

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071718\
 Data File : BG035708.D
 Acq On : 18 Jul 2018 8:25
 Operator : JU/SJ
 Sample : J3990-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 071218-TIPC-F-D-S

Quant Time: Jul 18 09:06:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

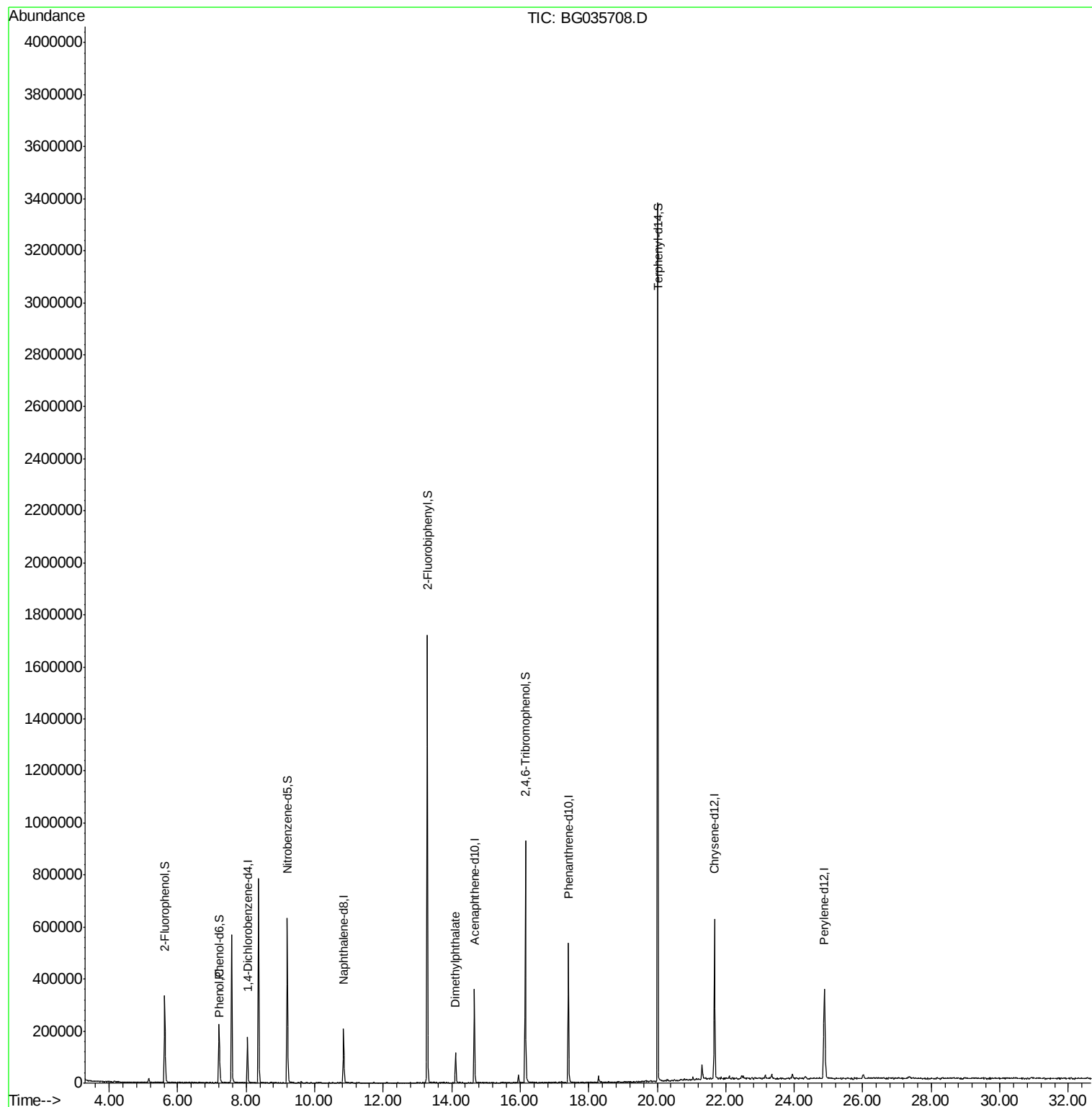
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	51558	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	185252	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	122790	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	346972	20.00	ng	-0.01
75) Chrysene-d12	21.67	240	393446	20.00	ng	-0.01
86) Perylene-d12	24.88	264	381360	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	150069	48.32	ng	0.00
7) Phenol-d6	7.21	99	143190	30.90	ng	0.00
23) Nitrobenzene-d5	9.20	82	424246	95.67	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	173212	107.02	ng	-0.01
44) 2-Fluorobiphenyl	13.28	172	946545	103.28	ng	-0.02
78) Terphenyl-d14	20.02	244	1599881	89.63	ng	0.00
Target Compounds						
10) Phenol	7.23	94	14264	3.047	ng	90
49) Dimethylphthalate	14.11	163	91119	8.470	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: 8.04 min Scan# 808

Delta R.T. -0.02 min

Lab File: BG035708.D

Acq: 18 Jul 2018 8:25

Instrument :

BNA_G

ClientSampleId :

