

Data File : BG025942.D
Acq On : 24 Feb 2017 21:40
Operator : SJ/MA
Sample : I1973-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2-Y6-BASE

Quant Time: Feb 24 22:42:12 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 15:48:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	82519	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	384769	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	260391	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	712323	20.00	ng	0.00
75) Chrysene-d12	21.66	240	775385	20.00	ng	-0.02
86) Perylene-d12	24.86	264	747888	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	831776	175.49	ng	0.00
7) Phenol-d6	7.24	99	1184228	168.84	ng	0.00
23) Nitrobenzene-d5	9.24	82	635413	104.22	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	574233	238.69	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1587673	106.54	ng	0.00
78) Terphenyl-d14	20.01	244	2389130	74.94	ng	0.00
Target Compounds						
10) Phenol	7.26	94	52273	6.86	ng	Qvalue # 73
49) Dimethylphthalate	14.13	163	120644	6.75	ng	97

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

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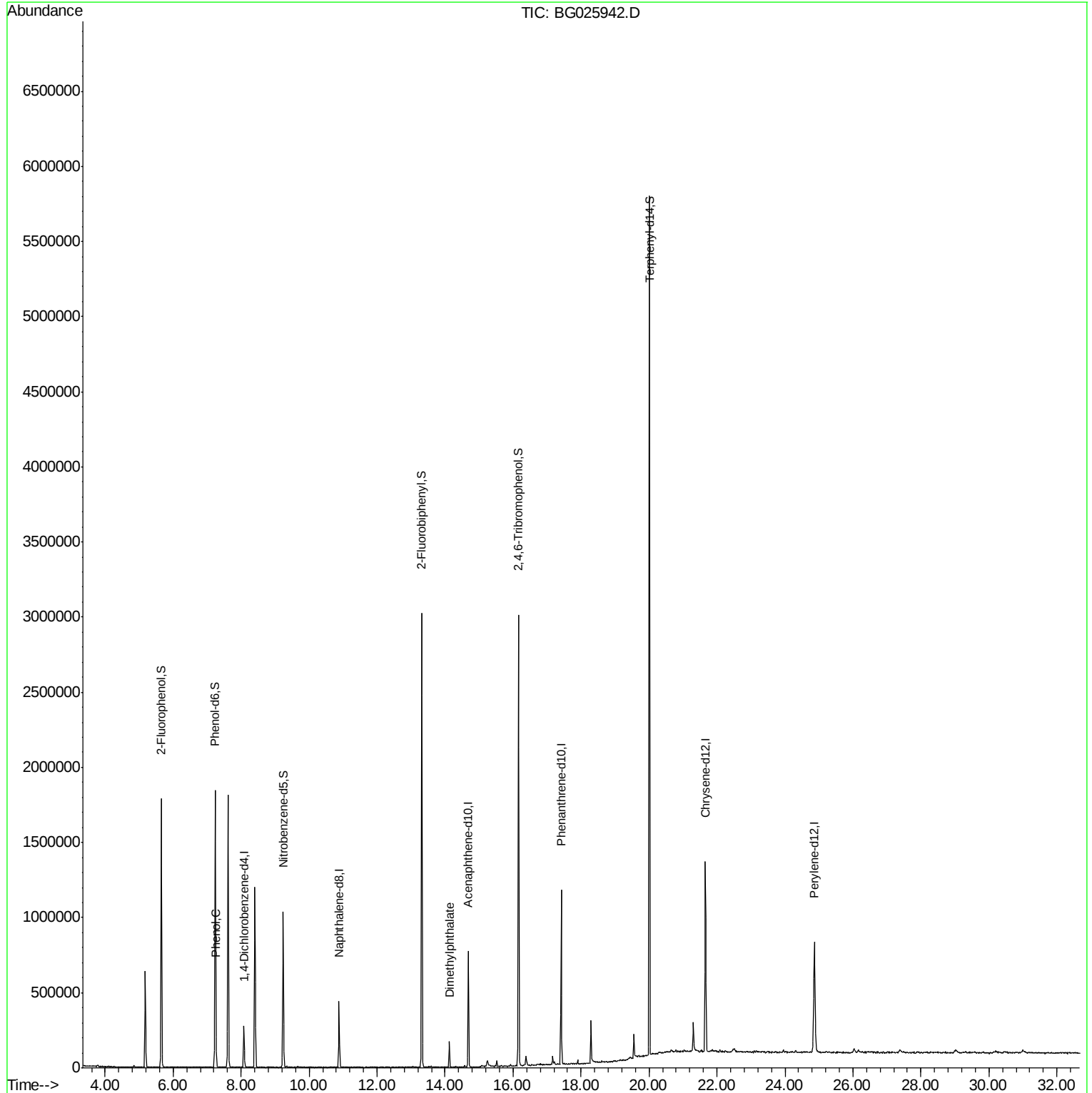
Quant Time: Feb 24 22:42:12 2017

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M

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QLast Update : Fri Feb 17 15:48:21 2017

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 807

Delta R.T. -0.01 min

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Instrument :

BNA_G

ClientSampleId :

