

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062218\
 Data File : BG035362.D
 Acq On : 23 Jun 2018 10:58
 Operator : JU/SJ
 Sample : J3623-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 061918-DBRI-F-U-S

Quant Time: Jun 25 07:05:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

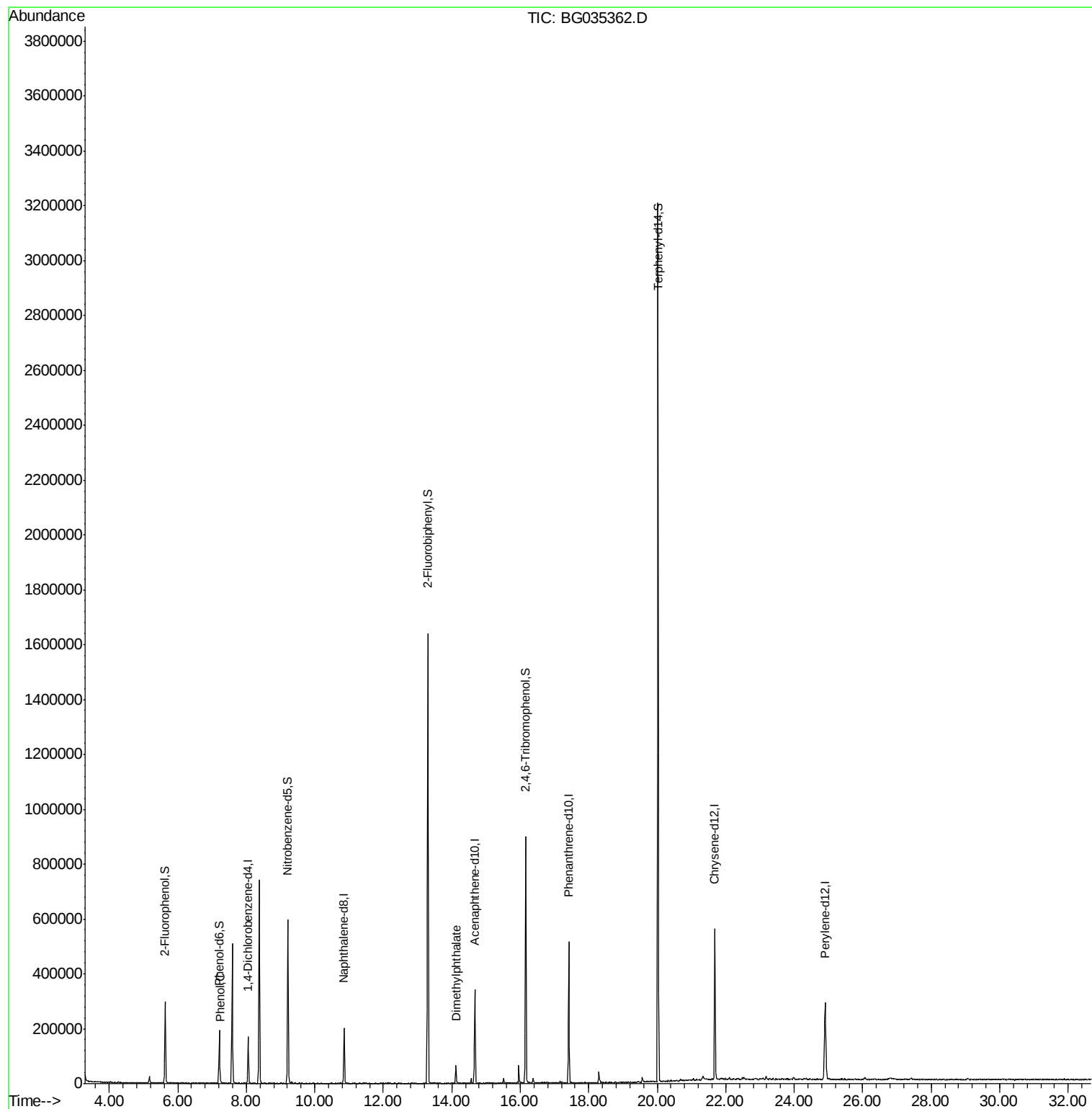
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	49468	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	172635	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	121797	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	325205	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	350917	20.00	ng	-0.04
86) Perylene-d12	24.90	264	327514	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	132322	45.14	ng	-0.01
7) Phenol-d6	7.21	99	119733	27.68	ng	-0.01
23) Nitrobenzene-d5	9.22	82	401155	110.46	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	170059	109.07	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	907633	96.88	ng	-0.02
78) Terphenyl-d14	20.02	244	1489569	88.91	ng	-0.02
Target Compounds						
10) Phenol	7.24	94	9197	2.054	ng	89
49) Dimethylphthalate	14.12	163	44775	4.216	ng	# 97

