

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
 Data File : BF109448.D
 Acq On : 28 Sep 2018 23:22
 Operator : JU/SJ
 Sample : J5101-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-1329

Quant Time: Sep 29 06:03:15 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

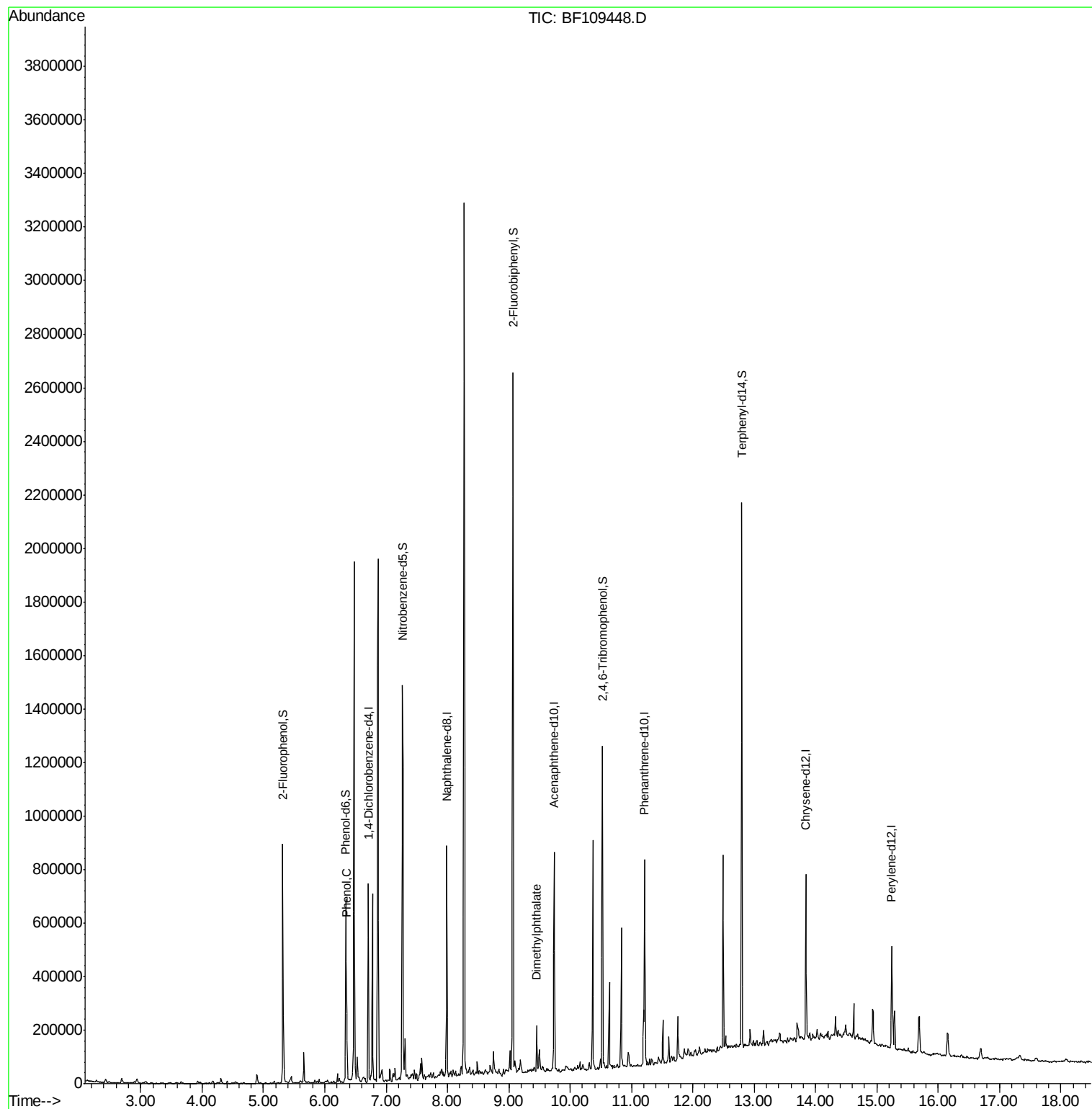
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	102846	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	347581	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	140065	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	247156	20.00	ng	0.00
75) Chrysene-d12	13.84	240	199904	20.00	ng	0.00
86) Perylene-d12	15.24	264	165519	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	263787	42.25	ng	0.00
7) Phenol-d6	6.35	99	209172	26.25	ng	-0.01
23) Nitrobenzene-d5	7.27	82	466209	79.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	147932	107.14	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	778972	83.88	ng	0.00
78) Terphenyl-d14	12.80	244	691795	84.93	ng	0.00
Target Compounds						
10) Phenol	6.36	94	32780	3.633	ng	94
49) Dimethylphthalate	9.46	163	58568	5.749	ng	98