E2-Y6-BASE

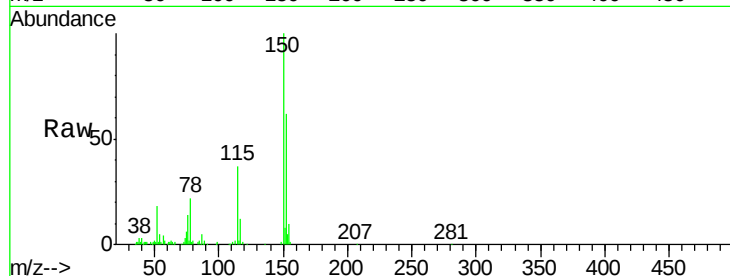
Tgt Ion:152 Resp: 82519

Ion Ratio Lower Upper

152 100

150 160.8 114.0 171.0

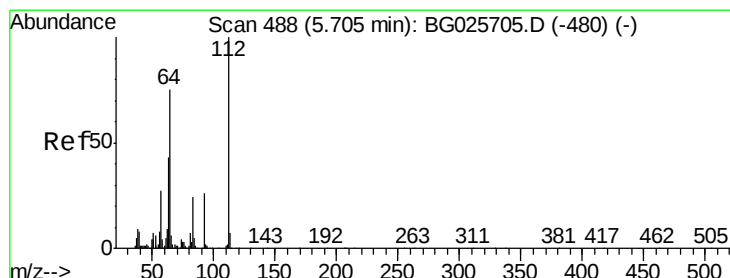
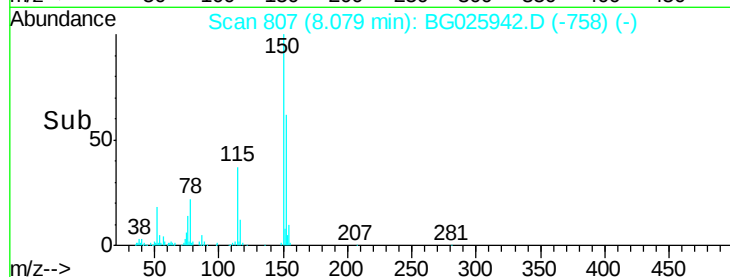
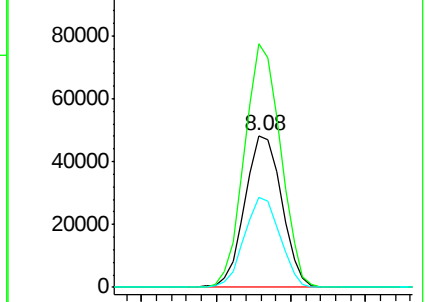
115 59.4 48.1 72.1



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: 175.49 ng

RT: 5.65 min Scan# 394

Delta R.T. -0.00 min

Lab File: BG025942.D

Acq: 24 Feb 2017 21:40

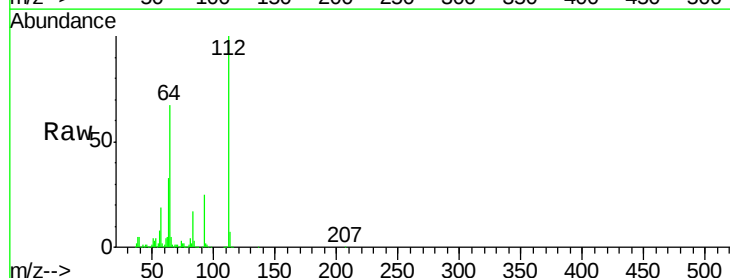
Tgt Ion:112 Resp: 831776

Ion Ratio Lower Upper

112 100

64 66.6 61.8 92.6

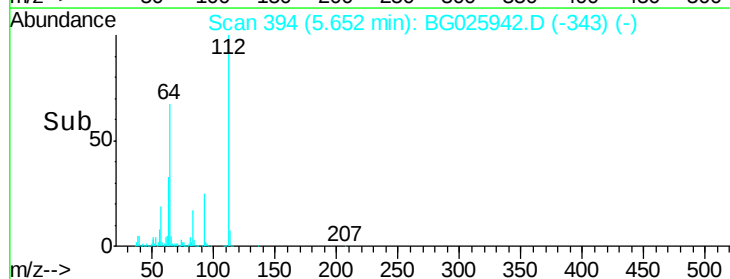
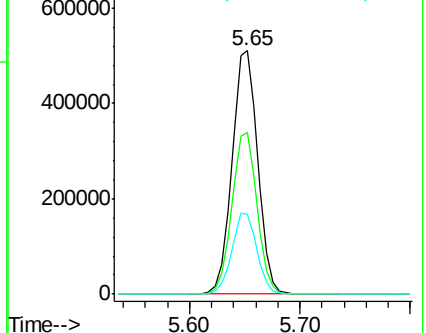
63 32.6 37.2 55.8#



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: 168.84 ng

RT: 7.24 min Scan# 664

Delta R.T. 0.00 min

Lab File: BG025942.D

Acq: 24 Feb 2017 21:40

Instrument :

BNA_G

ClientSampleId :

