

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\
 Data File : BF106523.D
 Acq On : 16 Jun 2018 6:03
 Operator : JU/SJ
 Sample : J3467-05DL 2X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PR-MW-05-061118DL

Quant Time: Jun 16 06:55:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 15 11:11:47 2018
 Response via : Initial Calibration

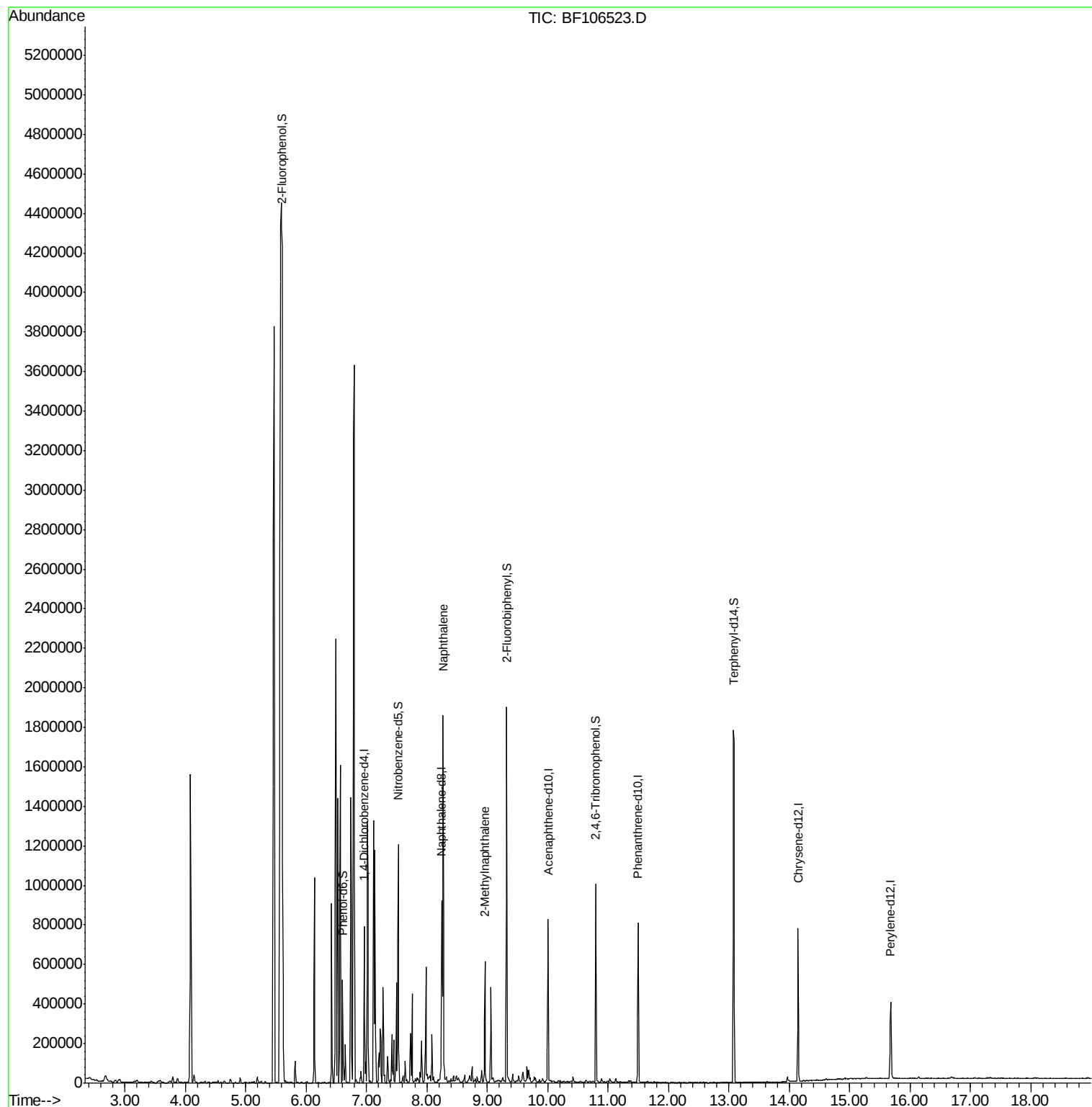
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	103738	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	367428	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	149107	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	283541	20.00	ng	0.00
75) Chrysene-d12	14.15	240	277749	20.00	ng	0.00
86) Perylene-d12	15.68	264	190843	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	164293	26.80	ng	0.00
7) Phenol-d6	6.61	99	137797	17.79	ng	0.00
23) Nitrobenzene-d5	7.52	82	324571	51.97	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	114424	79.76	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	563447	60.94	ng	0.00
78) Terphenyl-d14	13.08	244	635155	56.80	ng	0.00
Target Compounds						
31) Naphthalene	8.27	128	725039	43.652	ng	99
37) 2-Methylnaphthalene	8.96	142	147624	13.049	ng	99

