

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
 Data File : BF110663.D
 Acq On : 10 Nov 2018 8:02
 Operator : JU/SJ
 Sample : J5881-14
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110718-DBRI-E-U-B

Quant Time: Nov 11 04:24:28 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

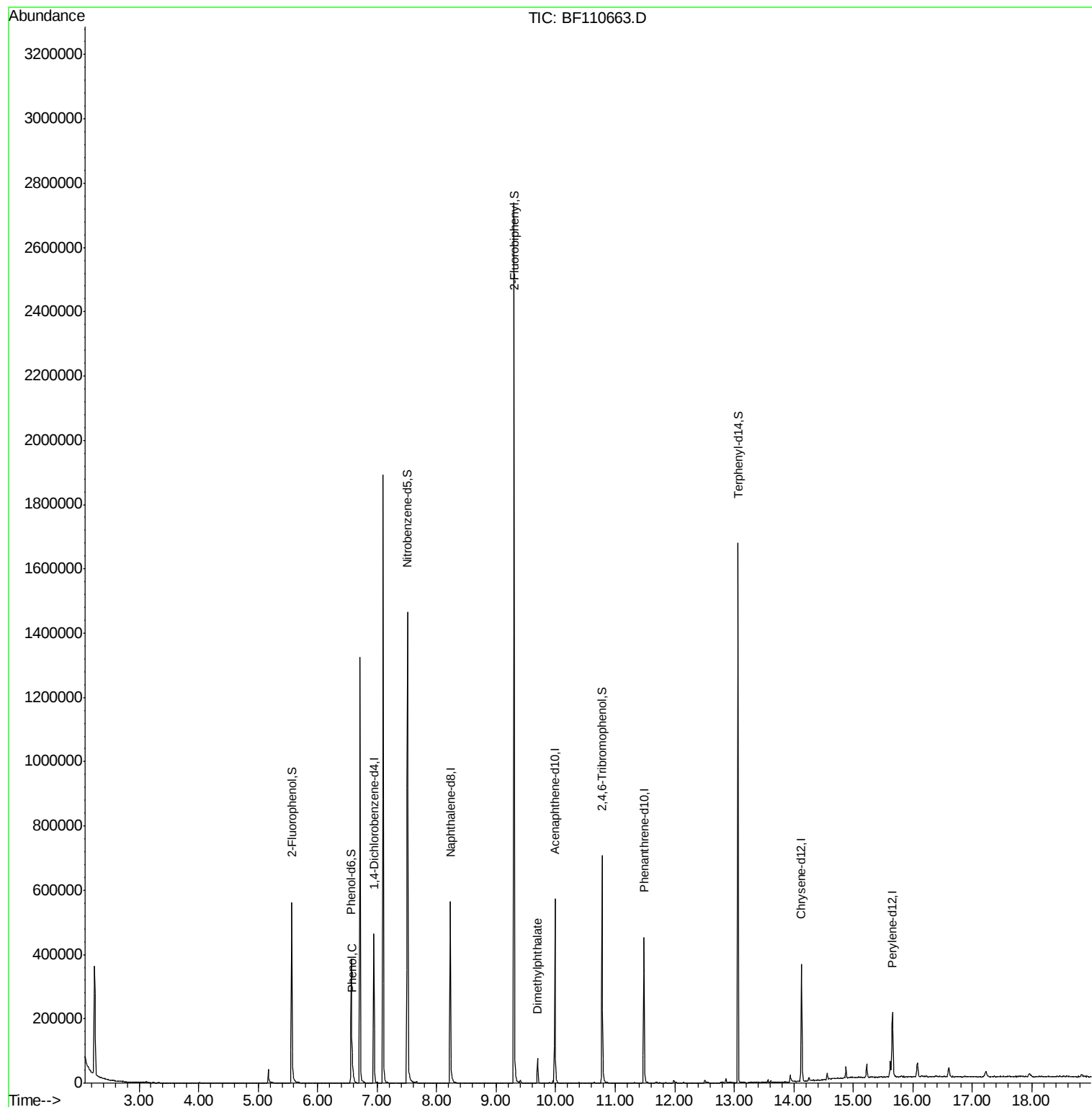
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	72241	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	294235	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	119455	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	186739	20.00	ng	0.00
76) Chrysene-d12	14.13	240	136960	20.00	ng	-0.01
87) Perylene-d12	15.66	264	101000	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	175586	39.48	ng	0.00
7) Phenol-d6	6.56	99	133494	23.47	ng	-0.01
23) Nitrobenzene-d5	7.51	82	493019	96.50	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	89354	74.24	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	899741	107.57	ng	0.00
79) Terphenyl-d14	13.06	244	537823	73.54	ng	0.00
Target Compounds						
10) Phenol	6.58	94	25625	3.886	ng	Qvalue # 67
50) Dimethylphthalate	9.69	163	34480	3.868	ng	99

