

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021219\
 Data File : BG039465.D
 Acq On : 12 Feb 2019 15:52
 Operator : JU/SJ
 Sample : K1462-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-D

Quant Time: Feb 12 18:08:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

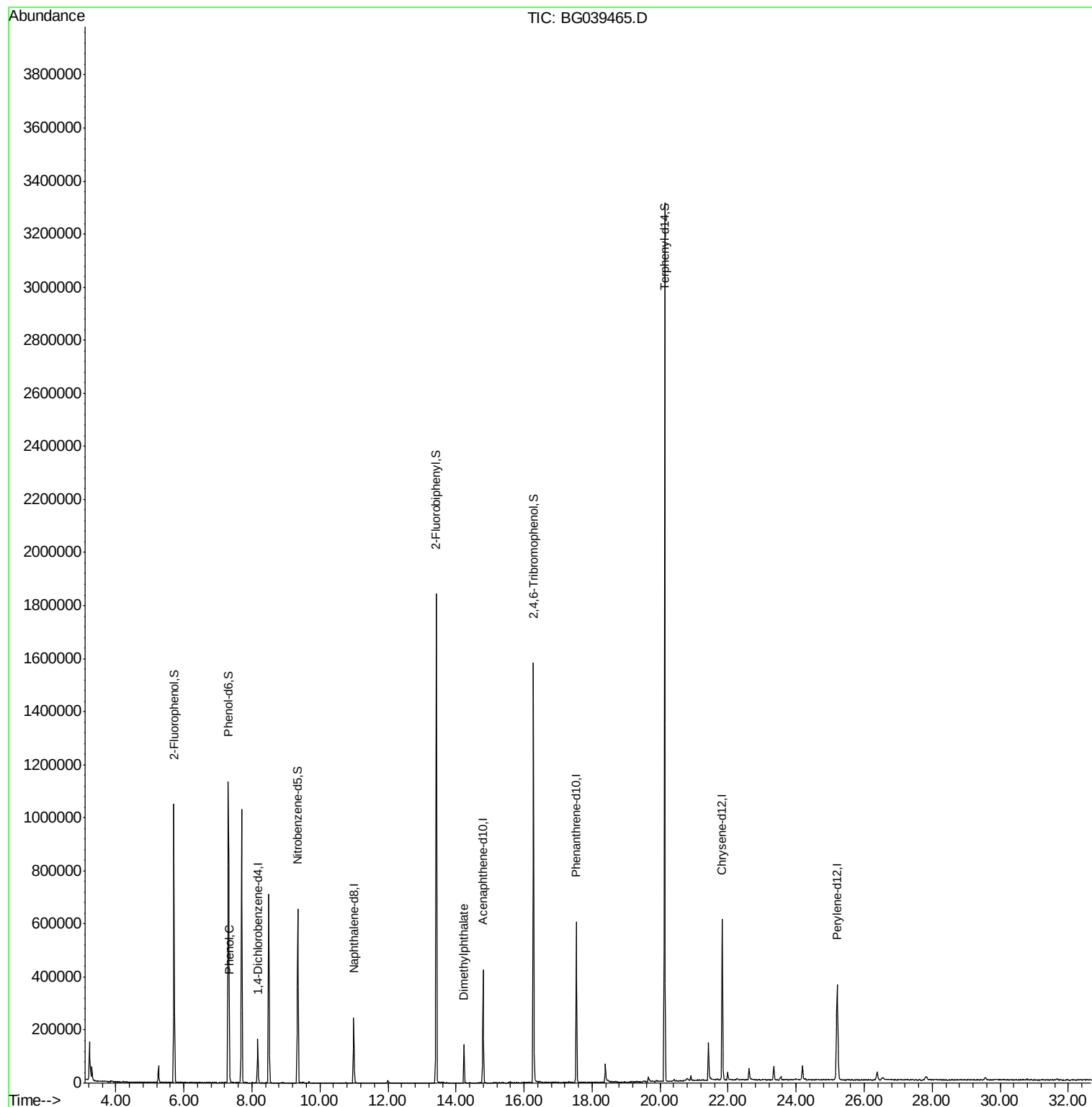
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	45639	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	214977	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	155148	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	378372	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	385692	20.00	ng	-0.02
87) Perylene-d12	25.21	264	384486	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	440416	165.16	ng	0.00
7) Phenol-d6	7.31	99	668201	170.24	ng	-0.01
23) Nitrobenzene-d5	9.35	82	388592	112.92	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	274624	164.38	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	982934	90.89	ng	-0.02
79) Terphenyl-d14	20.13	244	1510912	82.92	ng	-0.02
Target Compounds						
10) Phenol	7.34	94	37846	9.250	ng	94
50) Dimethylphthalate	14.23	163	95797	7.645	ng	100

