

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
 Data File : BF109978.D
 Acq On : 19 Oct 2018 00:08
 Operator : JU/SJ
 Sample : J5569-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-7S

Quant Time: Oct 19 05:30:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

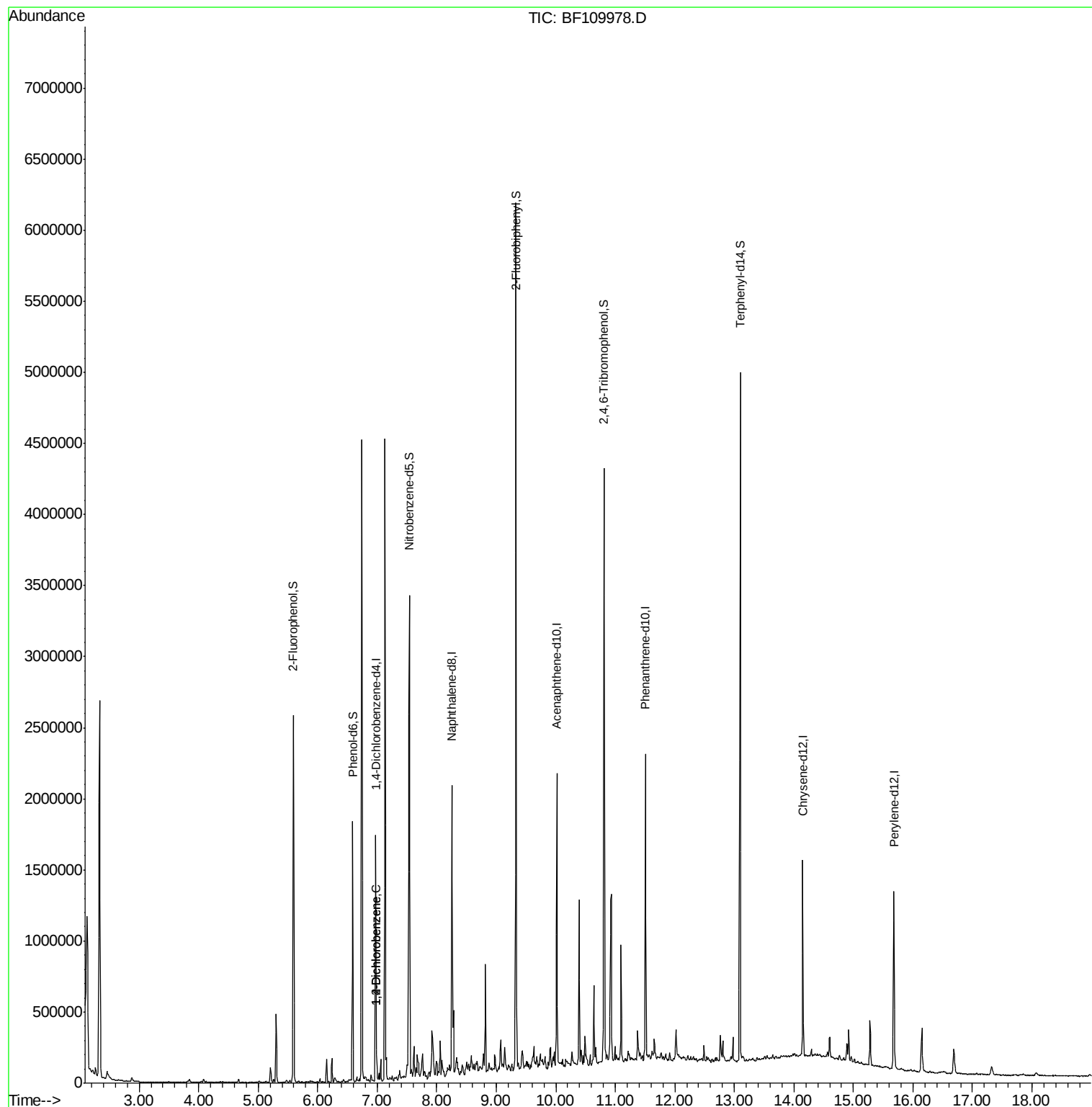
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	225574	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	871940	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	409320	20.00	ng	-0.01
64) Phenanthrene-d10	11.51	188	731571	20.00	ng	0.00
76) Chrysene-d12	14.15	240	456027	20.00	ng	-0.01
87) Perylene-d12	15.68	264	426769	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	731007	51.37	ng	0.00
7) Phenol-d6	6.59	99	593876	33.61	ng	-0.02
23) Nitrobenzene-d5	7.54	82	1144888	88.45	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	421586	118.96	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1960934	76.44	ng	0.00
79) Terphenyl-d14	13.10	244	1667803	76.80	ng	0.00
Target Compounds						
13) 1,4-Dichlorobenzene	6.99	146	36089	2.050	ng	97
14) 1,2-Dichlorobenzene	6.99	146	36089	2.226	ng	94

