

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
 Data File : BF120114.D
 Acq On : 21 Apr 2020 20:41
 Operator : MA/SJ
 Sample : L2330-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 22 01:49:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 13:48:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	143130	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	527026	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	243201	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	356705	20.00	ng	0.00
76) Chrysene-d12	13.87	240	283319	20.00	ng	0.00
87) Perylene-d12	15.29	264	249936	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	588933	71.11	ng	0.00
7) Phenol-d6	6.33	99	750449	70.32	ng	0.00
23) Nitrobenzene-d5	7.26	82	469363	46.07	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	138870	46.64	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	864690	50.48	ng	0.00
79) Terphenyl-d14	12.81	244	658813	39.13	ng	0.00

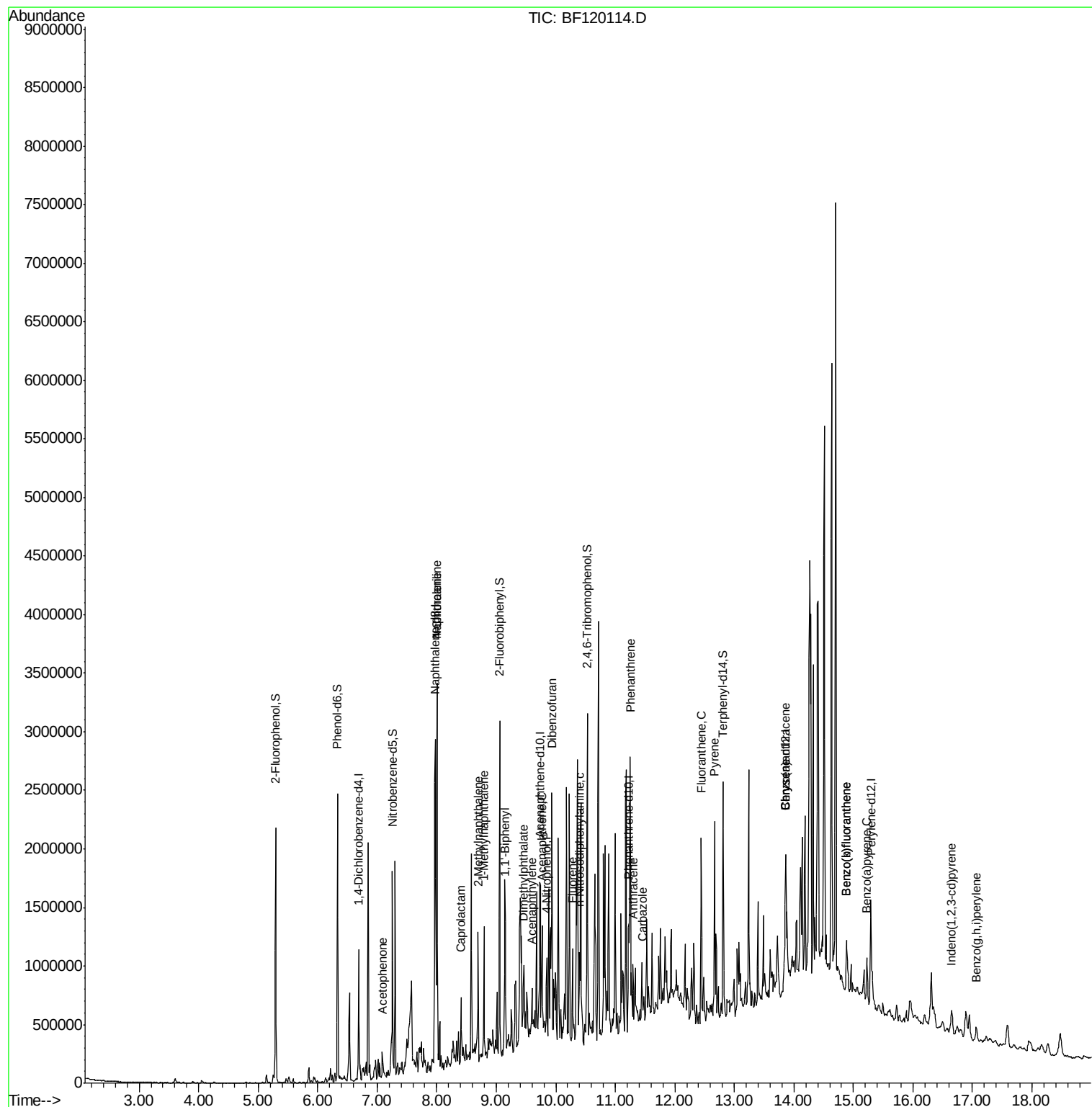
Target Compounds				Qvalue		
9) Benzaldehyde	6.25	77	2859	Below Cal	#	1
22) Acetophenone	7.10	105	37548	3.042 ng	#	87
31) Naphthalene	8.00	128	1220783	44.027 ng		99
33) 4-Chloroaniline	8.00	127	160700	13.313 ng	#	33
35) Caprolactam	8.41	113	10035	4.145 ng	#	11
37) 2-Methylnaphthalene	8.69	142	269547	14.338 ng		99
38) 1-Methylnaphthalene	8.79	142	257744	14.546 ng		98
46) 1,1'-Biphenyl	9.16	154	73561	3.584 ng		100
49) Acenaphthylene	9.59	152	71218	2.961 ng	#	89
50) Dimethylphthalate	9.46	163	117477	6.245 ng		99
52) Acenaphthene	9.77	154	155951	9.721 ng		95
55) Dibenzofuran	9.94	168	105531	4.794 ng	#	87
56) 4-Nitrophenol	9.84	139	9731	2.780 ng	#	54
58) Fluorene	10.29	166	209187	11.882 ng		98
66) n-Nitrosodiphenylamine	10.40	169	36644	3.089 ng	#	77
71) Phenanthrene	11.25	178	815768	42.971 ng		99
72) Anthracene	11.30	178	186189	9.601 ng		98
73) Carbazole	11.46	167	37868	2.065 ng	#	82
75) Fluoranthene	12.44	202	558701	27.275 ng		98
78) Pyrene	12.67	202	644332	26.977 ng		99
81) Benzo(a)anthracene	13.86	228	240068	12.880 ng	#	91
83) Chrysene	13.86	228	240068	12.676 ng		94
86) Indeno(1,2,3-cd)pyrene	16.66	276	89620	5.368 ng		99
88) Benzo(b)fluoranthene	14.89	252	271506	15.101 ng	#	96
89) Benzo(k)fluoranthene	14.89	252	271506	17.502 ng	#	96
90) Benzo(a)pyrene	15.23	252	166214	10.995 ng	#	96
92) Benzo(g,h,i)perylene	17.07	276	96954	7.335 ng		96

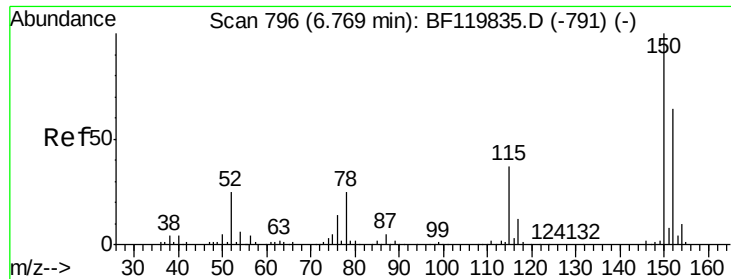
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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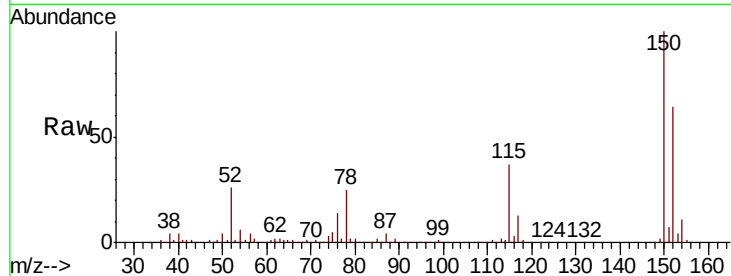


#1

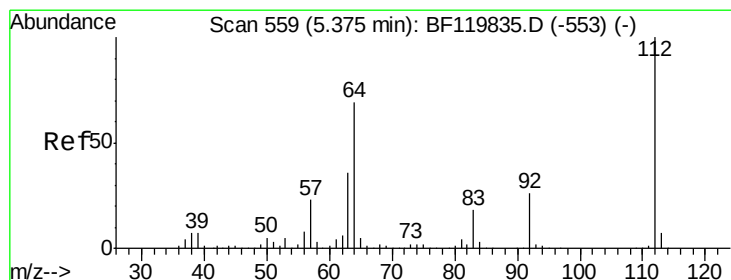
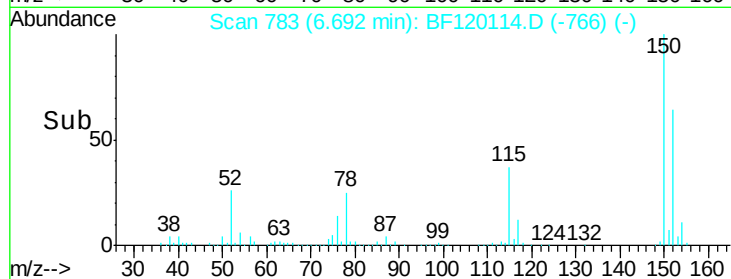
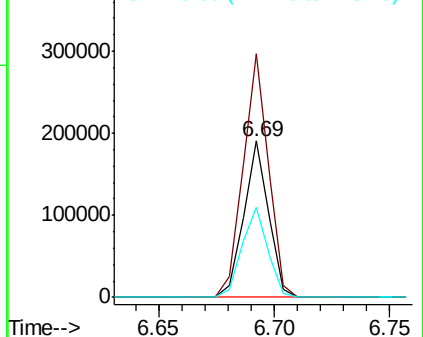
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF120114.D
Acq: 21 Apr 2020 20:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 143130
Ion Ratio Lower Upper
152 100
150 156.0 124.8 187.2
115 58.0 46.5 69.7



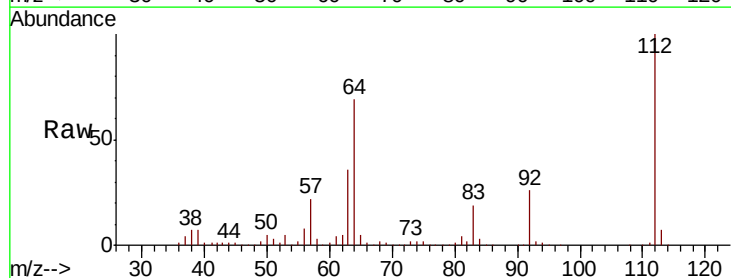
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



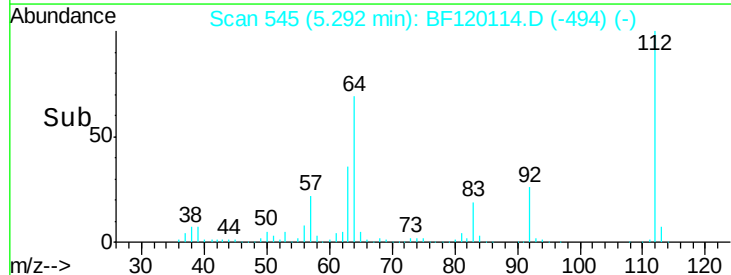
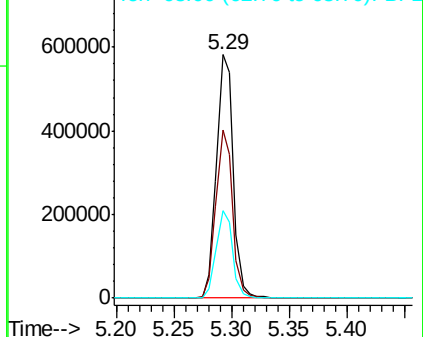
#5

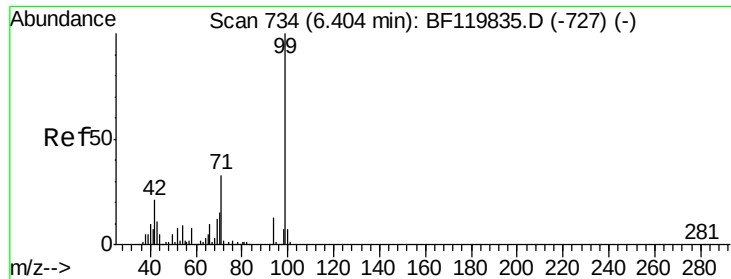
2-Fluorophenol
Concen: 71.109 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF120114.D
Acq: 21 Apr 2020 20:41

Tgt Ion:112 Resp: 588933
Ion Ratio Lower Upper
112 100
64 69.0 55.5 83.3
63 36.1 29.1 43.7



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: 70.320 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF120114.D

Acq: 21 Apr 2020 20:41

Instrument :

BNA_F

ClientSampleId :

