

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040120\
 Data File : BF119704.D
 Acq On : 2 Apr 2020 8:28
 Operator : MA/SJ
 Sample : L1759-16 5X
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-033020

Quant Time: Apr 02 08:59:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	235867	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	860063	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	396993	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	621286	20.00	ng	0.00
76) Chrysene-d12	13.99	240	398586	20.00	ng	-0.01
87) Perylene-d12	15.44	264	366489	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	318503	21.50	ng	0.00
7) Phenol-d6	6.43	99	397948	21.03	ng	-0.01
23) Nitrobenzene-d5	7.37	82	228494	14.44	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	77608	18.95	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	451625	16.85	ng	0.00
79) Terphenyl-d14	12.93	244	338270	16.63	ng	-0.01

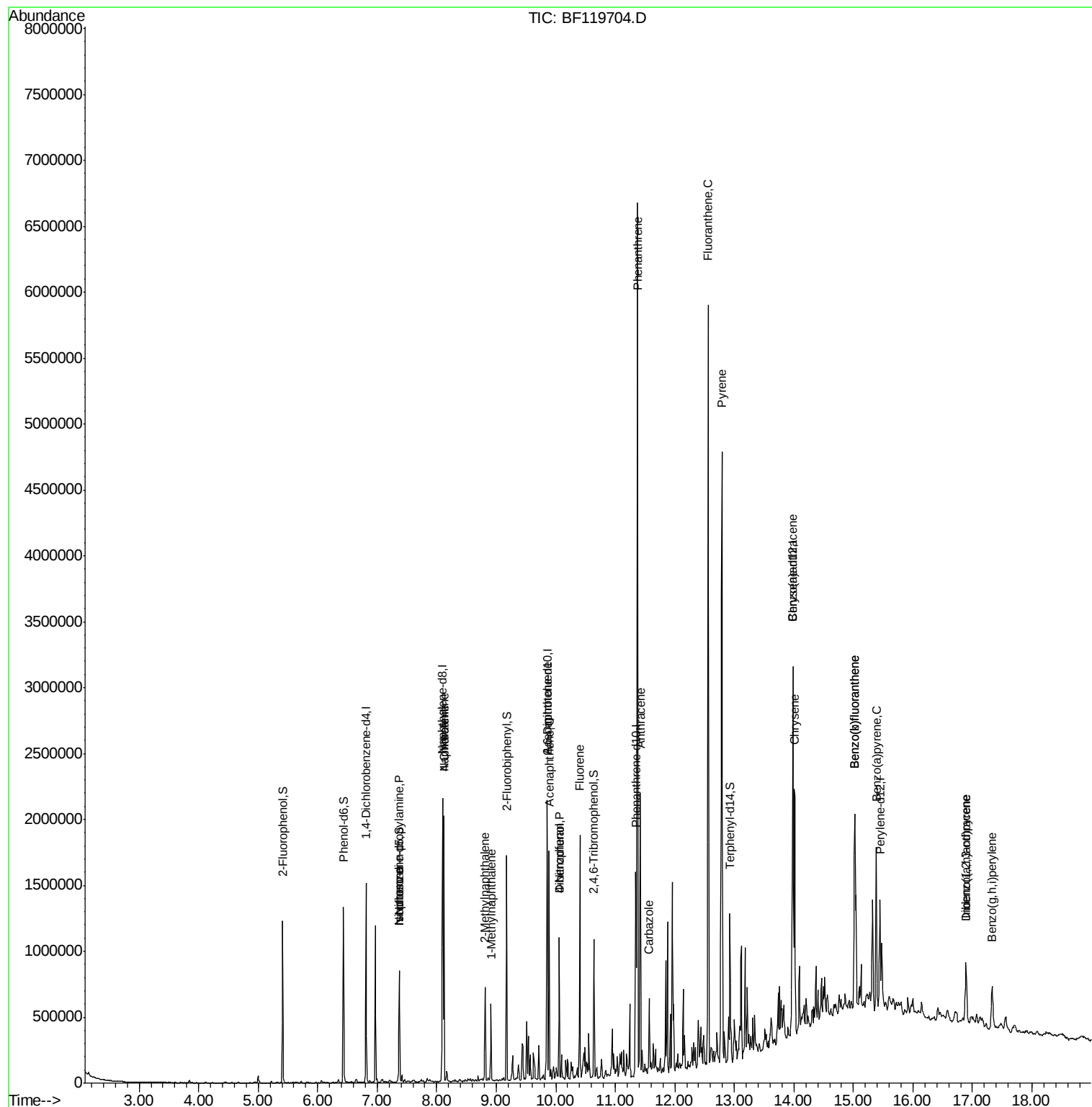
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	29214	2.56	ng	# 73
25) Isophorone	7.37	82	226331	7.05	ng	# 65
31) Naphthalene	8.12	128	753831	17.03	ng	98
33) 4-Chloroaniline	8.12	127	98410	4.85	ng	# 33
37) 2-Methylnaphthalene	8.81	142	188219	6.48	ng	98
38) 1-Methylnaphthalene	8.91	142	133312	4.85	ng	97
51) 2,6-Dinitrotoluene	9.86	165	57089	9.45	ng	# 27
52) Acenaphthene	9.89	154	327628	13.21	ng	99
55) Dibenzofuran	10.06	168	343471	9.66	ng	97
56) 4-Nitrophenol	10.06	139	121381	20.16	ng	# 6
58) Fluorene	10.40	166	466370	17.74	ng	99
71) Phenanthrene	11.37	178	2524372	78.36	ng	100
72) Anthracene	11.42	178	805874	24.61	ng	98
73) Carbazole	11.57	167	211473	6.53	ng	97
75) Fluoranthene	12.56	202	2412504	69.20	ng	99
78) Pyrene	12.79	202	1987548	60.76	ng	99
81) Benzo(a)anthracene	13.97	228	951266	36.70	ng	98
83) Chrysene	14.02	228	766617	28.66	ng	97
86) Indeno(1,2,3-cd)pyrene	16.89	276	313310	12.44	ng	96
88) Benzo(b)fluoranthene	15.02	252	1190935	48.65	ng	97
89) Benzo(k)fluoranthene	15.02	252	1190935	51.09	ng	98
90) Benzo(a)pyrene	15.39	252	619897	27.86	ng	99
91) Dibenzo(a,h)anthracene	16.90	278	77519	3.98	ng	# 90
92) Benzo(g,h,i)perylene	17.33	276	275169	14.08	ng	98

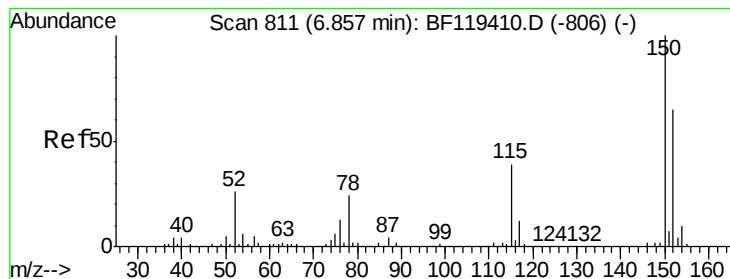
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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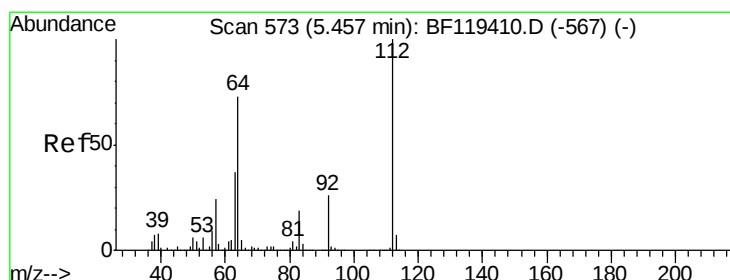
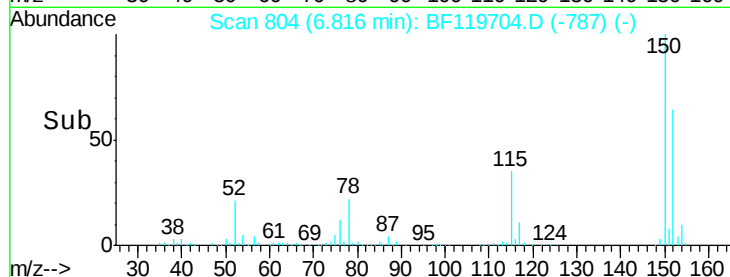
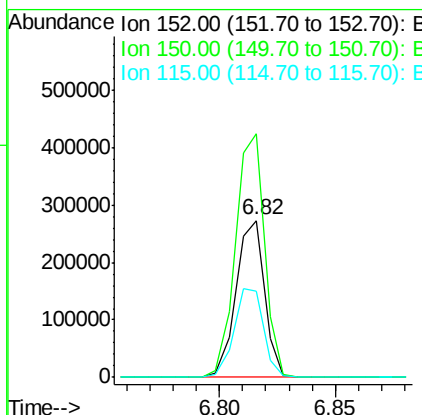
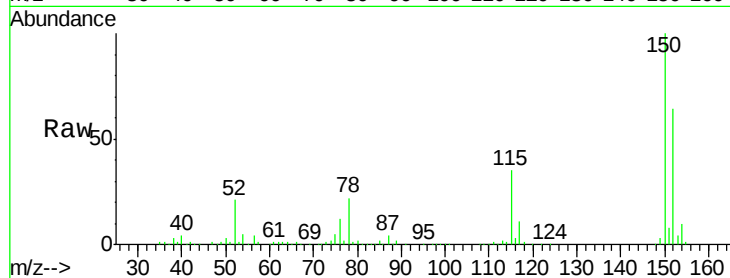




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF119704.D
 Acq: 2 Apr 2020 8:28

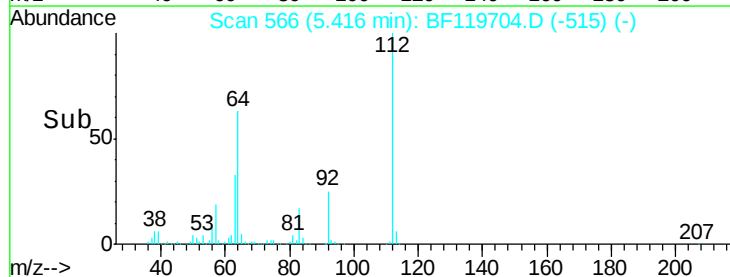
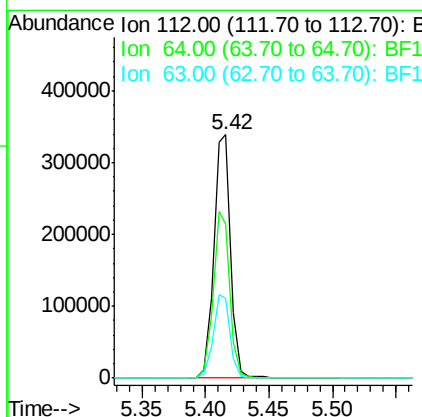
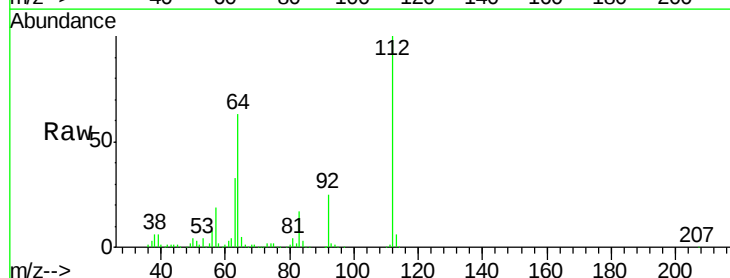
Instrument :
 BNA_F
 ClientSampleId :
 OR-03-033020

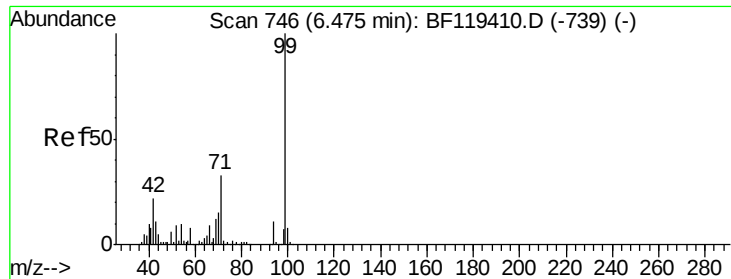
Tgt Ion:152 Resp: 235867
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.5 186.7
 115 55.1 49.6 74.4



#5
 2-Fluorophenol
 Concen: 21.50 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: BF119704.D
 Acq: 2 Apr 2020 8:28

Tgt Ion:112 Resp: 318503
 Ion Ratio Lower Upper
 112 100
 64 63.5 56.7 85.1
 63 32.5 29.5 44.3





#7

Phenol-d6

Concen: 21.03 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF119704.D

Acq: 2 Apr 2020 8:28

Instrument :

BNA_F

ClientSampleId :