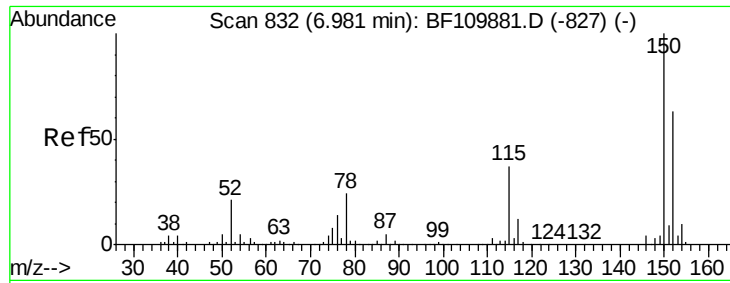
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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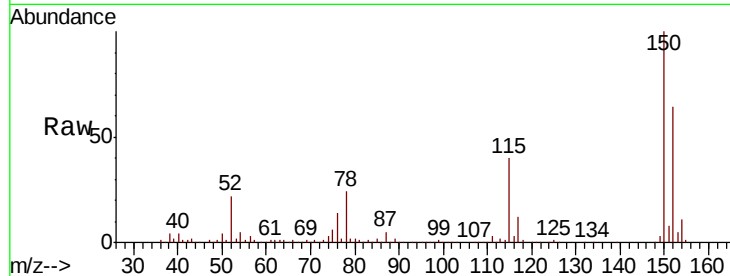


#1

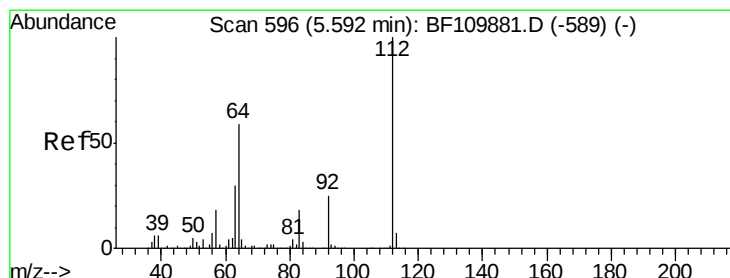
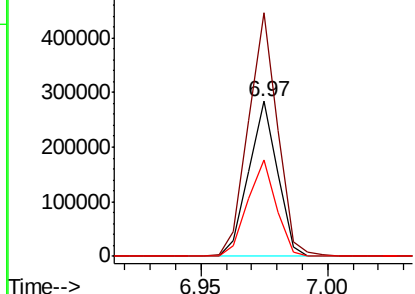
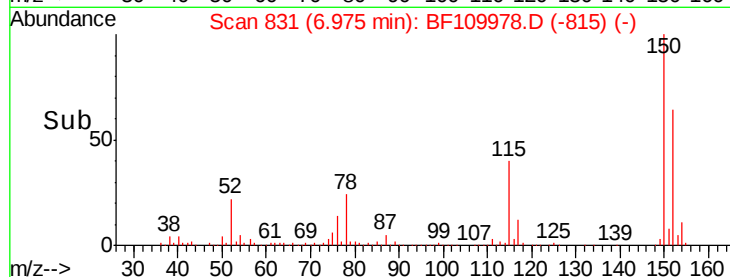
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF109978.D
 Acq: 19 Oct 2018 00:08

Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-7S

Tot Ion:152 Resp: 225574
 Ion Ratio Lower Upper
 152 100
 150 157.4 122.7 184.1
 115 62.2 49.1 73.7



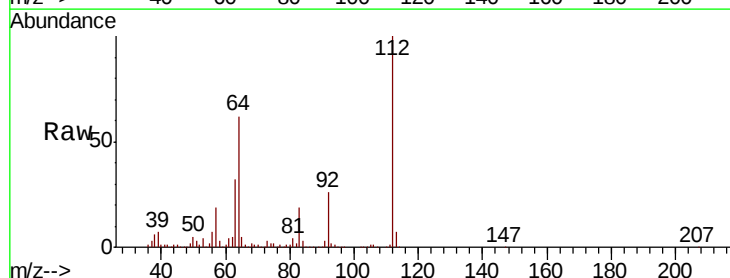
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



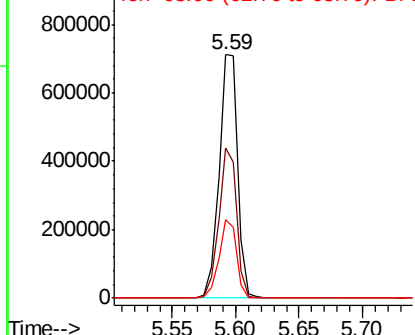
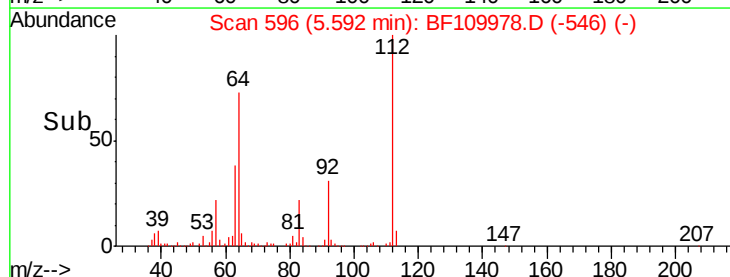
#5

2-Fluorophenol
 Concen: 51.369 ng
 RT: 5.59 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF109978.D
 Acq: 19 Oct 2018 00:08

Tgt Ion:112 Resp: 731007
 Ion Ratio Lower Upper
 112 100
 64 61.7 44.1 66.1
 63 32.4 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: 33.608 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF109978.D

Acq: 19 Oct 2018 00:08

Instrument :

BNA_F

ClientSampleId :