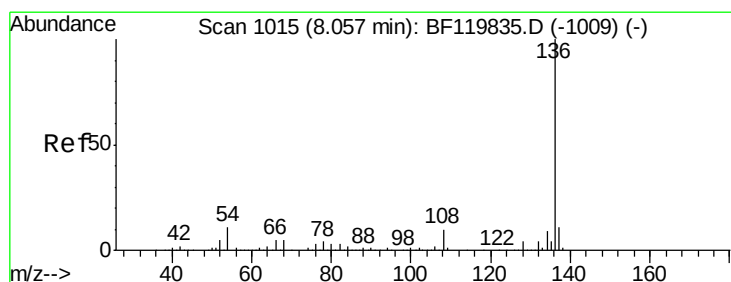
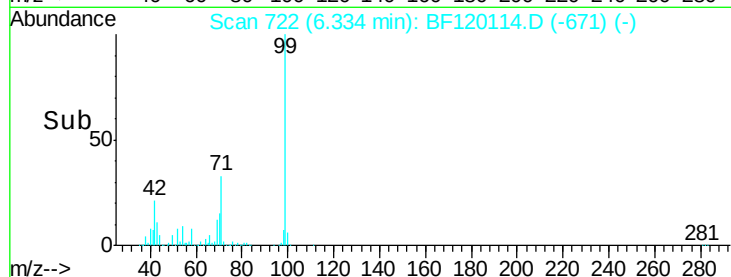
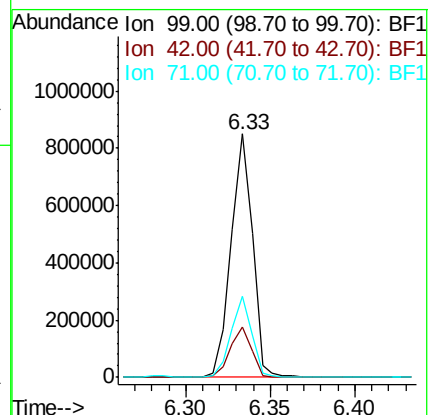
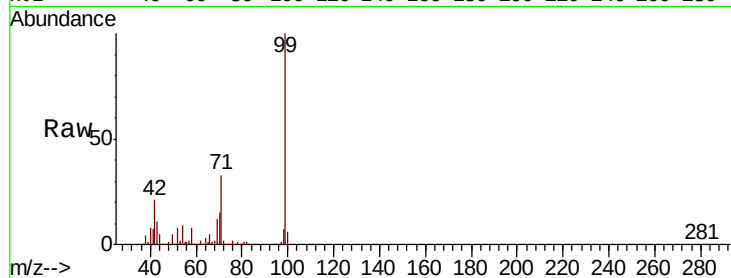
Tot Ion: 99 Resp: 750449

Ion Ratio Lower Upper

99 100

42 20.9 16.9 25.3

71 33.2 26.3 39.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.00 min

Lab File: BF120114.D

Acq: 21 Apr 2020 20:41

Tgt Ion: 136 Resp: 527026

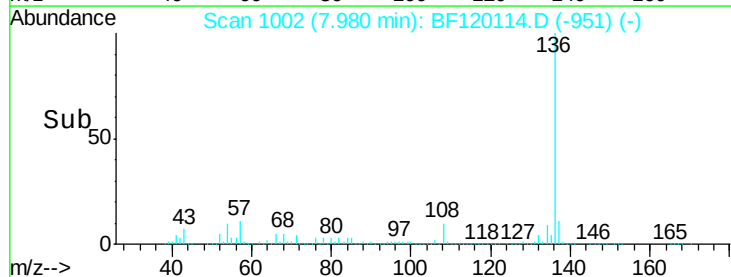
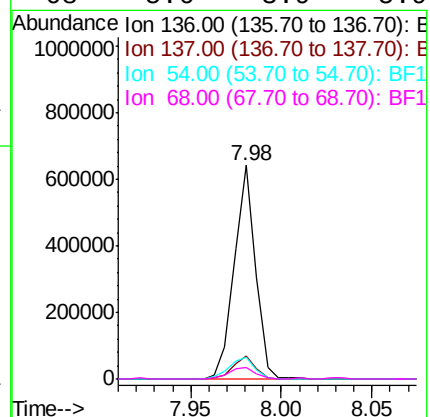
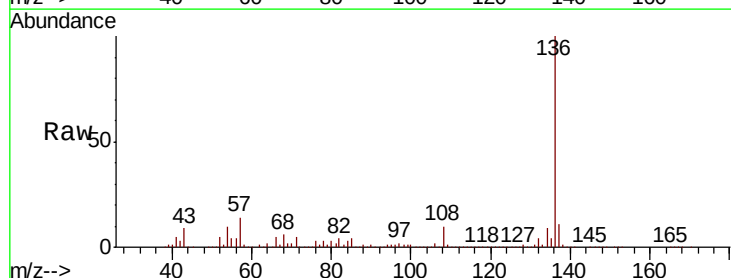
Ion Ratio Lower Upper

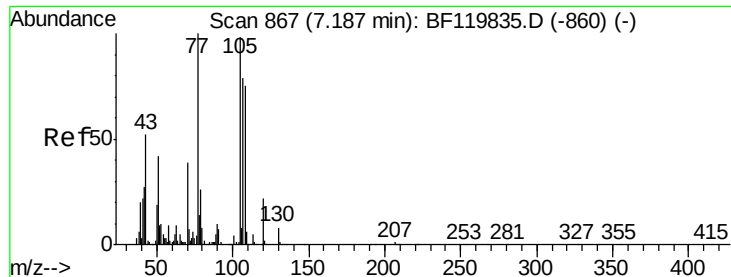
136 100

137 10.9 8.7 13.1

54 10.4 8.5 12.7

68 5.6 3.9 5.9





#22

Acetophenone

Concen: 3.042 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF120114.D

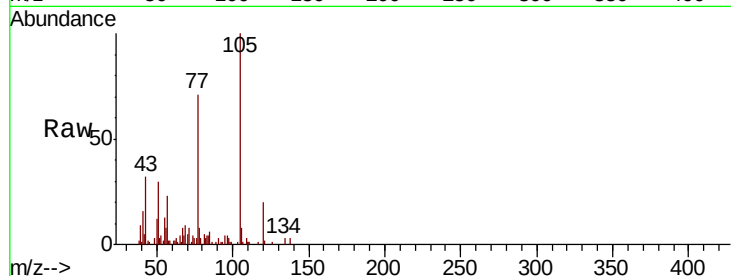
Acq: 21 Apr 2020 20:41

Instrument :

BNA_F

ClientSampled :

Tot Ion:	105	Resp:	37548
Ion Ratio	Lower	Upper	
105	100		
71	7.8	5.6	8.4
51	29.8	33.9	50.9#
120	20.5	17.8	26.8

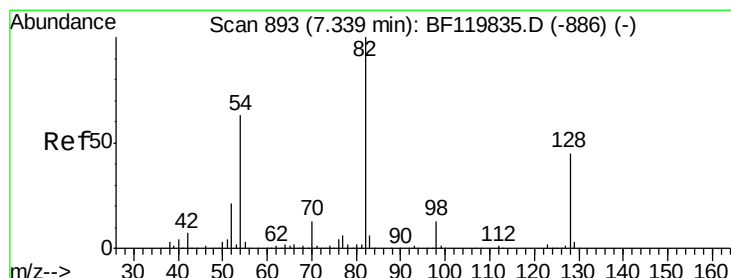
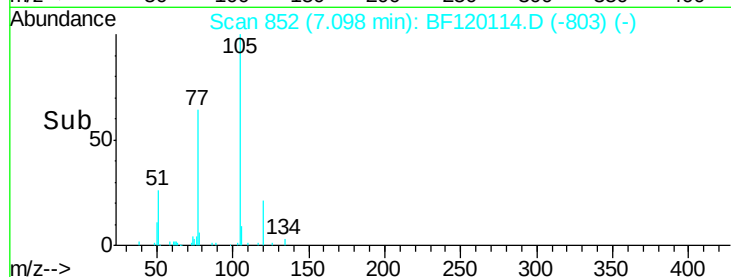
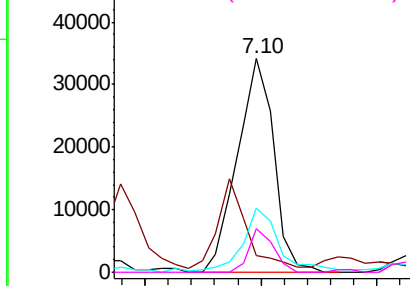


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 46.073 ng

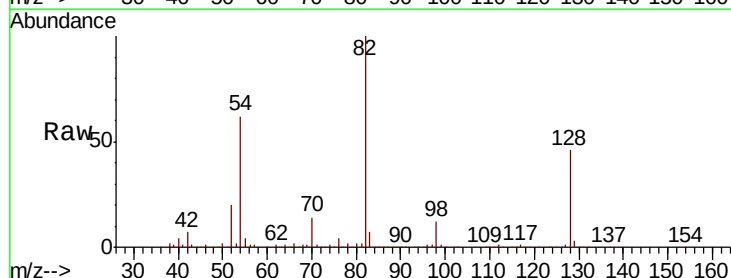
RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF120114.D

Acq: 21 Apr 2020 20:41

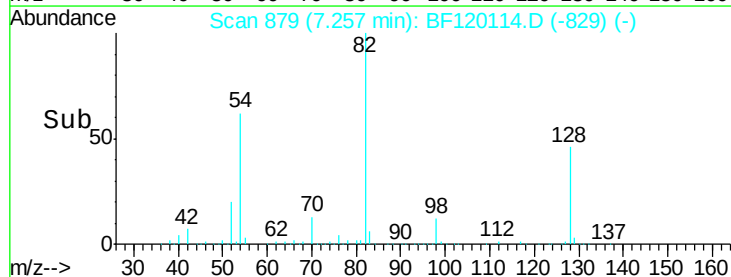
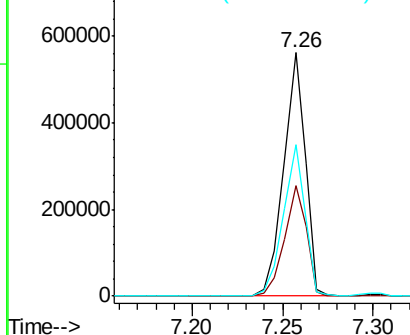
Tgt Ion:	82	Resp:	469363
Ion Ratio	Lower	Upper	
82	100		
128	45.6	36.2	54.4
54	62.3	50.4	75.6

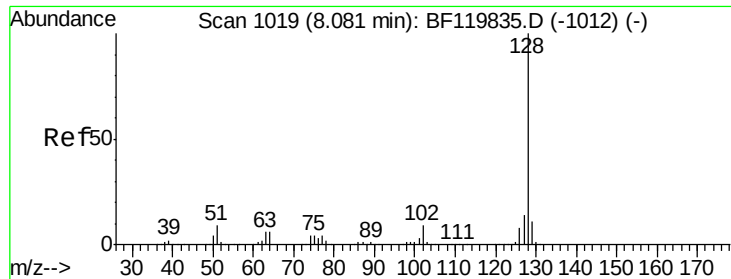


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

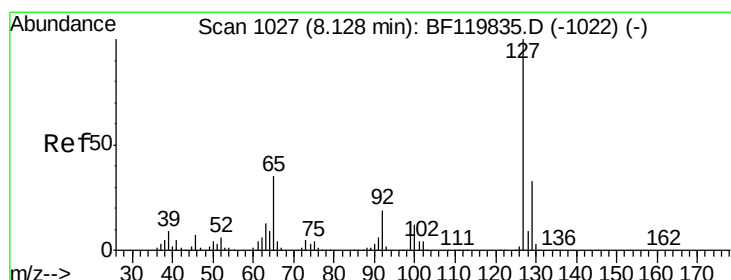
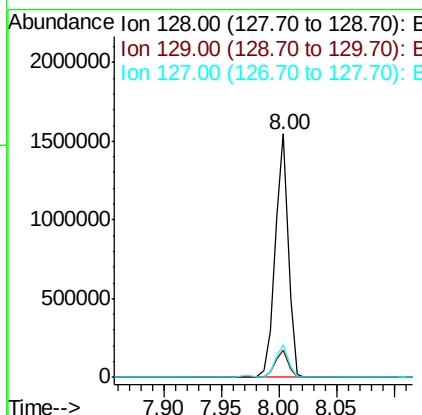
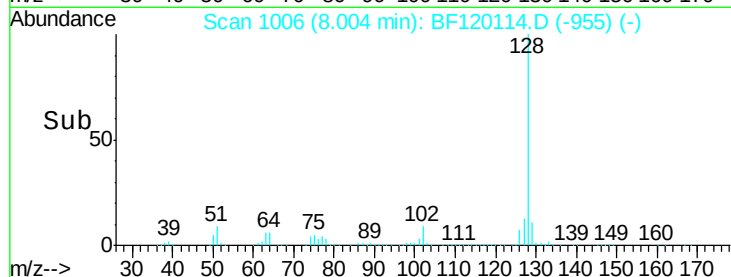
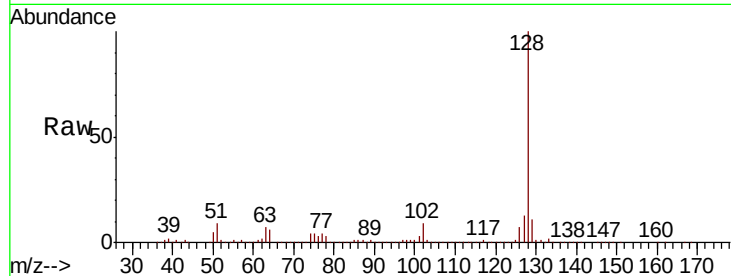




#31
Naphthalene
Concen: 44.027 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF120114.D
Acq: 21 Apr 2020 20:41

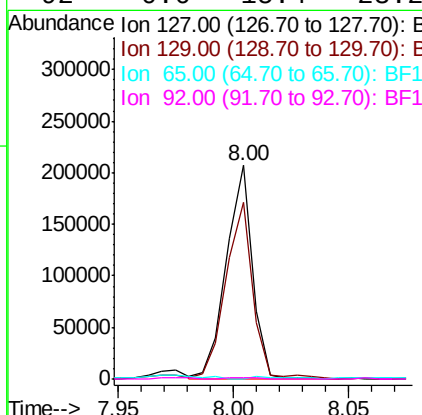
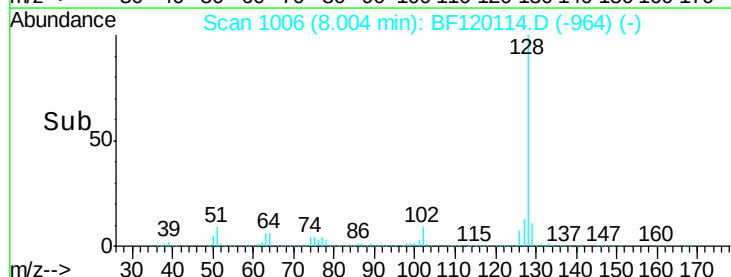
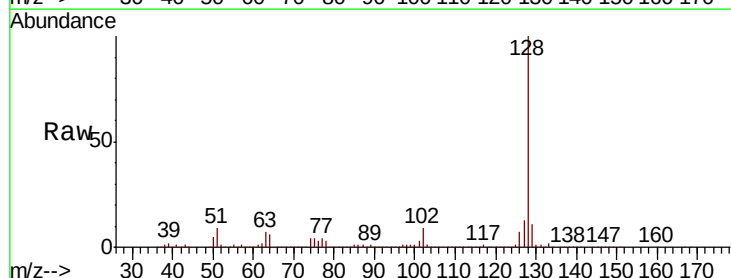
Instrument :
BNA_F
ClientSampleId :

