

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
 Data File : BF120056.D
 Acq On : 17 Apr 2020 13:53
 Operator : MA/SJ
 Sample : L2271-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BG-7

Quant Time: Apr 17 14:32:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 10:51:37 2020
 Response via : Initial Calibration

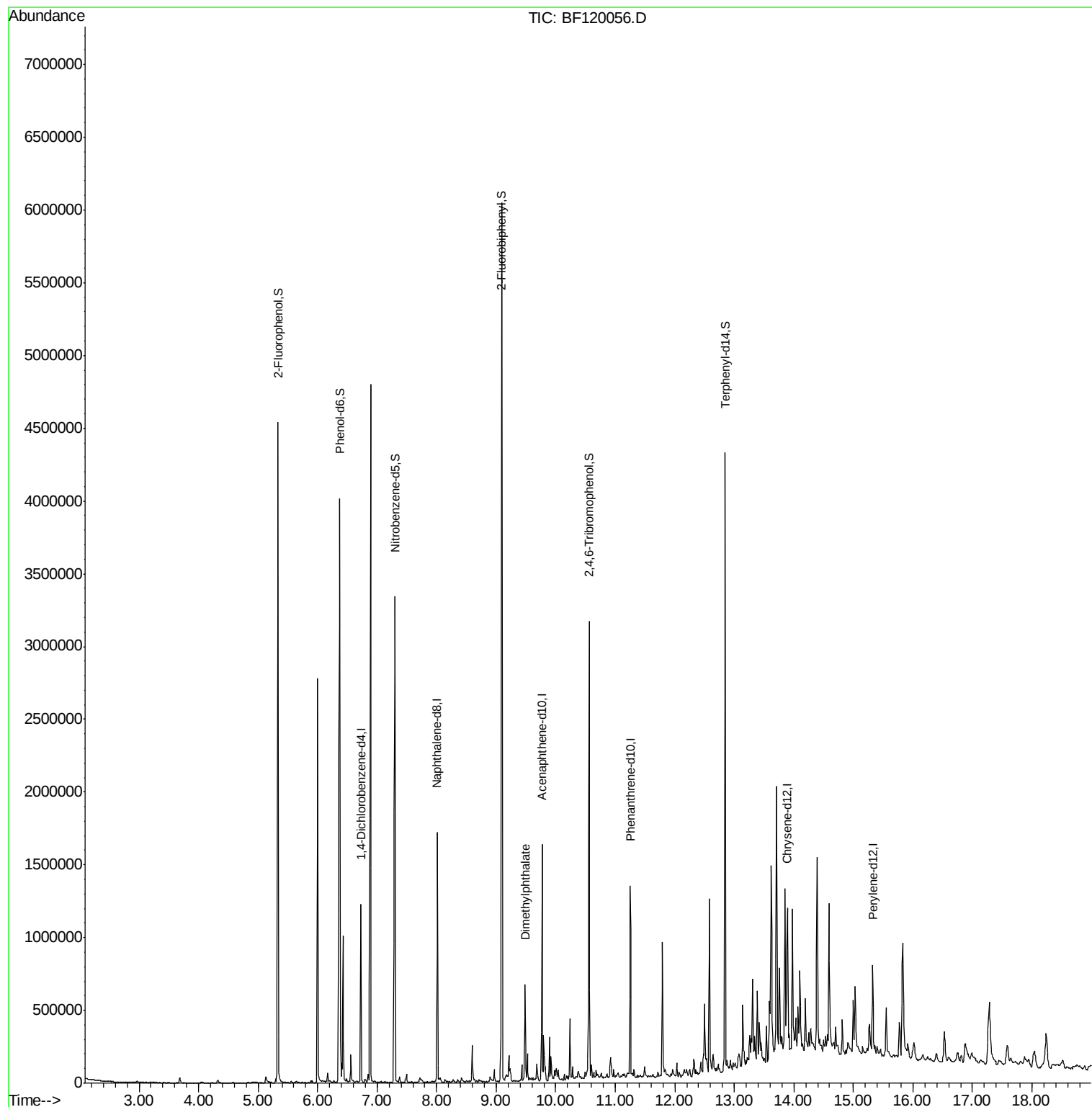
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	185255	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	665791	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	308993	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	459266	20.00	ng	0.00
76) Chrysene-d12	13.90	240	269507	20.00	ng	0.00
87) Perylene-d12	15.33	264	285429	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1377637	128.52	ng	0.00
7) Phenol-d6	6.37	99	1804215	130.62	ng	0.00
23) Nitrobenzene-d5	7.30	82	1144078	88.90	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	380123	100.48	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2072982	95.25	ng	0.00
79) Terphenyl-d14	12.85	244	1514332	94.55	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	228325	9.553	ng	Qvalue 99