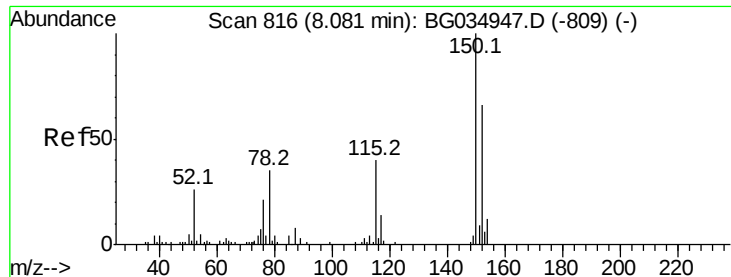
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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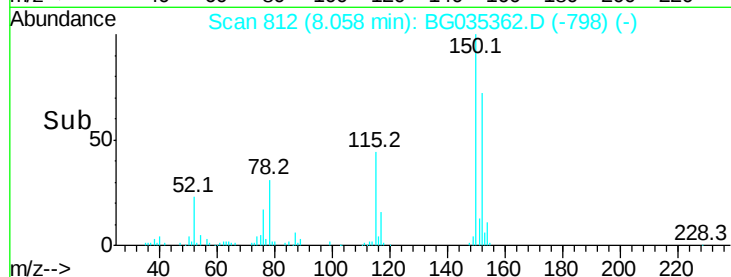
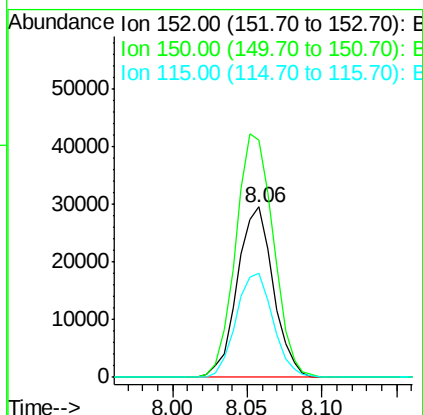
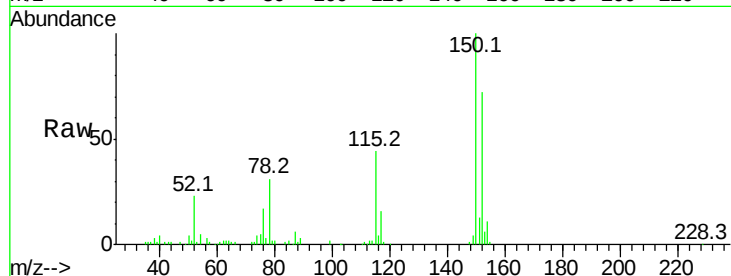


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035362.D
Acq: 23 Jun 2018 10:58

Instrument :
BNA_G
ClientSampleId :
061918-DBRI-F-U-S

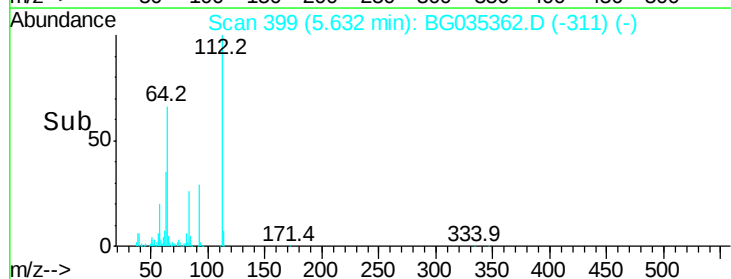
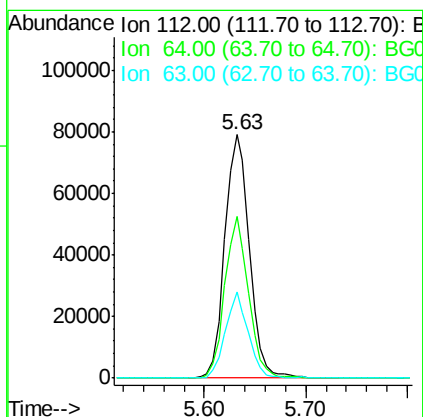
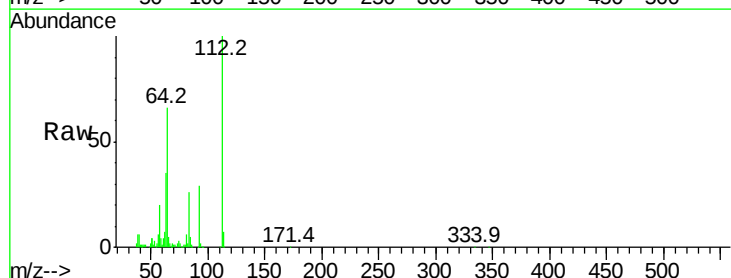
Tot Ion:152 Resp: 49468
Ion Ratio Lower Upper
152 100
150 138.9 126.6 189.8
115 60.9 53.0 79.4

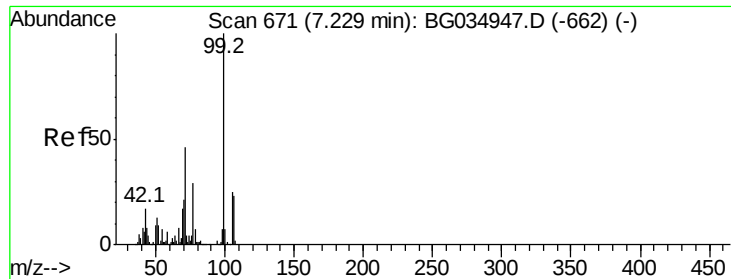


#5

2-Fluorophenol
Concen: 45.142 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035362.D
Acq: 23 Jun 2018 10:58

Tgt Ion:112 Resp: 132322
Ion Ratio Lower Upper
112 100
64 66.2 56.3 84.5
63 35.5 30.1 45.1





#7

Phenol-d6

Concen: 27.675 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035362.D

Acq: 23 Jun 2018 10:58

Instrument :

