

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
 Data File : BF109466.D
 Acq On : 29 Sep 2018 8:10
 Operator : JU/SJ
 Sample : J5133-19
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092618-JETT-F-U-M

Quant Time: Oct 01 03:59:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

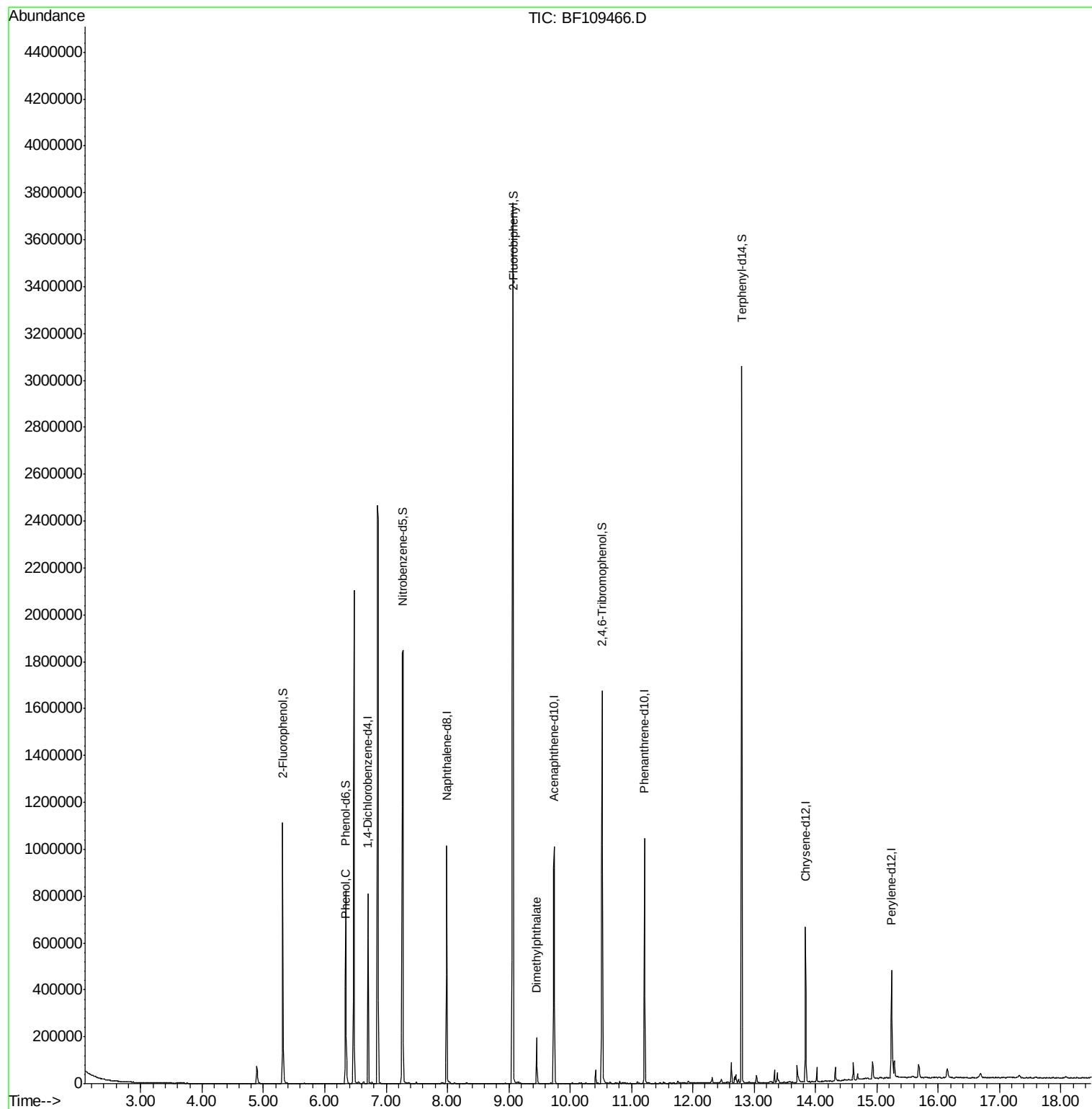
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	114321	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	429020	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	202158	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	364751	20.00	ng	0.00
75) Chrysene-d12	13.84	240	216372	20.00	ng	0.00
86) Perylene-d12	15.24	264	219216	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	302739	43.62	ng	0.00
7) Phenol-d6	6.34	99	244893	27.65	ng	-0.02
23) Nitrobenzene-d5	7.27	82	740589	101.90	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	187673	94.17	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1252738	93.46	ng	0.00
78) Terphenyl-d14	12.80	244	1117067	126.70	ng	0.00
Target Compounds						
10) Phenol	6.35	94	29778	2.969	ng	94
49) Dimethylphthalate	9.46	163	77572	5.276	ng	98

