

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110116\
 Data File : BG024615.D
 Acq On : 2 Nov 2016 6:22
 Operator : UM/SJ
 Sample : H5489-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-69-0.5-1.0

Quant Time: Nov 02 07:20:24 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

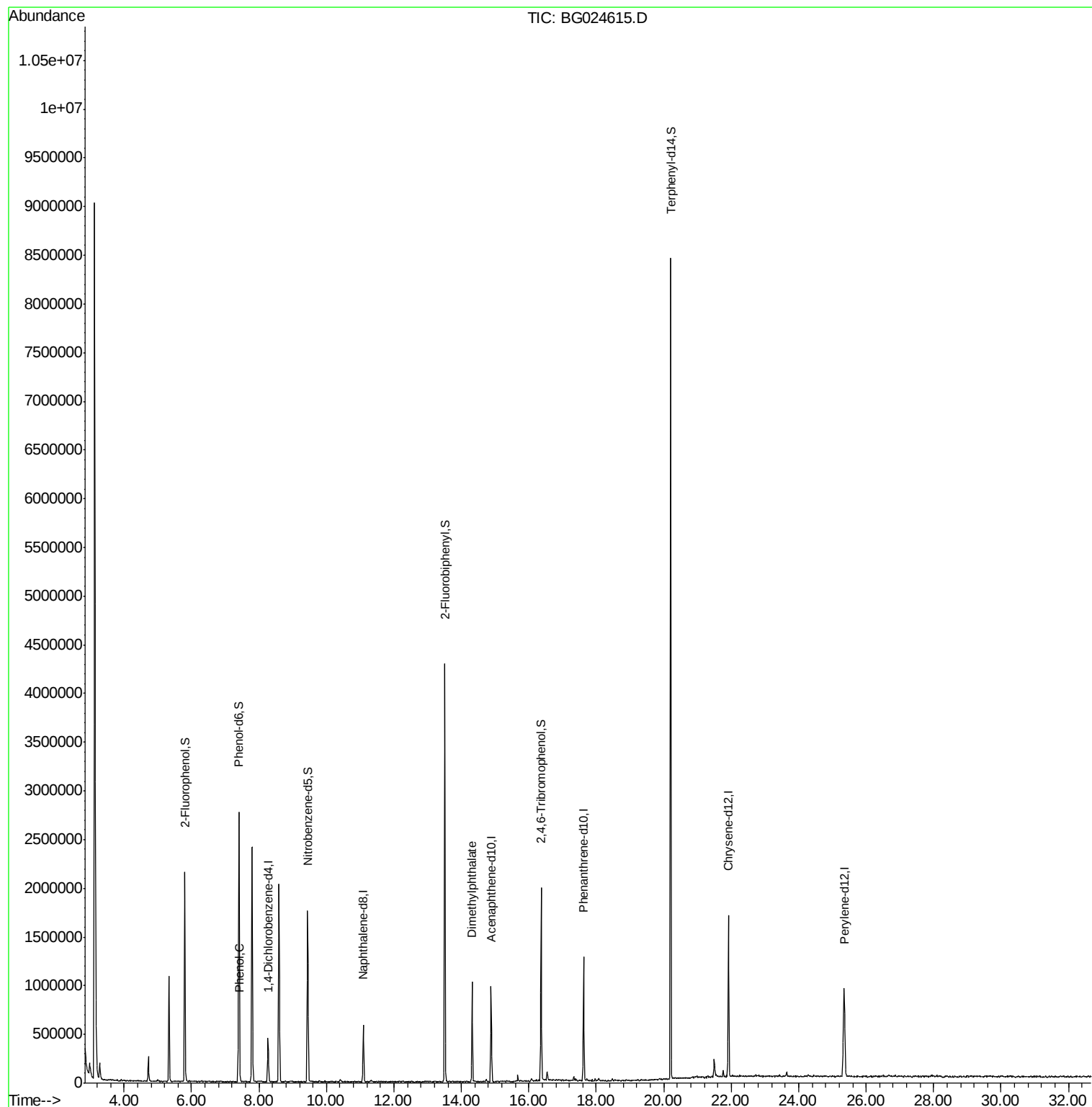
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	119806	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	475831	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	362476	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	800399	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1101492	20.00	ng	-0.01
86) Perylene-d12	25.35	264	1148426	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	862439	117.98	ng	0.00
7) Phenol-d6	7.40	99	1501271	149.72	ng	0.00
23) Nitrobenzene-d5	9.44	82	1107609	105.98	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	404523	74.70	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	2113249	96.90	ng	0.00
78) Terphenyl-d14	20.21	244	3410029	92.51	ng	0.00
Target Compounds						
10) Phenol	7.43	94	24549	2.38	ng	84
49) Dimethylphthalate	14.32	163	644955	25.06	ng	99

