

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110116\
 Data File : BG024612.D
 Acq On : 2 Nov 2016 4:26
 Operator : UM/SJ
 Sample : H5489-19
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-76-17.5-18.0

Quant Time: Nov 02 07:19:50 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

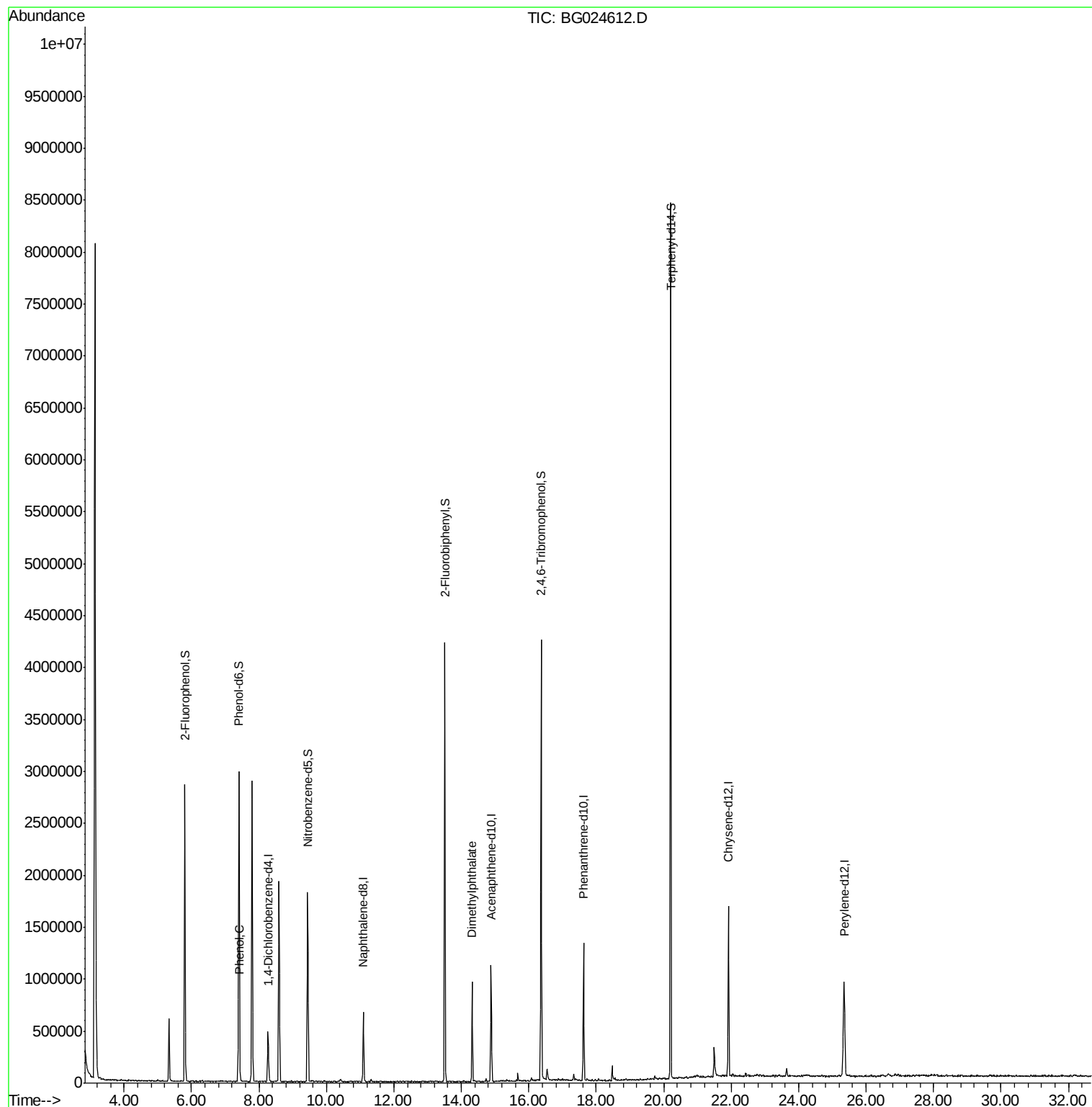
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	135273	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	524754	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	398400	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	869073	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1113410	20.00	ng	0.00
86) Perylene-d12	25.35	264	1161685	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.81	112	1155849	140.04	ng	0.00
7) Phenol-d6	7.40	99	1663185	146.91	ng	0.00
23) Nitrobenzene-d5	9.44	82	1160663	100.70	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	892636	149.97	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	2057056	85.82	ng	0.00
78) Terphenyl-d14	20.21	244	3294508	88.42	ng	0.00
Target Compounds						
10) Phenol	7.43	94	28912	2.48	ng	Qvalue # 81
49) Dimethylphthalate	14.32	163	622666	22.02	ng	96

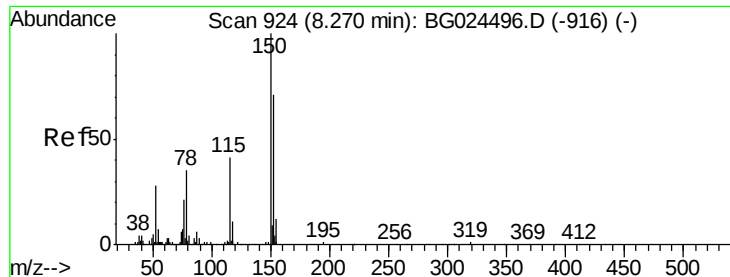
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110116\
Data File : BG024612.D
Acq On : 2 Nov 2016 4:26
Operator : UM/SJ
Sample : H5489-19
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-76-17.5-18.0