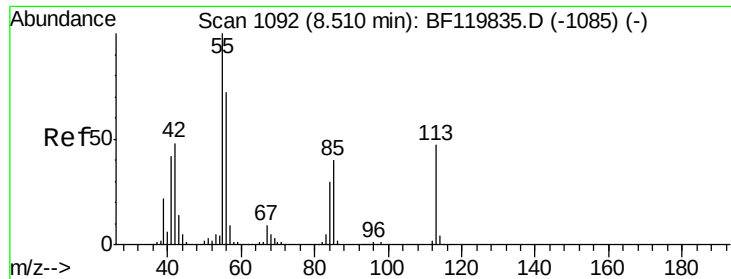
Tot Ion:128 Resp: 1220783
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.4 11.0 16.4



#33
4-Chloroaniline
Concen: 13.313 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.05 min
Lab File: BF120114.D
Acq: 21 Apr 2020 20:41

Tgt Ion:127 Resp: 160700
Ion Ratio Lower Upper
127 100
129 82.5 26.2 39.2#
65 0.0 28.3 42.5#
92 0.6 15.4 23.2#

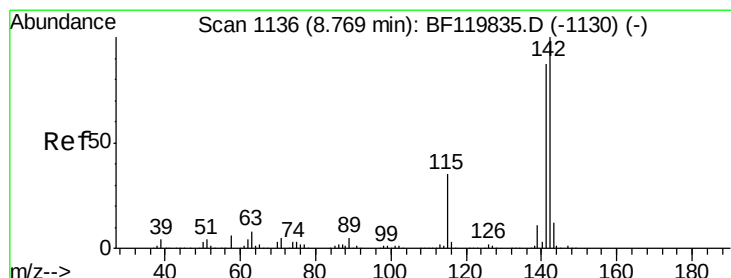
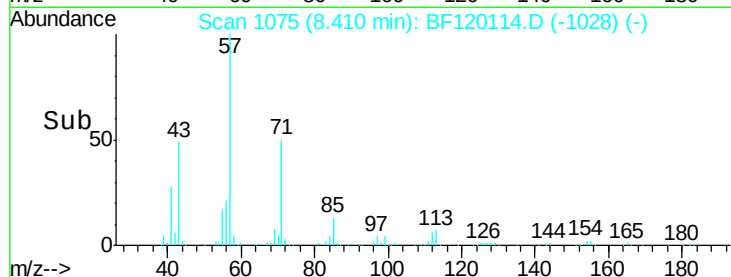
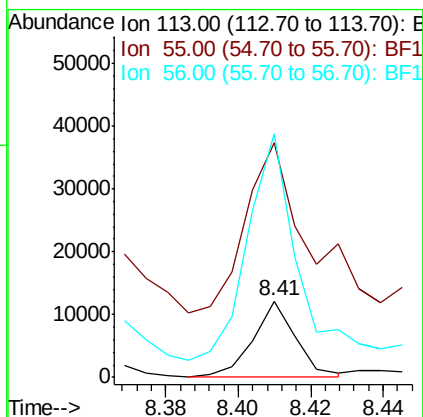
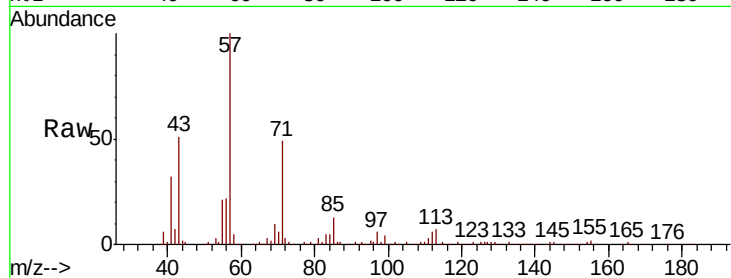




#35
 Caprolactam
 Concen: 4.145 ng
 RT: 8.41 min Scan# 1075
 Delta R.T. -0.02 min
 Lab File: BF120114.D
 Acq: 21 Apr 2020 20:41

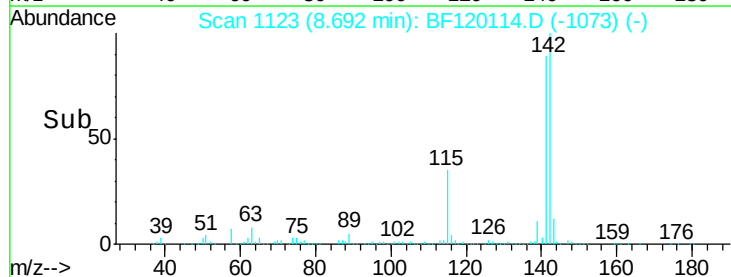
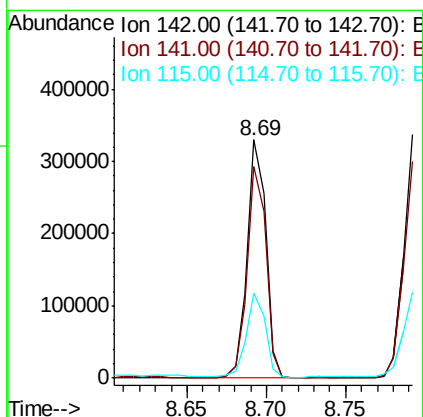
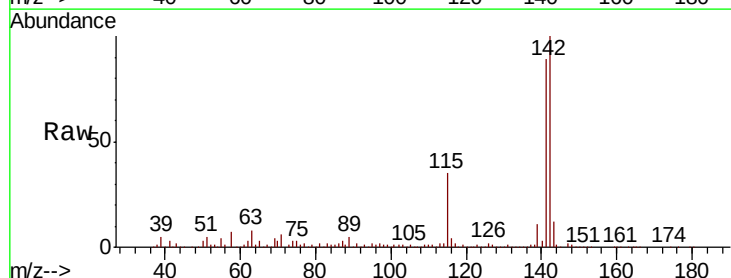
Instrument :
 BNA_F
 ClientSampleId :

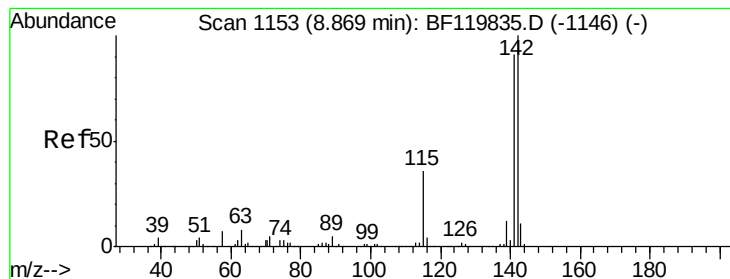
Tot Ion:113 Resp: 10035
 Ion Ratio Lower Upper
 113 100
 55 307.3 192.7 232.7#
 56 318.6 133.3 173.3#



#37
 2-Methylnaphthalene
 Concen: 14.338 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BF120114.D
 Acq: 21 Apr 2020 20:41

Tgt Ion:142 Resp: 269547
 Ion Ratio Lower Upper
 142 100
 141 88.8 69.9 104.9
 115 35.5 28.0 42.0





#38

1-Methylnaphthalene

Concen: 14.546 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BF120114.D

Acq: 21 Apr 2020 20:41

Instrument :

BNA_F

ClientSampled :

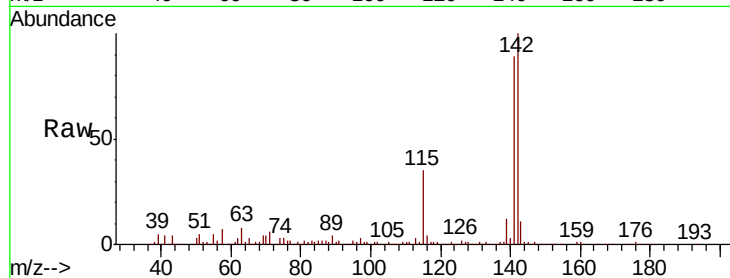
Tot Ion:142 Resp: 257744

Ion Ratio Lower Upper

142 100

141 89.2 72.9 109.3

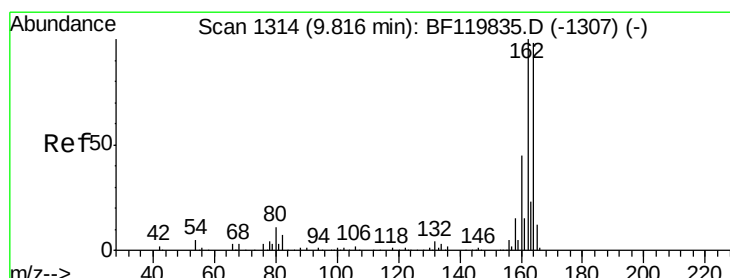
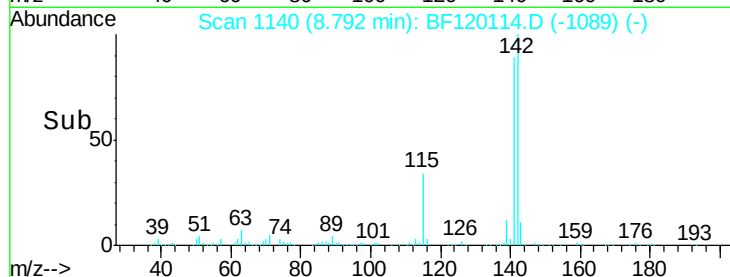
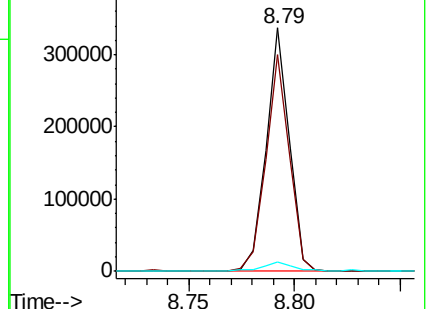
116 3.6 3.0 4.6



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: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF120114.D

Acq: 21 Apr 2020 20:41

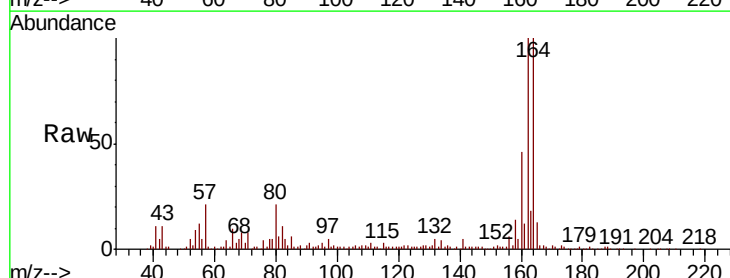
Tgt Ion:164 Resp: 243201

Ion Ratio Lower Upper

164 100

162 100.5 81.9 122.9

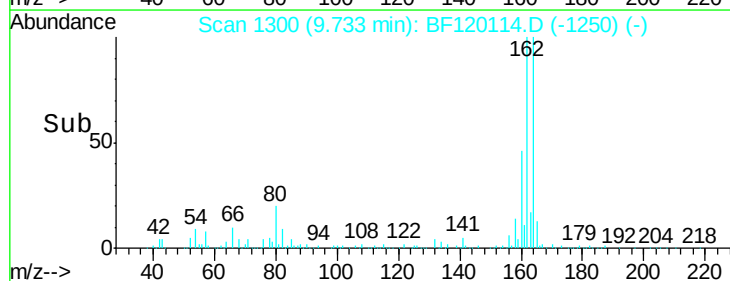
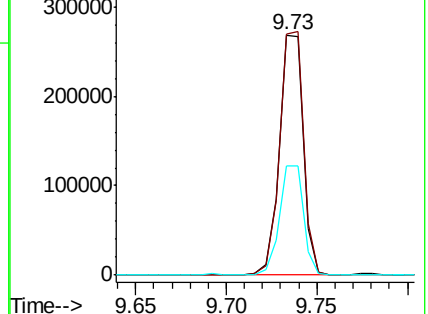
160 45.8 36.6 54.8

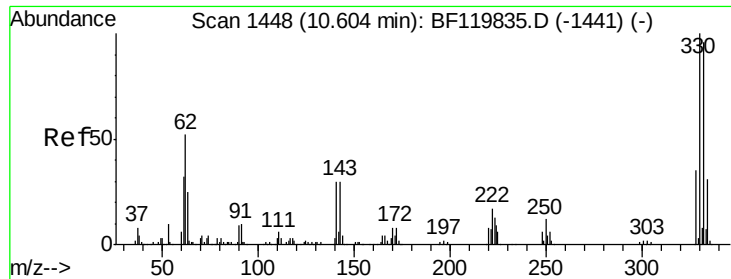


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

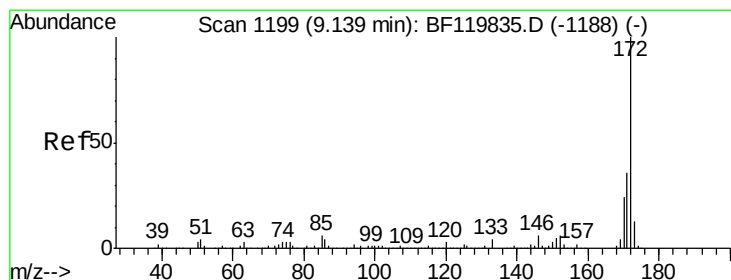
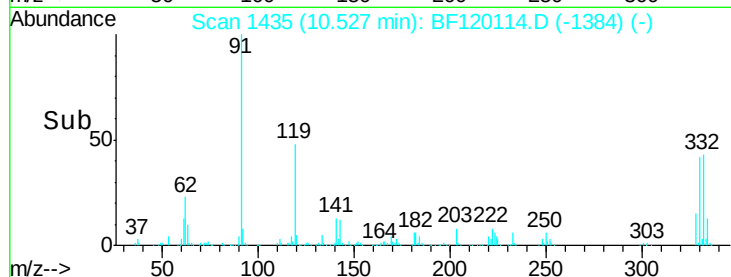
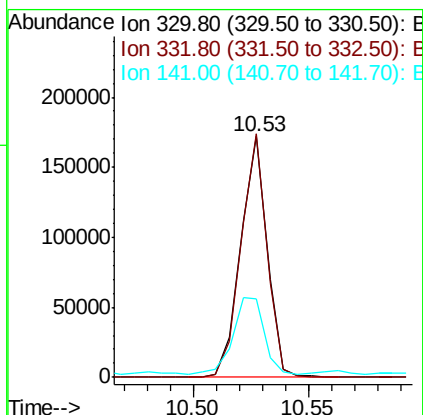
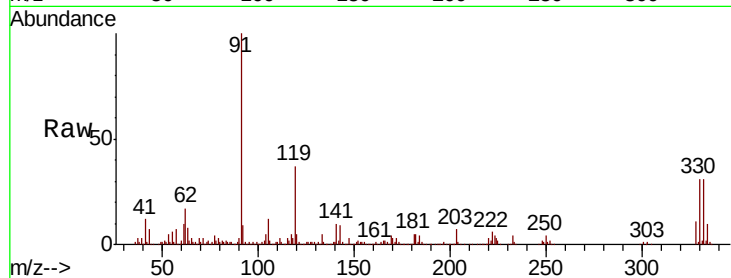