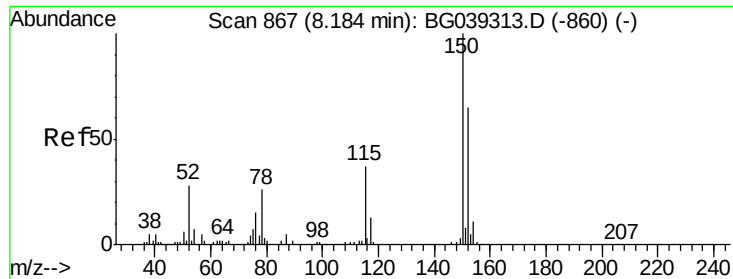
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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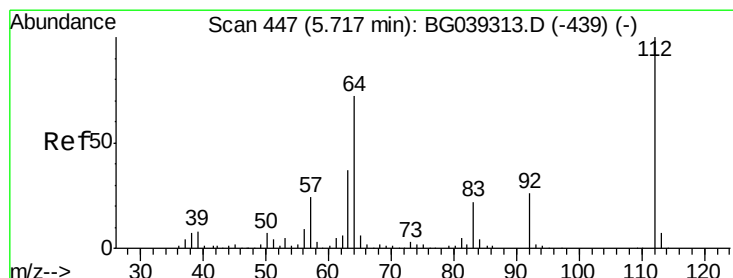
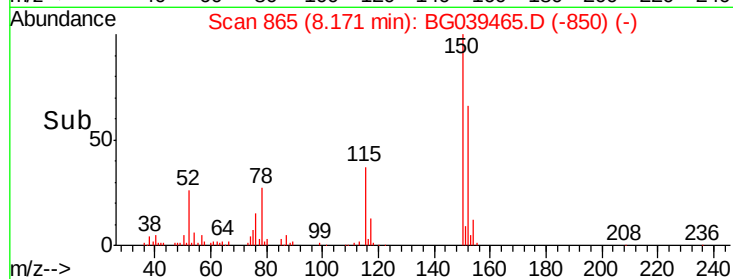
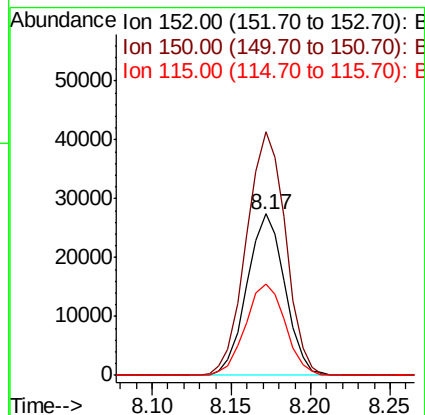
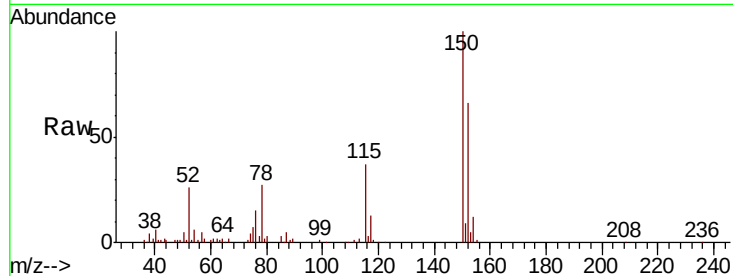


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039465.D
Acq: 12 Feb 2019 15:52

Instrument :
BNA_G
ClientSampleId :
TP-2-D

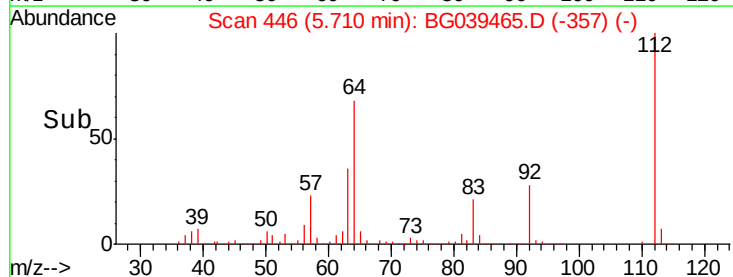
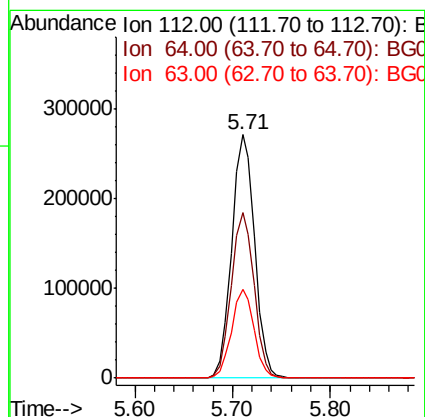
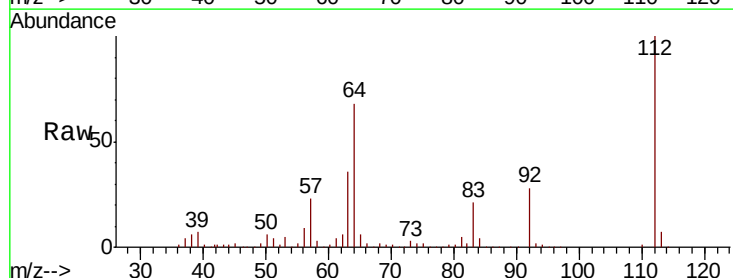
Tot Ion:152 Resp: 45639
Ion Ratio Lower Upper
152 100
150 150.9 123.7 185.5
115 56.2 45.9 68.9

