

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
 Data File : BF120492.D
 Acq On : 2 Jun 2020 14:02
 Operator : JU/CG
 Sample : L2814-01 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 02 14:40:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 02 11:37:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	184329	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	653042	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	295269	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	507348	20.00	ng	0.00
76) Chrysene-d12	14.03	240	317038	20.00	ng	0.01
86) Perylene-d12	15.49	264	396369	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	541015	55.93	ng	0.00
7) Phenol-d6	6.47	99	653125	54.78	ng	0.00
23) Nitrobenzene-d5	7.40	82	396336	39.70	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	144558	52.84	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	754679	43.37	ng	0.00
79) Terphenyl-d14	12.96	244	746777	52.42	ng	0.00

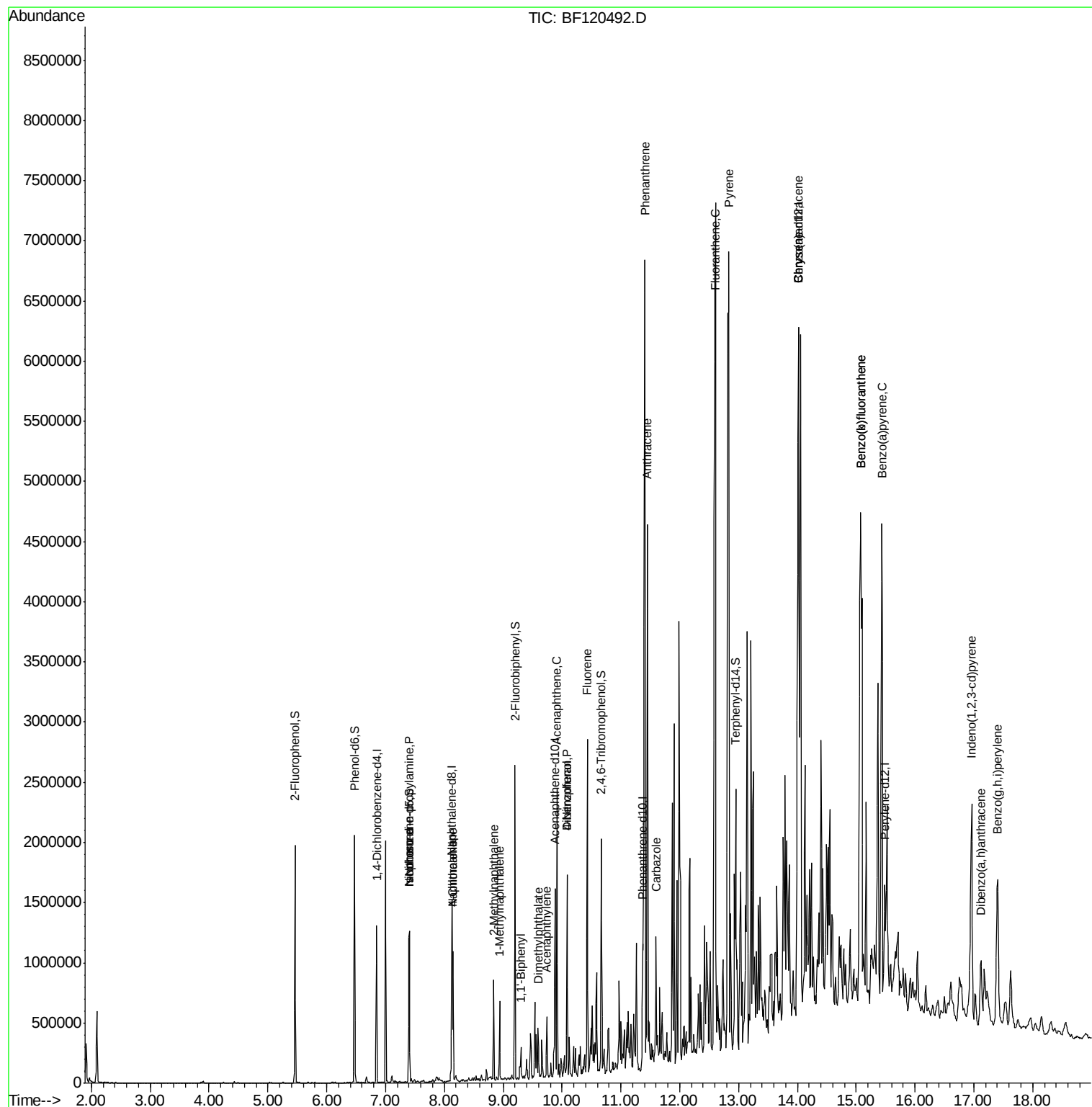
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.40	70	51913	6.850	ng	# 76
25) Isophorone	7.40	82	393819	19.627	ng	# 64
31) Naphthalene	8.15	128	447857	15.615	ng	99
33) 4-Chloroaniline	8.15	127	57699	4.539	ng	# 31
37) 2-Methylnaphthalene	8.84	142	203564	10.716	ng	99
38) 1-Methylnaphthalene	8.94	142	161320	8.996	ng	99
46) 1,1'-Biphenyl	9.30	154	75638	3.900	ng	96
49) Acenaphthylene	9.74	152	171384	6.944	ng	96
50) Dimethylphthalate	9.59	163	127772	6.922	ng	99
52) Acenaphthene	9.92	154	466660	30.294	ng	100
55) Dibenzofuran	10.09	168	555453	24.813	ng	97
56) 4-Nitrophenol	10.09	139	195500	53.009	ng	# 14
58) Fluorene	10.43	166	817927	48.690	ng	100
71) Phenanthrene	11.41	178	3690036	165.063	ng	98
72) Anthracene	11.45	178	1931161	86.097	ng	99
73) Carbazole	11.60	167	364568	16.804	ng	98
75) Fluoranthene	12.61	202	5318742	221.111	ng	99
78) Pyrene	12.83	202	4546936	206.227	ng	96
81) Benzo(a)anthracene	14.02	228	3438947	202.392	ng	96
83) Chrysene	14.02	228	3438947	193.053	ng	97
87) Indeno(1,2,3-cd)pyrene	16.96	276	1360287	62.746	ng	95
88) Benzo(b)fluoranthene	15.07	252	4508354	204.781	ng	98
89) Benzo(k)fluoranthene	15.07	252	4508354	219.357	ng	# 96
90) Benzo(a)pyrene	15.44	252	2374151	123.288	ng	97
91) Dibenzo(a,h)anthracene	17.12	278	392842	22.226	ng	95
92) Benzo(g,h,i)perylene	17.40	276	1130436	64.847	ng	99

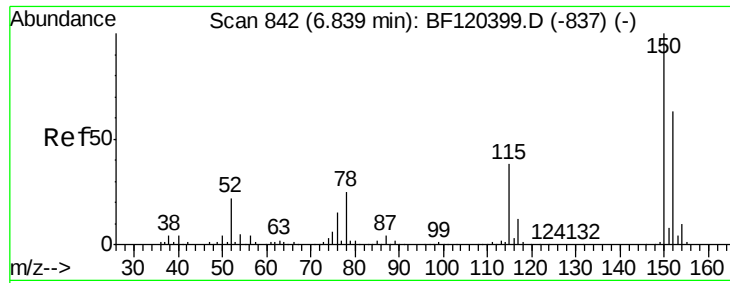
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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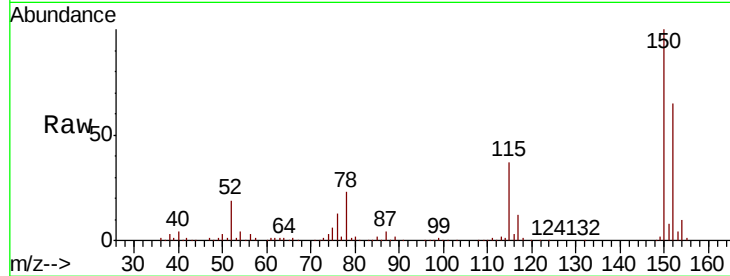


#1

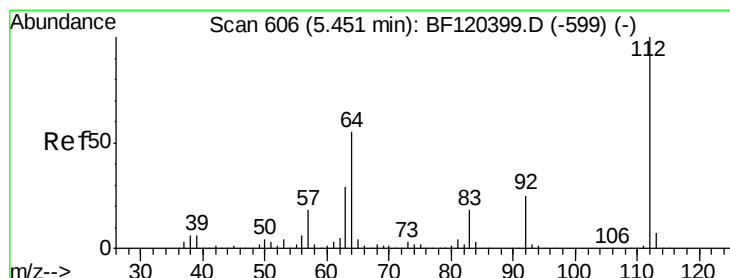
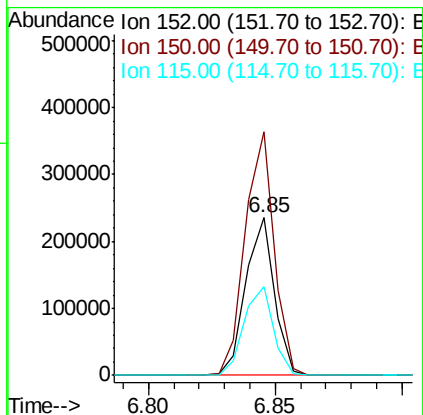
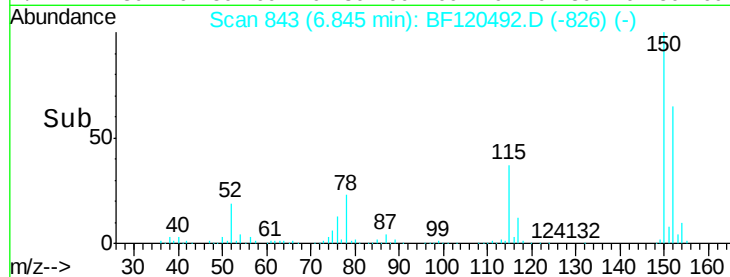
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 843
Delta R.T. -0.00 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 184329
Ion Ratio Lower Upper
152 100
150 154.8 126.7 190.1
115 56.5 46.2 69.2



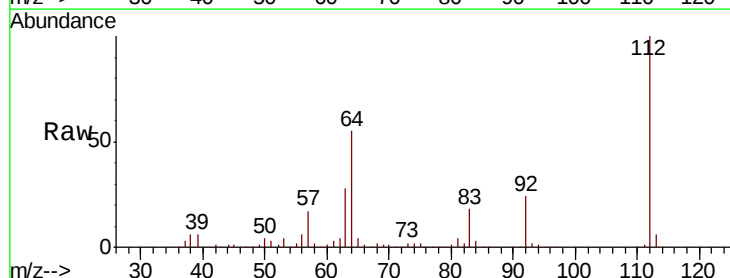
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



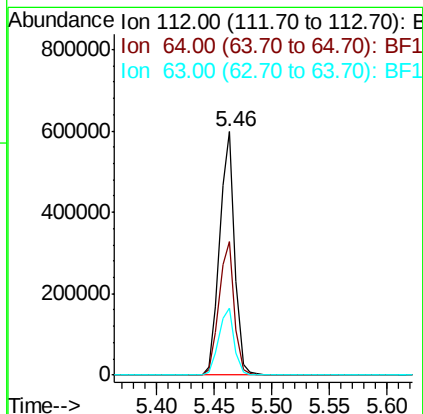
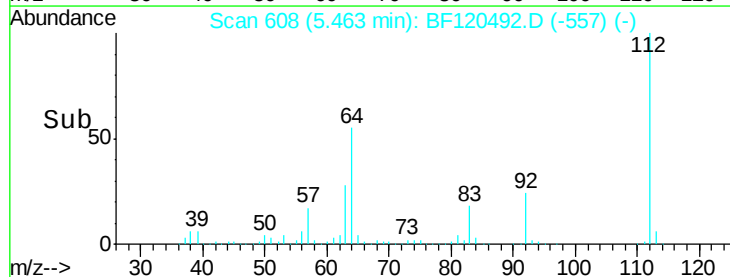
#5

2-Fluorophenol
Concen: 55.935 ng
RT: 5.46 min Scan# 608
Delta R.T. -0.00 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

Tgt Ion:112 Resp: 541015
Ion Ratio Lower Upper
112 100
64 55.0 46.3 69.5
63 27.7 24.2 36.2



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: 54.784 ng

RT: 6.47 min Scan# 780

Delta R.T. -0.01 min

Lab File: BF120492.D

Acq: 2 Jun 2020 14:02

Instrument :

BNA_G

ClientSampled :

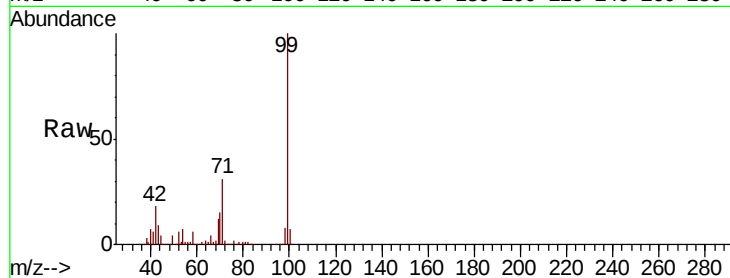
Tot Ion: 99 Resp: 653125

Ion Ratio Lower Upper

99 100

42 17.6 15.1 22.7

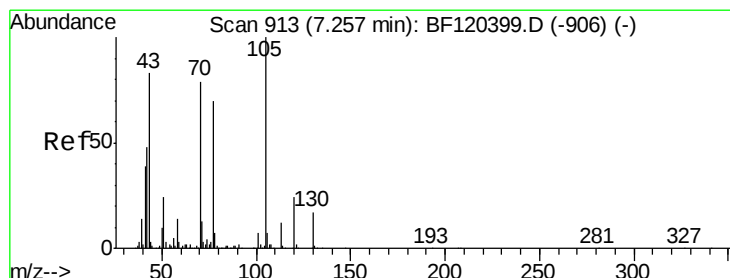
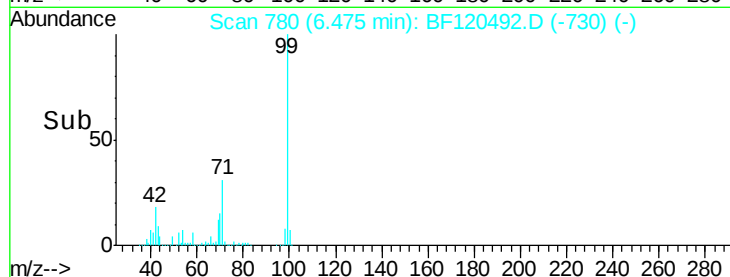
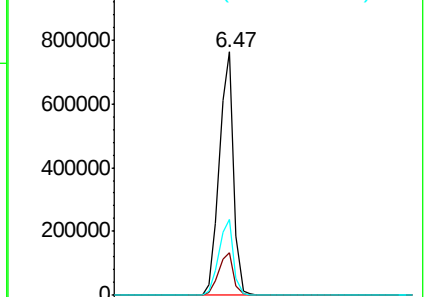
71 31.4 26.2 39.4