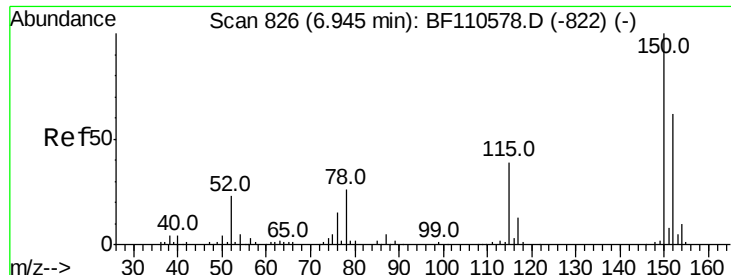
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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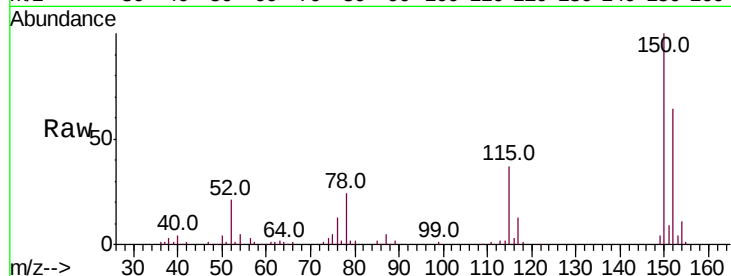


#1

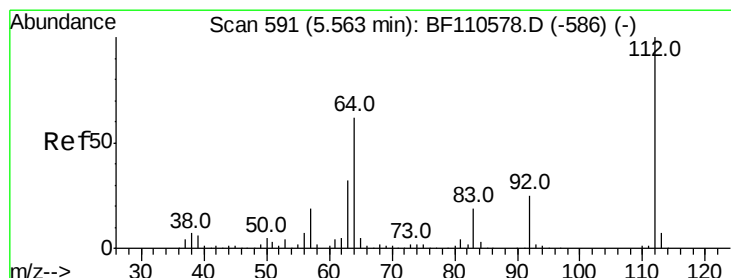
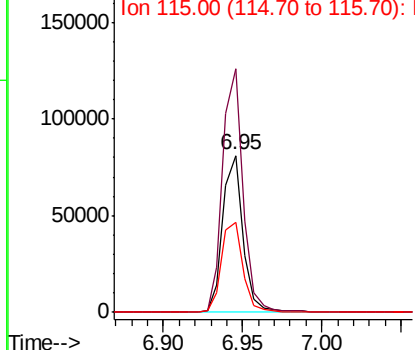
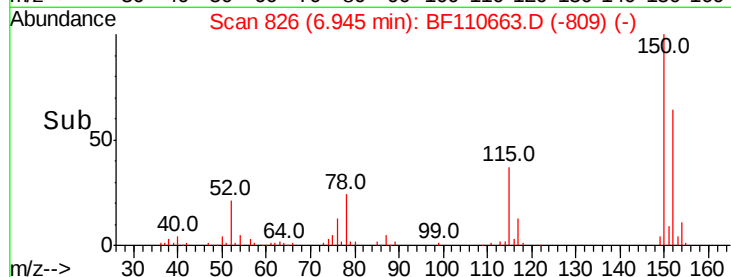
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110663.D
Acq: 10 Nov 2018 8:02

Instrument :
BNA_F
ClientSampleId :
110718-DBRI-E-U-B

Tot Ion:152 Resp: 72241
Ion Ratio Lower Upper
152 100
150 155.1 122.7 184.1
115 57.5 49.1 73.7



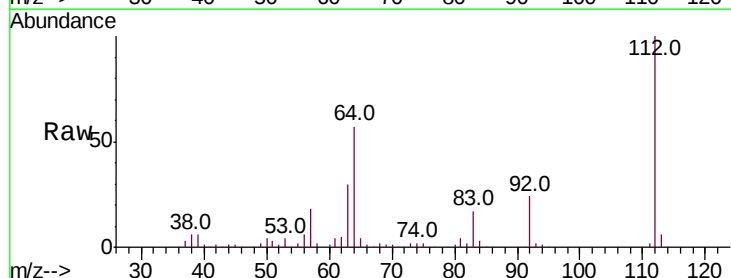
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



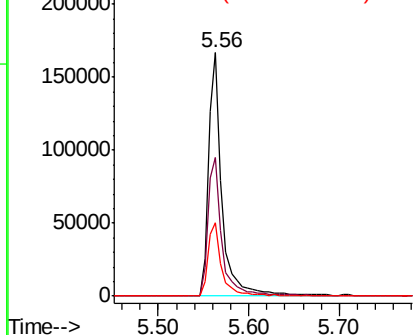
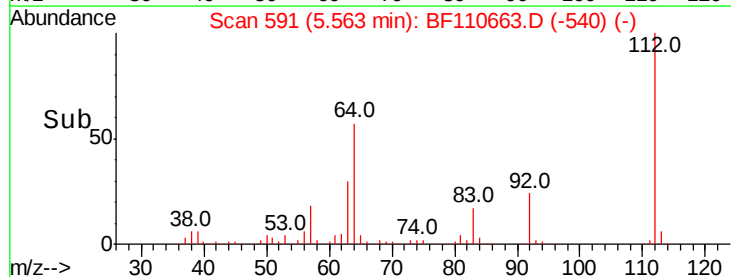
#5

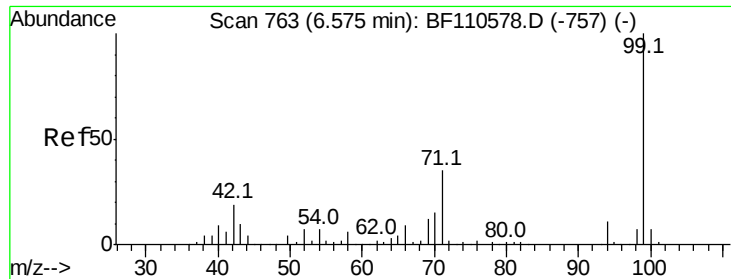
2-Fluorophenol
Concen: 39.480 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110663.D
Acq: 10 Nov 2018 8:02