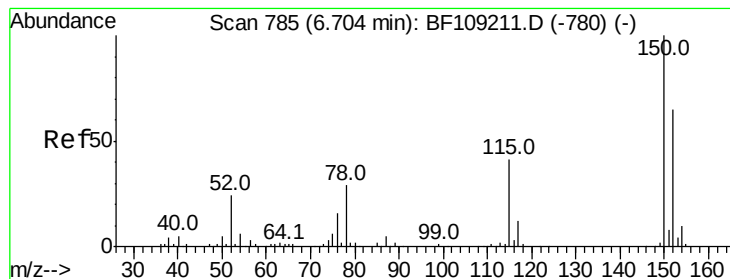
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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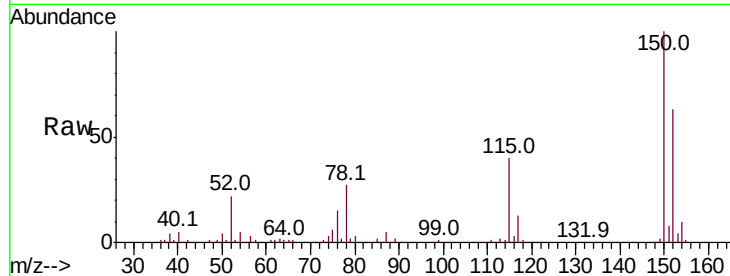


#1

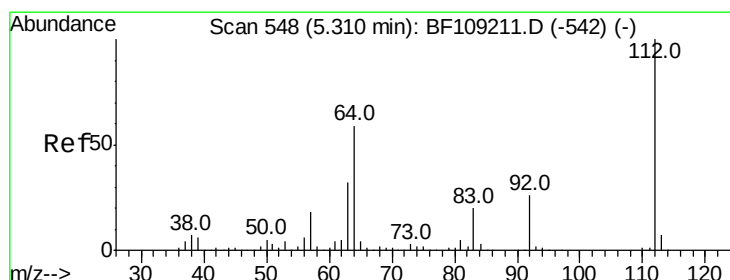
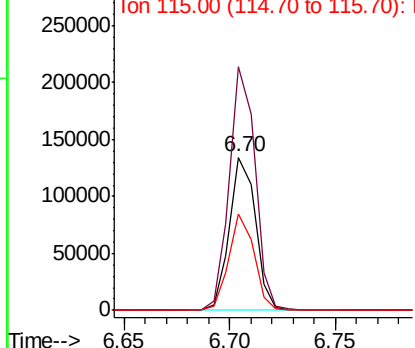
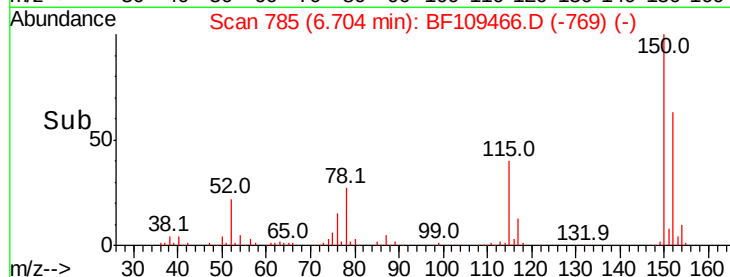
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109466.D
Acq: 29 Sep 2018 8:10

Instrument :
BNA_F
ClientSampleId :
092618-JETT-F-U-M

Tot Ion:152 Resp: 114321
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 63.1 50.1 75.1



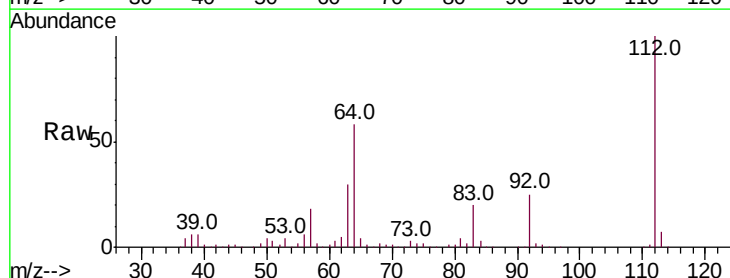
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



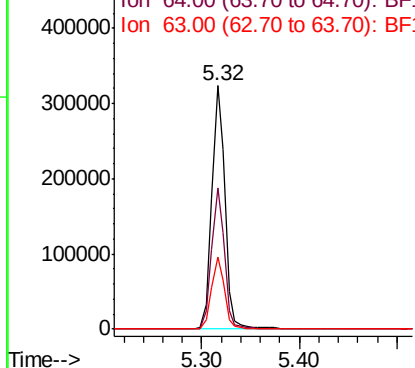
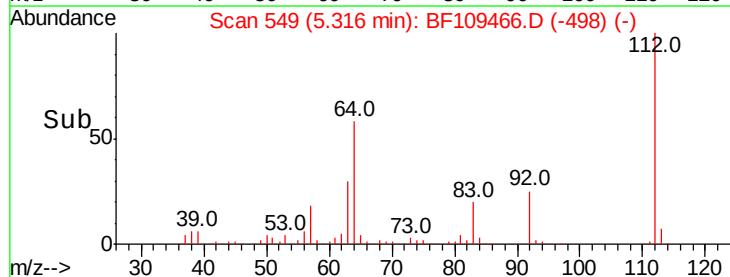
#5

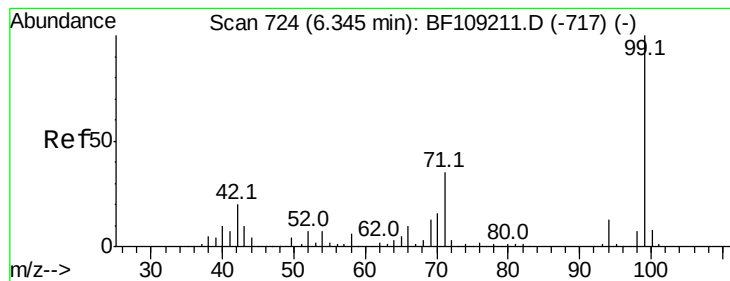
2-Fluorophenol
Concen: 43.617 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109466.D
Acq: 29 Sep 2018 8:10