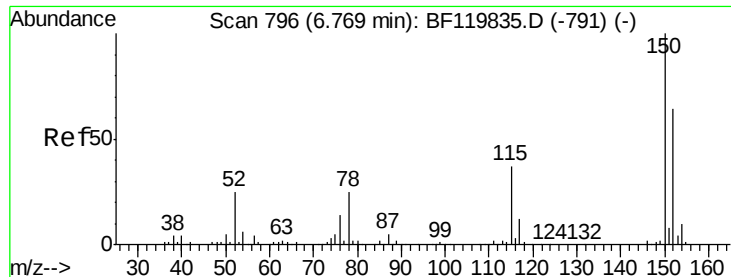
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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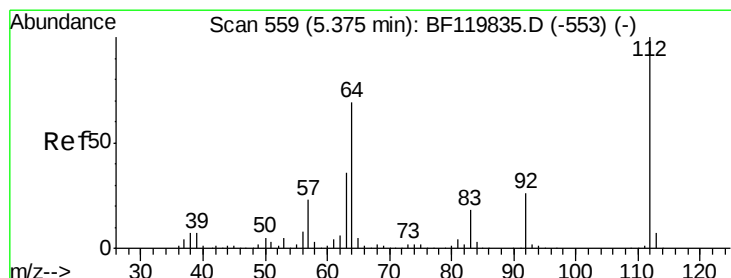
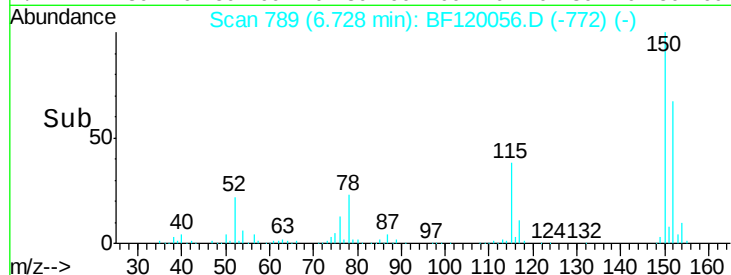
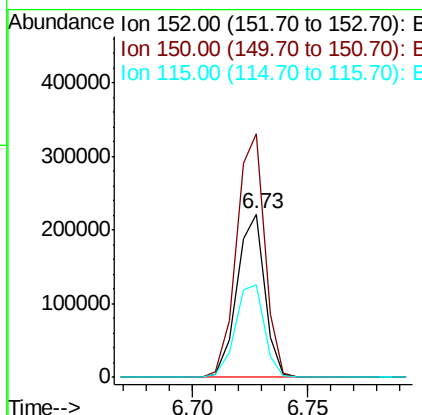
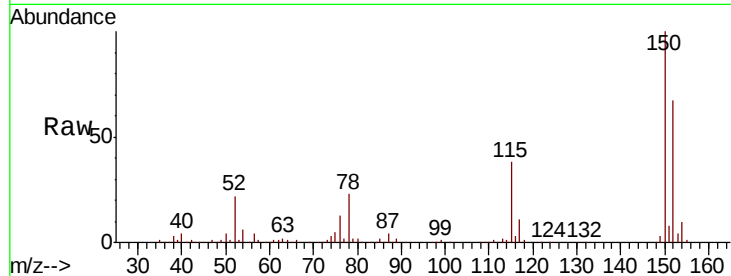


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF120056.D
 Acq: 17 Apr 2020 13:53

Instrument :
 BNA_F
 ClientSampled :
 BG-7

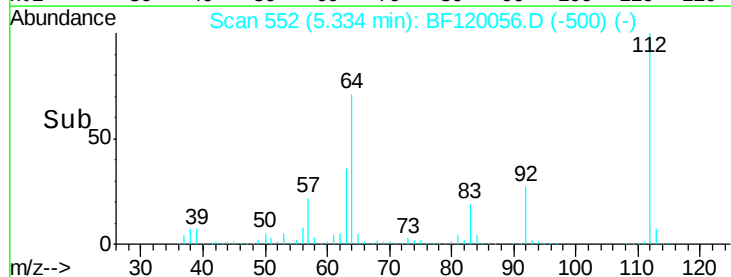
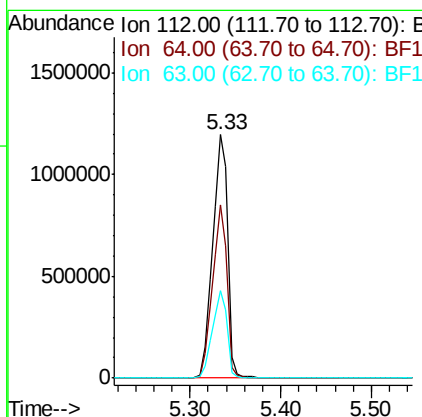
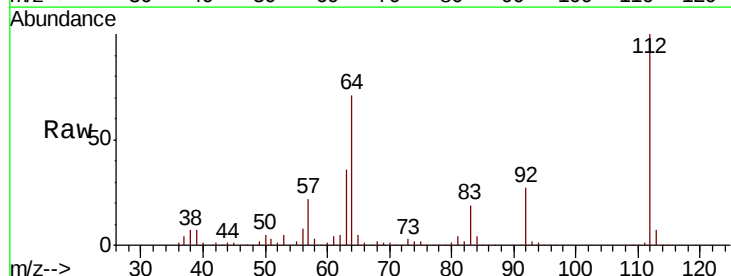
Tot Ion	Ratio	Lower	Upper
152	100		
150	149.0	124.8	187.2
115	56.9	46.5	69.7



