

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
 Data File : BF110662.D
 Acq On : 10 Nov 2018 7:35
 Operator : JU/SJ
 Sample : J5881-13
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110718-DBRI-E-D-S

Quant Time: Nov 11 04:23:36 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

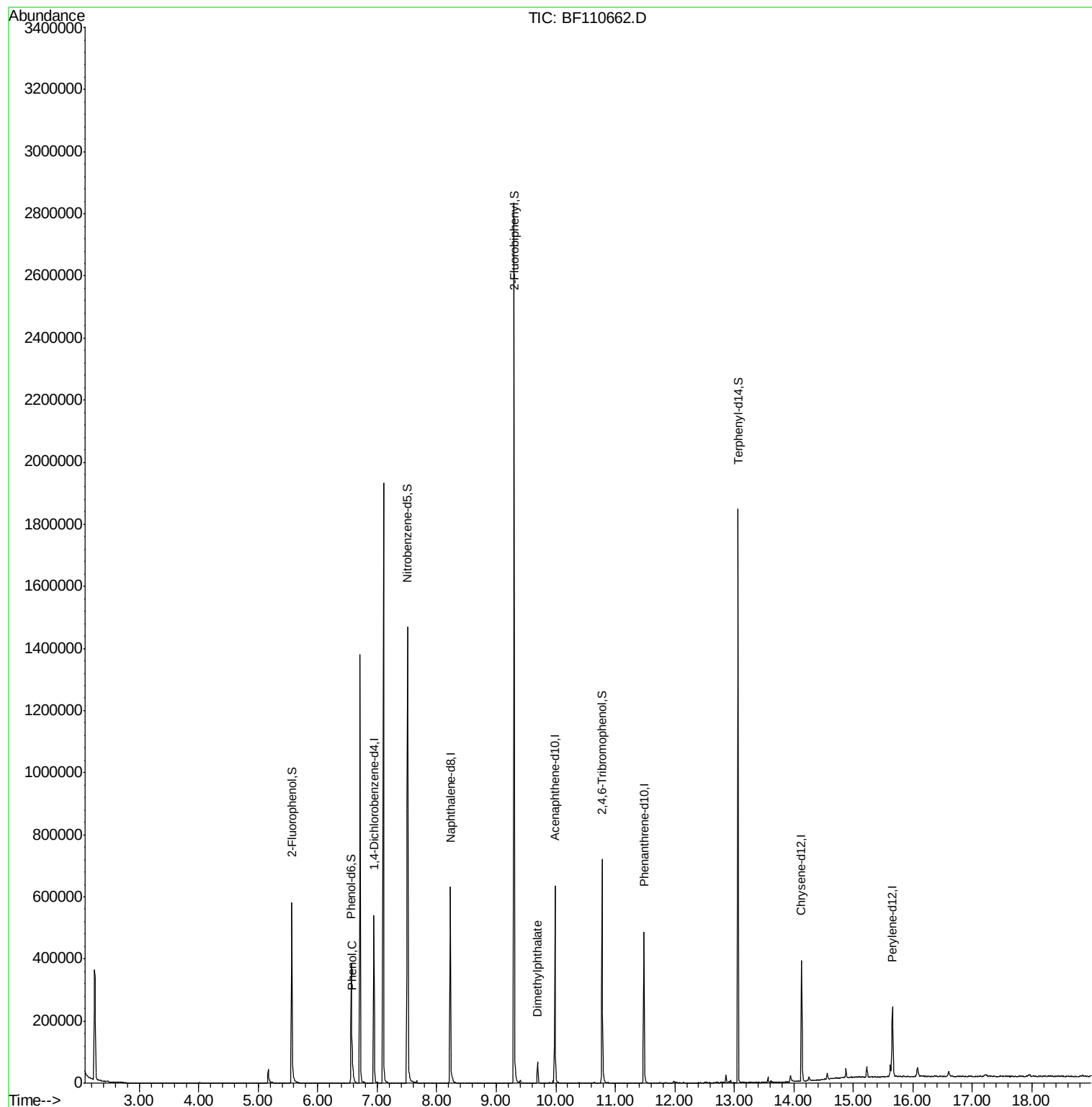
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	77812	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	316394	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	133052	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	200007	20.00	ng	0.00
76) Chrysene-d12	14.13	240	149947	20.00	ng	-0.01
87) Perylene-d12	15.66	264	111802	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	179151	37.40	ng	0.00
7) Phenol-d6	6.56	99	135119	22.06	ng	-0.01
23) Nitrobenzene-d5	7.51	82	528395	96.18	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	91874	68.53	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	950133	101.99	ng	0.00
79) Terphenyl-d14	13.06	244	578269	72.22	ng	0.00
Target Compounds						
10) Phenol	6.58	94	29459	4.147	ng	Qvalue # 70
50) Dimethylphthalate	9.69	163	33285	3.353	ng	99