BNA_G

ClientSampleId :

061918-DBRI-F-U-S

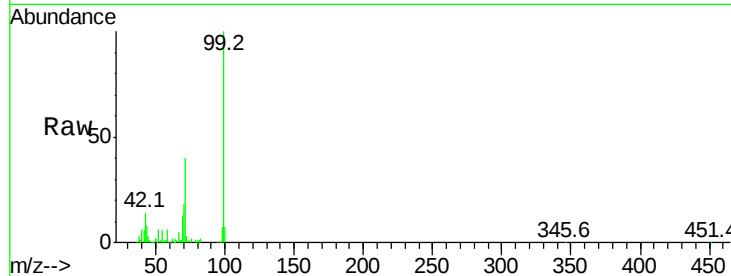
Tot Ion: 99 Resp: 119733

Ion Ratio Lower Upper

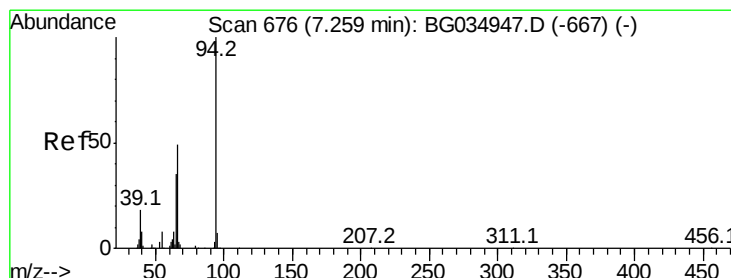
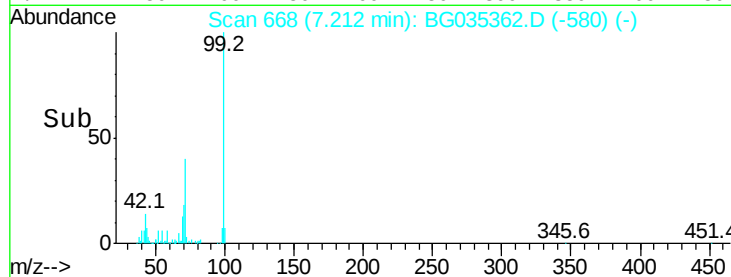
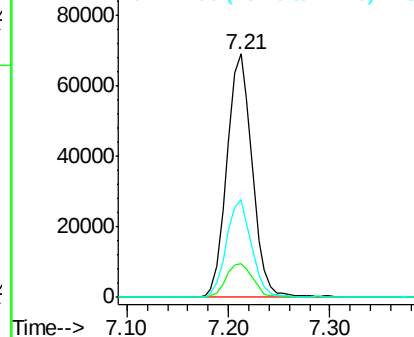
99 100

42 14.0 14.1 21.1#

71 40.1 26.1 39.1#



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



#10

Phenol

Concen: 2.054 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG035362.D

Acq: 23 Jun 2018 10:58

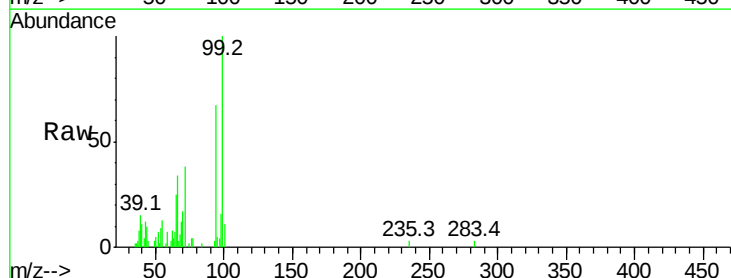
Tgt Ion: 94 Resp: 9197

Ion Ratio Lower Upper

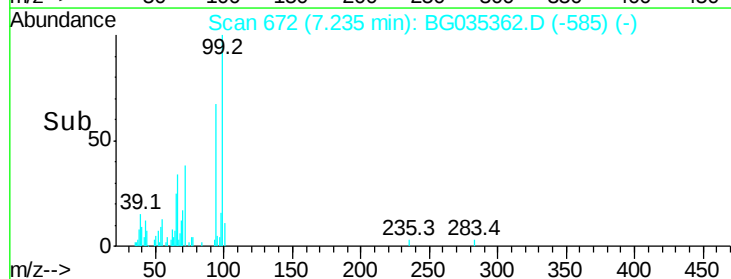
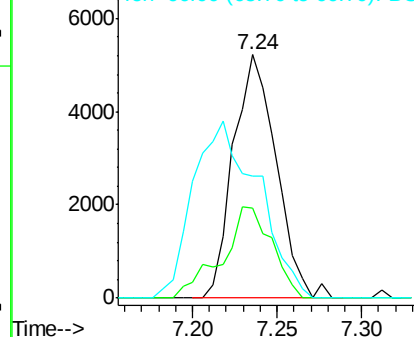
94 100

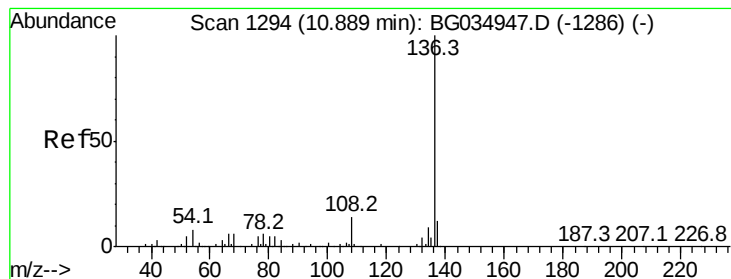
65 37.2 11.9 51.9

66 50.4 22.2 62.2



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035362.D

Acq: 23 Jun 2018 10:58

Instrument :

