

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
 Data File : BF109857.D
 Acq On : 13 Oct 2018 2:23
 Operator : JU/SJ
 Sample : J5371-15
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 100818-SIDI-E-U-M

Quant Time: Oct 13 03:53:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

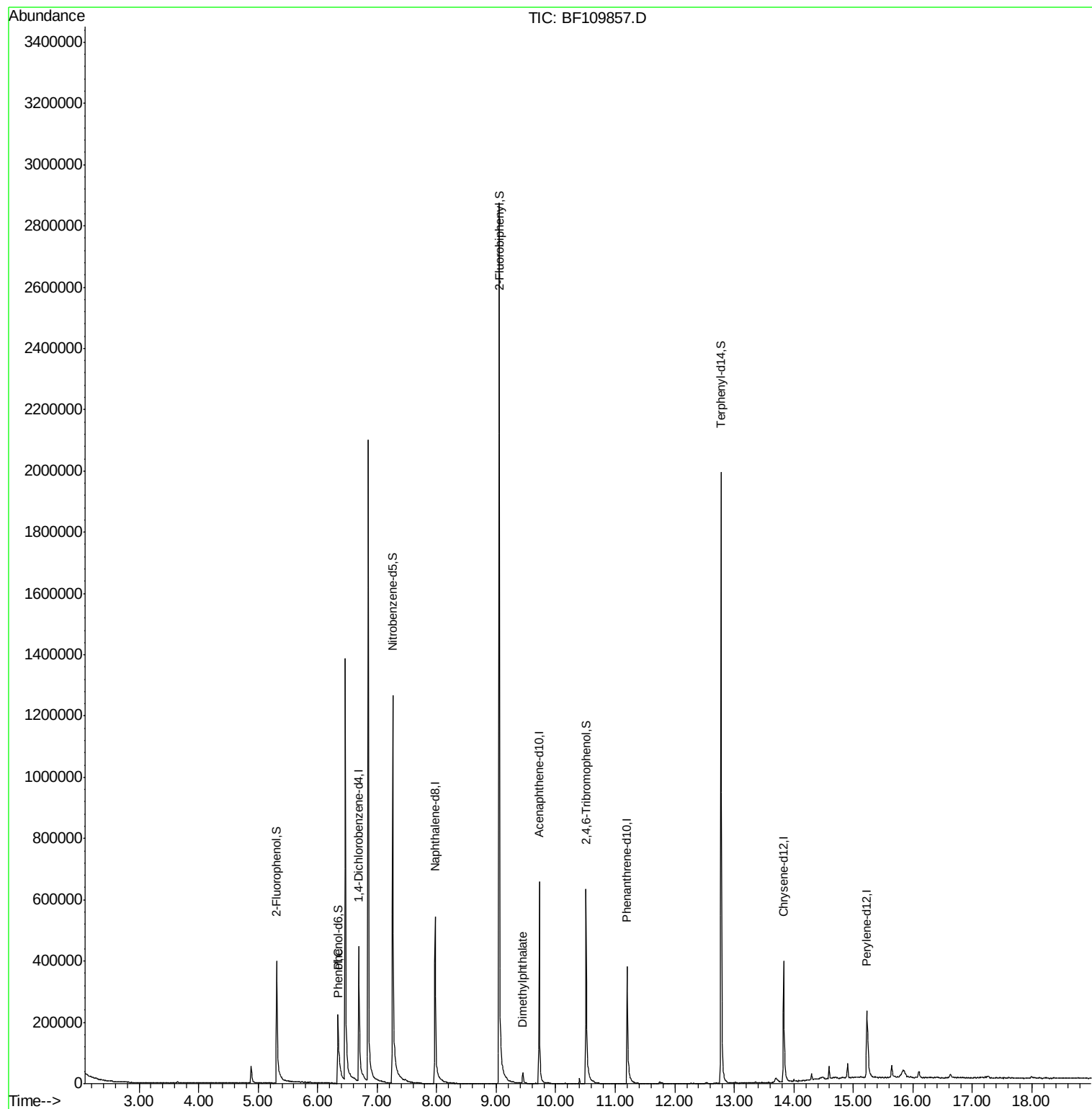
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	94357	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	365328	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	151726	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	231055	20.00	ng	0.00
75) Chrysene-d12	13.83	240	196409	20.00	ng	0.00
86) Perylene-d12	15.23	264	151658	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	181639	34.17	ng	-0.01
7) Phenol-d6	6.34	99	169925	23.93	ng	-0.02
23) Nitrobenzene-d5	7.26	82	651024	98.23	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	121375	73.42	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1099417	99.80	ng	0.00
78) Terphenyl-d14	12.78	244	765503	75.45	ng	0.00
Target Compounds						
10) Phenol	6.36	94	16531	2.030	ng	87
49) Dimethylphthalate	9.45	163	24664	2.216	ng	# 96