E2-Y6-BASE

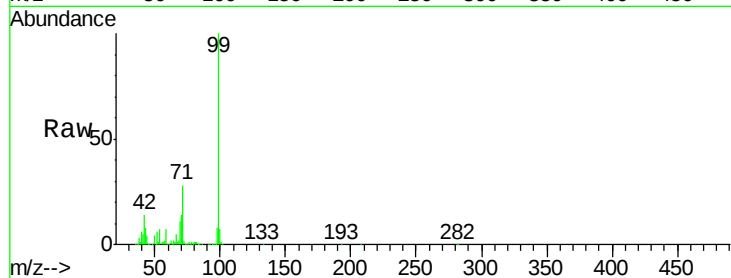
Tgt Ion: 99 Resp: 1184228

Ion Ratio Lower Upper

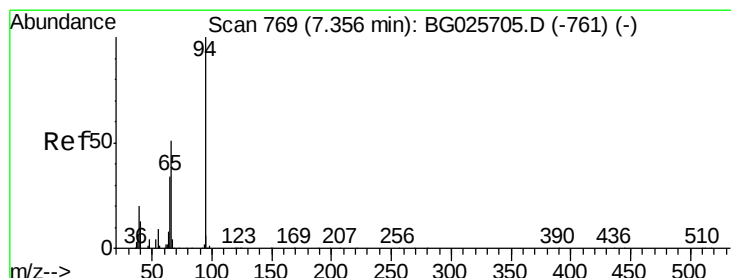
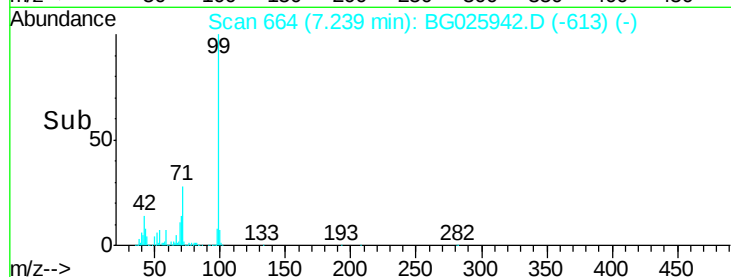
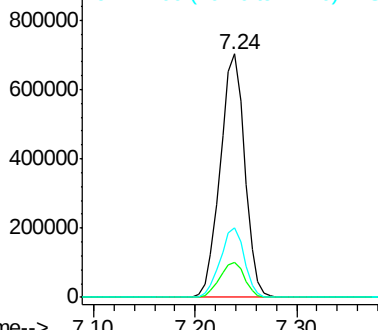
99 100

42 14.5 20.5 30.7#

71 28.5 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



#10

Phenol

Concen: 6.86 ng

RT: 7.26 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG025942.D

Acq: 24 Feb 2017 21:40

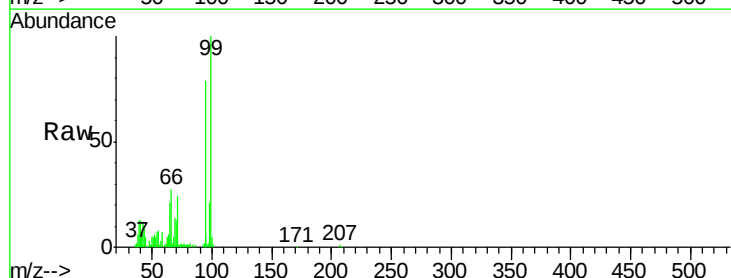
Tgt Ion: 94 Resp: 52273

Ion Ratio Lower Upper

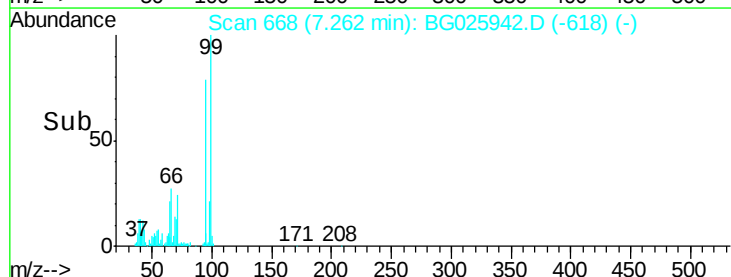
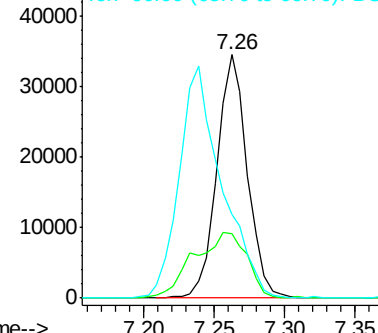
94 100

