

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091215\
 Data File : BG018658.D
 Acq On : 12 Sep 2015 3:03
 Operator : UM/IZ
 Sample : G3637-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VITALE-FILL-SOURCE-1B

Quant Time: Sep 12 03:53:07 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 11 10:44:16 2015
 Response via : Initial Calibration

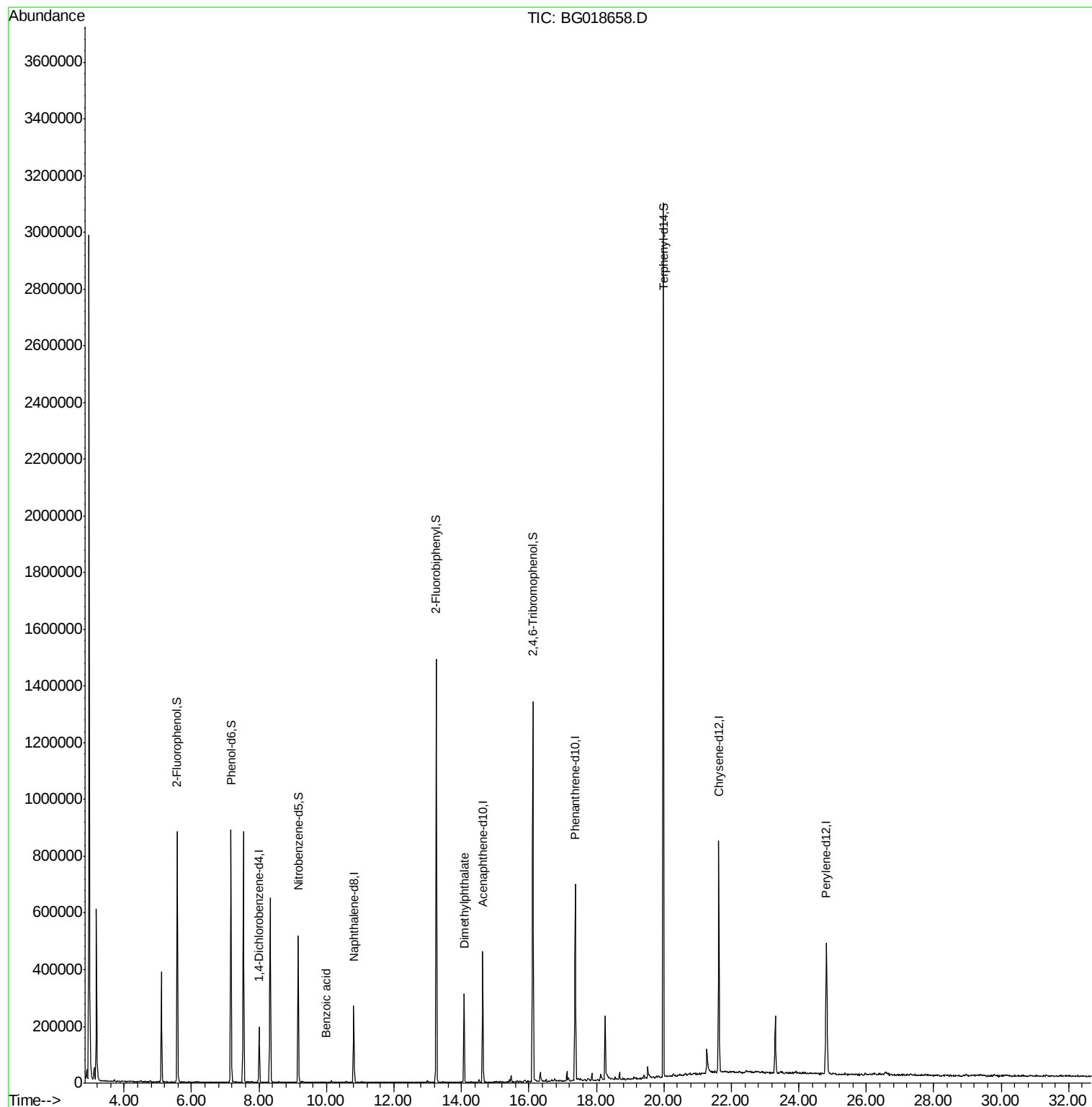
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	57842	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	237930	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	158649	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	437816	20.00	ng	0.00
75) Chrysene-d12	21.63	240	487043	20.00	ng	0.00
86) Perylene-d12	24.82	264	484812	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	414908	123.91	ng	0.00
7) Phenol-d6	7.17	99	590846	123.07	ng	0.00
23) Nitrobenzene-d5	9.16	82	325594	76.57	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	257204	120.40	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	789856	69.11	ng	0.00
78) Terphenyl-d14	19.98	244	1270300	68.49	ng	0.00
Target Compounds						
32) Benzoic acid	9.98	122	57	7.95	ng	Qvalue # 1
49) Dimethylphthalate	14.08	163	215602	16.41	ng	96

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.00 min Scan# 879

Delta R.T. -0.01 min

Lab File: BG018658.D

Acq: 12 Sep 2015 3:03

Instrument :

BNA_G

ClientSampleId :