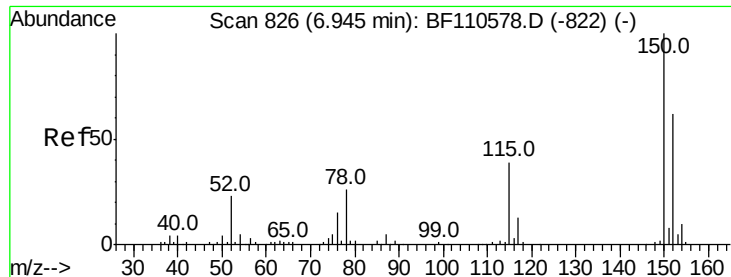
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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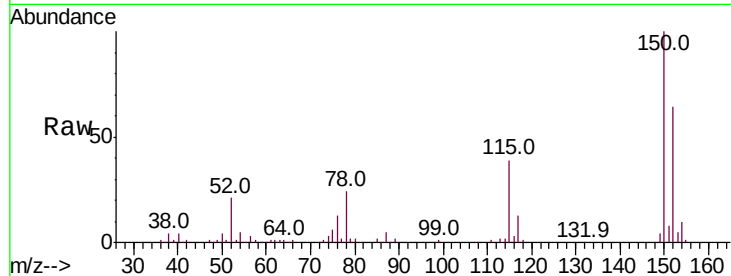


#1

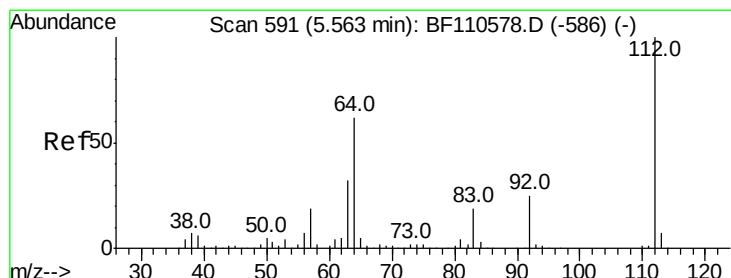
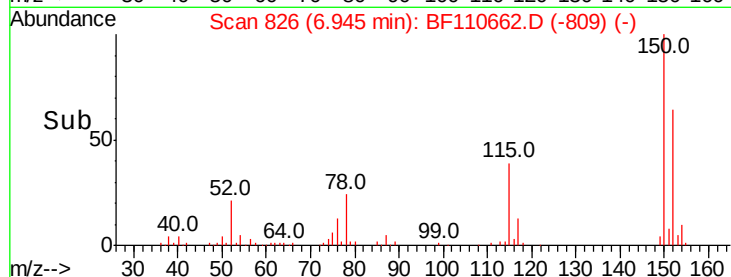
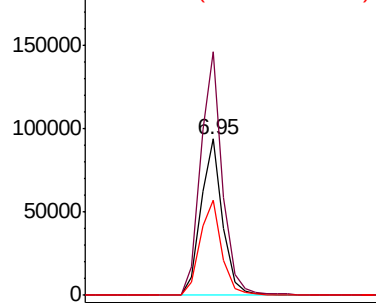
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110662.D
Acq: 10 Nov 2018 7:35

Instrument :
BNA_F
ClientSampleId :
110718-DBRI-E-D-S

Tot Ion:152 Resp: 77812
Ion Ratio Lower Upper
152 100
150 155.7 122.7 184.1
115 60.9 49.1 73.7



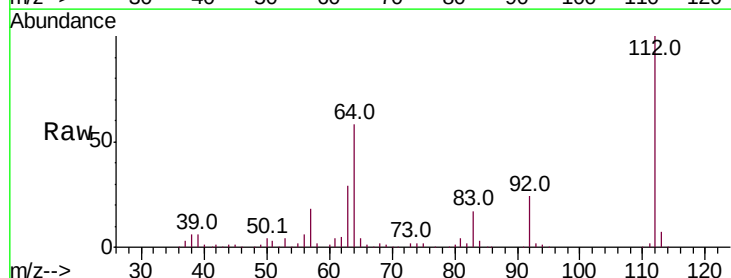
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



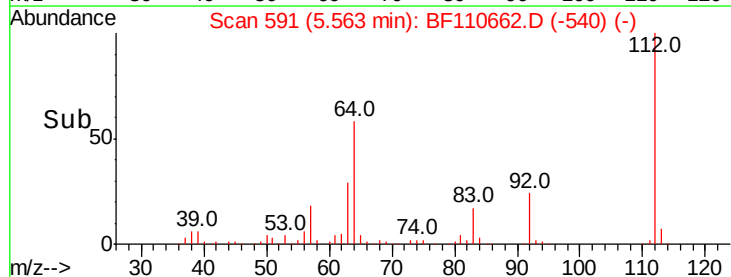
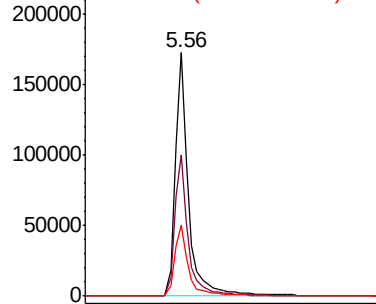
#5

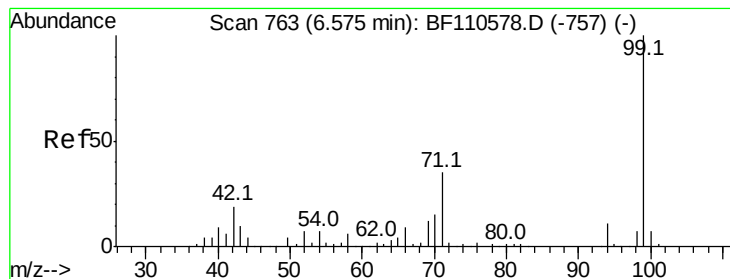
2-Fluorophenol
Concen: 37.398 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110662.D
Acq: 10 Nov 2018 7:35

