

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121019\
 Data File : BF118164.D
 Acq On : 10 Dec 2019 13:46
 Operator : JU
 Sample : K6111-01 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 10 14:41:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	93889	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	383748	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	195847	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	336175	20.00	ng	0.00
76) Chrysene-d12	14.07	240	254783	20.00	ng	0.00
87) Perylene-d12	15.57	264	237343	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	295286	55.08	ng	0.00
7) Phenol-d6	6.49	99	370882	57.20	ng	0.00
23) Nitrobenzene-d5	7.43	82	219453	32.17	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	116588	49.00	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	462951	35.97	ng	0.00
79) Terphenyl-d14	13.00	244	480042	32.40	ng	0.00

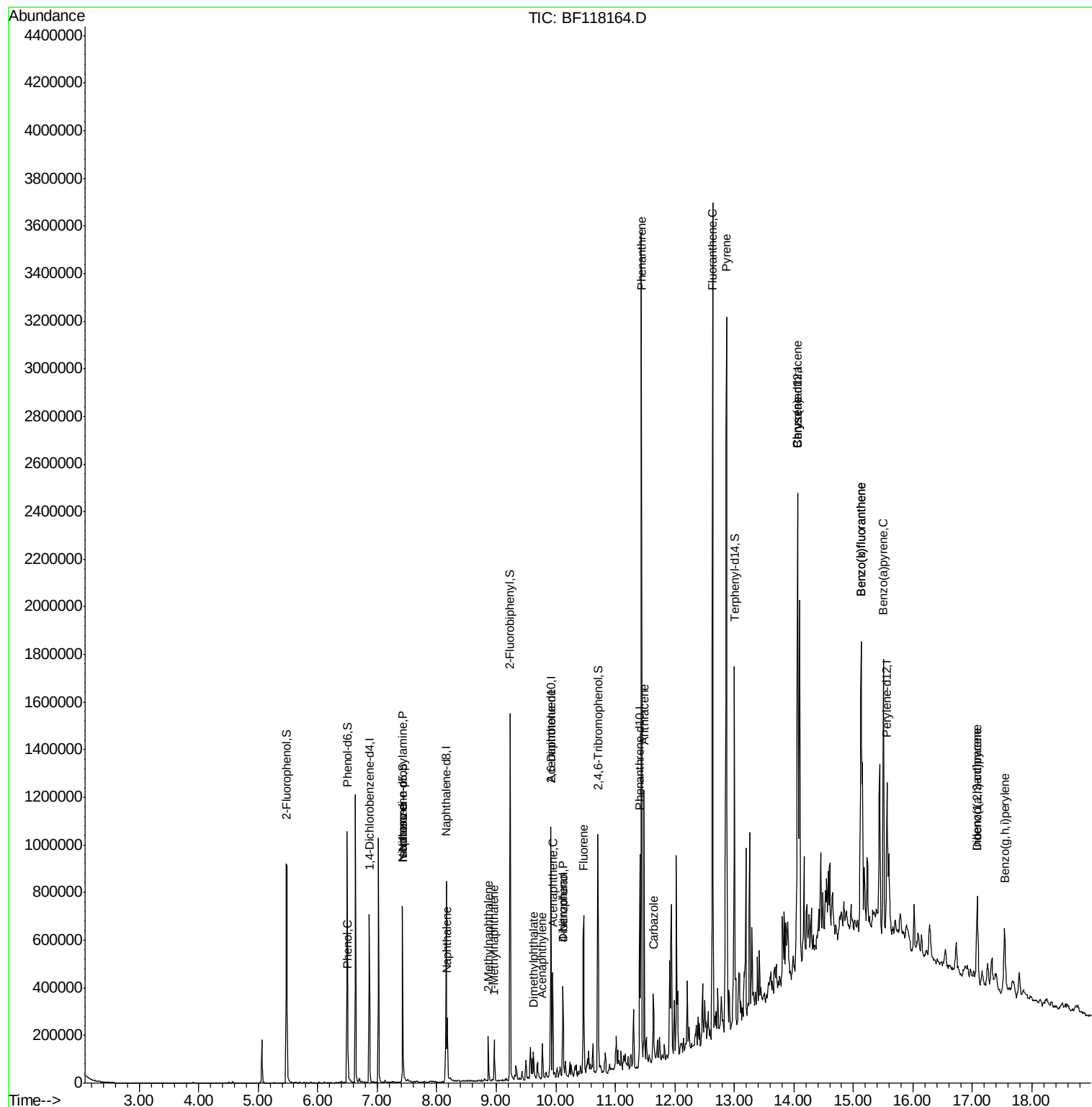
Target Compounds				Qvalue		
9) Benzaldehyde	6.50	77	806	Below Cal	#	1
10) Phenol	6.51	94	24232	3.277 ng		96
19) n-Nitroso-di-n-propylamine	7.43	70	30741	7.802 ng	#	78
25) Isophorone	7.43	82	216095	18.688 ng	#	62
31) Naphthalene	8.17	128	109645	5.689 ng		98
37) 2-Methylnaphthalene	8.87	142	50946	3.905 ng		97
38) 1-Methylnaphthalene	8.97	142	40868	3.336 ng		94
49) Acenaphthylene	9.77	152	54200	2.958 ng		96
50) Dimethylphthalate	9.63	163	38888	2.688 ng		97
51) 2,6-Dinitrotoluene	9.92	165	27878	8.863 ng	#	29
52) Acenaphthene	9.95	154	88363	7.900 ng		98
55) Dibenzofuran	10.12	168	123454	7.532 ng		97
56) 4-Nitrophenol	10.12	139	51740	20.140 ng	#	9
58) Fluorene	10.47	166	189045	14.514 ng		99
71) Phenanthrene	11.44	178	1202513	67.290 ng		100
72) Anthracene	11.49	178	392337	22.008 ng		99
73) Carbazole	11.64	167	99168	6.200 ng		99
75) Fluoranthene	12.64	202	1442380	78.944 ng		99
78) Pyrene	12.87	202	1272436	63.375 ng		99
81) Benzo(a)anthracene	14.06	228	733431	41.631 ng		96
83) Chrysene	14.06	228	733431	43.582 ng		98
86) Indeno(1,2,3-cd)pyrene	17.08	276	243818	17.219 ng		95
88) Benzo(b)fluoranthene	15.13	252	979139	62.377 ng		97
89) Benzo(k)fluoranthene	15.13	252	979139	64.931 ng	#	94
90) Benzo(a)pyrene	15.50	252	530881	38.293 ng		96
91) Dibenzo(a,h)anthracene	17.09	278	64644	5.436 ng	#	86
92) Benzo(g,h,i)perylene	17.54	276	220179	19.269 ng		96

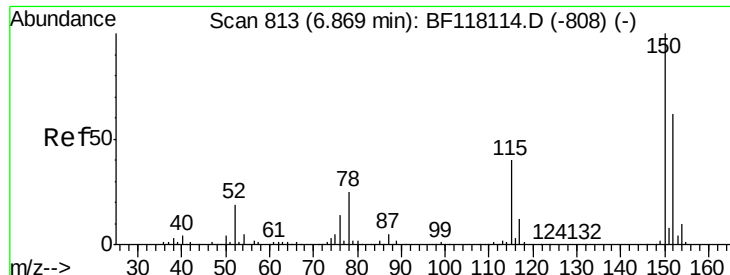
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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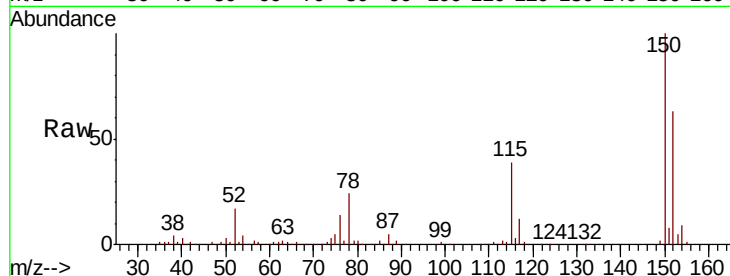


#1

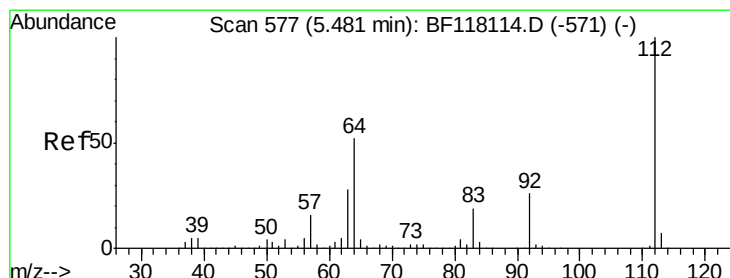
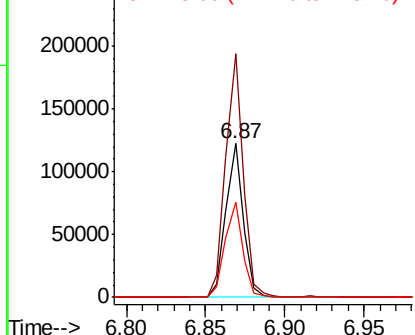
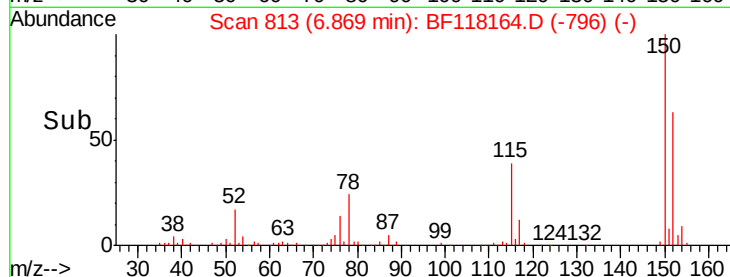
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF118164.D
Acq: 10 Dec 2019 13:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 93889
Ion Ratio Lower Upper
152 100
150 158.4 128.3 192.5
115 62.1 51.1 76.7



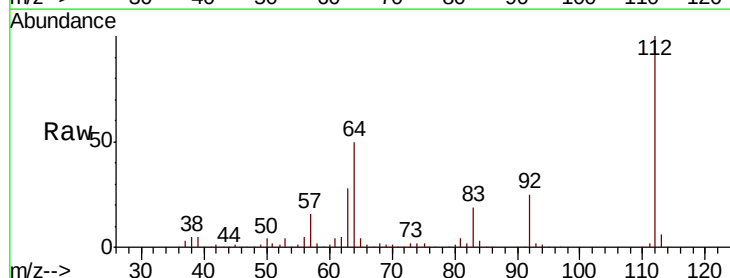
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



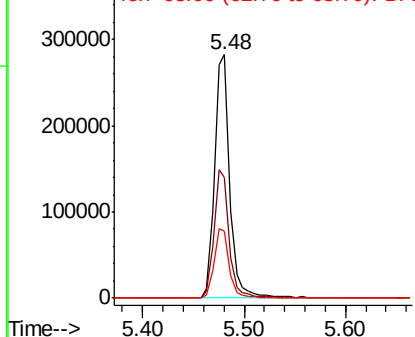
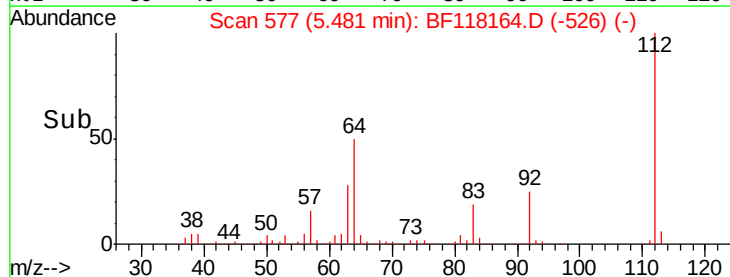
#5

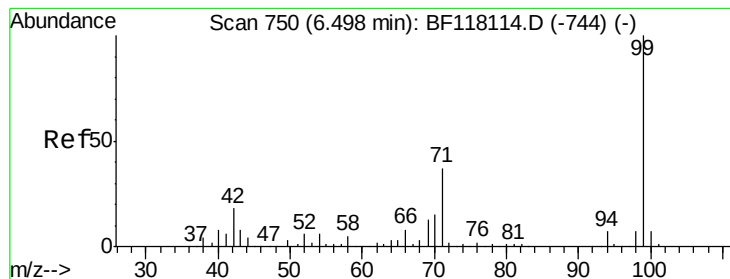
2-Fluorophenol
Concen: 55.085 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF118164.D
Acq: 10 Dec 2019 13:46

Tgt Ion:112 Resp: 295286
Ion Ratio Lower Upper
112 100
64 49.5 41.3 61.9
63 27.6 22.4 33.6



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: 57.201 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118164.D

Acq: 10 Dec 2019 13:46

Instrument :

BNA_F

ClientSampled :

