

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099357.D
 Acq On : 11 Oct 2017 21:08
 Operator : SJ/JU
 Sample : I5710-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-29B

Quant Time: Oct 12 01:22:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

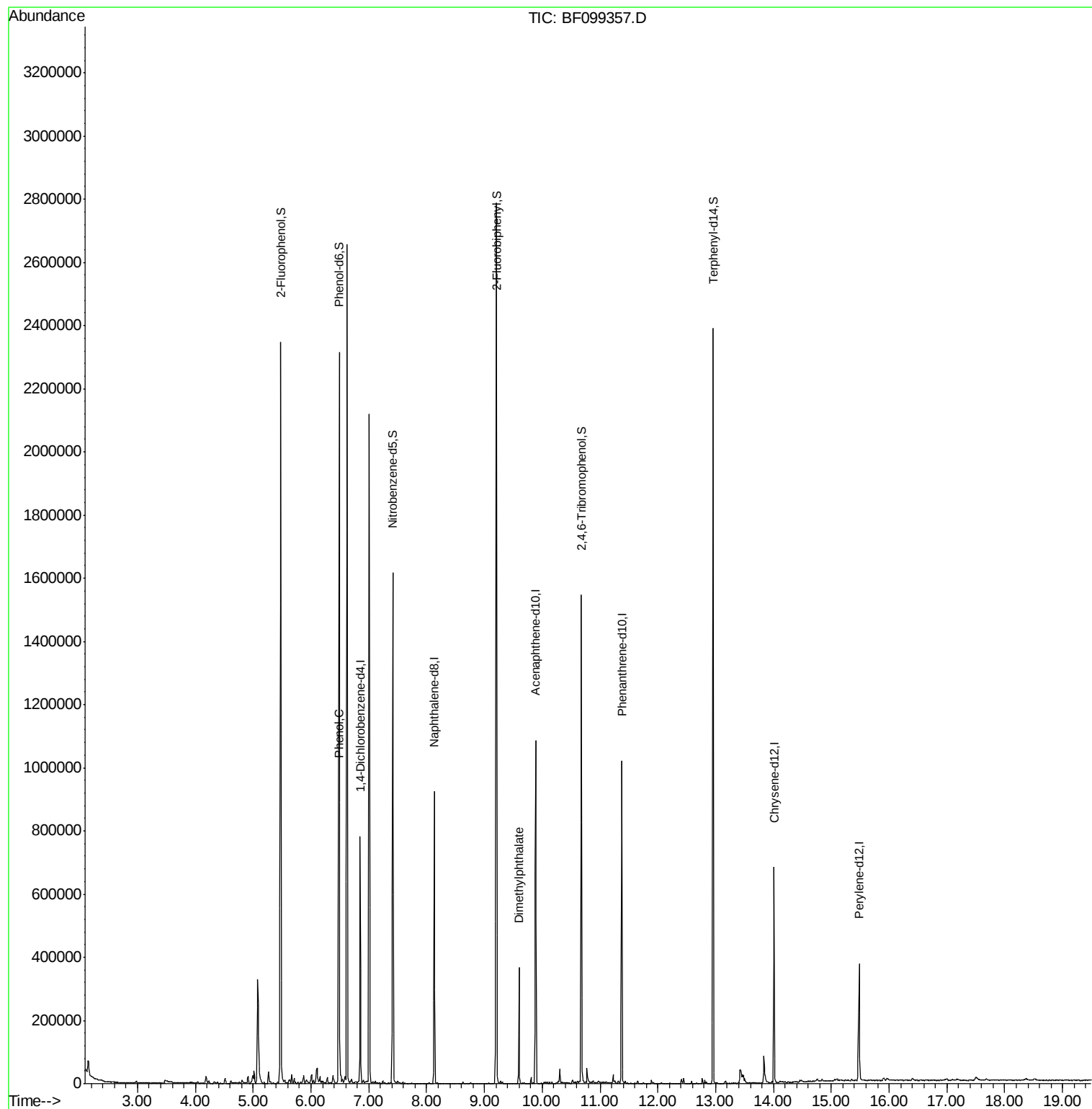
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	107357	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	443083	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	196620	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	343788	20.00	ng	0.00
75) Chrysene-d12	14.01	240	205336	20.00	ng	0.00
86) Perylene-d12	15.48	264	166615	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	784822	116.37	ng	0.00
7) Phenol-d6	6.49	99	927372	111.47	ng	0.00
23) Nitrobenzene-d5	7.42	82	565141	81.80	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	193180	120.07	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1006448	85.45	ng	0.00
78) Terphenyl-d14	12.96	244	767066	84.96	ng	0.00
Target Compounds						
10) Phenol	6.50	94	25292	2.718	ng	97
49) Dimethylphthalate	9.60	163	135023	9.099	ng	98

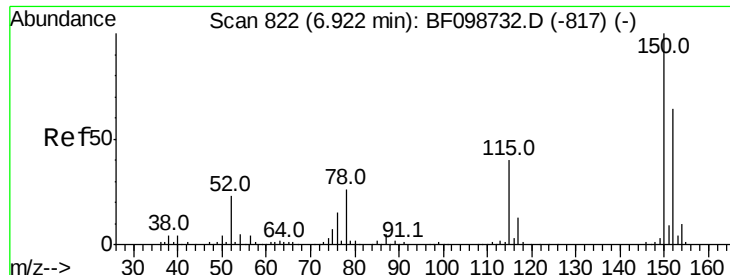
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF099357.D