RLF-GW-7S

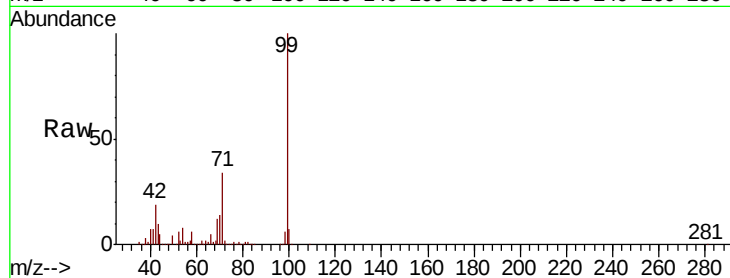
Tot Ion: 99 Resp: 593876

Ion Ratio Lower Upper

99 100

42 19.1 15.8 23.6

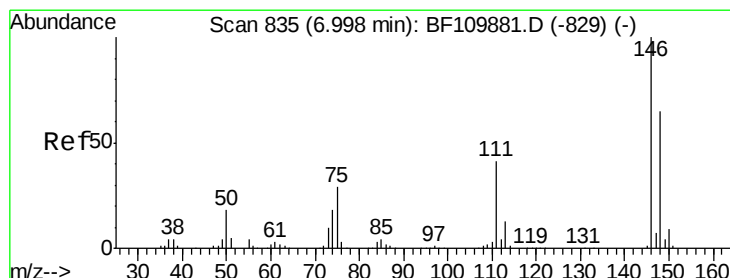
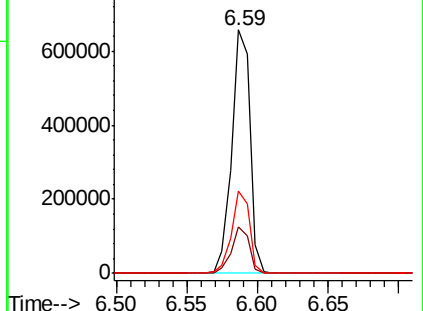
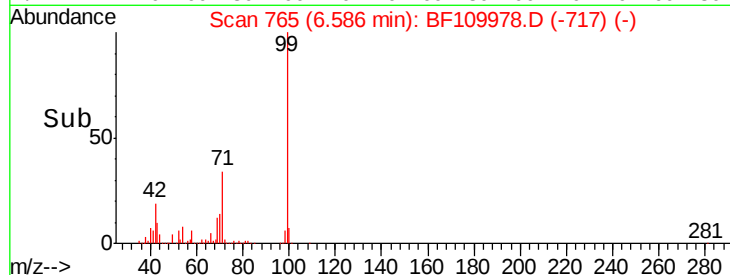
71 34.0 28.0 42.0



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



#13

1,4-Dichlorobenzene

Concen: 2.050 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF109978.D

Acq: 19 Oct 2018 00:08

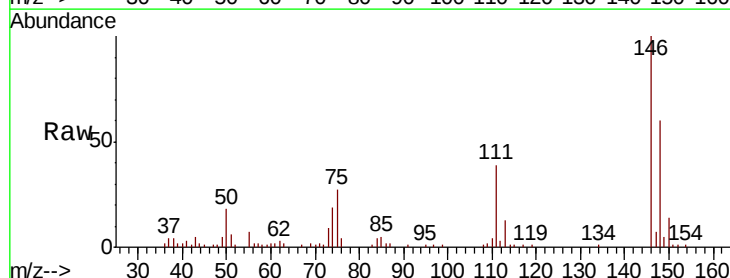
Tgt Ion: 146 Resp: 36089

Ion Ratio Lower Upper

146 100

148 60.1 50.3 75.5

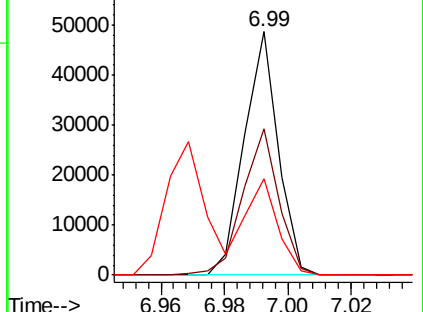
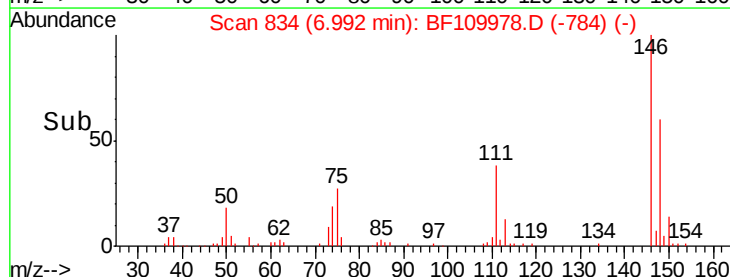
111 39.5 32.7 49.1

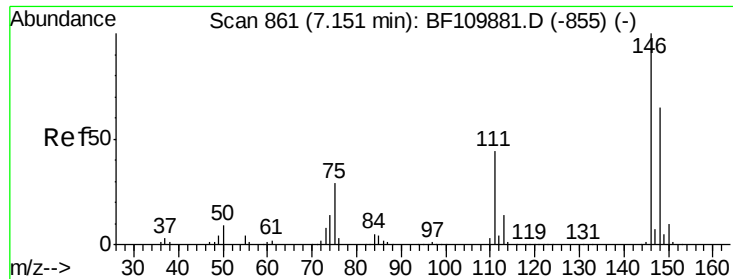


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 2.226 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.16 min