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: 6.850 ng

RT: 7.40 min Scan# 938

Delta R.T. 0.14 min

Lab File: BF120492.D

Acq: 2 Jun 2020 14:02

Tgt Ion: 70 Resp: 51913

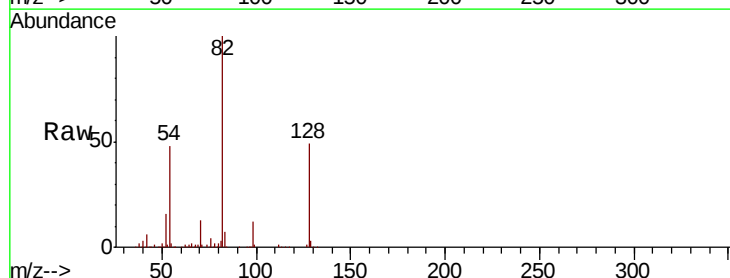
Ion Ratio Lower Upper

70 100

42 46.5 47.4 71.2#

101 0.0 7.8 11.6#

130 2.3 17.1 25.7#

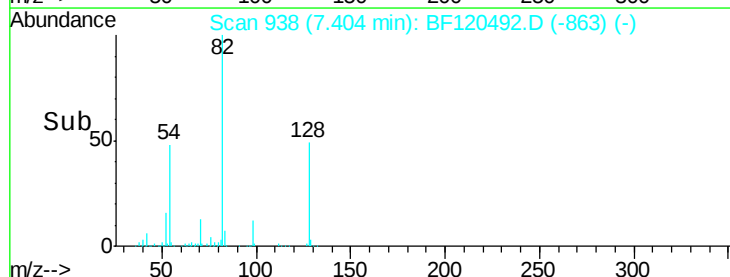
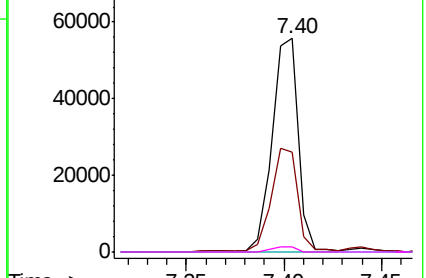


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

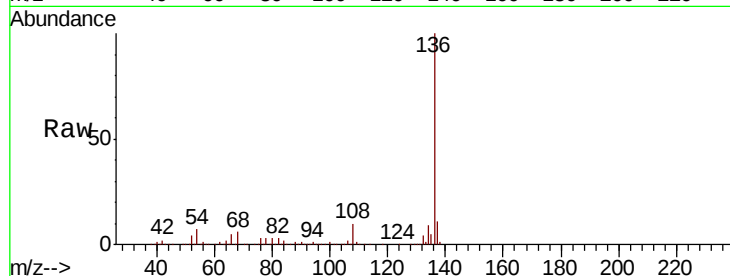




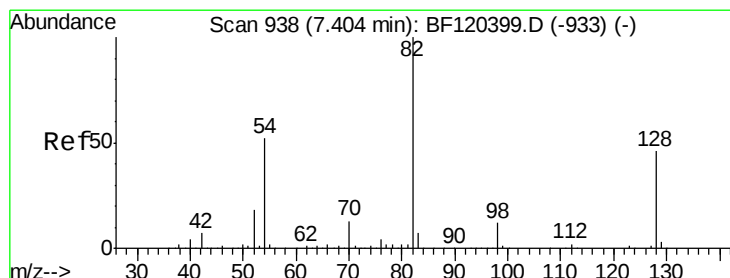
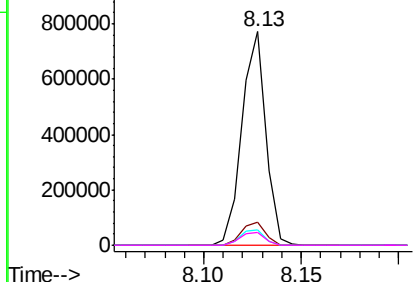
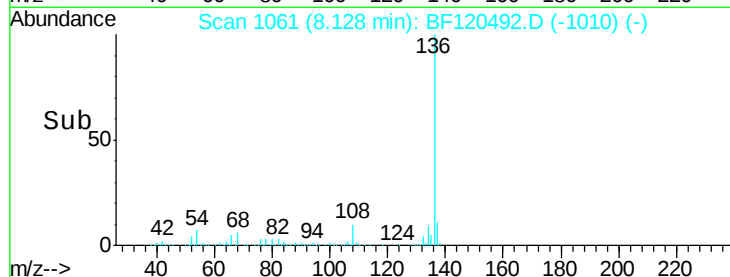
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	653042	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	9.0	13.6	
54 7.2	6.2	9.4	
68 5.8	5.0	7.6	

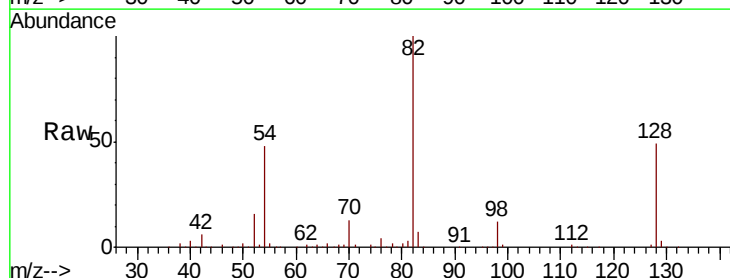


Abundance Ion 136.00 (135.70 to 136.70): E
1200000
Ion 137.00 (136.70 to 137.70): E
1000000
Ion 54.00 (53.70 to 54.70): BF1
800000
Ion 68.00 (67.70 to 68.70): BF1
600000
400000
200000
0

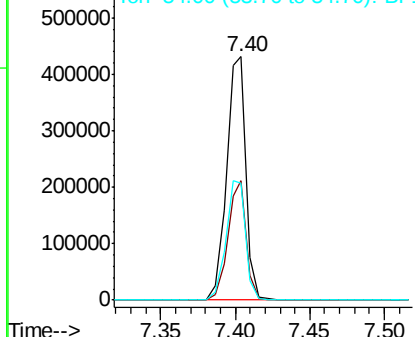
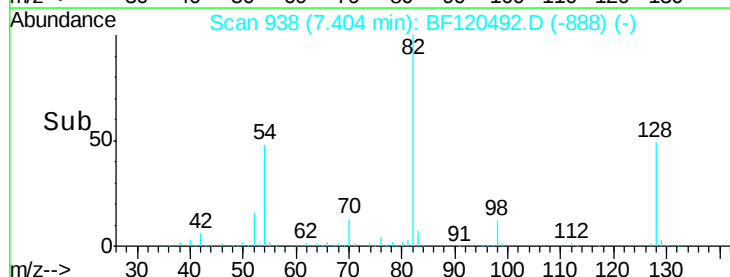


#23
Nitrobenzene-d5
Concen: 39.700 ng
RT: 7.40 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

Tgt	Ion: 82	Resp:	396336
Ion	Ratio	Lower	Upper
82	100		
128	49.0	37.0	55.6
54	48.0	41.0	61.4



Abundance Ion 82.00 (81.70 to 82.70): BF1
600000
Ion 128.00 (127.70 to 128.70): E
500000
Ion 54.00 (53.70 to 54.70): BF1
400000
300000
200000
100000
0





#25

Isophorone

Concen: 19.627 ng

RT: 7.40 min Scan# 938

Delta R.T. -0.26 min

Lab File: BF120492.D

Acq: 2 Jun 2020 14:02

Instrument :

BNA_G

ClientSampleId :

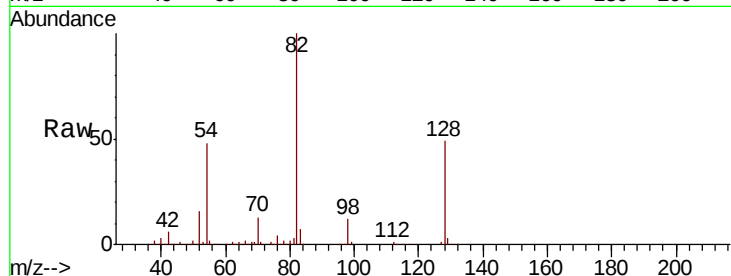
Tot Ion: 82 Resp: 393819

Ion Ratio Lower Upper

82 100

95 0.1 5.7 8.5#

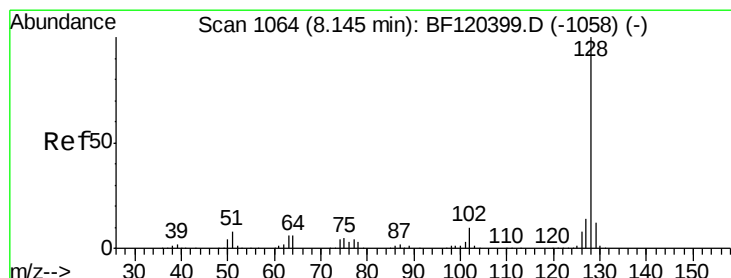
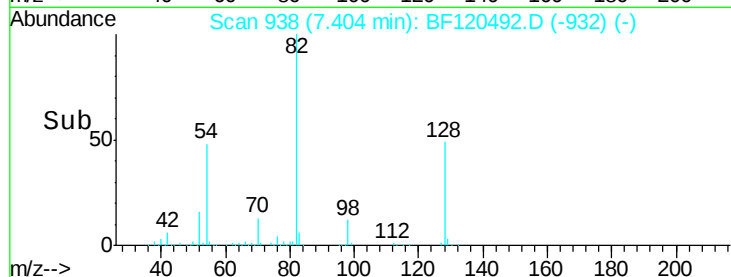
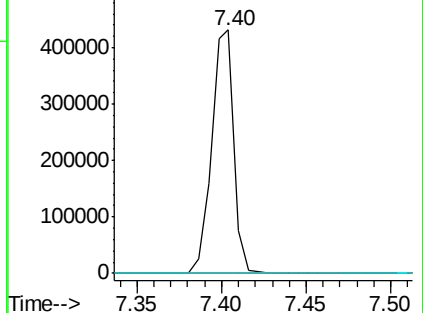
138 0.0 15.0 22.6#



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: 15.615 ng

RT: 8.15 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF120492.D

Acq: 2 Jun 2020 14:02

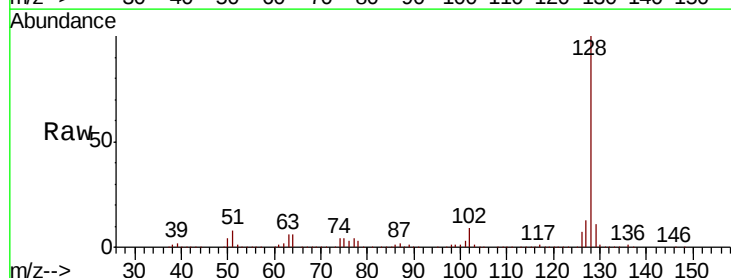
Tgt Ion: 128 Resp: 447857

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.0

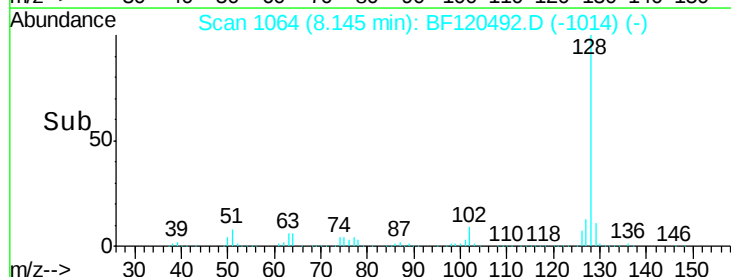
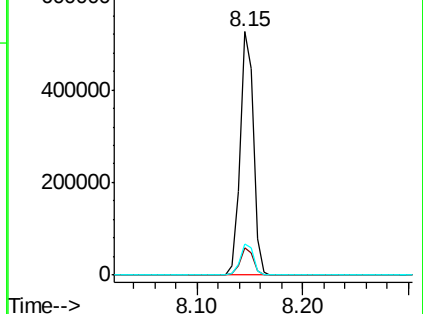
127 13.0 10.9 16.3

