

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062218\
 Data File : BG035360.D
 Acq On : 23 Jun 2018 9:41
 Operator : JU/SJ
 Sample : J3587-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 061818-TPIC-F-U-S

Quant Time: Jun 25 06:58:52 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

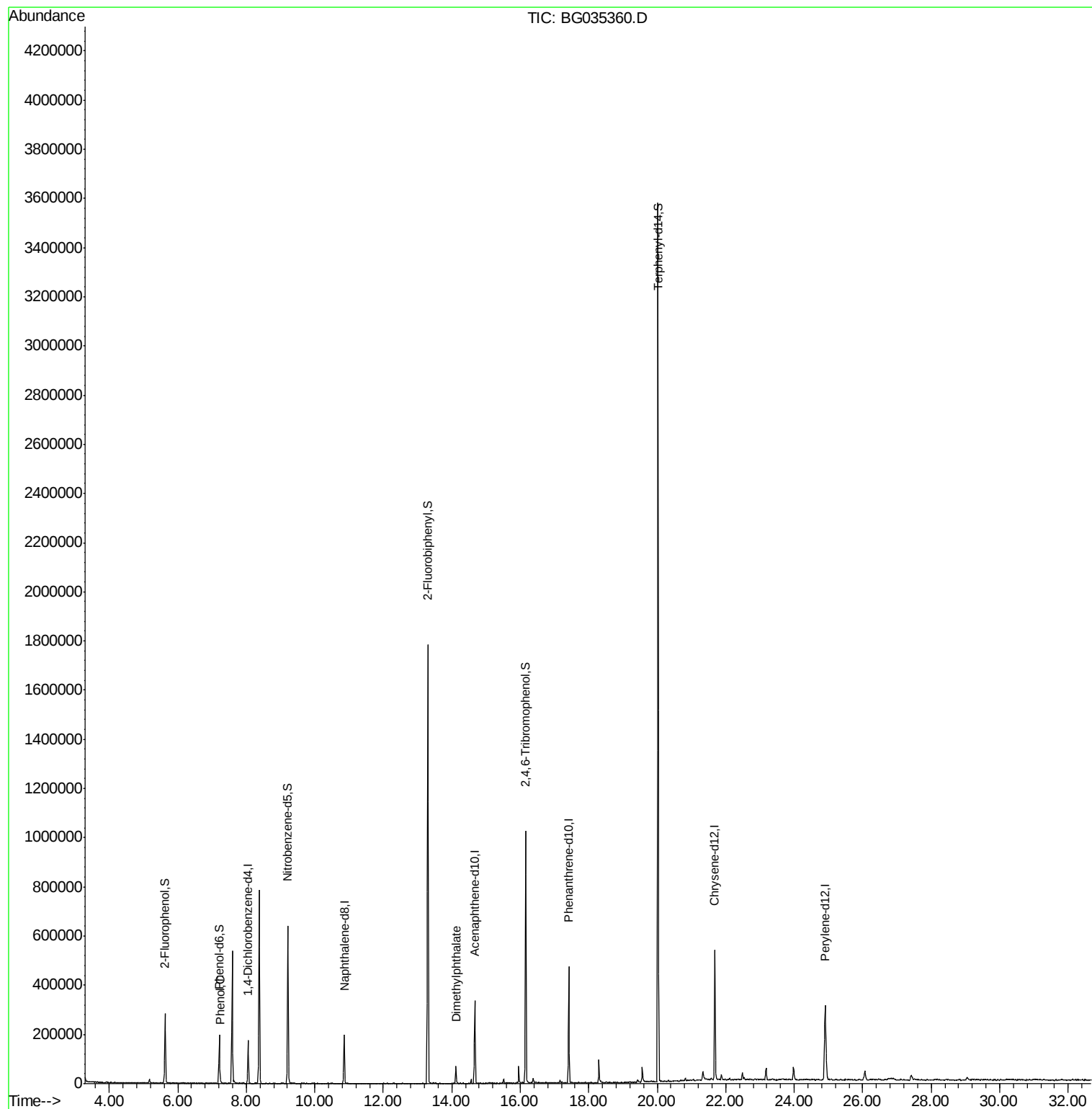
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	49665	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	167323	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	111456	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	299310	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	346231	20.00	ng	-0.04
86) Perylene-d12	24.91	264	331935	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	129177	43.89	ng	-0.01
7) Phenol-d6	7.21	99	124456	28.65	ng	-0.01
23) Nitrobenzene-d5	9.22	82	421885	119.85	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	185991	130.36	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	983831	114.75	ng	-0.02
78) Terphenyl-d14	20.02	244	1658514	100.34	ng	-0.02
Target Compounds						
10) Phenol	7.24	94	9327	2.075	ng	87
49) Dimethylphthalate	14.12	163	46228	4.756	ng	99

