

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011217\
 Data File : BG025490.D
 Acq On : 12 Jan 2017 20:14
 Operator : UM/SJ
 Sample : I1031-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-0022

Quant Time: Jan 13 01:17:54 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 11:26:22 2017
 Response via : Initial Calibration

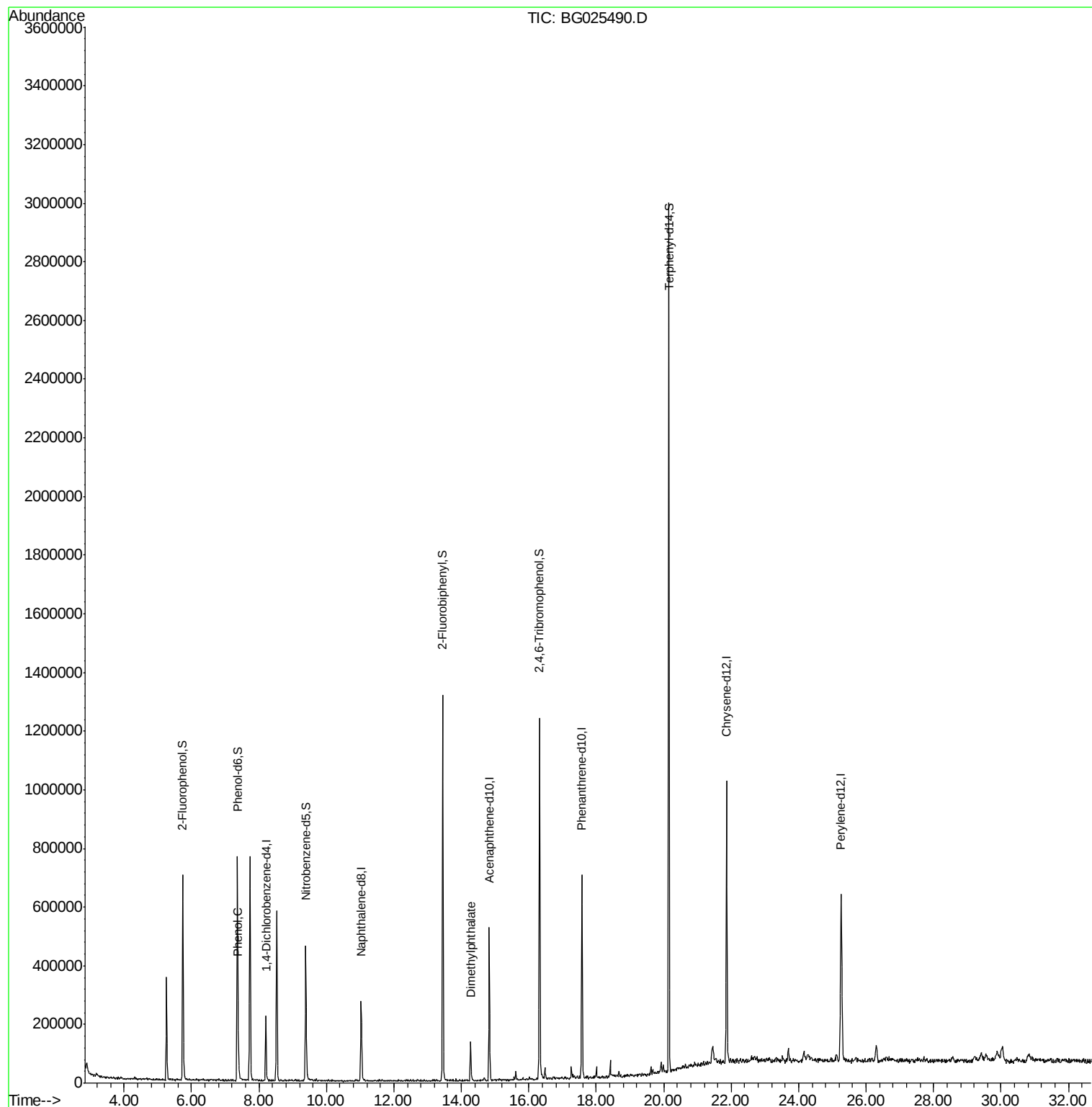
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	56139	20.00	ng	0.01
21) Naphthalene-d8	11.03	136	230748	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	192451	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	436335	20.00	ng	0.00
75) Chrysene-d12	21.86	240	632186	20.00	ng	0.00
86) Perylene-d12	25.26	264	685637	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	274140	88.76	ng	0.00
7) Phenol-d6	7.36	99	415344	95.49	ng	0.00
23) Nitrobenzene-d5	9.39	82	313354	59.99	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	256798	82.88	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	665296	55.97	ng	0.00
78) Terphenyl-d14	20.15	244	1238501	51.94	ng	0.00
Target Compounds						
10) Phenol	7.39	94	23483	4.87	ng	89
49) Dimethylphthalate	14.27	163	98155	7.00	ng	96