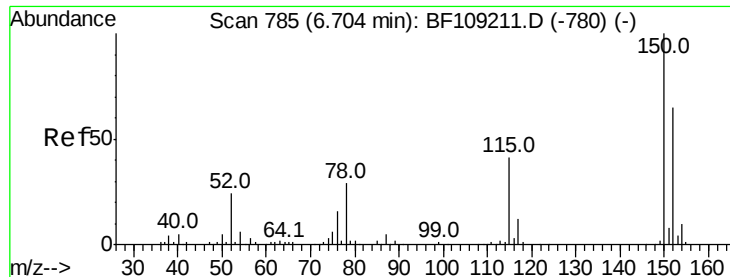
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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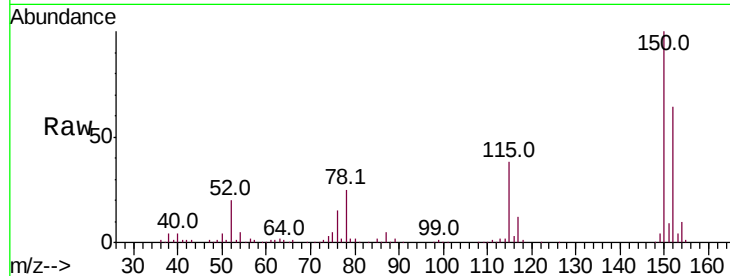


#1

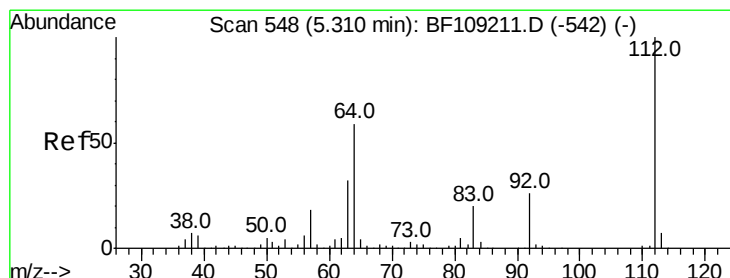
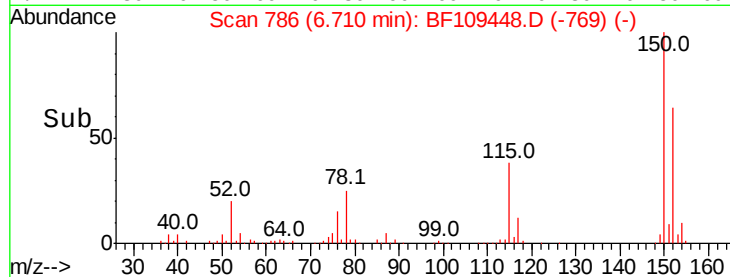
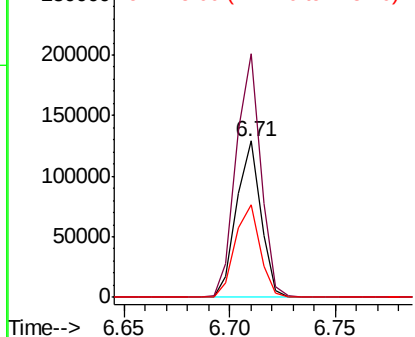
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF109448.D
Acq: 28 Sep 2018 23:22

Instrument :
BNA_F
ClientSampleId :
C-1329

Tot Ion:152 Resp: 102846
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 59.0 50.1 75.1



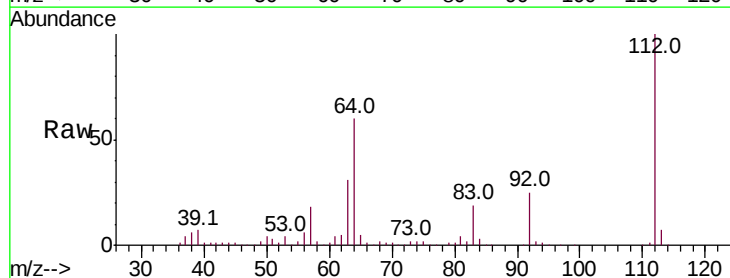
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



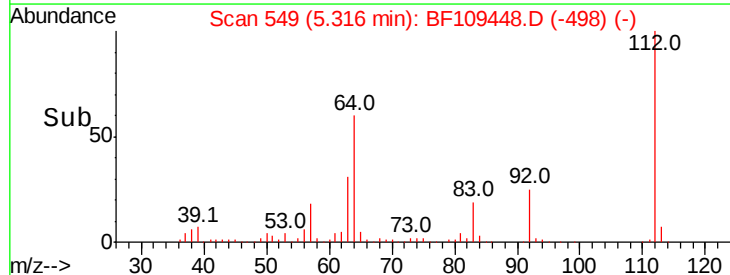
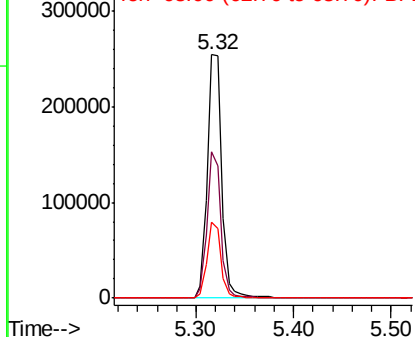
#5

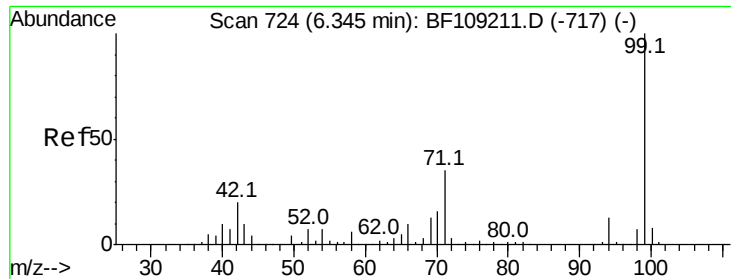
2-Fluorophenol
Concen: 42.245 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109448.D
Acq: 28 Sep 2018 23:22