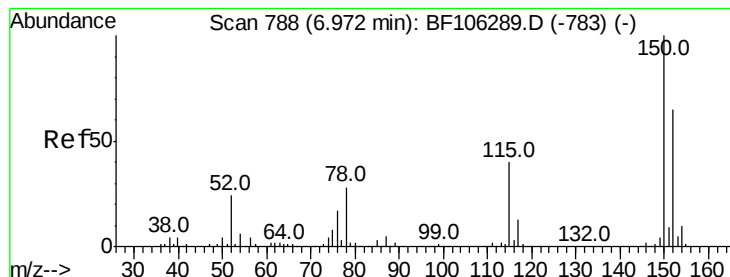
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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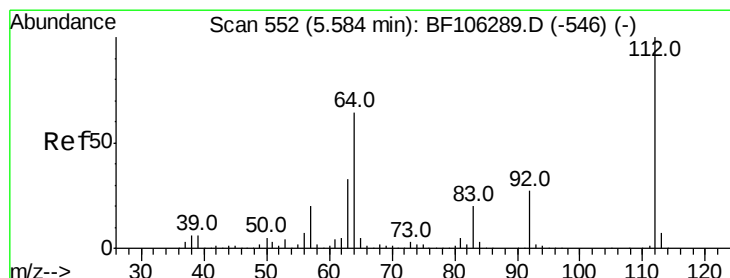
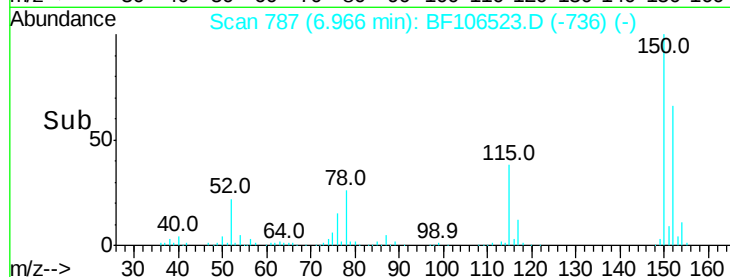
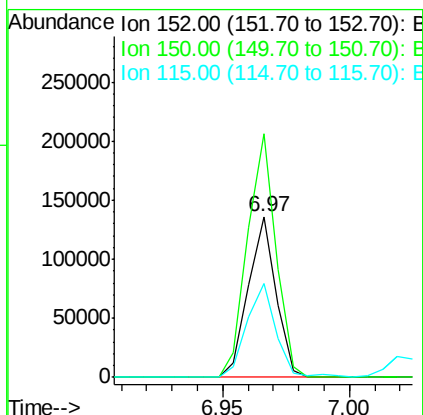
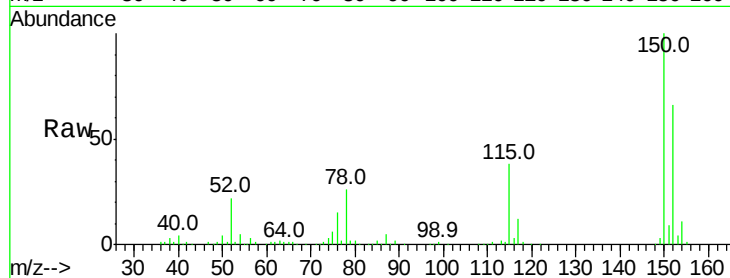


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF106523.D
 Acq: 16 Jun 2018 6:03

Instrument :
 BNA_F
 ClientSampleId :
 PR-MW-05-061118DL

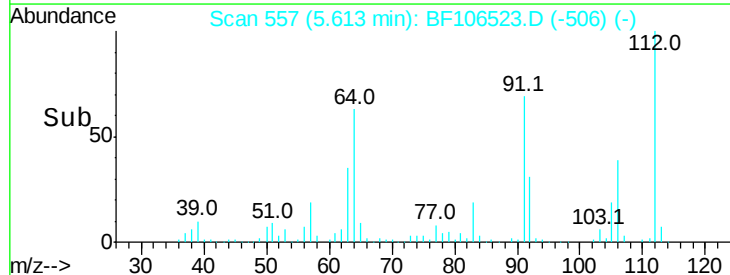
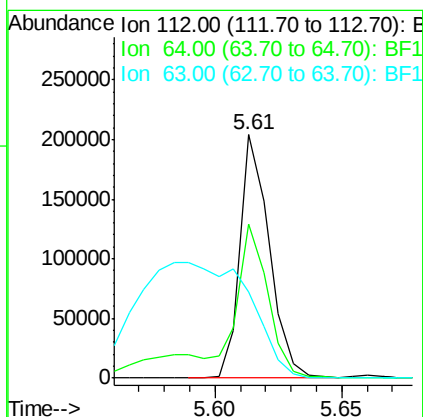
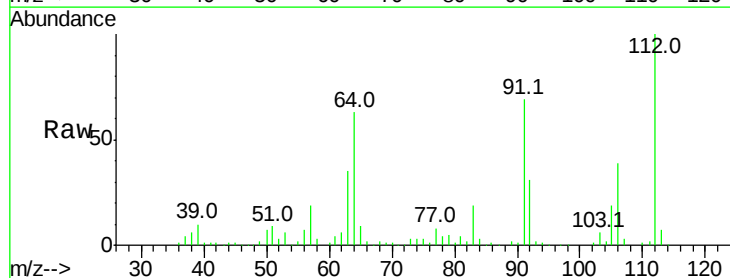
Tot Ion:152 Resp: 103738
 Ion Ratio Lower Upper
 152 100
 150 151.5 124.6 186.8
 115 58.3 50.1 75.1