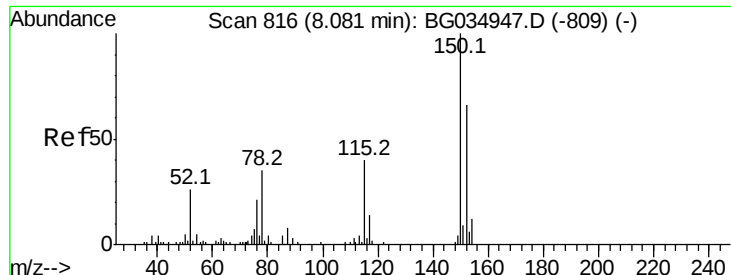
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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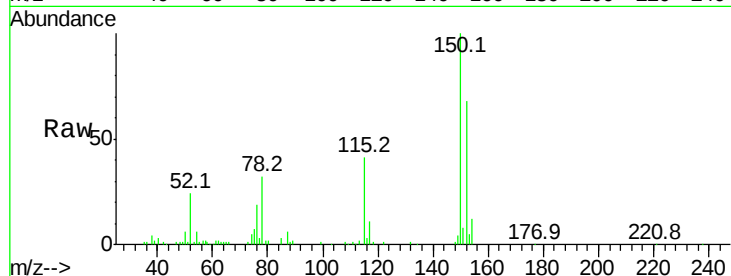


#1

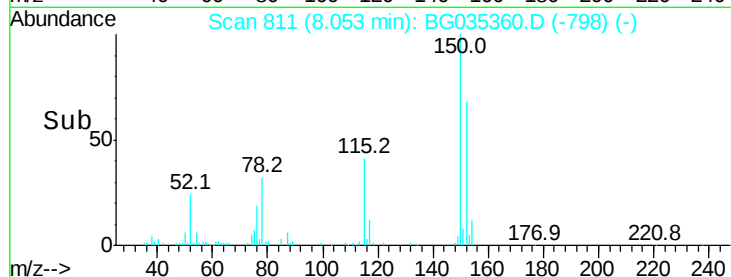
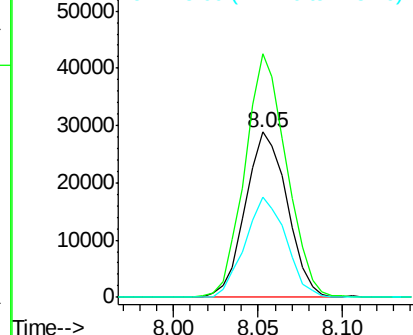
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035360.D
Acq: 23 Jun 2018 9:41

Instrument :
BNA_G
ClientSampleId :
061818-TPIC-F-U-S

Tot Ion:152 Resp: 49665
Ion Ratio Lower Upper
152 100
150 147.2 126.6 189.8
115 60.7 53.0 79.4



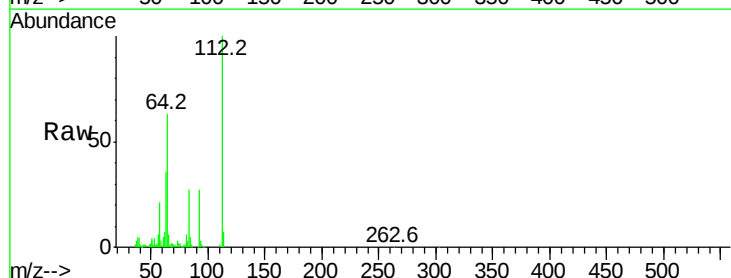
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



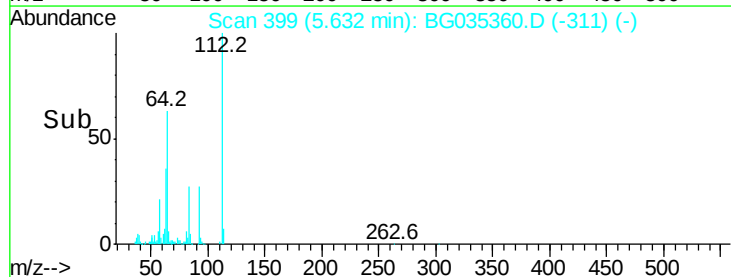
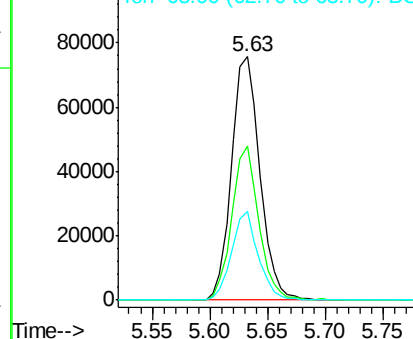
#5

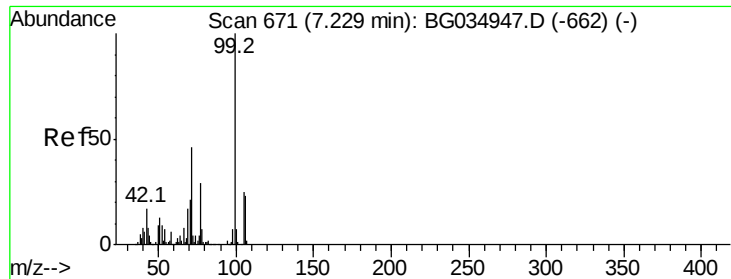
2-Fluorophenol
Concen: 43.894 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035360.D
Acq: 23 Jun 2018 9:41

Tgt Ion:112 Resp: 129177
Ion Ratio Lower Upper
112 100
64 63.4 56.3 84.5
63 36.4 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: 28.653 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035360.D

Acq: 23 Jun 2018 9:41

Instrument :

BNA_G

ClientSampleId :