Acq: 11 Oct 2017 21:08

Instrument :

BNA_F

ClientSampleId :

SB-29B

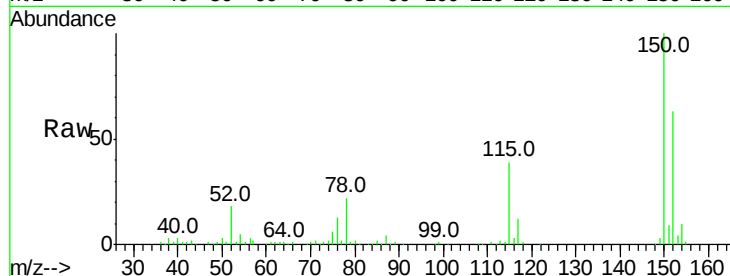
Tot Ion:152 Resp: 107357

Ion Ratio Lower Upper

152 100

150 157.6 124.6 186.8

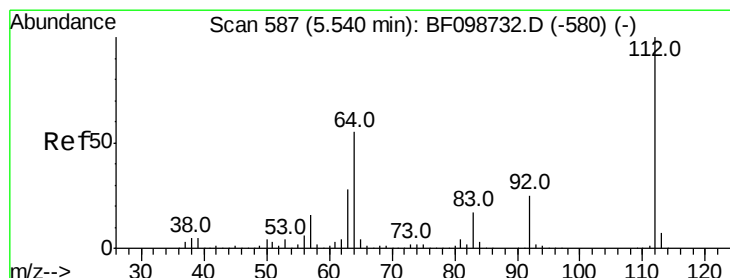
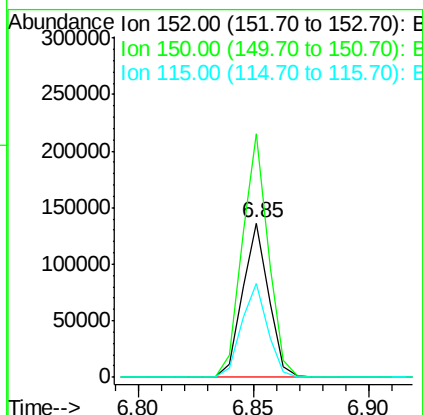
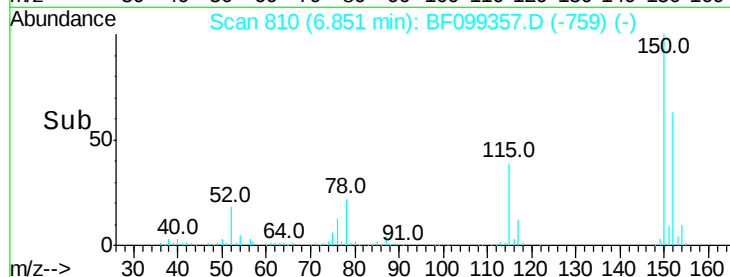
115 60.8 50.1 75.1



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: 116.374 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF099357.D

Acq: 11 Oct 2017 21:08

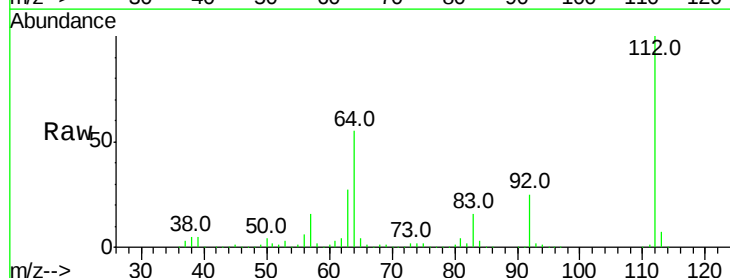
Tgt Ion:112 Resp: 784822

Ion Ratio Lower Upper

112 100

64 55.4 47.9 71.9

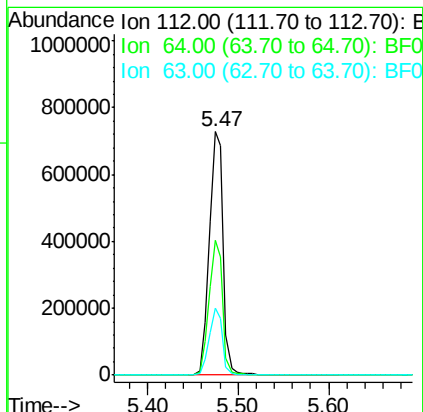
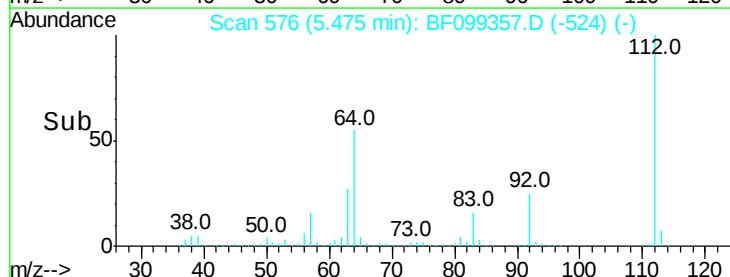
63 27.3 23.7 35.5