Tgt Ion:112 Resp: 263787
Ion Ratio Lower Upper
112 100
64 60.0 47.9 71.9
63 31.0 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: 26.252 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109448.D

Acq: 28 Sep 2018 23:22

Instrument :

BNA_F

ClientSampleId :

C-1329

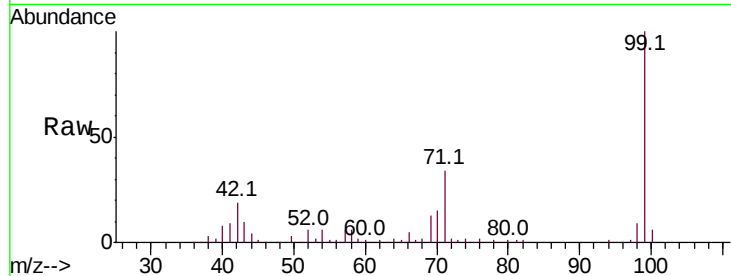
Tot Ion: 99 Resp: 209172

Ion Ratio Lower Upper

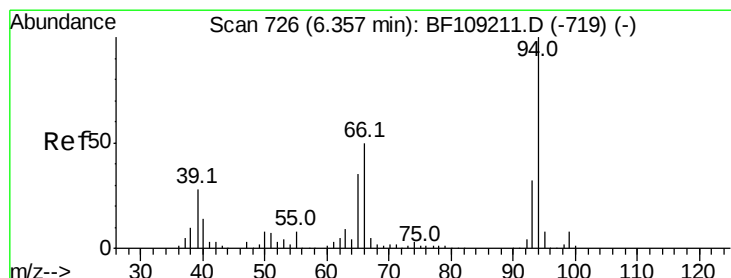
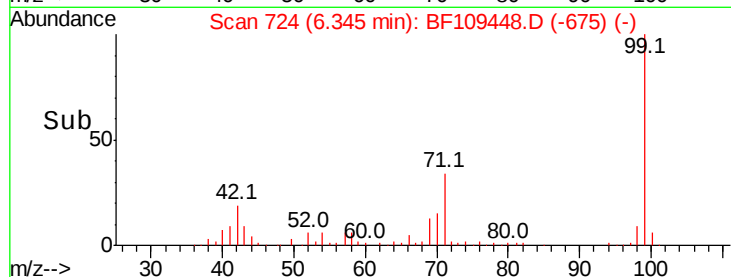
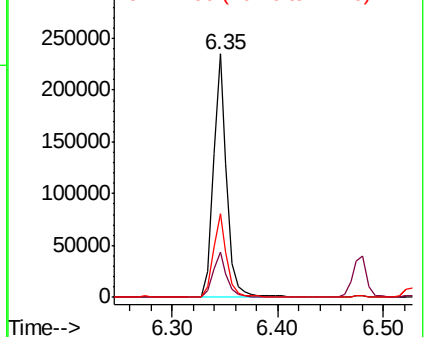
99 100

42 18.7 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: 3.633 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF109448.D

Acq: 28 Sep 2018 23:22

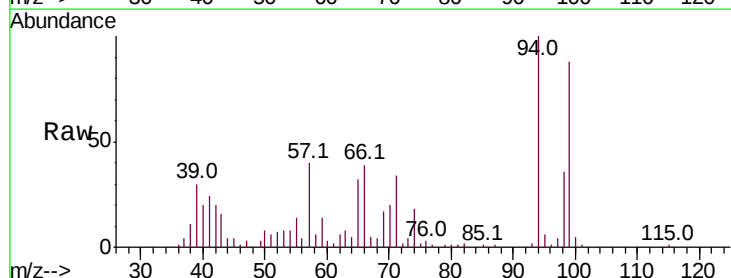
Tgt Ion: 94 Resp: 32780

Ion Ratio Lower Upper

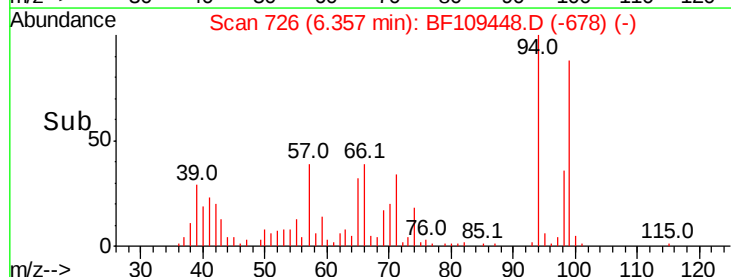
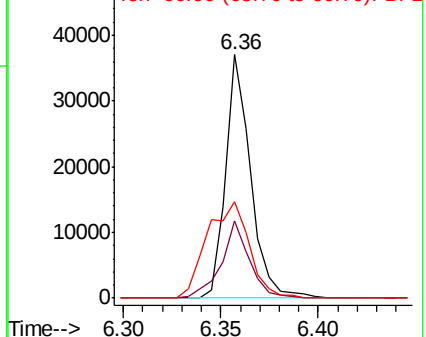
94 100

