

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
 Data File : BF111418.D
 Acq On : 14 Dec 2018 15:00
 Operator : JU/SJ
 Sample : J6319-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 057_BT-2-1

Quant Time: Dec 14 15:57:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

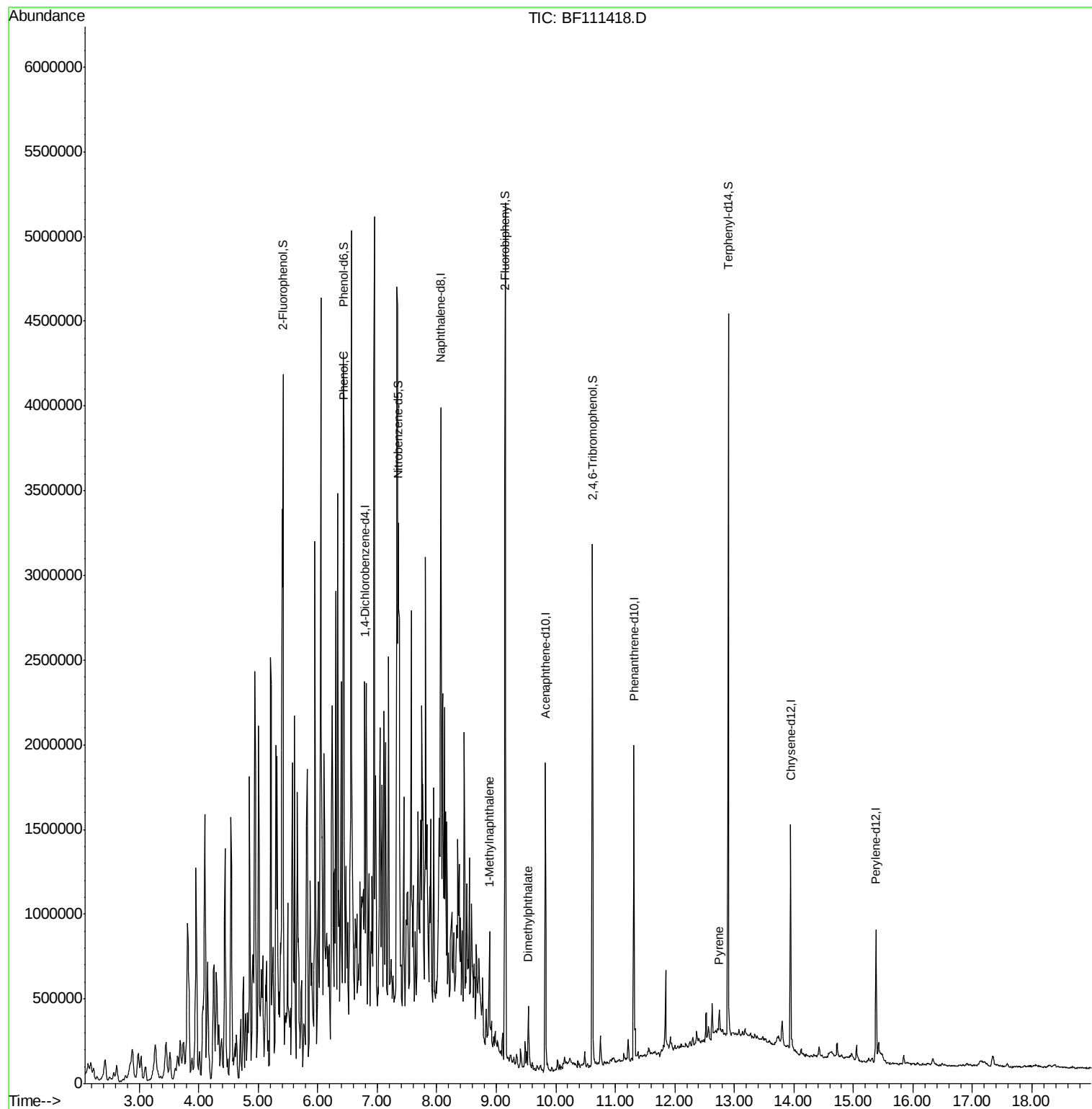
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	157673	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	645037	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	339595	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	612066	20.00	ng	0.00
76) Chrysene-d12	13.94	240	420723	20.00	ng	0.00
87) Perylene-d12	15.38	264	346027	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1079371	113.92	ng	0.00
7) Phenol-d6	6.43	99	1411164	111.96	ng	0.00
23) Nitrobenzene-d5	7.35	82	870676	80.38	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	324204	106.57	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1457097	66.28	ng	0.00
79) Terphenyl-d14	12.90	244	1392096	77.70	ng	0.00
Target Compounds						
10) Phenol	6.45	94	95398	6.795	ng	97
38) 1-Methylnaphthalene	8.89	142	166280	8.431	ng	99
50) Dimethylphthalate	9.54	163	116277	4.754	ng	97
78) Pyrene	12.75	202	62780	2.116	ng	94

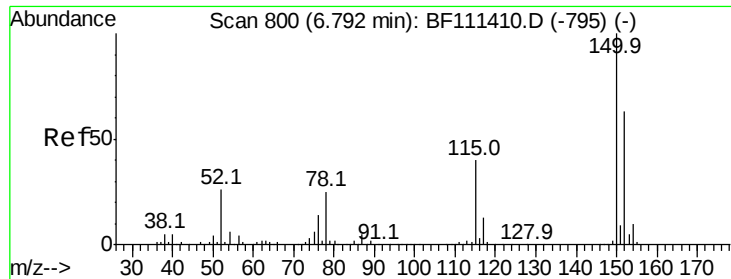
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF111418.D

Acq: 14 Dec 2018 15:00

Instrument :

BNA_F

ClientSampled :