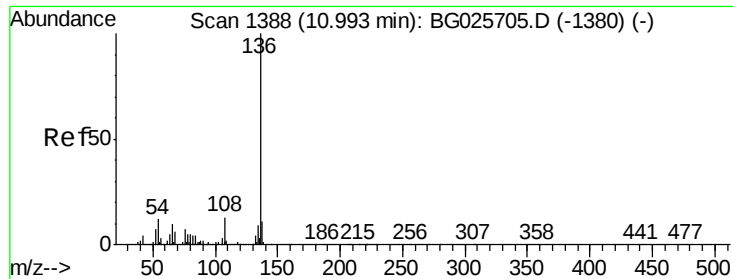
65 26.6 20.6 60.6

66 34.1 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

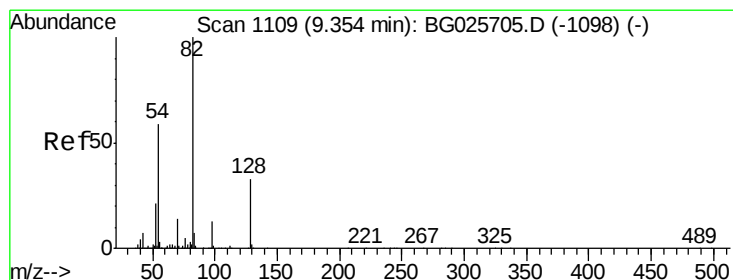
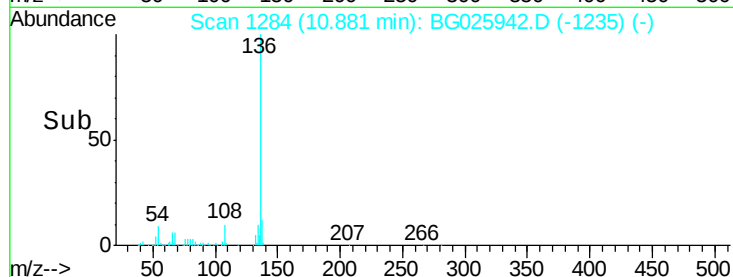
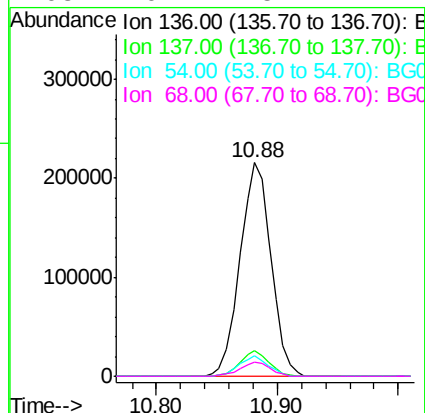
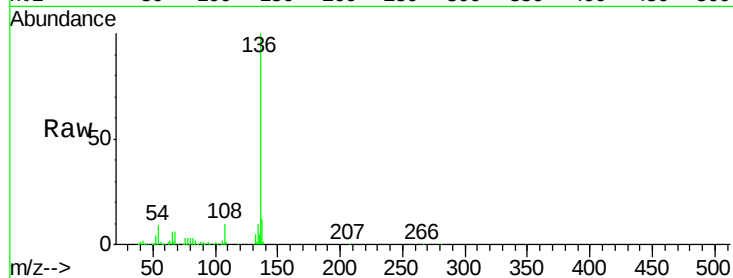




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG025942.D
Acq: 24 Feb 2017 21:40

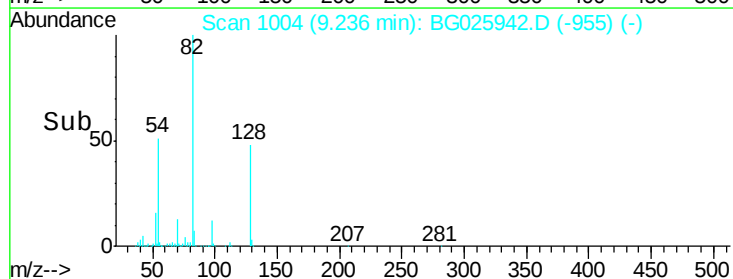
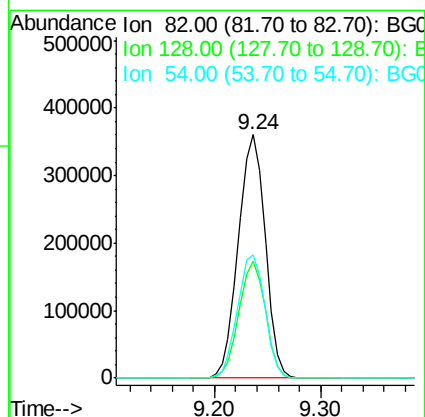
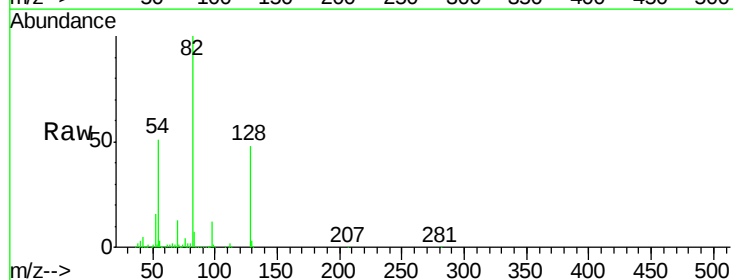
Instrument :
BNA_G
ClientSampleId :
E2-Y6-BASE

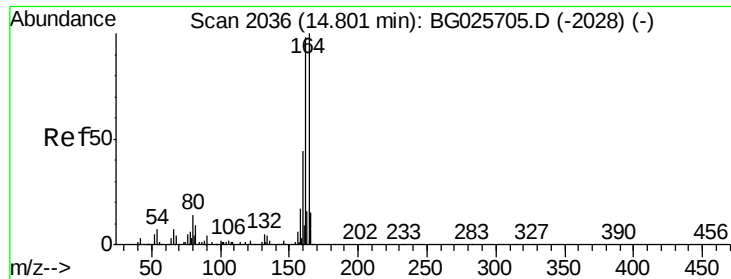
Tgt Ion:	136	Resp:	384769
Ion	Ratio	Lower	Upper
136	100		
137	12.2	8.9	13.3
54	9.4	9.3	13.9
68	6.4	5.1	7.7



#23
Nitrobenzene-d5
Concen: 104.22 ng
RT: 9.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG025942.D
Acq: 24 Feb 2017 21:40

Tgt Ion:	82	Resp:	635413
Ion	Ratio	Lower	Upper
82	100		
128	48.0	26.4	39.6#
54	50.8	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.68 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BG025942.D

Acq: 24 Feb 2017 21:40

Instrument :

