

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
 Data File : BF110646.D
 Acq On : 9 Nov 2018 23:52
 Operator : JU/SJ
 Sample : J5884-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-S

Quant Time: Nov 11 04:01:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

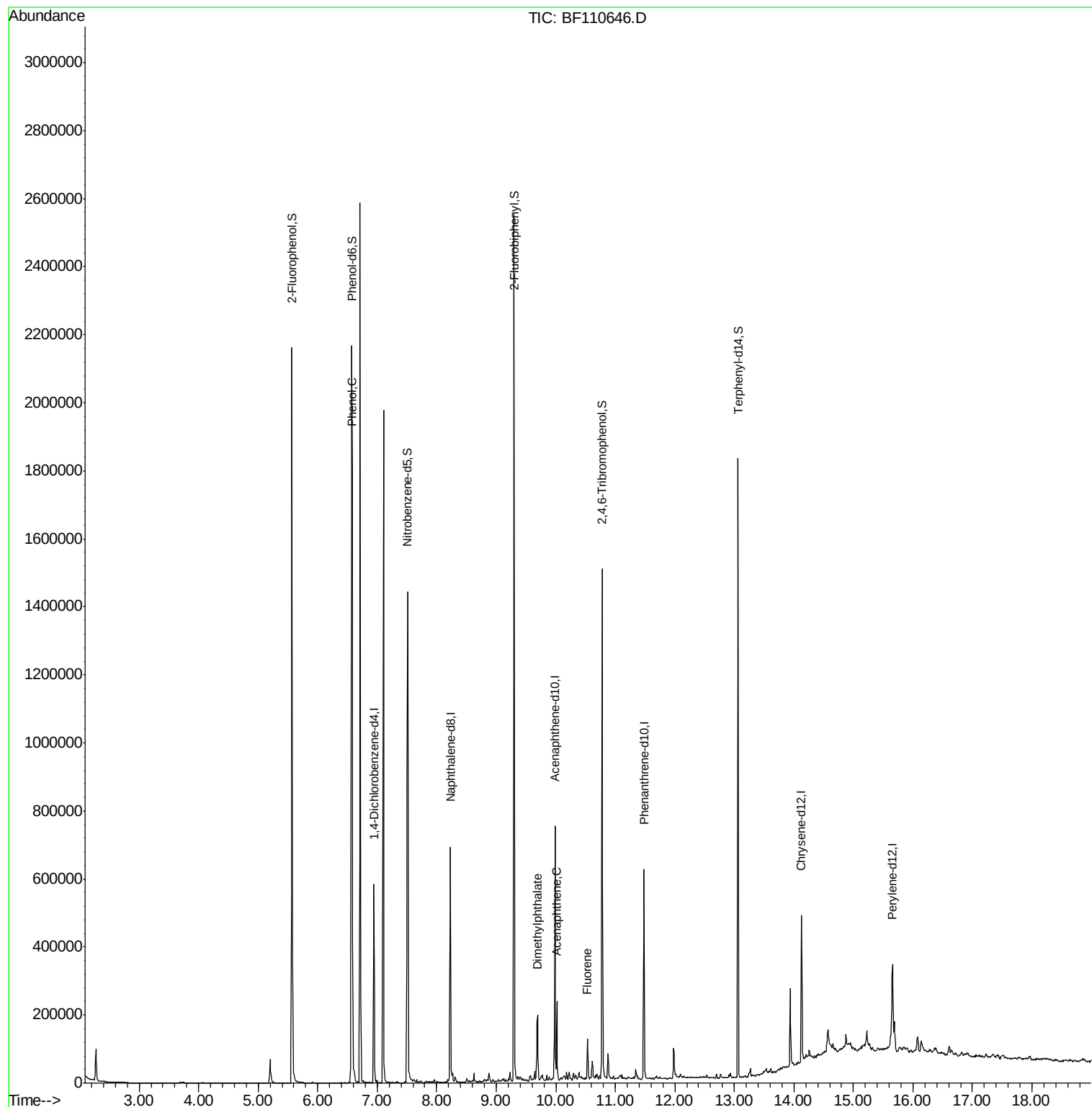
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	80630	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	324449	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	141312	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	213332	20.00	ng	0.00
76) Chrysene-d12	14.13	240	145850	20.00	ng	-0.01
87) Perylene-d12	15.66	264	115253	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	693552	139.72	ng	0.01
7) Phenol-d6	6.57	99	898510	141.55	ng	0.00
23) Nitrobenzene-d5	7.51	82	558926	99.21	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	170723	119.90	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	868595	87.79	ng	0.00
79) Terphenyl-d14	13.06	244	564746	72.52	ng	0.00
Target Compounds						
10) Phenol	6.59	94	57254	7.779	ng	# 65
50) Dimethylphthalate	9.69	163	69004	6.544	ng	# 99
52) Acenaphthene	10.02	154	48612	5.624	ng	99
58) Fluorene	10.53	166	33907	3.491	ng	98

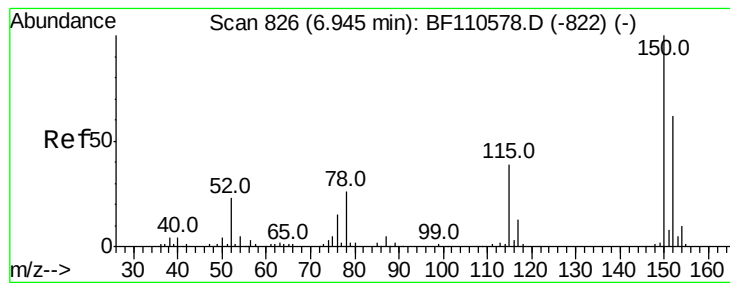
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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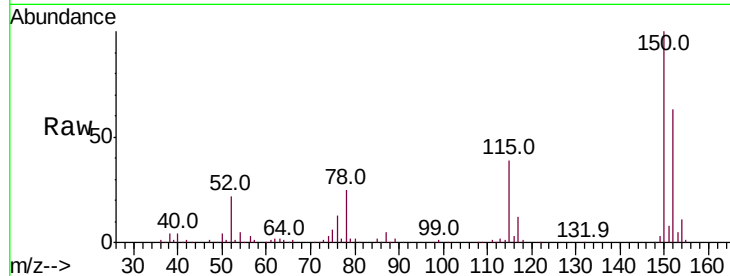