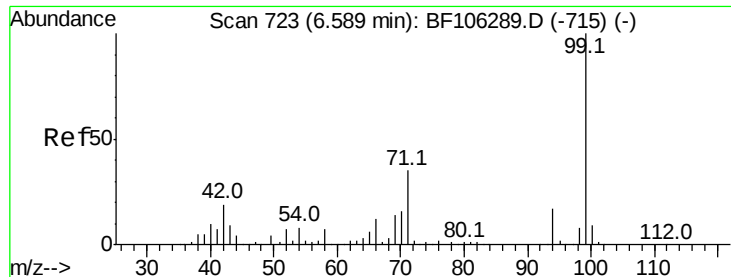


#5

2-Fluorophenol
 Concen: 26.805 ng
 RT: 5.61 min Scan# 557
 Delta R.T. 0.00 min
 Lab File: BF106523.D
 Acq: 16 Jun 2018 6:03

Tgt Ion:112 Resp: 164293
 Ion Ratio Lower Upper
 112 100
 64 63.4 47.9 71.9
 63 35.2 23.7 35.5





#7

Phenol-d6

Concen: 17.795 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106523.D

Acq: 16 Jun 2018 6:03

Instrument :

BNA_F

ClientSampleId :

PR-MW-05-061118DL

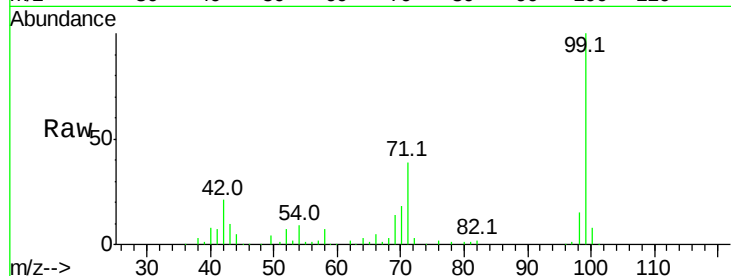
Tot Ion: 99 Resp: 137797

Ion Ratio Lower Upper

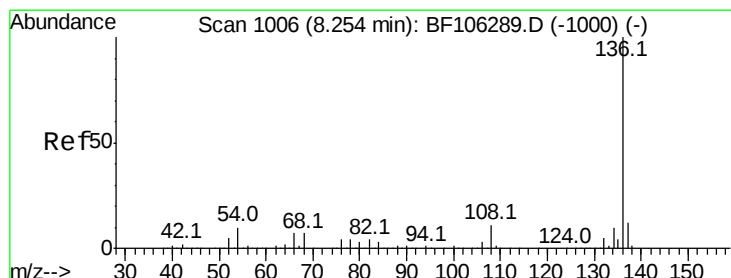
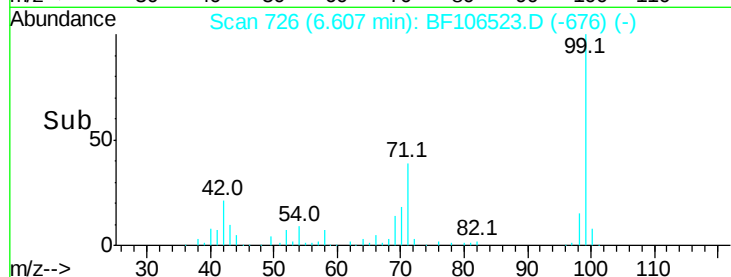
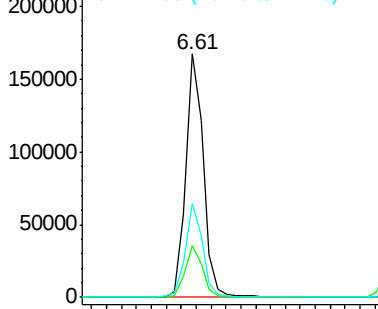
99 100

42 21.0 14.5 21.7

71 38.6 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF106523.D

Acq: 16 Jun 2018 6:03

Tgt Ion: 136 Resp: 367428

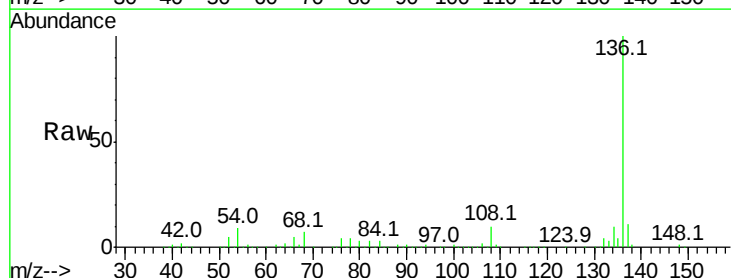
Ion Ratio Lower Upper

136 100

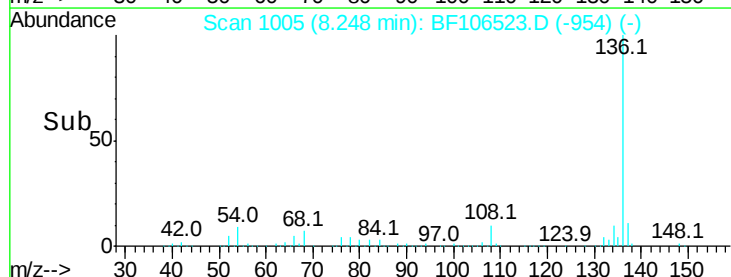
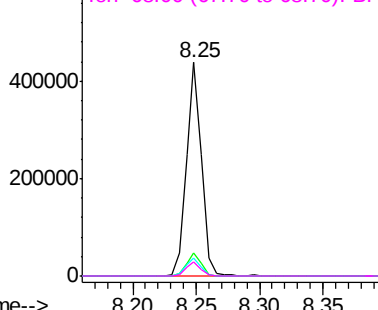
137 10.8 8.9 13.3