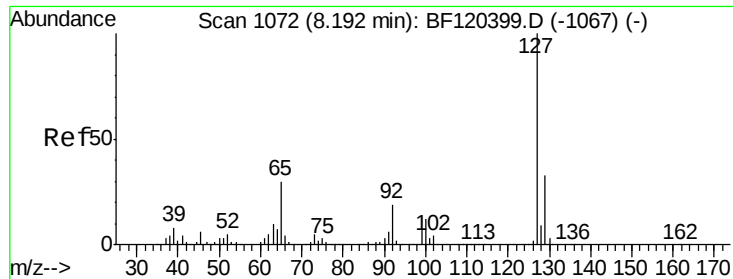


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

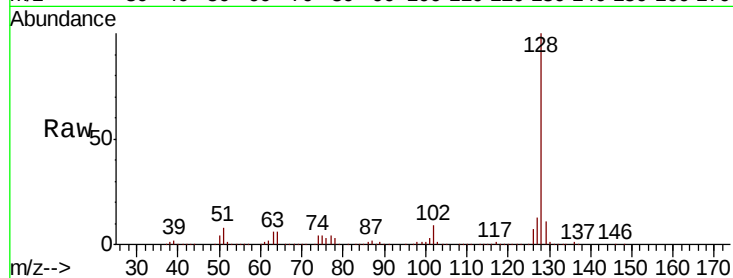




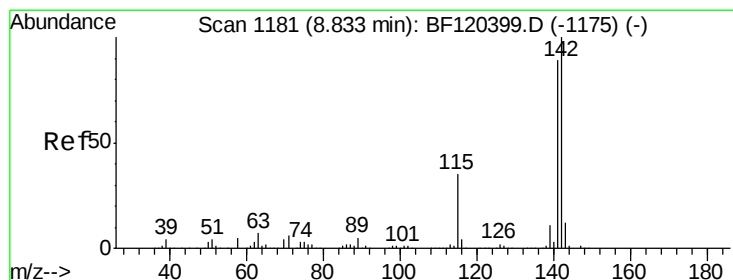
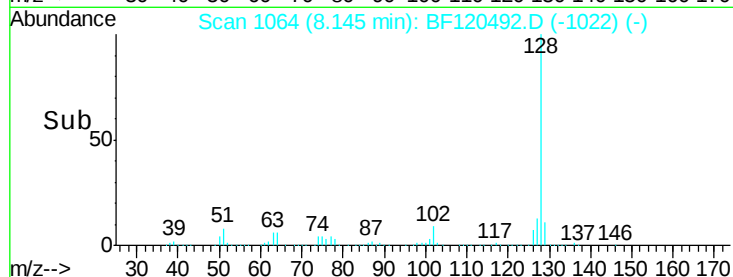
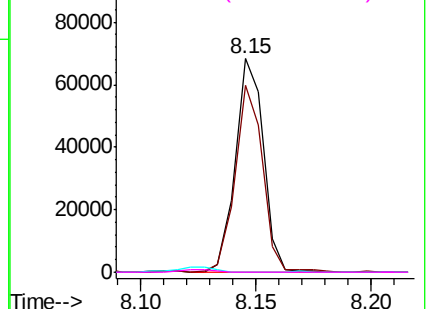
#33
4-Chloroaniline
Concen: 4.539 ng
RT: 8.15 min Scan# 1064
Delta R.T. -0.05 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	57699
Ion Ratio	Lower	Upper
127	100	
129	87.3	26.2 39.2#
65	0.0	23.6 35.4#
92	0.0	14.8 22.2#

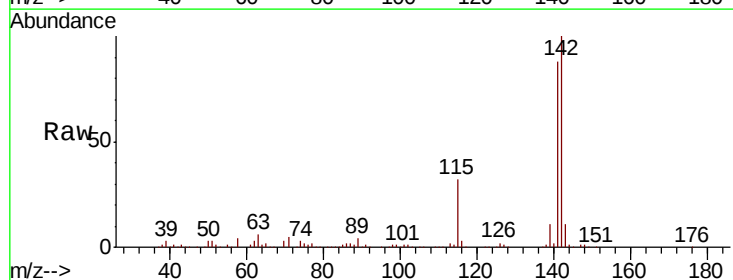


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

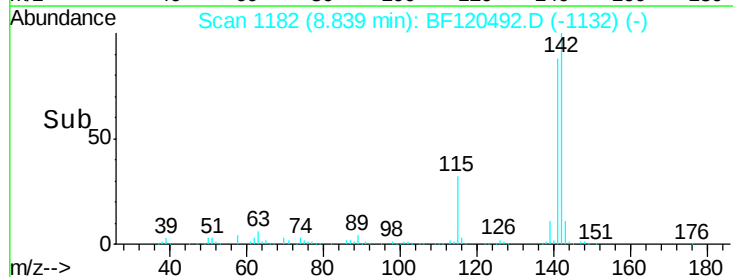
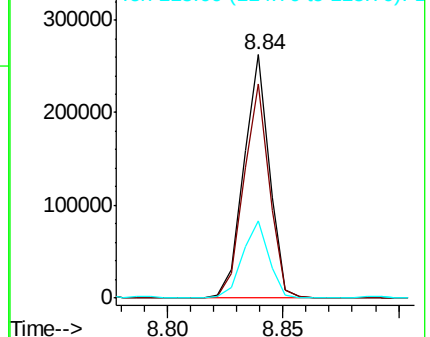


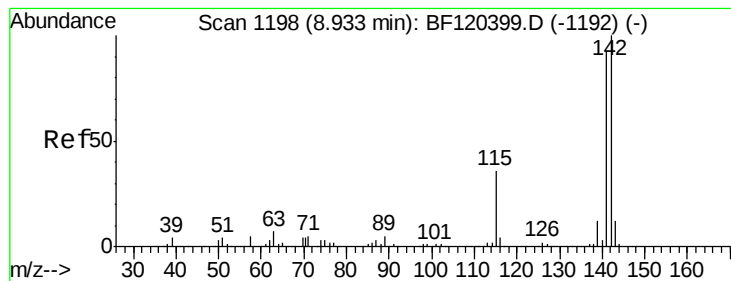
#37
2-Methylnaphthalene
Concen: 10.716 ng
RT: 8.84 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

Tgt Ion:142	Resp:	203564
Ion Ratio	Lower	Upper
142	100	
141	88.0	70.8 106.2
115	31.7	26.1 39.1



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: 8.996 ng

RT: 8.94 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BF120492.D

Acq: 2 Jun 2020 14:02

Instrument :

BNA_G

ClientSampled :

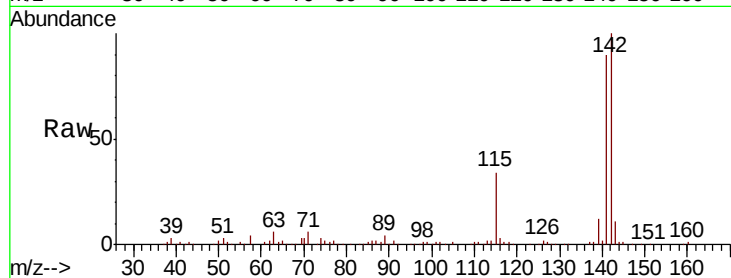
Tot Ion:142 Resp: 161320

Ion Ratio Lower Upper

142 100

141 90.4 72.8 109.2

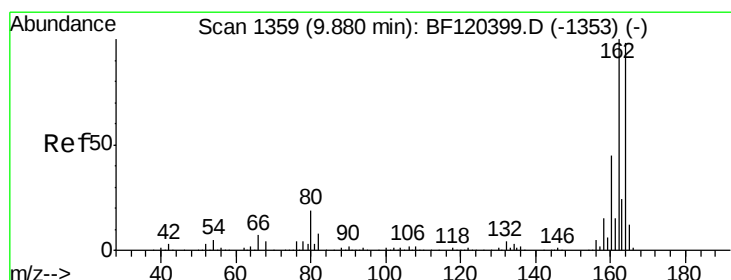
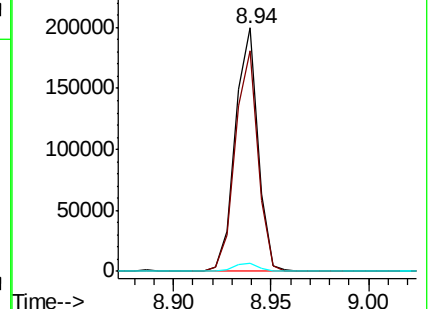
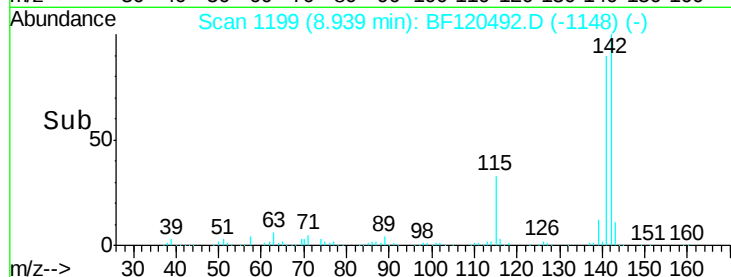
116 3.5 2.9 4.3



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: 9.88 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF120492.D

Acq: 2 Jun 2020 14:02

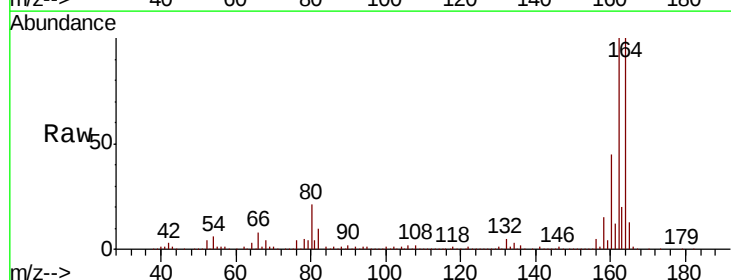
Tgt Ion:164 Resp: 295269

Ion Ratio Lower Upper

164 100

162 100.4 81.9 122.9

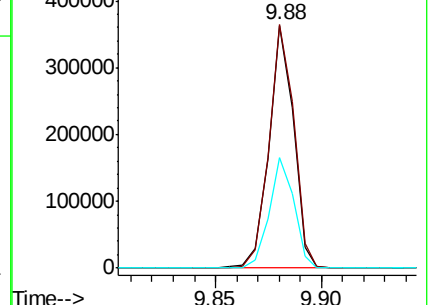
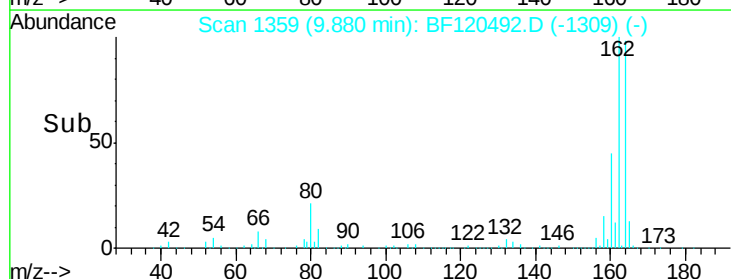
160 45.4 37.4 56.0

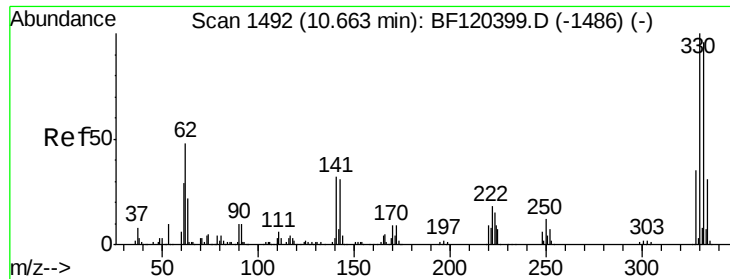


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

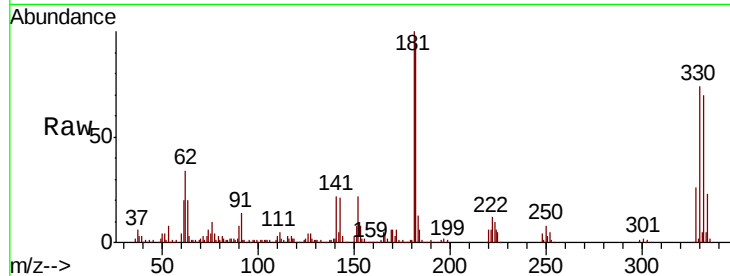




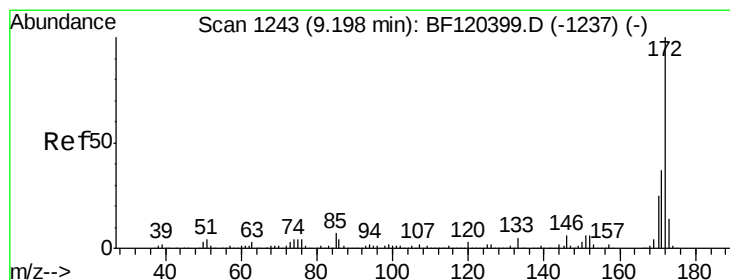
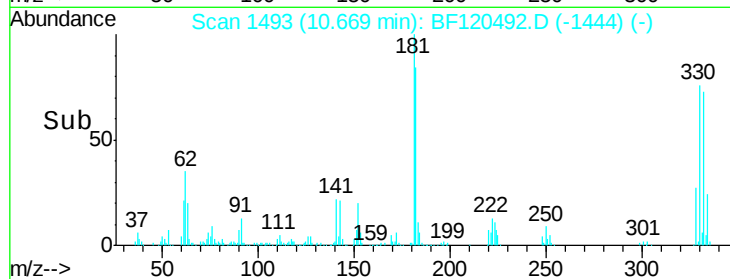
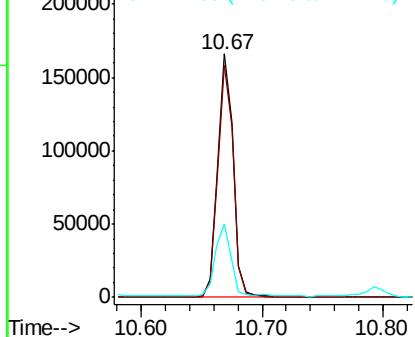
#42
 2,4,6-Tribromophenol
 Concen: 52.839 ng
 RT: 10.67 min Scan# 1493
 Delta R.T. -0.01 min
 Lab File: BF120492.D
 Acq: 2 Jun 2020 14:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.8	115.2
141	30.5	23.9	35.9