Tgt Ion:112 Resp: 179151
Ion Ratio Lower Upper
112 100
64 57.9 44.1 66.1
63 29.3 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: 22.057 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110662.D

Acq: 10 Nov 2018 7:35

Instrument :

BNA_F

ClientSampleId :

110718-DBRI-E-D-S

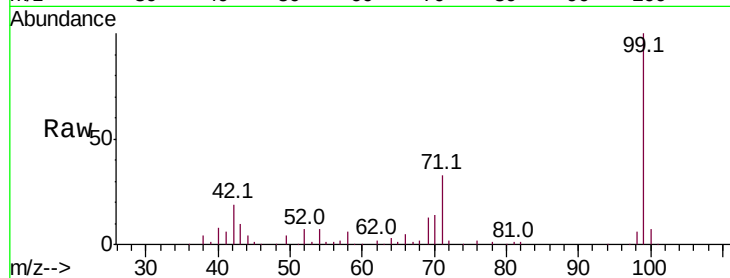
Tot Ion: 99 Resp: 135119

Ion Ratio Lower Upper

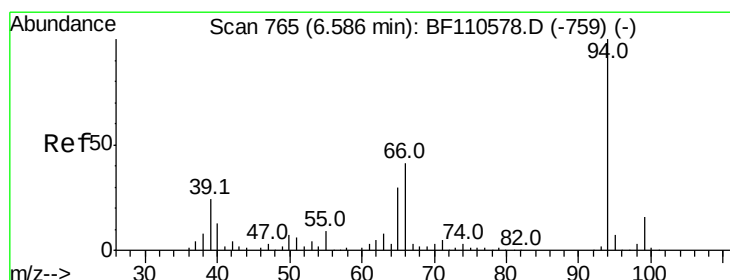
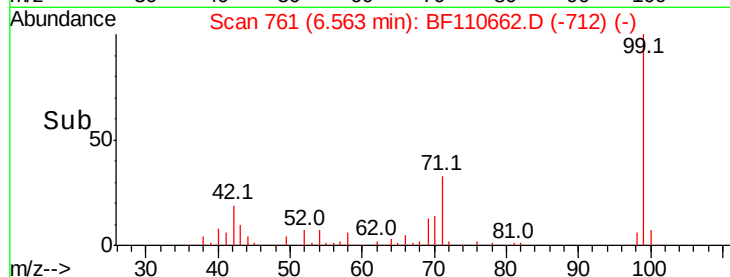
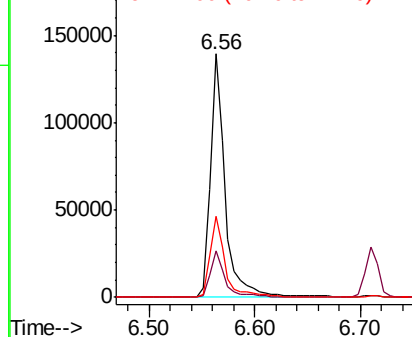
99 100

42 19.1 15.8 23.6

71 33.1 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: 4.147 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110662.D

Acq: 10 Nov 2018 7:35

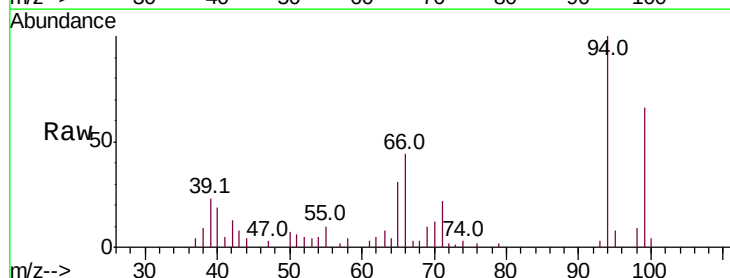
Tgt Ion: 94 Resp: 29459

Ion Ratio Lower Upper

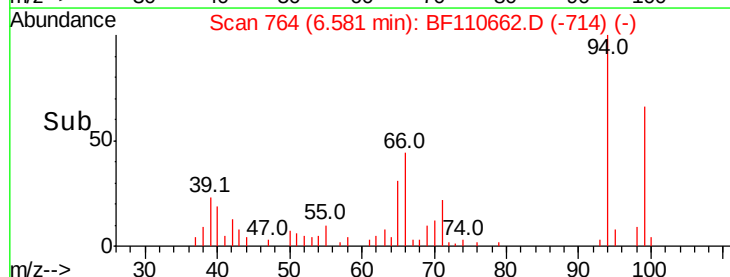
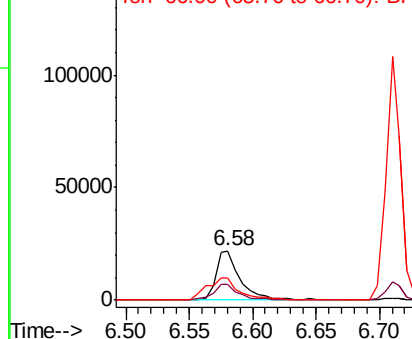
94 100

