

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121918\
 Data File : BG038733.D
 Acq On : 19 Dec 2018 19:05
 Operator : JU/SJ
 Sample : PB115792BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

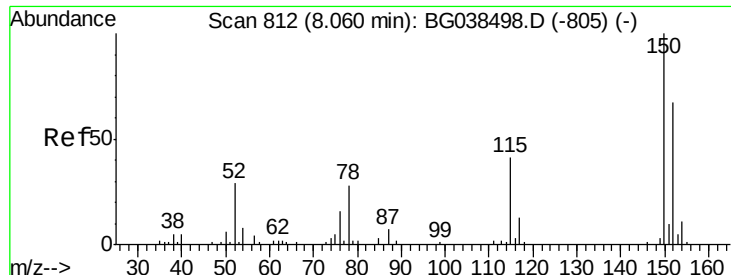
Instrument :
 BNA_G
 ClientSampleId :
 PB115792BL

Quant Time: Dec 19 23:55:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	24870	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	96574	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	66155	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	171382	20.00	ng	0.00
76) Chrysene-d12	21.72	240	181067	20.00	ng	0.00
87) Perylene-d12	25.01	264	185325	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	131328	93.66	ng	0.00
7) Phenol-d6	7.21	99	177207	92.06	ng	0.00
23) Nitrobenzene-d5	9.23	82	107356	56.79	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	81922	89.85	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	286339	59.38	ng	0.00
79) Terphenyl-d14	20.04	244	560310	67.35	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	14531	10.748	ng	# 69
51) 2,6-Dinitrotoluene	14.69	165	8511	6.952	ng	# 19
57) 2,4-Dinitrotoluene	14.69	165	8511	4.936	ng	# 21
67) 4-Bromophenyl-phenylether	16.18	248	5676	2.712	ng	# 1

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

```
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Sample    : PB115792BL  
Misc      :  
ALS Vial  : 7      Sample Multiplier: 1
```

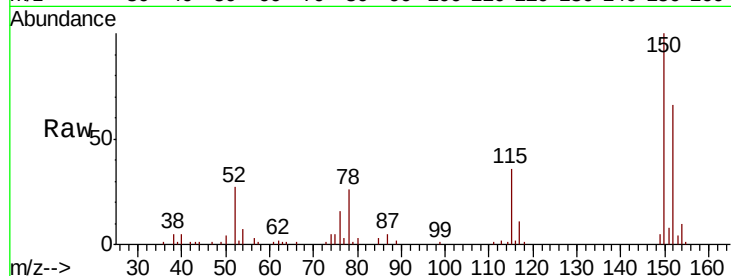


#1

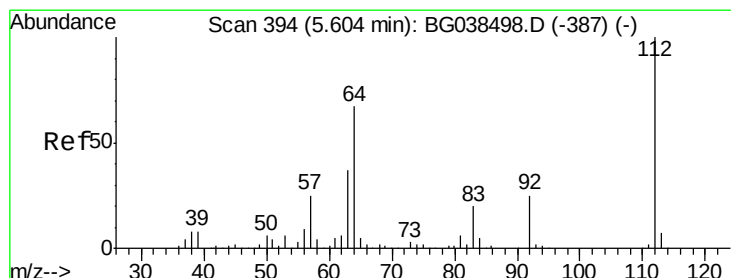
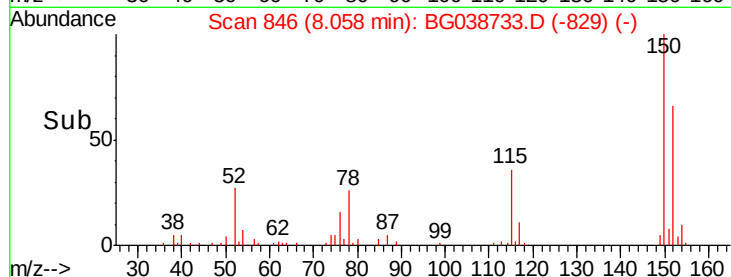
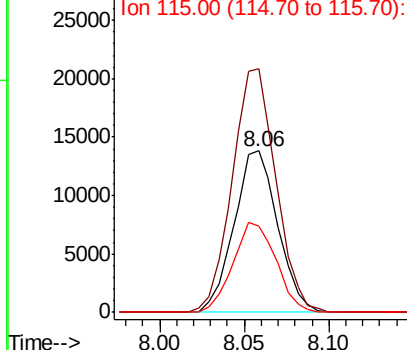
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038733.D
Acq: 19 Dec 2018 19:05

Instrument :
BNA_G
ClientSampleId :
PB115792BL

Tgt Ion:152 Resp: 24870
Ion Ratio Lower Upper
152 100
150 151.1 119.5 179.3
115 53.8 49.6 74.4



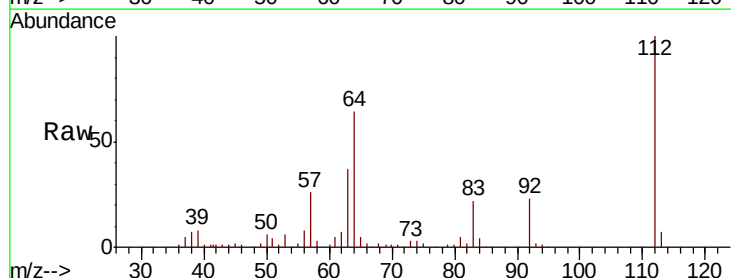
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