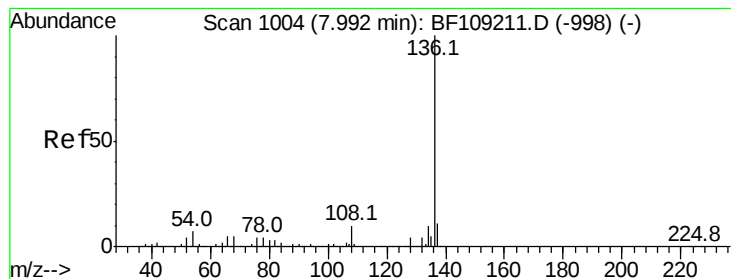
65 31.7 7.9 47.9

66 39.4 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# 1004

Delta R.T. 0.00 min

Lab File: BF109448.D

Acq: 28 Sep 2018 23:22

Instrument :

BNA_F

ClientSampleId :

C-1329

Tot Ion:136 Resp: 347581

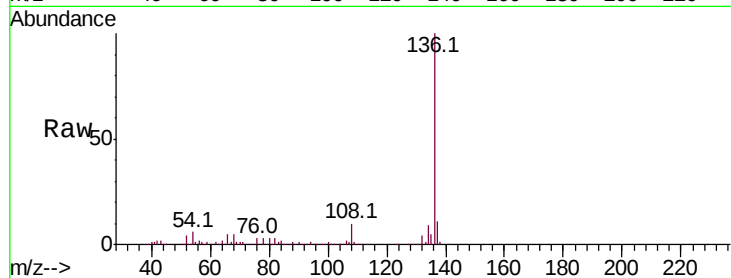
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.3 6.6 9.8#

68 5.1 5.0 7.4

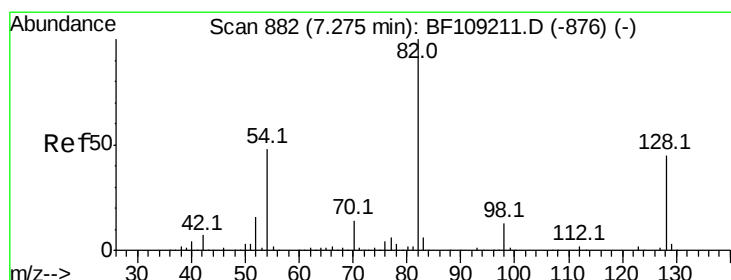
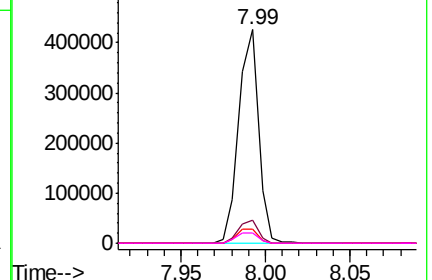
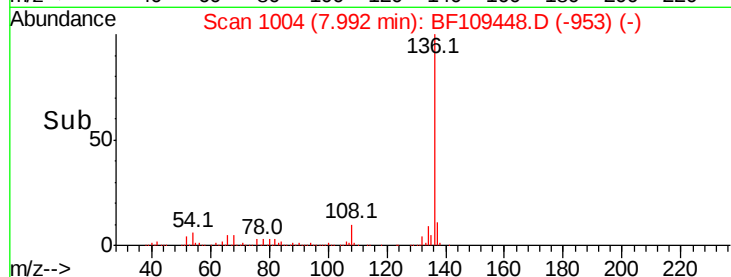


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.179 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109448.D

Acq: 28 Sep 2018 23:22

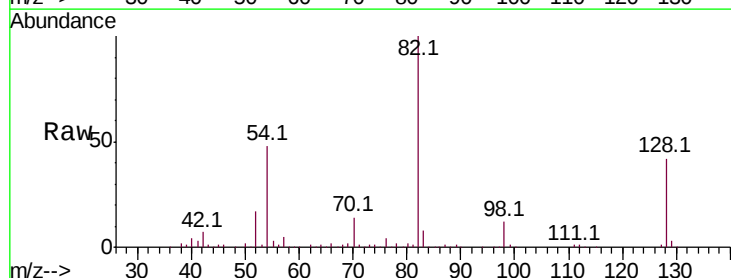
Tgt Ion: 82 Resp: 466209

Ion Ratio Lower Upper

82 100

128 41.5 36.1 54.1

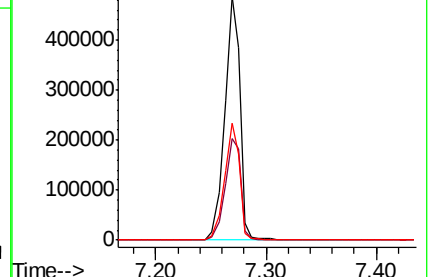
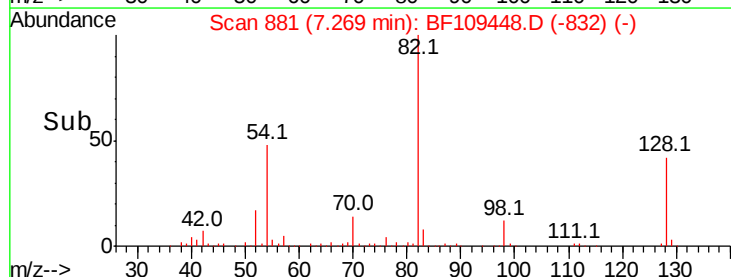
54 48.2 41.4 62.2