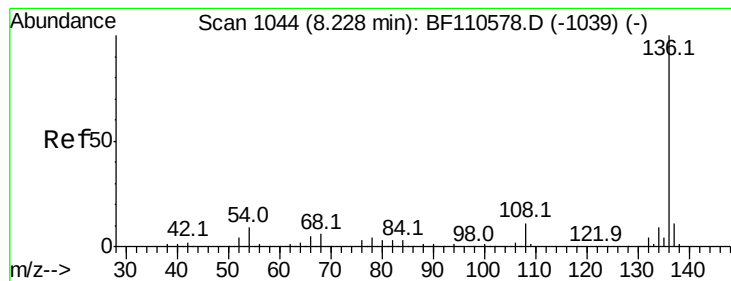
65 31.5 25.3 65.3

66 44.0 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: BF110662.D

Acq: 10 Nov 2018 7:35

Instrument :

BNA_F

ClientSampleId :

110718-DBRI-E-D-S

Tot Ion:136 Resp: 316394

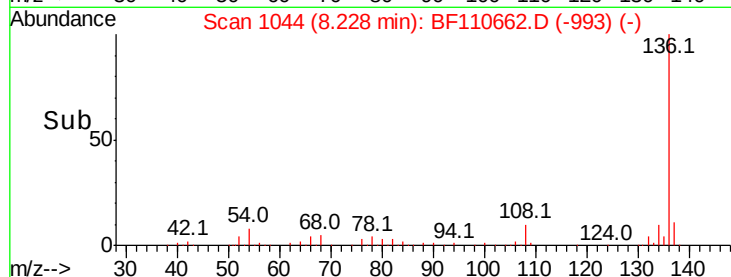
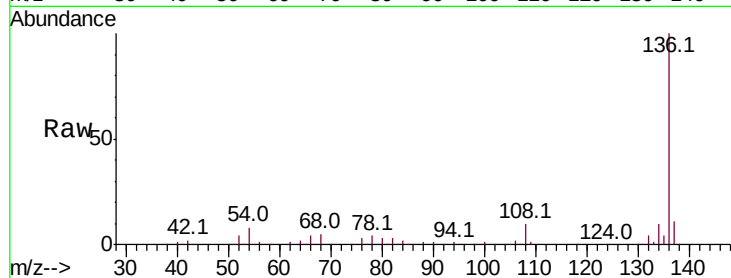
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 7.6 5.4 8.2

68 4.7 4.2 6.2

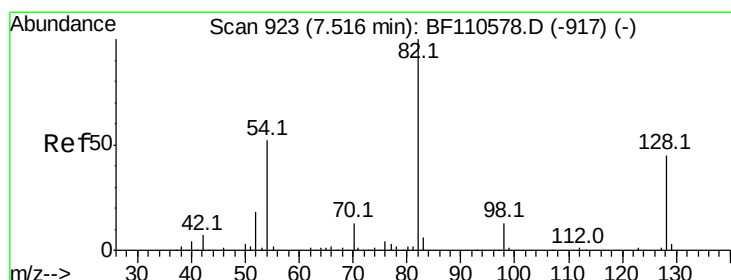
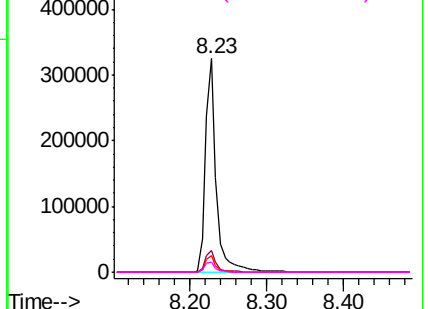


Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.178 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF110662.D

Acq: 10 Nov 2018 7:35

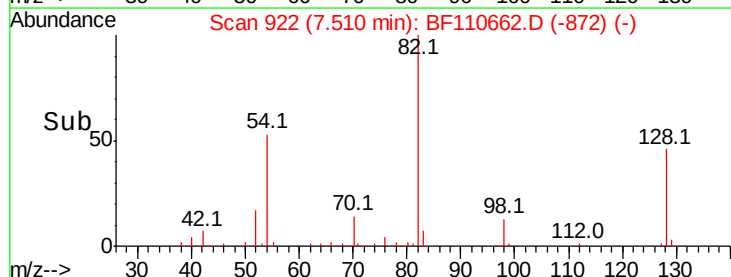
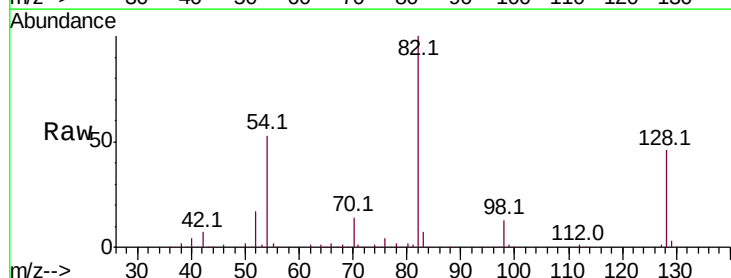
Tgt Ion: 82 Resp: 528395