#1

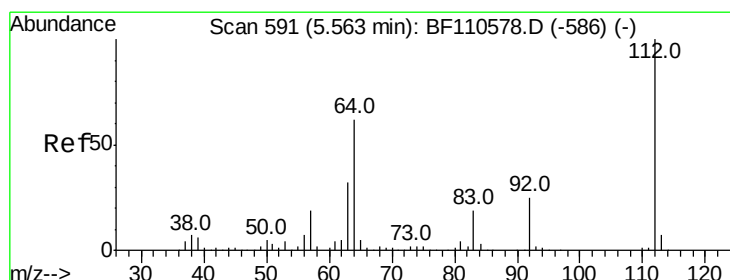
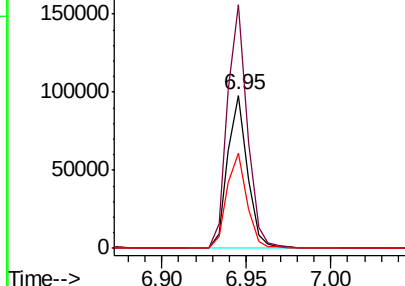
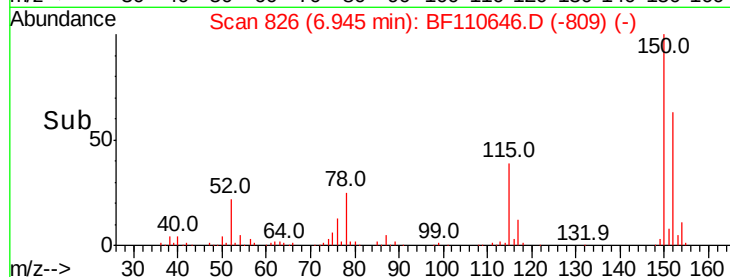
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110646.D
Acq: 9 Nov 2018 23:52

Instrument :
BNA_F
ClientSampleId :
TP-3-S

Tot Ion:152 Resp: 80630
Ion Ratio Lower Upper
152 100
150 158.8 122.7 184.1
115 62.1 49.1 73.7



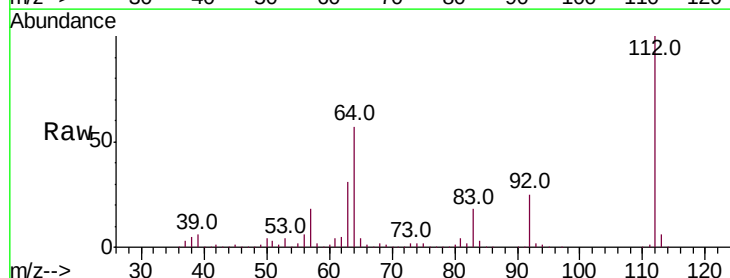
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



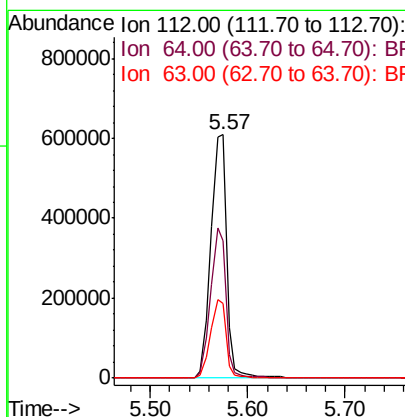
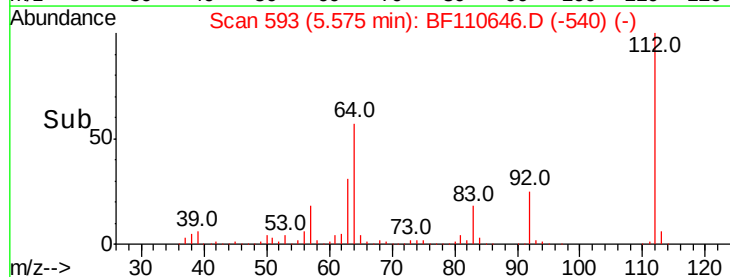
#5

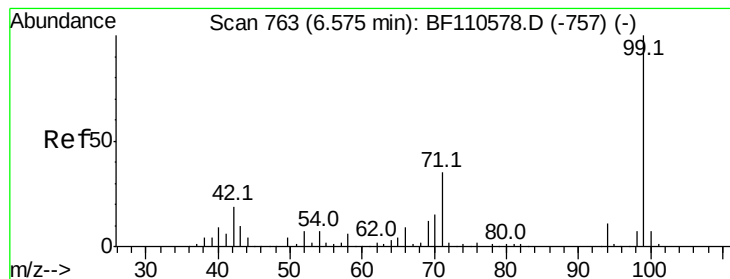
2-Fluorophenol
Concen: 139.718 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.01 min
Lab File: BF110646.D
Acq: 9 Nov 2018 23:52

Tgt Ion:112 Resp: 693552
Ion Ratio Lower Upper
112 100
64 56.6 44.1 66.1
63 30.5 23.7 35.5



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: 141.549 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110646.D

Acq: 9 Nov 2018 23:52

Instrument :

BNA_F

ClientSampled :