#5

2-Fluorophenol
 Concen: 128.515 ng
 RT: 5.33 min Scan# 552
 Delta R.T. 0.01 min
 Lab File: BF120056.D
 Acq: 17 Apr 2020 13:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.9	55.5	83.3
63	36.2	29.1	43.7





#7

Phenol-d6

Concen: 130.619 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF120056.D

Acq: 17 Apr 2020 13:53

Instrument :

BNA_F

ClientSampleId :

BG-7

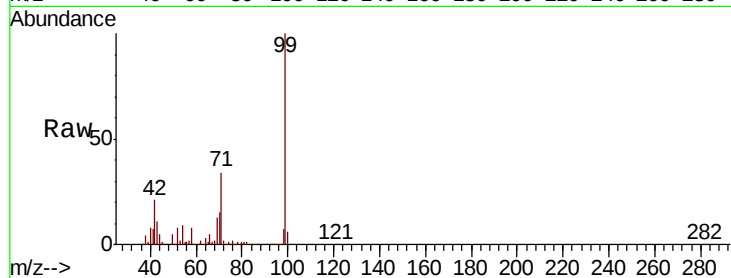
Tot Ion: 99 Resp: 1804215

Ion Ratio Lower Upper

99 100

42 20.8 16.9 25.3

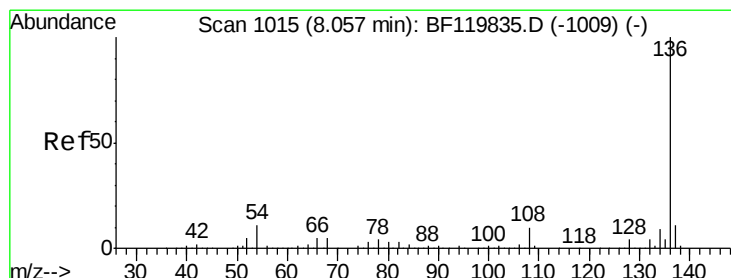
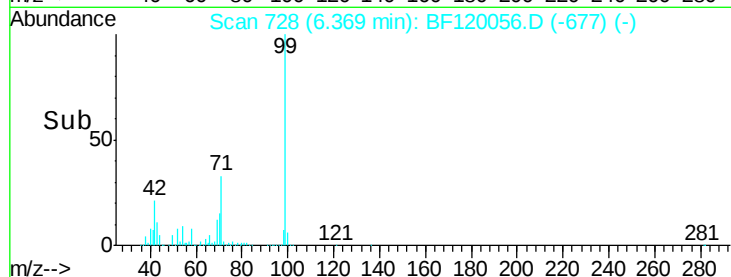
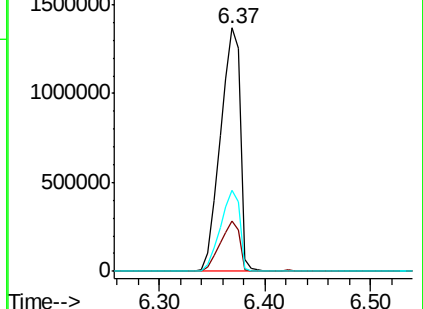
71 33.5 26.3 39.5



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF120056.D

Acq: 17 Apr 2020 13:53

Tgt Ion: 136 Resp: 665791

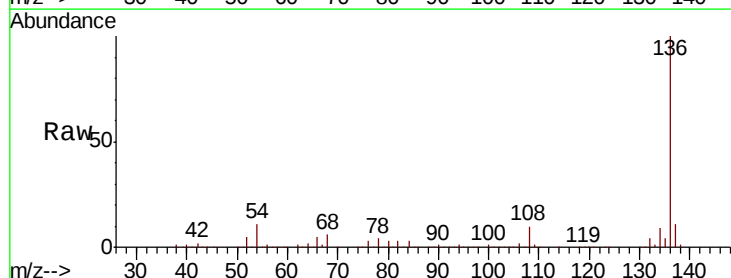
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 10.5 8.5 12.7

68 6.0 3.9 5.9#

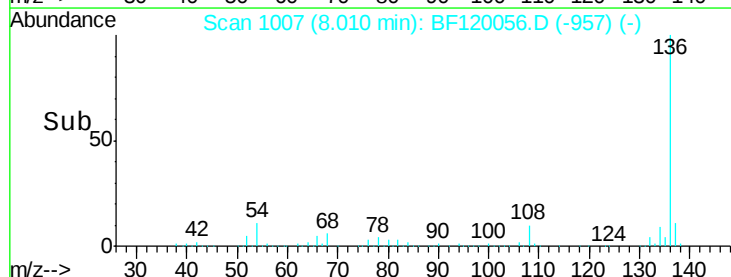
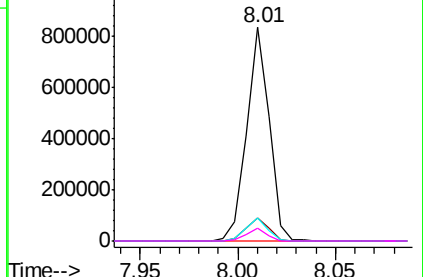