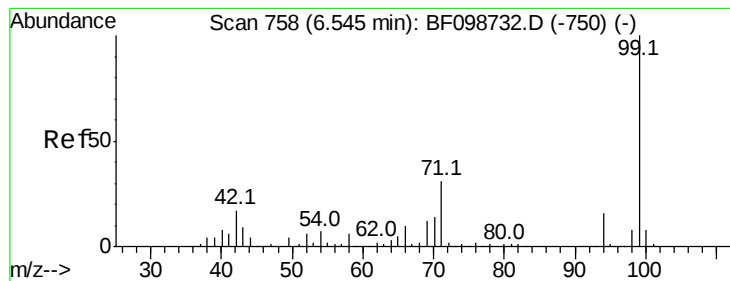


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 111.471 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF099357.D

Acq: 11 Oct 2017 21:08

Instrument :

BNA_F

ClientSampled :

SB-29B

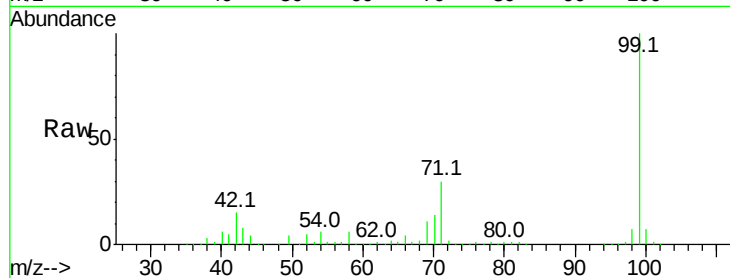
Tot Ion: 99 Resp: 927372

Ion Ratio Lower Upper

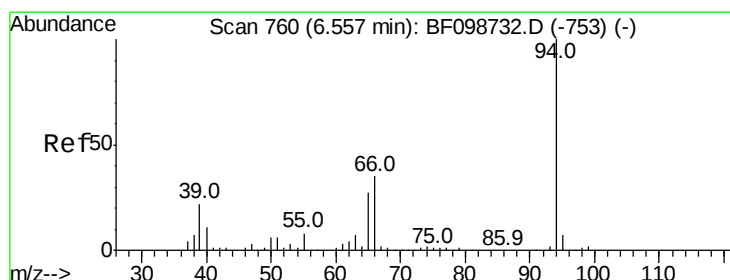
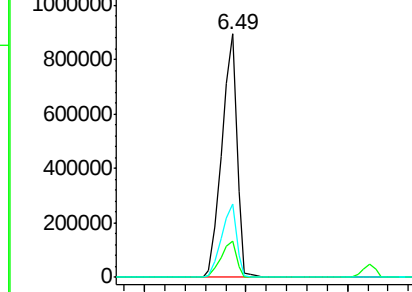
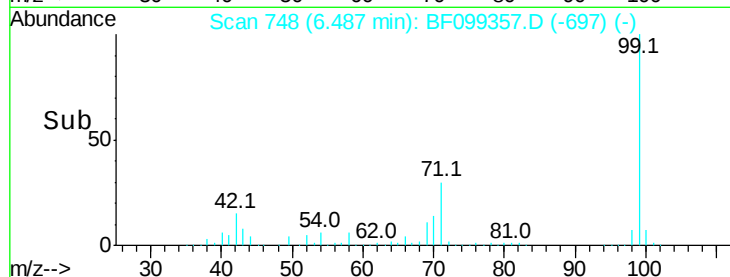
99 100

42 15.1 14.5 21.7

71 30.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.718 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF099357.D

Acq: 11 Oct 2017 21:08

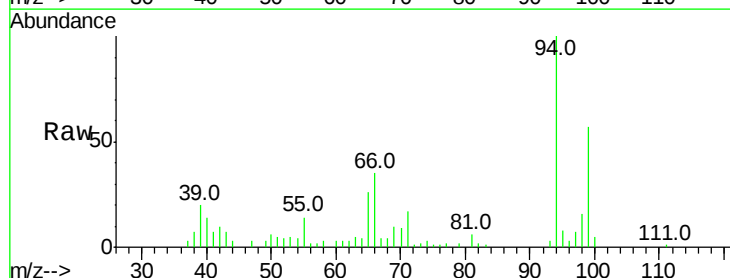
Tgt Ion: 94 Resp: 25292

Ion Ratio Lower Upper

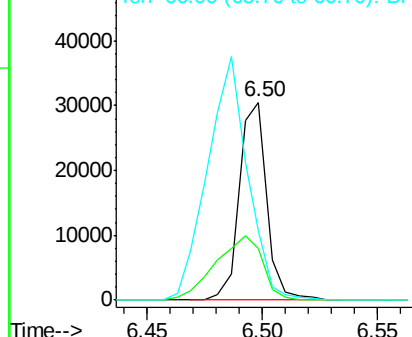
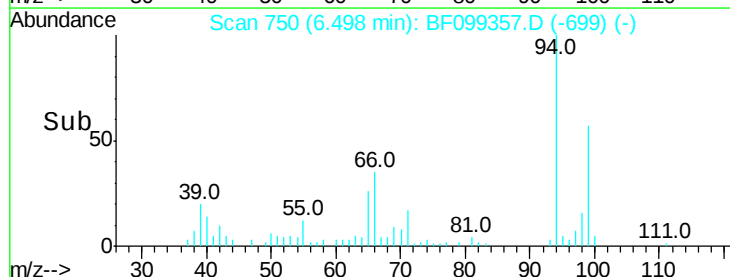
94 100

