

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
 Data File : BF109283.D
 Acq On : 25 Sep 2018 14:14
 Operator : JU/SJ
 Sample : J5055-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-A

Quant Time: Sep 25 16:38:59 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

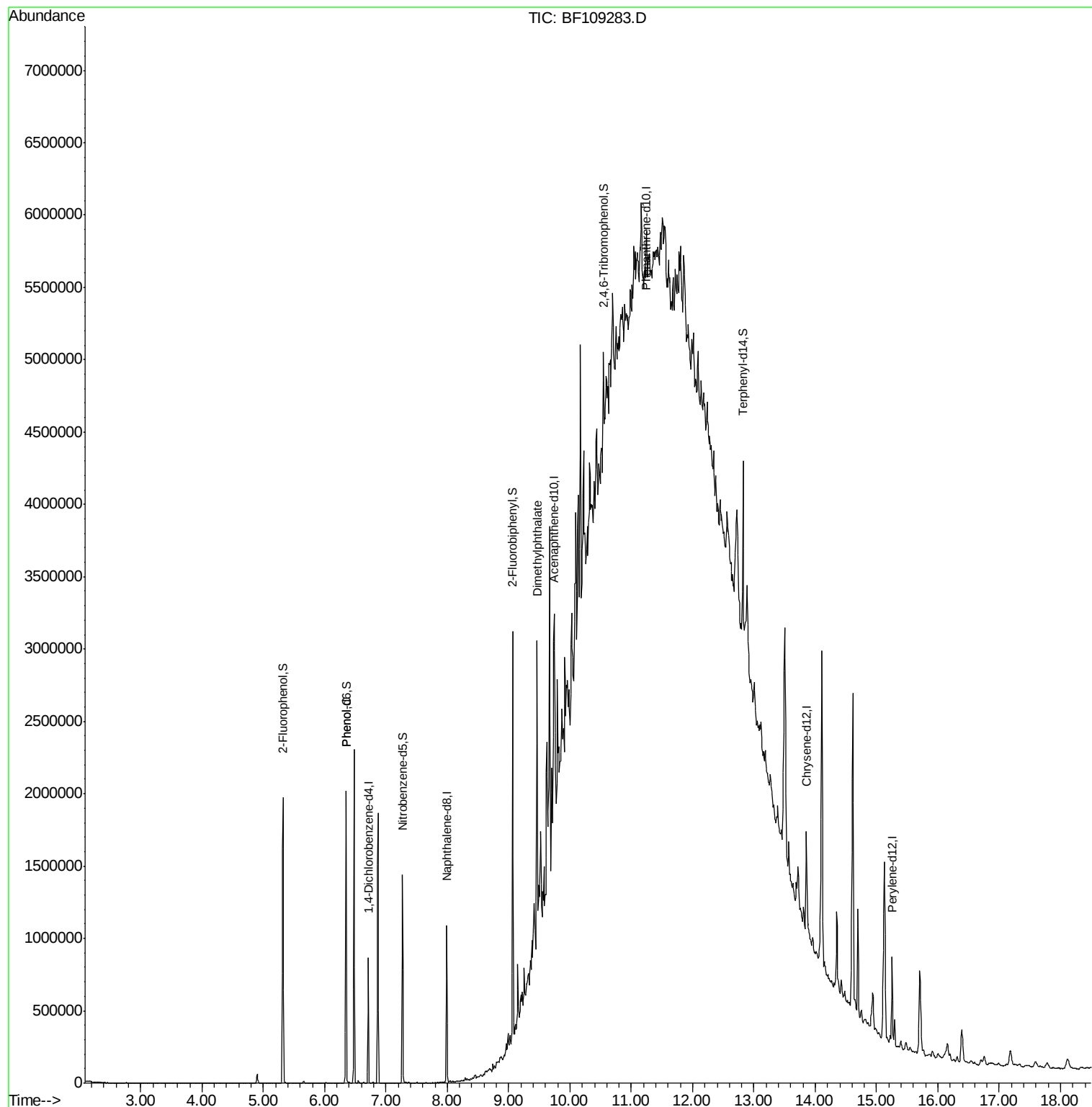
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	113137	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	430878	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	166971	20.00	ng	0.01
63) Phenanthrene-d10	11.24	188	195791	20.00	ng	0.03
75) Chrysene-d12	13.86	240	236314	20.00	ng	0.01
86) Perylene-d12	15.26	264	277627	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	543984	79.19	ng	0.00
7) Phenol-d6	6.35	99	707805	80.75	ng	0.00
23) Nitrobenzene-d5	7.27	82	443663	60.78	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	121325	73.71	ng	0.01
44) 2-Fluorobiphenyl	9.07	172	777416	70.22	ng	0.00
78) Terphenyl-d14	12.82	244	472591	49.08	ng	0.02
Target Compounds						
10) Phenol	6.36	94	22450	2.262	ng	80
49) Dimethylphthalate	9.46	163	200629	16.520	ng	# 89