071218-TIPC-F-D-S

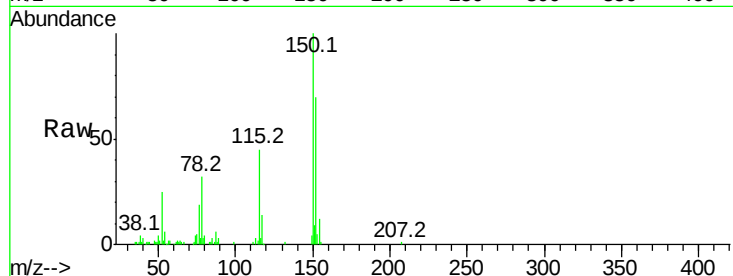
Tot Ion:152 Resp: 51558

Ion Ratio Lower Upper

152 100

150 142.8 126.6 189.8

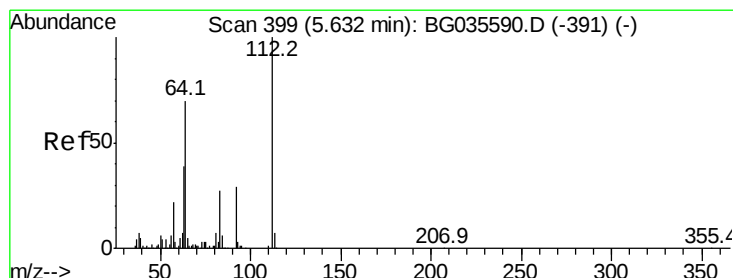
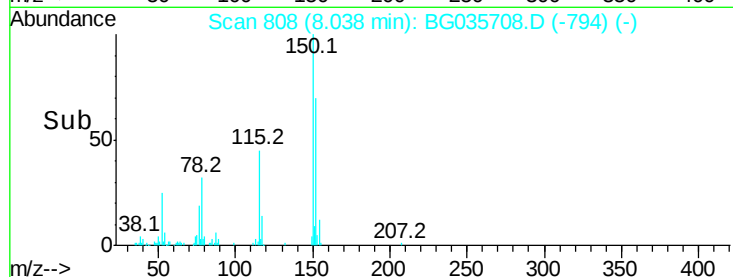
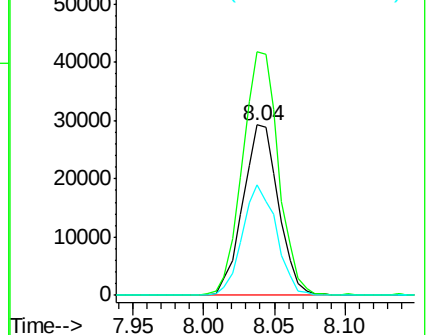
115 64.6 53.0 79.4



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: 48.324 ng

RT: 5.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BG035708.D

Acq: 18 Jul 2018 8:25

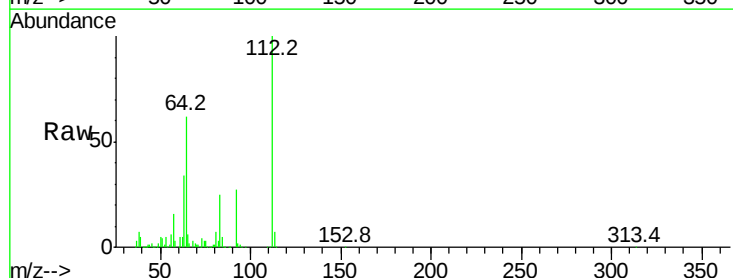
Tgt Ion:112 Resp: 150069

Ion Ratio Lower Upper

112 100

64 61.8 56.3 84.5

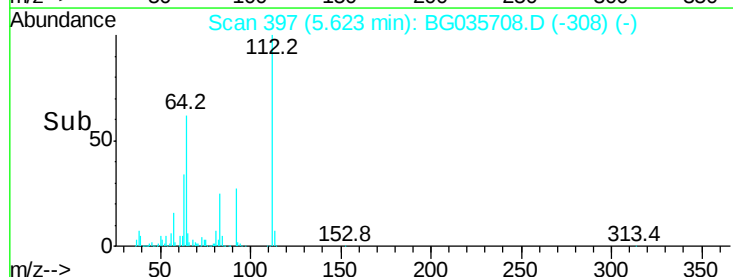
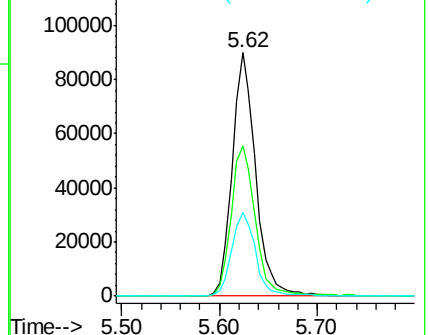
63 34.1 30.1 45.1