Tgt Ion:112 Resp: 302739
Ion Ratio Lower Upper
112 100
64 58.2 47.9 71.9
63 29.7 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: 27.650 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109466.D

Acq: 29 Sep 2018 8:10

Instrument :

BNA_F

ClientSampleId :

092618-JETT-F-U-M

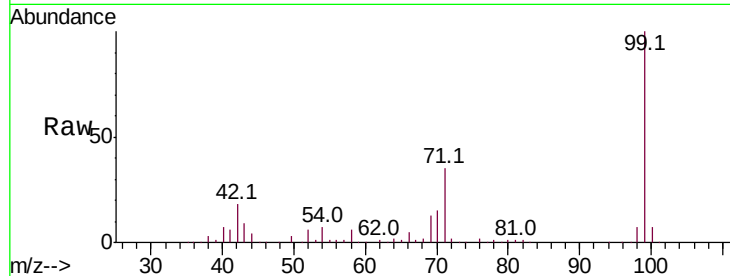
Tot Ion: 99 Resp: 244893

Ion Ratio Lower Upper

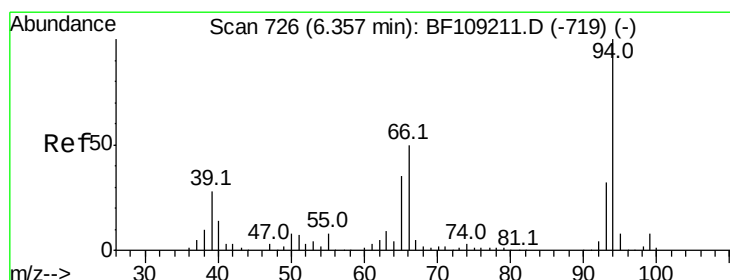
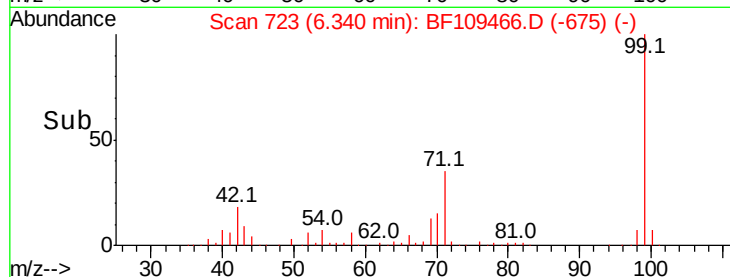
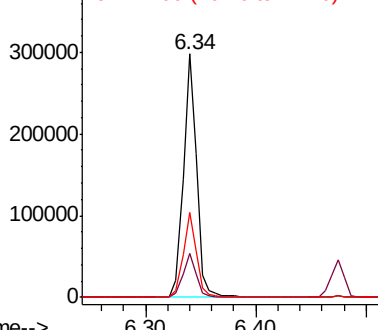
99 100

42 17.9 14.5 21.7

71 34.7 25.4 38.0



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: 2.969 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF109466.D

Acq: 29 Sep 2018 8:10

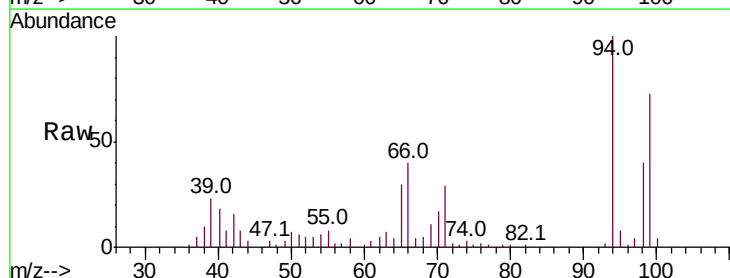
Tgt Ion: 94 Resp: 29778

Ion Ratio Lower Upper

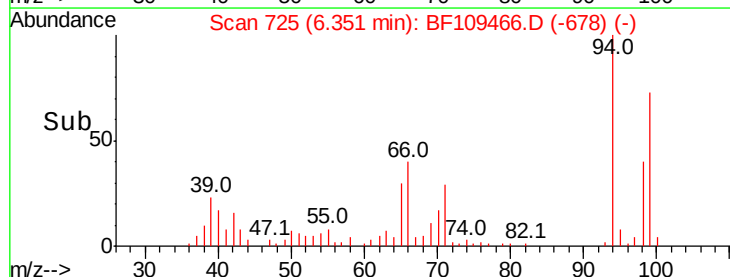
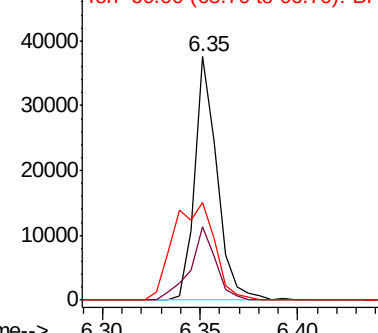
94 100

