

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
 Data File : BF106476.D
 Acq On : 15 Jun 2018 6:50
 Operator : JU/SJ
 Sample : J3475-03
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 061218-DBRI-F-D-S

Quant Time: Jun 15 08:50:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 14 18:39:24 2018
 Response via : Initial Calibration

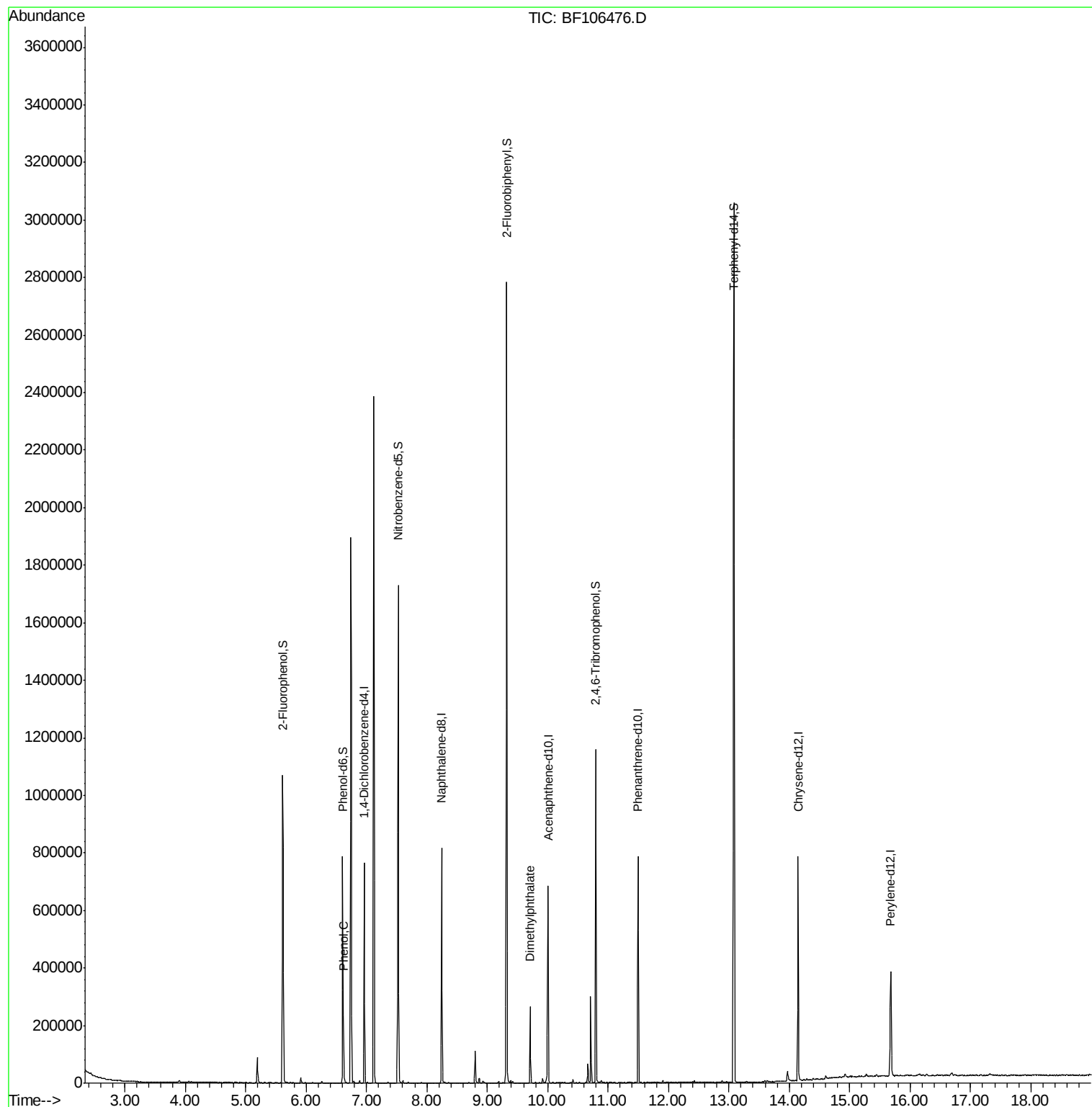
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	100249	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	337198	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	132226	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	257776	20.00	ng	0.00
75) Chrysene-d12	14.15	240	274948	20.00	ng	-0.01
86) Perylene-d12	15.68	264	184325	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	297782	50.27	ng	0.00
7) Phenol-d6	6.61	99	243922	32.60	ng	0.00
23) Nitrobenzene-d5	7.53	82	599106	104.52	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	139732	109.83	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	920539	164.28	ng	0.00
78) Terphenyl-d14	13.08	244	1085704	98.08	ng	0.00
Target Compounds						
10) Phenol	6.62	94	17091	2.092	ng	93
49) Dimethylphthalate	9.71	163	108624	11.498	ng	98