Tgt Ion:112 Resp: 175586
Ion Ratio Lower Upper
112 100
64 56.9 44.1 66.1
63 30.3 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: 23.473 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110663.D

Acq: 10 Nov 2018 8:02

Instrument :

BNA_F

ClientSampleId :

110718-DBRI-E-U-B

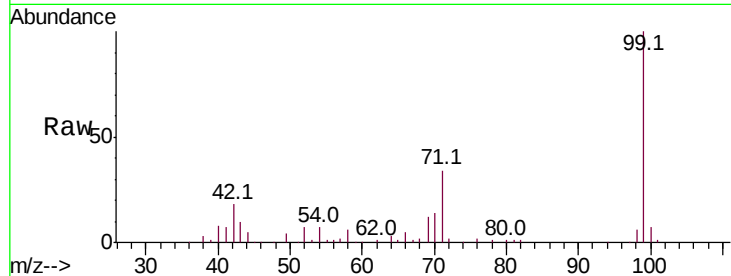
Tot Ion: 99 Resp: 133494

Ion Ratio Lower Upper

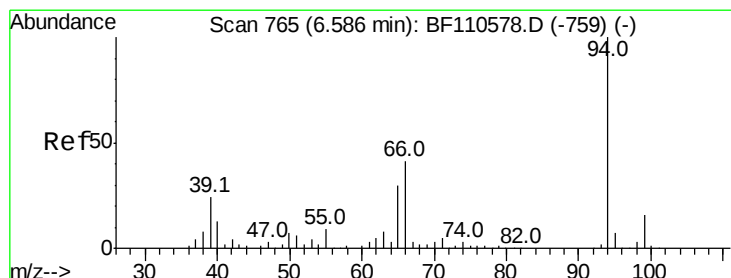
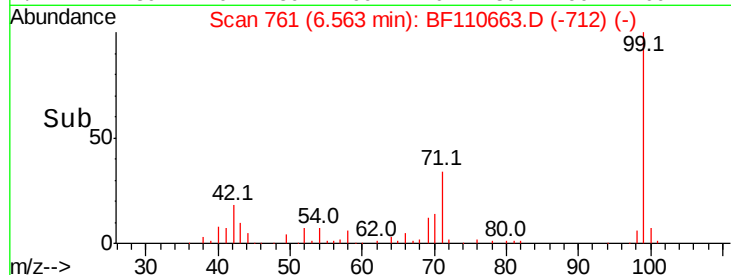
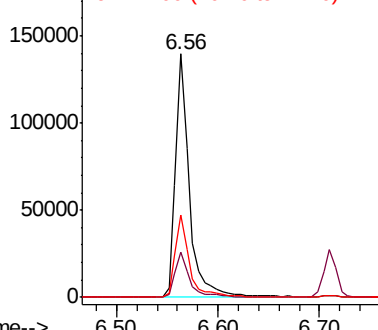
99 100

42 18.3 15.8 23.6

71 33.7 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: 3.886 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110663.D

Acq: 10 Nov 2018 8:02

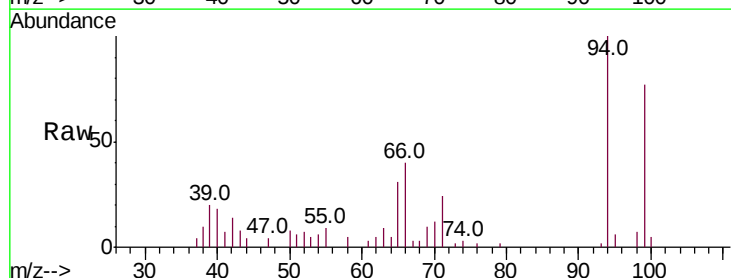
Tgt Ion: 94 Resp: 25625

Ion Ratio Lower Upper

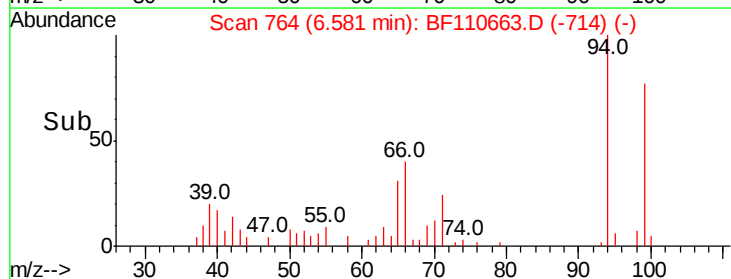
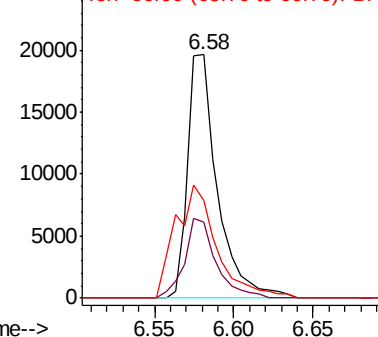
94 100