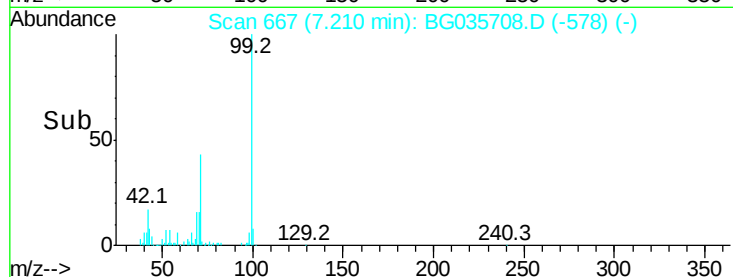
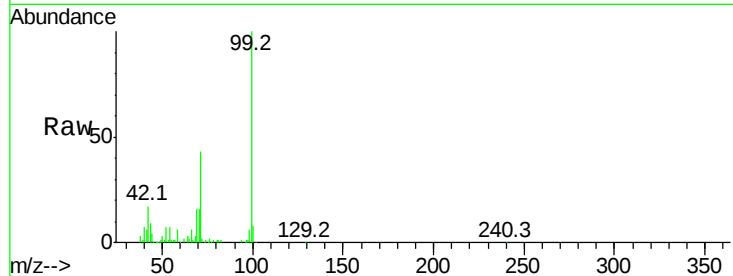
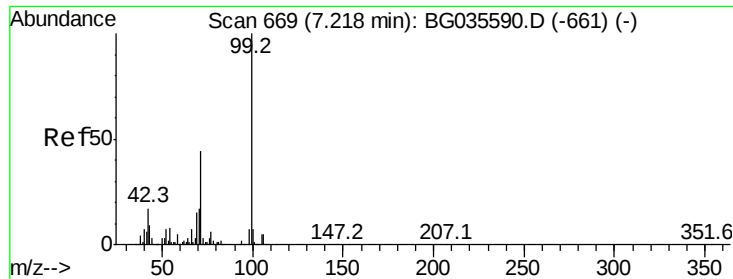


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 30.904 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG035708.D

Acq: 18 Jul 2018 8:25

Instrument :

BNA_G

ClientSampleId :

071218-TIPC-F-D-S

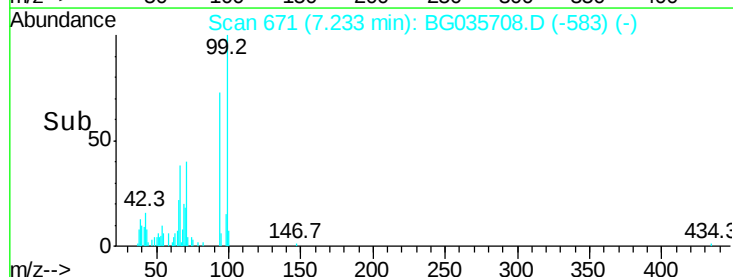
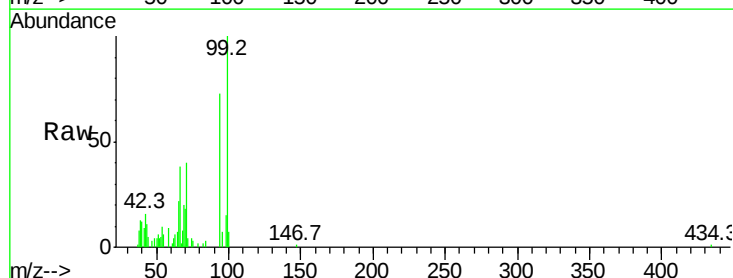
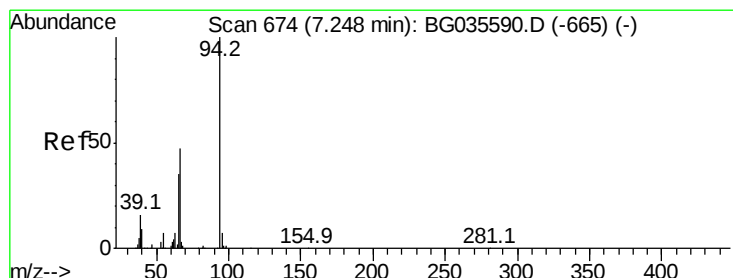
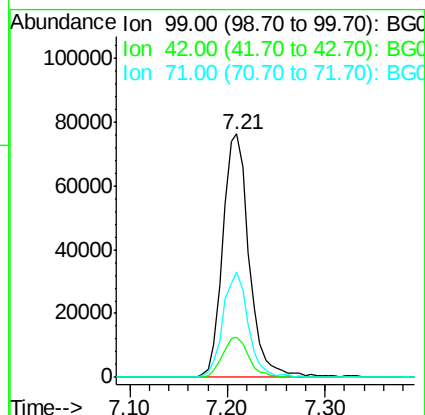
Tot Ion: 99 Resp: 143190

Ion Ratio Lower Upper

99 100

42 16.6 14.1 21.1

71 43.3 26.1 39.1#



#10

Phenol

Concen: 3.047 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG035708.D

Acq: 18 Jul 2018 8:25

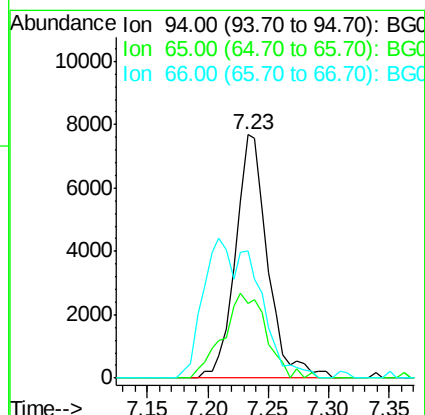
Tgt Ion: 94 Resp: 14264

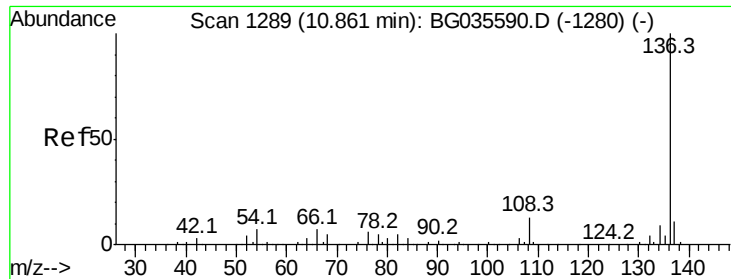
Ion Ratio Lower Upper

94 100

65 30.5 11.9 51.9

66 52.0 22.2 62.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BG035708.D

Acq: 18 Jul 2018 8:25

Instrument :