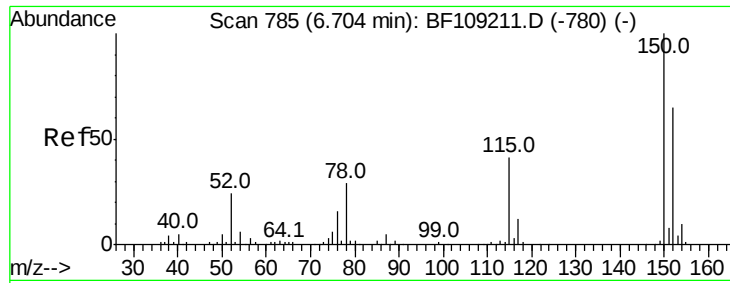
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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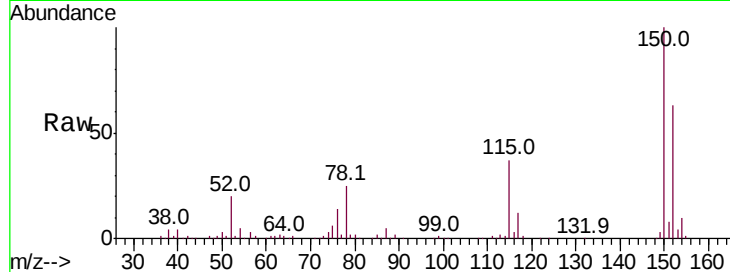


#1

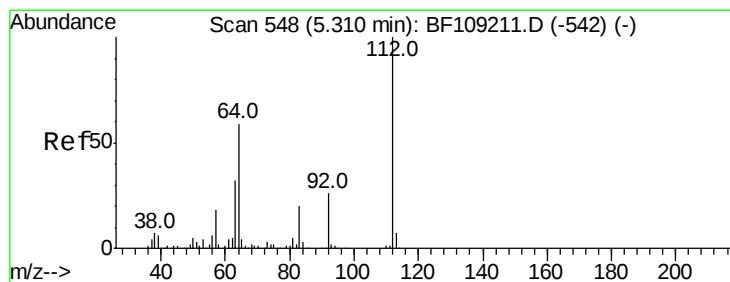
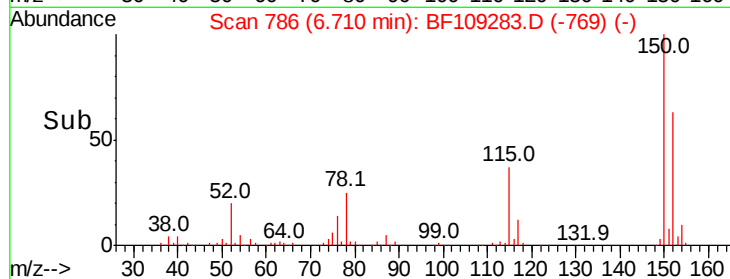
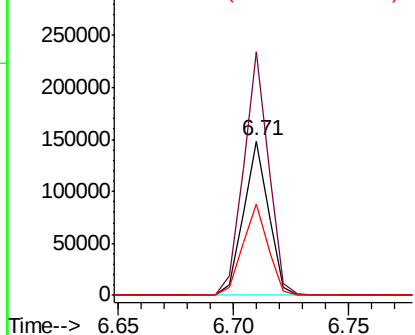
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF109283.D
Acq: 25 Sep 2018 14:14

Instrument :
BNA_F
ClientSampleId :
TP-A

Tot Ion:152 Resp: 113137
Ion Ratio Lower Upper
152 100
150 158.0 124.6 186.8
115 59.1 50.1 75.1



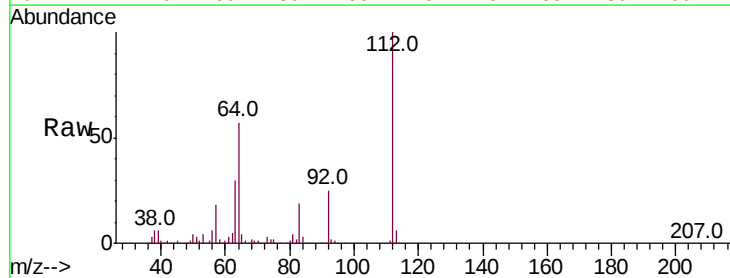
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



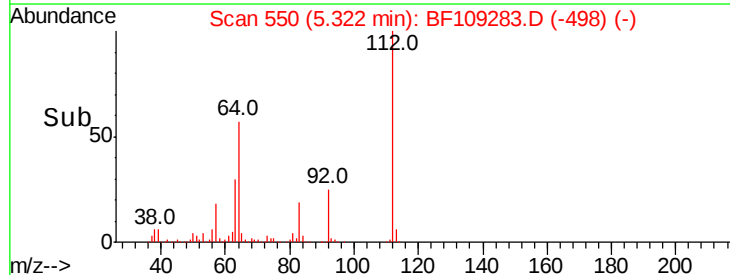
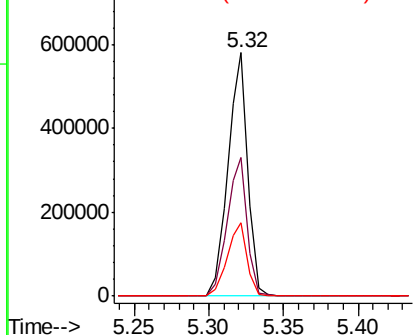
#5

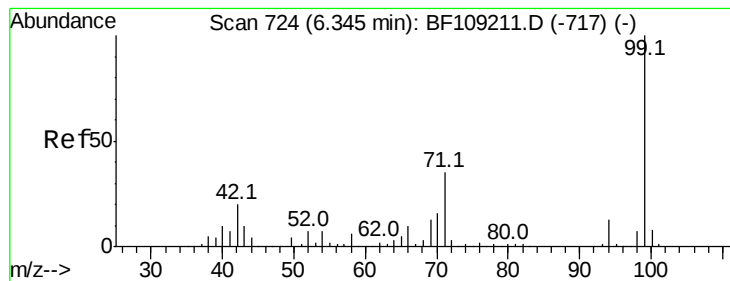
2-Fluorophenol
Concen: 79.195 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF109283.D
Acq: 25 Sep 2018 14:14