057_BT-2-1

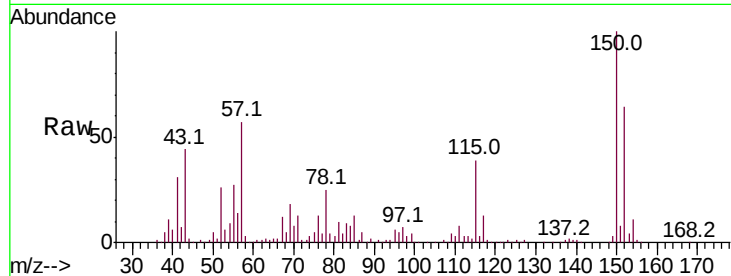
Tot Ion:152 Resp: 157673

Ion Ratio Lower Upper

152 100

150 156.7 126.6 189.8

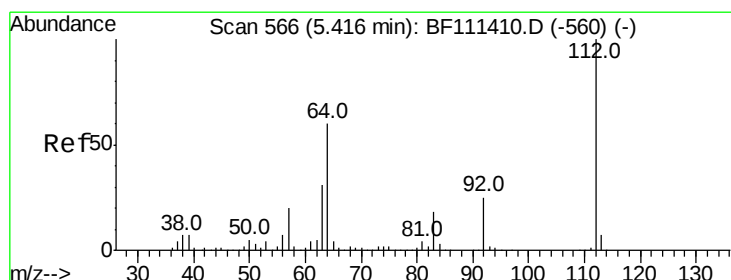
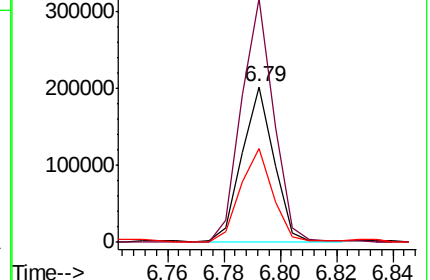
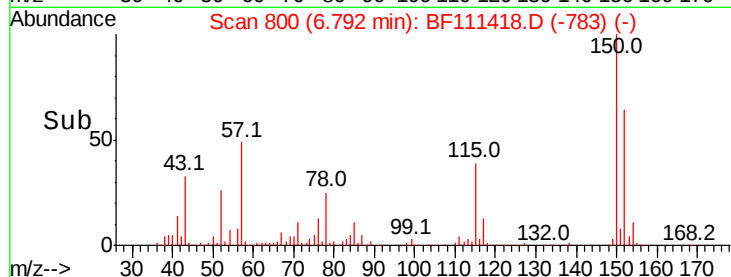
115 60.4 50.7 76.1



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: 113.915 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF111418.D

Acq: 14 Dec 2018 15:00

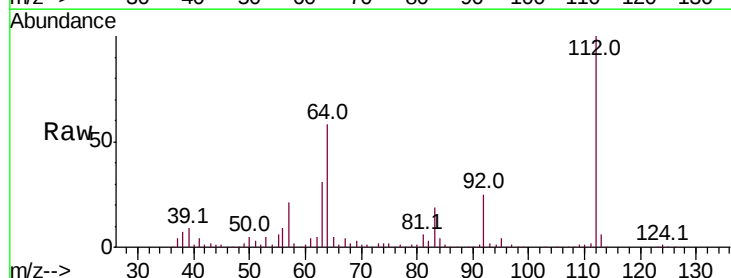
Tgt Ion:112 Resp: 1079371

Ion Ratio Lower Upper

112 100

64 58.2 51.8 77.6

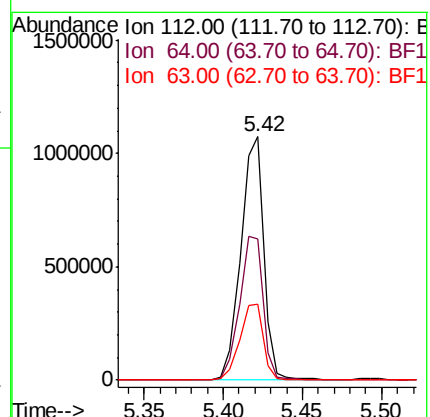
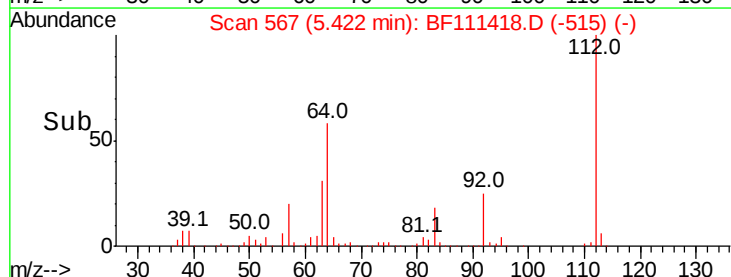
63 31.3 26.8 40.2

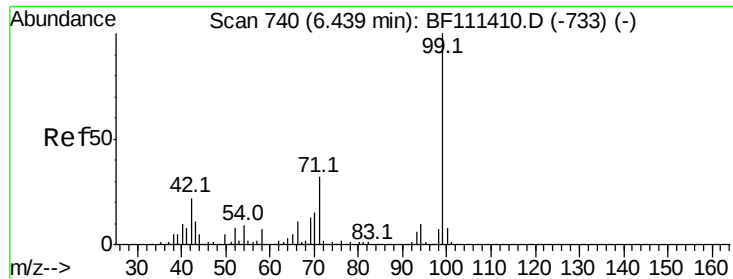


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 111.964 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111418.D

Acq: 14 Dec 2018 15:00

Instrument :

BNA_F

ClientSampleId :