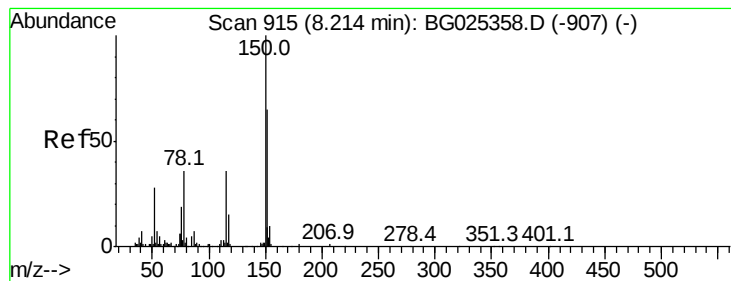
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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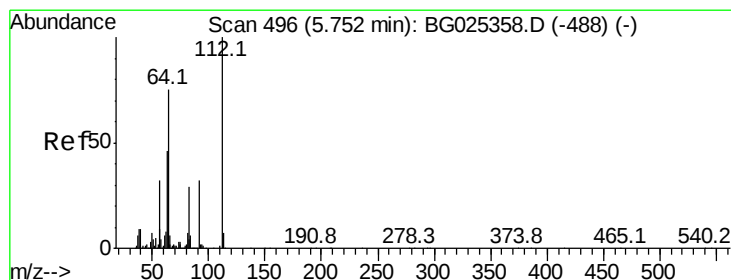
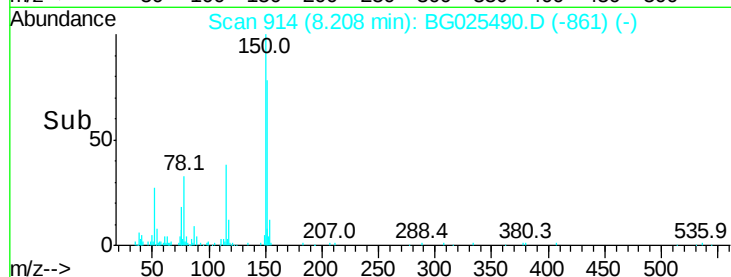
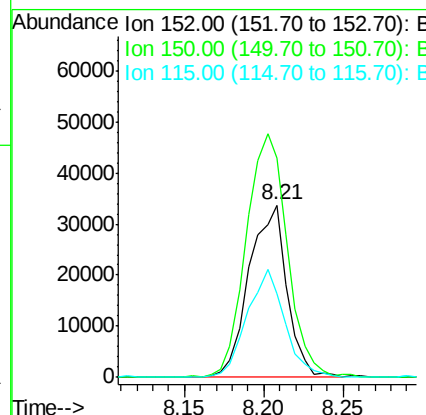
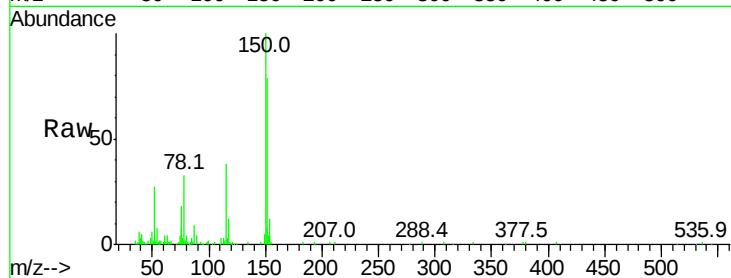


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 914
Delta R.T. 0.01 min
Lab File: BG025490.D
Acq: 12 Jan 2017 20:14

Instrument :
BNA_G
ClientSampleId :
COMP-0022

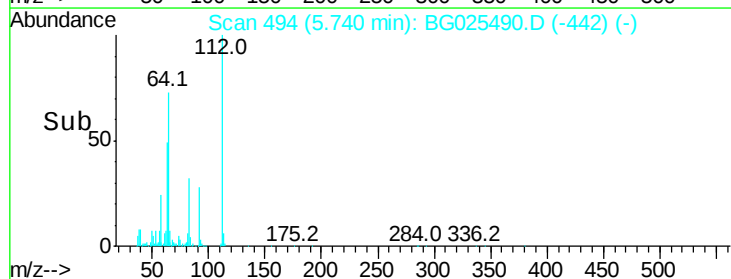
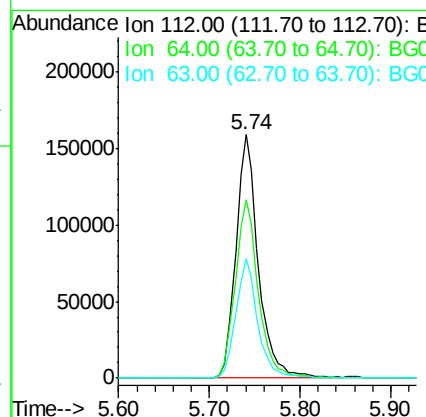
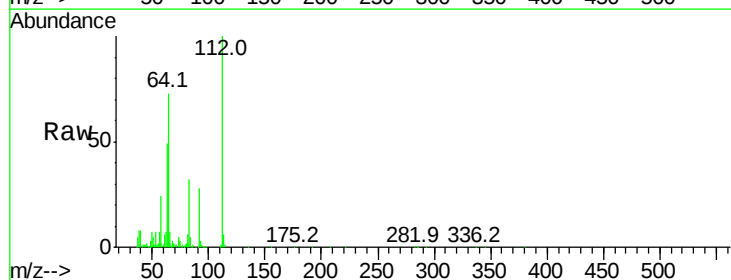
Tot Ion	Ratio	Lower	Upper
152	100		
150	127.3	114.0	171.0
115	48.8	48.1	72.1