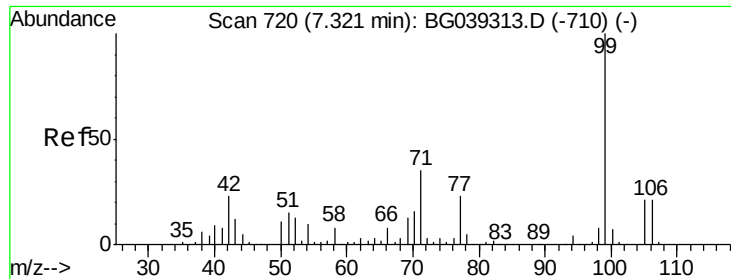


#5

2-Fluorophenol
Concen: 165.160 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.01 min
Lab File: BG039465.D
Acq: 12 Feb 2019 15:52

Tgt Ion:112 Resp: 440416
Ion Ratio Lower Upper
112 100
64 68.2 57.8 86.8
63 36.4 29.8 44.6





#7

Phenol-d6

Concen: 170.236 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039465.D

Acq: 12 Feb 2019 15:52

Instrument :

BNA_G

ClientSampled :

TP-2-D

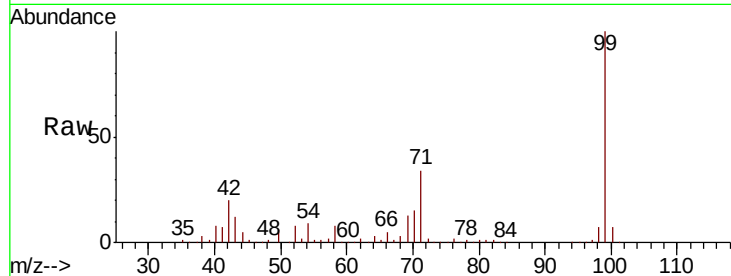
Tot Ion: 99 Resp: 668201

Ion Ratio Lower Upper

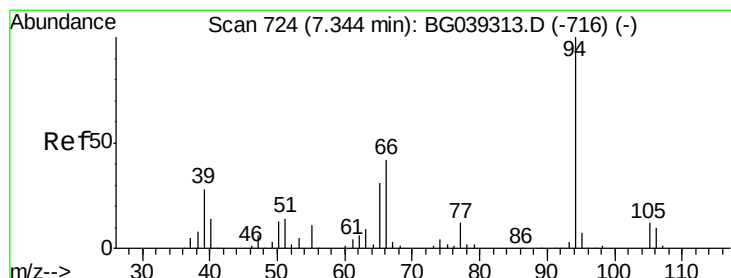
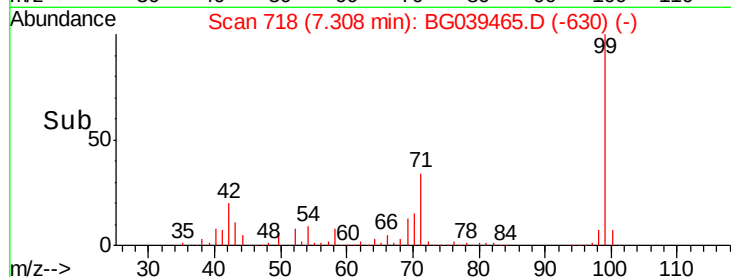
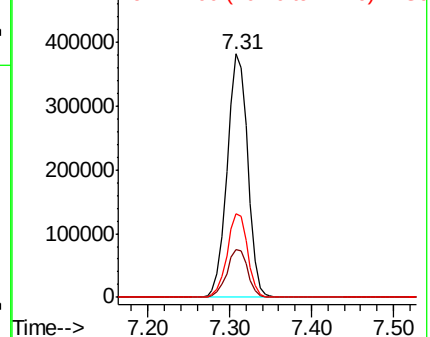
99 100

42 19.8 18.2 27.2

71 34.2 28.0 42.0



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: 9.250 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BG039465.D

Acq: 12 Feb 2019 15:52

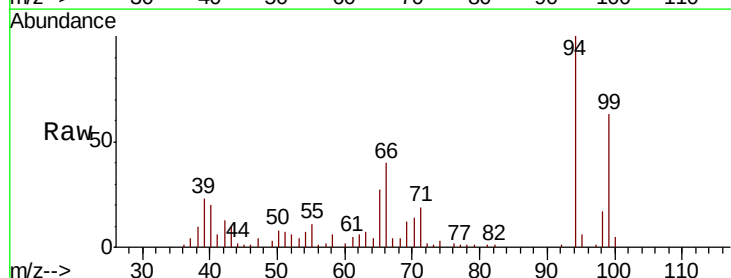
Tgt Ion: 94 Resp: 37846

Ion Ratio Lower Upper

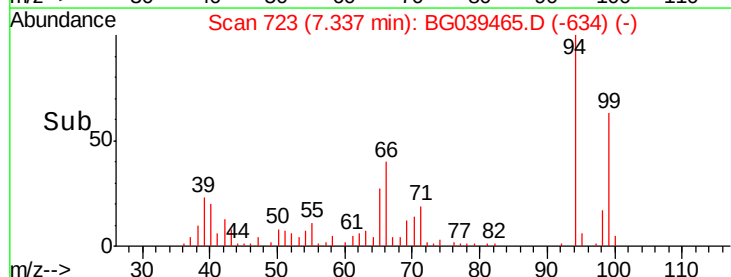
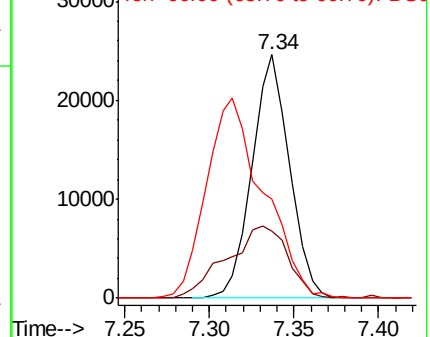
94 100

