

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
 Data File : BF109460.D
 Acq On : 29 Sep 2018 5:33
 Operator : JU/SJ
 Sample : J5133-13
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

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

Quant Time: Oct 01 03:52:43 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

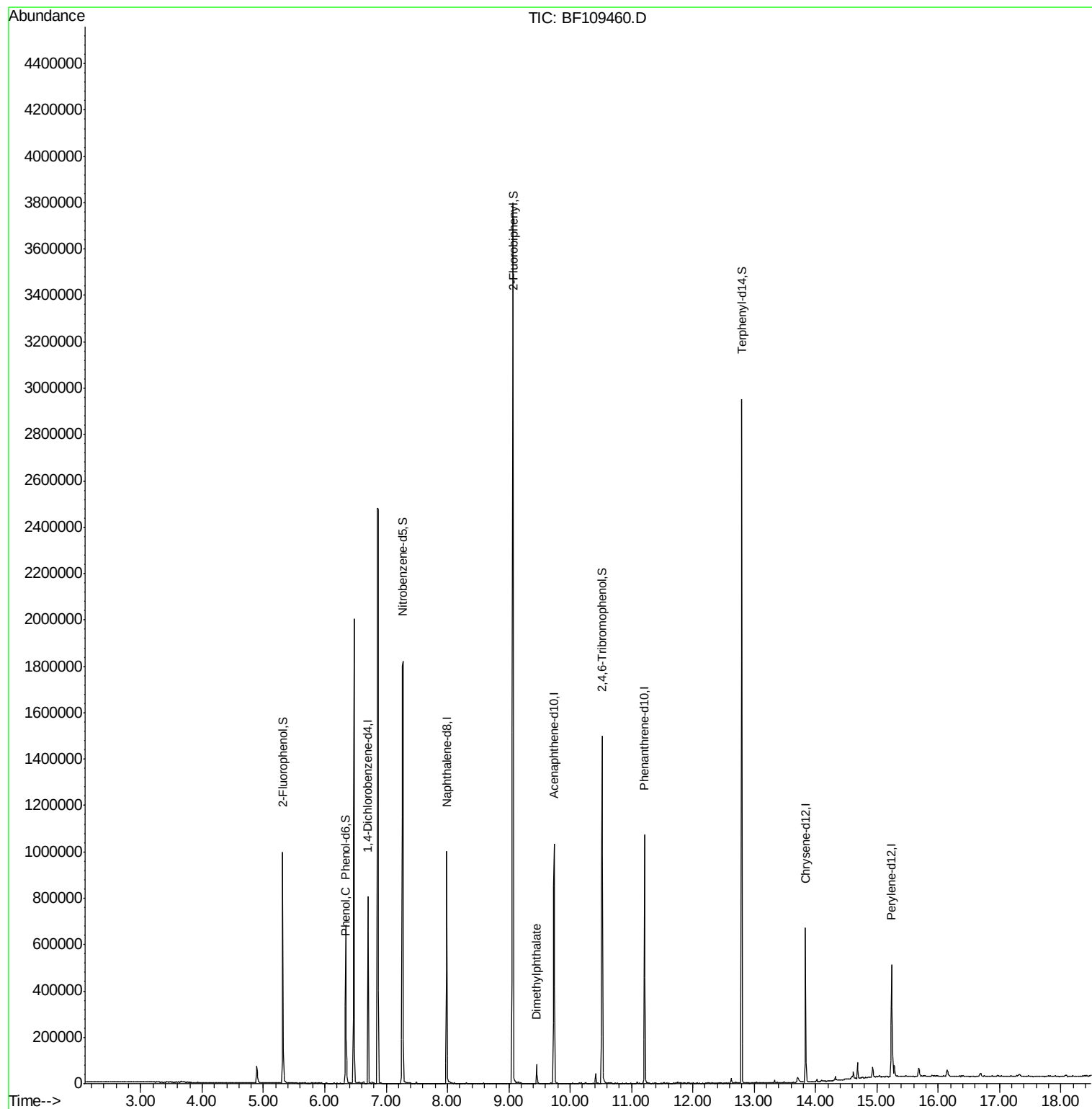
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	117176	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	440957	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	205094	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	373010	20.00	ng	0.00
75) Chrysene-d12	13.84	240	219673	20.00	ng	0.00
86) Perylene-d12	15.24	264	221753	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	260941	36.68	ng	0.00
7) Phenol-d6	6.34	99	203867	22.46	ng	-0.02
23) Nitrobenzene-d5	7.27	82	724777	97.03	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	177865	87.97	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1243127	91.42	ng	0.00
78) Terphenyl-d14	12.80	244	1039445	116.13	ng	0.00
Target Compounds						
10) Phenol	6.35	94	29591	2.878	ng	97
49) Dimethylphthalate	9.46	163	35214	2.361	ng	99

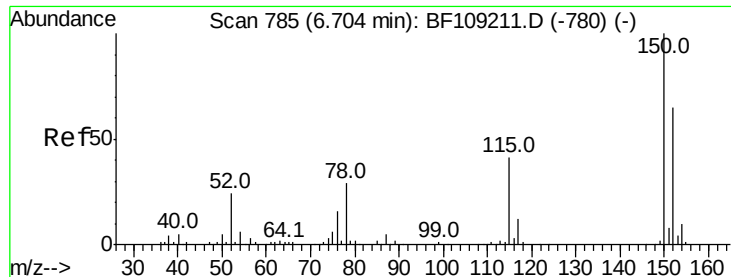
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF109460.D