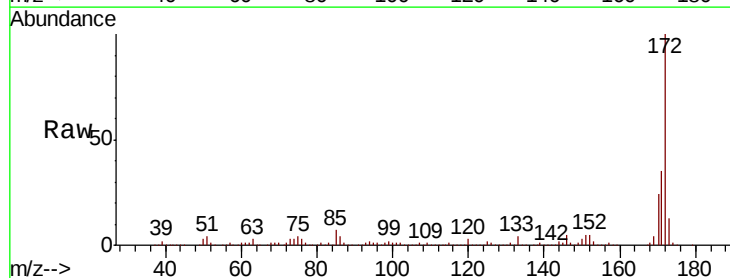


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

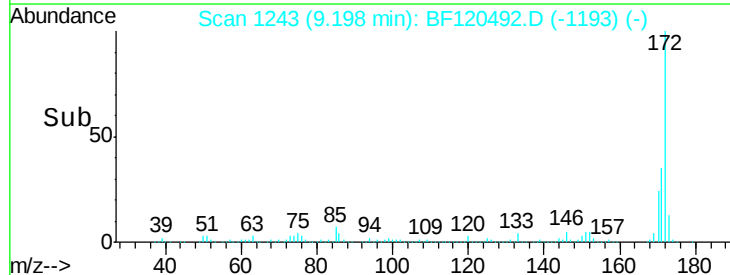
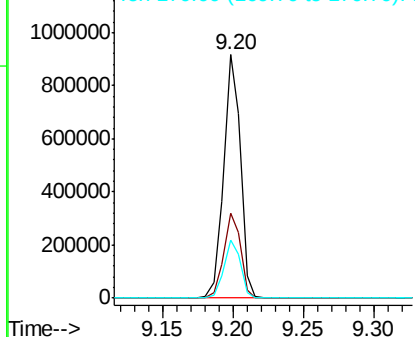


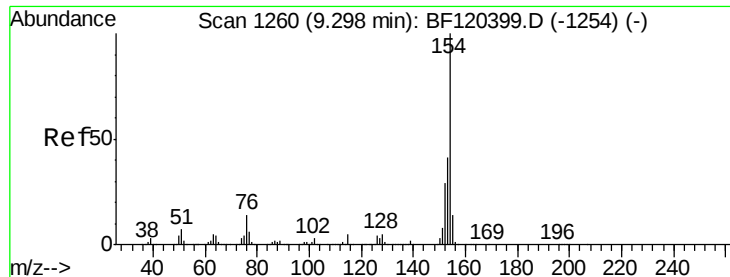
#45
 2-Fluorobiphenyl
 Concen: 43.366 ng
 RT: 9.20 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: BF120492.D
 Acq: 2 Jun 2020 14:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.4	44.2
170	23.6	19.9	29.9



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

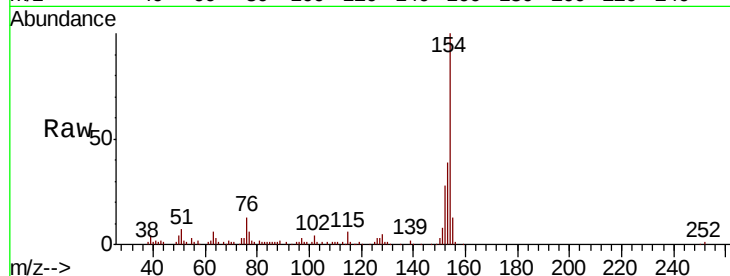




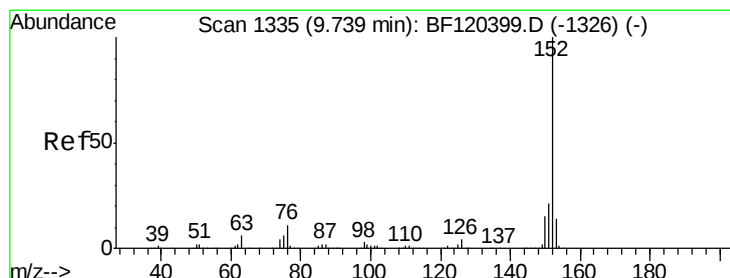
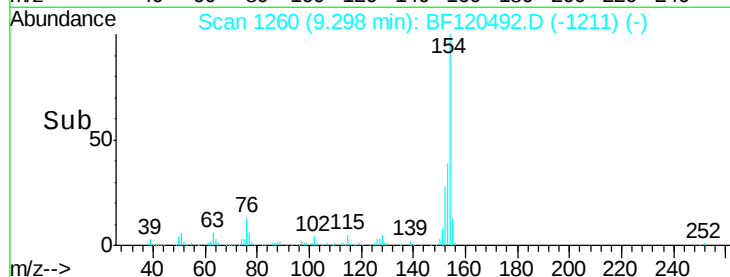
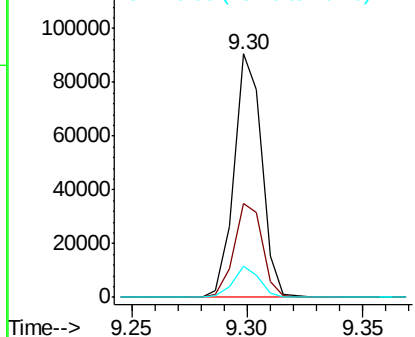
#46
 1,1'-Biphenyl
 Concen: 3.900 ng
 RT: 9.30 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF120492.D
 Acq: 2 Jun 2020 14:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:154 Resp: 75638
 Ion Ratio Lower Upper
 154 100
 153 38.8 21.1 61.1
 76 13.0 0.0 31.3

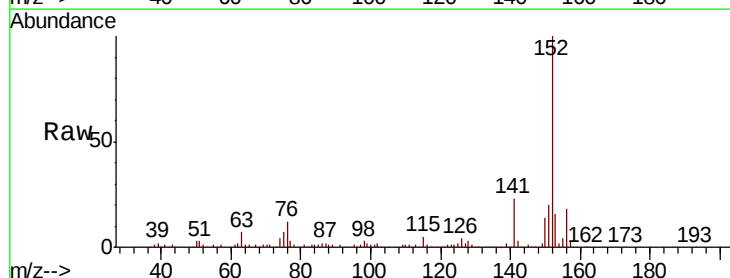


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

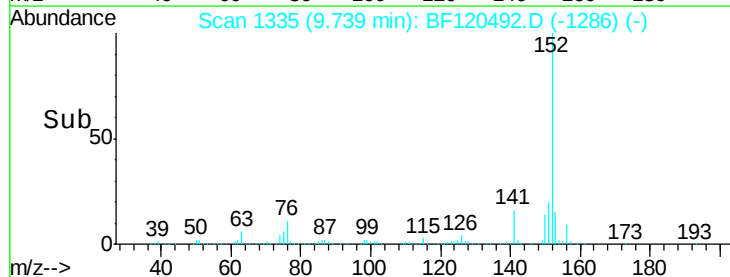
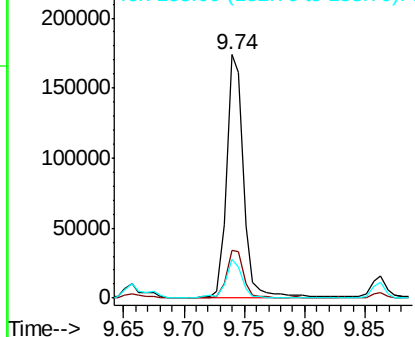


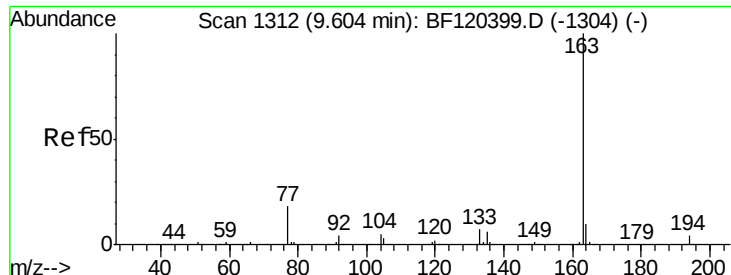
#49
 Acenaphthylene
 Concen: 6.944 ng
 RT: 9.74 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF120492.D
 Acq: 2 Jun 2020 14:02

Tgt Ion:152 Resp: 171384
 Ion Ratio Lower Upper
 152 100
 151 19.8 16.8 25.2
 153 15.8 10.9 16.3



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

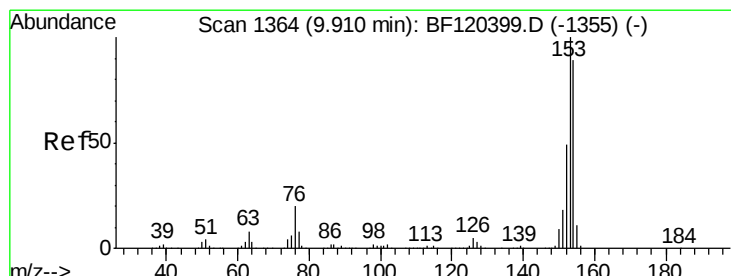
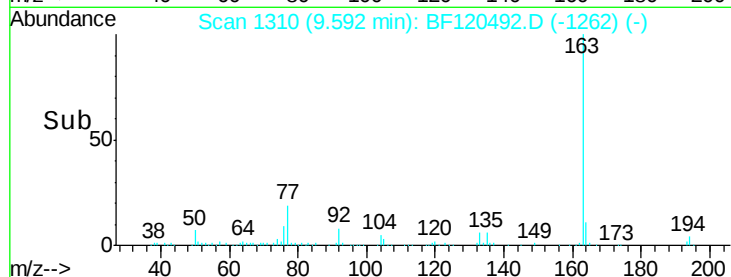
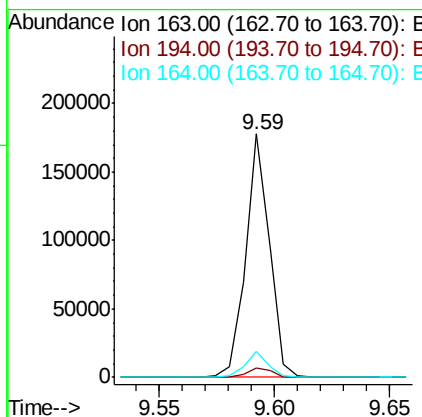
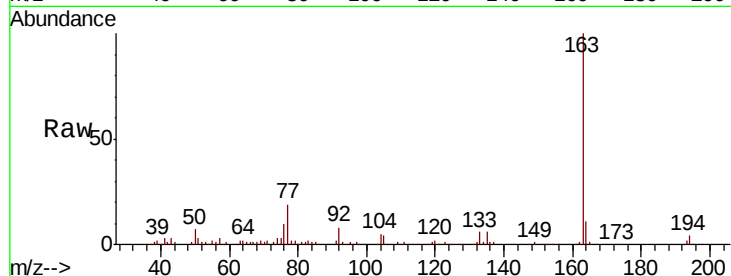




#50
Dimethylphthalate
Concen: 6.922 ng
RT: 9.59 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

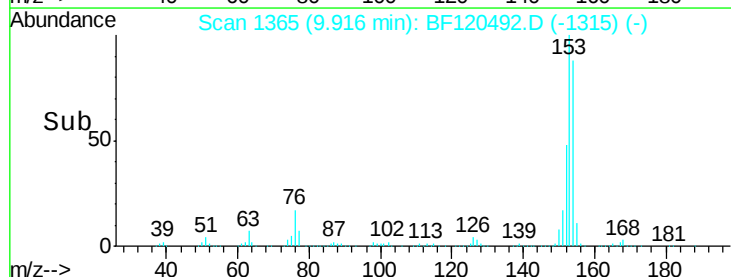
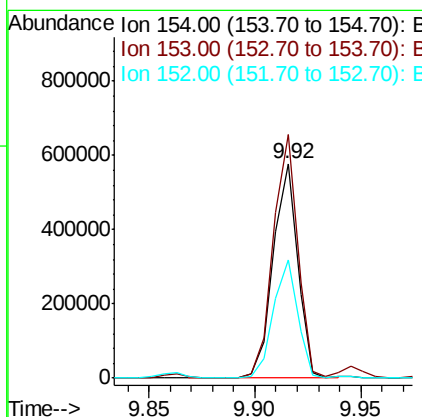
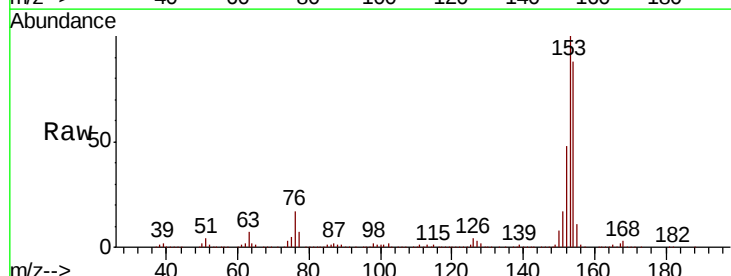
Instrument :
BNA_G
ClientSampleId :

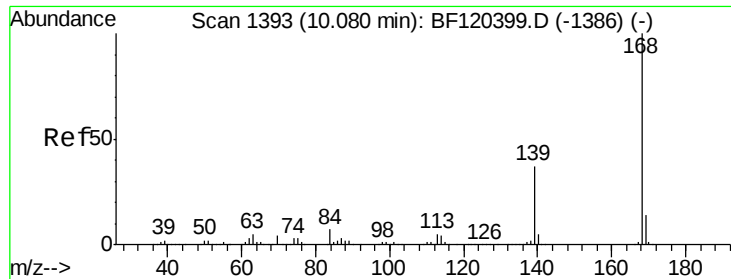
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.5	8.2	12.2