BNA_G

ClientSampleId :

E2-Y6-BASE

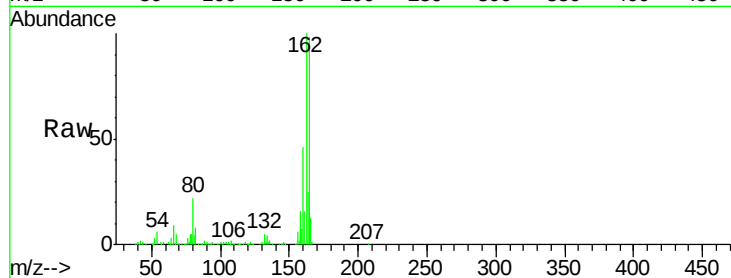
Tgt Ion:164 Resp: 260391

Ion Ratio Lower Upper

164 100

162 101.8 85.1 127.7

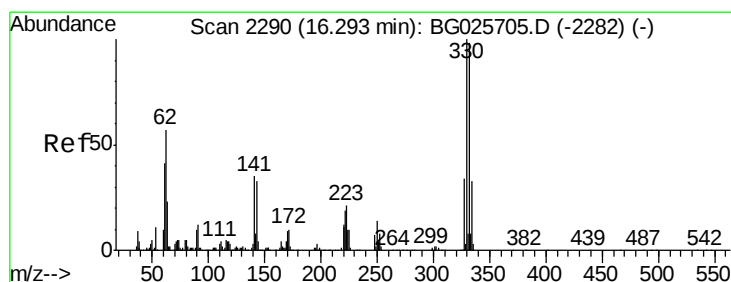
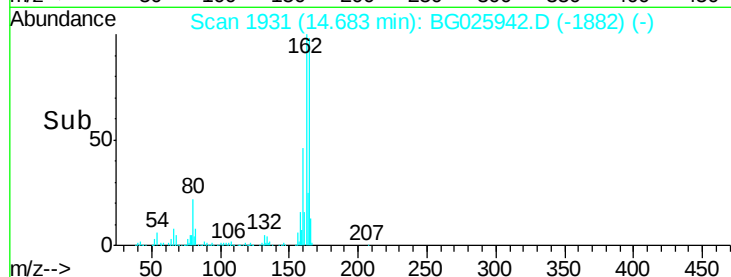
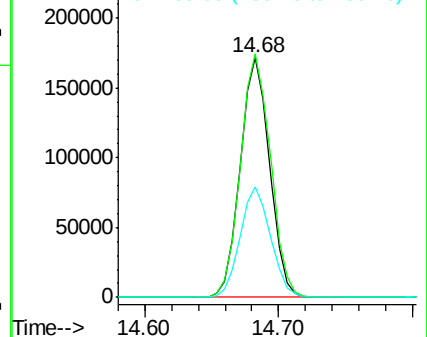
160 46.3 34.7 52.1



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: 238.69 ng

RT: 16.16 min Scan# 2183

Delta R.T. -0.00 min

Lab File: BG025942.D

Acq: 24 Feb 2017 21:40

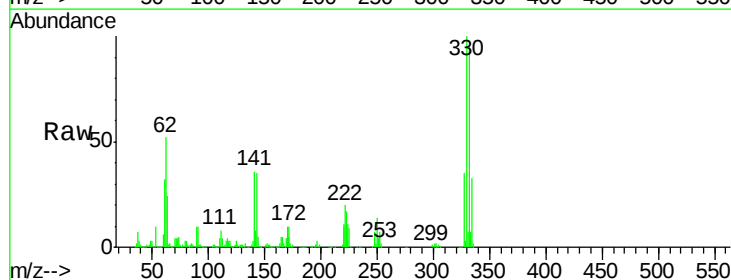
Tgt Ion:330 Resp: 574233

Ion Ratio Lower Upper

330 100

332 95.4 77.3 115.9

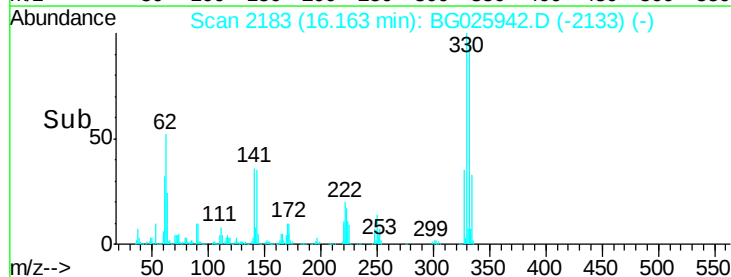
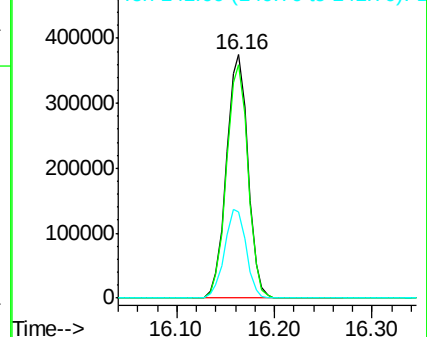
141 36.5 32.1 48.1