Acq: 29 Sep 2018 5:33

Instrument :

BNA_F

ClientSampleId :

092618-TIPC-F-U-B

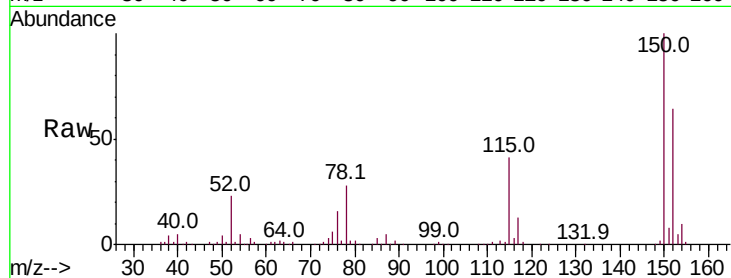
Tot Ion:152 Resp: 117176

Ion Ratio Lower Upper

152 100

150 156.1 124.6 186.8

115 63.5 50.1 75.1

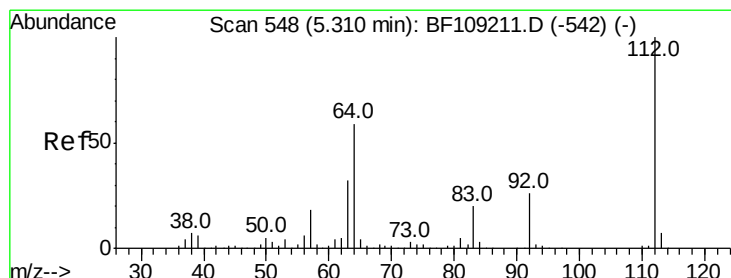
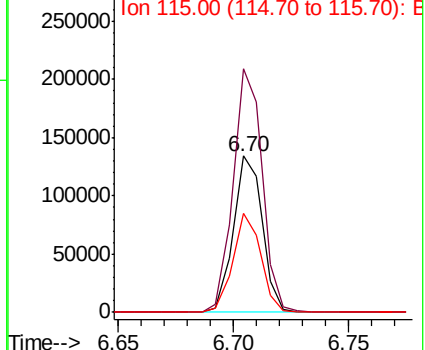
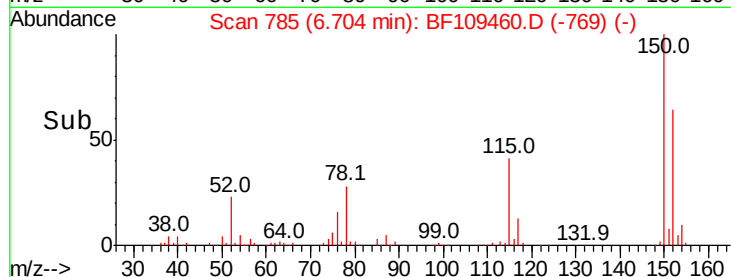


Abundance

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: 36.679 ng

RT: 5.32 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF109460.D

Acq: 29 Sep 2018 5:33

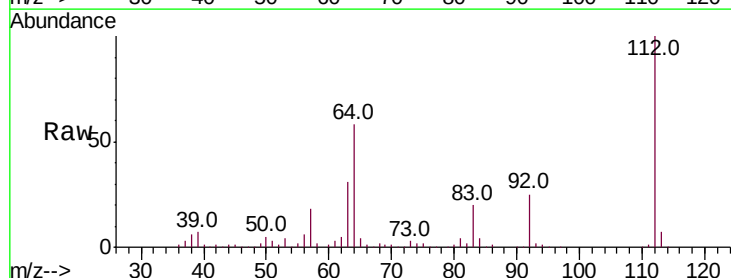
Tgt Ion:112 Resp: 260941

Ion Ratio Lower Upper

112 100

64 58.4 47.9 71.9

63 30.7 23.7 35.5

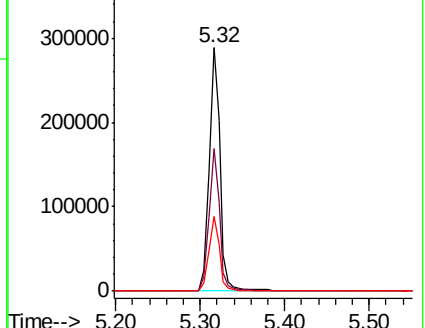
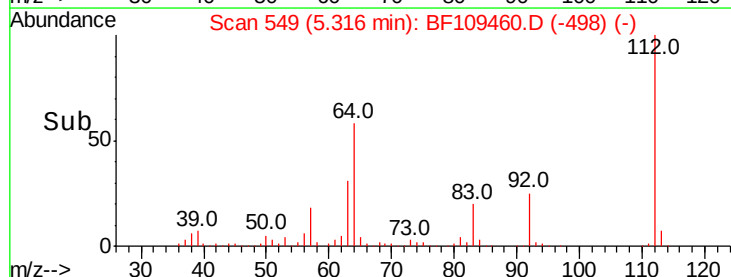