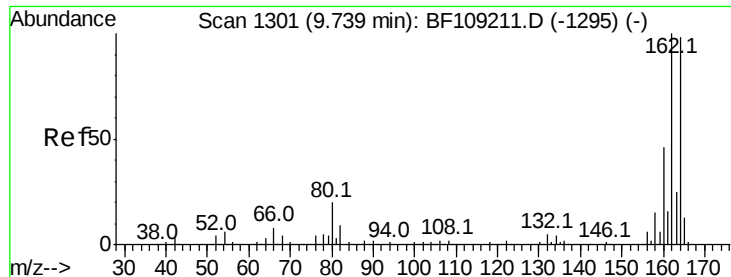


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

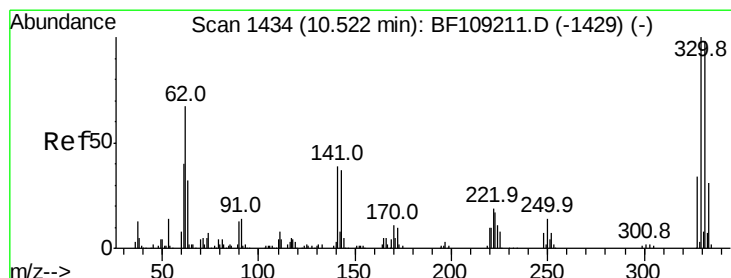
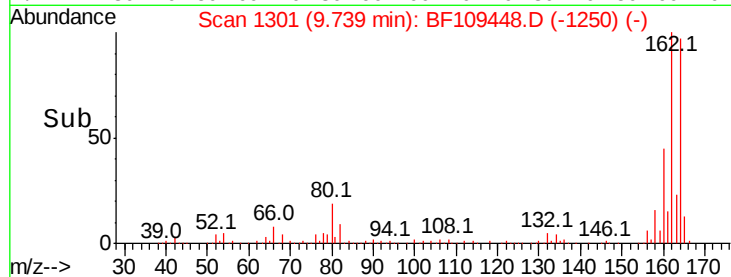
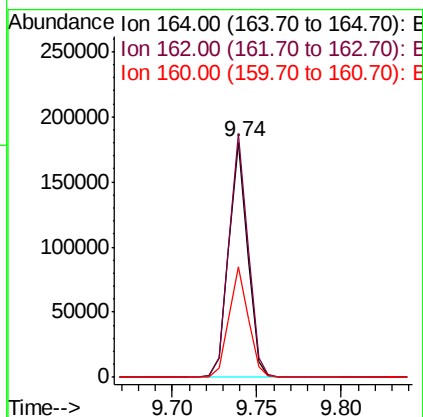
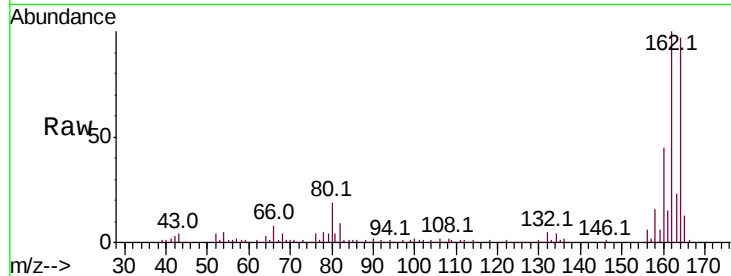




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109448.D
Acq: 28 Sep 2018 23:22

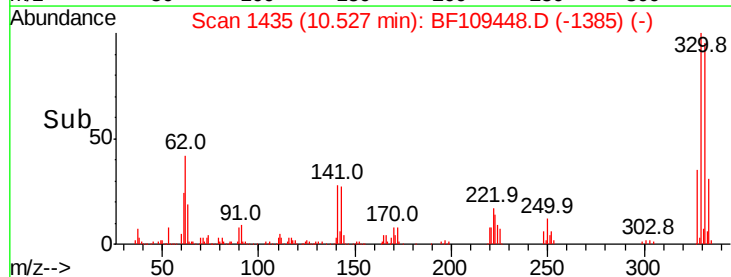
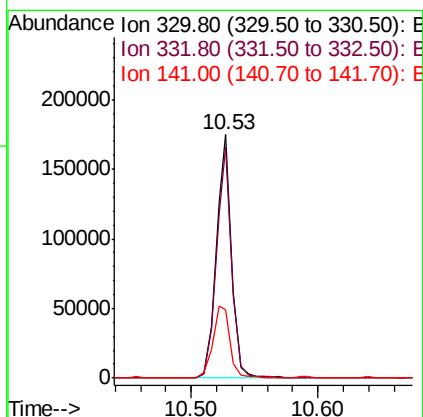
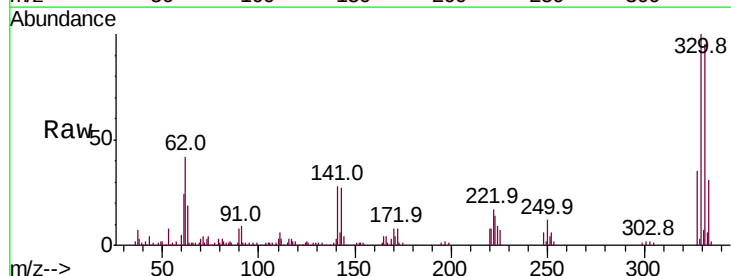
Instrument :
BNA_F
ClientSampled :
C-1329

