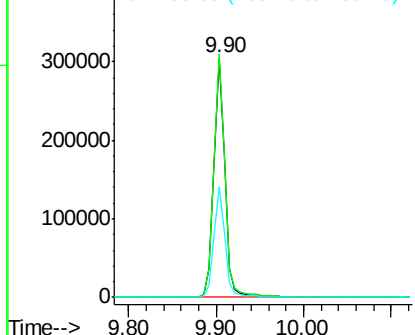
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF115830.D
Acq: 27 Jul 2019 14:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 275415
Ion Ratio Lower Upper
164 100
162 102.0 81.8 122.6
160 46.5 37.5 56.3

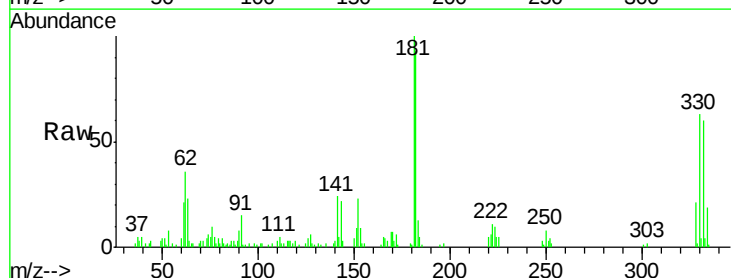


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

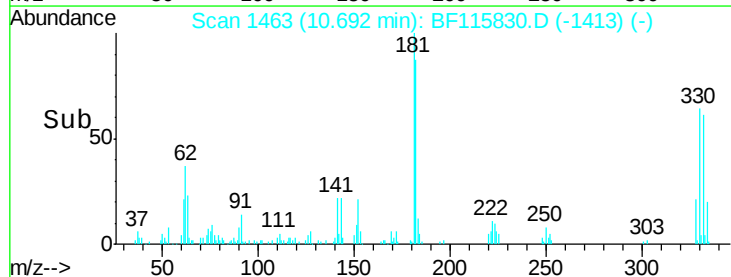
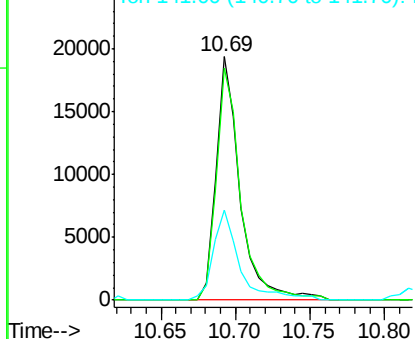


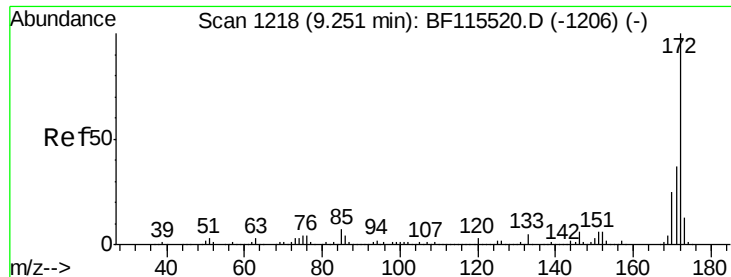
#42
2,4,6-Tribromophenol
Concen: 6.731 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF115830.D
Acq: 27 Jul 2019 14:55

Tgt Ion:330 Resp: 21640
Ion Ratio Lower Upper
330 100
332 98.2 76.1 114.1
141 40.8 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

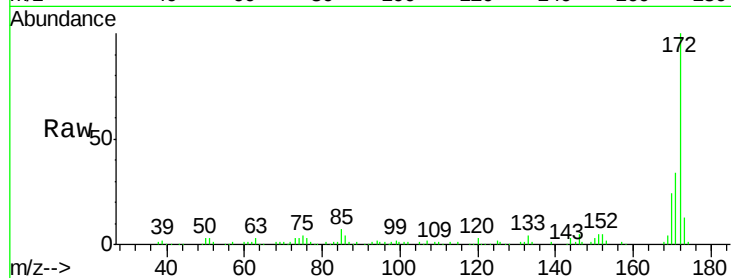




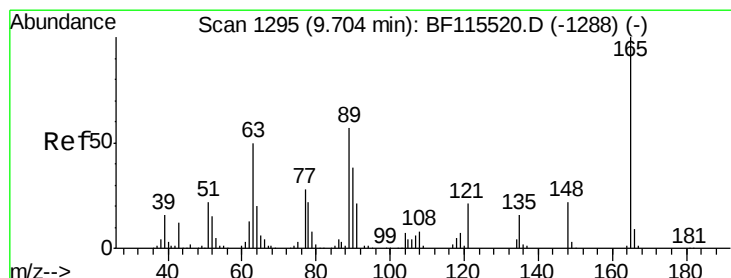
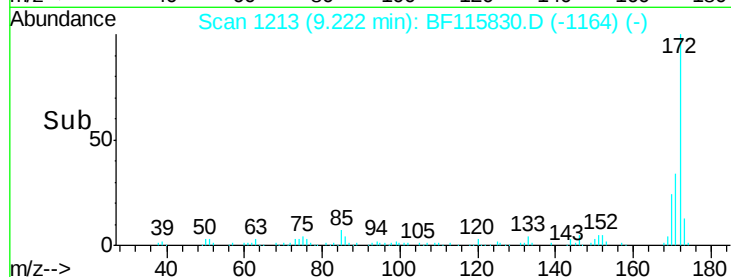
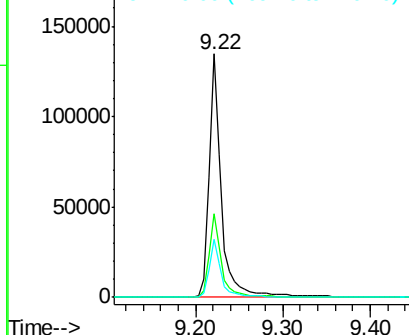
#45
 2-Fluorobiphenyl
 Concen: 8.389 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF115830.D
 Acq: 27 Jul 2019 14:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 132009
 Ion Ratio Lower Upper
 172 100
 171 34.1 29.0 43.4
 170 23.6 20.1 30.1

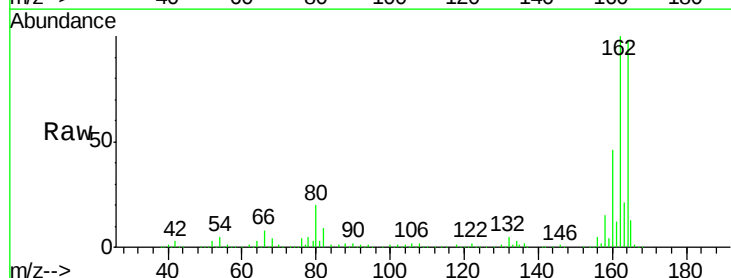


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

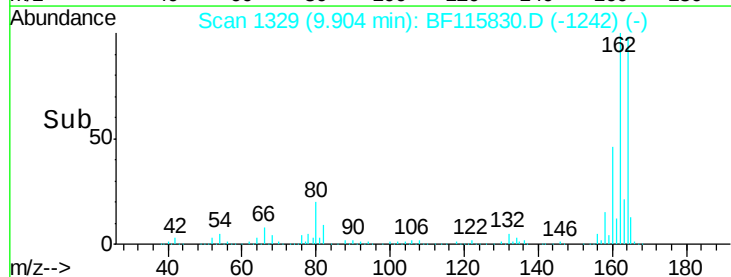
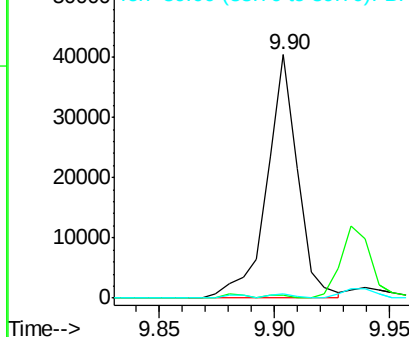