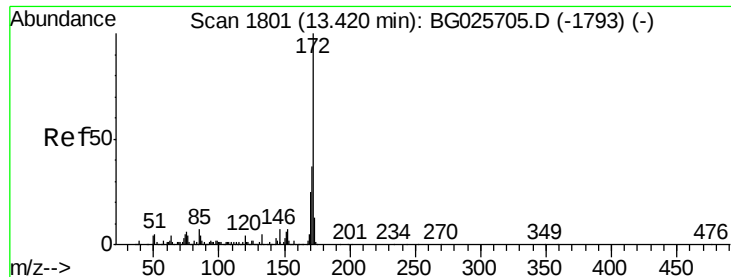


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

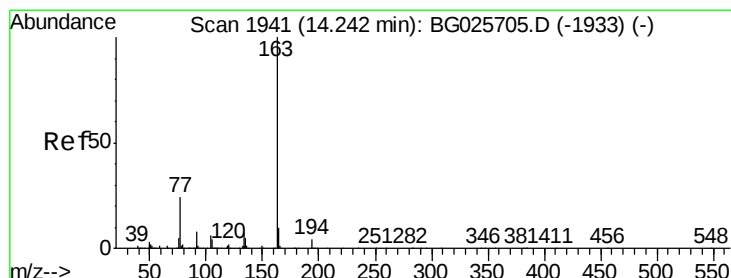
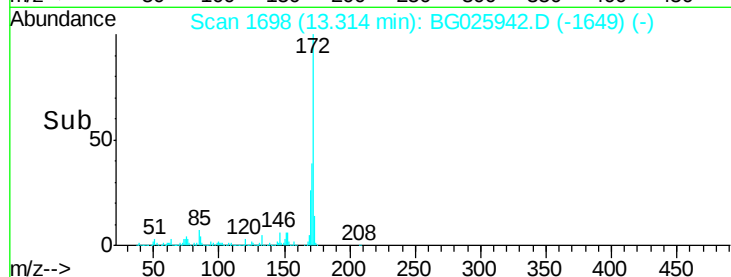
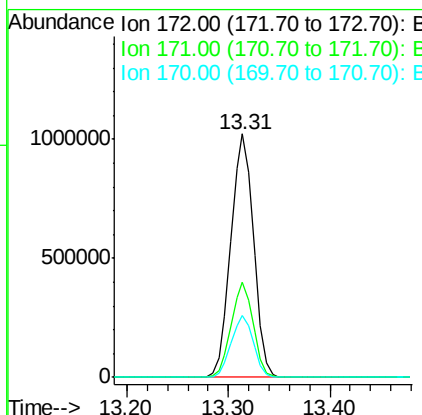
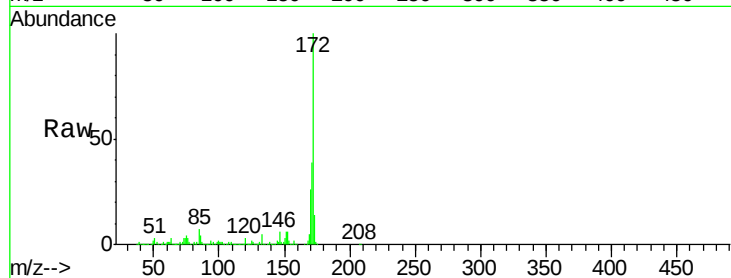




#44
2-Fluorobiphenyl
Concen: 106.54 ng
RT: 13.31 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BG025942.D
Acq: 24 Feb 2017 21:40

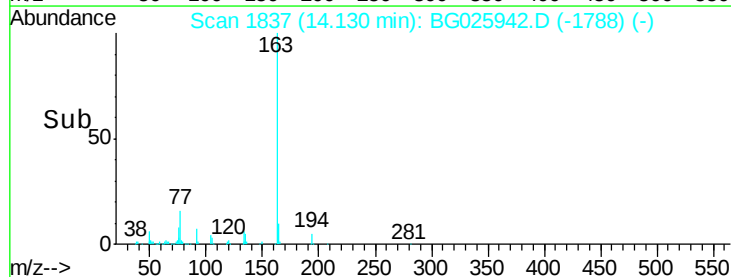
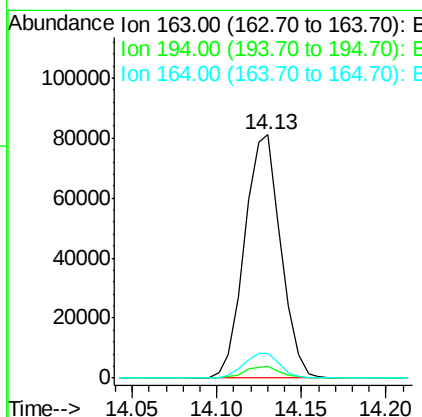
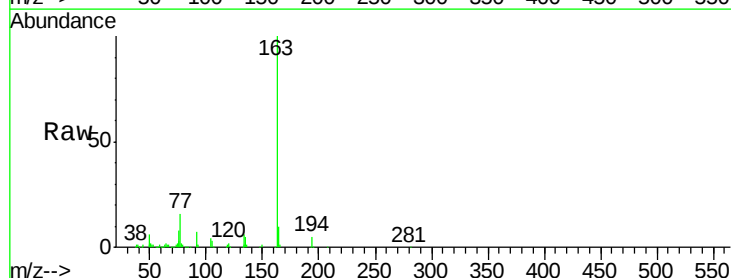
Instrument :
BNA_G
ClientSampleId :
E2-Y6-BASE