TP-3-S

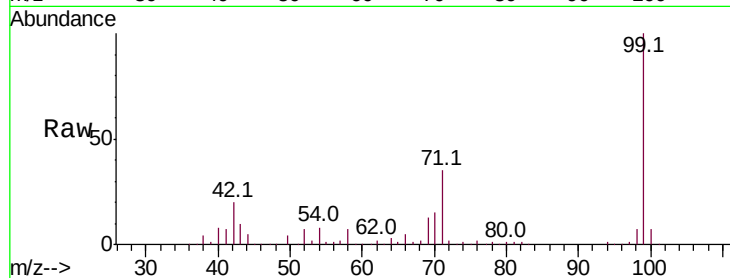
Tot Ion: 99 Resp: 898510

Ion Ratio Lower Upper

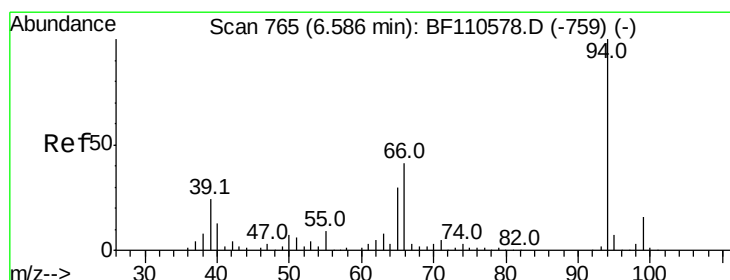
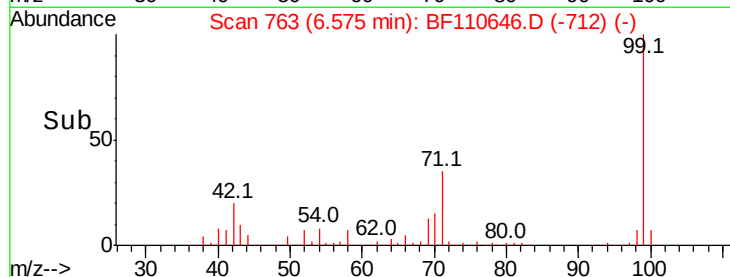
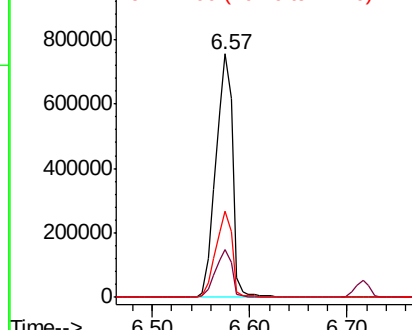
99 100

42 19.6 15.8 23.6

71 35.2 28.0 42.0



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: 7.779 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF110646.D

Acq: 9 Nov 2018 23:52

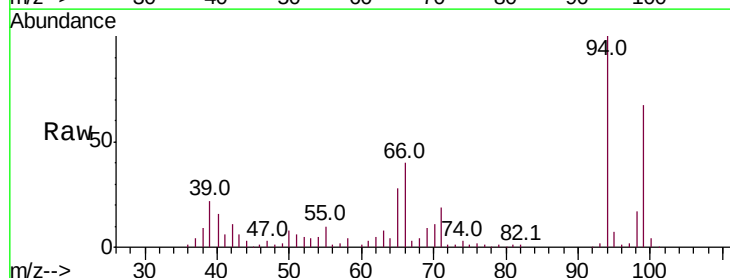
Tgt Ion: 94 Resp: 57254

Ion Ratio Lower Upper

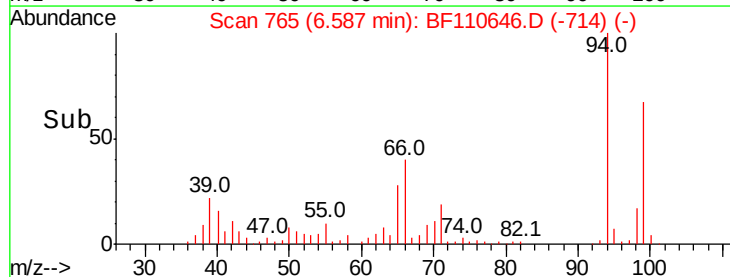
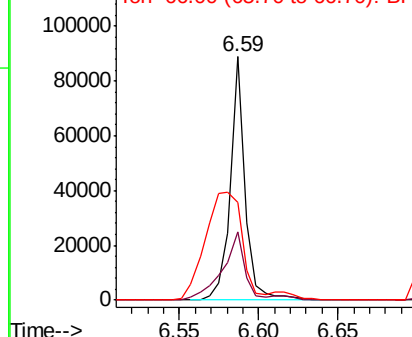
94 100

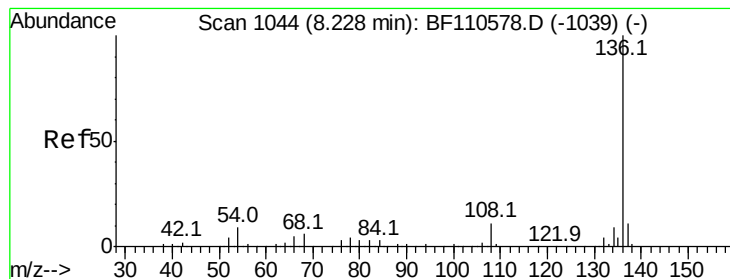
65 27.8 25.3 65.3

66 40.3 54.5 94.5#



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: 8.23 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF110646.D

Acq: 9 Nov 2018 23:52

Instrument :

BNA_F

ClientSampleId :

TP-3-S

Tot Ion:136 Resp: 324449

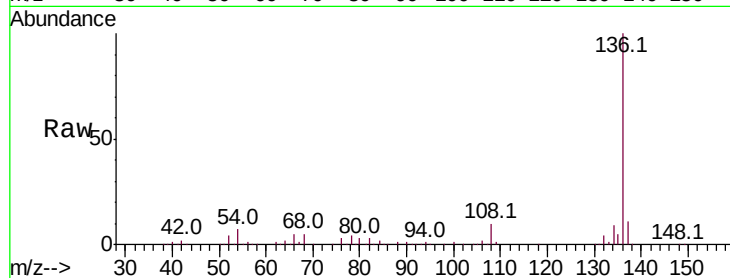
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 7.4 5.4 8.2