061818-TPIC-F-U-S

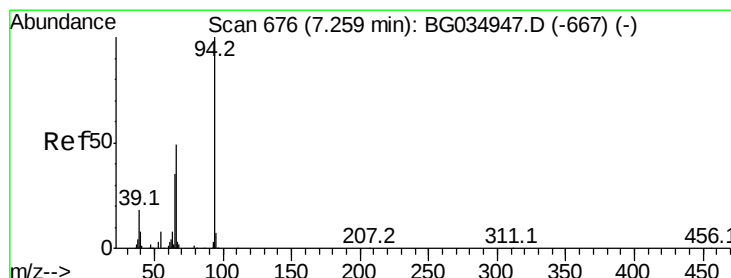
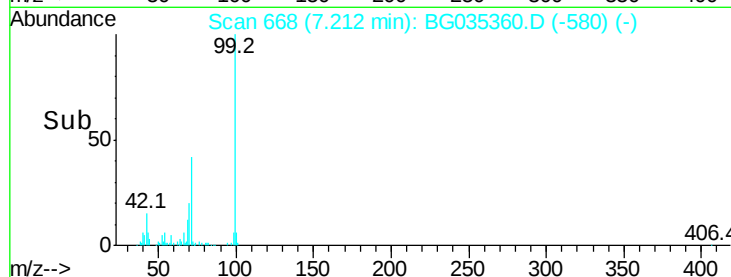
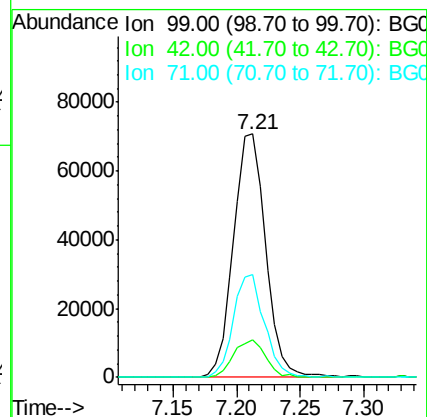
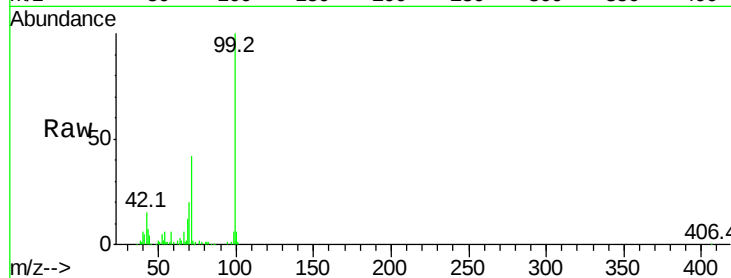
Tot Ion: 99 Resp: 124456

Ion Ratio Lower Upper

99 100

42 15.2 14.1 21.1

71 42.2 26.1 39.1#



#10

Phenol

Concen: 2.075 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG035360.D

Acq: 23 Jun 2018 9:41

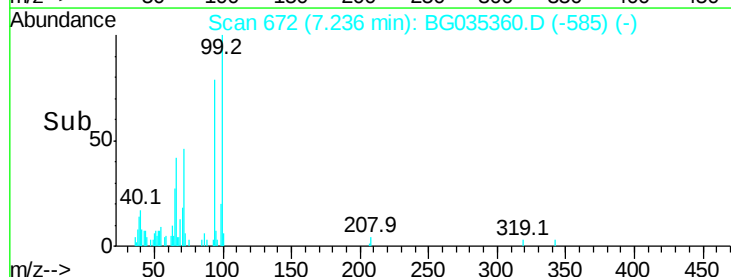
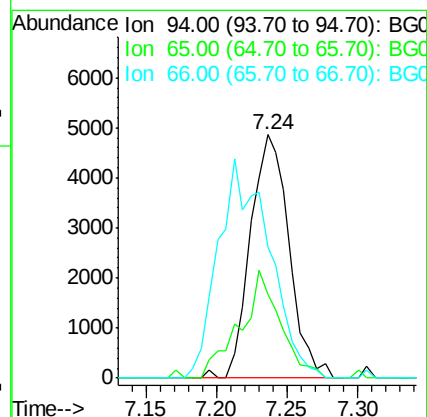
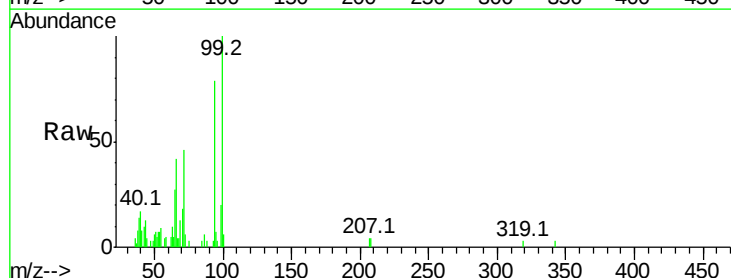
Tgt Ion: 94 Resp: 9327