#42
 2,4,6-Tribromophenol
 Concen: 46.638 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: BF120114.D
 Acq: 21 Apr 2020 20:41

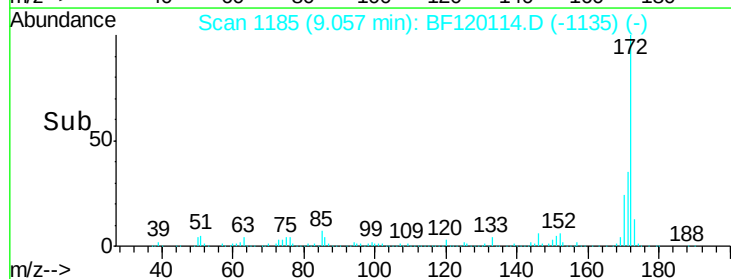
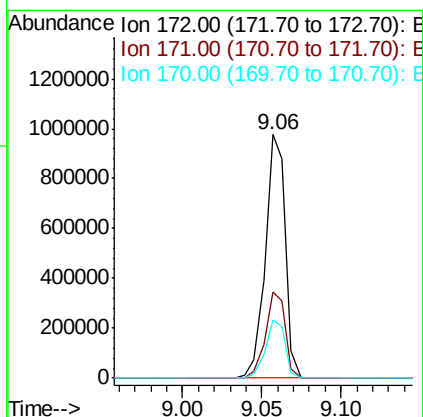
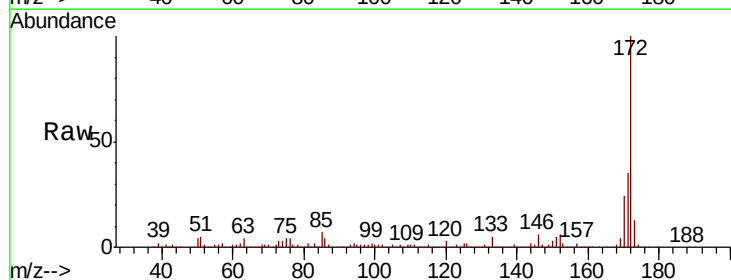
Instrument :
 BNA_F
 ClientSampleId :

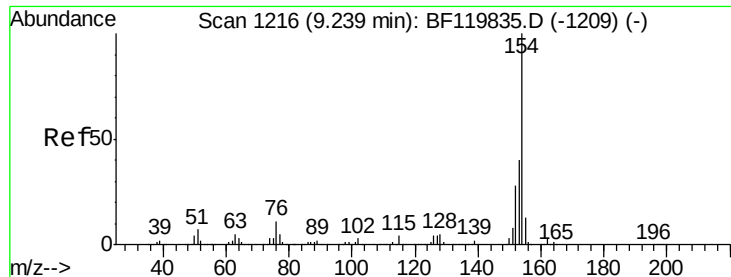
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	76.8	115.2
141	36.8	25.1	37.7



#45
 2-Fluorobiphenyl
 Concen: 50.480 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF120114.D
 Acq: 21 Apr 2020 20:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.9	43.3
170	23.9	19.4	29.2

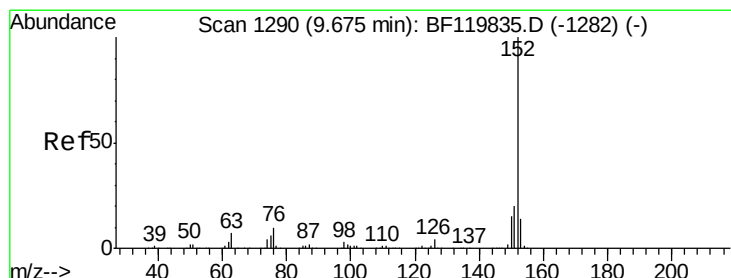
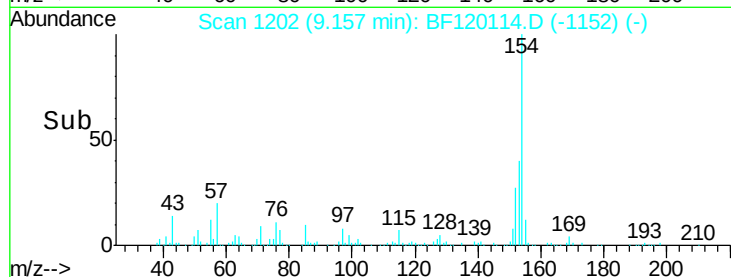
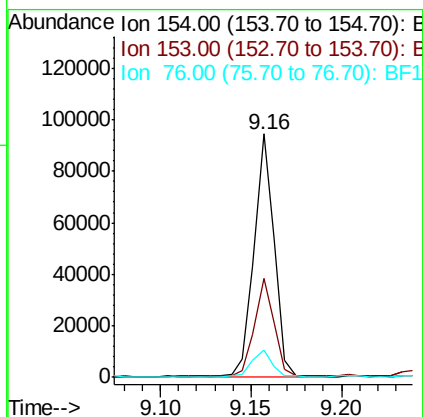
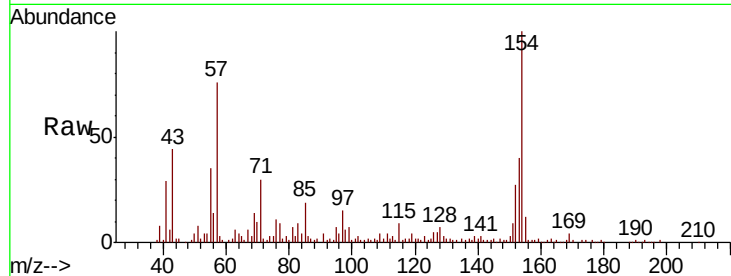




#46
 1,1'-Biphenyl
 Concen: 3.584 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF120114.D
 Acq: 21 Apr 2020 20:41

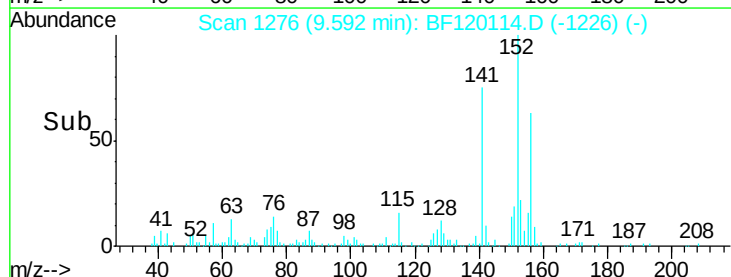
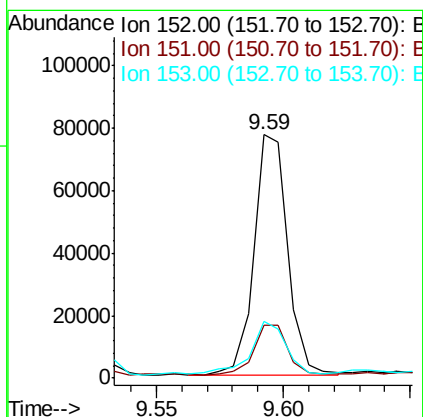
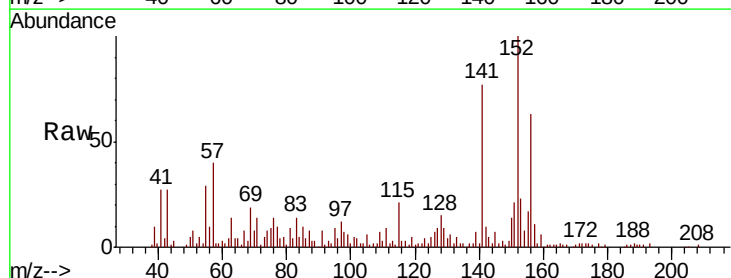
Instrument :
 BNA_F
 ClientSampleId :

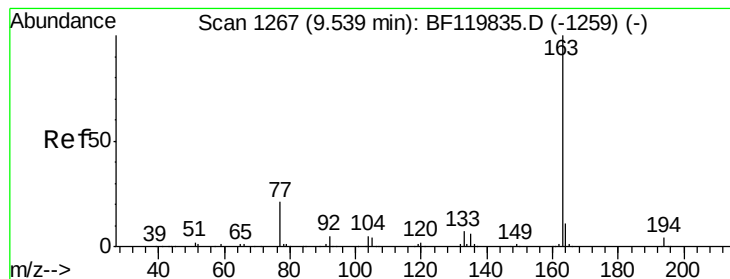
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.5	60.5
76	11.2	0.0	30.6



#49
 Acenaphthylene
 Concen: 2.961 ng
 RT: 9.59 min Scan# 1276
 Delta R.T. -0.01 min
 Lab File: BF120114.D
 Acq: 21 Apr 2020 20:41

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.2	24.4
153	23.4	10.9	16.3





#50

Dimethylphthalate

Concen: 6.245 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF120114.D

Acq: 21 Apr 2020 20:41

Instrument :

BNA_F

ClientSampleId :

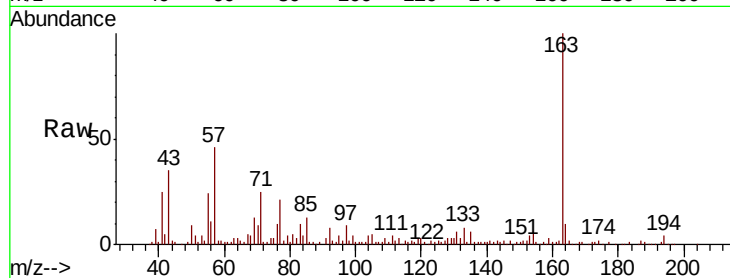
Tot Ion:163 Resp: 117477

Ion Ratio Lower Upper

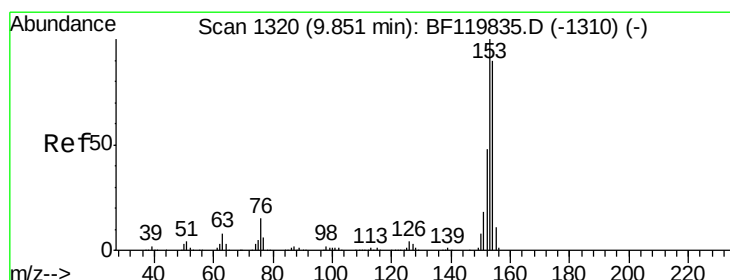
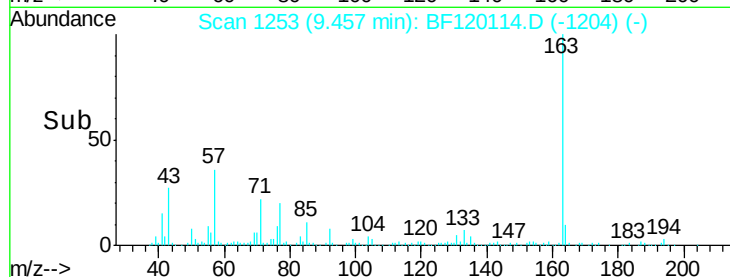
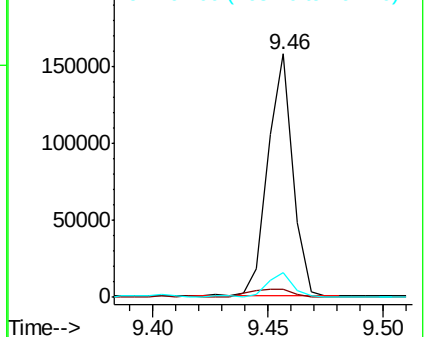
163 100

194 3.5 3.0 4.4

164 10.0 8.4 12.6



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: 9.721 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF120114.D

