

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
 Data File : BF109456.D
 Acq On : 29 Sep 2018 3:47
 Operator : JU/SJ
 Sample : J5133-09
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092618-DBRI-F-U-B

Quant Time: Oct 01 03:48:25 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

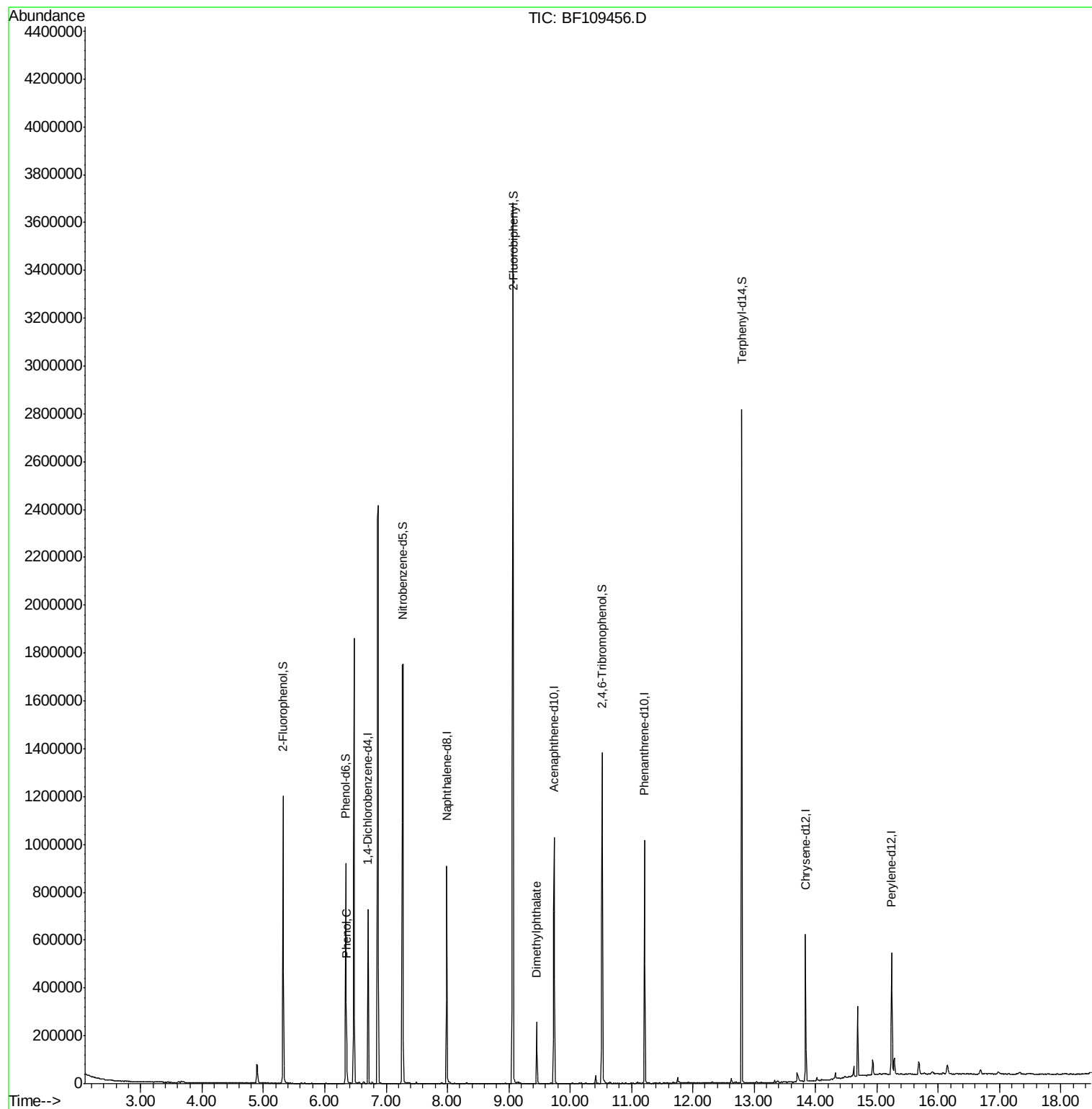
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	109677	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	412230	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	188819	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	341031	20.00	ng	0.00
75) Chrysene-d12	13.84	240	214699	20.00	ng	0.00
86) Perylene-d12	15.24	264	229753	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	315421	47.37	ng	0.00
7) Phenol-d6	6.35	99	291942	34.36	ng	-0.01
23) Nitrobenzene-d5	7.27	82	682883	97.79	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	163968	88.09	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1155371	92.29	ng	0.00
78) Terphenyl-d14	12.80	244	1006580	115.06	ng	0.00
Target Compounds						
10) Phenol	6.36	94	35994	3.741	ng	98
49) Dimethylphthalate	9.46	163	98716	7.188	ng	100

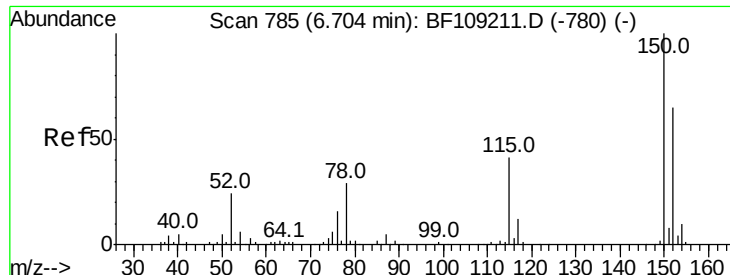
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF109456.D