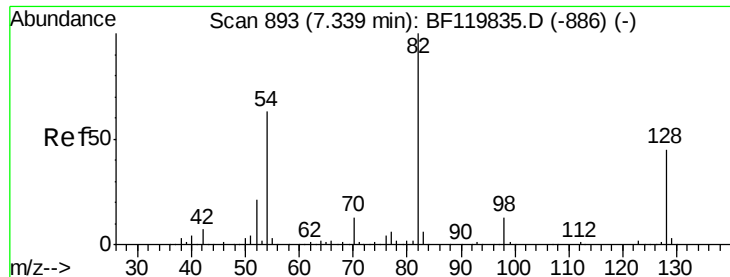
Abundance Ion 136.00 (135.70 to 136.70): E

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

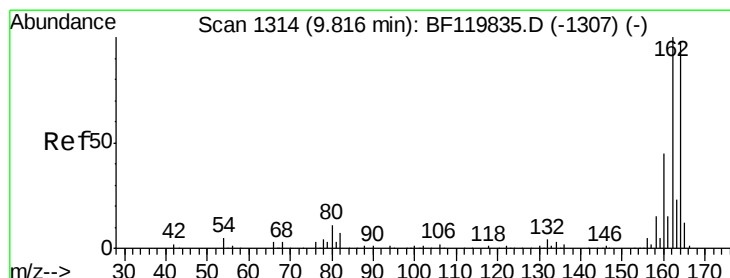
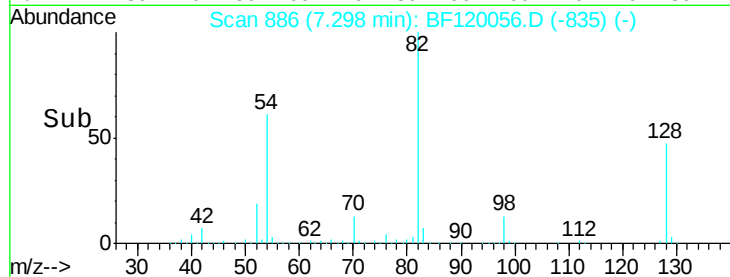
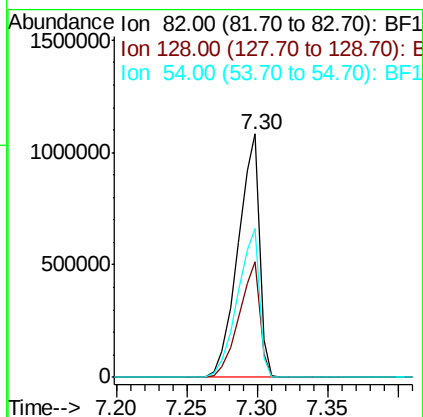
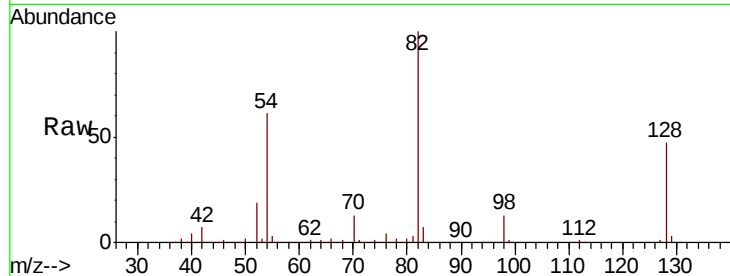




#23
Nitrobenzene-d5
Concen: 88.898 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF120056.D
Acq: 17 Apr 2020 13:53