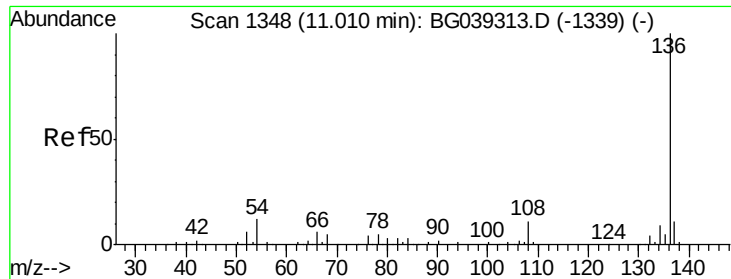
65 27.3 11.7 51.7

66 40.4 23.7 63.7



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

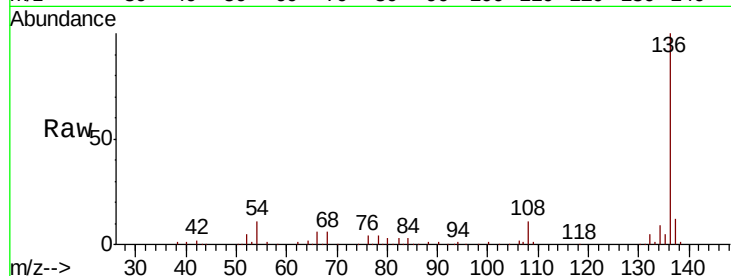




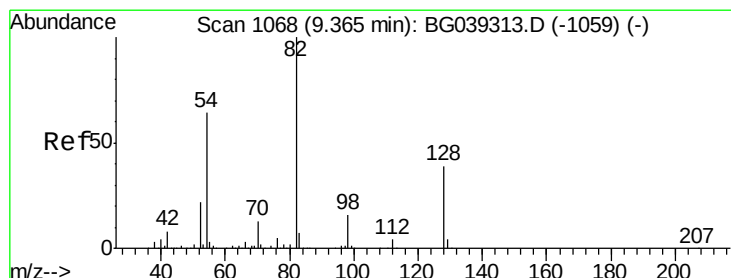
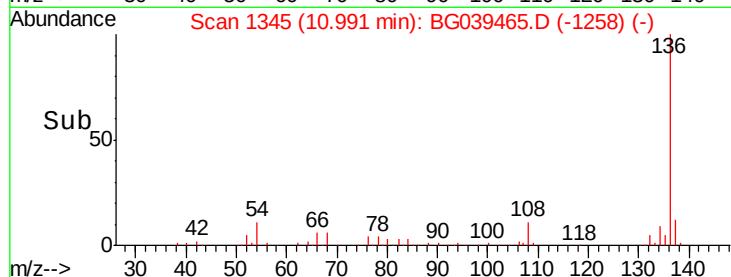
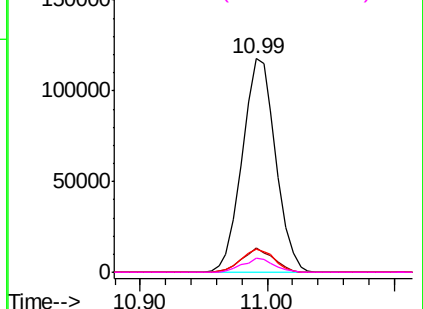
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039465.D
Acq: 12 Feb 2019 15:52

Instrument :
BNA_G
ClientSampleId :
TP-2-D

Tot Ion:136 Resp: 214977
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 10.6 9.4 14.2
68 6.4 4.2 6.4#

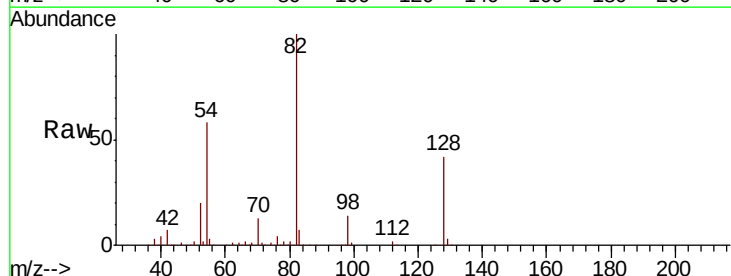


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

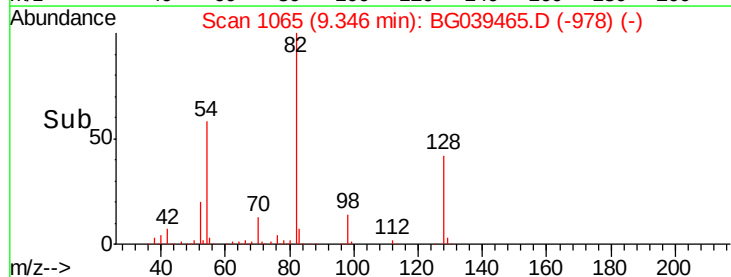
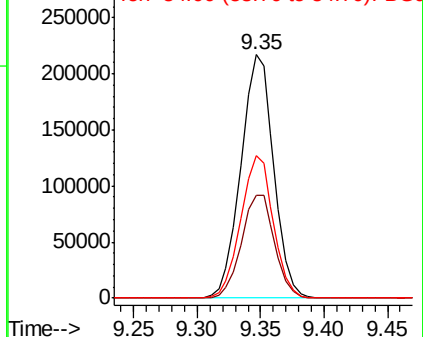