BNA_G

ClientSampleId :

071218-TIPC-F-D-S

Tot Ion:136 Resp: 185252

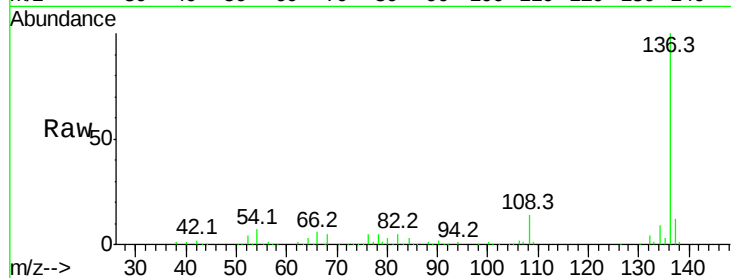
Ion Ratio Lower Upper

136 100

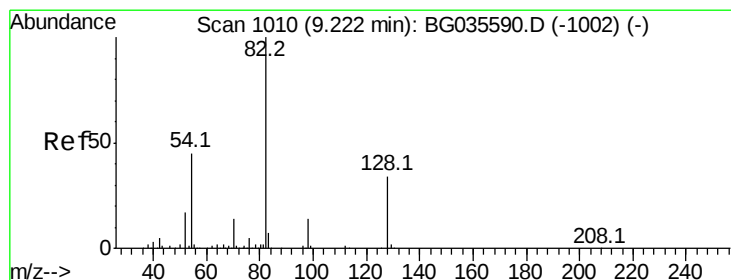
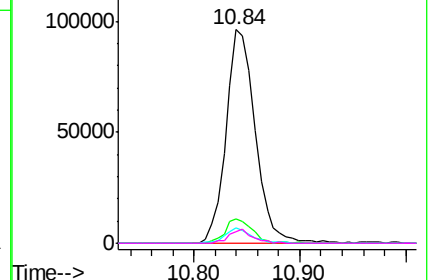
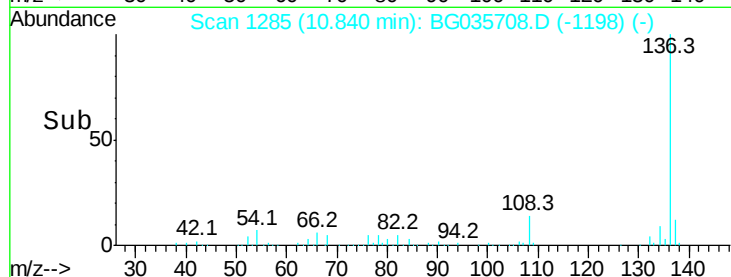
137 11.6 9.2 13.8

54 7.1 10.3 15.5#

68 5.3 4.5 6.7



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



#23

Nitrobenzene-d5

Concen: 95.668 ng

RT: 9.20 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BG035708.D

Acq: 18 Jul 2018 8:25

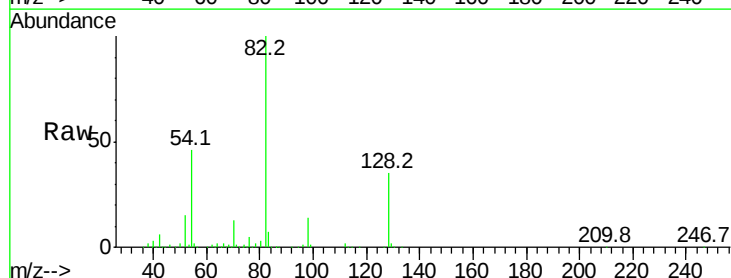
Tgt Ion: 82 Resp: 424246

Ion Ratio Lower Upper

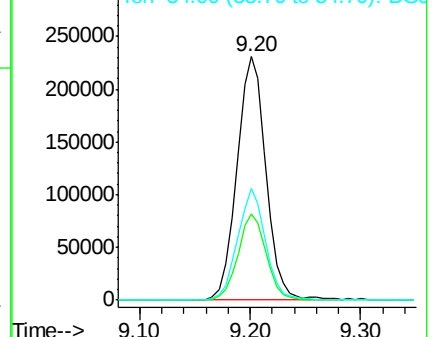
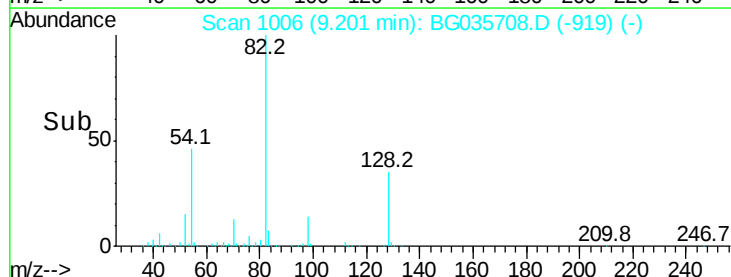
82 100