Quant Time: Nov 02 07:19:50 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 925

Delta R.T. 0.00 min

Lab File: BG024612.D

Acq: 2 Nov 2016 4:26

Instrument :

BNA_G

ClientSampleId :

SB-76-17.5-18.0

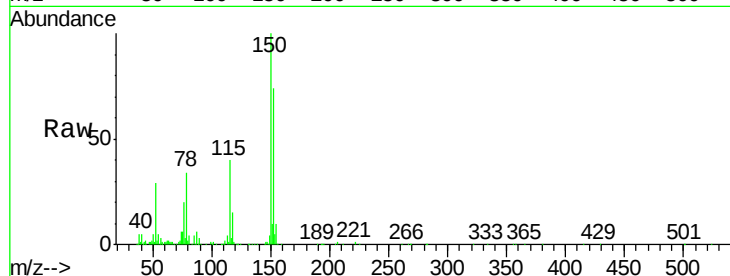
Tot Ion:152 Resp: 135273

Ion Ratio Lower Upper

152 100

150 135.2 114.0 171.0

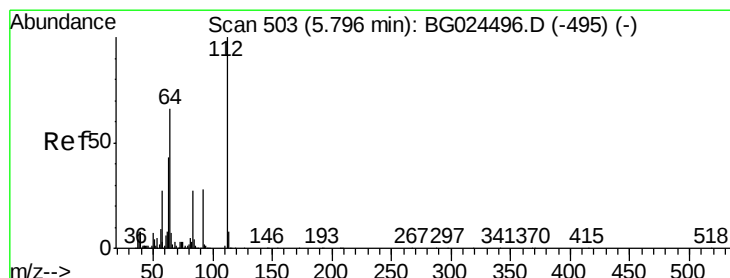
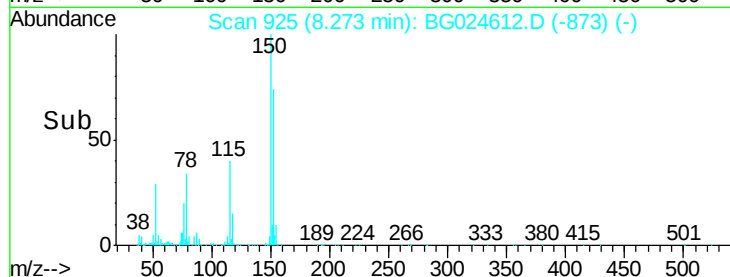
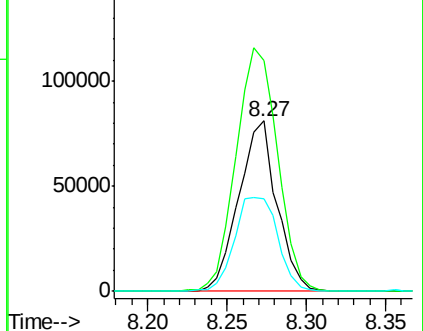
115 54.2 48.1 72.1



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: 140.04 ng

RT: 5.81 min Scan# 505

Delta R.T. 0.01 min

Lab File: BG024612.D

Acq: 2 Nov 2016 4:26

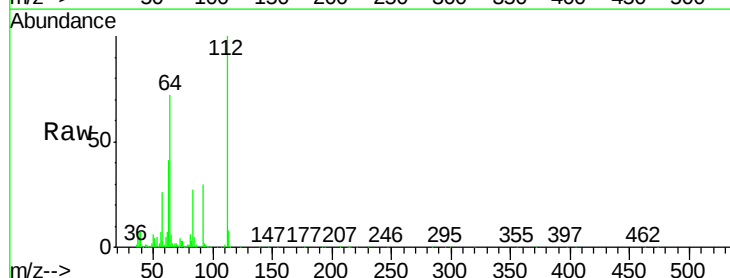
Tgt Ion:112 Resp: 1155849

Ion Ratio Lower Upper

112 100

64 72.3 61.8 92.6

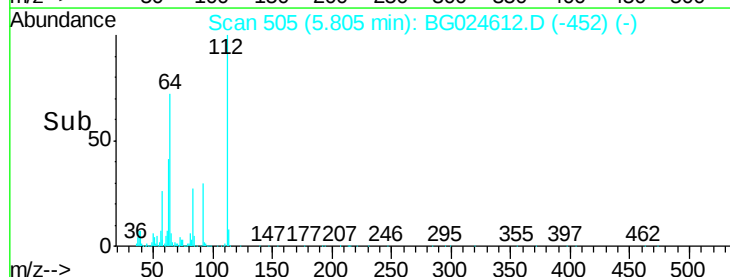
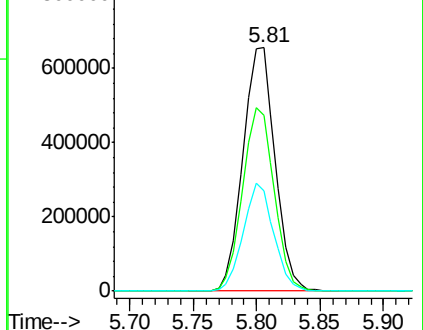
63 41.1 37.2 55.8