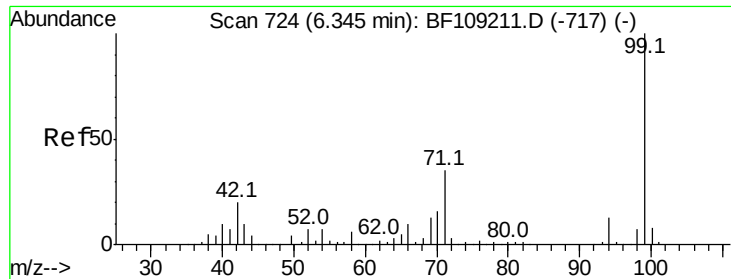
Abundance

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: 22.457 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109460.D

Acq: 29 Sep 2018 5:33

Instrument :

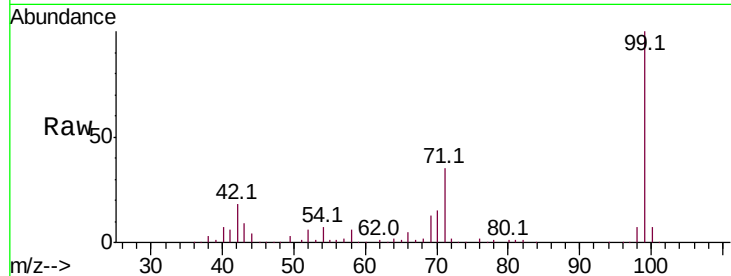
BNA_F

ClientSampleId :

092618-TIPC-F-U-B

Tot Ion: 99 Resp: 203867

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.5	21.7
71	35.0	25.4	38.0

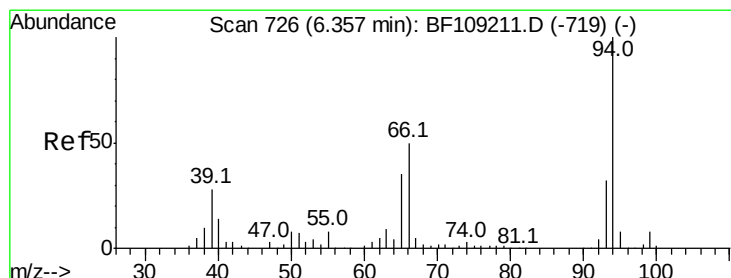
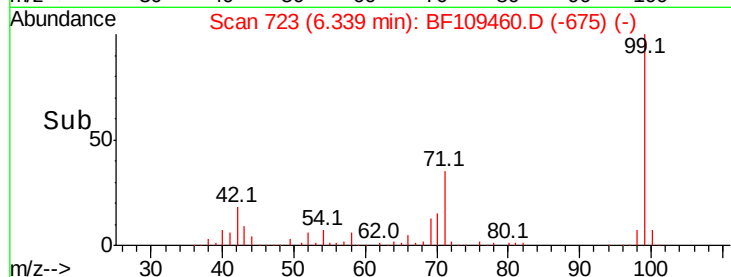
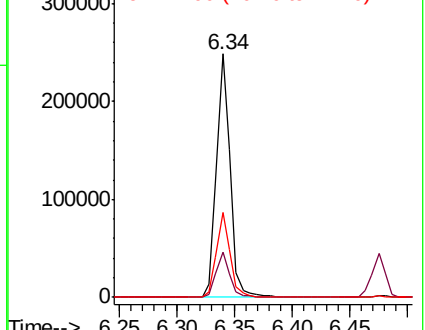


Abundance

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: 2.878 ng

RT: 6.35 min Scan# 725

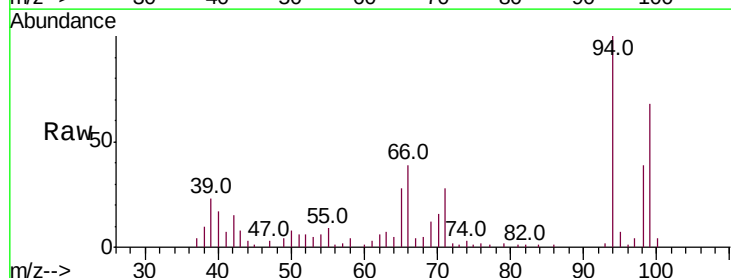
Delta R.T. -0.02 min

Lab File: BF109460.D

Acq: 29 Sep 2018 5:33

Tgt Ion: 94 Resp: 29591

Ion	Ratio	Lower	Upper
94	100		
65	27.7	7.9	47.9
66	39.0	16.2	56.2

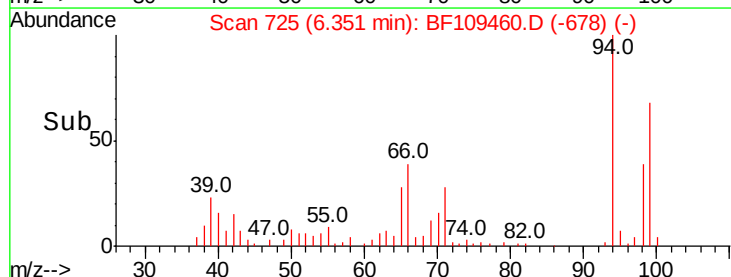
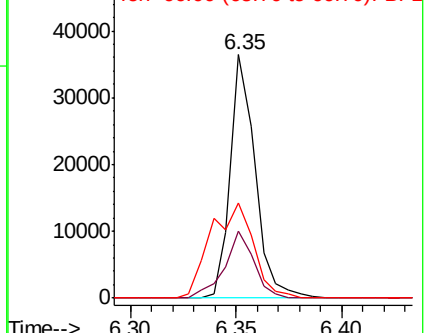


