

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101015\
 Data File : BG019142.D
 Acq On : 11 Oct 2015 6:41
 Operator : UM/NP
 Sample : G3929-16
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 12 07:26:21 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 07:23:23 2015
 Response via : Initial Calibration

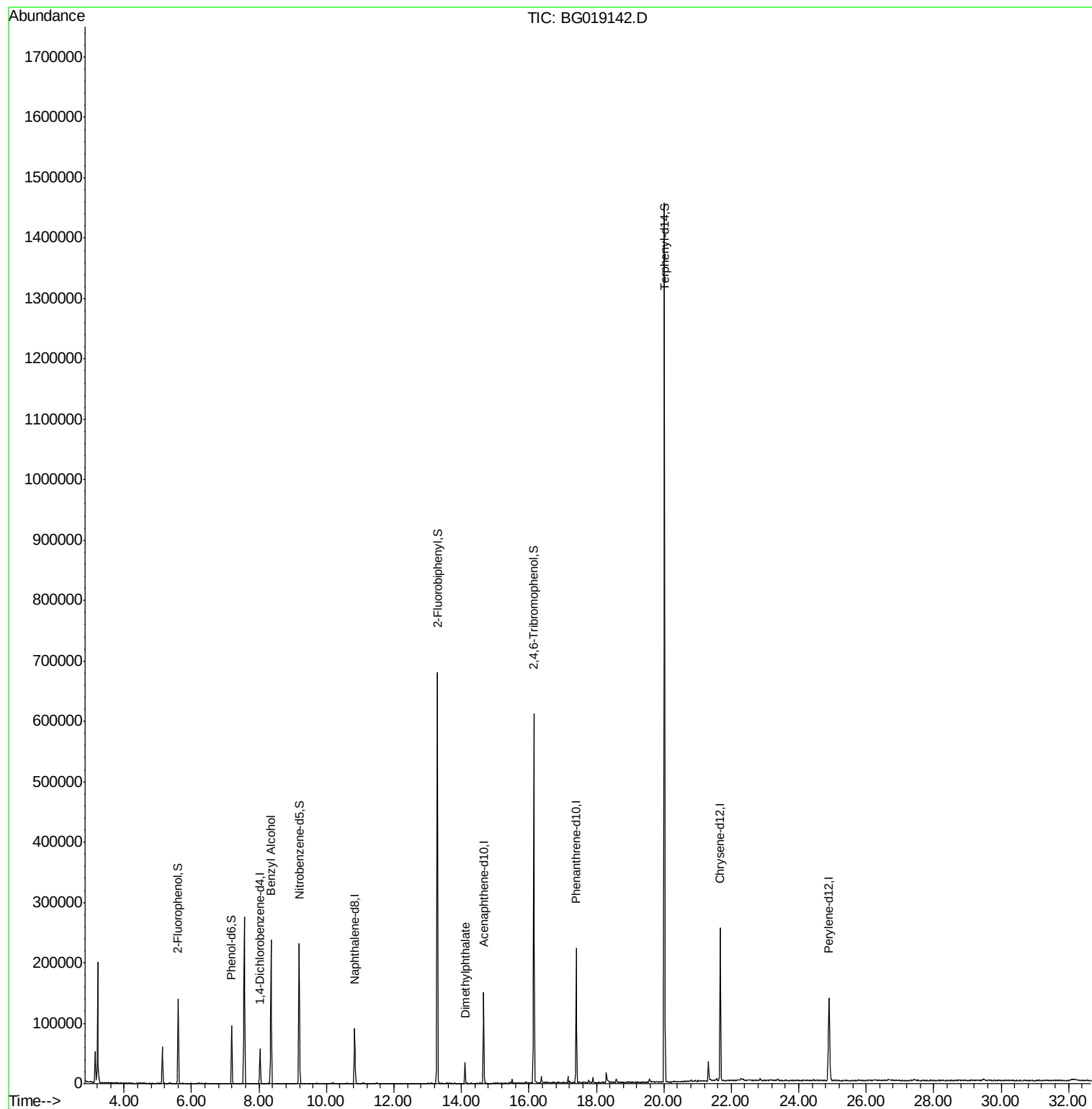
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	15195	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	69972	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	50120	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	128286	20.00	ng	0.00
75) Chrysene-d12	21.67	240	153691	20.00	ng	0.00
86) Perylene-d12	24.90	264	148825	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	51636	69.19	ng	0.00
7) Phenol-d6	7.19	99	50667	44.19	ng	0.00
23) Nitrobenzene-d5	9.19	82	131838	104.11	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	107672	157.65	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	343126	105.27	ng	0.00
78) Terphenyl-d14	20.02	244	614721	105.65	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.36	79	2091	2.04	ng	Qvalue # 62
49) Dimethylphthalate	14.11	163	22773	5.75	ng	100