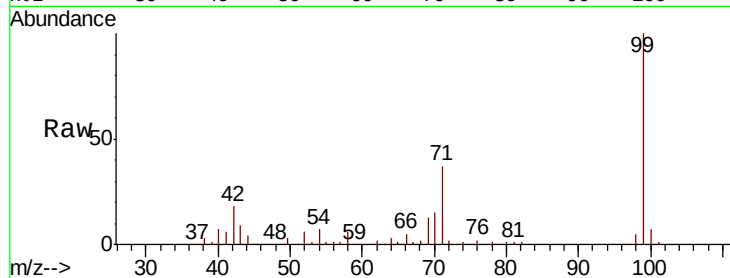
Tot Ion: 99 Resp: 370882

Ion Ratio Lower Upper

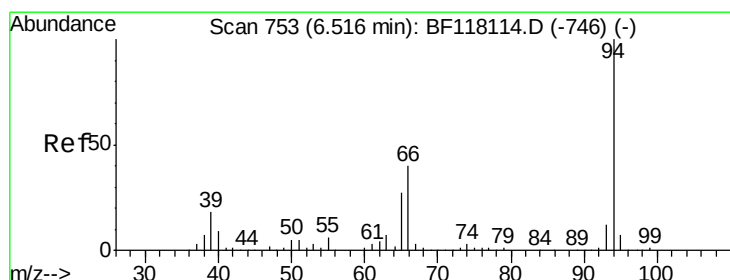
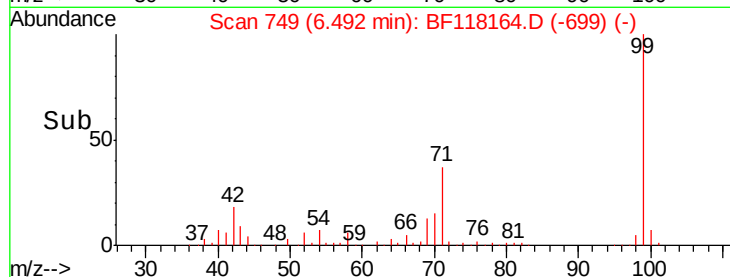
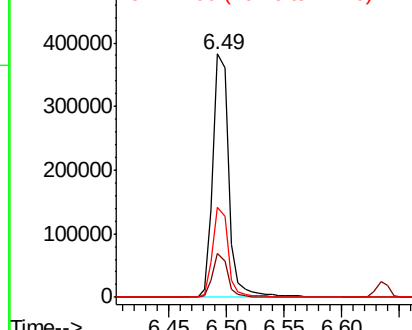
99 100

42 18.0 14.1 21.1

71 37.1 29.7 44.5



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



#10

Phenol

Concen: 3.277 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118164.D

Acq: 10 Dec 2019 13:46

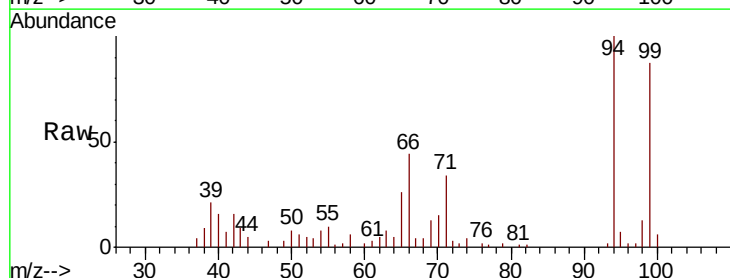
Tgt Ion: 94 Resp: 24232

Ion Ratio Lower Upper

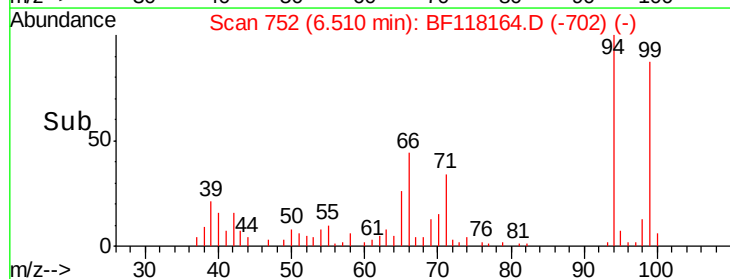
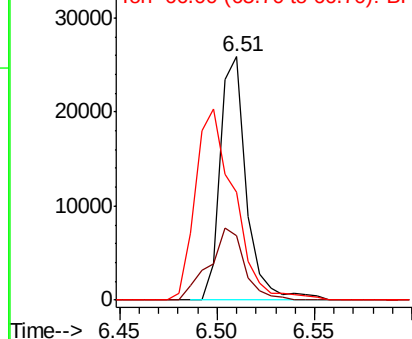
94 100

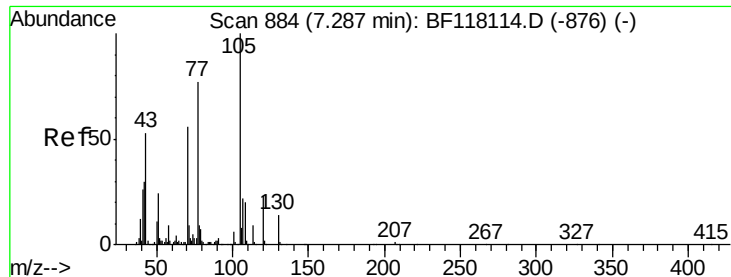
65 26.5 7.3 47.3

66 44.1 20.2 60.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

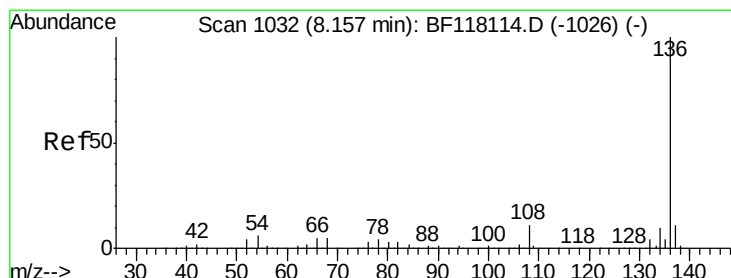
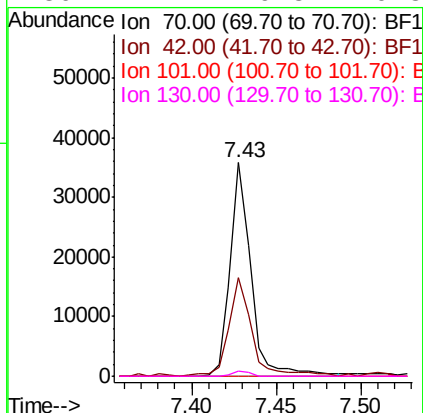
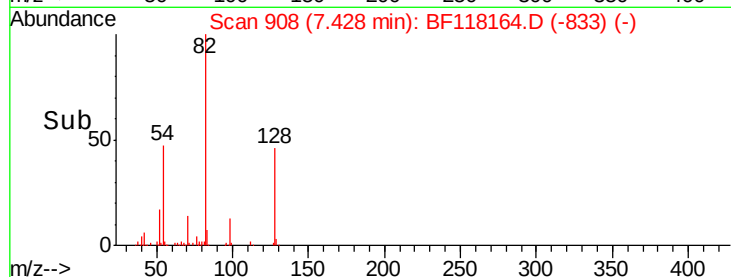
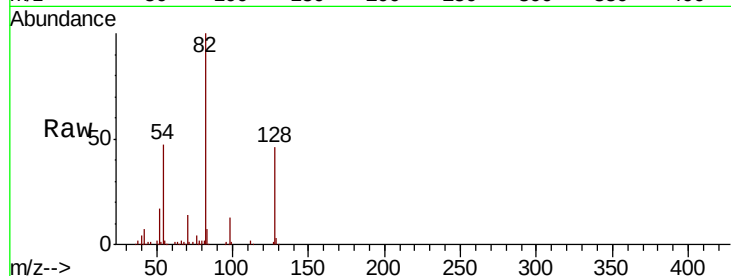




#19
n-Nitroso-di-n-propylamine
Concen: 7.802 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF118164.D
Acq: 10 Dec 2019 13:46

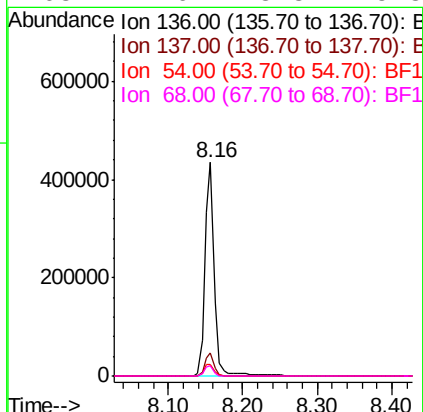
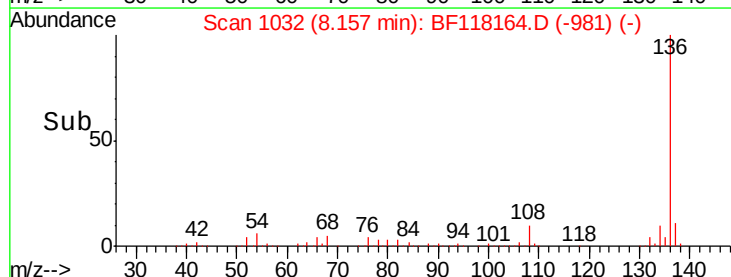
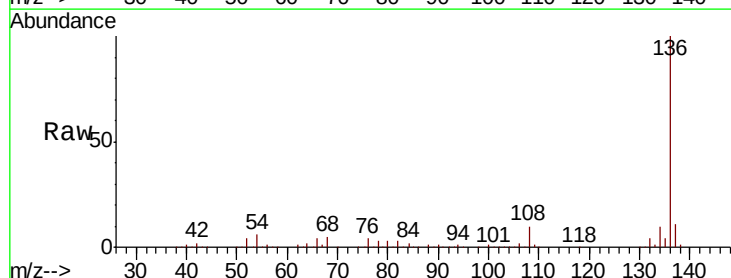
Instrument :
BNA_F
ClientSampleId :

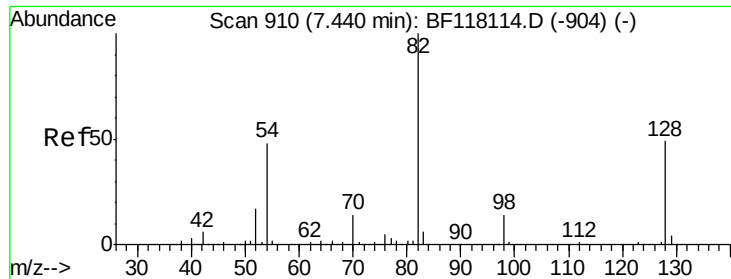
Tot Ion: 70 Resp: 30741
Ion Ratio Lower Upper
70 100
42 46.2 43.2 64.8
101 0.0 8.1 12.1#
130 2.4 19.8 29.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF118164.D
Acq: 10 Dec 2019 13:46

Tgt Ion: 136 Resp: 383748
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 5.5 5.0 7.6
68 4.6 3.8 5.8

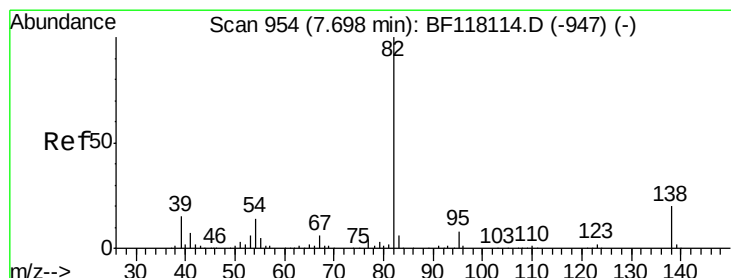
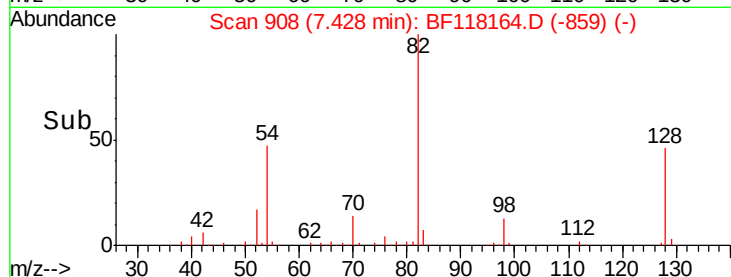
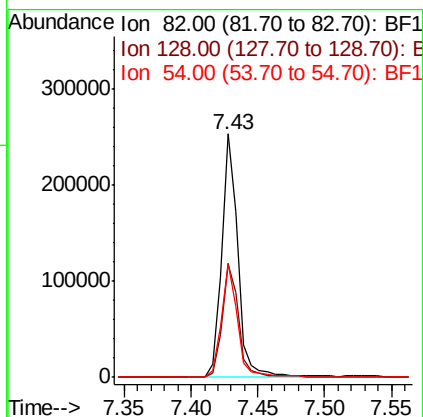
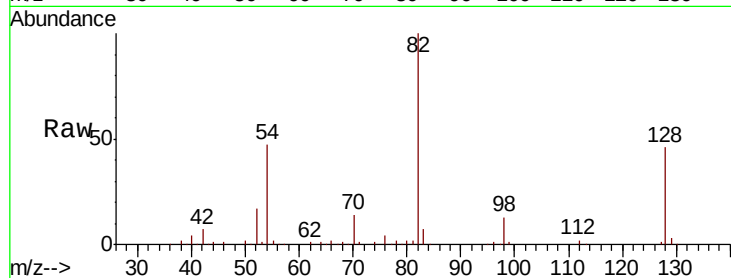




#23
Nitrobenzene-d5
Concen: 32.172 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF118164.D
Acq: 10 Dec 2019 13:46

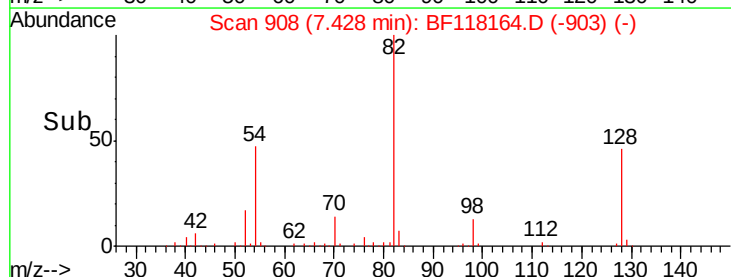
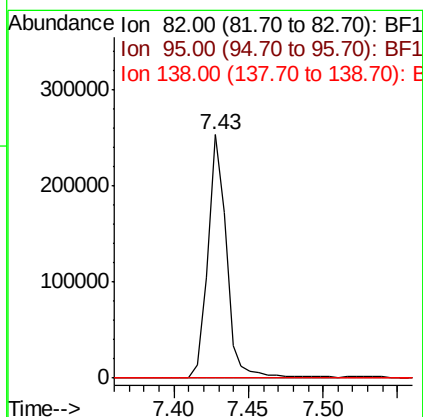
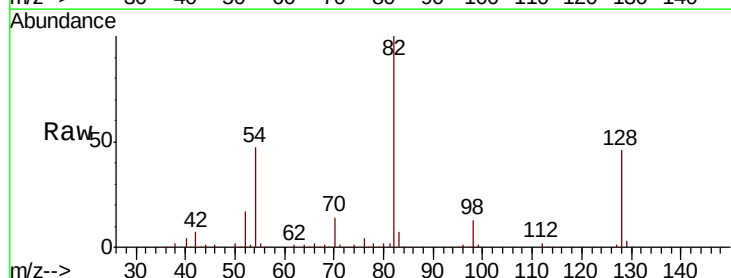
Instrument :
BNA_F
ClientSampleId :