057_BT-2-1

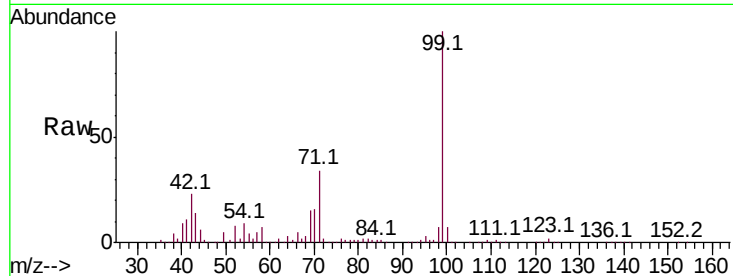
Tot Ion: 99 Resp: 1411164

Ion Ratio Lower Upper

99 100

42 23.0 17.4 26.0

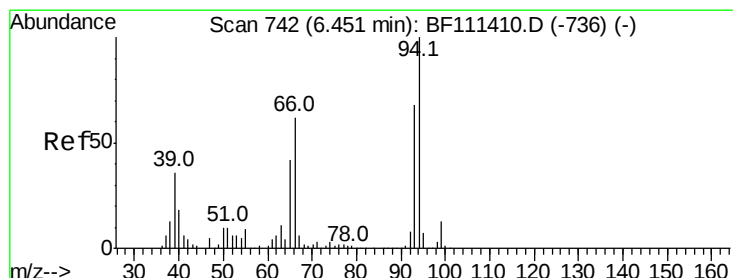
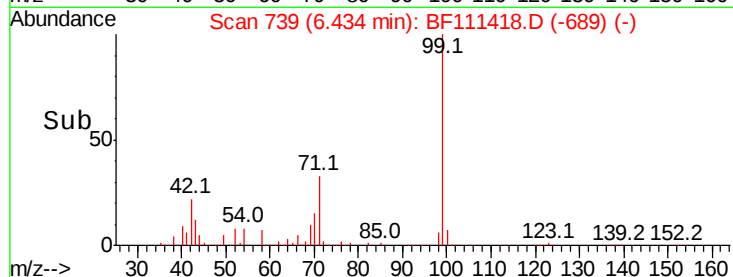
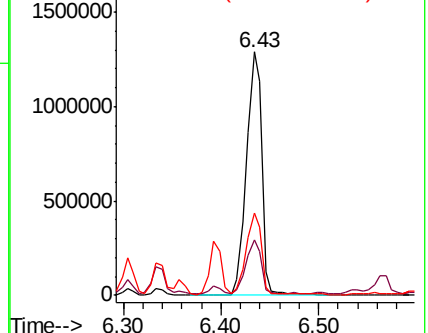
71 33.9 26.1 39.1



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: 6.795 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF111418.D

Acq: 14 Dec 2018 15:00

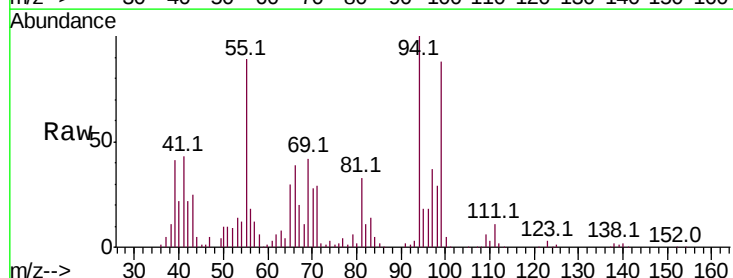
Tgt Ion: 94 Resp: 95398

Ion Ratio Lower Upper

94 100

65 30.2 11.7 51.7

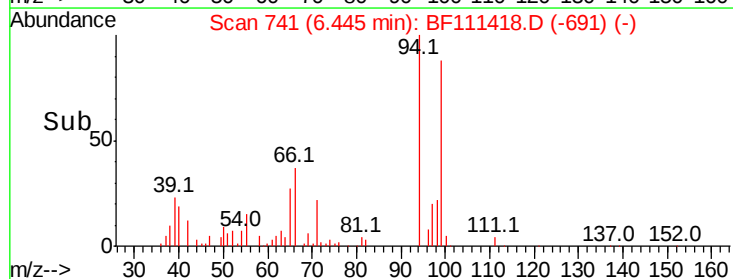
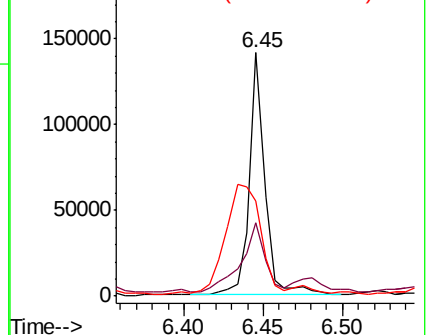
66 38.9 21.0 61.0

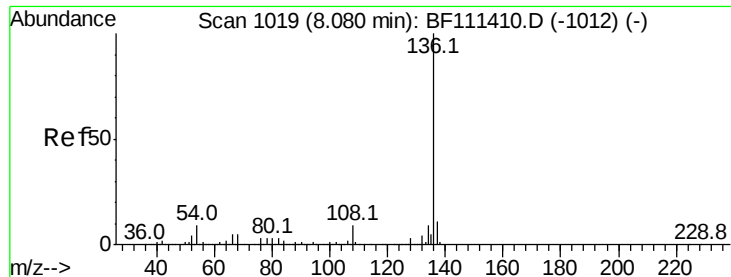


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF111418.D

Acq: 14 Dec 2018 15:00

Instrument :

BNA_F

ClientSampleId :

057_BT-2-1

Tot Ion:136 Resp: 645037

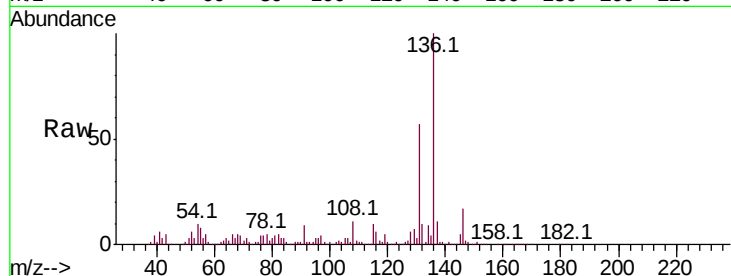
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 10.0 7.7 11.5