BNA_G

ClientSampleId :

061918-DBRI-F-U-S

Tot Ion:136 Resp: 172635

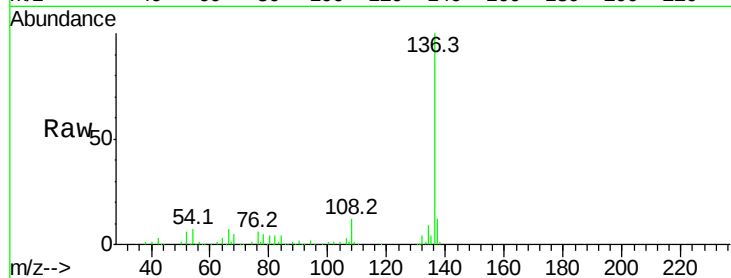
Ion Ratio Lower Upper

136 100

137 11.8 9.2 13.8

54 7.0 10.3 15.5#

68 4.6 4.5 6.7

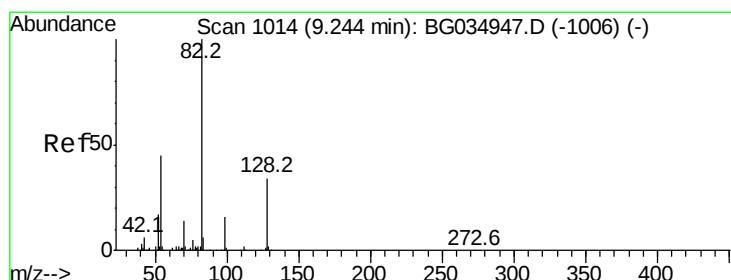
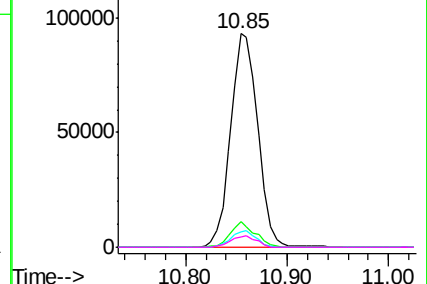
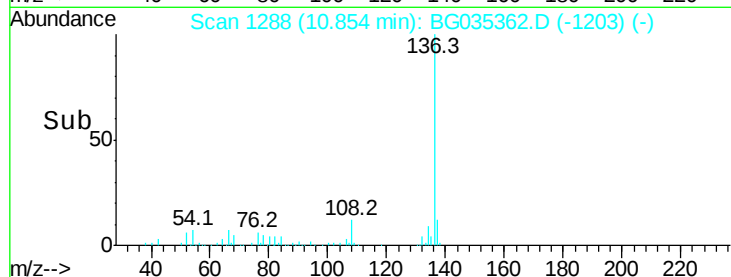


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 110.456 ng

RT: 9.22 min Scan# 1009

Delta R.T. -0.02 min

Lab File: BG035362.D

Acq: 23 Jun 2018 10:58

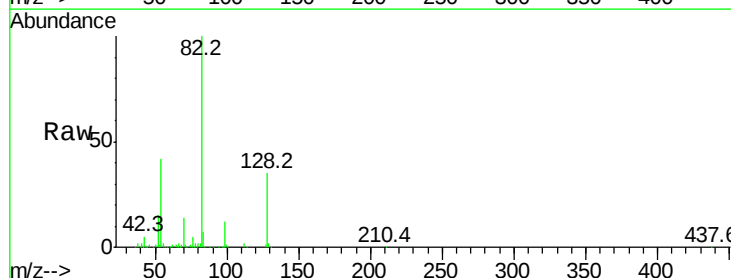
Tgt Ion: 82 Resp: 401155

Ion Ratio Lower Upper

82 100

128 34.9 29.7 44.5

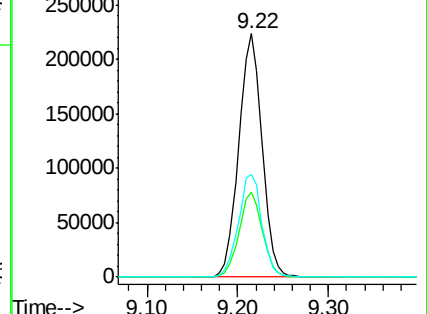
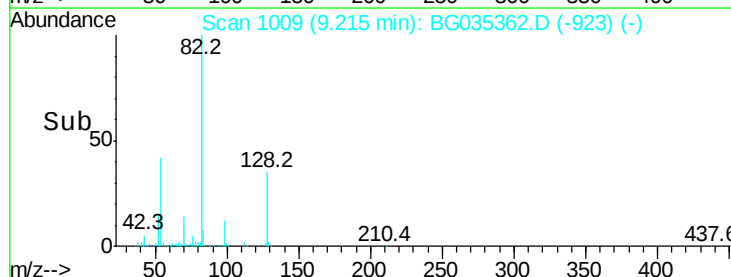
54 42.0 43.1 64.7#