Acq: 21 Apr 2020 20:41

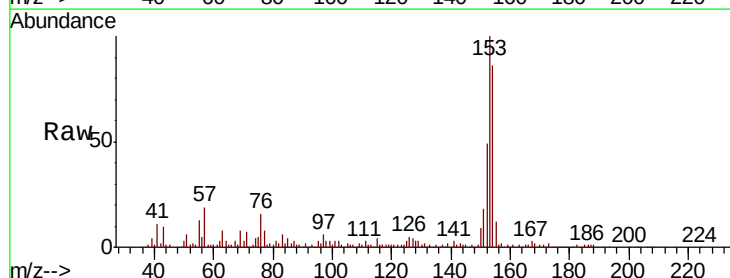
Tgt Ion:154 Resp: 155951

Ion Ratio Lower Upper

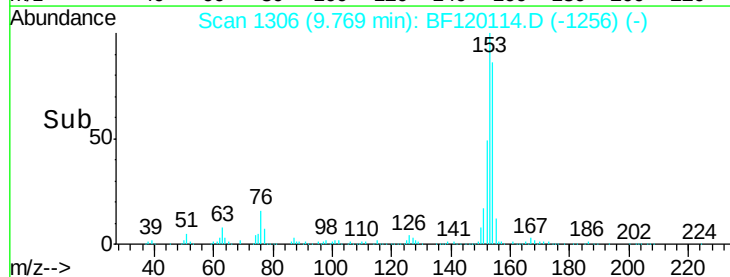
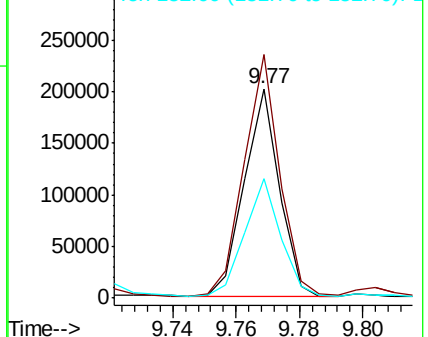
154 100

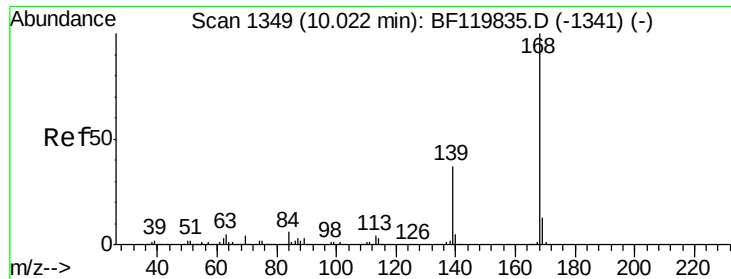
153 116.3 88.8 133.2

152 57.2 42.4 63.6



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

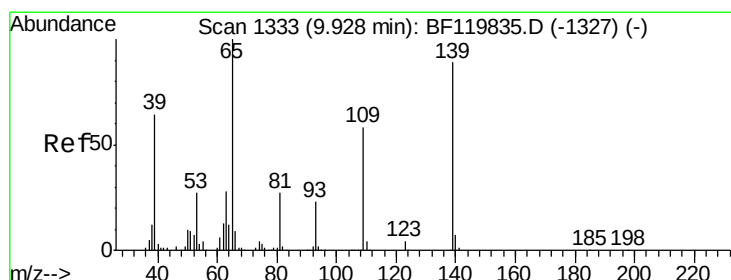
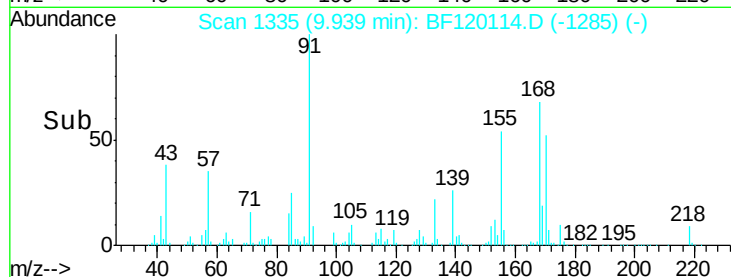
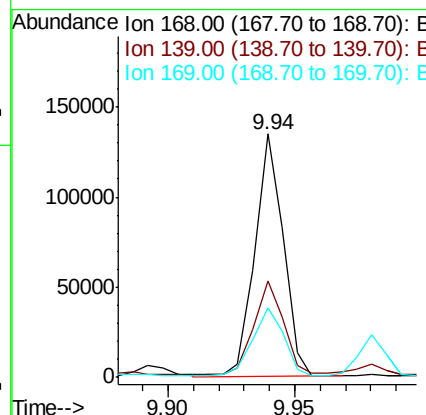
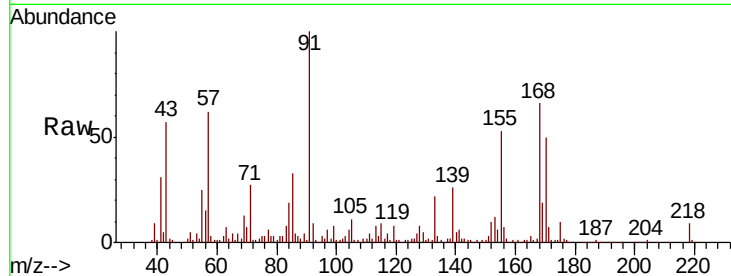




#55
Dibenzofuran
Concen: 4.794 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF120114.D
Acq: 21 Apr 2020 20:41

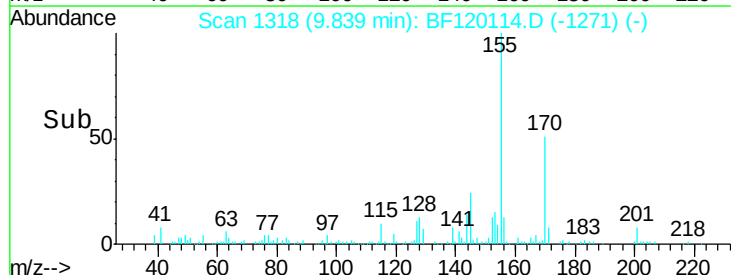
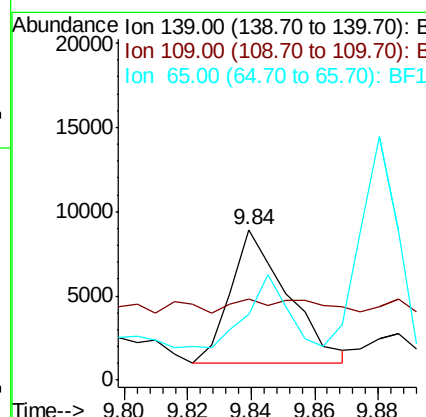
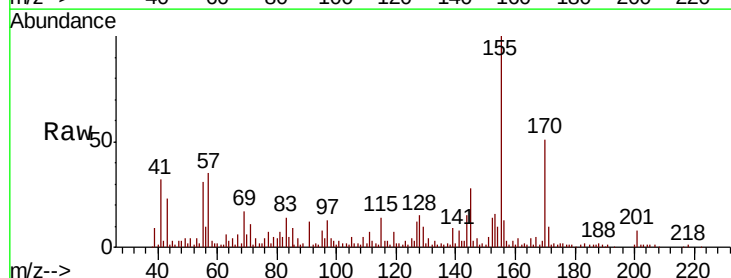
Instrument :
BNA_F
ClientSampled :

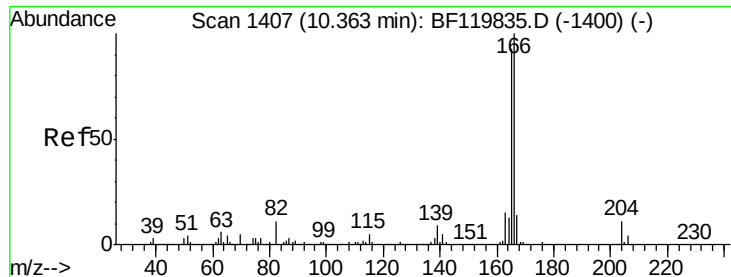
Tot Ion:168 Resp: 105531
Ion Ratio Lower Upper
168 100
139 39.4 29.8 44.6
169 28.5 10.6 15.8#



#56
4-Nitrophenol
Concen: 2.780 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF120114.D
Acq: 21 Apr 2020 20:41

Tgt Ion:139 Resp: 9731
Ion Ratio Lower Upper
139 100
109 54.0 45.5 85.5
65 44.0 92.3 132.3#

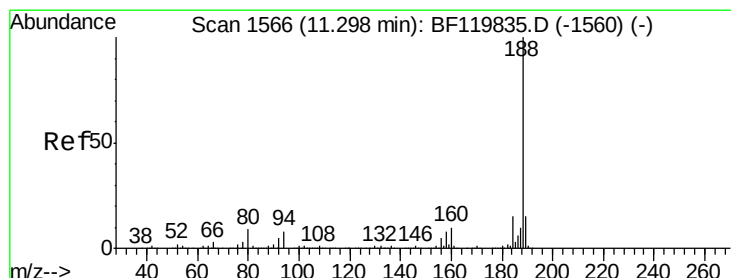
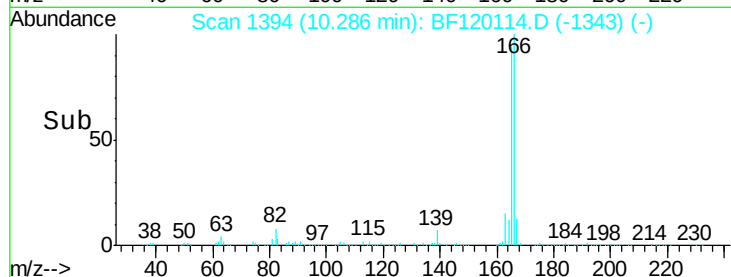
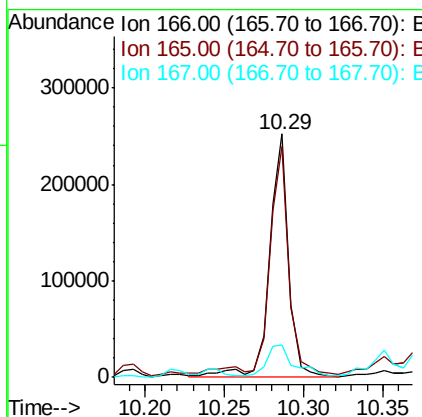
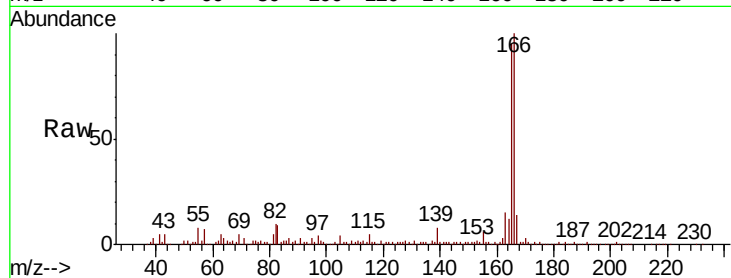




#58
 Fluorene
 Concen: 11.882 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.00 min
 Lab File: BF120114.D
 Acq: 21 Apr 2020 20:41

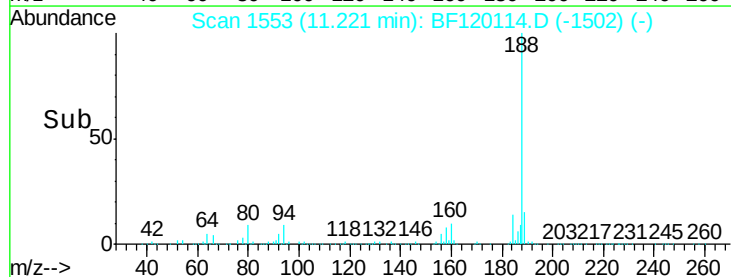
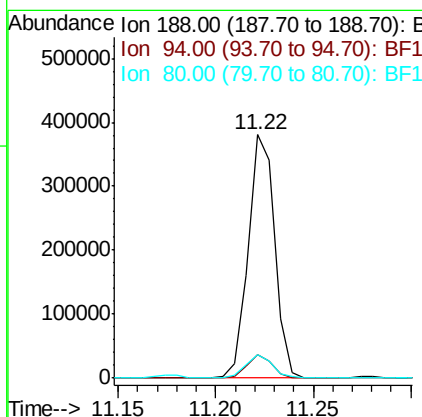
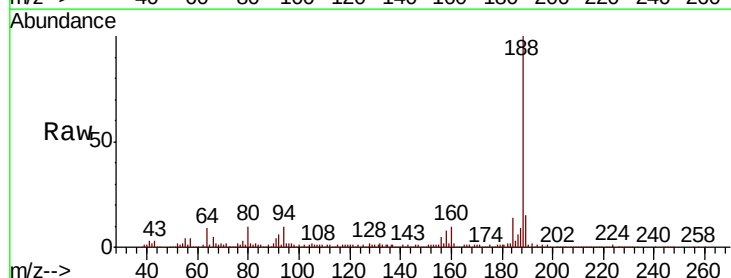
Instrument :
 BNA_F
 ClientSampleId :

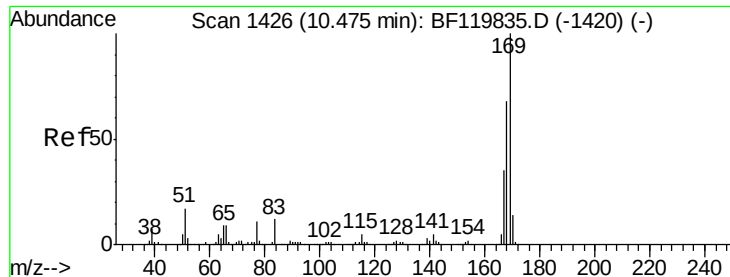
Tot Ion	Ratio	Lower	Upper
166	100		
165	94.7	74.2	111.2
167	13.6	10.8	16.2



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. -0.00 min
 Lab File: BF120114.D
 Acq: 21 Apr 2020 20:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	6.7	10.1
80	9.7	7.4	11.2





#66

n-Nitrosodiphenylamine

Concen: 3.089 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BF120114.D

Acq: 21 Apr 2020 20:41

Instrument :

BNA_F

ClientSampled :