Tgt Ion:112 Resp: 543984
Ion Ratio Lower Upper
112 100
64 56.8 47.9 71.9
63 30.0 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: 80.753 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109283.D

Acq: 25 Sep 2018 14:14

Instrument :

BNA_F

ClientSampled :

TP-A

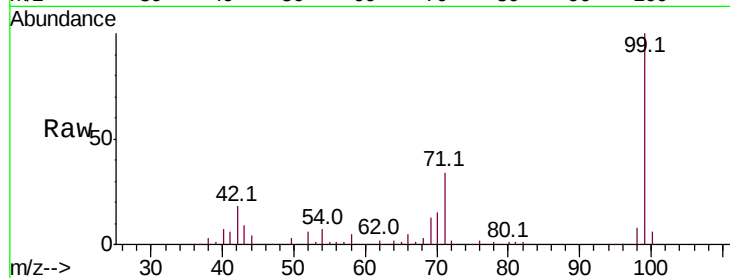
Tot Ion: 99 Resp: 707805

Ion Ratio Lower Upper

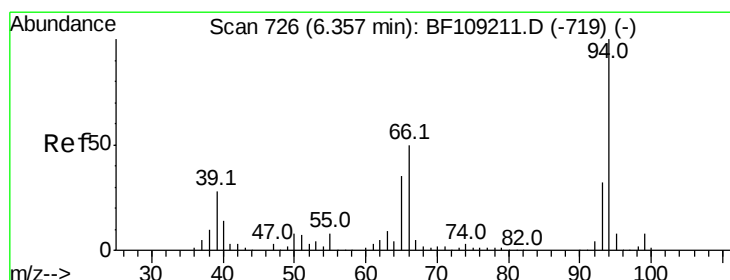
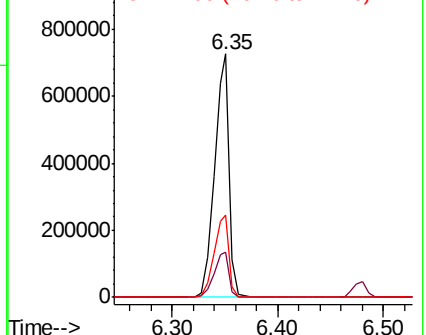
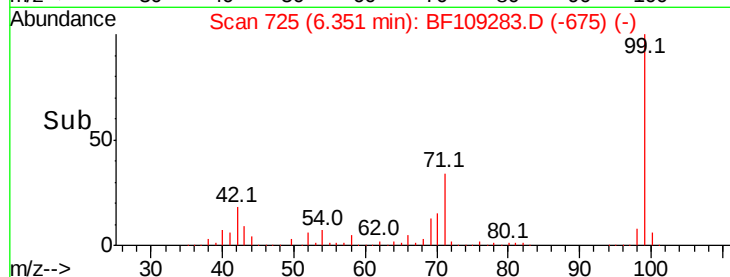
99 100

42 18.4 14.5 21.7

71 33.9 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: 2.262 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF109283.D

Acq: 25 Sep 2018 14:14

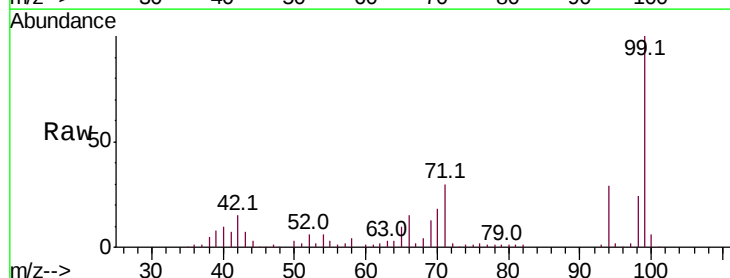
Tgt Ion: 94 Resp: 22450

Ion Ratio Lower Upper

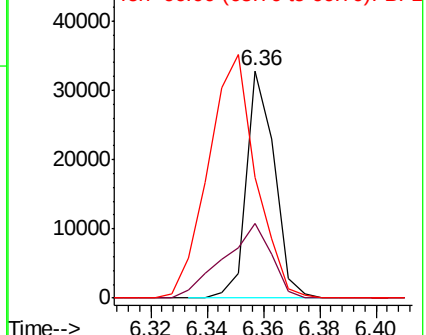
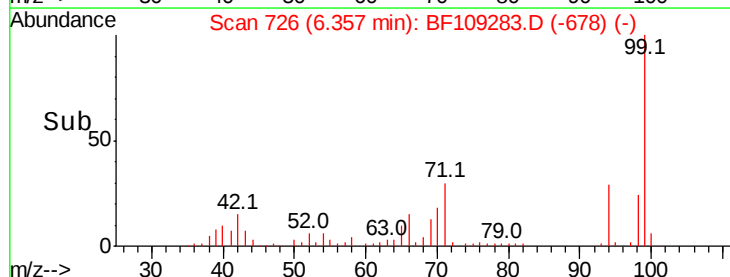
94 100