68 4.9 4.2 6.2

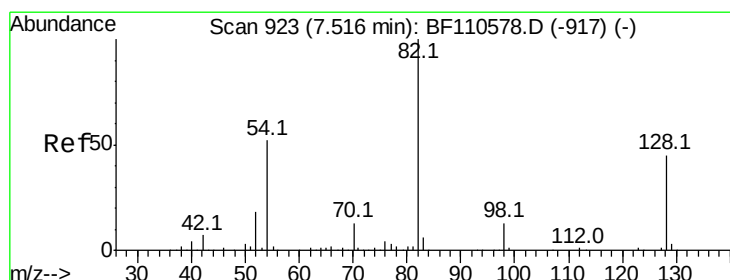
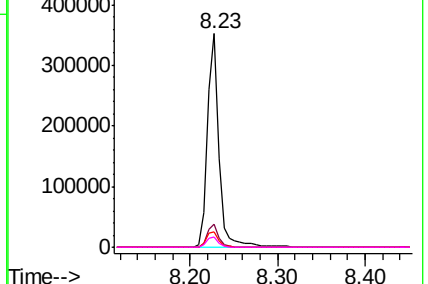
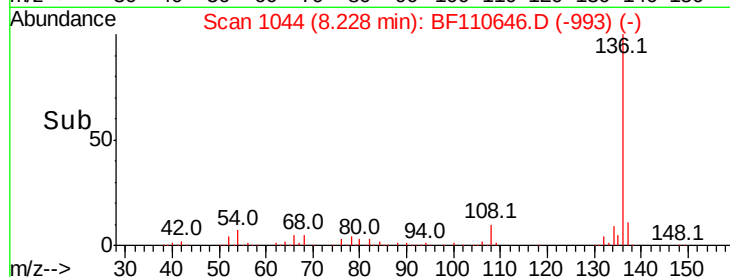


Abundance Ion 136.00 (135.70 to 136.70): E

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: 99.209 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF110646.D

Acq: 9 Nov 2018 23:52

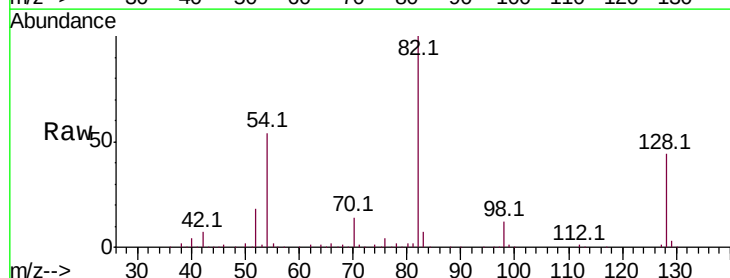
Tgt Ion: 82 Resp: 558926

Ion Ratio Lower Upper

82 100

128 43.9 34.2 51.2

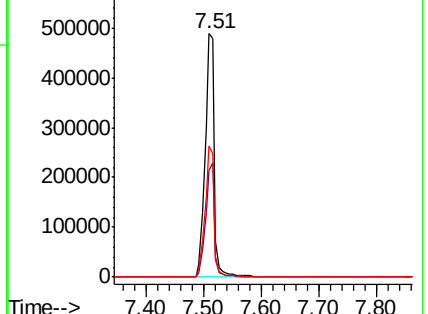
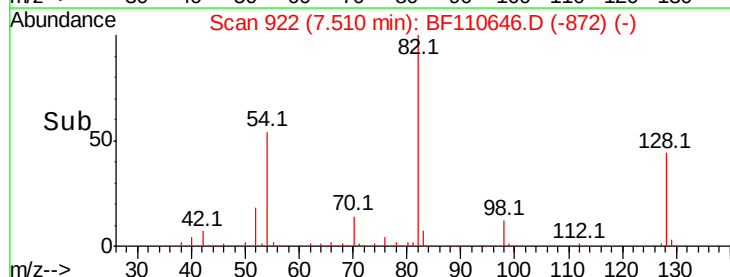
54 53.9 38.6 58.0