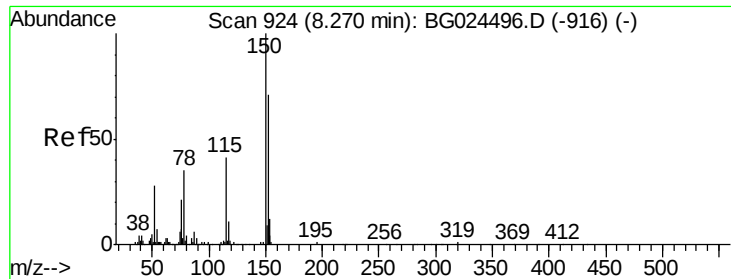
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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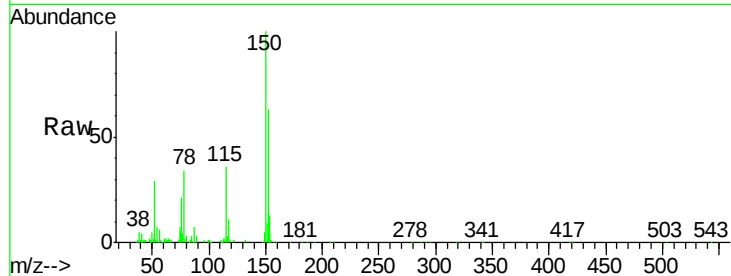


#1

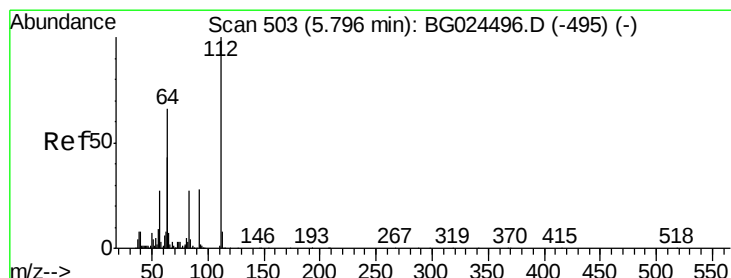
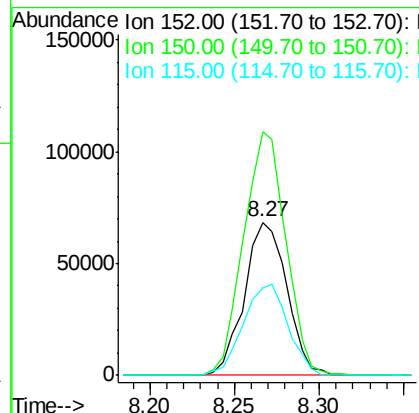
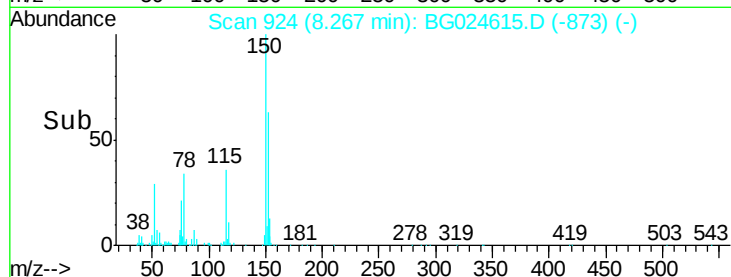
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG024615.D
Acq: 2 Nov 2016 6:22

Instrument :
BNA_G
ClientSampleId :
SB-69-0.5-1.0

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	114.0	171.0
115	57.0	48.1	72.1



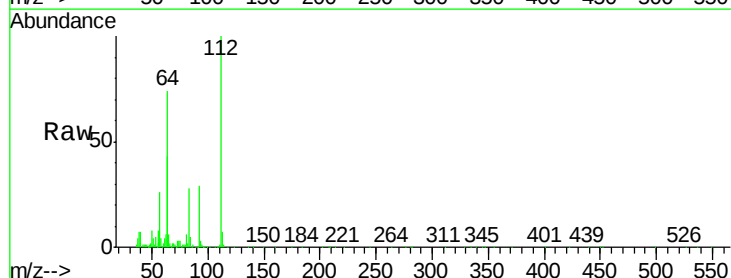
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



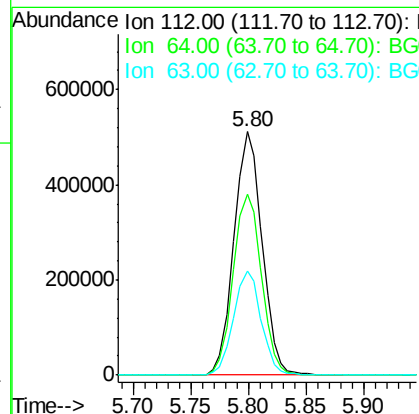
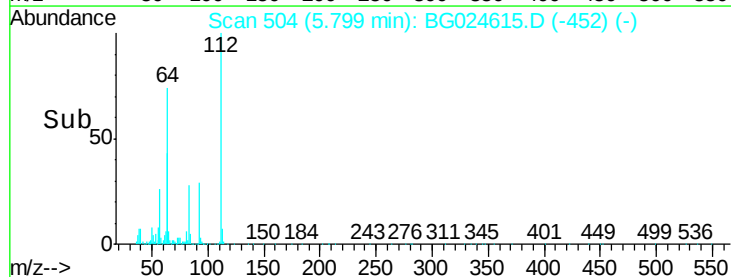
#5