Acq: 29 Sep 2018 3:47

Instrument :

BNA_F

ClientSampleId :

092618-DBRI-F-U-B

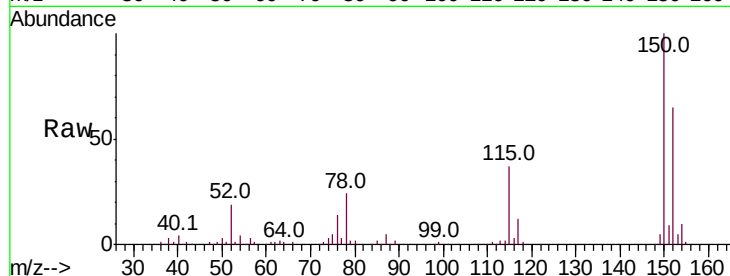
Tot Ion:152 Resp: 109677

Ion Ratio Lower Upper

152 100

150 154.7 124.6 186.8

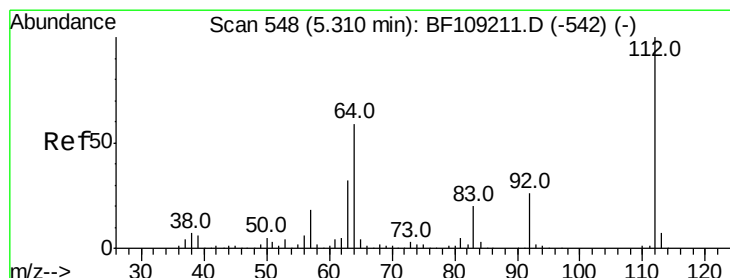
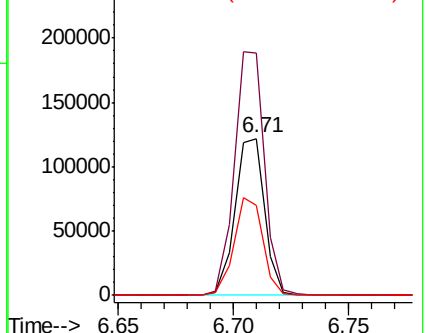
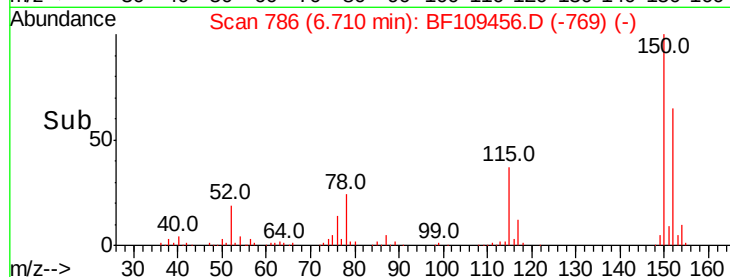
115 57.5 50.1 75.1



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: 47.368 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF109456.D

Acq: 29 Sep 2018 3:47

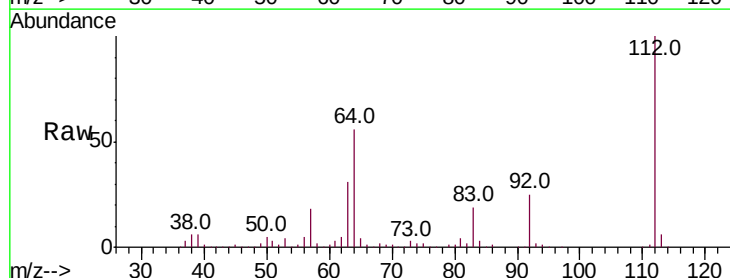
Tgt Ion:112 Resp: 315421

Ion Ratio Lower Upper

112 100

64 56.0 47.9 71.9

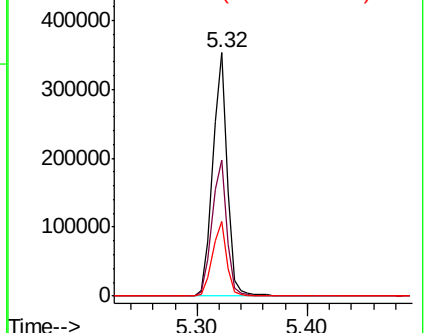
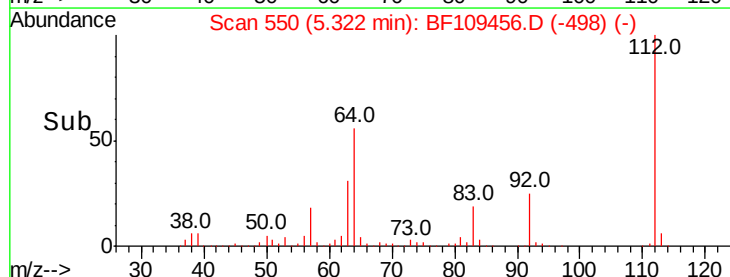
63 30.5 23.7 35.5