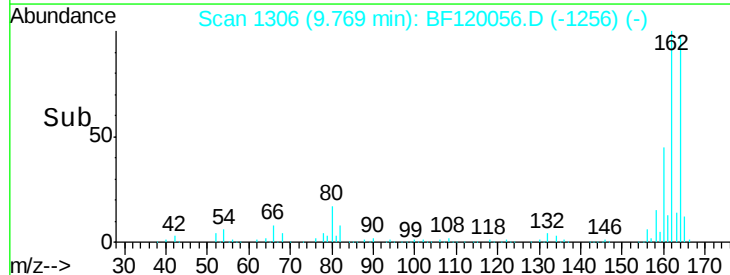
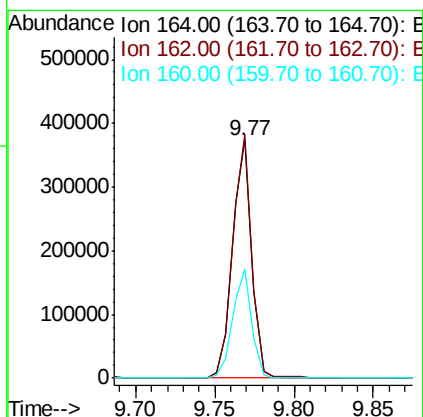
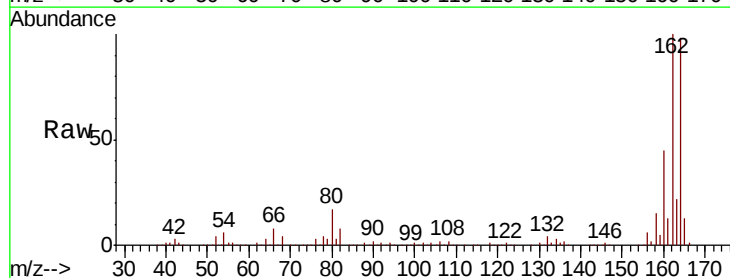
Instrument :
BNA_F
ClientSampleId :
BG-7

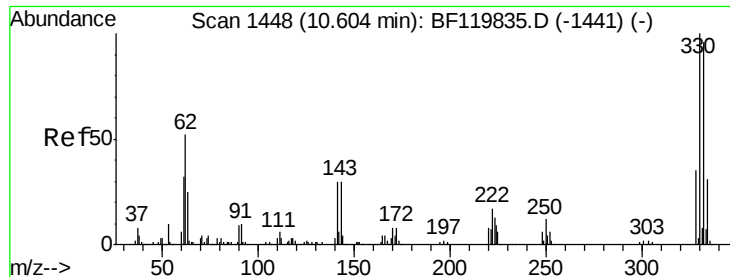
Tot Ion: 82 Resp: 1144078
Ion Ratio Lower Upper
82 100
128 47.3 36.2 54.4
54 61.3 50.4 75.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF120056.D
Acq: 17 Apr 2020 13:53

Tgt Ion: 164 Resp: 308993
Ion Ratio Lower Upper
164 100
162 102.2 81.9 122.9
160 45.8 36.6 54.8

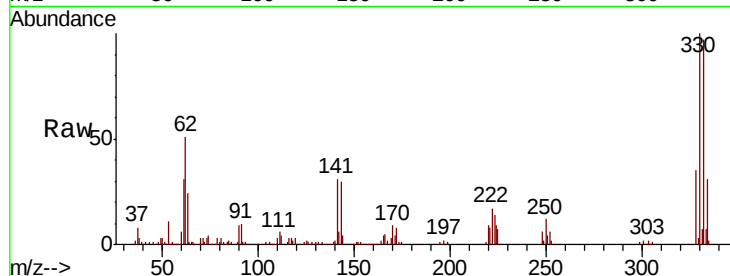




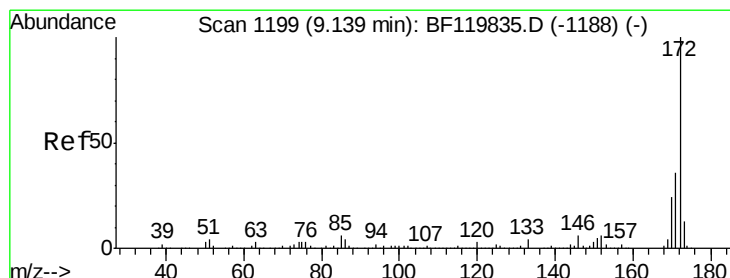
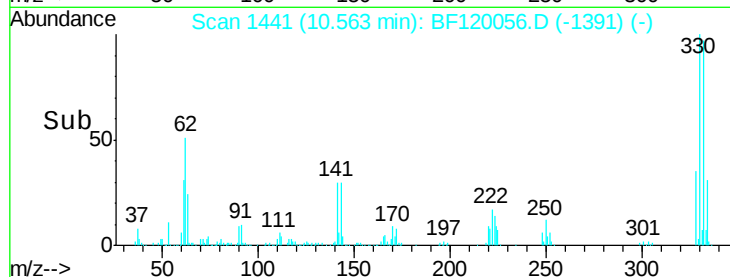
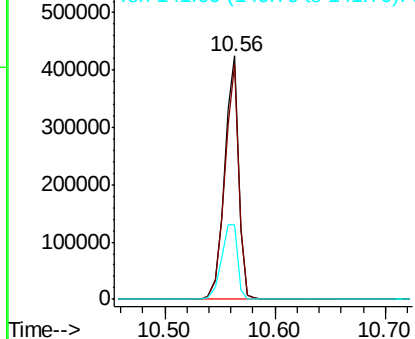
#42
 2,4,6-Tribromophenol
 Concen: 100.479 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF120056.D
 Acq: 17 Apr 2020 13:53