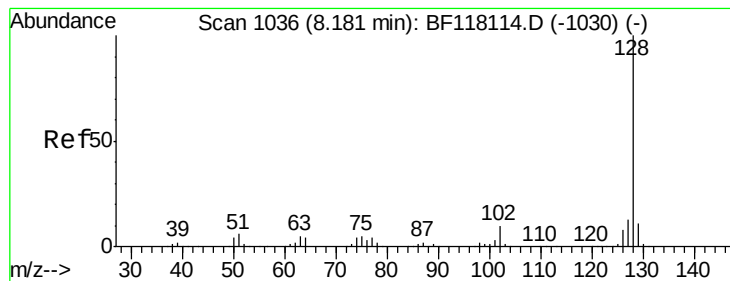
Tot Ion: 82 Resp: 219453
Ion Ratio Lower Upper
82 100
128 46.2 39.1 58.7
54 47.1 38.2 57.2



#25
Isophorone
Concen: 18.688 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.27 min
Lab File: BF118164.D
Acq: 10 Dec 2019 13:46

Tgt Ion: 82 Resp: 216095
Ion Ratio Lower Upper
82 100
95 0.1 6.3 9.5#
138 0.0 16.3 24.5#





#31

Naphthalene

Concen: 5.689 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF118164.D

Acq: 10 Dec 2019 13:46

Instrument :

BNA_F

ClientSampleId :

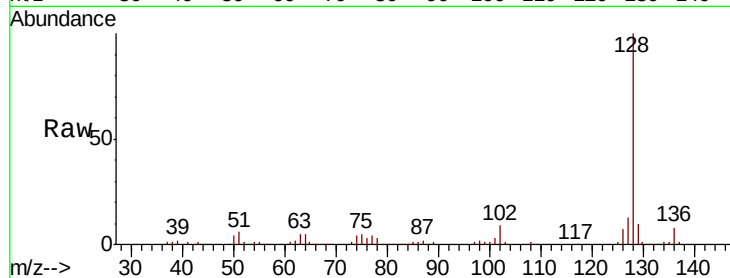
Tot Ion:128 Resp: 109645

Ion Ratio Lower Upper

128 100

129 10.2 9.1 13.7

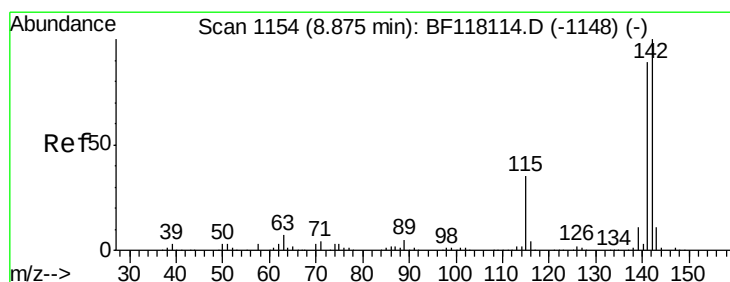
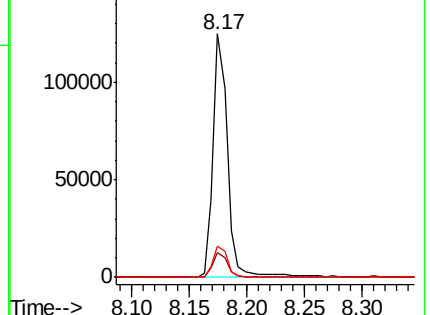
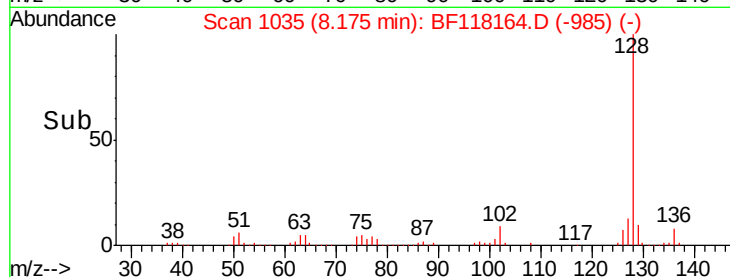
127 12.9 10.6 16.0



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



#37

2-Methylnaphthalene

Concen: 3.905 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF118164.D

Acq: 10 Dec 2019 13:46

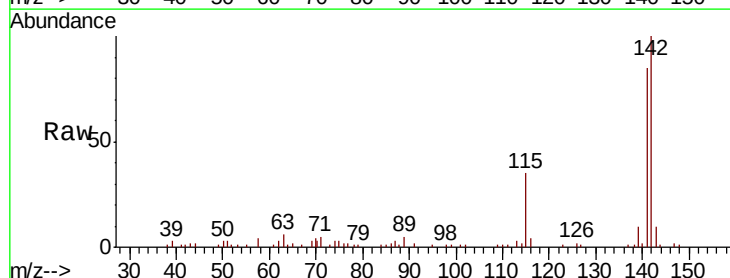
Tgt Ion:142 Resp: 50946

Ion Ratio Lower Upper

142 100

141 84.9 71.4 107.0

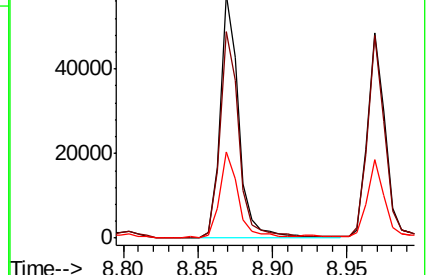
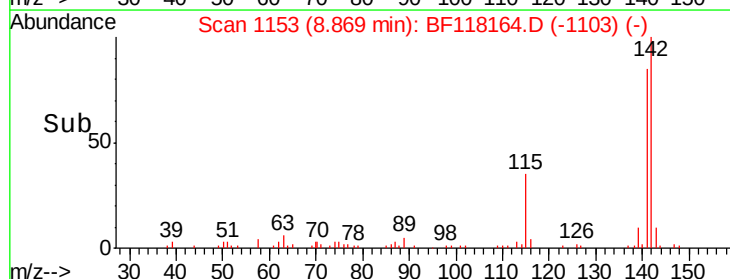
115 35.3 28.2 42.4

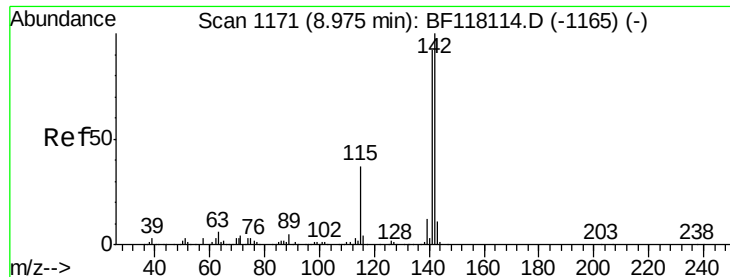


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

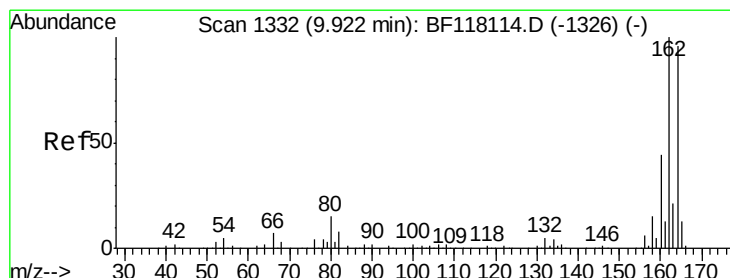
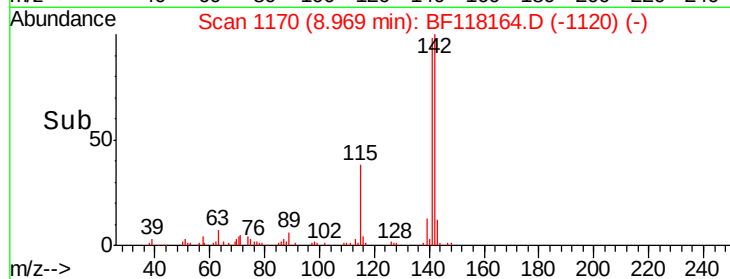
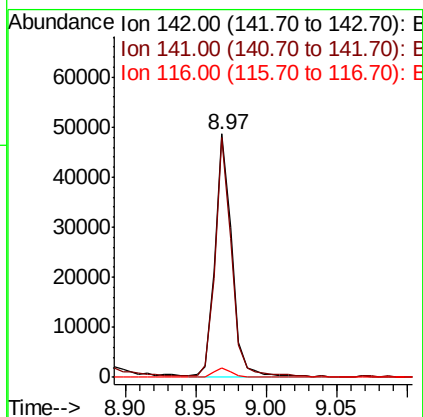
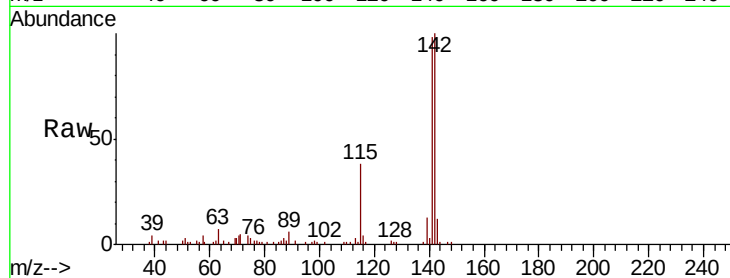




#38
1-Methylnaphthalene
Concen: 3.336 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF118164.D
Acq: 10 Dec 2019 13:46

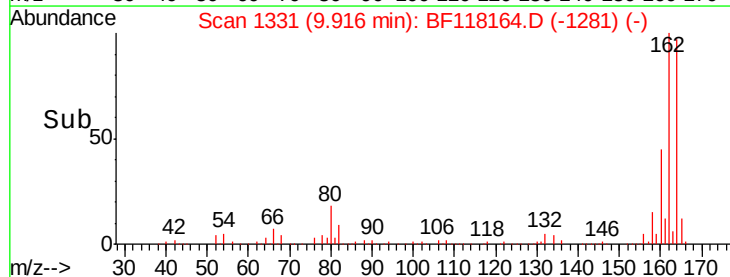
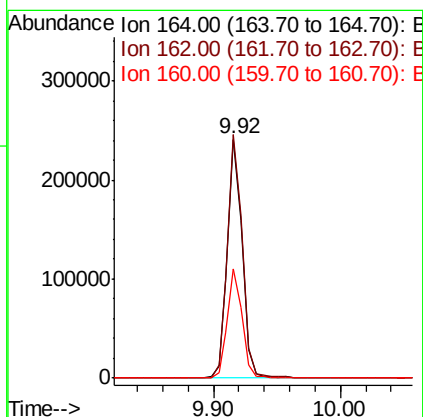
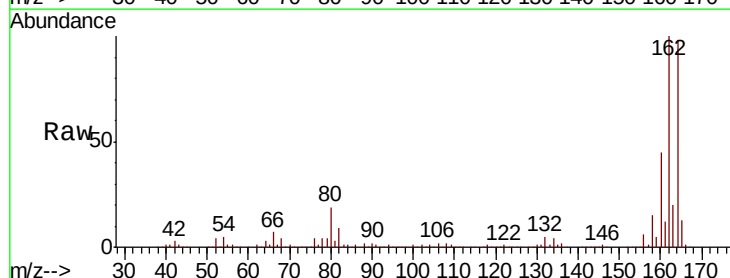
Instrument :
BNA_F
ClientSampleId :

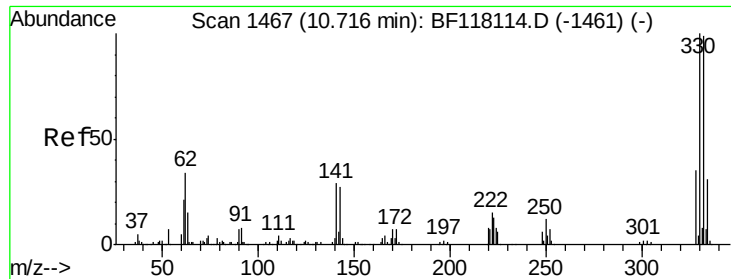
Tot Ion:142 Resp: 40868
Ion Ratio Lower Upper
142 100
141 98.5 74.0 111.0
116 4.0 3.2 4.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118164.D
Acq: 10 Dec 2019 13:46

Tgt Ion:164 Resp: 195847
Ion Ratio Lower Upper
164 100
162 102.0 83.4 125.0
160 45.7 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 49.003 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF118164.D

Acq: 10 Dec 2019 13:46

Instrument :

BNA_F

ClientSampleId :