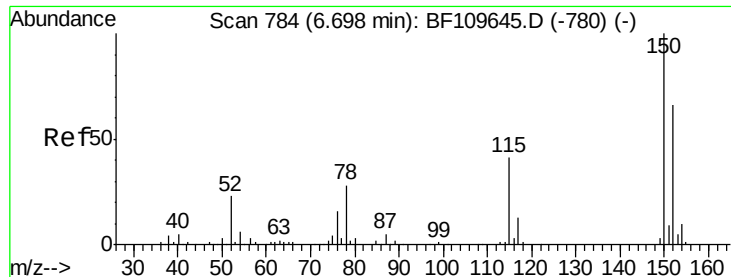
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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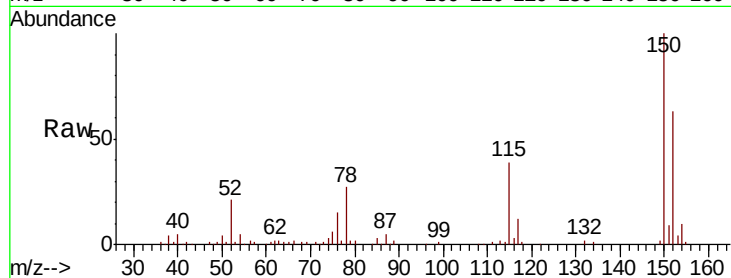


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109857.D
Acq: 13 Oct 2018 2:23

Instrument :
BNA_F
ClientSampleId :
100818-SIDI-E-U-M

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	122.7	184.1
115	62.2	49.1	73.7

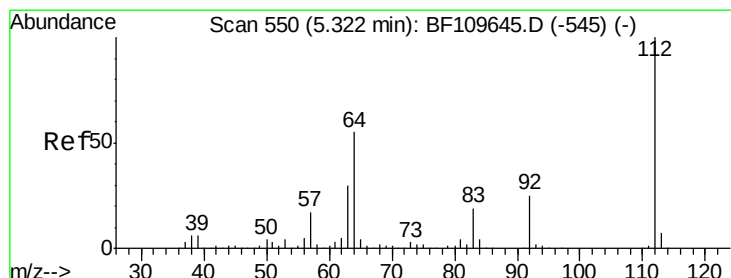
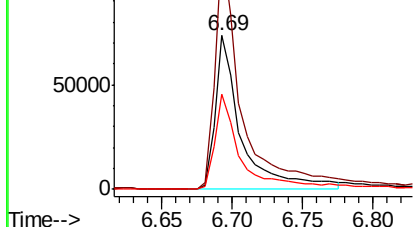
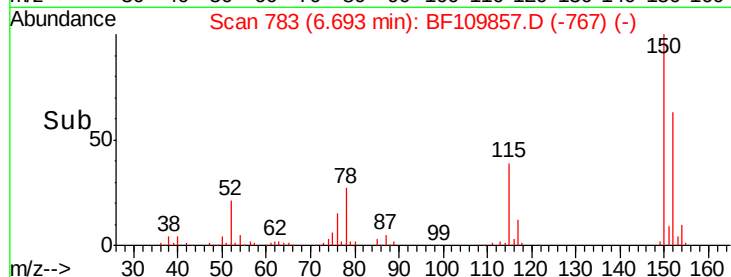


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

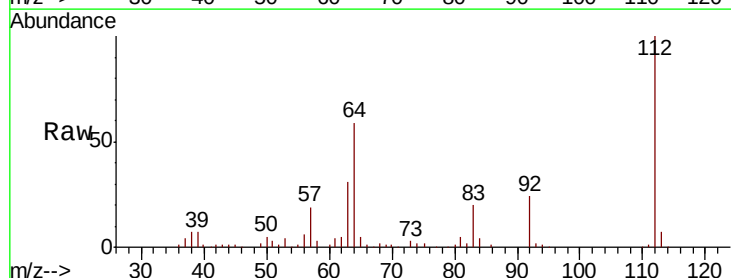
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 34.170 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109857.D
Acq: 13 Oct 2018 2:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	44.1	66.1
63	31.3	23.7	35.5

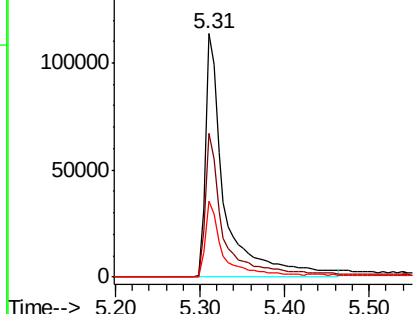
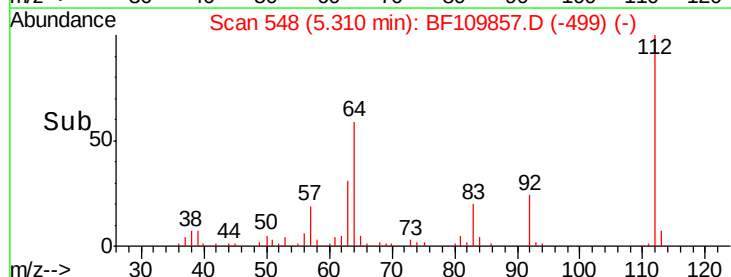


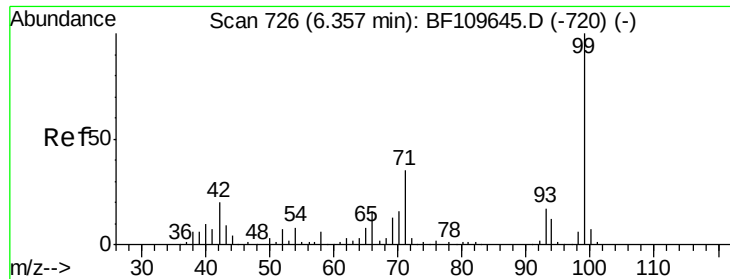
Abundance

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: 23.929 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109857.D