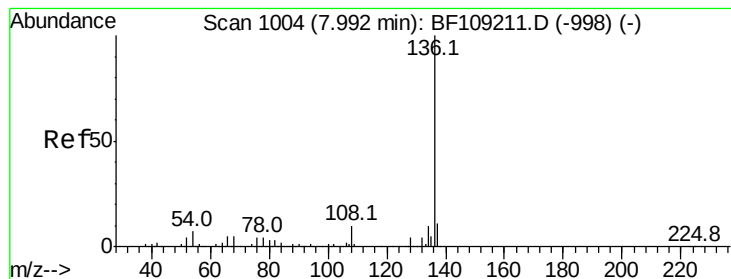
Abundance

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: BF109460.D

Acq: 29 Sep 2018 5:33

Instrument :

BNA_F

ClientSampleId :

092618-TIPC-F-U-B

Tot Ion:136 Resp: 440957

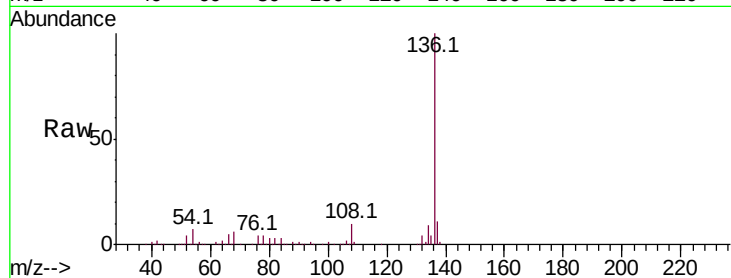
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.8 6.6 9.8

68 5.8 5.0 7.4

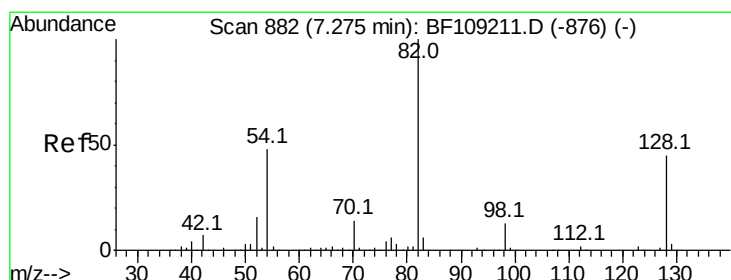
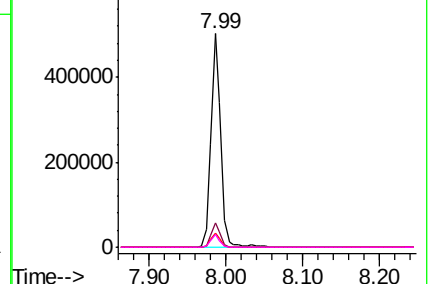
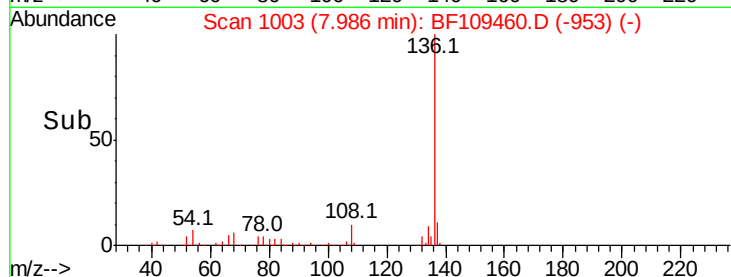


Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.027 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF109460.D

Acq: 29 Sep 2018 5:33

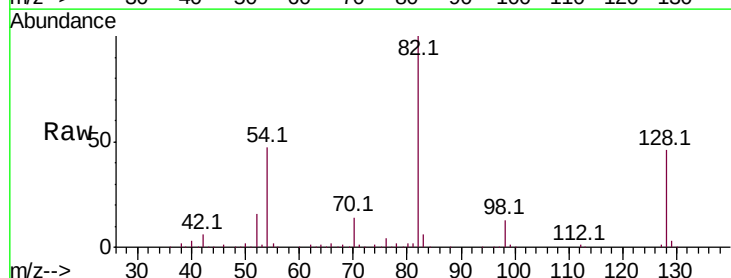
Tgt Ion: 82 Resp: 724777

Ion Ratio Lower Upper

82 100

128 45.9 36.1 54.1

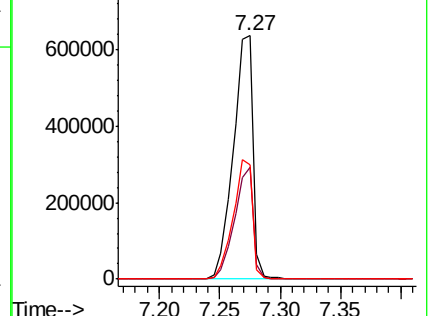
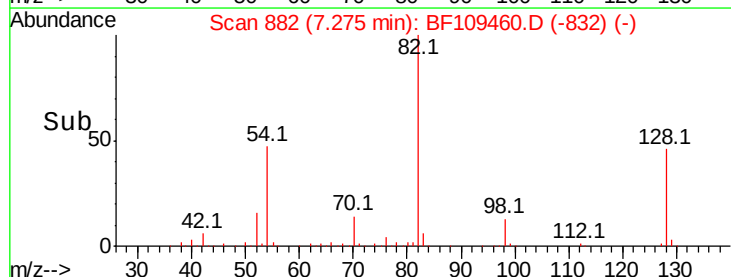
54 46.8 41.4 62.2