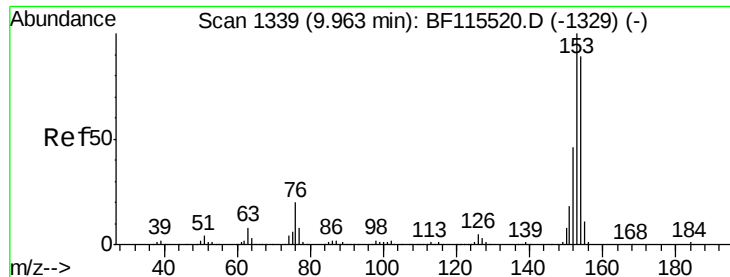
#51
 2,6-Dinitrotoluene
 Concen: 7.903 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.21 min
 Lab File: BF115830.D
 Acq: 27 Jul 2019 14:55

Tgt Ion:165 Resp: 37214
 Ion Ratio Lower Upper
 165 100
 63 1.0 43.5 65.3#
 89 1.6 46.3 69.5#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 8.191 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF115830.D

Acq: 27 Jul 2019 14:55

Instrument :

BNA_F

ClientSampleId :

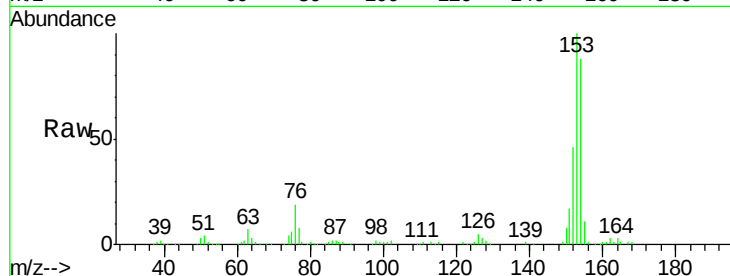
Tot Ion:154 Resp: 140485

Ion Ratio Lower Upper

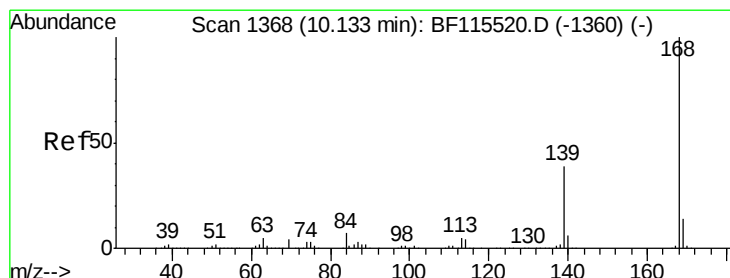
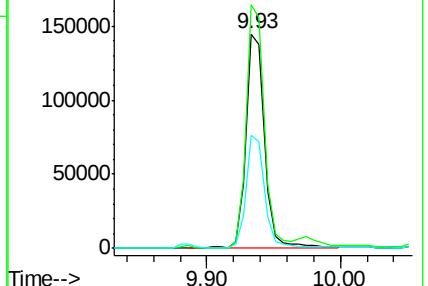
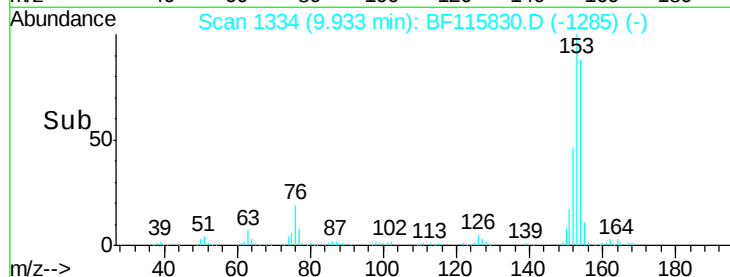
154 100

153 113.5 88.1 132.1

152 52.8 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: 6.938 ng

RT: 10.11 min Scan# 1364

Delta R.T. -0.01 min

Lab File: BF115830.D

Acq: 27 Jul 2019 14:55

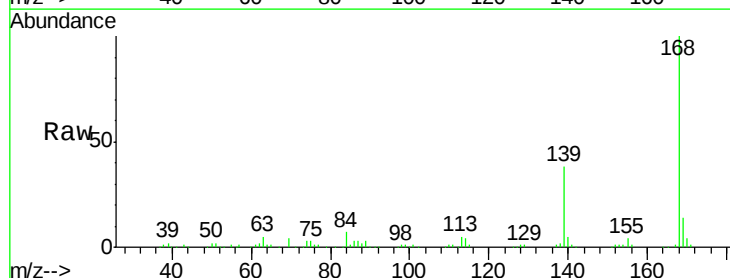
Tgt Ion:168 Resp: 168995

Ion Ratio Lower Upper

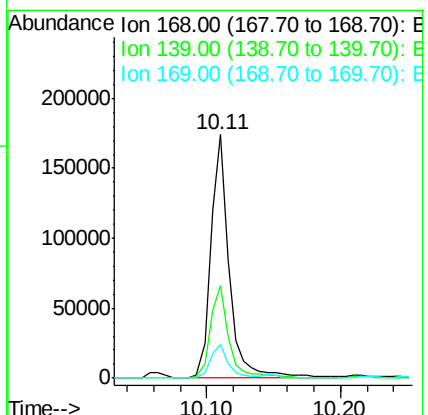
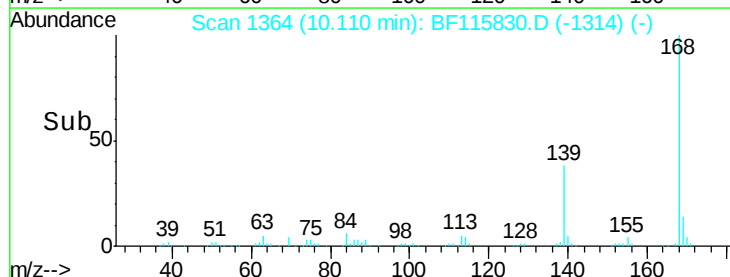
168 100

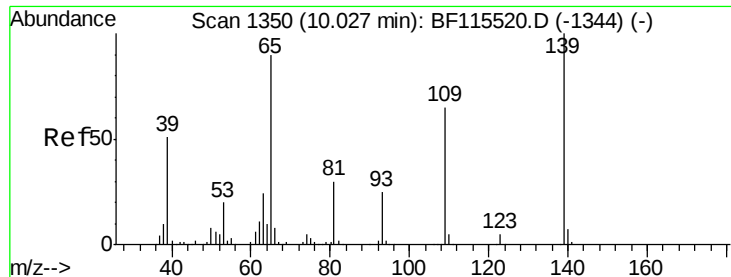
139 38.3 31.4 47.2

169 13.6 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: 15.949 ng

RT: 10.11 min Scan# 1364

Delta R.T. 0.09 min

Lab File: BF115830.D

Acq: 27 Jul 2019 14:55

Instrument :

BNA_F

ClientSampleId :

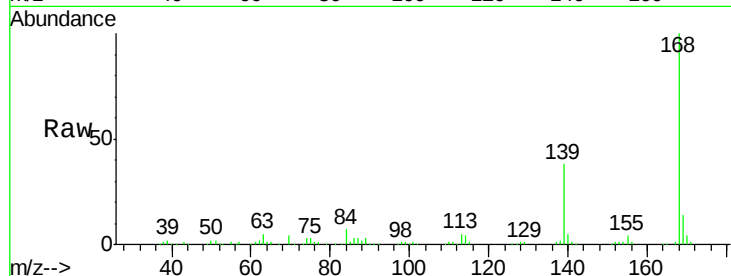
Tot Ion:139 Resp: 65447

Ion Ratio Lower Upper

139 100

109 0.8 51.2 91.2#

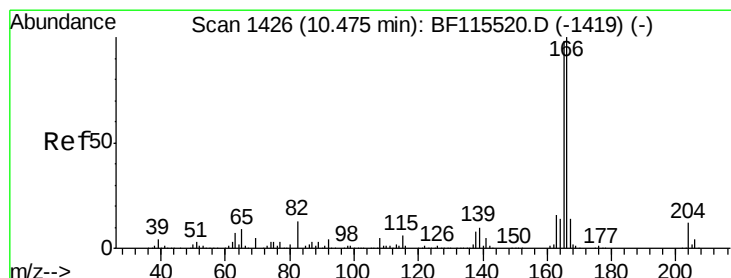
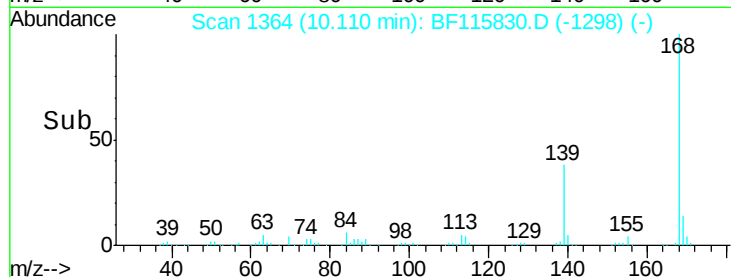
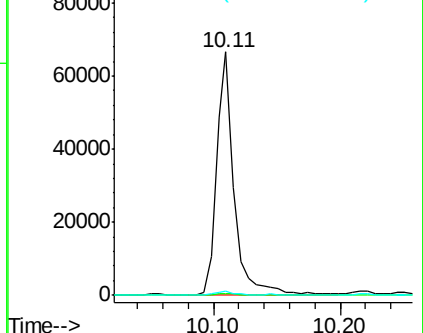
65 1.6 76.0 116.0#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#58