Lab File: BF109978.D

Acq: 19 Oct 2018 00:08

Instrument :

BNA_F

ClientSampleId :

RLF-GW-7S

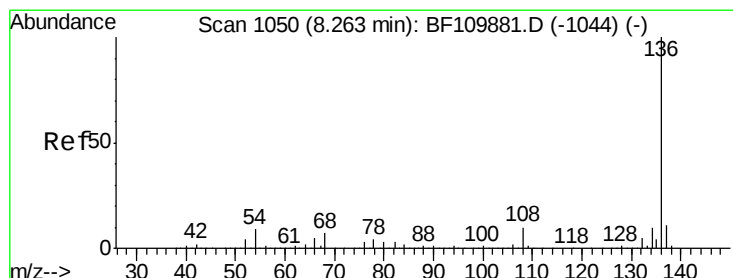
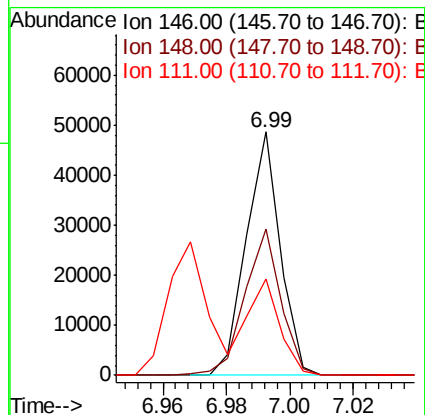
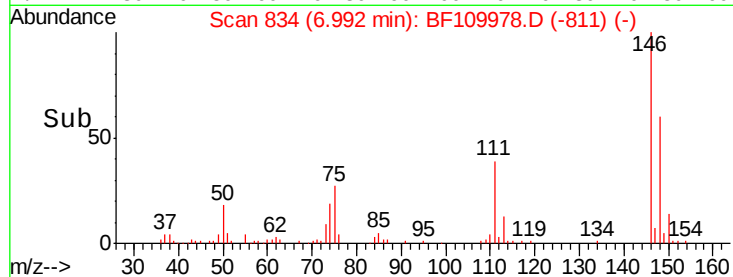
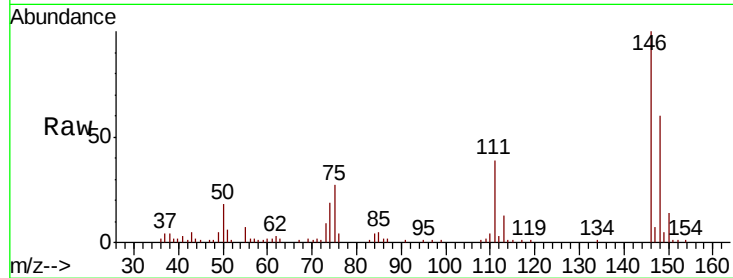
Tot Ion:146 Resp: 36089

Ion Ratio Lower Upper

146 100

148 60.1 51.1 76.7

111 39.5 35.8 53.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF109978.D

Acq: 19 Oct 2018 00:08

Tgt Ion:136 Resp: 871940

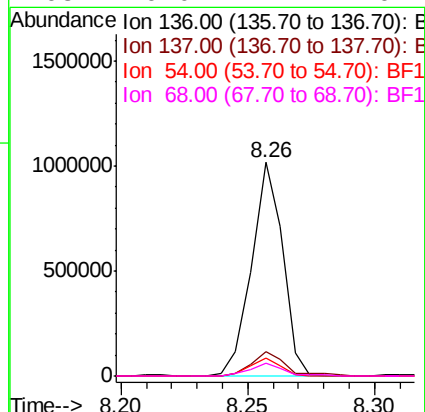
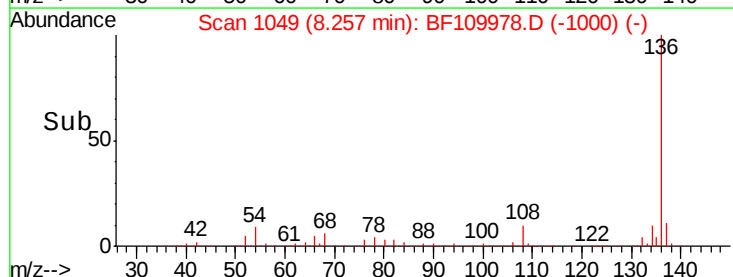
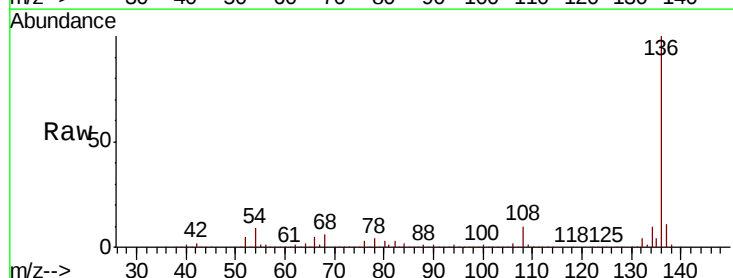
Ion Ratio Lower Upper

