

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062220\
 Data File : BF120692.D
 Acq On : 22 Jun 2020 23:04
 Operator : JU/CG
 Sample : L3082-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-18

Quant Time: Jun 23 01:38:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	145793	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	550896	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	285475	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	576722	20.00	ng	0.00
76) Chrysene-d12	13.98	240	356223	20.00	ng	0.02
86) Perylene-d12	15.43	264	448223	20.00	ng	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	791795	93.11	ng	0.00
7) Phenol-d6	6.43	99	1016981	96.02	ng	0.00
23) Nitrobenzene-d5	7.36	82	640135	64.95	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	321739	96.94	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1239511	66.43	ng	0.00
79) Terphenyl-d14	12.92	244	1528686	94.79	ng	0.00

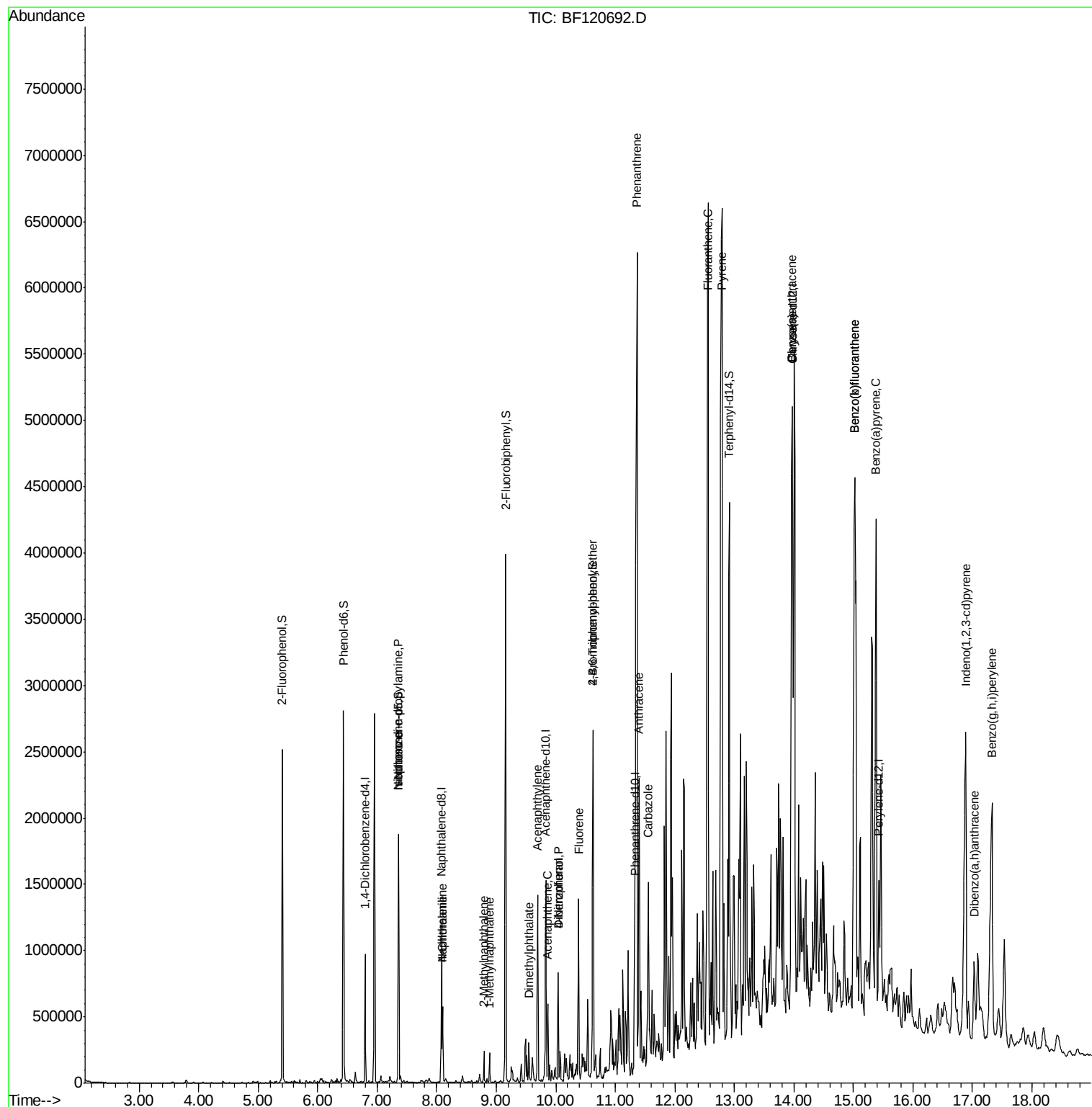
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	84279	13.718	ng	# 78
25) Isophorone	7.36	82	635016	33.077	ng	# 62
31) Naphthalene	8.10	128	215657	7.972	ng	# 99
33) 4-Chloroaniline	8.10	127	27395	2.206	ng	# 33
37) 2-Methylnaphthalene	8.79	142	61898	3.505	ng	100
38) 1-Methylnaphthalene	8.89	142	60675	3.651	ng	98
49) Acenaphthylene	9.69	152	563919	20.962	ng	98
50) Dimethylphthalate	9.55	163	113778	5.534	ng	99
52) Acenaphthene	9.86	154	120750	7.526	ng	100
55) Dibenzofuran	10.04	168	276882	11.255	ng	98
56) 4-Nitrophenol	10.04	139	96775	22.960	ng	# 12
58) Fluorene	10.38	166	348733	18.388	ng	99
67) 4-Bromophenyl-phenylether	10.63	248	19012	2.905	ng	# 1
71) Phenanthrene	11.36	178	3583865	125.010	ng	98
72) Anthracene	11.40	178	855172	29.593	ng	100
73) Carbazole	11.55	167	527487	18.440	ng	99
75) Fluoranthene	12.56	202	5110538	155.915	ng	98
78) Pyrene	12.79	202	4742449	187.928	ng	95
81) Benzo(a)anthracene	13.97	228	2700235	126.170	ng	# 90
83) Chrysene	13.97	228	2700235	123.002	ng	93
87) Indeno(1,2,3-cd)pyrene	16.89	276	2061070	75.595	ng	96
88) Benzo(b)fluoranthene	15.02	252	4401226	164.842	ng	97
89) Benzo(k)fluoranthene	15.02	252	4401226	186.291	ng	97
90) Benzo(a)pyrene	15.38	252	2502151	104.714	ng	96
91) Dibenzo(a,h)anthracene	17.03	278	412220	18.854	ng	94
92) Benzo(g,h,i)perylene	17.32	276	1998198	90.672	ng	100

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

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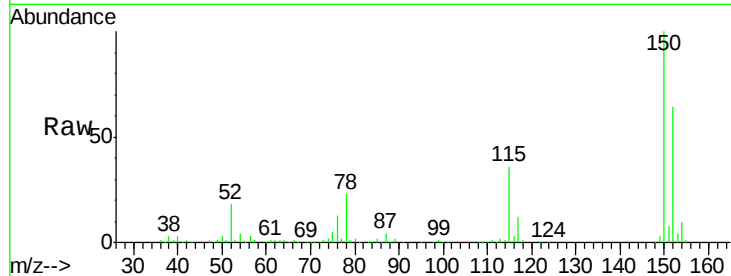


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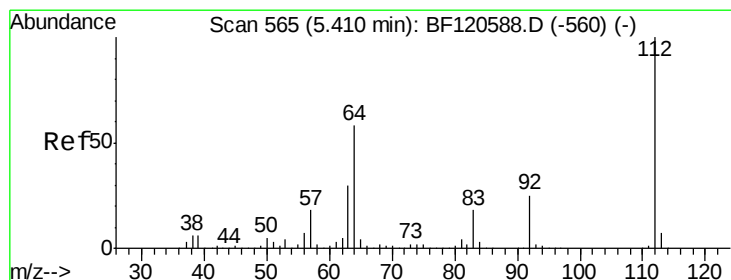
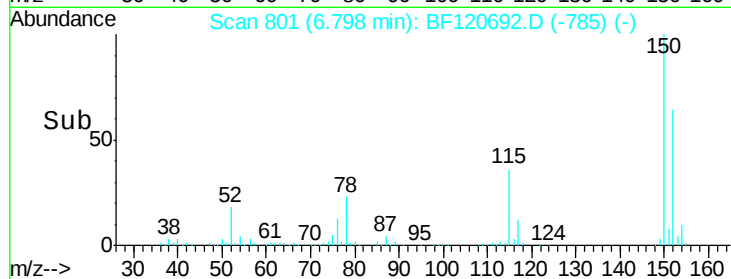
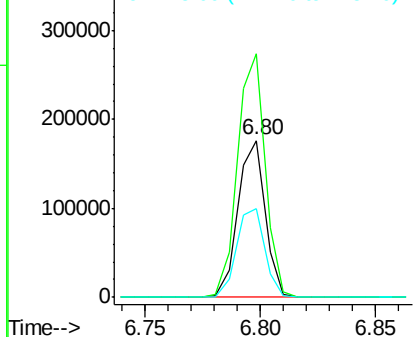
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120692.D
Acq: 22 Jun 2020 23:04

Instrument :
BNA_F
ClientSampleId :
SB-18

Tot Ion:152 Resp: 145793
Ion Ratio Lower Upper
152 100
150 155.2 123.2 184.8
115 56.5 43.9 65.9



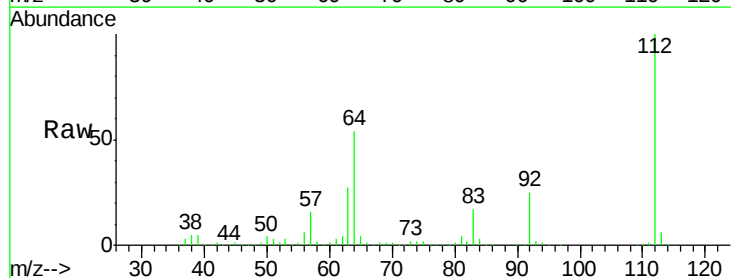
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



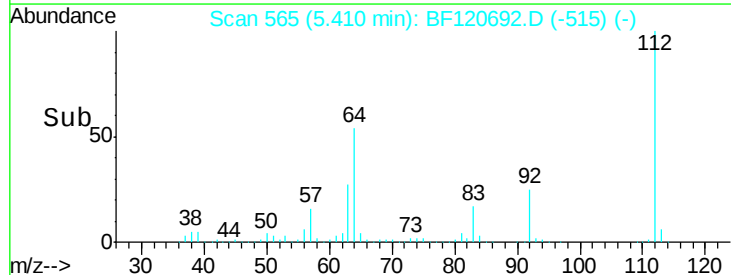
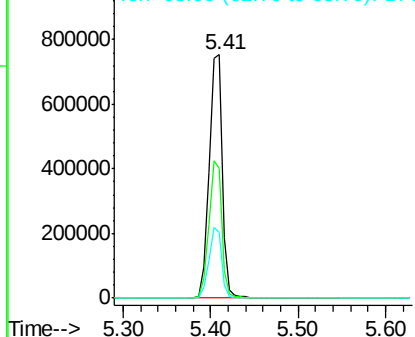
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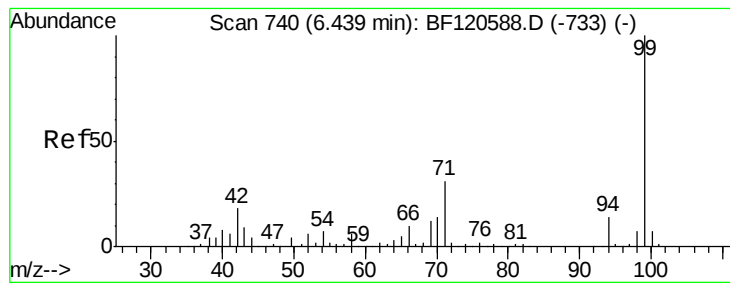
2-Fluorophenol
Concen: 93.111 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF120692.D
Acq: 22 Jun 2020 23:04

Tgt Ion:112 Resp: 791795
Ion Ratio Lower Upper
112 100
64 53.5 46.1 69.1
63 26.9 23.7 35.5



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: 96.019 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120692.D

Acq: 22 Jun 2020 23:04

Instrument :

BNA_F

ClientSampled :

SB-18

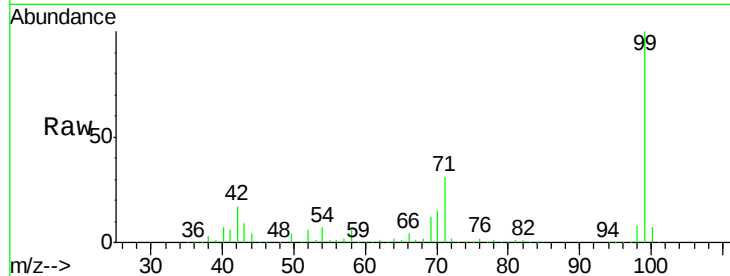
Tot Ion: 99 Resp: 1016981

Ion Ratio Lower Upper

99 100

42 17.3 14.0 21.0

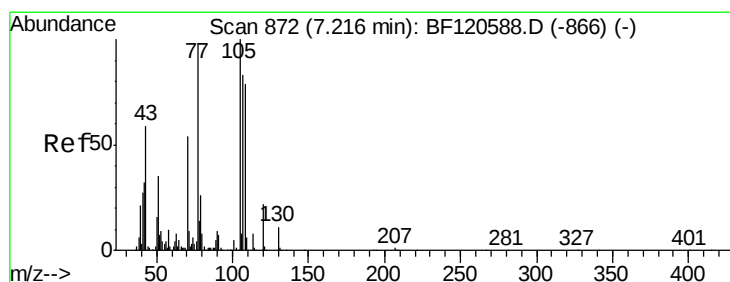
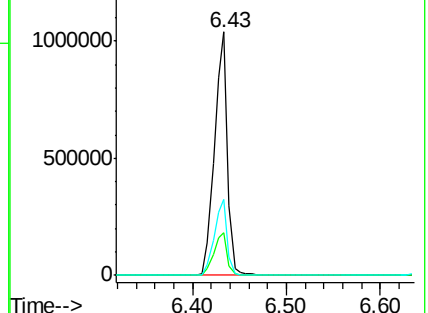
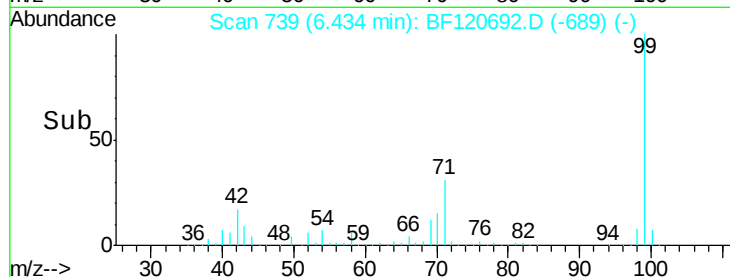
71 31.4 24.9 37.3