VITALE-FILL-SOURCE-1B

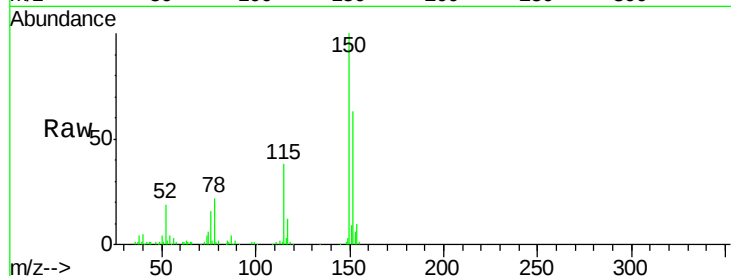
Tot Ion:152 Resp: 57842

Ion Ratio Lower Upper

152 100

150 158.4 115.0 172.4

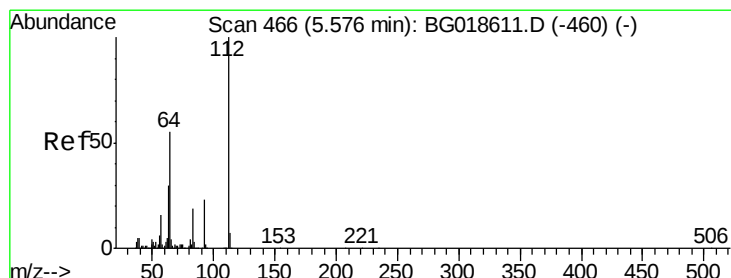
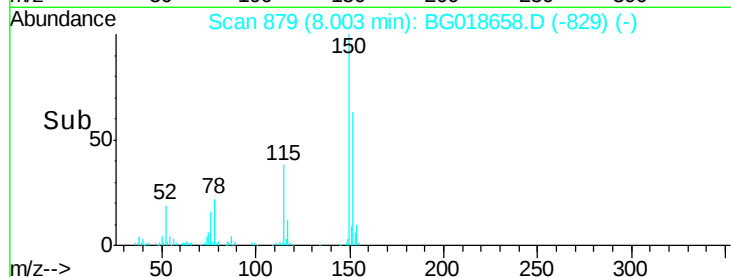
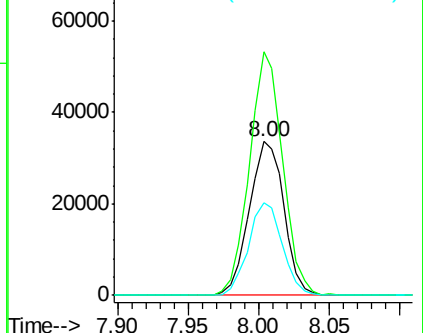
115 59.9 43.9 65.9



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: 123.91 ng

RT: 5.58 min Scan# 466

Delta R.T. 0.00 min

Lab File: BG018658.D

Acq: 12 Sep 2015 3:03

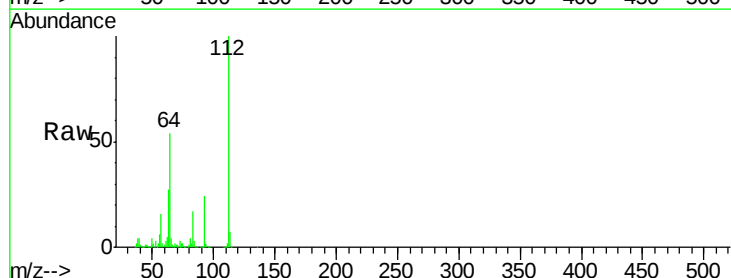
Tgt Ion:112 Resp: 414908

Ion Ratio Lower Upper

112 100

64 53.7 43.7 65.5

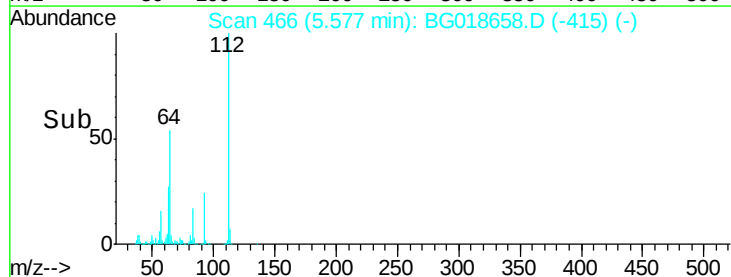
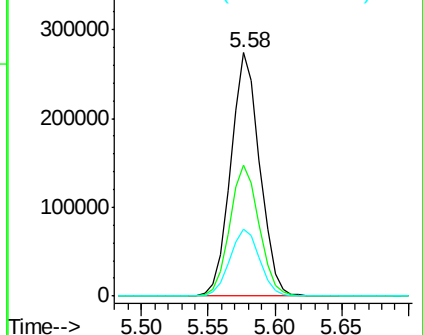
63 27.3 24.0 36.0

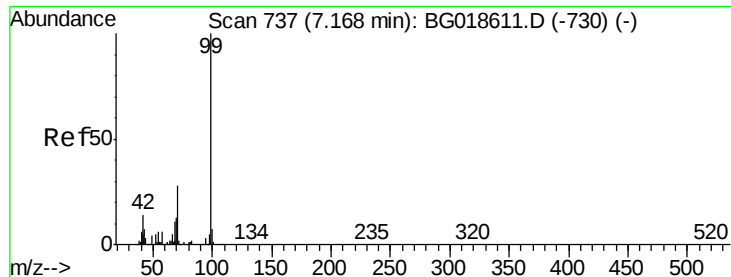


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 123.07 ng

RT: 7.17 min Scan# 737

Delta R.T. 0.01 min

Lab File: BG018658.D

Acq: 12 Sep 2015 3:03

Instrument :