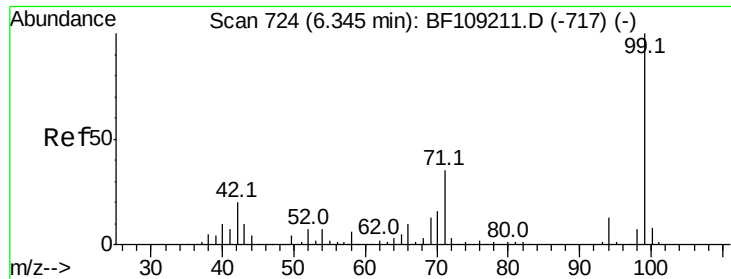


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 34.358 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109456.D

Acq: 29 Sep 2018 3:47

Instrument :

BNA_F

ClientSampleId :

092618-DBRI-F-U-B

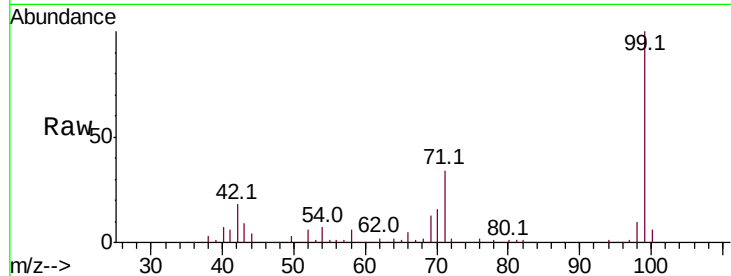
Tot Ion: 99 Resp: 291942

Ion Ratio Lower Upper

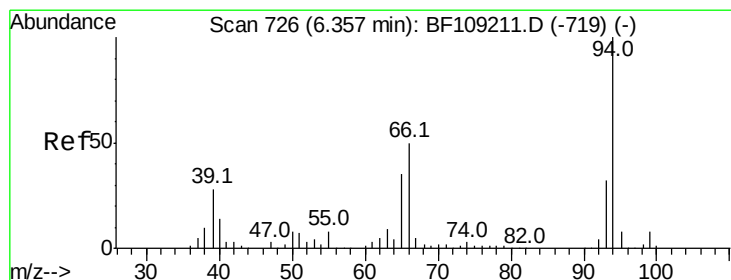
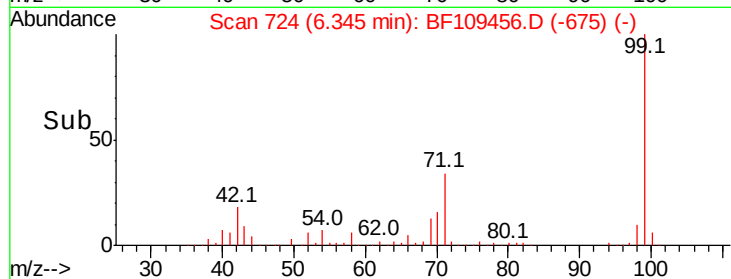
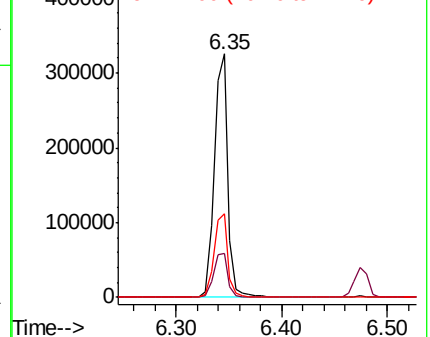
99 100

42 18.0 14.5 21.7

71 34.1 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: 3.741 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF109456.D

Acq: 29 Sep 2018 3:47

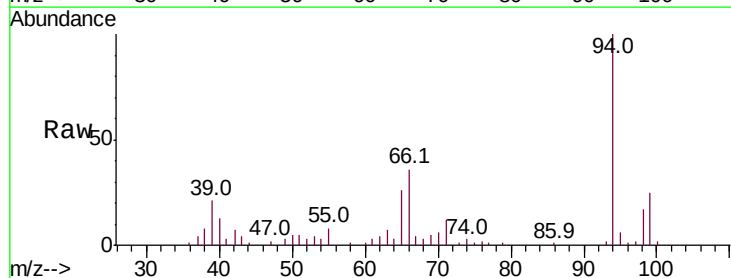
Tgt Ion: 94 Resp: 35994

Ion Ratio Lower Upper

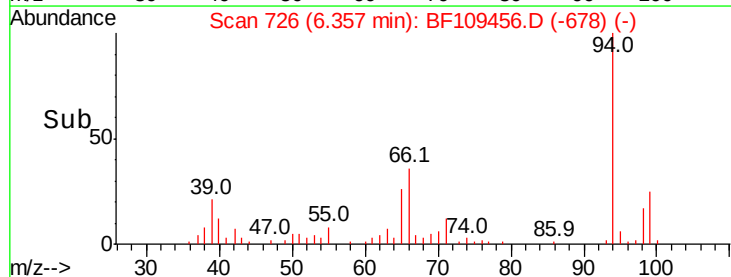
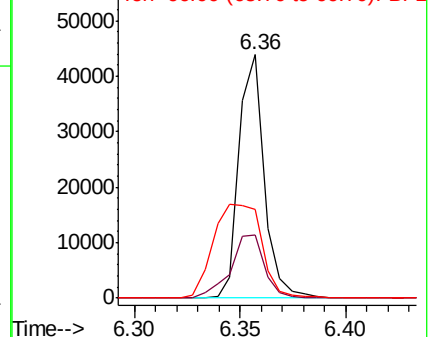
94 100