OR-03-033020

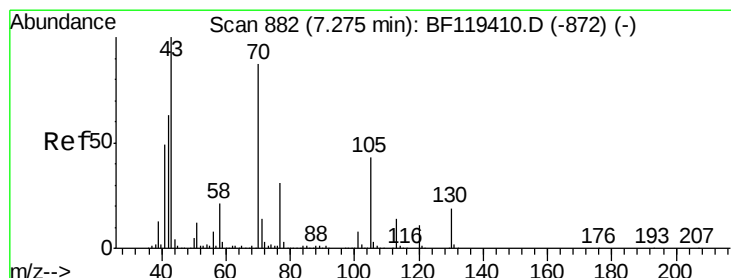
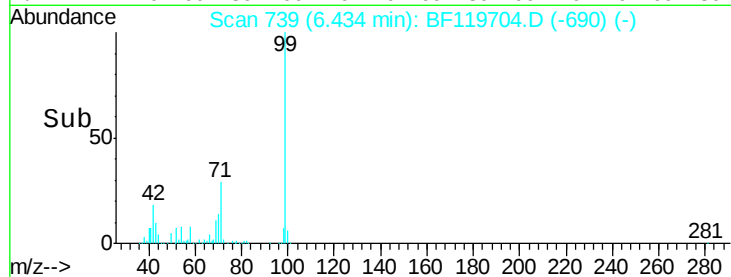
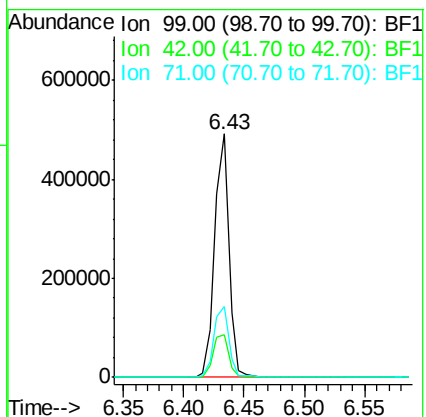
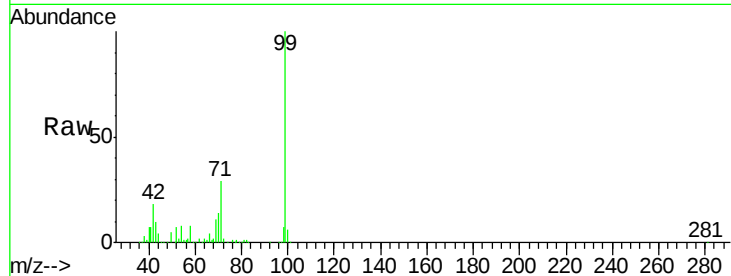
Tgt Ion: 99 Resp: 397948

Ion Ratio Lower Upper

99 100

42 17.7 16.6 24.8

71 28.9 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 2.56 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.14 min

Lab File: BF119704.D

Acq: 2 Apr 2020 8:28

Tgt Ion: 70 Resp: 29214

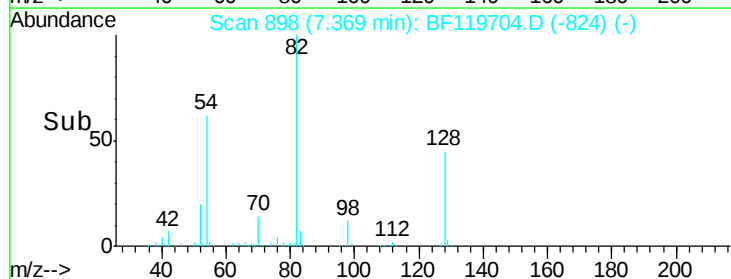
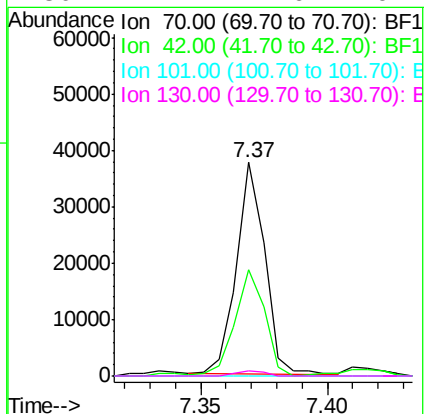
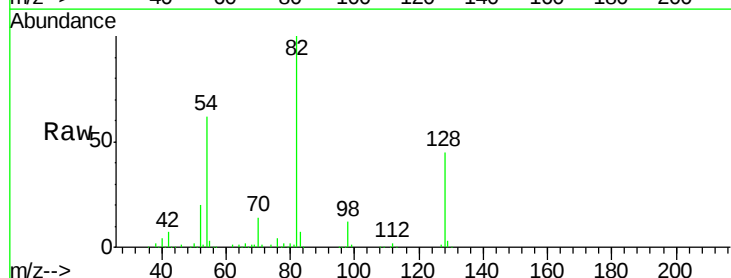
Ion Ratio Lower Upper

70 100

42 49.5 54.5 81.7#

101 0.0 7.6 11.4#

130 2.2 17.6 26.4#

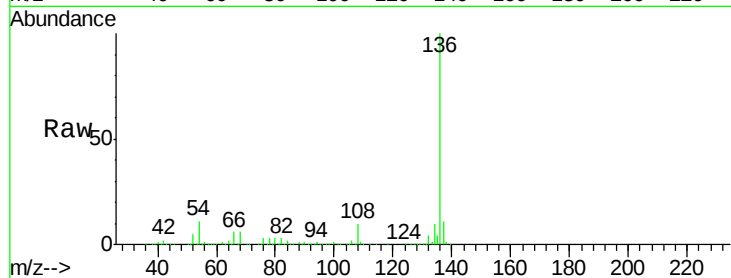




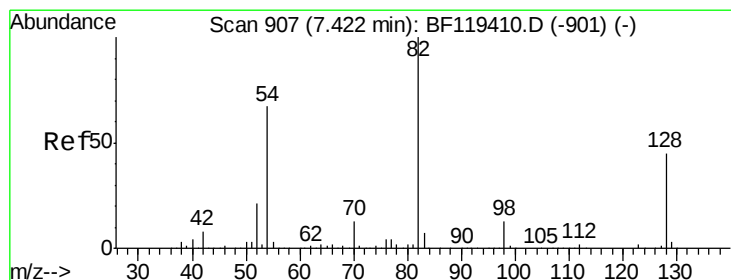
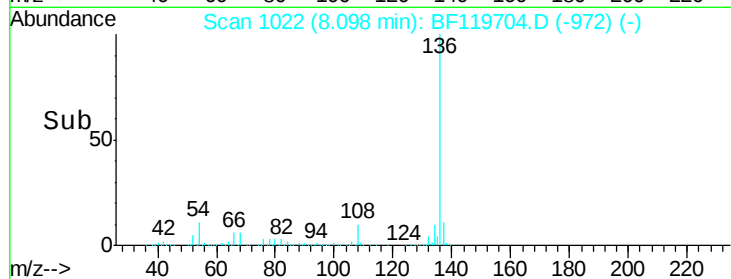
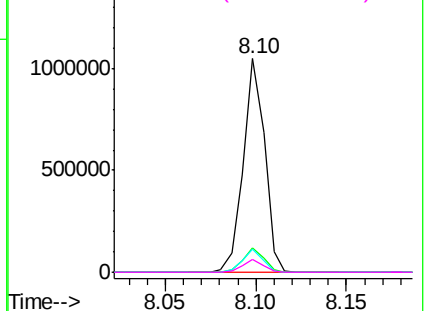
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF119704.D
Acq: 2 Apr 2020 8:28

Instrument :
BNA_F
ClientSampleId :
OR-03-033020

Tgt Ion:	136	Resp:	860063
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	10.8	9.1	13.7
68	6.2	4.6	6.8

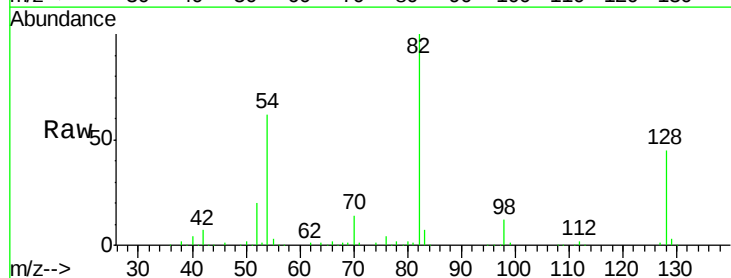


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

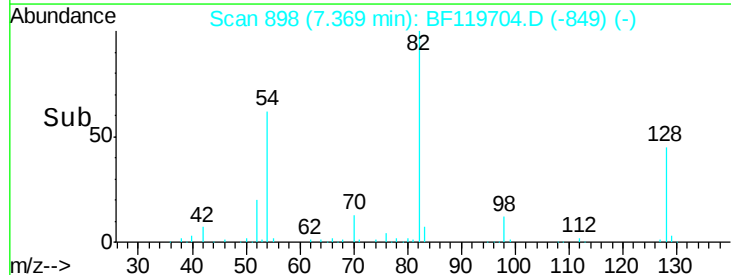
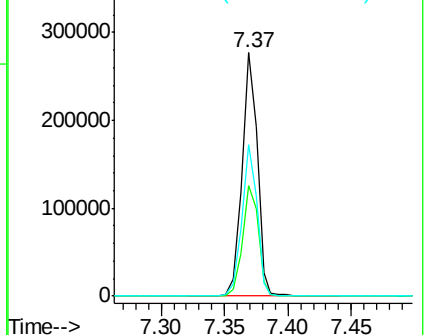


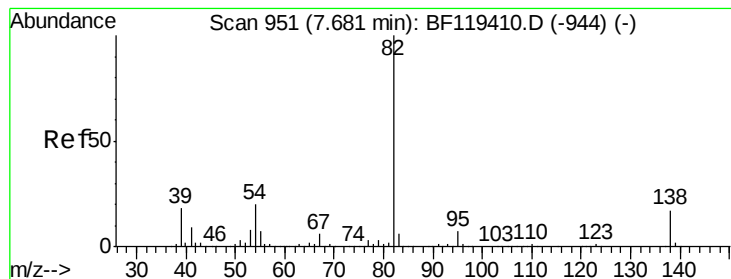
#23
Nitrobenzene-d5
Concen: 14.44 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF119704.D
Acq: 2 Apr 2020 8:28

Tgt Ion:	82	Resp:	228494
Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.3	54.5
54	62.4	50.6	75.8



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





#25

Isophorone

Concen: 7.05 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.27 min

Lab File: BF119704.D

Acq: 2 Apr 2020 8:28

Instrument :

BNA_F

ClientSampleId :

OR-03-033020

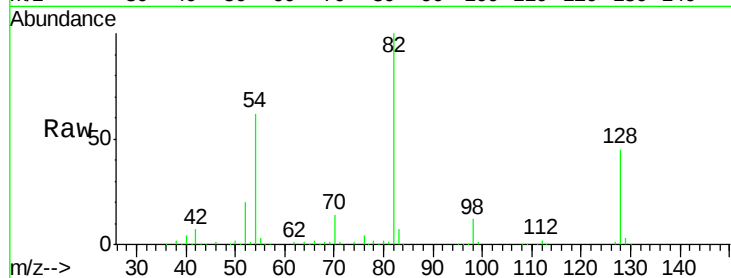
Tgt Ion: 82 Resp: 226331

Ion Ratio Lower Upper

82 100

95 0.2 5.8 8.6#

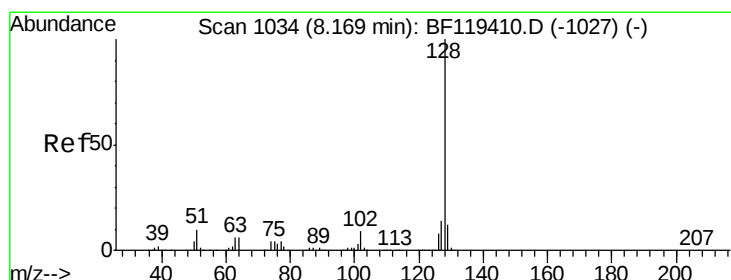
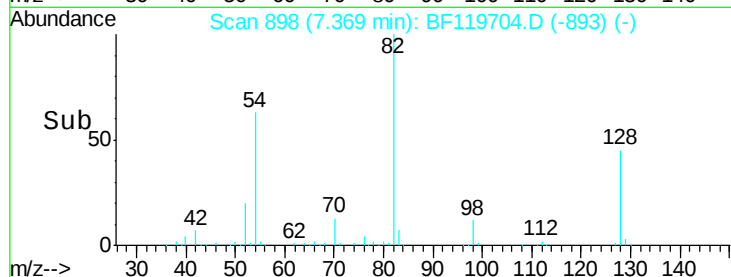
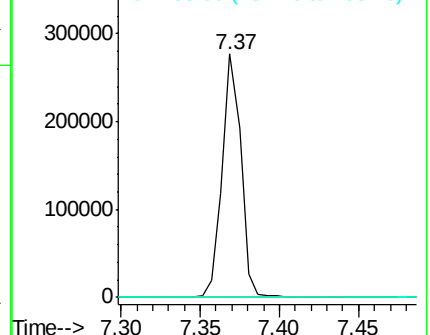
138 0.0 14.6 21.8#



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: 17.03 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF119704.D