Ion Ratio Lower Upper

82 100

128 45.6 34.2 51.2

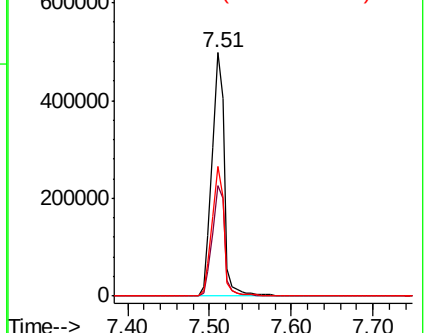
54 53.3 38.6 58.0

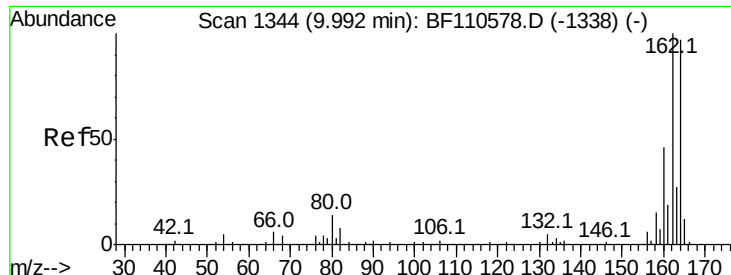


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

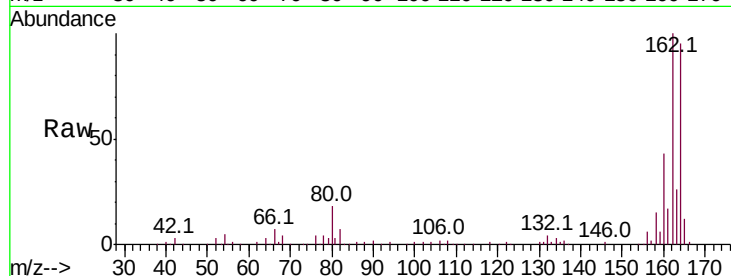




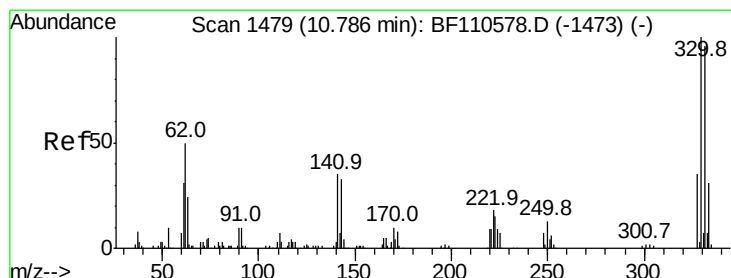
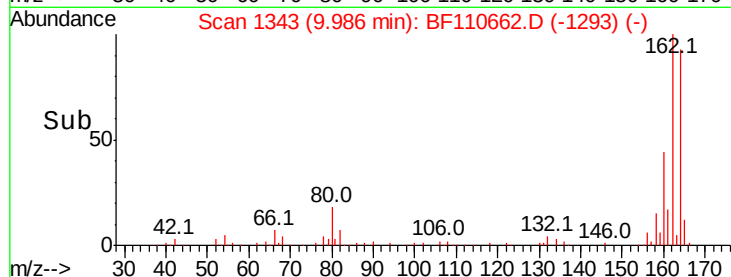
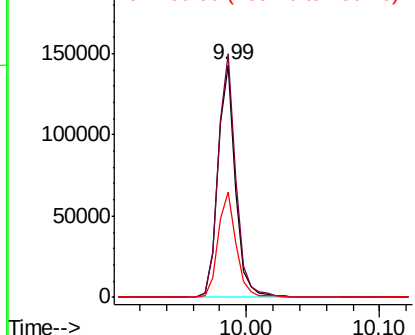
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110662.D
Acq: 10 Nov 2018 7:35

Instrument :
BNA_F
ClientSampleId :
110718-DBRI-E-D-S

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.9	83.0	124.6
160	45.6	37.0	55.6

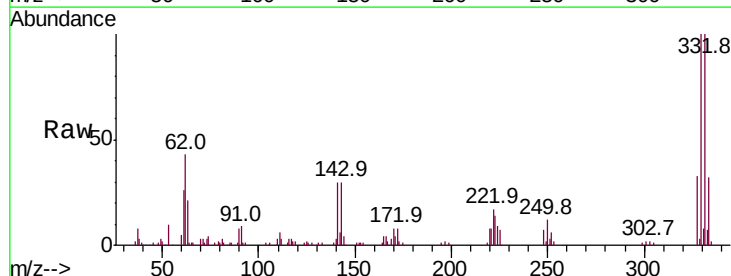


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

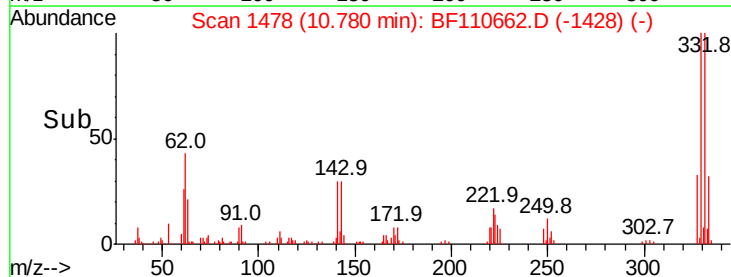
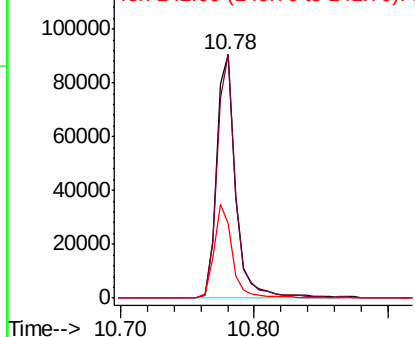