Fluorene

Concen: 11.965 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF115830.D

Acq: 27 Jul 2019 14:55

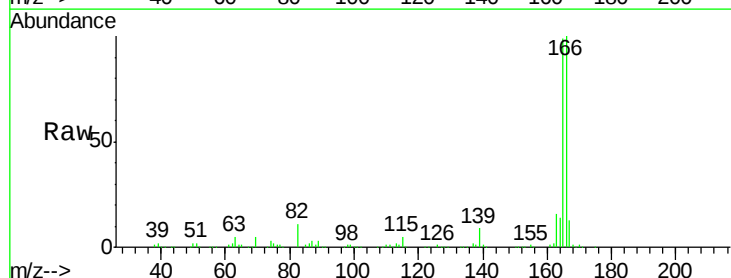
Tgt Ion:166 Resp: 208345

Ion Ratio Lower Upper

166 100

165 99.0 79.0 118.4

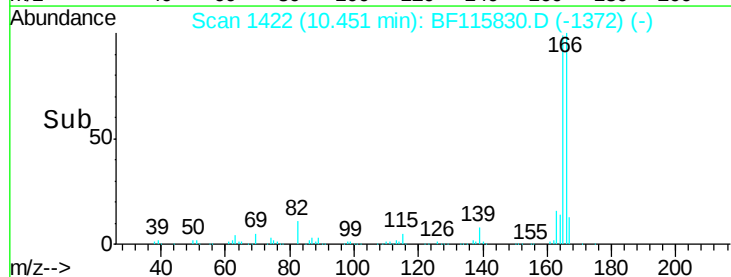
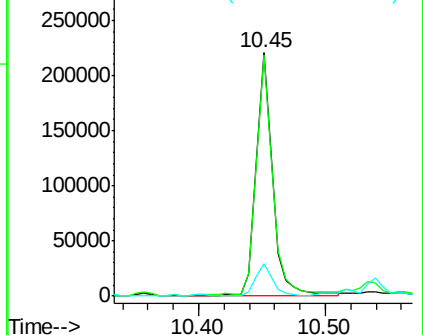
167 13.5 11.0 16.6

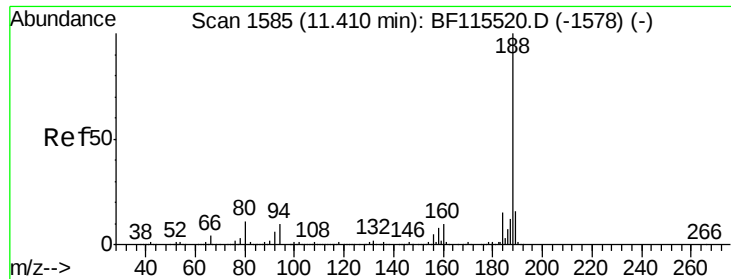


Abundance Ion 166.00 (165.70 to 166.70): E

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: 11.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF115830.D

Acq: 27 Jul 2019 14:55

Instrument :

BNA_F

ClientSampleId :

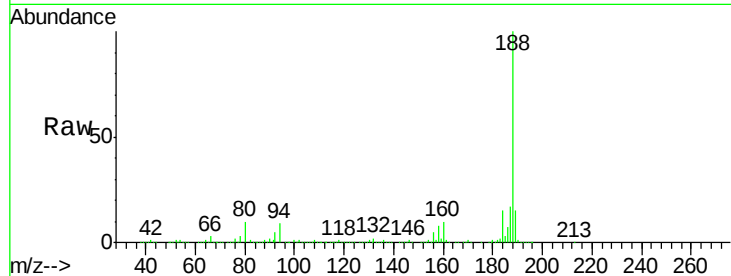
Tot Ion:188 Resp: 421051

Ion Ratio Lower Upper

188 100

94 8.9 8.2 12.2

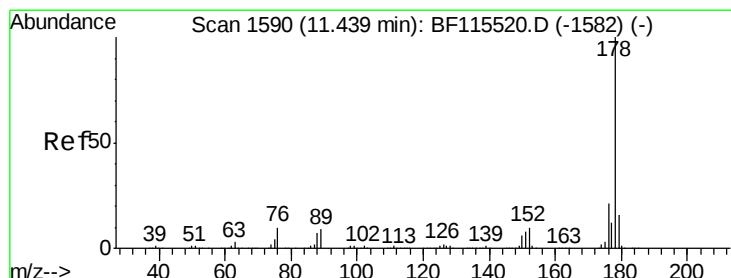
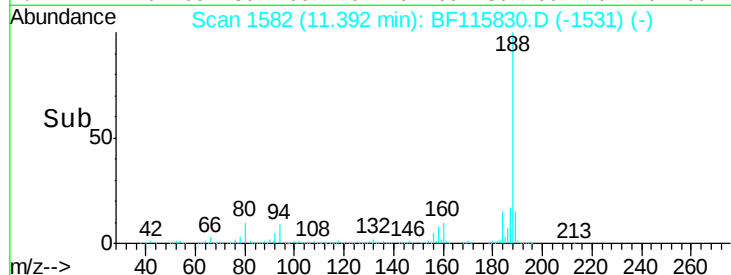
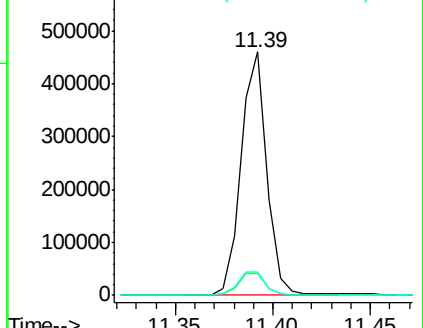
80 9.5 9.0 13.6



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



#71

Phenanthrene

Concen: 52.924 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BF115830.D

Acq: 27 Jul 2019 14:55

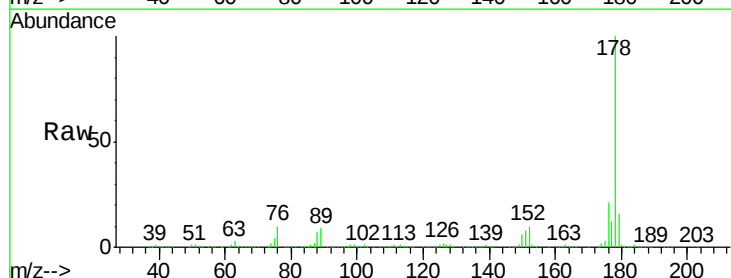
Tgt Ion:178 Resp: 1142236

Ion Ratio Lower Upper

178 100

176 20.6 16.4 24.6

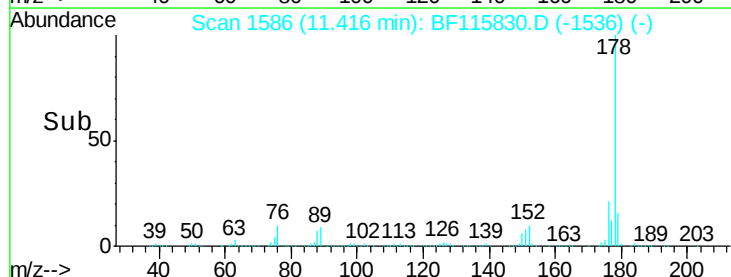
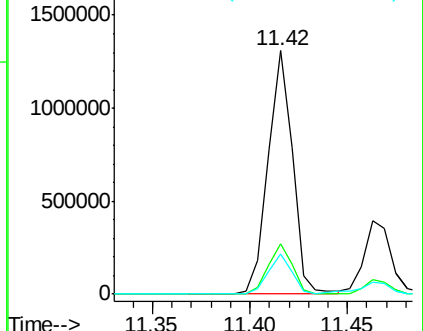
179 16.2 12.7 19.1