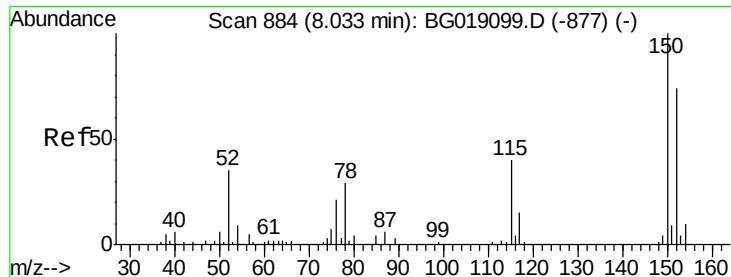
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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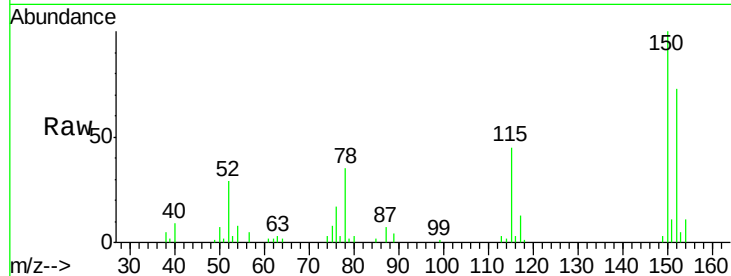


#1

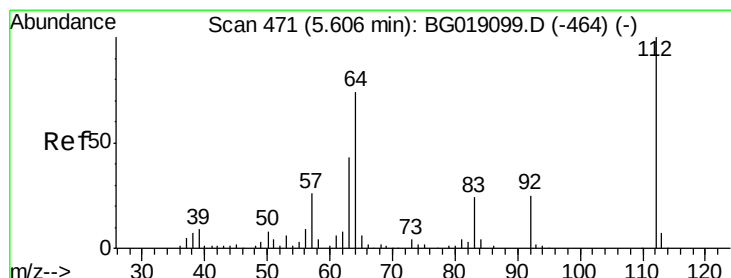
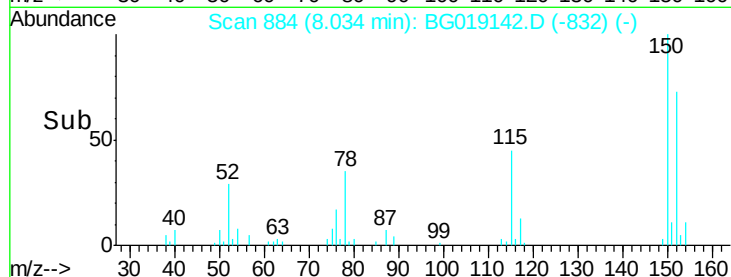
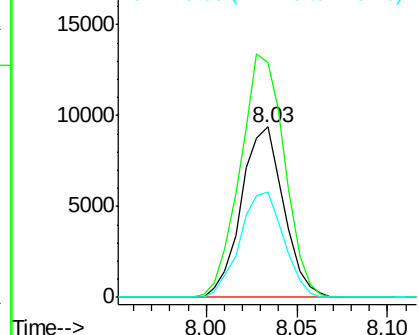
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 884
Delta R.T. 0.00 min
Lab File: BG019142.D
Acq: 11 Oct 2015 6:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 15195
Ion Ratio Lower Upper
152 100
150 137.9 108.2 162.2
115 61.6 43.2 64.8



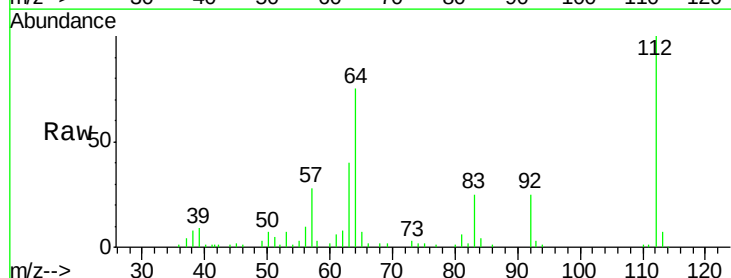
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



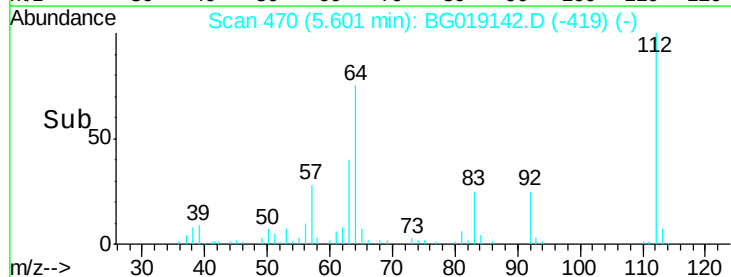
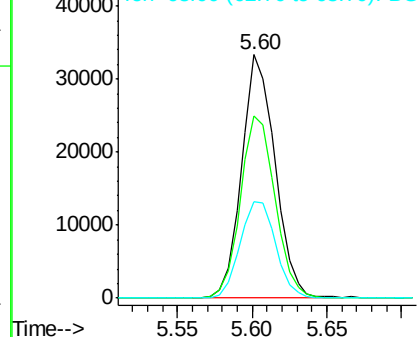
#5

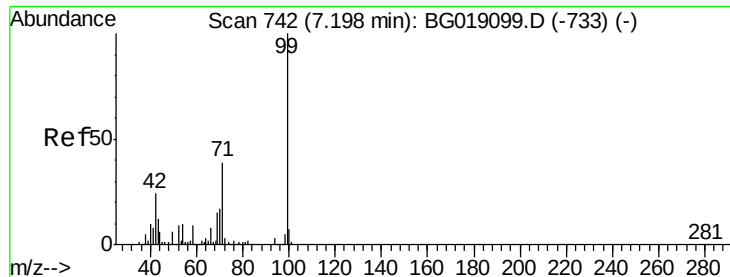
2-Fluorophenol
Concen: 69.19 ng
RT: 5.60 min Scan# 470
Delta R.T. -0.00 min
Lab File: BG019142.D
Acq: 11 Oct 2015 6:41