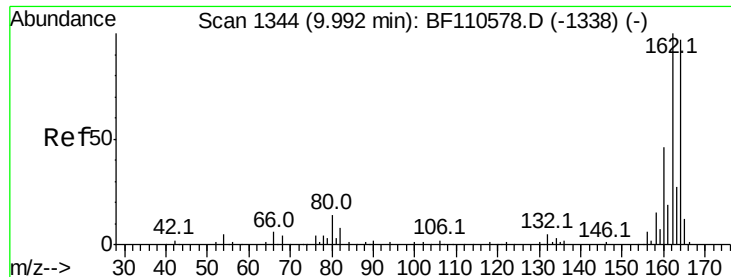


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

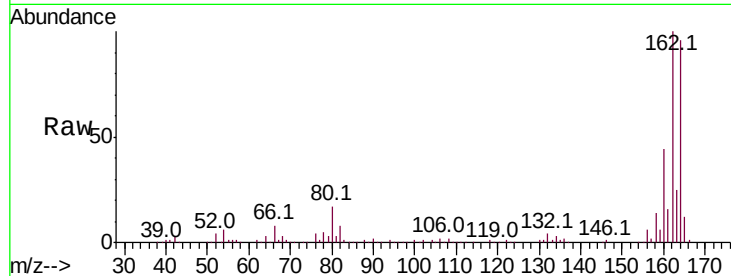




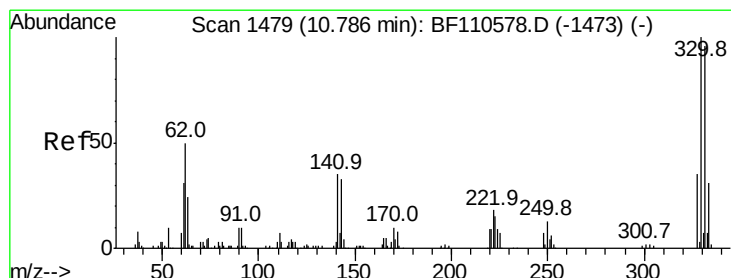
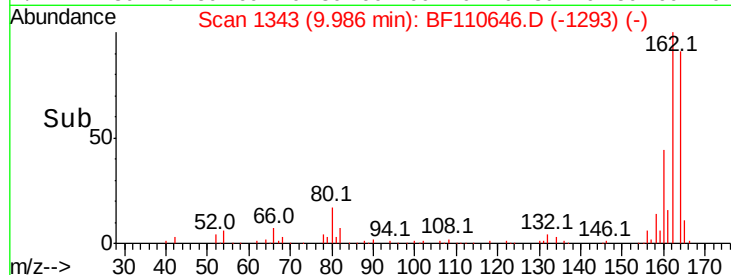
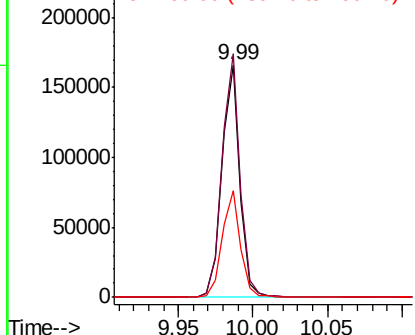
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110646.D
Acq: 9 Nov 2018 23:52

Instrument :
BNA_F
ClientSampleId :
TP-3-S

Tot Ion:164 Resp: 141312
Ion Ratio Lower Upper
164 100
162 104.7 83.0 124.6
160 46.1 37.0 55.6

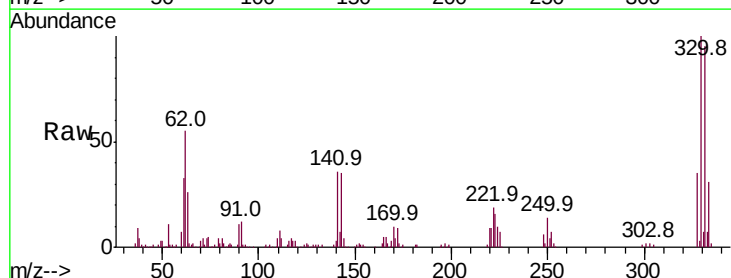


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

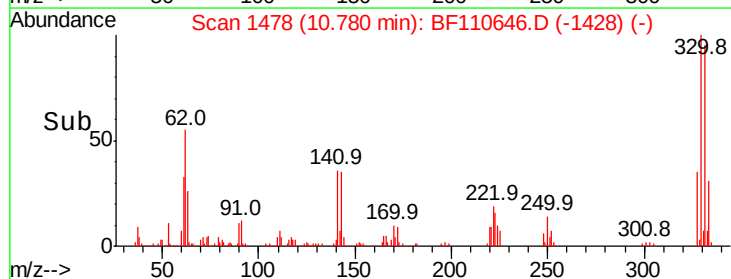
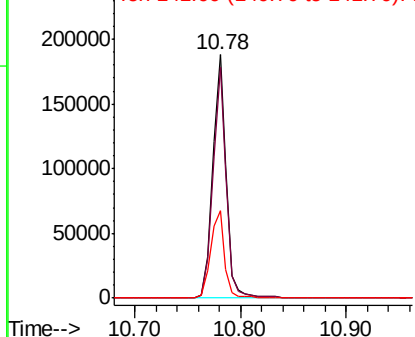


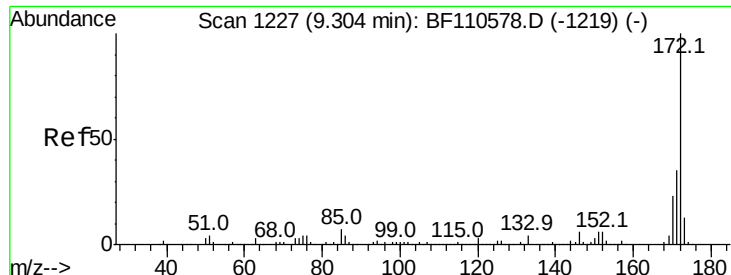
#42
2,4,6-Tribromophenol
Concen: 119.899 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110646.D
Acq: 9 Nov 2018 23:52

Tgt Ion:330 Resp: 170723
Ion Ratio Lower Upper
330 100
332 94.0 77.1 115.7
141 37.0 27.0 40.4



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

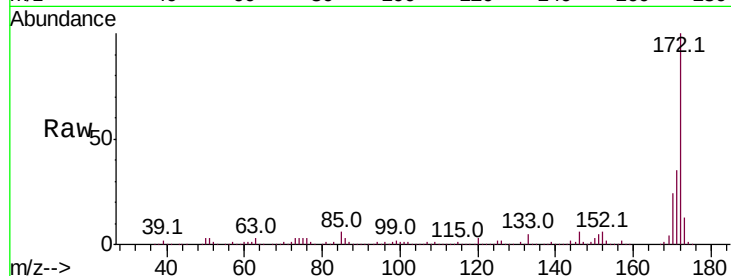




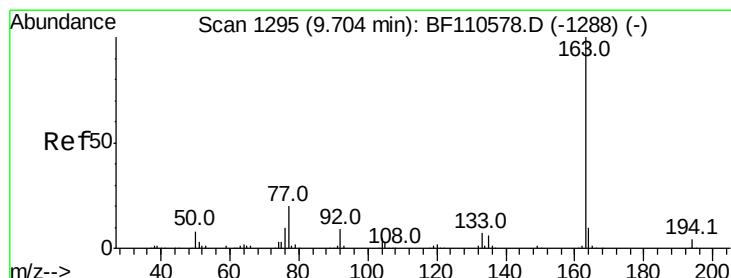
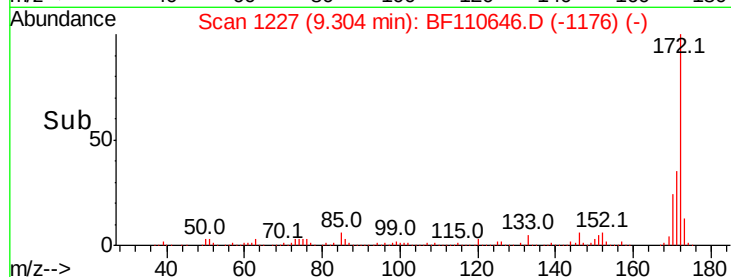
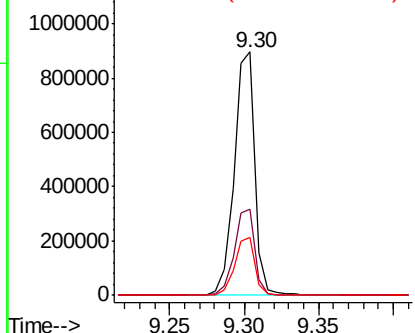
#45
2-Fluorobiphenyl
Concen: 87.785 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF110646.D
Acq: 9 Nov 2018 23:52