Acq: 13 Oct 2018 2:23

Instrument :

BNA_F

ClientSampleId :

100818-SIDI-E-U-M

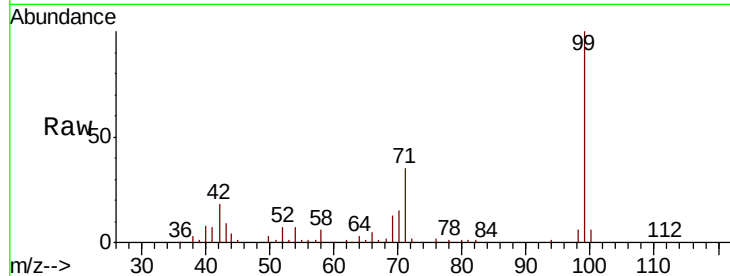
Tot Ion: 99 Resp: 169925

Ion Ratio Lower Upper

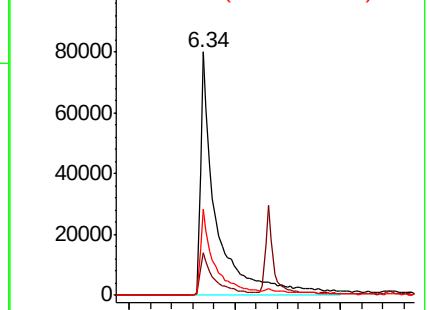
99 100

42 17.8 15.8 23.6

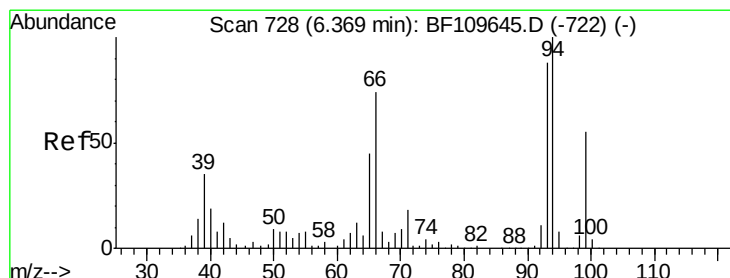
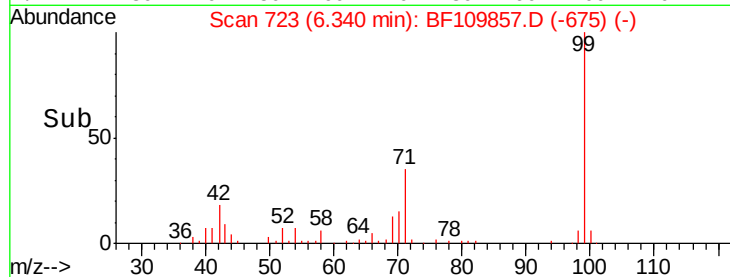
71 35.4 28.0 42.0



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



Time-->



#10

Phenol

Concen: 2.030 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF109857.D

Acq: 13 Oct 2018 2:23

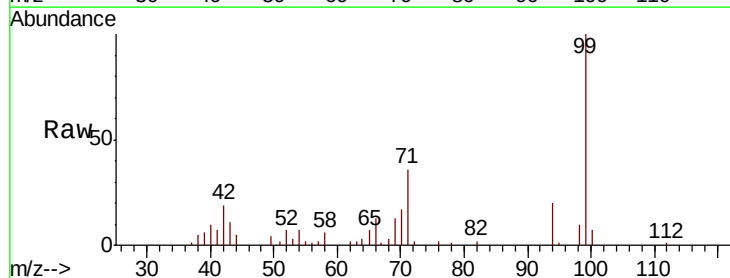
Tgt Ion: 94 Resp: 16531

Ion Ratio Lower Upper

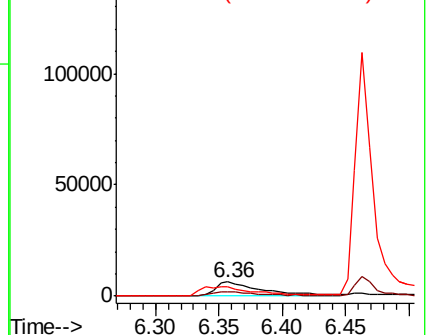
94 100

65 33.9 25.3 65.3

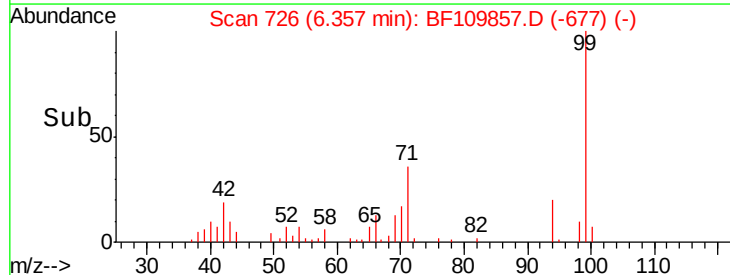
66 65.9 54.5 94.5

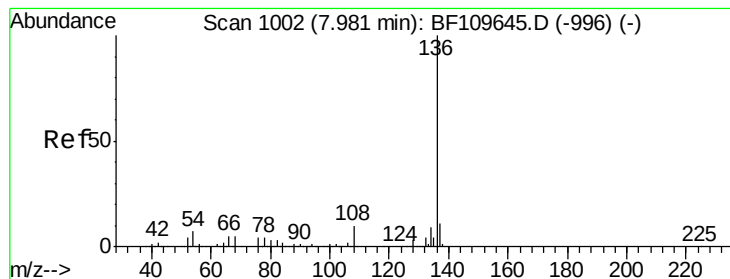


Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



Time-->





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109857.D

Acq: 13 Oct 2018 2:23

Instrument :