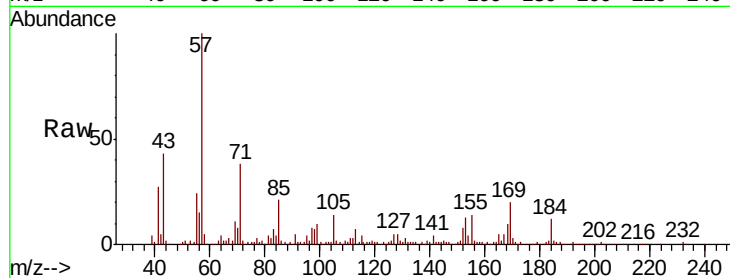
Tot Ion:169 Resp: 36644

Ion Ratio Lower Upper

169 100

168 48.2 54.2 81.4#

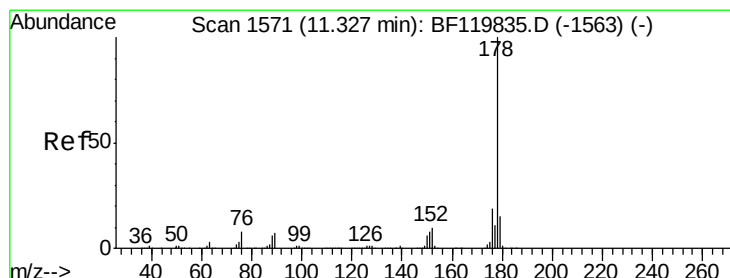
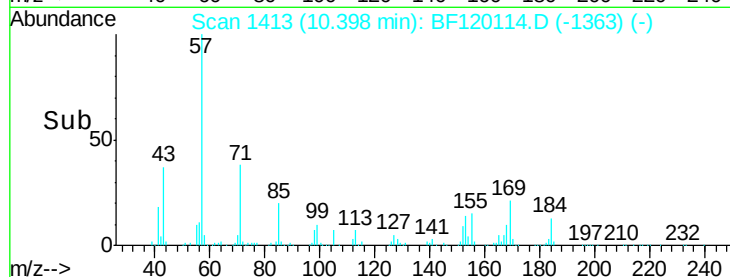
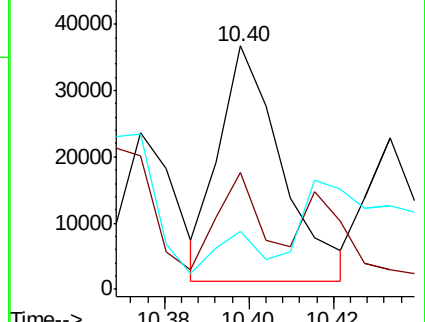
167 23.7 28.3 42.5#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#71

Phenanthrene

Concen: 42.971 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BF120114.D

Acq: 21 Apr 2020 20:41

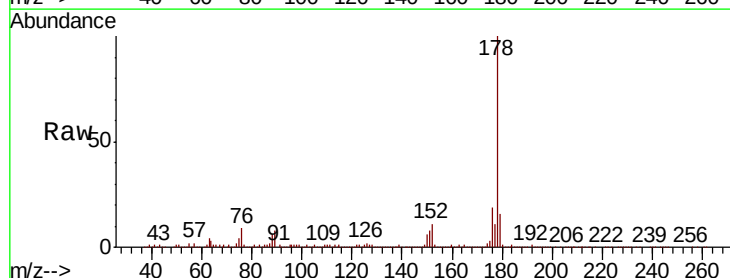
Tgt Ion:178 Resp: 815768

Ion Ratio Lower Upper

178 100

176 19.4 15.1 22.7

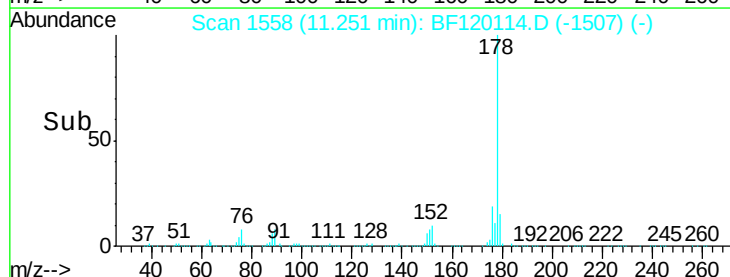
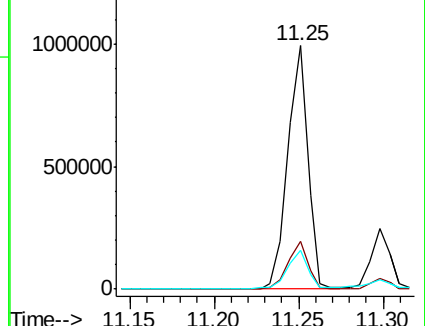
179 16.0 12.2 18.4

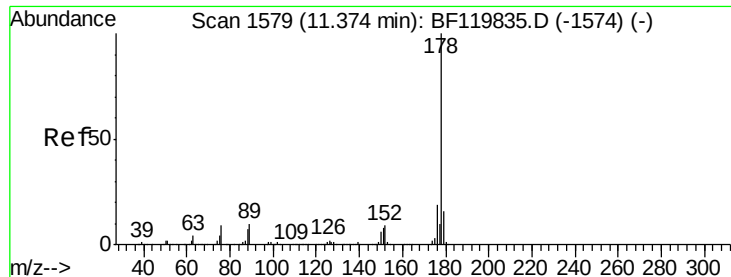


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 9.601 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.00 min

Lab File: BF120114.D

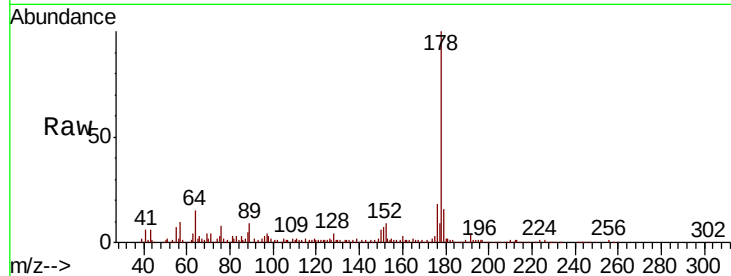
Acq: 21 Apr 2020 20:41

Instrument :

BNA_F

ClientSampled :

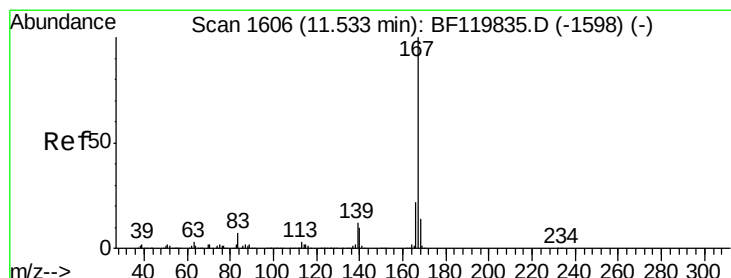
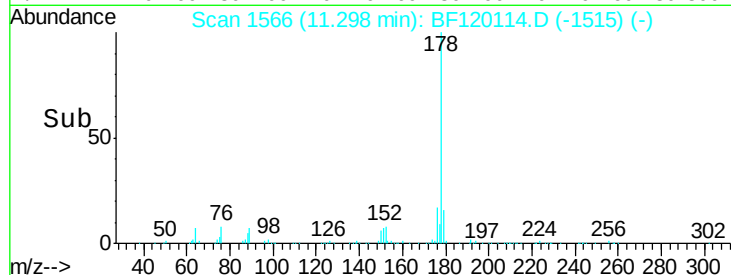
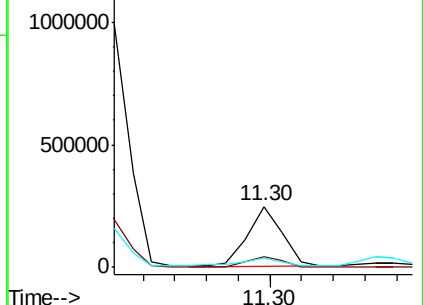
Tot Ion:178	Resp:	186189
Ion Ratio	Lower	Upper
178	100	
176	17.6	15.4 23.2
179	16.2	12.8 19.2



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



#73

Carbazole

Concen: 2.065 ng

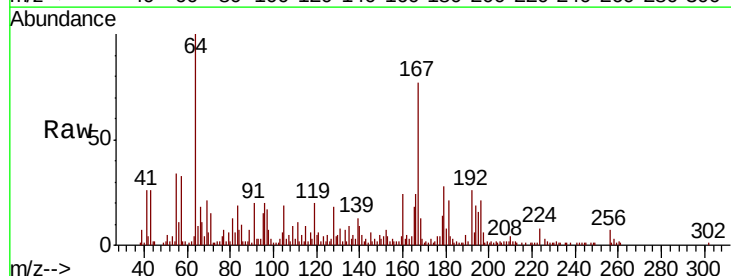
RT: 11.46 min Scan# 1593

Delta R.T. -0.00 min

Lab File: BF120114.D

Acq: 21 Apr 2020 20:41

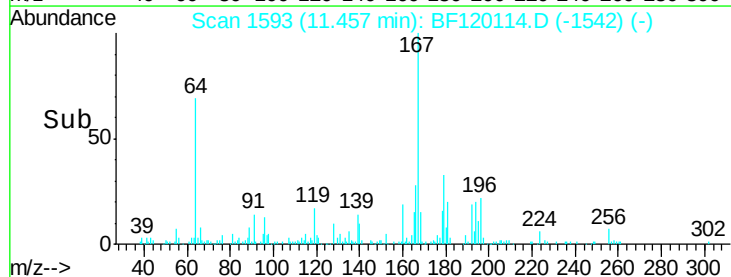
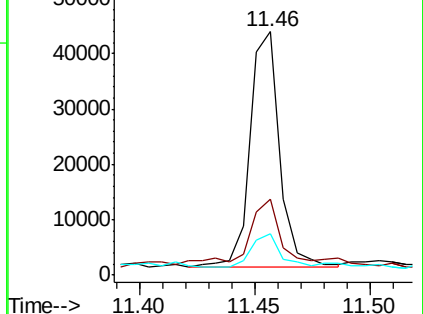
Tgt Ion:167	Resp:	37868
Ion Ratio	Lower	Upper
167	100	
166	31.4	17.4 26.0#
139	17.1	9.8 14.8#

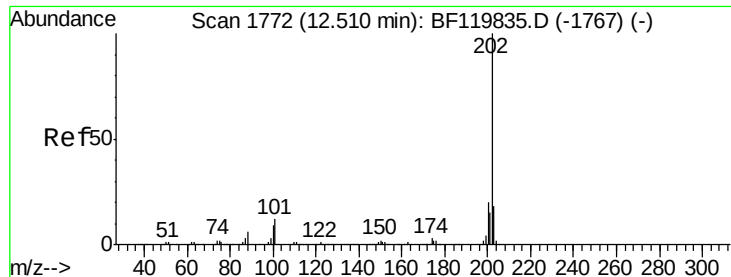


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 27.275 ng

RT: 12.44 min Scan# 1761

Delta R.T. 0.01 min

Lab File: BF120114.D

Acq: 21 Apr 2020 20:41

Instrument :

BNA_F

ClientSampleId :

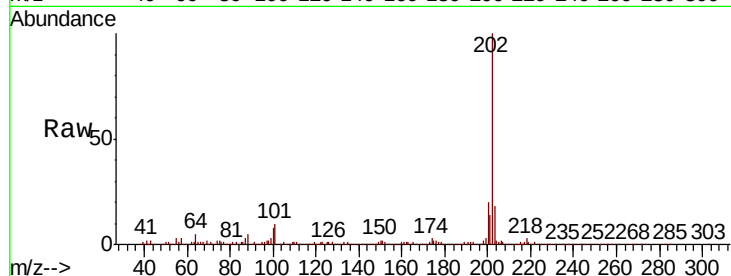
Tot Ion:202 Resp: 558701

Ion Ratio Lower Upper

202 100

101 10.4 0.0 32.3

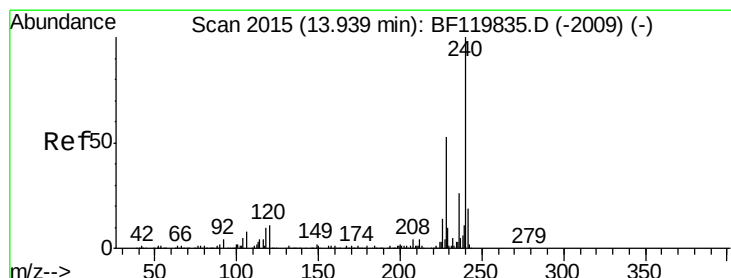
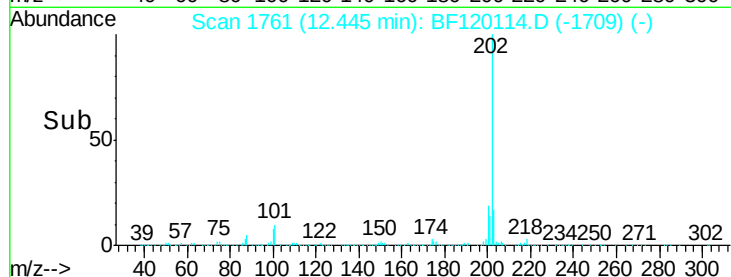
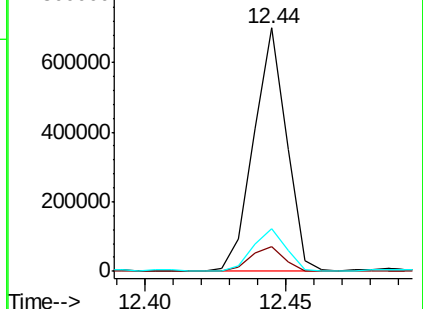
203 17.6 0.0 37.6



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: 13.87 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BF120114.D