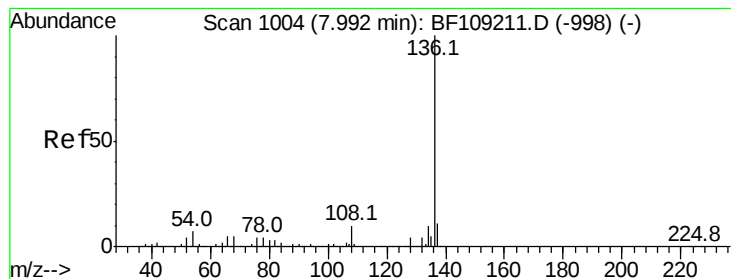
65 33.1 7.9 47.9

66 53.0 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# 1004

Delta R.T. -0.00 min

Lab File: BF109283.D

Acq: 25 Sep 2018 14:14

Instrument :

BNA_F

ClientSampleId :

TP-A

Tot Ion:136 Resp: 430878

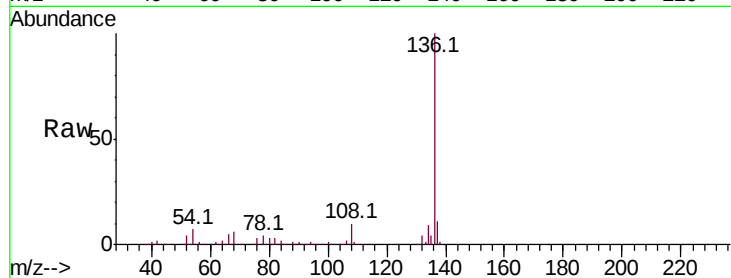
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.8 6.6 9.8

68 5.5 5.0 7.4

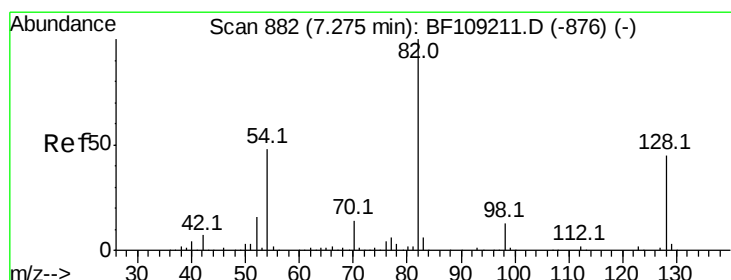
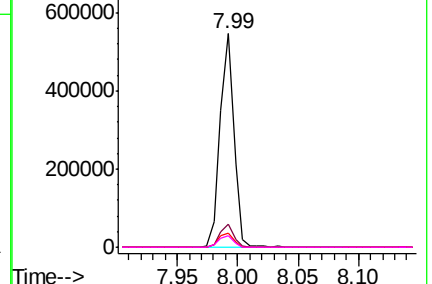
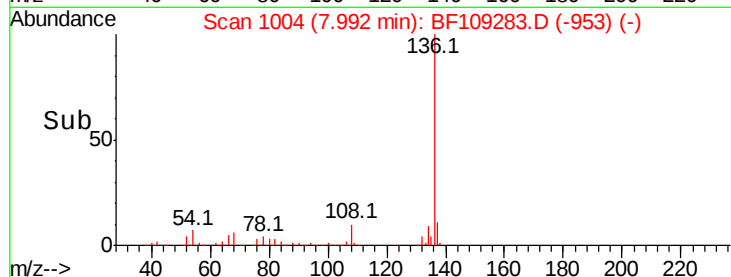


Abundance Ion 136.00 (135.70 to 136.70): E

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: 60.783 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109283.D

Acq: 25 Sep 2018 14:14

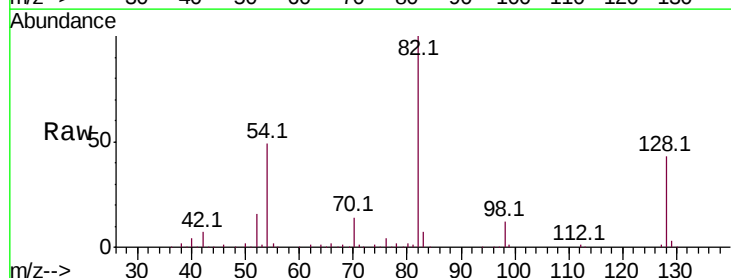
Tgt Ion: 82 Resp: 443663

Ion Ratio Lower Upper

82 100

128 42.9 36.1 54.1

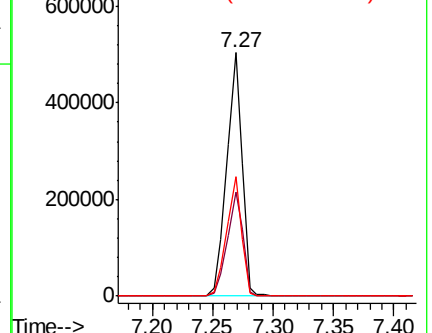
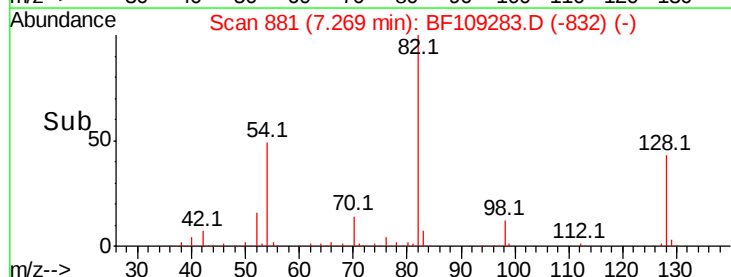
54 49.0 41.4 62.2