Instrument :
BNA_F
ClientSampleId :
TP-3-S

Tot Ion:172 Resp: 868595
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.9 19.7 29.5

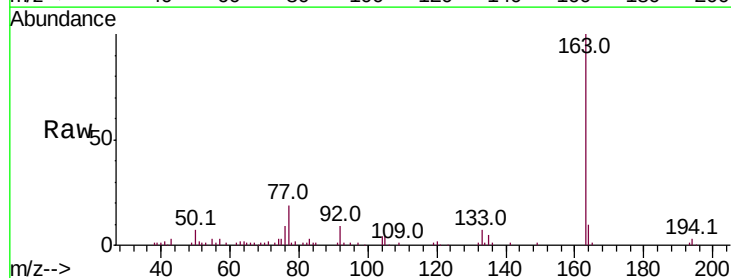


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

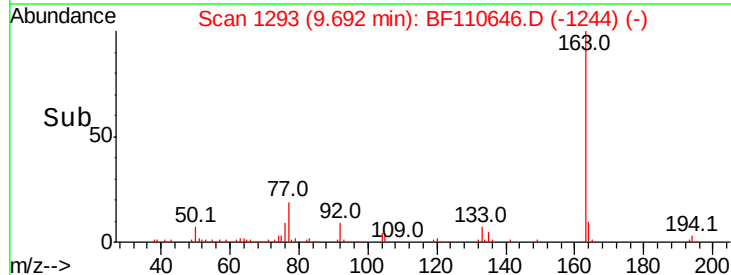
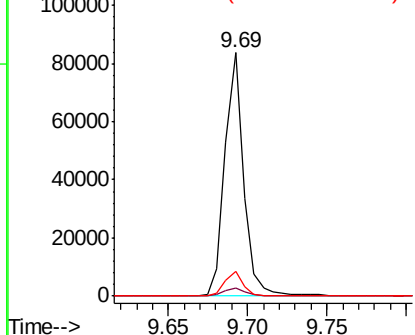


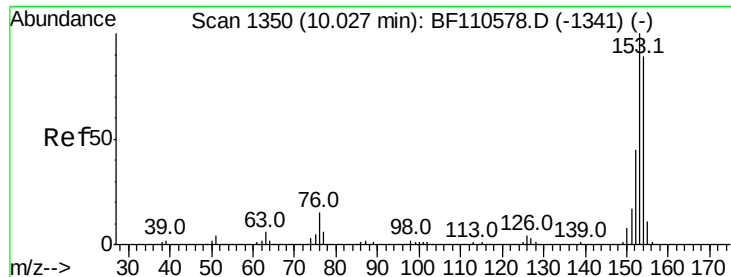
#50
Dimethylphthalate
Concen: 6.544 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110646.D
Acq: 9 Nov 2018 23:52

Tgt Ion:163 Resp: 69004
Ion Ratio Lower Upper
163 100
194 3.2 3.2 4.8#
164 10.0 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#52

Acenaphthene

Concen: 5.624 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF110646.D

Acq: 9 Nov 2018 23:52

Instrument :

BNA_F

ClientSampleId :

TP-3-S

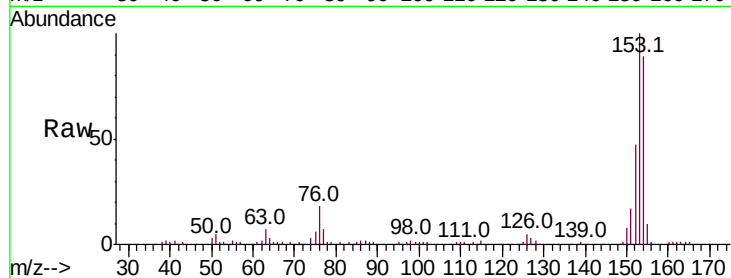
Tot Ion:154 Resp: 48612

Ion Ratio Lower Upper

154 100

153 112.3 90.1 135.1

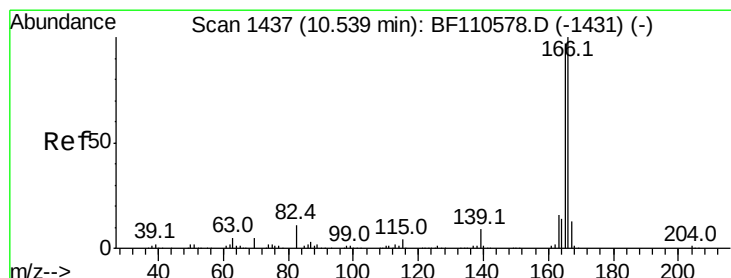
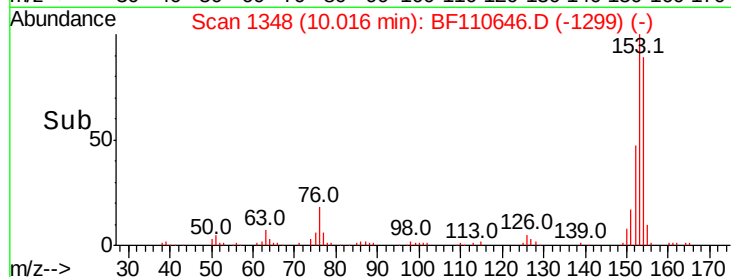
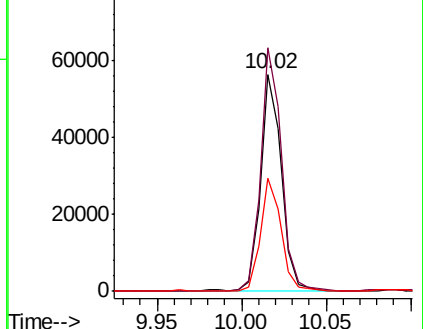
152 52.2 43.4 65.2