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: 13.718 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF120692.D

Acq: 22 Jun 2020 23:04

Tgt Ion: 70 Resp: 84279

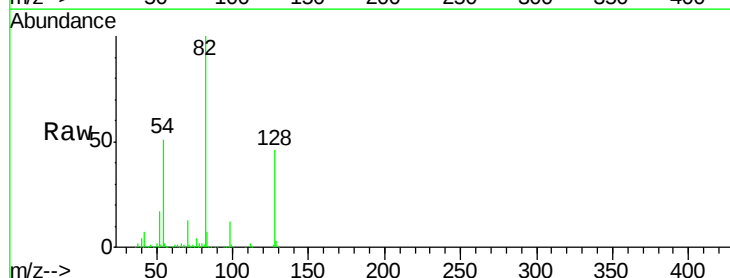
Ion Ratio Lower Upper

70 100

42 48.2 47.7 71.5

101 0.0 7.6 11.4#

130 2.5 16.7 25.1#

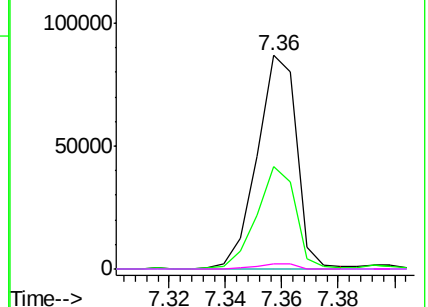
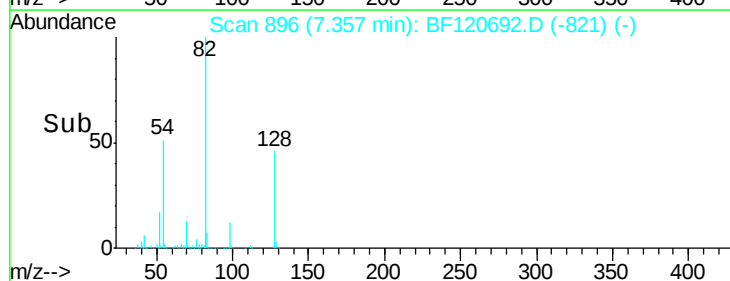


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

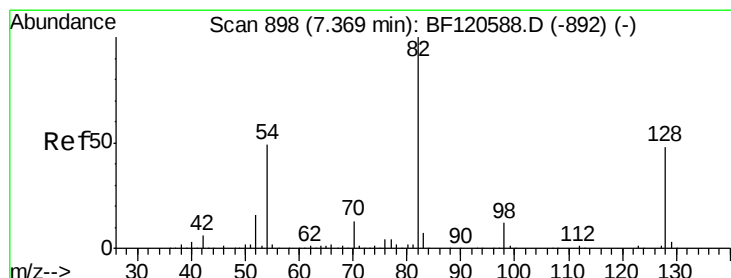
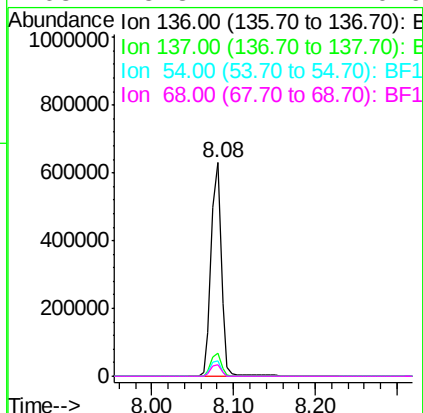
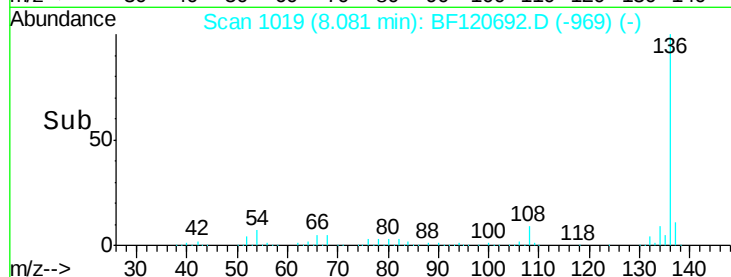
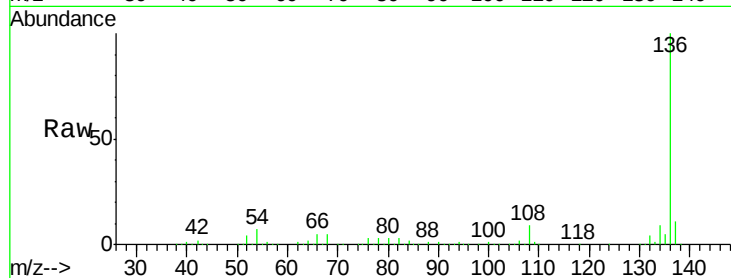




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF120692.D
Acq: 22 Jun 2020 23:04

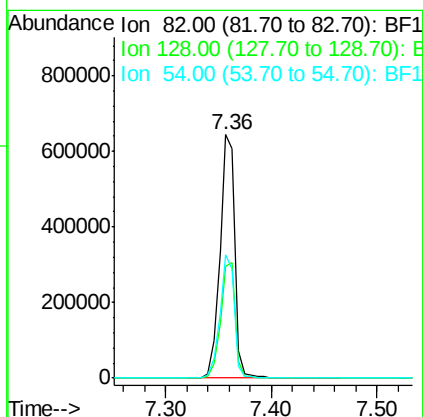
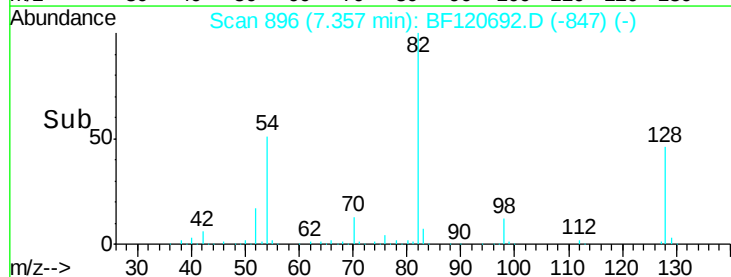
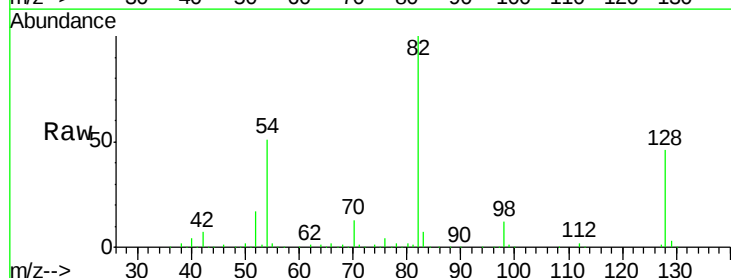
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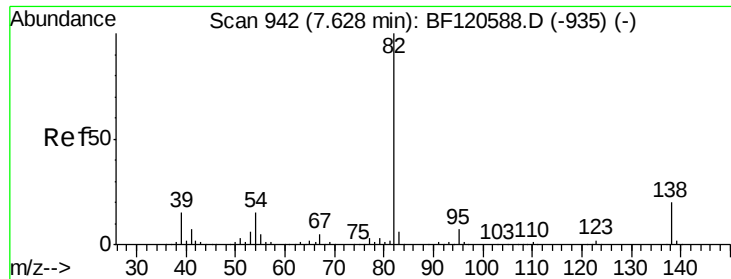
Tot Ion:136 Resp: 550896
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 6.9 5.8 8.6
68 5.3 4.4 6.6



#23
Nitrobenzene-d5
Concen: 64.951 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF120692.D
Acq: 22 Jun 2020 23:04

Tgt Ion: 82 Resp: 640135
Ion Ratio Lower Upper
82 100
128 45.8 38.0 57.0
54 50.7 38.8 58.2

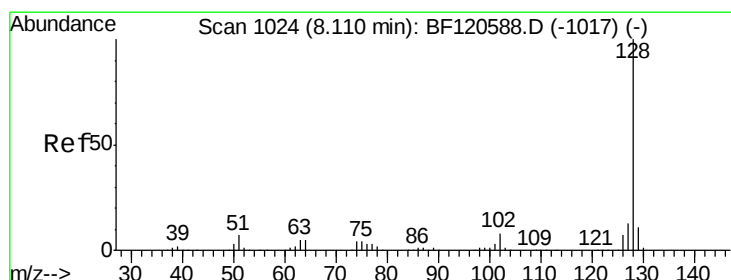
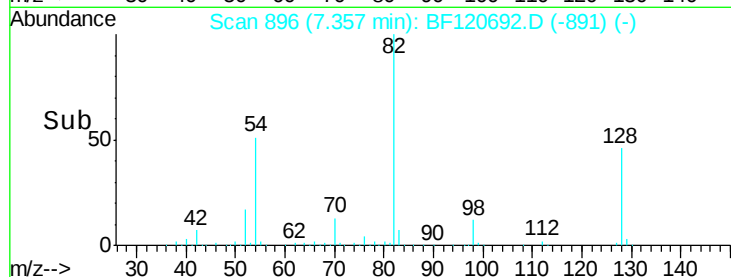
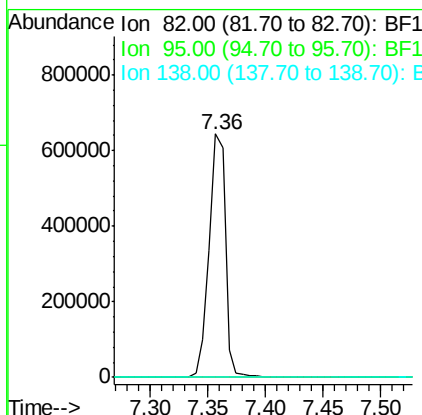
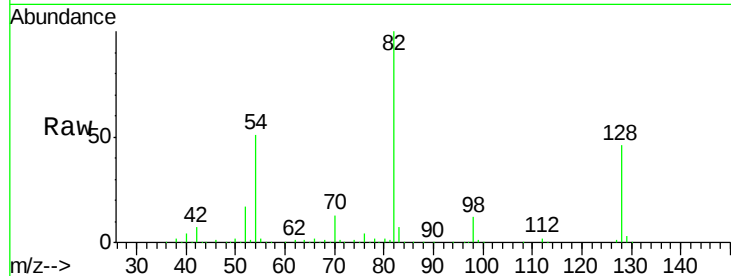




#25
Isophorone
Concen: 33.077 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.27 min
Lab File: BF120692.D
Acq: 22 Jun 2020 23:04

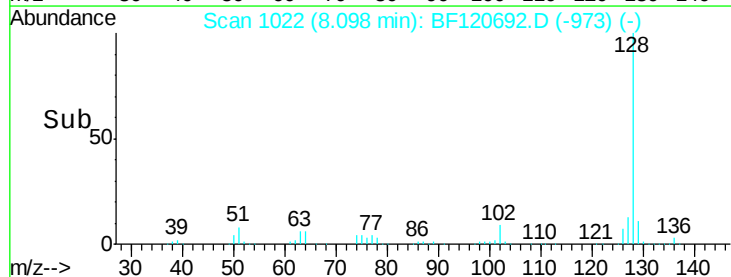
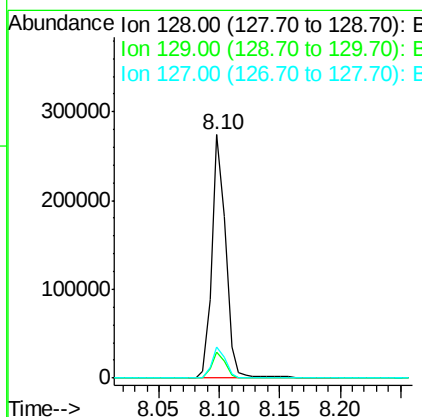
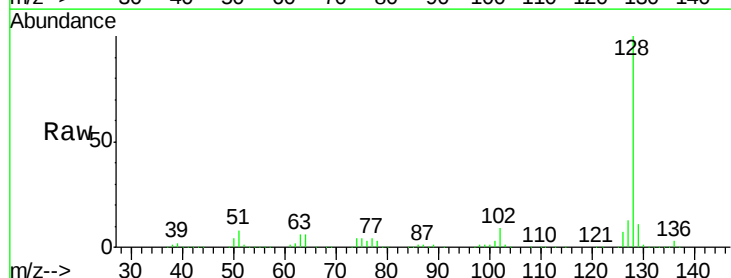
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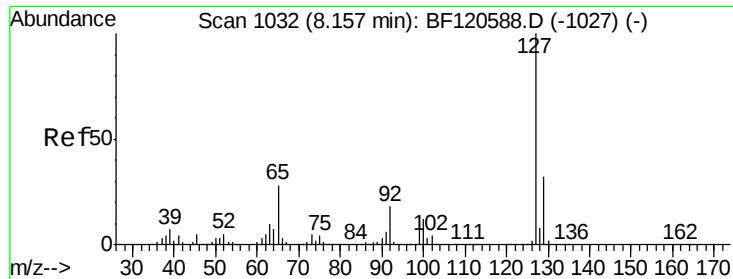
Tot Ion: 82 Resp: 635016
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 16.2 24.4#