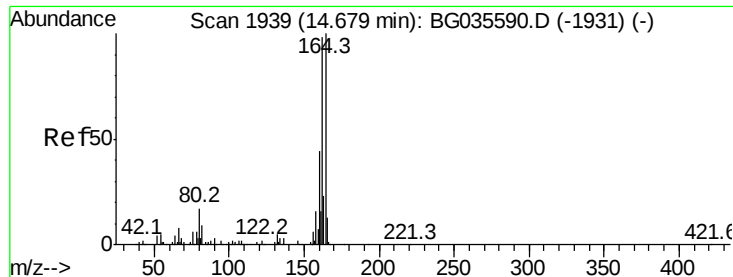
128 35.4 29.7 44.5

54 45.7 43.1 64.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BG035708.D

Acq: 18 Jul 2018 8:25

Instrument :

BNA_G

ClientSampleId :

071218-TIPC-F-D-S

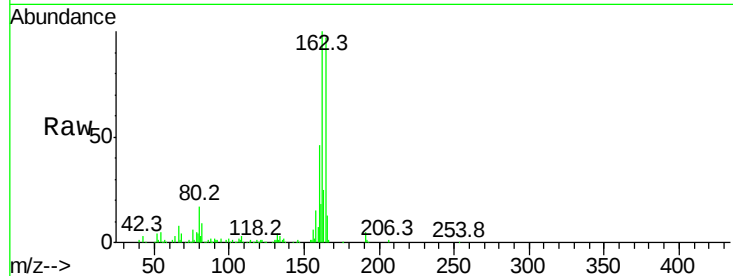
Tot Ion:164 Resp: 122790

Ion Ratio Lower Upper

164 100

162 103.5 78.8 118.2

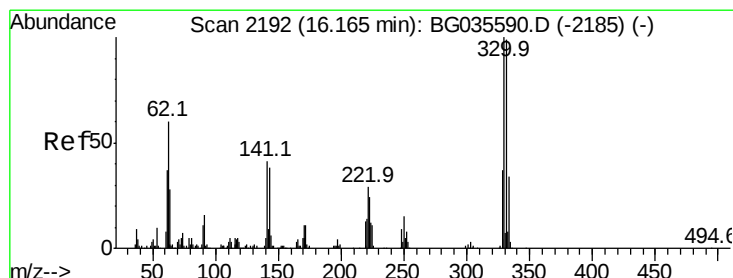
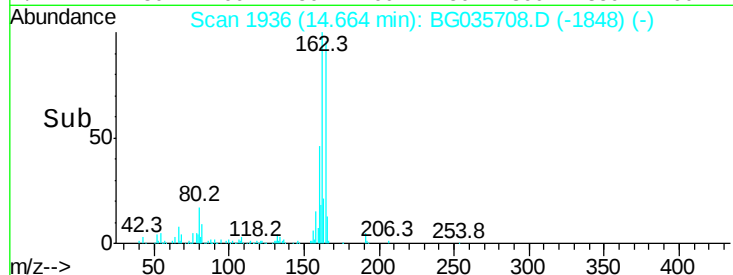
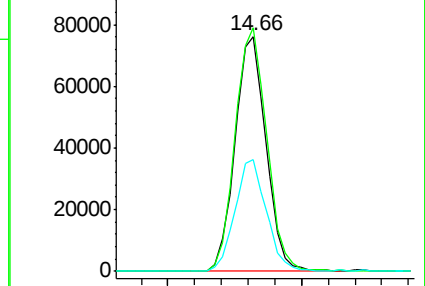
160 47.7 35.4 53.0



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: 107.023 ng

RT: 16.15 min Scan# 2189

Delta R.T. -0.01 min

Lab File: BG035708.D

Acq: 18 Jul 2018 8:25

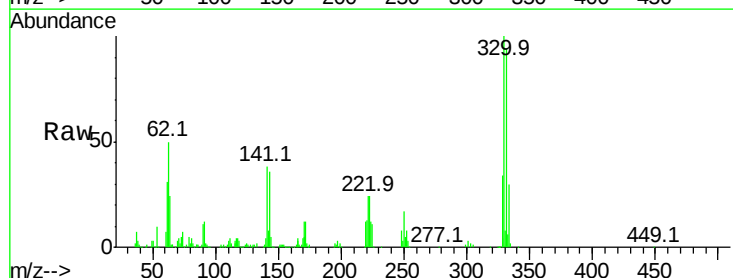
Tgt Ion:330 Resp: 173212

Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.6

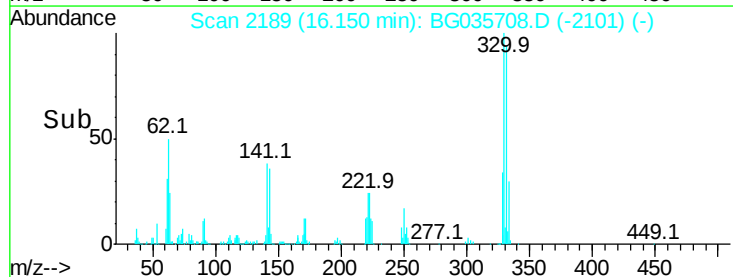
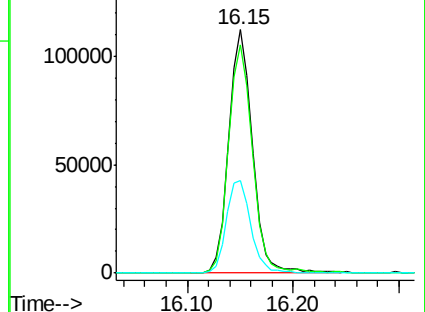
141 39.6 25.2 37.8#