BNA_F

ClientSampleId :

100818-SIDI-E-U-M

Tot Ion:136 Resp: 365328

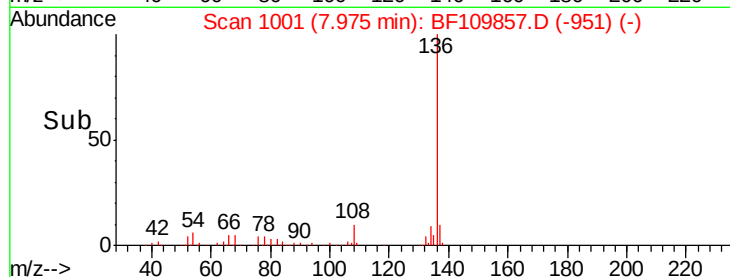
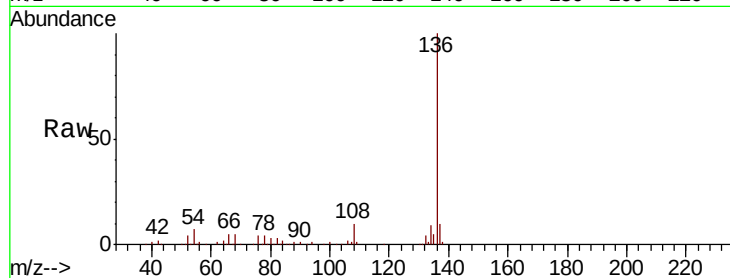
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 6.6 5.4 8.2

68 5.2 4.2 6.2

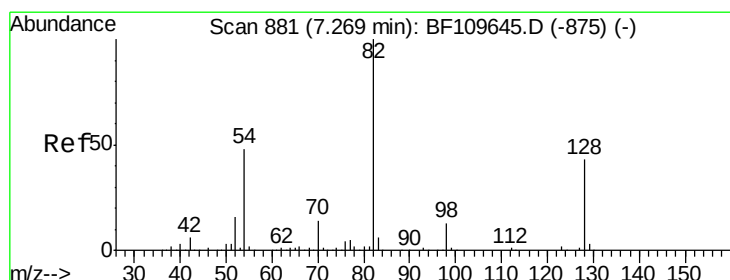
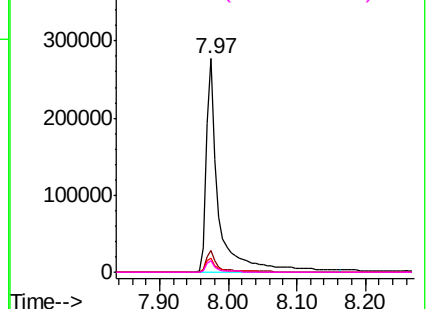


Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.231 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF109857.D

Acq: 13 Oct 2018 2:23

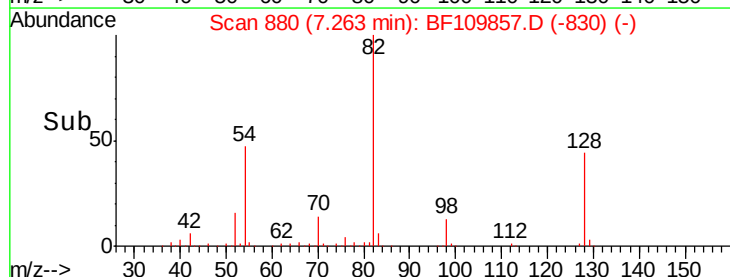
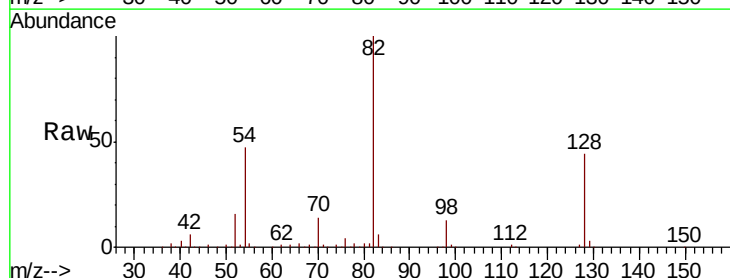
Tgt Ion: 82 Resp: 651024

