

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
 Data File : BF110608.D
 Acq On : 9 Nov 2018 1:50
 Operator : JU/SJ
 Sample : J5859-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-24(0-10)

Quant Time: Nov 09 13:38:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 08 14:14:47 2018
 Response via : Initial Calibration

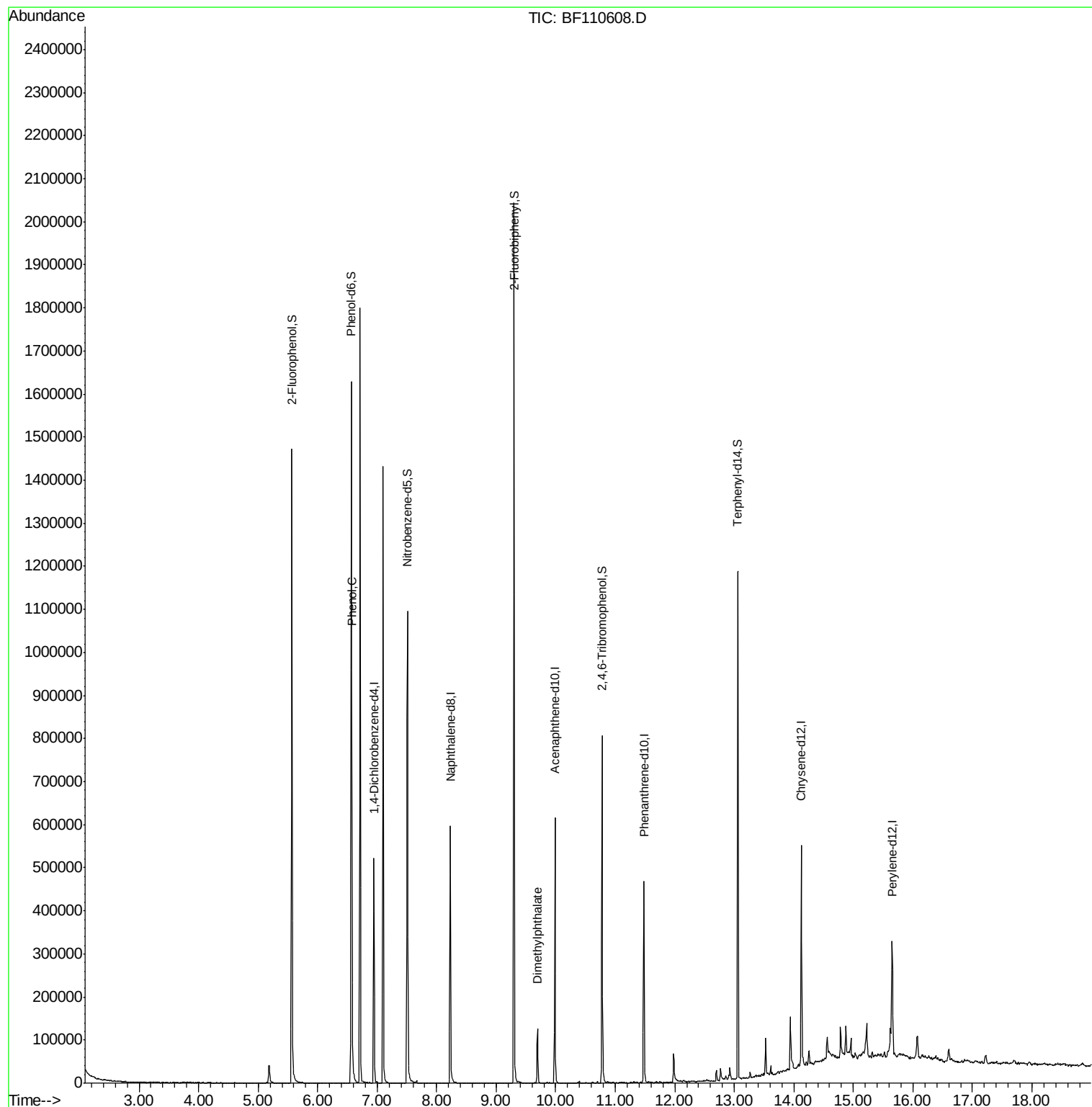
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	75032	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	294286	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	119963	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	181025	20.00	ng	0.00
76) Chrysene-d12	14.13	240	153091	20.00	ng	-0.01
87) Perylene-d12	15.65	264	118767	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	448499	97.09	ng	0.00
7) Phenol-d6	6.57	99	571650	96.78	ng	0.00
23) Nitrobenzene-d5	7.51	82	355265	69.52	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	97841	80.94	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	600951	71.54	ng	0.00
79) Terphenyl-d14	13.06	244	407546	49.86	ng	0.00
Target Compounds						
10) Phenol	6.58	94	31706	4.629	ng	Qvalue # 66
50) Dimethylphthalate	9.69	163	55446	6.194	ng	98