Acq: 2 Apr 2020 8:28

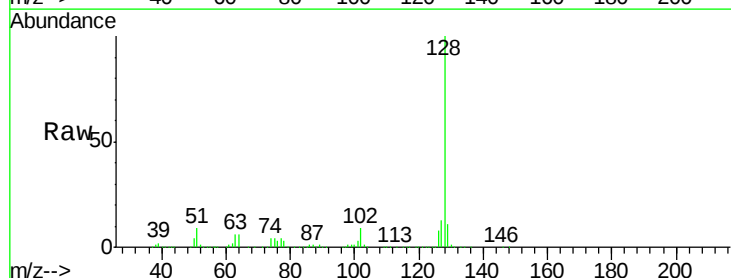
Tgt Ion: 128 Resp: 753831

Ion Ratio Lower Upper

128 100

129 11.1 9.5 14.3

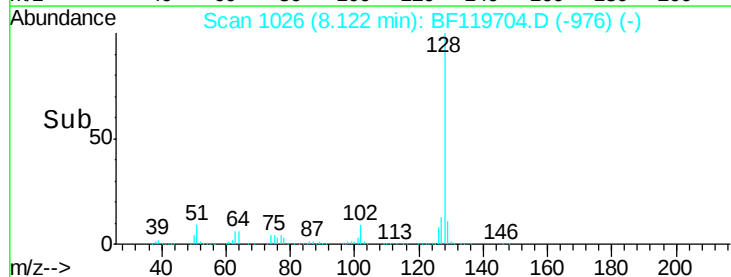
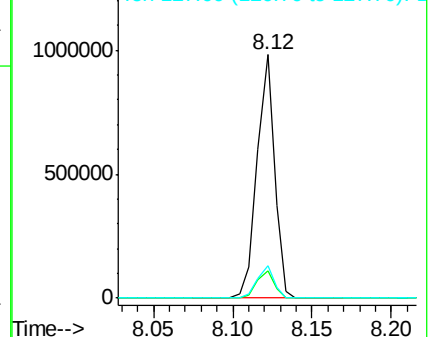
127 13.4 11.3 16.9

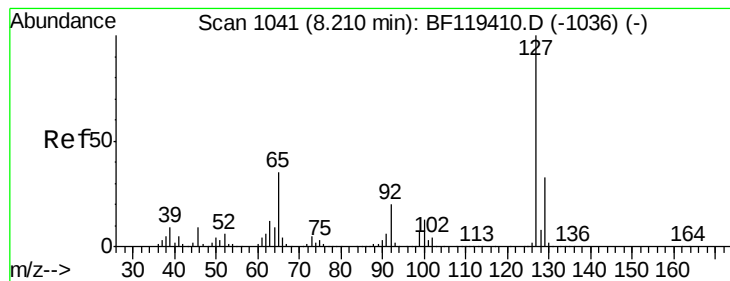


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#33

4-Chloroaniline

Concen: 4.85 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.05 min

Lab File: BF119704.D

Acq: 2 Apr 2020 8:28

Instrument :

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ClientSampleId :

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Tgt Ion:127 Resp: 98410

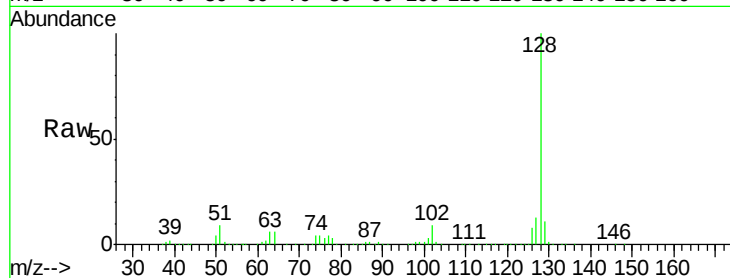
Ion Ratio Lower Upper

127 100

129 82.8 26.2 39.4#

65 0.0 27.4 41.0#

92 0.0 15.3 22.9#

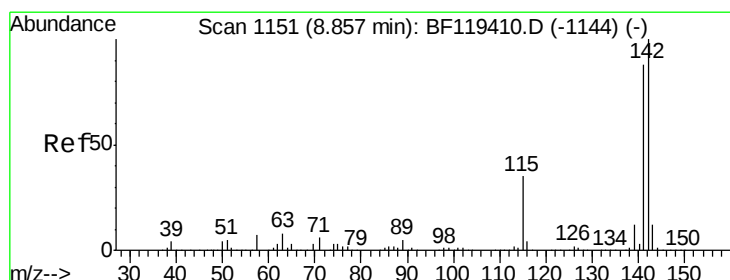
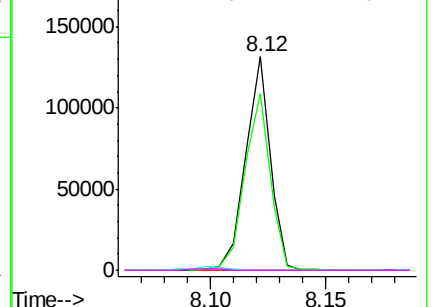
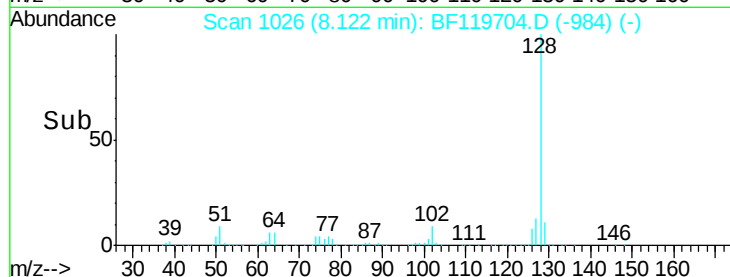


Abundance Ion 127.00 (126.70 to 127.70): E

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: 6.48 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF119704.D

Acq: 2 Apr 2020 8:28

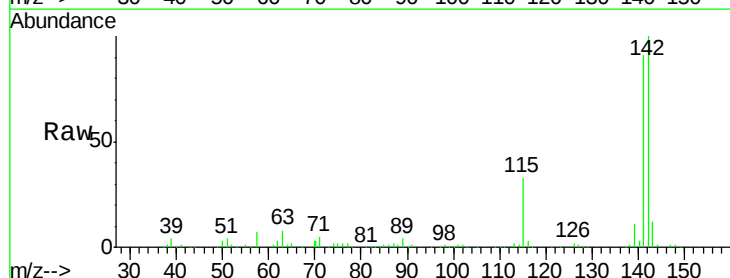
Tgt Ion:142 Resp: 188219

Ion Ratio Lower Upper

142 100

141 90.7 71.7 107.5

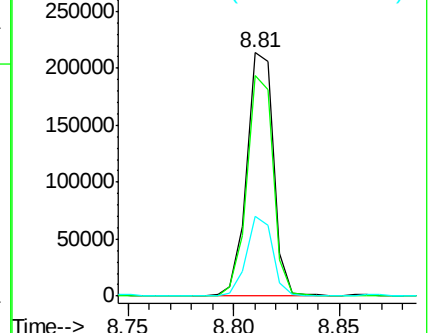
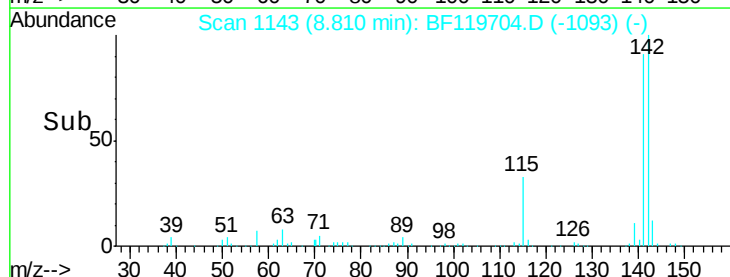
115 32.6 27.9 41.9

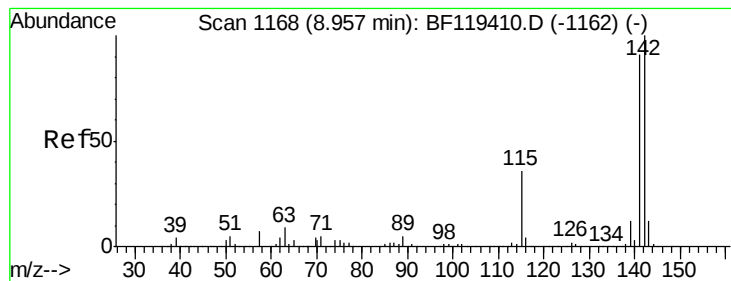


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

1-Methylnaphthalene

Concen: 4.85 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF119704.D

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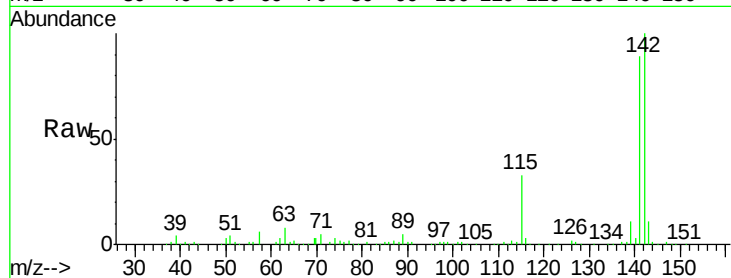
Tgt Ion:142 Resp: 133312

Ion Ratio Lower Upper

142 100

141 89.0 73.7 110.5

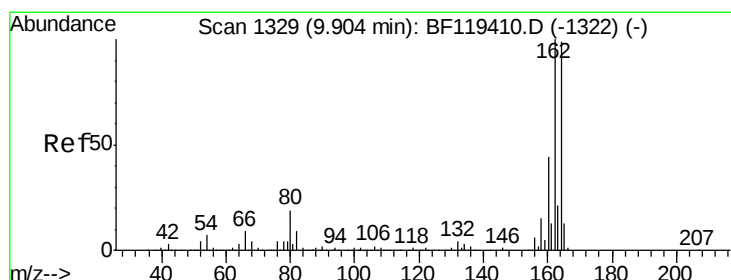
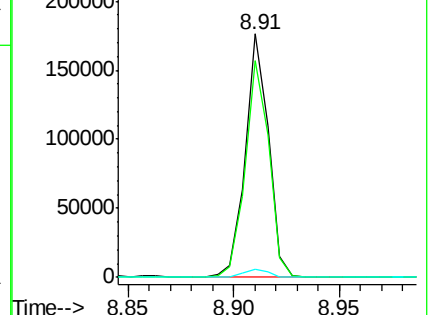
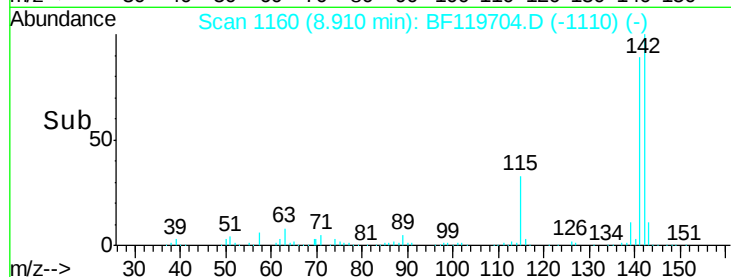
116 3.4 3.0 4.6



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: 20.00 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF119704.D

Acq: 2 Apr 2020 8:28

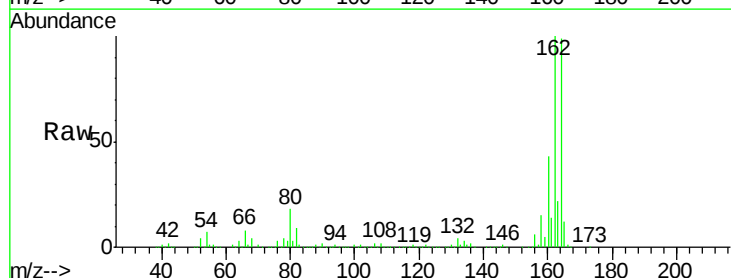
Tgt Ion:164 Resp: 396993

Ion Ratio Lower Upper

164 100

162 101.1 80.6 121.0

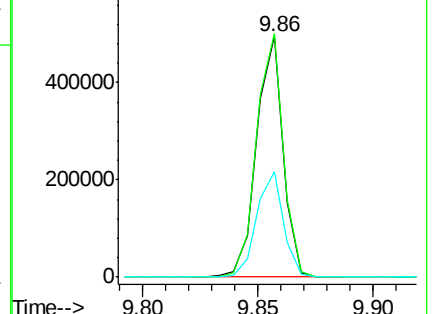
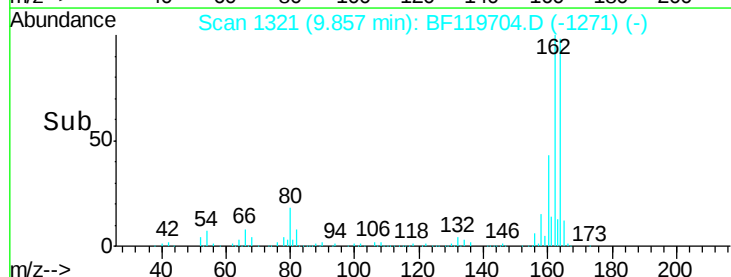
160 43.8 35.7 53.5