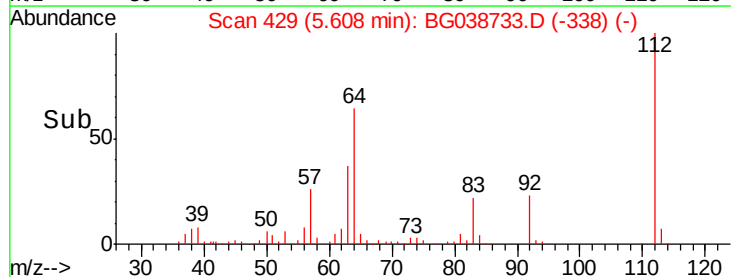
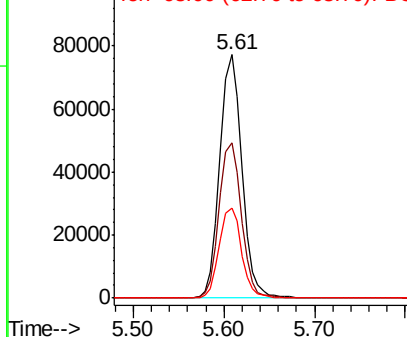
#5

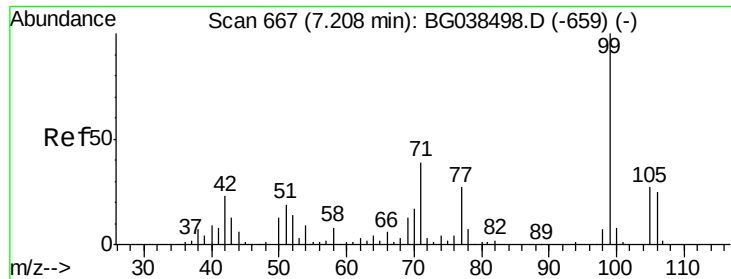
2-Fluorophenol
Concen: 93.659 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038733.D
Acq: 19 Dec 2018 19:05

Tgt Ion:112 Resp: 131328
Ion Ratio Lower Upper
112 100
64 64.0 53.4 80.2
63 37.2 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 92.059 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038733.D

Acq: 19 Dec 2018 19:05

Instrument :

BNA_G

ClientSampleId :

PB115792BL

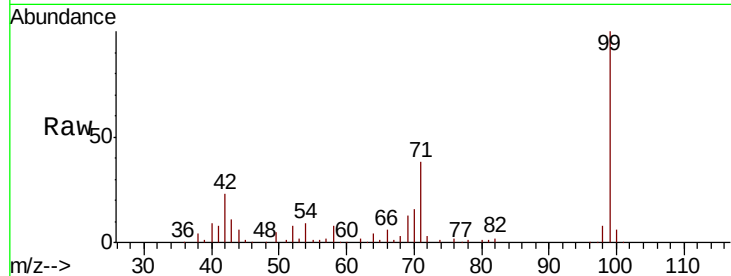
Tgt Ion: 99 Resp: 177207

Ion Ratio Lower Upper

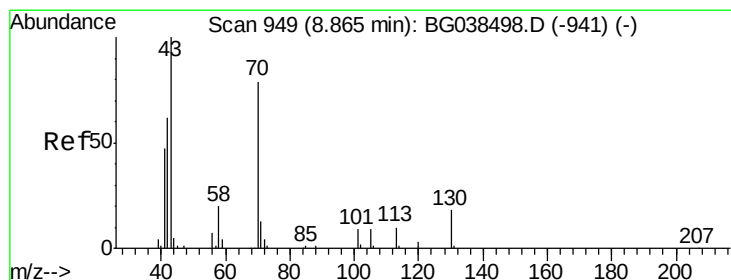
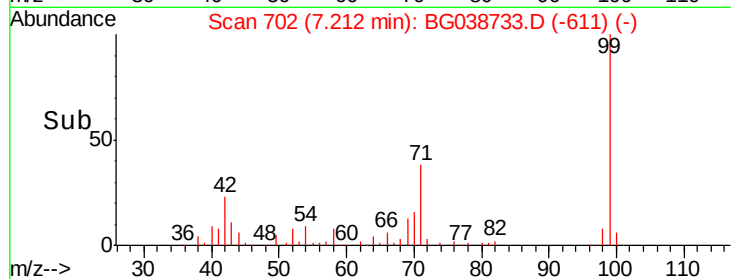
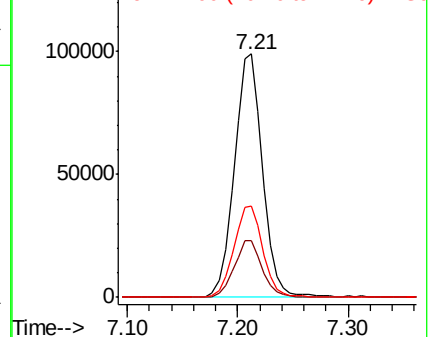
99 100