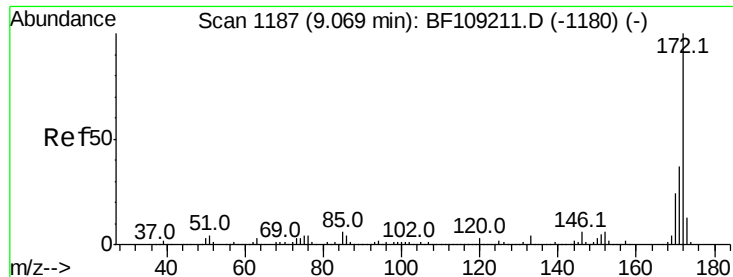
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	86.1	129.1
160	46.8	38.3	57.5



#41
2,4,6-Tribromophenol
Concen: 107.139 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF109448.D
Acq: 28 Sep 2018 23:22

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	32.7	29.9	44.9

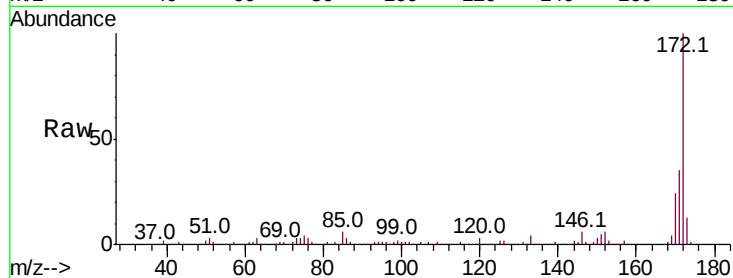




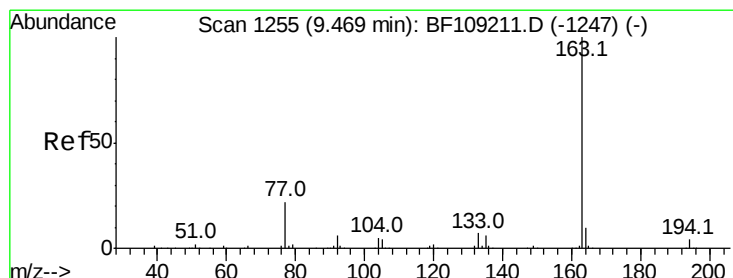
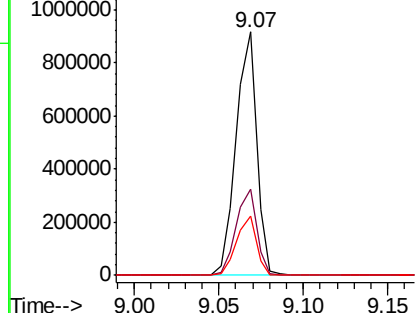
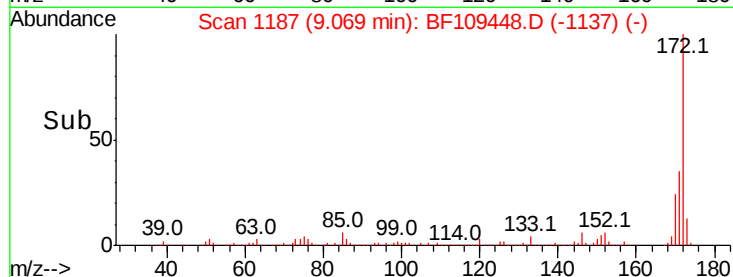
#44
 2-Fluorobiphenyl
 Concen: 83.878 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109448.D
 Acq: 28 Sep 2018 23:22

Instrument :
 BNA_F
 ClientSampleId :
 C-1329

Tot Ion:172 Resp: 778972
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 24.3 19.6 29.4

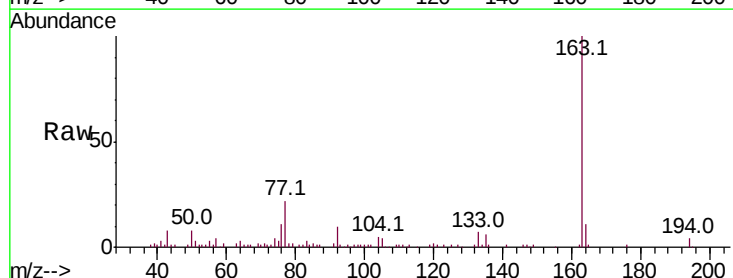


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

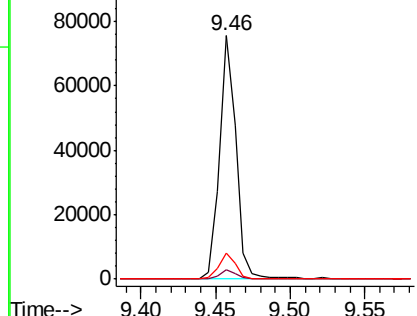
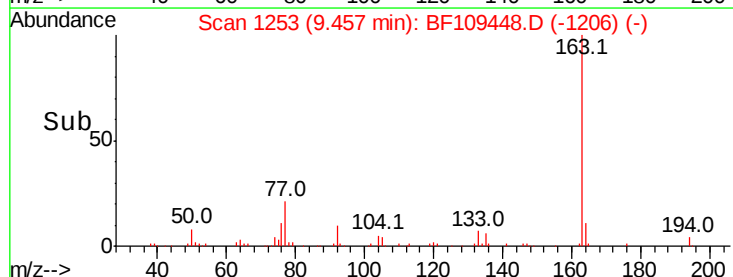