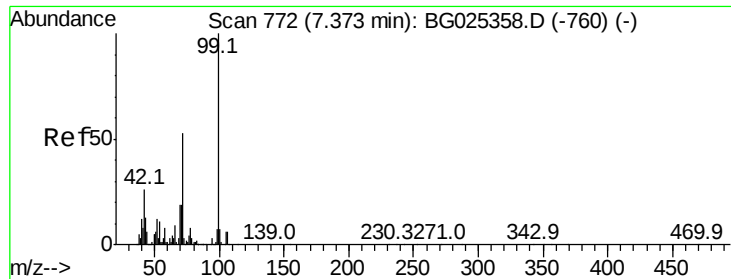


#5

2-Fluorophenol
Concen: 88.76 ng
RT: 5.74 min Scan# 494
Delta R.T. 0.01 min
Lab File: BG025490.D
Acq: 12 Jan 2017 20:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.4	61.8	92.6
63	49.0	37.2	55.8





#7

Phenol-d6

Concen: 95.49 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.01 min

Lab File: BG025490.D

Acq: 12 Jan 2017 20:14

Instrument :

BNA_G

ClientSampleId :

COMP-0022

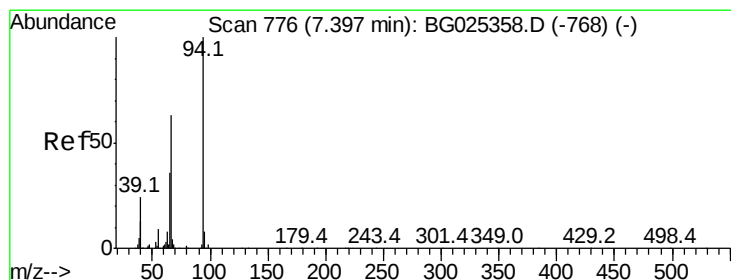
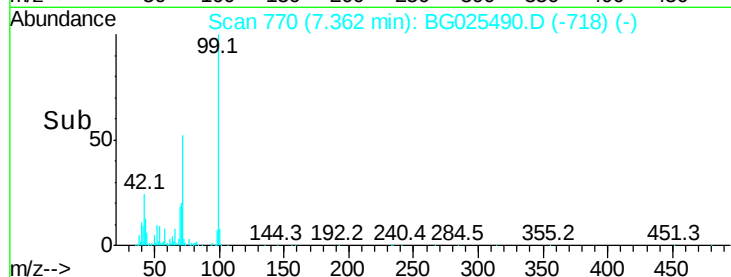
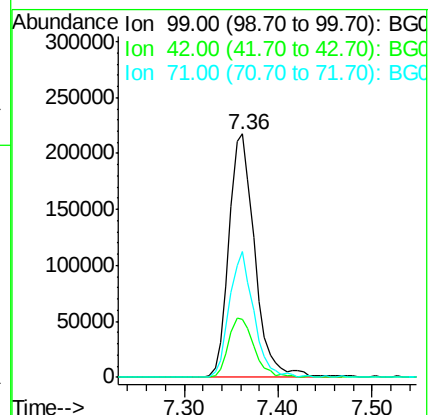
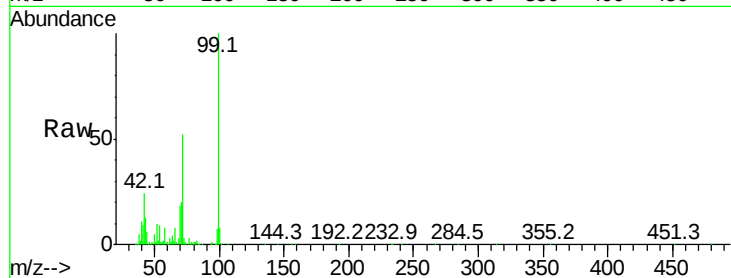
Tot Ion: 99 Resp: 415344

Ion Ratio Lower Upper

99 100

42 24.0 20.5 30.7

71 51.8 37.6 56.4



#10

Phenol

Concen: 4.87 ng

RT: 7.39 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG025490.D

Acq: 12 Jan 2017 20:14

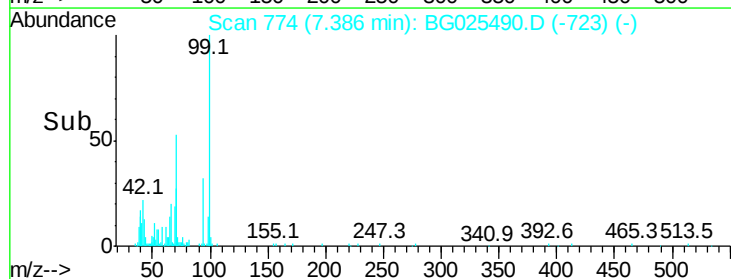
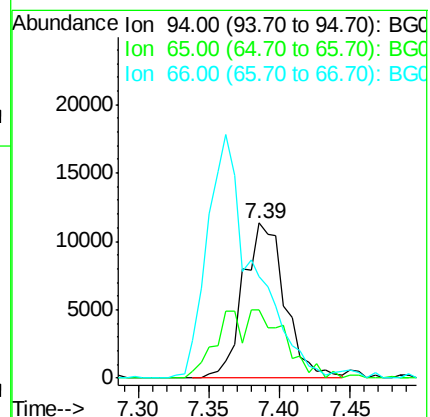
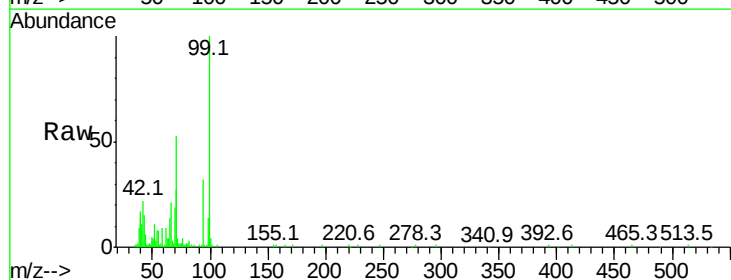
Tgt Ion: 94 Resp: 23483