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



#58

Fluorene

Concen: 3.491 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF110646.D

Acq: 9 Nov 2018 23:52

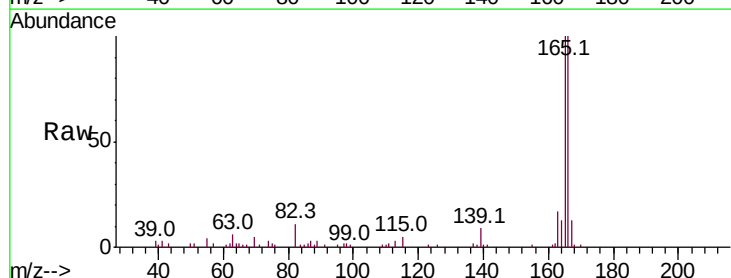
Tgt Ion:166 Resp: 33907

Ion Ratio Lower Upper

166 100

165 100.3 78.6 117.8

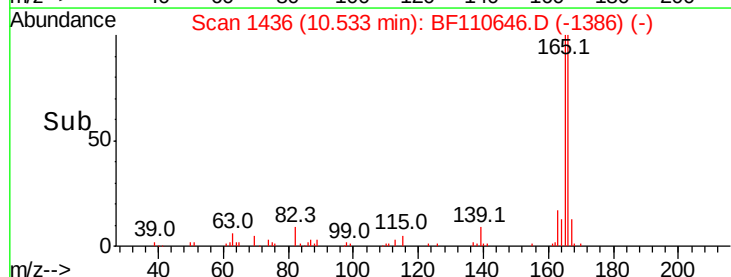
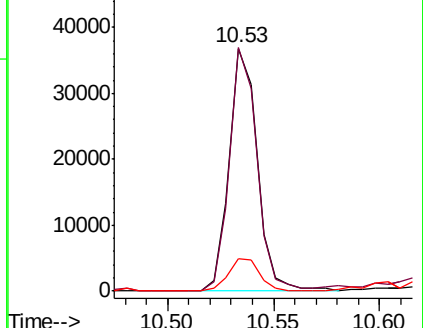
167 13.5 10.8 16.2

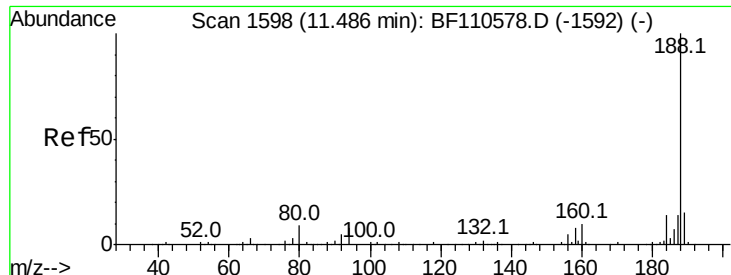


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF110646.D

Acq: 9 Nov 2018 23:52

Instrument :

BNA_F

ClientSampleId :

TP-3-S

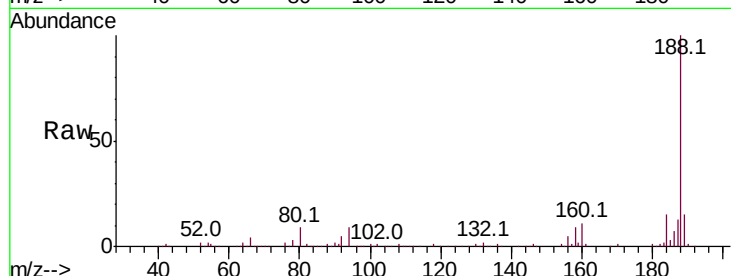
Tot Ion:188 Resp: 213332

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

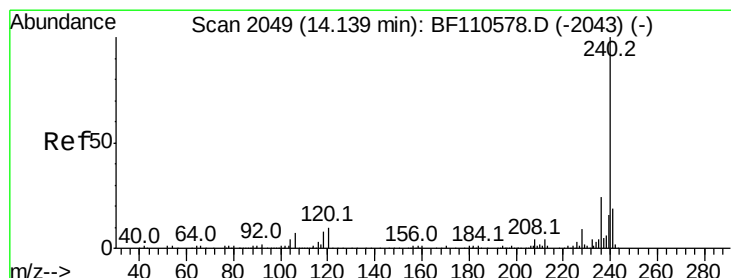
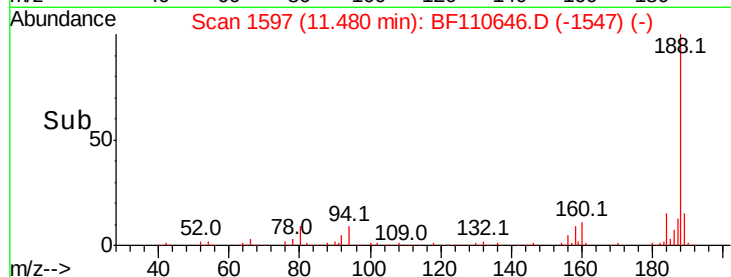
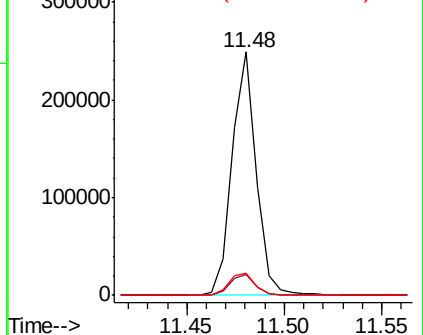
80 9.2 7.9 11.9