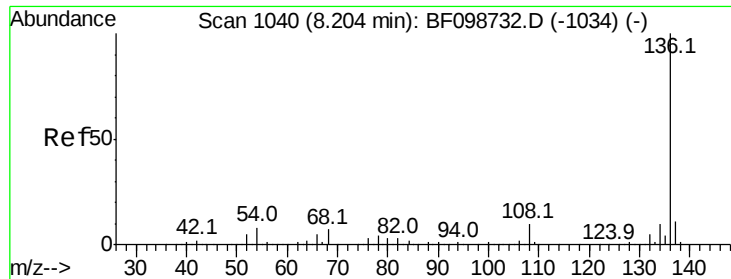
65 25.9 7.9 47.9

66 34.9 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

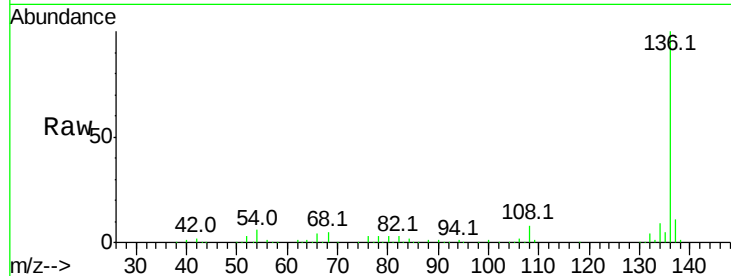




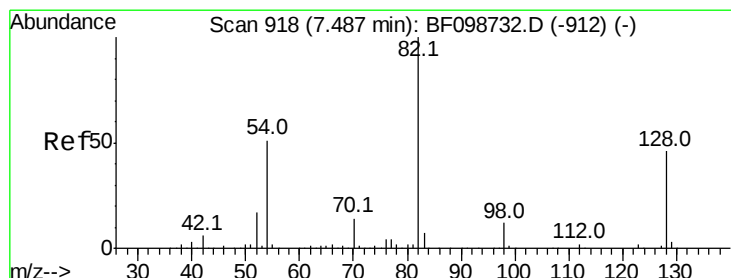
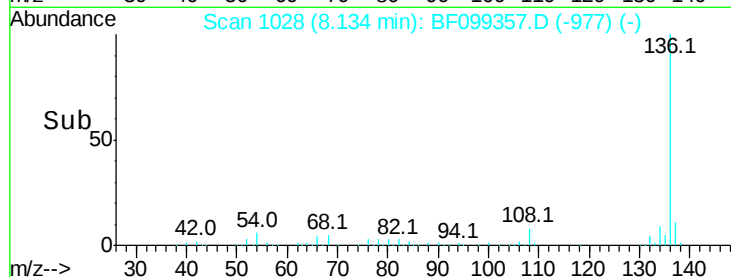
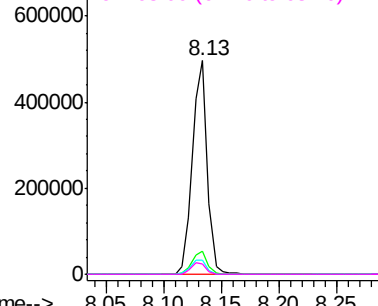
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099357.D
Acq: 11 Oct 2017 21:08

Instrument :
BNA_F
ClientSampleId :
SB-29B

Tot Ion:	136	Resp:	443083
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.3	6.6	9.8#
68	5.0	5.0	7.4

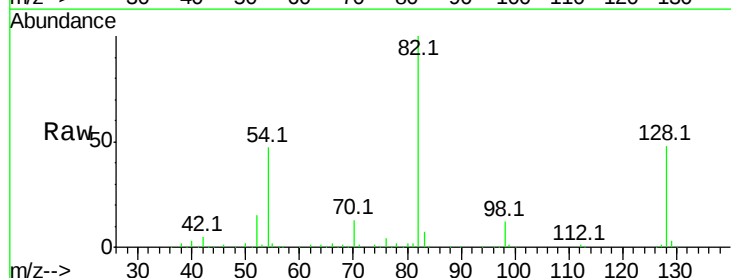


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

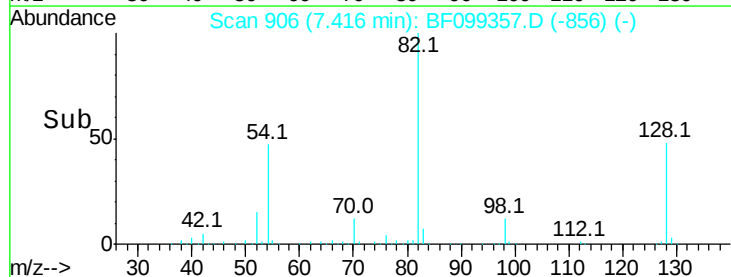
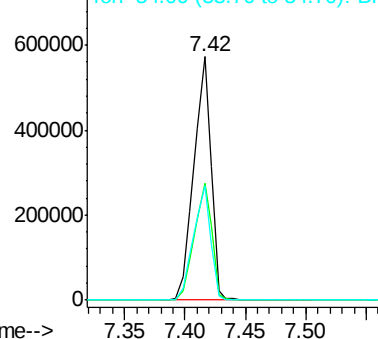