68 5.4 4.9 7.3

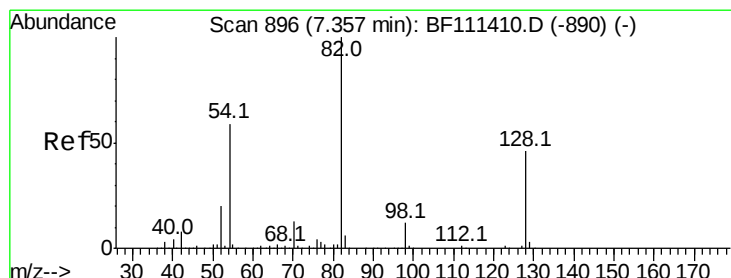
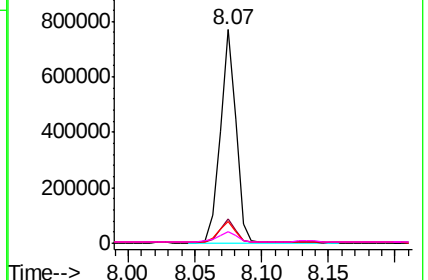
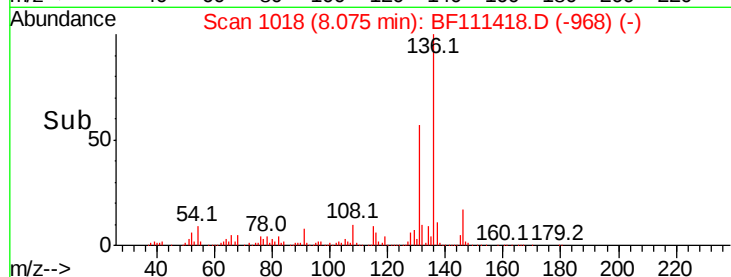


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.379 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF111418.D

Acq: 14 Dec 2018 15:00

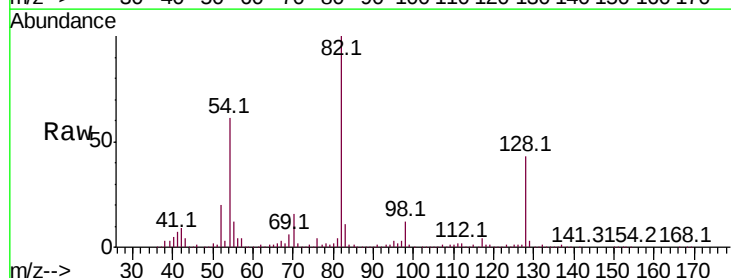
Tgt Ion: 82 Resp: 870676

Ion Ratio Lower Upper

82 100

128 43.2 37.4 56.2

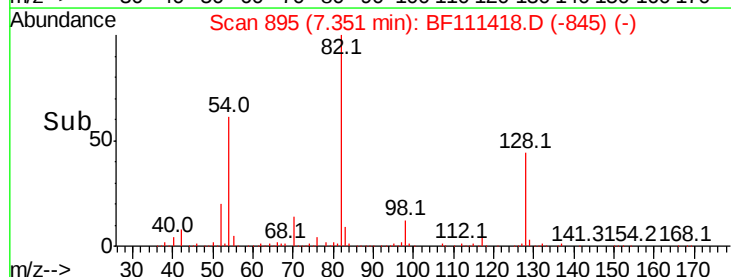
54 60.8 47.6 71.4



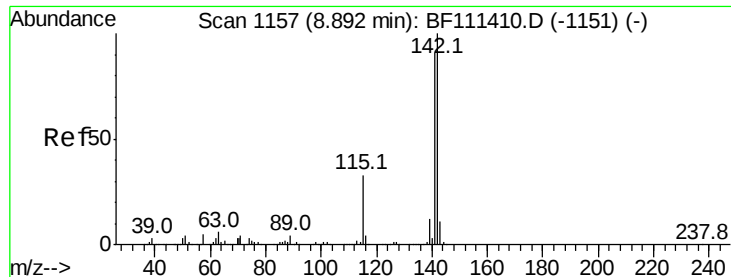
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



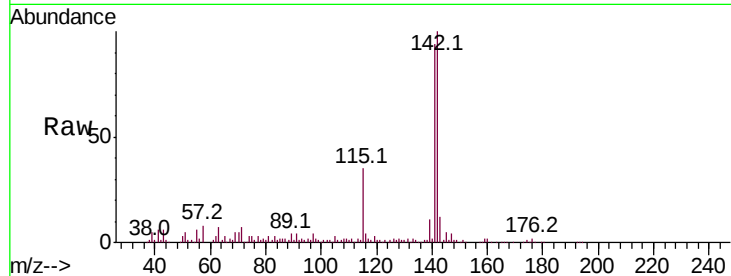
Time-->



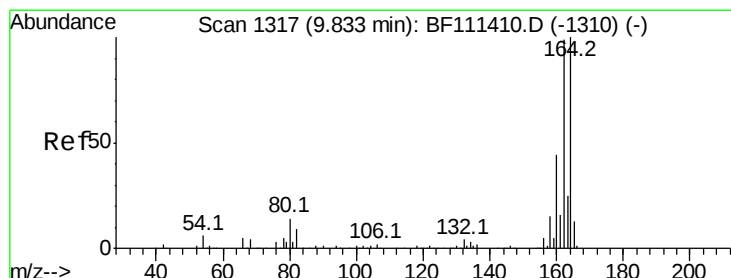
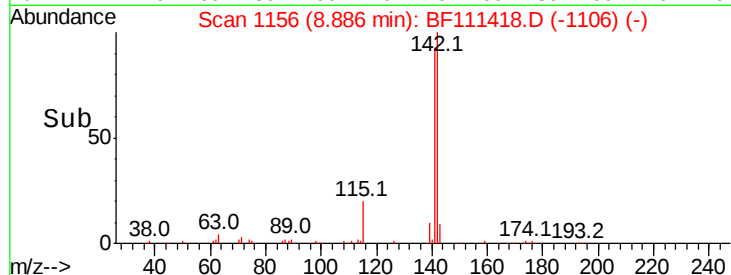
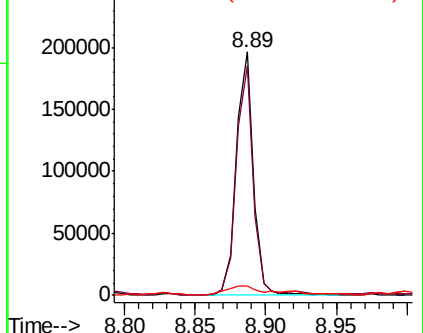
#38
1-Methylnaphthalene
Concen: 8.431 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF111418.D
Acq: 14 Dec 2018 15:00