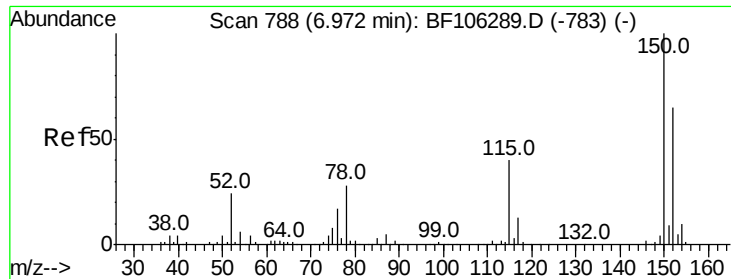
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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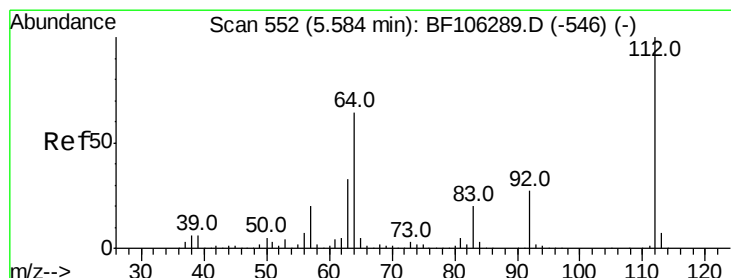
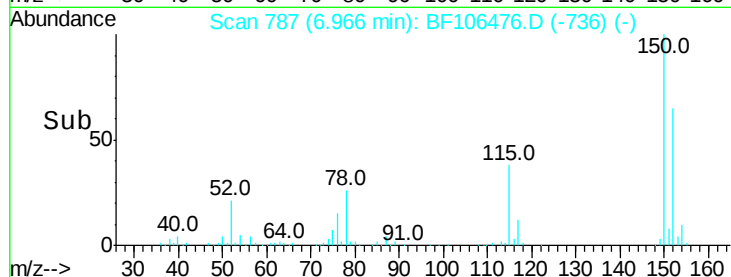
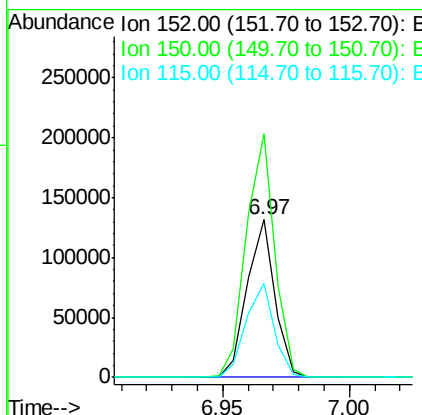
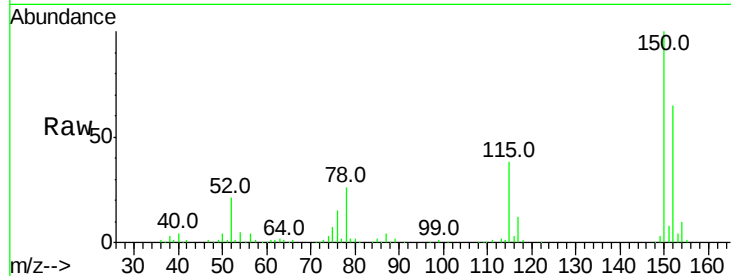


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF106476.D
Acq: 15 Jun 2018 6:50

Instrument :
BNA_F
ClientSampleId :
061218-DBRI-F-D-S

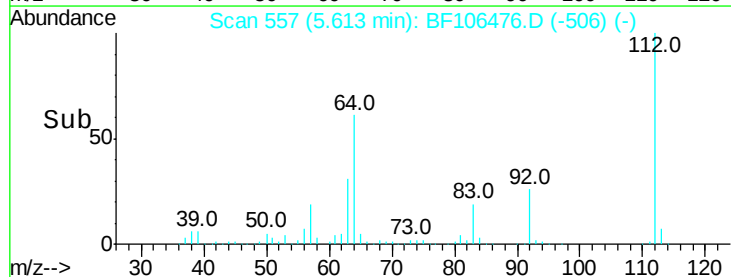
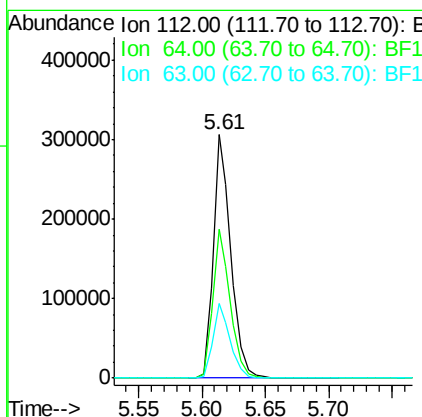
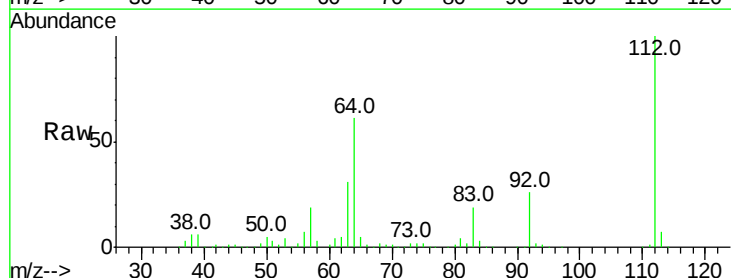
Tot Ion:152 Resp: 100249
Ion Ratio Lower Upper
152 100
150 154.3 124.6 186.8
115 59.4 50.1 75.1