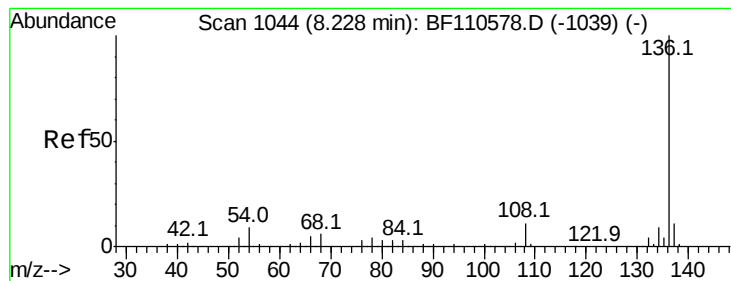
65 31.2 25.3 65.3

66 39.9 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: BF110663.D

Acq: 10 Nov 2018 8:02

Instrument :

BNA_F

ClientSampleId :

110718-DBRI-E-U-B

Tot Ion:136 Resp: 294235

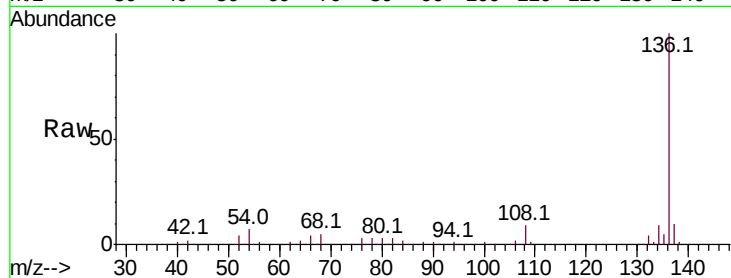
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 7.3 5.4 8.2

68 4.7 4.2 6.2

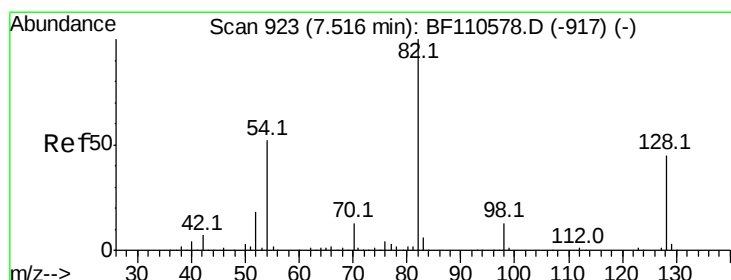
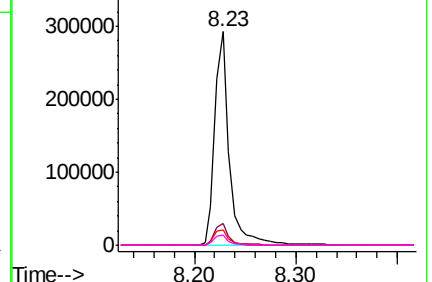
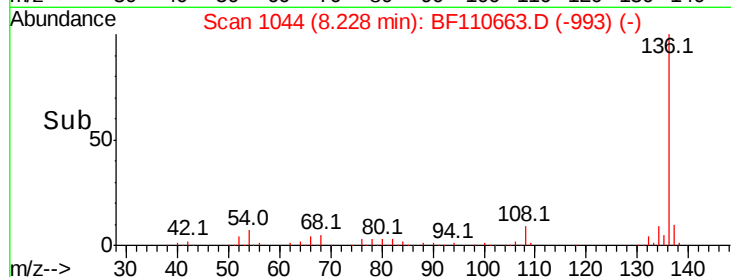


Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.497 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF110663.D

Acq: 10 Nov 2018 8:02

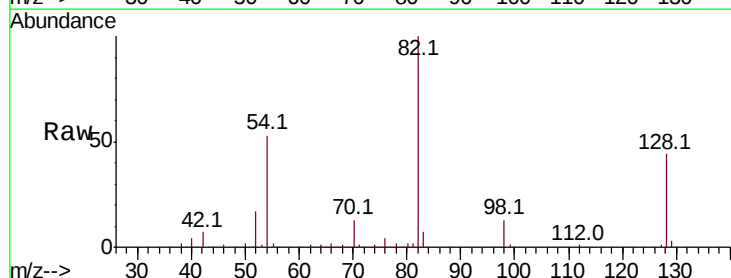
Tgt Ion: 82 Resp: 493019

Ion Ratio Lower Upper

82 100

128 44.3 34.2 51.2

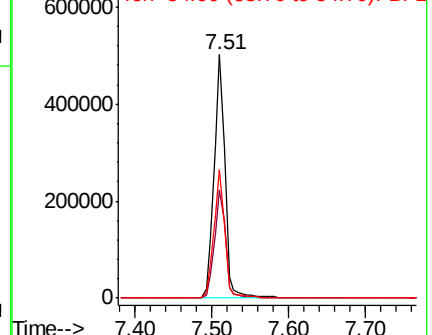
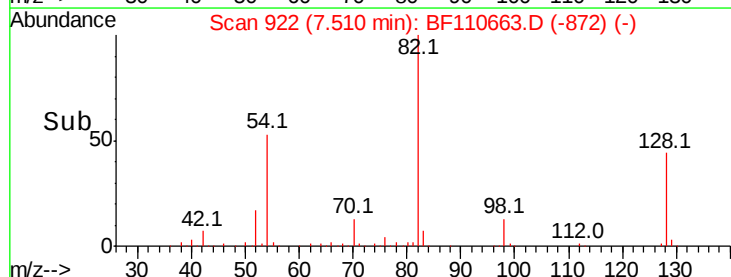
54 52.7 38.6 58.0