Instrument :
 BNA_F
 ClientSampled :
 BG-7

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.8	115.2
141	35.4	25.1	37.7

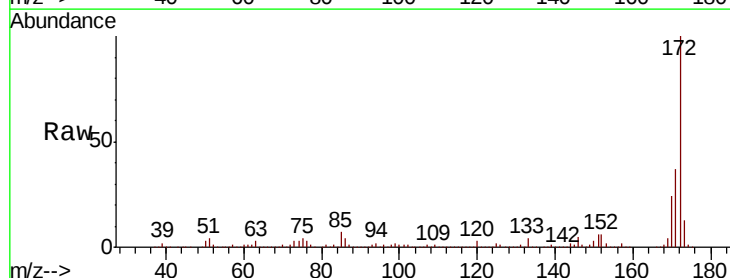


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

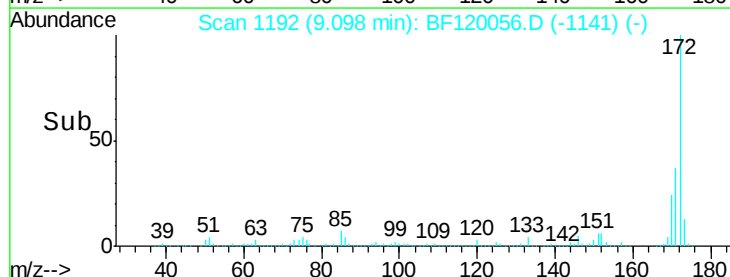
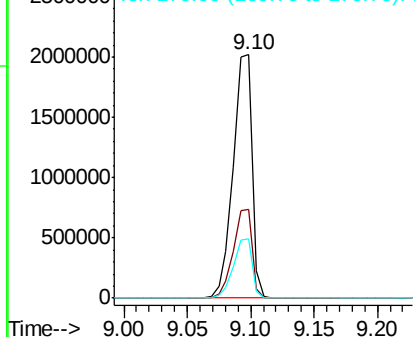


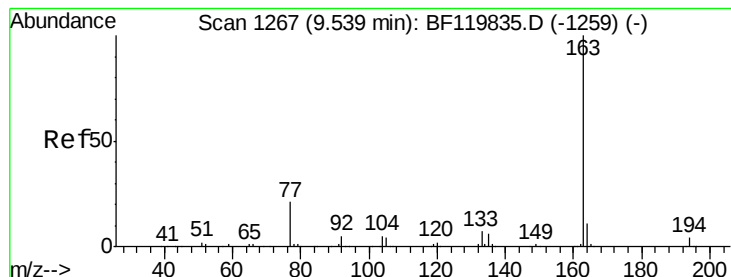
#45
 2-Fluorobiphenyl
 Concen: 95.251 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF120056.D
 Acq: 17 Apr 2020 13:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.9	43.3
170	24.1	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





#50

Dimethylphthalate

Concen: 9.553 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.02 min

Lab File: BF120056.D

Acq: 17 Apr 2020 13:53

Instrument :

BNA_F

ClientSampleId :

BG-7

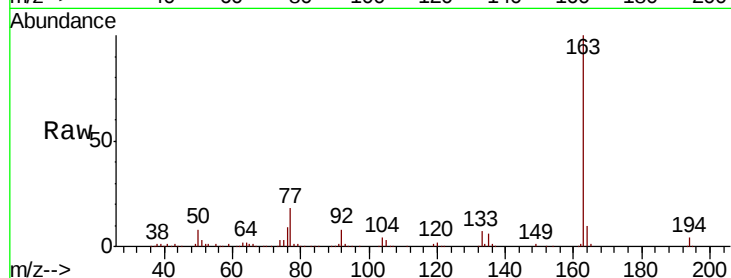
Tot Ion:163 Resp: 228325

Ion Ratio Lower Upper

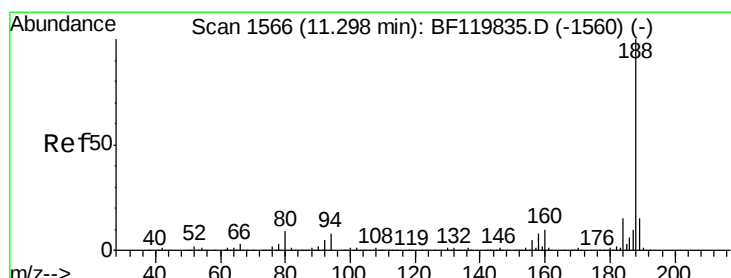
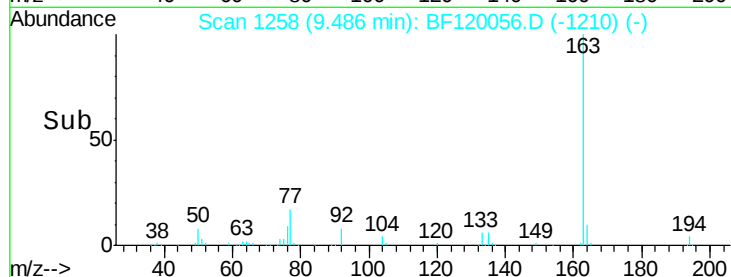
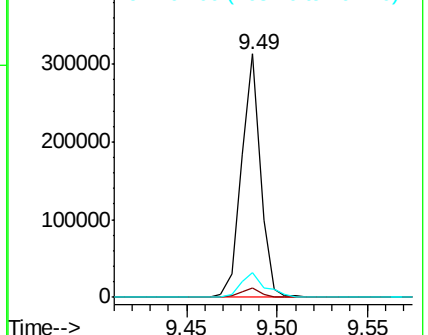
163 100