#5

2-Fluorophenol
Concen: 50.274 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF106476.D
Acq: 15 Jun 2018 6:50

Tgt Ion:112 Resp: 297782
Ion Ratio Lower Upper
112 100
64 61.1 47.9 71.9
63 30.6 23.7 35.5





#7

Phenol-d6

Concen: 32.595 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106476.D

Acq: 15 Jun 2018 6:50

Instrument :

BNA_F

ClientSampleId :

061218-DBRI-F-D-S

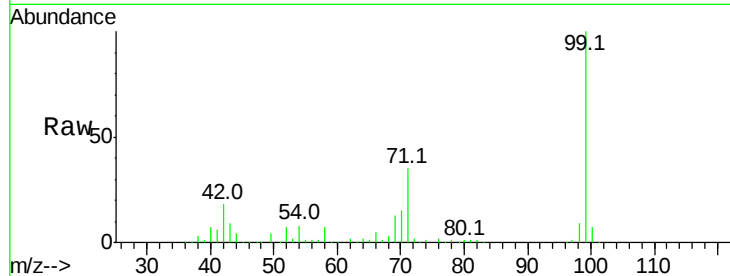
Tot Ion: 99 Resp: 243922

Ion Ratio Lower Upper

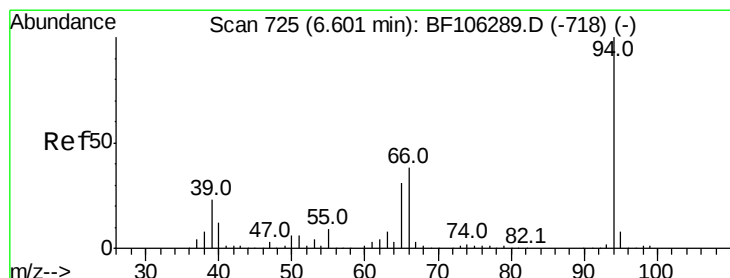
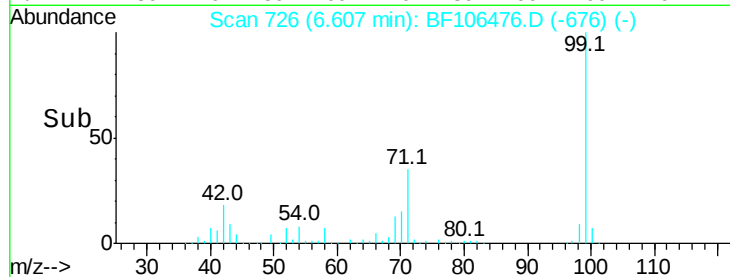
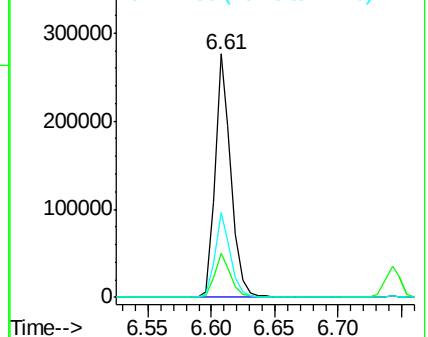
99 100

42 18.2 14.5 21.7

71 34.9 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: 2.092 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF106476.D

Acq: 15 Jun 2018 6:50

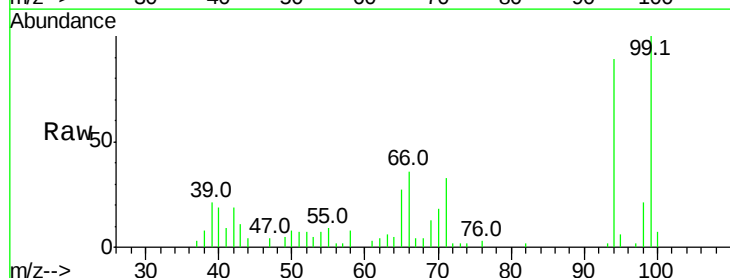
Tgt Ion: 94 Resp: 17091

Ion Ratio Lower Upper

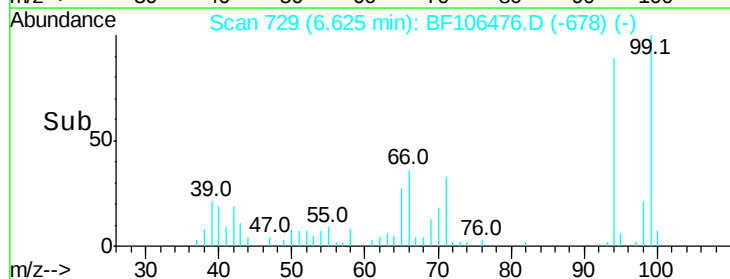
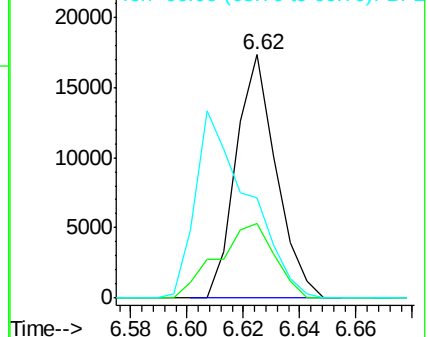
94 100