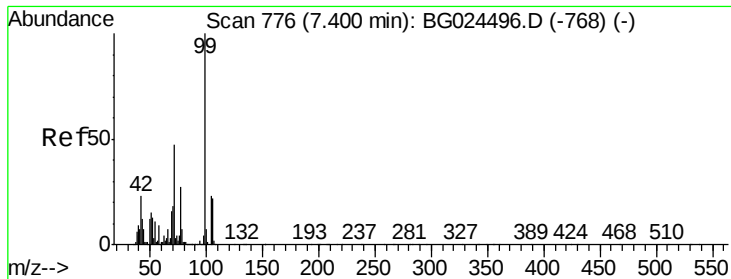


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 146.91 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024612.D

Acq: 2 Nov 2016 4:26

Instrument :

BNA_G

ClientSampleId :

SB-76-17.5-18.0

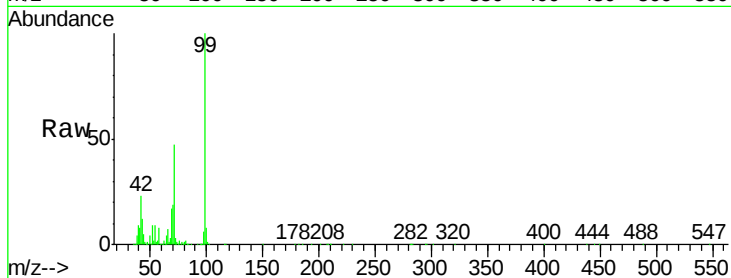
Tot Ion: 99 Resp: 1663185

Ion	Ratio	Lower	Upper
99	100		
42	22.6	20.5	30.7
71	47.5	37.6	56.4

99 100

42 22.6 20.5 30.7

71 47.5 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

7.40

1200000

1000000

800000

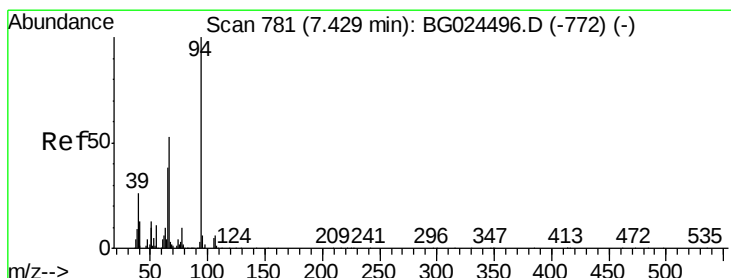
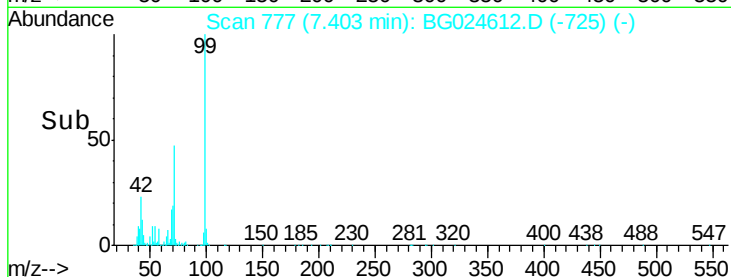
600000