Tgt Ion:112 Resp: 51636
Ion Ratio Lower Upper
112 100
64 74.6 59.0 88.4
63 39.7 34.7 52.1



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: 44.19 ng

RT: 7.19 min Scan# 740

Delta R.T. -0.01 min

Lab File: BG019142.D

Acq: 11 Oct 2015 6:41

Instrument :

BNA_G

ClientSampleId :

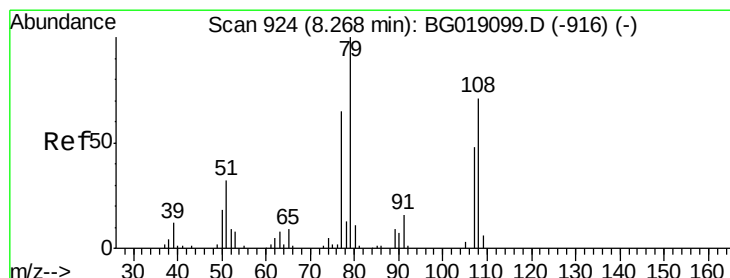
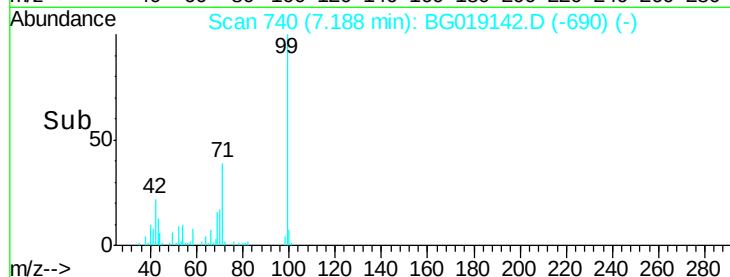
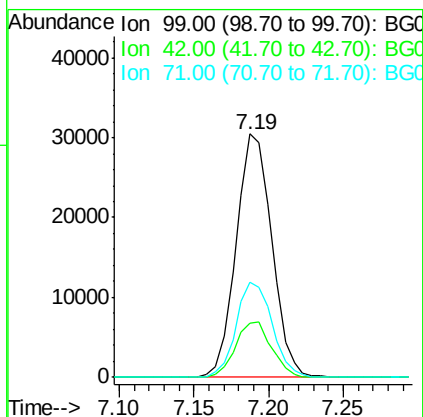
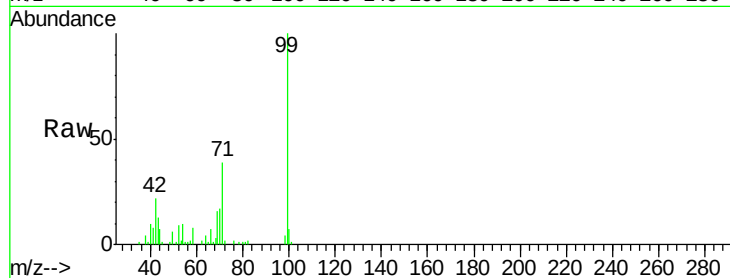
Tot Ion: 99 Resp: 50667

Ion Ratio Lower Upper

99 100

42 22.3 19.5 29.3

71 39.1 31.4 47.0



#15

Benzyl Alcohol

Concen: 2.04 ng

RT: 8.36 min Scan# 939

Delta R.T. 0.09 min

Lab File: BG019142.D

Acq: 11 Oct 2015 6:41

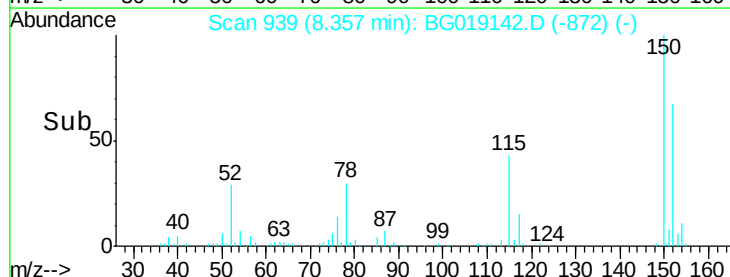
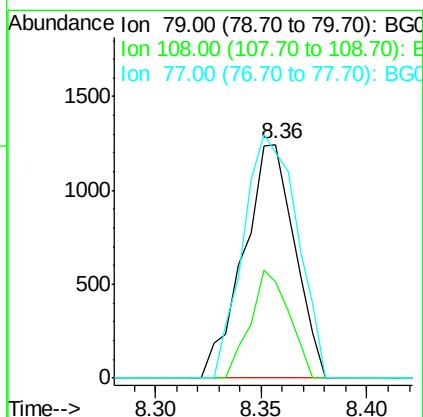
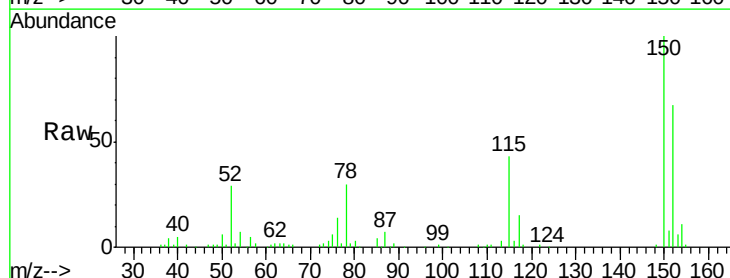
Tgt Ion: 79 Resp: 2091