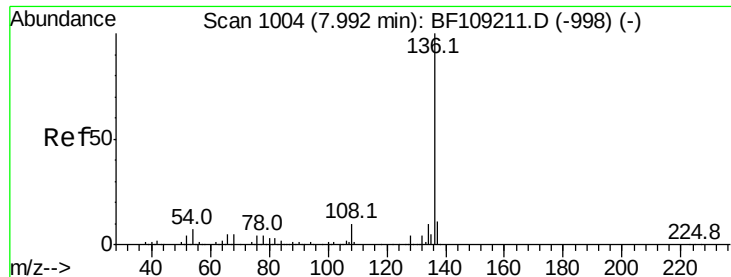
65 30.1 7.9 47.9

66 40.2 16.2 56.2



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: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109466.D

Acq: 29 Sep 2018 8:10

Instrument :

BNA_F

ClientSampleId :

092618-JETT-F-U-M

Tot Ion:136 Resp: 429020

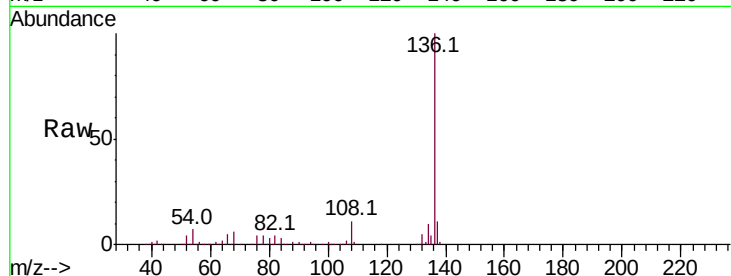
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.4 6.6 9.8

68 5.9 5.0 7.4

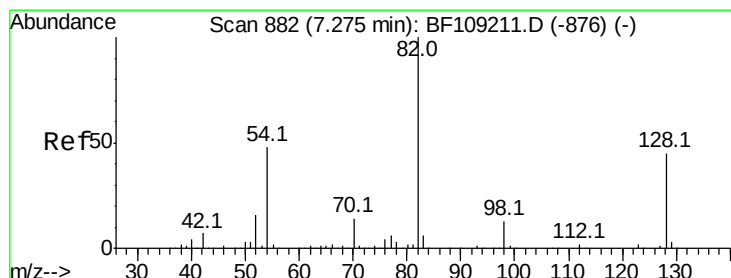
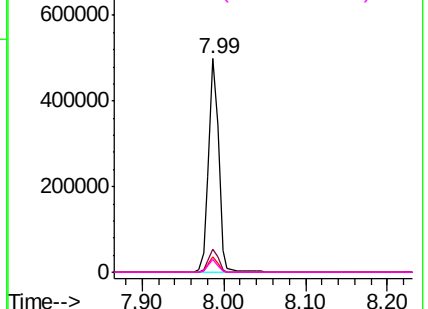
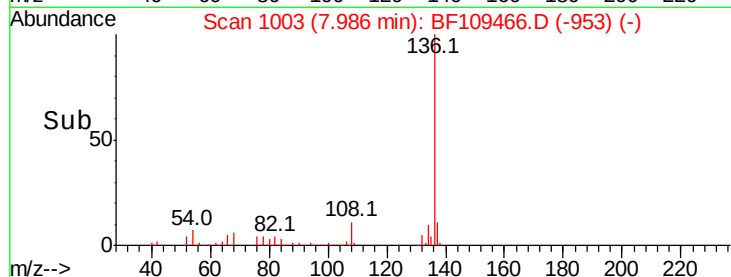


Abundance Ion 136.00 (135.70 to 136.70): E

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: 101.902 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF109466.D

Acq: 29 Sep 2018 8:10

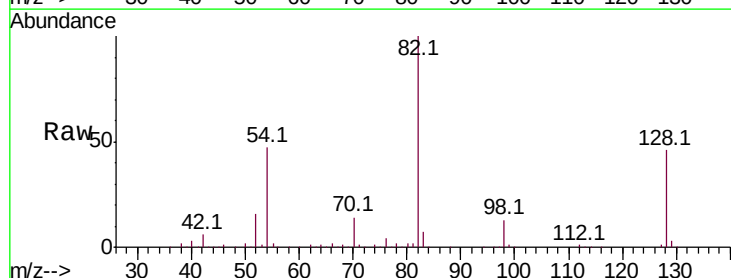
Tgt Ion: 82 Resp: 740589

Ion Ratio Lower Upper

82 100

128 45.7 36.1 54.1

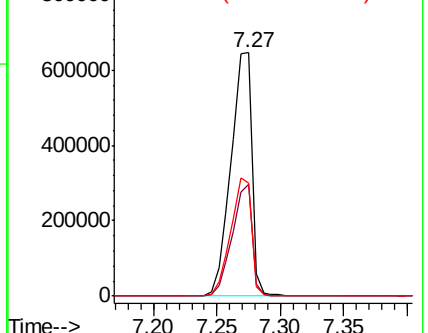
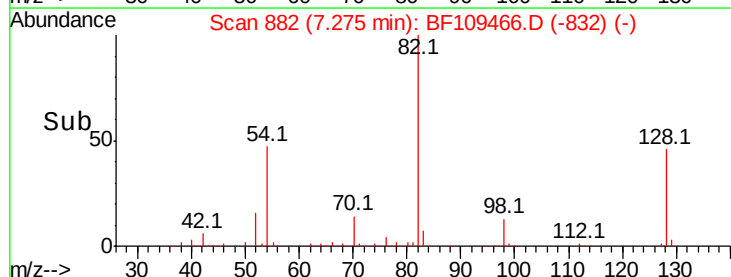
54 46.6 41.4 62.2