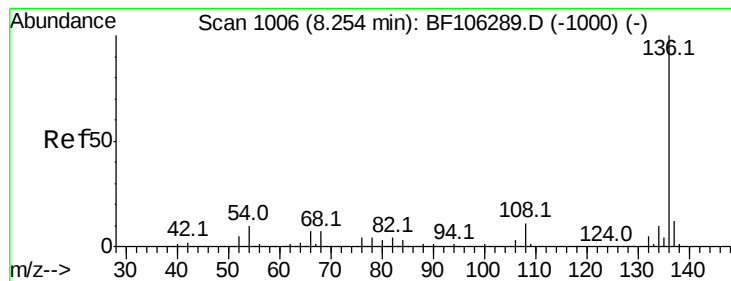
65 30.9 7.9 47.9

66 41.1 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: 8.25 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF106476.D

Acq: 15 Jun 2018 6:50

Instrument :

BNA_F

ClientSampleId :

061218-DBRI-F-D-S

Tot Ion:136 Resp: 337198

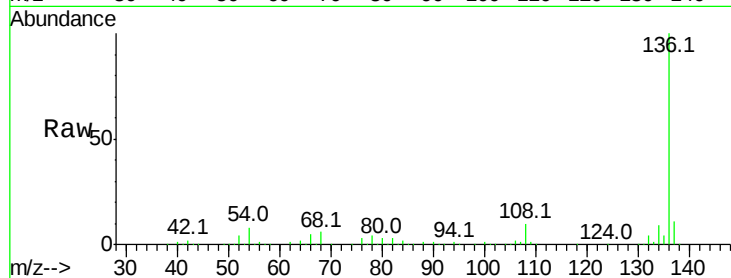
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.9 6.6 9.8

68 6.3 5.0 7.4

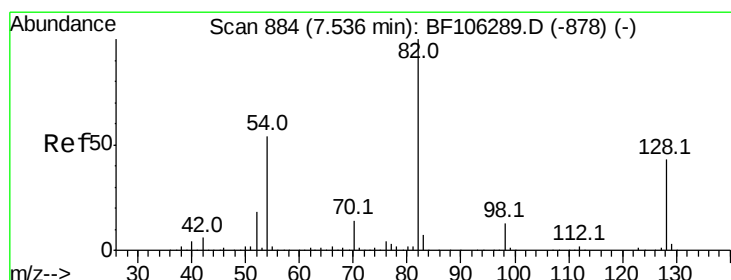
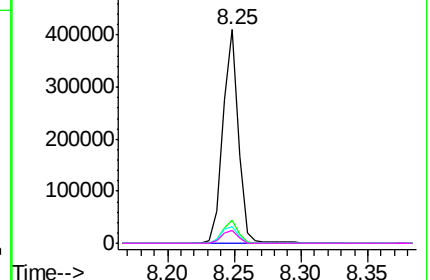
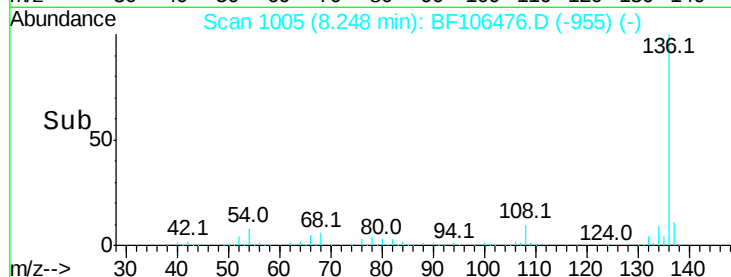


Abundance Ion 136.00 (135.70 to 136.70): E

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: 104.522 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF106476.D

Acq: 15 Jun 2018 6:50

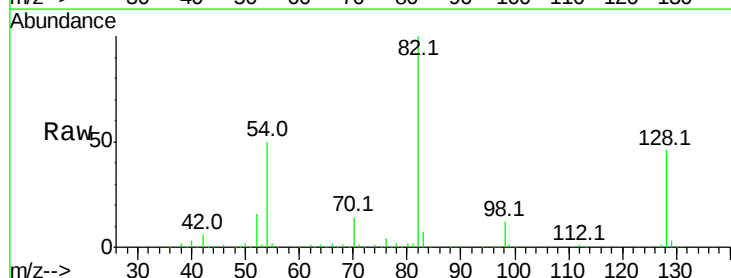
Tgt Ion: 82 Resp: 599106

Ion Ratio Lower Upper

82 100

128 45.6 36.1 54.1

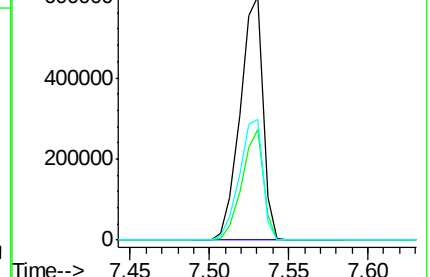
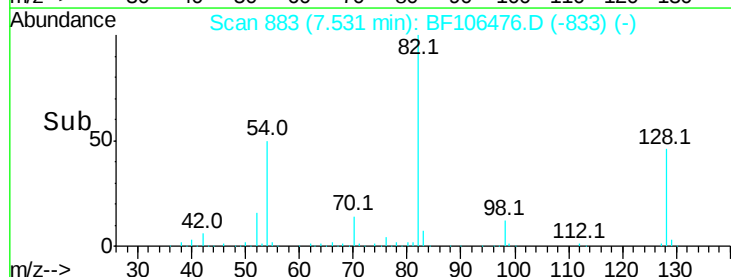
54 49.6 41.4 62.2