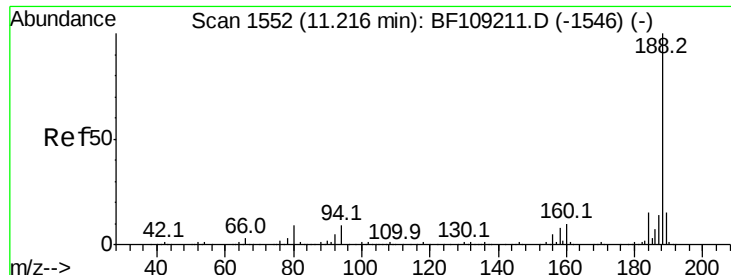
#49
 Dimethylphthalate
 Concen: 5.749 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF109448.D
 Acq: 28 Sep 2018 23:22

Tgt Ion:163 Resp: 58568
 Ion Ratio Lower Upper
 163 100
 194 3.9 2.7 4.1
 164 10.7 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: BF109448.D

Acq: 28 Sep 2018 23:22

Instrument :

BNA_F

ClientSampleId :

C-1329

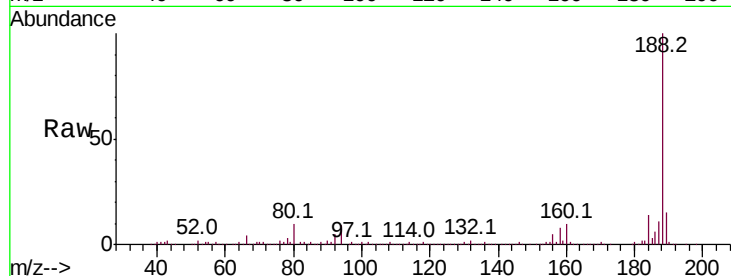
Tot Ion:188 Resp: 247156

Ion Ratio Lower Upper

188 100

94 9.3 8.5 12.7

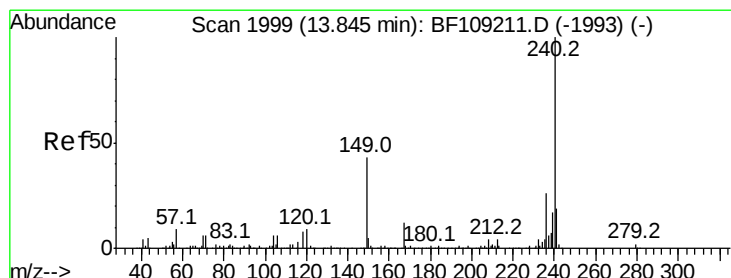
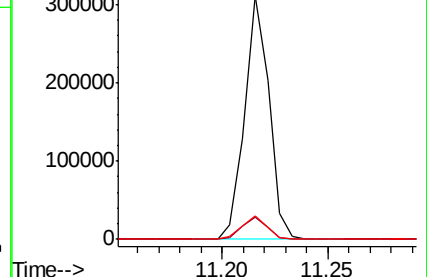
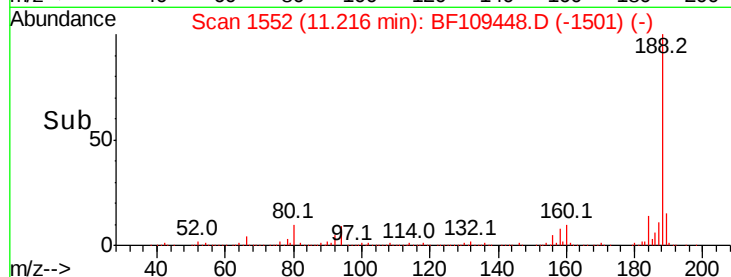
80 9.7 9.2 13.8