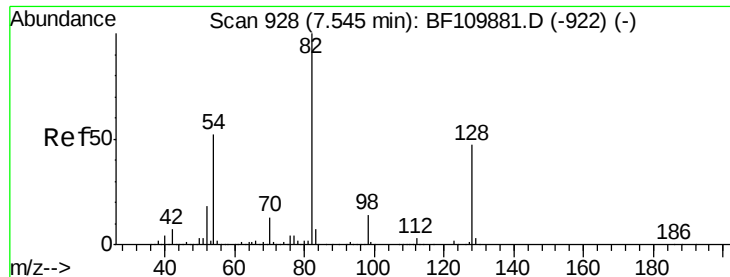
136 100

137 11.1 8.8 13.2

54 8.6 5.4 8.2#

68 6.0 4.2 6.2

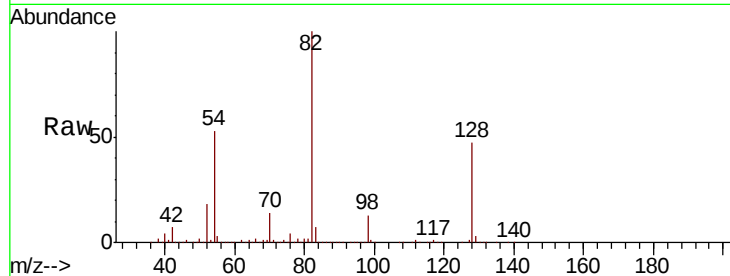




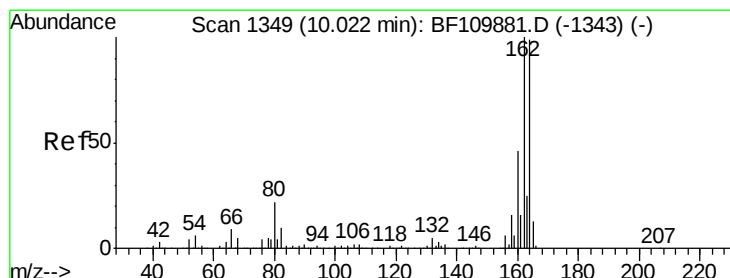
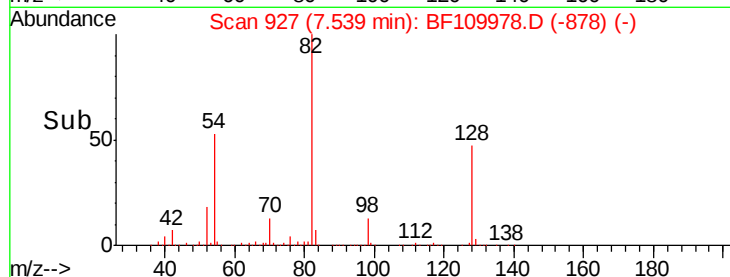
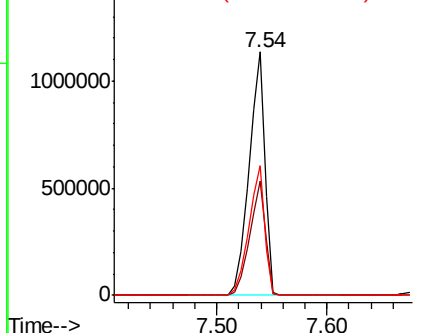
#23
Nitrobenzene-d5
Concen: 88.451 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109978.D
Acq: 19 Oct 2018 00:08

Instrument :
BNA_F
ClientSampleId :
RLF-GW-7S

Tot Ion: 82 Resp: 1144888
Ion Ratio Lower Upper
82 100
128 46.8 34.2 51.2
54 53.2 38.6 58.0

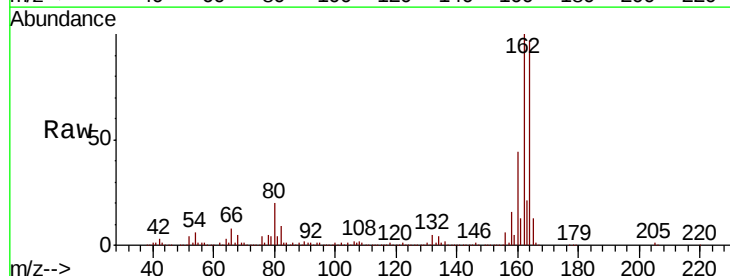


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

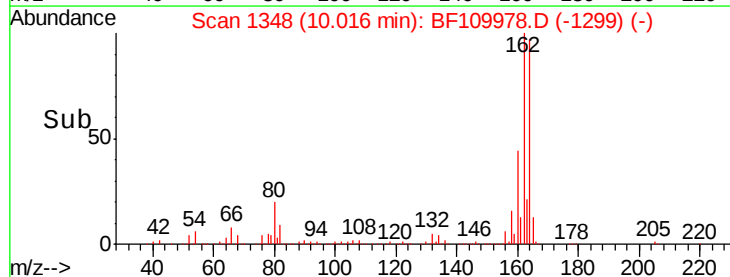
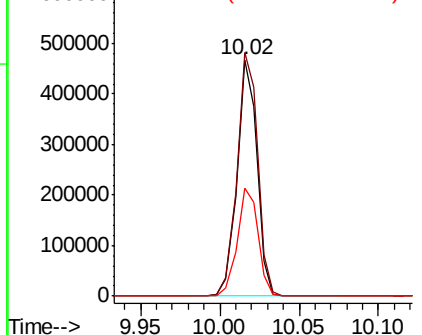