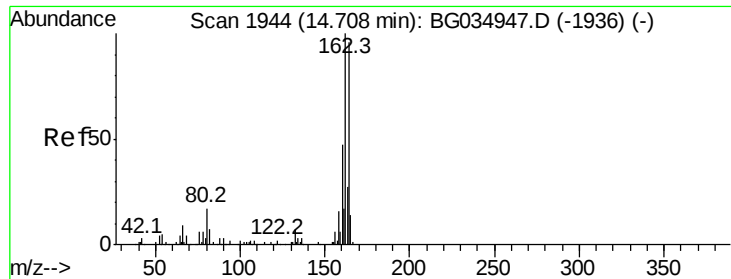


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG035362.D

Acq: 23 Jun 2018 10:58

Instrument :

BNA_G

ClientSampleId :

061918-DBRI-F-U-S

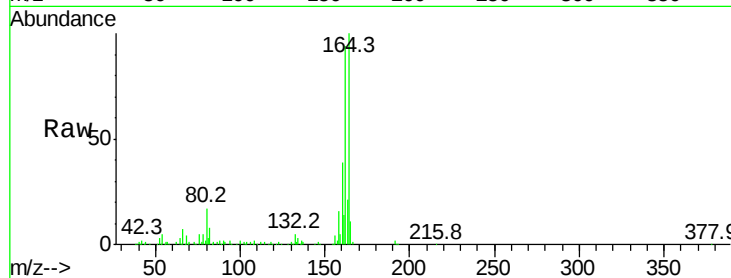
Tot Ion:164 Resp: 121797

Ion Ratio Lower Upper

164 100

162 93.8 78.8 118.2

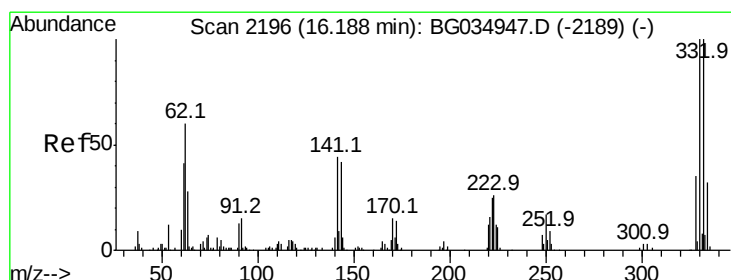
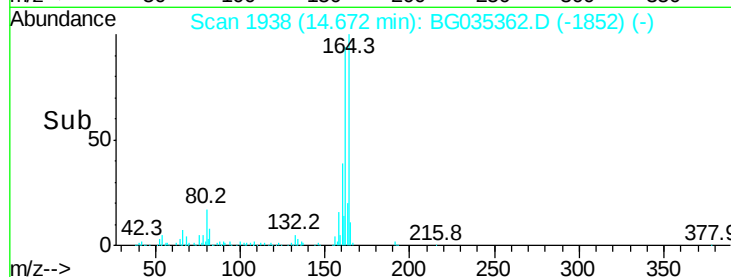
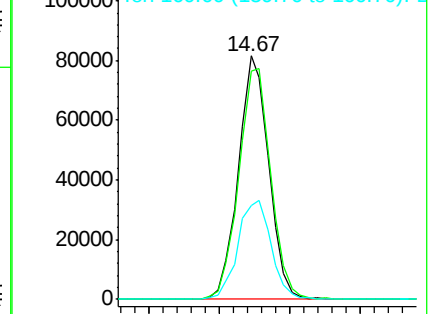
160 38.7 35.4 53.0



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: 109.071 ng

RT: 16.16 min Scan# 2192

Delta R.T. -0.02 min

Lab File: BG035362.D

Acq: 23 Jun 2018 10:58

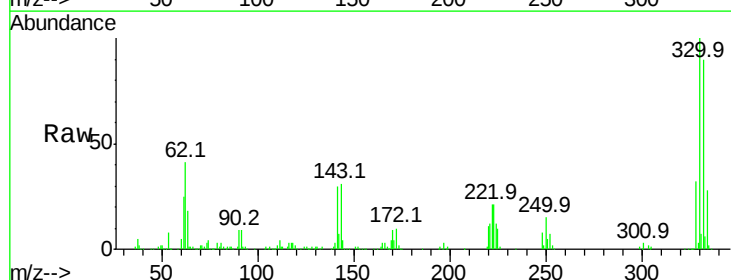
Tgt Ion:330 Resp: 170059

Ion Ratio Lower Upper

330 100

332 94.8 77.0 115.6

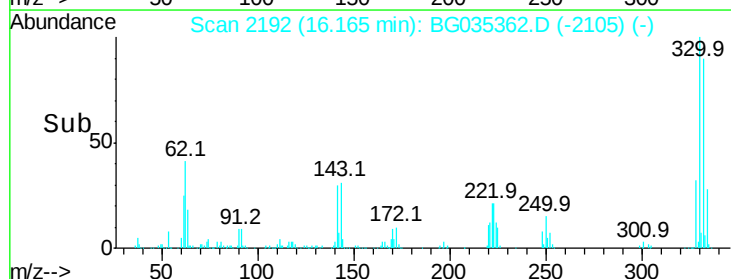
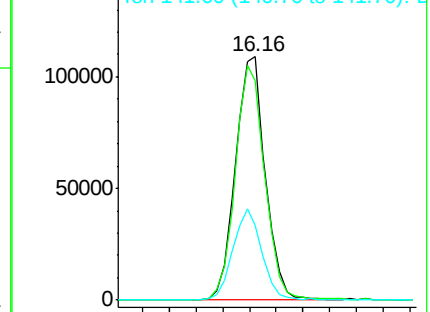
141 36.3 25.2 37.8