#31
Naphthalene
Concen: 7.972 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF120692.D
Acq: 22 Jun 2020 23:04

Tgt Ion: 128 Resp: 215657
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.9 10.6 15.8

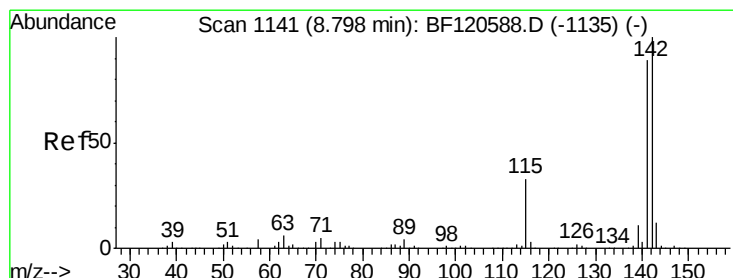
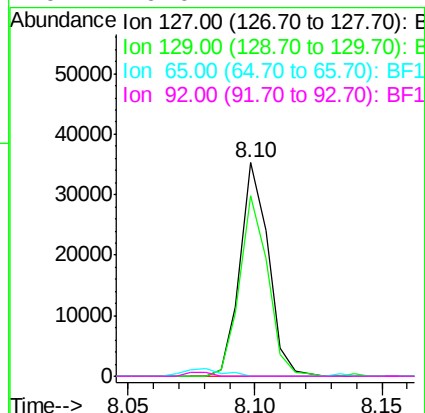
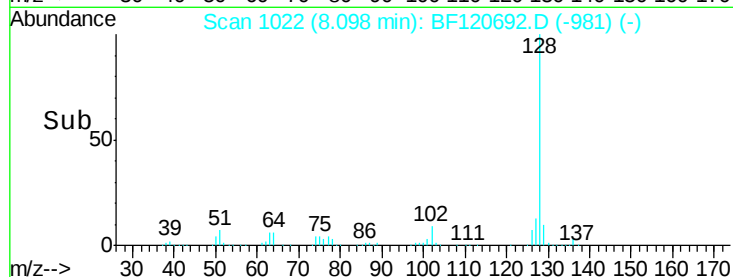
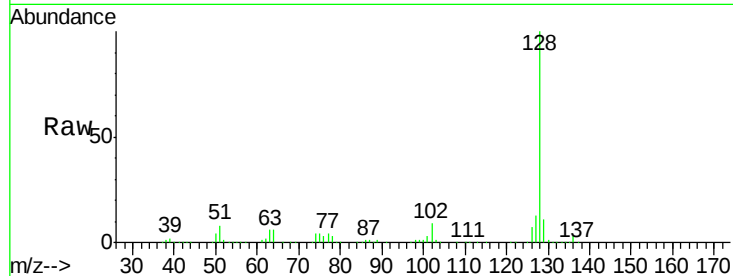




#33
4-Chloroaniline
Concen: 2.206 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.06 min
Lab File: BF120692.D
Acq: 22 Jun 2020 23:04

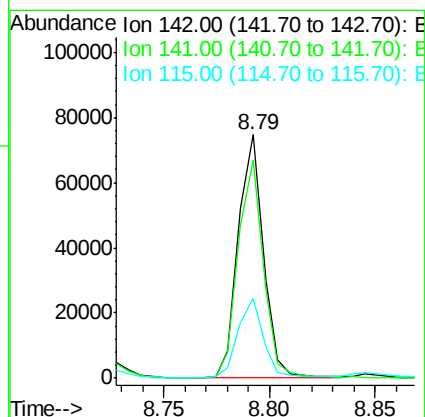
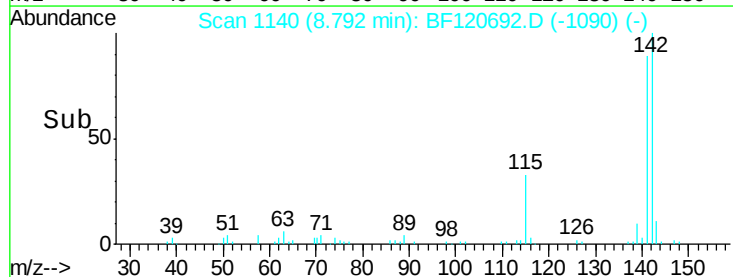
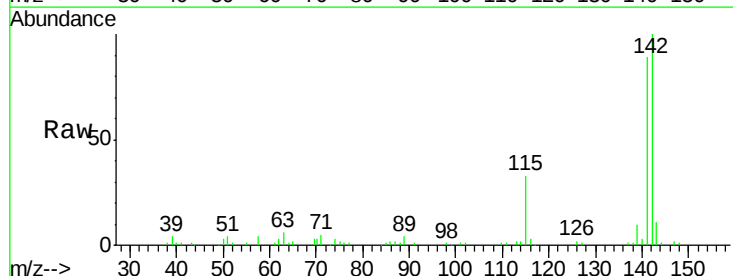
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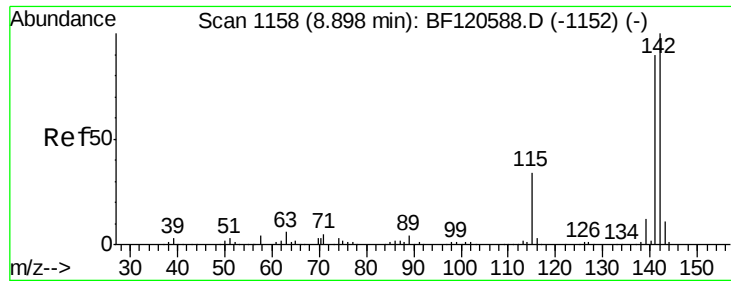
Tot Ion:	127	Resp:	27395
Ion	Ratio	Lower	Upper
127	100		
129	84.4	25.9	38.9#
65	0.0	22.2	33.4#
92	0.0	14.2	21.2#



#37
2-Methylnaphthalene
Concen: 3.505 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF120692.D
Acq: 22 Jun 2020 23:04

Tgt Ion:	142	Resp:	61898
Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.4	107.0
115	32.8	26.1	39.1

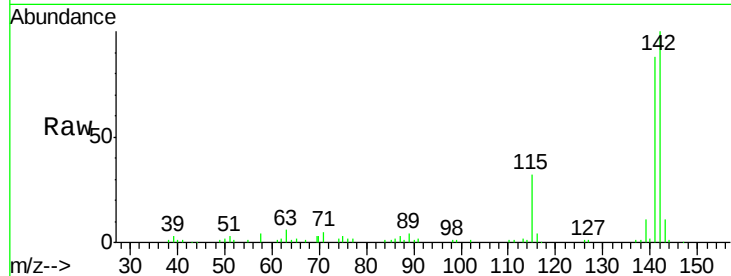




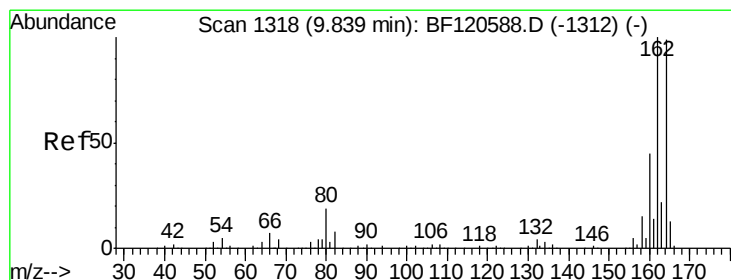
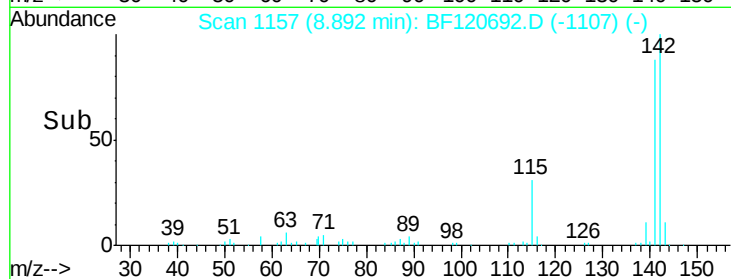
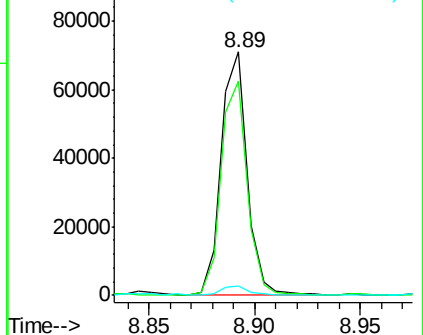
#38
1-Methylnaphthalene
Concen: 3.651 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF120692.D
Acq: 22 Jun 2020 23:04

Instrument :
BNA_F
ClientSampleId :
SB-18

Tot Ion:142 Resp: 60675
Ion Ratio Lower Upper
142 100
141 88.0 72.1 108.1
116 4.0 2.7 4.1

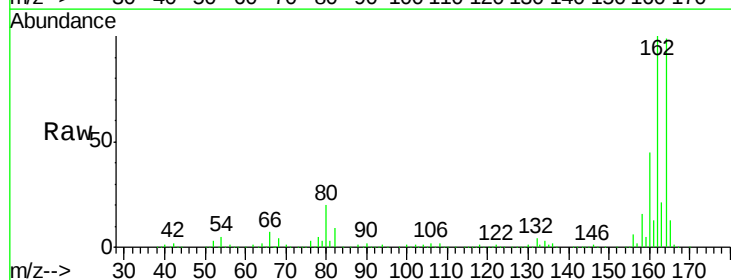


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

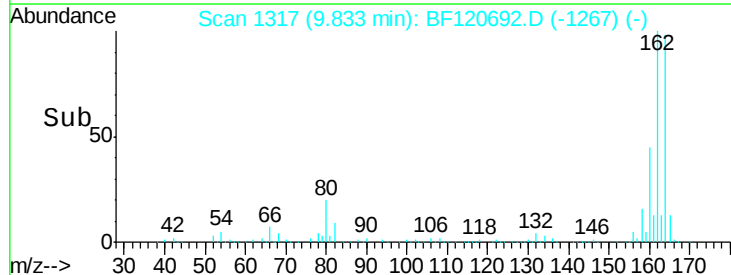
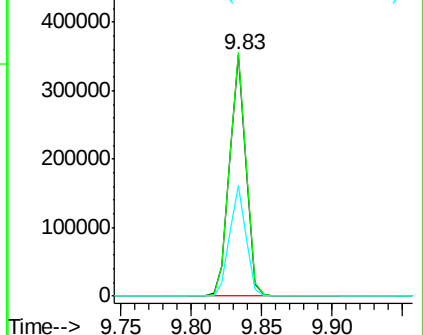


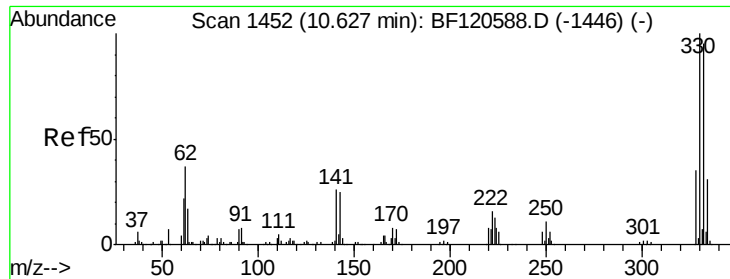
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF120692.D
Acq: 22 Jun 2020 23:04

Tgt Ion:164 Resp: 285475
Ion Ratio Lower Upper
164 100
162 100.9 80.6 120.8
160 45.7 36.2 54.2



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

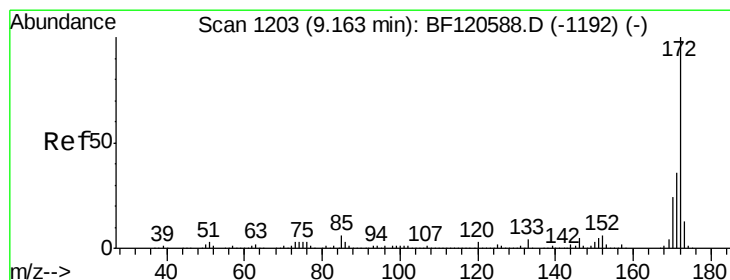
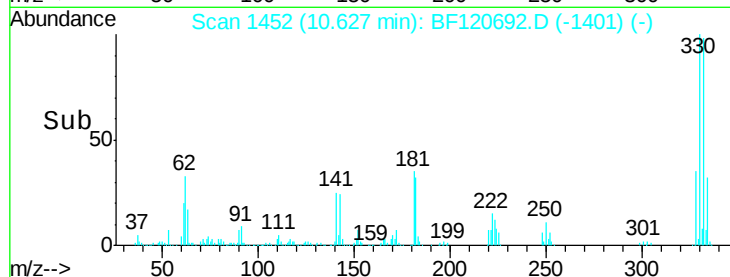
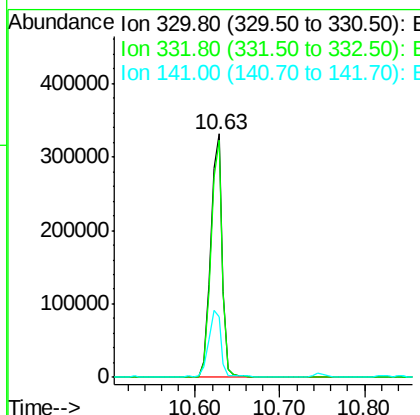
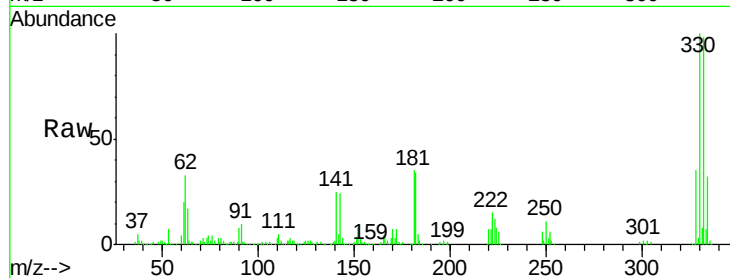