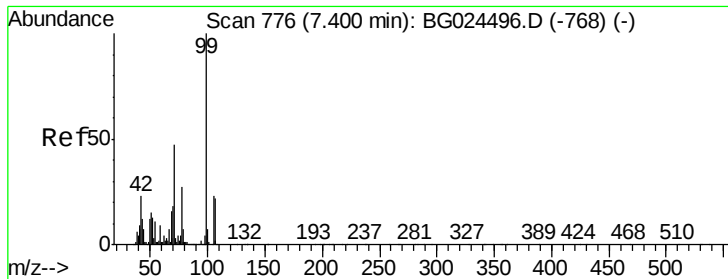
2-Fluorophenol
Concen: 117.98 ng
RT: 5.80 min Scan# 504
Delta R.T. 0.00 min
Lab File: BG024615.D
Acq: 2 Nov 2016 6:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.2	61.8	92.6
63	42.7	37.2	55.8



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: 149.72 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024615.D

Acq: 2 Nov 2016 6:22

Instrument :

BNA_G

ClientSampled :

SB-69-0.5-1.0

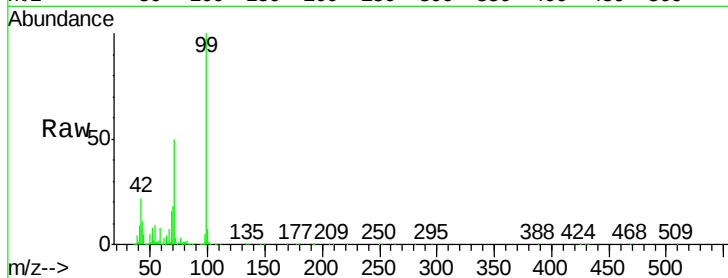
Tot Ion: 99 Resp: 1501271

Ion	Ratio	Lower	Upper
99	100		
42	21.7	20.5	30.7
71	49.6	37.6	56.4

99 100

42 21.7 20.5 30.7

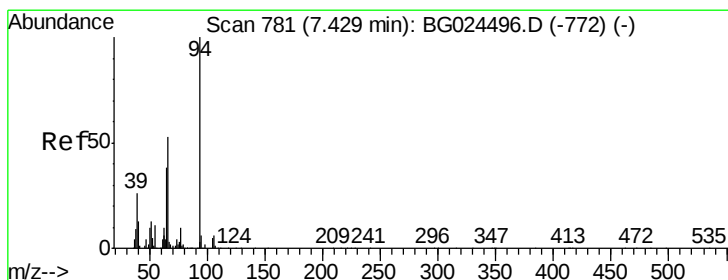
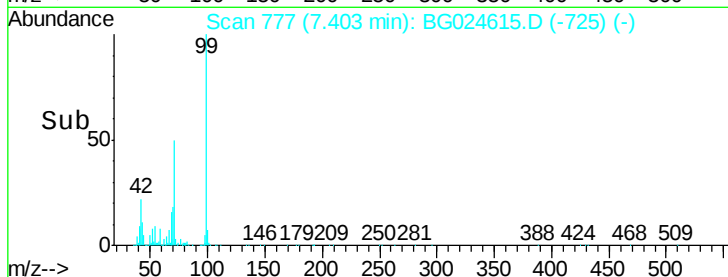
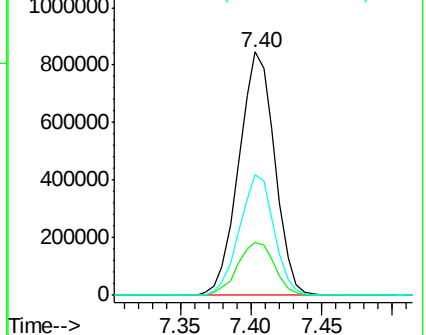
71 49.6 37.6 56.4



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: 2.38 ng

RT: 7.43 min Scan# 782

Delta R.T. 0.00 min

Lab File: BG024615.D

Acq: 2 Nov 2016 6:22

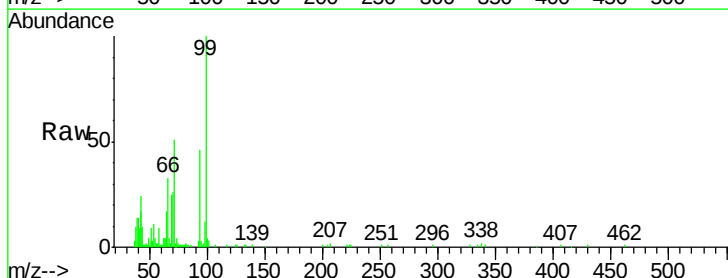
Tgt Ion: 94 Resp: 24549

Ion	Ratio	Lower	Upper
94	100		
65	36.0	20.6	60.6
66	72.1	35.5	75.5

94 100

65 36.0 20.6 60.6

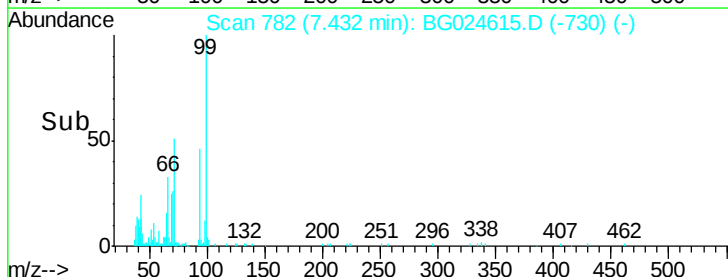
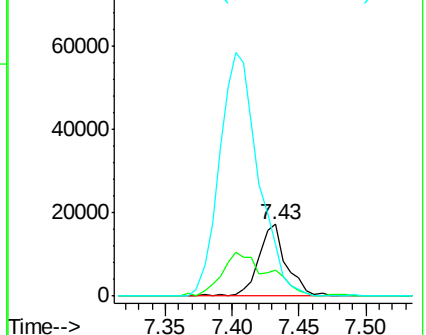
66 72.1 35.5 75.5