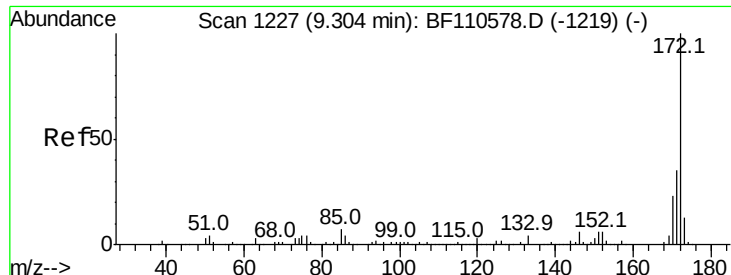
#42
2,4,6-Tribromophenol
Concen: 68.529 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110662.D
Acq: 10 Nov 2018 7:35

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	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

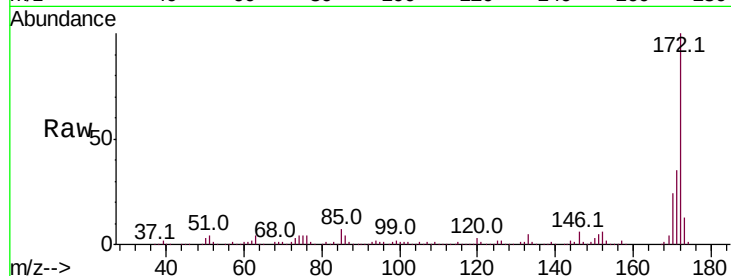




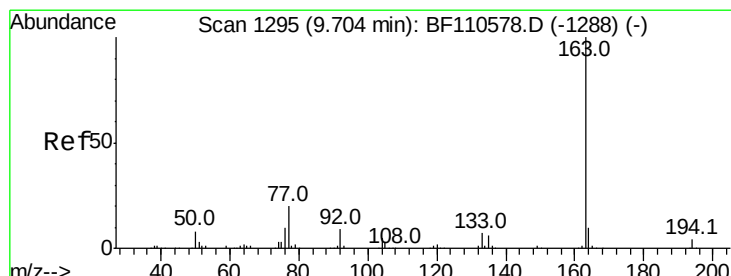
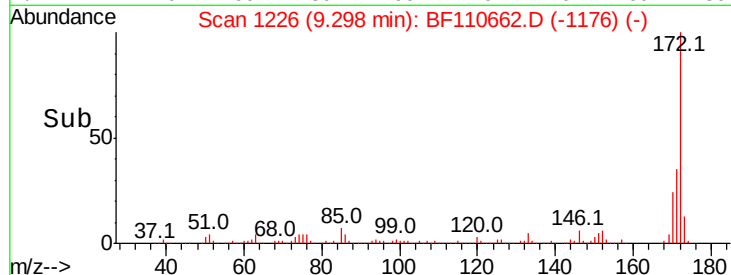
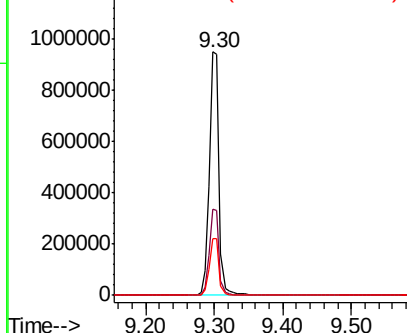
#45
2-Fluorobiphenyl
Concen: 101.987 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110662.D
Acq: 10 Nov 2018 7:35

Instrument :
BNA_F
ClientSampleId :
110718-DBRI-E-D-S

Tot Ion:172 Resp: 950133
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.5 19.7 29.5

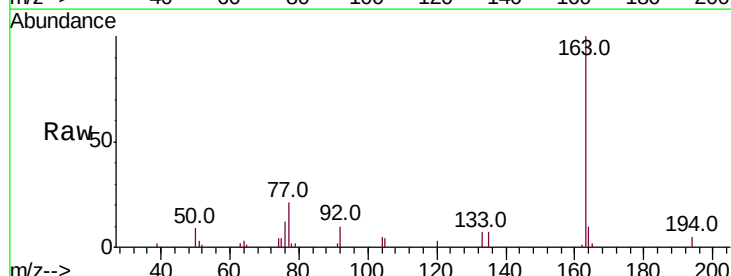


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

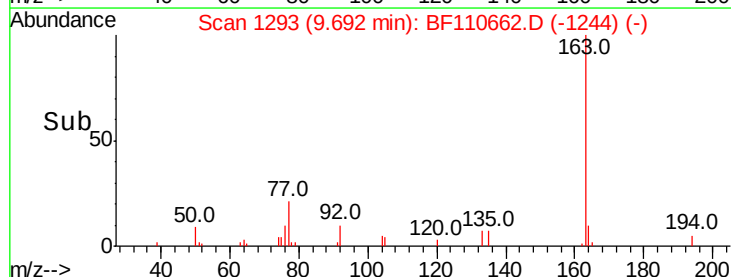
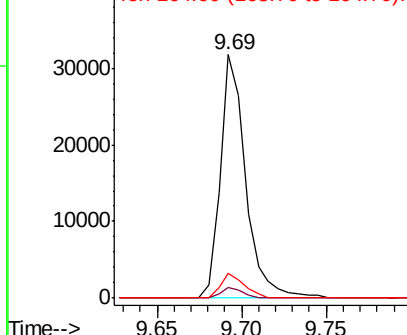