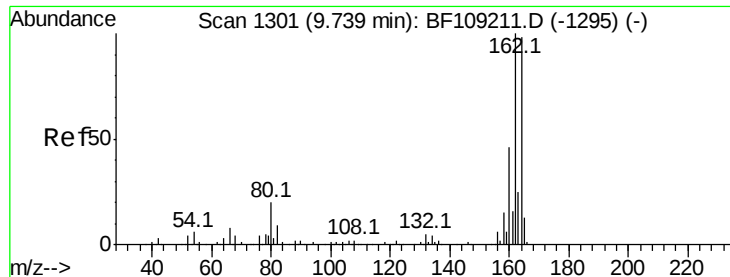


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

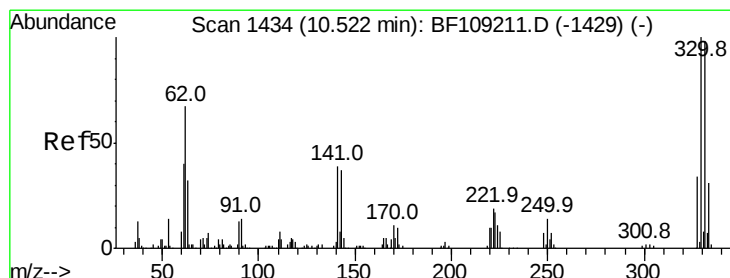
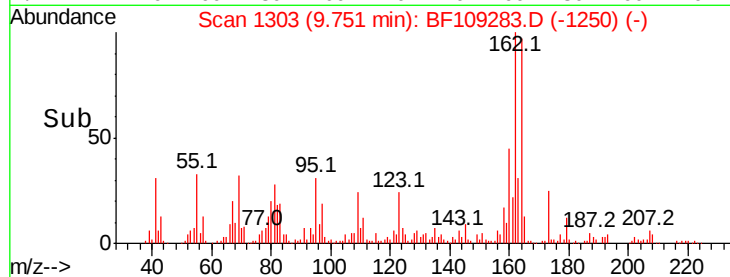
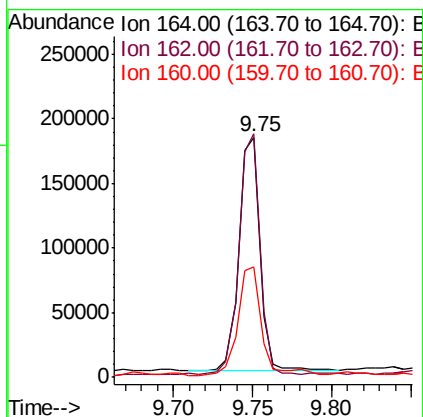
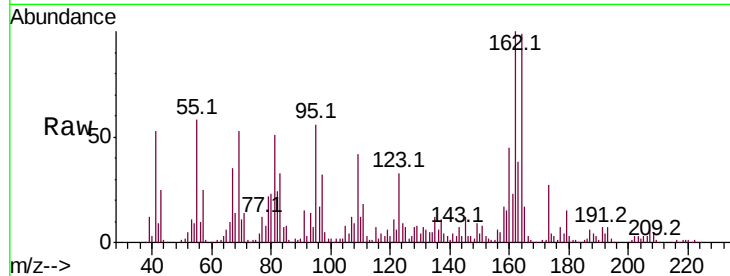




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. 0.01 min
 Lab File: BF109283.D
 Acq: 25 Sep 2018 14:14

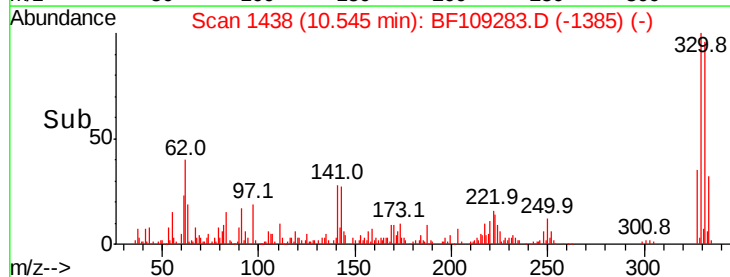
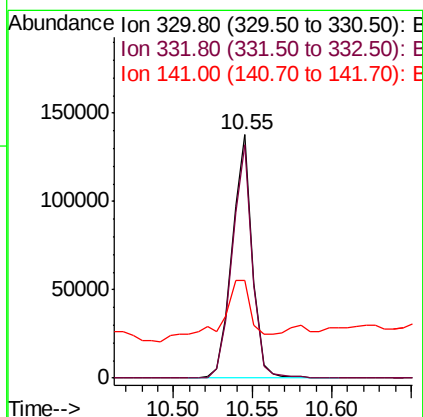
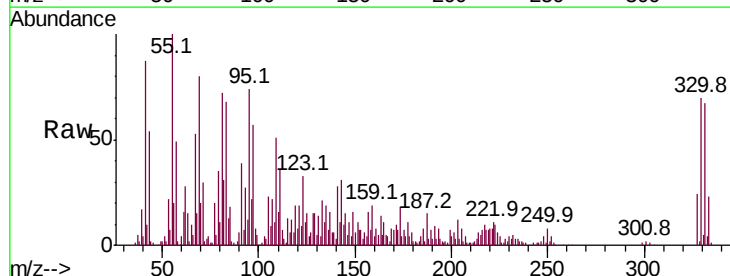
Instrument :
 BNA_F
 ClientSampleId :
 TP-A