400000

200000

0

Time--> 7.30 7.35 7.40 7.45 7.50



#10

Phenol

Concen: 2.48 ng

RT: 7.43 min Scan# 782

Delta R.T. 0.00 min

Lab File: BG024612.D

Acq: 2 Nov 2016 4:26

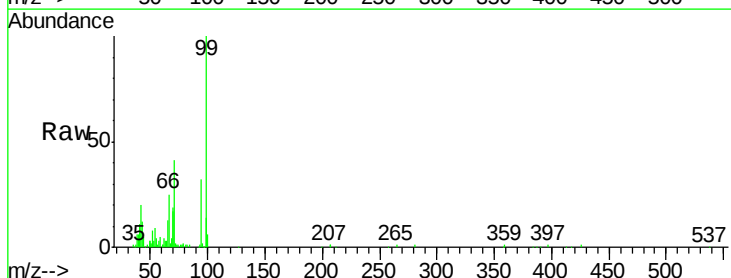
Tgt Ion: 94 Resp: 28912

Ion	Ratio	Lower	Upper
94	100		
65	40.6	20.6	60.6
66	79.1	35.5	75.5

94 100

65 40.6 20.6 60.6

66 79.1 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

80000

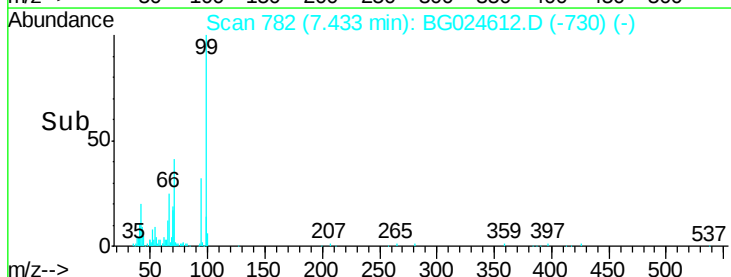
60000

40000

20000

0

Time--> 7.40 7.45 7.50

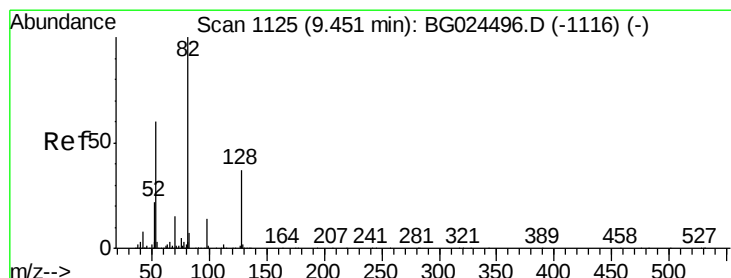
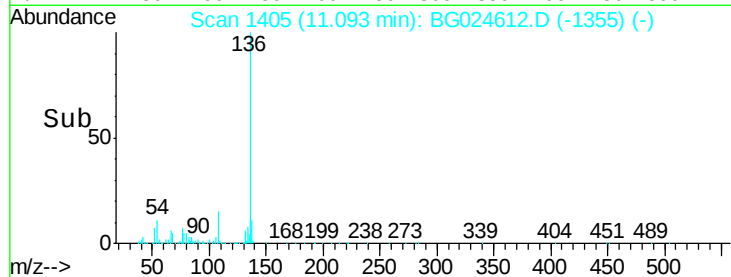
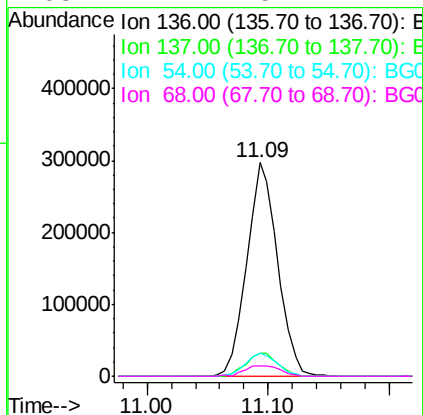
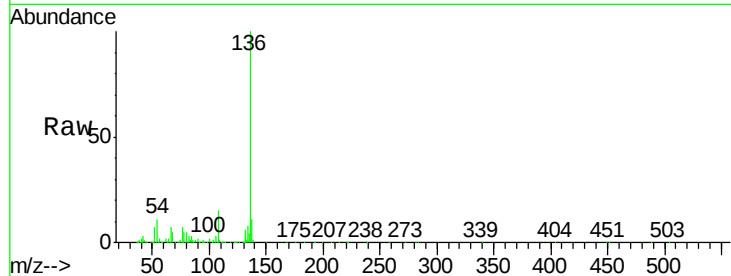




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024612.D
Acq: 2 Nov 2016 4:26

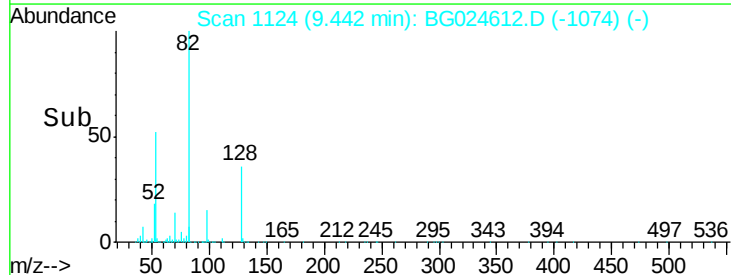
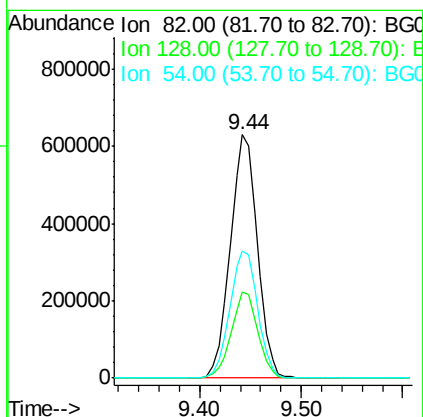
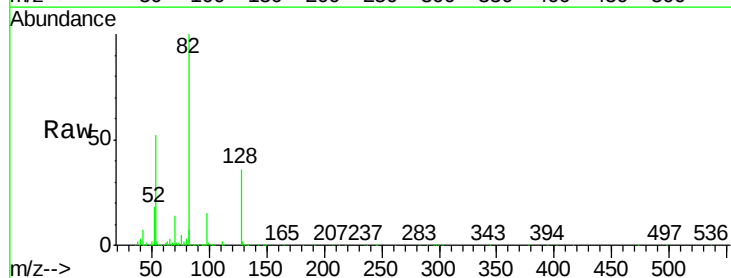
Instrument :
BNA_G
ClientSampleId :
SB-76-17.5-18.0

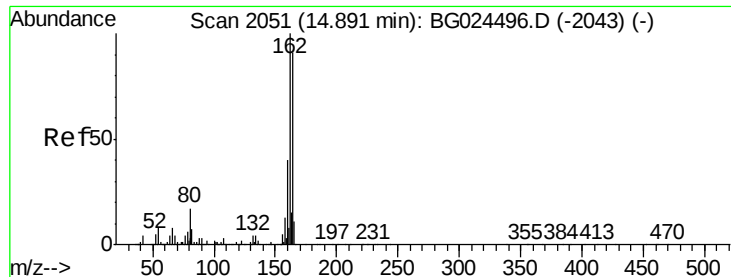
Tot Ion:136	Resp: 524754
Ion Ratio	Lower Upper
136 100	
137 10.9	8.9 13.3
54 10.7	9.3 13.9
68 4.7	5.1 7.7#