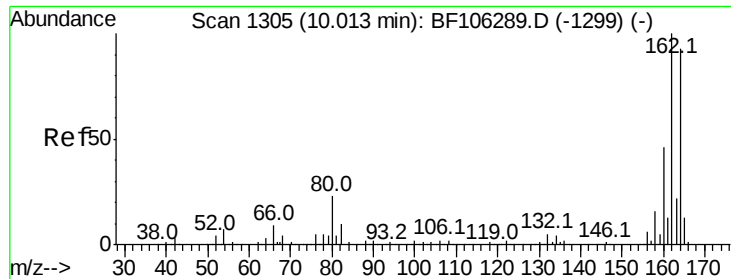


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 10.01 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF106476.D

Acq: 15 Jun 2018 6:50

Instrument :

BNA_F

ClientSampleId :

061218-DBRI-F-D-S

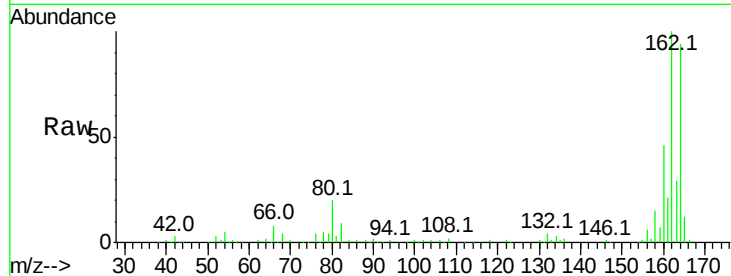
Tot Ion:164 Resp: 132226

Ion Ratio Lower Upper

164 100

162 105.9 86.1 129.1

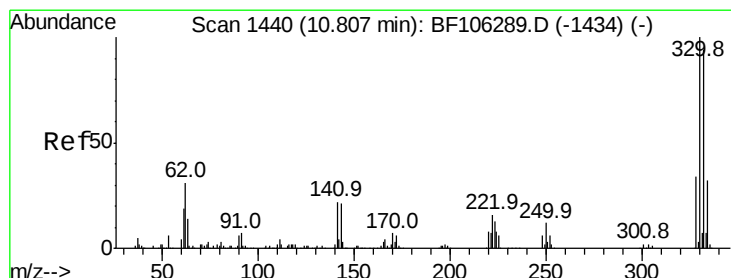
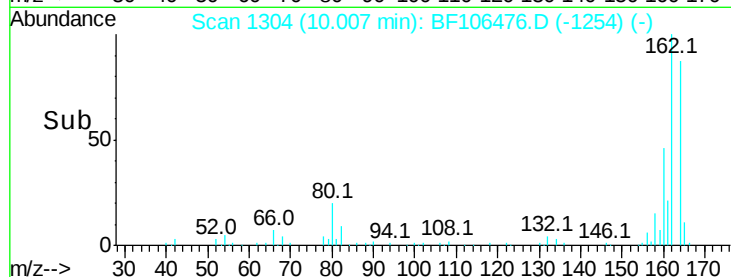
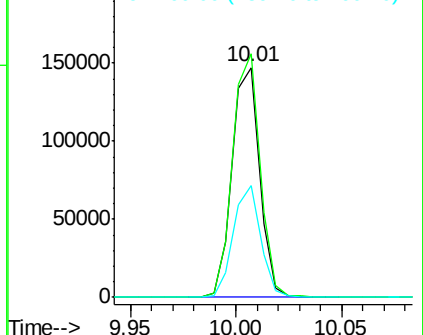
160 48.7 38.3 57.5



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: 109.831 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF106476.D

Acq: 15 Jun 2018 6:50

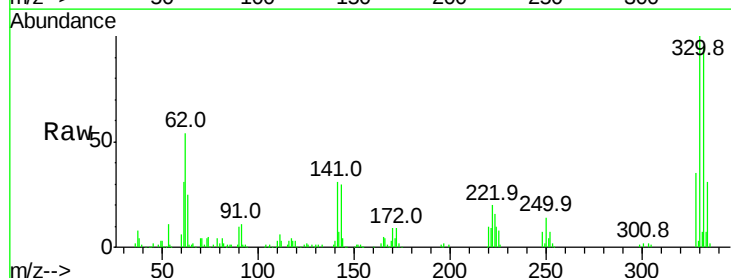
Tgt Ion:330 Resp: 139732

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

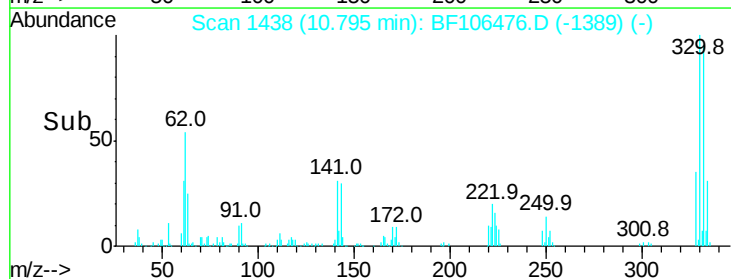
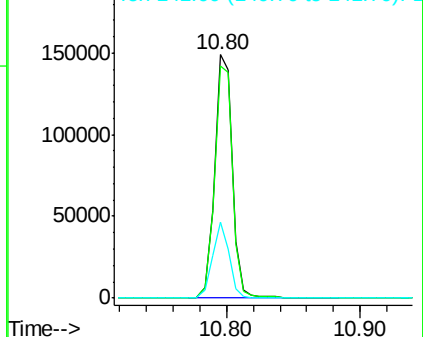
141 28.9 29.9 44.9#