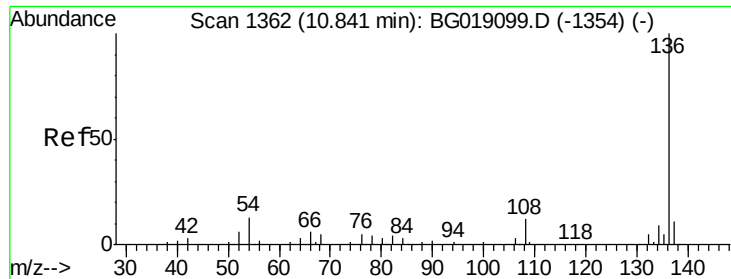
Ion Ratio Lower Upper

79 100

108 41.4 56.6 84.8#

77 96.3 51.6 77.4#

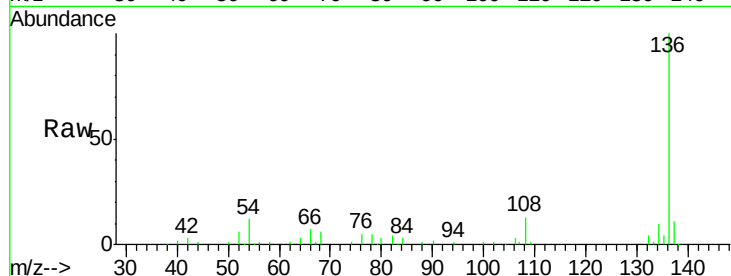




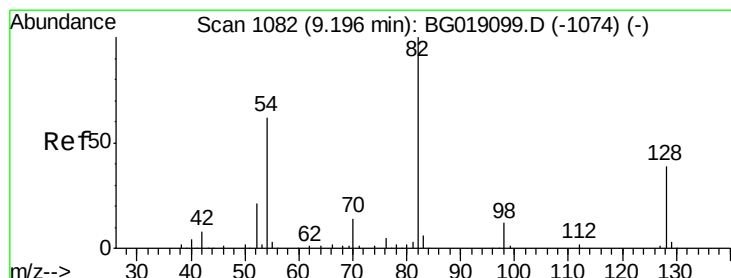
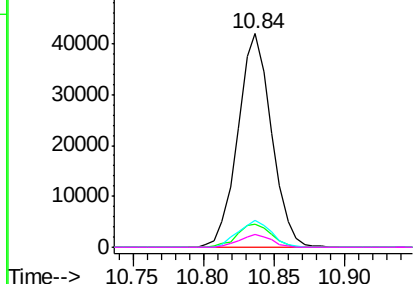
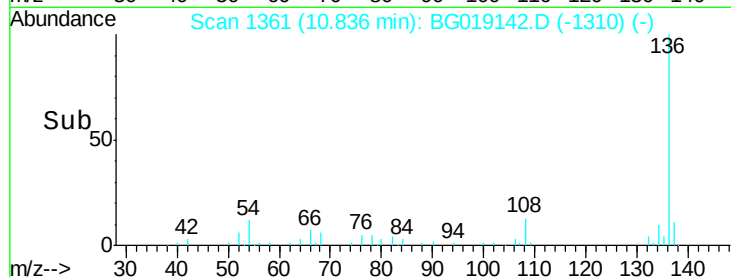
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.84 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BG019142.D
Acq: 11 Oct 2015 6:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	69972
Ion	Ratio	Lower Upper
136	100	
137	10.5	9.0 13.4
54	12.4	10.1 15.1
68	5.9	4.4 6.6

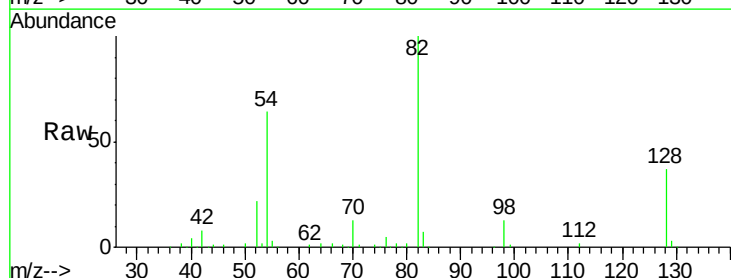


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

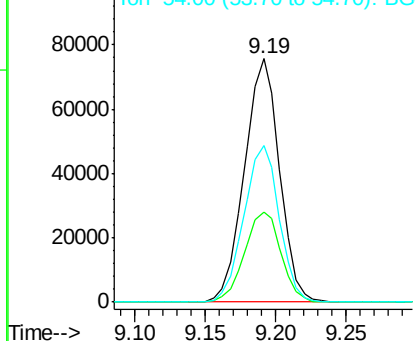
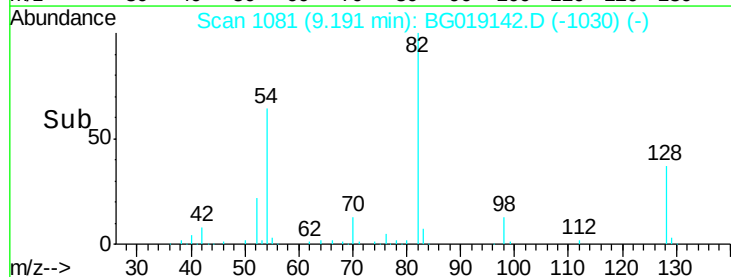