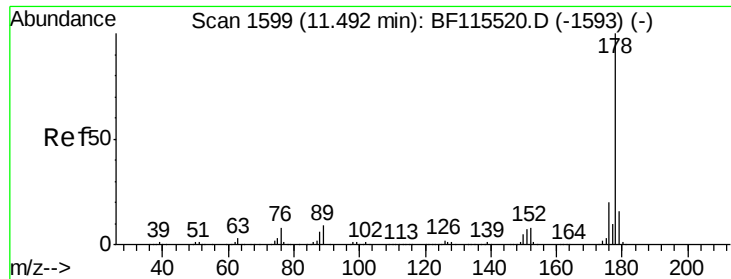


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 17.826 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BF115830.D

Acq: 27 Jul 2019 14:55

Instrument :

BNA_F

ClientSampleId :

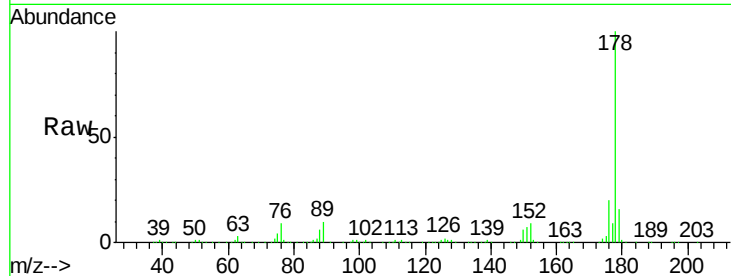
Tot Ion:178 Resp: 397606

Ion Ratio Lower Upper

178 100

176 19.7 16.1 24.1

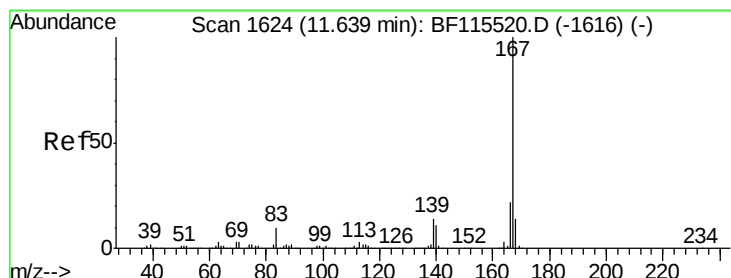
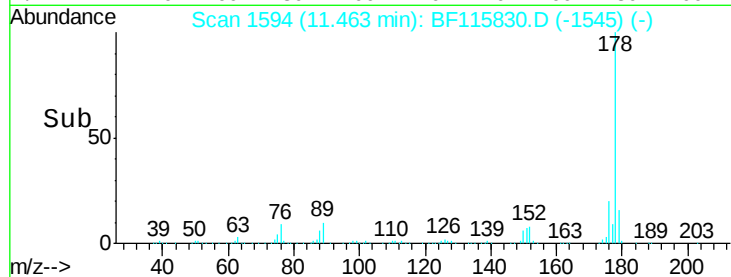
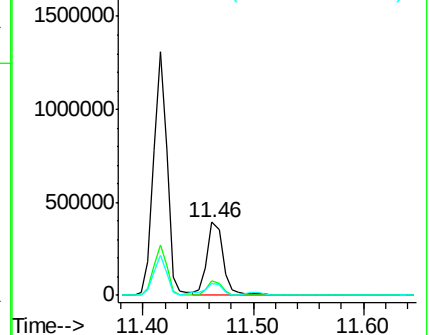
179 16.1 12.6 18.8



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: 4.225 ng

RT: 11.62 min Scan# 1621

Delta R.T. 0.00 min

Lab File: BF115830.D

Acq: 27 Jul 2019 14:55

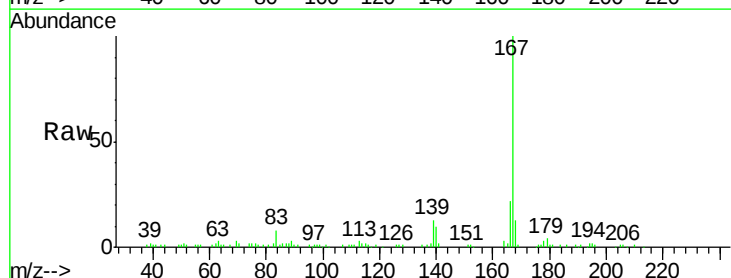
Tgt Ion:167 Resp: 82643

Ion Ratio Lower Upper

167 100

166 21.9 18.0 27.0

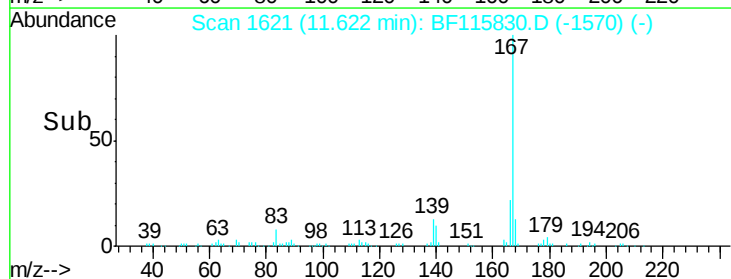
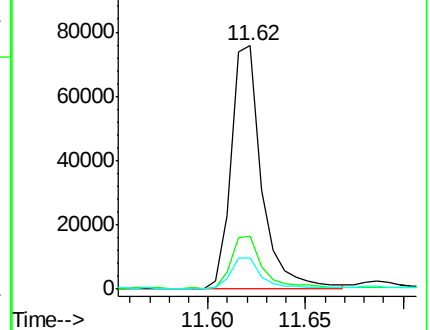
139 13.0 11.1 16.7

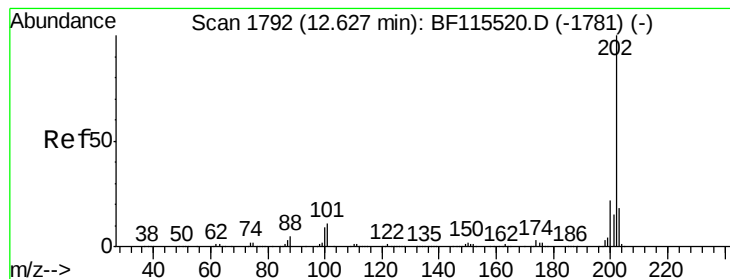


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 52.588 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.01 min

Lab File: BF115830.D

Acq: 27 Jul 2019 14:55

Instrument :

BNA_F

ClientSampleId :

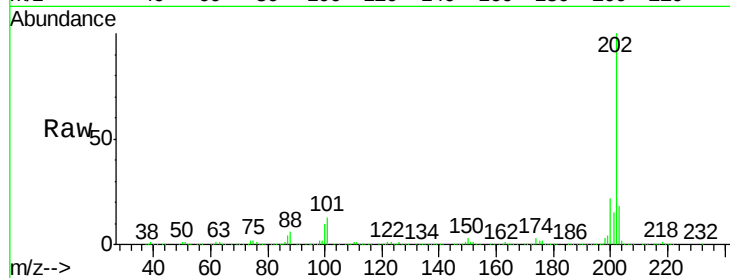
Tot Ion:202 Resp: 1199379

Ion Ratio Lower Upper

202 100

101 13.2 0.0 31.6

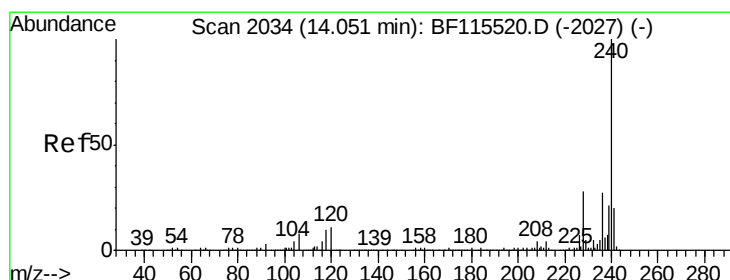
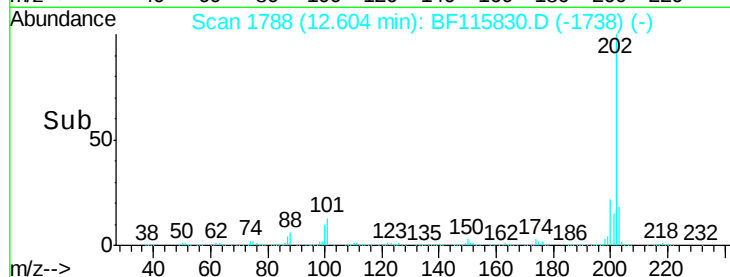
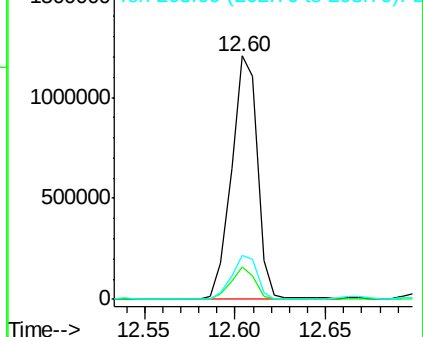
203 18.2 0.0 38.0