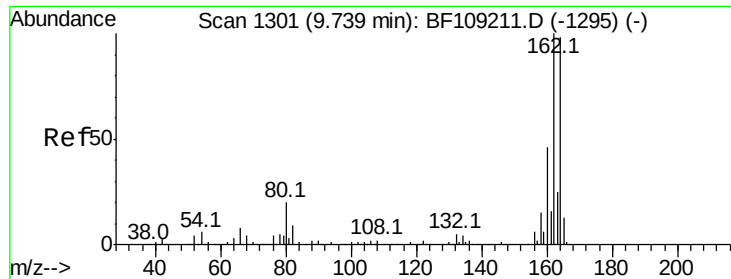


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

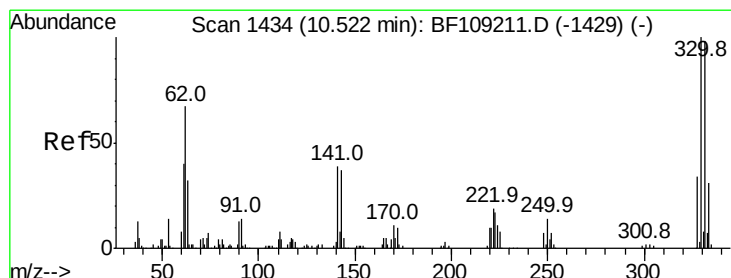
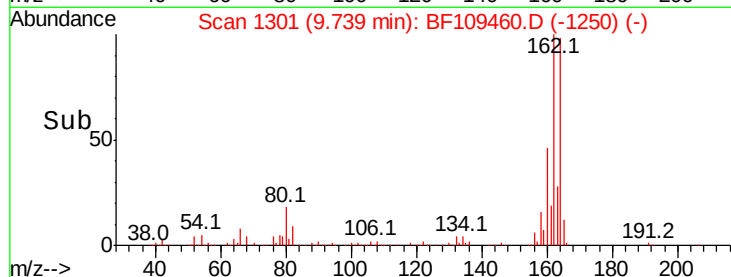
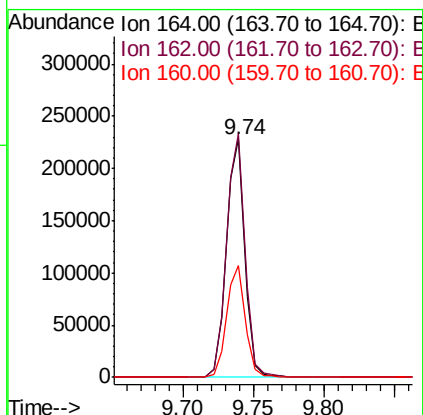
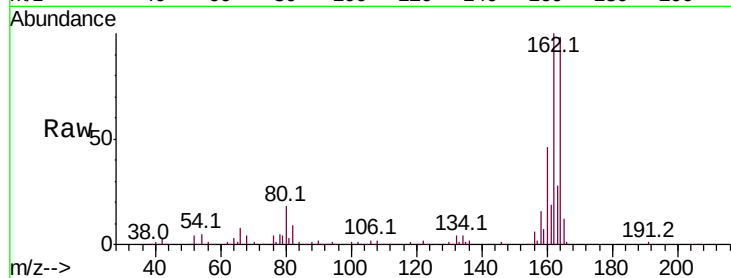




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109460.D
 Acq: 29 Sep 2018 5:33

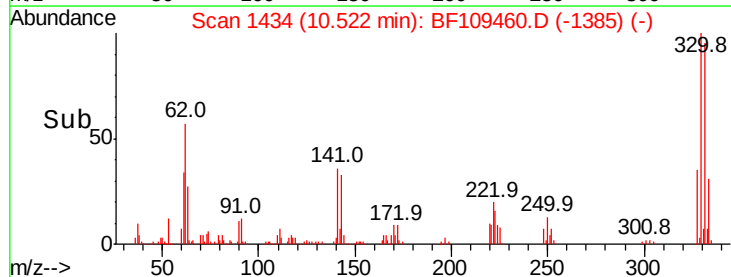
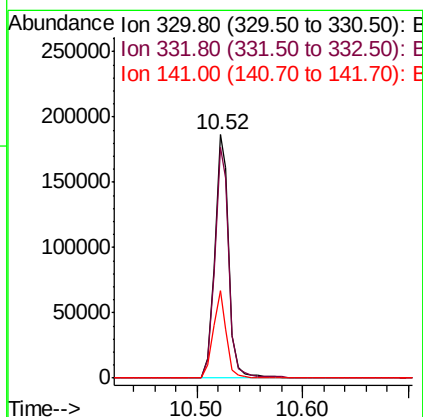
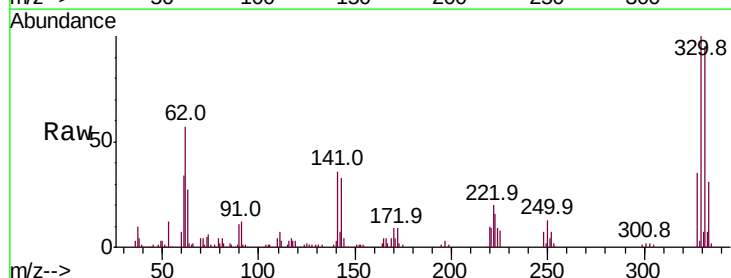
Instrument :
 BNA_F
 ClientSampleId :
 092618-TIPC-F-U-B