#23
Nitrobenzene-d5
Concen: 100.70 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024612.D
Acq: 2 Nov 2016 4:26

Tgt	Ion: 82	Resp: 1160663	
Ion	Ratio	Lower	Upper
82	100		
128	35.5	26.4	39.6
54	52.2	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BG024612.D

Acq: 2 Nov 2016 4:26

Instrument :

BNA_G

ClientSampleId :

SB-76-17.5-18.0

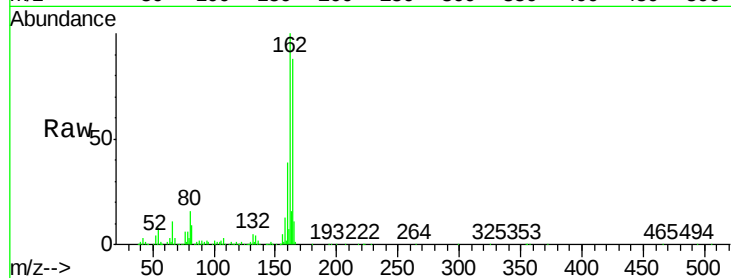
Tot Ion:164 Resp: 398400

Ion Ratio Lower Upper

164 100

162 113.9 85.1 127.7

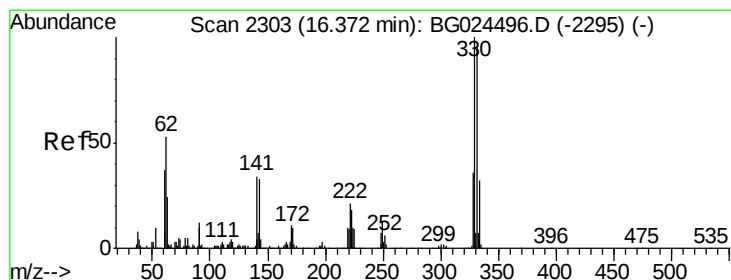
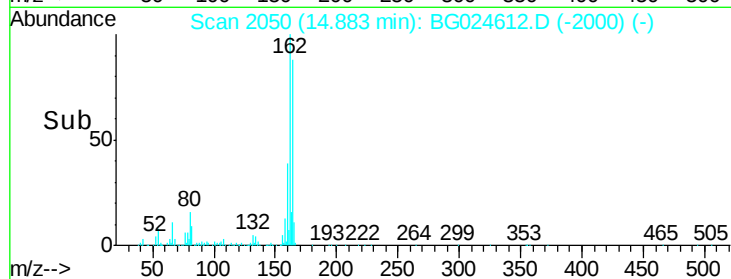
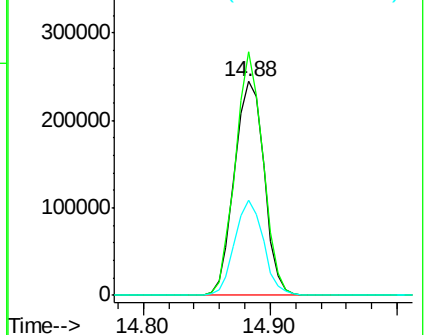
160 44.7 34.7 52.1



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: 149.97 ng

RT: 16.37 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BG024612.D

Acq: 2 Nov 2016 4:26

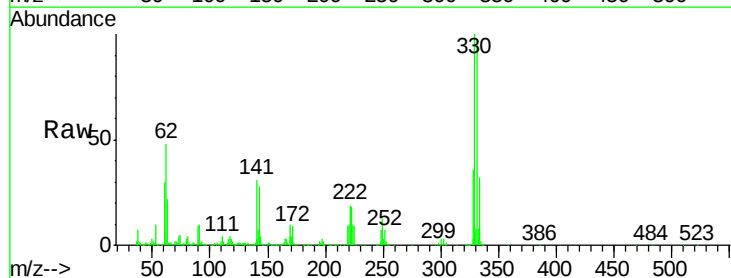
Tgt Ion:330 Resp: 892636

Ion Ratio Lower Upper

330 100

332 96.7 77.3 115.9

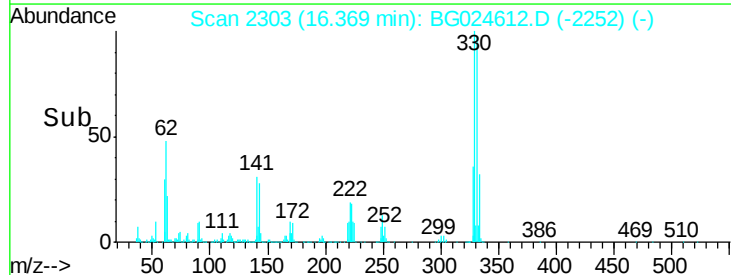
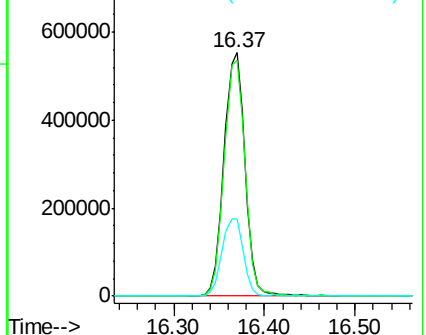
141 32.2 32.1 48.1