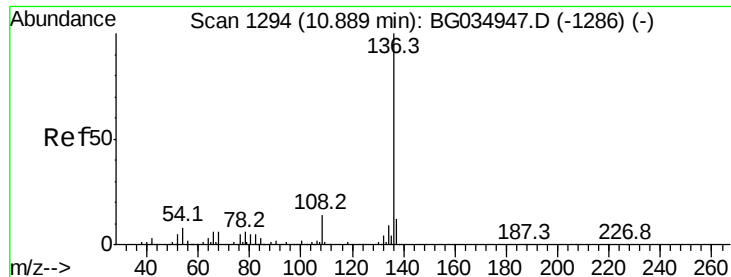
Ion Ratio Lower Upper

94 100

65 34.6 11.9 51.9

66 53.9 22.2 62.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BG035360.D

Acq: 23 Jun 2018 9:41

Instrument :

BNA_G

ClientSampleId :

061818-TPIC-F-U-S

Tot Ion:136 Resp: 167323

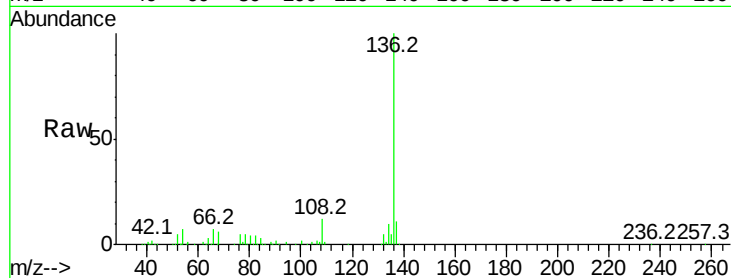
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 7.0 10.3 15.5#

68 6.4 4.5 6.7

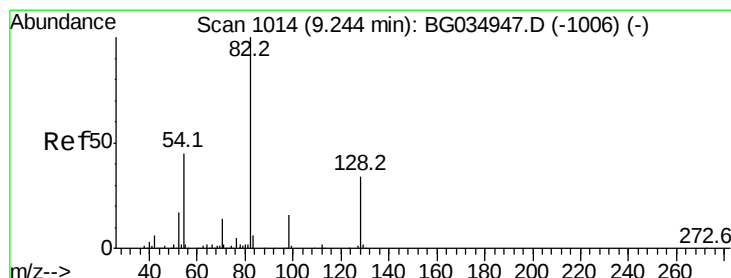
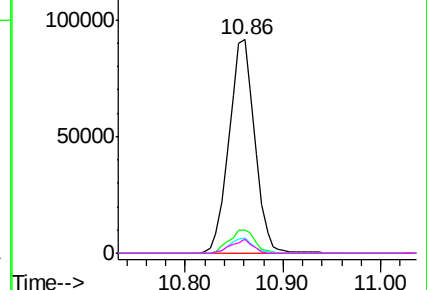
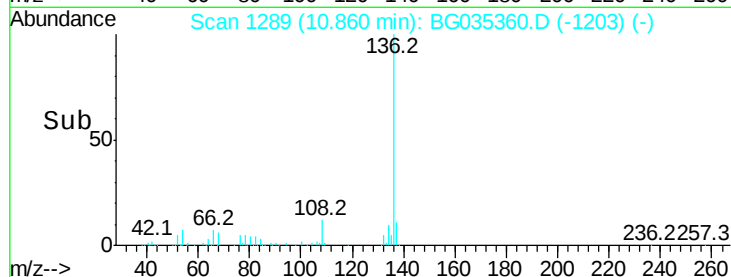


Abundance Ion 136.00 (135.70 to 136.70): E

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: 119.852 ng

RT: 9.22 min Scan# 1009

Delta R.T. -0.02 min

Lab File: BG035360.D

Acq: 23 Jun 2018 9:41

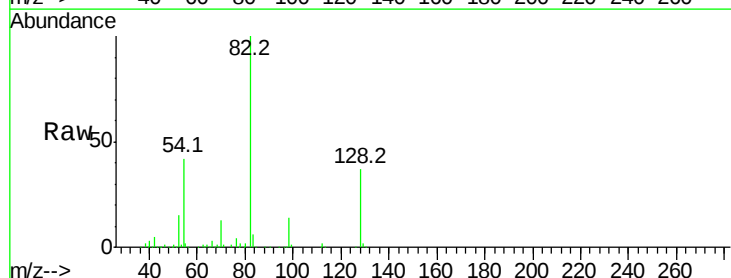
Tgt Ion: 82 Resp: 421885

Ion Ratio Lower Upper

82 100

128 36.6 29.7 44.5

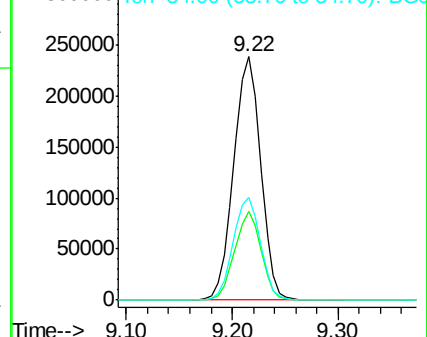
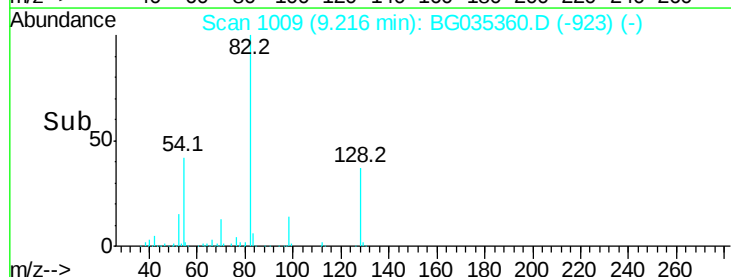
54 42.3 43.1 64.7#