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# 1999

Delta R.T. 0.00 min

Lab File: BF109448.D

Acq: 28 Sep 2018 23:22

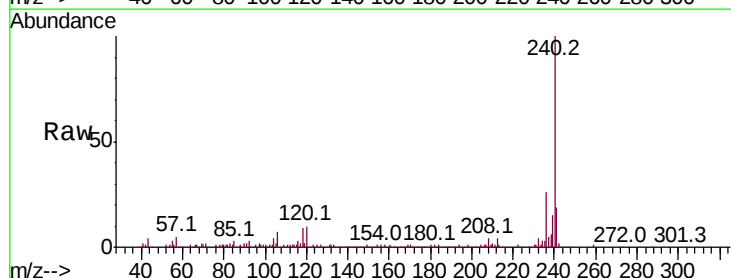
Tgt Ion:240 Resp: 199904

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

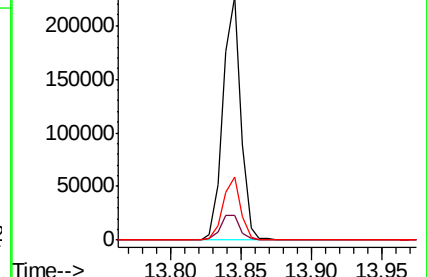
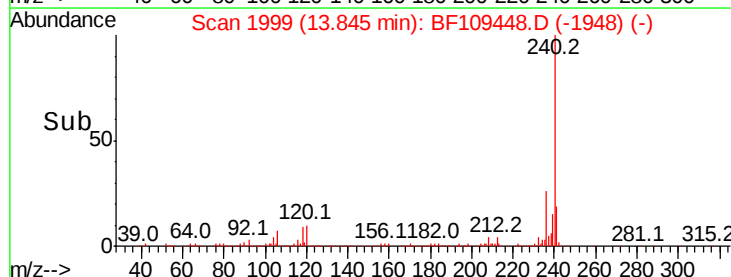
236 25.7 20.7 31.1

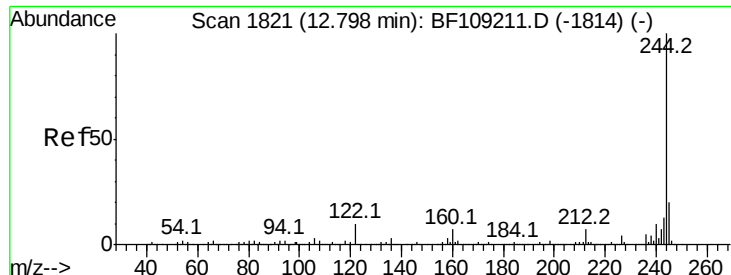


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 84.930 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109448.D

Acq: 28 Sep 2018 23:22

Instrument :

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C-1329

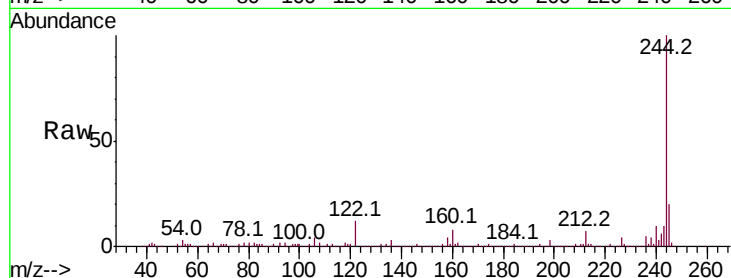
Tot Ion:244 Resp: 691795

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

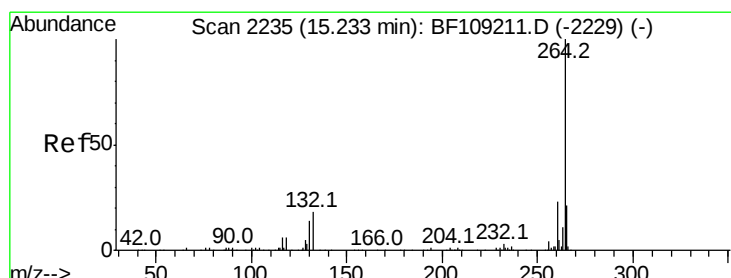
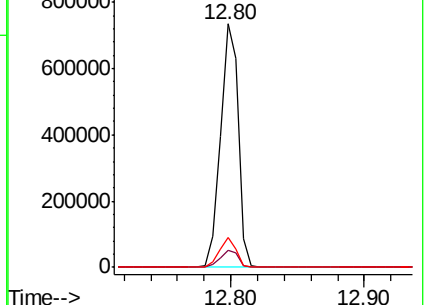
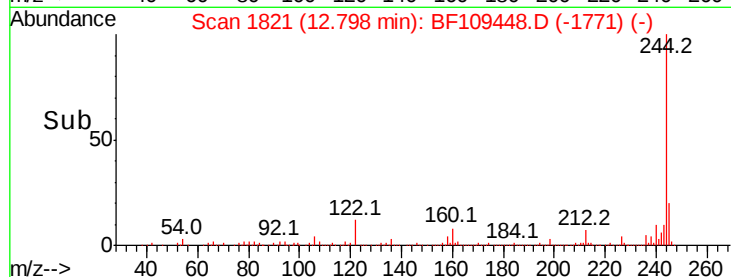
122 12.4 11.0 16.4



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: BF109448.D

Acq: 28 Sep 2018 23:22

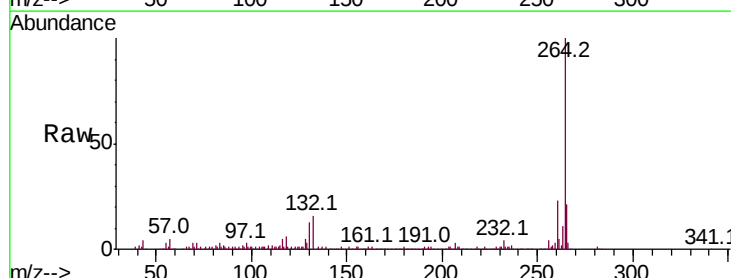
Tgt Ion:264 Resp: 165519

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.5 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