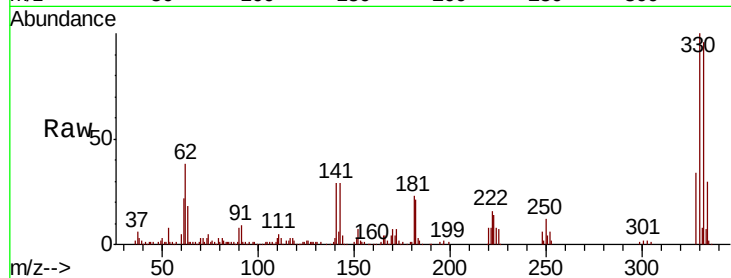
Tot Ion:330 Resp: 116588

Ion Ratio Lower Upper

330 100

332 95.4 78.1 117.1

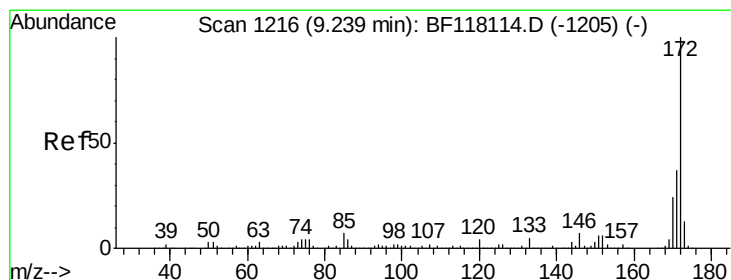
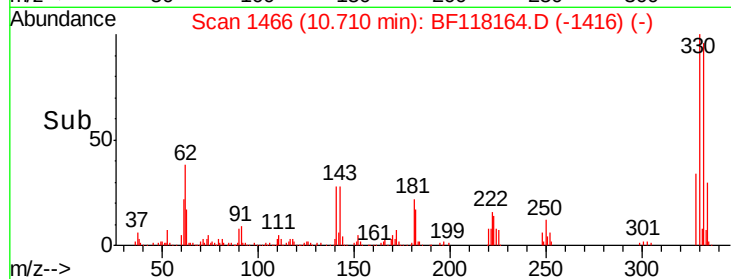
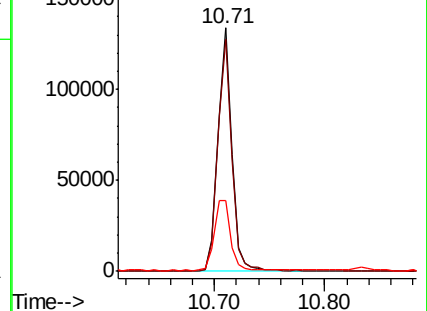
141 33.8 26.9 40.3



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: 35.969 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF118164.D

Acq: 10 Dec 2019 13:46

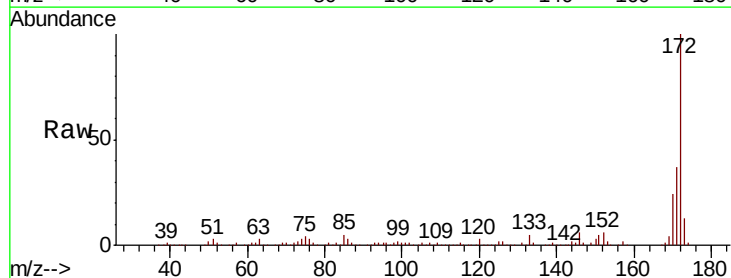
Tgt Ion:172 Resp: 462951

Ion Ratio Lower Upper

172 100

171 36.8 29.2 43.8

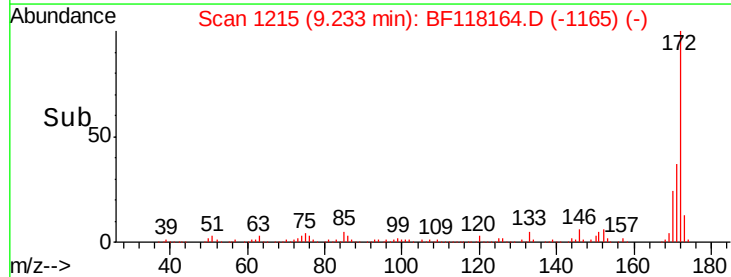
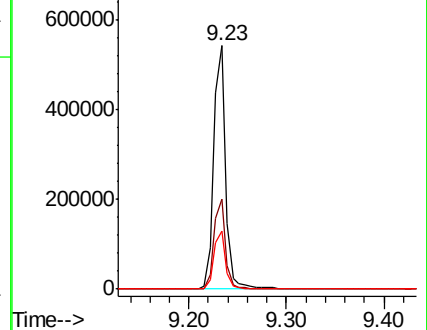
170 23.7 19.4 29.2

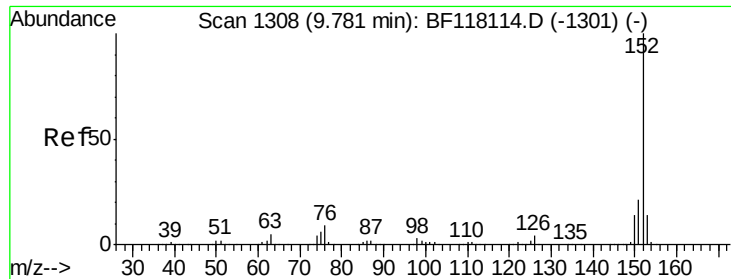


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Acenaphthylene

Concen: 2.958 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF118164.D

Acq: 10 Dec 2019 13:46

Instrument :

BNA_F

ClientSampleId :

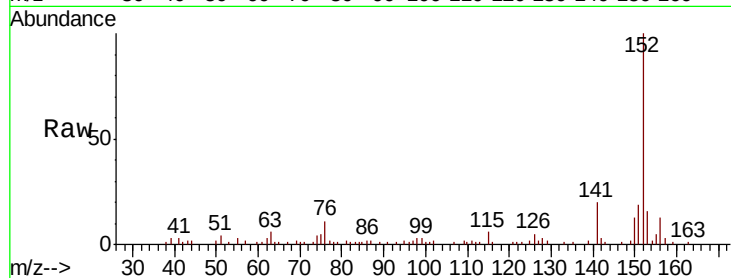
Tot Ion:152 Resp: 54200

Ion Ratio Lower Upper

152 100

151 19.0 16.4 24.6

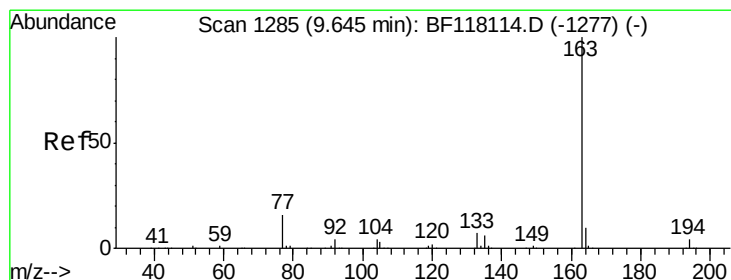
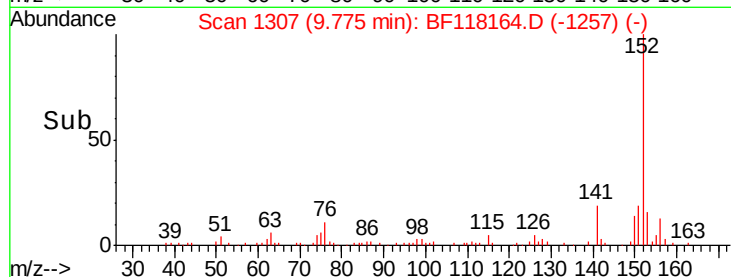
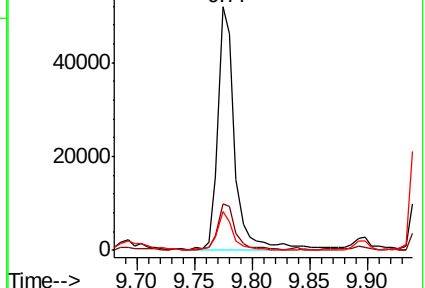
153 16.0 10.8 16.2



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: 2.688 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF118164.D

Acq: 10 Dec 2019 13:46

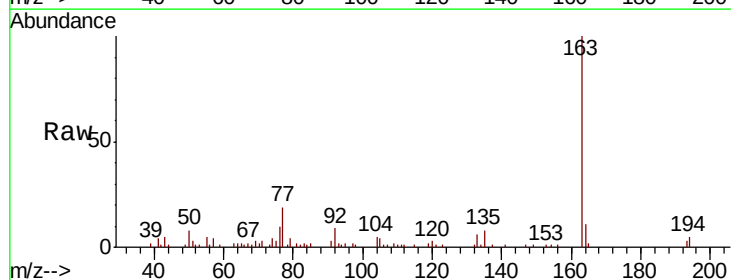
Tgt Ion:163 Resp: 38888

Ion Ratio Lower Upper

163 100

194 4.5 3.1 4.7

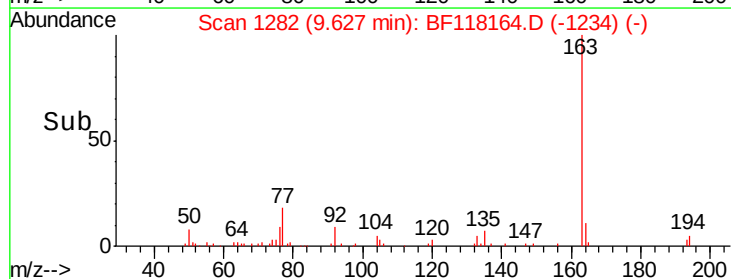
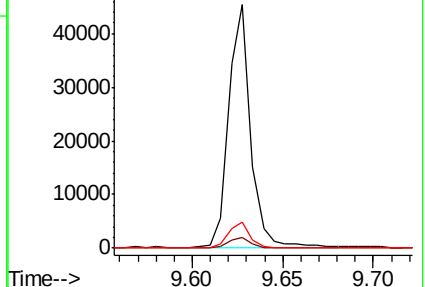
164 10.6 7.7 11.5

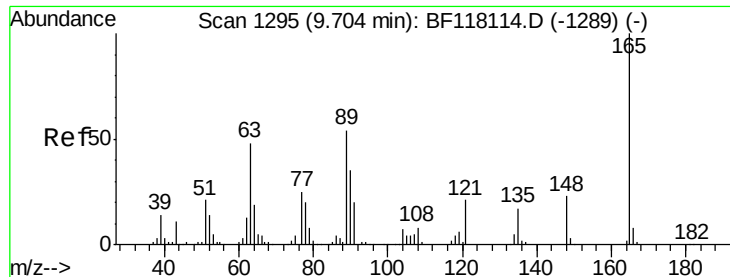


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 8.863 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.21 min

Lab File: BF118164.D

Acq: 10 Dec 2019 13:46

Instrument :

BNA_F

ClientSampleId :

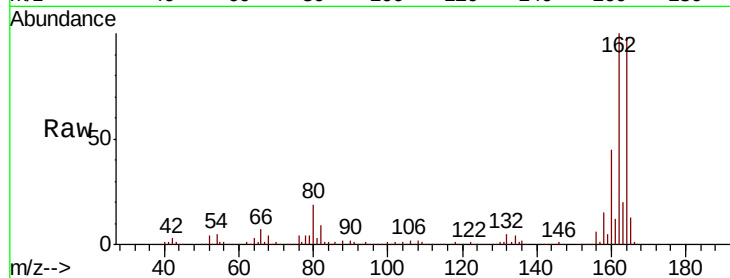
Tot Ion:165 Resp: 27878

Ion Ratio Lower Upper

165 100

63 1.8 41.4 62.0#

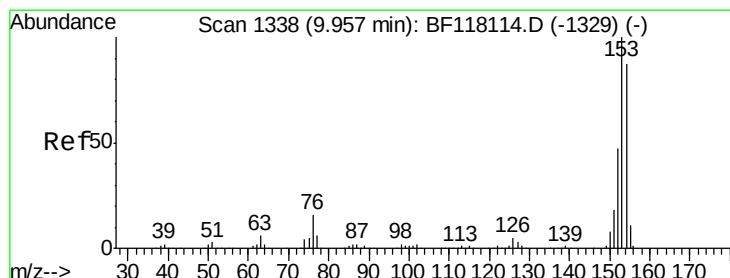
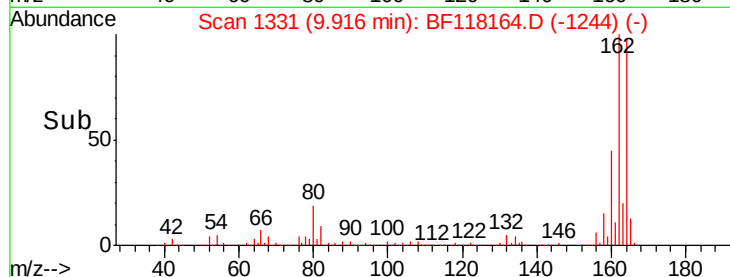
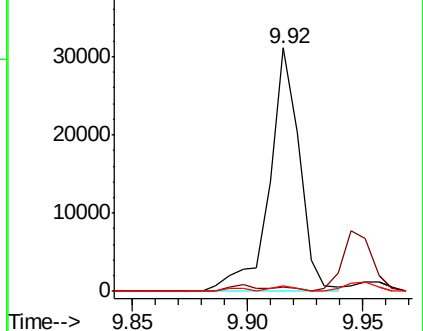
89 2.4 42.9 64.3#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 7.900 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF118164.D