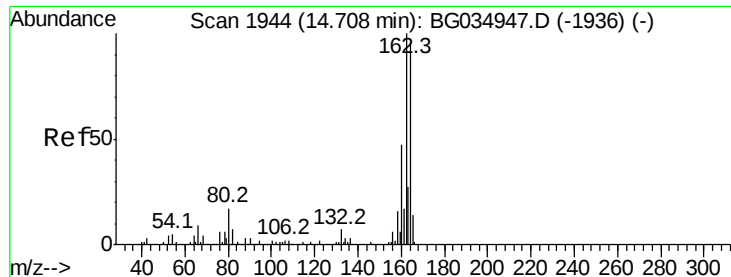


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: BG035360.D

Acq: 23 Jun 2018 9:41

Instrument :

BNA_G

ClientSampleId :

061818-TPIC-F-U-S

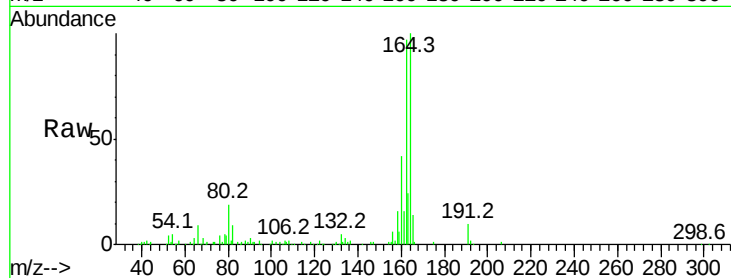
Tot Ion:164 Resp: 111456

Ion Ratio Lower Upper

164 100

162 97.3 78.8 118.2

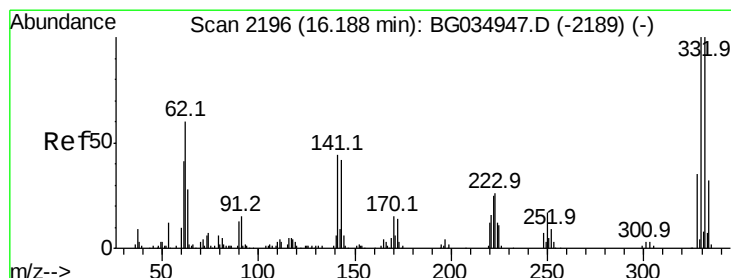
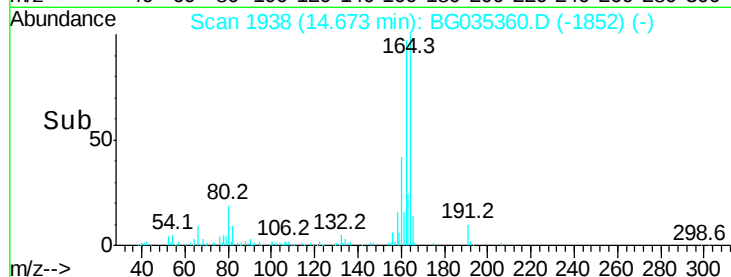
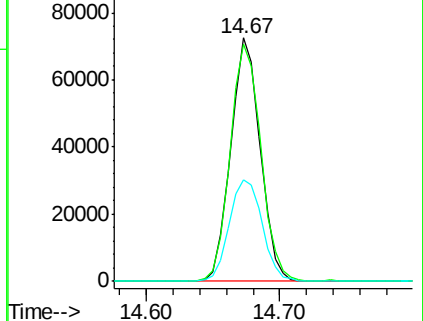
160 41.9 35.4 53.0



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: 130.357 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG035360.D

Acq: 23 Jun 2018 9:41

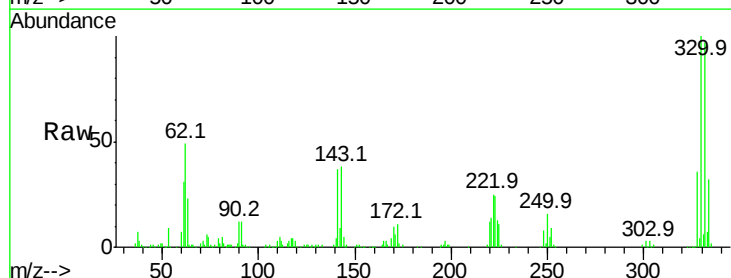
Tgt Ion:330 Resp: 185991

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.6

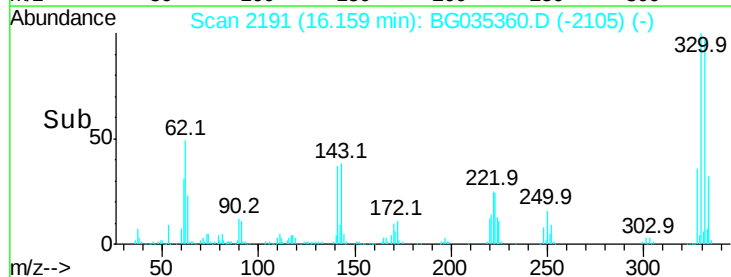
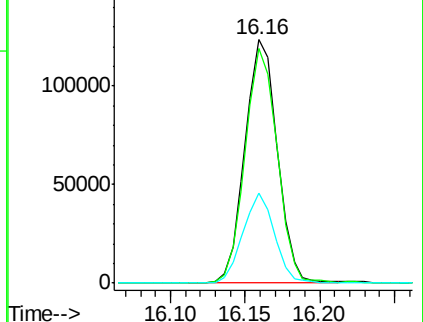
141 36.2 25.2 37.8