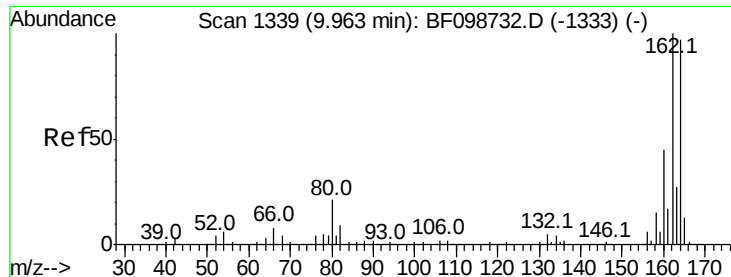
#23
Nitrobenzene-d5
Concen: 81.796 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF099357.D
Acq: 11 Oct 2017 21:08

Tgt Ion:	82	Resp:	565141
Ion	Ratio	Lower	Upper
82	100		
128	48.1	36.1	54.1
54	47.0	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

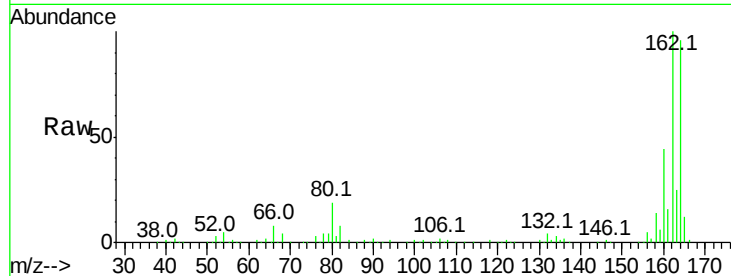




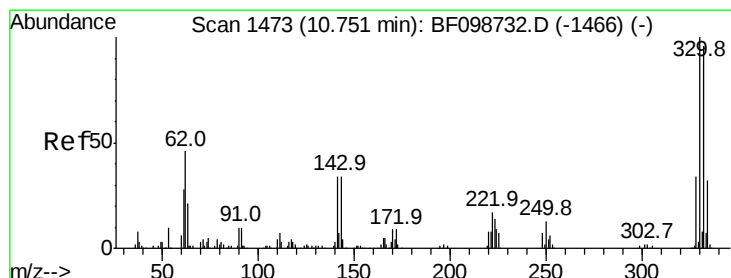
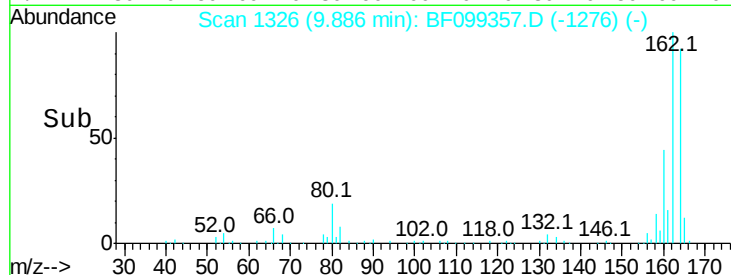
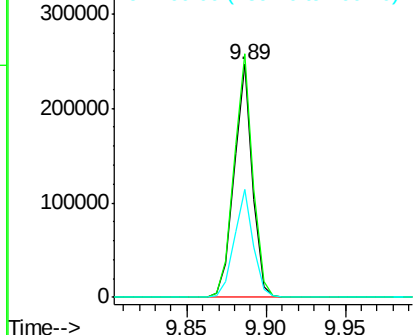
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF099357.D
Acq: 11 Oct 2017 21:08

Instrument :
BNA_F
ClientSampleId :
SB-29B

Tot Ion:164 Resp: 196620
Ion Ratio Lower Upper
164 100
162 104.4 86.1 129.1
160 46.0 38.3 57.5

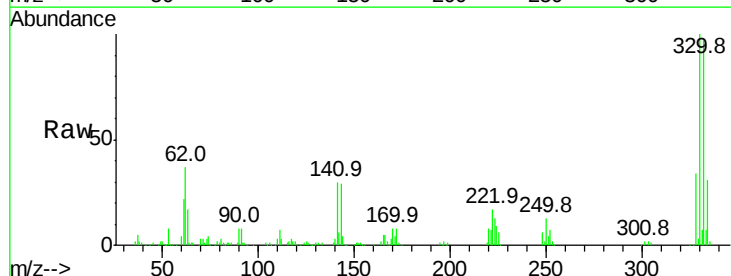


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

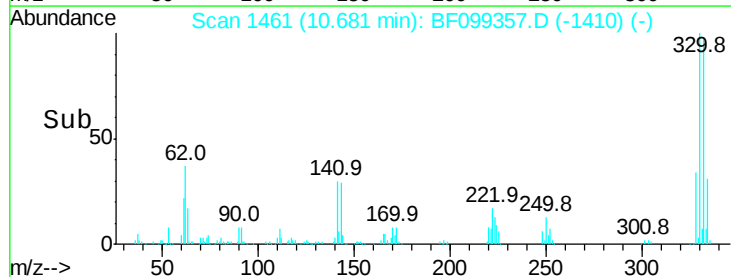
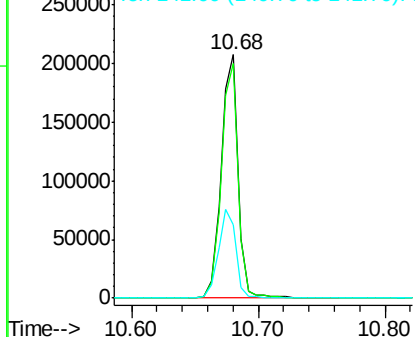