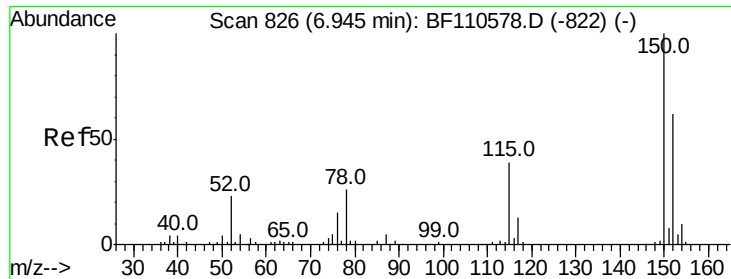
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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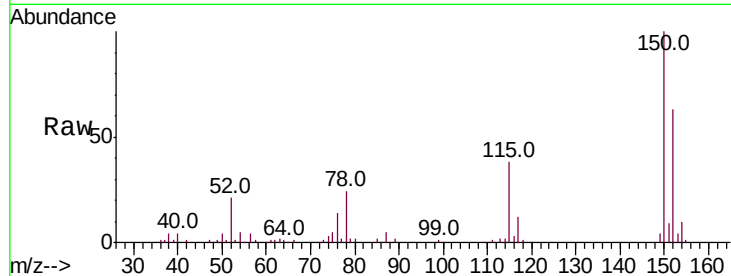


#1

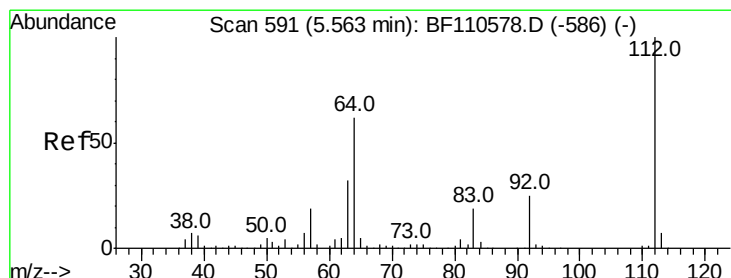
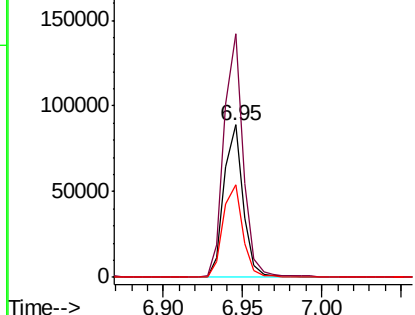
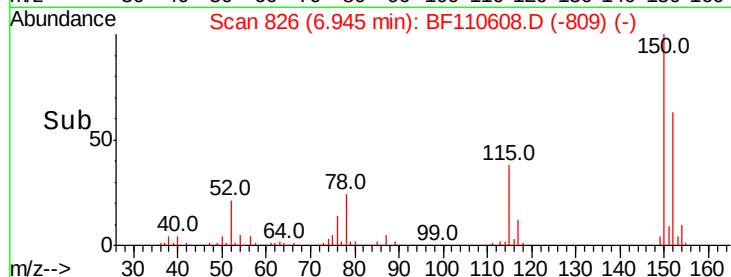
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF110608.D
 Acq: 9 Nov 2018 1:50

Instrument :
 BNA_F
 ClientSampleId :
 B-24(0-10)

Tot Ion:152 Resp: 75032
 Ion Ratio Lower Upper
 152 100
 150 159.6 122.7 184.1
 115 61.0 49.1 73.7



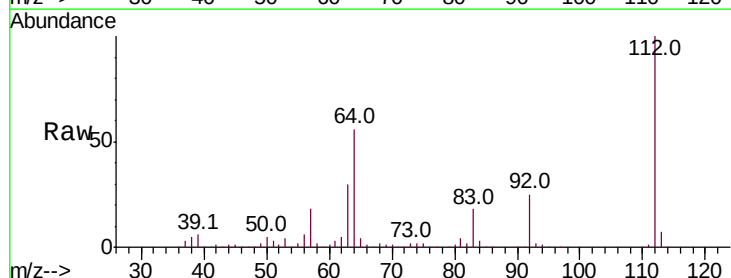
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



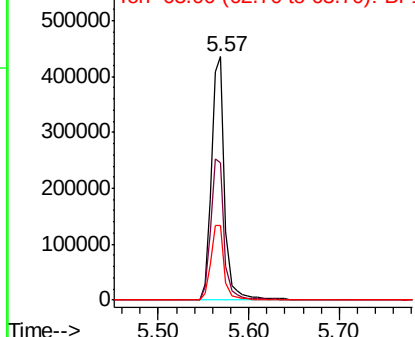
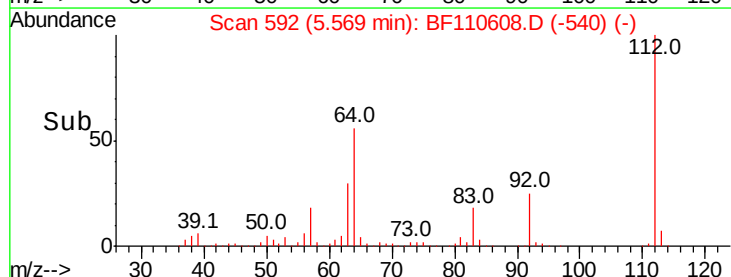
#5