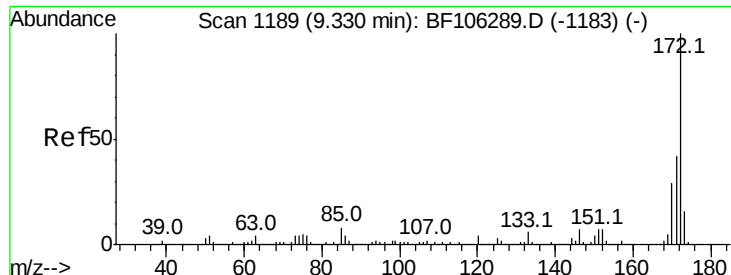


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

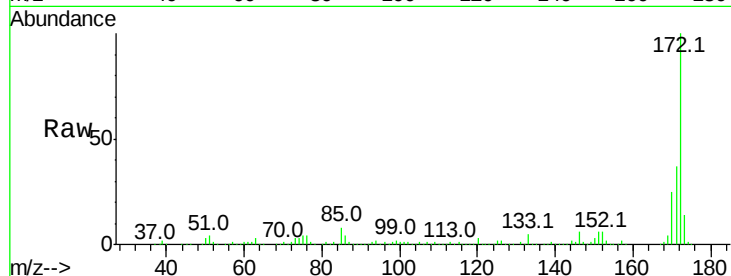




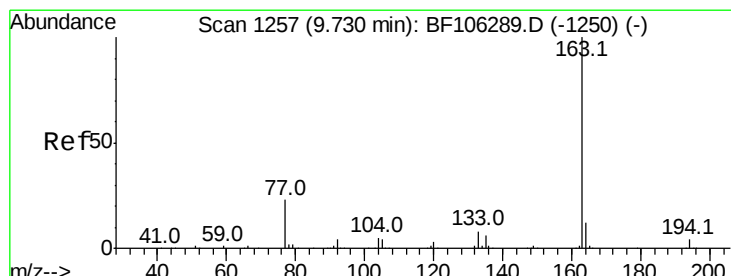
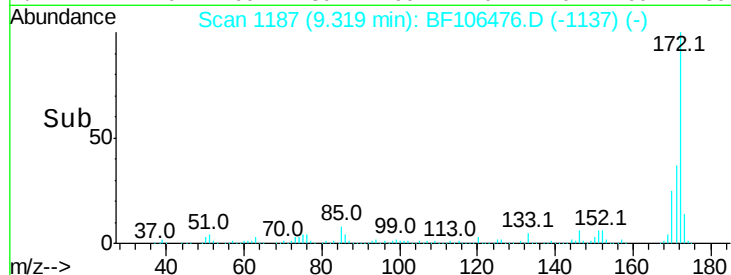
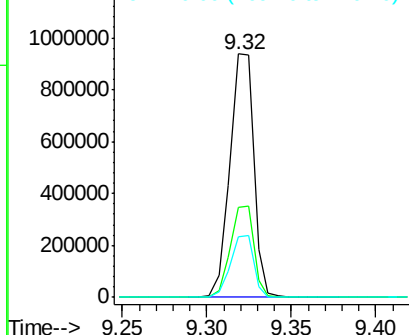
#44
2-Fluorobiphenyl
Concen: 164.284 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF106476.D
Acq: 15 Jun 2018 6:50

Instrument :
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Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	25.0	19.6	29.4

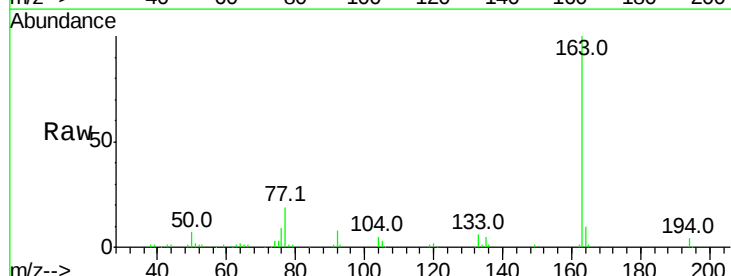


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

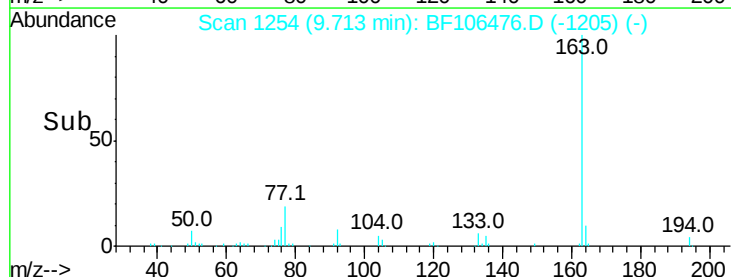
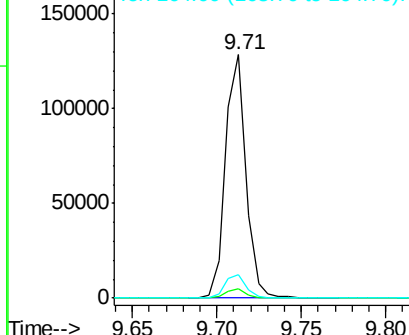