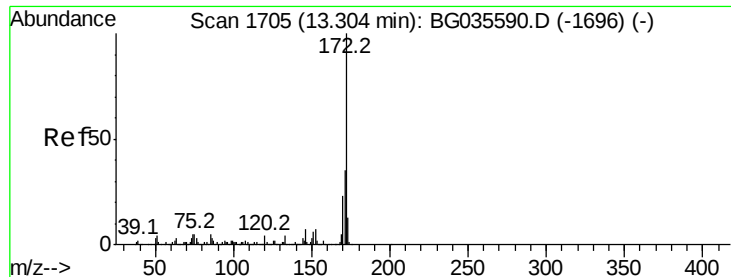


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

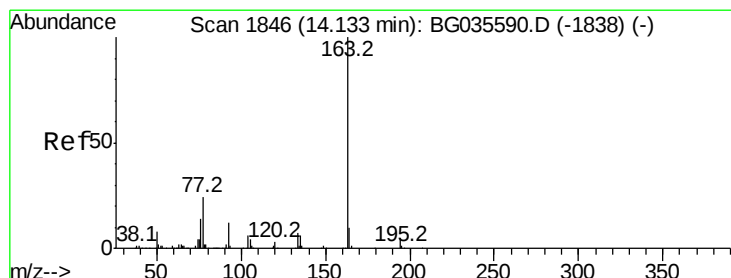
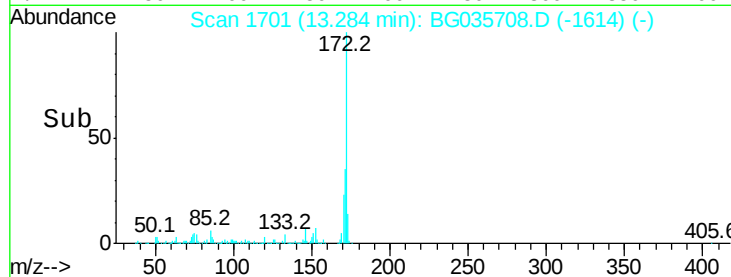
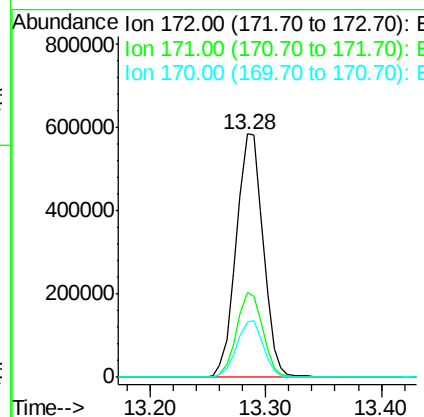
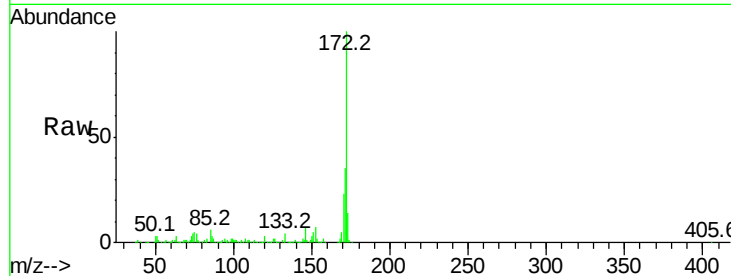




#44
2-Fluorobiphenyl
Concen: 103.276 ng
RT: 13.28 min Scan# 1701
Delta R.T. -0.02 min
Lab File: BG035708.D
Acq: 18 Jul 2018 8:25

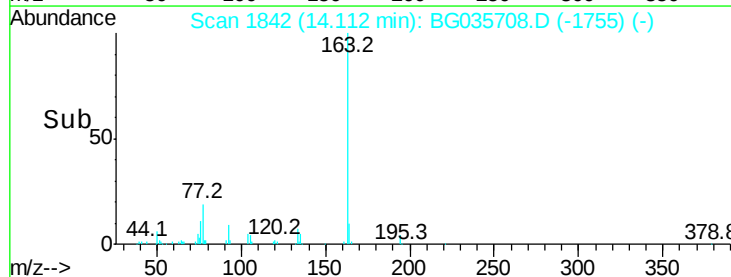
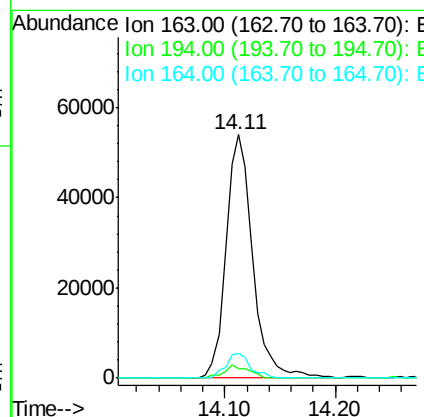
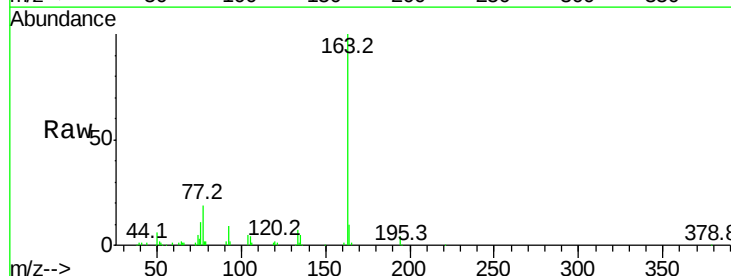
Instrument :
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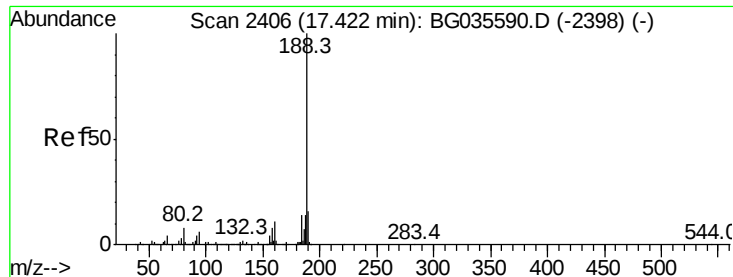
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	30.0	45.0
170	22.8	19.5	29.3