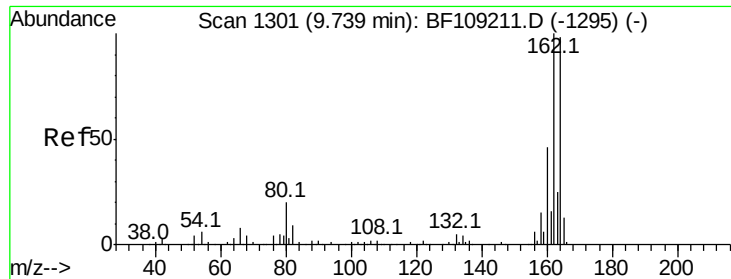


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

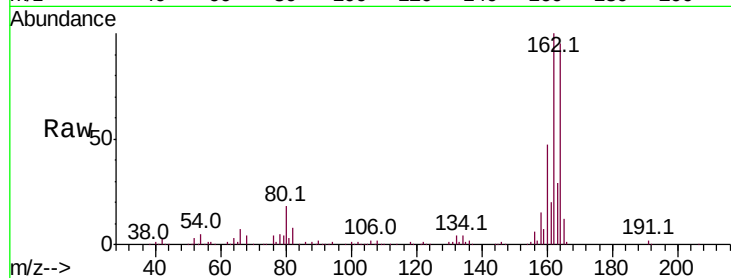




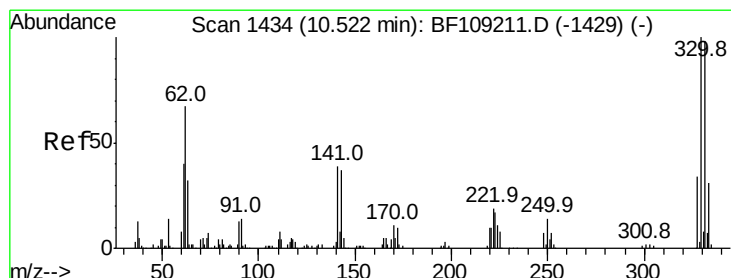
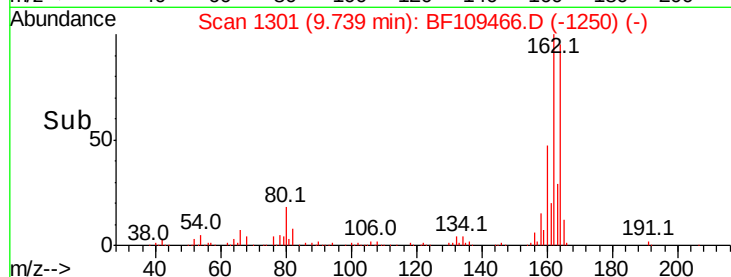
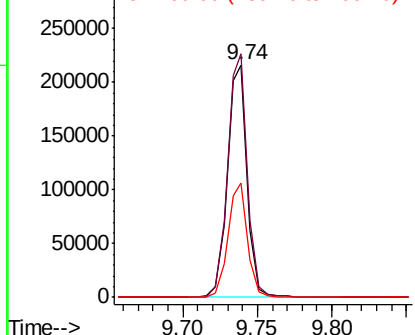
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109466.D
 Acq: 29 Sep 2018 8:10

Instrument :
 BNA_F
 ClientSampleId :
 092618-JETT-F-U-M

Tot Ion:164 Resp: 202158
 Ion Ratio Lower Upper
 164 100
 162 104.7 86.1 129.1
 160 49.3 38.3 57.5

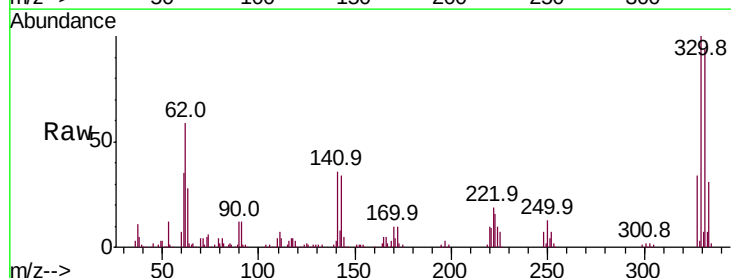


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

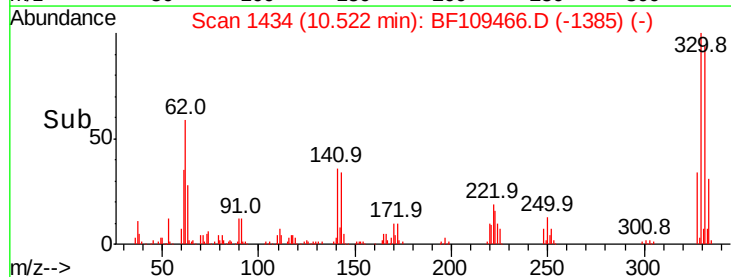
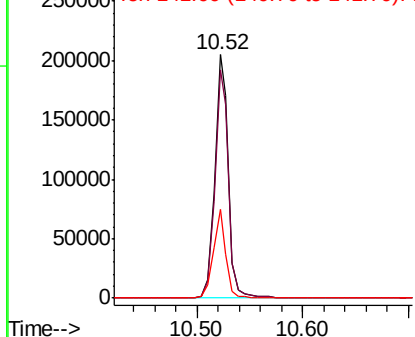