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# 2030

Delta R.T. -0.01 min

Lab File: BF115830.D

Acq: 27 Jul 2019 14:55

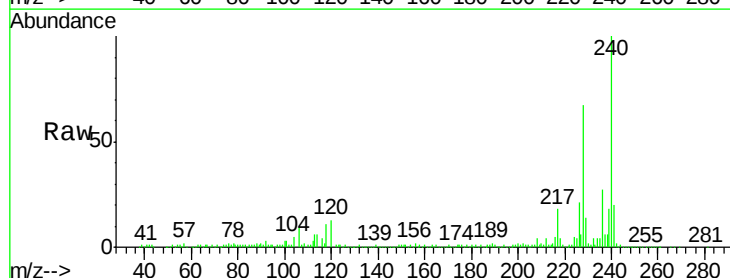
Tgt Ion:240 Resp: 320948

Ion Ratio Lower Upper

240 100

120 13.1 10.0 15.0

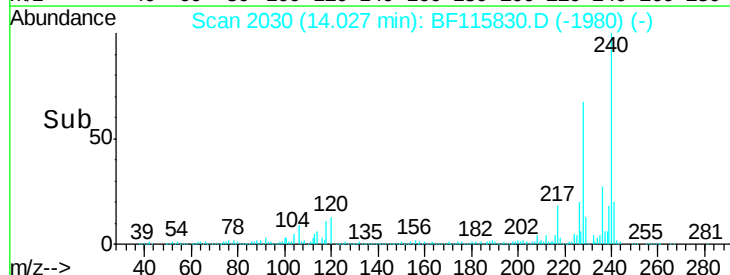
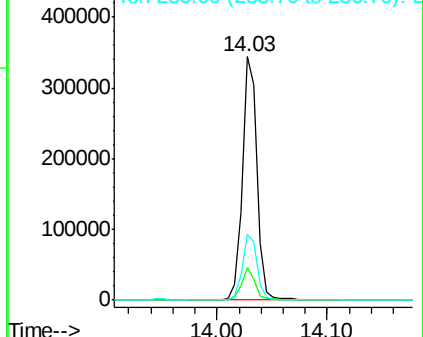
236 27.1 21.8 32.6

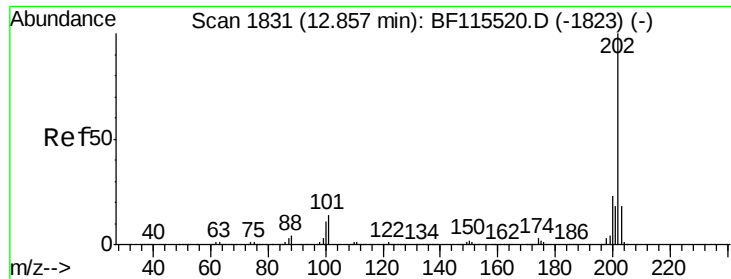


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

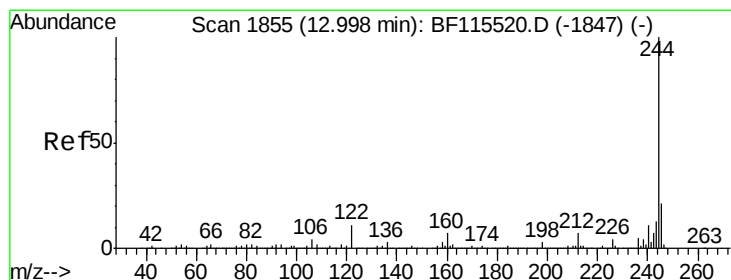
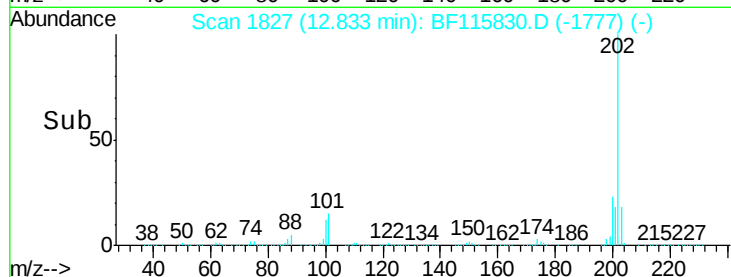
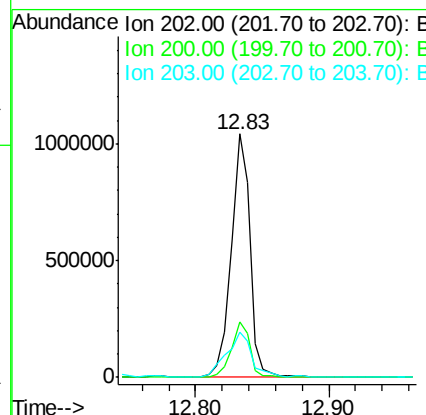
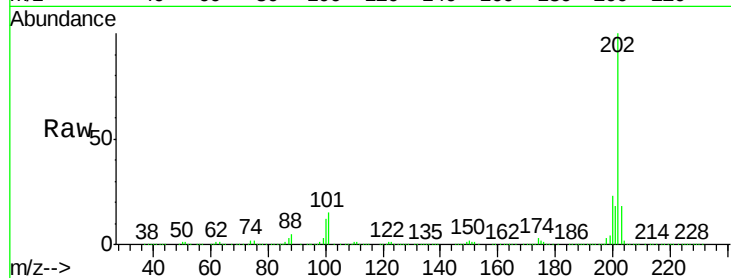




#78
Pvrene
Concen: 38.150 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BF115830.D
Acq: 27 Jul 2019 14:55

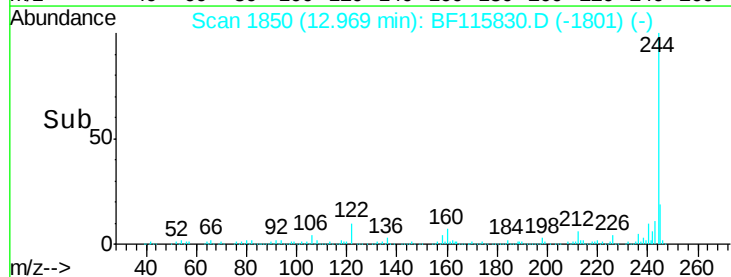
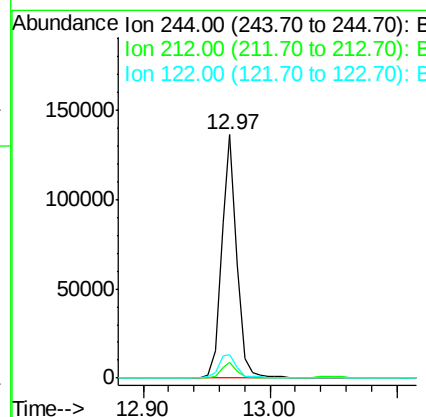
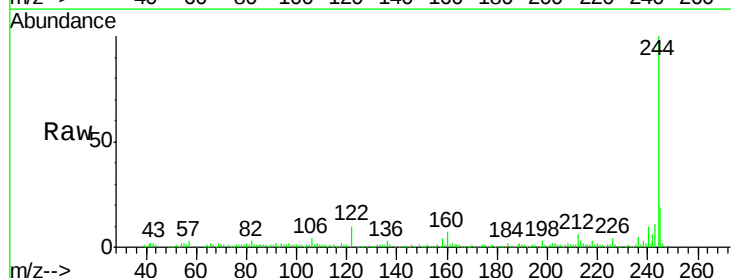
Instrument :
BNA_F
ClientSampleId :