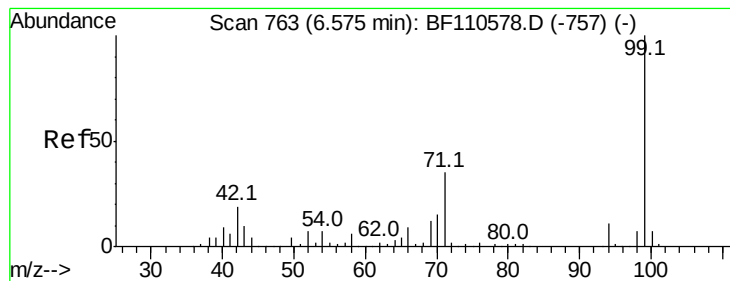
2-Fluorophenol
 Concen: 97.092 ng
 RT: 5.57 min Scan# 592
 Delta R.T. 0.01 min
 Lab File: BF110608.D
 Acq: 9 Nov 2018 1:50

Tgt Ion:112 Resp: 448499
 Ion Ratio Lower Upper
 112 100
 64 56.5 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: 96.775 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110608.D

Acq: 9 Nov 2018 1:50

Instrument :

BNA_F

ClientSampleId :

B-24(0-10)

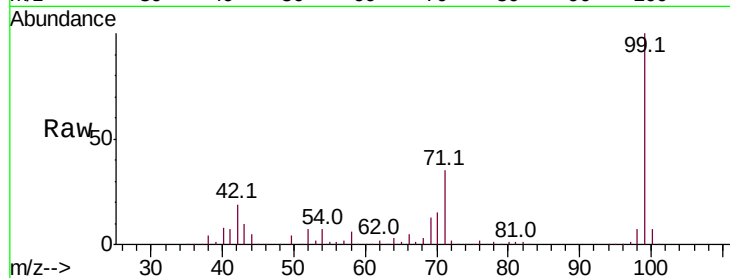
Tot Ion: 99 Resp: 571650

Ion Ratio Lower Upper

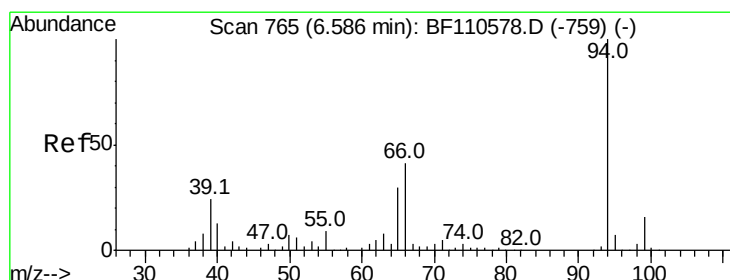
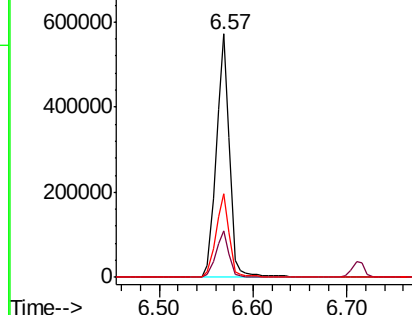
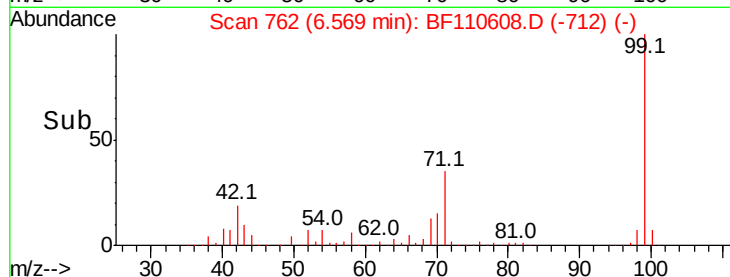
99 100

42 19.4 15.8 23.6

71 34.5 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: 4.629 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110608.D

Acq: 9 Nov 2018 1:50

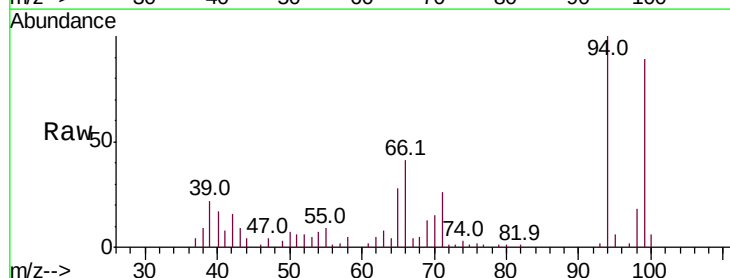
Tgt Ion: 94 Resp: 31706

Ion Ratio Lower Upper

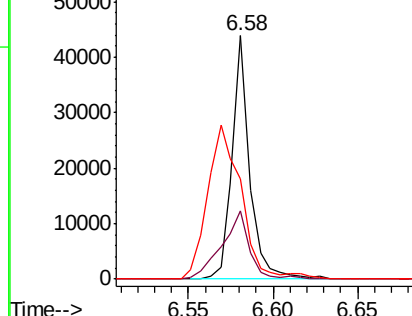
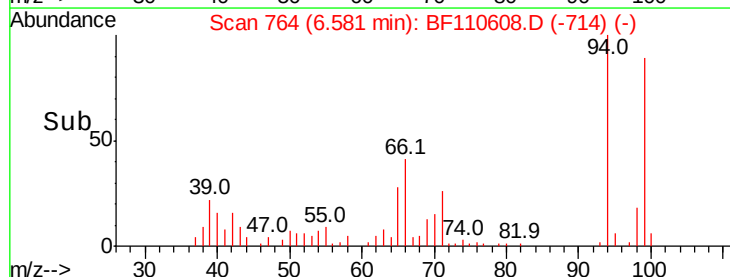
94 100