BNA_G

ClientSampleId :

VITALE-FILL-SOURCE-1B

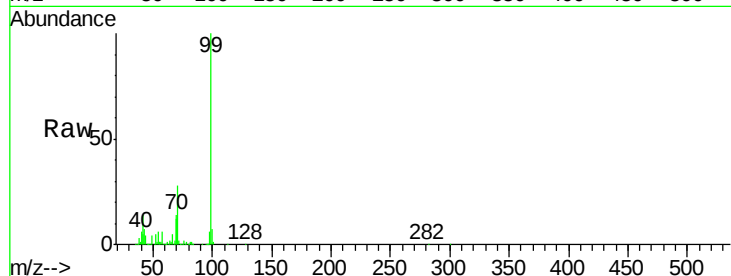
Tot Ion: 99 Resp: 590846

Ion Ratio Lower Upper

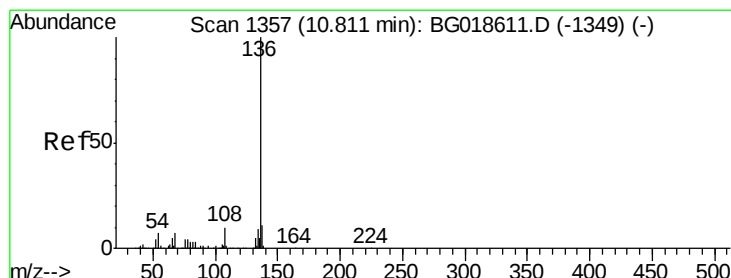
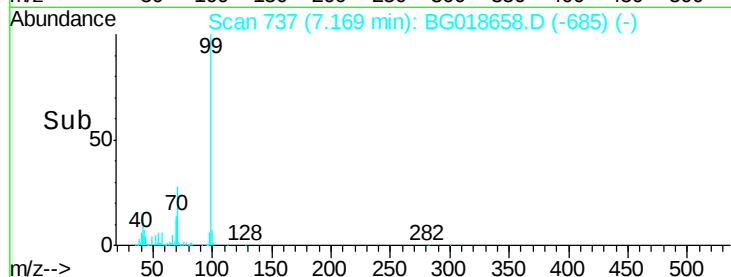
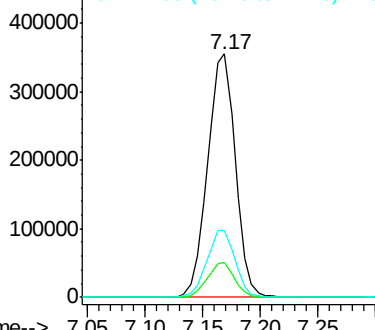
99 100

42 14.2 11.5 17.3

71 27.5 22.6 34.0



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.81 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BG018658.D

Acq: 12 Sep 2015 3:03

Tgt Ion: 136 Resp: 237930

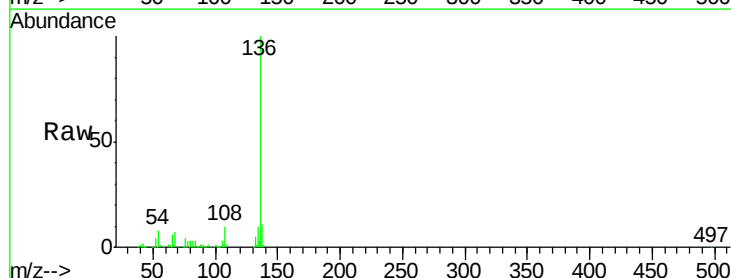
Ion Ratio Lower Upper

136 100

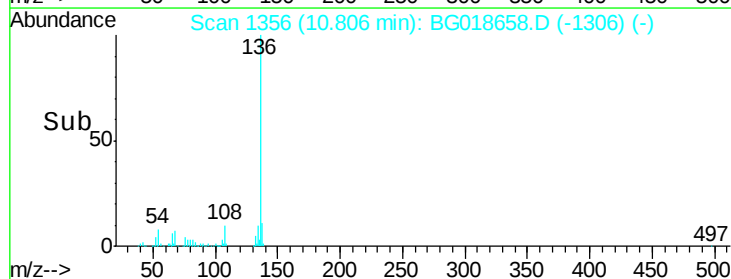
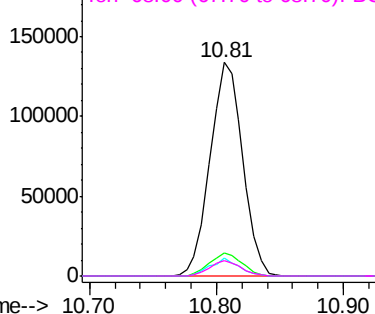
137 10.5 8.6 12.8