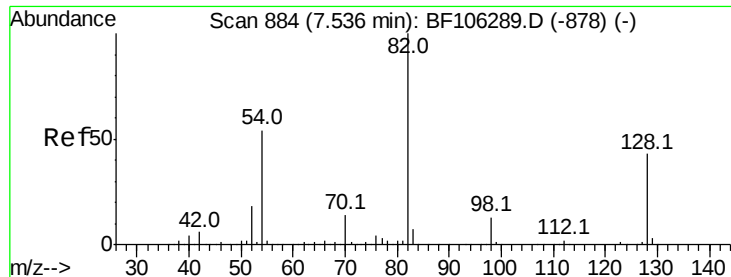
54 8.6 6.6 9.8

68 6.5 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

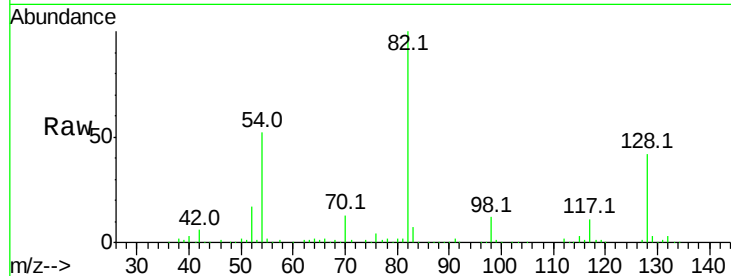




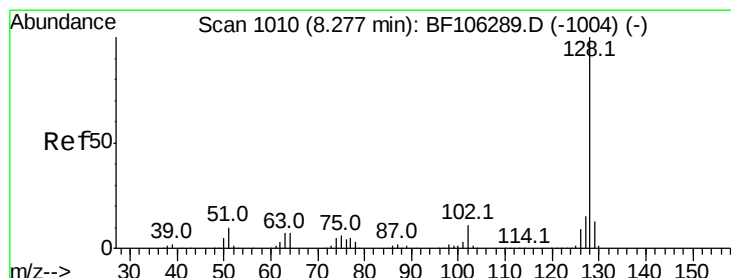
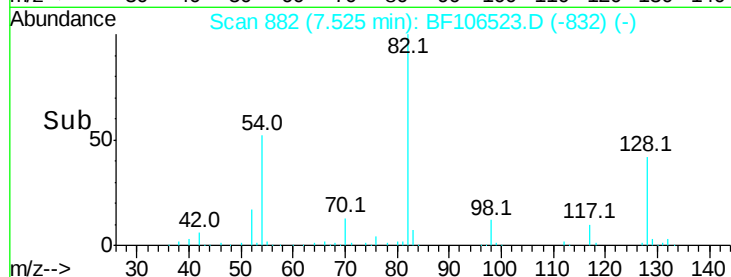
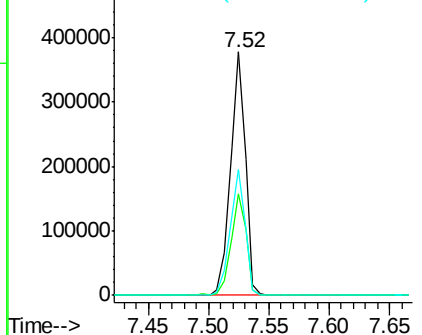
#23
Nitrobenzene-d5
Concen: 51.967 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106523.D
Acq: 16 Jun 2018 6:03

Instrument :
BNA_F
ClientSampleId :
PR-MW-05-061118DL

Tot Ion: 82 Resp: 324571
Ion Ratio Lower Upper
82 100
128 41.9 36.1 54.1
54 51.8 41.4 62.2

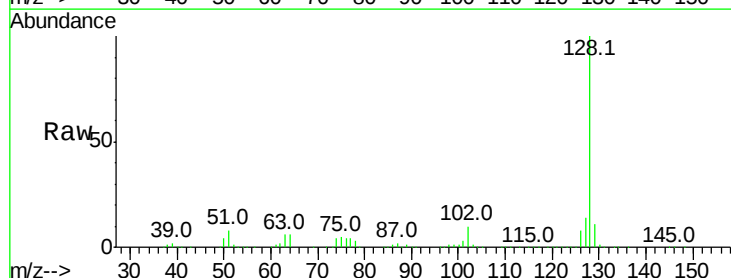


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

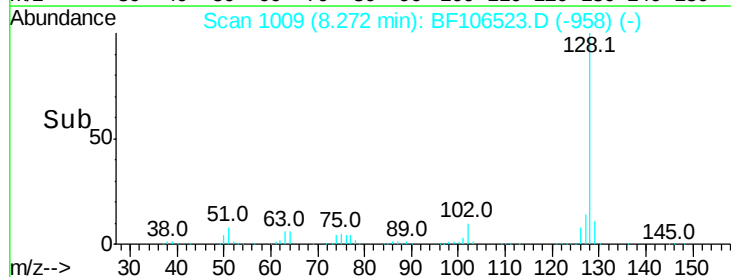
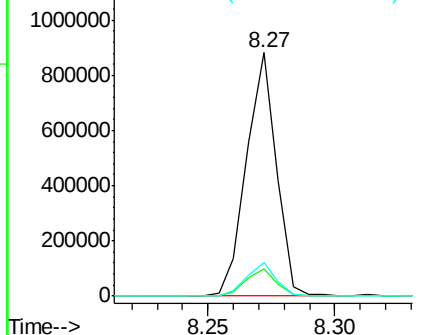