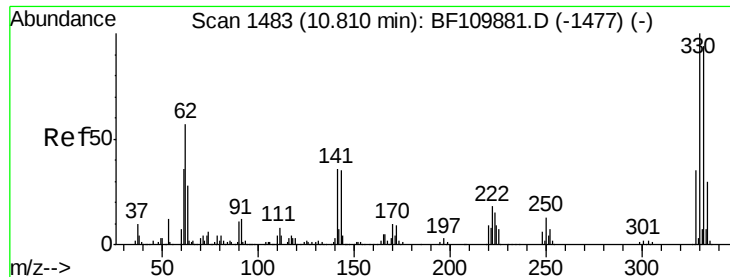
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF109978.D
Acq: 19 Oct 2018 00:08

Tgt Ion:164 Resp: 409320
Ion Ratio Lower Upper
164 100
162 103.1 83.0 124.6
160 45.5 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: 118.965 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BF109978.D

Acq: 19 Oct 2018 00:08

Instrument :

BNA_F

ClientSampleId :

RLF-GW-7S

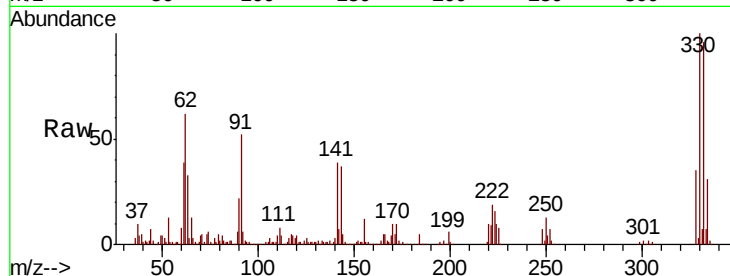
Tot Ion:330 Resp: 421586

Ion Ratio Lower Upper

330 100

332 96.4 77.1 115.7

141 36.8 27.0 40.4

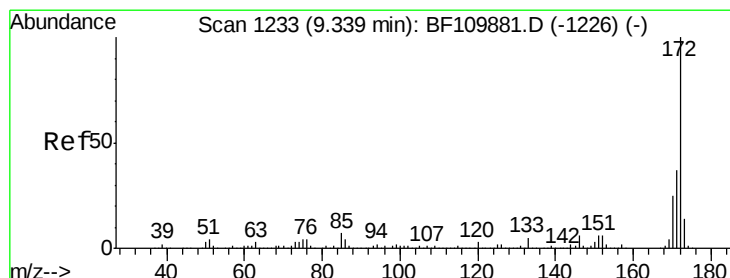
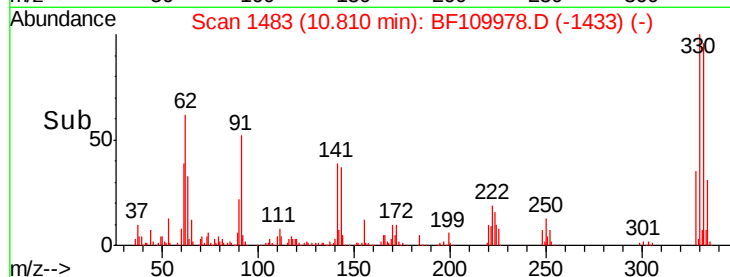
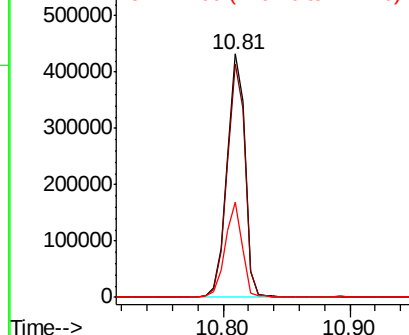


Abundance

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: 76.443 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BF109978.D

Acq: 19 Oct 2018 00:08

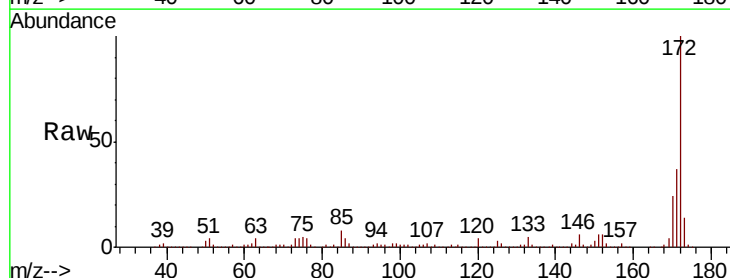
Tgt Ion:172 Resp: 1960934

Ion Ratio Lower Upper

172 100

171 37.2 28.6 43.0

170 24.4 19.7 29.5

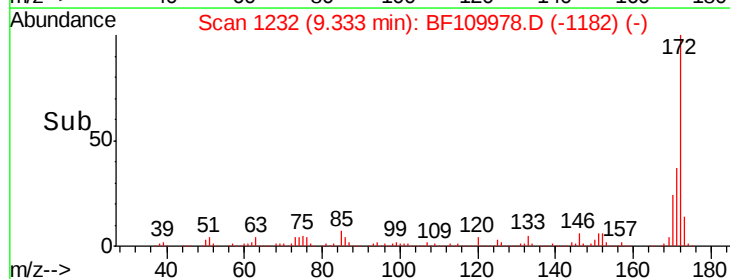
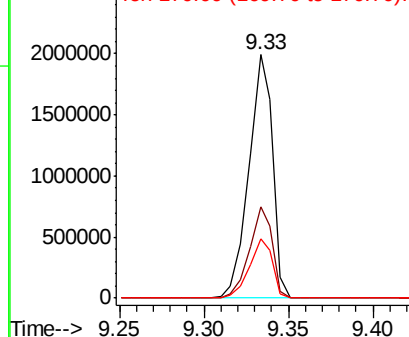