Acq: 21 Apr 2020 20:41

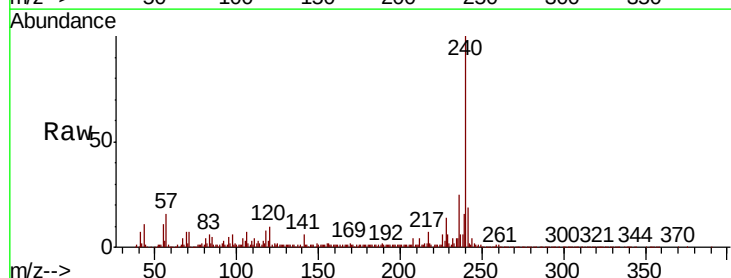
Tgt Ion:240 Resp: 283319

Ion Ratio Lower Upper

240 100

120 10.3 9.0 13.6

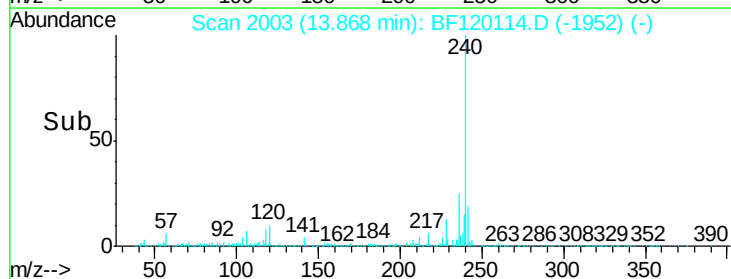
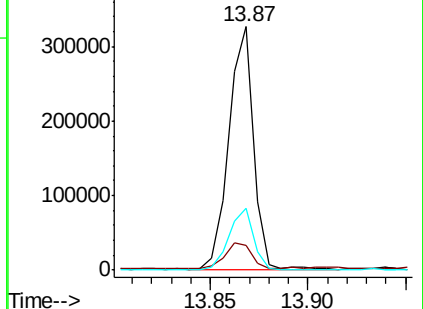
236 25.3 20.7 31.1

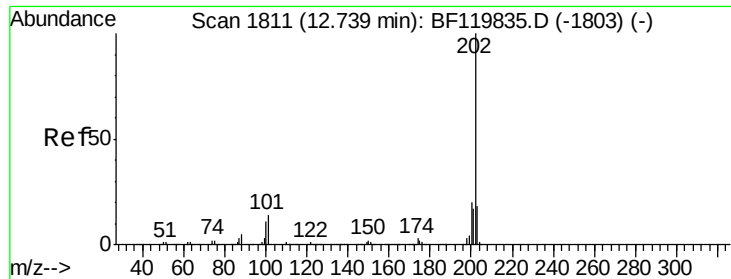


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

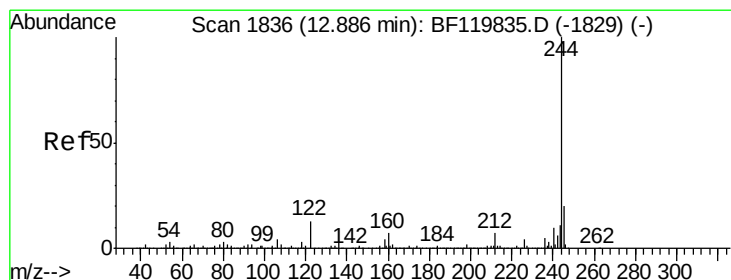
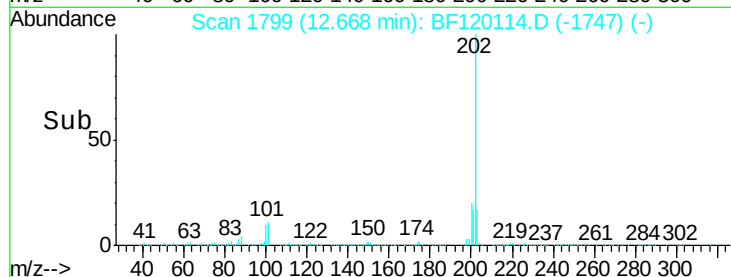
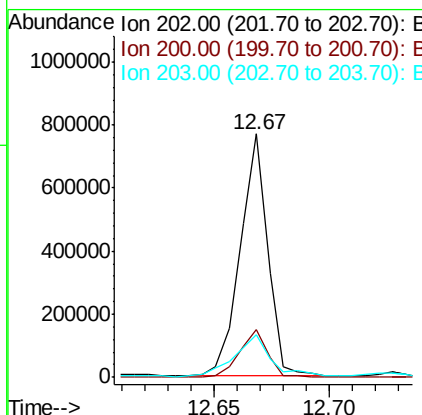
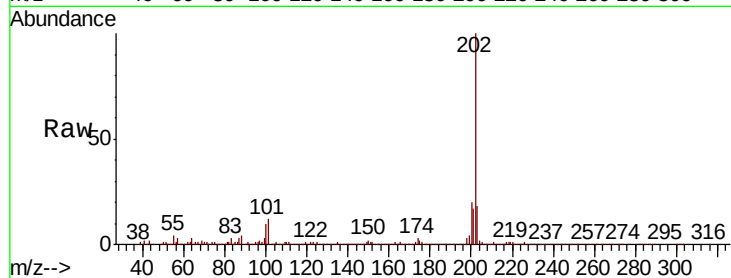




#78
Pvrene
Concen: 26.977 ng
RT: 12.67 min Scan# 1799
Delta R.T. 0.01 min
Lab File: BF120114.D
Acq: 21 Apr 2020 20:41

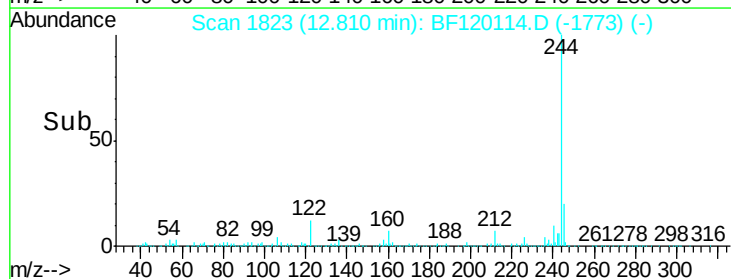
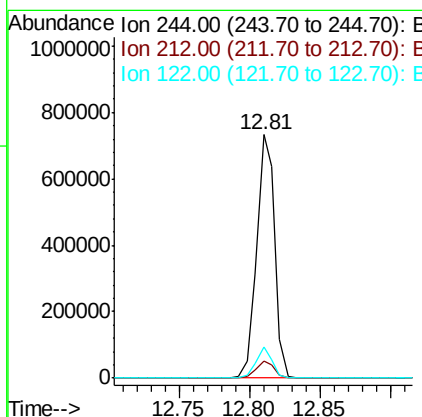
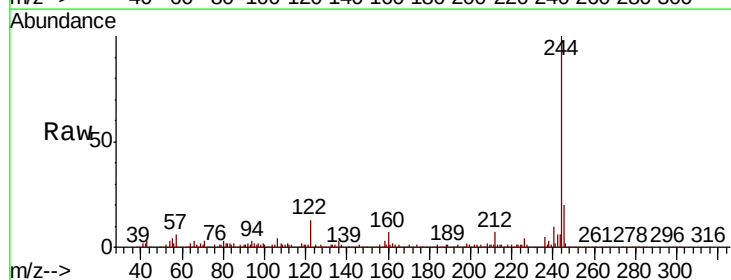
Instrument :
BNA_F
ClientSampleId :

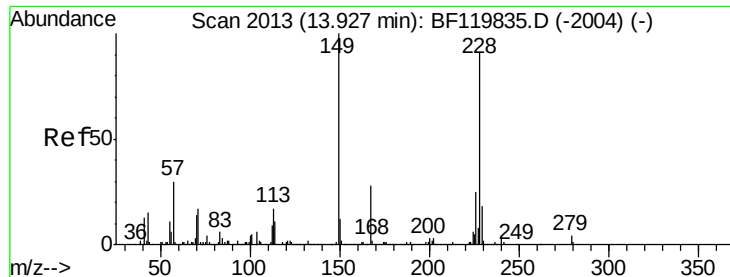
Tot Ion	Ratio	Lower	Upper
202	100		
200	19.7	16.2	24.2
203	17.7	14.1	21.1



#79
Terphenyl-d14
Concen: 39.127 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF120114.D
Acq: 21 Apr 2020 20:41

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.6	10.3	15.5





#81

Benzo(a)anthracene

Concen: 12.880 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BF120114.D

Acq: 21 Apr 2020 20:41

Instrument :

BNA_F

ClientSampleId :

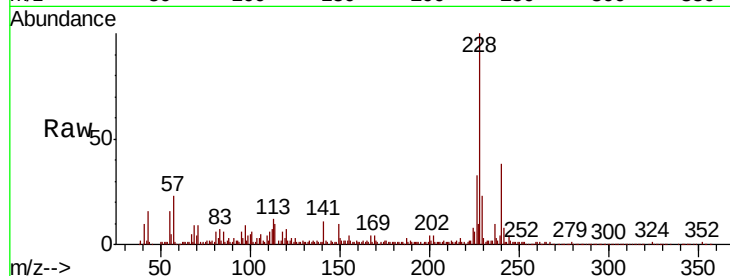
Tot Ion:228 Resp: 240068

Ion Ratio Lower Upper

228 100

226 33.2 21.9 32.9#

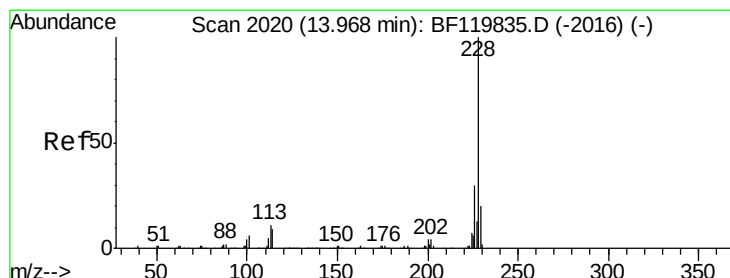
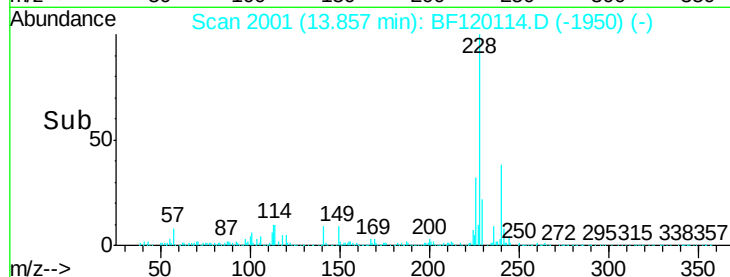
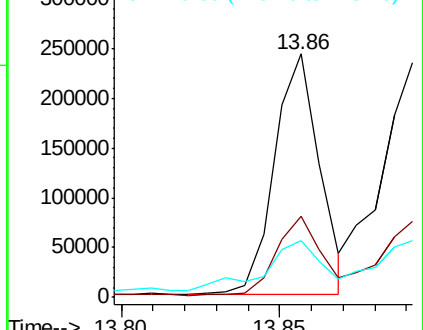
229 23.1 15.9 23.9



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: 12.676 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.04 min

Lab File: BF120114.D

Acq: 21 Apr 2020 20:41

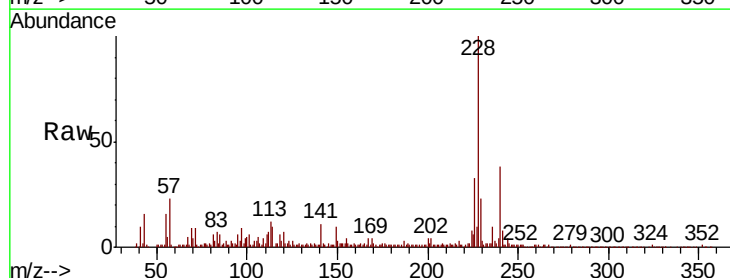
Tgt Ion:228 Resp: 240068

Ion Ratio Lower Upper

228 100

226 33.2 24.2 36.2

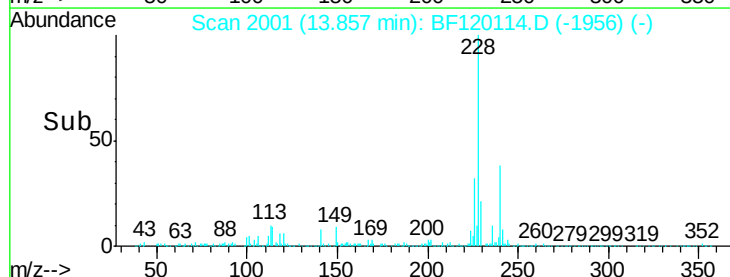
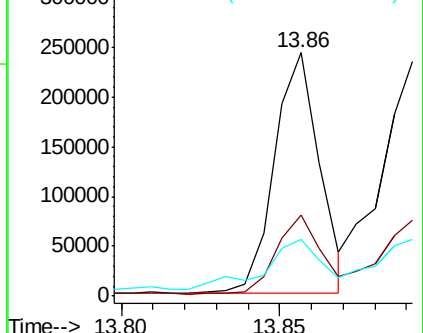
229 23.1 15.9 23.9

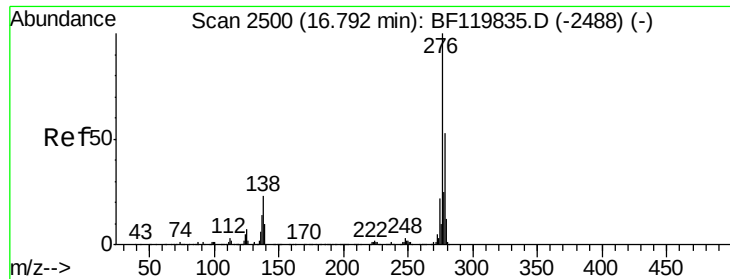


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

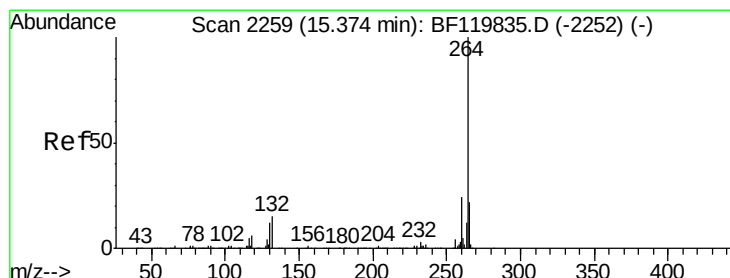
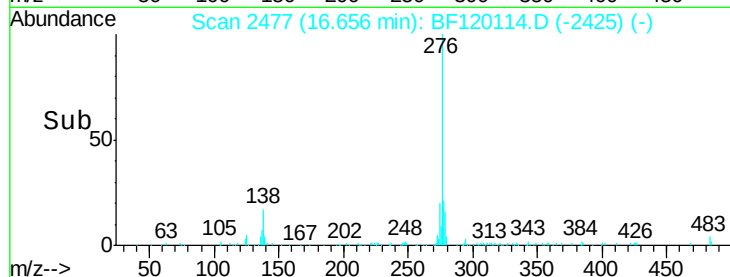
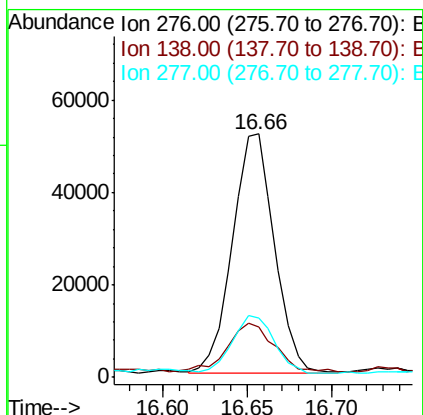
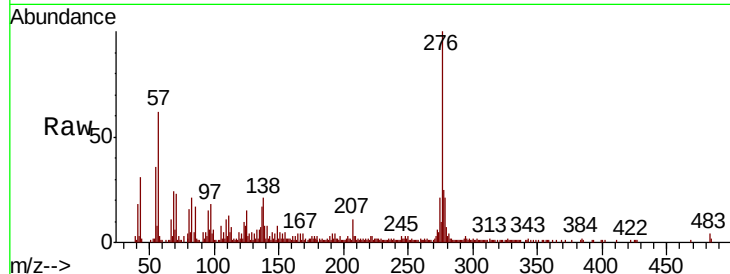