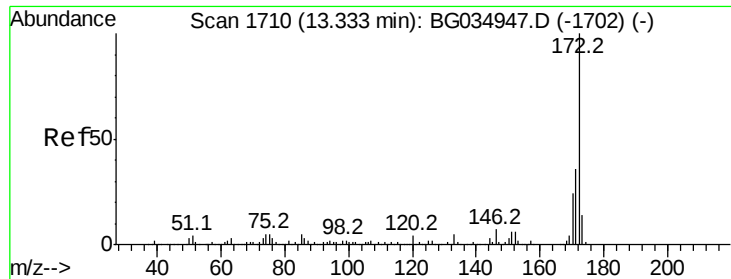


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

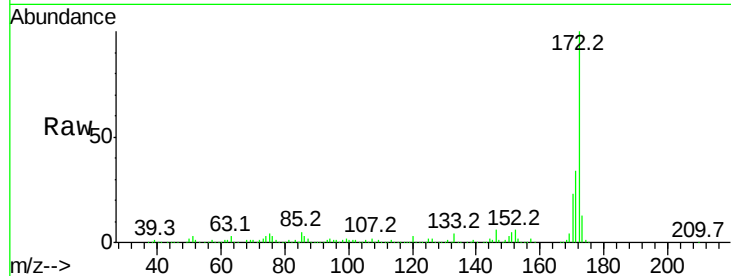




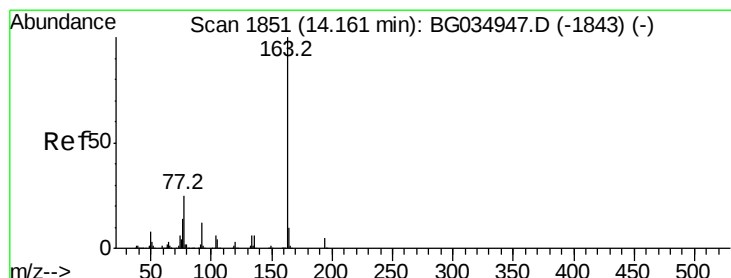
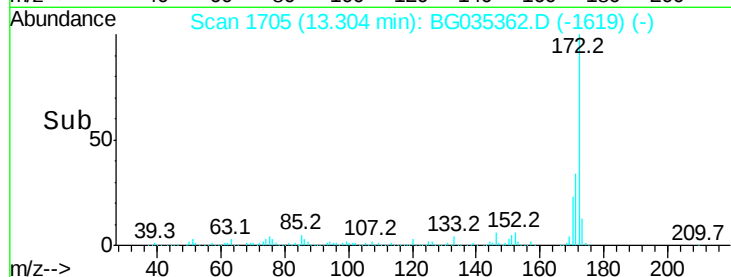
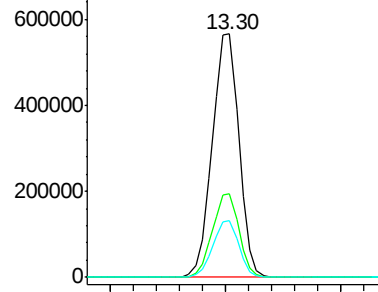
#44
2-Fluorobiphenyl
Concen: 96.876 ng
RT: 13.30 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BG035362.D
Acq: 23 Jun 2018 10:58

Instrument :
BNA_G
ClientSampleId :
061918-DBRI-F-U-S

Tot Ion:172 Resp: 907633
Ion Ratio Lower Upper
172 100
171 34.2 30.0 45.0
170 23.3 19.5 29.3

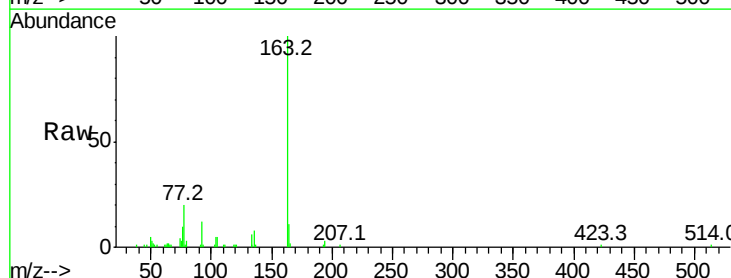


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

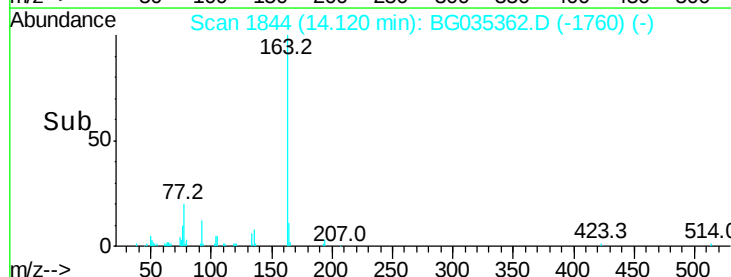
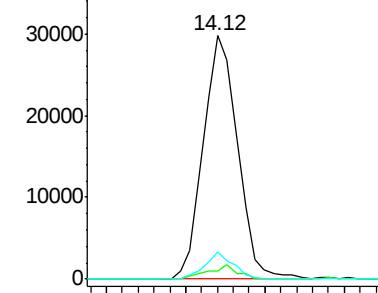