Ion Ratio Lower Upper

82 100

128 44.2 34.2 51.2

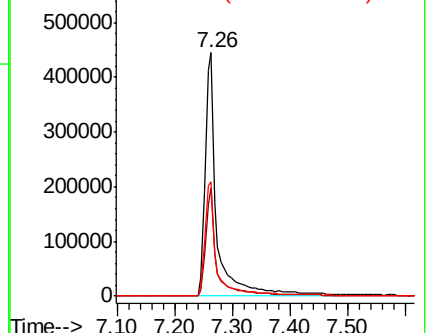
54 46.9 38.6 58.0

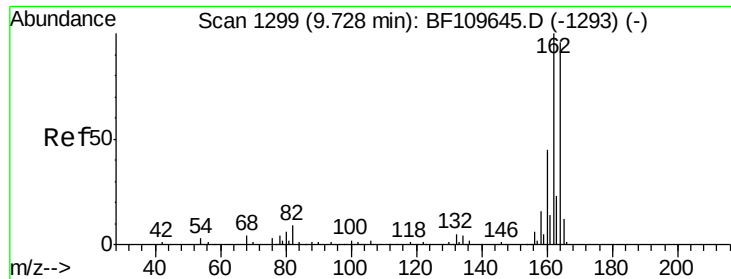


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

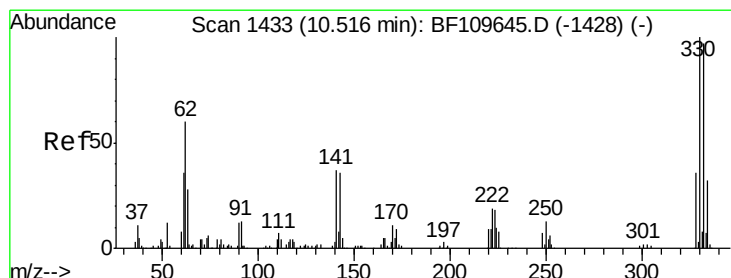
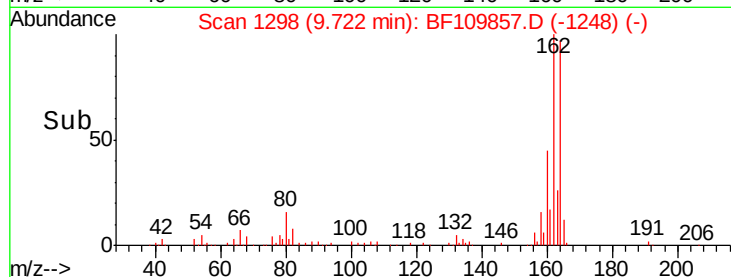
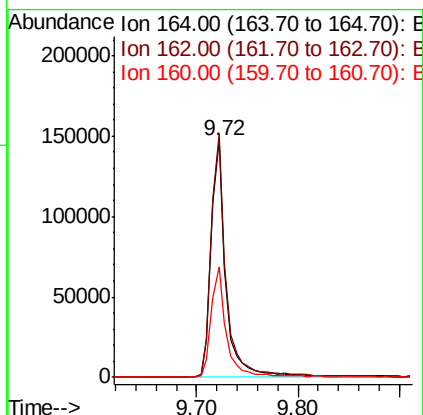
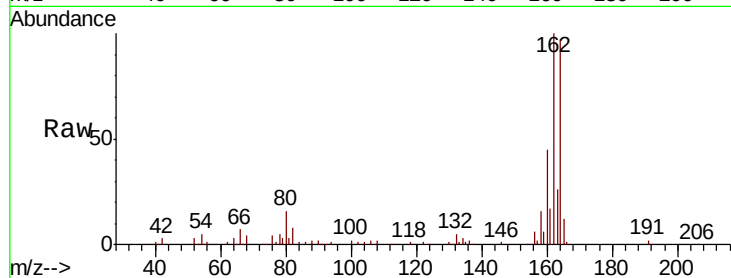




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109857.D
 Acq: 13 Oct 2018 2:23

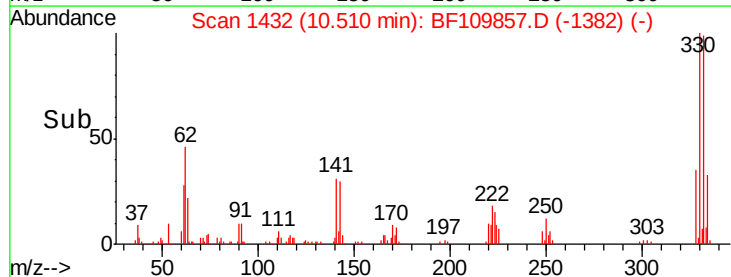
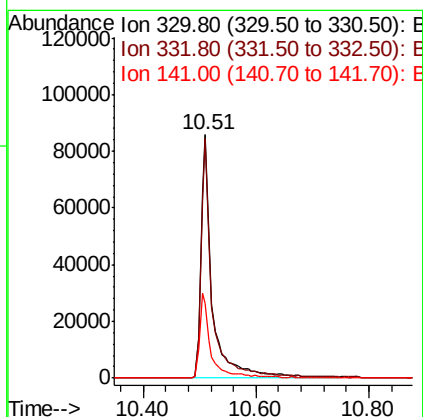
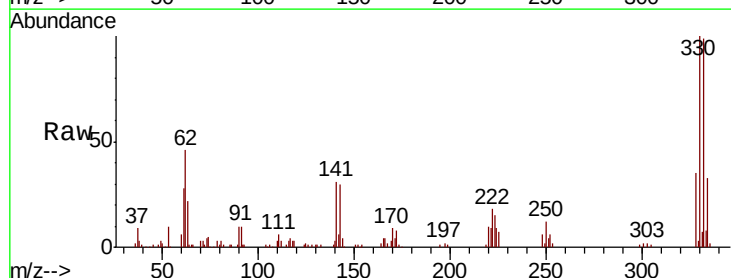
Instrument :
 BNA_F
 ClientSampleId :
 100818-SIDI-E-U-M