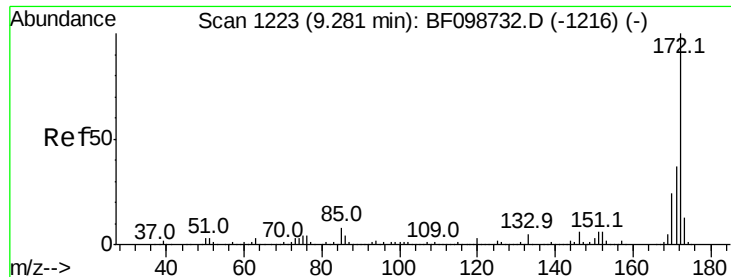
#41
2,4,6-Tribromophenol
Concen: 120.071 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF099357.D
Acq: 11 Oct 2017 21:08

Tgt Ion:330 Resp: 193180
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.6
141 37.9 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

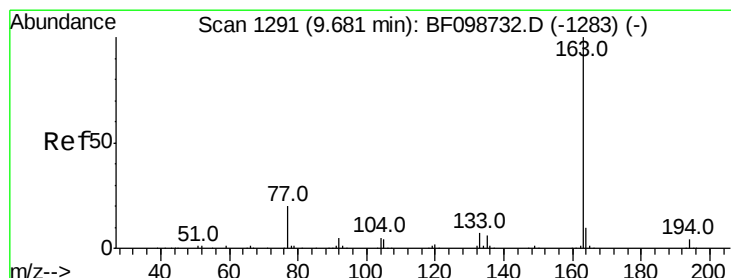
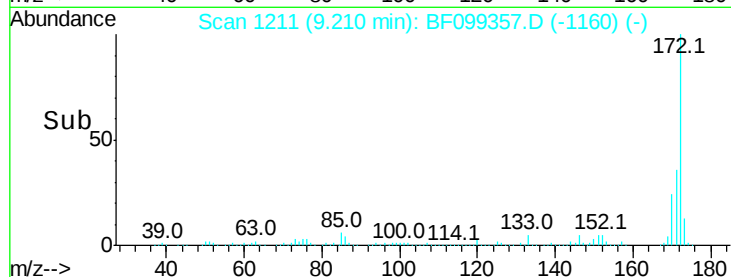
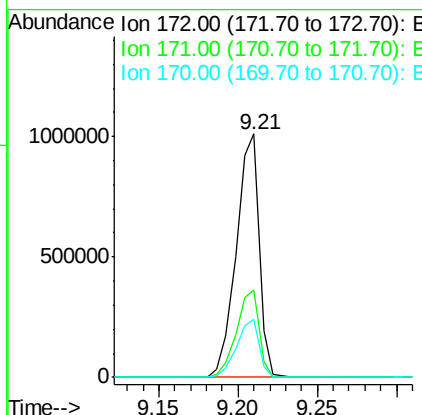
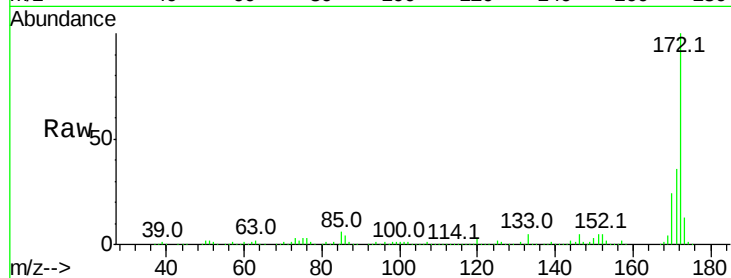




#44
2-Fluorobiphenyl
Concen: 85.453 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF099357.D
Acq: 11 Oct 2017 21:08