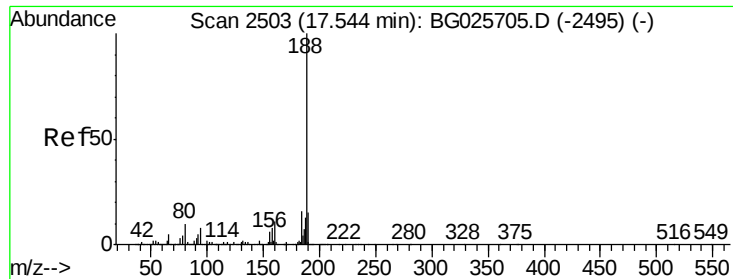
Tgt Ion:172 Resp: 1587673
Ion Ratio Lower Upper
172 100
171 38.9 32.2 48.2
170 25.5 21.8 32.6



#49
Dimethylphthalate
Concen: 6.75 ng
RT: 14.13 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BG025942.D
Acq: 24 Feb 2017 21:40

Tgt Ion:163 Resp: 120644
Ion Ratio Lower Upper
163 100
194 4.8 3.8 5.6
164 10.1 9.3 13.9

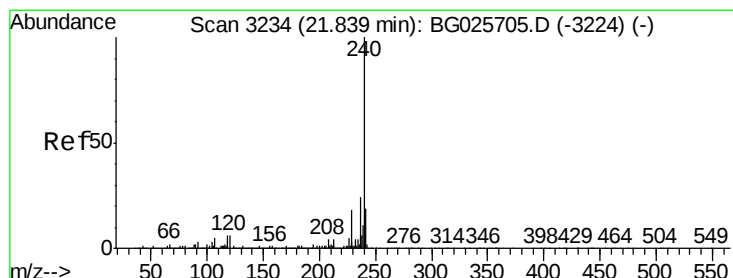
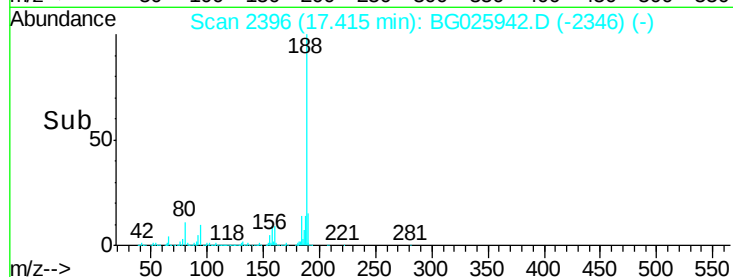
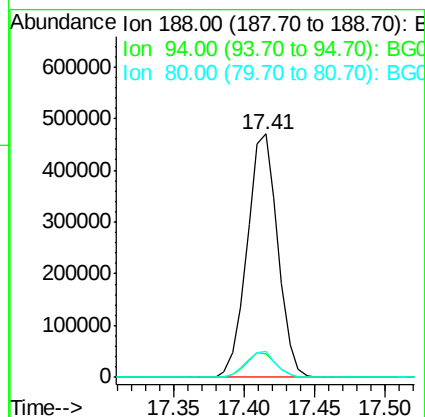
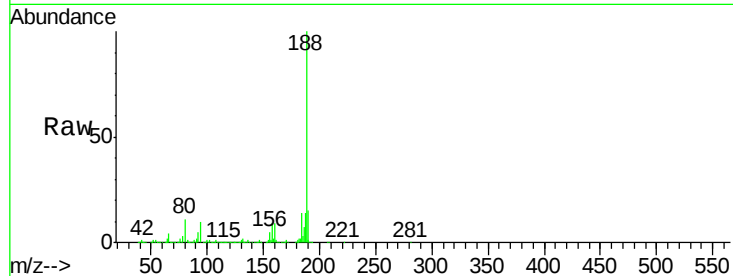




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BG025942.D
Acq: 24 Feb 2017 21:40

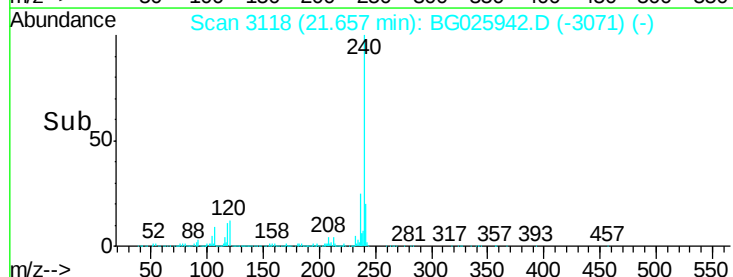
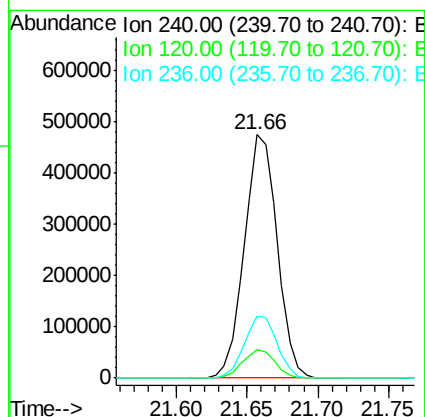
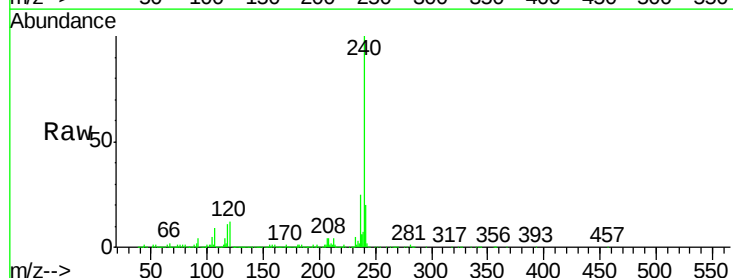
Instrument :
BNA_G
ClientSampleId :
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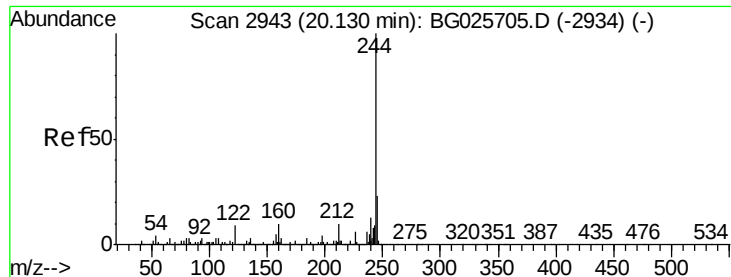
Tgt Ion:188 Resp: 712323
Ion Ratio Lower Upper
188 100
94 9.7 5.8 8.8#
80 10.7 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.66 min Scan# 3118
Delta R.T. -0.02 min
Lab File: BG025942.D
Acq: 24 Feb 2017 21:40