Instrument :
BNA_F
ClientSampleId :
057_BT-2-1

Tot Ion:142 Resp: 166280
Ion Ratio Lower Upper
142 100
141 94.1 74.2 111.4
116 3.8 2.9 4.3

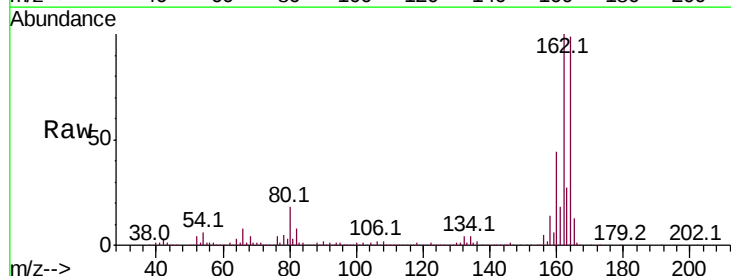


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

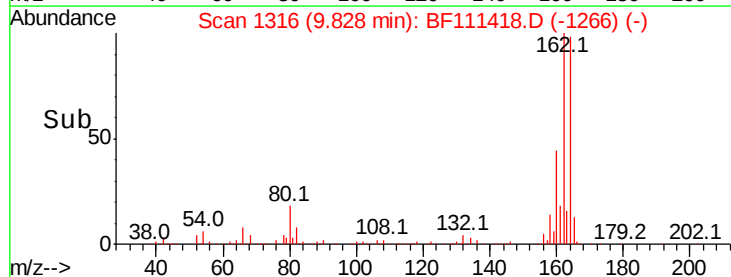
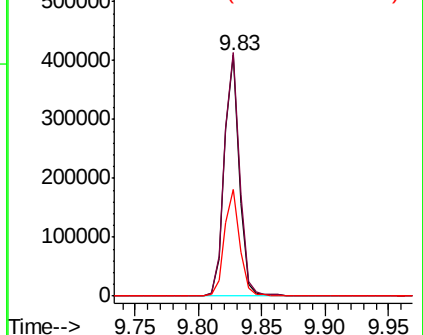


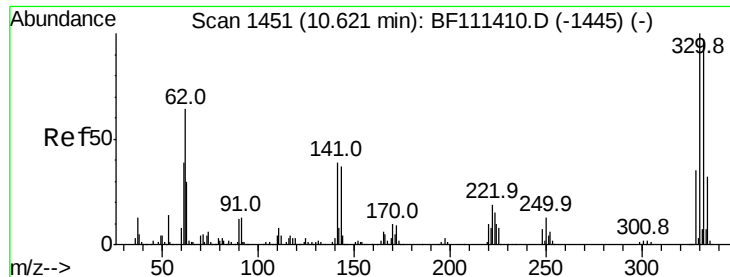
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111418.D
Acq: 14 Dec 2018 15:00

Tgt Ion:164 Resp: 339595
Ion Ratio Lower Upper
164 100
162 101.3 81.4 122.0
160 44.6 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

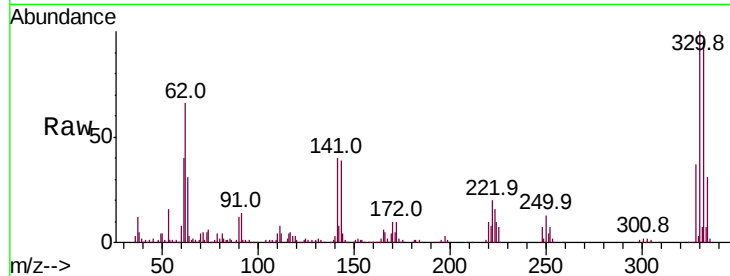




#42
 2,4,6-Tribromophenol
 Concen: 106.574 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111418.D
 Acq: 14 Dec 2018 15:00

Instrument :
 BNA_F
 ClientSampleId :
 057_BT-2-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.0	114.0
141	39.6	31.0	46.6

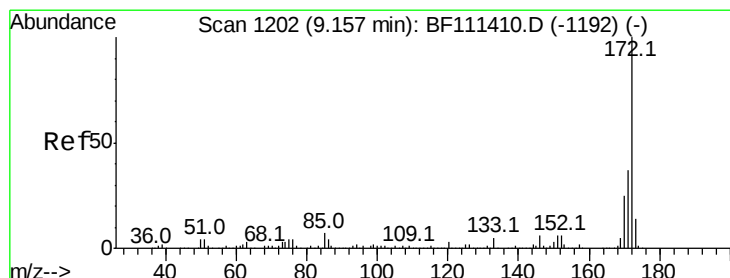
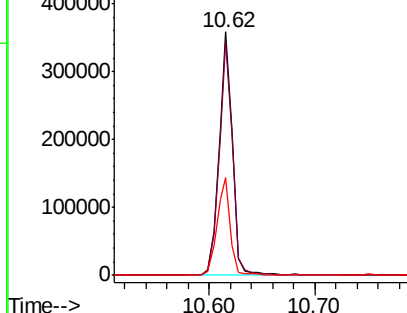
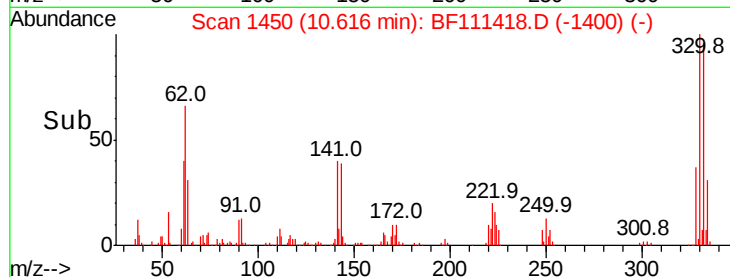