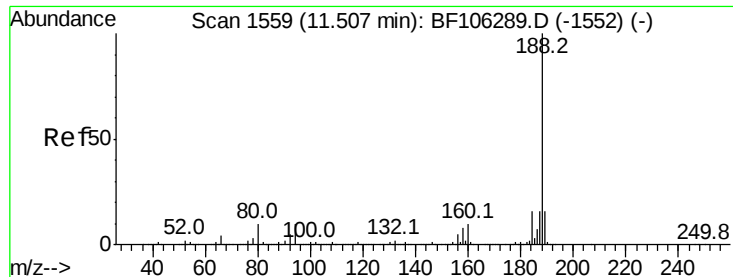
#49
Dimethylphthalate
Concen: 11.498 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106476.D
Acq: 15 Jun 2018 6:50

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	9.5	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: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106476.D

Acq: 15 Jun 2018 6:50

Instrument :

BNA_F

ClientSampleId :

061218-DBRI-F-D-S

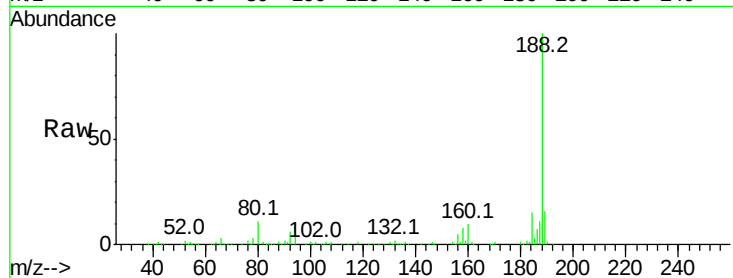
Tot Ion:188 Resp: 257776

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

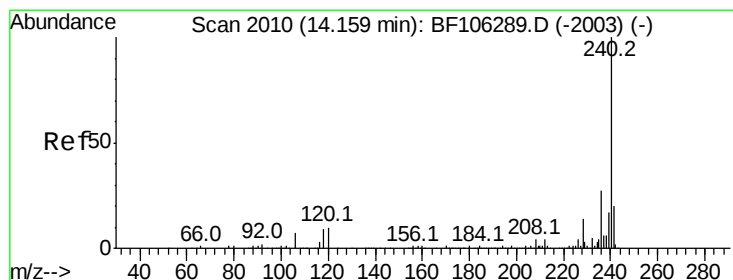
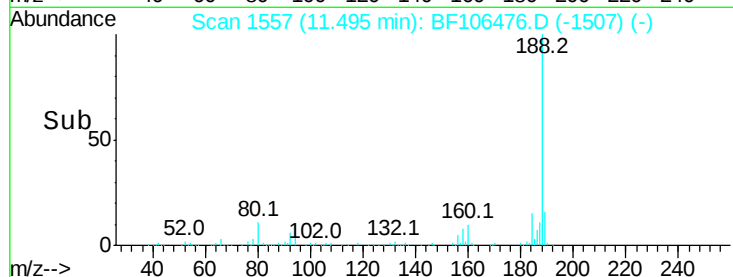
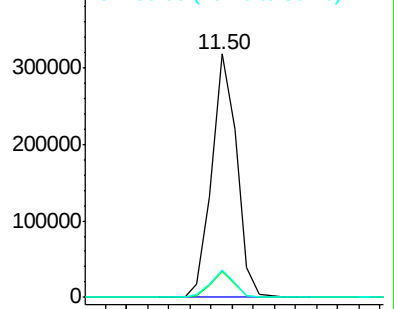
80 11.0 9.2 13.8



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: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106476.D