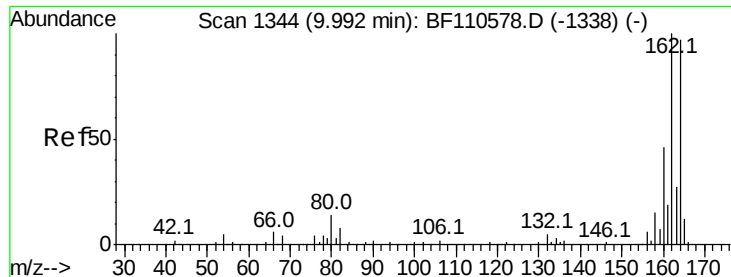


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

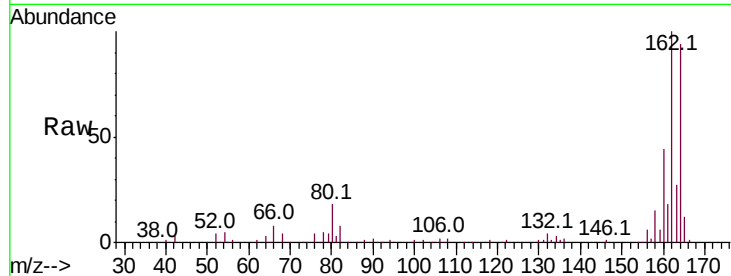




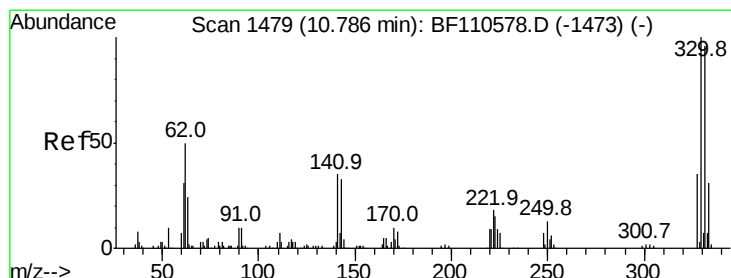
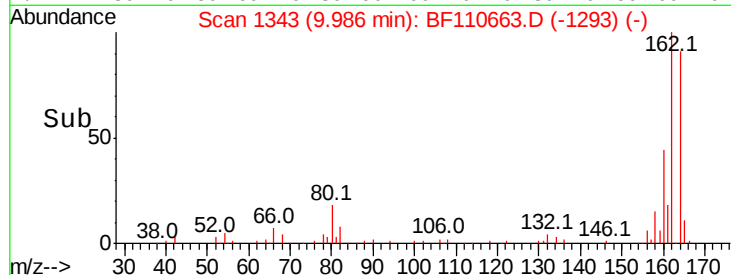
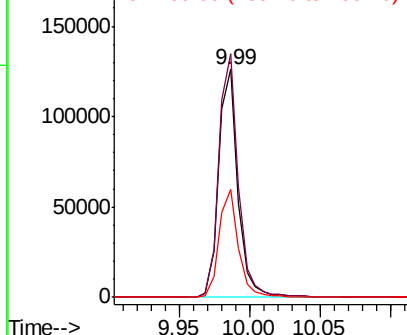
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110663.D
Acq: 10 Nov 2018 8:02

Instrument :
BNA_F
ClientSampleId :
110718-DBRI-E-U-B

Tot Ion:164 Resp: 119455
Ion Ratio Lower Upper
164 100
162 106.8 83.0 124.6
160 47.2 37.0 55.6

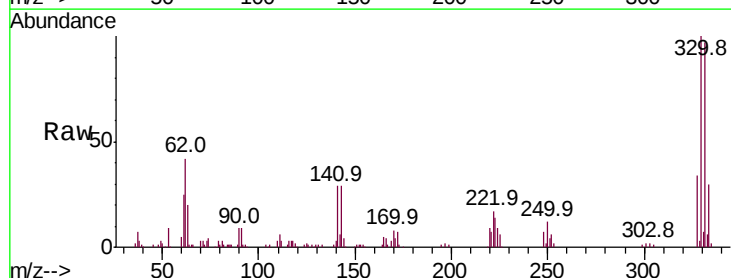


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

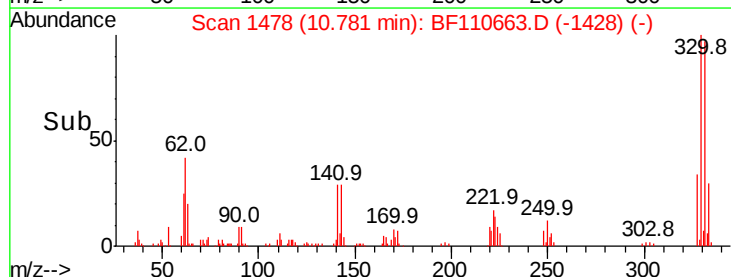
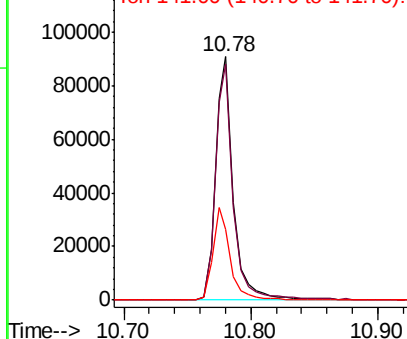