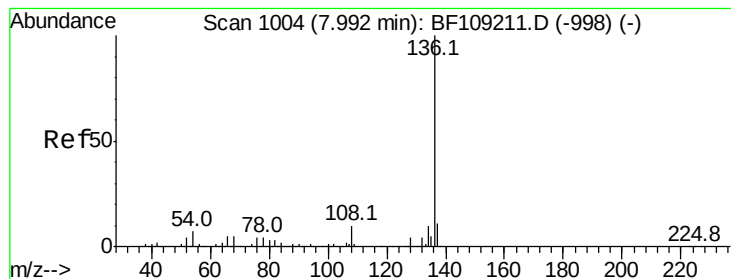
65 25.7 7.9 47.9

66 36.3 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: BF109456.D

Acq: 29 Sep 2018 3:47

Instrument :

BNA_F

ClientSampleId :

092618-DBRI-F-U-B

Tot Ion:136 Resp: 412230

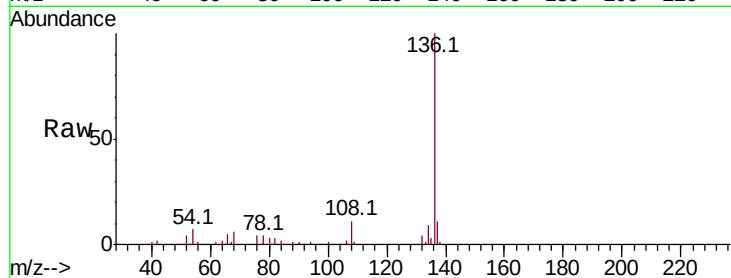
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.3 6.6 9.8

68 5.9 5.0 7.4

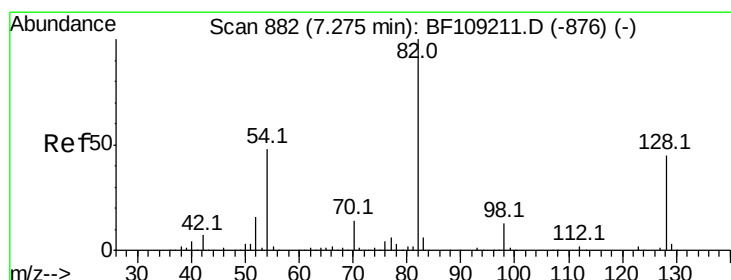
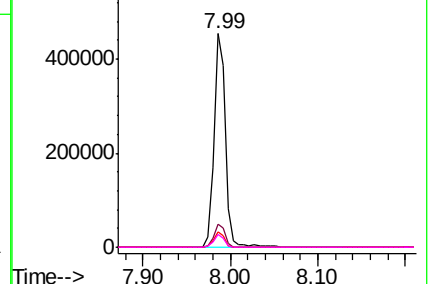
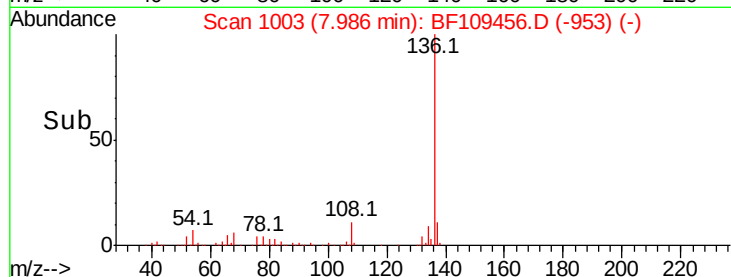


Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.789 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF109456.D

Acq: 29 Sep 2018 3:47

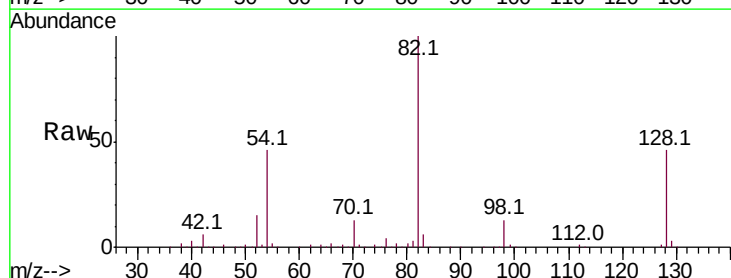
Tgt Ion: 82 Resp: 682883

Ion Ratio Lower Upper

82 100

128 45.9 36.1 54.1

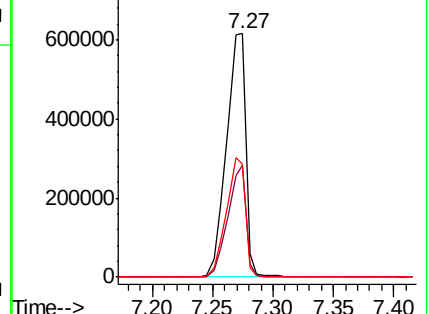
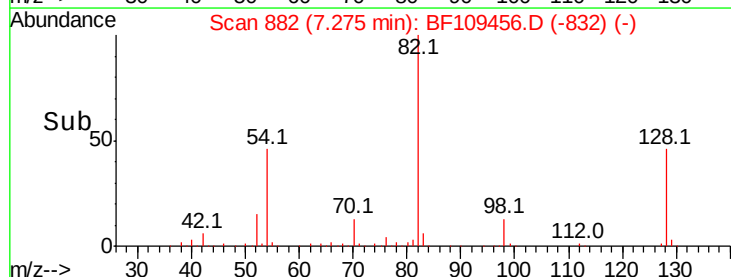
54 46.3 41.4 62.2