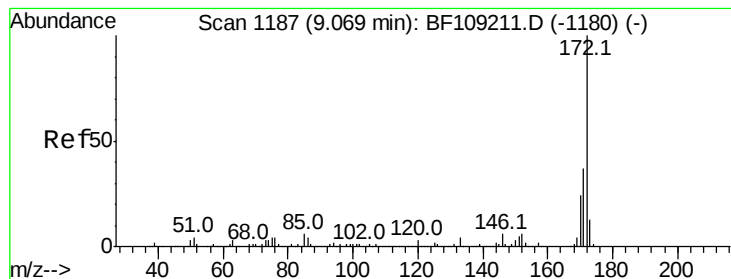
Tot Ion:164 Resp: 166971
 Ion Ratio Lower Upper
 164 100
 162 101.3 86.1 129.1
 160 46.0 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 73.710 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.01 min
 Lab File: BF109283.D
 Acq: 25 Sep 2018 14:14

Tgt Ion:330 Resp: 121325
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 37.8 29.9 44.9

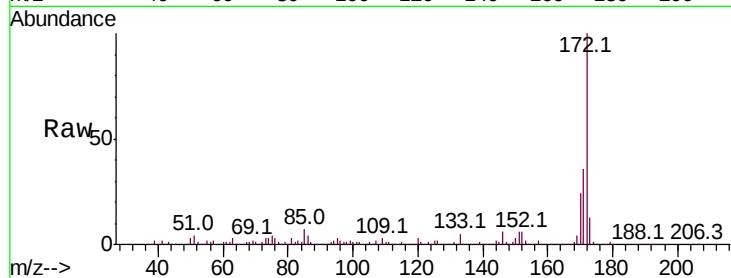




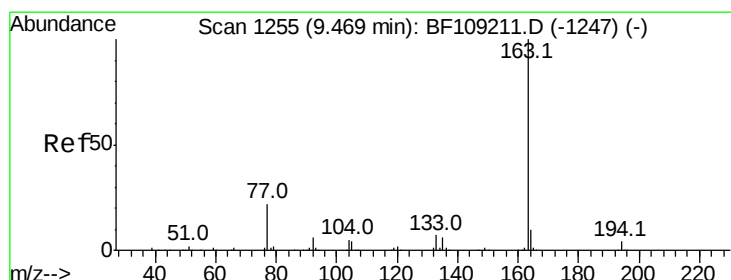
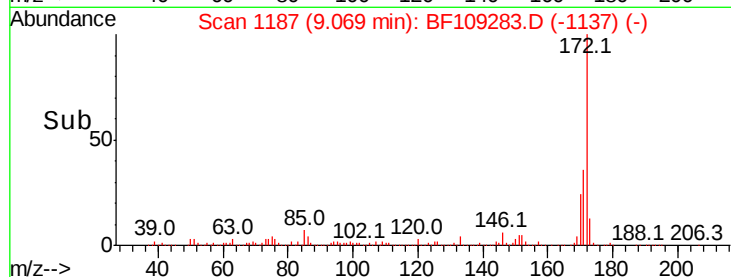
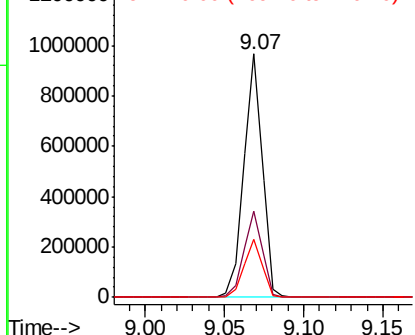
#44
2-Fluorobiphenyl
Concen: 70.221 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF109283.D
Acq: 25 Sep 2018 14:14

Instrument :
BNA_F
ClientSampleId :
TP-A

Tot Ion:172 Resp: 777416
Ion Ratio Lower Upper
172 100
171 35.5 29.7 44.5
170 23.9 19.6 29.4

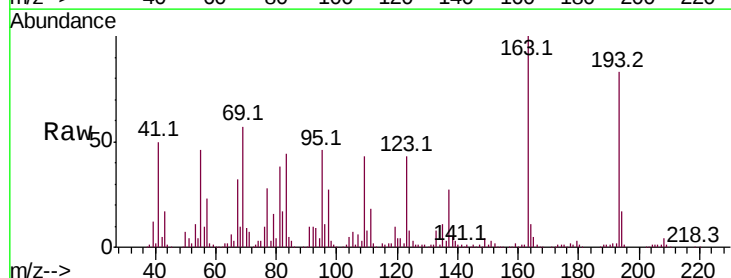


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

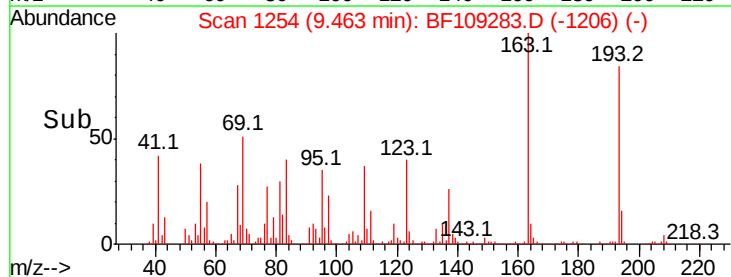
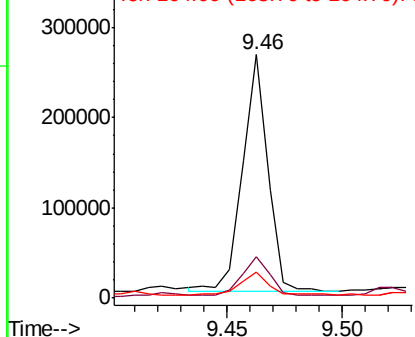