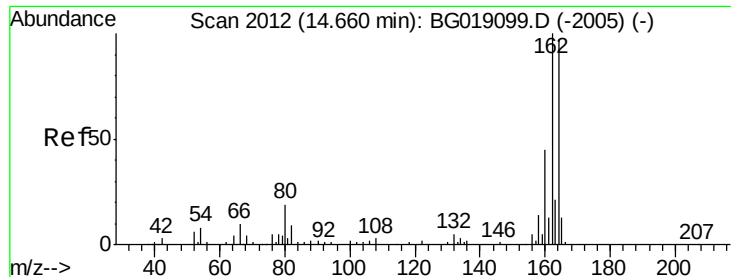
#23
Nitrobenzene-d5
Concen: 104.11 ng
RT: 9.19 min Scan# 1081
Delta R.T. -0.00 min
Lab File: BG019142.D
Acq: 11 Oct 2015 6:41

Tgt Ion: 82	Resp:	131838
Ion	Ratio	Lower Upper
82	100	
128	37.1	31.4 47.2
54	64.4	50.0 75.0



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: 20.00 ng

RT: 14.66 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BG019142.D

Acq: 11 Oct 2015 6:41

Instrument :

BNA_G

ClientSampleId :

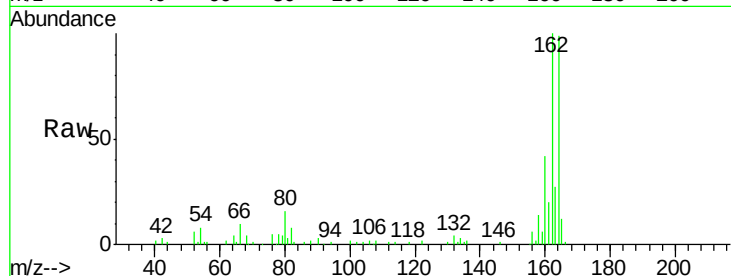
Tot Ion:164 Resp: 50120

Ion Ratio Lower Upper

164 100

162 101.3 82.6 124.0

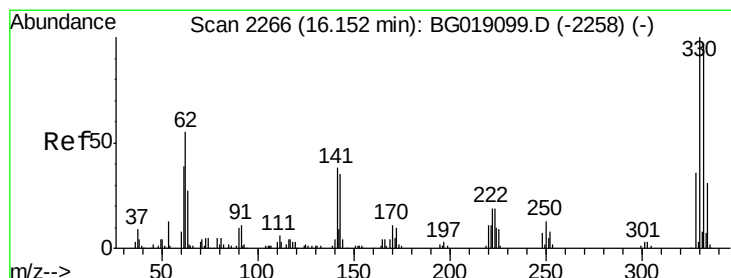
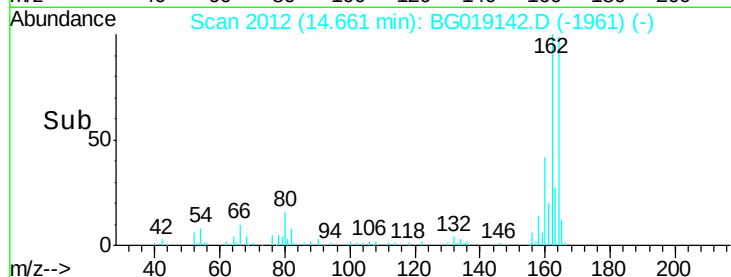
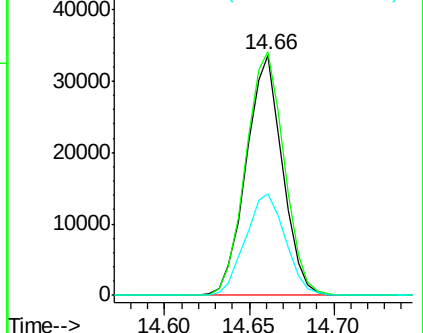
160 42.1 36.9 55.3