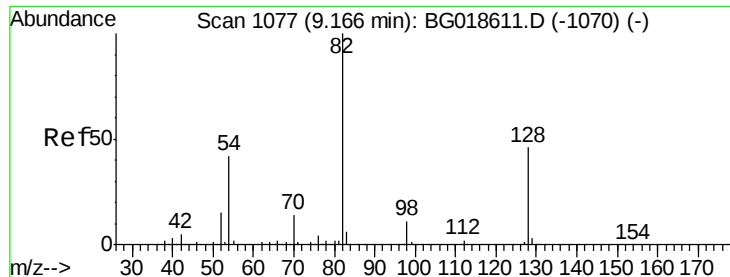
54 8.4 5.4 8.2#

68 7.0 5.3 7.9



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

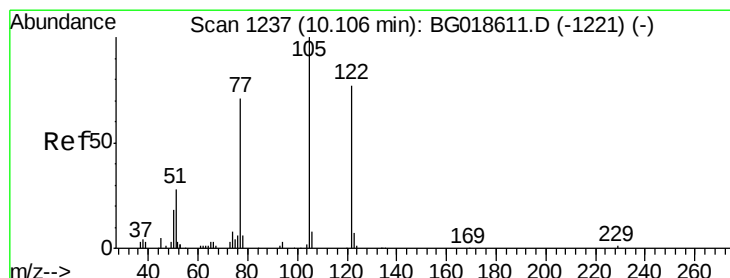
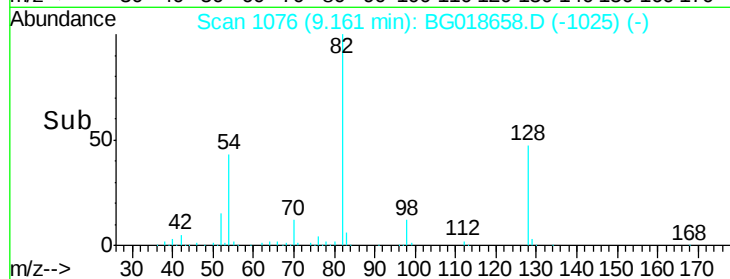
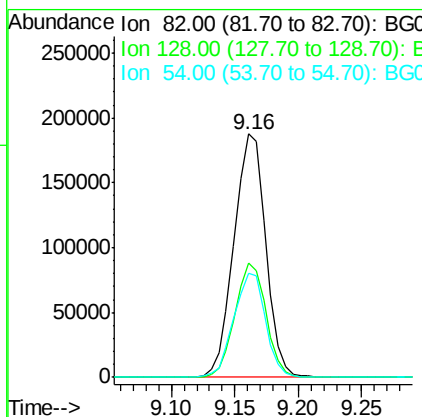
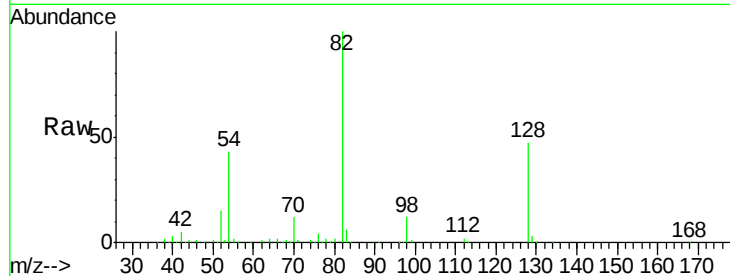




#23
 Nitrobenzene-d5
 Concen: 76.57 ng
 RT: 9.16 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: BG018658.D
 Acq: 12 Sep 2015 3:03

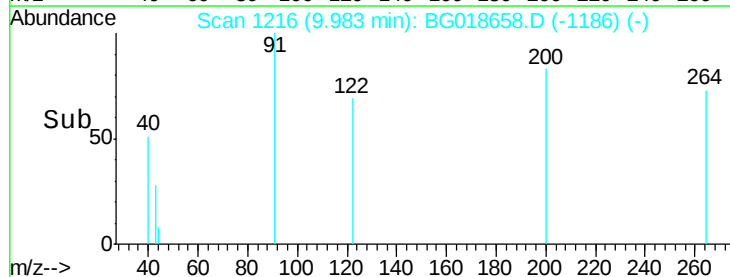
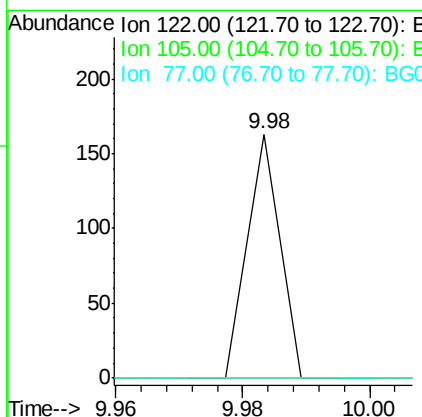
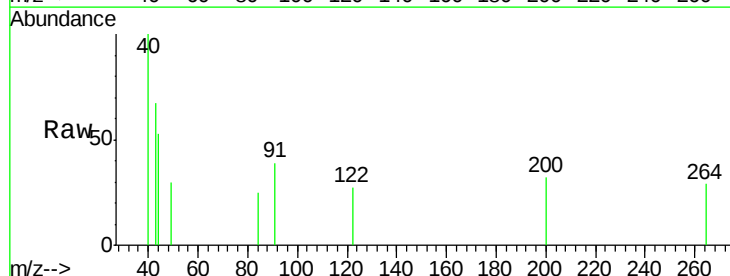
Instrument :
 BNA_G
 ClientSampleId :
 VITALE-FILL-SOURCE-1B