#52
Acenaphthene
Concen: 30.294 ng
RT: 9.92 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.4	90.2	135.4
152	54.8	44.1	66.1

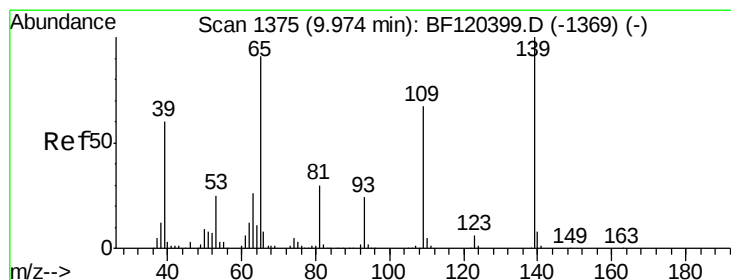
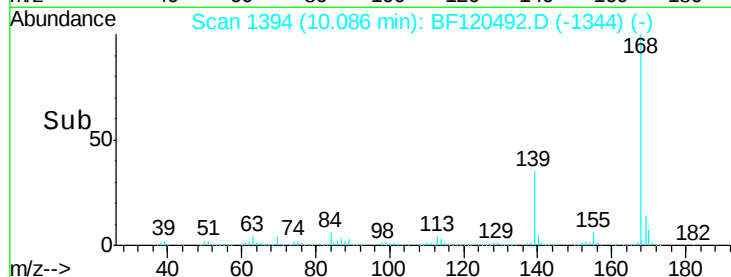
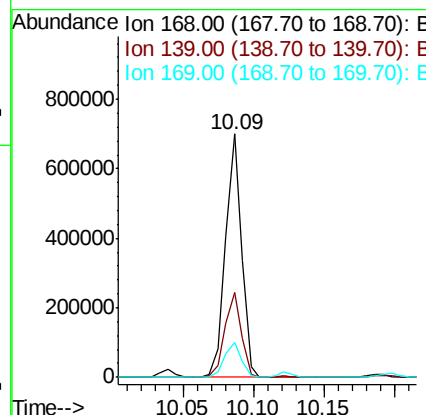
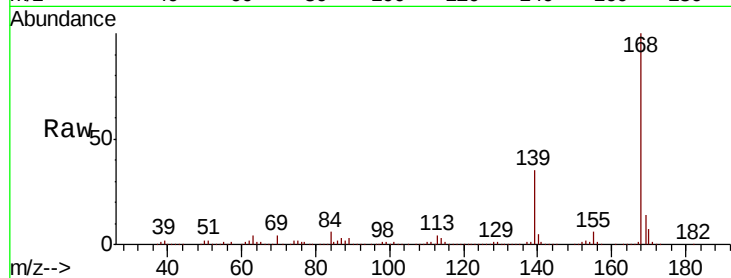




#55
Dibenzofuran
Concen: 24.813 ng
RT: 10.09 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

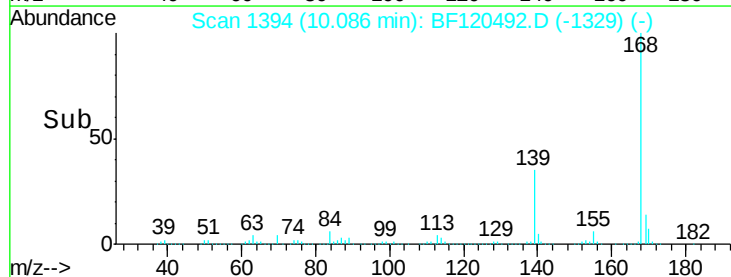
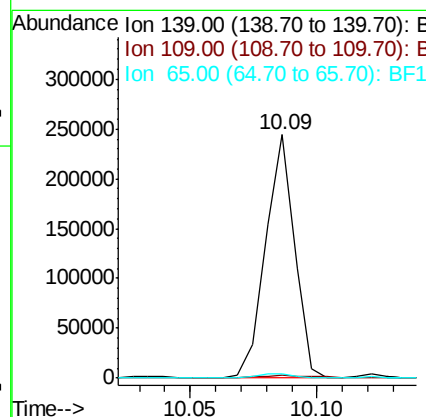
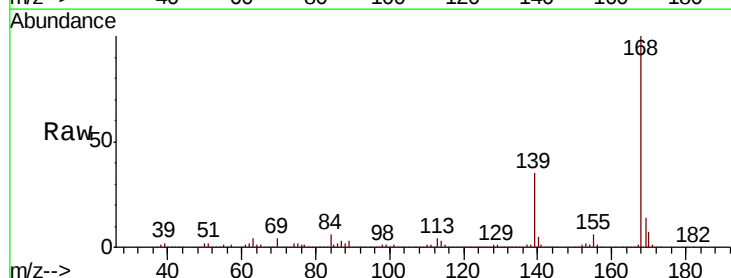
Instrument :
BNA_G
ClientSampleId :

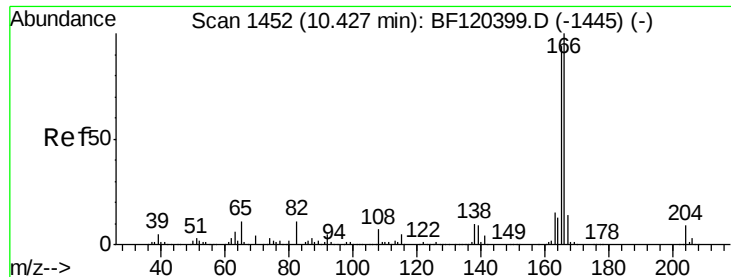
Tot Ion:168 Resp: 555453
Ion Ratio Lower Upper
168 100
139 34.9 29.9 44.9
169 14.3 11.3 16.9



#56
4-Nitrophenol
Concen: 53.009 ng
RT: 10.09 min Scan# 1394
Delta R.T. 0.08 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

Tgt Ion:139 Resp: 195500
Ion Ratio Lower Upper
139 100
109 1.1 43.6 83.6#
65 1.7 62.9 102.9#





#58

Fluorene

Concen: 48.690 ng

RT: 10.43 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF120492.D

Acq: 2 Jun 2020 14:02

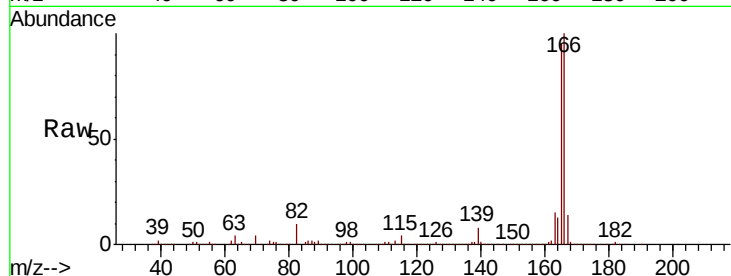
Instrument :

BNA_G

ClientSampleId :

Tot Ion:166 Resp: 817927

Ion	Ratio	Lower	Upper
166	100		
165	95.1	76.2	114.2
167	13.7	11.2	16.8

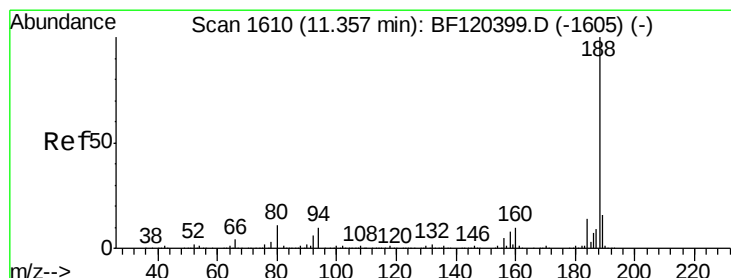
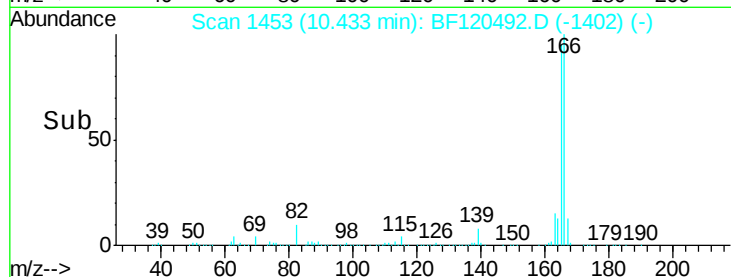
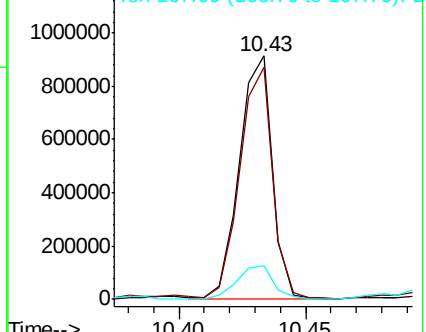


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1612

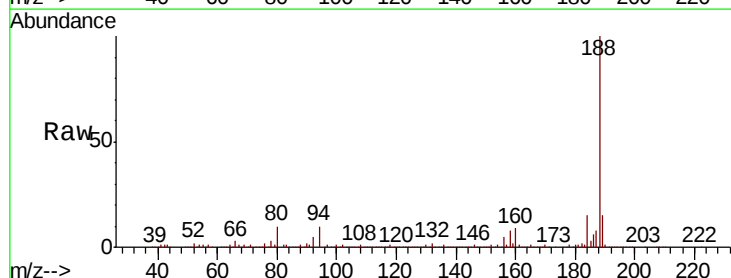
Delta R.T. -0.01 min

Lab File: BF120492.D

Acq: 2 Jun 2020 14:02

Tgt Ion:188 Resp: 507348

Ion	Ratio	Lower	Upper
188	100		
94	9.8	6.6	10.0
80	10.1	7.1	10.7

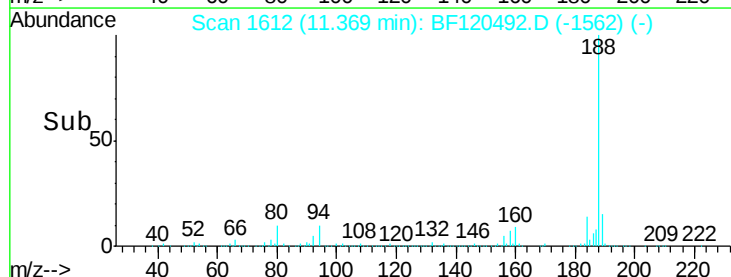
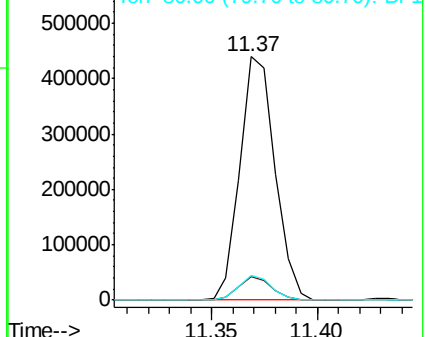


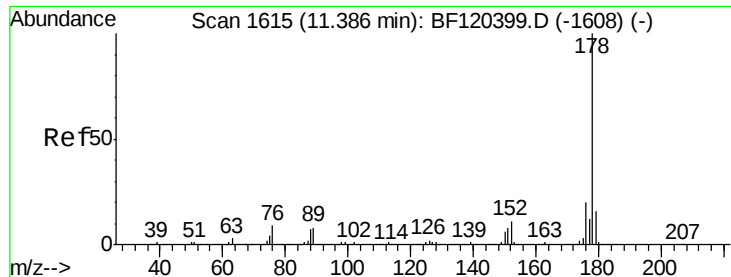
Abundance

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

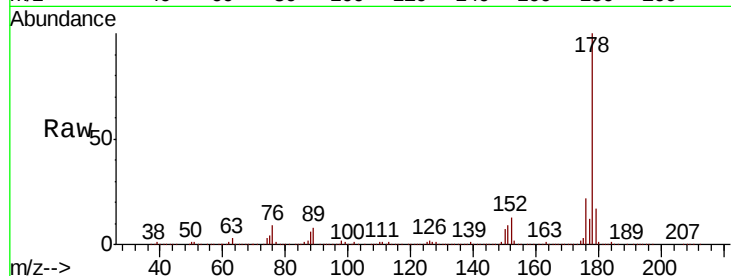




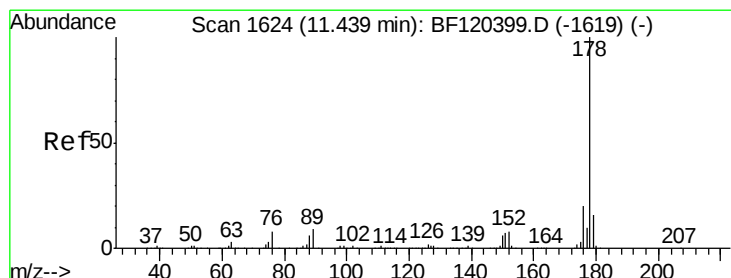
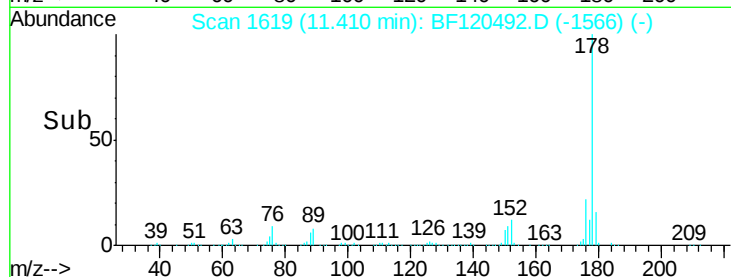
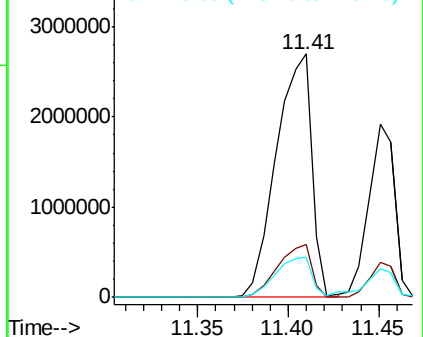
#71
Phenanthrene
Concen: 165.063 ng
RT: 11.41 min Scan# 1619
Delta R.T. 0.01 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 3690036
Ion Ratio Lower Upper
178 100
176 21.6 16.2 24.2
179 16.5 12.8 19.2