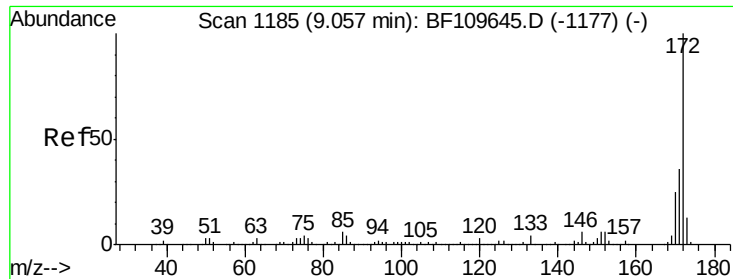
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	83.0	124.6
160	46.4	37.0	55.6



#41
 2,4,6-Tribromophenol
 Concen: 73.417 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109857.D
 Acq: 13 Oct 2018 2:23

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.1	115.7
141	33.6	27.0	40.4

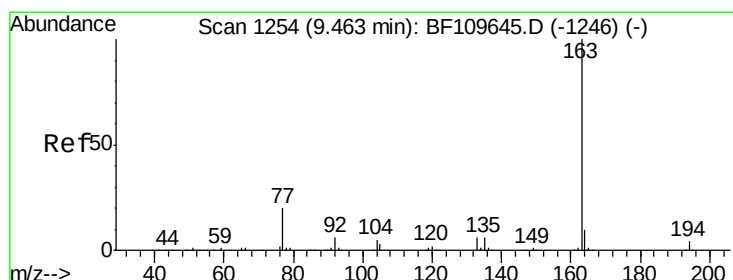
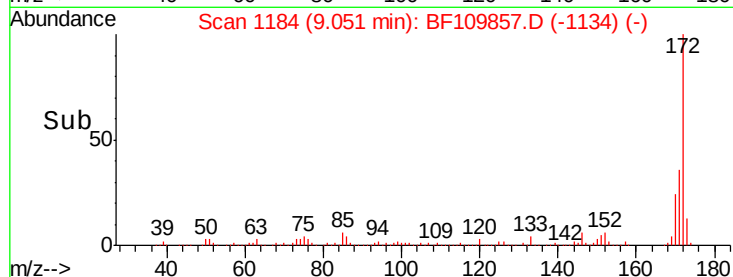
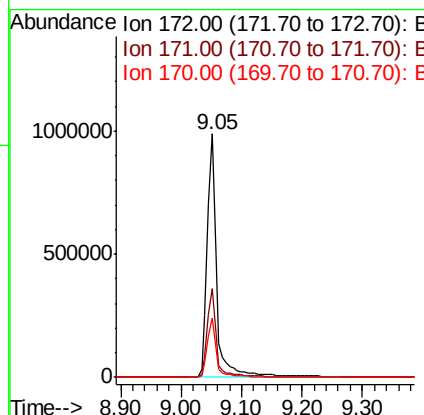
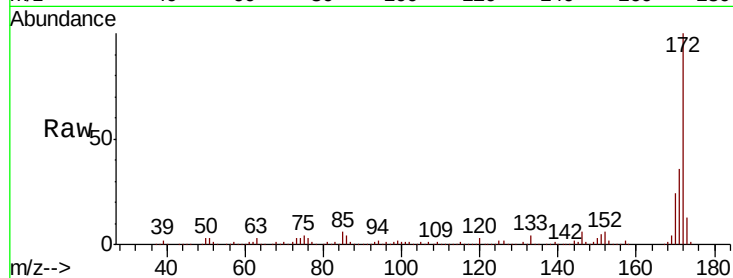




#44
2-Fluorobiphenyl
Concen: 99.797 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109857.D
Acq: 13 Oct 2018 2:23

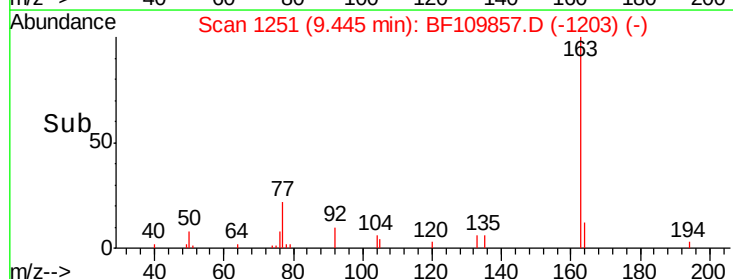
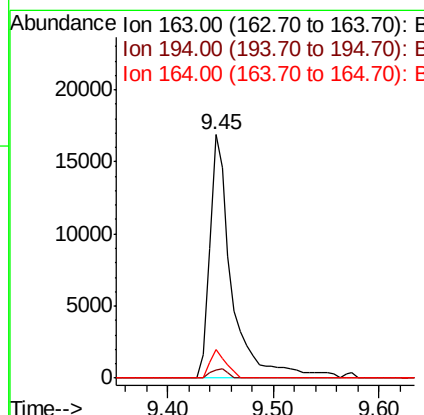
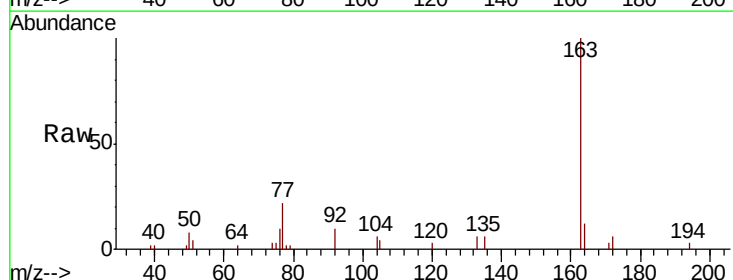
Instrument :
BNA_F
ClientSampleId :
100818-SIDI-E-U-M