#42
 2,4,6-Tribromophenol
 Concen: 96.937 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BF120692.D
 Acq: 22 Jun 2020 23:04

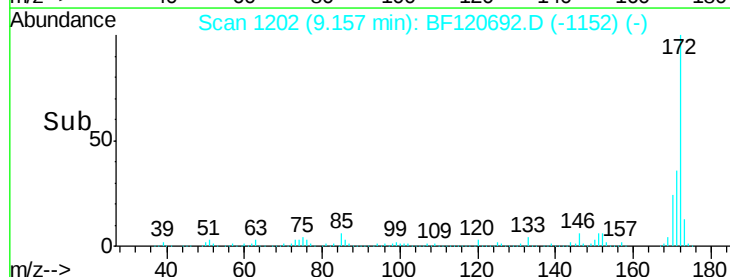
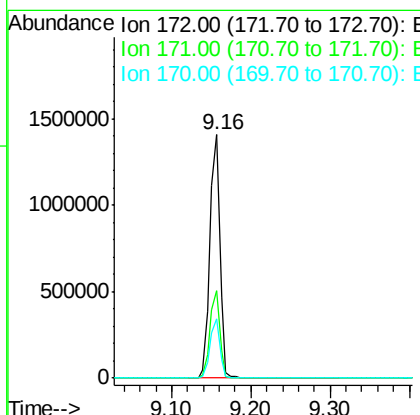
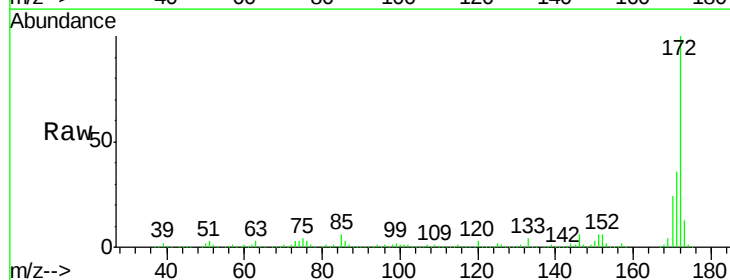
Instrument :
 BNA_F
 ClientSampleId :
 SB-18

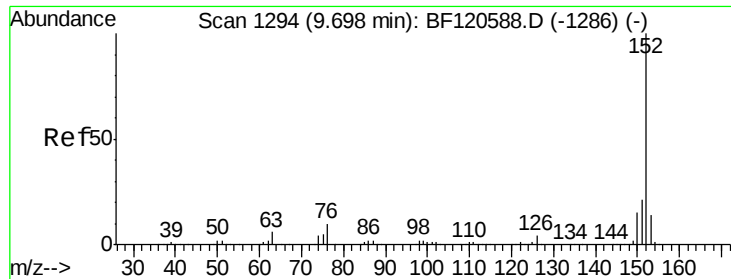
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.8	115.2
141	29.8	23.2	34.8



#45
 2-Fluorobiphenyl
 Concen: 66.431 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF120692.D
 Acq: 22 Jun 2020 23:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.4
170	24.3	19.4	29.2





#49

Acenaphthylene

Concen: 20.962 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF120692.D

Acq: 22 Jun 2020 23:04

Instrument :

BNA_F

ClientSampleId :

SB-18

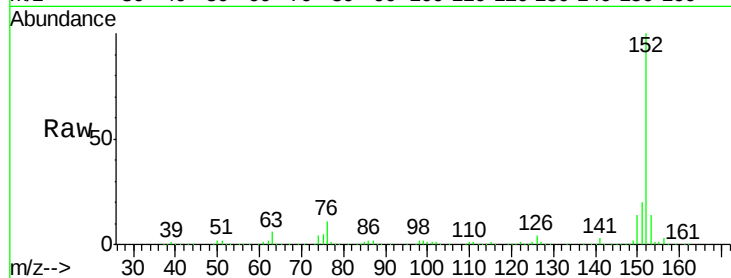
Tot Ion:152 Resp: 563919

Ion Ratio Lower Upper

152 100

151 19.8 16.6 25.0

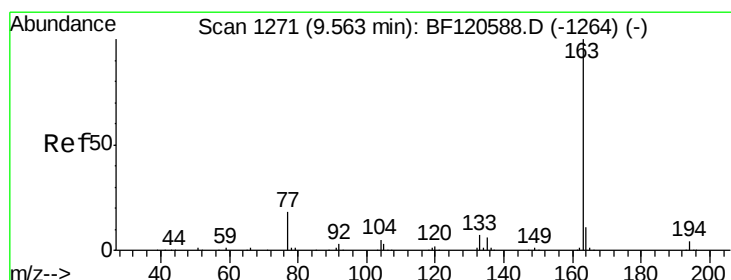
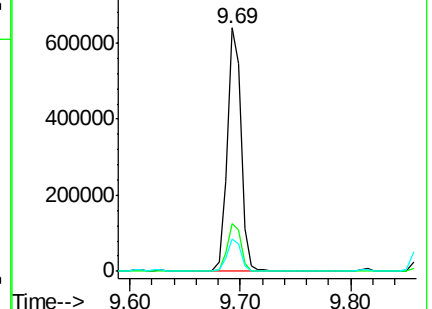
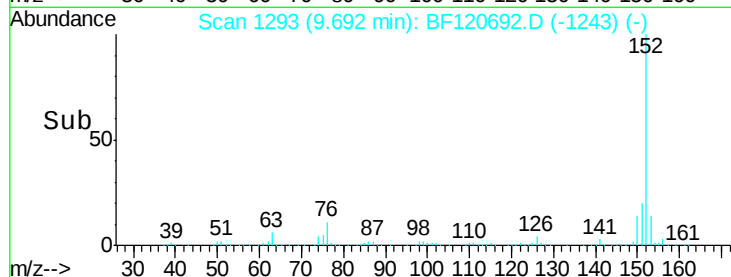
153 13.5 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 5.534 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF120692.D

Acq: 22 Jun 2020 23:04

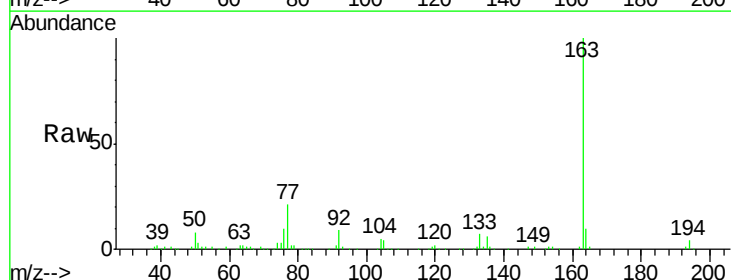
Tgt Ion:163 Resp: 113778

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

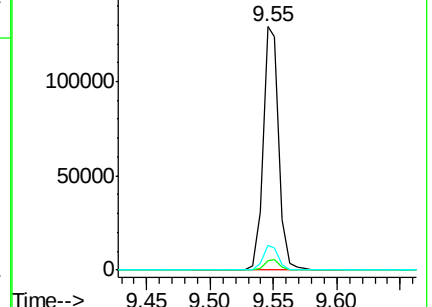
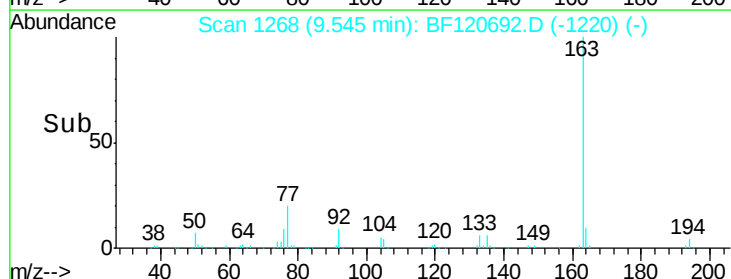
164 10.1 8.5 12.7

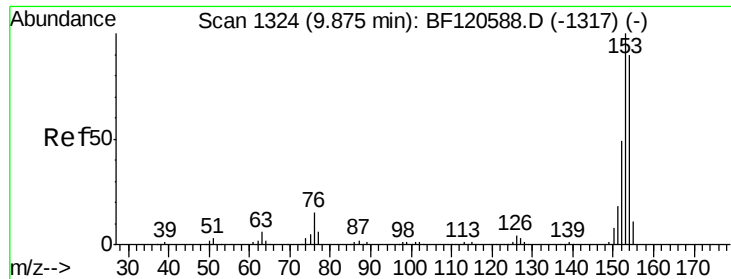


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#52

Acenaphthene

Concen: 7.526 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF120692.D

Acq: 22 Jun 2020 23:04

Instrument :

BNA_F

ClientSampleId :

SB-18

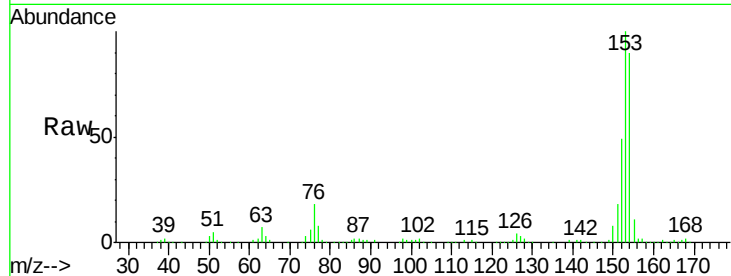
Tot Ion:154 Resp: 120750

Ion Ratio Lower Upper

154 100

153 111.3 89.1 133.7

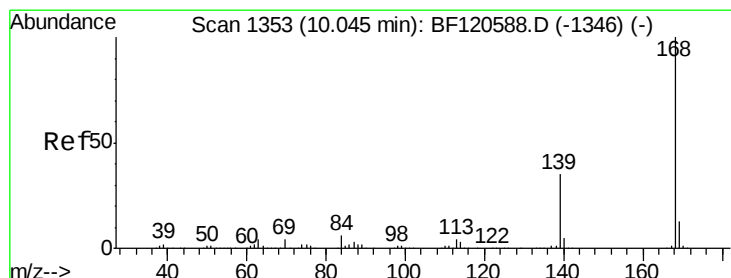
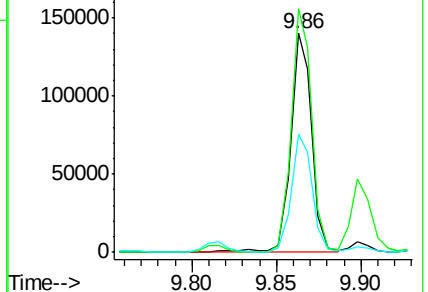
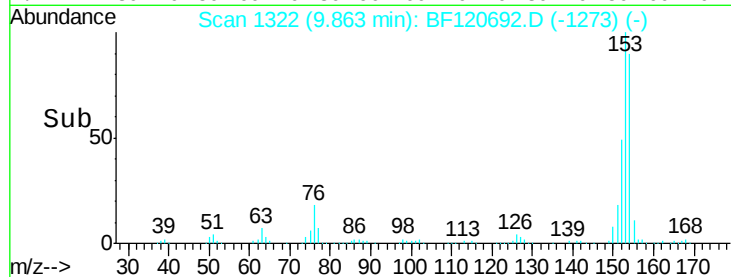
152 54.2 43.7 65.5



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: 11.255 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BF120692.D

Acq: 22 Jun 2020 23:04

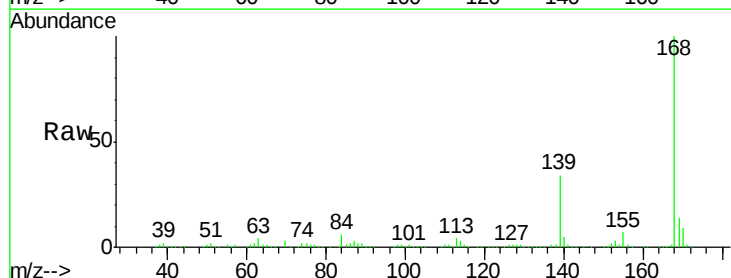
Tgt Ion:168 Resp: 276882

Ion Ratio Lower Upper

168 100

139 34.0 28.1 42.1

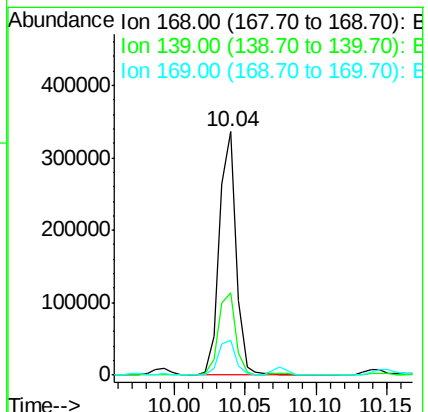
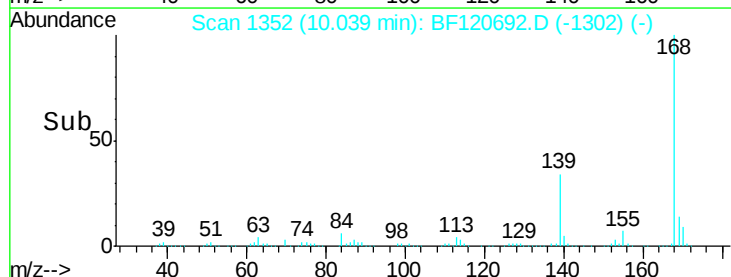
169 14.3 10.6 16.0