Abundance

Ion 329.80 (329.50 to 330.50): E

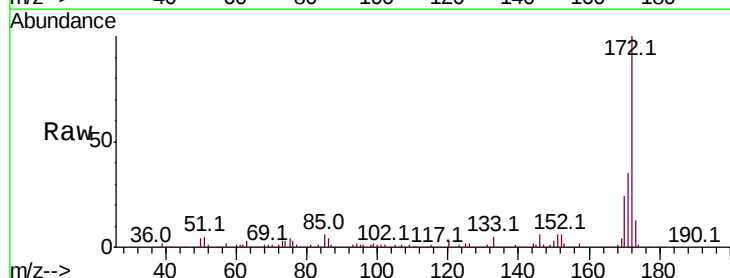
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 66.276 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111418.D
 Acq: 14 Dec 2018 15:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	33.0	49.4
170	23.9	22.3	33.5

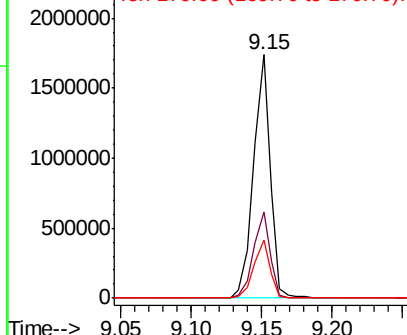
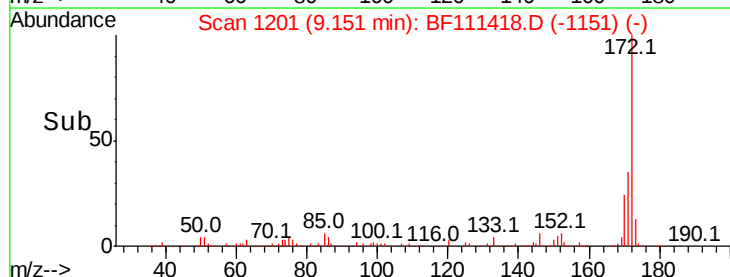


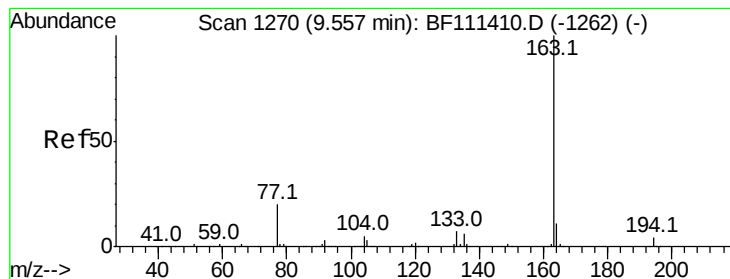
Abundance

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: 4.754 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.02 min

Lab File: BF111418.D

Acq: 14 Dec 2018 15:00

Instrument :

BNA_F

ClientSampleId :

057_BT-2-1

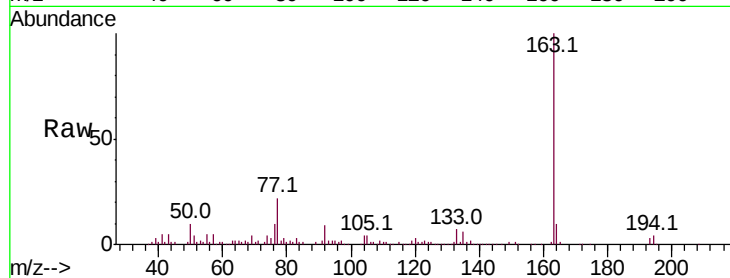
Tot Ion:163 Resp: 116277

Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.6

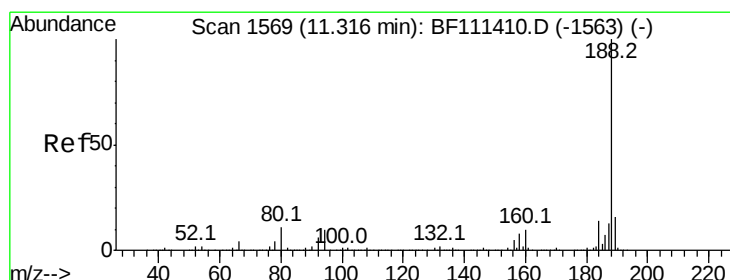
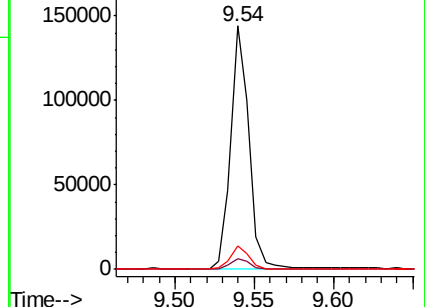
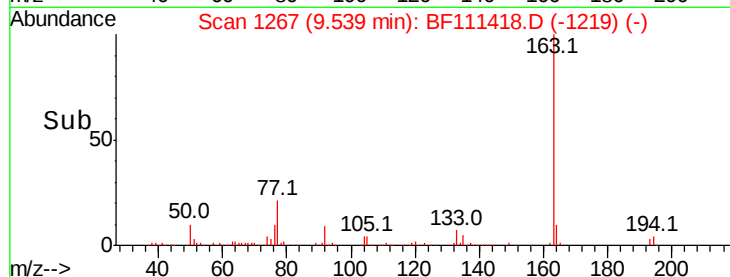
164 9.8 8.9 13.3