42 23.2 18.5 27.7

71 37.6 31.1 46.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.748 ng

RT: 9.23 min Scan# 1046

Delta R.T. 0.37 min

Lab File: BG038733.D

Acq: 19 Dec 2018 19:05

Tgt Ion: 70 Resp: 14531

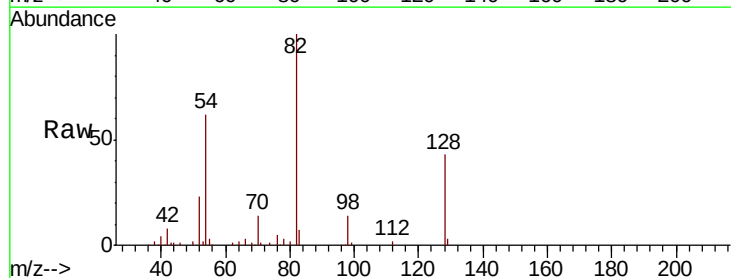
Ion Ratio Lower Upper

70 100

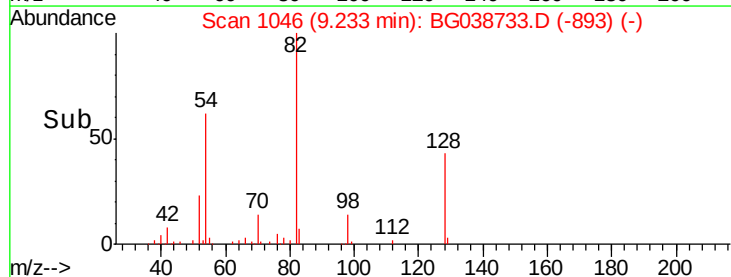
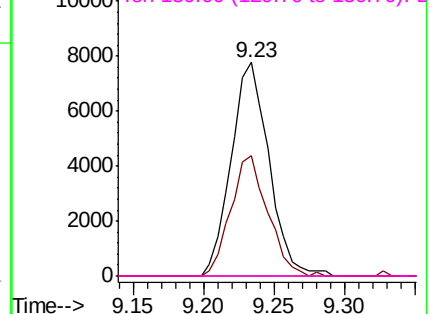
42 56.1 63.6 95.4#

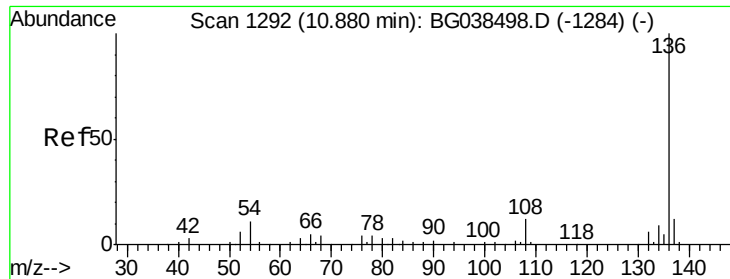
101 0.0 9.2 13.8#

130 0.0 18.5 27.7#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

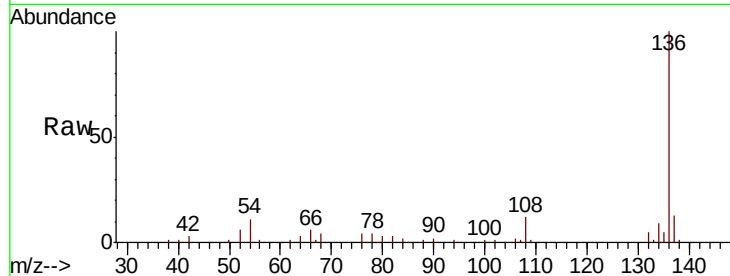




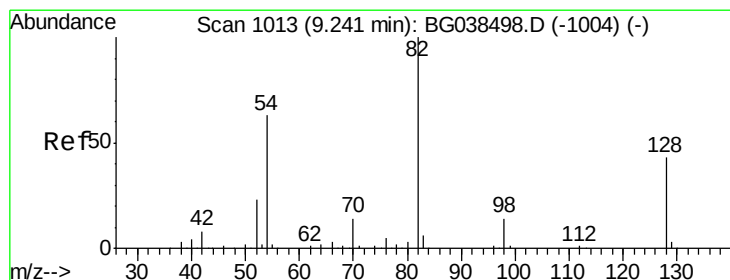
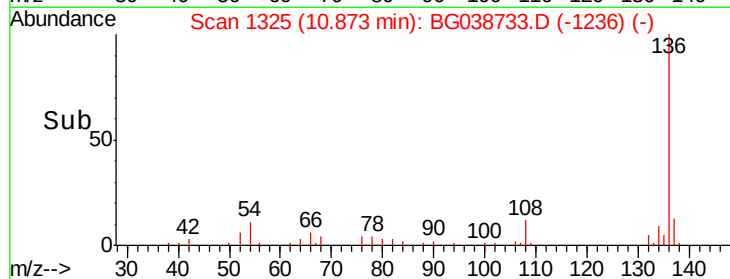
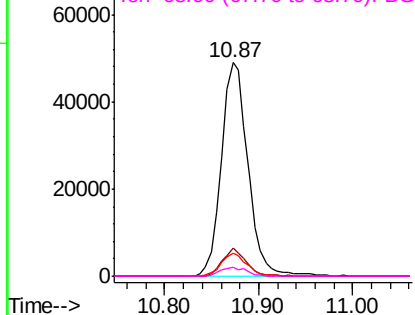
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038733.D
Acq: 19 Dec 2018 19:05

Instrument :
BNA_G
ClientSampleId :
PB115792BL

Tgt Ion:	136	Resp:	96574
Ion	Ratio	Lower	Upper
136	100		
137	13.2	9.3	13.9
54	11.1	8.5	12.7
68	4.1	3.5	5.3