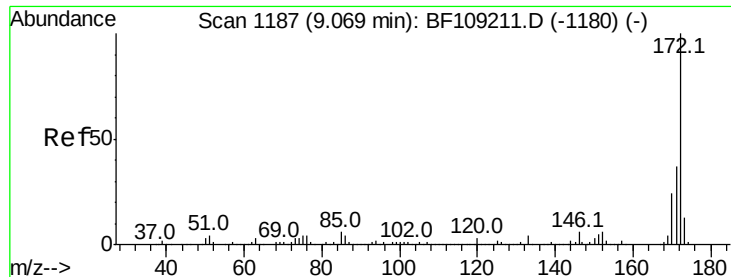
#41
 2,4,6-Tribromophenol
 Concen: 94.173 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109466.D
 Acq: 29 Sep 2018 8:10

Tgt Ion:330 Resp: 187673
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.0 115.6
 141 33.4 29.9 44.9



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



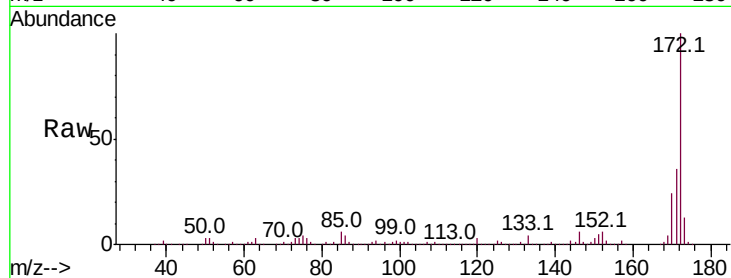


#44
 2-Fluorobiphenyl
 Concen: 93.460 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109466.D
 Acq: 29 Sep 2018 8:10

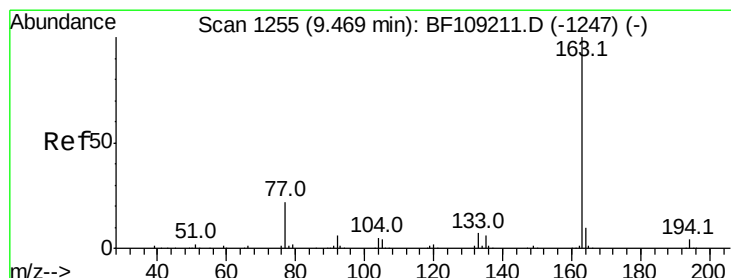
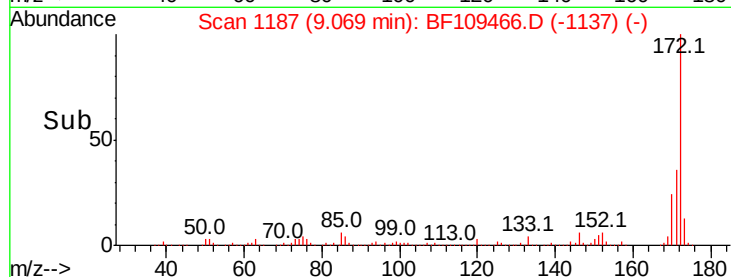
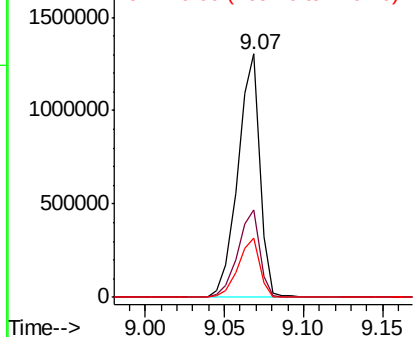
Instrument :
 BNA_F
 ClientSampleId :
 092618-JETT-F-U-M

Tot Ion:172 Resp: 1252738

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.4	19.6	29.4



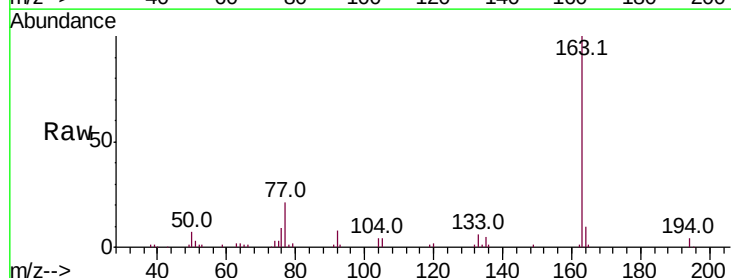
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