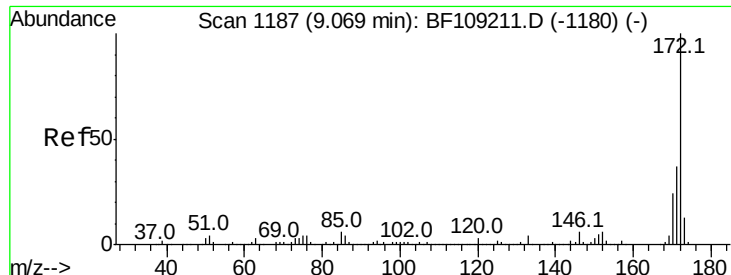
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	46.9	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 87.974 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109460.D
 Acq: 29 Sep 2018 5:33

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	33.4	29.9	44.9

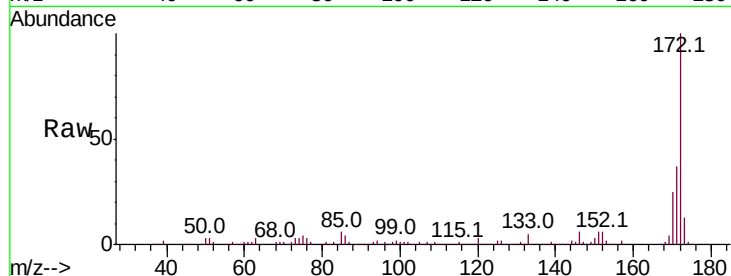




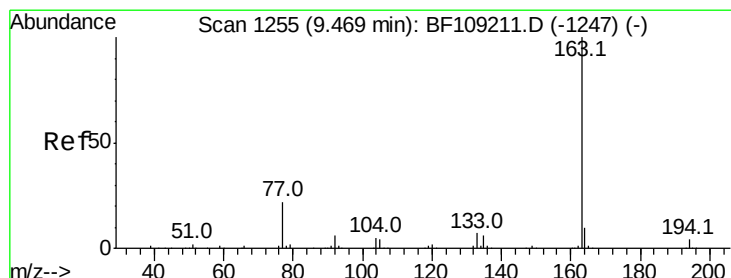
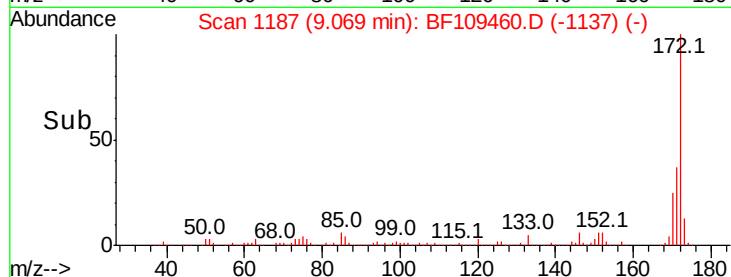
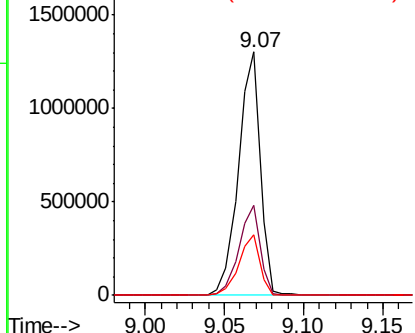
#44
2-Fluorobiphenyl
Concen: 91.415 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF109460.D
Acq: 29 Sep 2018 5:33

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

Tot Ion:172 Resp: 1243127
Ion Ratio Lower Upper
172 100
171 36.8 29.7 44.5
170 24.8 19.6 29.4

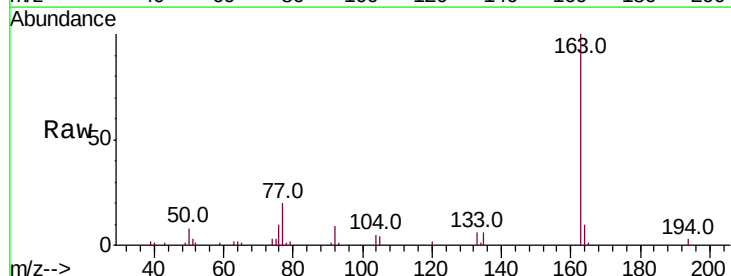


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

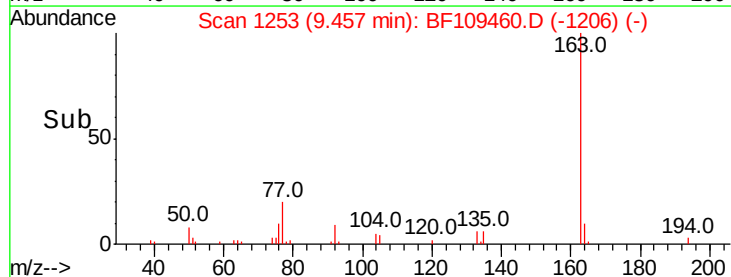
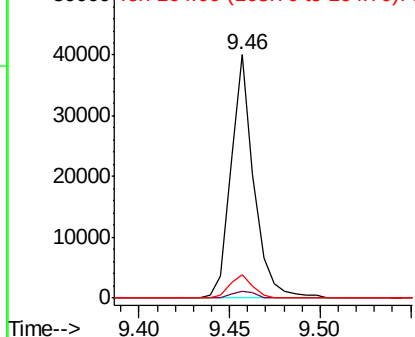