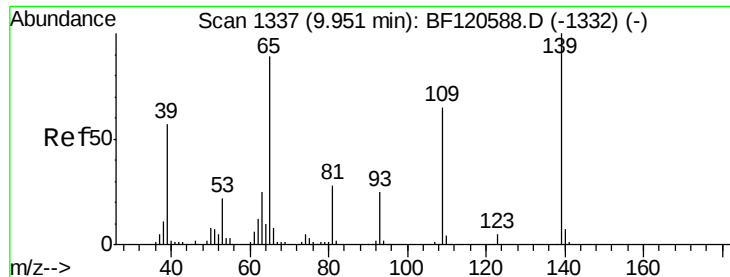


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

4-Nitrophenol

Concen: 22.960 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.09 min

Lab File: BF120692.D

Acq: 22 Jun 2020 23:04

Instrument :

BNA_F

ClientSampleId :

SB-18

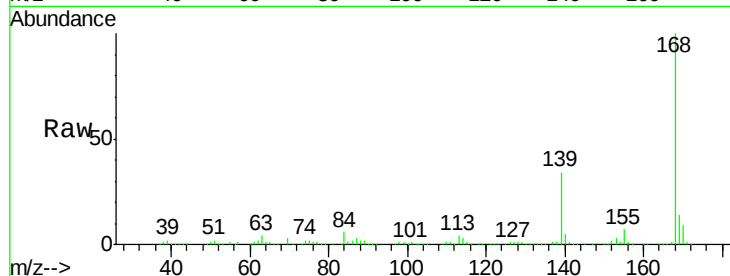
Tot Ion:139 Resp: 96775

Ion Ratio Lower Upper

139 100

109 1.1 44.6 84.6#

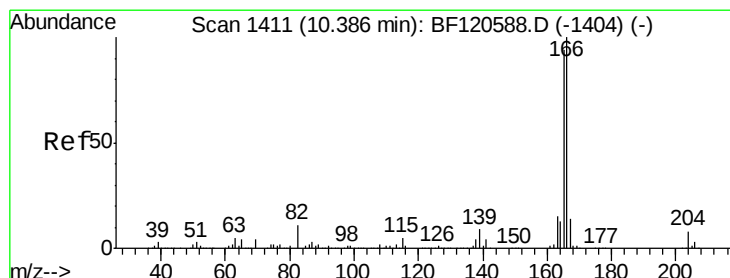
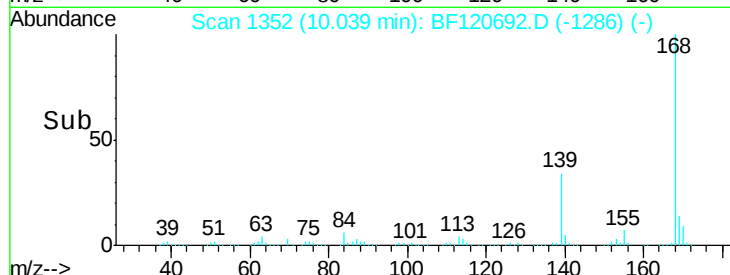
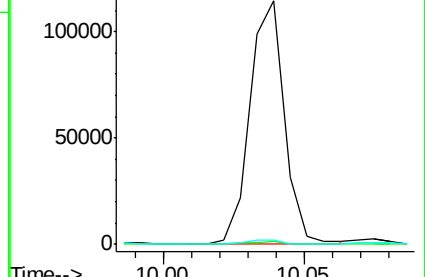
65 1.5 69.2 109.2#



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: 18.388 ng

RT: 10.38 min Scan# 1410

Delta R.T. -0.01 min

Lab File: BF120692.D

Acq: 22 Jun 2020 23:04

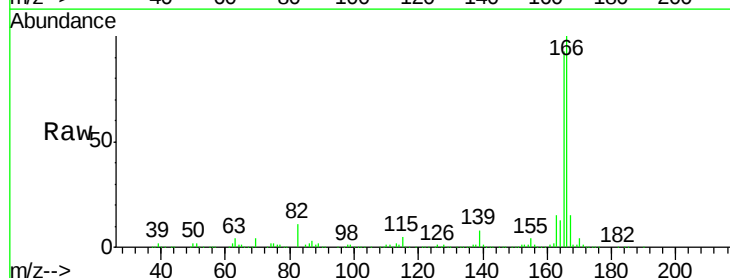
Tgt Ion:166 Resp: 348733

Ion Ratio Lower Upper

166 100

165 93.0 75.0 112.6

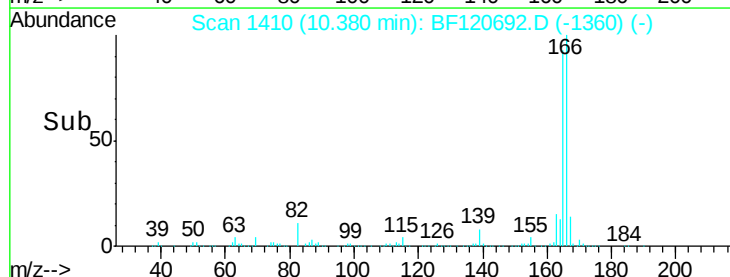
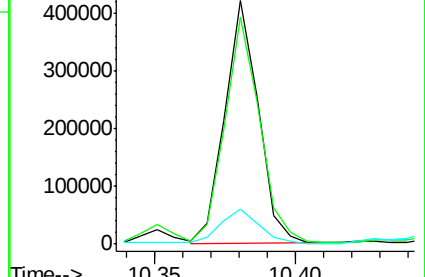
167 14.6 11.0 16.4

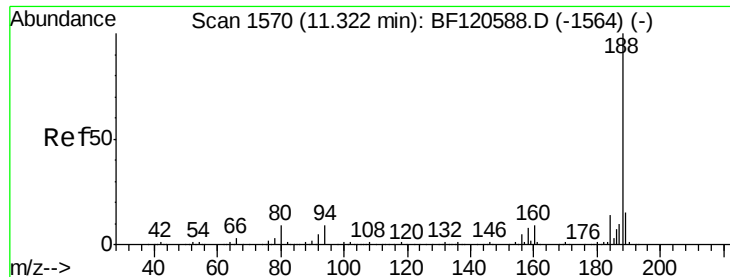


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

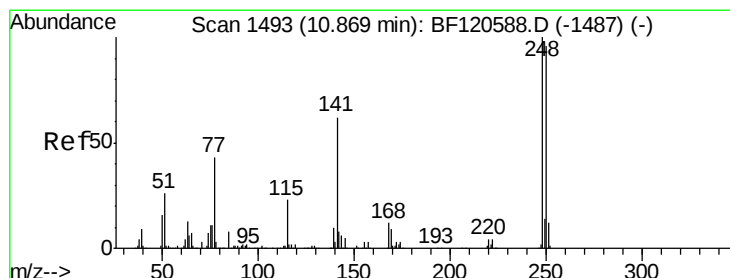
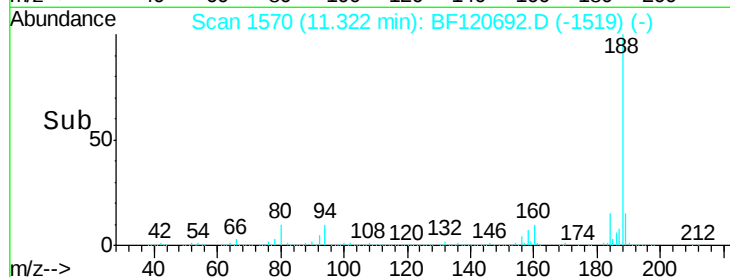
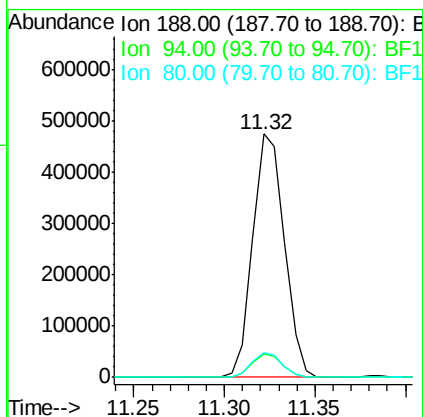
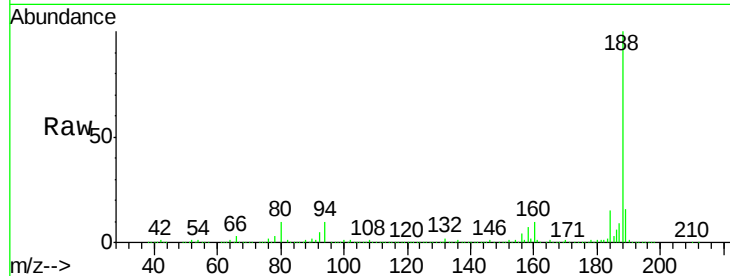




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BF120692.D
 Acq: 22 Jun 2020 23:04

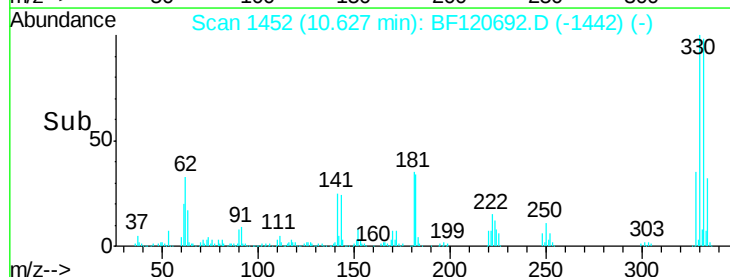
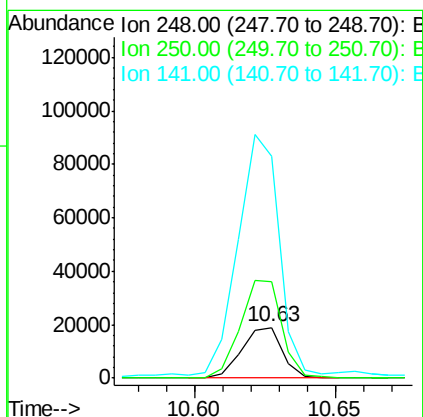
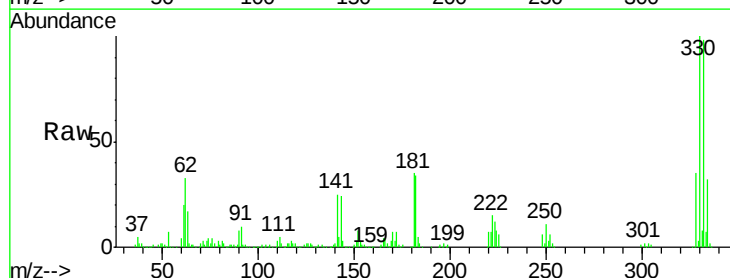
Instrument :
 BNA_F
 ClientSampled :
 SB-18

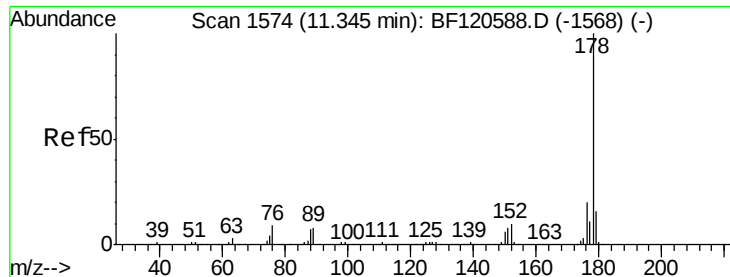
Tot Ion:188 Resp: 576722
 Ion Ratio Lower Upper
 188 100
 94 9.6 7.2 10.8
 80 10.1 7.4 11.2



#67
 4-Bromophenyl-phenylether
 Concen: 2.905 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.24 min
 Lab File: BF120692.D
 Acq: 22 Jun 2020 23:04

Tgt Ion:248 Resp: 19012
 Ion Ratio Lower Upper
 248 100
 250 190.5 76.7 115.1#
 141 438.1 49.4 74.0#

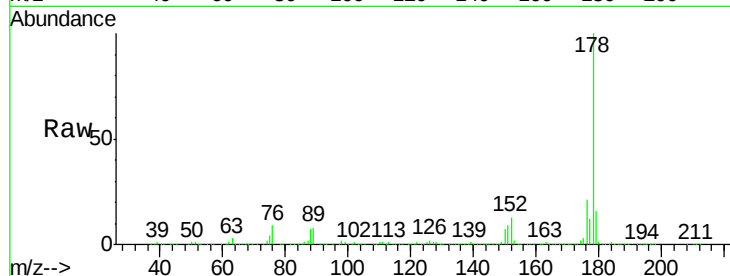




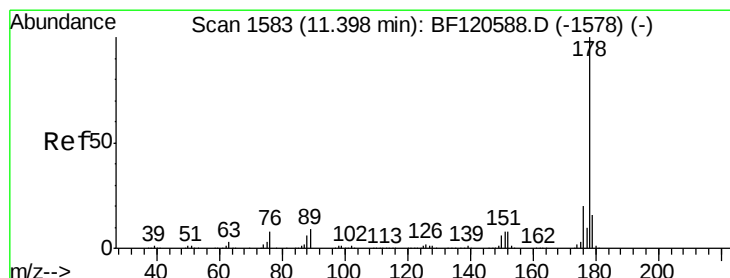
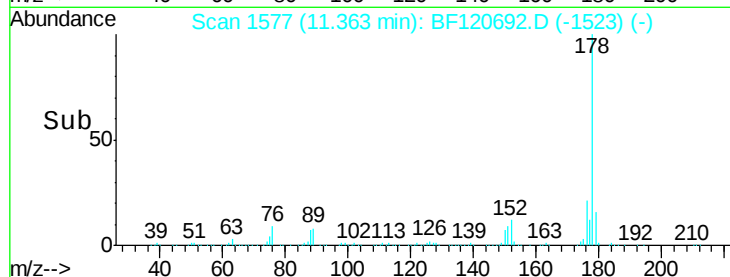
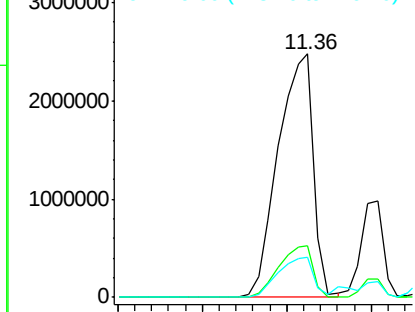
#71
Phenanthrene
Concen: 125.010 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.02 min
Lab File: BF120692.D
Acq: 22 Jun 2020 23:04