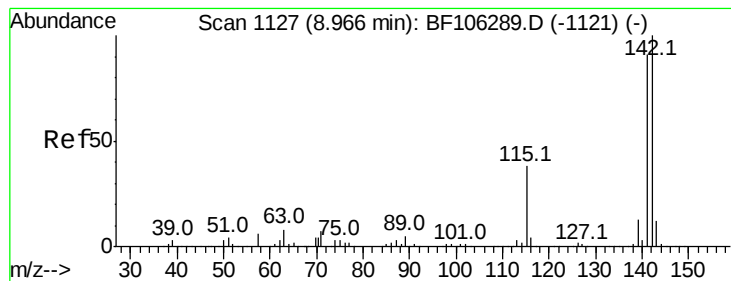
#31
Naphthalene
Concen: 43.652 ng
RT: 8.27 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF106523.D
Acq: 16 Jun 2018 6:03

Tgt Ion: 128 Resp: 725039
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 13.049 ng

RT: 8.96 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BF106523.D

Acq: 16 Jun 2018 6:03

Instrument :

BNA_F

ClientSampleId :

PR-MW-05-061118DL

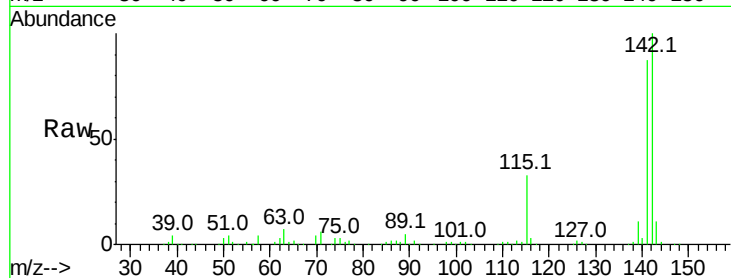
Tot Ion:142 Resp: 147624

Ion Ratio Lower Upper

142 100

141 87.0 70.8 106.2

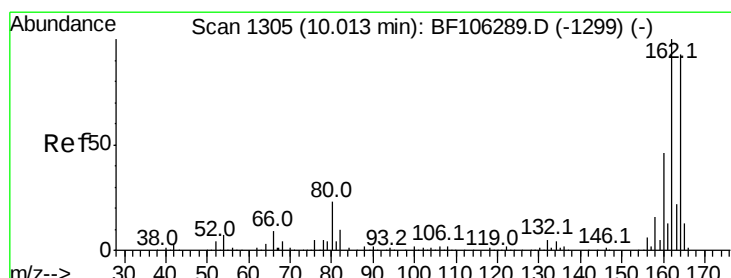
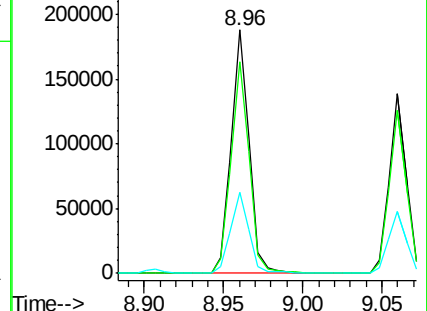
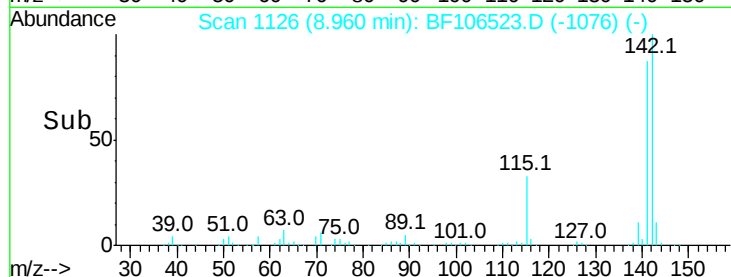
115 33.2 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF106523.D

Acq: 16 Jun 2018 6:03

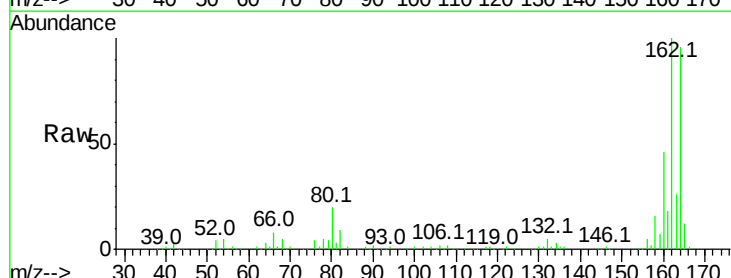
Tgt Ion:164 Resp: 149107

Ion Ratio Lower Upper

164 100

162 103.9 86.1 129.1

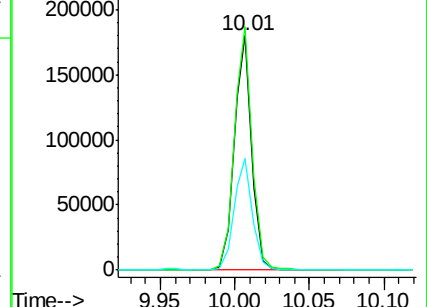
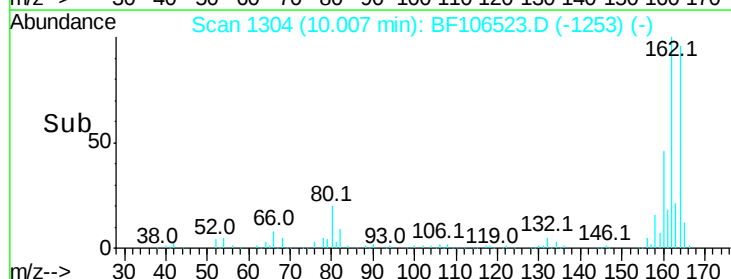
160 48.0 38.3 57.5