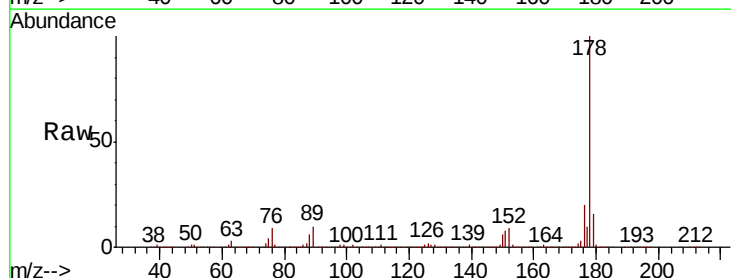


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

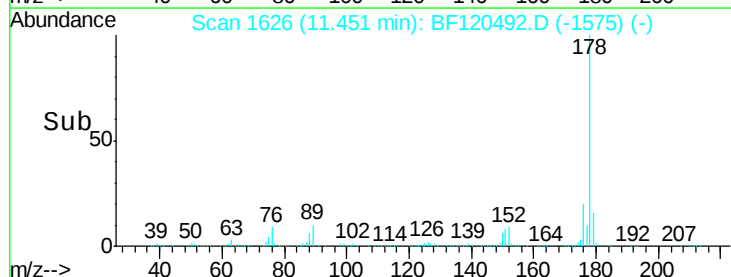
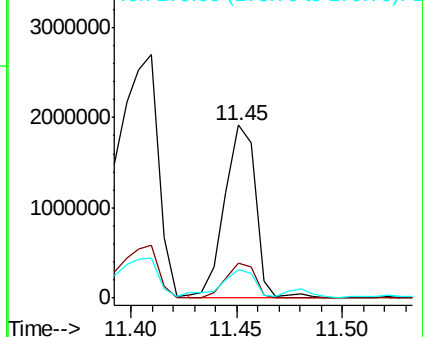


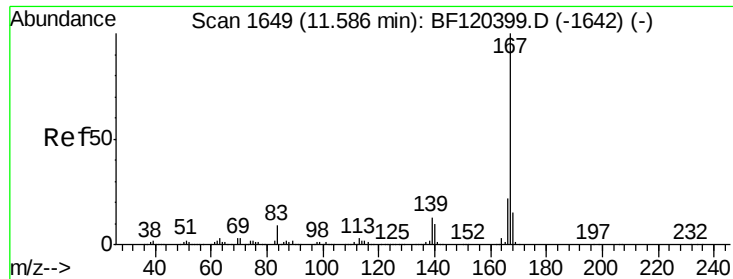
#72
Anthracene
Concen: 86.097 ng
RT: 11.45 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

Tgt Ion:178 Resp: 1931161
Ion Ratio Lower Upper
178 100
176 20.0 15.9 23.9
179 16.5 12.7 19.1



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

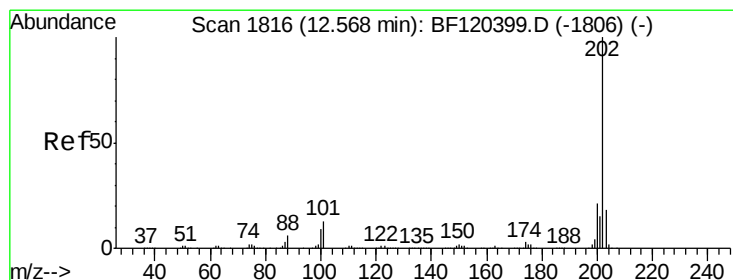
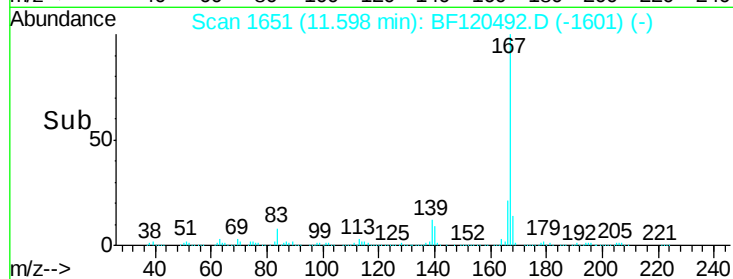
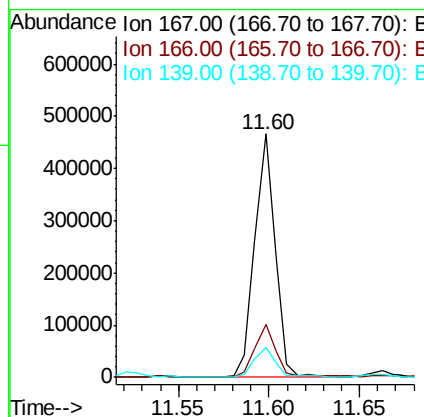
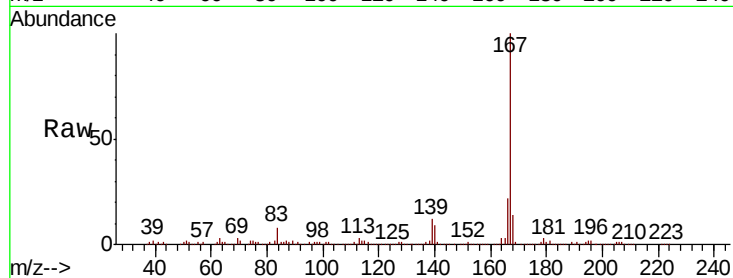




#73
 Carbazole
 Concen: 16.804 ng
 RT: 11.60 min Scan# 1651
 Delta R.T. -0.01 min
 Lab File: BF120492.D
 Acq: 2 Jun 2020 14:02

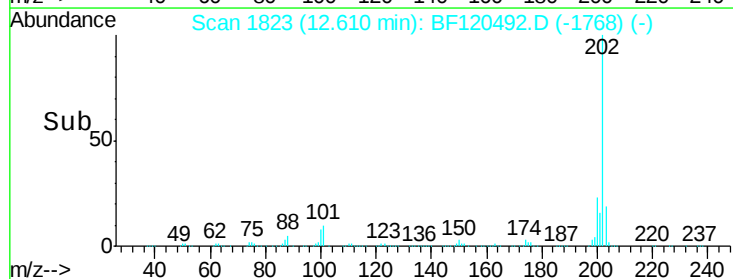
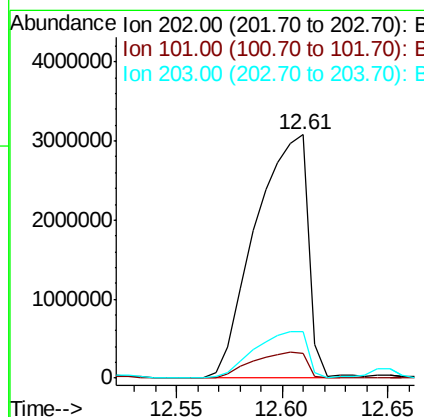
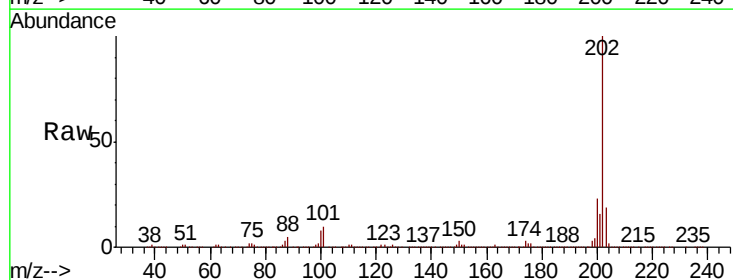
Instrument :
 BNA_G
 ClientSampleId :

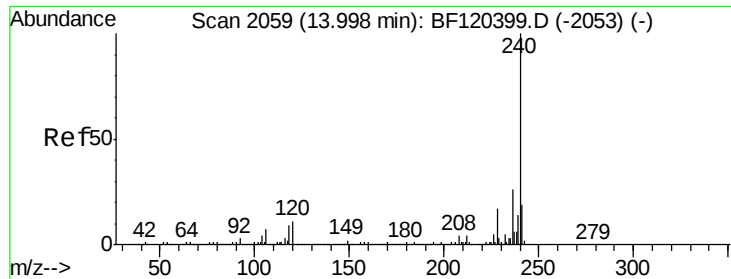
Tot Ion:167 Resp: 364568
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.8 26.8
 139 12.2 10.3 15.5



#75
 Fluoranthene
 Concen: 221.111 ng
 RT: 12.61 min Scan# 1823
 Delta R.T. 0.02 min
 Lab File: BF120492.D
 Acq: 2 Jun 2020 14:02

Tgt Ion:202 Resp: 5318742
 Ion Ratio Lower Upper
 202 100
 101 10.4 0.0 31.4
 203 19.1 0.0 38.8

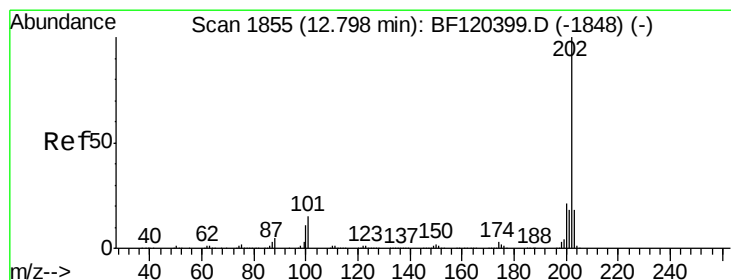
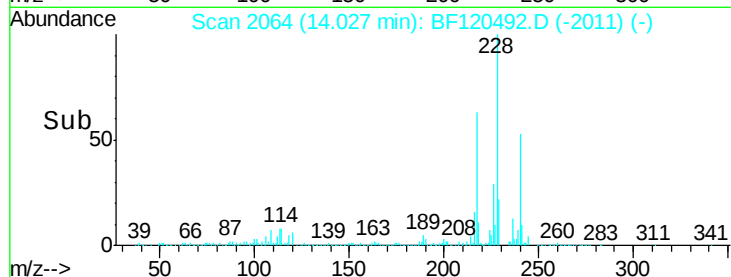
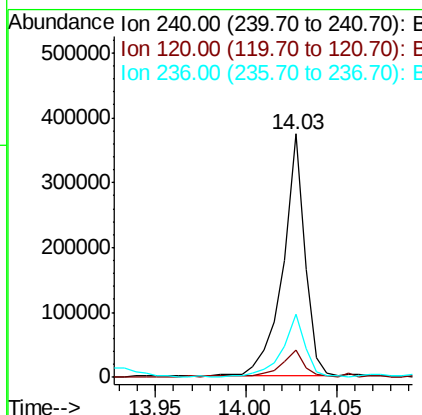
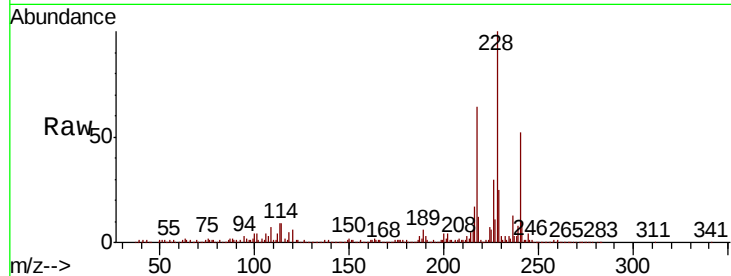




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2064
Delta R.T. 0.01 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

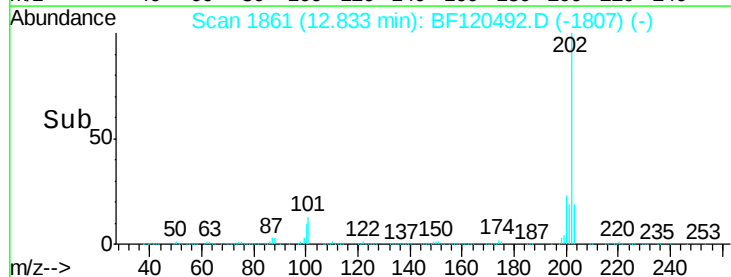
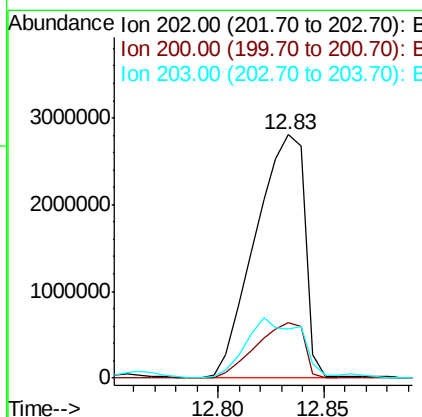
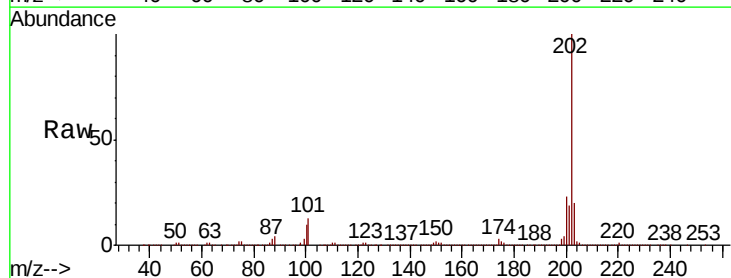
Instrument :
BNA_G
ClientSampled :