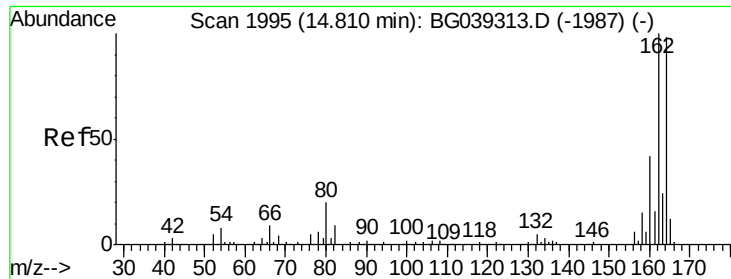
#23
Nitrobenzene-d5
Concen: 112.924 ng
RT: 9.35 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039465.D
Acq: 12 Feb 2019 15:52

Tgt Ion: 82 Resp: 388592
Ion Ratio Lower Upper
82 100
128 42.5 31.3 46.9
54 58.3 50.9 76.3



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BG039465.D

Acq: 12 Feb 2019 15:52

Instrument :

BNA_G

ClientSampled :

TP-2-D

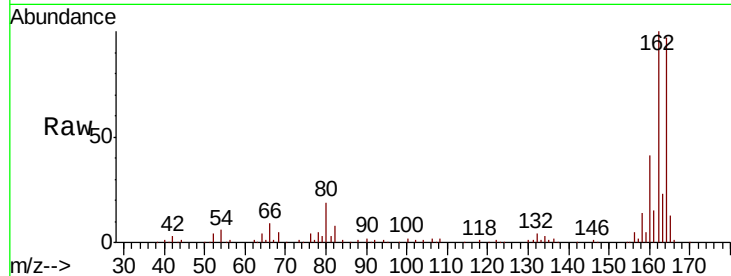
Tot Ion:164 Resp: 155148

Ion Ratio Lower Upper

164 100

162 103.1 81.6 122.4

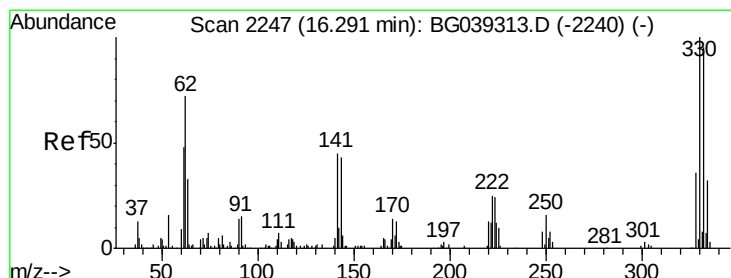
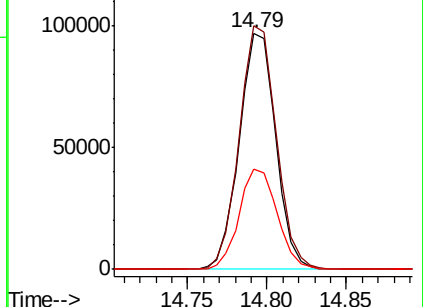
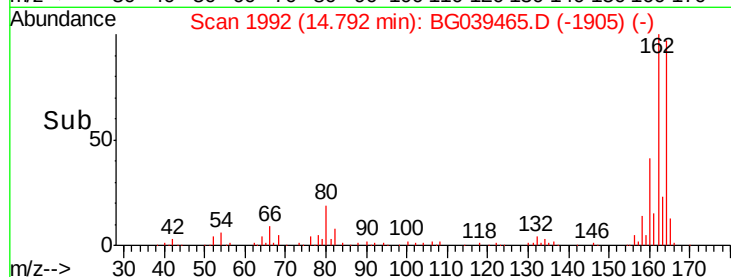
160 42.5 34.2 51.2



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



#42

2,4,6-Tribromophenol

Concen: 164.379 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BG039465.D

Acq: 12 Feb 2019 15:52

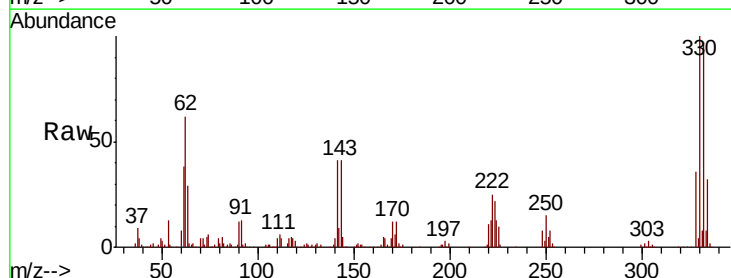
Tgt Ion:330 Resp: 274624

Ion Ratio Lower Upper

330 100

332 95.5 75.7 113.5

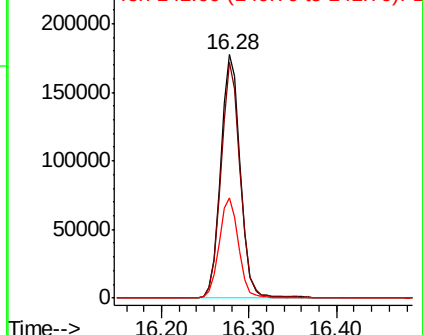
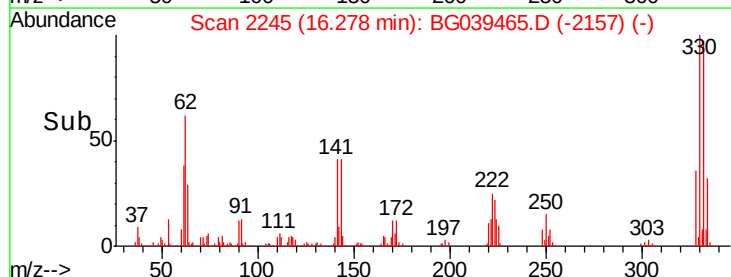
141 41.1 35.6 53.4