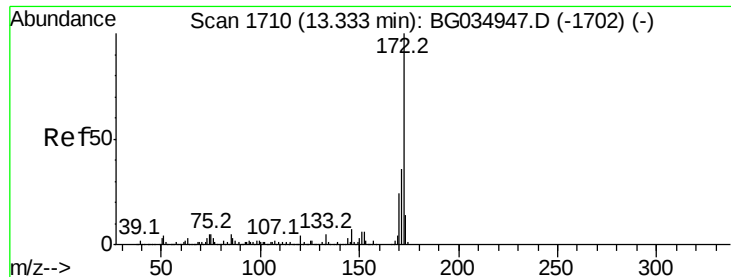


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

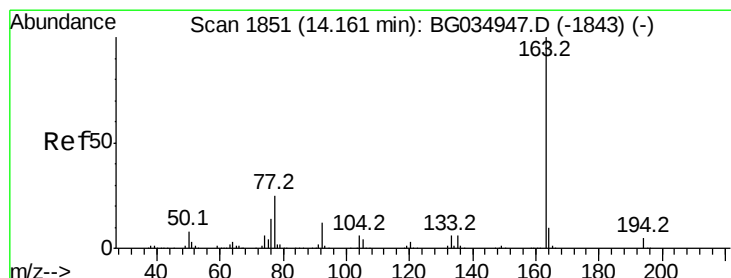
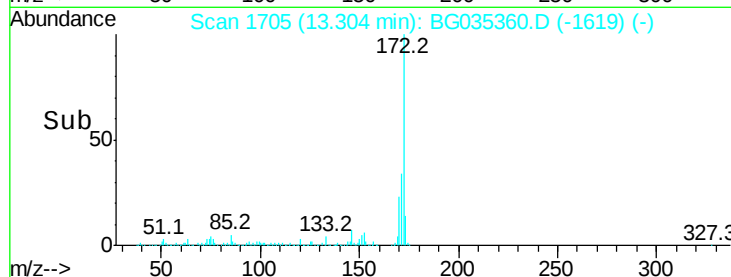
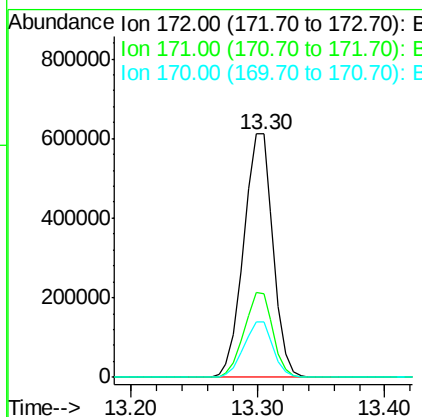
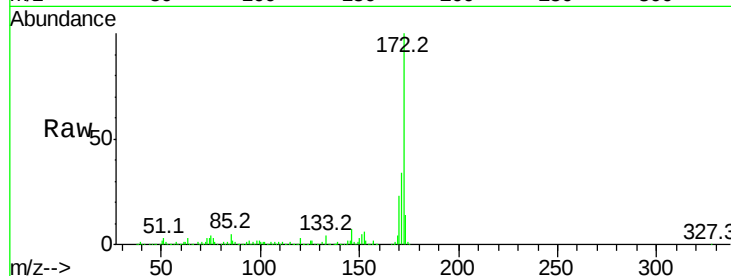




#44
2-Fluorobiphenyl
Concen: 114.752 ng
RT: 13.30 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BG035360.D
Acq: 23 Jun 2018 9:41

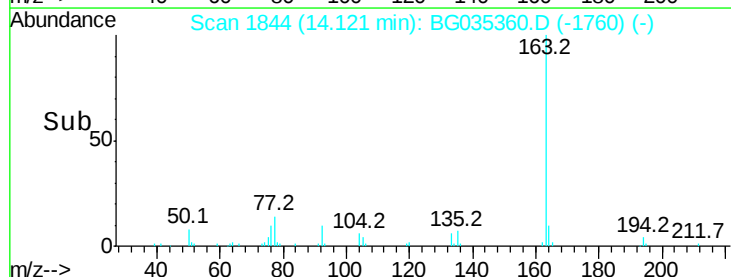
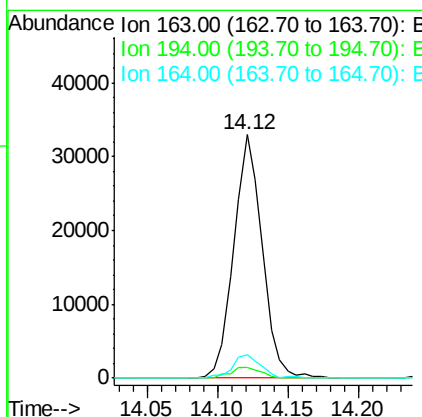
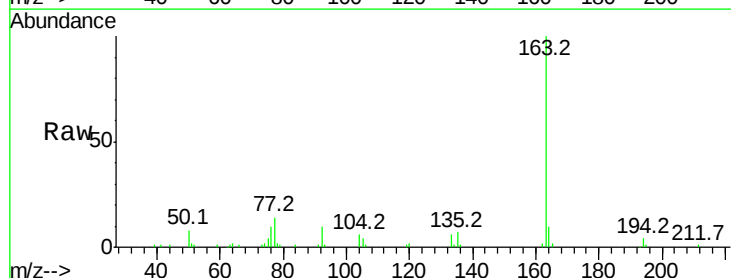
Instrument :
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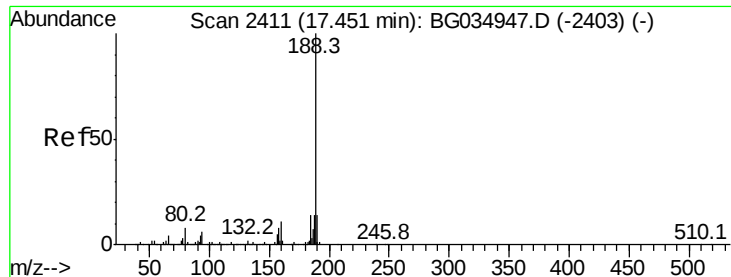
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.3	30.0	45.0
170	22.9	19.5	29.3