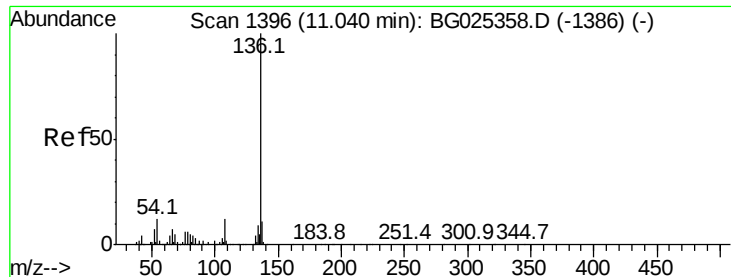
Ion Ratio Lower Upper

94 100

65 44.4 20.6 60.6

66 65.6 35.5 75.5

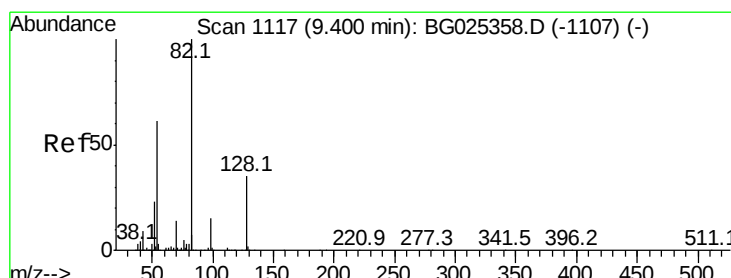
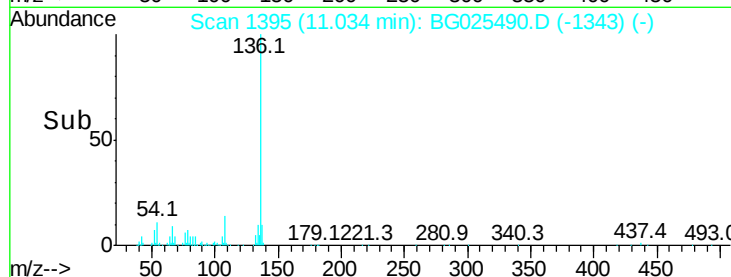
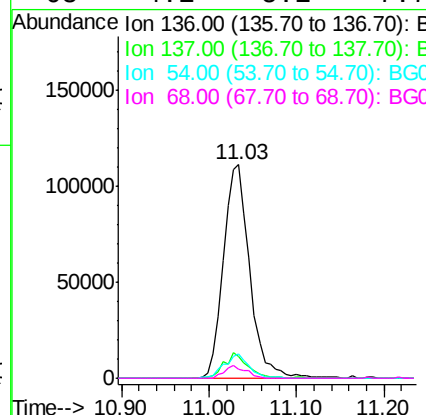
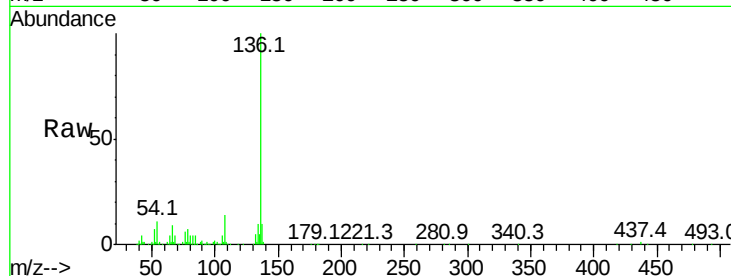




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1395
Delta R.T. 0.01 min
Lab File: BG025490.D
Acq: 12 Jan 2017 20:14

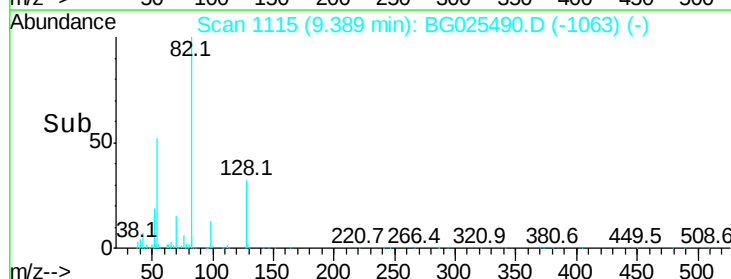
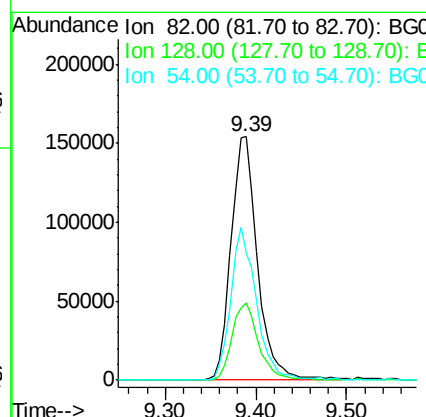
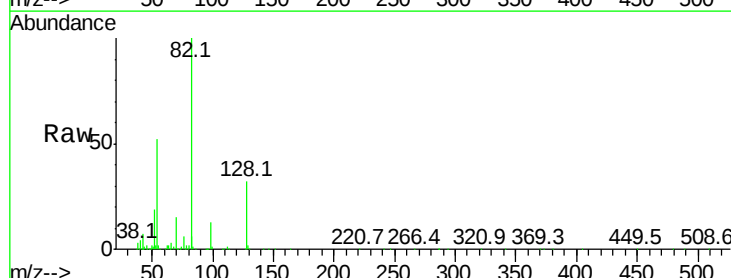
Instrument :
BNA_G
ClientSampled :
COMP-0022