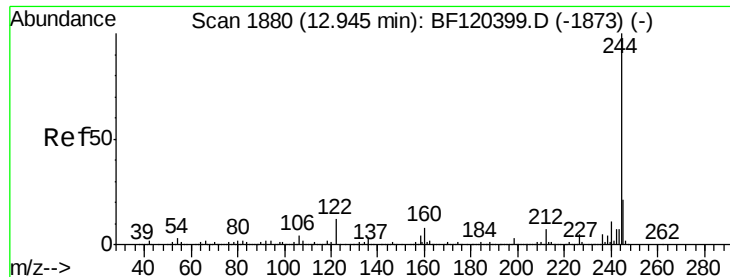
Tot Ion:240 Resp: 317038
Ion Ratio Lower Upper
240 100
120 11.0 9.9 14.9
236 25.8 21.0 31.6



#78
Pyrene
Concen: 206.227 ng
RT: 12.83 min Scan# 1861
Delta R.T. 0.02 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

Tgt Ion:202 Resp: 4546936
Ion Ratio Lower Upper
202 100
200 23.0 17.0 25.6
203 20.2 14.6 22.0





#79

Terphenyl-d14

Concen: 52.415 ng

RT: 12.96 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BF120492.D

Acq: 2 Jun 2020 14:02

Instrument :

BNA_G

ClientSampleId :

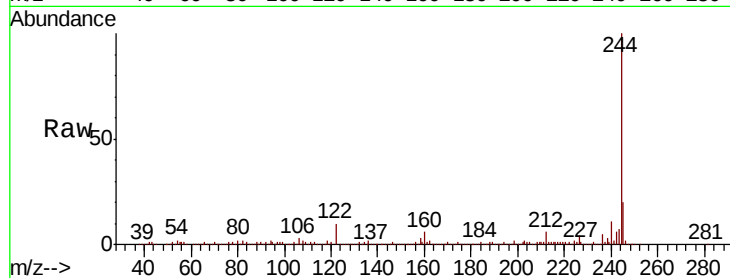
Tot Ion:244 Resp: 746777

Ion Ratio Lower Upper

244 100

212 6.3 5.8 8.8

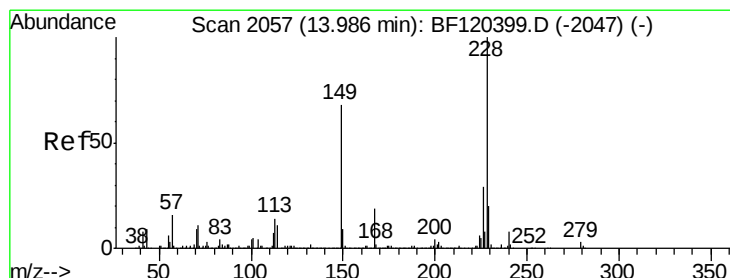
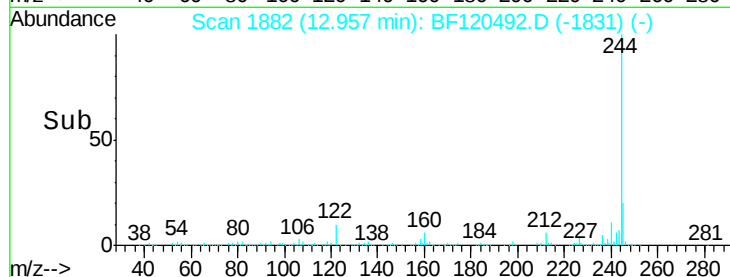
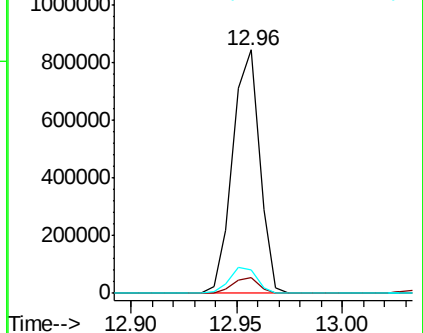
122 9.8 8.7 13.1



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: 202.392 ng

RT: 14.02 min Scan# 2062

Delta R.T. 0.01 min

Lab File: BF120492.D

Acq: 2 Jun 2020 14:02

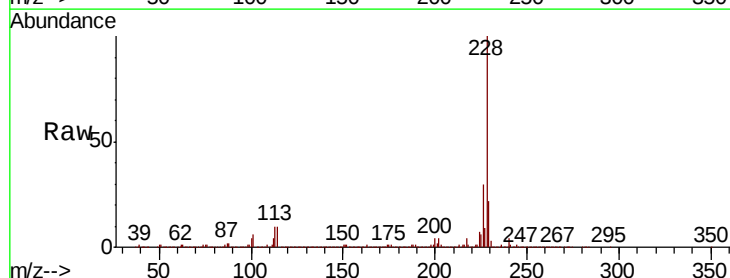
Tgt Ion:228 Resp: 3438947

Ion Ratio Lower Upper

228 100

226 30.5 22.9 34.3

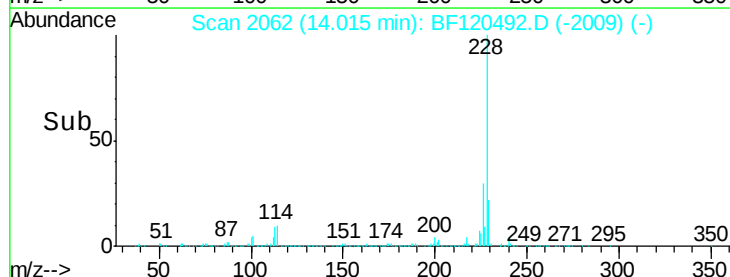
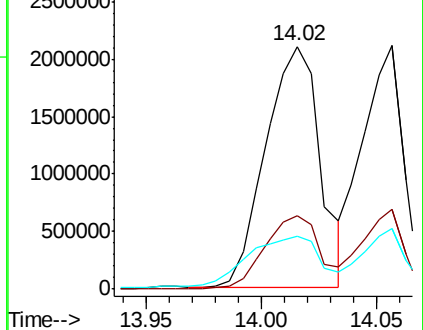
229 22.1 16.3 24.5

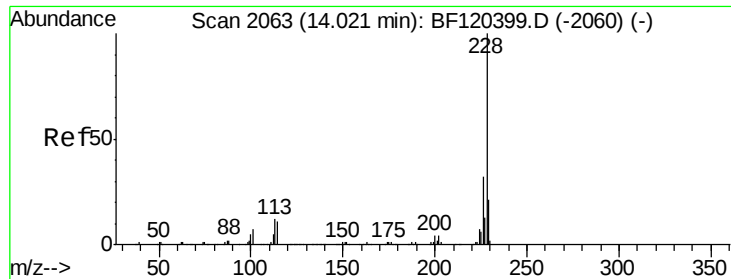


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

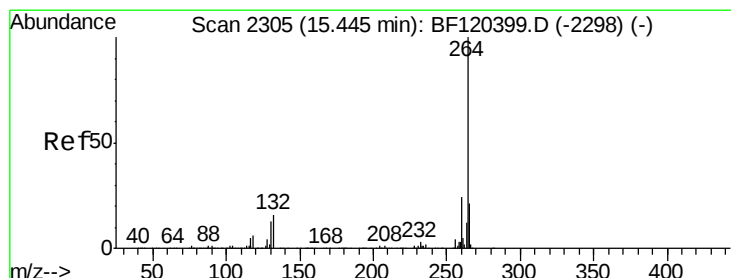
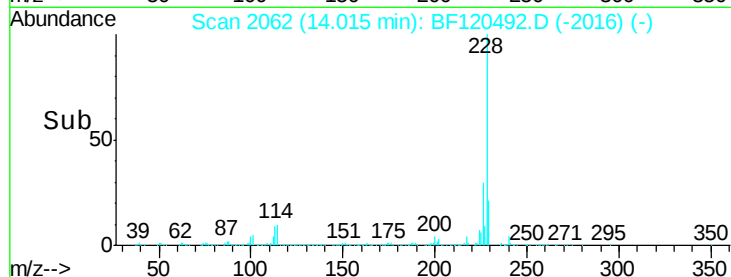
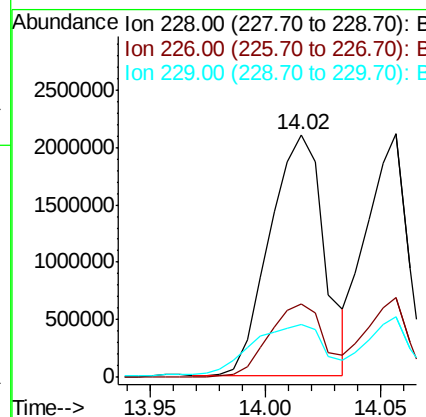
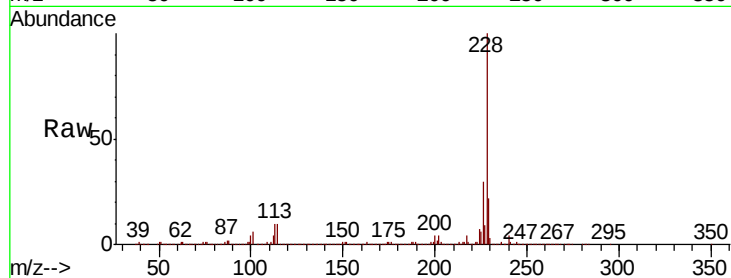




#83
Chrysene
Concen: 193.053 ng
RT: 14.02 min Scan# 2062
Delta R.T. -0.03 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

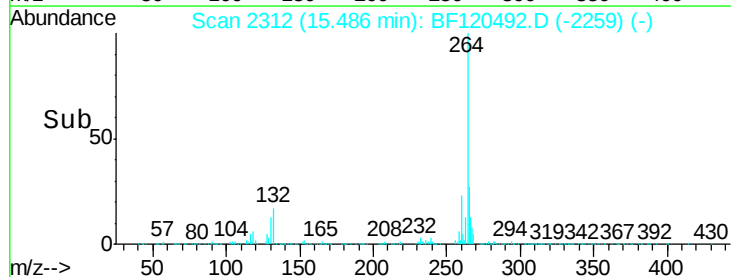
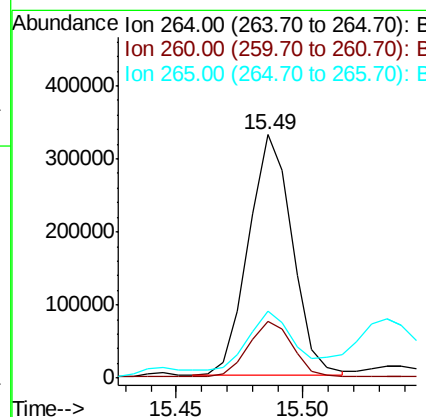
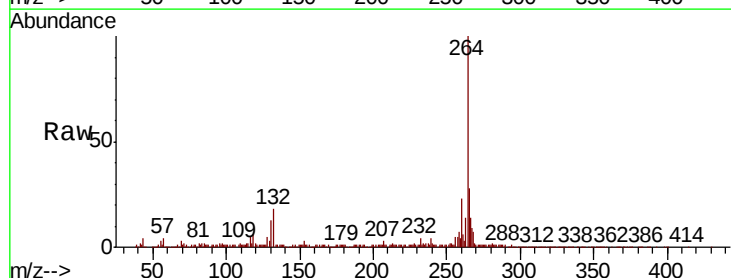
Instrument :
BNA_G
ClientSampled :

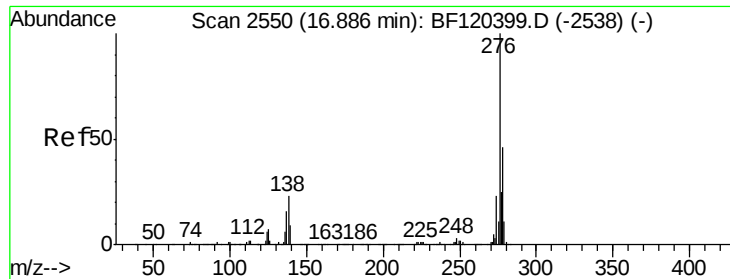
Tot Ion:228 Resp: 3438947
Ion Ratio Lower Upper
228 100
226 30.5 25.7 38.5
229 22.1 16.4 24.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2312
Delta R.T. 0.01 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

Tgt Ion:264 Resp: 396369
Ion Ratio Lower Upper
264 100
260 23.5 19.5 29.3
265 27.6 17.6 26.4#



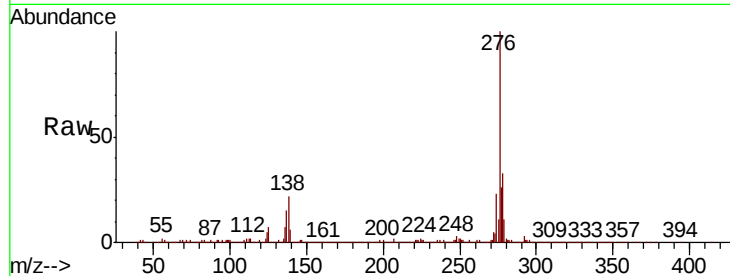


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 62.746 ng
 RT: 16.96 min Scan# 2562
 Delta R.T. 0.02 min
 Lab File: BF120492.D
 Acq: 2 Jun 2020 14:02