Acq: 10 Dec 2019 13:46

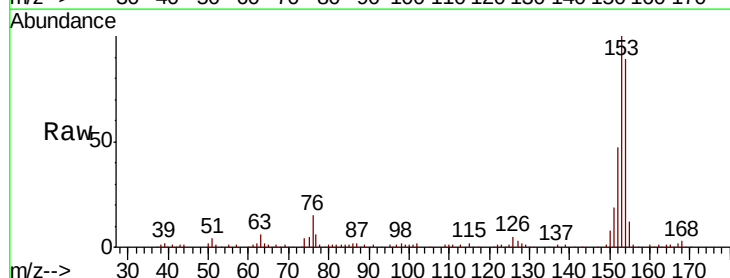
Tgt Ion:154 Resp: 88363

Ion Ratio Lower Upper

154 100

153 112.2 91.8 137.6

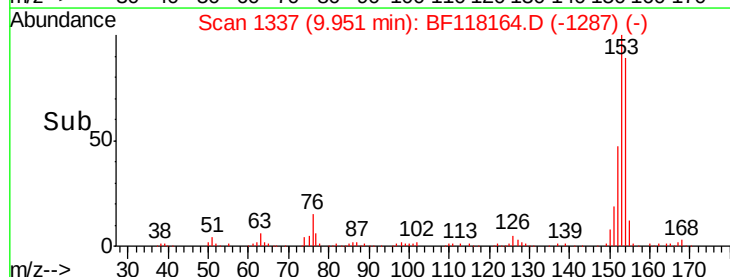
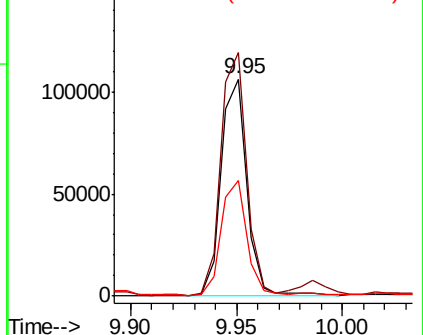
152 53.1 43.3 64.9

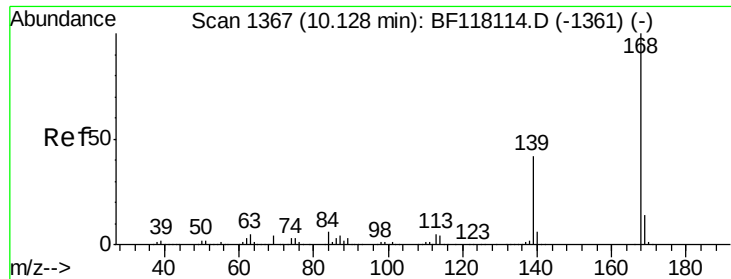


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

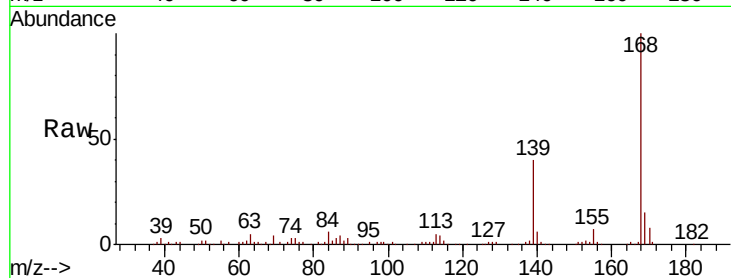




#55
Dibenzofuran
Concen: 7.532 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF118164.D
Acq: 10 Dec 2019 13:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.1	33.4	50.0
169	15.0	11.0	16.6

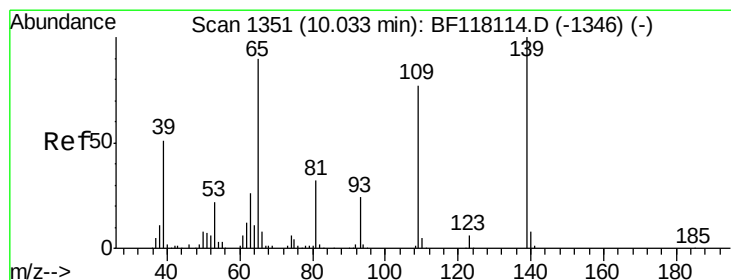
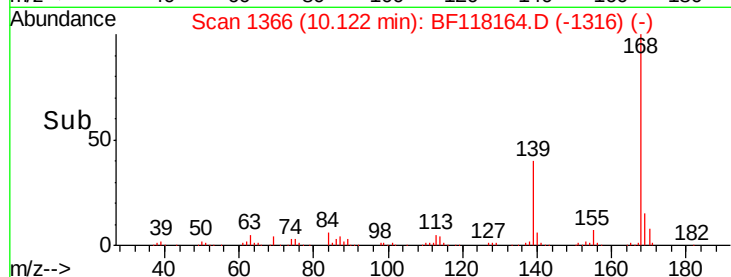
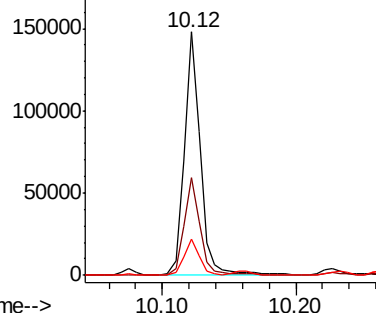


Abundance

Ion 168.00 (167.70 to 168.70): E

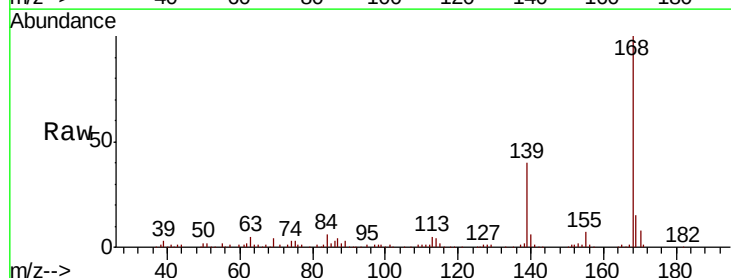
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 20.140 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.09 min
Lab File: BF118164.D
Acq: 10 Dec 2019 13:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	1.7	57.3	97.3#
65	1.9	70.2	110.2#

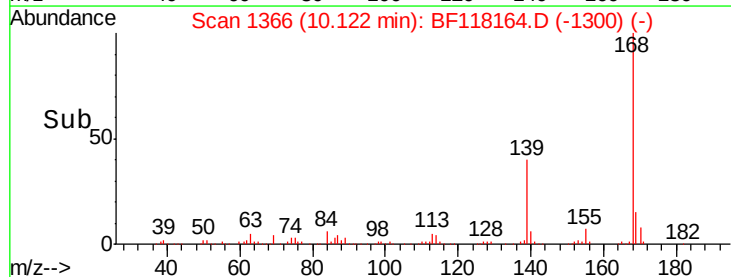
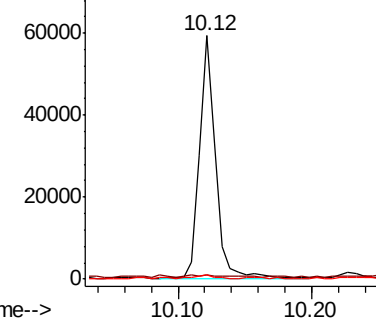


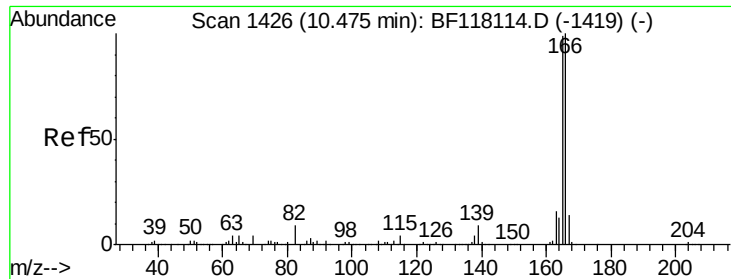
Abundance

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

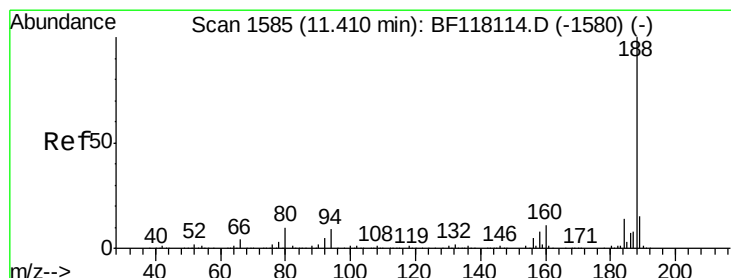
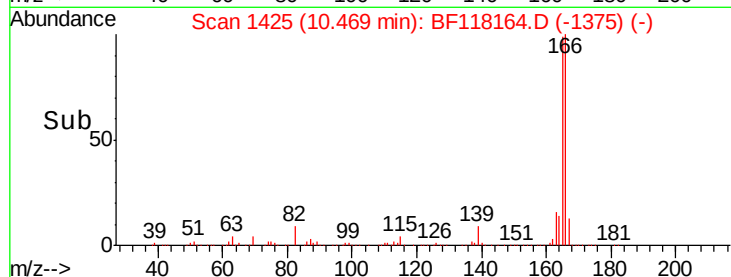
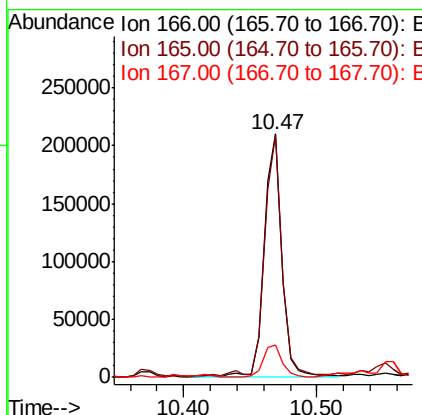
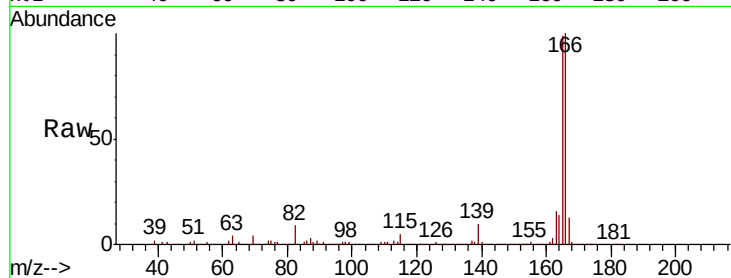




#58
 Fluorene
 Concen: 14.514 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF118164.D
 Acq: 10 Dec 2019 13:46

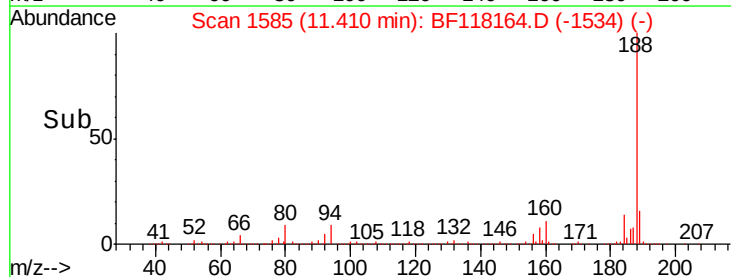
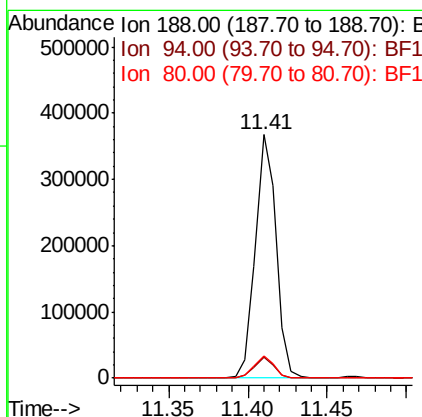
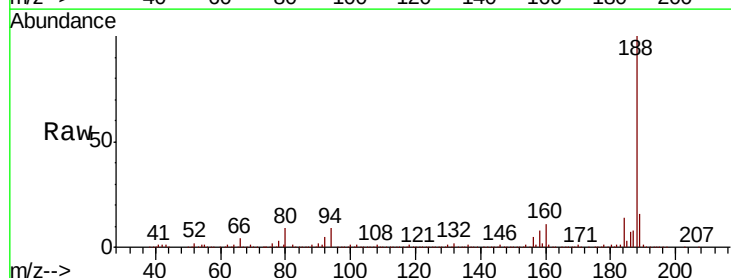
Instrument :
 BNA_F
 ClientSampleId :

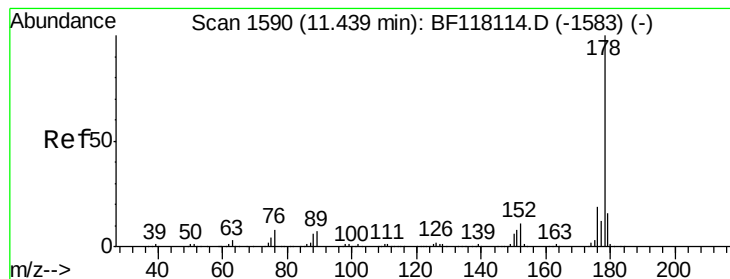
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.0	118.4
167	13.5	10.9	16.3



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: BF118164.D
 Acq: 10 Dec 2019 13:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.1	10.7
80	9.3	7.9	11.9





#71

Phenanthrene

Concen: 67.290 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.00 min

Lab File: BF118164.D

Acq: 10 Dec 2019 13:46

Instrument :

BNA_F

ClientSampleId :