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

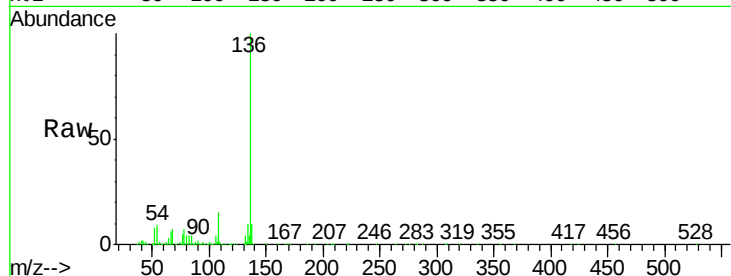




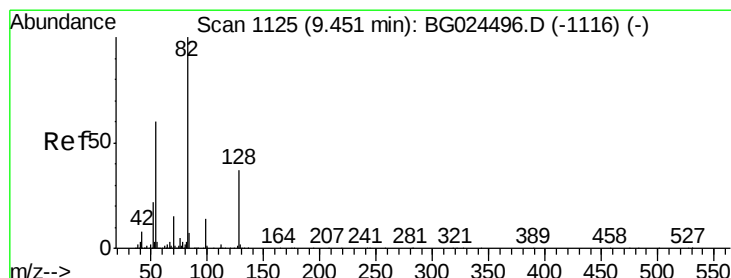
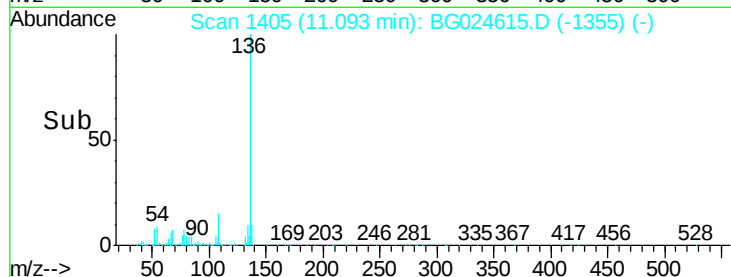
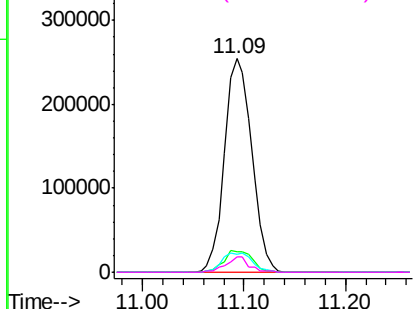
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024615.D
Acq: 2 Nov 2016 6:22

Instrument :
BNA_G
ClientSampleId :
SB-69-0.5-1.0

Tot Ion:136	Resp:	475831
Ion	Ratio	Lower Upper
136	100	
137	9.7	8.9 13.3
54	8.6	9.3 13.9#
68	7.5	5.1 7.7

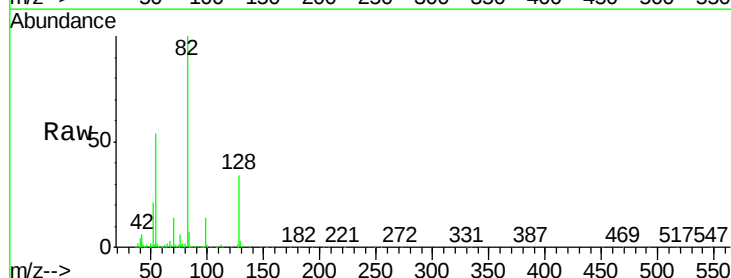


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

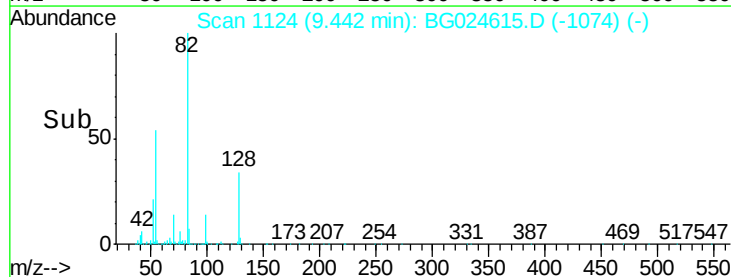
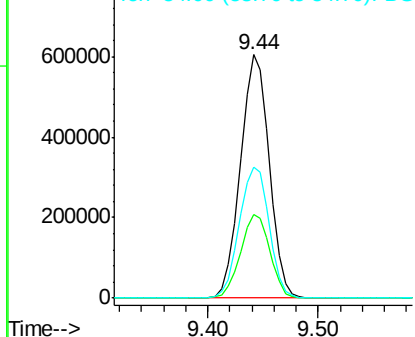