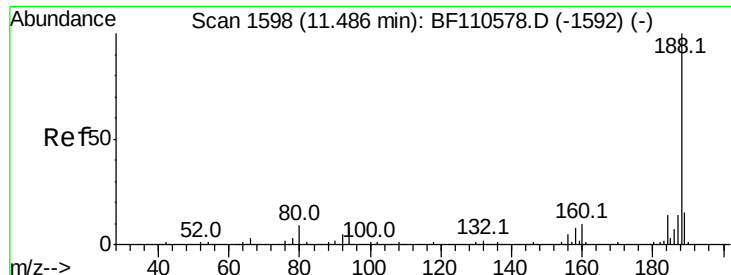
#50
Dimethylphthalate
Concen: 3.353 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110662.D
Acq: 10 Nov 2018 7:35

Tgt Ion:163 Resp: 33285
Ion Ratio Lower Upper
163 100
194 4.6 3.2 4.8
164 10.3 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: BF110662.D

Acq: 10 Nov 2018 7:35

Instrument :

BNA_F

ClientSampleId :

110718-DBRI-E-D-S

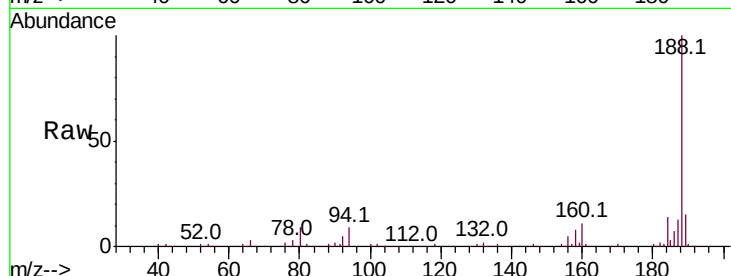
Tot Ion:188 Resp: 200007

Ion Ratio Lower Upper

188 100

94 8.5 7.2 10.8

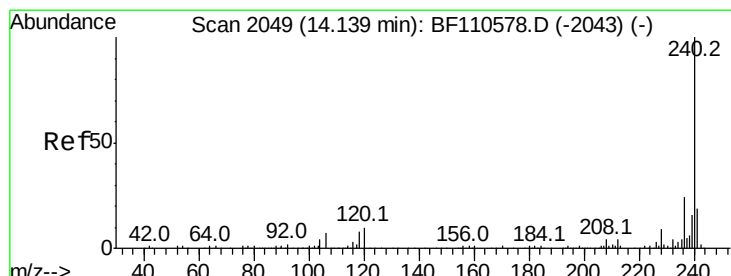
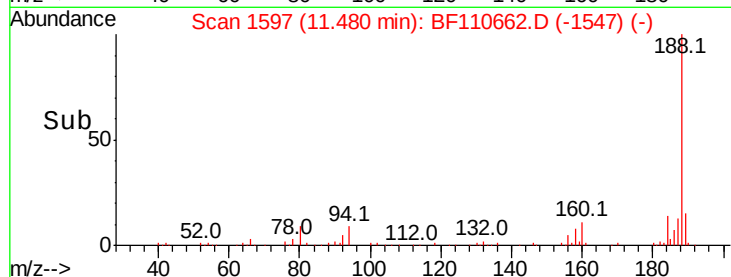
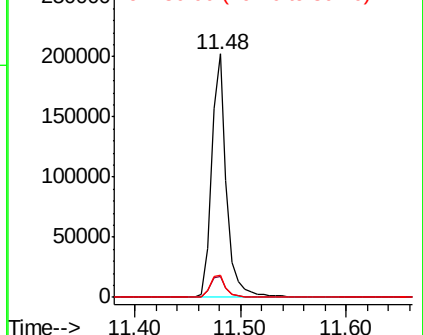
80 9.0 7.9 11.9



