

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111017\
 Data File : BG030923.D
 Acq On : 11 Nov 2017 1:29
 Operator : SJ/JU
 Sample : I6383-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 11 05:05:39 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

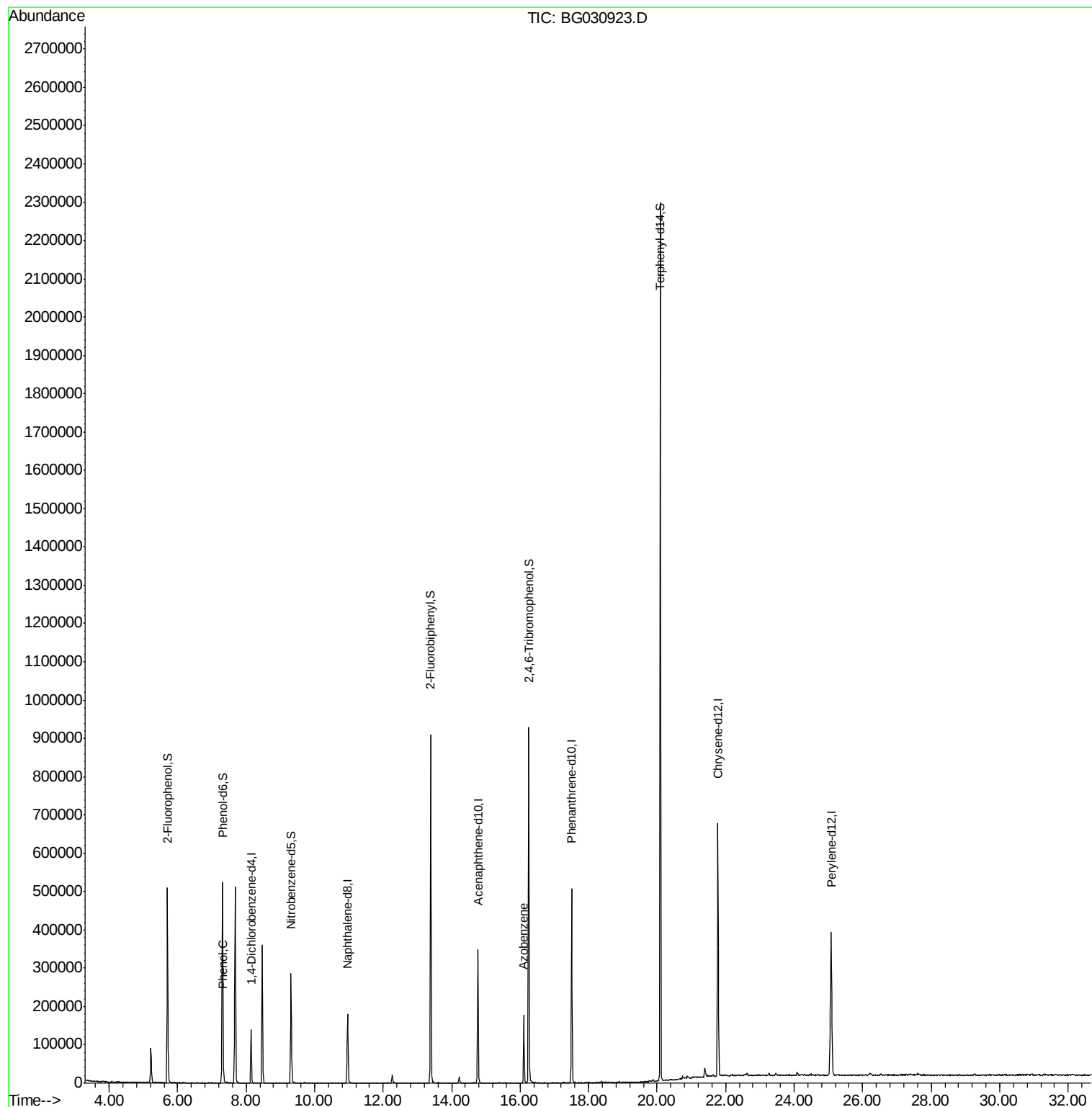
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	43132	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	181307	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	126837	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	339349	20.00	ng	0.00
75) Chrysene-d12	21.77	240	433953	20.00	ng	0.00
86) Perylene-d12	25.08	264	434419	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	246002	97.80	ng	0.00
7) Phenol-d6	7.31	99	325716	96.12	ng	0.00
23) Nitrobenzene-d5	9.31	82	188651	61.66	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	209354	102.03	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	536262	60.75	ng	-0.01
78) Terphenyl-d14	20.09	244	1124759	57.23	ng	0.00
Target Compounds						
10) Phenol	7.33	94	9346	2.66	ng	Qvalue 85
62) Azobenzene	16.11	77	53662	6.32	ng	# 1