Tgt Ion:240 Resp: 775385
Ion Ratio Lower Upper
240 100
120 12.0 5.7 8.5#
236 25.2 22.2 33.4





#78

Terphenyl-d14

Concen: 74.94 ng

RT: 20.01 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG025942.D

Acq: 24 Feb 2017 21:40

Instrument :

BNA_G

ClientSampleId :

E2-Y6-BASE

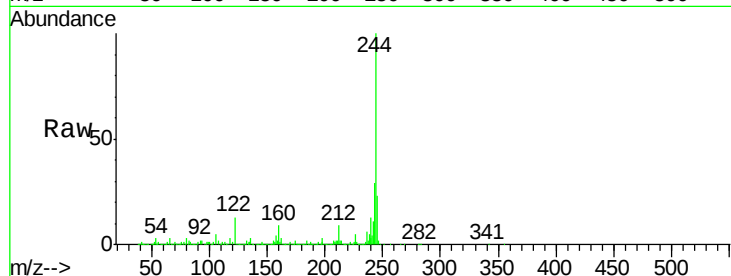
Tgt Ion:244 Resp: 2389130

Ion Ratio Lower Upper

244 100

212 8.6 10.0 15.0#

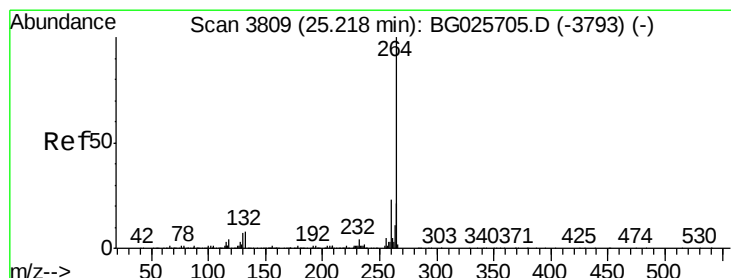
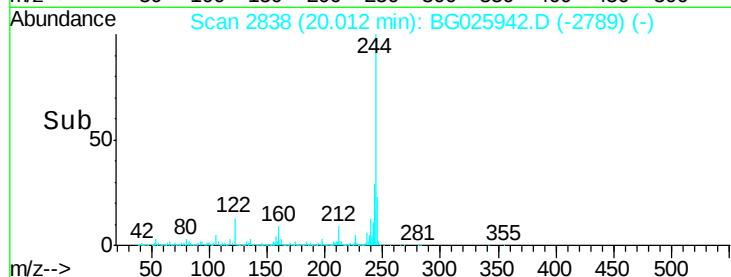
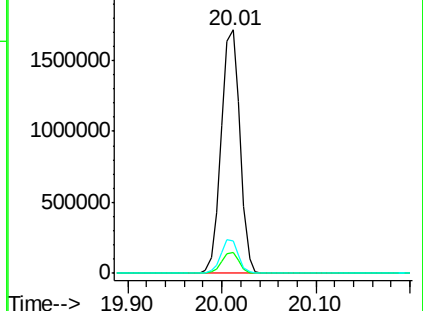
122 13.3 8.6 12.8#



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: 24.86 min Scan# 3664

Delta R.T. -0.02 min

Lab File: BG025942.D

Acq: 24 Feb 2017 21:40

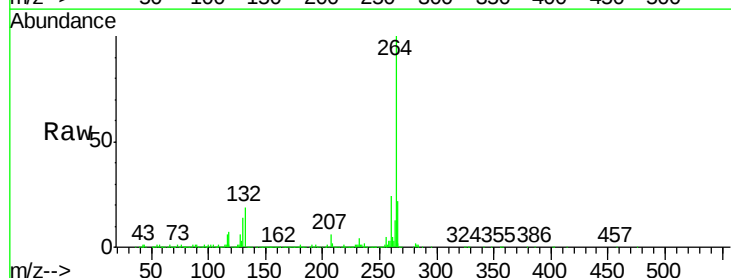
Tgt Ion:264 Resp: 747888

Ion Ratio Lower Upper

264 100

260 23.7 21.8 32.8

265 21.6 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