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

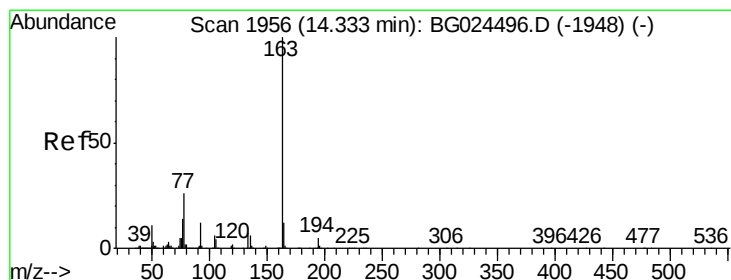
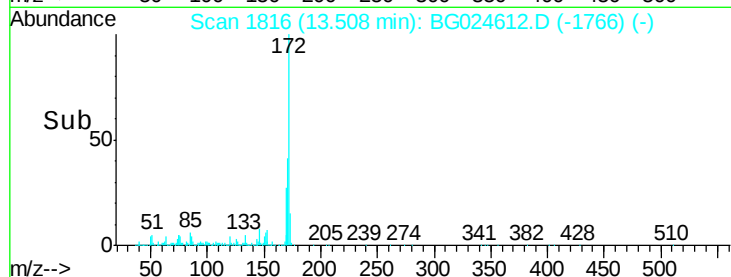
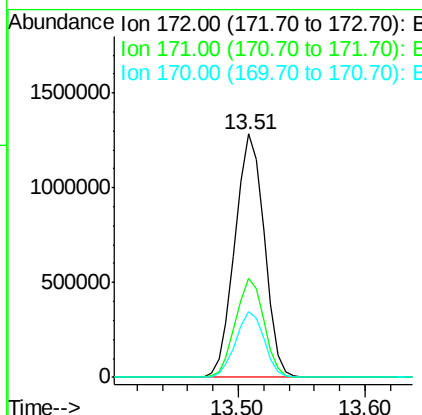
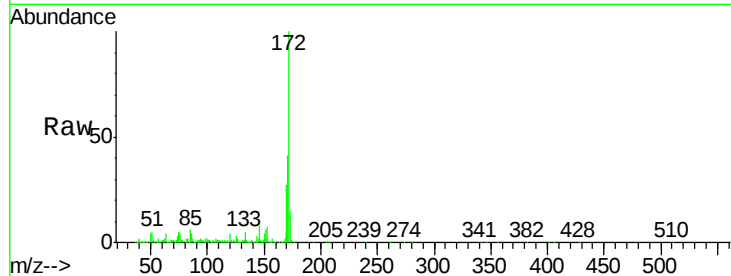




#44
2-Fluorobiphenyl
Concen: 85.82 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024612.D
Acq: 2 Nov 2016 4:26

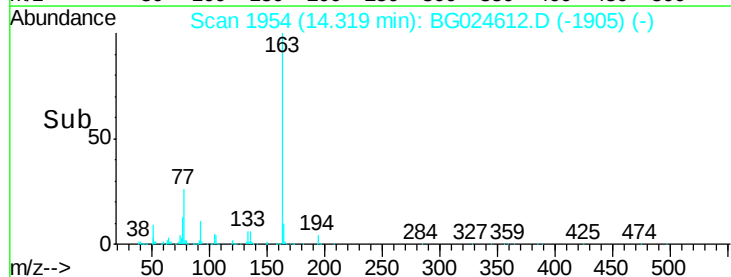
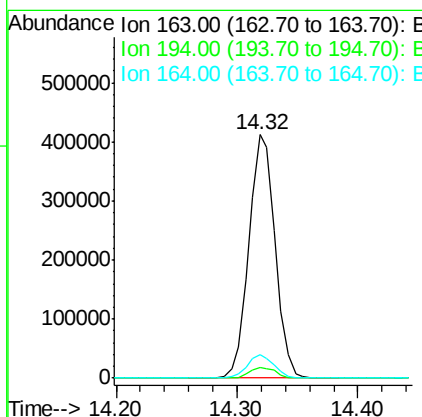
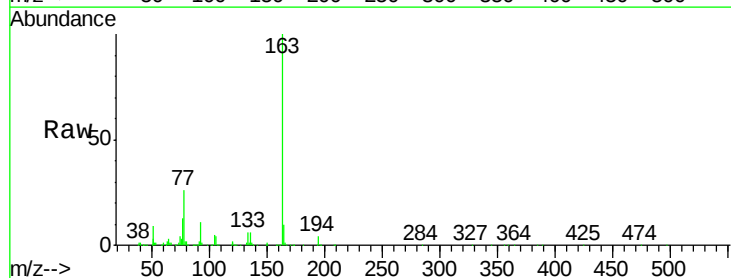
Instrument :
BNA_G
ClientSampleId :
SB-76-17.5-18.0

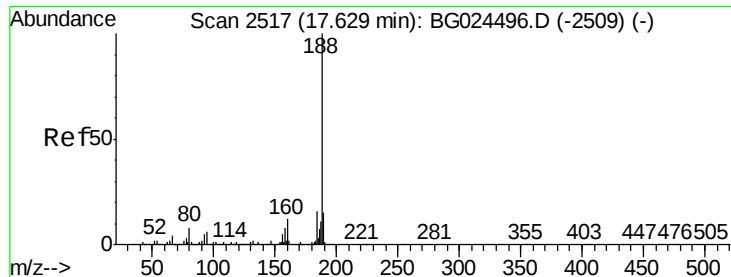
Tot Ion:172 Resp: 2057056
Ion Ratio Lower Upper
172 100
171 40.9 32.2 48.2
170 27.2 21.8 32.6