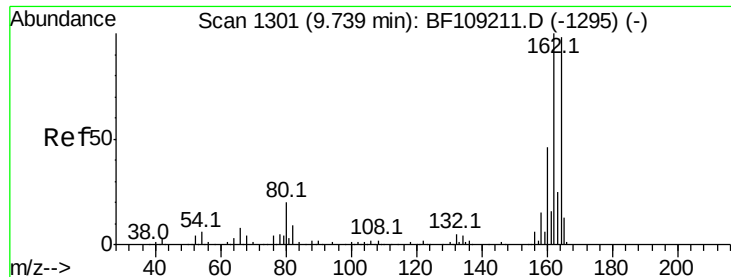


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: BF109456.D

Acq: 29 Sep 2018 3:47

Instrument :

BNA_F

ClientSampleId :

092618-DBRI-F-U-B

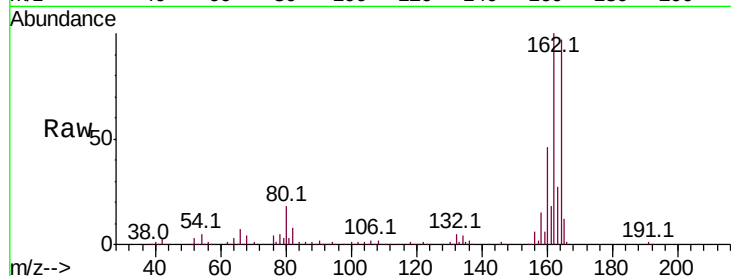
Tot Ion:164 Resp: 188819

Ion Ratio Lower Upper

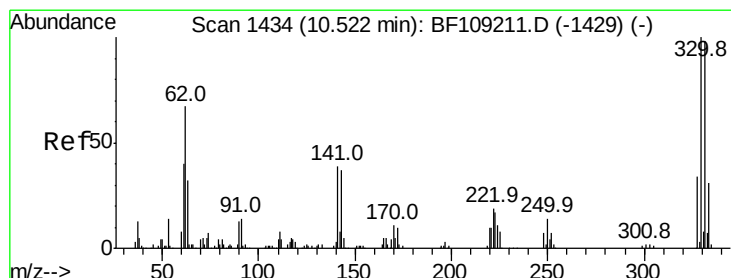
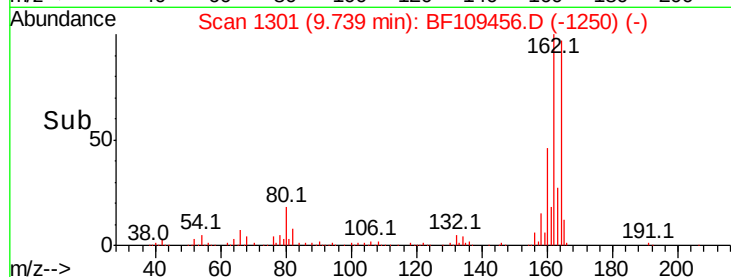
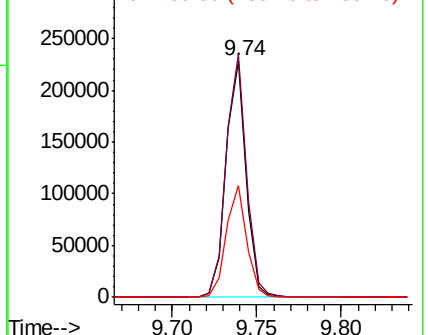
164 100

162 103.0 86.1 129.1

160 47.1 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: 88.090 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF109456.D

Acq: 29 Sep 2018 3:47

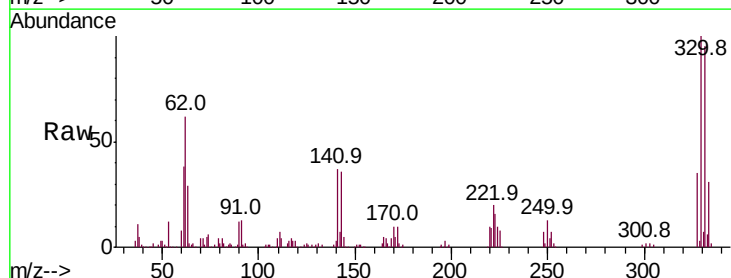
Tgt Ion:330 Resp: 163968

Ion Ratio Lower Upper

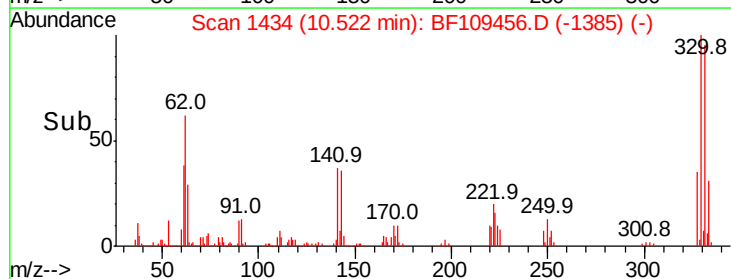
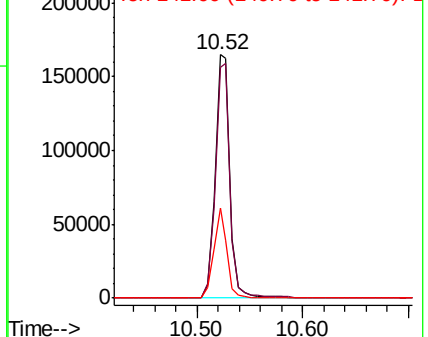
330 100