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 5.368 ng
 RT: 16.66 min Scan# 2477
 Delta R.T. 0.01 min
 Lab File: BF120114.D
 Acq: 21 Apr 2020 20:41

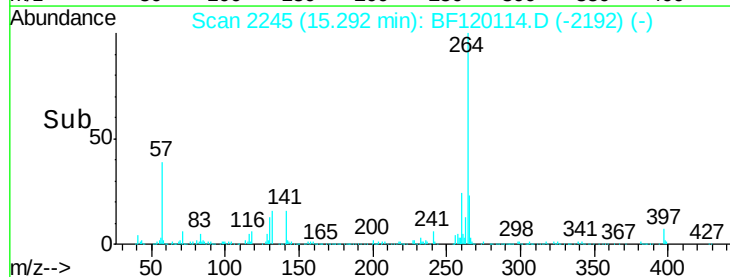
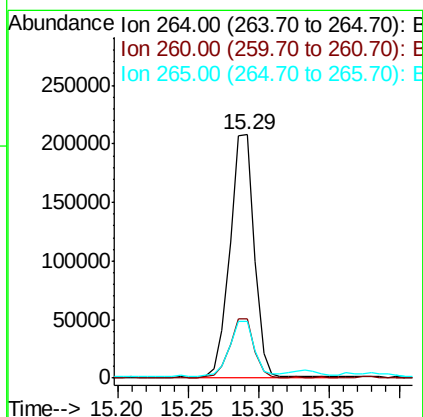
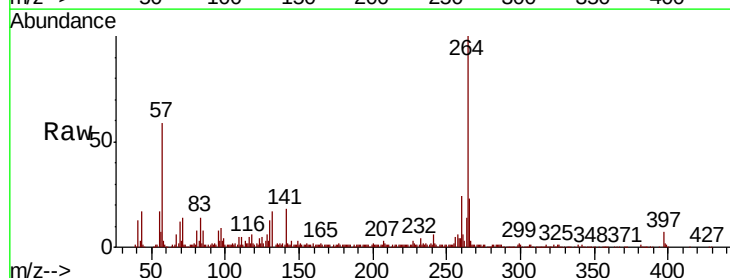
Instrument :
 BNA_F
 ClientSampleId :

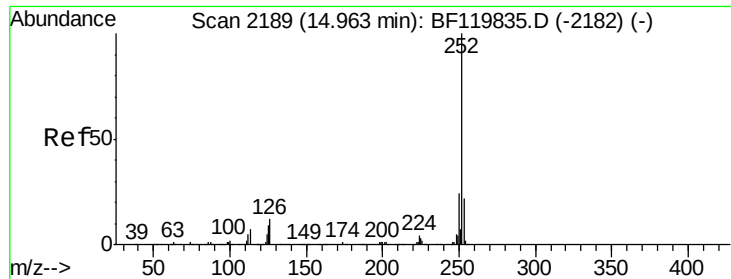
Tot Ion	Ratio	Lower	Upper
276	100		
138	23.0	18.0	27.0
277	24.4	20.1	30.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2245
 Delta R.T. 0.01 min
 Lab File: BF120114.D
 Acq: 21 Apr 2020 20:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.3	28.9
265	23.4	17.6	26.4

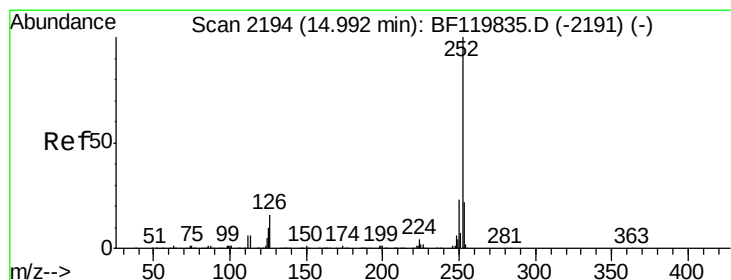
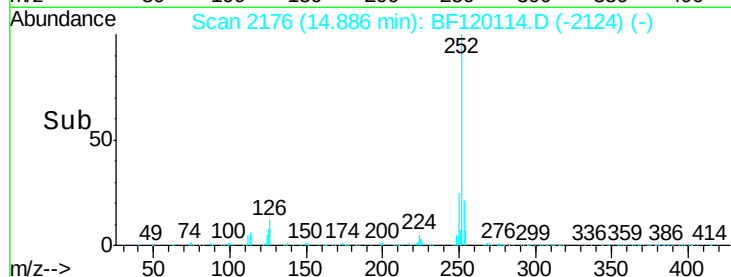
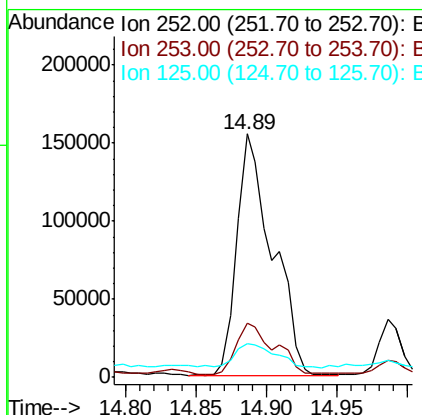
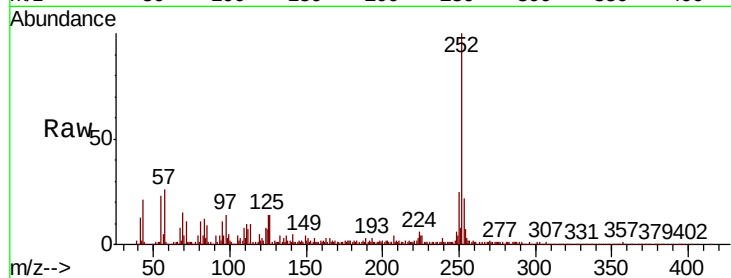




#88
Benzo(b)fluoranthene
Concen: 15.101 ng
RT: 14.89 min Scan# 2176
Delta R.T. 0.01 min
Lab File: BF120114.D
Acq: 21 Apr 2020 20:41

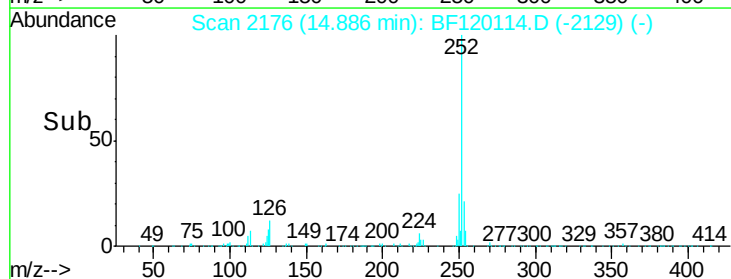
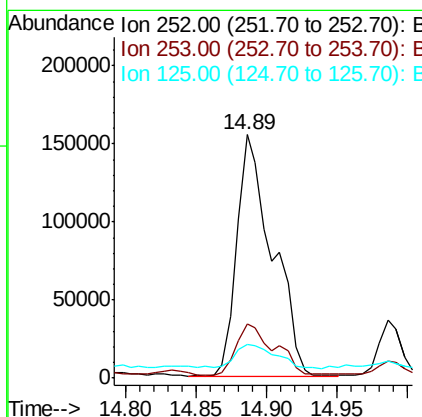
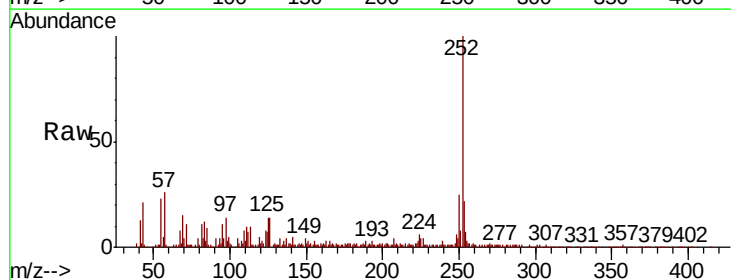
Instrument :
BNA_F
ClientSampleId :

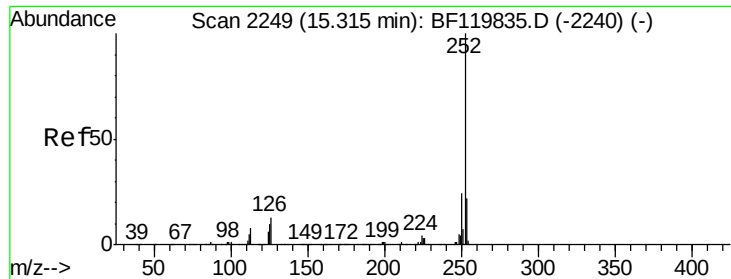
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	14.0	7.4	11.2



#89
Benzo(k)fluoranthene
Concen: 17.502 ng
RT: 14.89 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BF120114.D
Acq: 21 Apr 2020 20:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	14.0	7.7	11.5





#90

Benzo(a)pyrene

Concen: 10.995 ng

RT: 15.23 min Scan# 2234

Delta R.T. 0.01 min

Lab File: BF120114.D

Acq: 21 Apr 2020 20:41

Instrument :

BNA_F

ClientSampleId :

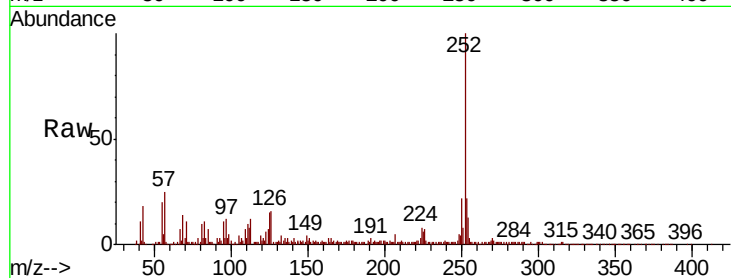
Tot Ion:252 Resp: 166214

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 14.6 8.3 12.5#

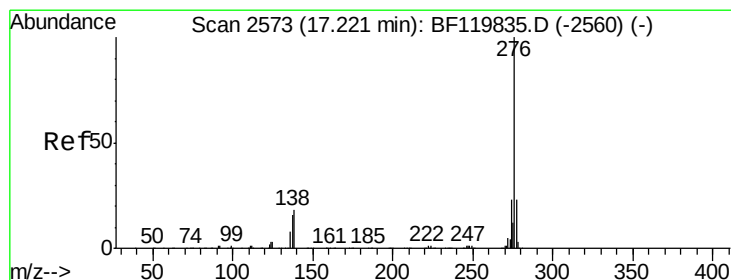
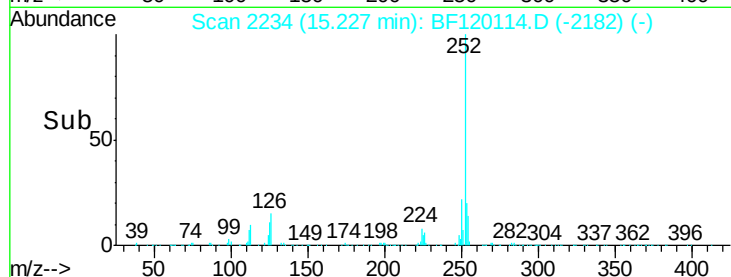
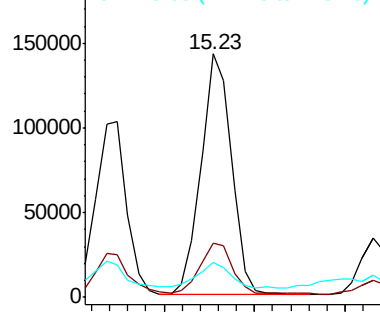


Abundance

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



#92

Benzo(g,h,i)perylene

Concen: 7.335 ng

RT: 17.07 min Scan# 2547

Delta R.T. -0.00 min

Lab File: BF120114.D

Acq: 21 Apr 2020 20:41

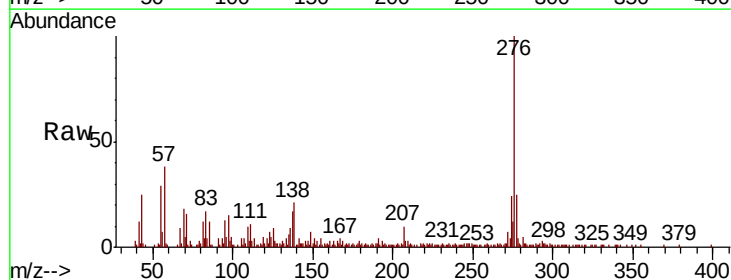
Tgt Ion:276 Resp: 96954

Ion Ratio Lower Upper

276 100

277 24.8 18.5 27.7

138 20.7 14.6 22.0



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