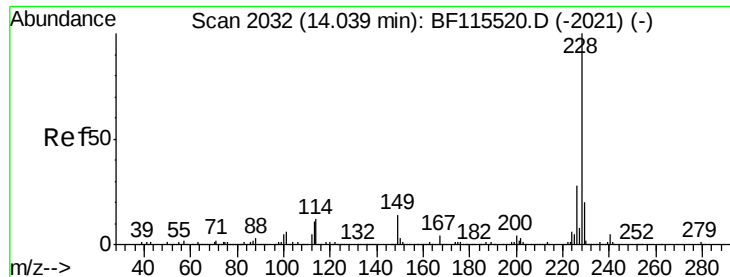
Tot Ion:202 Resp: 1037364
Ion Ratio Lower Upper
202 100
200 22.7 18.2 27.4
203 18.4 14.6 21.8



#79
Terphenyl-d14
Concen: 6.589 ng
RT: 12.97 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BF115830.D
Acq: 27 Jul 2019 14:55

Tgt Ion:244 Resp: 114606
Ion Ratio Lower Upper
244 100
212 6.4 5.5 8.3
122 9.8 8.2 12.4

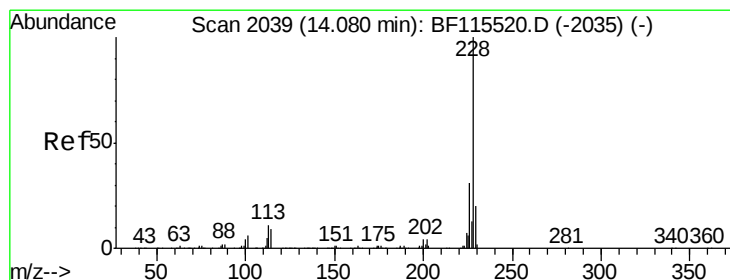
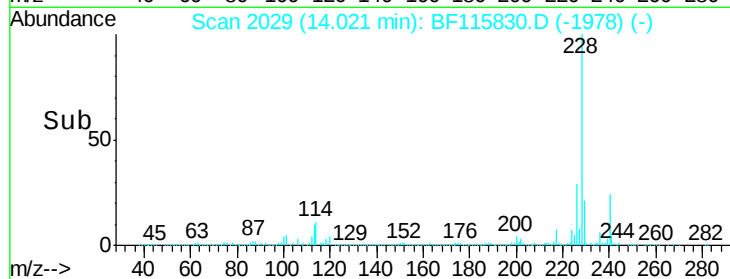
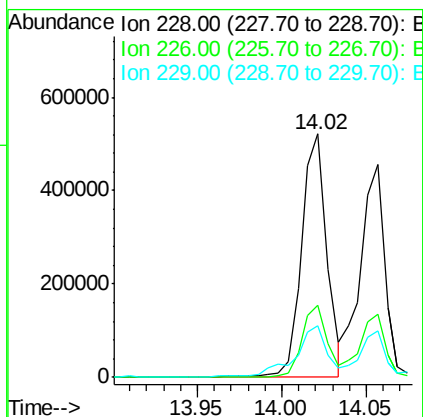
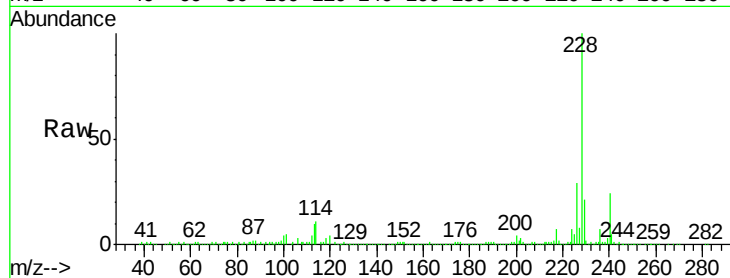




#81
Benzo(a)anthracene
Concen: 25.367 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF115830.D
Acq: 27 Jul 2019 14:55

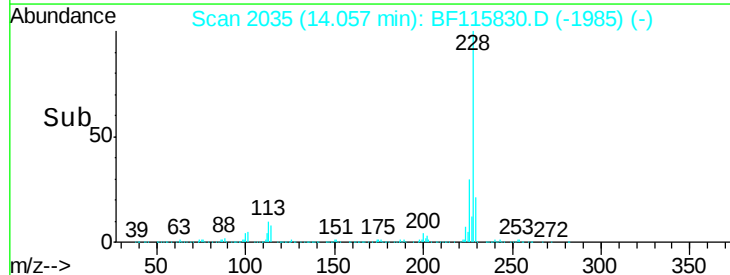
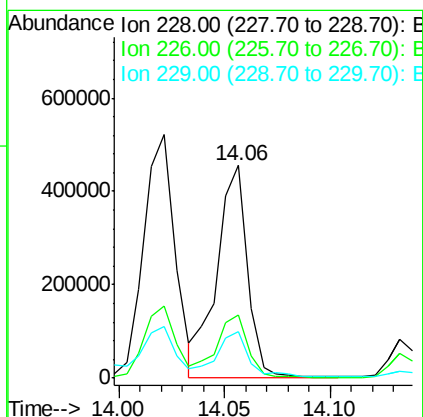
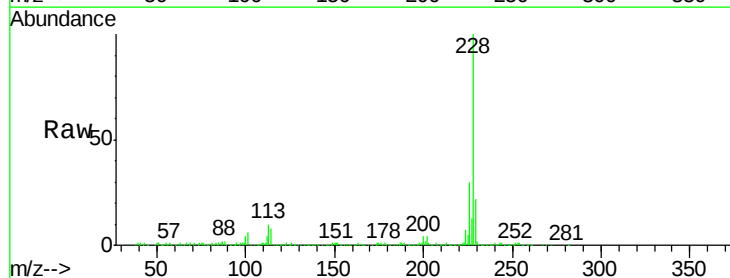
Instrument :
BNA_F
ClientSampleId :

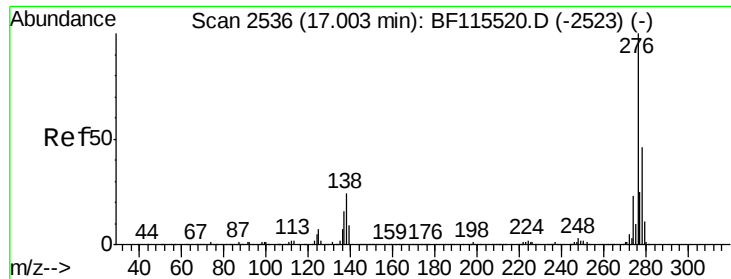
Tot Ion:228 Resp: 536360
Ion Ratio Lower Upper
228 100
226 29.4 22.2 33.2
229 21.1 16.1 24.1



#83
Chrysene
Concen: 21.651 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF115830.D
Acq: 27 Jul 2019 14:55

Tgt Ion:228 Resp: 459564
Ion Ratio Lower Upper
228 100
226 30.0 25.0 37.4
229 22.1 16.2 24.2

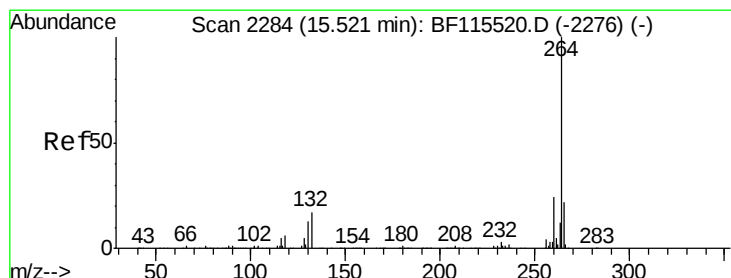
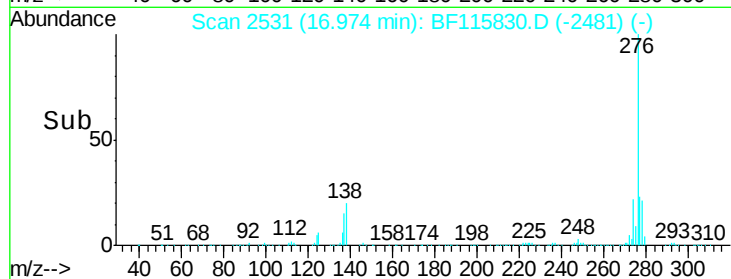
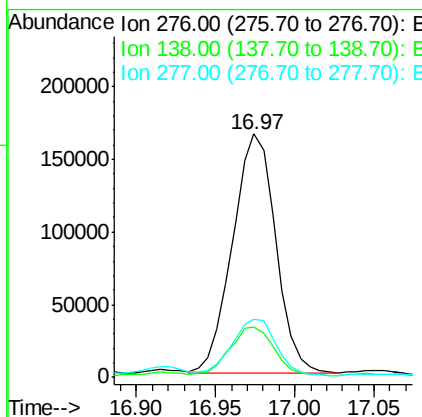
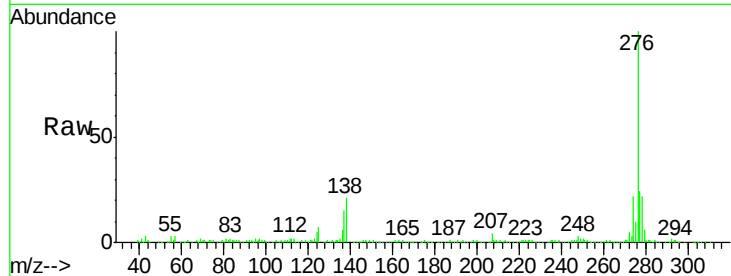