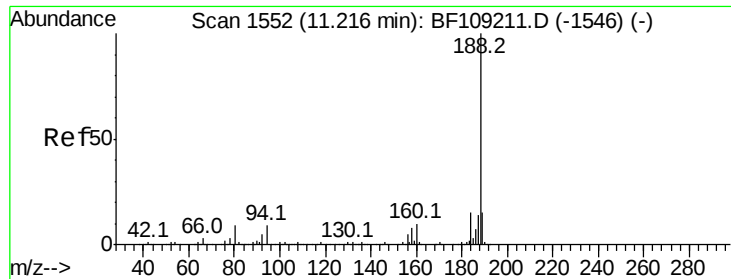
#49
Dimethylphthalate
Concen: 16.520 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF109283.D
Acq: 25 Sep 2018 14:14

Tgt Ion:163 Resp: 200629
Ion Ratio Lower Upper
163 100
194 16.9 2.7 4.1#
164 10.8 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: 11.24 min Scan# 1557

Delta R.T. 0.03 min

Lab File: BF109283.D

Acq: 25 Sep 2018 14:14

Instrument :

BNA_F

ClientSampled :

TP-A

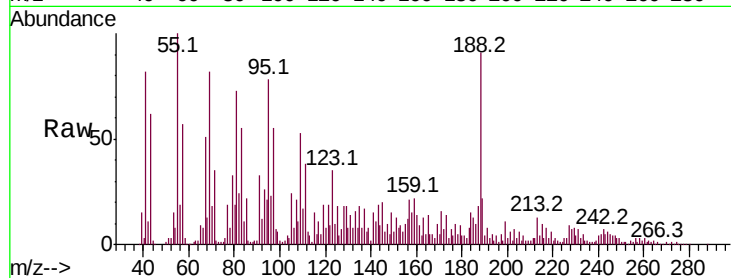
Tot Ion:188 Resp: 195791

Ion Ratio Lower Upper

188 100

94 22.7 8.5 12.7#

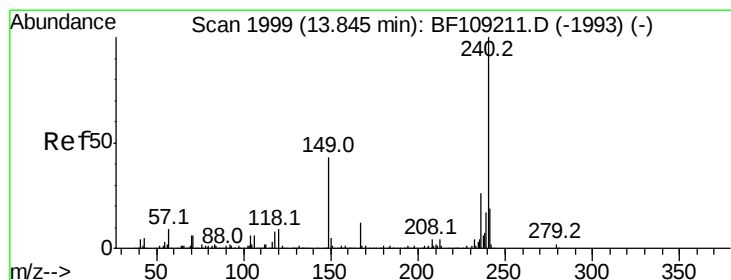
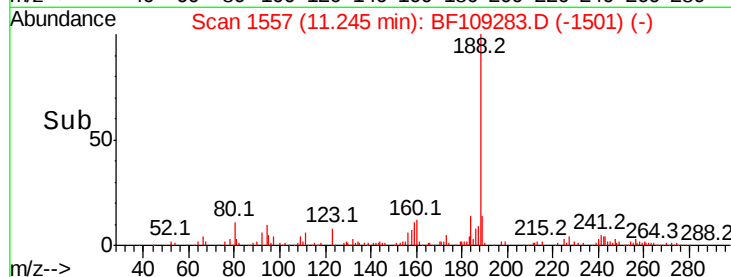
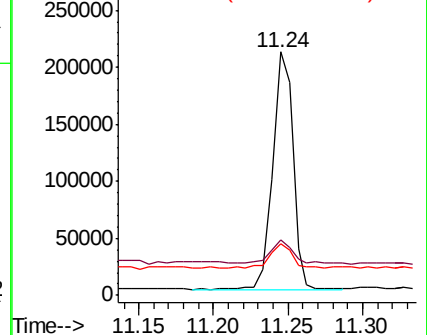
80 21.3 9.2 13.8#