194 3.7 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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF120056.D

Acq: 17 Apr 2020 13:53

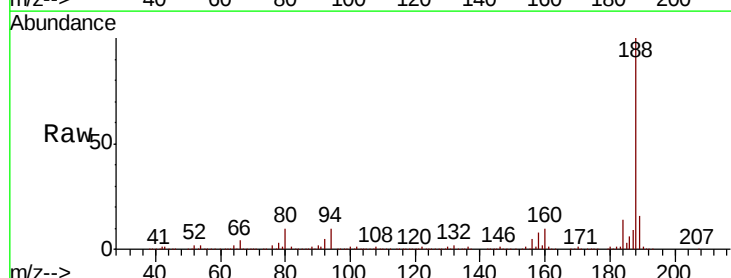
Tgt Ion:188 Resp: 459266

Ion Ratio Lower Upper

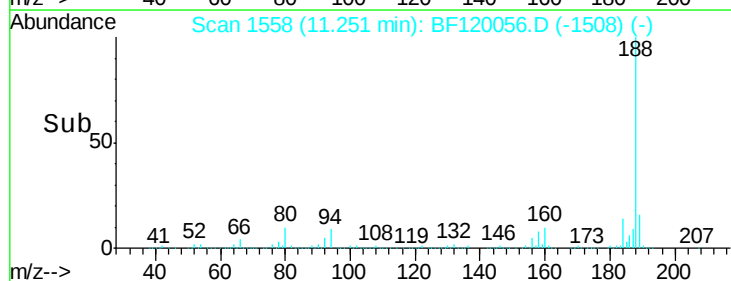
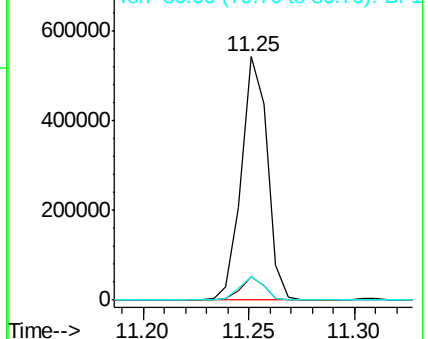
188 100

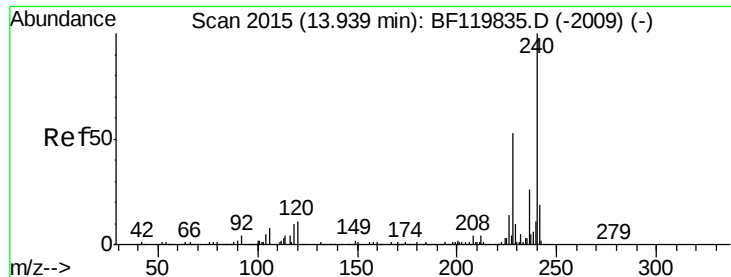
94 9.6 6.7 10.1

80 9.8 7.4 11.2



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF120056.D

Acq: 17 Apr 2020 13:53

Instrument :

BNA_F

ClientSampleId :