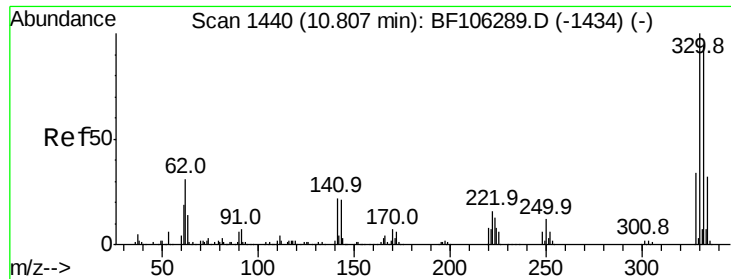


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

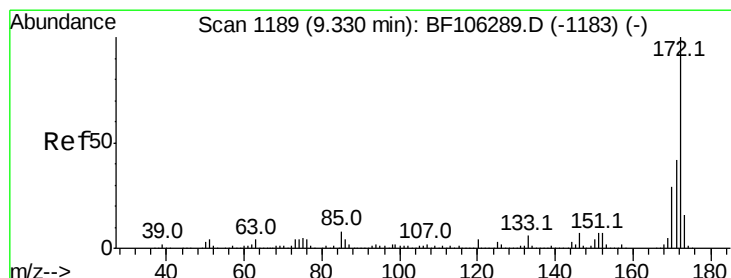
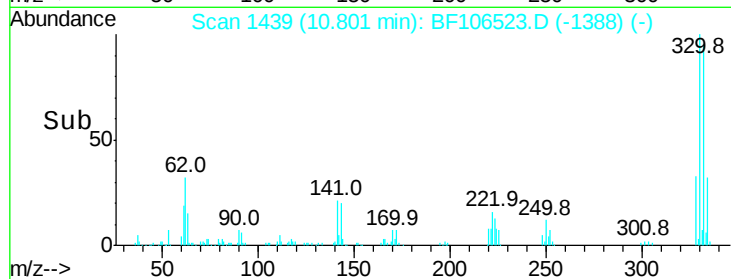
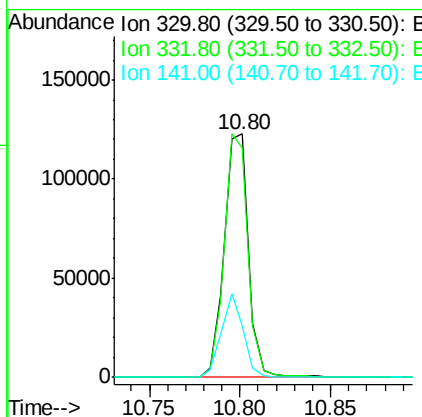
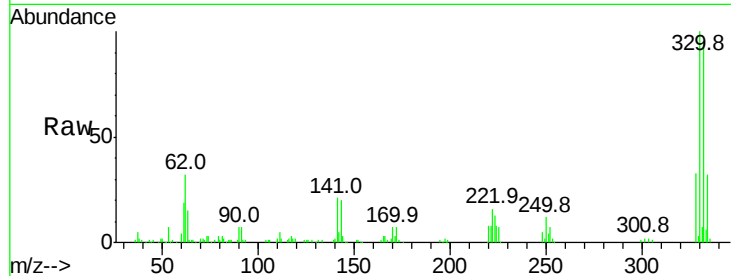




#41
 2,4,6-Tribromophenol
 Concen: 79.756 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106523.D
 Acq: 16 Jun 2018 6:03

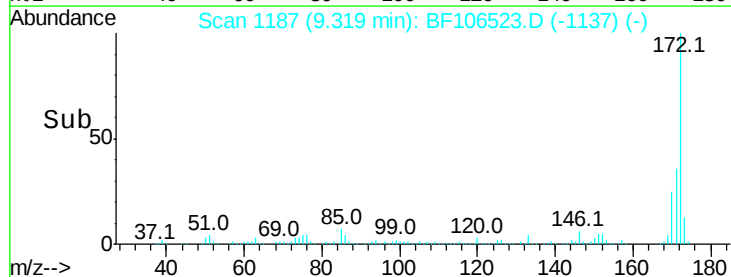
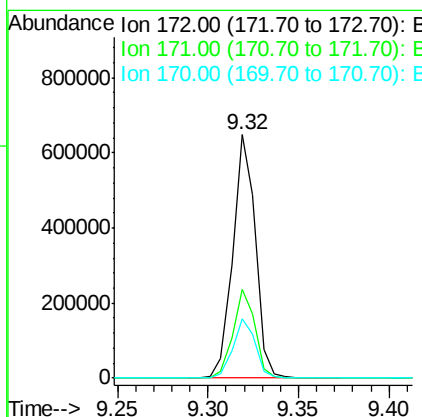
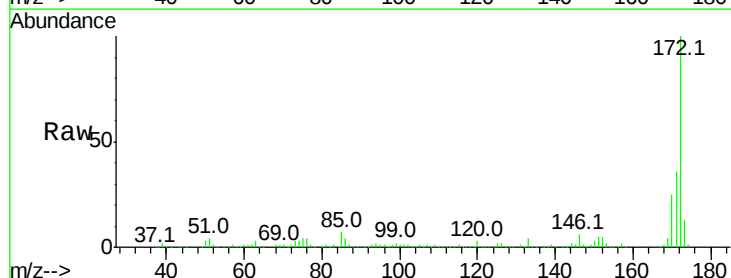
Instrument :
 BNA_F
 ClientSampleId :
 PR-MW-05-061118DL