#49
Dimethylphthalate
Concen: 8.470 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.02 min
Lab File: BG035708.D
Acq: 18 Jul 2018 8:25

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.4	5.2
164	10.2	8.2	12.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BG035708.D

Acq: 18 Jul 2018 8:25

Instrument :

BNA_G

ClientSampleId :

071218-TIPC-F-D-S

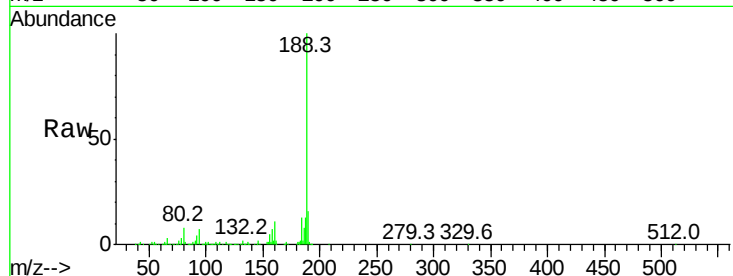
Tot Ion:188 Resp: 346972

Ion Ratio Lower Upper

188 100

94 6.9 6.9 10.3

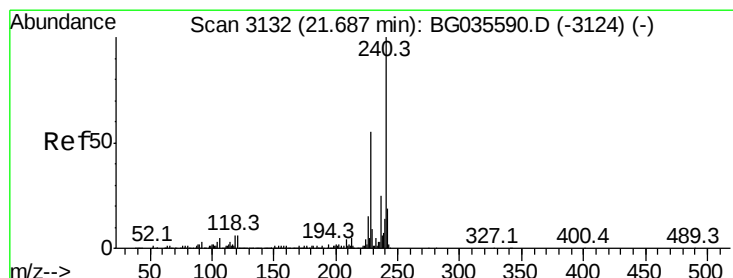
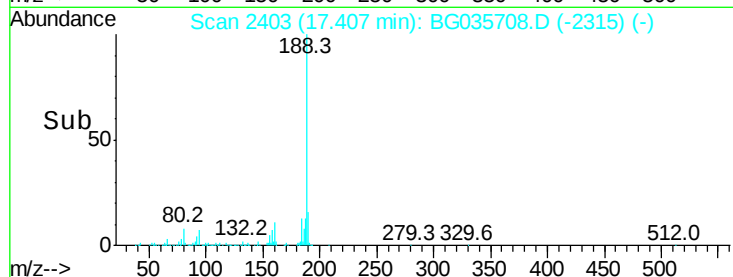
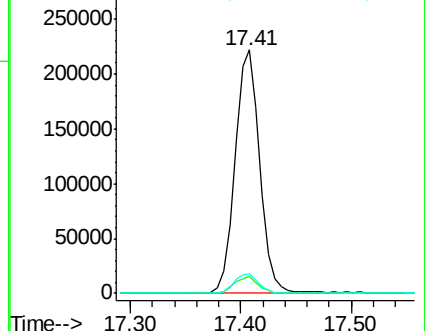
80 8.0 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3129