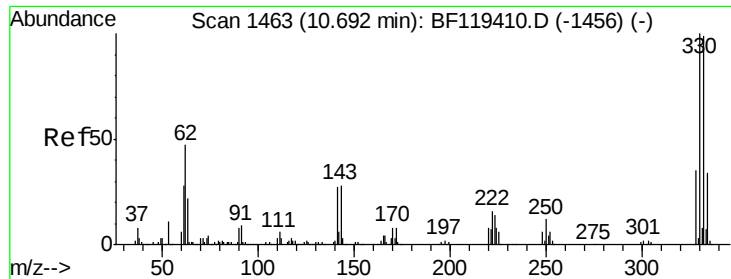


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

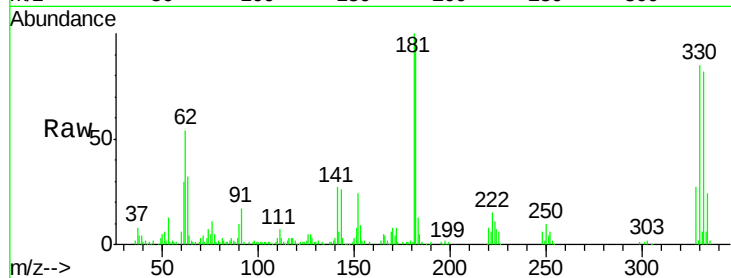




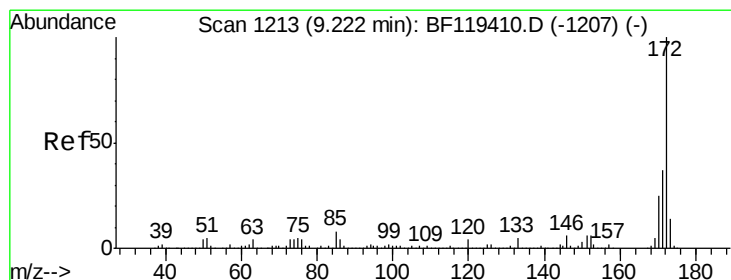
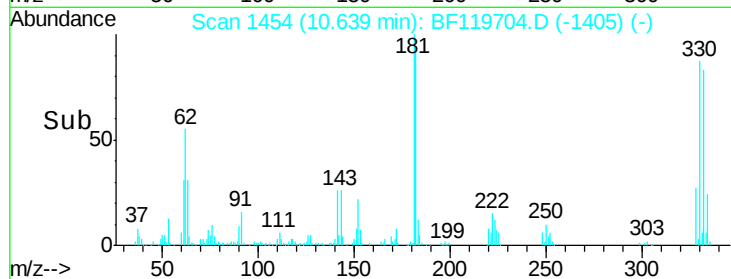
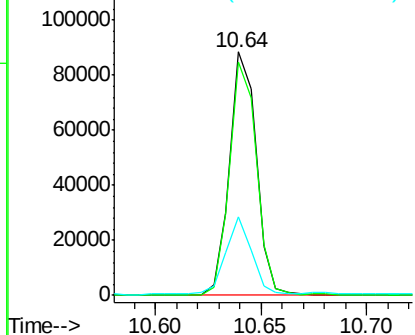
#42
 2,4,6-Tribromophenol
 Concen: 18.95 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF119704.D
 Acq: 2 Apr 2020 8:28

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-033020

Tgt Ion: 330 Resp: 77608
 Ion Ratio Lower Upper
 330 100
 332 96.3 75.7 113.5
 141 30.9 25.4 38.0

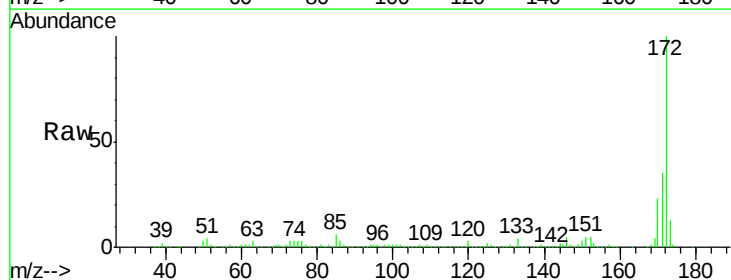


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

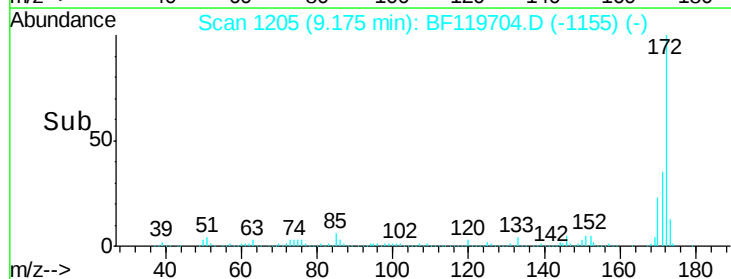
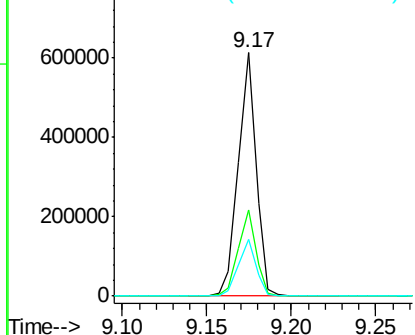


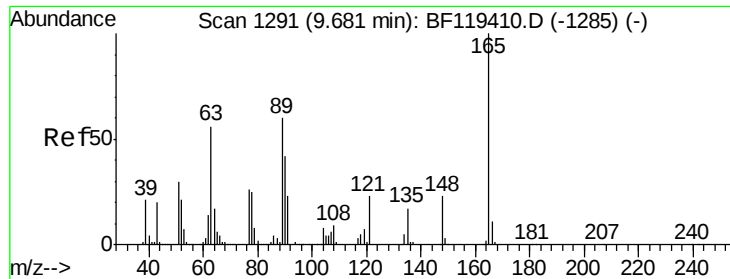
#45
 2-Fluorobiphenyl
 Concen: 16.85 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF119704.D
 Acq: 2 Apr 2020 8:28

Tgt Ion: 172 Resp: 451625
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.6 44.4
 170 23.2 20.2 30.2



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





#51

2,6-Dinitrotoluene

Concen: 9.45 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.21 min

Lab File: BF119704.D

Acq: 2 Apr 2020 8:28

Instrument :

BNA_F

ClientSampleId :

OR-03-033020

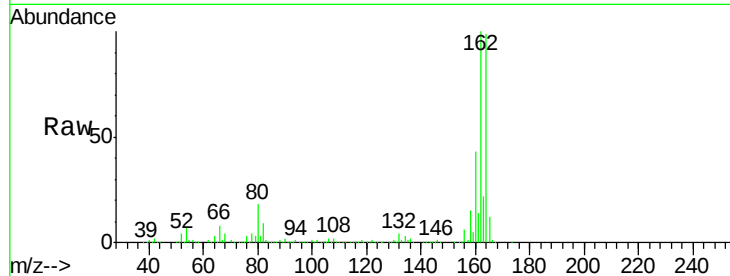
Tgt Ion:165 Resp: 57089

Ion Ratio Lower Upper

165 100

63 1.9 45.0 67.4#

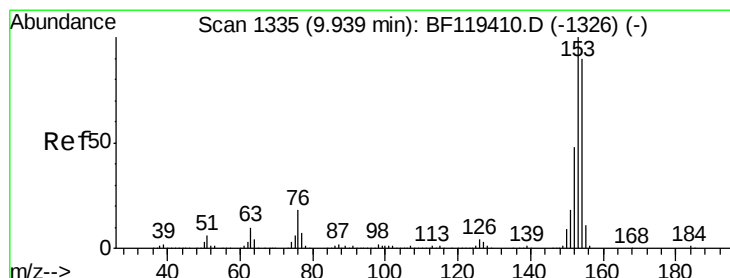
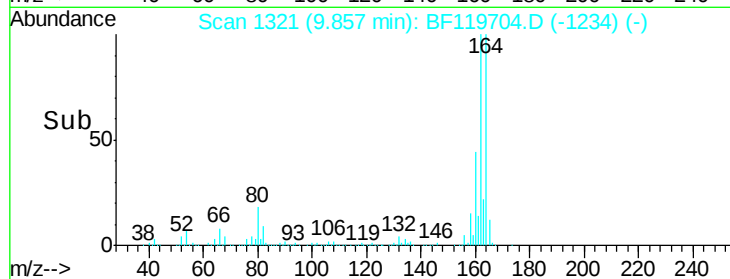
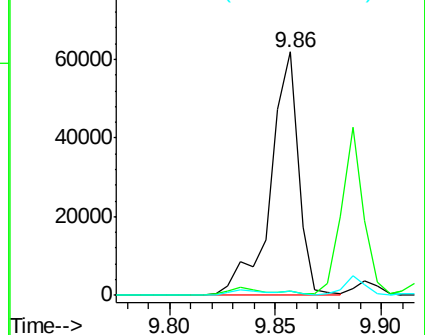
89 1.6 41.5 62.3#



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: 13.21 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF119704.D

Acq: 2 Apr 2020 8:28

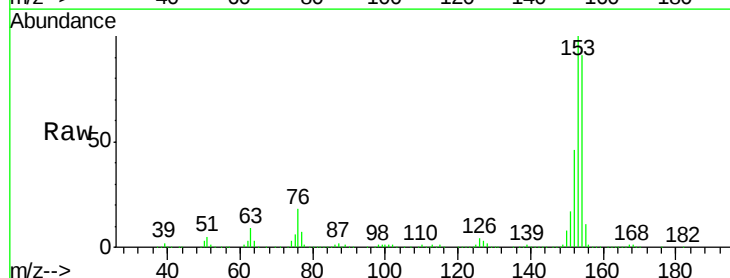
Tgt Ion:154 Resp: 327628

Ion Ratio Lower Upper

154 100

153 109.9 88.1 132.1

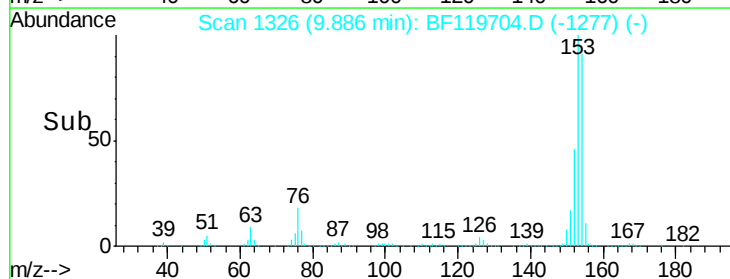
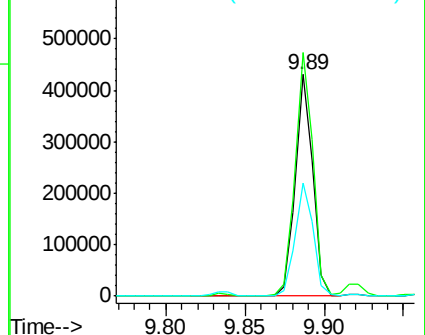
152 50.9 43.0 64.4

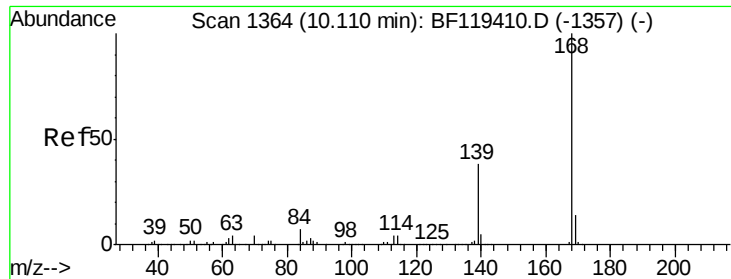


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

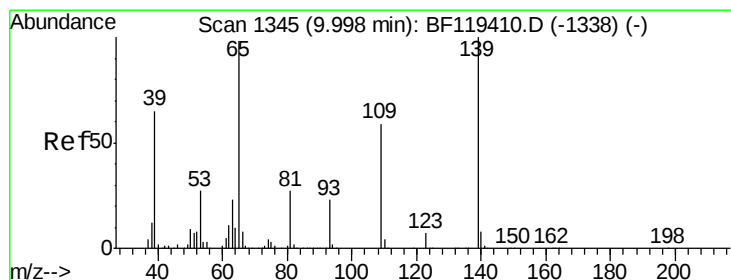
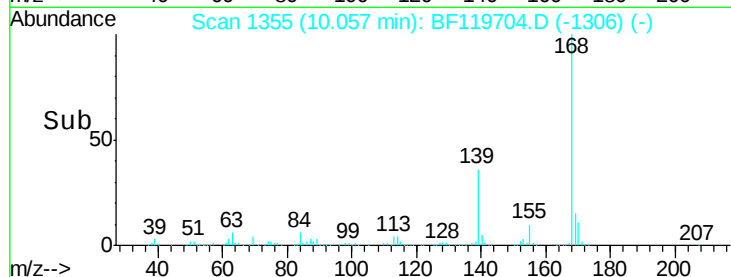
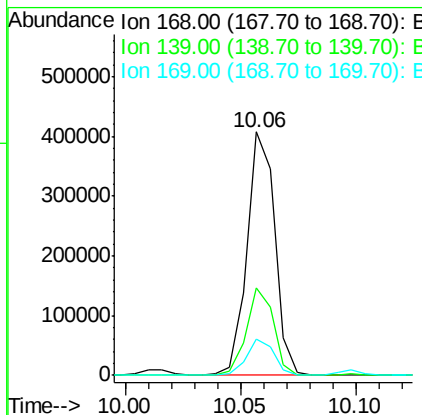
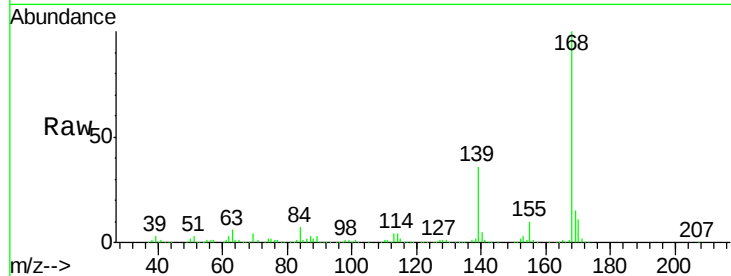