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: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF111418.D

Acq: 14 Dec 2018 15:00

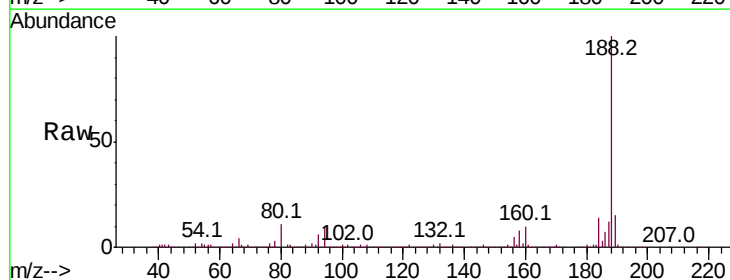
Tgt Ion:188 Resp: 612066

Ion Ratio Lower Upper

188 100

94 10.1 9.6 14.4

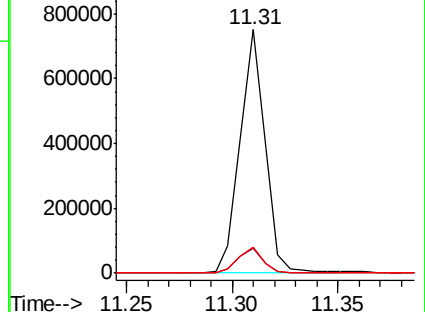
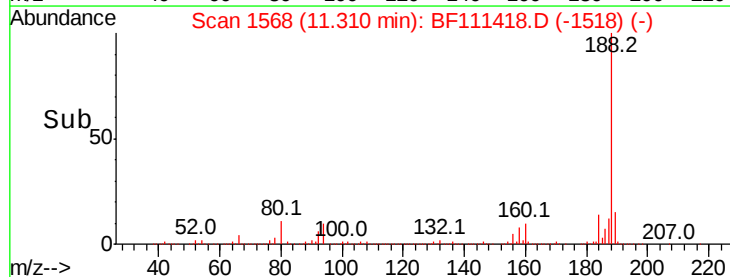
80 10.7 9.8 14.6

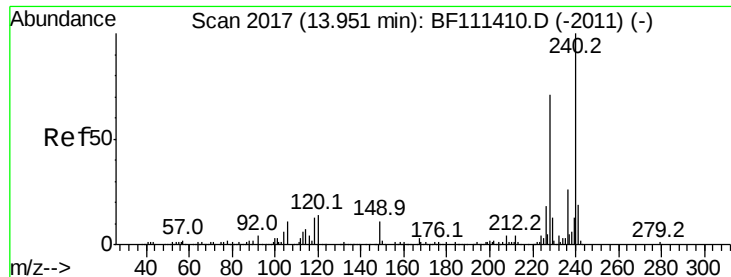


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF111418.D

Acq: 14 Dec 2018 15:00

Instrument :

BNA_F

ClientSampleId :

057_BT-2-1

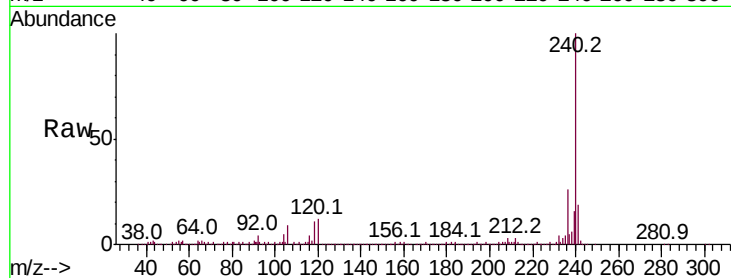
Tot Ion:240 Resp: 420723

Ion Ratio Lower Upper

240 100

120 11.9 12.2 18.2#

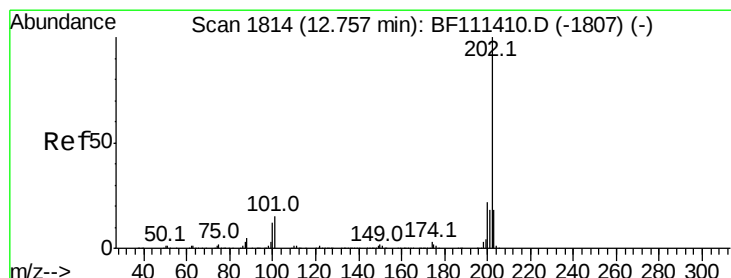
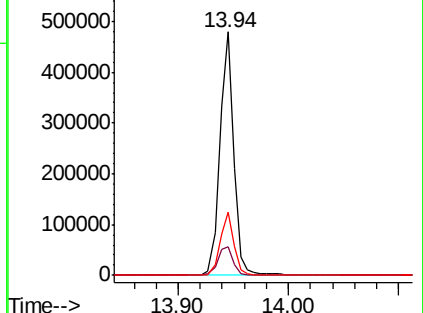
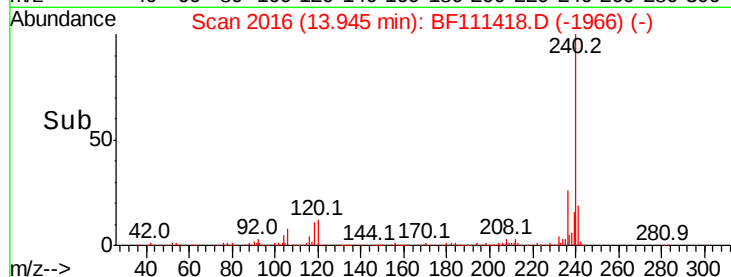
236 26.0 20.2 30.2