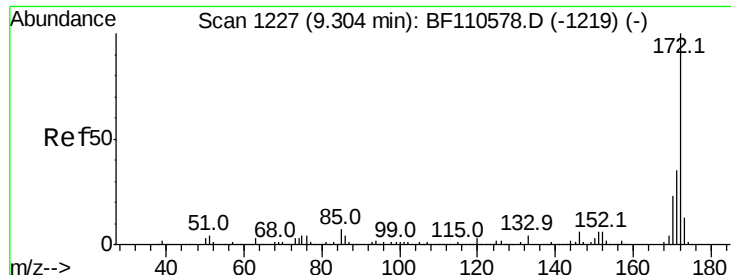
#42
2,4,6-Tribromophenol
Concen: 74.235 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110663.D
Acq: 10 Nov 2018 8:02

Tgt Ion:330 Resp: 89354
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 37.3 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

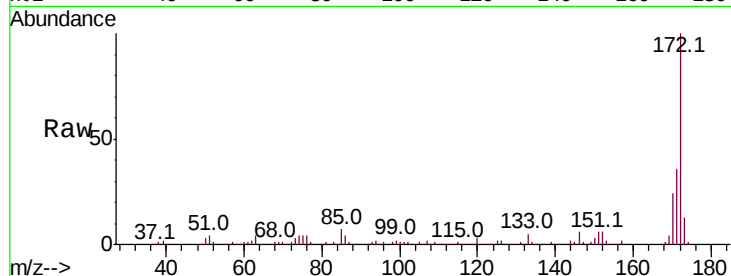




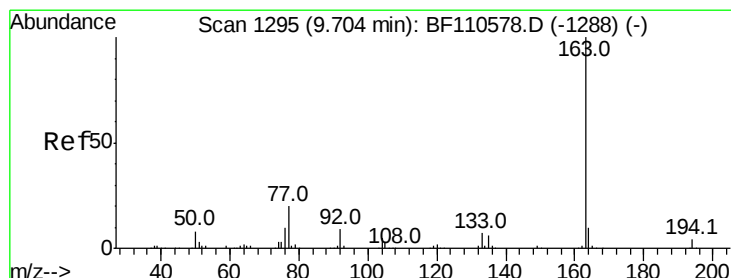
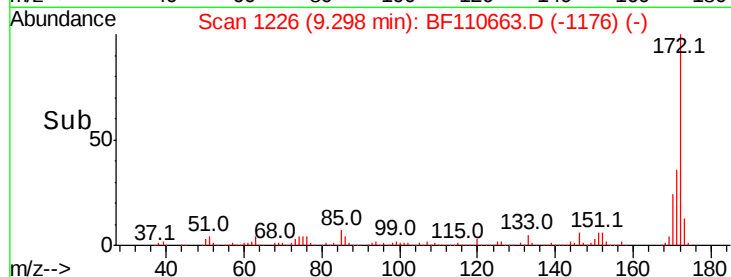
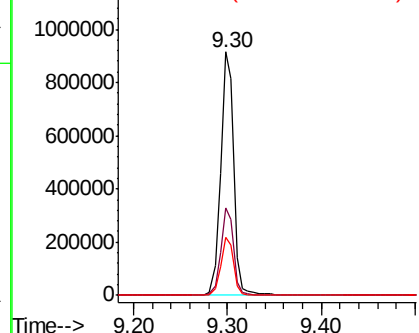
#45
 2-Fluorobiphenyl
 Concen: 107.571 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110663.D
 Acq: 10 Nov 2018 8:02

Instrument :
 BNA_F
 ClientSampleId :
 110718-DBRI-E-U-B

Tot Ion:172 Resp: 899741
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 43.0
 170 23.8 19.7 29.5

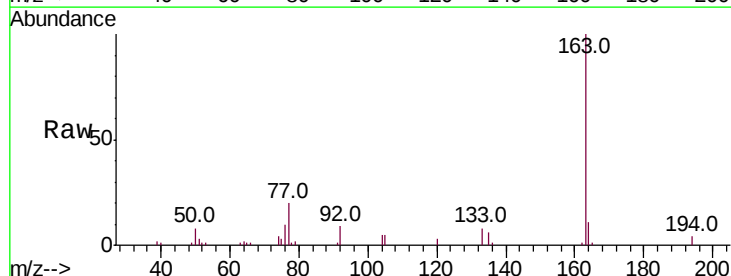


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

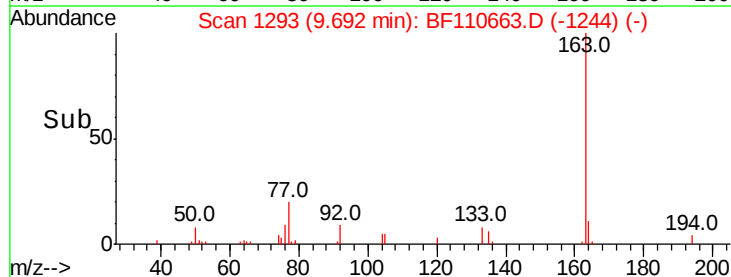
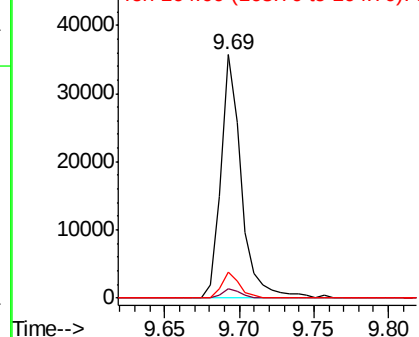