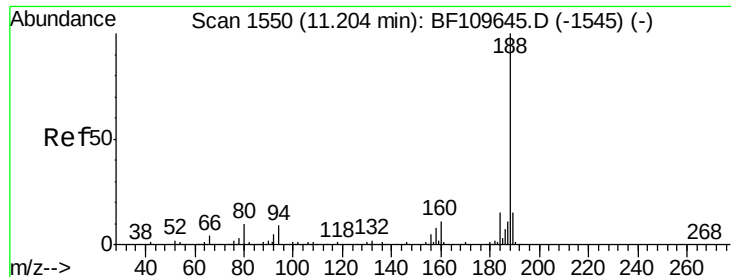
Tot Ion:172 Resp: 1099417
Ion Ratio Lower Upper
172 100
171 36.5 28.6 43.0
170 24.2 19.7 29.5



#49
Dimethylphthalate
Concen: 2.216 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109857.D
Acq: 13 Oct 2018 2:23

Tgt Ion:163 Resp: 24664
Ion Ratio Lower Upper
163 100
194 3.2 3.2 4.8#
164 11.6 8.1 12.1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF109857.D

Acq: 13 Oct 2018 2:23

Instrument :

BNA_F

ClientSampleId :

100818-SIDI-E-U-M

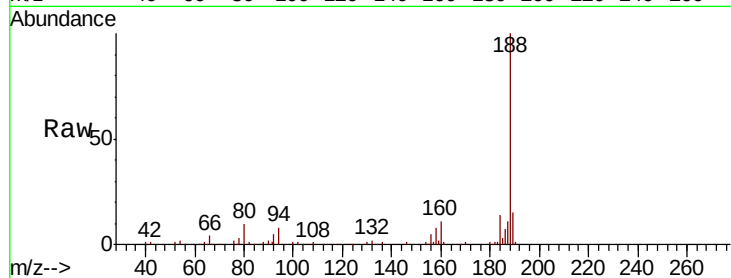
Tot Ion:188 Resp: 231055

Ion Ratio Lower Upper

188 100

94 8.4 7.2 10.8

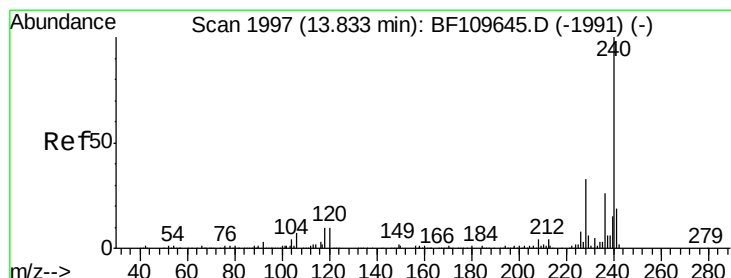
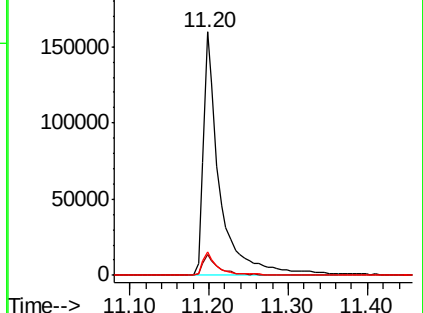
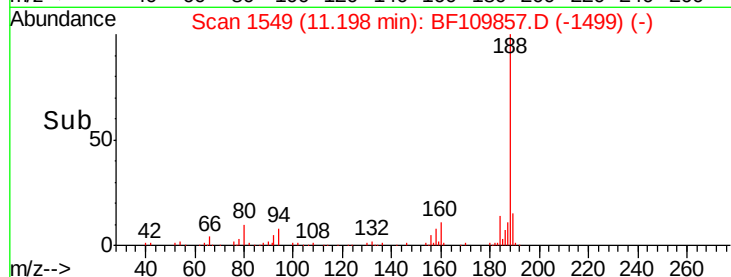
80 9.6 7.9 11.9