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: 13.86 min Scan# 2001

Delta R.T. 0.01 min

Lab File: BF109283.D

Acq: 25 Sep 2018 14:14

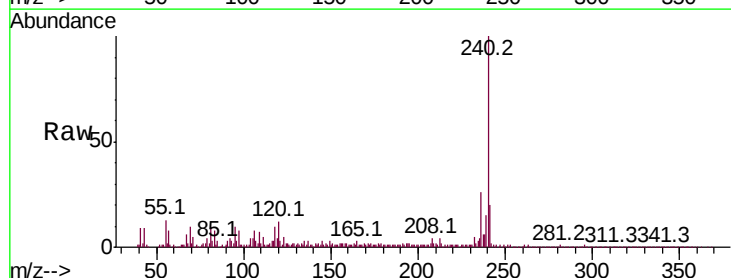
Tgt Ion:240 Resp: 236314

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

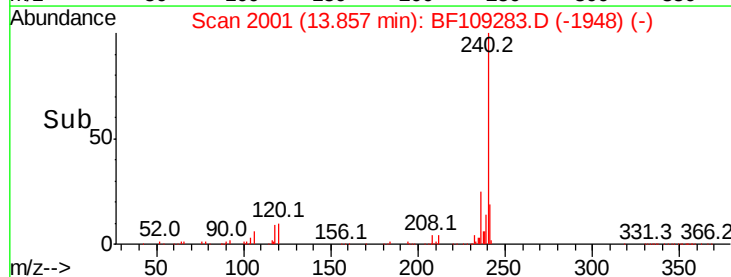
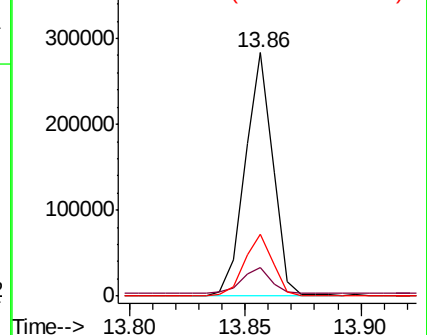
236 25.6 20.7 31.1

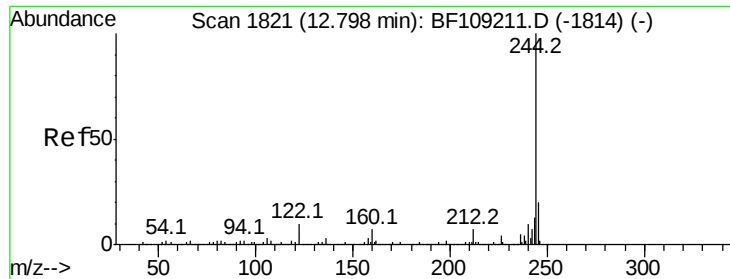


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 49.079 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.02 min

Lab File: BF109283.D

Acq: 25 Sep 2018 14:14

Instrument :

BNA_F

ClientSampleId :

TP-A

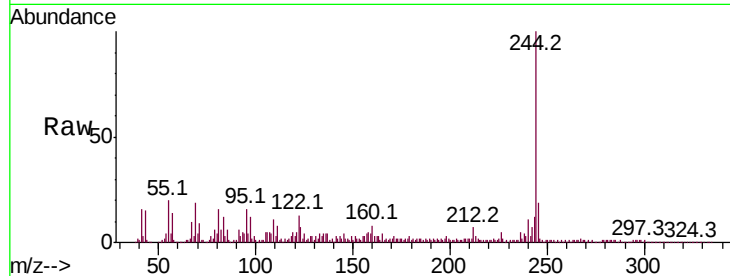
Tot Ion:244 Resp: 472591

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

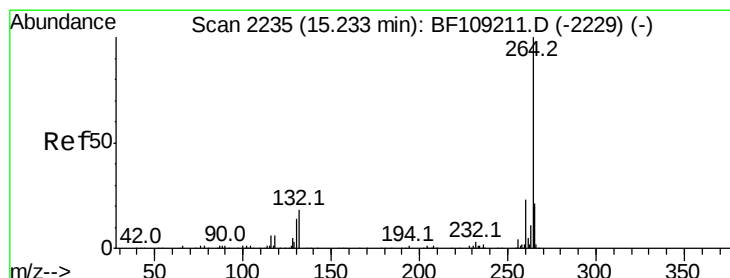
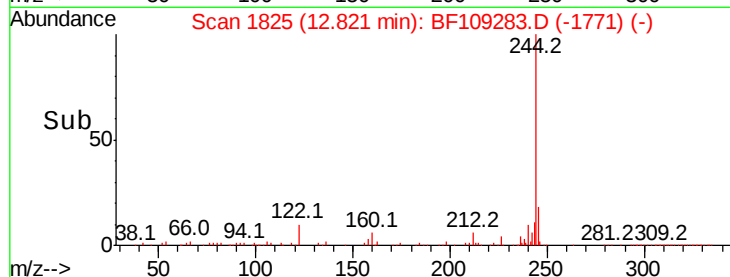
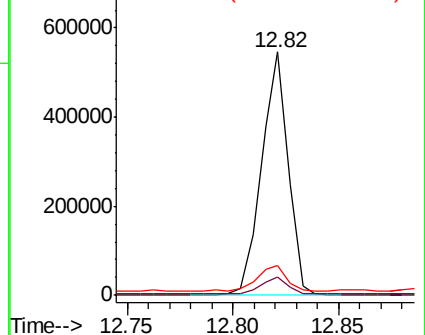
122 12.5 11.0 16.4



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: 15.26 min Scan# 2239

Delta R.T. 0.02 min

Lab File: BF109283.D

Acq: 25 Sep 2018 14:14

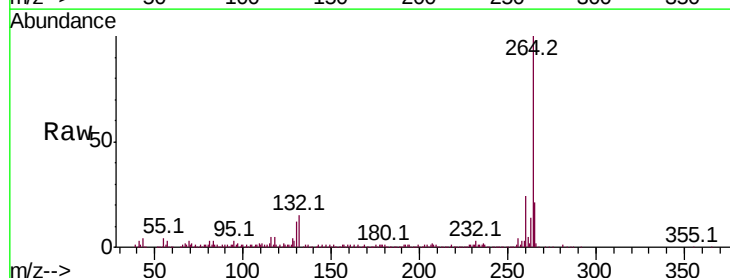
Tgt Ion:264 Resp: 277627

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.4 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