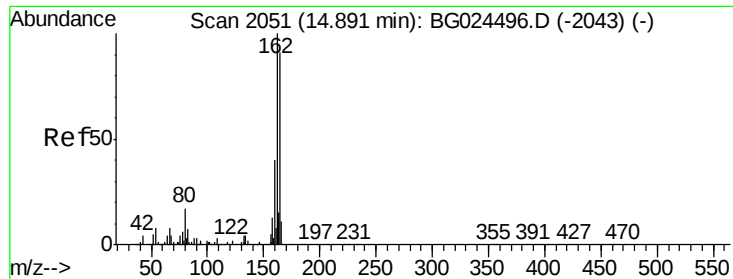
#23
Nitrobenzene-d5
Concen: 105.98 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024615.D
Acq: 2 Nov 2016 6:22

Tgt Ion: 82	Resp:	1107609
Ion	Ratio	Lower Upper
82	100	
128	34.3	26.4 39.6
54	53.9	49.4 74.2



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: 20.00 ng

RT: 14.88 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BG024615.D

Acq: 2 Nov 2016 6:22

Instrument :

BNA_G

ClientSampleId :

SB-69-0.5-1.0

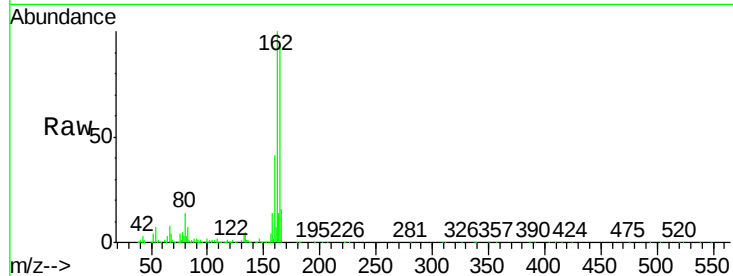
Tot Ion:164 Resp: 362476

Ion Ratio Lower Upper

164 100

162 105.9 85.1 127.7

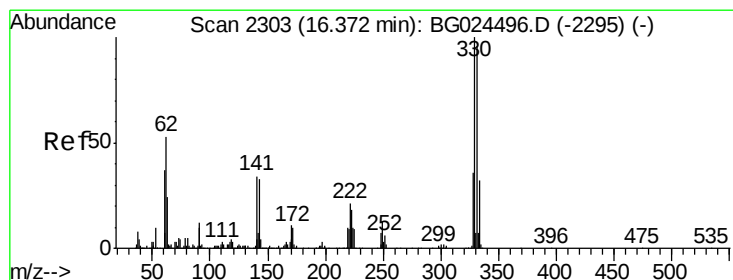
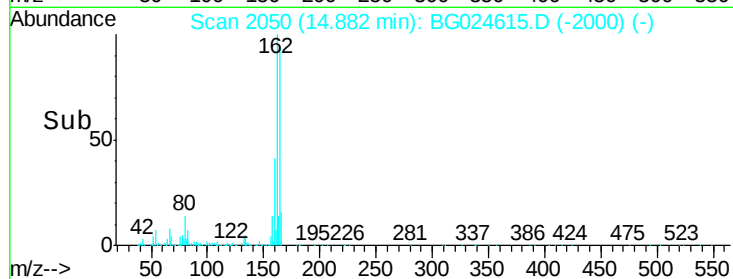
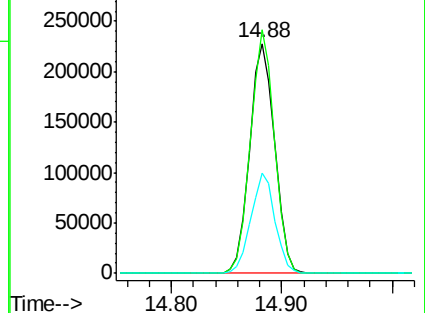
160 43.9 34.7 52.1



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: 74.70 ng

RT: 16.36 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG024615.D

Acq: 2 Nov 2016 6:22

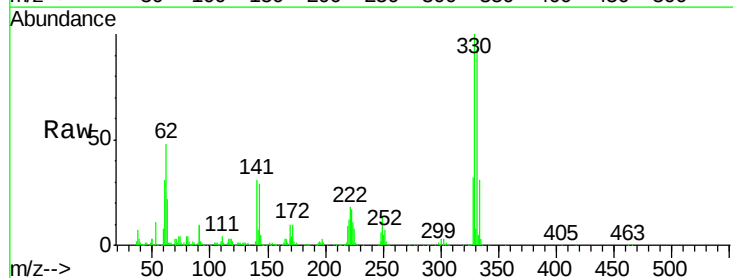
Tgt Ion:330 Resp: 404523

Ion Ratio Lower Upper

330 100

332 96.1 77.3 115.9

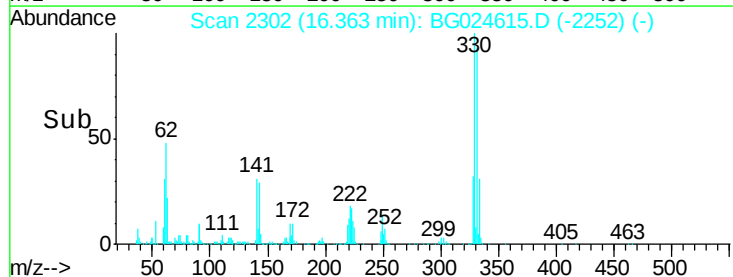
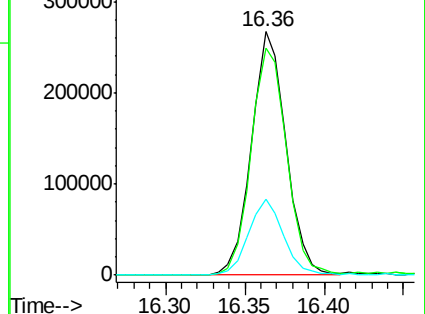
141 31.9 32.1 48.1#