#55
Dibenzofuran
Concen: 9.66 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF119704.D
Acq: 2 Apr 2020 8:28

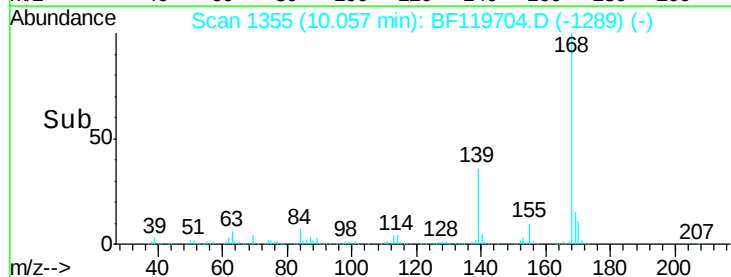
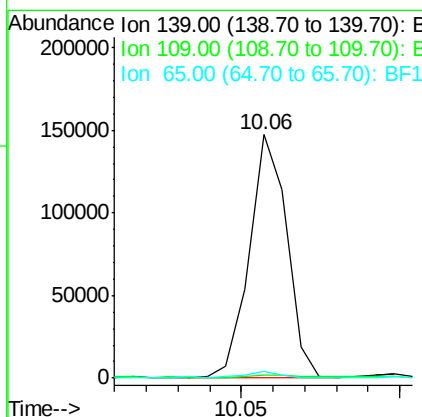
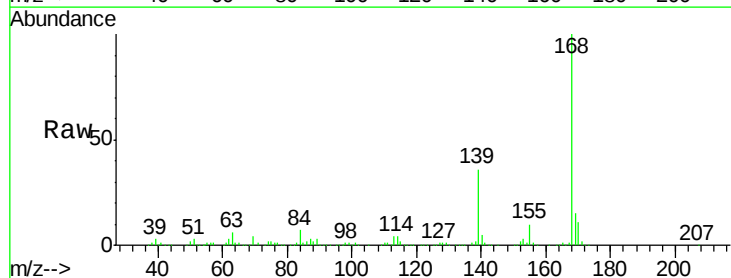
Instrument :
BNA_F
ClientSampleId :
OR-03-033020

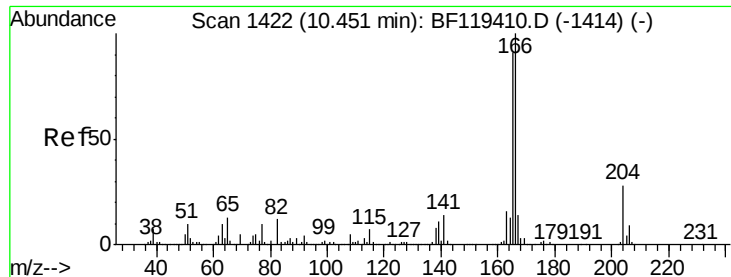
Tgt Ion:168 Resp: 343471
Ion Ratio Lower Upper
168 100
139 36.1 30.1 45.1
169 14.9 11.0 16.6



#56
4-Nitrophenol
Concen: 20.16 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.09 min
Lab File: BF119704.D
Acq: 2 Apr 2020 8:28

Tgt Ion:139 Resp: 121381
Ion Ratio Lower Upper
139 100
109 1.0 43.3 83.3#
65 2.6 91.0 131.0#





#58

Fluorene

Concen: 17.74 ng

RT: 10.40 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BF119704.D

Acq: 2 Apr 2020 8:28

Instrument :

BNA_F

ClientSampleId :

OR-03-033020

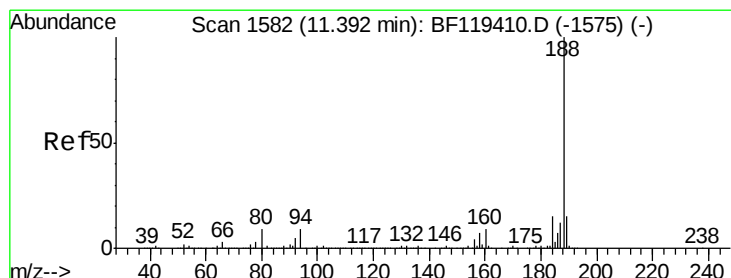
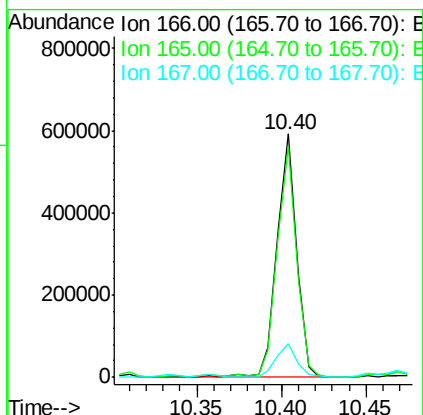
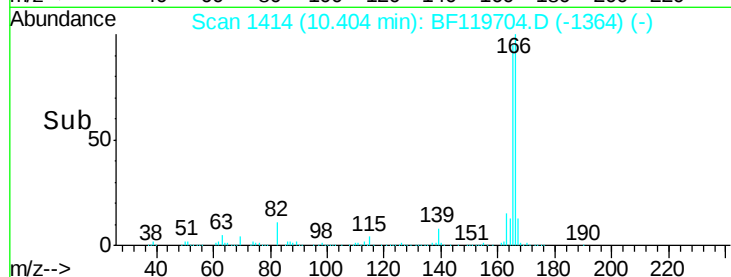
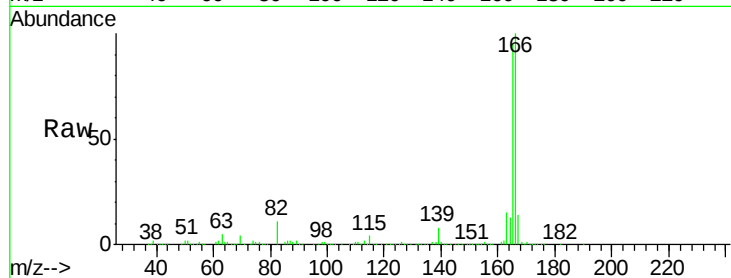
Tgt Ion:166 Resp: 466370

Ion Ratio Lower Upper

166 100

165 94.9 75.4 113.2

167 13.6 11.2 16.8



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF119704.D

Acq: 2 Apr 2020 8:28

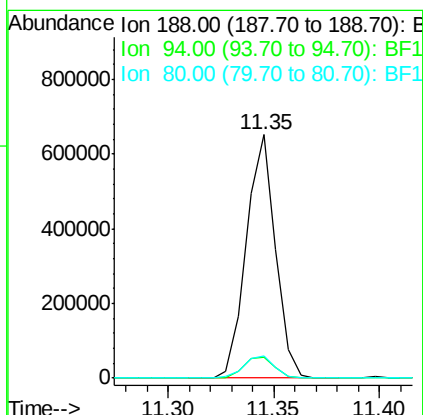
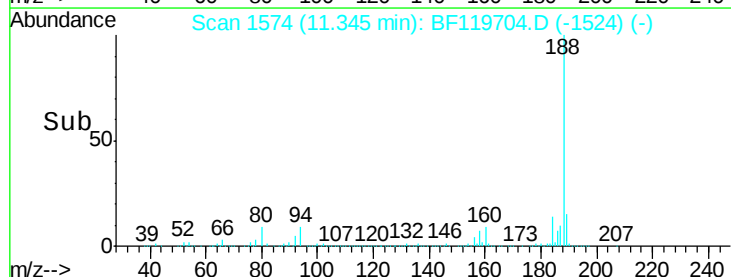
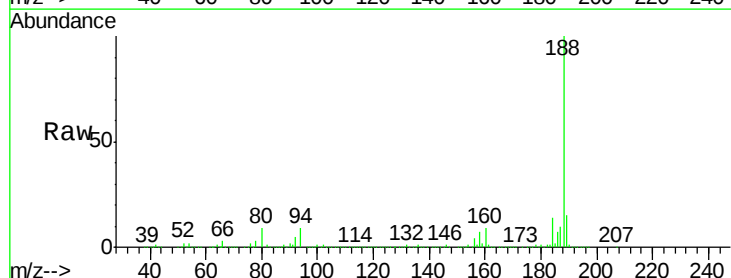
Tgt Ion:188 Resp: 621286

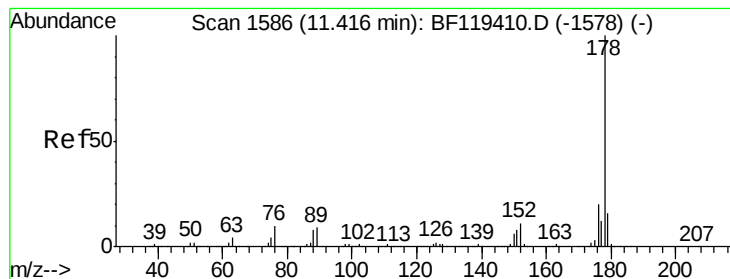
Ion Ratio Lower Upper

188 100

94 8.8 7.5 11.3

80 9.3 9.0 13.4





#71

Phenanthrene

Concen: 78.36 ng

RT: 11.37 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BF119704.D

Acq: 2 Apr 2020 8:28

Instrument :

BNA_F

ClientSampleId :

OR-03-033020

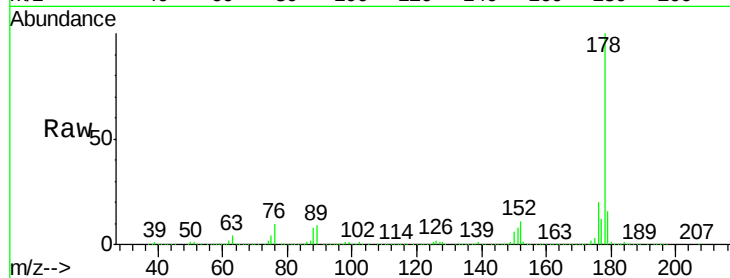
Tgt Ion:178 Resp: 2524372

Ion Ratio Lower Upper

178 100

176 20.3 16.2 24.4

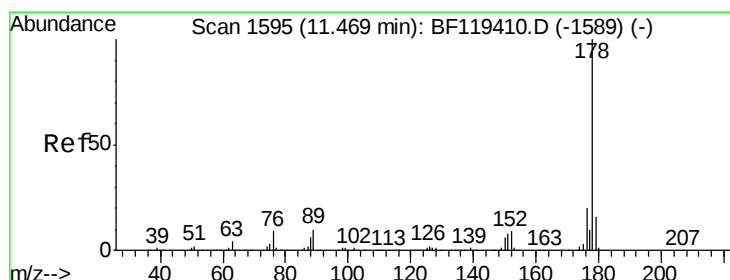
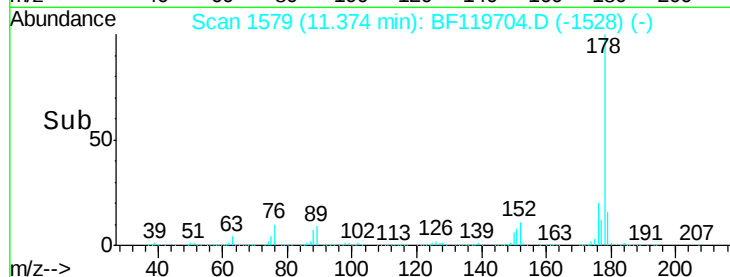
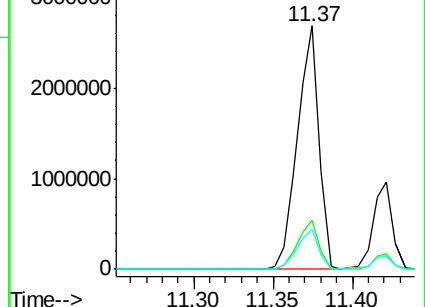
179 16.3 13.2 19.8



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: 24.61 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BF119704.D