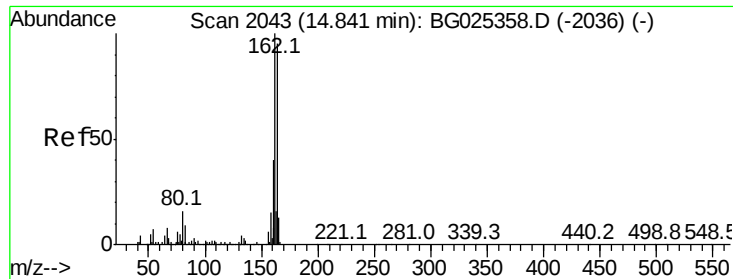
Tot Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.9	13.3
54	11.4	9.3	13.9
68	4.1	5.1	7.7



#23
Nitrobenzene-d5
Concen: 59.99 ng
RT: 9.39 min Scan# 1115
Delta R.T. 0.01 min
Lab File: BG025490.D
Acq: 12 Jan 2017 20:14

Tgt Ion	Ratio	Lower	Upper
82	100		
128	31.5	26.4	39.6
54	52.4	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.83 min Scan# 2041

Delta R.T. 0.01 min

Lab File: BG025490.D

Acq: 12 Jan 2017 20:14

Instrument :

BNA_G

ClientSampleId :

COMP-0022

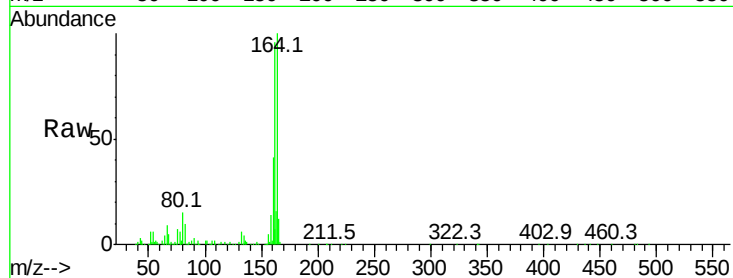
Tot Ion:164 Resp: 192451

Ion Ratio Lower Upper

164 100

162 96.1 85.1 127.7

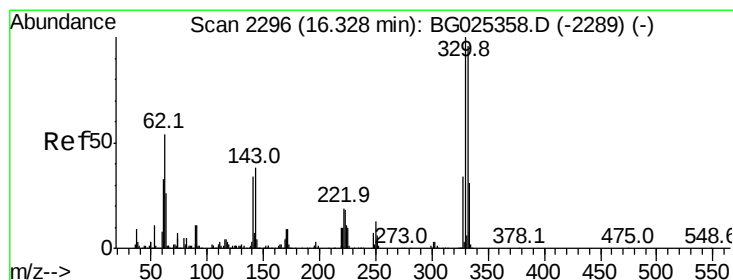
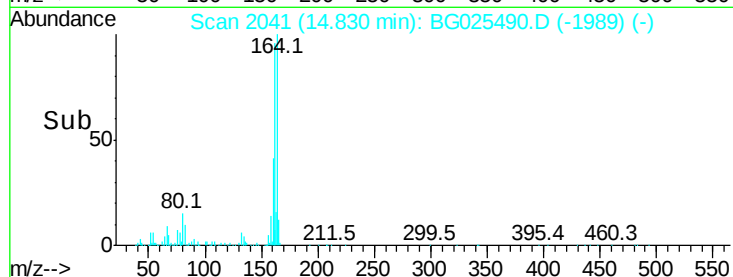
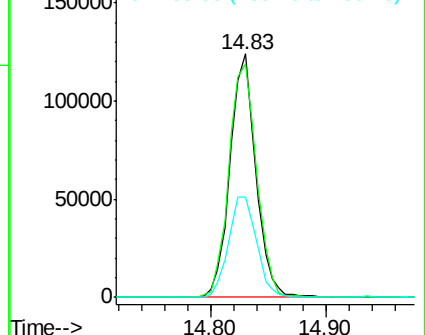
160 41.1 34.7 52.1