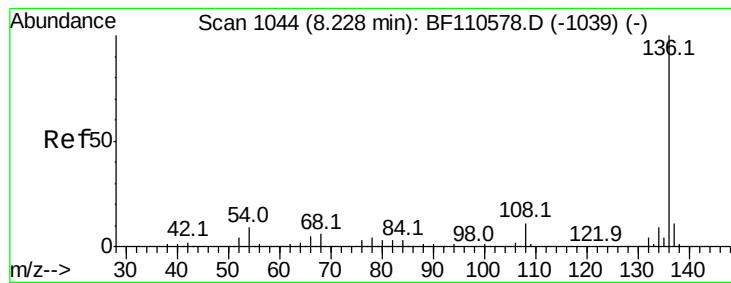
65 28.2 25.3 65.3

66 41.2 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: BF110608.D

Acq: 9 Nov 2018 1:50

Instrument :

BNA_F

ClientSampleId :

B-24(0-10)

Tot Ion:136 Resp: 294286

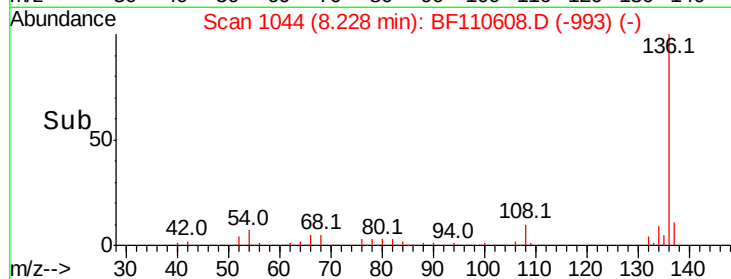
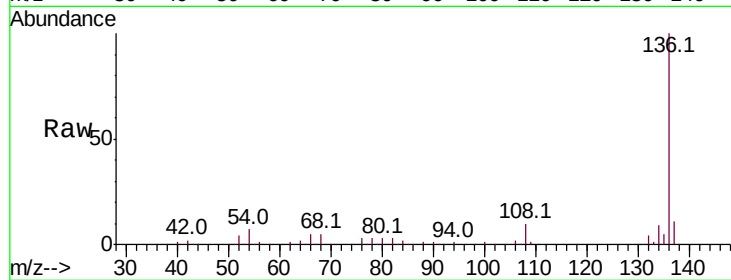
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 7.1 5.4 8.2

68 4.7 4.2 6.2

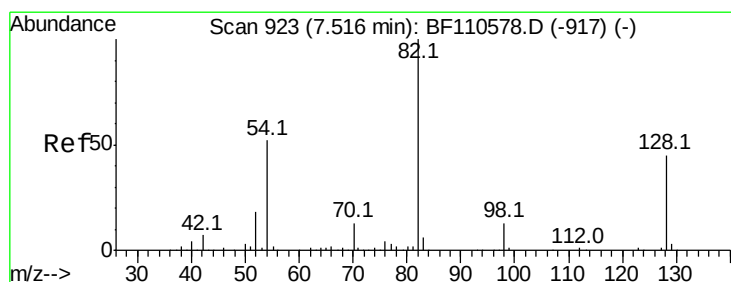
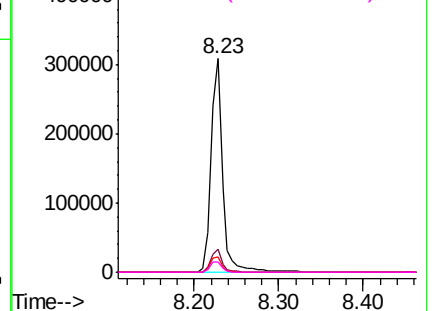


Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.523 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF110608.D

Acq: 9 Nov 2018 1:50

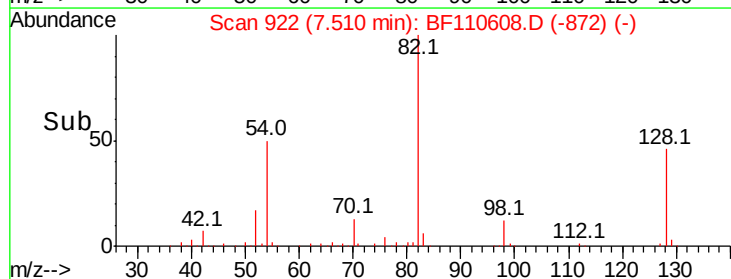
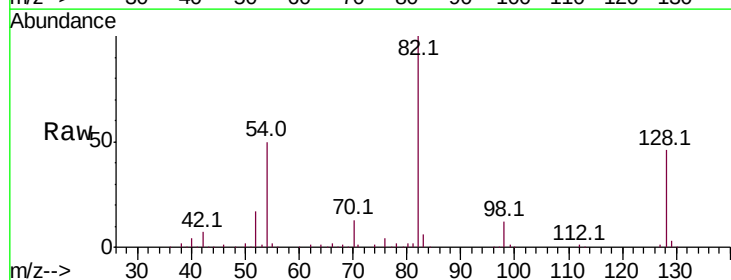
Tgt Ion: 82 Resp: 355265