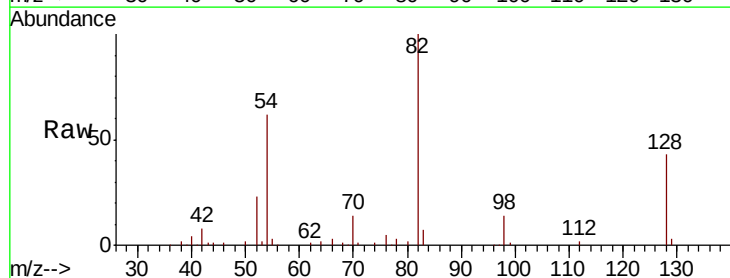


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

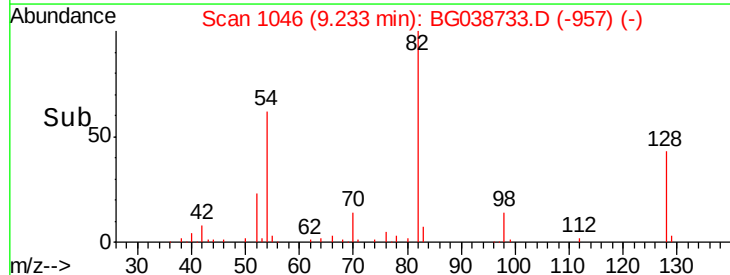
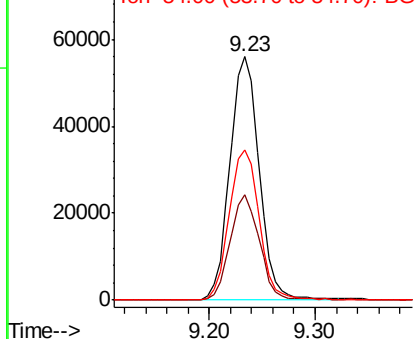


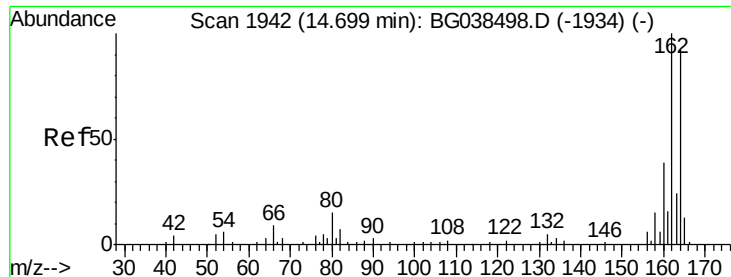
#23
Nitrobenzene-d5
Concen: 56.791 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038733.D
Acq: 19 Dec 2018 19:05

Tgt Ion:	82	Resp:	107356
Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.6	52.0
54	61.7	50.6	76.0



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: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG038733.D

Acq: 19 Dec 2018 19:05

Instrument :

BNA_G

ClientSampled :

PB115792BL

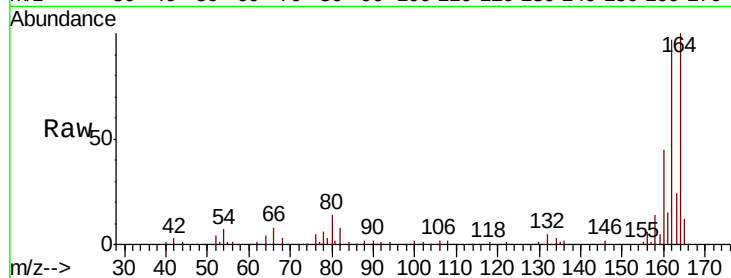
Tgt Ion:164 Resp: 66155

Ion Ratio Lower Upper

164 100

162 97.4 86.6 130.0

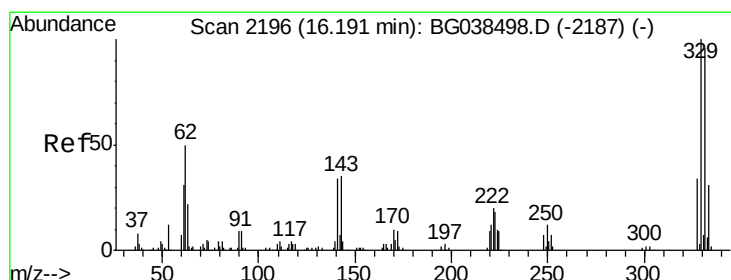
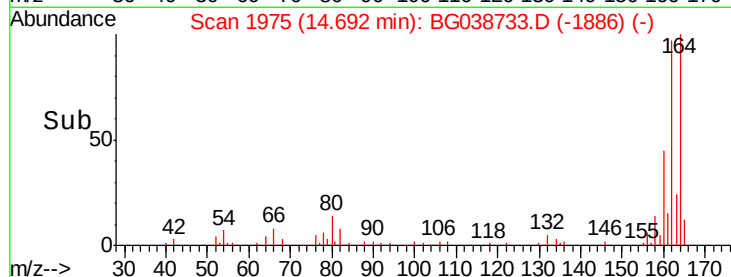
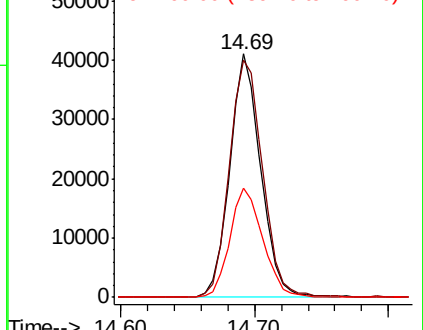
160 44.8 34.2 51.2



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: 89.853 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038733.D