#49
Dimethylphthalate
Concen: 22.02 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG024612.D
Acq: 2 Nov 2016 4:26

Tgt Ion:163 Resp: 622666
Ion Ratio Lower Upper
163 100
194 4.2 3.8 5.6
164 9.8 9.3 13.9

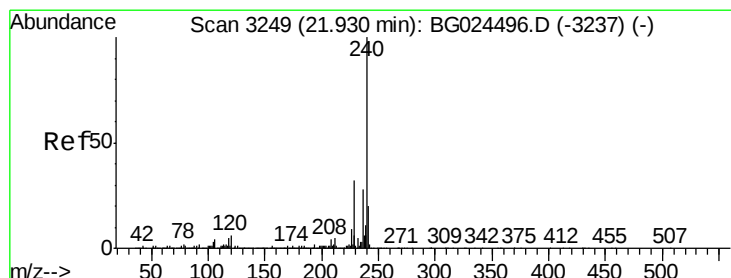
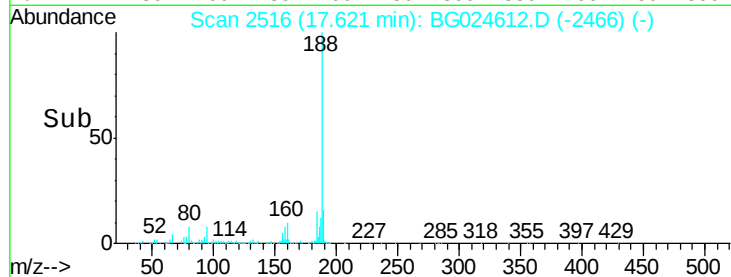
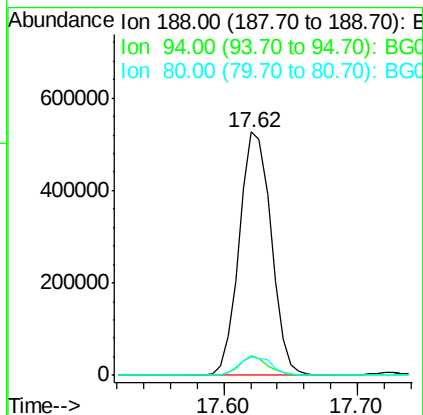
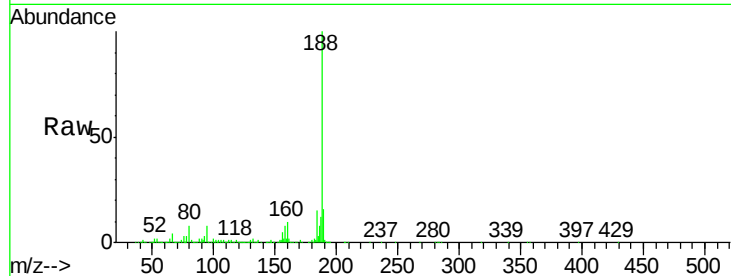




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BG024612.D
Acq: 2 Nov 2016 4:26

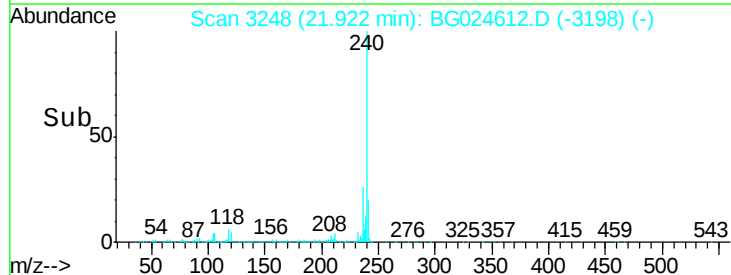
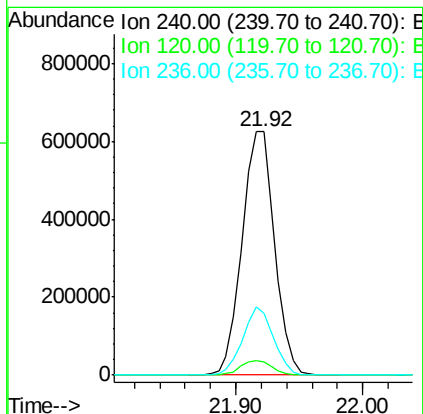
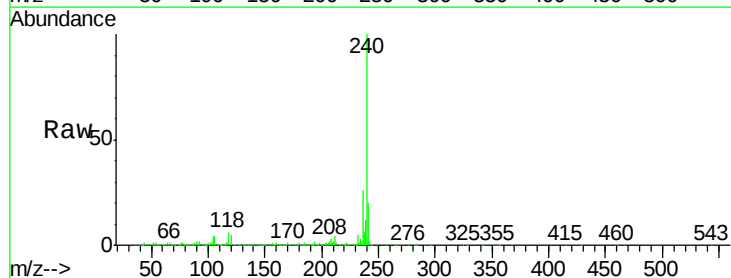
Instrument :
BNA_G
ClientSampleId :
SB-76-17.5-18.0