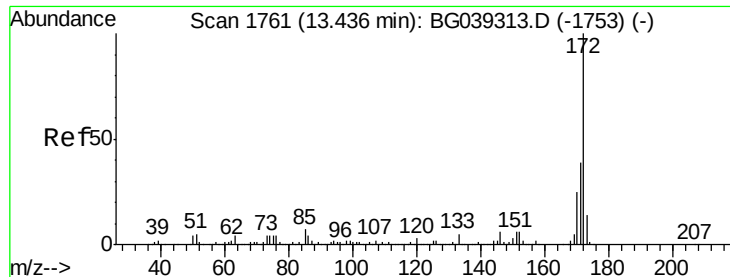


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

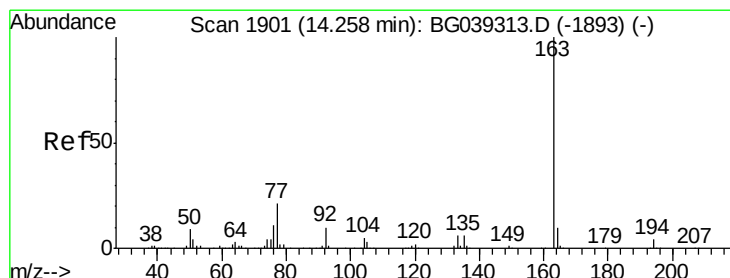
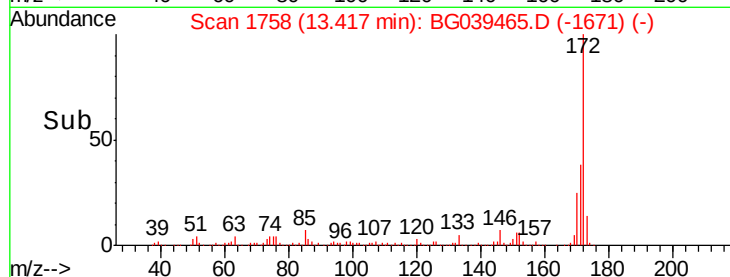
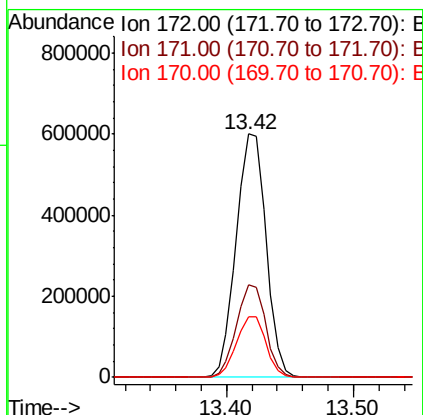
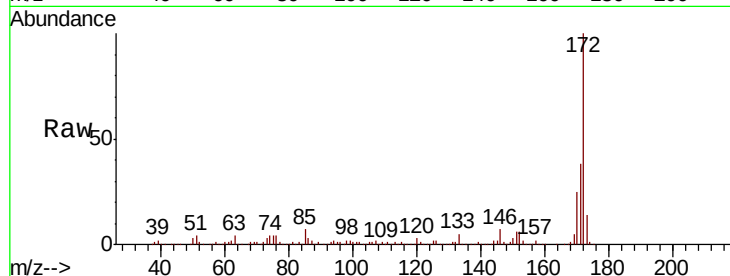




#45
2-Fluorobiphenyl
Concen: 90.885 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039465.D
Acq: 12 Feb 2019 15:52

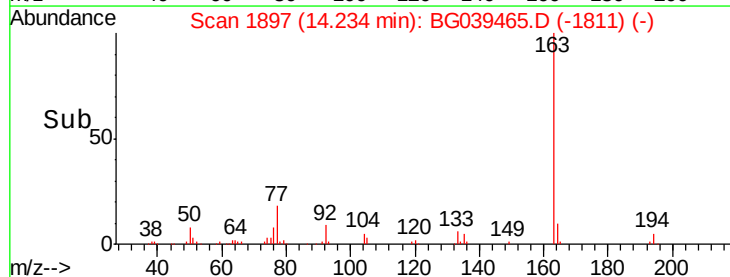
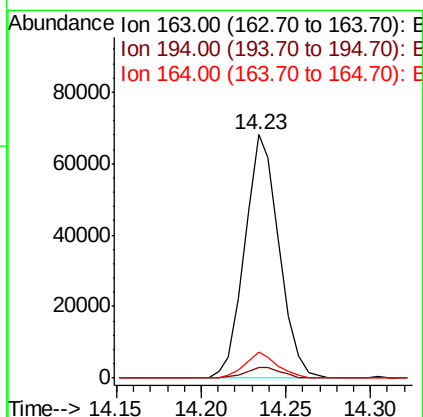
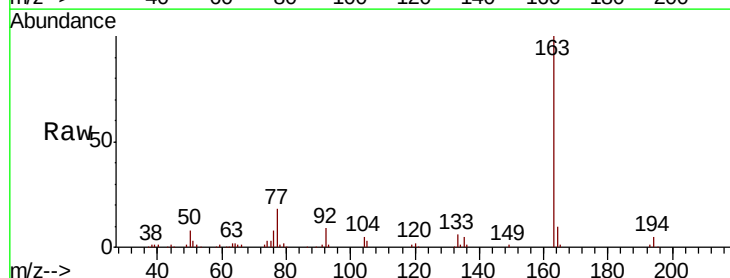
Instrument :
BNA_G
ClientSampleId :
TP-2-D