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

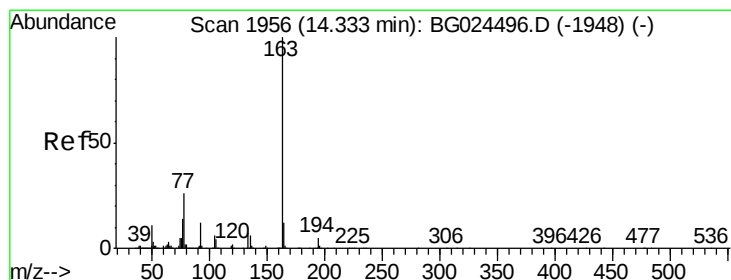
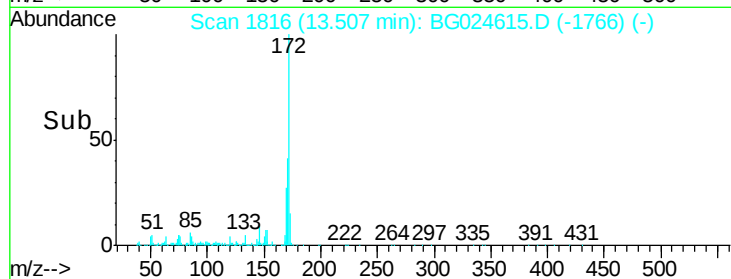
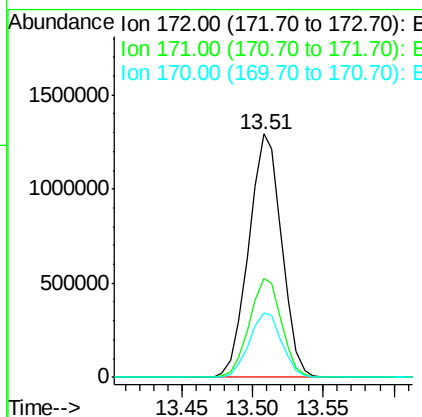
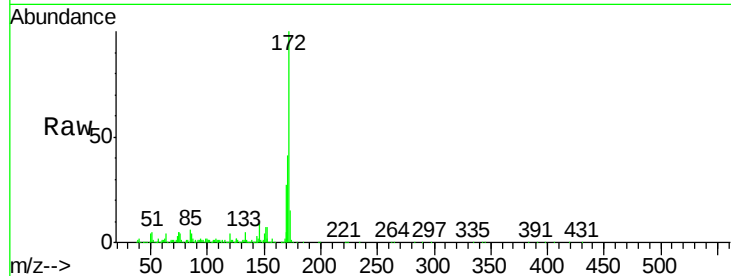




#44
2-Fluorobiphenyl
Concen: 96.90 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024615.D
Acq: 2 Nov 2016 6:22

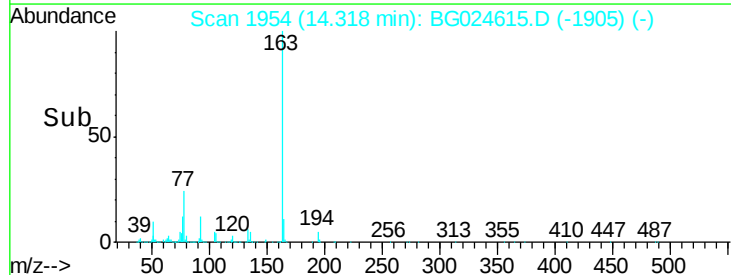
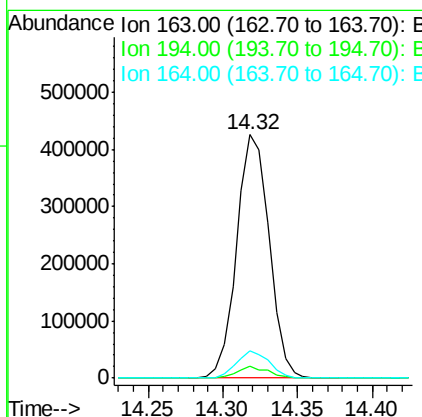
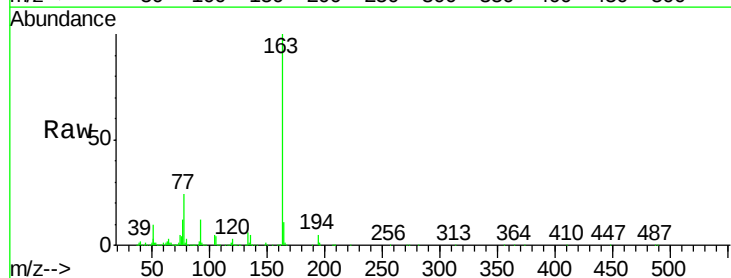
Instrument :
BNA_G
ClientSampleId :
SB-69-0.5-1.0