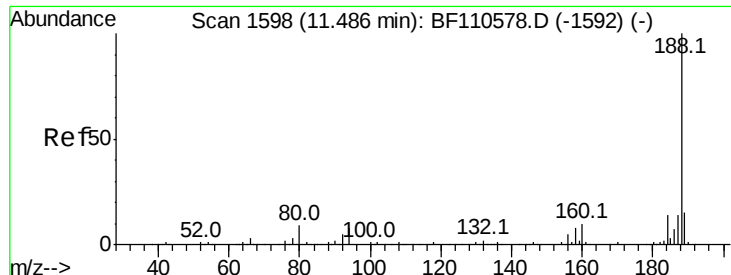
#50
 Dimethylphthalate
 Concen: 3.868 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF110663.D
 Acq: 10 Nov 2018 8:02

Tgt Ion:163 Resp: 34480
 Ion Ratio Lower Upper
 163 100
 194 4.0 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: BF110663.D

Acq: 10 Nov 2018 8:02

Instrument :

BNA_F

ClientSampleId :

110718-DBRI-E-U-B

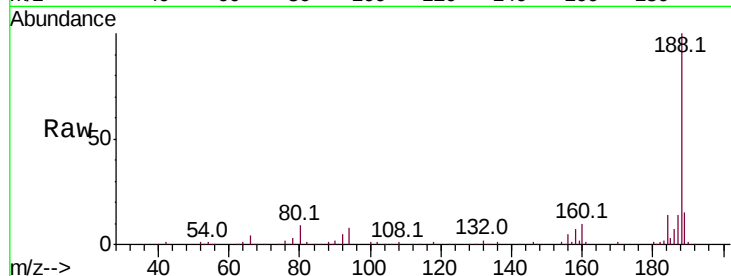
Tot Ion:188 Resp: 186739

Ion Ratio Lower Upper

188 100

94 8.3 7.2 10.8

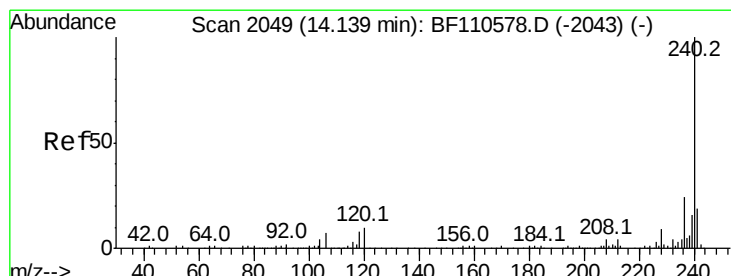
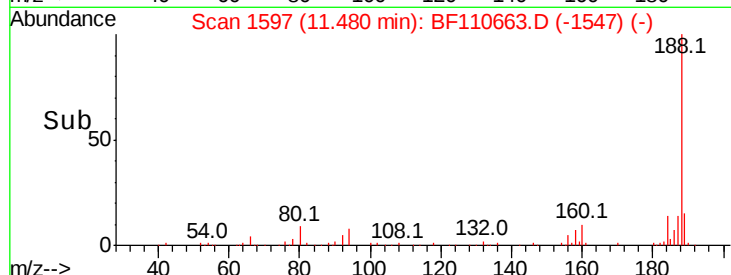
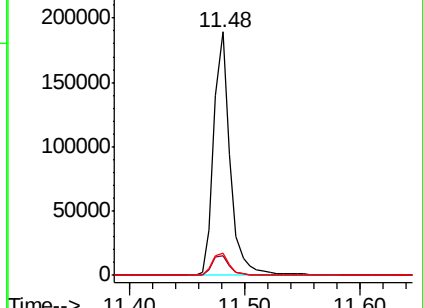
80 9.3 7.9 11.9