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: 157.65 ng

RT: 16.15 min Scan# 2265

Delta R.T. -0.00 min

Lab File: BG019142.D

Acq: 11 Oct 2015 6:41

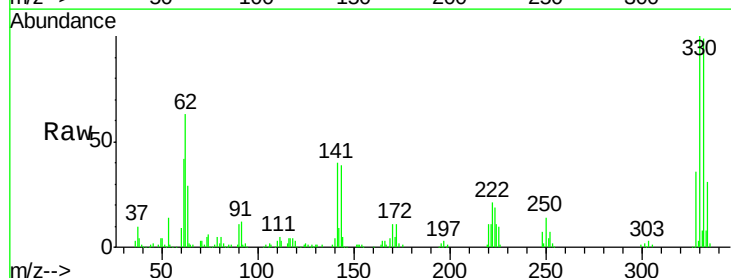
Tgt Ion:330 Resp: 107672

Ion Ratio Lower Upper

330 100

332 96.5 77.3 115.9

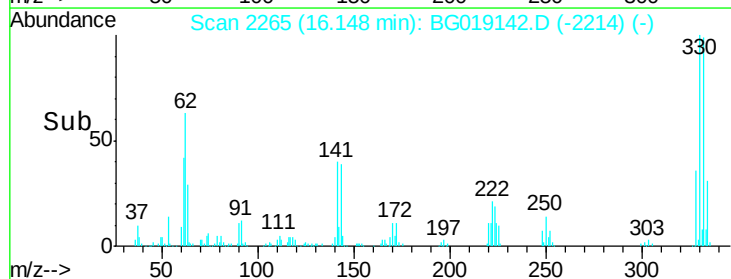
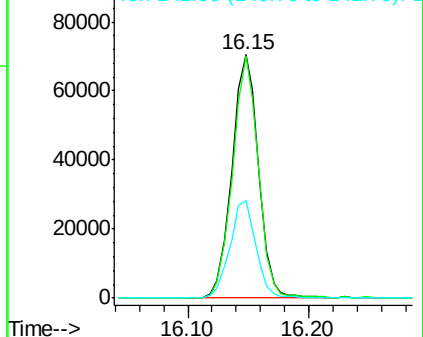
141 39.2 30.7 46.1

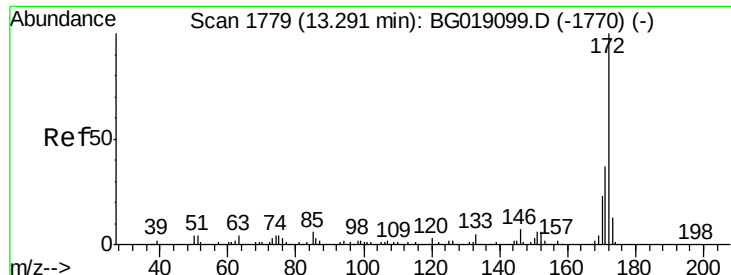


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

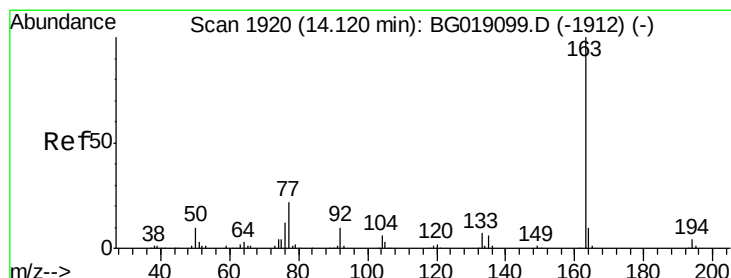
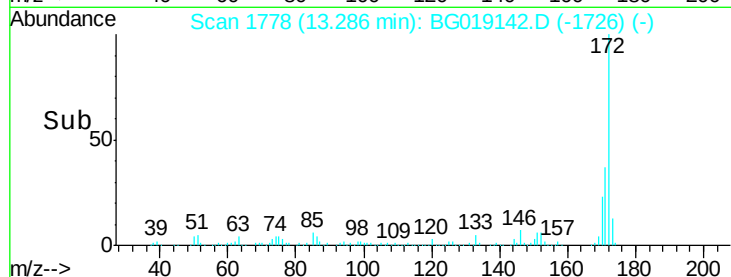
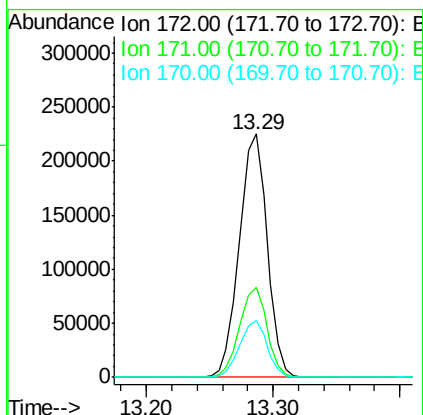
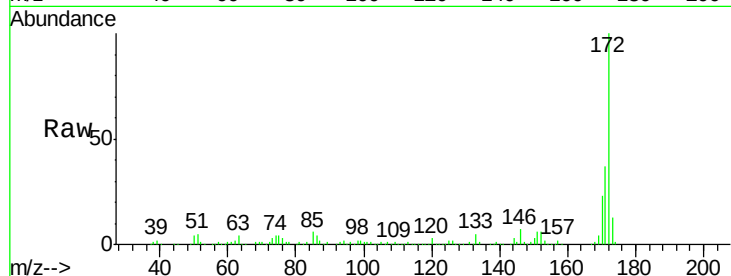




#44
2-Fluorobiphenyl
Concen: 105.27 ng
RT: 13.29 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BG019142.D
Acq: 11 Oct 2015 6:41