#49
Dimethylphthalate
Concen: 4.756 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.04 min
Lab File: BG035360.D
Acq: 23 Jun 2018 9:41

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	9.8	8.2	12.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BG035360.D

Acq: 23 Jun 2018 9:41

Instrument :

BNA_G

ClientSampleId :

061818-TPIC-F-U-S

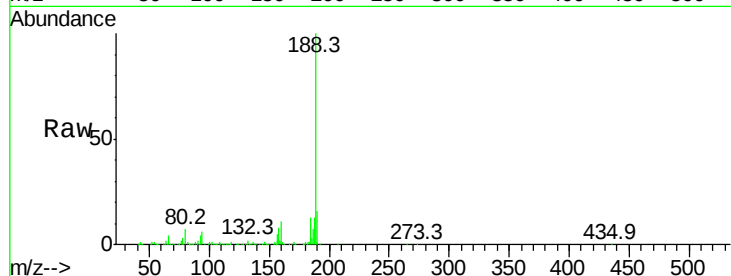
Tot Ion:188 Resp: 299310

Ion Ratio Lower Upper

188 100

94 6.1 6.9 10.3#

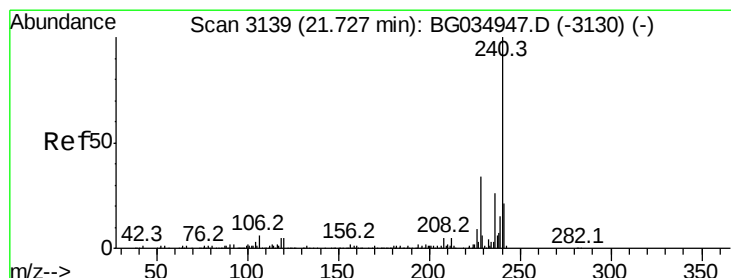
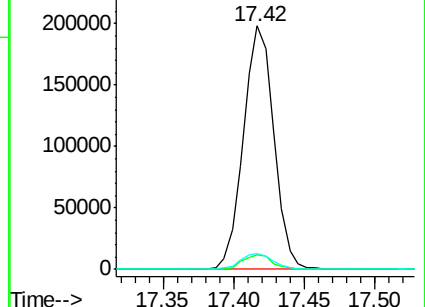
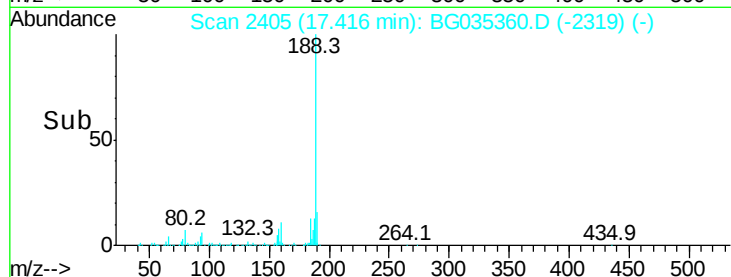
80 6.7 7.7 11.5#