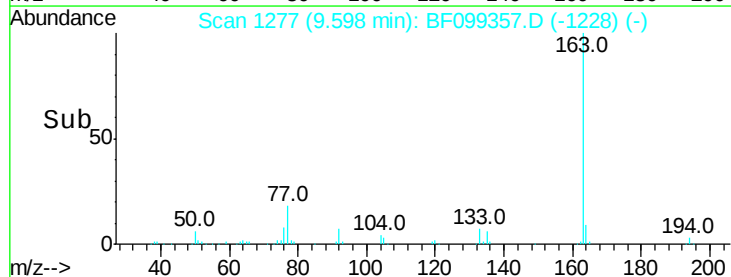
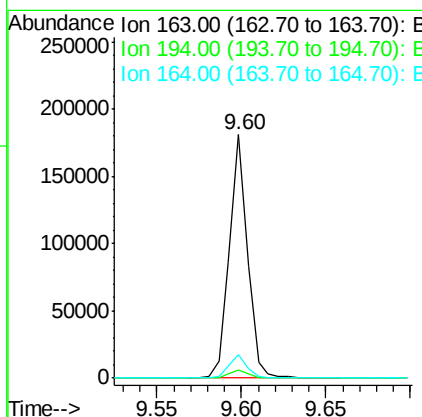
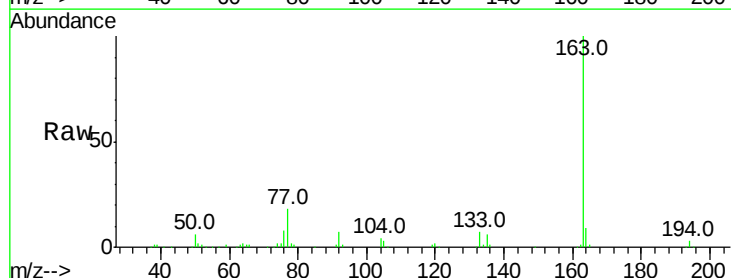
Instrument :
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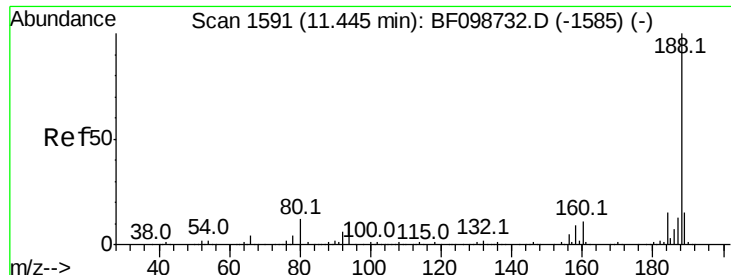
Tot Ion:172 Resp: 1006448
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 23.8 19.6 29.4



#49
Dimethylphthalate
Concen: 9.099 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF099357.D
Acq: 11 Oct 2017 21:08

Tgt Ion:163 Resp: 135023
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 9.4 8.2 12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BF099357.D

Acq: 11 Oct 2017 21:08

Instrument :

BNA_F

ClientSampled :

SB-29B

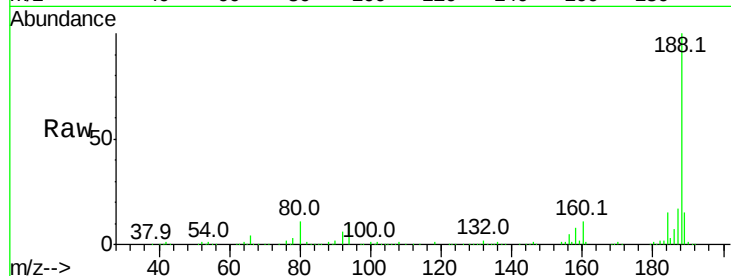
Tot Ion:188 Resp: 343788

Ion Ratio Lower Upper

188 100

94 10.1 8.5 12.7

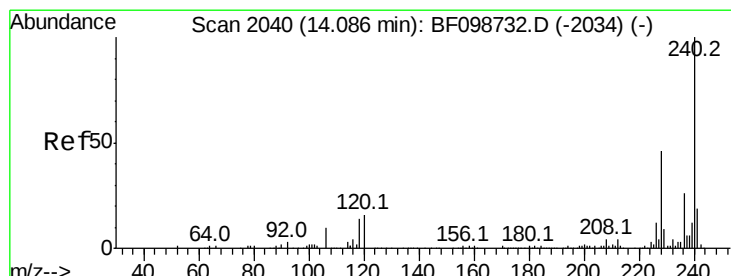
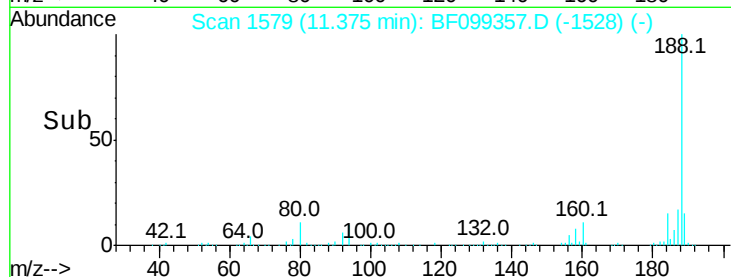
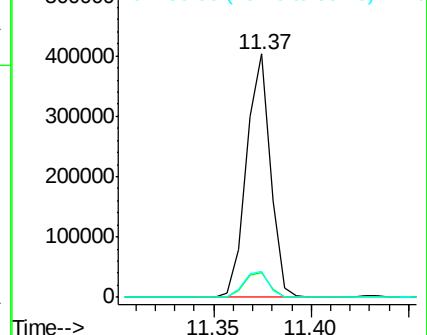
80 10.6 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF099357.D