BG-7

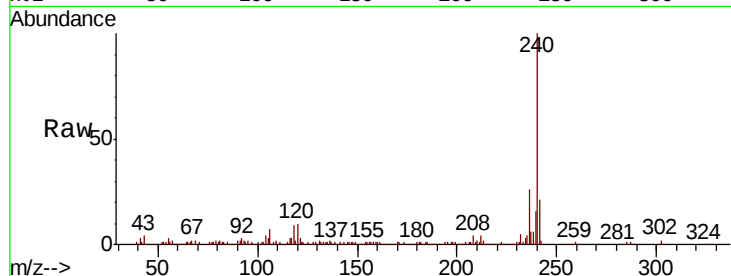
Tot Ion:240 Resp: 269507

Ion Ratio Lower Upper

240 100

120 9.8 9.0 13.6

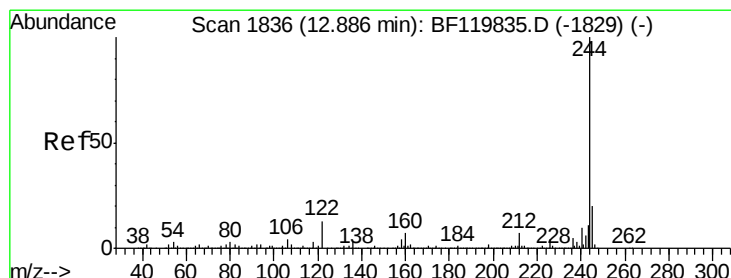
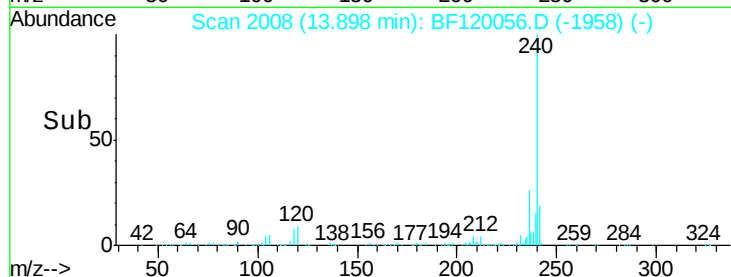
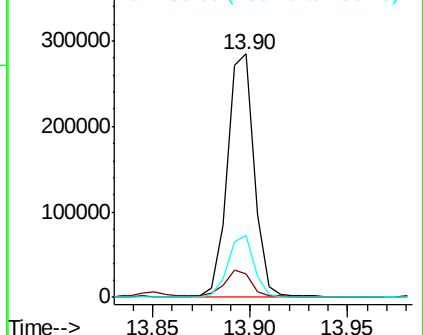
236 25.6 20.7 31.1



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



#79

Terphenyl-d14

Concen: 94.547 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF120056.D

Acq: 17 Apr 2020 13:53

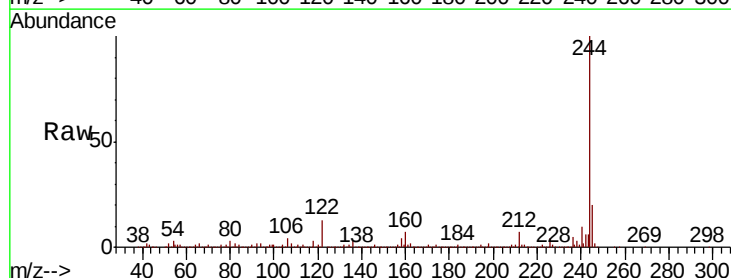
Tgt Ion:244 Resp: 1514332

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

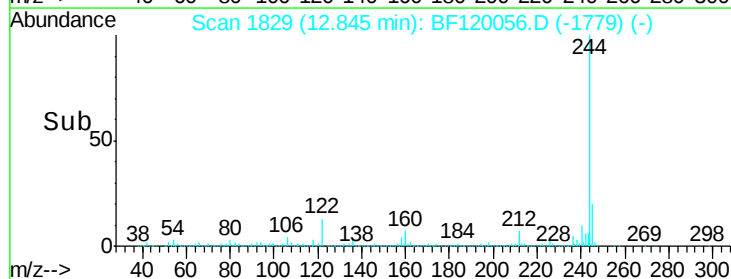
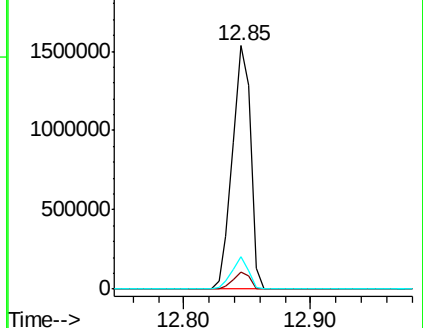
122 13.2 10.3 15.5

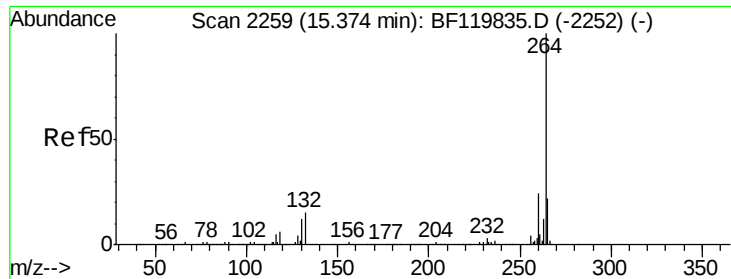


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

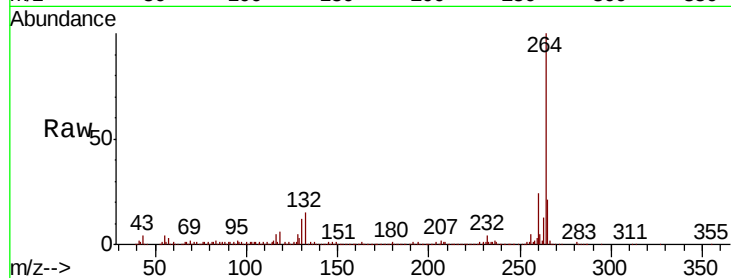




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2251
 Delta R.T. 0.00 min
 Lab File: BF120056.D
 Acq: 17 Apr 2020 13:53

Instrument :
 BNA_F
 ClientSampleId :
 BG-7

Tot Ion: 264 Resp: 285429
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.3 28.9
 265 21.3 17.6 26.4



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