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: BF110662.D

Acq: 10 Nov 2018 7:35

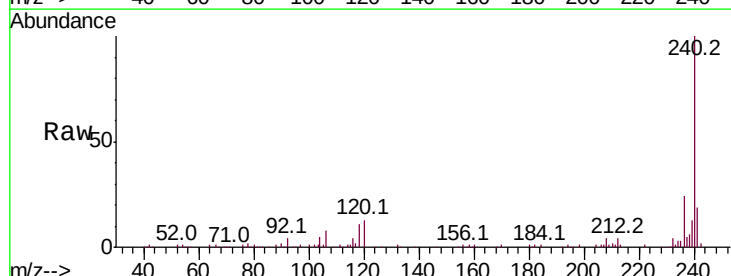
Tgt Ion:240 Resp: 149947

Ion Ratio Lower Upper

240 100

120 12.6 8.3 12.5#

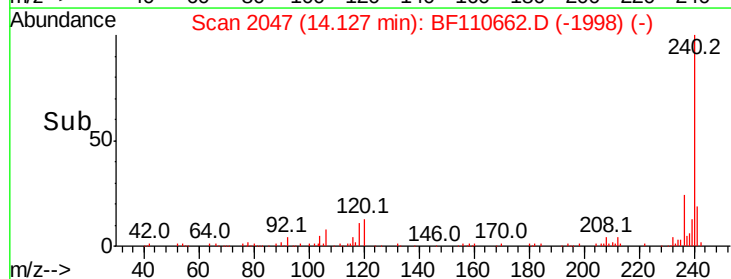
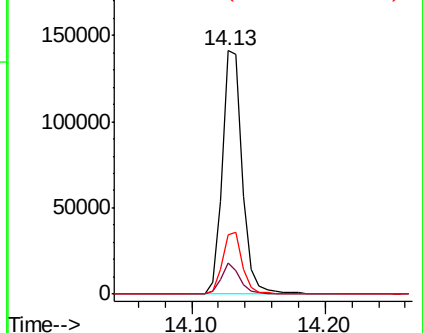
236 24.3 21.2 31.8

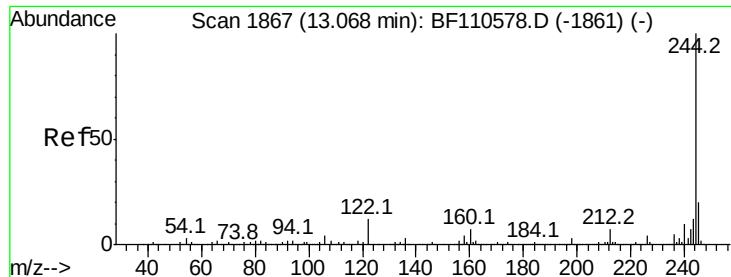


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 72.223 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110662.D

Acq: 10 Nov 2018 7:35

Instrument :

BNA_F

ClientSampleId :

110718-DBRI-E-D-S

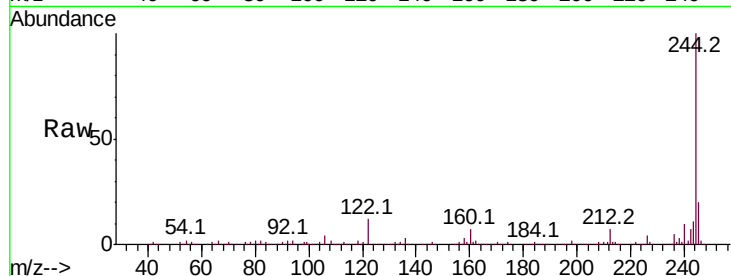
Tot Ion:244 Resp: 578269

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

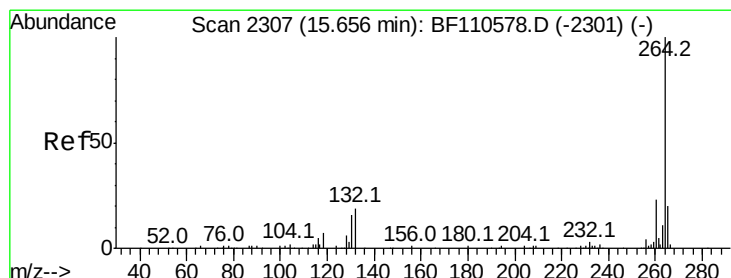
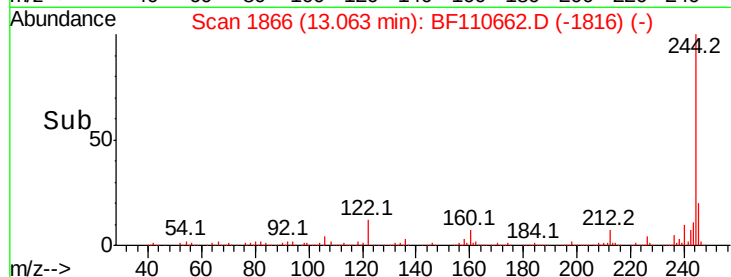
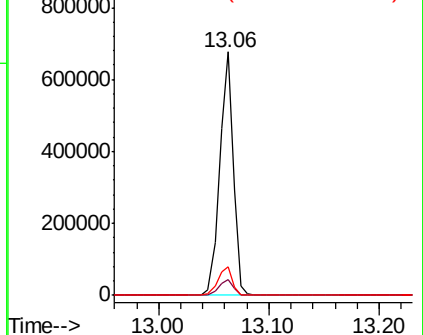
122 11.8 8.7 13.1



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: BF110662.D

Acq: 10 Nov 2018 7:35

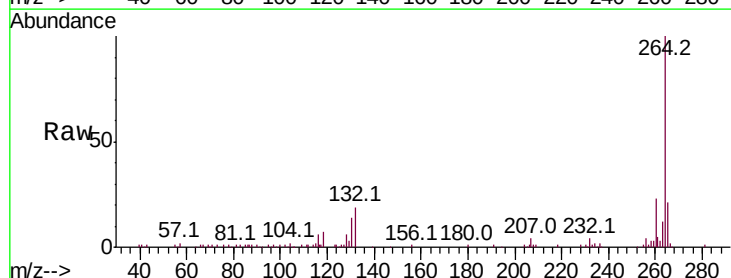
Tgt Ion:264 Resp: 111802

Ion Ratio Lower Upper

264 100

260 22.9 18.7 28.1

265 21.3 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