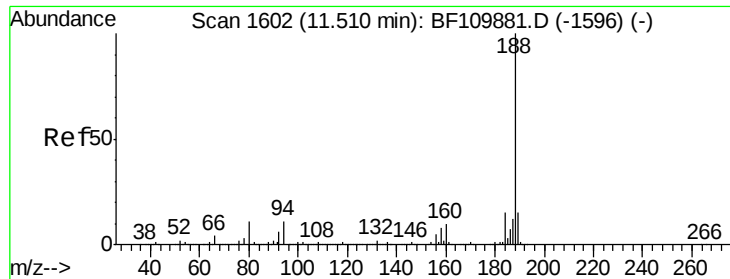
Abundance

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

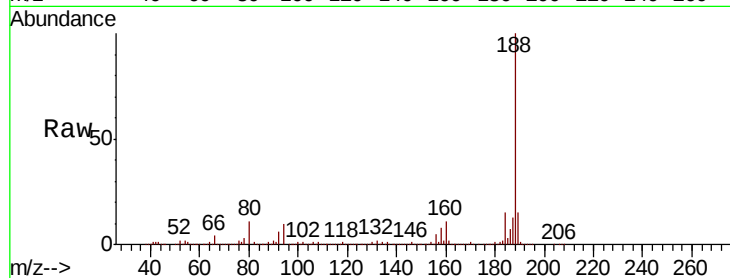




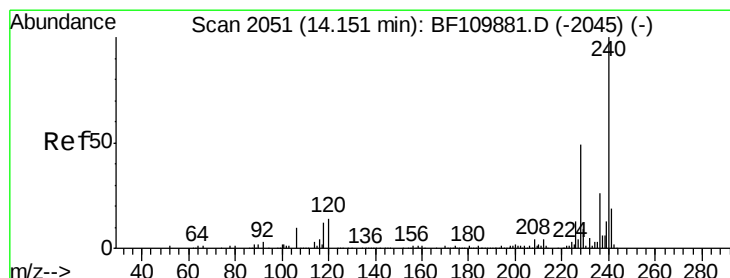
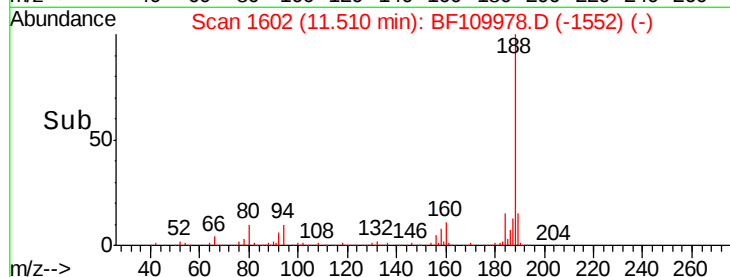
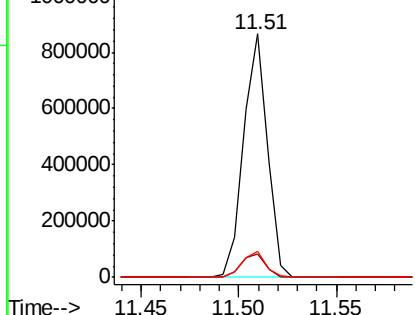
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF109978.D
Acq: 19 Oct 2018 00:08

Instrument :
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ClientSampleId :
RLF-GW-7S

Tot Ion:188 Resp: 731571
Ion Ratio Lower Upper
188 100
94 9.8 7.2 10.8
80 10.6 7.9 11.9

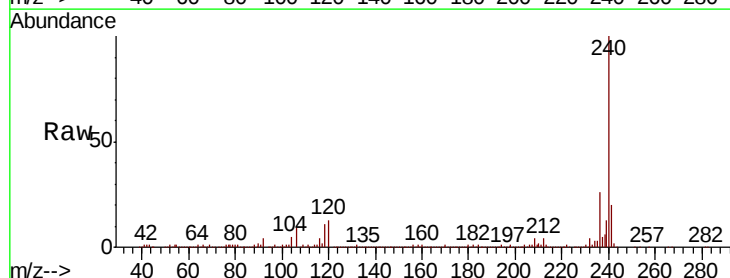


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

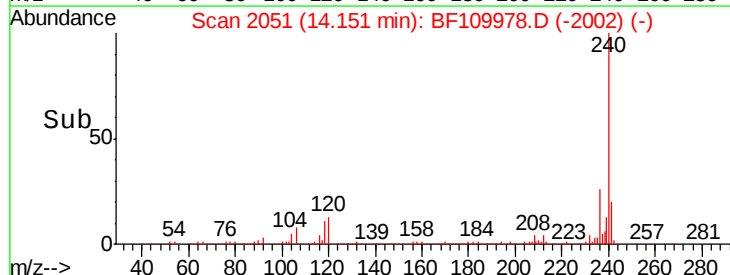
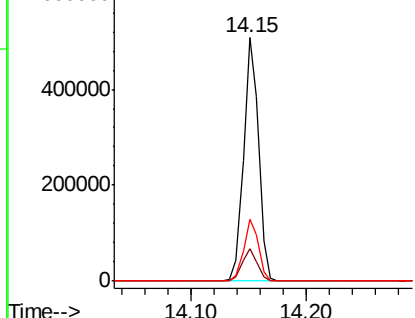