Acq: 11 Oct 2017 21:08

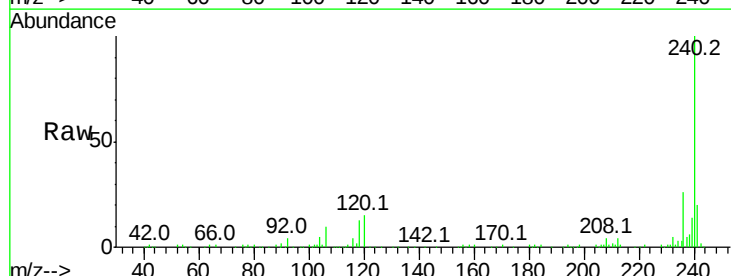
Tgt Ion:240 Resp: 205336

Ion Ratio Lower Upper

240 100

120 14.8 9.5 14.3#

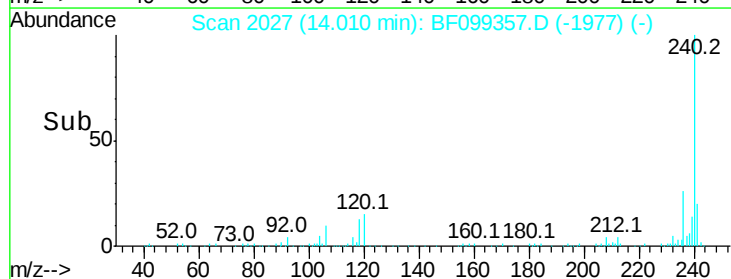
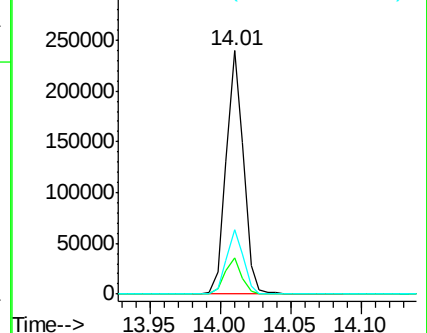
236 26.3 20.7 31.1

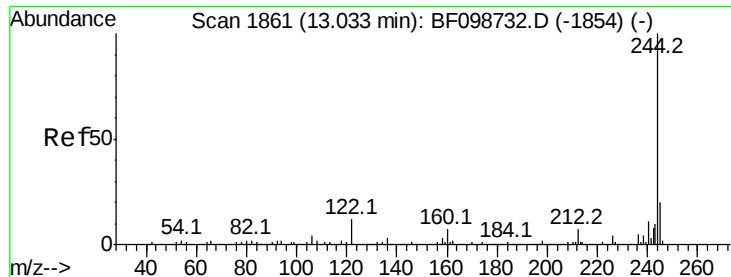


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 84.957 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BF099357.D

Acq: 11 Oct 2017 21:08

Instrument :

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SB-29B

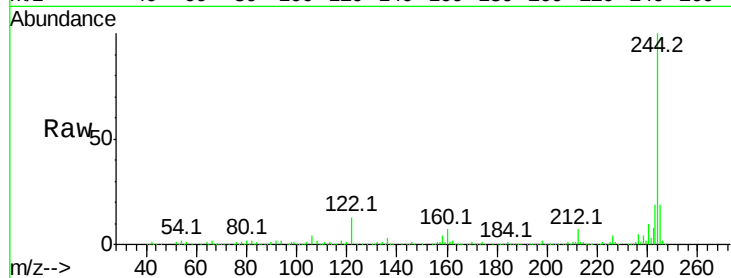
Tot Ion:244 Resp: 767066

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

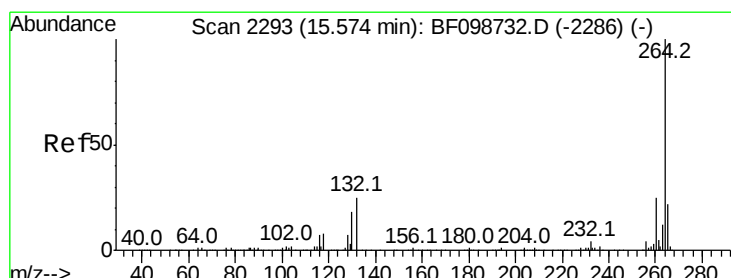
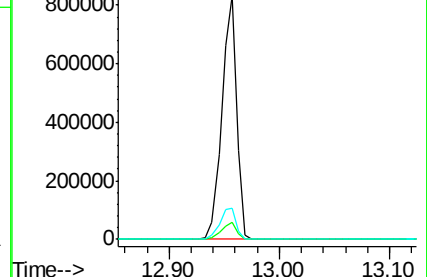
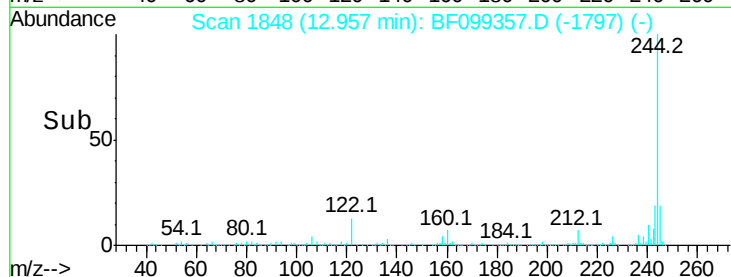
122 13.0 11.0 16.4



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: 15.48 min Scan# 2277

Delta R.T. 0.00 min

Lab File: BF099357.D

Acq: 11 Oct 2017 21:08

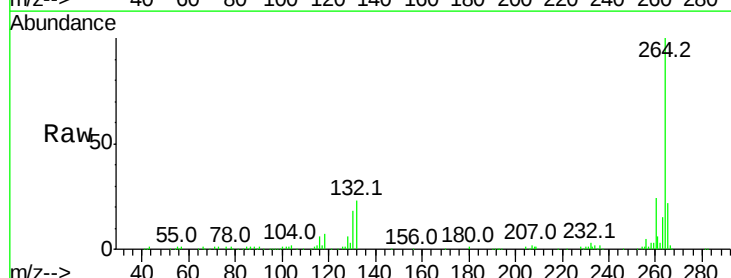
Tgt Ion:264 Resp: 166615

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 22.4 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