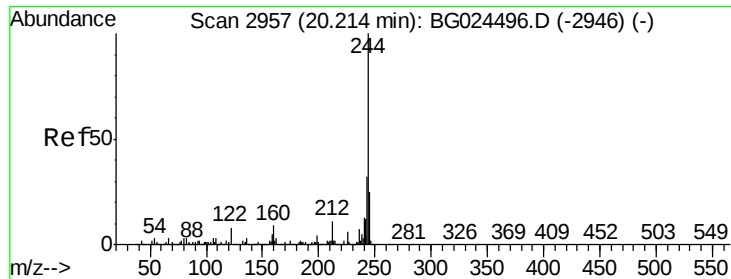
Tot Ion:188 Resp: 869073
Ion Ratio Lower Upper
188 100
94 7.9 5.8 8.8
80 7.8 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3248
Delta R.T. -0.01 min
Lab File: BG024612.D
Acq: 2 Nov 2016 4:26

Tgt Ion:240 Resp: 1113410
Ion Ratio Lower Upper
240 100
120 5.4 5.7 8.5#
236 25.6 22.2 33.4





#78

Terphenyl-d14

Concen: 88.42 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024612.D

Acq: 2 Nov 2016 4:26

Instrument :

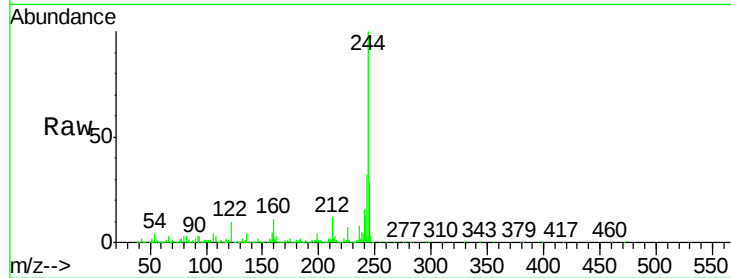
BNA_G

ClientSampleId :

SB-76-17.5-18.0

Tot Ion:244 Resp: 3294508

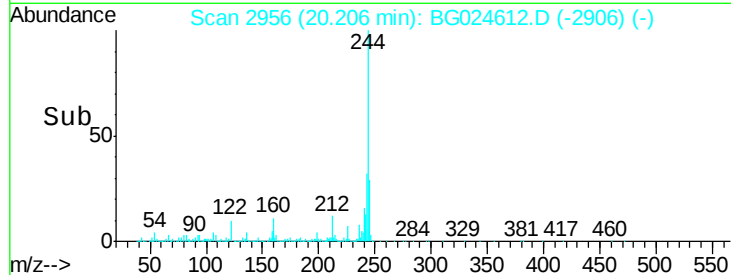
Ion	Ratio	Lower	Upper
244	100		
212	12.4	10.0	15.0
122	10.1	8.6	12.8



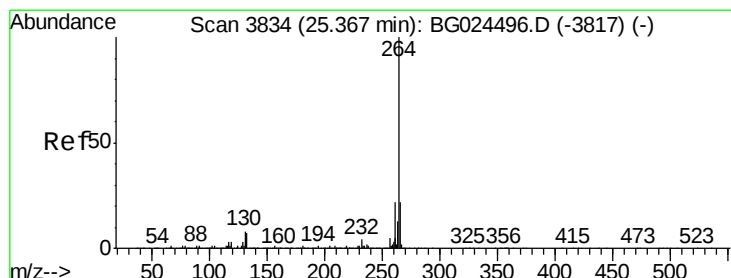
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 20.10 20.20 20.30



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.35 min Scan# 3831

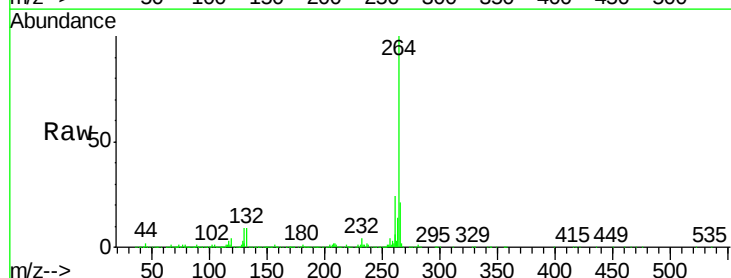
Delta R.T. -0.02 min

Lab File: BG024612.D

Acq: 2 Nov 2016 4:26

Tgt Ion:264 Resp: 1161685

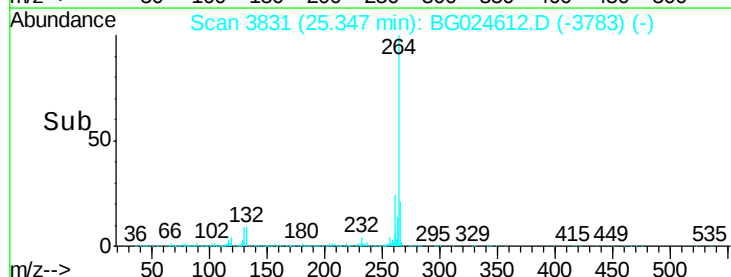
Ion	Ratio	Lower	Upper
264	100		
260	23.5	21.8	32.8
265	21.0	18.2	27.4



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



Time--> 25.20 25.30 25.40