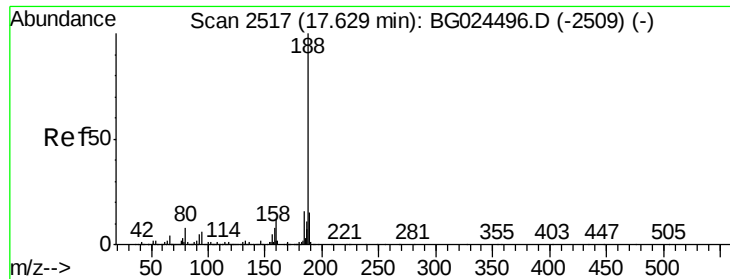
Tot Ion:172 Resp: 2113249
Ion Ratio Lower Upper
172 100
171 40.5 32.2 48.2
170 26.7 21.8 32.6



#49
Dimethylphthalate
Concen: 25.06 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG024615.D
Acq: 2 Nov 2016 6:22

Tgt Ion:163 Resp: 644955
Ion Ratio Lower Upper
163 100
194 5.0 3.8 5.6
164 11.0 9.3 13.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.63 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BG024615.D

Acq: 2 Nov 2016 6:22

Instrument :

BNA_G

ClientSampleId :

SB-69-0.5-1.0

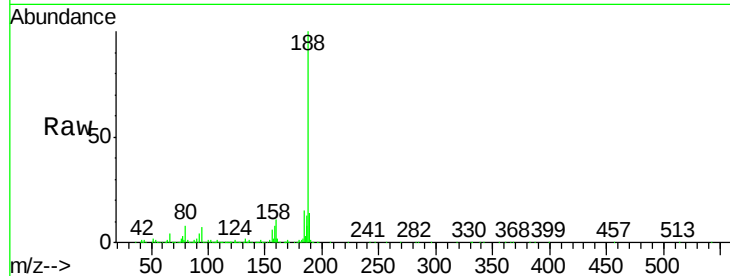
Tot Ion:188 Resp: 800399

Ion Ratio Lower Upper

188 100

94 6.6 5.8 8.8

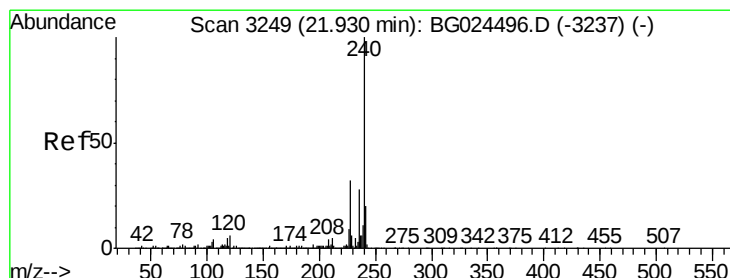
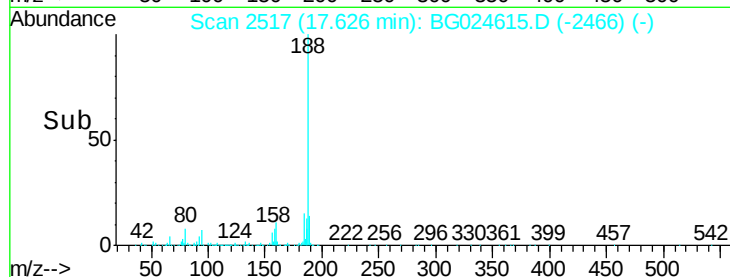
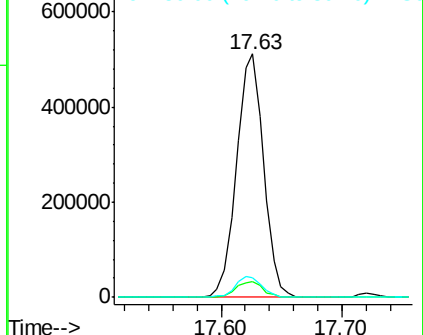
80 8.2 7.5 11.3



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: 21.92 min Scan# 3247

Delta R.T. -0.01 min

Lab File: BG024615.D

Acq: 2 Nov 2016 6:22

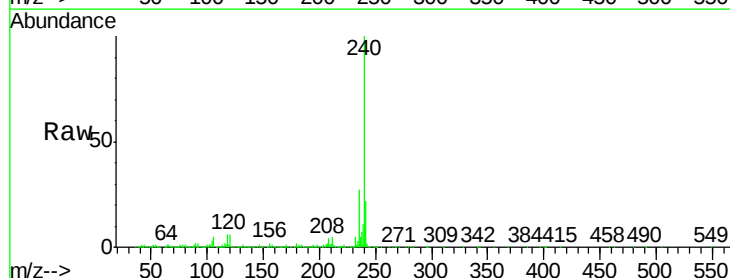
Tgt Ion:240 Resp: 1101492

Ion Ratio Lower Upper

240 100

120 6.2 5.7 8.5

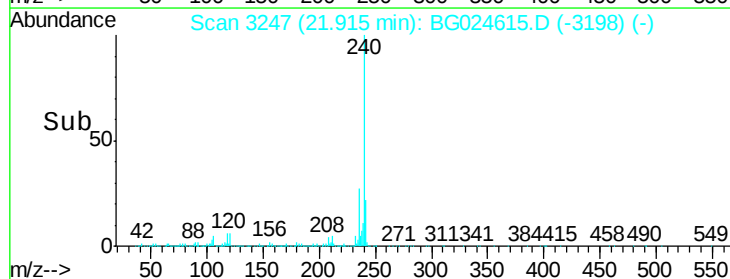
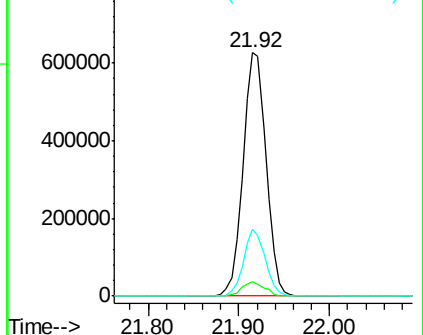
236 27.3 22.2 33.4