Acq: 2 Apr 2020 8:28

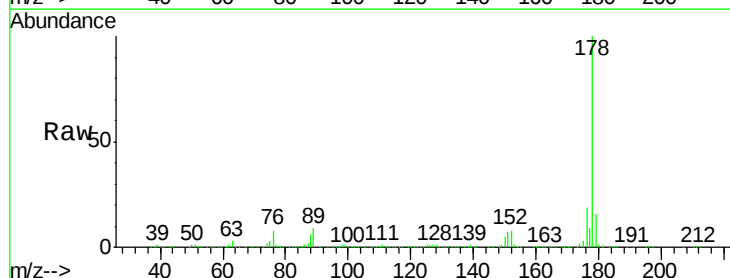
Tgt Ion:178 Resp: 805874

Ion Ratio Lower Upper

178 100

176 18.9 16.1 24.1

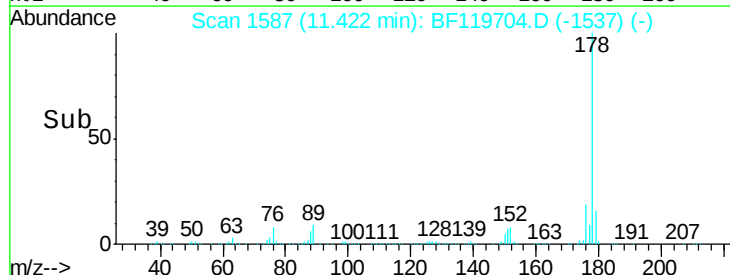
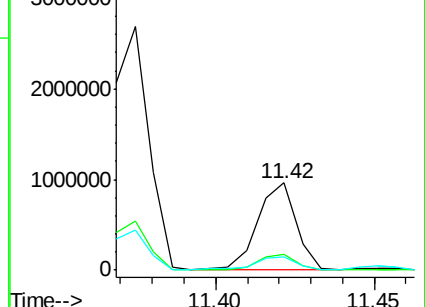
179 15.6 13.0 19.4

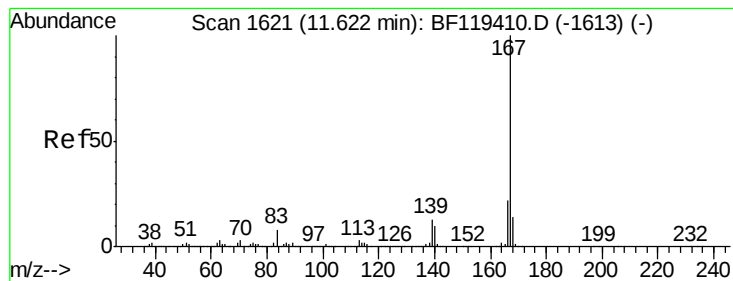


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 6.53 ng

RT: 11.57 min Scan# 1612

Delta R.T. -0.01 min

Lab File: BF119704.D

Acq: 2 Apr 2020 8:28

Instrument :

BNA_F

ClientSampleId :

OR-03-033020

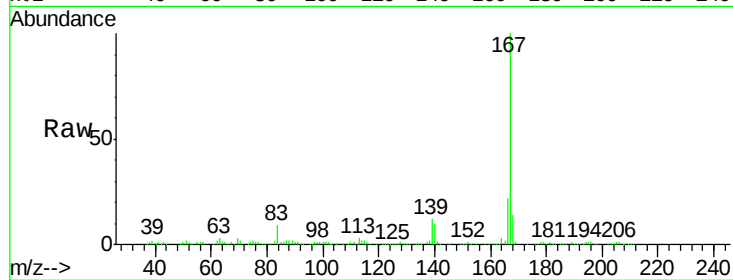
Tgt Ion:167 Resp: 211473

Ion Ratio Lower Upper

167 100

166 21.9 18.2 27.4

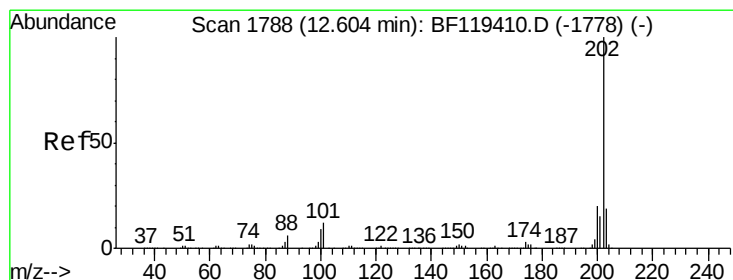
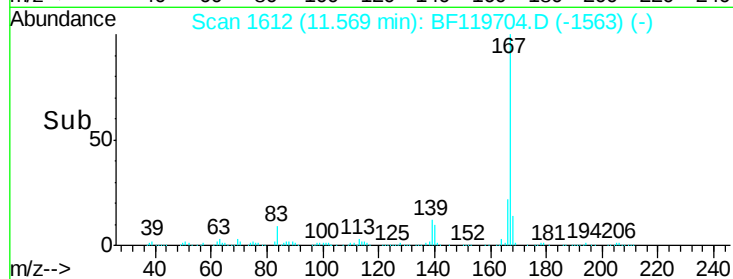
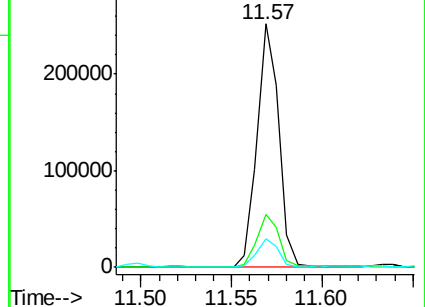
139 11.9 10.7 16.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#75

Fluoranthene

Concen: 69.20 ng

RT: 12.56 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF119704.D

Acq: 2 Apr 2020 8:28

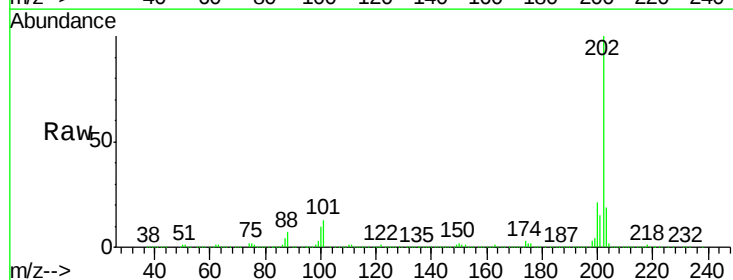
Tgt Ion:202 Resp: 2412504

Ion Ratio Lower Upper

202 100

101 12.9 0.0 32.2

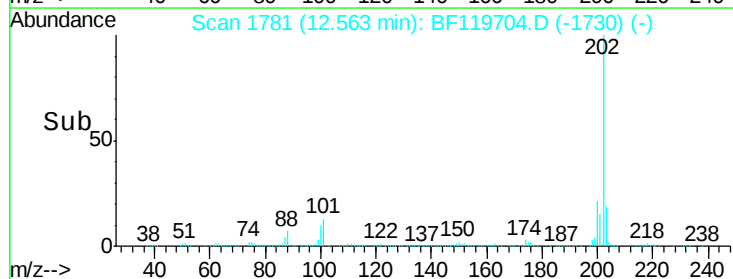
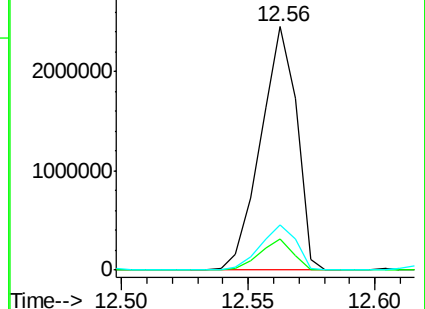
203 18.7 0.0 38.8

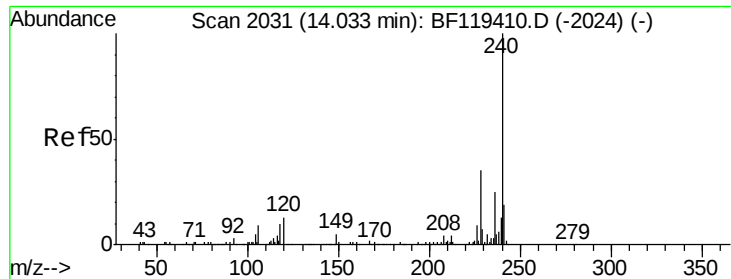


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF119704.D

Acq: 2 Apr 2020 8:28

Instrument :

BNA_F

ClientSampleId :

OR-03-033020

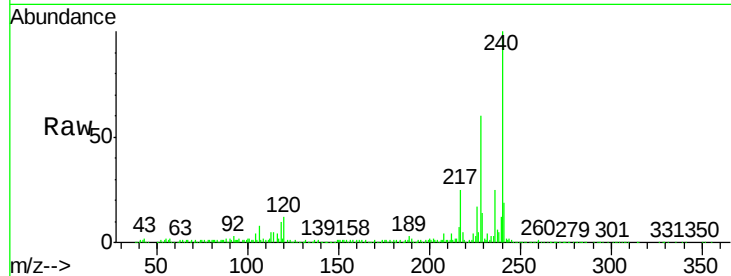
Tgt Ion:240 Resp: 398586

Ion Ratio Lower Upper

240 100

120 12.1 10.6 15.8

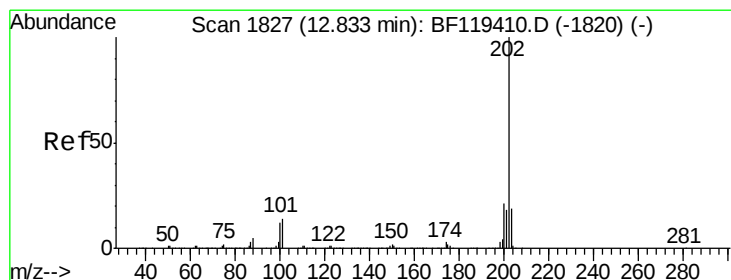
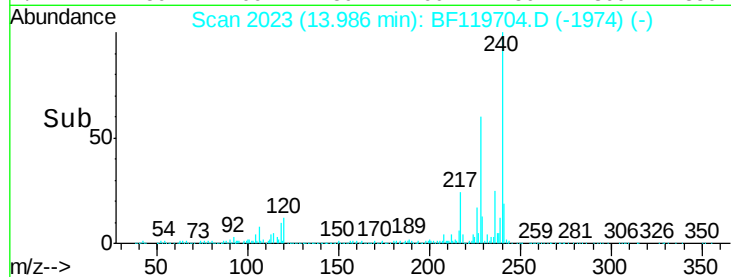
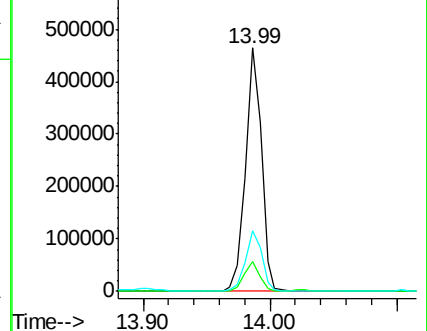
236 24.9 20.2 30.2



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

Pyrene

Concen: 60.76 ng

RT: 12.79 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BF119704.D

Acq: 2 Apr 2020 8:28

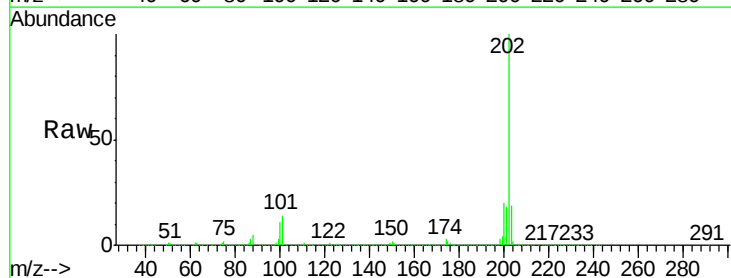
Tgt Ion:202 Resp: 1987548

Ion Ratio Lower Upper

202 100

200 20.4 16.8 25.2

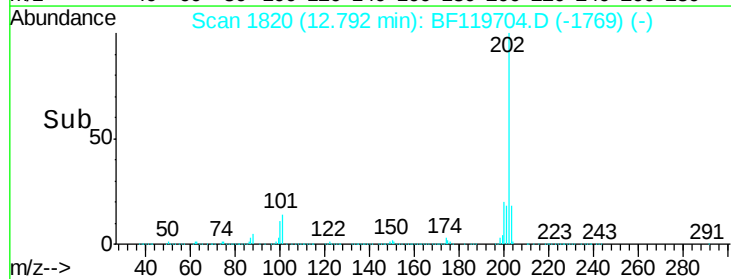
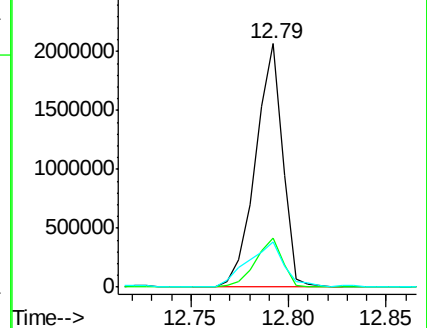
203 18.5 15.1 22.7