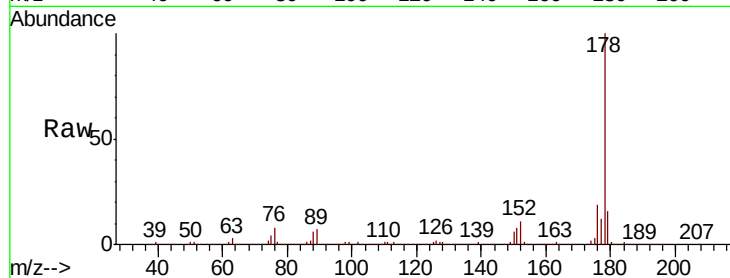
Tot Ion:178 Resp: 1202513

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.6	12.6	18.8

178 100

176 19.4 15.5 23.3

179 15.6 12.6 18.8

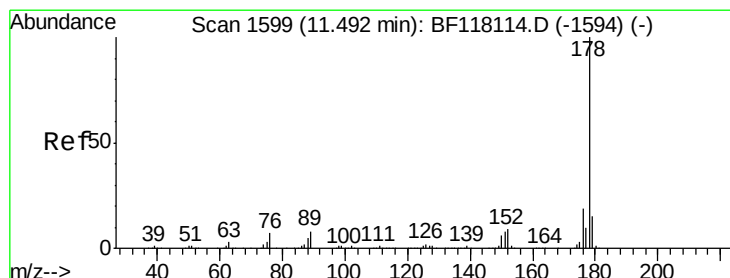
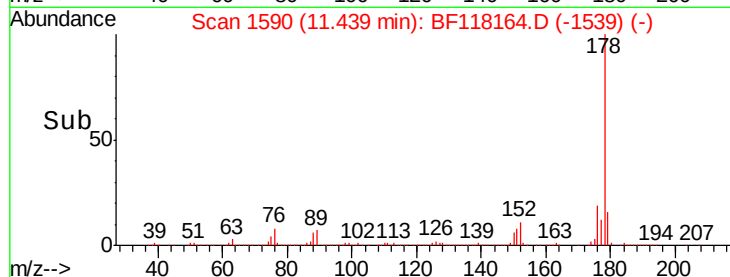
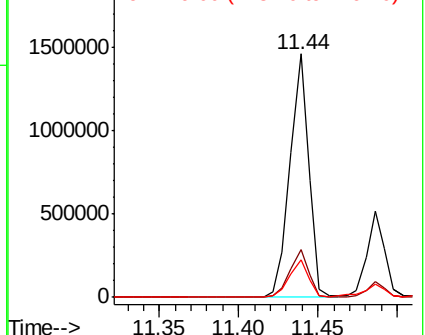


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 22.008 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF118164.D

Acq: 10 Dec 2019 13:46

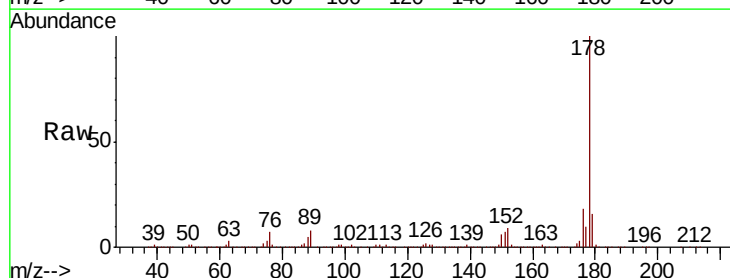
Tgt Ion:178 Resp: 392337

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.6
179	15.9	12.2	18.4

178 100

176 18.4 15.0 22.6

179 15.9 12.2 18.4

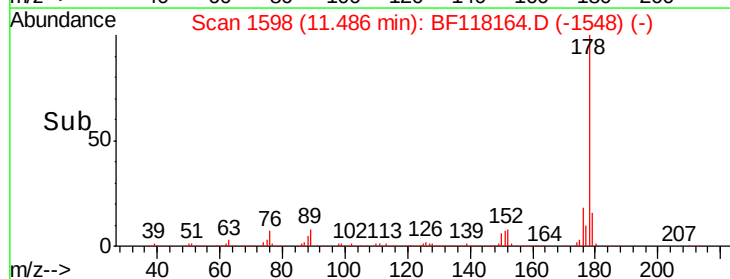
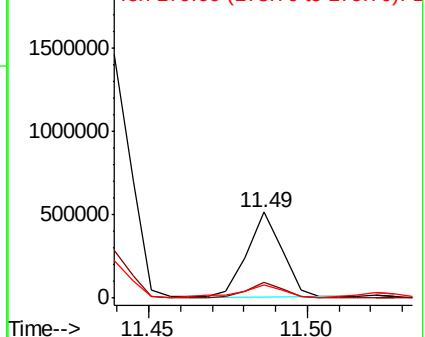


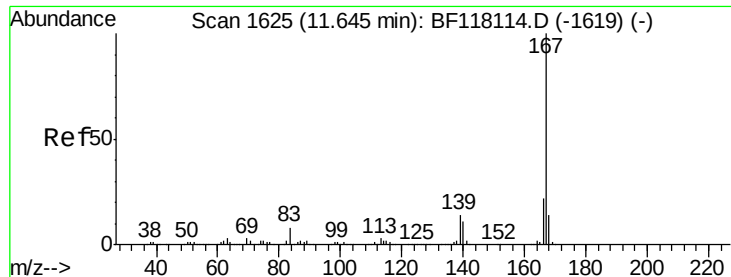
Abundance

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

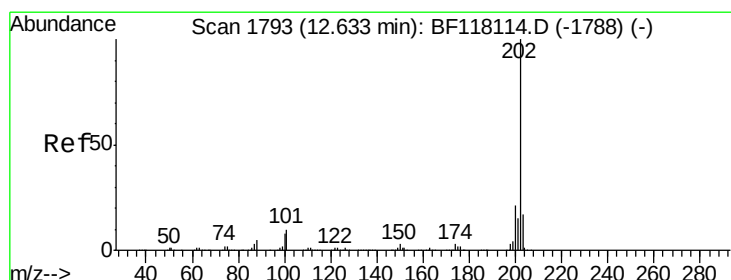
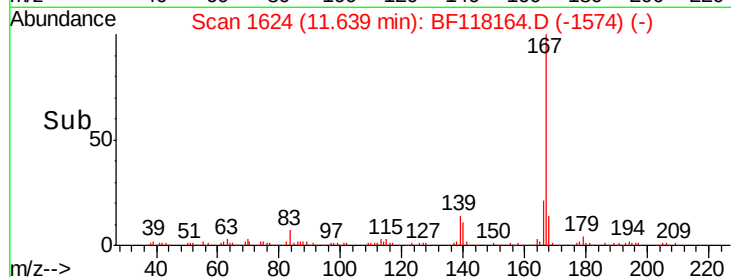
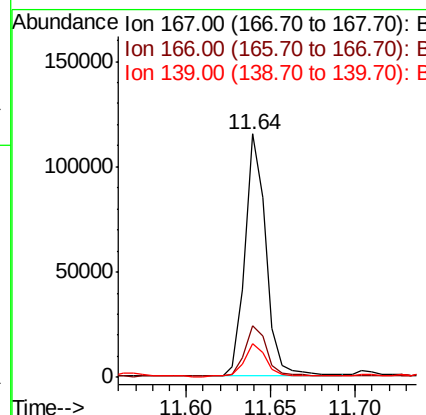
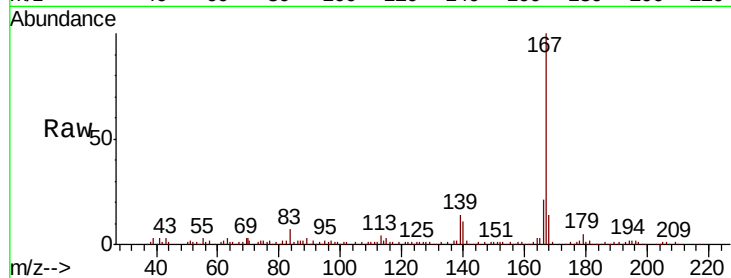




#73
 Carbazole
 Concen: 6.200 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BF118164.D
 Acq: 10 Dec 2019 13:46

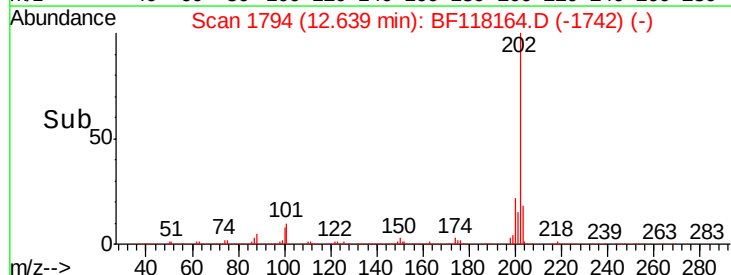
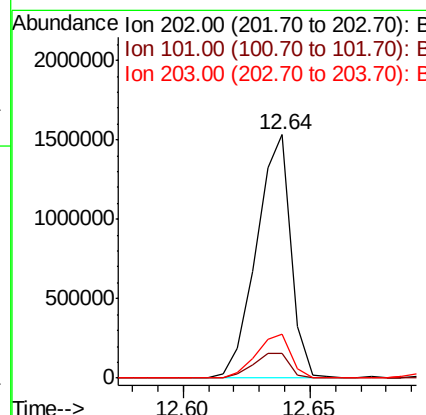
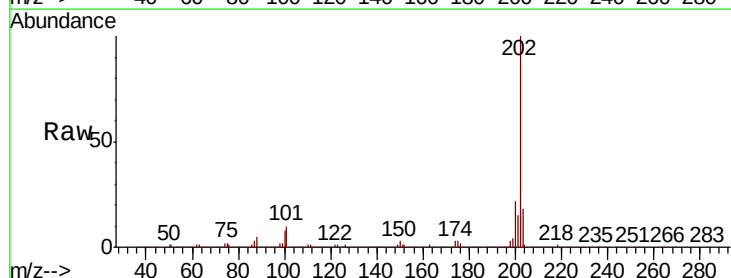
Instrument :
 BNA_F
 ClientSampleId :

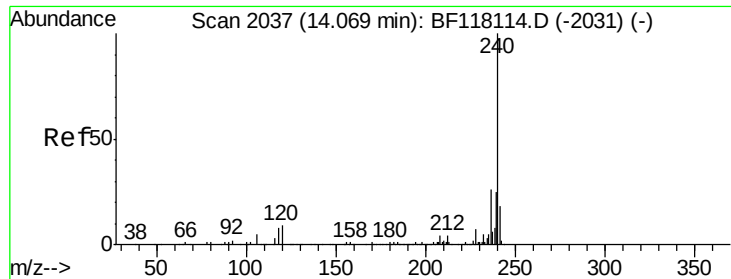
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.4	26.2
139	14.0	11.4	17.0



#75
 Fluoranthene
 Concen: 78.944 ng
 RT: 12.64 min Scan# 1794
 Delta R.T. 0.01 min
 Lab File: BF118164.D
 Acq: 10 Dec 2019 13:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	30.4
203	17.8	0.0	37.2

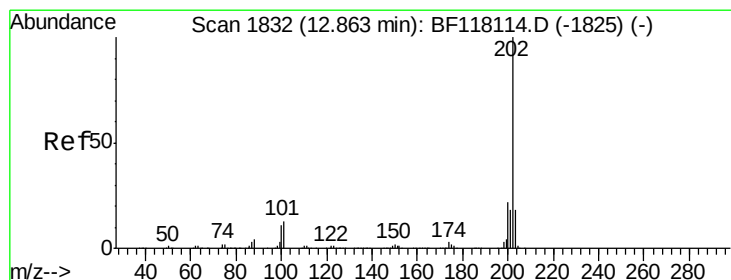
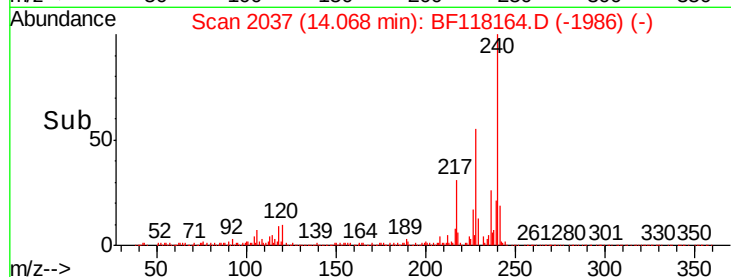
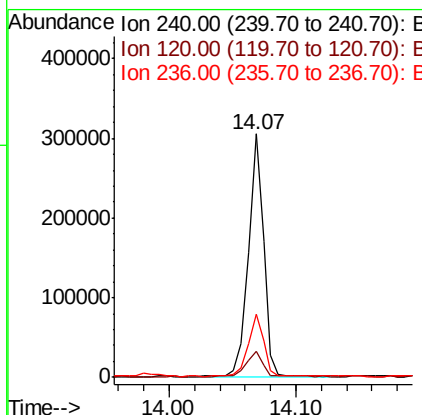
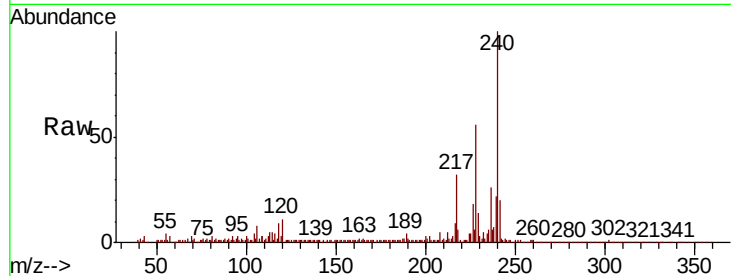




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BF118164.D
Acq: 10 Dec 2019 13:46

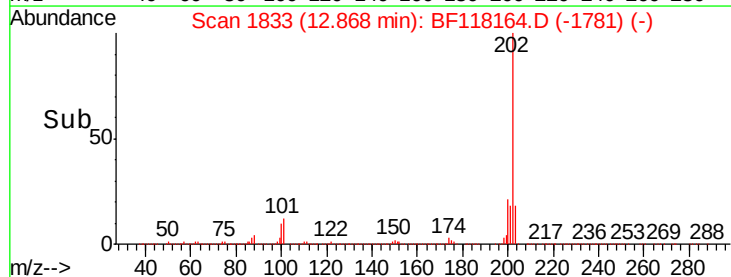
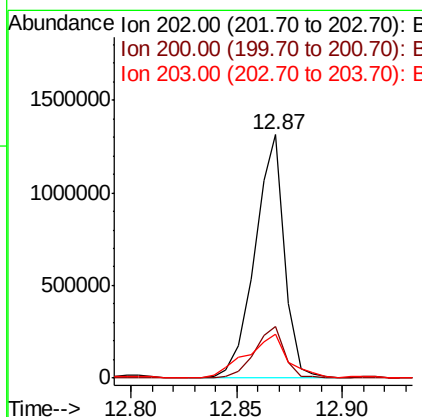
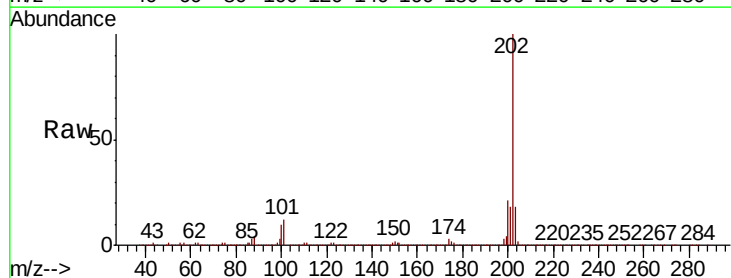
Instrument :
BNA_F
ClientSampleId :