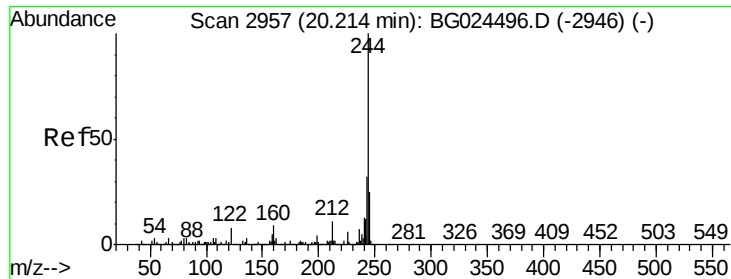


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 92.51 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024615.D

Acq: 2 Nov 2016 6:22

Instrument :

BNA_G

ClientSampleId :

SB-69-0.5-1.0

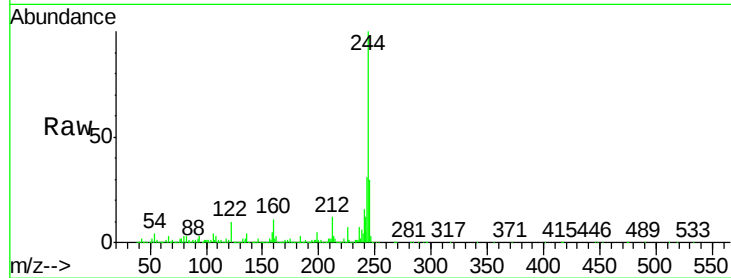
Tot Ion:244 Resp: 3410029

Ion	Ratio	Lower	Upper
244	100		
212	12.1	10.0	15.0
122	10.1	8.6	12.8

244 100

212 12.1 10.0 15.0

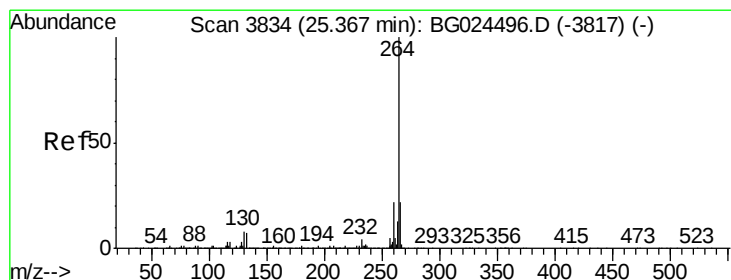
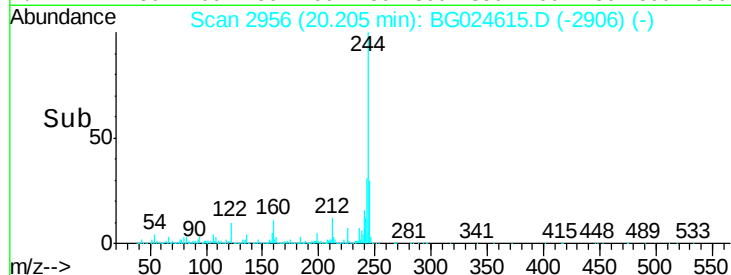
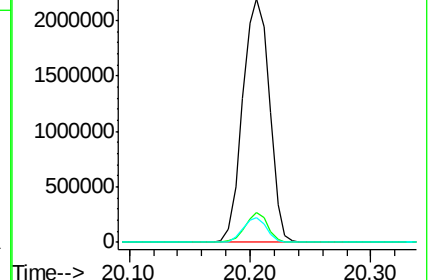
122 10.1 8.6 12.8



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: 25.35 min Scan# 3832

Delta R.T. -0.01 min

Lab File: BG024615.D

Acq: 2 Nov 2016 6:22

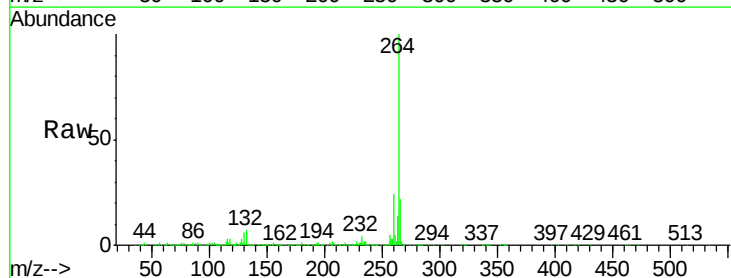
Tgt Ion:264 Resp: 1148426

Ion	Ratio	Lower	Upper
264	100		
260	23.6	21.8	32.8
265	22.0	18.2	27.4

264 100

260 23.6 21.8 32.8

265 22.0 18.2 27.4



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