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: BF110663.D

Acq: 10 Nov 2018 8:02

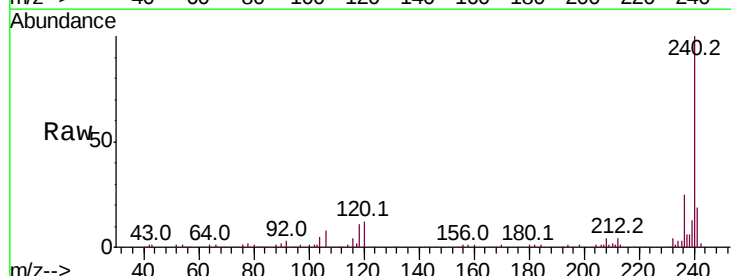
Tgt Ion:240 Resp: 136960

Ion Ratio Lower Upper

240 100

120 12.3 8.3 12.5

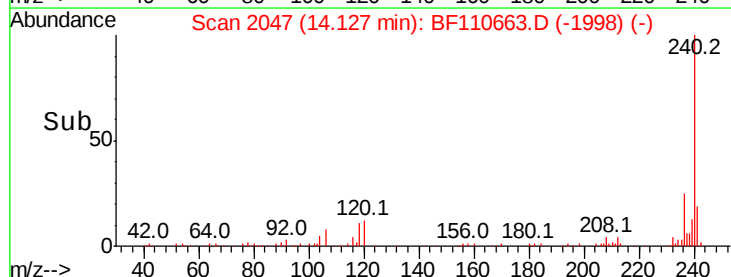
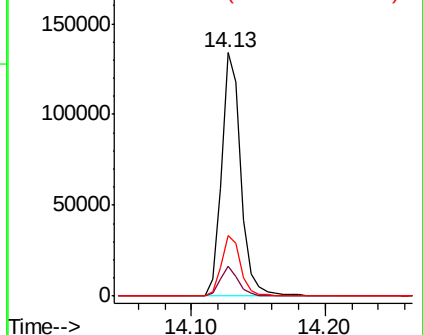
236 24.9 21.2 31.8

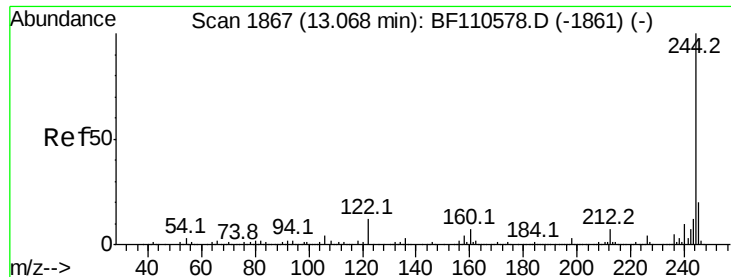


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 73.541 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110663.D

Acq: 10 Nov 2018 8:02

Instrument :

BNA_F

ClientSampleId :

110718-DBRI-E-U-B

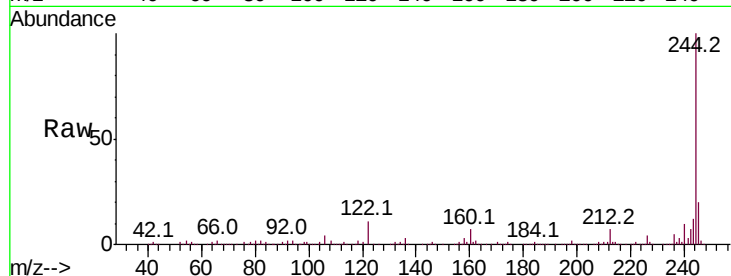
Tot Ion:244 Resp: 537823

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

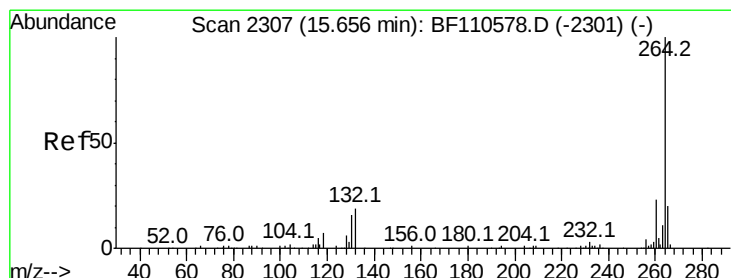
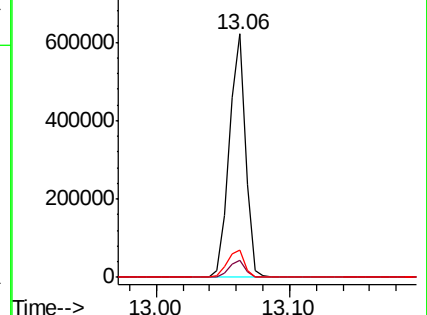
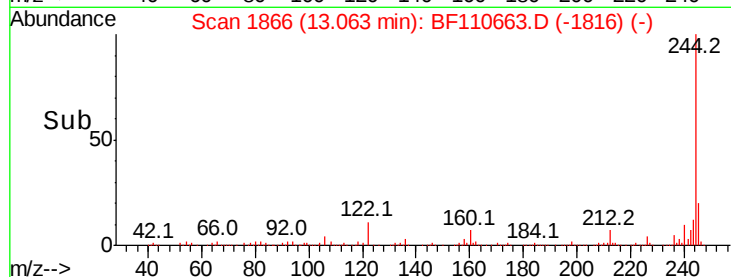
122 11.4 8.7 13.1



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: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110663.D

Acq: 10 Nov 2018 8:02

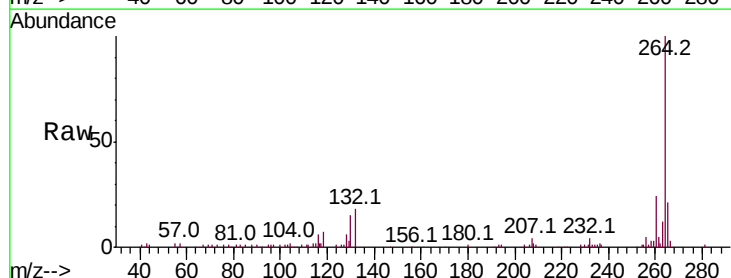
Tgt Ion:264 Resp: 101000

Ion Ratio Lower Upper

264 100

260 24.1 18.7 28.1

265 21.4 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