Acq: 19 Dec 2018 19:05

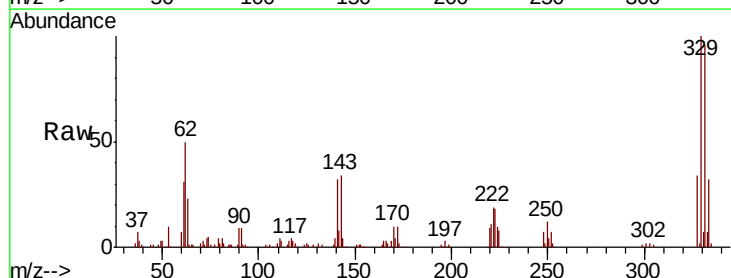
Tgt Ion:330 Resp: 81922

Ion Ratio Lower Upper

330 100

332 95.6 76.9 115.3

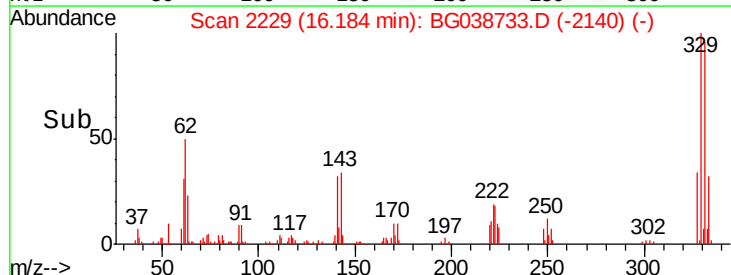
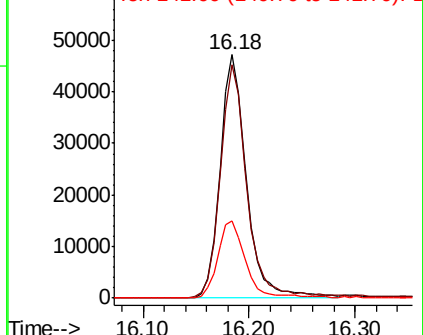
141 33.1 28.8 43.2

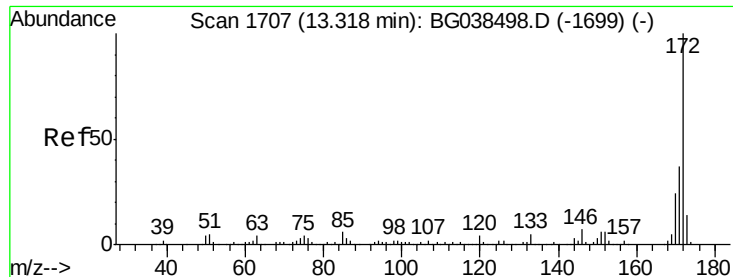


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

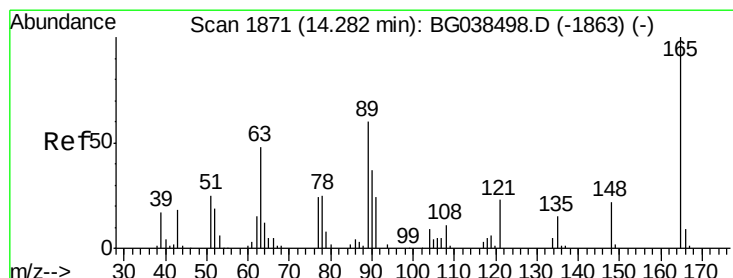
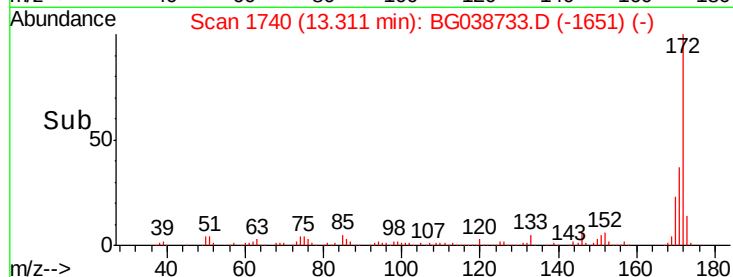
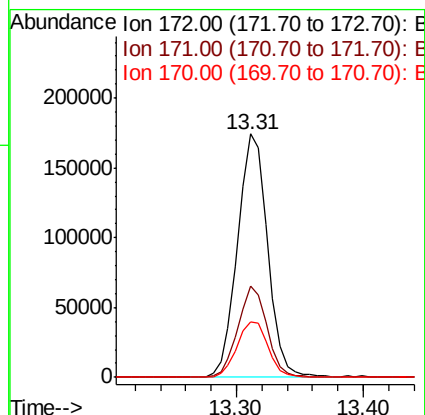
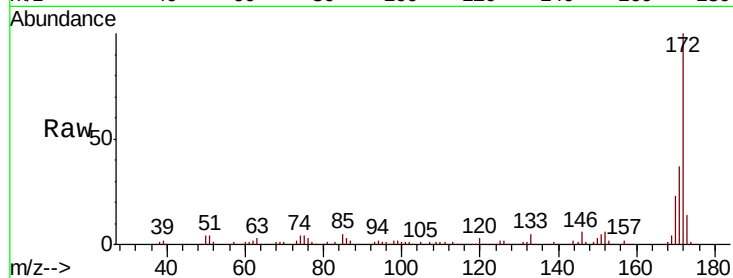




#45
2-Fluorobiphenyl
Concen: 59.378 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG038733.D
Acq: 19 Dec 2018 19:05