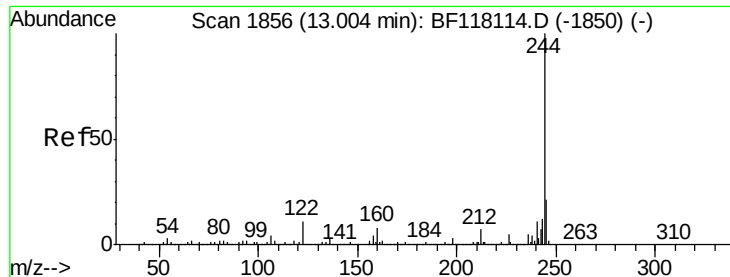
Tot Ion:240 Resp: 254783
Ion Ratio Lower Upper
240 100
120 10.8 7.1 10.7#
236 26.2 21.0 31.6



#78
Pyrene
Concen: 63.375 ng
RT: 12.87 min Scan# 1833
Delta R.T. 0.01 min
Lab File: BF118164.D
Acq: 10 Dec 2019 13:46

Tgt Ion:202 Resp: 1272436
Ion Ratio Lower Upper
202 100
200 21.4 17.5 26.3
203 18.1 14.6 21.8





#79

Terphenyl-d14

Concen: 32.400 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF118164.D

Acq: 10 Dec 2019 13:46

Instrument :

BNA_F

ClientSampleId :

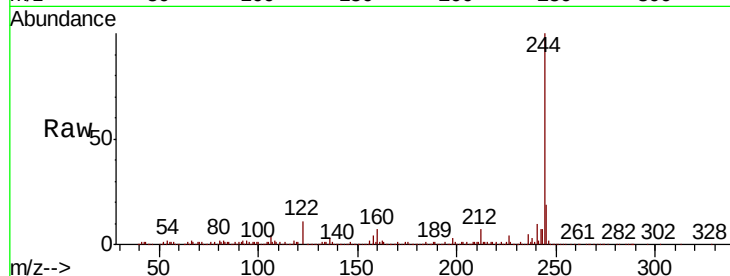
Tot Ion:244 Resp: 480042

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

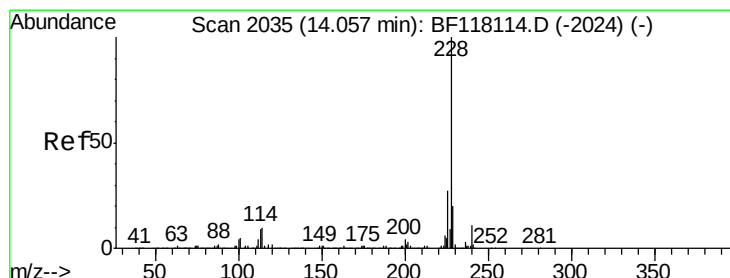
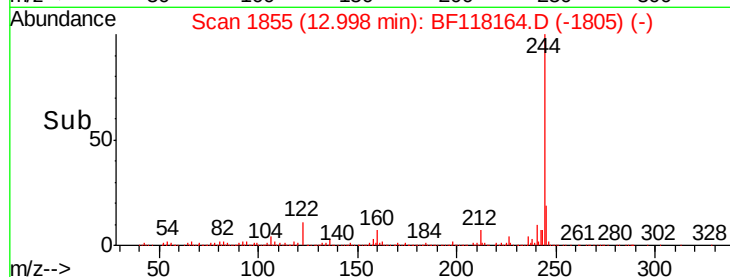
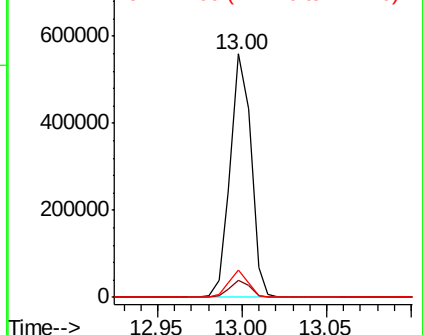
122 11.1 9.0 13.6



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: 41.631 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF118164.D

Acq: 10 Dec 2019 13:46

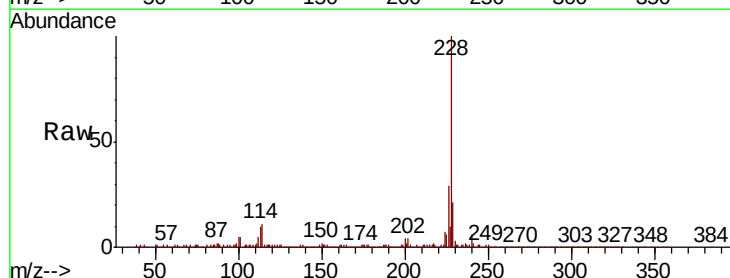
Tgt Ion:228 Resp: 733431

Ion Ratio Lower Upper

228 100

226 29.3 21.8 32.8

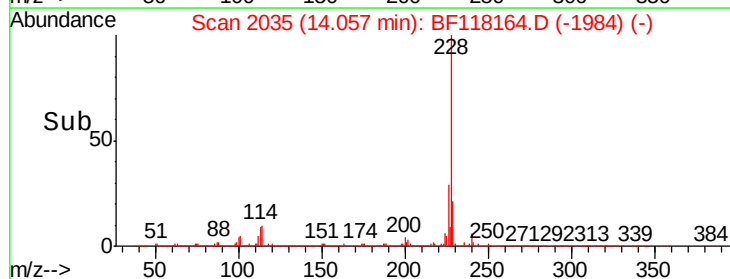
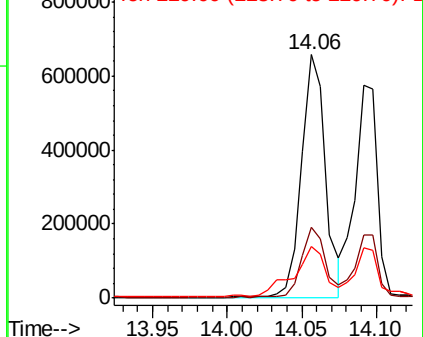
229 21.3 15.8 23.8

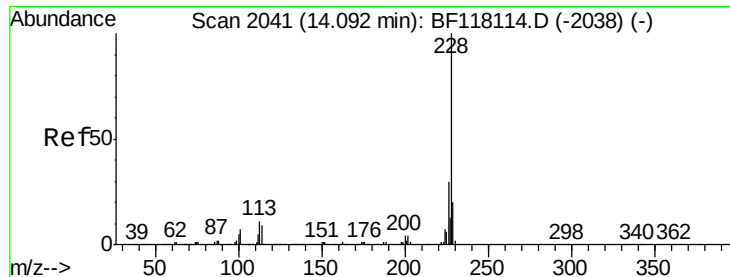


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 43.582 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.04 min

Lab File: BF118164.D

Acq: 10 Dec 2019 13:46

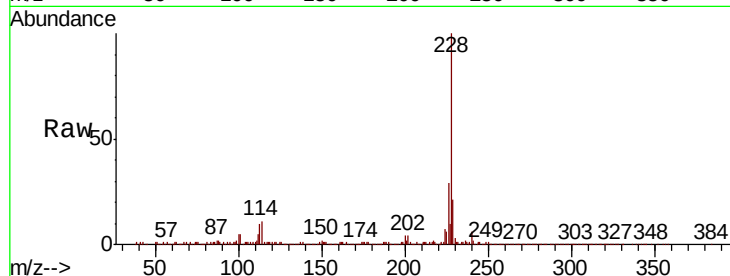
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 733431

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.8	35.8
229	21.3	15.7	23.5

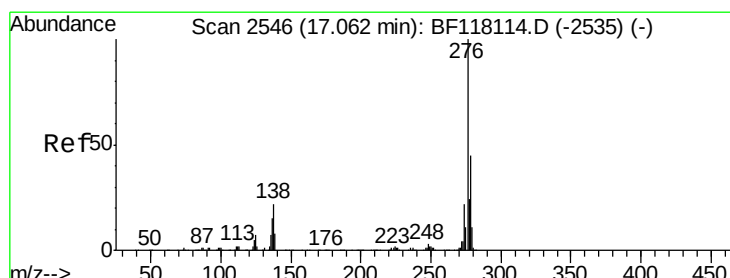
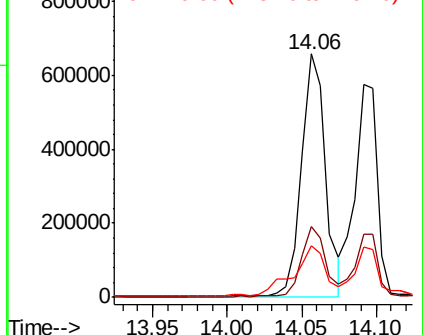
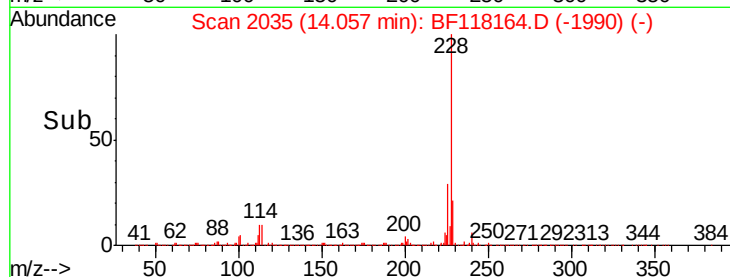


Abundance

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 17.219 ng

RT: 17.08 min Scan# 2549

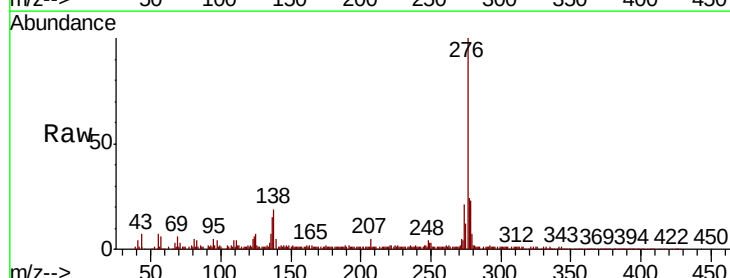
Delta R.T. 0.02 min

Lab File: BF118164.D

Acq: 10 Dec 2019 13:46

Tgt Ion:276 Resp: 243818

Ion	Ratio	Lower	Upper
276	100		
138	19.7	18.9	28.3
277	24.1	20.4	30.6

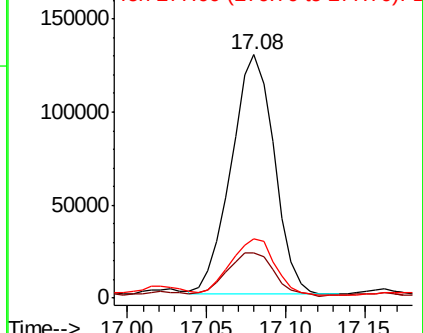
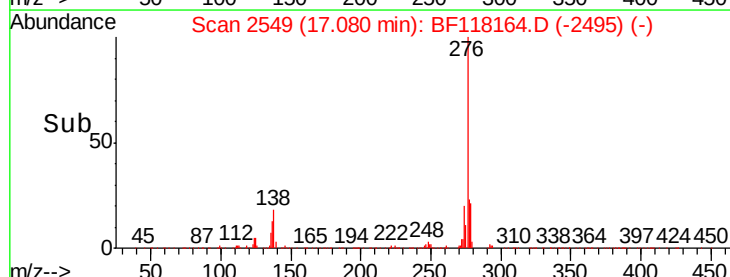


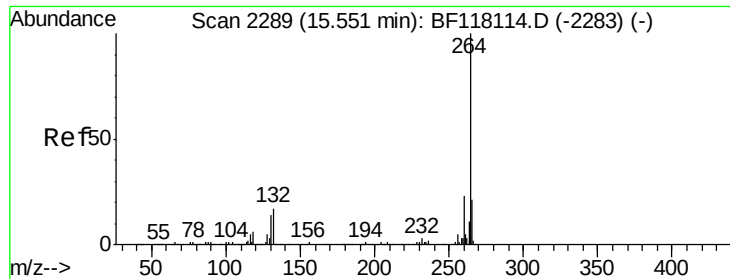
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2292

Delta R.T. 0.02 min

Lab File: BF118164.D

Acq: 10 Dec 2019 13:46

Instrument :

BNA_F

ClientSampled :