Instrument :
BNA_F
ClientSampleId :
SB-18

Tot Ion:178 Resp: 3583865
Ion Ratio Lower Upper
178 100
176 21.2 15.9 23.9
179 16.3 12.8 19.2

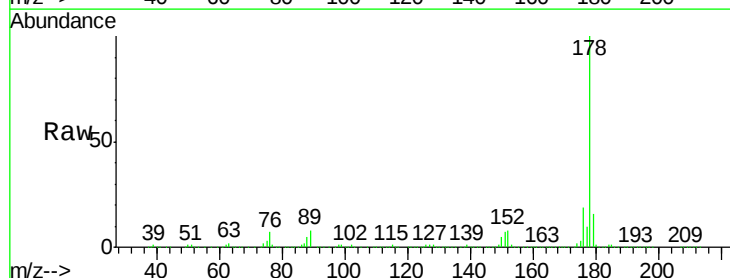


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

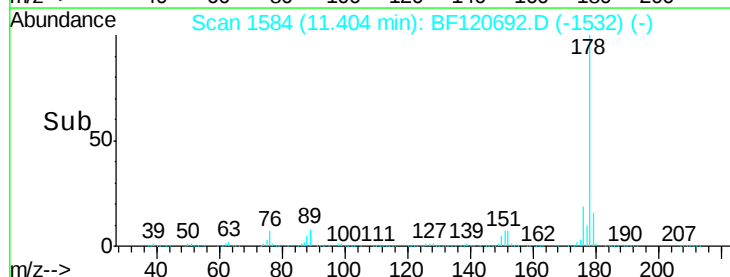
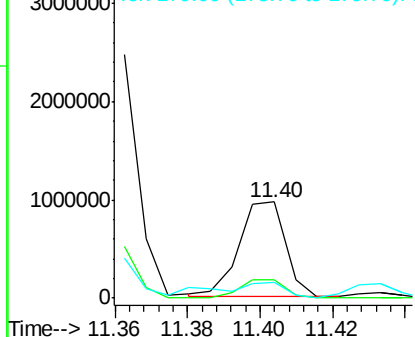


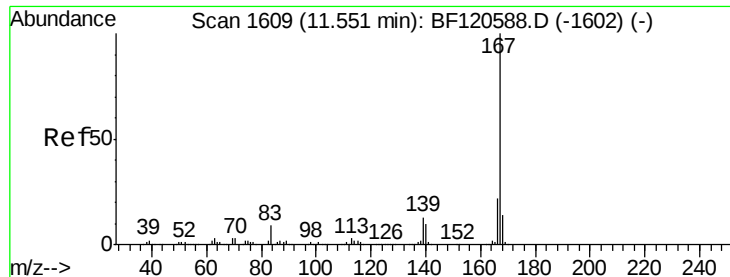
#72
Anthracene
Concen: 29.593 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF120692.D
Acq: 22 Jun 2020 23:04

Tgt Ion:178 Resp: 855172
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 16.0 12.9 19.3



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





#73

Carbazole

Concen: 18.440 ng

RT: 11.55 min Scan# 1609

Delta R.T. 0.00 min

Lab File: BF120692.D

Acq: 22 Jun 2020 23:04

Instrument :

BNA_F

ClientSampleId :

SB-18

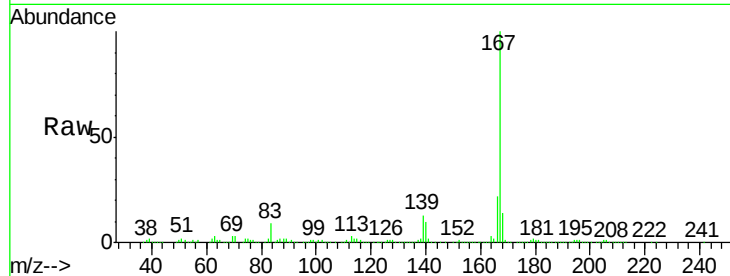
Tot Ion:167 Resp: 527487

Ion Ratio Lower Upper

167 100

166 22.0 17.2 25.8

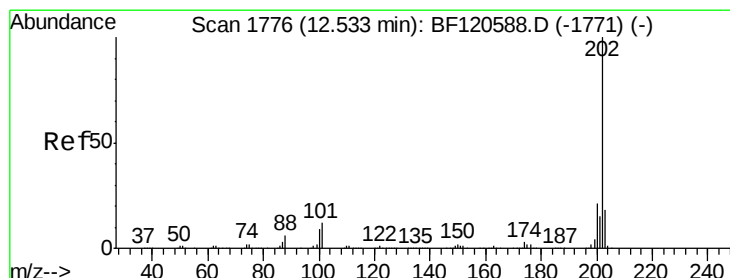
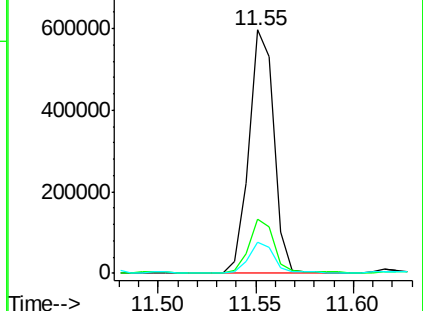
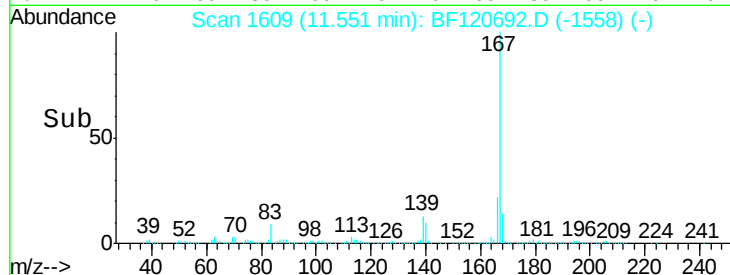
139 12.7 10.1 15.1



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: 155.915 ng

RT: 12.56 min Scan# 1781

Delta R.T. 0.03 min

Lab File: BF120692.D

Acq: 22 Jun 2020 23:04

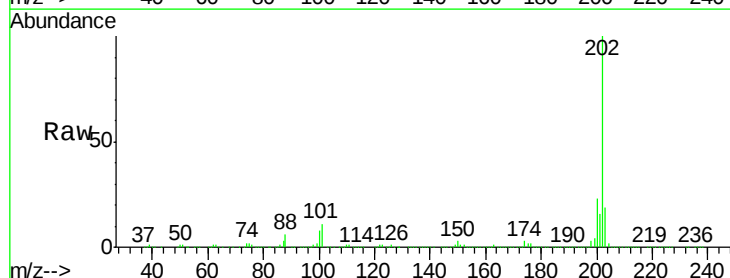
Tgt Ion:202 Resp: 5110538

Ion Ratio Lower Upper

202 100

101 10.8 0.0 32.0

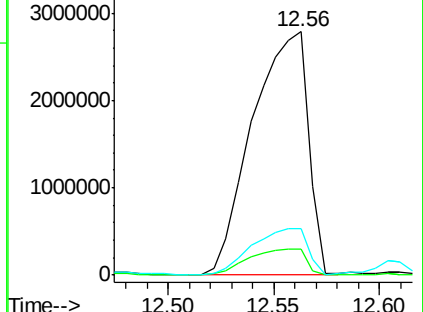
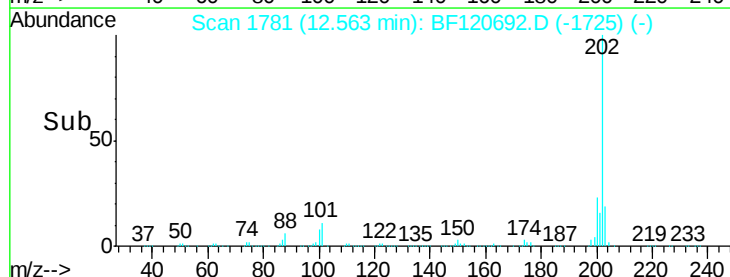
203 19.1 0.0 38.3

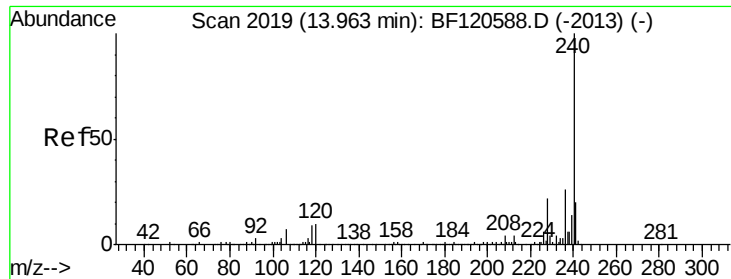


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

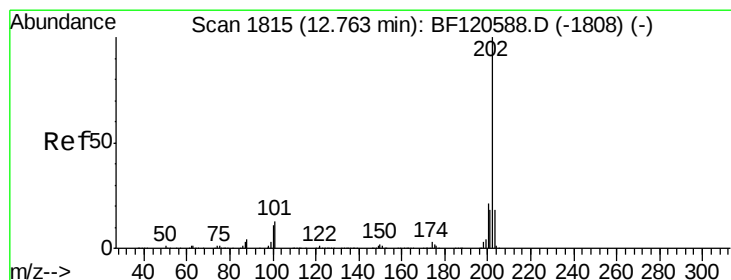
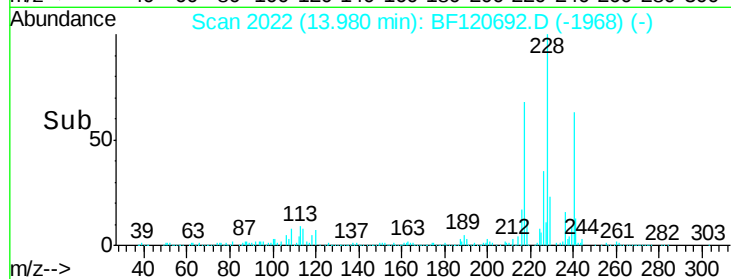
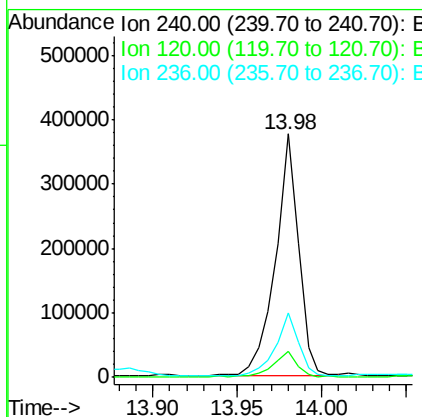
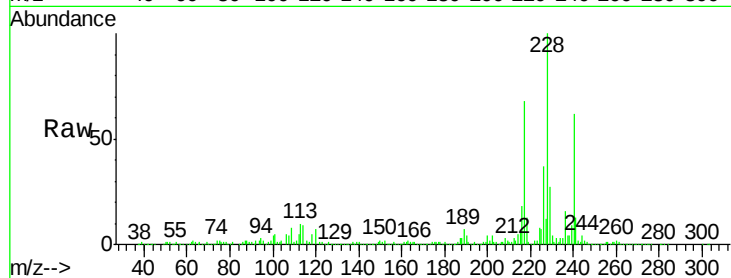




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.02 min
 Lab File: BF120692.D
 Acq: 22 Jun 2020 23:04

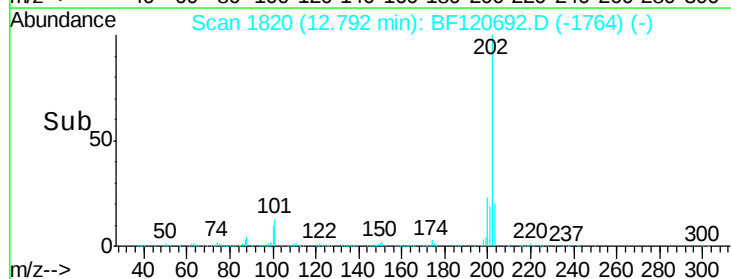
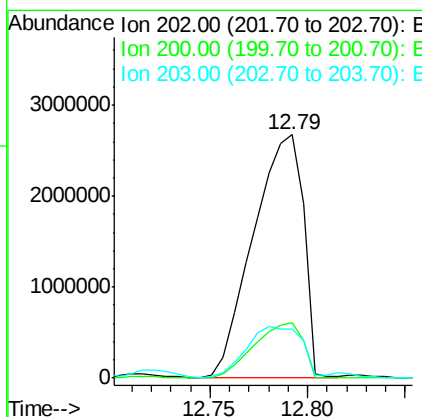
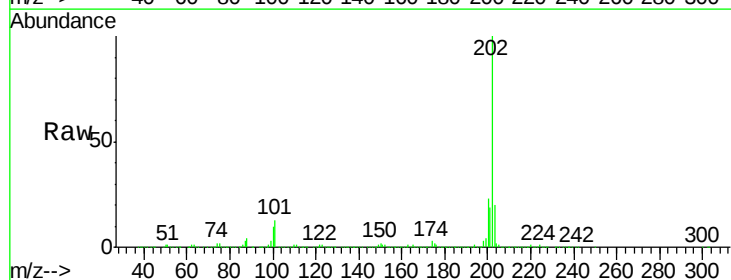
Instrument :
 BNA_F
 ClientSampleId :
 SB-18