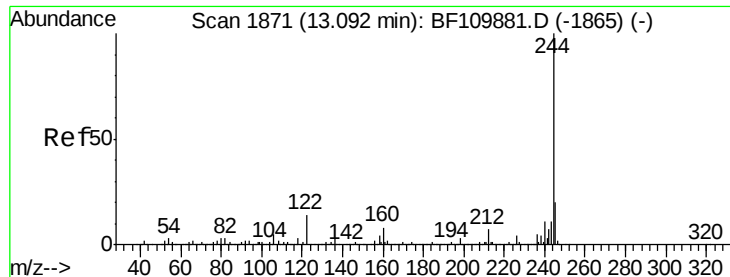
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF109978.D
Acq: 19 Oct 2018 00:08

Tgt Ion:240 Resp: 456027
Ion Ratio Lower Upper
240 100
120 13.1 8.3 12.5#
236 25.5 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: 76.799 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BF109978.D

Acq: 19 Oct 2018 00:08

Instrument :

BNA_F

ClientSampleId :

RLF-GW-7S

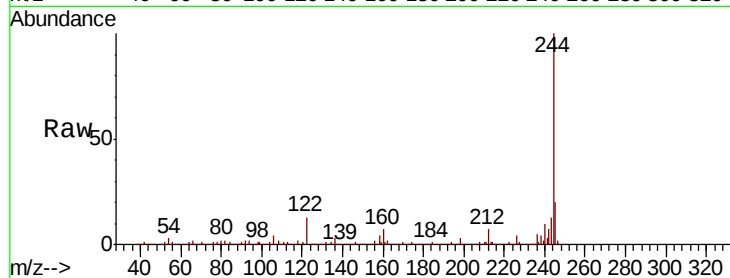
Tot Ion:244 Resp: 1667803

Ion Ratio Lower Upper

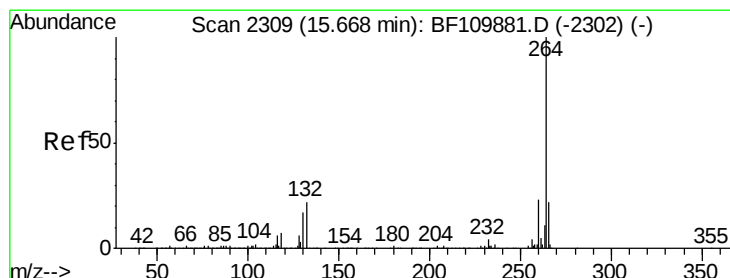
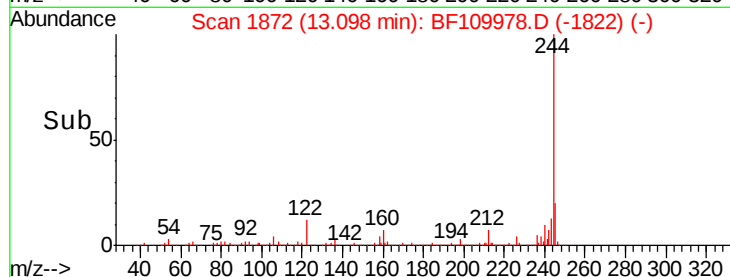
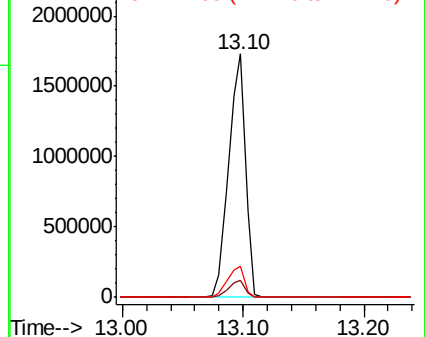
244 100

212 7.2 5.8 8.8

122 12.5 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: 15.68 min Scan# 2311

Delta R.T. -0.01 min

Lab File: BF109978.D

Acq: 19 Oct 2018 00:08

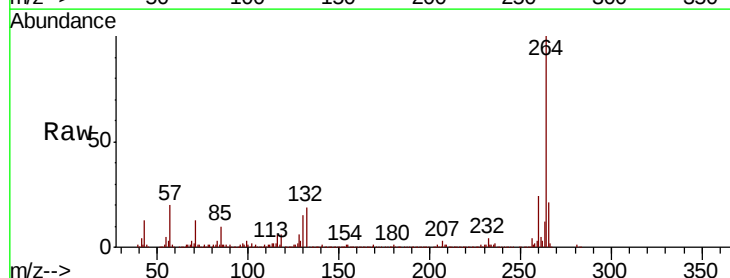
Tgt Ion:264 Resp: 426769

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 21.2 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