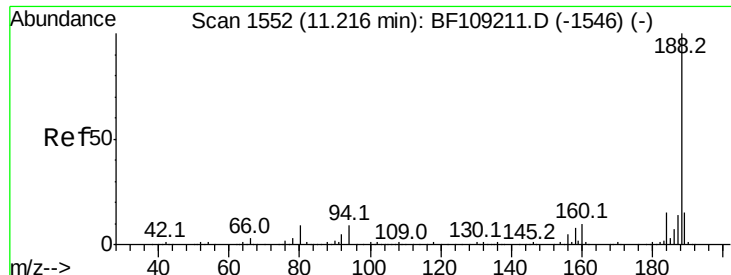
#49
Dimethylphthalate
Concen: 2.361 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109460.D
Acq: 29 Sep 2018 5:33

Tgt Ion:163 Resp: 35214
Ion Ratio Lower Upper
163 100
194 2.9 2.7 4.1
164 9.8 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

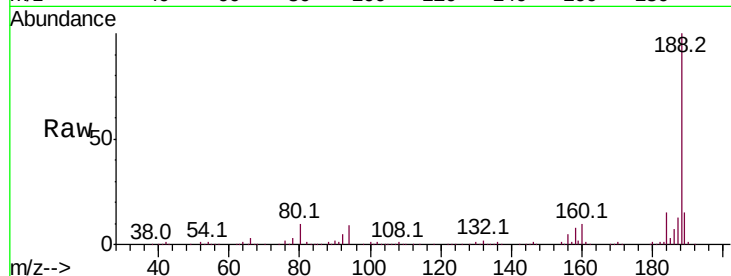




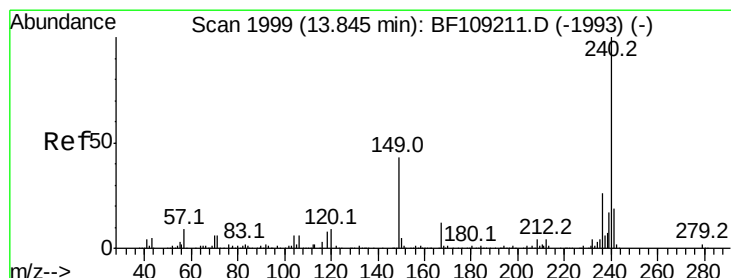
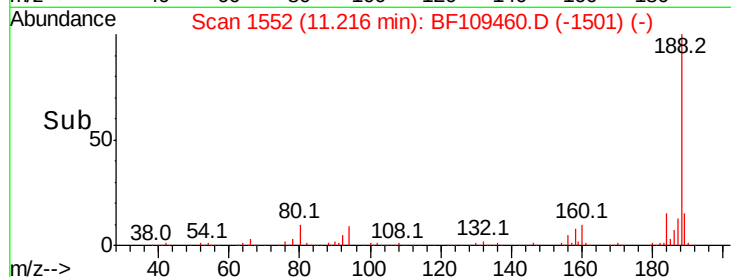
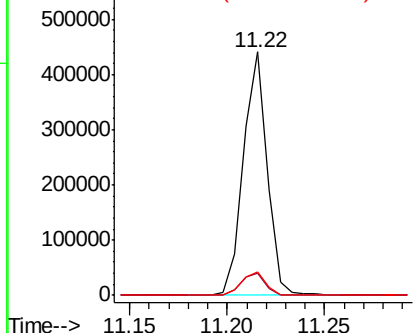
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.00 min
 Lab File: BF109460.D
 Acq: 29 Sep 2018 5:33

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

Tot Ion:	188	Resp:	373010
Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.5	9.2	13.8