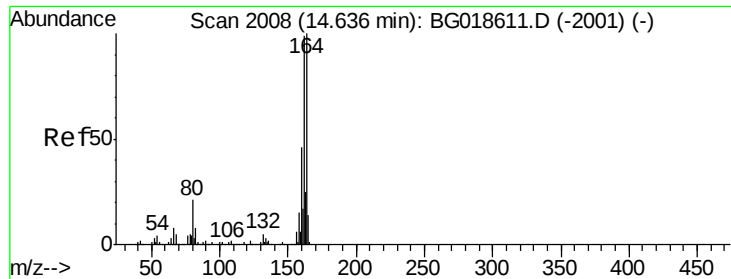
Tot Ion	82	Resp	325594
Ion Ratio	Lower	Upper	
82	100		
128	47.0	36.7	55.1
54	42.7	33.8	50.8



#32
 Benzoic acid
 Concen: 7.95 ng
 RT: 9.98 min Scan# 1216
 Delta R.T. -0.12 min
 Lab File: BG018658.D
 Acq: 12 Sep 2015 3:03

Tgt Ion	122	Resp	57
Ion Ratio	Lower	Upper	
122	100		
105	0.0	103.8	143.8#
77	0.0	68.8	108.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.63 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BG018658.D

Acq: 12 Sep 2015 3:03

Instrument :

BNA_G

ClientSampleId :

VITALE-FILL-SOURCE-1B

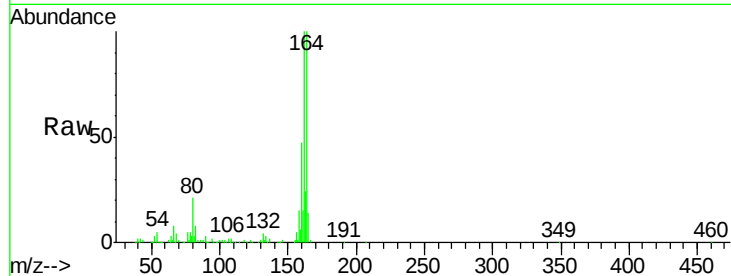
Tot Ion:164 Resp: 158649

Ion Ratio Lower Upper

164 100

162 99.9 78.8 118.2

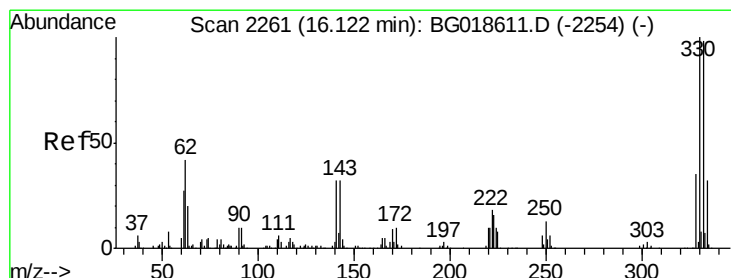
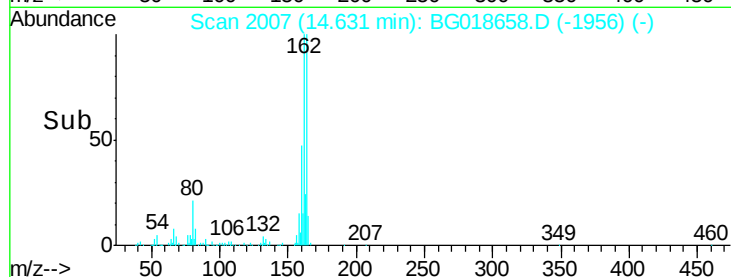
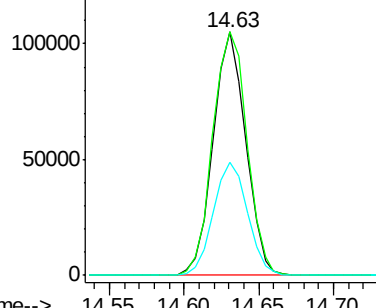
160 46.5 36.4 54.6



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: 120.40 ng

RT: 16.12 min Scan# 2260

Delta R.T. 0.00 min

Lab File: BG018658.D

Acq: 12 Sep 2015 3:03

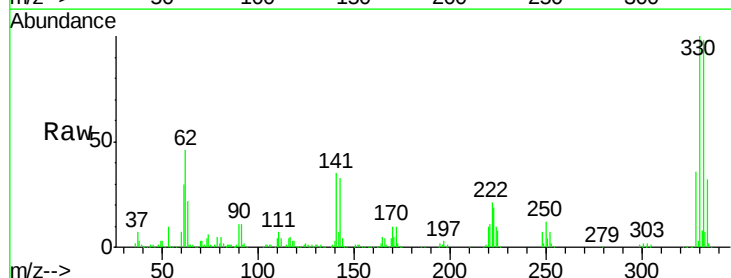
Tgt Ion:330 Resp: 257204

Ion Ratio Lower Upper

330 100

332 96.7 78.1 117.1

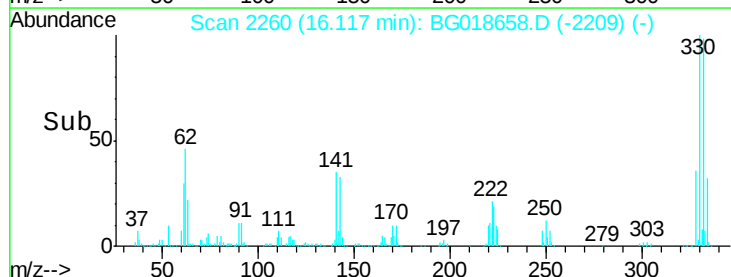
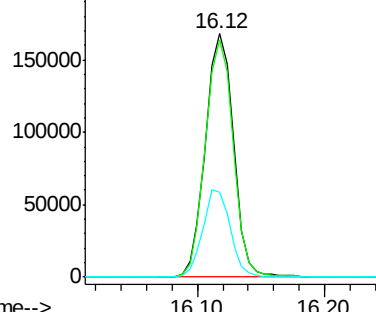
141 35.0 28.2 42.2