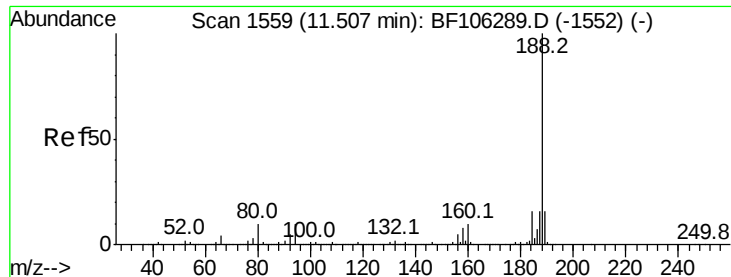
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	31.1	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 60.936 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106523.D
 Acq: 16 Jun 2018 6:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.5	19.6	29.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106523.D

Acq: 16 Jun 2018 6:03

Instrument :

BNA_F

ClientSampleId :

PR-MW-05-061118DL

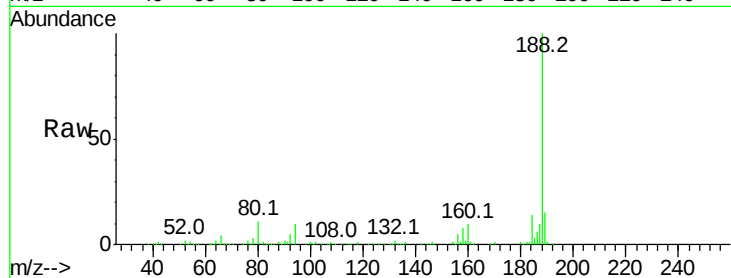
Tot Ion:188 Resp: 283541

Ion Ratio Lower Upper

188 100

94 10.1 8.5 12.7

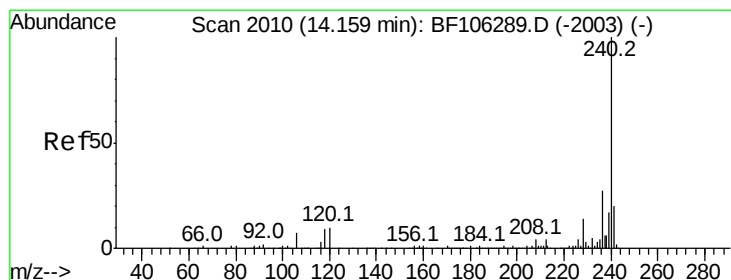
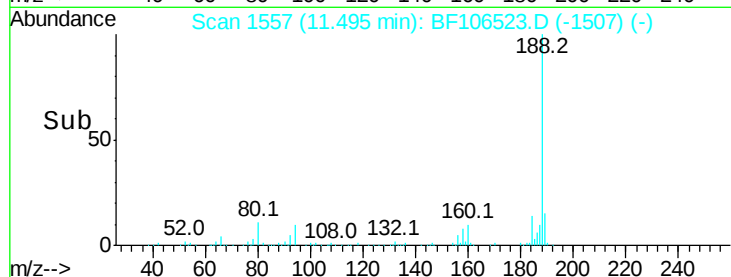
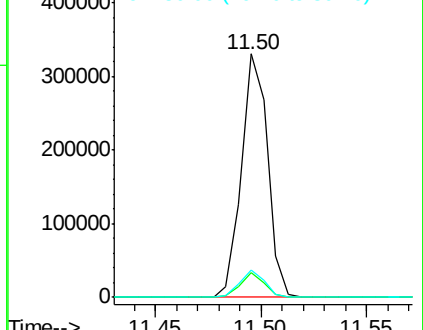
80 11.2 9.2 13.8