Ion Ratio Lower Upper

82 100

128 45.7 34.2 51.2

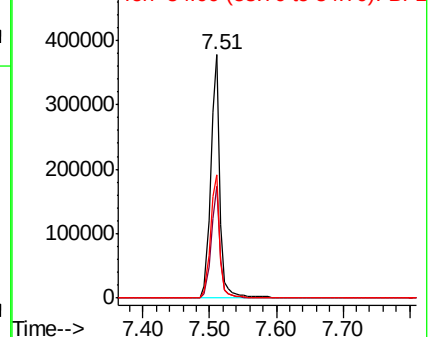
54 50.5 38.6 58.0

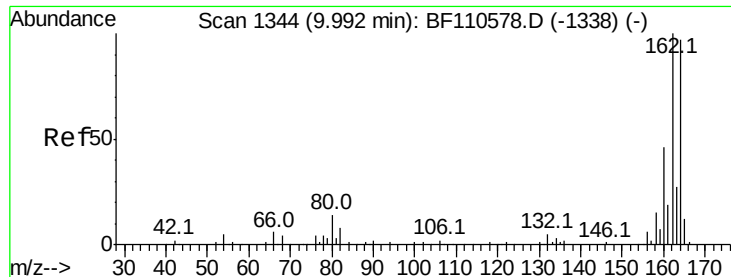


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: BF110608.D

Acq: 9 Nov 2018 1:50

Instrument :

BNA_F

ClientSampleId :

B-24(0-10)

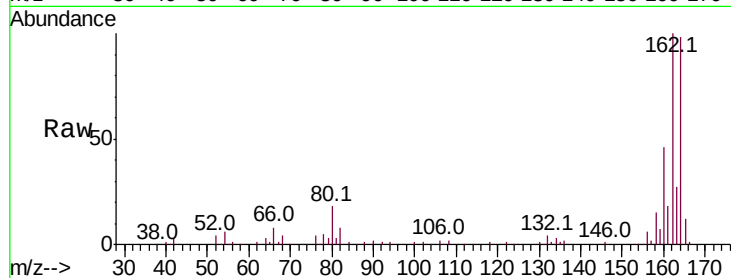
Tot Ion:164 Resp: 119963

Ion Ratio Lower Upper

164 100

162 102.2 83.0 124.6

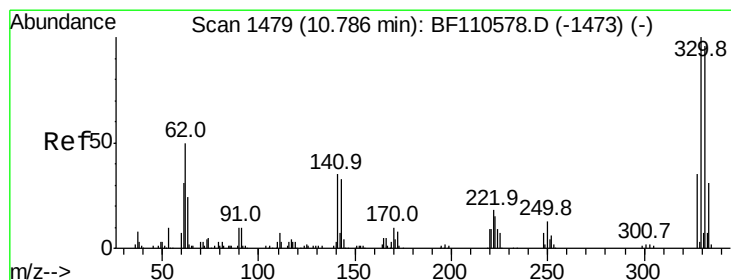
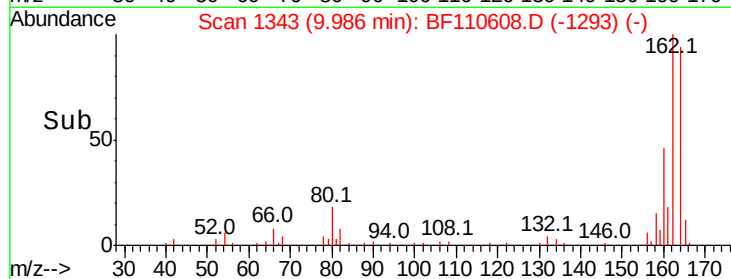
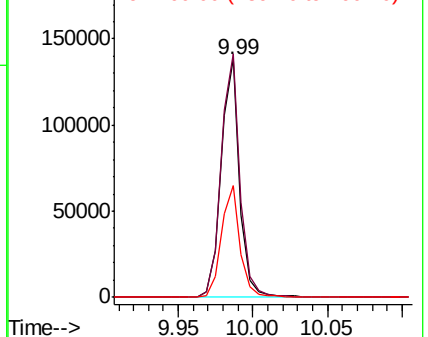
160 46.7 37.0 55.6



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: 80.942 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110608.D