#86
Indeno(1,2,3-cd)pyrene
Concen: 17.121 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.01 min
Lab File: BF115830.D
Acq: 27 Jul 2019 14:55

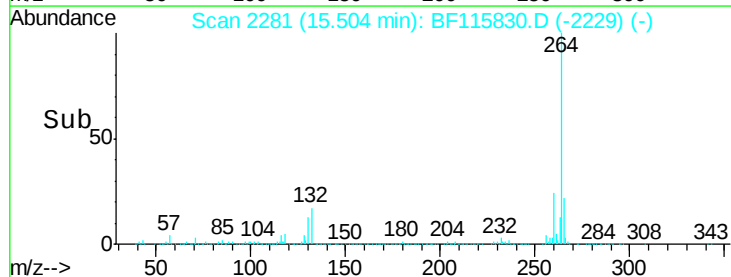
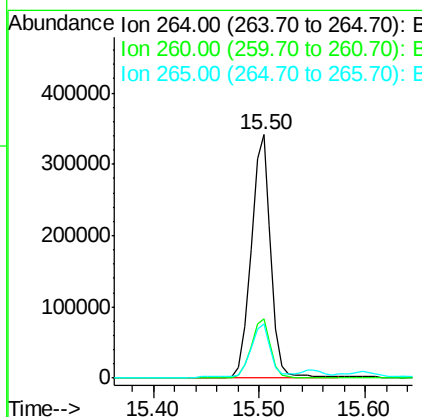
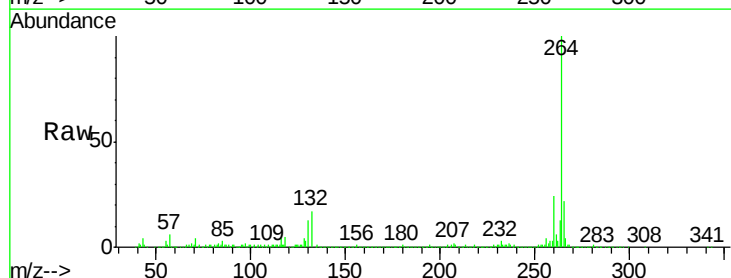
Instrument :
BNA_F
ClientSampleId :

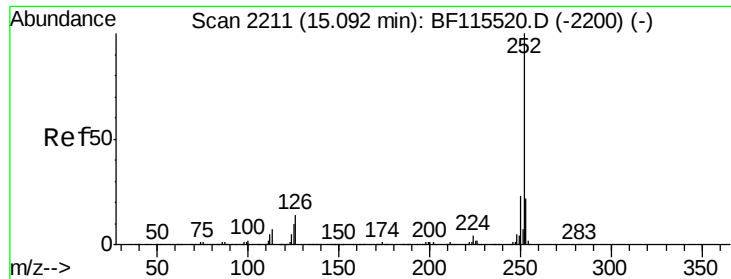
Tot Ion	Ratio	Lower	Upper
276	100		
138	21.1	20.1	30.1
277	24.1	19.8	29.8



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF115830.D
Acq: 27 Jul 2019 14:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.6
265	22.3	17.5	26.3

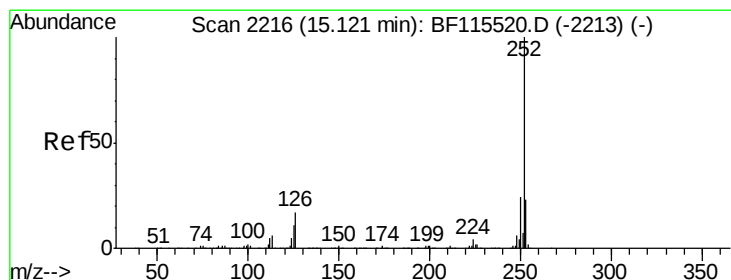
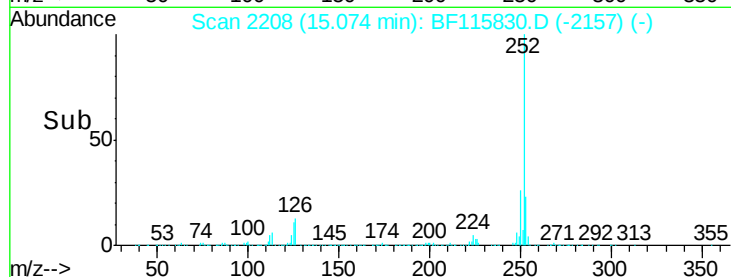
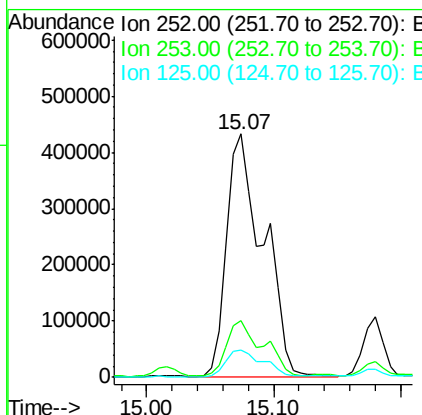
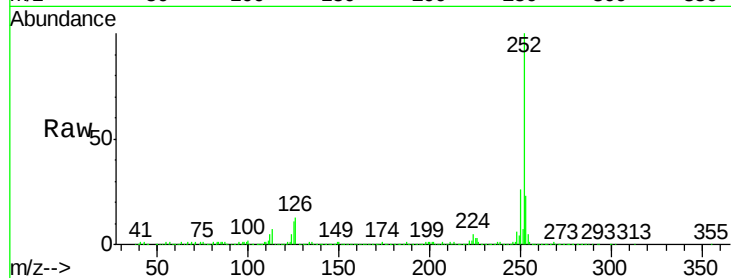




#88
Benzo(b)fluoranthene
Concen: 30.634 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BF115830.D
Acq: 27 Jul 2019 14:55

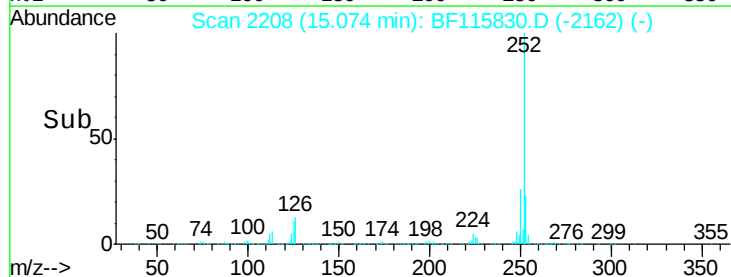
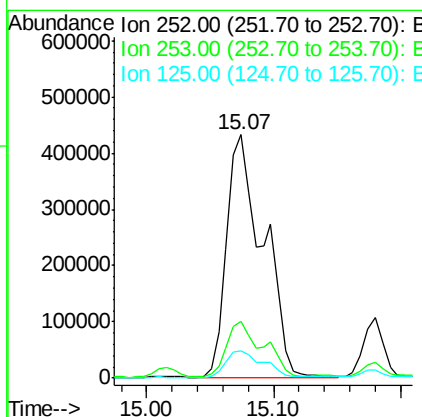
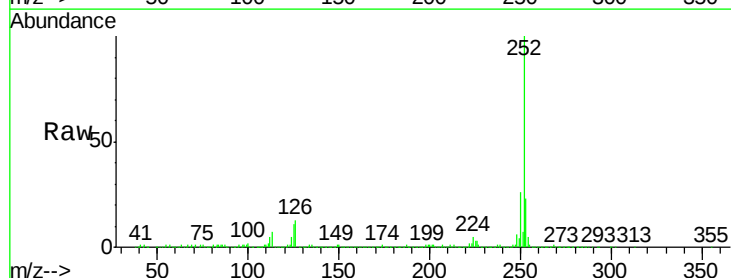
Instrument :
BNA_F
ClientSampled :