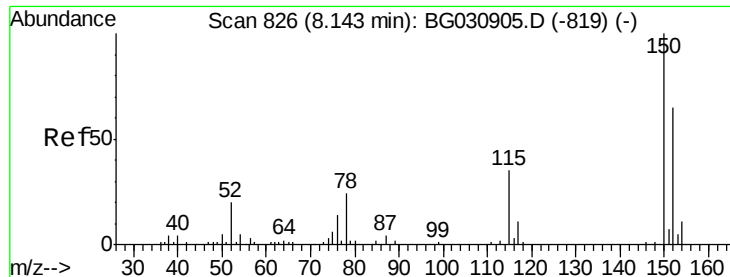
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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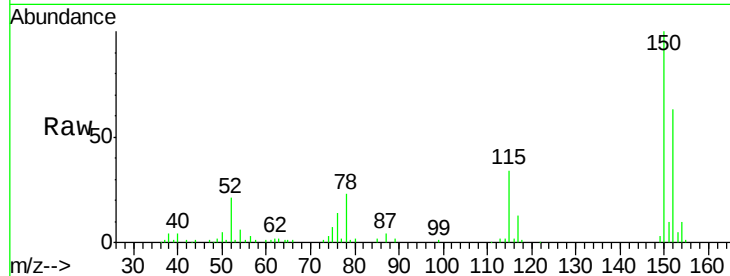


#1

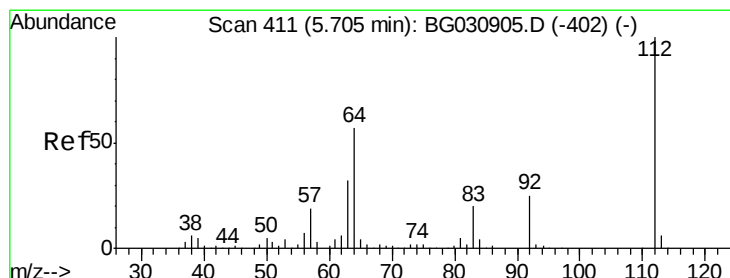
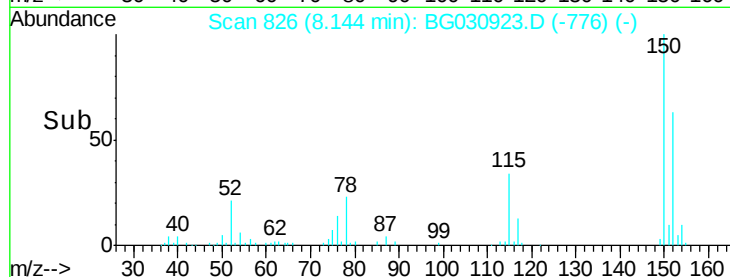
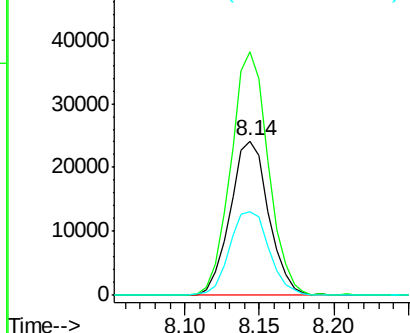
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG030923.D
Acq: 11 Nov 2017 1:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 43132
Ion Ratio Lower Upper
152 100
150 157.7 126.6 189.8
115 54.4 53.0 79.4



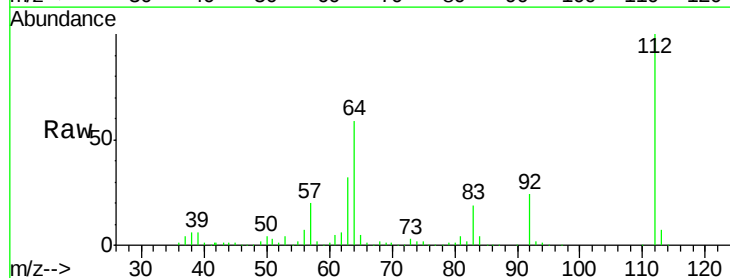
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