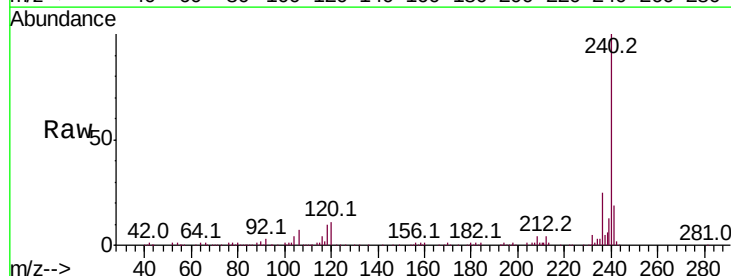


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

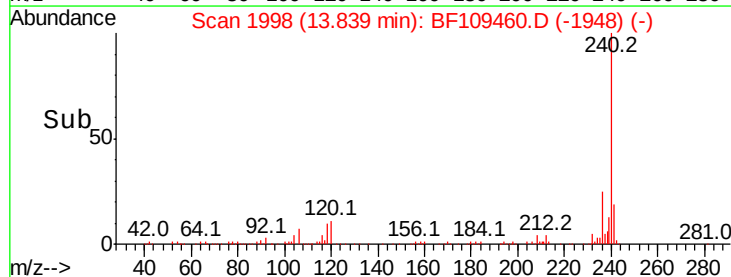
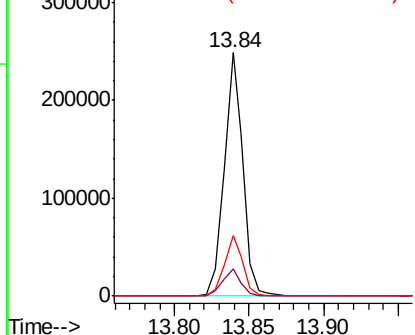


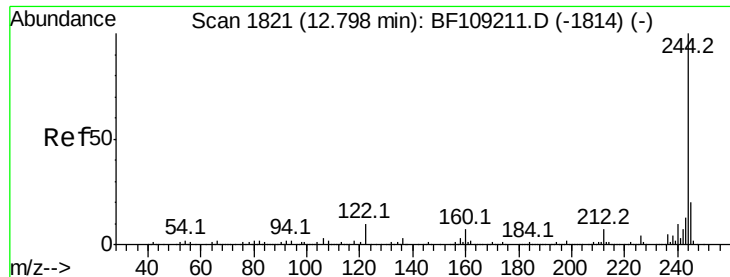
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF109460.D
 Acq: 29 Sep 2018 5:33

Tgt Ion:	240	Resp:	219673
Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.5	14.3
236	24.9	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: 116.126 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109460.D

Acq: 29 Sep 2018 5:33

Instrument :

BNA_F

ClientSampleId :

092618-TIPC-F-U-B

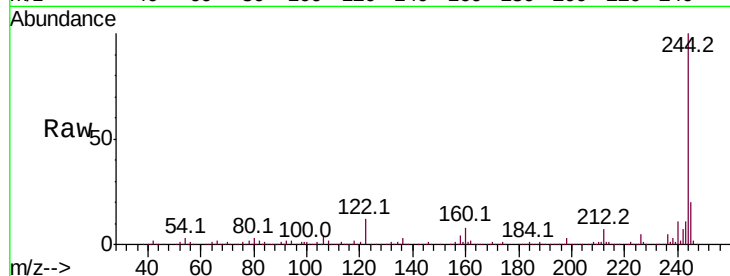
Tot Ion:244 Resp: 1039445

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

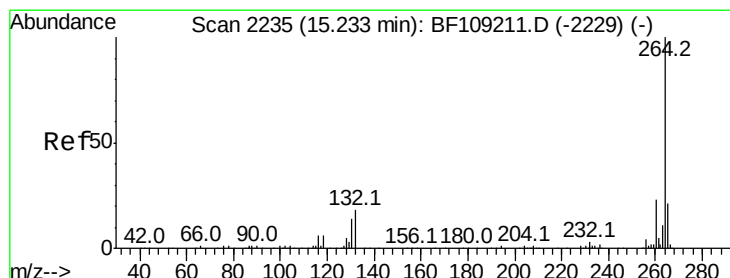
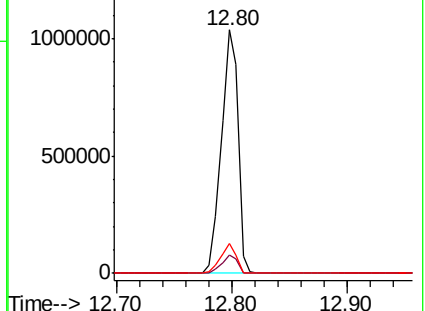
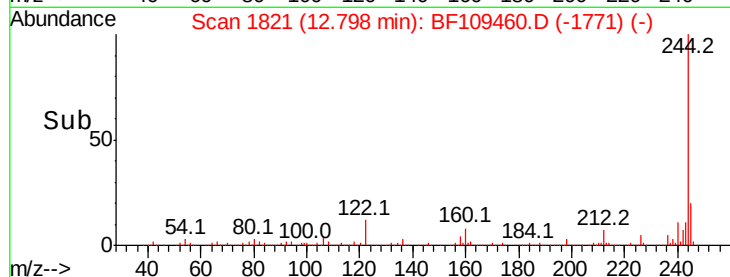
122 12.5 11.0 16.4



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: BF109460.D

Acq: 29 Sep 2018 5:33

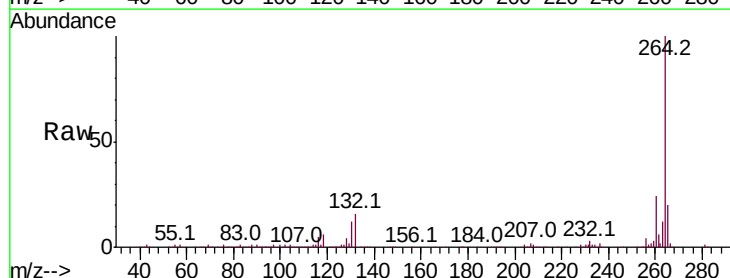
Tgt Ion:264 Resp: 221753

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 20.1 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