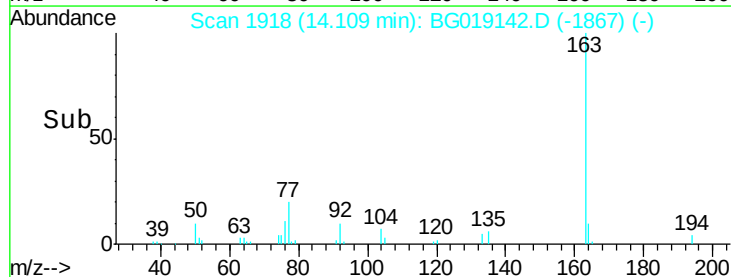
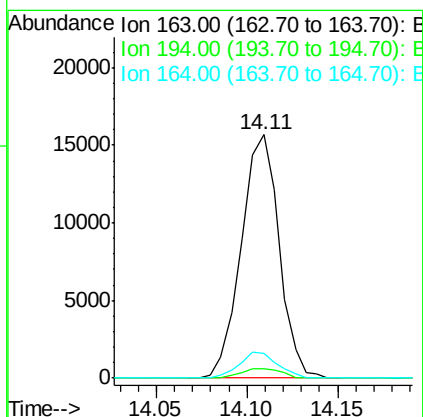
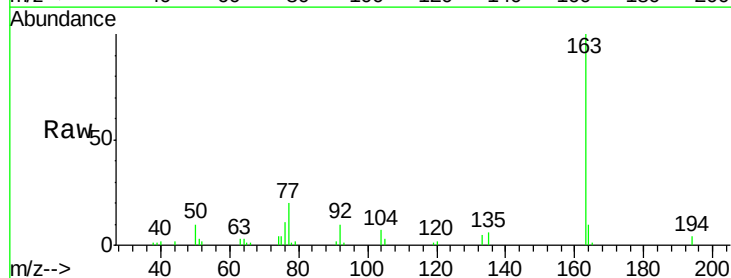
Instrument :
BNA_G
ClientSampleId :

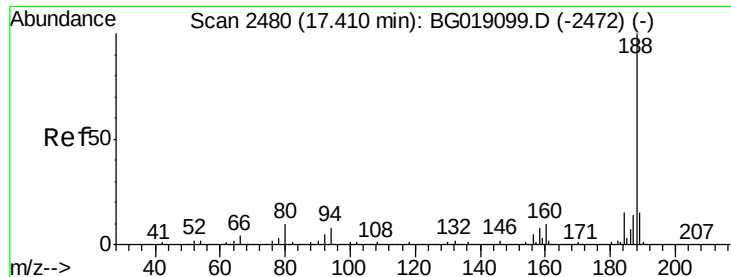
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.9	44.9
170	23.1	18.6	27.8



#49
Dimethylphthalate
Concen: 5.75 ng
RT: 14.11 min Scan# 1918
Delta R.T. -0.00 min
Lab File: BG019142.D
Acq: 11 Oct 2015 6:41

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.3	8.1	12.1

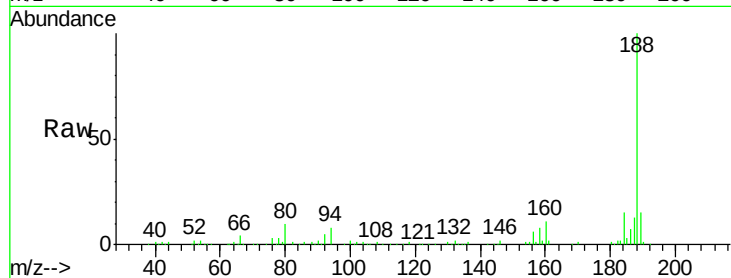




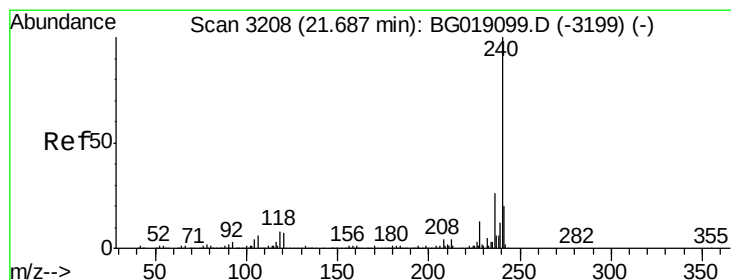
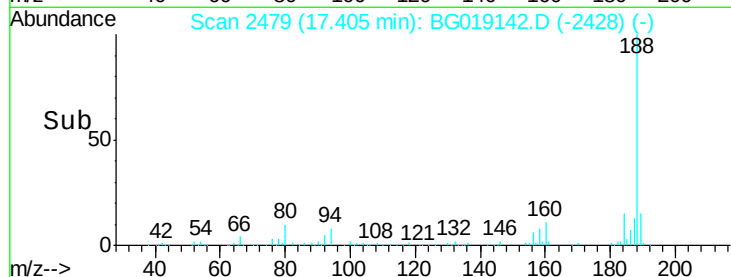
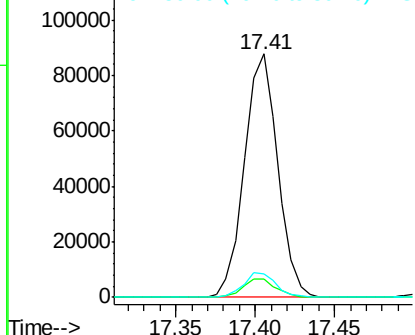
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2479
Delta R.T. -0.00 min
Lab File: BG019142.D
Acq: 11 Oct 2015 6:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 128286
Ion Ratio Lower Upper
188 100
94 7.5 6.4 9.6
80 9.7 7.6 11.4