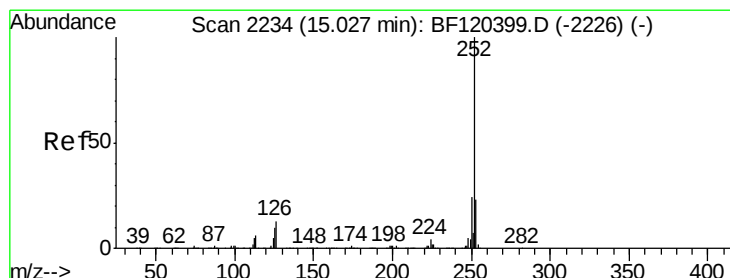
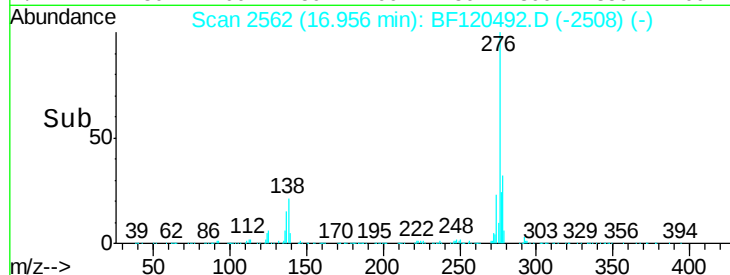
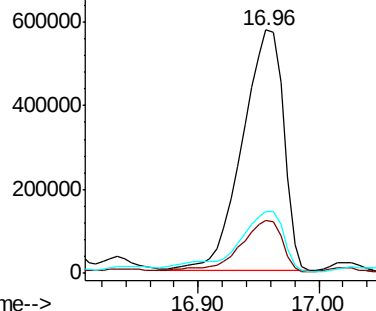
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1360287

Ion	Ratio	Lower	Upper
276	100		
138	22.4	19.3	28.9
277	29.2	20.7	31.1



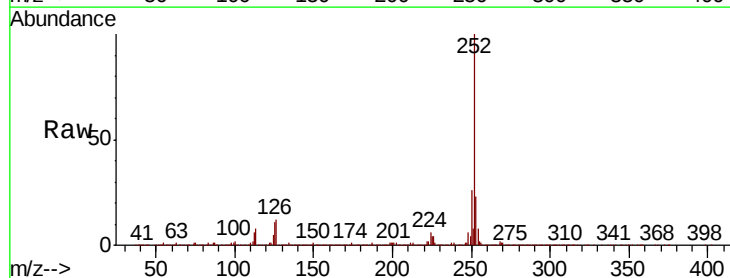
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



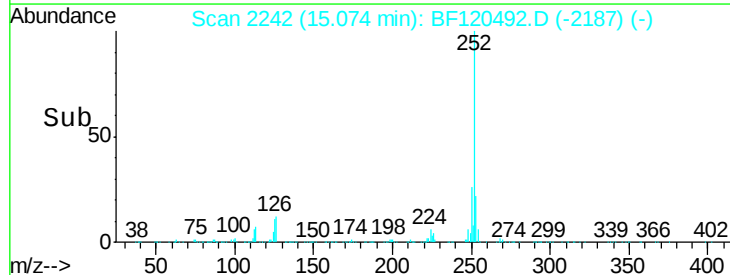
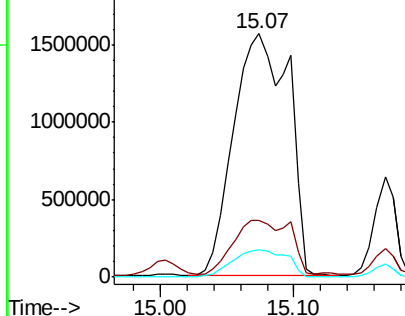
#88
 Benzo(b)fluoranthene
 Concen: 204.781 ng
 RT: 15.07 min Scan# 2242
 Delta R.T. 0.02 min
 Lab File: BF120492.D
 Acq: 2 Jun 2020 14:02

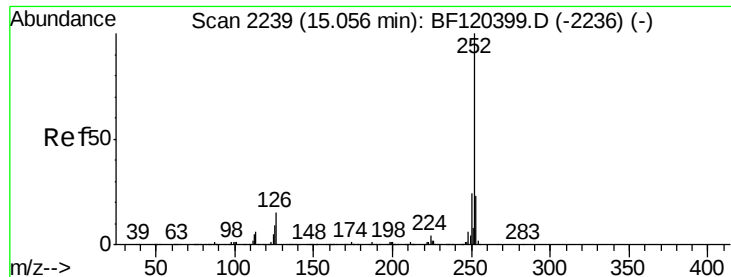
Tgt Ion:252 Resp: 4508354

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.2
125	11.0	8.2	12.4



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

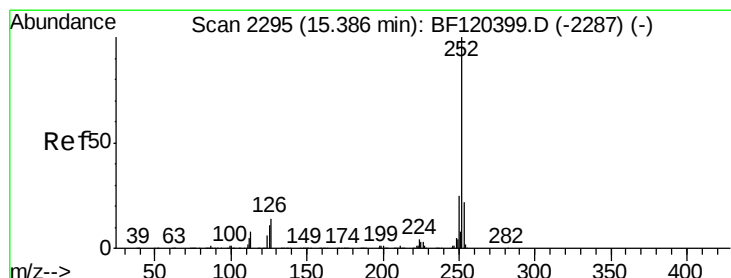
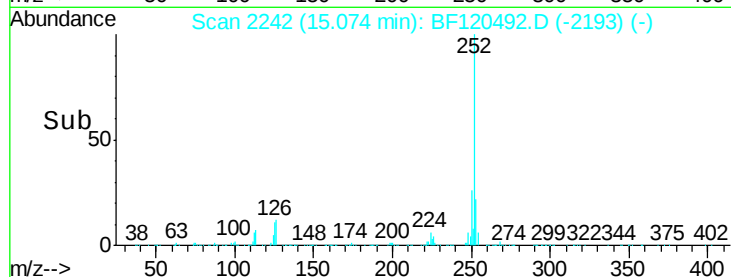
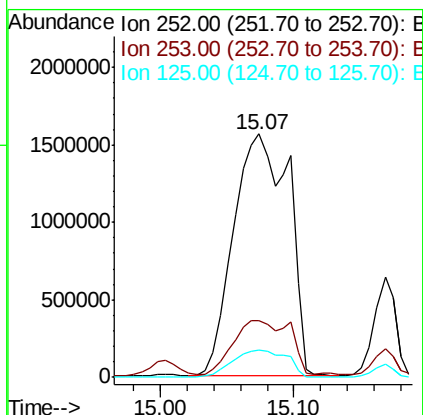
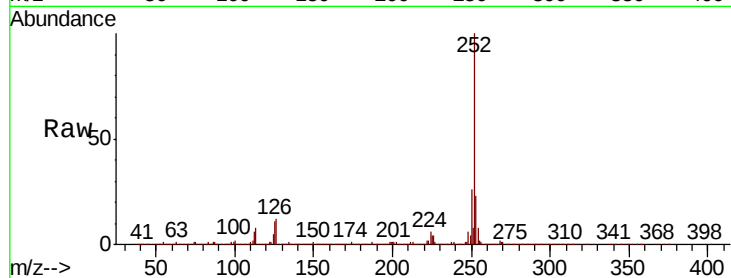




#89
Benzo(k)fluoranthene
Concen: 219.357 ng
RT: 15.07 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

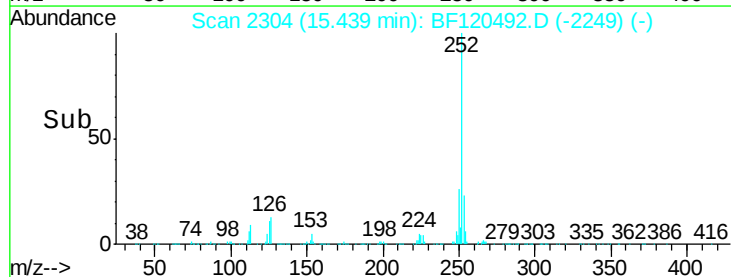
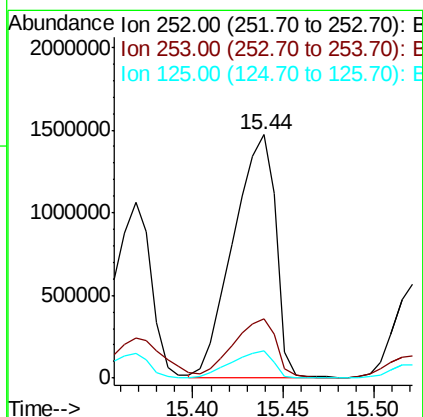
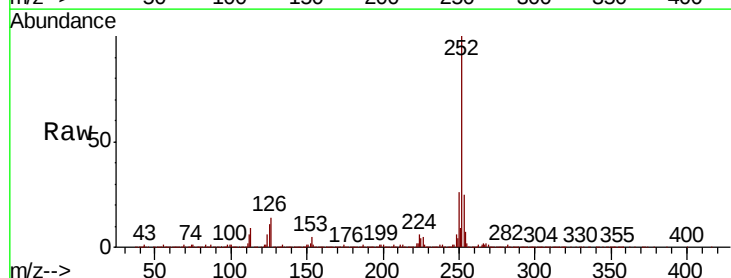
Instrument :
BNA_G
ClientSampleId :

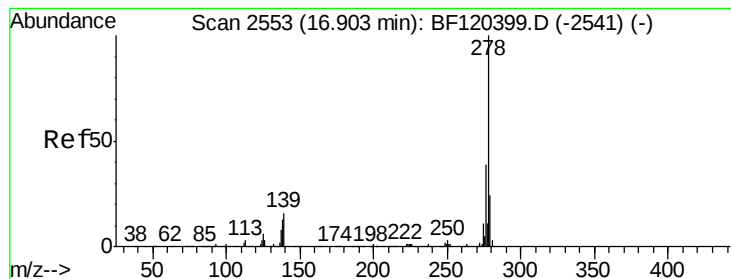
Tot Ion:252 Resp: 4508354
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.6
125 11.0 7.1 10.7#



#90
Benzo(a)pyrene
Concen: 123.288 ng
RT: 15.44 min Scan# 2304
Delta R.T. 0.02 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

Tgt Ion:252 Resp: 2374151
Ion Ratio Lower Upper
252 100
253 24.5 17.9 26.9
125 11.0 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 22.226 ng

RT: 17.12 min Scan# 2590

Delta R.T. 0.16 min

Lab File: BF120492.D

Acq: 2 Jun 2020 14:02

Instrument :

BNA_G

ClientSampleId :

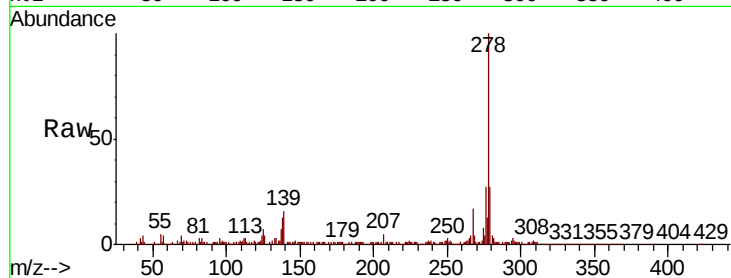
Tot Ion:278 Resp: 392842

Ion Ratio Lower Upper

278 100

139 16.1 12.2 18.4

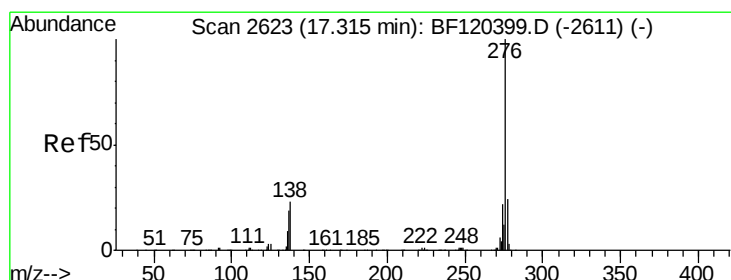
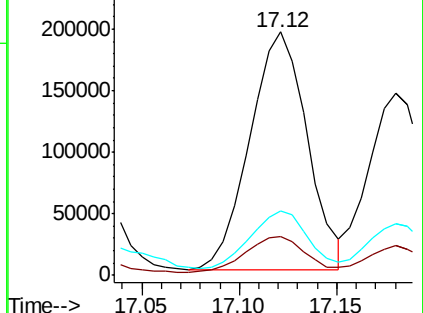
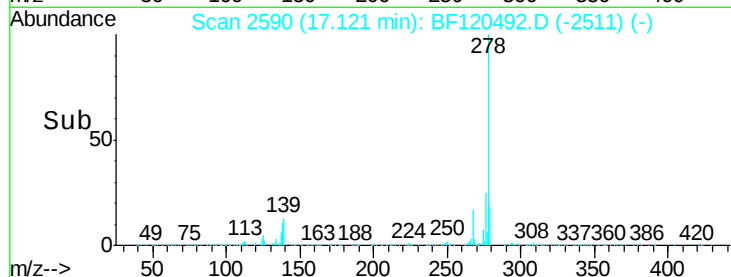
279 26.5 18.8 28.2



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: 64.847 ng

RT: 17.40 min Scan# 2638

Delta R.T. 0.02 min

Lab File: BF120492.D

Acq: 2 Jun 2020 14:02

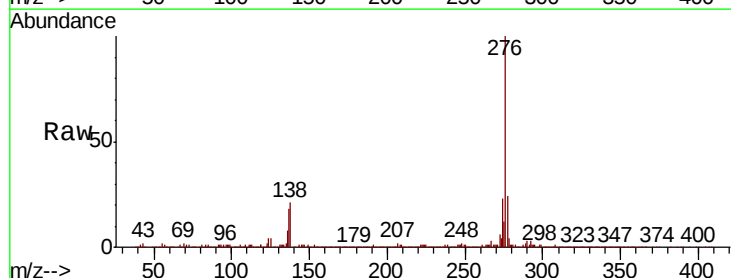
Tgt Ion:276 Resp: 1130436

Ion Ratio Lower Upper

276 100

277 24.3 18.8 28.2

138 21.0 16.8 25.2



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