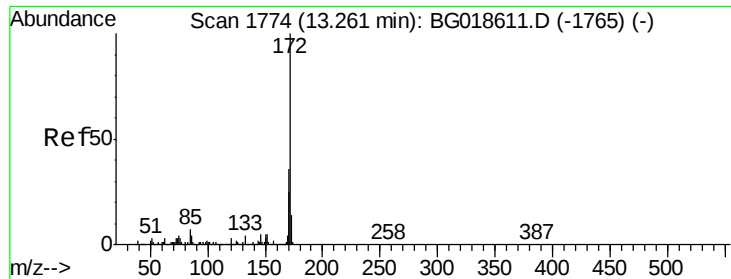


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

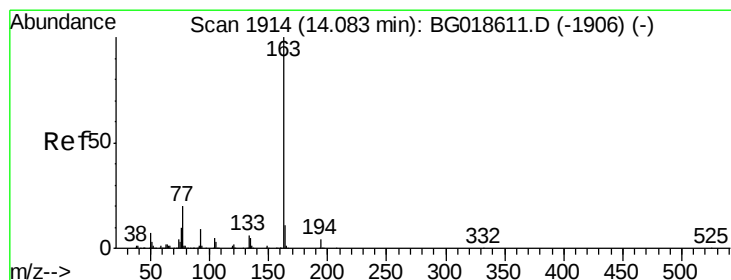
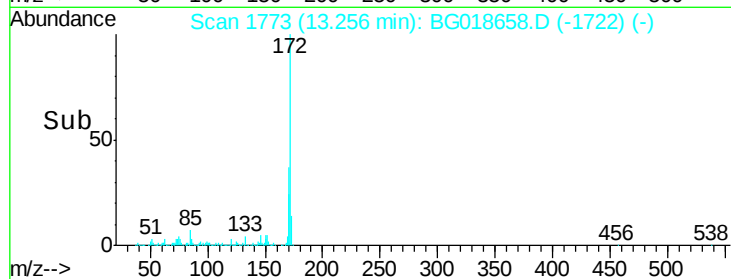
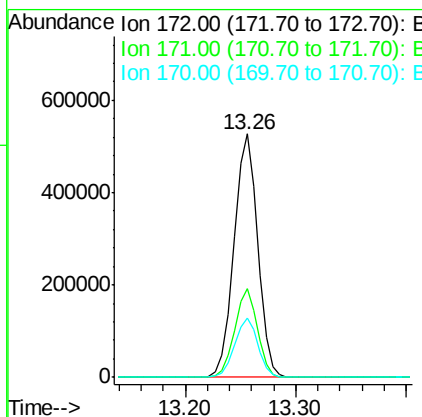
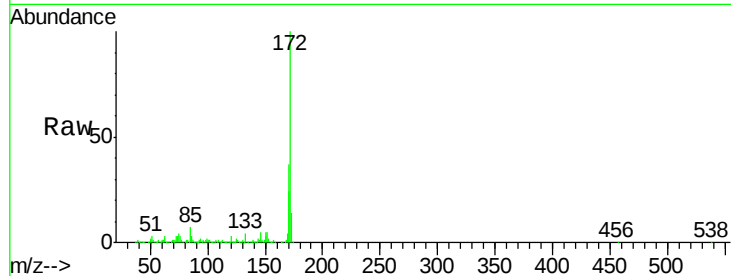




#44
2-Fluorobiphenyl
Concen: 69.11 ng
RT: 13.26 min Scan# 1773
Delta R.T. 0.00 min
Lab File: BG018658.D
Acq: 12 Sep 2015 3:03

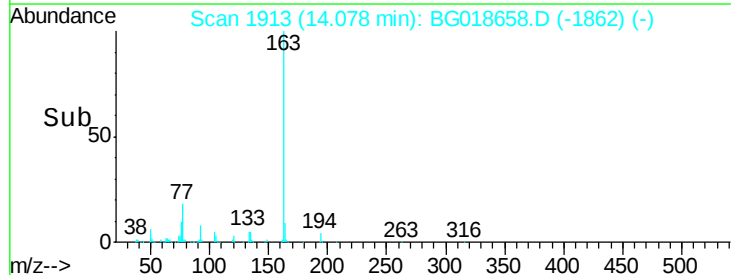
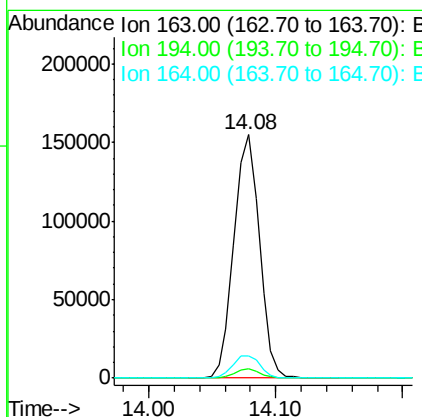
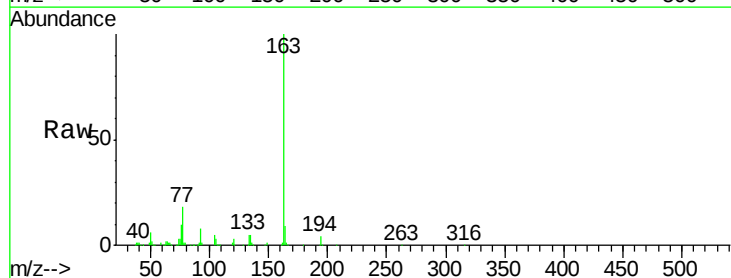
Instrument :
BNA_G
ClientSampleId :
VITALE-FILL-SOURCE-1B