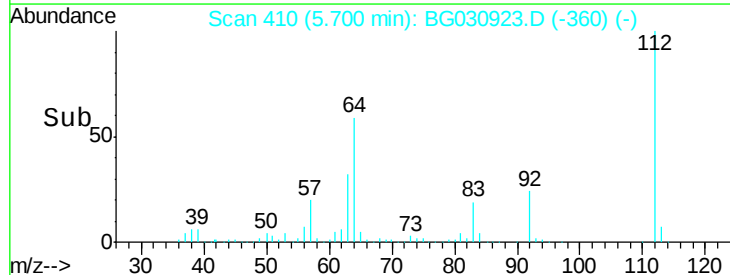
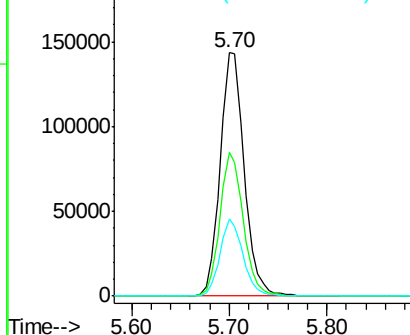
#5

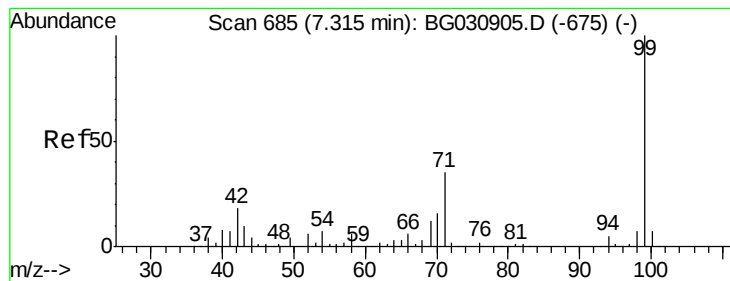
2-Fluorophenol
Concen: 97.80 ng
RT: 5.70 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG030923.D
Acq: 11 Nov 2017 1:29

Tgt Ion:112 Resp: 246002
Ion Ratio Lower Upper
112 100
64 58.8 56.3 84.5
63 32.0 30.1 45.1



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: 96.12 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG030923.D

Acq: 11 Nov 2017 1:29

Instrument :

BNA_G

ClientSampled :

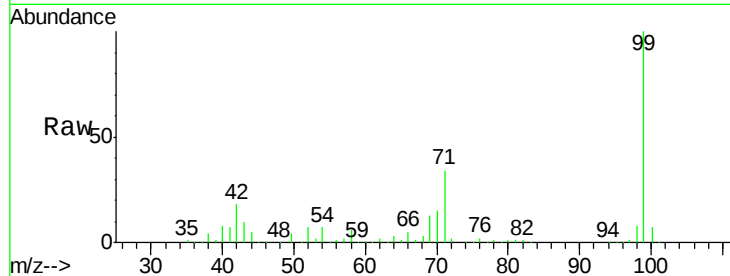
Tot Ion: 99 Resp: 325716

Ion Ratio Lower Upper

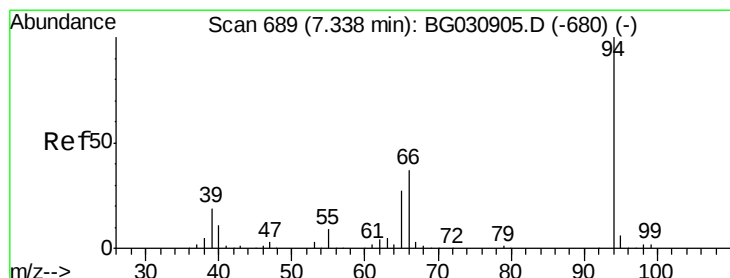
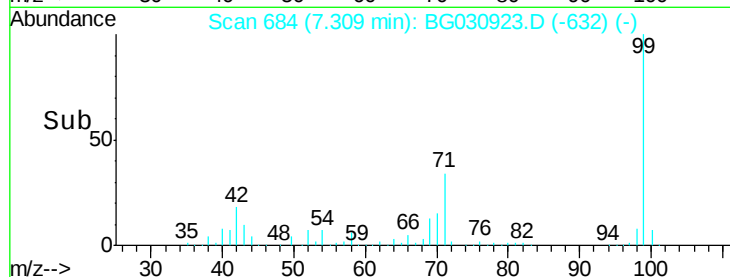
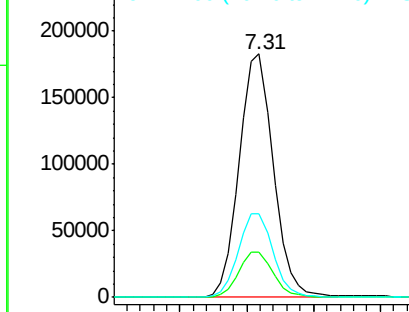
99 100