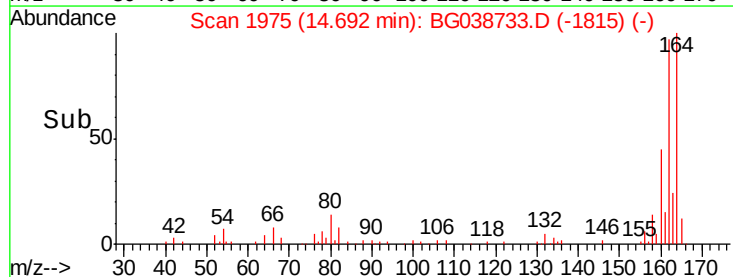
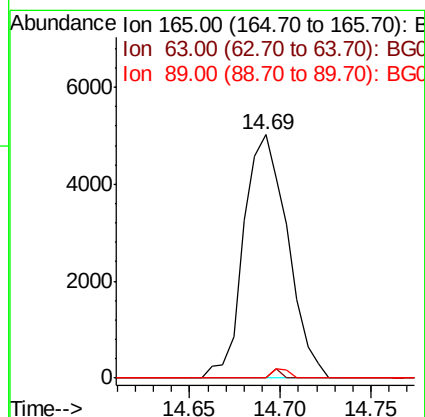
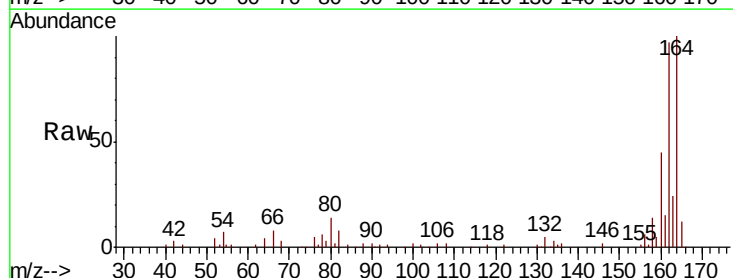
Instrument :
BNA_G
ClientSampleId :
PB115792BL

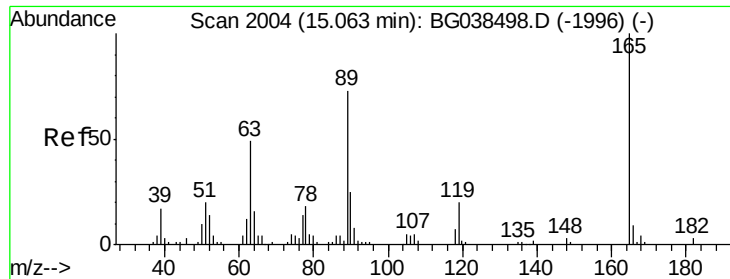
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.8	44.6
170	22.9	19.5	29.3



#51
2,6-Dinitrotoluene
Concen: 6.952 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.41 min
Lab File: BG038733.D
Acq: 19 Dec 2018 19:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.8	77.6#
89	0.0	47.9	71.9#

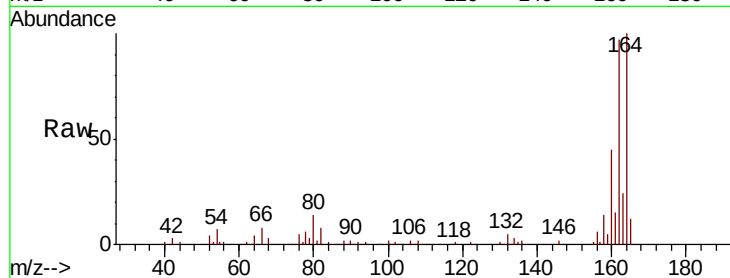




#57
2,4-Dinitrotoluene
Concen: 4.936 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.37 min
Lab File: BG038733.D
Acq: 19 Dec 2018 19:05

Instrument :
BNA_G
ClientSampleId :
PB115792BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.0	58.4#
89	0.0	58.0	87.0#
182	0.0	2.3	3.5#

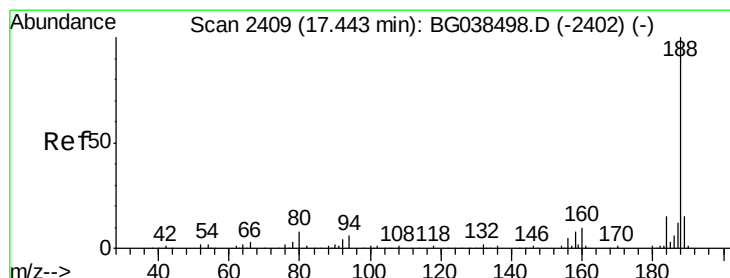
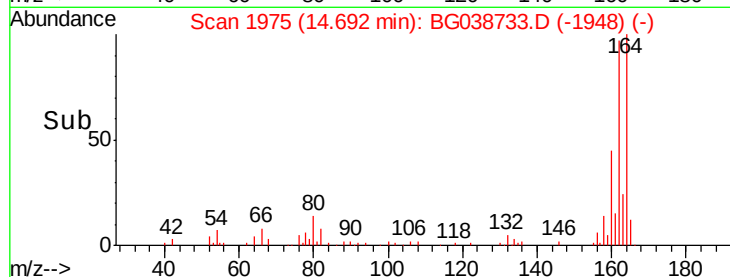
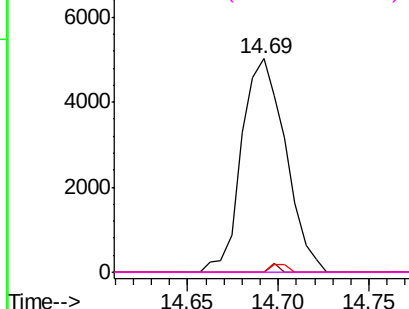


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

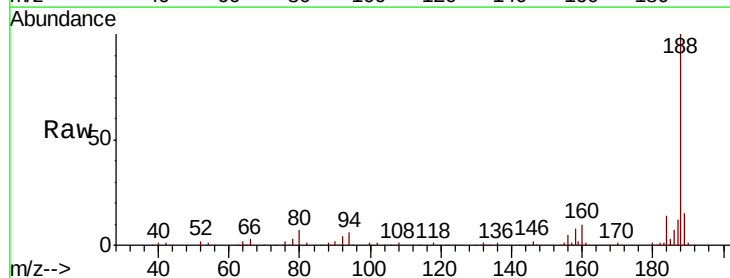
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038733.D
Acq: 19 Dec 2018 19:05