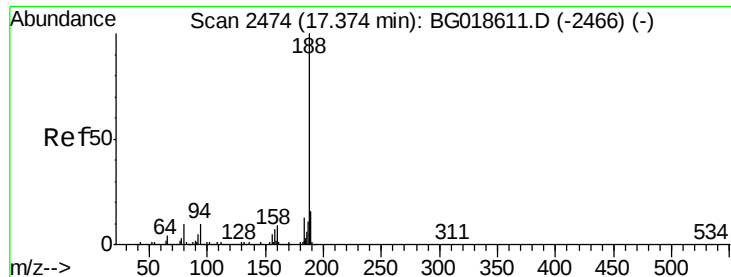
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	24.3	19.9	29.9



#49
Dimethylphthalate
Concen: 16.41 ng
RT: 14.08 min Scan# 1913
Delta R.T. 0.00 min
Lab File: BG018658.D
Acq: 12 Sep 2015 3:03

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	8.9	8.8	13.2

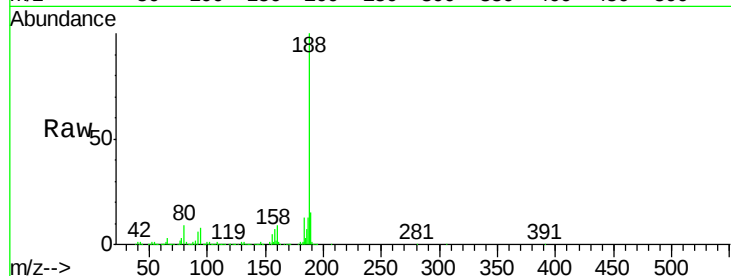




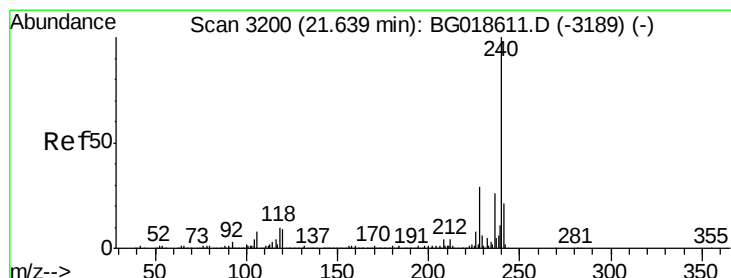
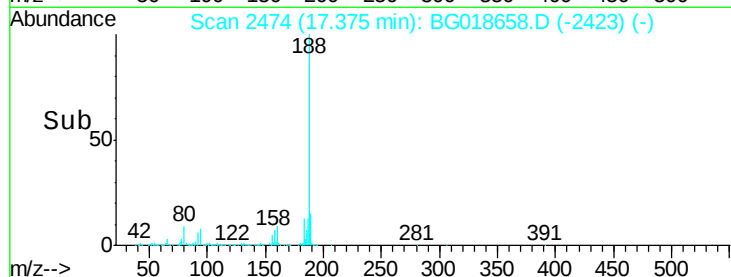
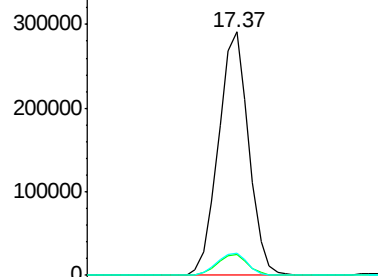
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2474
Delta R.T. 0.00 min
Lab File: BG018658.D
Acq: 12 Sep 2015 3:03

Instrument :
BNA_G
ClientSampleId :
VITALE-FILL-SOURCE-1B

Tot Ion:188 Resp: 437816
Ion Ratio Lower Upper
188 100
94 8.4 7.7 11.5
80 9.0 7.8 11.8

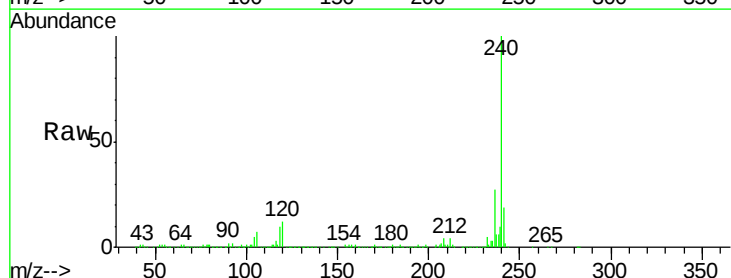


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

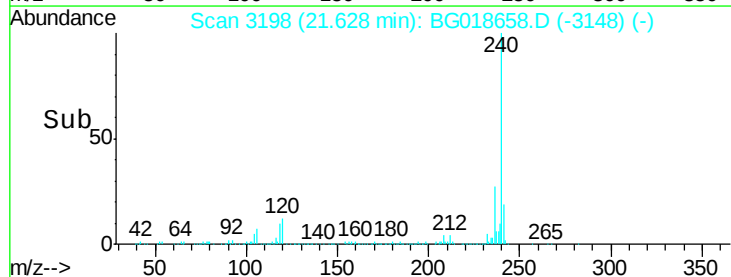
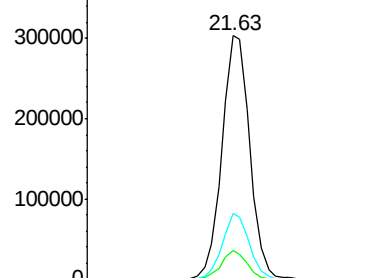