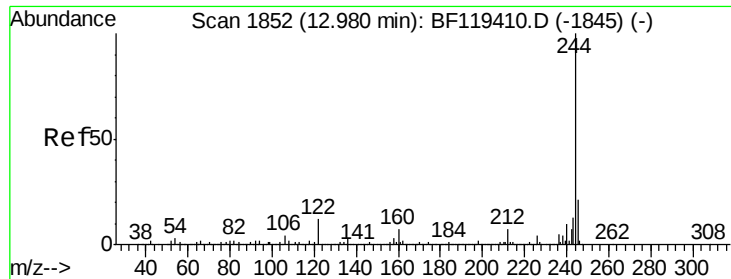


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

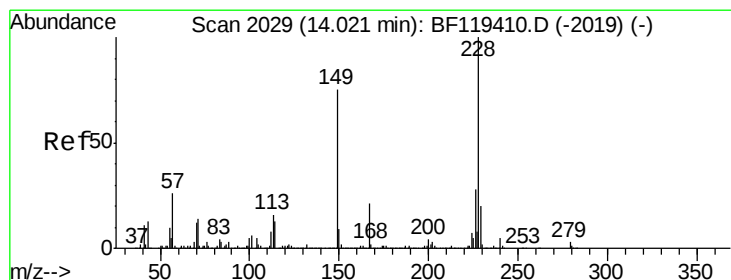
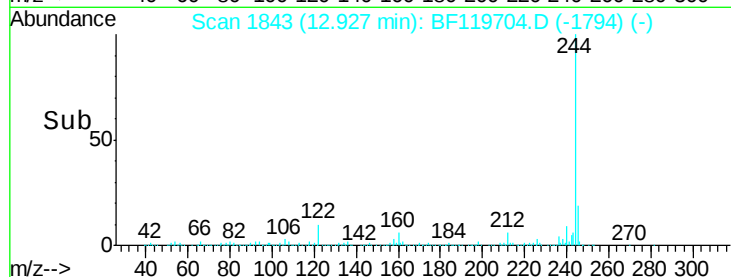
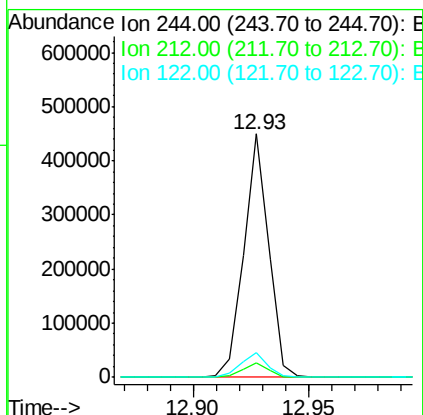
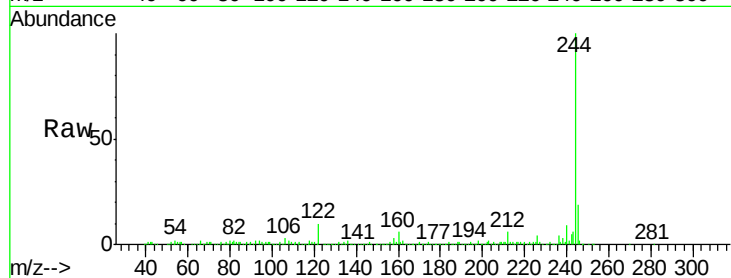




#79
 Terphenyl-d14
 Concen: 16.63 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BF119704.D
 Acq: 2 Apr 2020 8:28

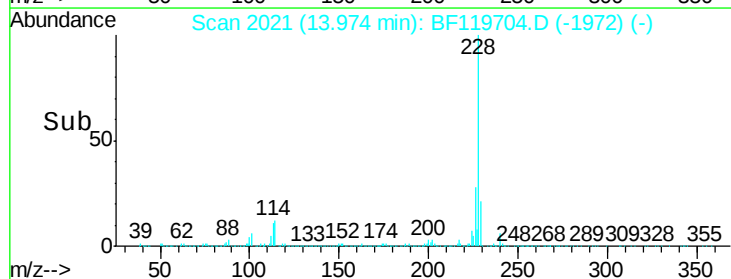
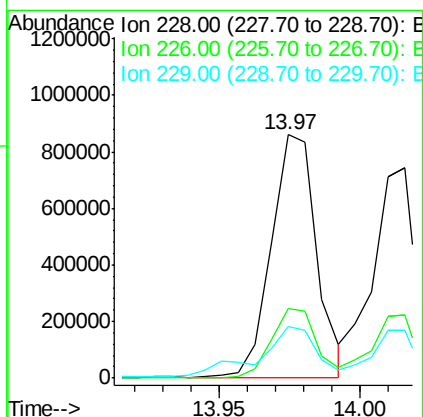
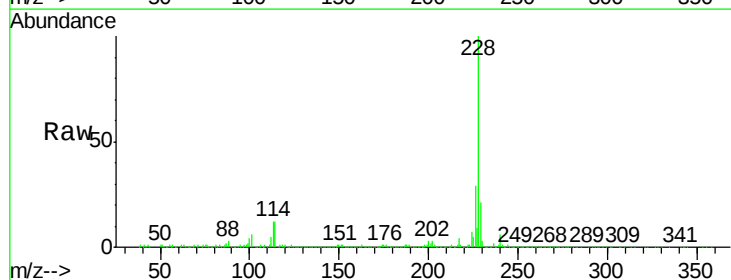
Instrument :
 BNA_F
 ClientSampleId :
 OR-03-033020

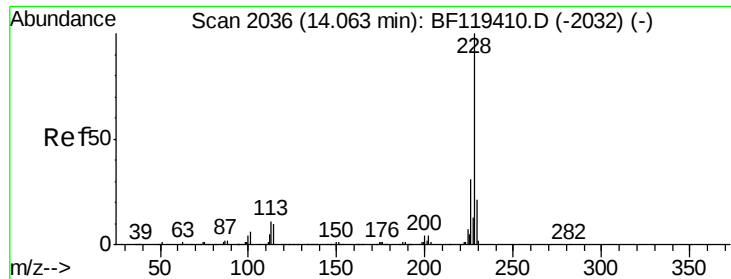
Tgt Ion:244 Resp: 338270
 Ion Ratio Lower Upper
 244 100
 212 5.9 5.8 8.8
 122 10.1 10.3 15.5#



#81
 Benzo(a)anthracene
 Concen: 36.70 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF119704.D
 Acq: 2 Apr 2020 8:28

Tgt Ion:228 Resp: 951266
 Ion Ratio Lower Upper
 228 100
 226 28.6 21.8 32.8
 229 21.4 16.2 24.4

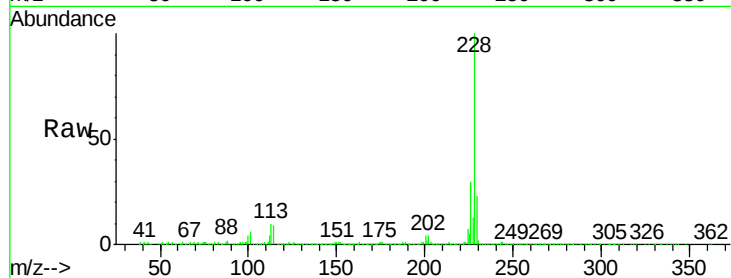




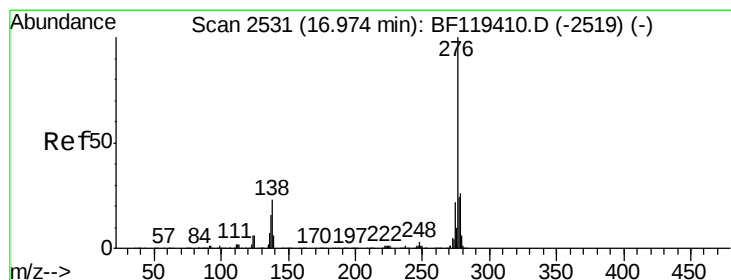
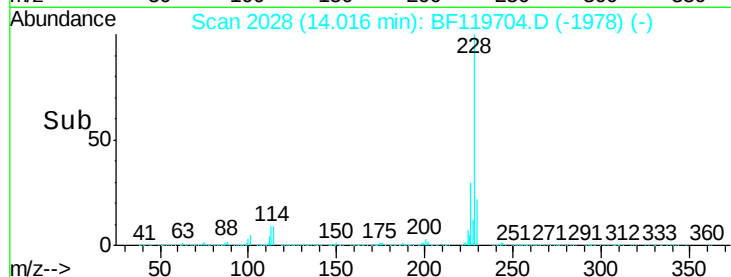
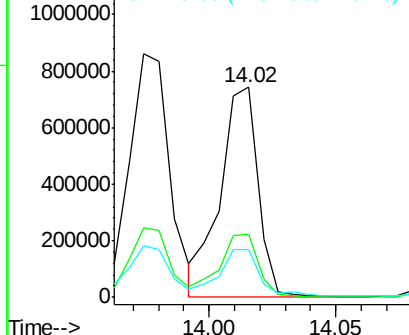
#83
Chrysene
Concen: 28.66 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF119704.D
Acq: 2 Apr 2020 8:28

Instrument :
BNA_F
ClientSampleId :
OR-03-033020

Tgt Ion:228 Resp: 766617
Ion Ratio Lower Upper
228 100
226 30.2 25.4 38.0
229 22.6 16.6 24.8

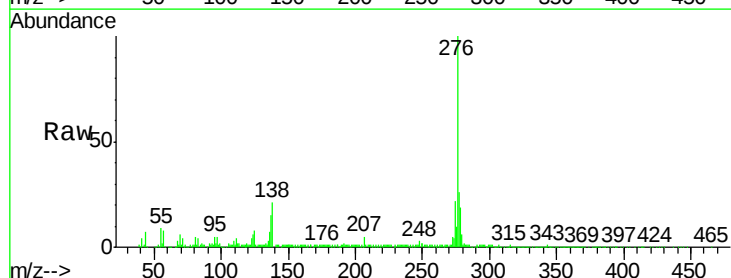


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

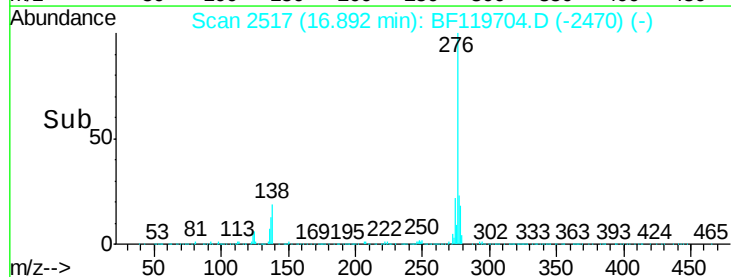
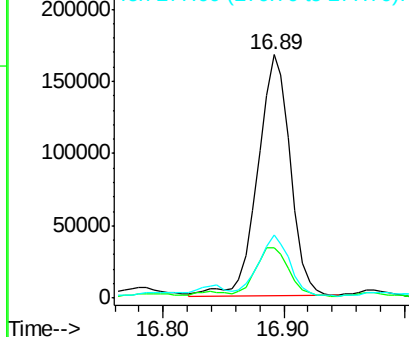


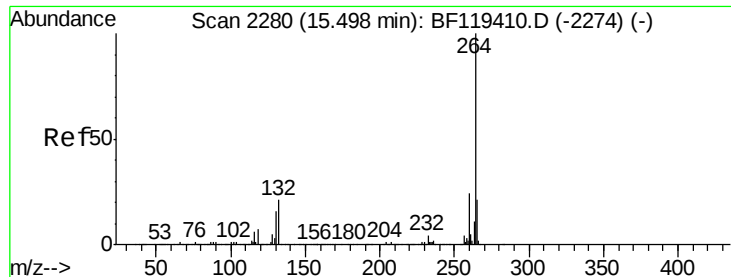
#86
Indeno(1,2,3-cd)pyrene
Concen: 12.44 ng
RT: 16.89 min Scan# 2517
Delta R.T. -0.02 min
Lab File: BF119704.D
Acq: 2 Apr 2020 8:28

Tgt Ion:276 Resp: 313310
Ion Ratio Lower Upper
276 100
138 20.8 19.6 29.4
277 24.5 20.0 30.0



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



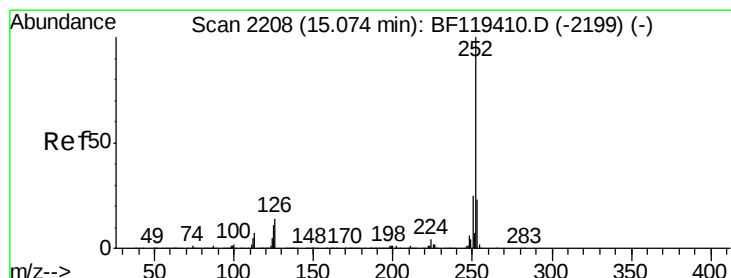
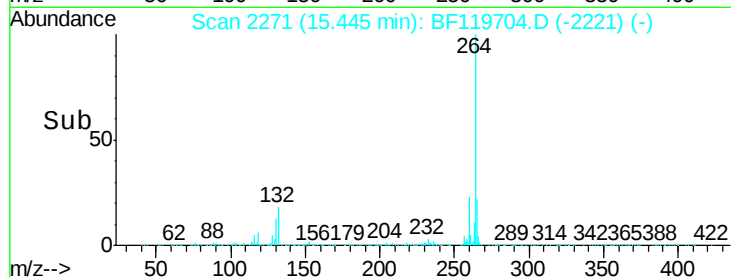
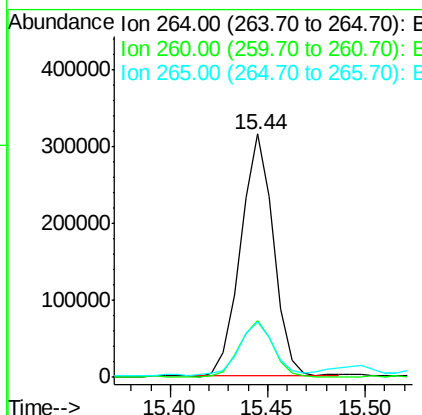
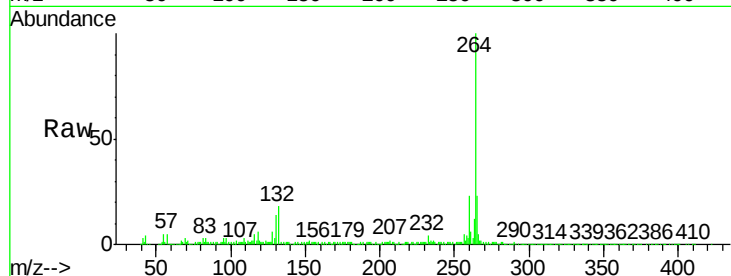