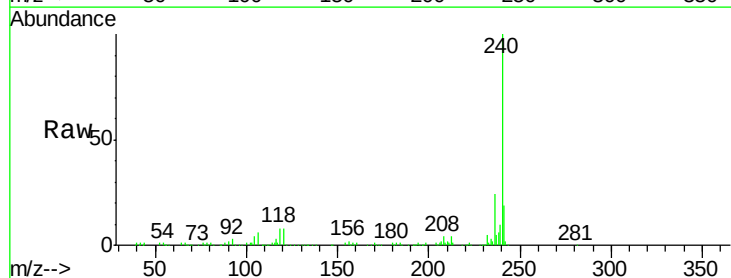


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

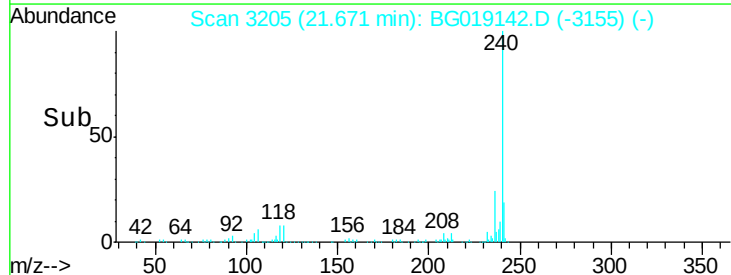
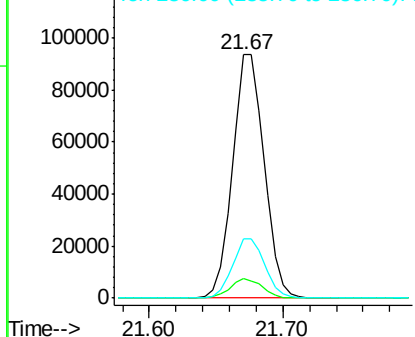


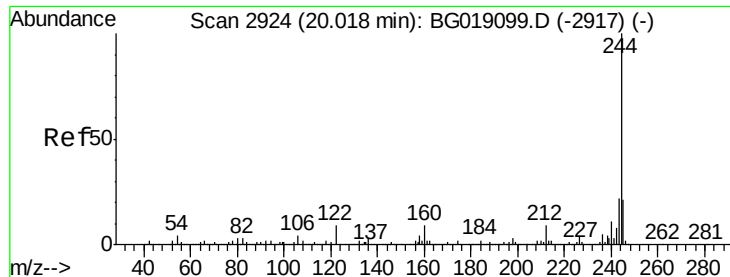
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.67 min Scan# 3205
Delta R.T. -0.01 min
Lab File: BG019142.D
Acq: 11 Oct 2015 6:41

Tgt Ion:240 Resp: 153691
Ion Ratio Lower Upper
240 100
120 8.1 5.8 8.6
236 24.5 21.2 31.8



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: 105.65 ng

RT: 20.02 min Scan# 2924

Delta R.T. 0.00 min

Lab File: BG019142.D

Acq: 11 Oct 2015 6:41

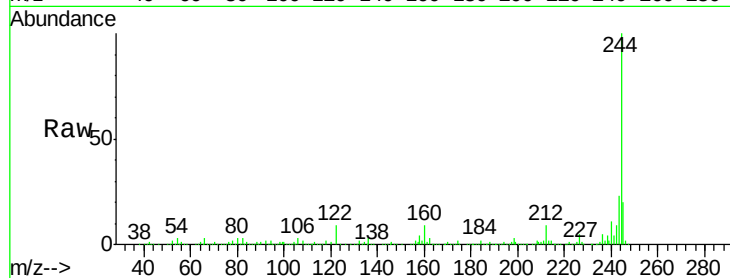
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 614721

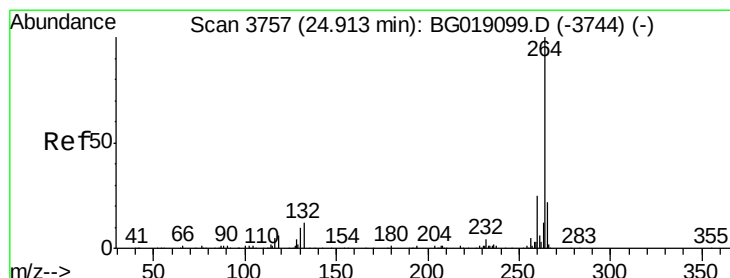
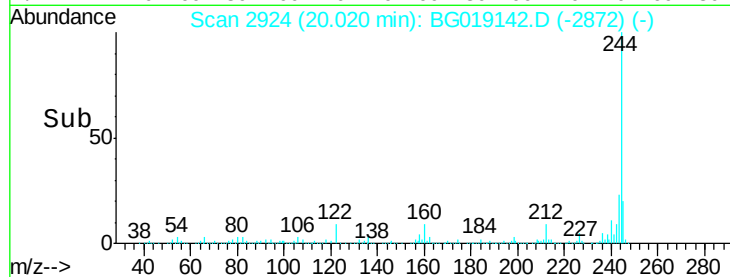
Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.8	10.2
122	8.7	7.4	11.2



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: 24.90 min Scan# 3754

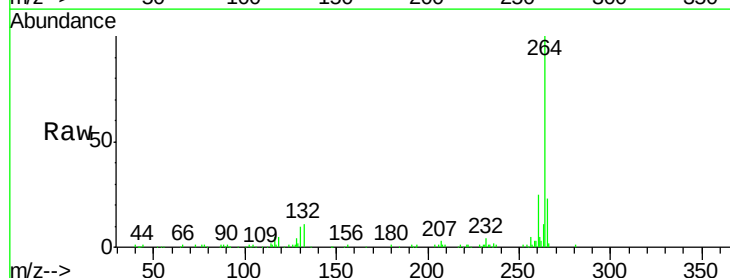
Delta R.T. -0.01 min

Lab File: BG019142.D

Acq: 11 Oct 2015 6:41

Tgt Ion:264 Resp: 148825

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.1	30.1
265	22.8	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