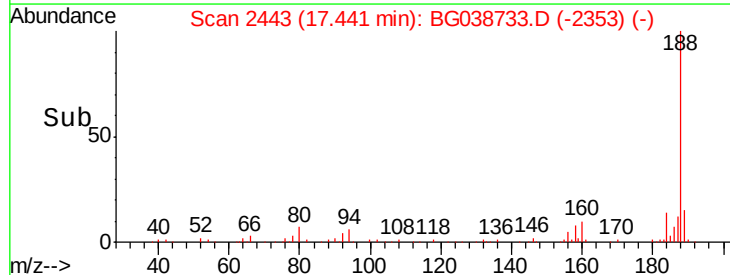
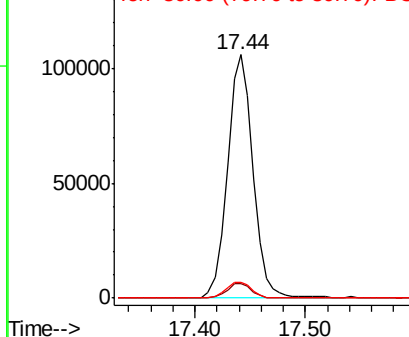
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.1	7.7
80	6.7	6.1	9.1

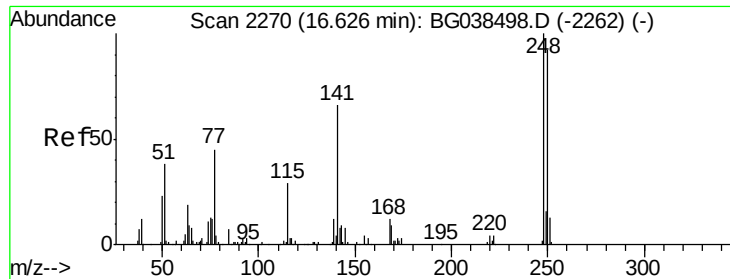


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

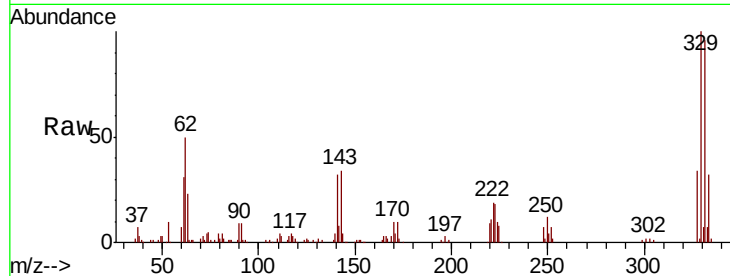




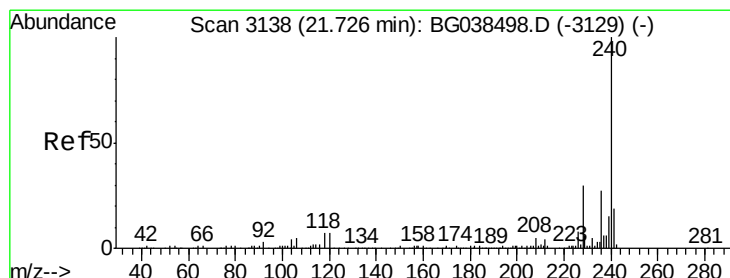
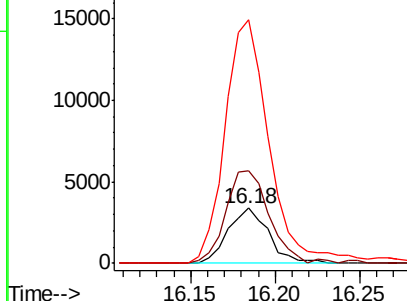
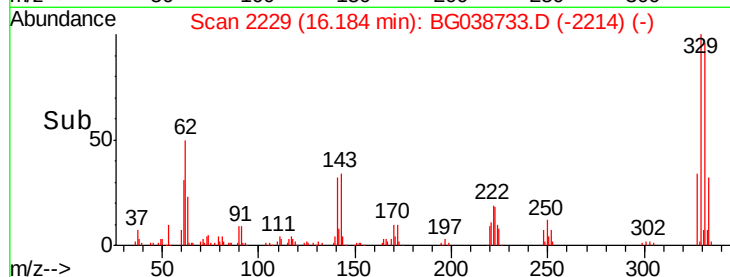
#67
4-Bromophenyl-phenylether
Concen: 2.712 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.44 min
Lab File: BG038733.D
Acq: 19 Dec 2018 19:05

Instrument :
BNA_G
ClientSampleId :
PB115792BL

Tgt Ion:248 Resp: 5676
Ion Ratio Lower Upper
248 100
250 165.5 73.4 110.2#
141 332.1 52.9 79.3#