42 18.3 14.1 21.1

71 34.4 26.1 39.1



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: 2.66 ng

RT: 7.33 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG030923.D

Acq: 11 Nov 2017 1:29

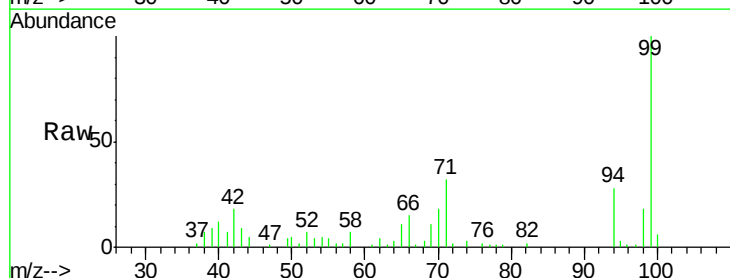
Tgt Ion: 94 Resp: 9346

Ion Ratio Lower Upper

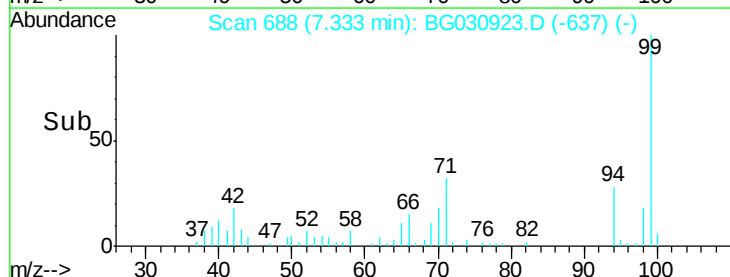
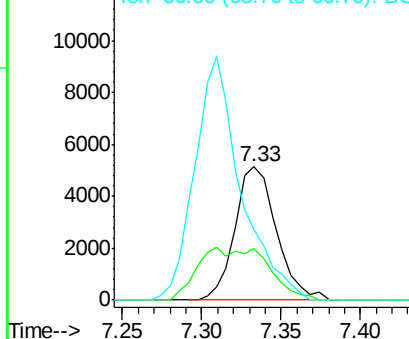
94 100