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: BG035360.D

Acq: 23 Jun 2018 9:41

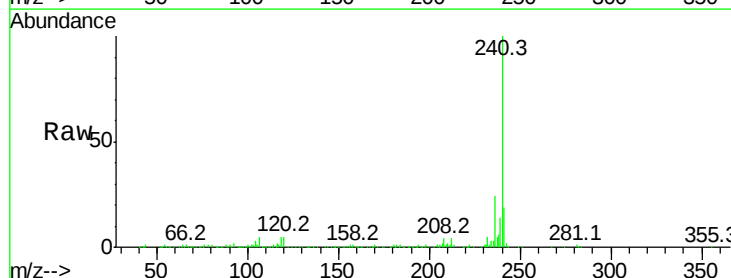
Tgt Ion:240 Resp: 346231

Ion Ratio Lower Upper

240 100

120 5.4 6.8 10.2#

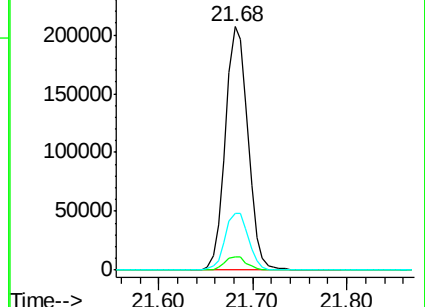
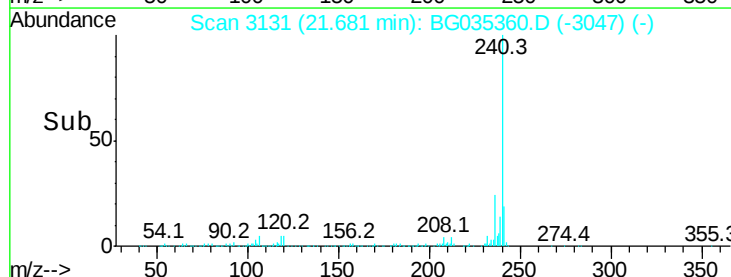
236 23.6 20.9 31.3

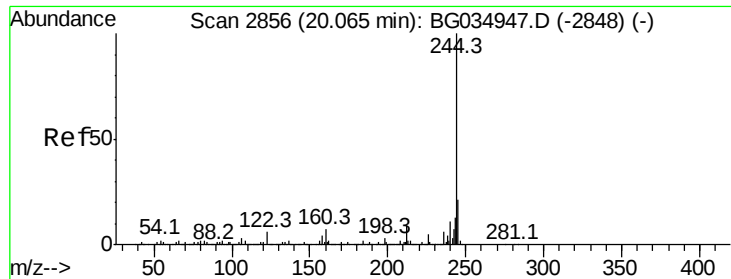


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 100.339 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035360.D

Acq: 23 Jun 2018 9:41

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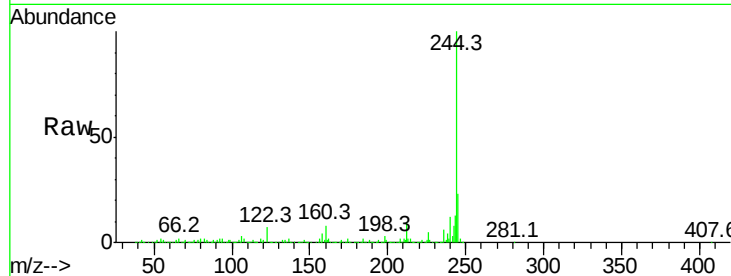
Tot Ion:244 Resp: 1658514

Ion Ratio Lower Upper

244 100

212 9.7 5.8 8.8#

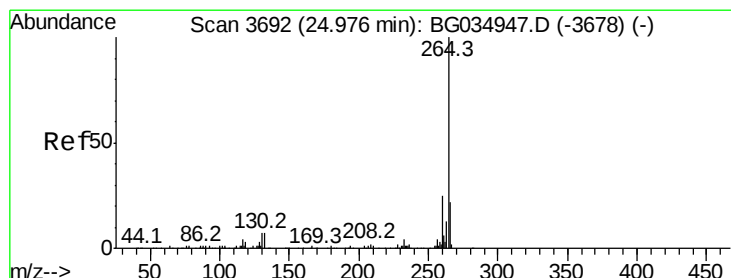
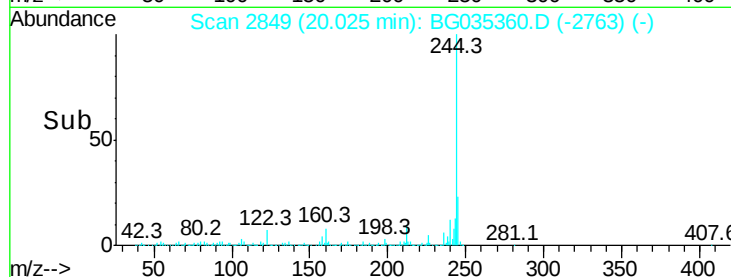
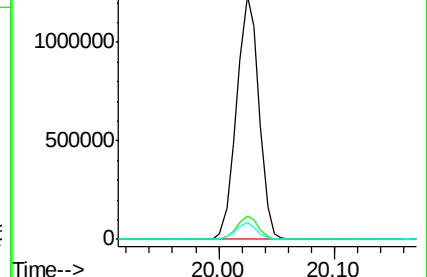
122 6.9 7.0 10.4#



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: 24.91 min Scan# 3680

Delta R.T. -0.05 min

Lab File: BG035360.D

Acq: 23 Jun 2018 9:41

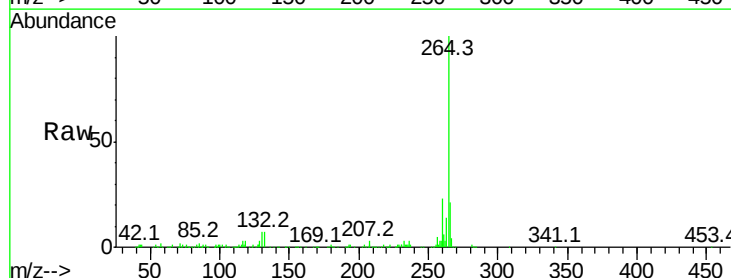
Tgt Ion:264 Resp: 331935

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.0

265 20.8 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