Delta R.T. -0.01 min

Lab File: BG035708.D

Acq: 18 Jul 2018 8:25

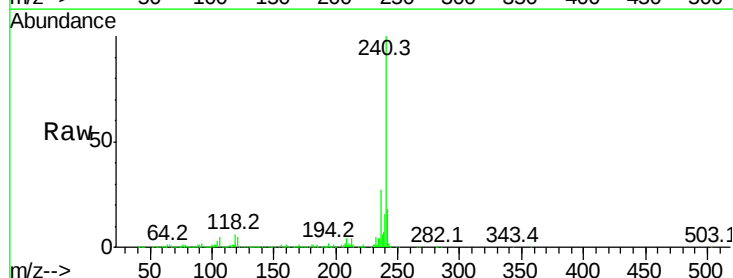
Tgt Ion:240 Resp: 393446

Ion Ratio Lower Upper

240 100

120 5.1 6.8 10.2#

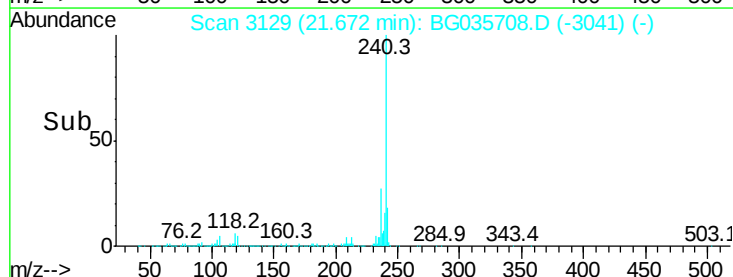
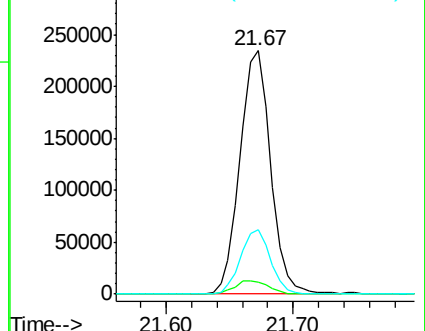
236 26.6 20.9 31.3

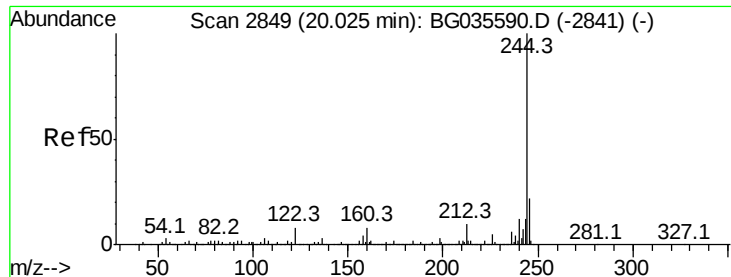


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 89.634 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG035708.D

Acq: 18 Jul 2018 8:25

Instrument :

BNA_G

ClientSampleId :

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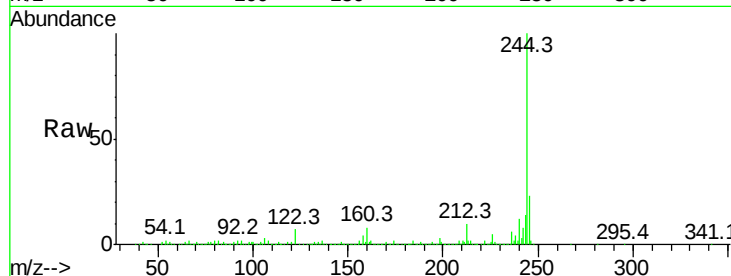
Tot Ion:244 Resp: 1599881

Ion Ratio Lower Upper

244 100

212 9.6 5.8 8.8#

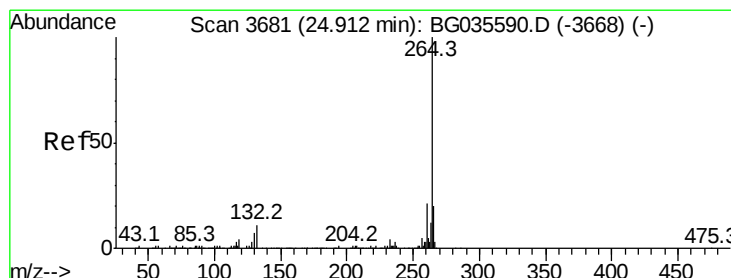
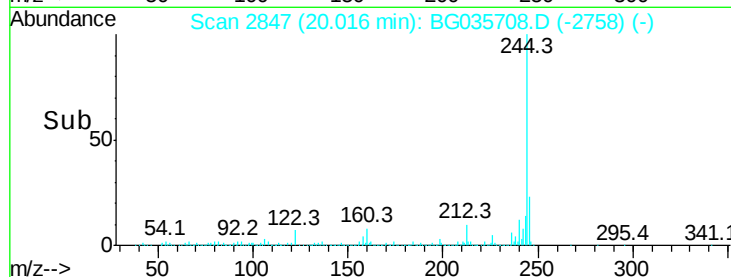
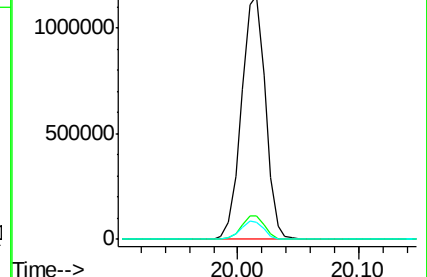
122 7.2 7.0 10.4



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: 24.88 min Scan# 3675

Delta R.T. -0.03 min

Lab File: BG035708.D

Acq: 18 Jul 2018 8:25

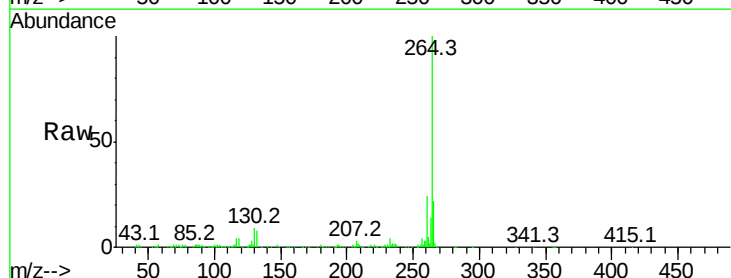
Tgt Ion:264 Resp: 381360

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 21.8 17.7 26.5



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