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: 82.88 ng

RT: 16.32 min Scan# 2294

Delta R.T. -0.00 min

Lab File: BG025490.D

Acq: 12 Jan 2017 20:14

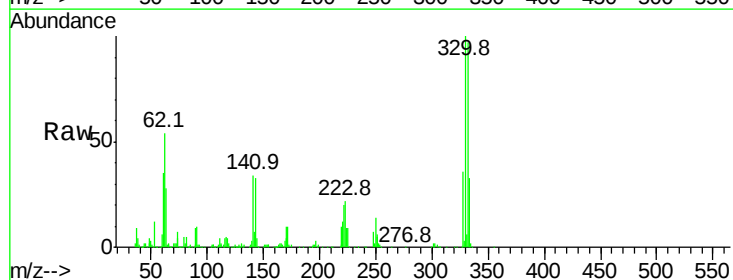
Tgt Ion:330 Resp: 256798

Ion Ratio Lower Upper

330 100

332 94.8 77.3 115.9

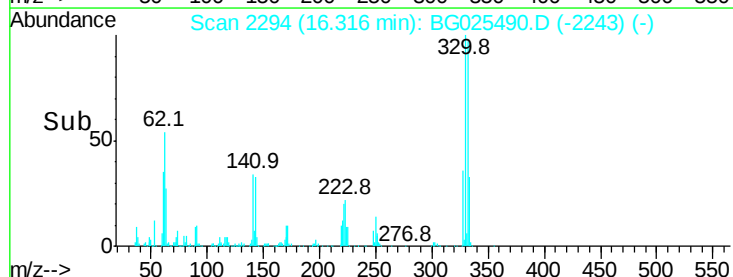
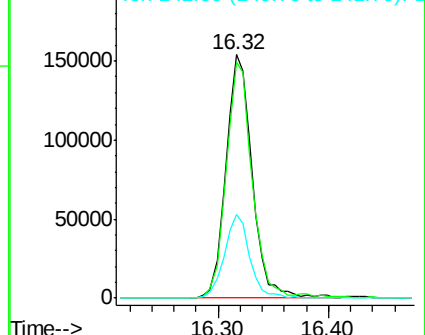
141 33.0 32.1 48.1

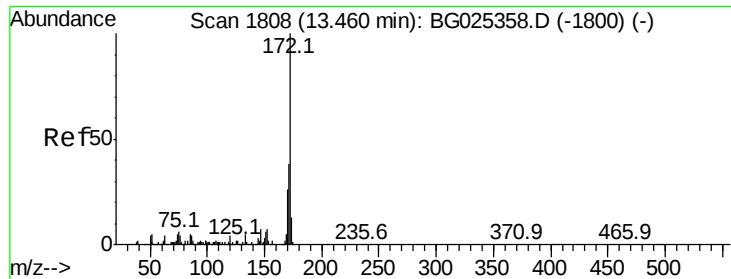


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

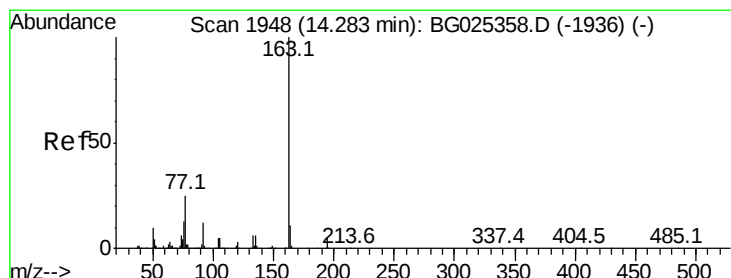
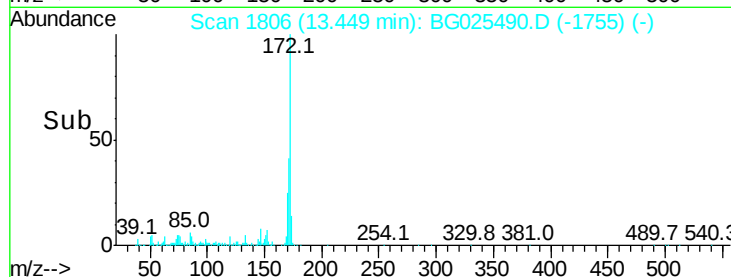
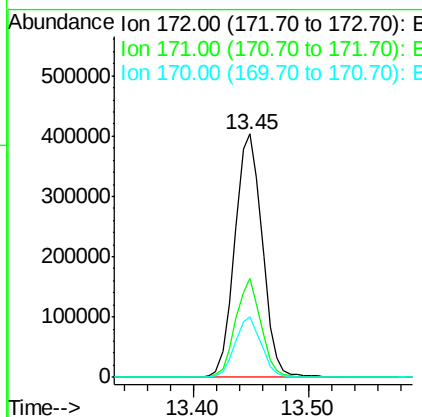
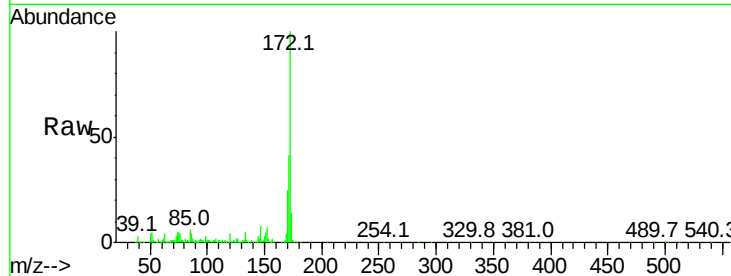




#44
2-Fluorobiphenyl
Concen: 55.97 ng
RT: 13.45 min Scan# 1806
Delta R.T. -0.00 min
Lab File: BG025490.D
Acq: 12 Jan 2017 20:14

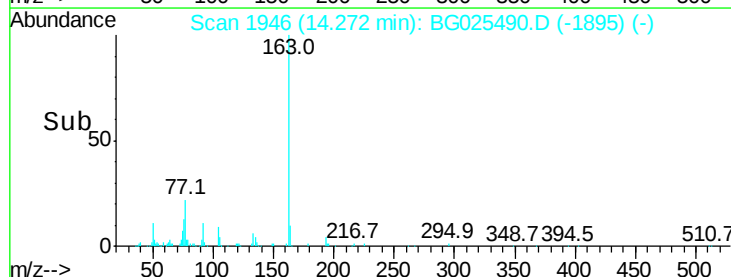
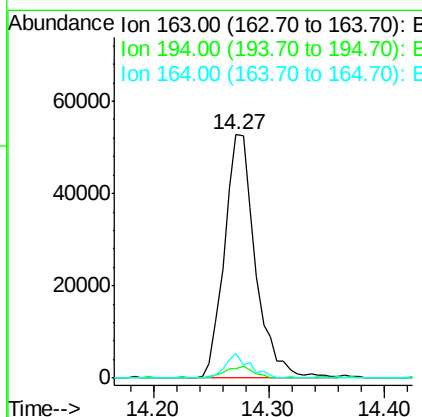
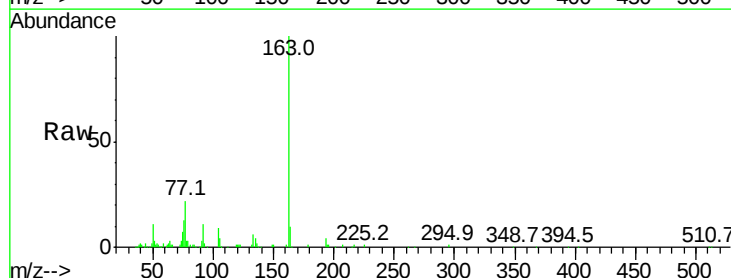
Instrument :
BNA_G
ClientSampleId :
COMP-0022