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: BF106523.D

Acq: 16 Jun 2018 6:03

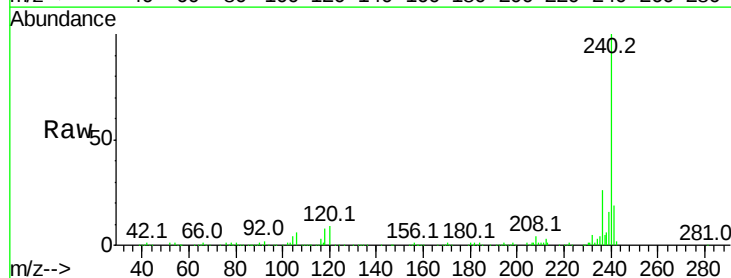
Tgt Ion:240 Resp: 277749

Ion Ratio Lower Upper

240 100

120 9.4 9.5 14.3#

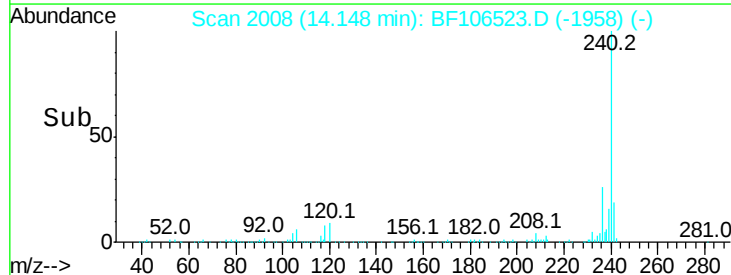
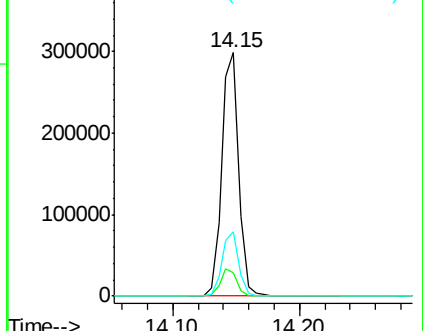
236 26.3 20.7 31.1

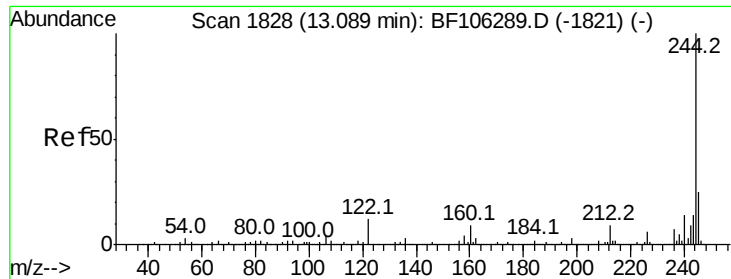


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 56.799 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106523.D

Acq: 16 Jun 2018 6:03

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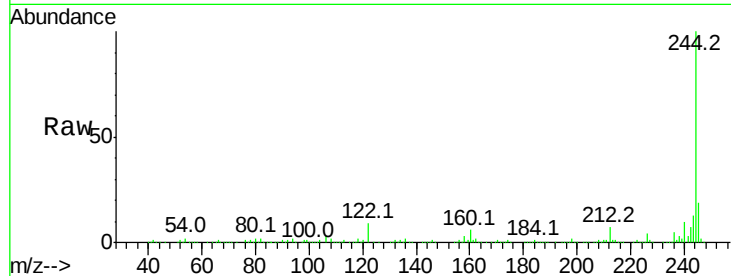
Tot Ion:244 Resp: 635155

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

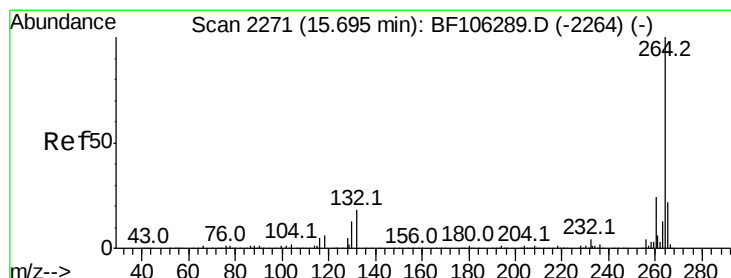
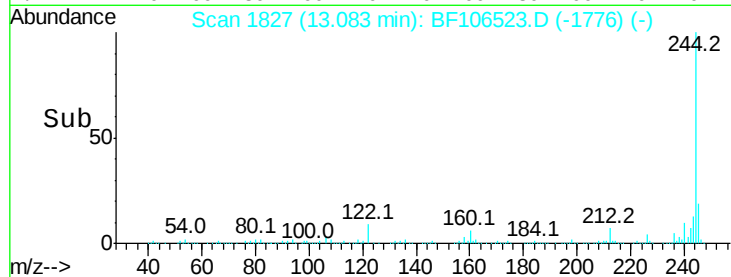
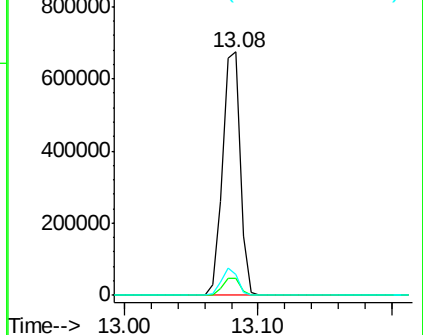
122 8.5 11.0 16.4#



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: 15.68 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BF106523.D

Acq: 16 Jun 2018 6:03

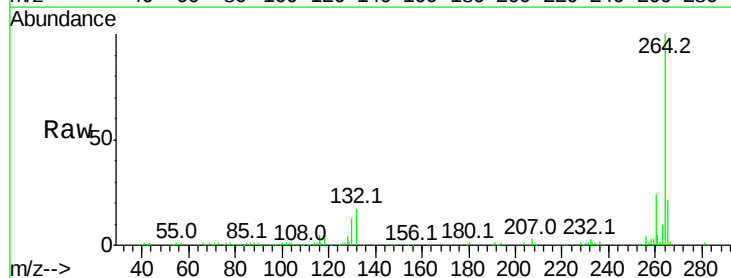
Tgt Ion:264 Resp: 190843

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.1 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