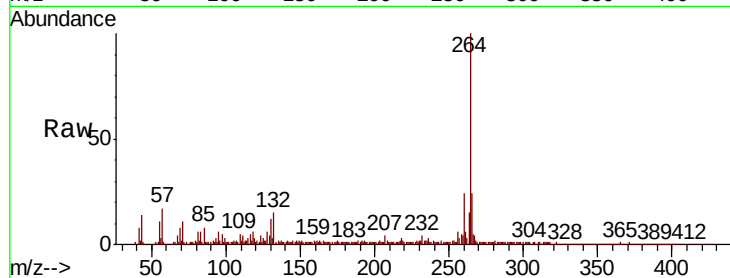
Tot Ion:264 Resp: 237343

Ion Ratio Lower Upper

264 100

260 24.3 18.6 28.0

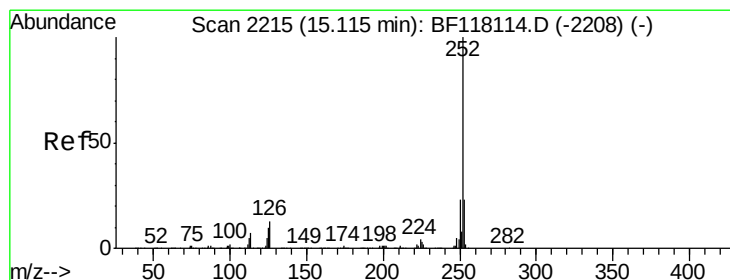
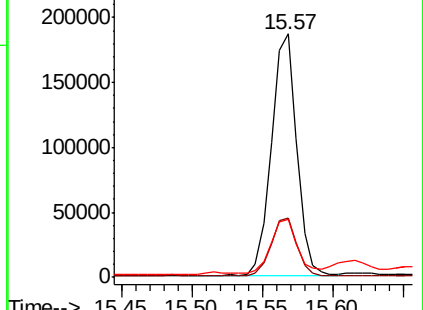
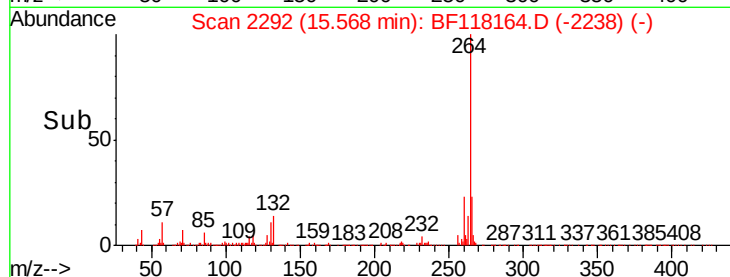
265 24.0 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 62.377 ng

RT: 15.13 min Scan# 2217

Delta R.T. 0.01 min

Lab File: BF118164.D

Acq: 10 Dec 2019 13:46

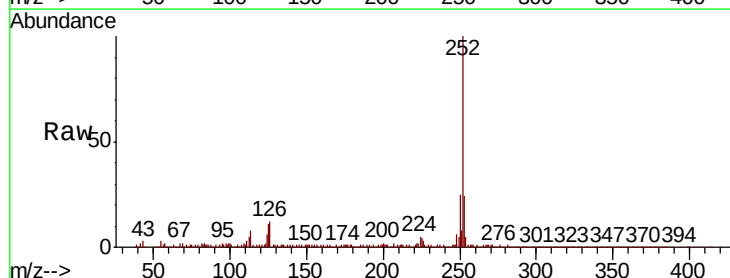
Tgt Ion:252 Resp: 979139

Ion Ratio Lower Upper

252 100

253 24.3 18.2 27.4

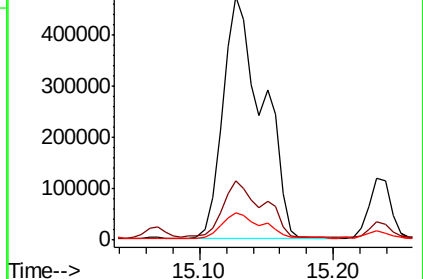
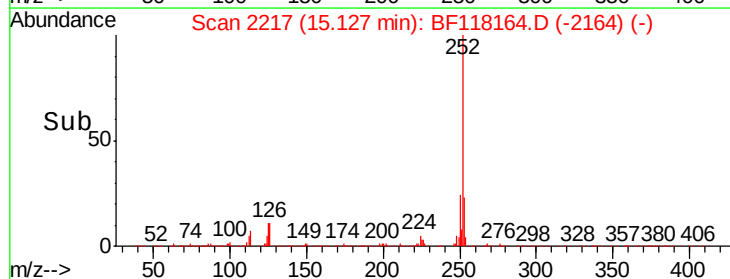
125 11.5 8.3 12.5

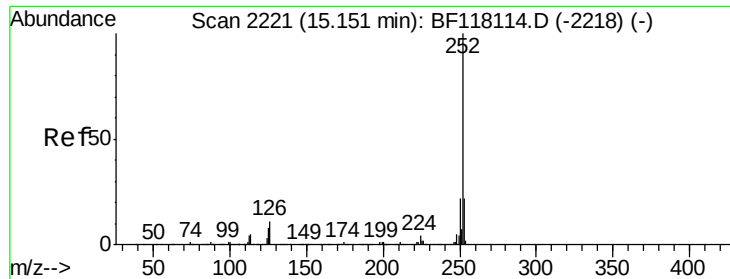


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

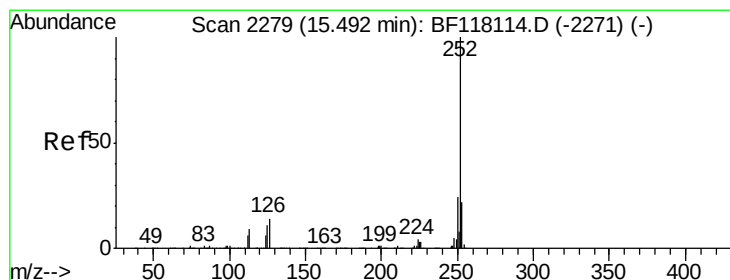
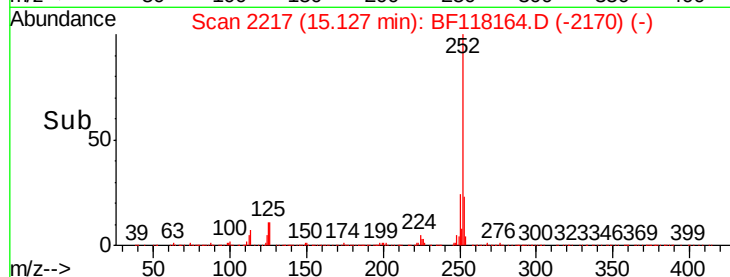
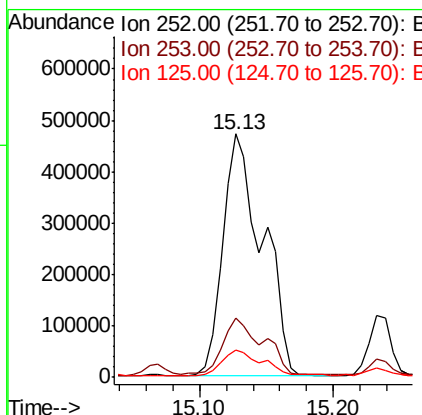
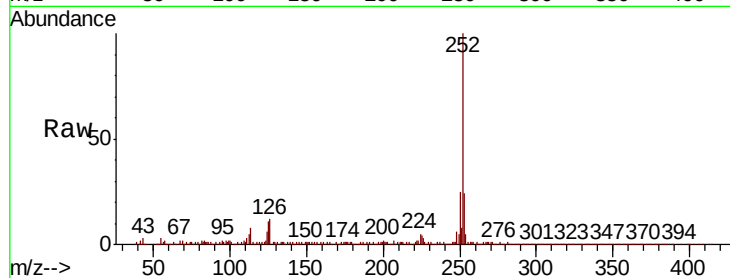




#89
Benzo(k)fluoranthene
Concen: 64.931 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.02 min
Lab File: BF118164.D
Acq: 10 Dec 2019 13:46

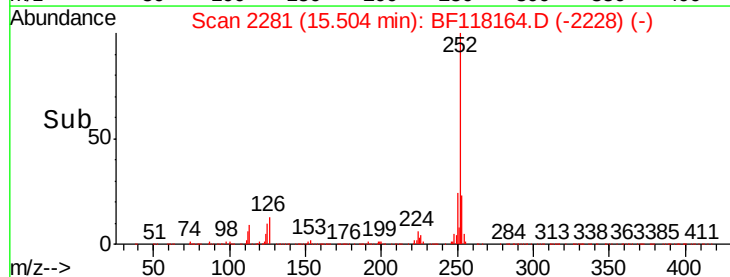
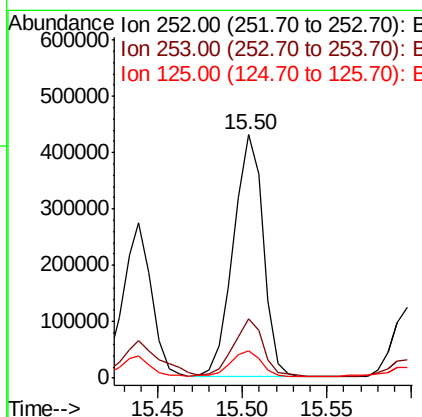
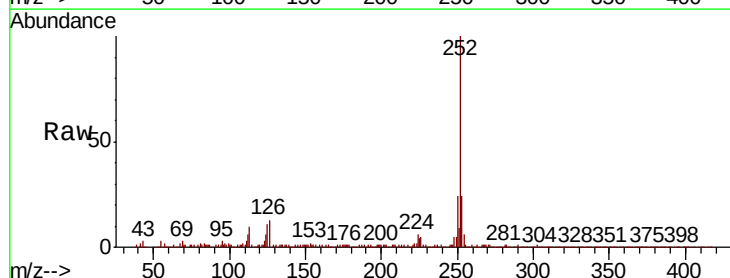
Instrument :
BNA_F
ClientSampleId :

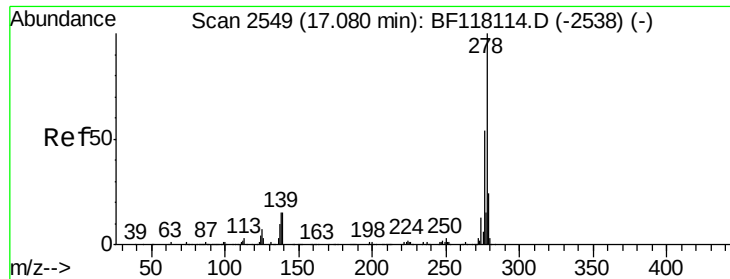
Tot Ion:252 Resp: 979139
Ion Ratio Lower Upper
252 100
253 24.3 17.6 26.4
125 11.5 6.7 10.1#



#90
Benzo(a)pyrene
Concen: 38.293 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF118164.D
Acq: 10 Dec 2019 13:46

Tgt Ion:252 Resp: 530881
Ion Ratio Lower Upper
252 100
253 24.3 17.5 26.3
125 11.1 9.1 13.7

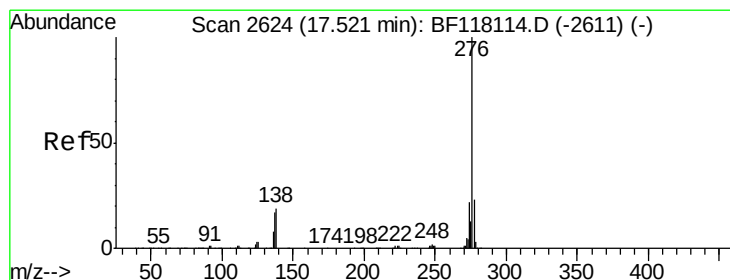
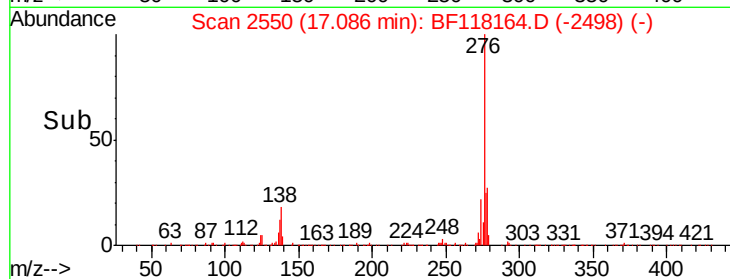
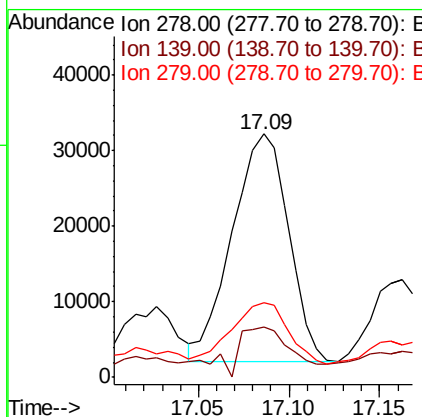
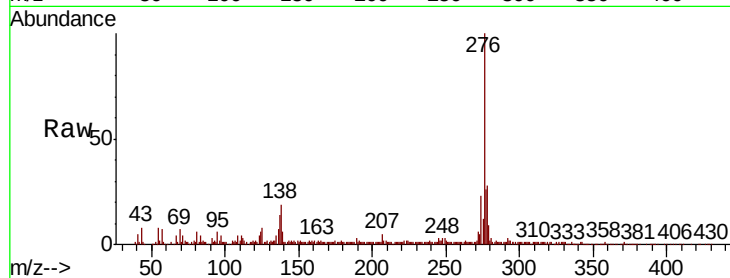




#91
Dibenzo(a,h)anthracene
Concen: 5.436 ng
RT: 17.09 min Scan# 2550
Delta R.T. 0.01 min
Lab File: BF118164.D
Acq: 10 Dec 2019 13:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 64644
Ion Ratio Lower Upper
278 100
139 20.7 11.7 17.5#
279 30.6 19.0 28.4#



#92
Benzo(g,h,i)perylene
Concen: 19.269 ng
RT: 17.54 min Scan# 2627
Delta R.T. 0.02 min
Lab File: BF118164.D
Acq: 10 Dec 2019 13:46

Tgt Ion:276 Resp: 220179
Ion Ratio Lower Upper
276 100
277 25.0 18.2 27.4
138 21.1 15.5 23.3