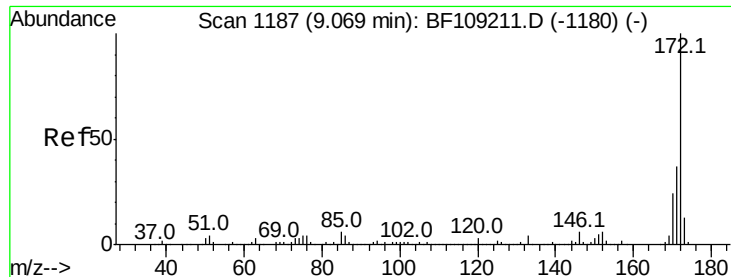
332 95.9 77.0 115.6

141 32.9 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



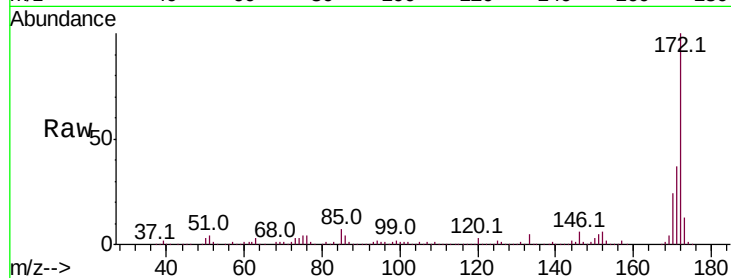


#44
2-Fluorobiphenyl
Concen: 92.285 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF109456.D
Acq: 29 Sep 2018 3:47

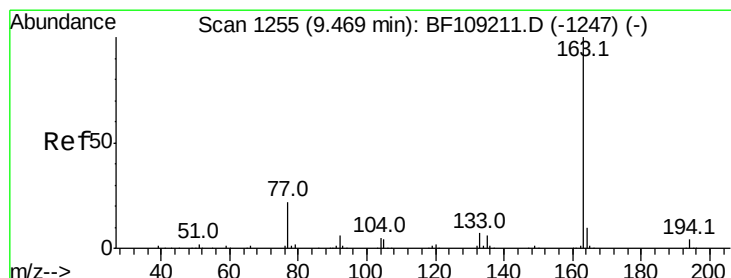
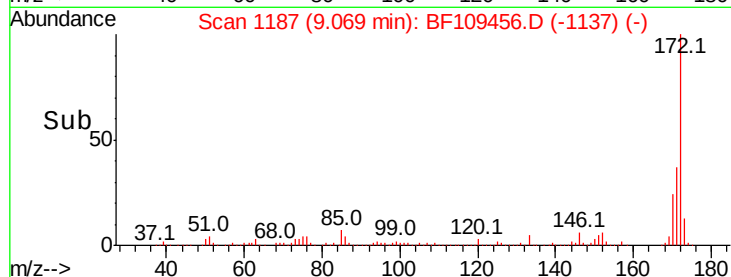
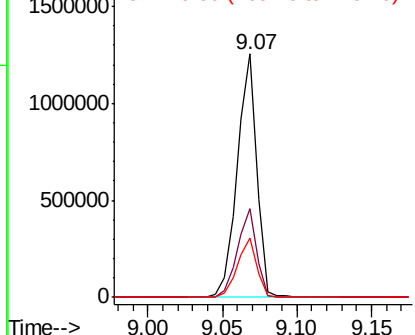
Instrument :
BNA_F
ClientSampleId :
092618-DBRI-F-U-B

Tot Ion:172 Resp: 1155371

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.5	19.6	29.4



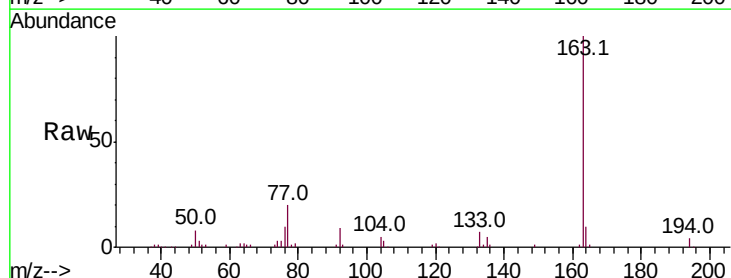
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