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: 2.116 ng

RT: 12.75 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF111418.D

Acq: 14 Dec 2018 15:00

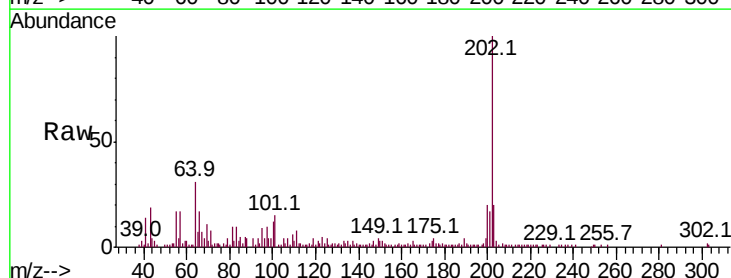
Tgt Ion:202 Resp: 62780

Ion Ratio Lower Upper

202 100

200 19.7 19.0 28.4

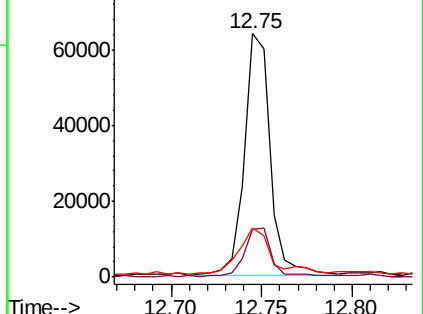
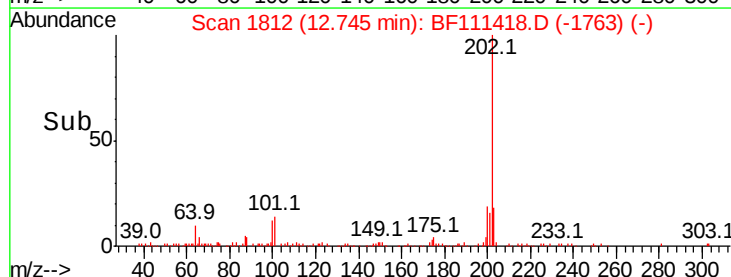
203 20.1 15.2 22.8

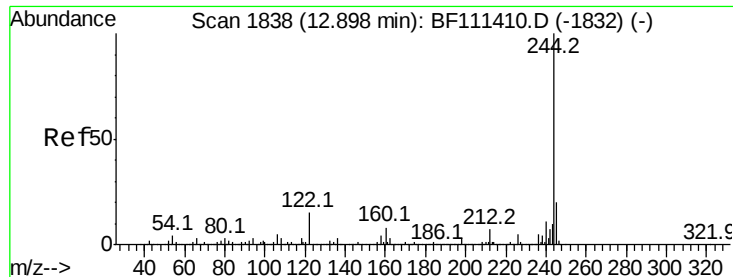


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.699 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF111418.D

Acq: 14 Dec 2018 15:00

Instrument :

BNA_F

ClientSampleId :

057_BT-2-1

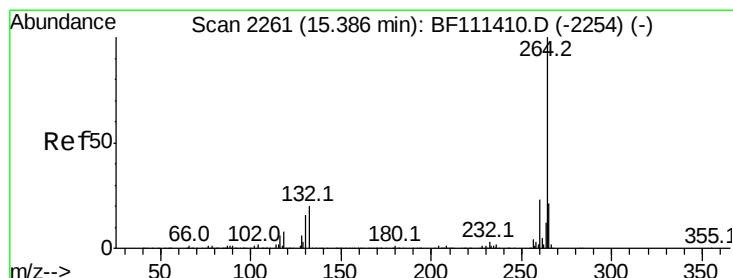
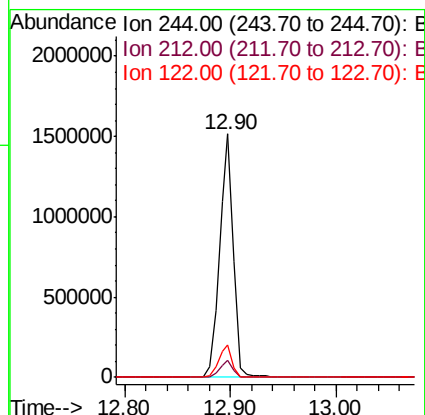
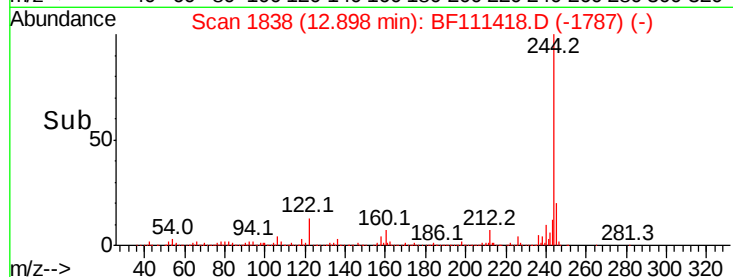
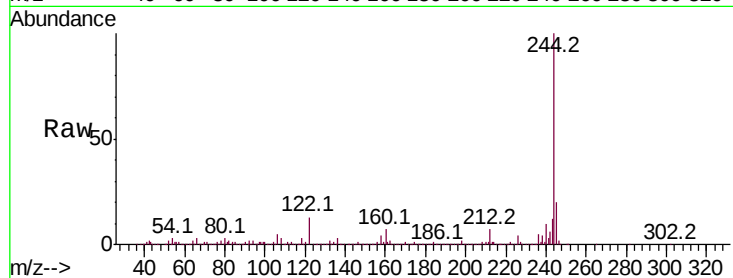
Tot Ion:244 Resp: 1392096

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 13.4 13.1 19.7



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.38 min Scan# 2260

Delta R.T. -0.01 min

Lab File: BF111418.D

Acq: 14 Dec 2018 15:00

Tgt Ion:264 Resp: 346027

Ion Ratio Lower Upper

264 100

260 22.3 18.3 27.5

265 21.1 17.7 26.5