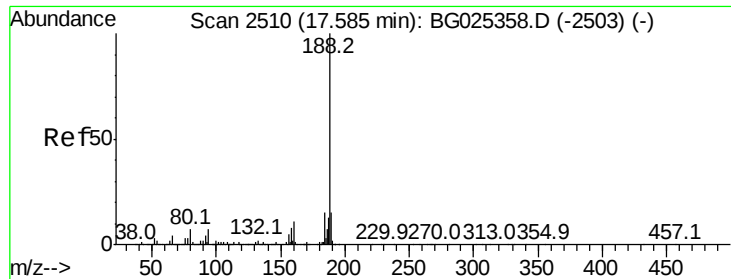
Tot Ion:172 Resp: 665296
Ion Ratio Lower Upper
172 100
171 40.5 32.2 48.2
170 24.8 21.8 32.6



#49
Dimethylphthalate
Concen: 7.00 ng
RT: 14.27 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG025490.D
Acq: 12 Jan 2017 20:14

Tgt Ion:163 Resp: 98155
Ion Ratio Lower Upper
163 100
194 3.8 3.8 5.6
164 10.1 9.3 13.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2508

Delta R.T. -0.00 min

Lab File: BG025490.D

Acq: 12 Jan 2017 20:14

Instrument :

BNA_G

ClientSampleId :

COMP-0022

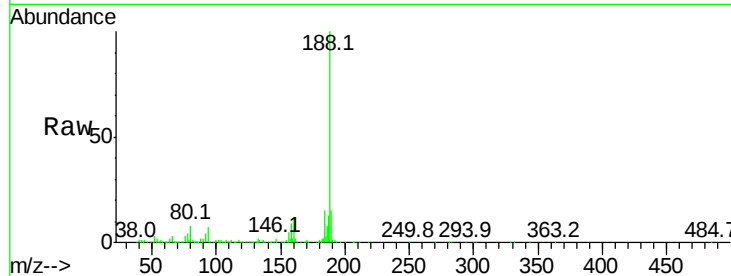
Tot Ion:188 Resp: 436335

Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.8

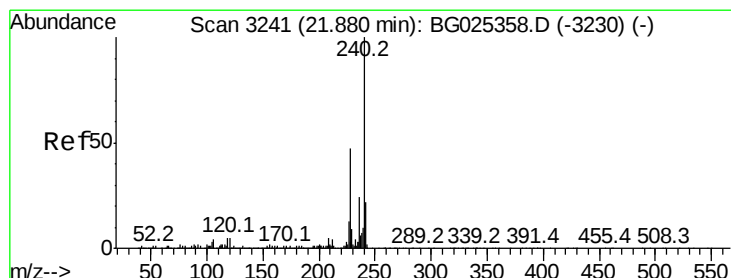
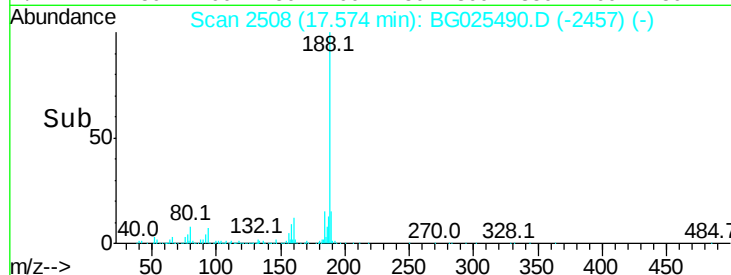
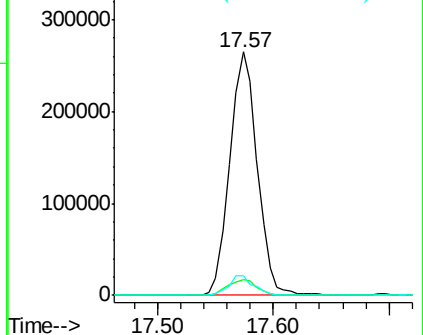
80 8.2 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.86 min Scan# 3238