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: 14.13 min Scan# 2047

Delta R.T. -0.01 min

Lab File: BF110646.D

Acq: 9 Nov 2018 23:52

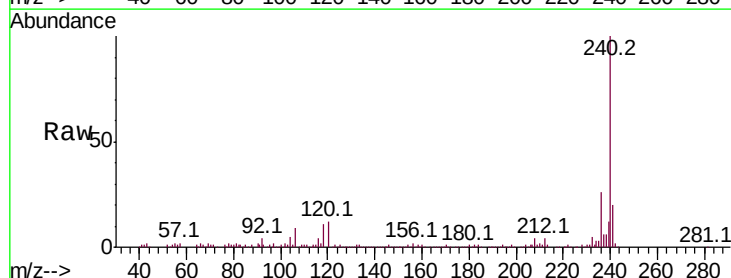
Tgt Ion:240 Resp: 145850

Ion Ratio Lower Upper

240 100

120 12.1 8.3 12.5

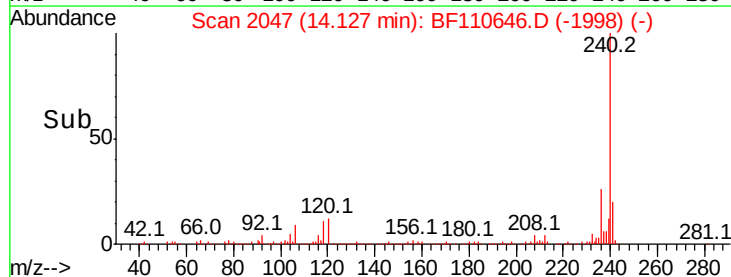
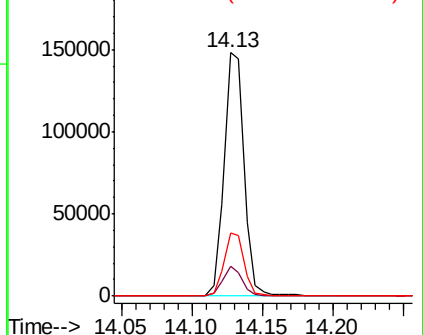
236 25.8 21.2 31.8

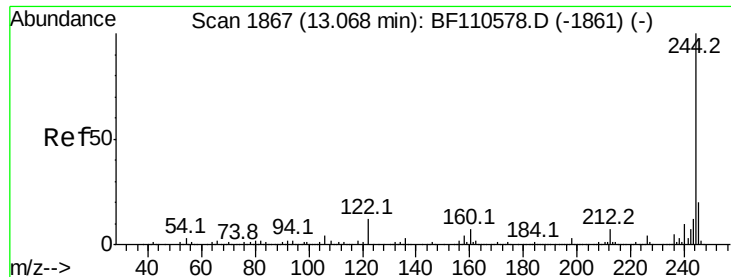


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

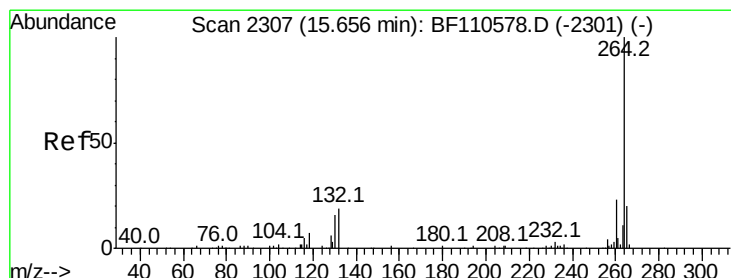
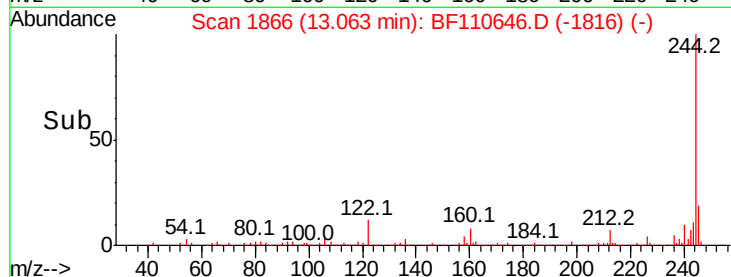
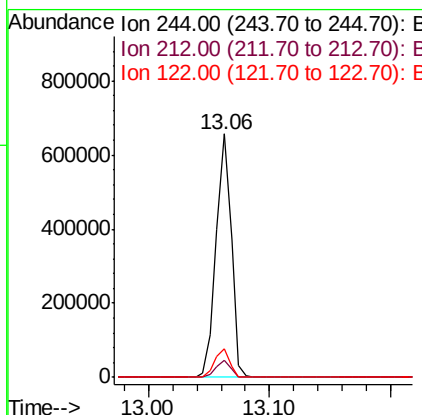
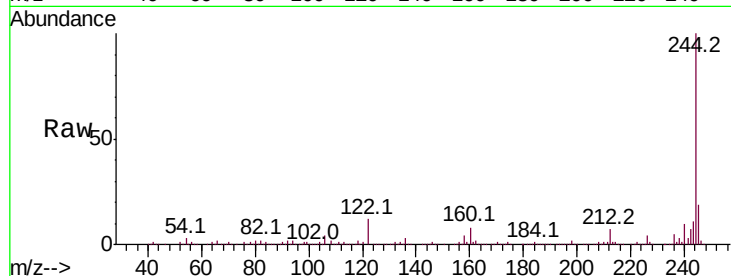




#79
 Terphenyl-d14
 Concen: 72.515 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110646.D
 Acq: 9 Nov 2018 23:52

Instrument :
 BNA_F
 ClientSampled :
 TP-3-S

Tot Ion:244 Resp: 564746
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 12.0 8.7 13.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BF110646.D
 Acq: 9 Nov 2018 23:52

Tgt Ion:264 Resp: 115253
 Ion Ratio Lower Upper
 264 100
 260 24.9 18.7 28.1
 265 22.2 16.7 25.1