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109857.D

Acq: 13 Oct 2018 2:23

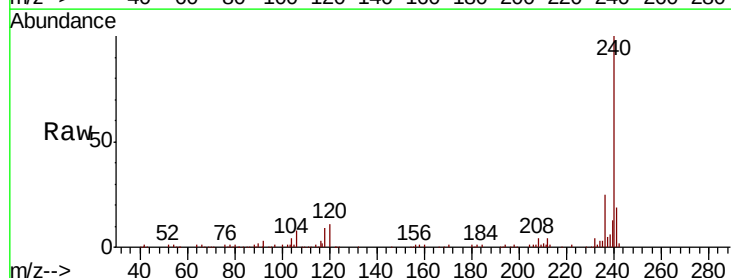
Tgt Ion:240 Resp: 196409

Ion Ratio Lower Upper

240 100

120 11.0 8.3 12.5

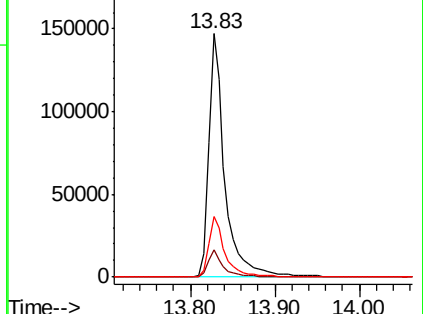
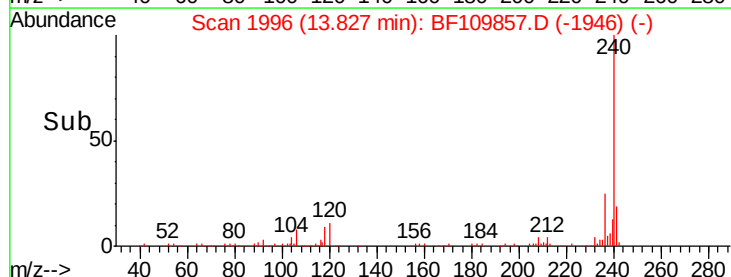
236 24.8 21.2 31.8

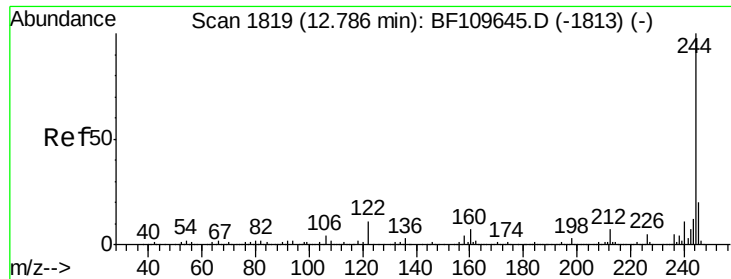


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 75.449 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109857.D

Acq: 13 Oct 2018 2:23

Instrument :

BNA_F

ClientSampleId :

100818-SIDI-E-U-M

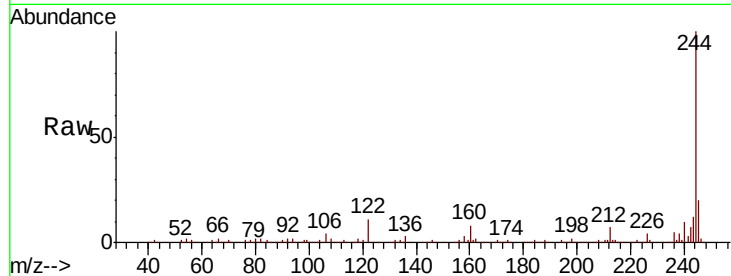
Tot Ion:244 Resp: 765503

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

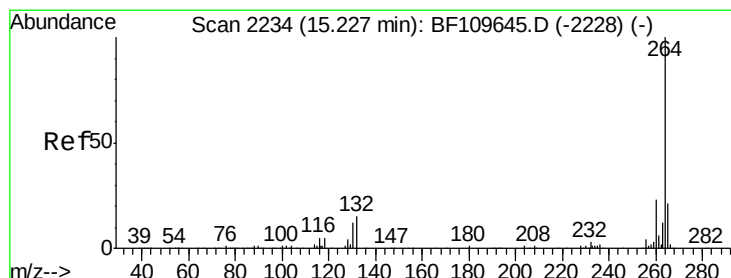
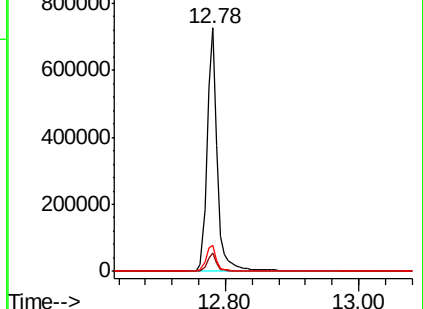
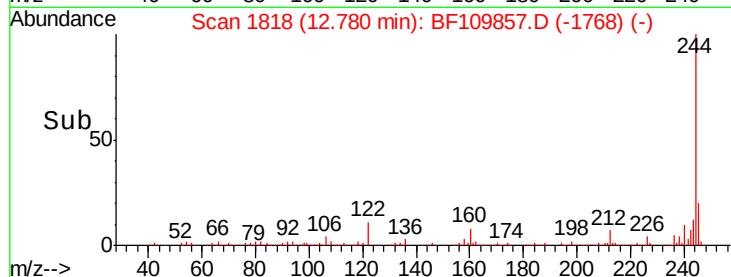
122 10.6 8.7 13.1



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2234

Delta R.T. 0.00 min

Lab File: BF109857.D

Acq: 13 Oct 2018 2:23

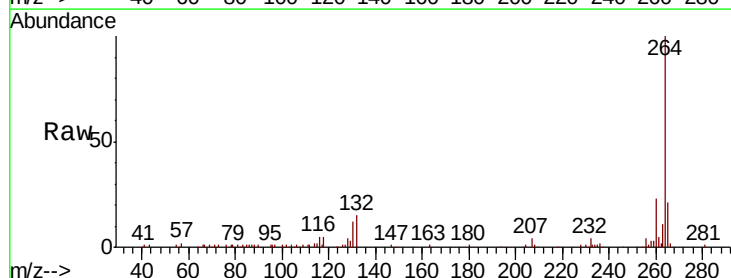
Tgt Ion:264 Resp: 151658

Ion Ratio Lower Upper

264 100

260 22.7 18.7 28.1

265 20.7 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