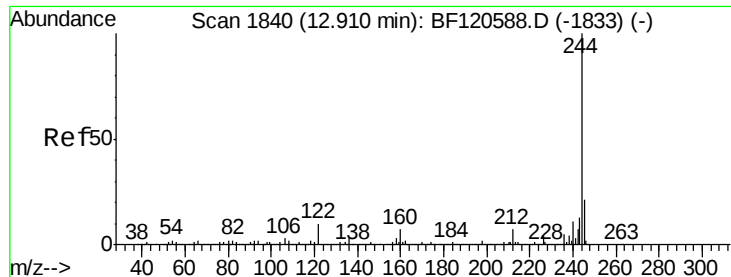
Tot Ion:240 Resp: 356223
 Ion Ratio Lower Upper
 240 100
 120 10.7 8.3 12.5
 236 26.5 21.0 31.4



#78
 Pyrene
 Concen: 187.928 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. 0.03 min
 Lab File: BF120692.D
 Acq: 22 Jun 2020 23:04

Tgt Ion:202 Resp: 4742449
 Ion Ratio Lower Upper
 202 100
 200 22.9 16.8 25.2
 203 20.1 14.3 21.5

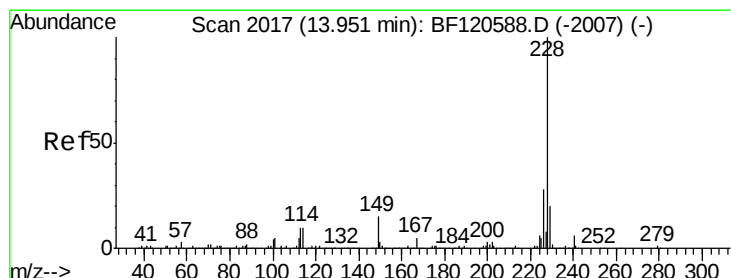
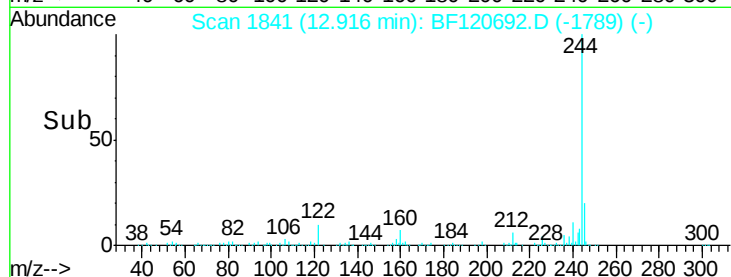
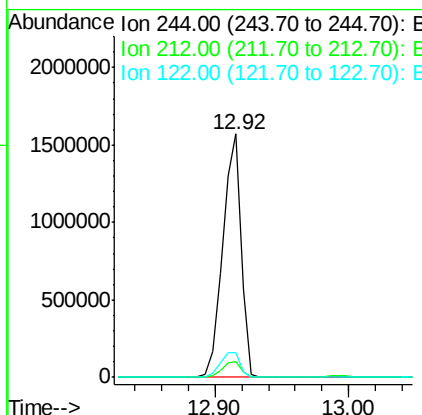
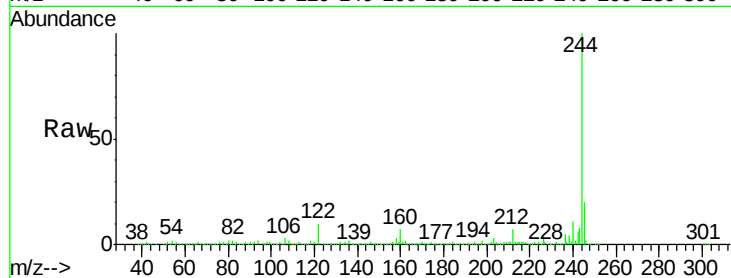




#79
 Terphenyl-d14
 Concen: 94.791 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.01 min
 Lab File: BF120692.D
 Acq: 22 Jun 2020 23:04

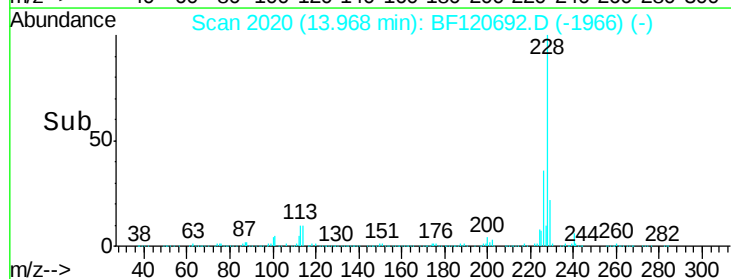
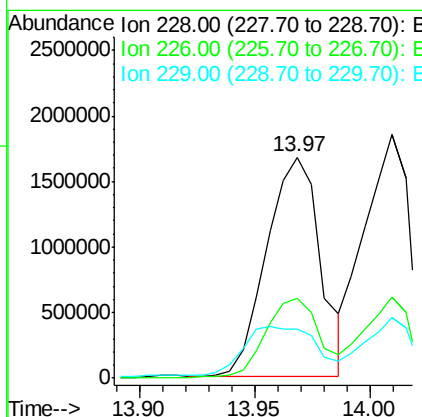
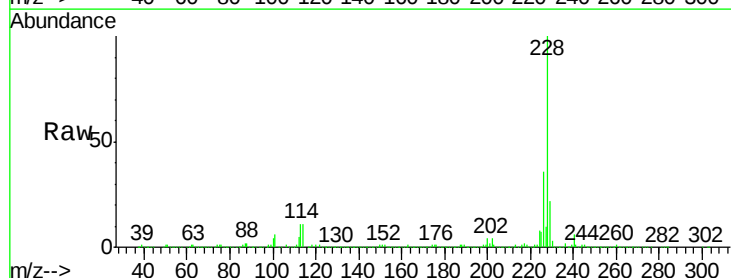
Instrument :
 BNA_F
 ClientSampleId :
 SB-18

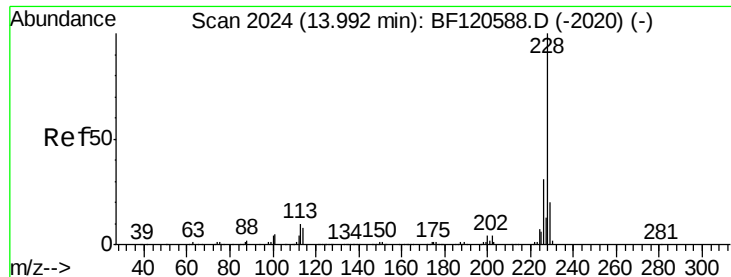
Tot Ion:244 Resp: 1528686
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 10.3 8.3 12.5



#81
 Benzo(a)anthracene
 Concen: 126.170 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.02 min
 Lab File: BF120692.D
 Acq: 22 Jun 2020 23:04

Tgt Ion:228 Resp: 2700235
 Ion Ratio Lower Upper
 228 100
 226 35.8 22.5 33.7#
 229 22.2 16.1 24.1

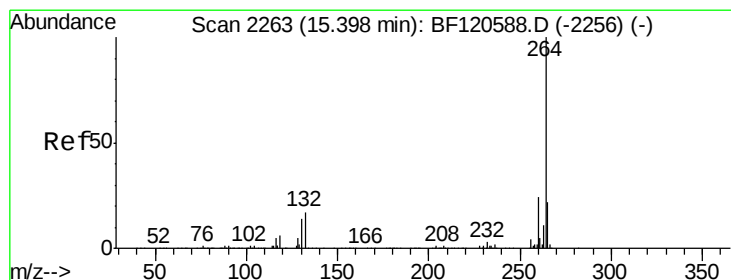
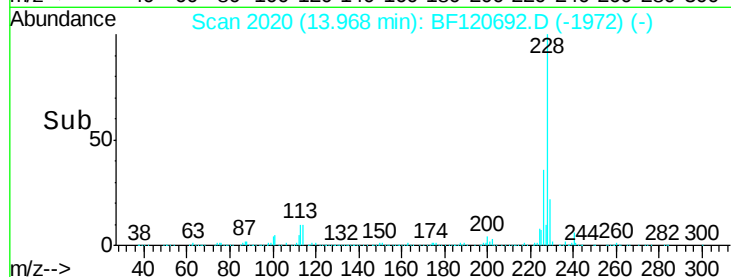
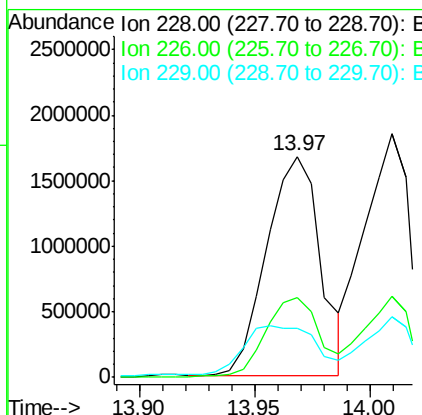
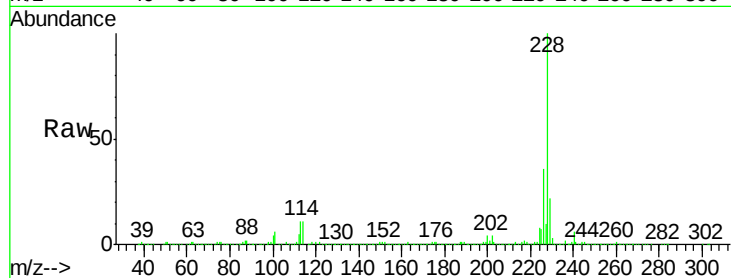




#83
Chrysene
Concen: 123.002 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.02 min
Lab File: BF120692.D
Acq: 22 Jun 2020 23:04

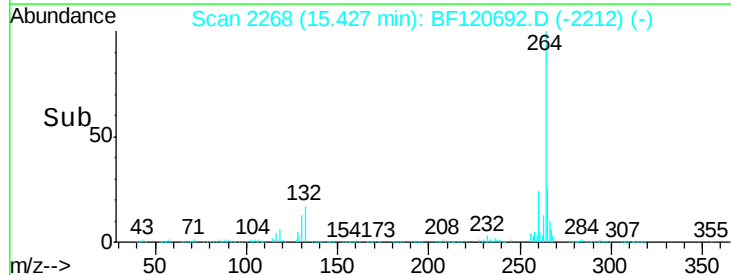
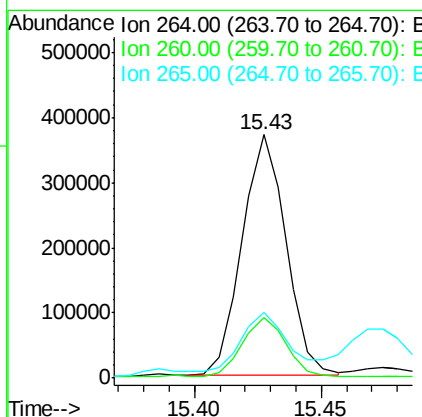
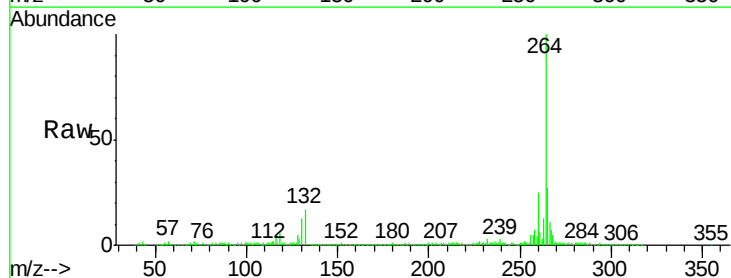
Instrument :
BNA_F
ClientSampleID :
SB-18

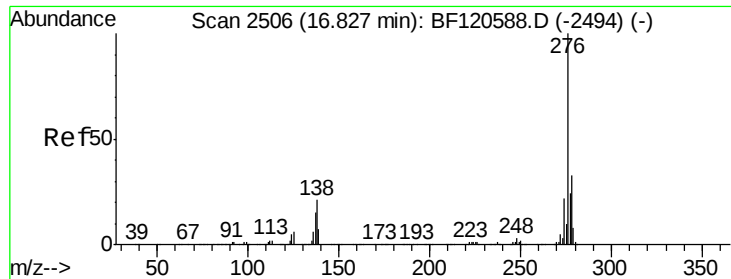
Tot Ion:228 Resp: 2700235
Ion Ratio Lower Upper
228 100
226 35.8 24.9 37.3
229 22.2 16.1 24.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.03 min
Lab File: BF120692.D
Acq: 22 Jun 2020 23:04

Tgt Ion:264 Resp: 448223
Ion Ratio Lower Upper
264 100
260 25.0 19.3 28.9
265 26.8 17.8 26.8#

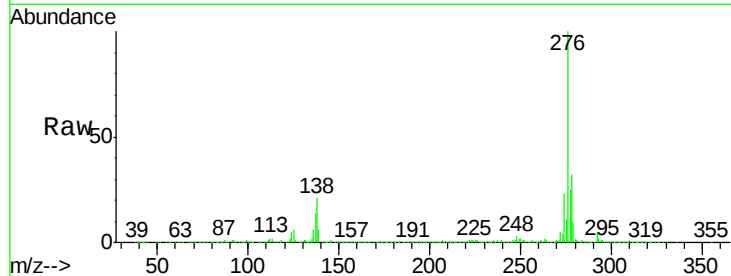




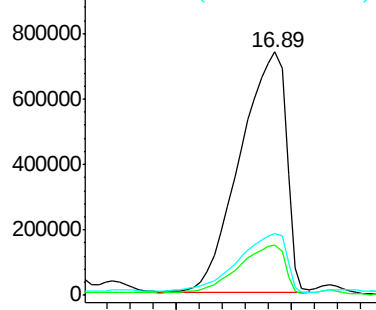
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 75.595 ng
 RT: 16.89 min Scan# 2516
 Delta R.T. 0.06 min
 Lab File: BF120692.D
 Acq: 22 Jun 2020 23:04