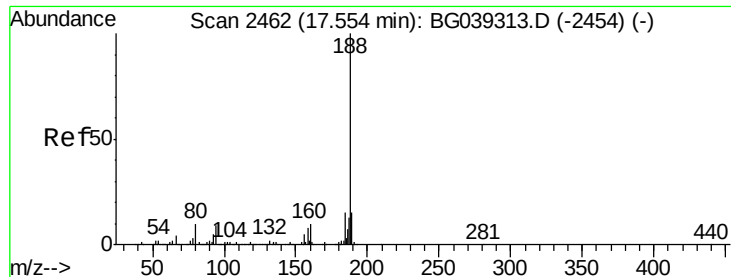
Tot Ion:172 Resp: 982934
Ion Ratio Lower Upper
172 100
171 38.3 30.8 46.2
170 25.0 20.2 30.4



#50
Dimethylphthalate
Concen: 7.645 ng
RT: 14.23 min Scan# 1897
Delta R.T. -0.02 min
Lab File: BG039465.D
Acq: 12 Feb 2019 15:52

Tgt Ion:163 Resp: 95797
Ion Ratio Lower Upper
163 100
194 4.6 3.6 5.4
164 10.5 8.4 12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.54 min Scan# 2459

Delta R.T. -0.02 min

Lab File: BG039465.D

Acq: 12 Feb 2019 15:52

Instrument :

BNA_G

ClientSampleId :

TP-2-D

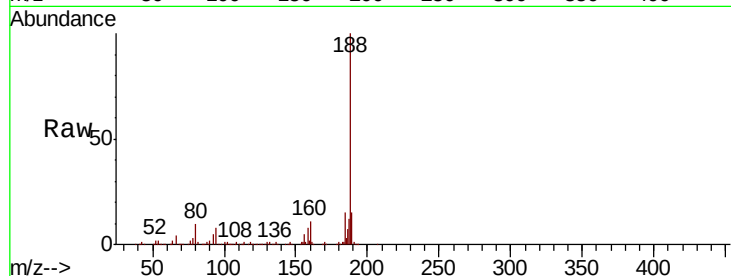
Tot Ion:188 Resp: 378372

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

80 9.7 8.1 12.1



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

300000

200000

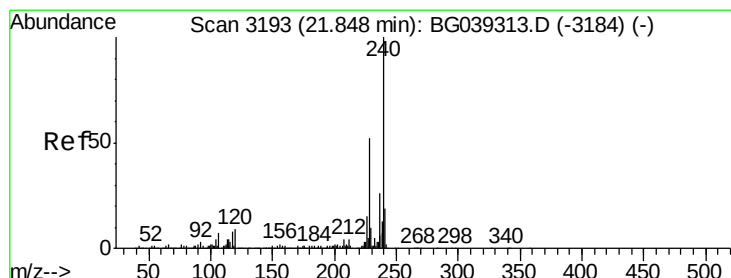
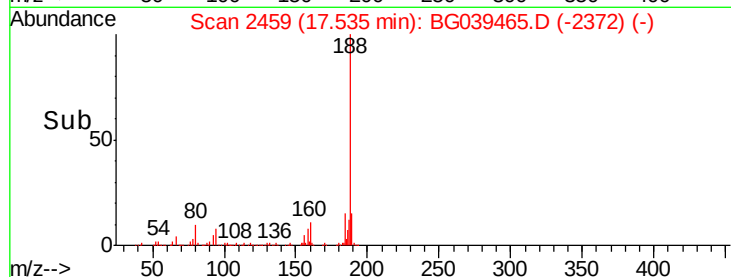
100000