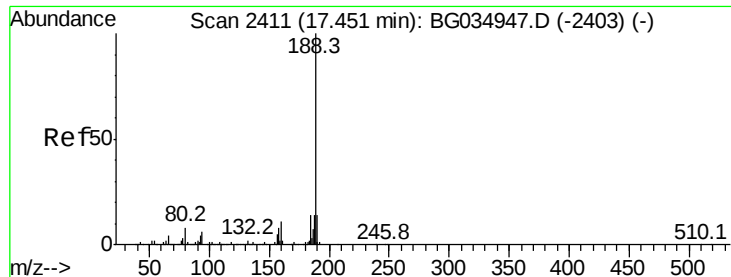
#49
Dimethylphthalate
Concen: 4.216 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.04 min
Lab File: BG035362.D
Acq: 23 Jun 2018 10:58

Tgt Ion:163 Resp: 44775
Ion Ratio Lower Upper
163 100
194 3.4 3.4 5.2#
164 11.4 8.2 12.4



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: 17.42 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BG035362.D

Acq: 23 Jun 2018 10:58

Instrument :

BNA_G

ClientSampleId :

061918-DBRI-F-U-S

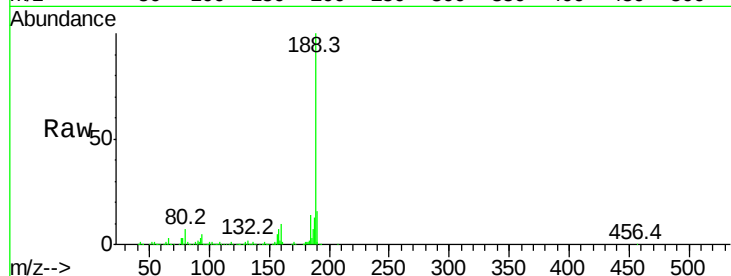
Tot Ion:188 Resp: 325205

Ion Ratio Lower Upper

188 100

94 5.0 6.9 10.3#

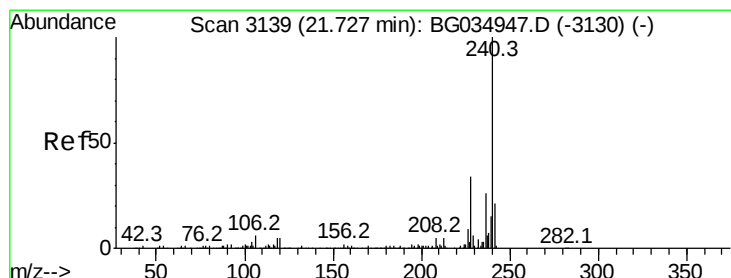
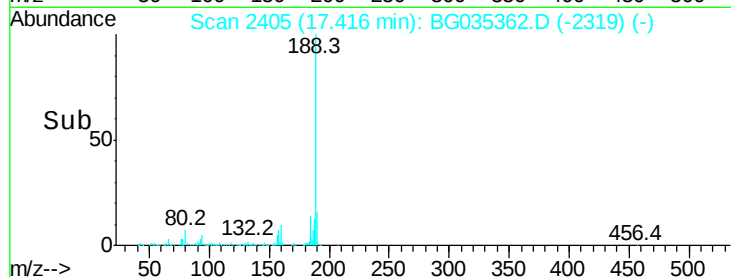
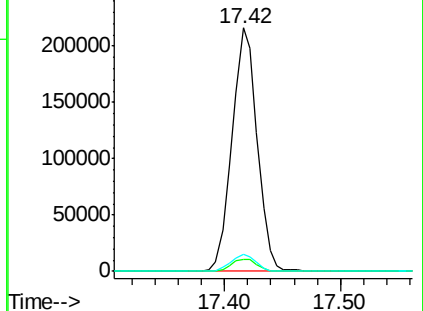
80 6.8 7.7 11.5#