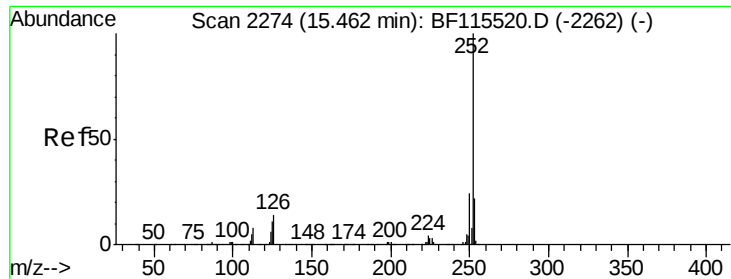
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	11.2	8.4	12.6



#89
Benzo(k)fluoranthene
Concen: 34.360 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.03 min
Lab File: BF115830.D
Acq: 27 Jul 2019 14:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	11.2	8.6	13.0

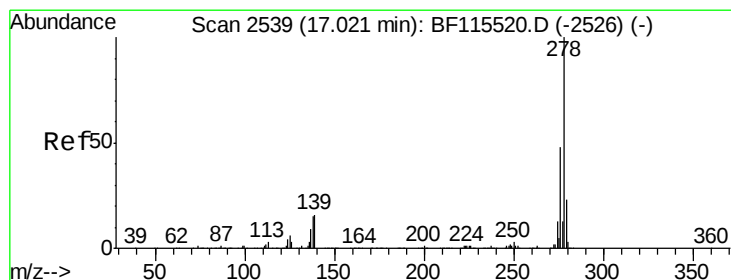
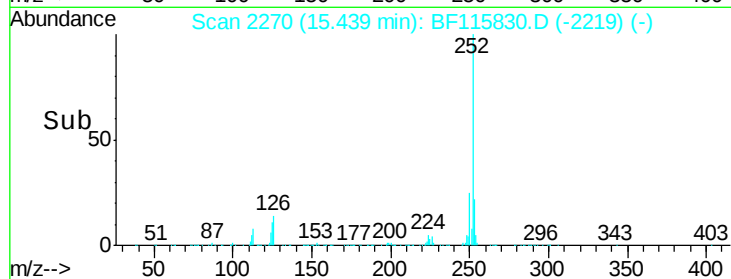
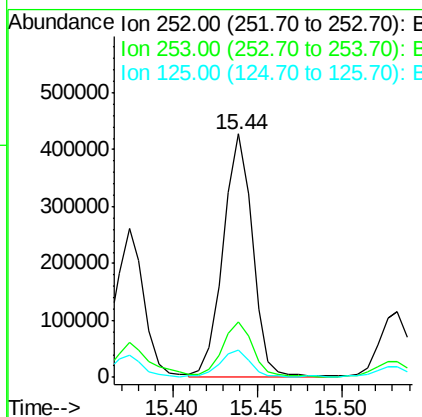
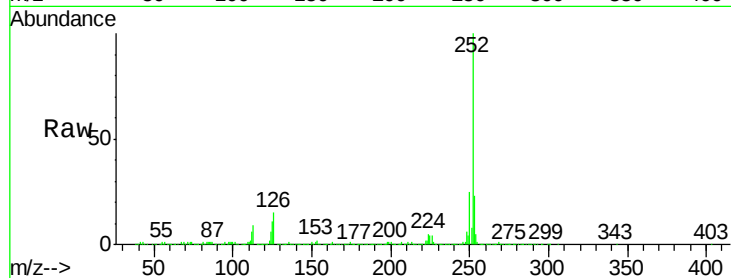




#90
Benzo(a)pyrene
Concen: 21.150 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF115830.D
Acq: 27 Jul 2019 14:55

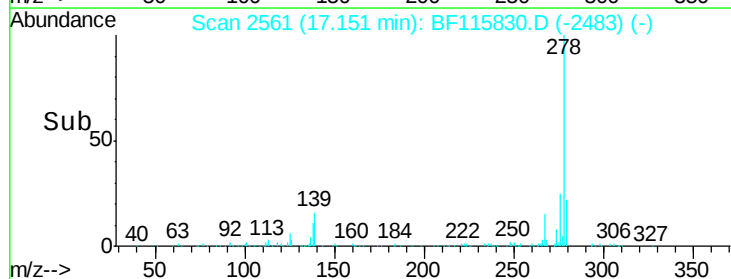
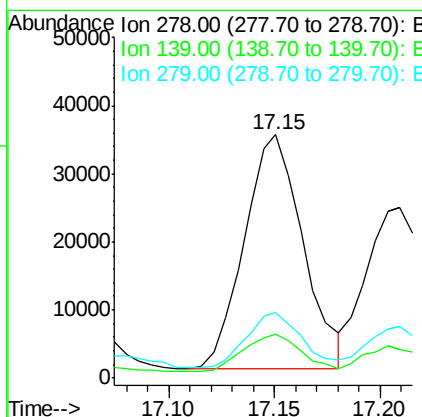
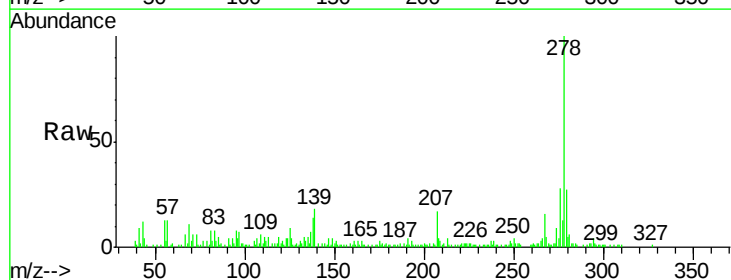
Instrument :
BNA_F
ClientSampled :

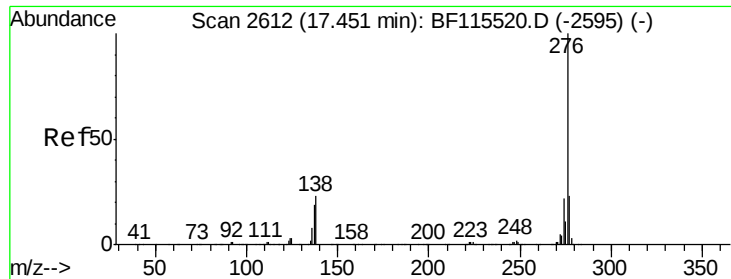
Tot Ion:252 Resp: 515005
Ion Ratio Lower Upper
252 100
253 22.8 17.3 25.9
125 11.4 9.4 14.2



#91
Dibenzo(a,h)anthracene
Concen: 3.117 ng
RT: 17.15 min Scan# 2561
Delta R.T. 0.16 min
Lab File: BF115830.D
Acq: 27 Jul 2019 14:55

Tgt Ion:278 Resp: 66626
Ion Ratio Lower Upper
278 100
139 17.8 13.6 20.4
279 26.8 19.6 29.4





#92

Benzo(a,h,i)perylene

Concen: 13.666 ng

RT: 17.42 min Scan# 2607

Delta R.T. -0.01 min

Lab File: BF115830.D

Acq: 27 Jul 2019 14:55

Instrument :

BNA_F

ClientSampleId :

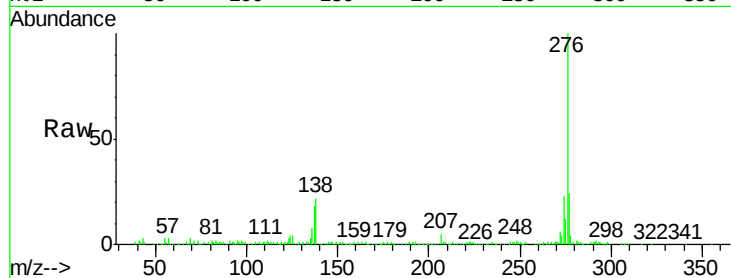
Tot Ion:276 Resp: 291364

Ion Ratio Lower Upper

276 100

277 23.9 18.1 27.1

138 21.8 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