Acq: 9 Nov 2018 1:50

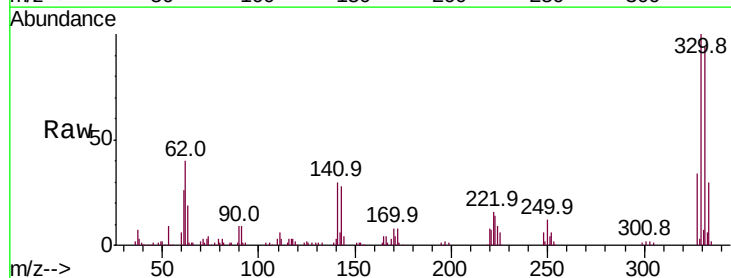
Tgt Ion:330 Resp: 97841

Ion Ratio Lower Upper

330 100

332 95.2 77.1 115.7

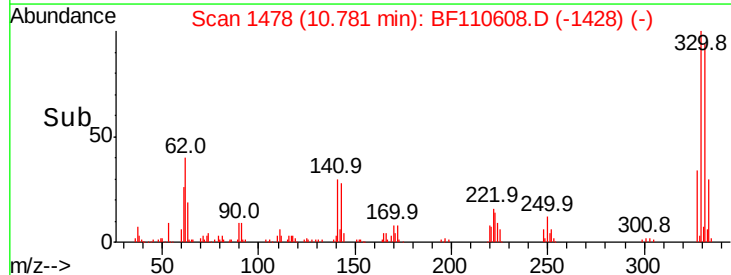
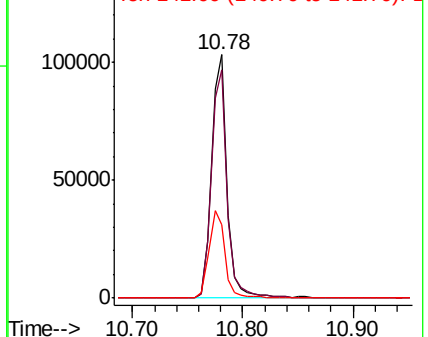
141 36.8 27.0 40.4

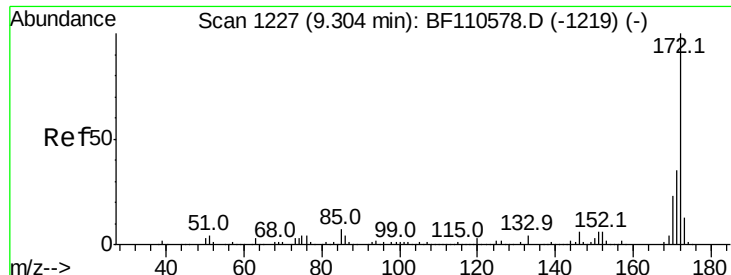


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

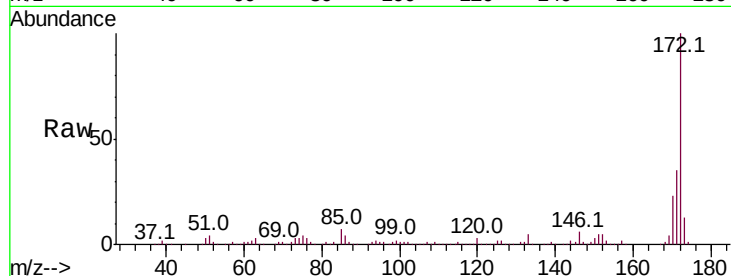




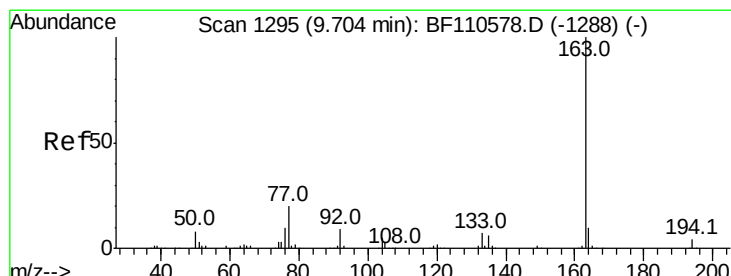
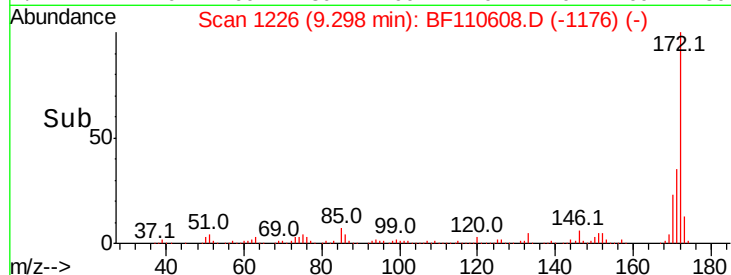
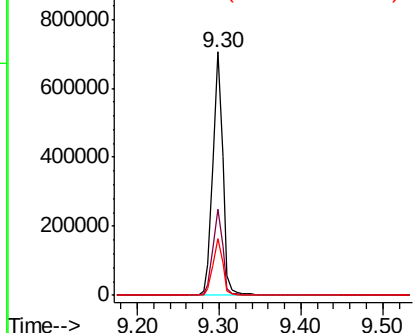
#45
2-Fluorobiphenyl
Concen: 71.544 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110608.D
Acq: 9 Nov 2018 1:50

Instrument :
BNA_F
ClientSampleId :
B-24(0-10)

Tot Ion:172 Resp: 600951
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.4 19.7 29.5