#87
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF119704.D
Acq: 2 Apr 2020 8:28

Instrument :
BNA_F
ClientSampleId :
OR-03-033020

Tgt Ion: 264 Resp: 366489

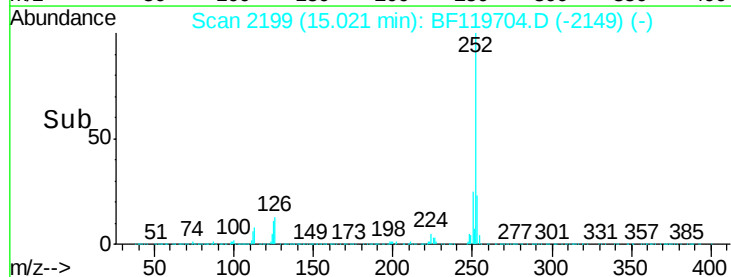
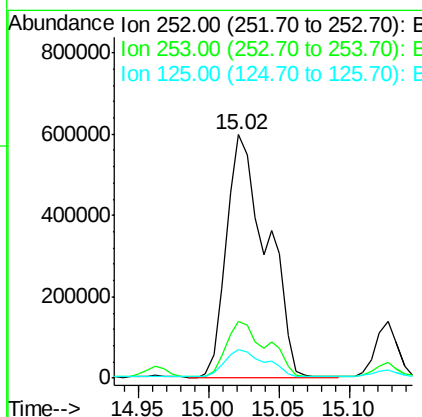
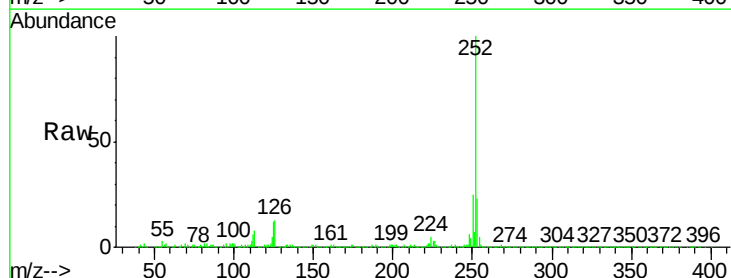
Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	22.9	17.7	26.5

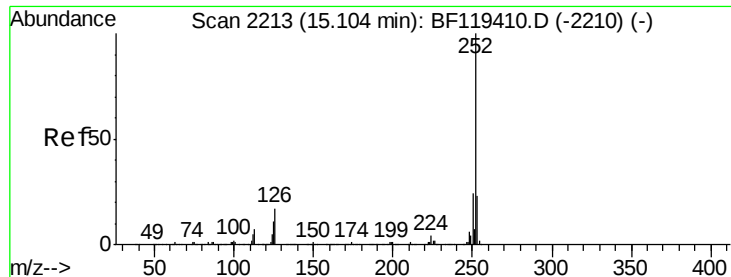


#88
Benzo(b)fluoranthene
Concen: 48.65 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF119704.D
Acq: 2 Apr 2020 8:28

Tgt Ion: 252 Resp: 1190935

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.0
125	11.5	7.9	11.9

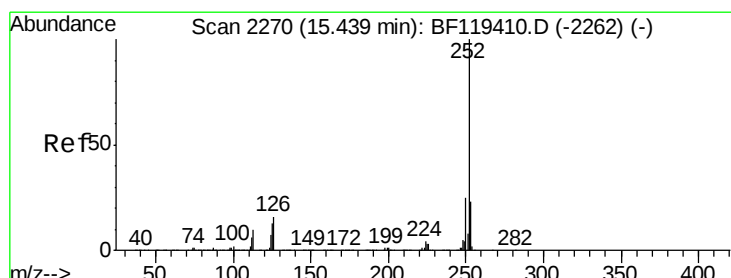
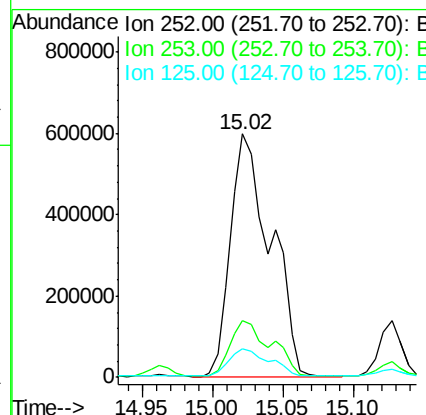
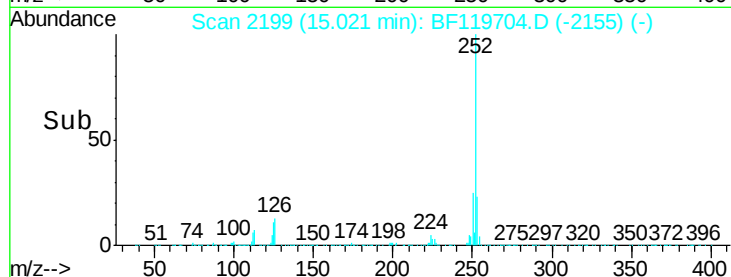
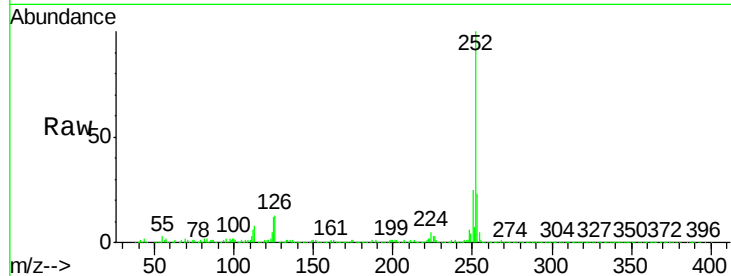




#89
Benzo(k)fluoranthene
Concen: 51.09 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.04 min
Lab File: BF119704.D
Acq: 2 Apr 2020 8:28

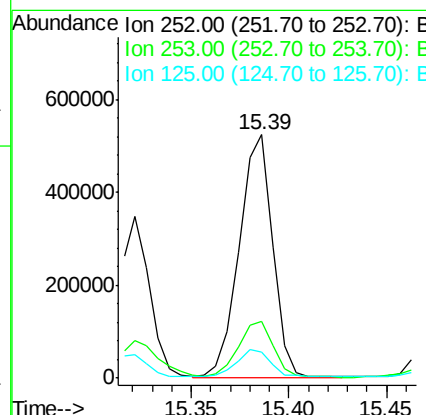
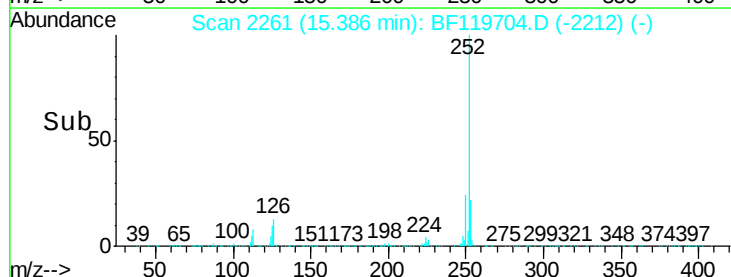
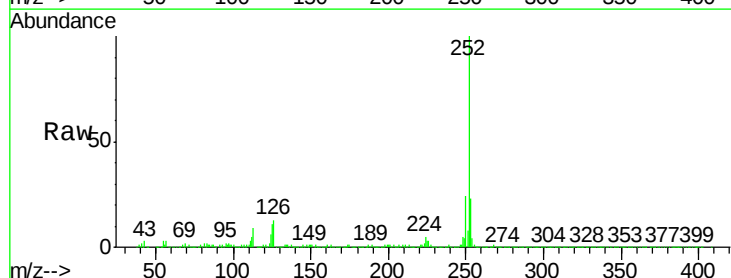
Instrument :
BNA_F
ClientSampleId :
OR-03-033020

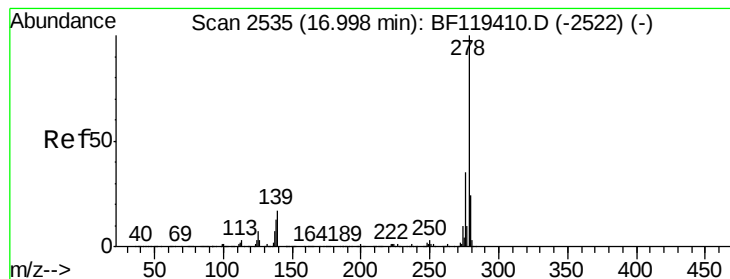
Tgt Ion:252 Resp: 1190935
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.6
125 11.5 8.4 12.6



#90
Benzo(a)pyrene
Concen: 27.86 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF119704.D
Acq: 2 Apr 2020 8:28

Tgt Ion:252 Resp: 619897
Ion Ratio Lower Upper
252 100
253 23.1 18.2 27.2
125 10.9 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 3.98 ng

RT: 16.90 min Scan# 2519

Delta R.T. -0.03 min

Lab File: BF119704.D

Acq: 2 Apr 2020 8:28

Instrument :

BNA_F

ClientSampleId :

OR-03-033020

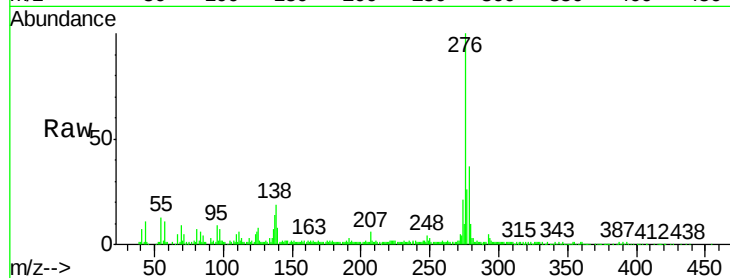
Tgt Ion:278 Resp: 77519

Ion Ratio Lower Upper

278 100

139 20.6 12.6 19.0#

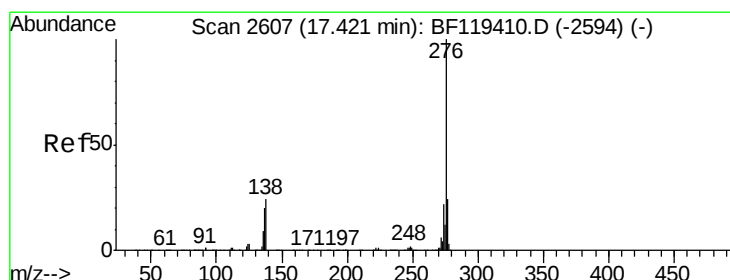
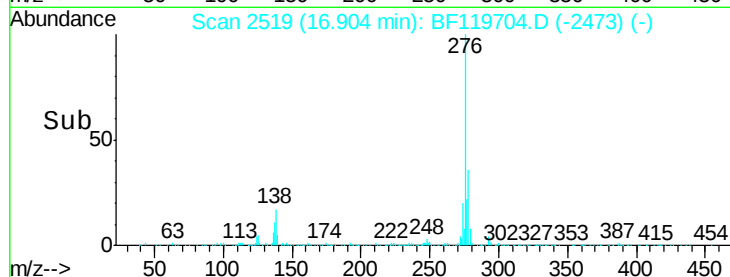
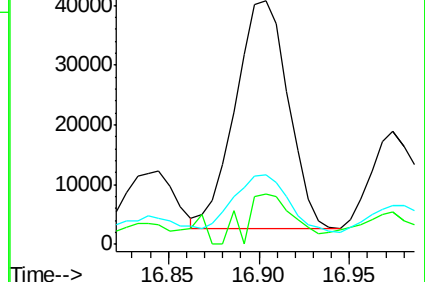
279 28.4 19.0 28.6



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: 14.08 ng

RT: 17.33 min Scan# 2592

Delta R.T. -0.02 min

Lab File: BF119704.D

Acq: 2 Apr 2020 8:28

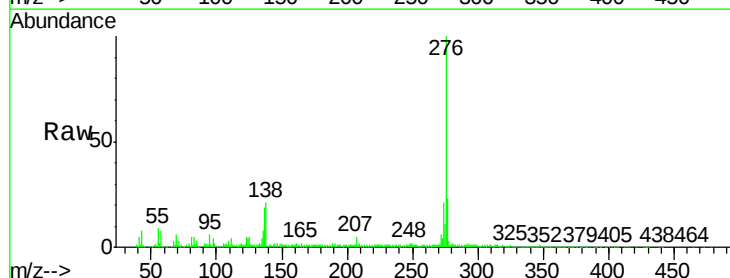
Tgt Ion:276 Resp: 275169

Ion Ratio Lower Upper

276 100

277 23.3 18.4 27.6

138 20.6 15.4 23.0



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