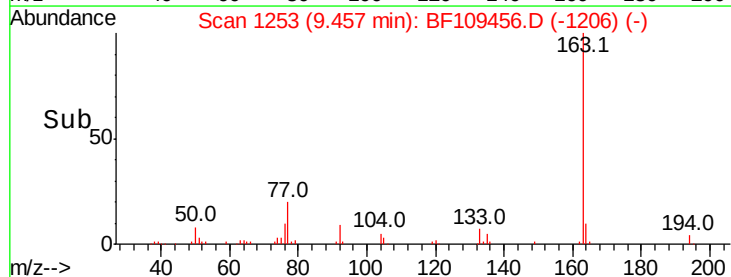
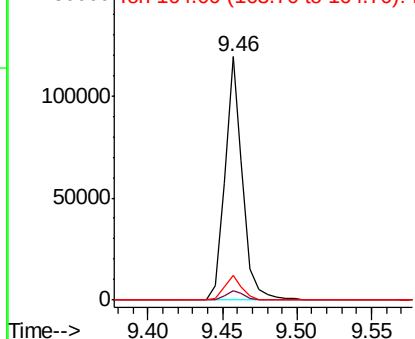
#49
Dimethylphthalate
Concen: 7.188 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109456.D
Acq: 29 Sep 2018 3:47

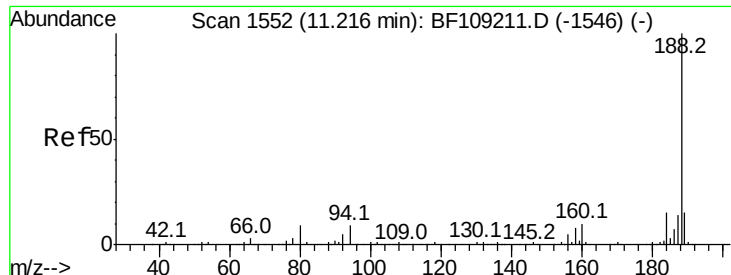
Tgt Ion:163 Resp: 98716

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.3	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

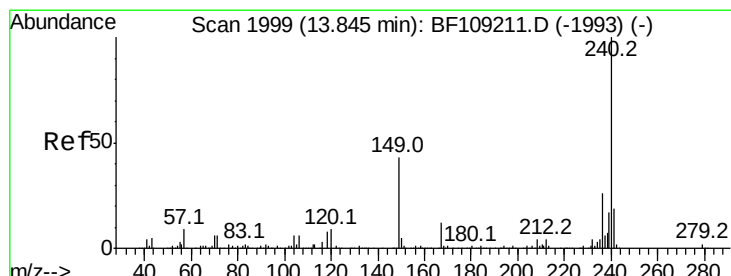
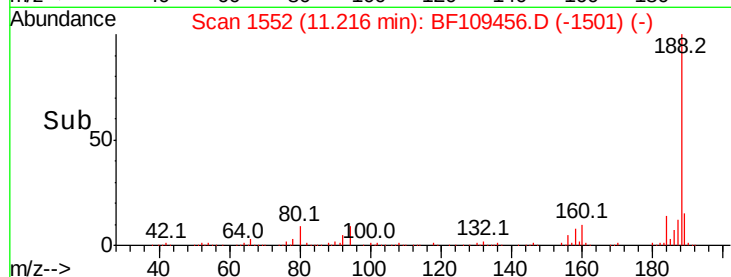
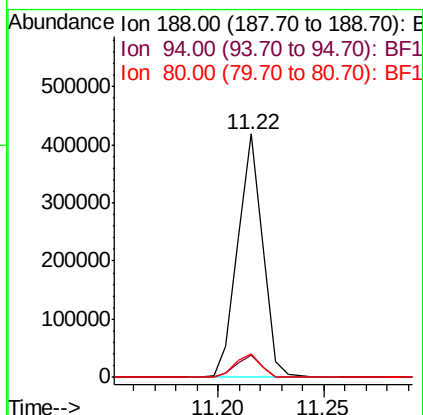
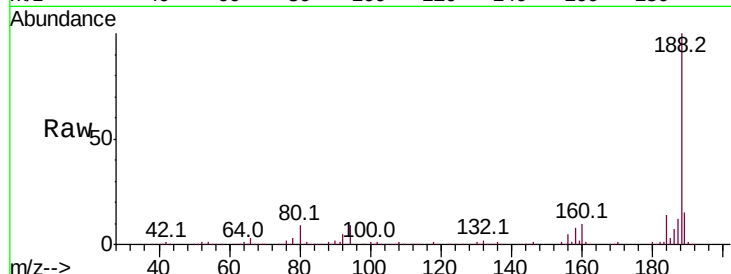




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.00 min
 Lab File: BF109456.D
 Acq: 29 Sep 2018 3:47