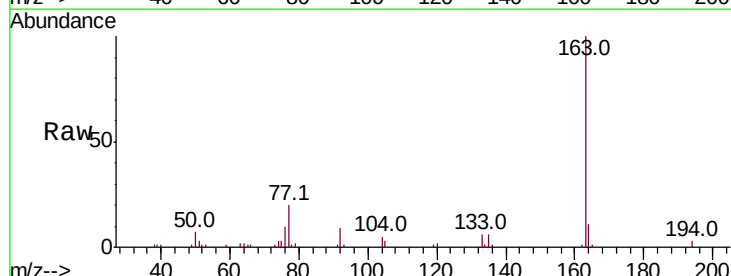


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

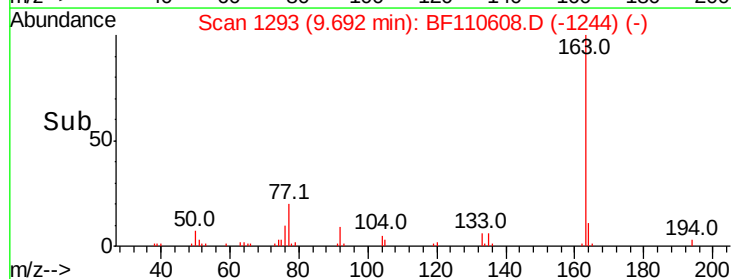
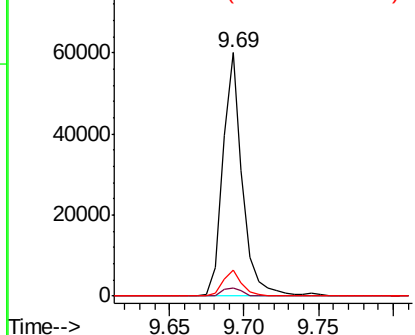


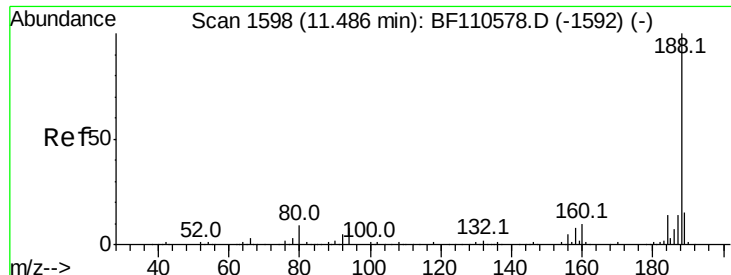
#50
Dimethylphthalate
Concen: 6.194 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110608.D
Acq: 9 Nov 2018 1:50

Tgt Ion:163 Resp: 55446
Ion Ratio Lower Upper
163 100
194 3.4 3.2 4.8
164 10.7 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF110608.D

Acq: 9 Nov 2018 1:50

Instrument :

BNA_F

ClientSampleId :

B-24(0-10)

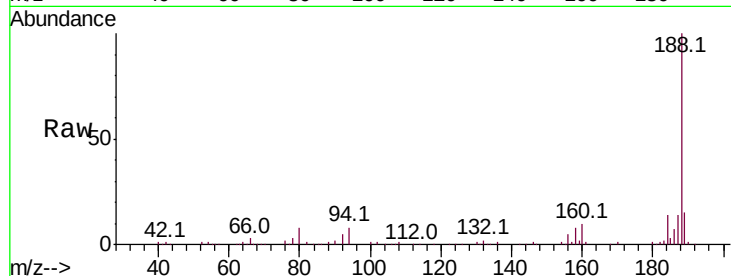
Tot Ion:188 Resp: 181025

Ion Ratio Lower Upper

188 100

94 8.4 7.2 10.8

80 8.4 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

250000

200000

150000

100000

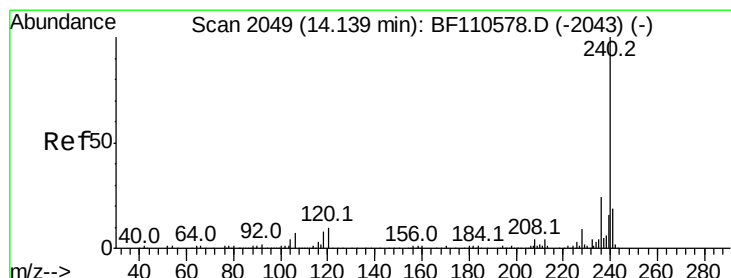
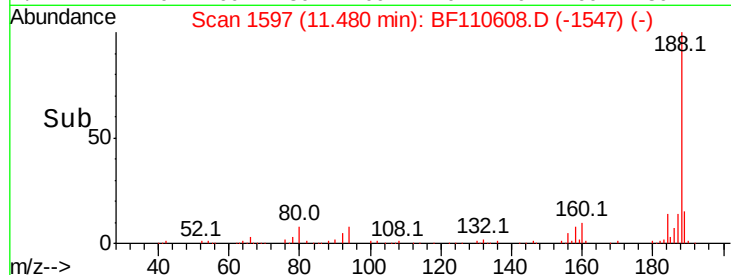
50000