Acq: 15 Jun 2018 6:50

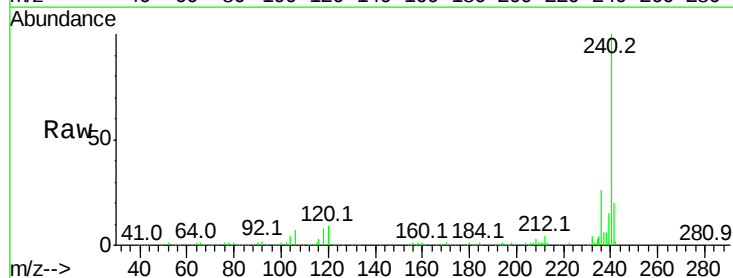
Tgt Ion:240 Resp: 274948

Ion Ratio Lower Upper

240 100

120 9.2 9.5 14.3#

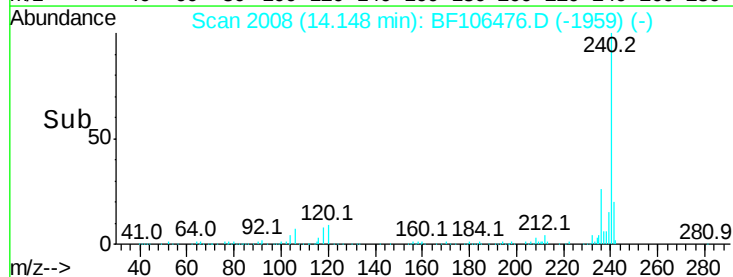
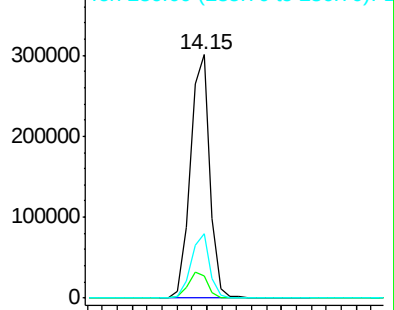
236 26.3 20.7 31.1

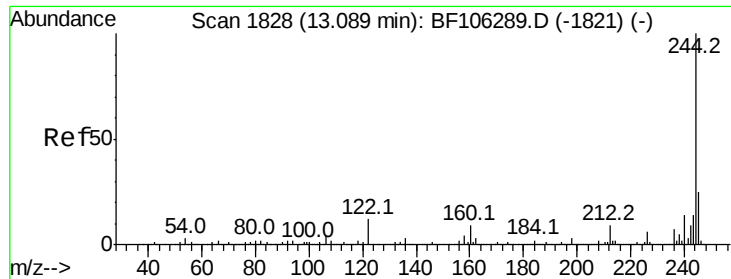


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 98.079 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106476.D

Acq: 15 Jun 2018 6:50

Instrument :

BNA_F

ClientSampleId :

061218-DBRI-F-D-S

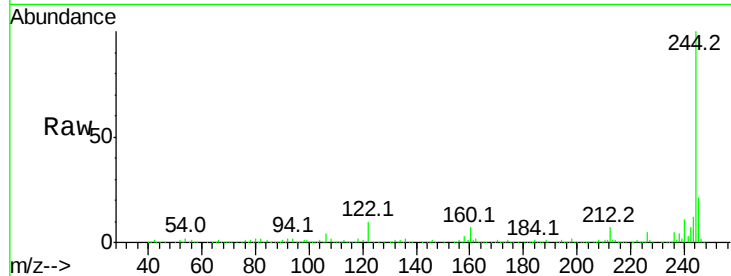
Tot Ion:244 Resp: 1085704

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

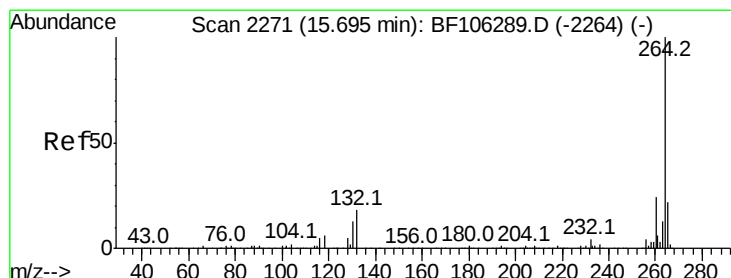
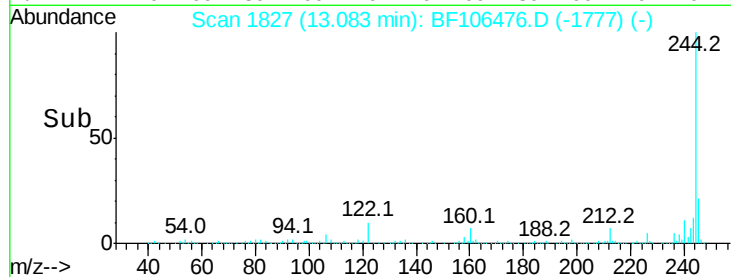
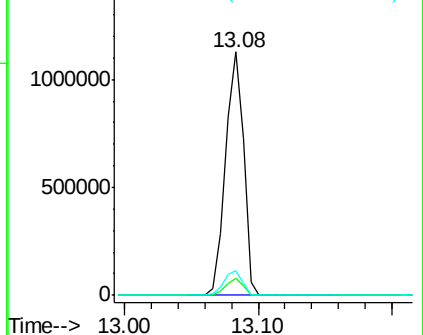
122 10.3 11.0 16.4#



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: 15.68 min Scan# 2269

Delta R.T. -0.02 min

Lab File: BF106476.D

Acq: 15 Jun 2018 6:50

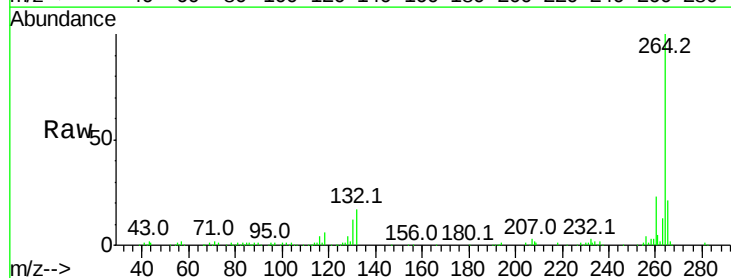
Tgt Ion:264 Resp: 184325

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.0 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