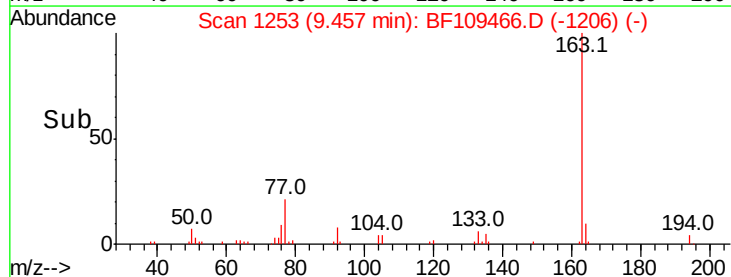
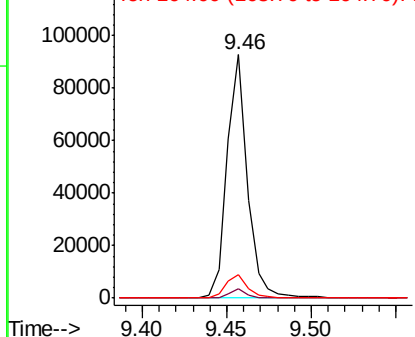
#49
 Dimethylphthalate
 Concen: 5.276 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF109466.D
 Acq: 29 Sep 2018 8:10

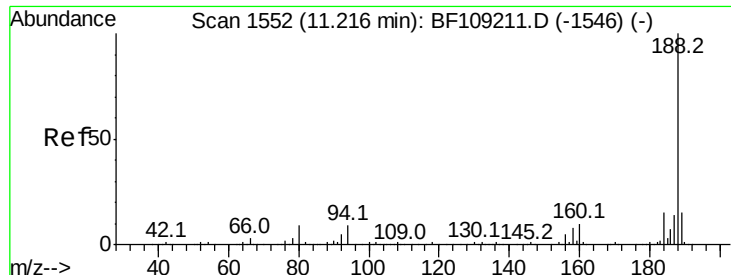
Tgt Ion:163 Resp: 77572

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	9.6	8.2	12.2



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

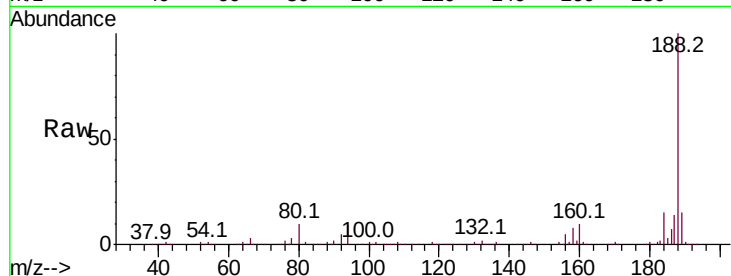




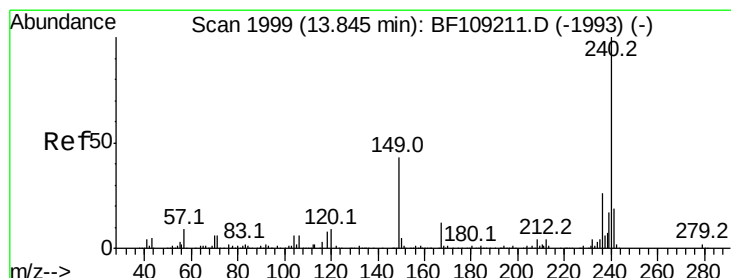
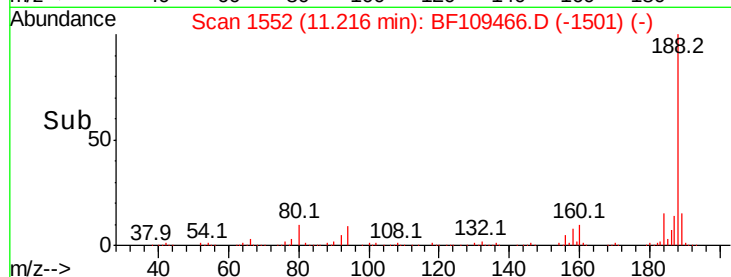
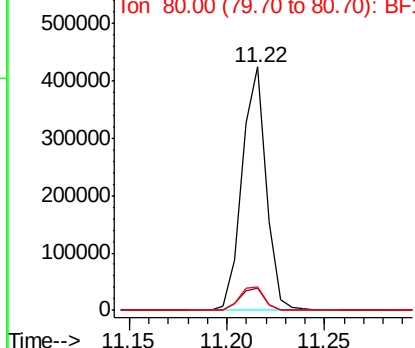
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF109466.D
 Acq: 29 Sep 2018 8:10

Instrument :
 BNA_F
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 092618-JETT-F-U-M

Tot Ion:	188	Resp:	364751
Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	9.5	9.2	13.8

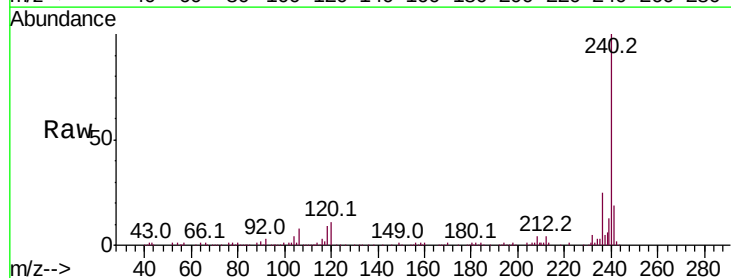


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

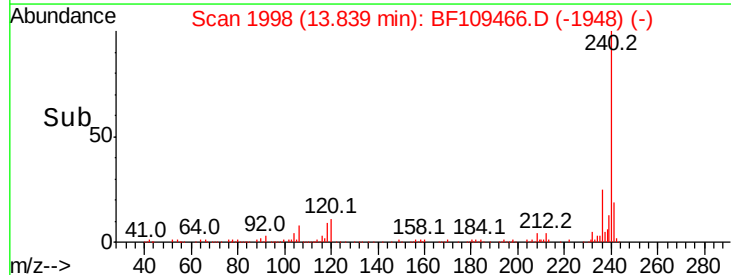
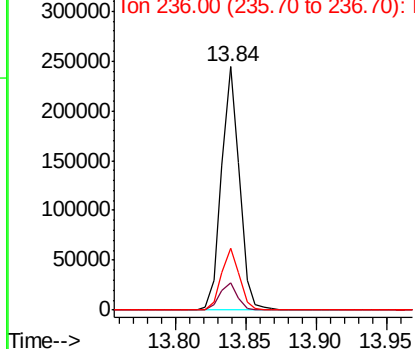