0

11.48

11.40 11.50 11.60

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2047

Delta R.T. -0.01 min

Lab File: BF110608.D

Acq: 9 Nov 2018 1:50

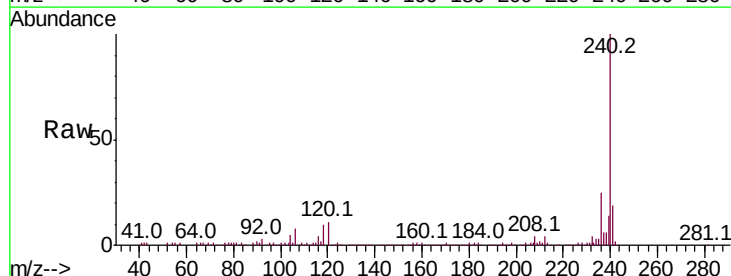
Tgt Ion:240 Resp: 153091

Ion Ratio Lower Upper

240 100

120 11.5 8.3 12.5

236 25.4 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

250000

200000

150000

100000

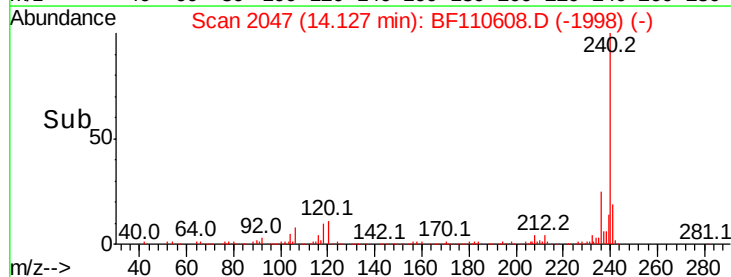
50000

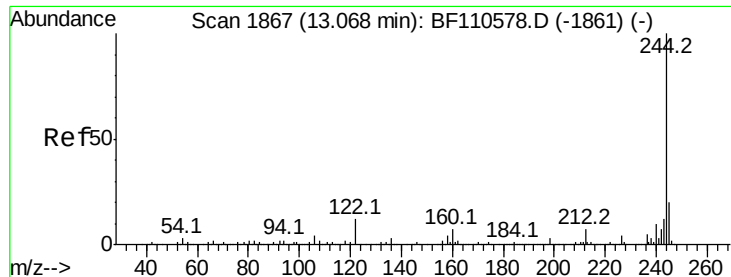
0

14.13

14.10 14.15 14.20

Time-->





#79

Terphenyl-d14

Concen: 49.855 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110608.D

Acq: 9 Nov 2018 1:50

Instrument :

BNA_F

ClientSampleId :

B-24(0-10)

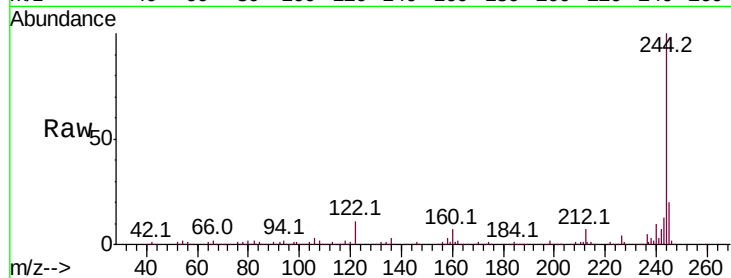
Tot Ion:244 Resp: 407546

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

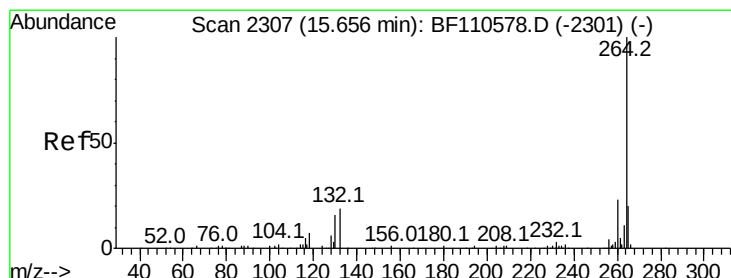
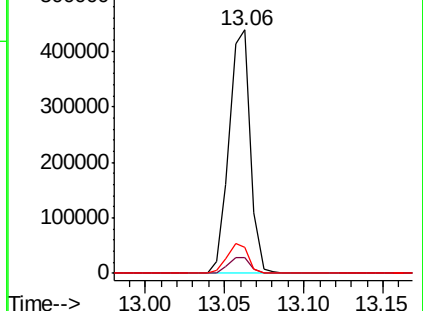
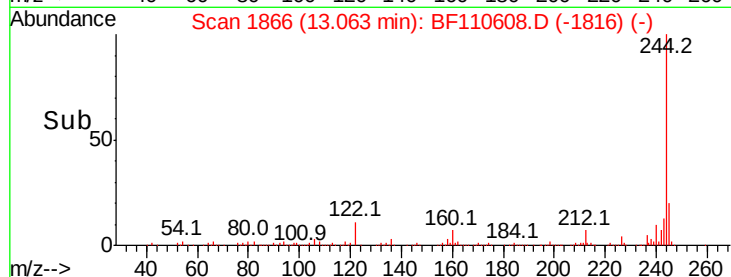
122 10.6 8.7 13.1



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

Perylene-d12

Concen: 20.000 ng

RT: 15.65 min Scan# 2306

Delta R.T. -0.01 min

Lab File: BF110608.D

Acq: 9 Nov 2018 1:50

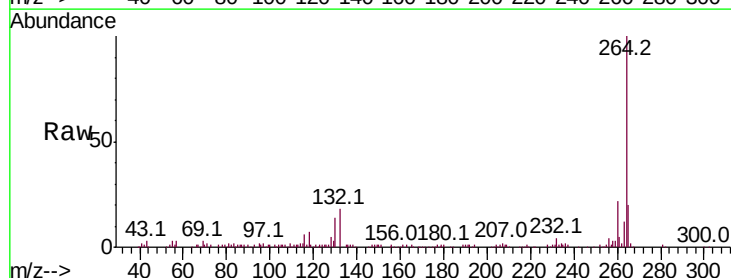
Tgt Ion:264 Resp: 118767

Ion Ratio Lower Upper

264 100

260 22.0 18.7 28.1

265 20.3 16.7 25.1



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