0

17.54

17.50 17.60

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039465.D

Acq: 12 Feb 2019 15:52

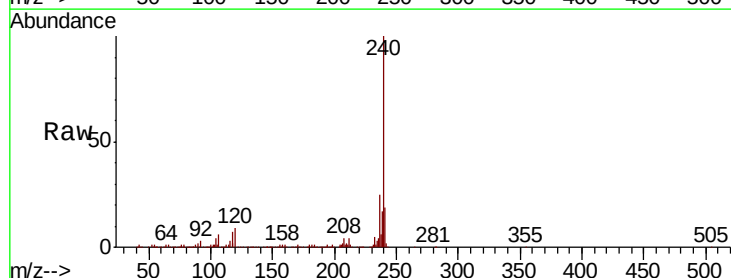
Tgt Ion:240 Resp: 385692

Ion Ratio Lower Upper

240 100

120 9.0 7.0 10.6

236 25.4 21.0 31.4



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

300000

250000

200000

150000

100000

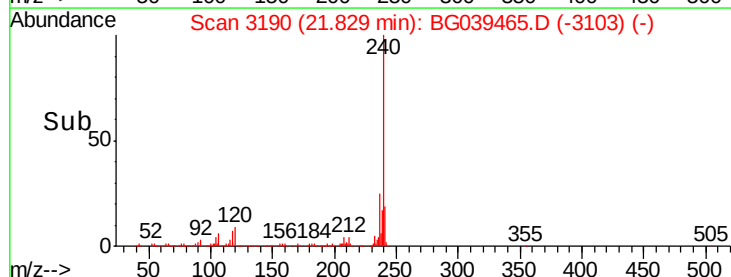
50000

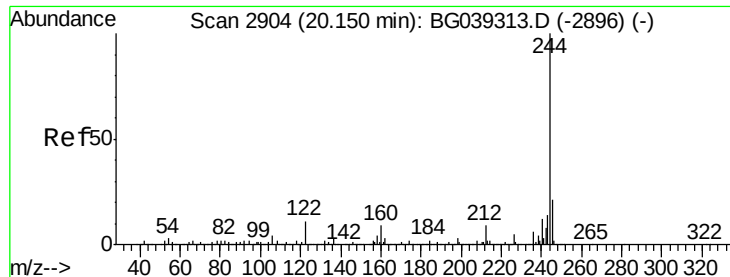
0

21.83

21.80 21.90

Time-->





#79

Terphenyl-d14

Concen: 82.919 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039465.D

Acq: 12 Feb 2019 15:52

Instrument :

BNA_G

ClientSampled :

TP-2-D

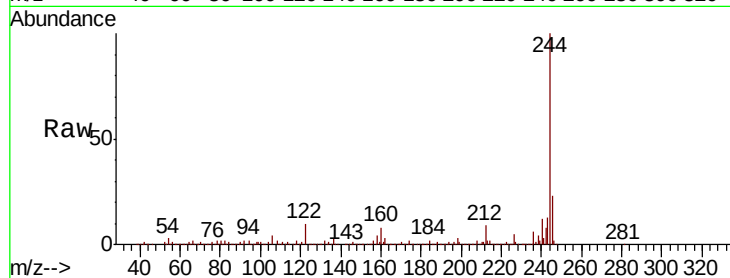
Tot Ion:244 Resp: 1510912

Ion Ratio Lower Upper

244 100

212 9.4 7.3 10.9

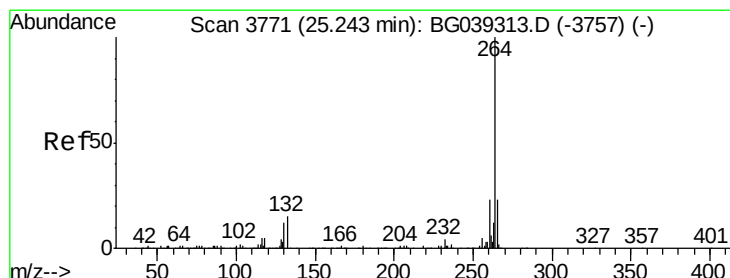
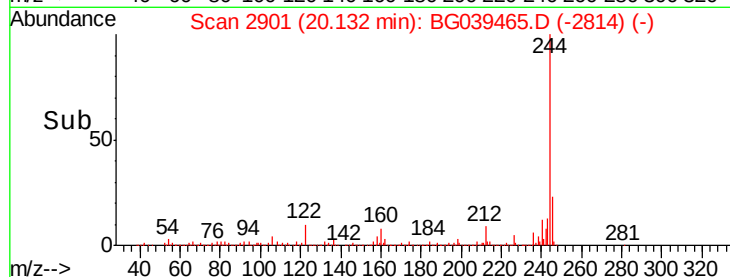
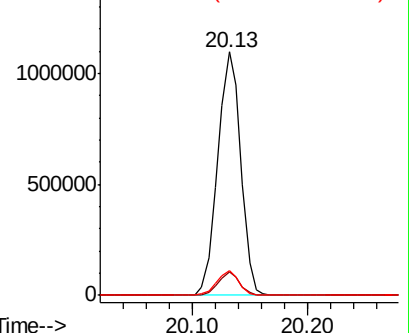
122 10.1 8.4 12.6



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.21 min Scan# 3765

Delta R.T. -0.04 min

Lab File: BG039465.D

Acq: 12 Feb 2019 15:52

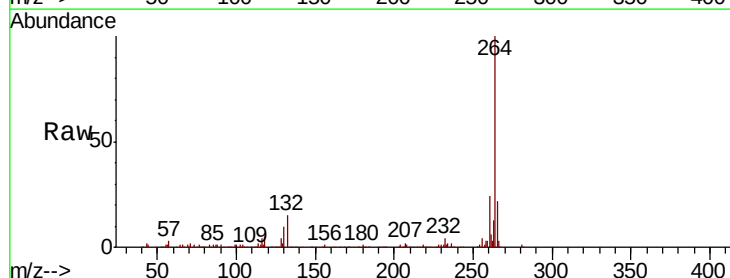
Tgt Ion:264 Resp: 384486

Ion Ratio Lower Upper

264 100

260 24.1 18.2 27.4

265 21.5 18.5 27.7



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