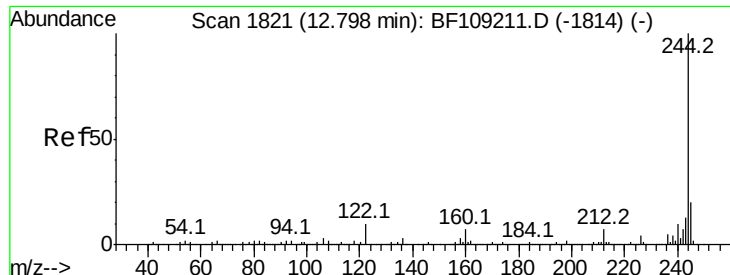
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF109466.D
 Acq: 29 Sep 2018 8:10

Tgt Ion:	240	Resp:	216372
Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.5	14.3
236	25.2	20.7	31.1



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: 126.702 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109466.D

Acq: 29 Sep 2018 8:10

Instrument :

BNA_F

ClientSampleId :

092618-JETT-F-U-M

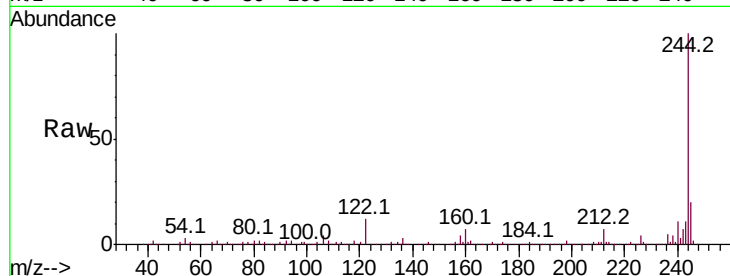
Tot Ion:244 Resp: 1117067

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

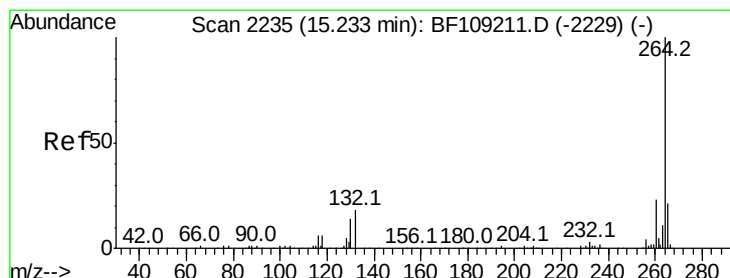
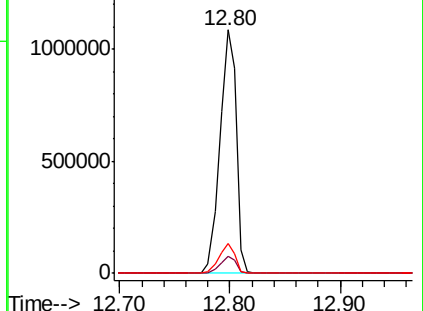
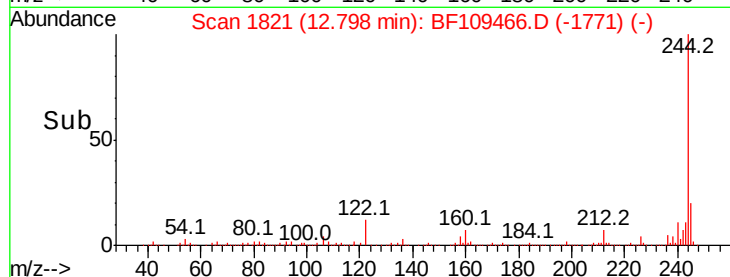
122 12.0 11.0 16.4



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: 15.24 min Scan# 2237

Delta R.T. 0.01 min

Lab File: BF109466.D

Acq: 29 Sep 2018 8:10

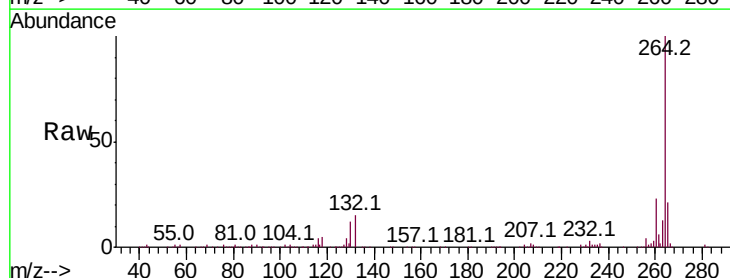
Tgt Ion:264 Resp: 219216

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.1 17.5 26.3



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