Delta R.T. -0.00 min

Lab File: BG025490.D

Acq: 12 Jan 2017 20:14

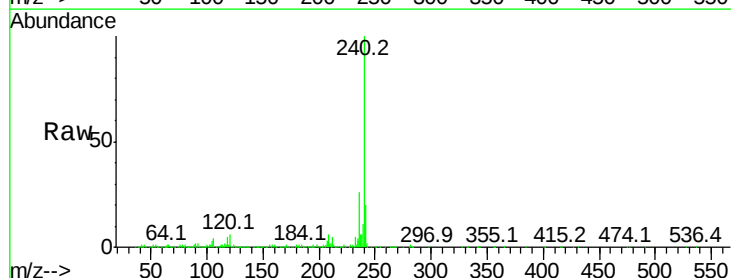
Tgt Ion:240 Resp: 632186

Ion Ratio Lower Upper

240 100

120 5.9 5.7 8.5

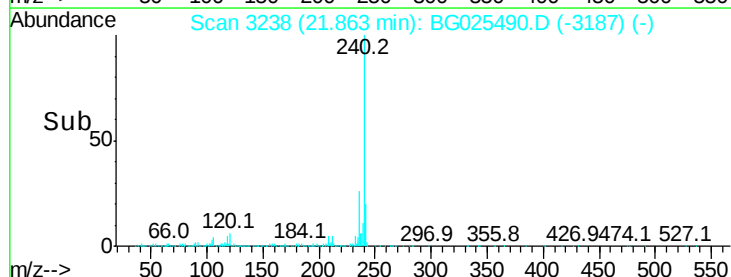
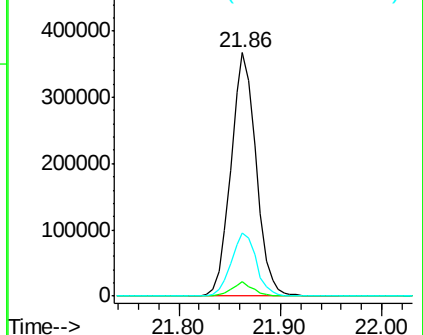
236 26.1 22.2 33.4

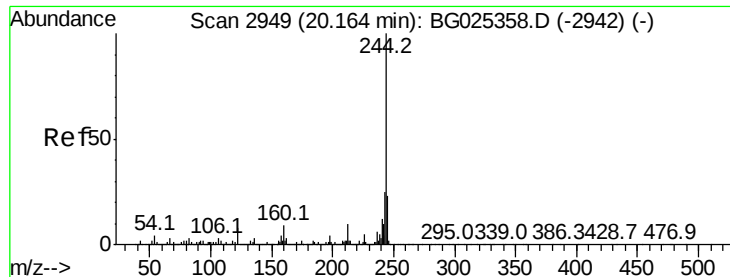


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 51.94 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG025490.D

Acq: 12 Jan 2017 20:14

Instrument :

BNA_G

ClientSampleId :

COMP-0022

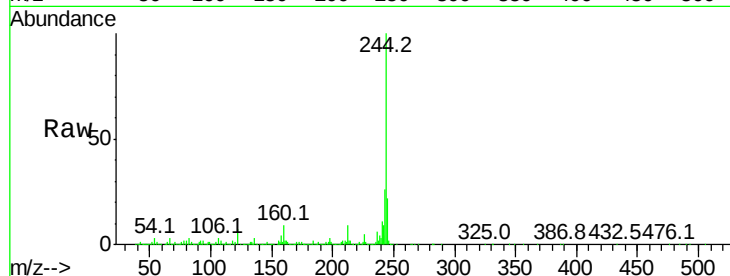
Tot Ion:244 Resp: 1238501

Ion Ratio Lower Upper

244 100

212 9.3 10.0 15.0#

122 6.9 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

1200000

1000000

800000

600000

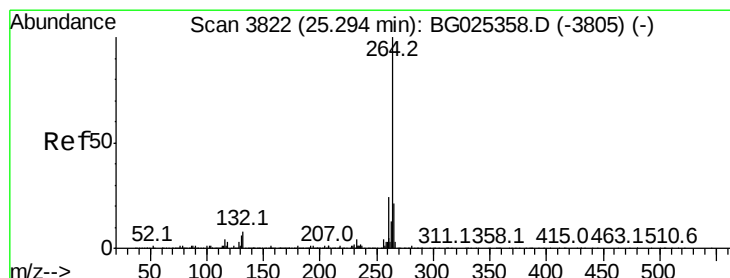
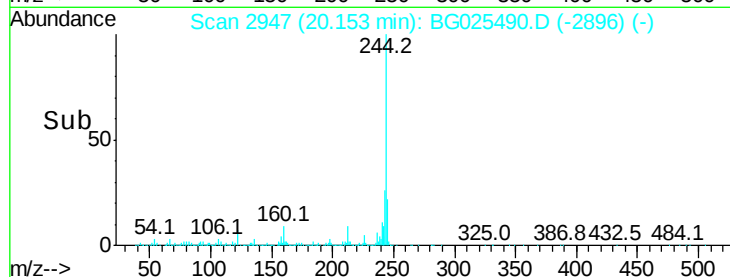
400000

200000

0

20.15

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.26 min Scan# 3817

Delta R.T. -0.00 min

Lab File: BG025490.D

Acq: 12 Jan 2017 20:14

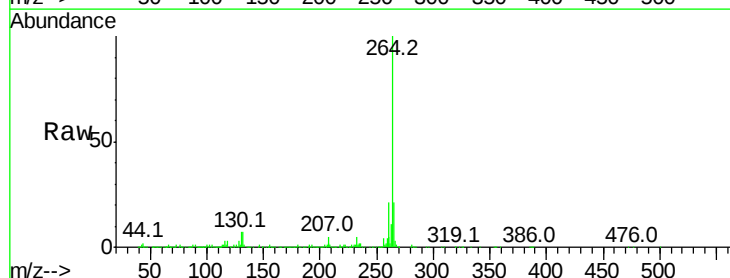
Tgt Ion:264 Resp: 685637

Ion Ratio Lower Upper

264 100

260 20.9 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

300000

250000

200000

150000

100000

50000

0

25.26

Time-->