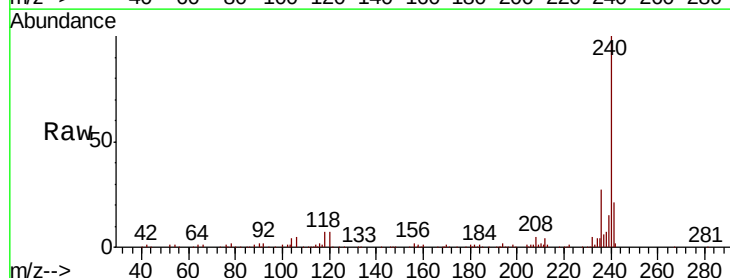


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

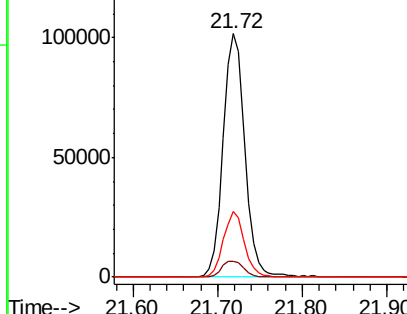
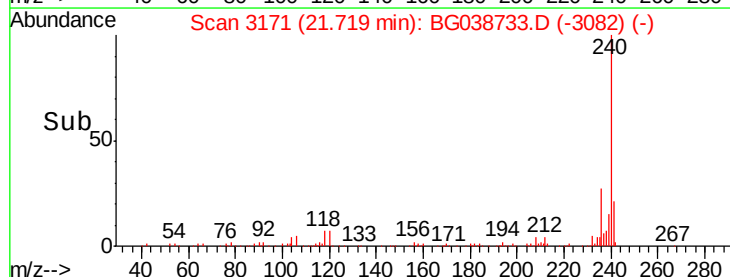


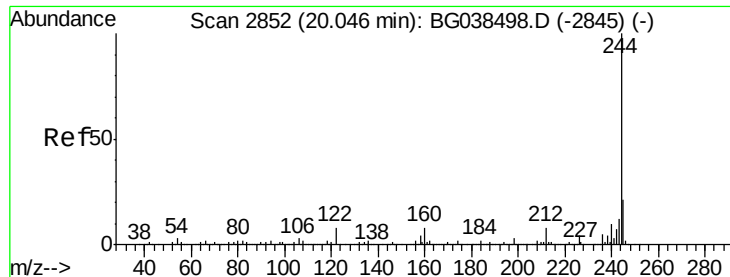
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038733.D
Acq: 19 Dec 2018 19:05

Tgt Ion:240 Resp: 181067
Ion Ratio Lower Upper
240 100
120 6.7 5.3 7.9
236 27.0 21.4 32.2



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





#79

Terphenyl-d14

Concen: 67.346 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038733.D

Acq: 19 Dec 2018 19:05

Instrument :

BNA_G

ClientSampled :

PB115792BL

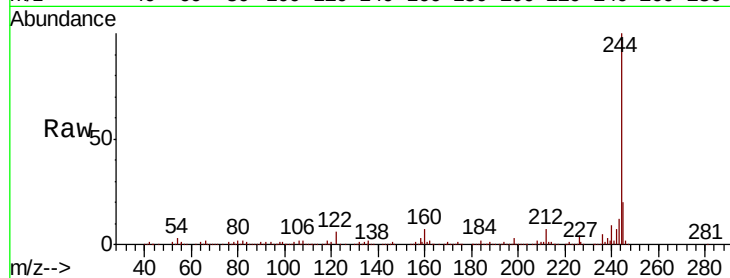
Tgt Ion:244 Resp: 560310

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

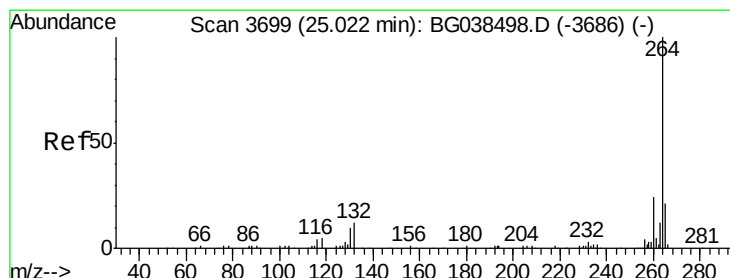
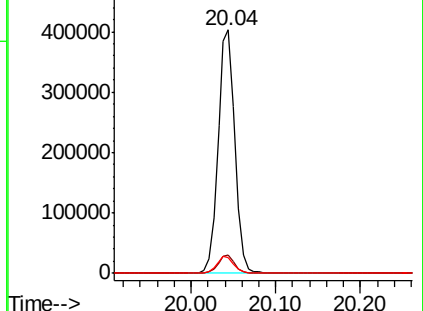
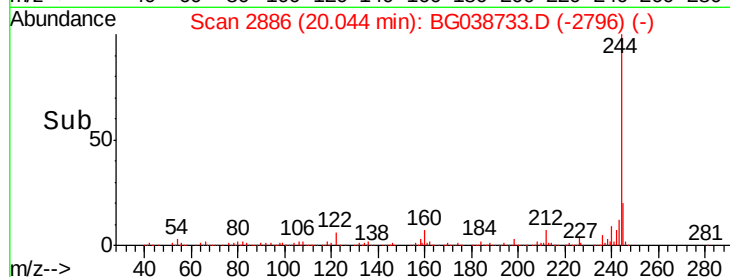
122 6.5 6.3 9.5



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: 25.01 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038733.D

Acq: 19 Dec 2018 19:05

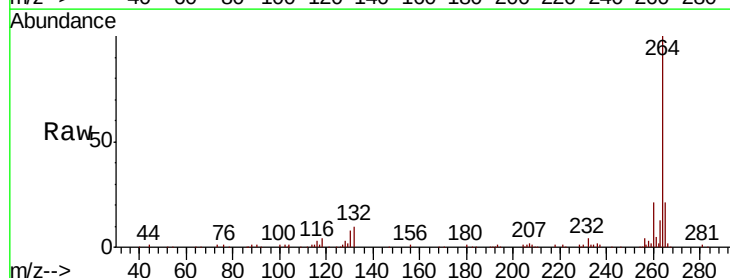
Tgt Ion:264 Resp: 185325

Ion Ratio Lower Upper

264 100

260 21.2 18.9 28.3

265 21.0 17.0 25.4



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