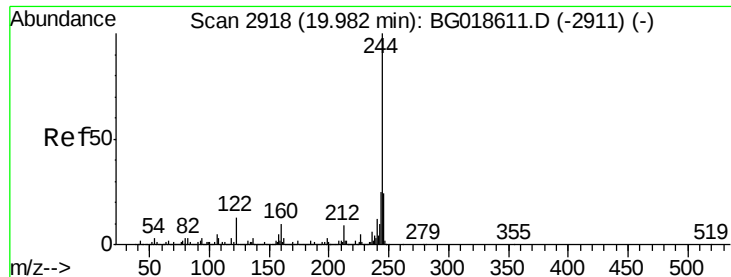
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.63 min Scan# 3198
Delta R.T. -0.01 min
Lab File: BG018658.D
Acq: 12 Sep 2015 3:03

Tgt Ion:240 Resp: 487043
Ion Ratio Lower Upper
240 100
120 11.6 7.4 11.0#
236 26.9 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: 68.49 ng

RT: 19.98 min Scan# 2918

Delta R.T. 0.00 min

Lab File: BG018658.D

Acq: 12 Sep 2015 3:03

Instrument :

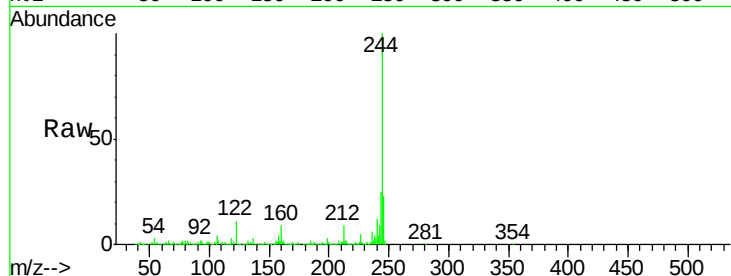
BNA_G

ClientSampleId :

VITALE-FILL-SOURCE-1B

Tot Ion:244 Resp: 1270300

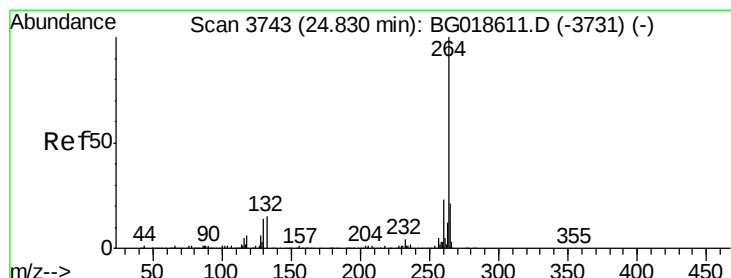
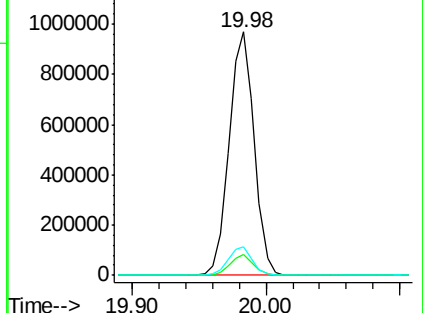
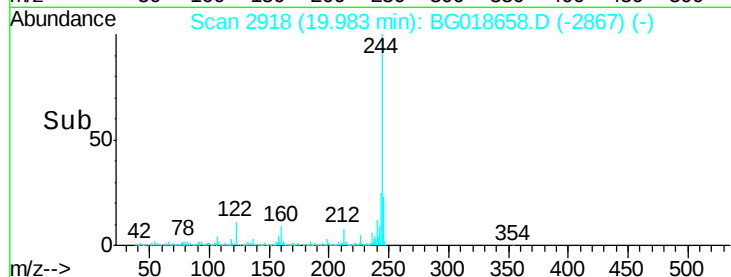
Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.9	10.3
122	11.5	10.2	15.2



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: 20.00 ng

RT: 24.82 min Scan# 3741

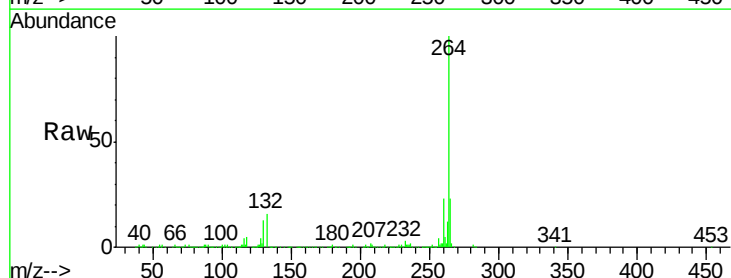
Delta R.T. -0.01 min

Lab File: BG018658.D

Acq: 12 Sep 2015 3:03

Tgt Ion:264 Resp: 484812

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.5	27.7
265	22.5	17.2	25.8



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