Instrument :
 BNA_F
 ClientSampled :
 SB-18

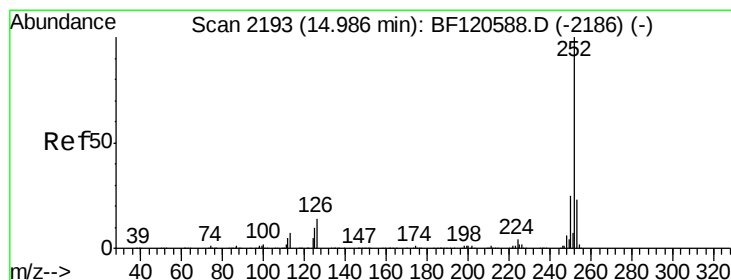
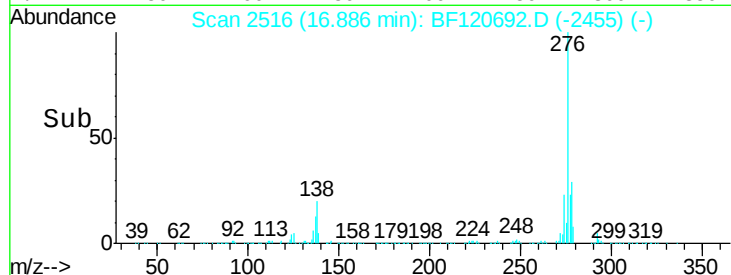
Tot Ion:276 Resp: 2061070
 Ion Ratio Lower Upper
 276 100
 138 20.4 18.9 28.3
 277 26.2 20.2 30.2



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

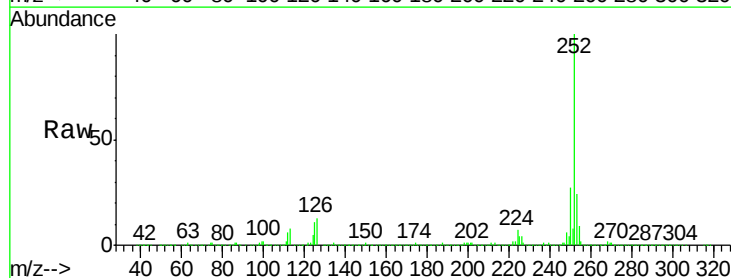


Time-->

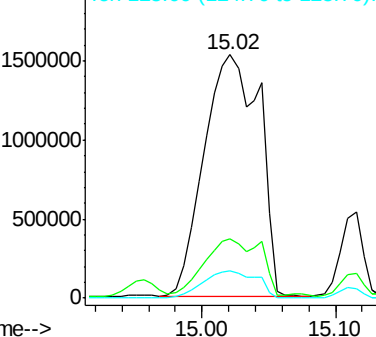


#88
 Benzo(b)fluoranthene
 Concen: 164.842 ng
 RT: 15.02 min Scan# 2199
 Delta R.T. 0.04 min
 Lab File: BF120692.D
 Acq: 22 Jun 2020 23:04

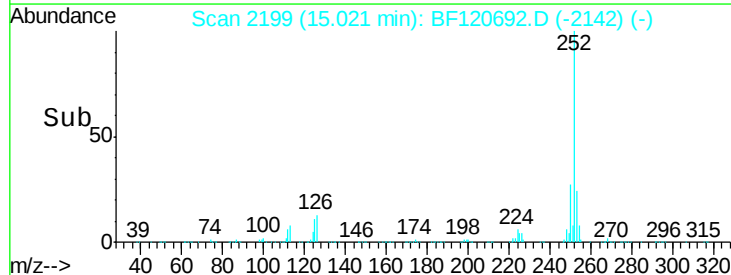
Tgt Ion:252 Resp: 4401226
 Ion Ratio Lower Upper
 252 100
 253 24.1 18.1 27.1
 125 11.0 8.3 12.5

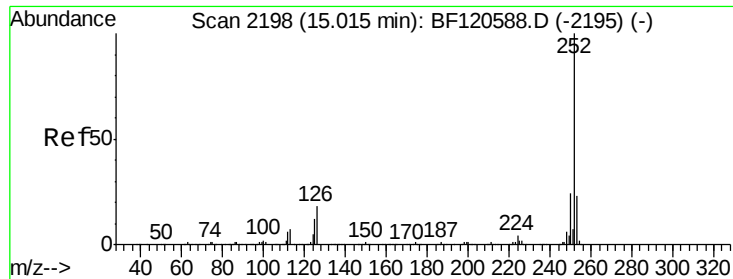


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E



Time-->

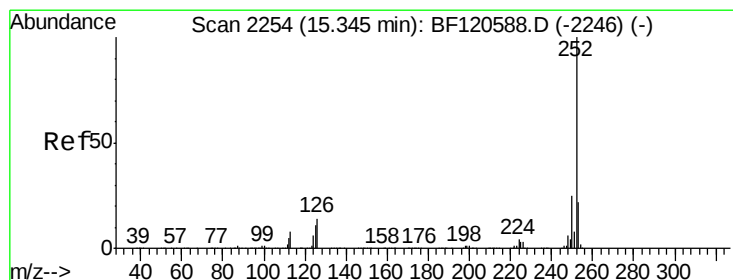
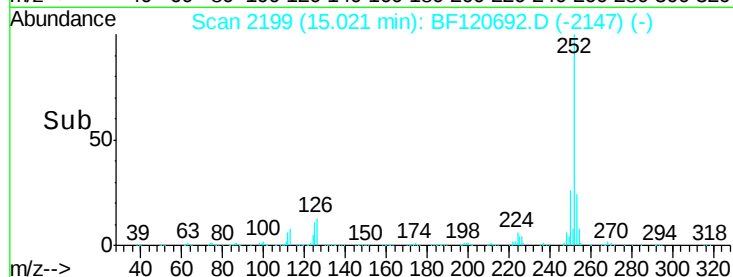
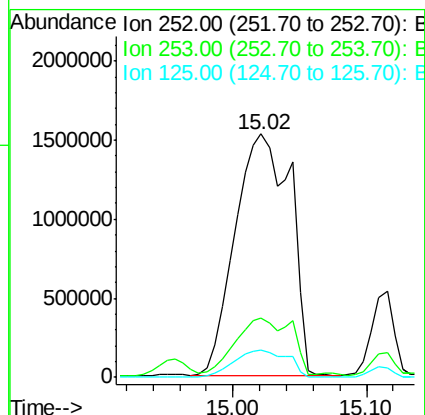
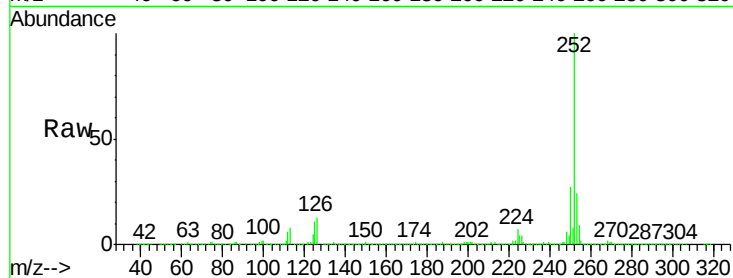




#89
Benzo(k)fluoranthene
Concen: 186.291 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF120692.D
Acq: 22 Jun 2020 23:04

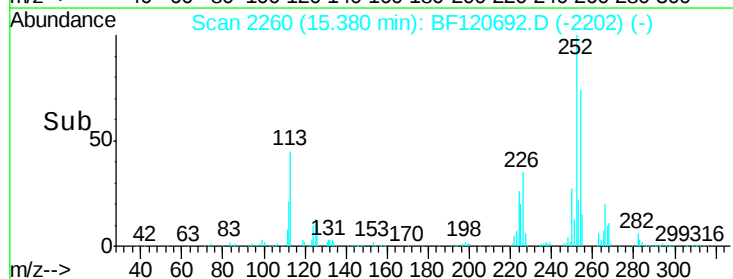
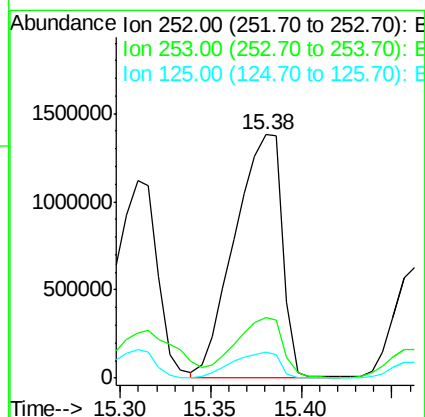
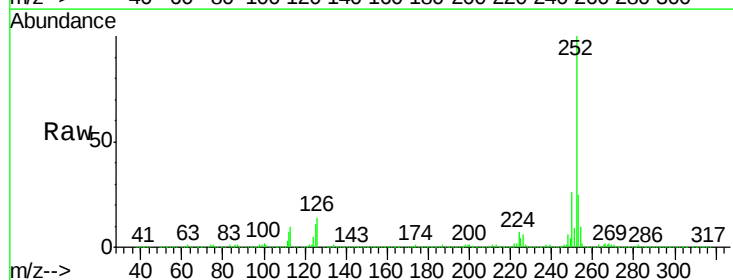
Instrument :
BNA_F
ClientSampleId :
SB-18

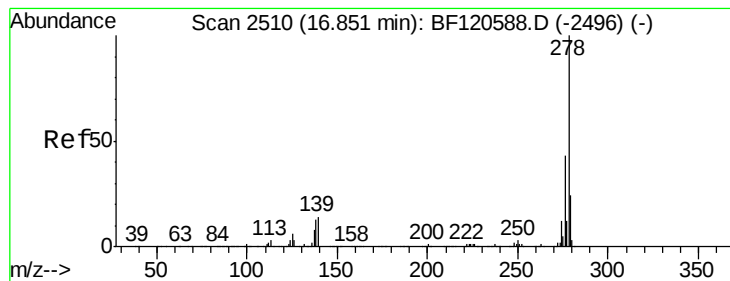
Tot Ion:252 Resp: 4401226
Ion Ratio Lower Upper
252 100
253 24.1 18.0 27.0
125 11.0 8.3 12.5



#90
Benzo(a)pyrene
Concen: 104.714 ng
RT: 15.38 min Scan# 2260
Delta R.T. 0.04 min
Lab File: BF120692.D
Acq: 22 Jun 2020 23:04

Tgt Ion:252 Resp: 2502151
Ion Ratio Lower Upper
252 100
253 25.1 17.8 26.8
125 10.8 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 18.854 ng

RT: 17.03 min Scan# 2540

Delta R.T. 0.18 min

Lab File: BF120692.D

Acq: 22 Jun 2020 23:04

Instrument :

BNA_F

ClientSampled :

SB-18

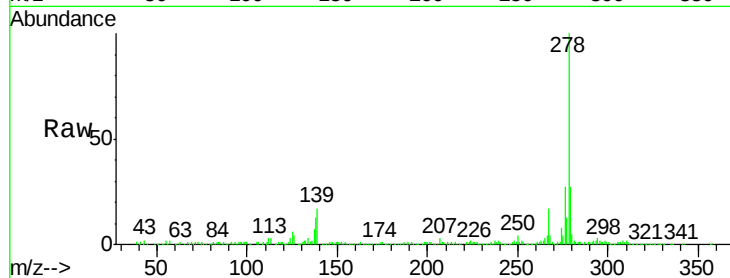
Tot Ion:278 Resp: 412220

Ion Ratio Lower Upper

278 100

139 16.6 11.4 17.2

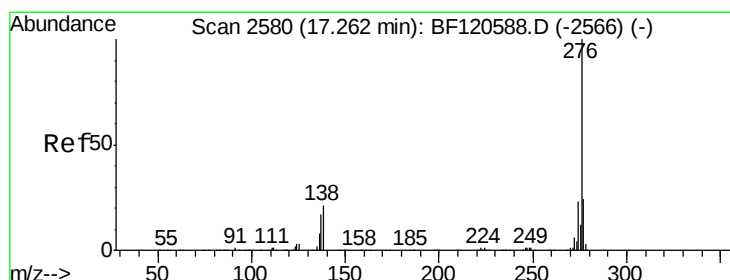
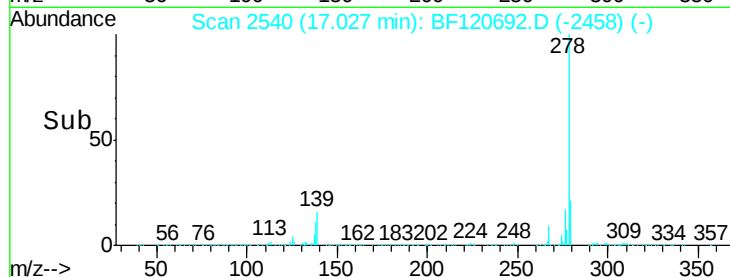
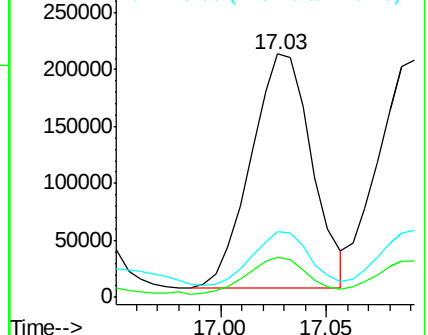
279 27.1 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 90.672 ng

RT: 17.32 min Scan# 2590

Delta R.T. 0.06 min

Lab File: BF120692.D

Acq: 22 Jun 2020 23:04

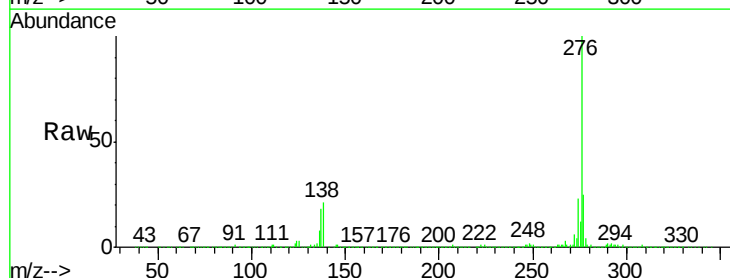
Tgt Ion:276 Resp: 1998198

Ion Ratio Lower Upper

276 100

277 24.7 19.6 29.4

138 20.8 16.5 24.7



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