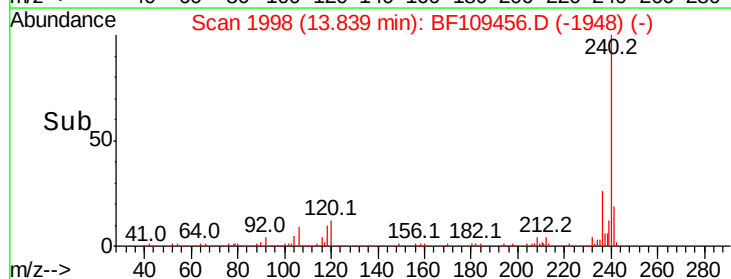
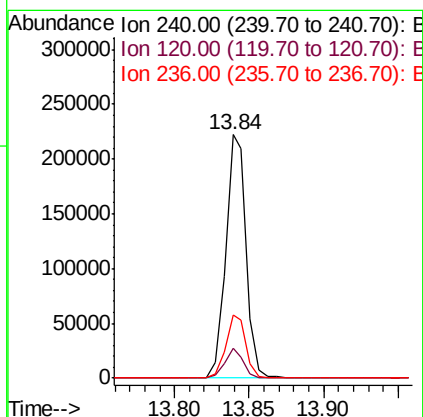
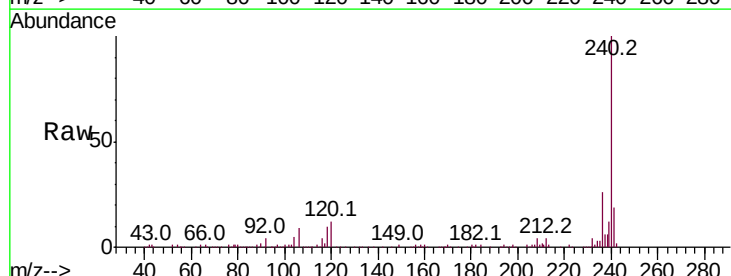
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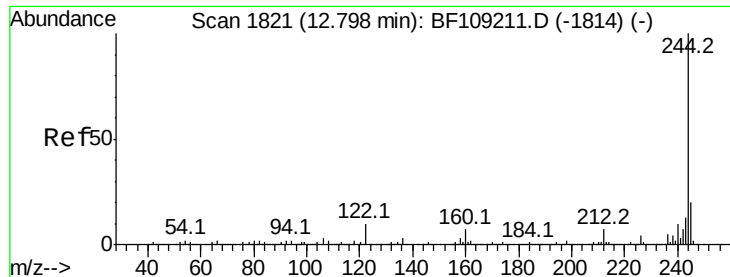
Tot Ion:	188	Resp:	341031
Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	9.4	9.2	13.8



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF109456.D
 Acq: 29 Sep 2018 3:47

Tgt Ion:	240	Resp:	214699
Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.5	14.3
236	25.9	20.7	31.1





#78

Terphenyl-d14

Concen: 115.059 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109456.D

Acq: 29 Sep 2018 3:47

Instrument :

BNA_F

ClientSampleId :

092618-DBRI-F-U-B

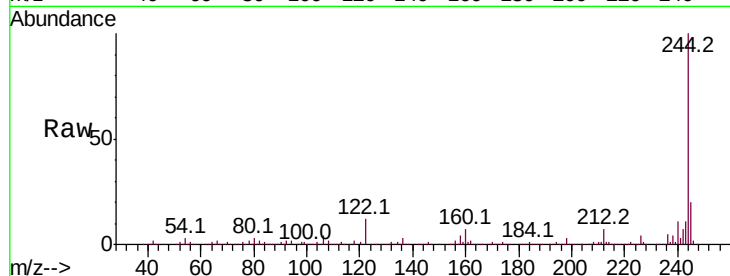
Tot Ion:244 Resp: 1006580

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

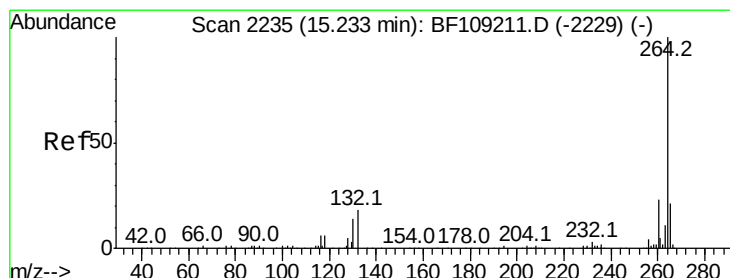
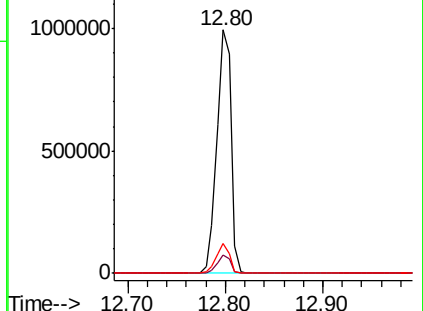
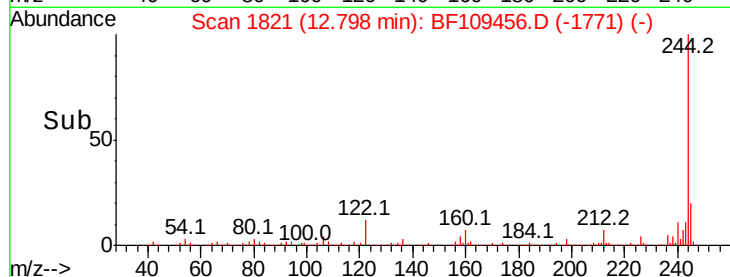
122 12.5 11.0 16.4



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: BF109456.D

Acq: 29 Sep 2018 3:47

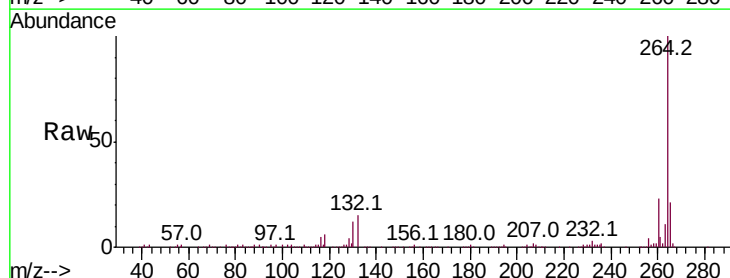
Tgt Ion:264 Resp: 229753

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.2 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