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: 21.68 min Scan# 3131

Delta R.T. -0.04 min

Lab File: BG035362.D

Acq: 23 Jun 2018 10:58

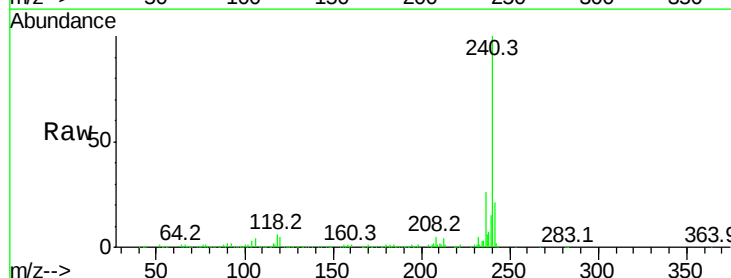
Tgt Ion:240 Resp: 350917

Ion Ratio Lower Upper

240 100

120 5.2 6.8 10.2#

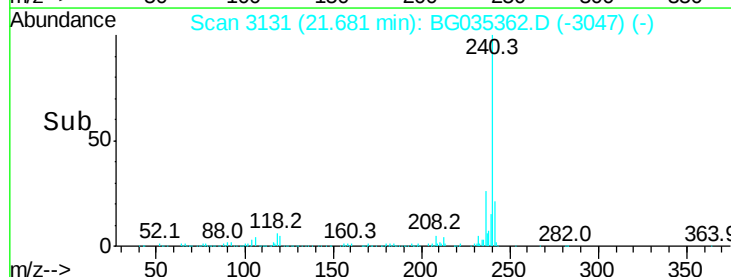
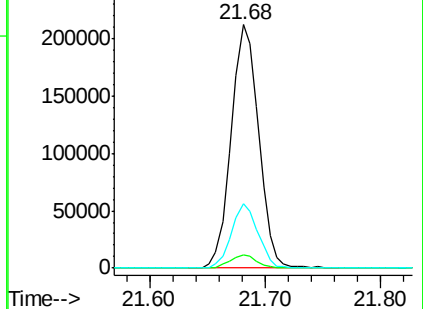
236 26.3 20.9 31.3

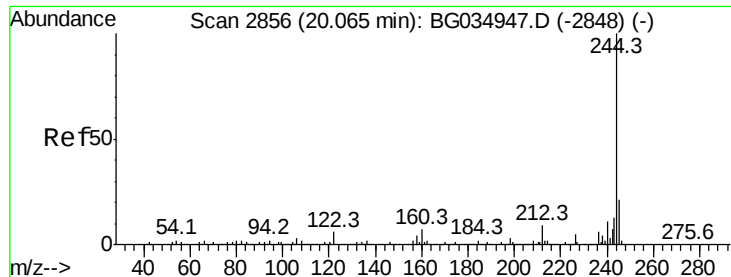


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.915 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035362.D

Acq: 23 Jun 2018 10:58

Instrument :

BNA_G

ClientSampleId :

061918-DBRI-F-U-S

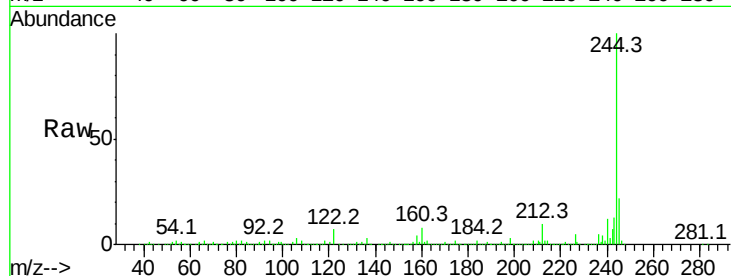
Tot Ion:244 Resp: 1489569

Ion Ratio Lower Upper

244 100

212 9.8 5.8 8.8#

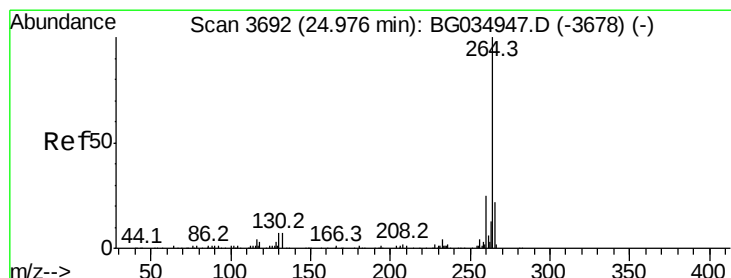
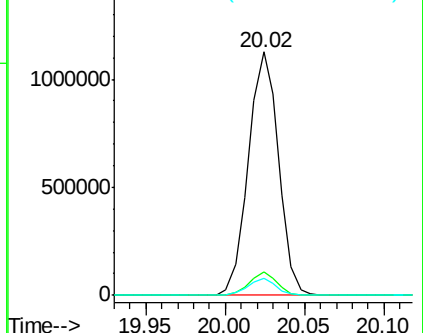
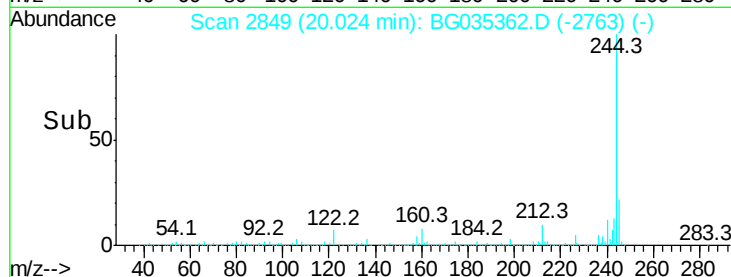
122 7.0 7.0 10.4



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: 24.90 min Scan# 3679

Delta R.T. -0.05 min

Lab File: BG035362.D

Acq: 23 Jun 2018 10:58

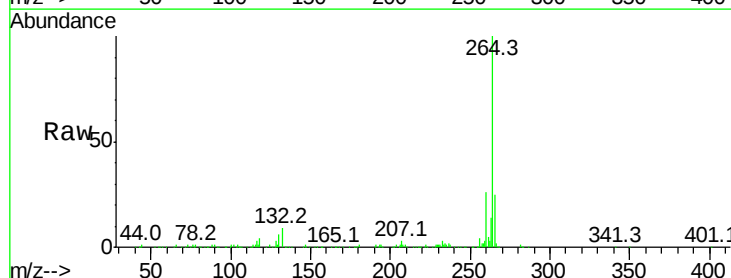
Tgt Ion:264 Resp: 327514

Ion Ratio Lower Upper

264 100

260 25.7 17.4 26.0

265 24.6 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