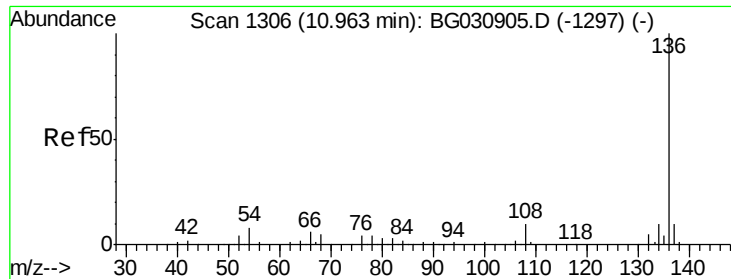
65 38.5 11.9 51.9

66 53.2 22.2 62.2



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

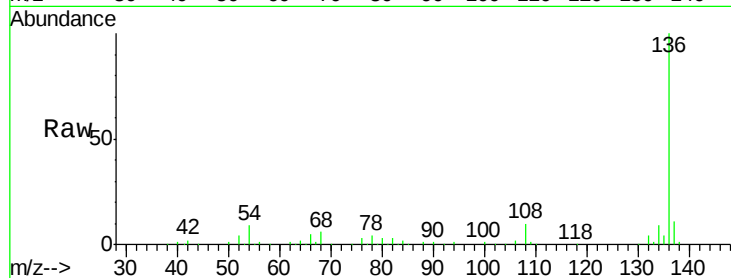




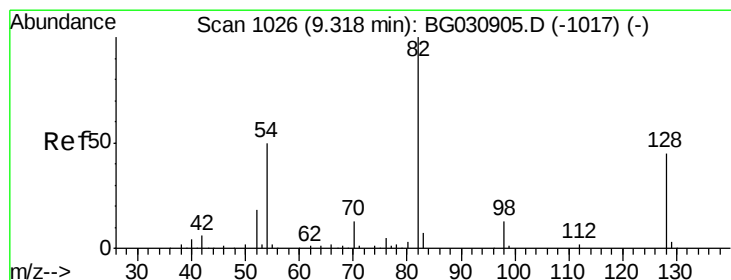
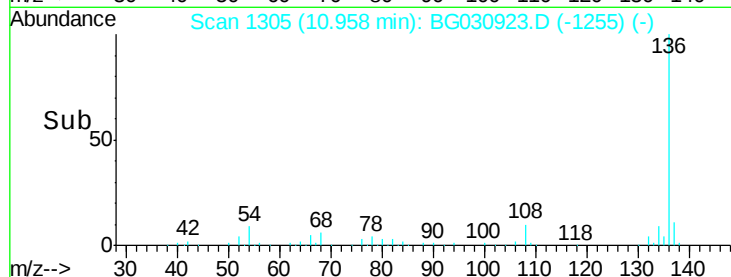
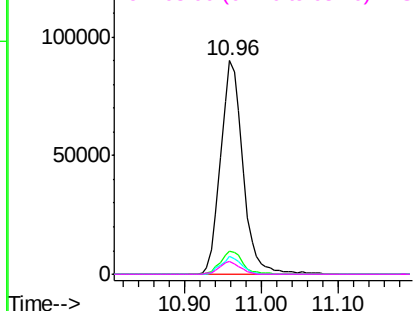
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG030923.D
Acq: 11 Nov 2017 1:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	181307
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	8.6	10.3	15.5
68	5.9	4.5	6.7

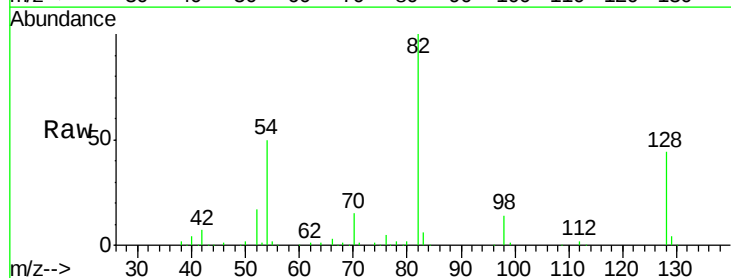


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

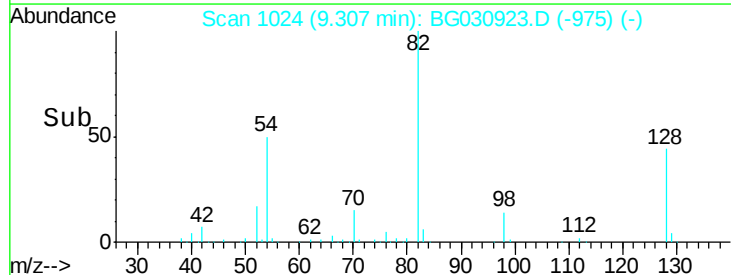
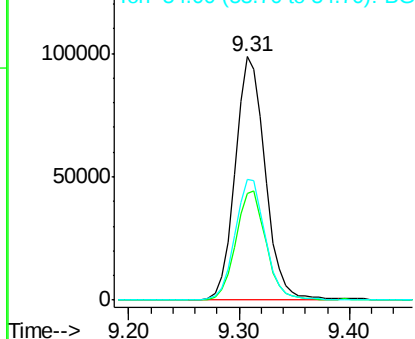


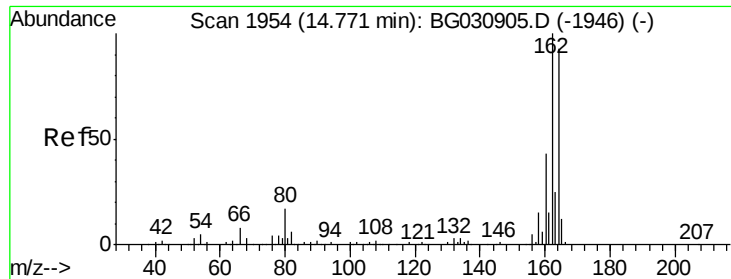
#23
Nitrobenzene-d5
Concen: 61.66 ng
RT: 9.31 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG030923.D
Acq: 11 Nov 2017 1:29

Tgt Ion:	82	Resp:	188651
Ion	Ratio	Lower	Upper
82	100		
128	43.6	29.7	44.5
54	49.7	43.1	64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.77 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG030923.D

Acq: 11 Nov 2017 1:29

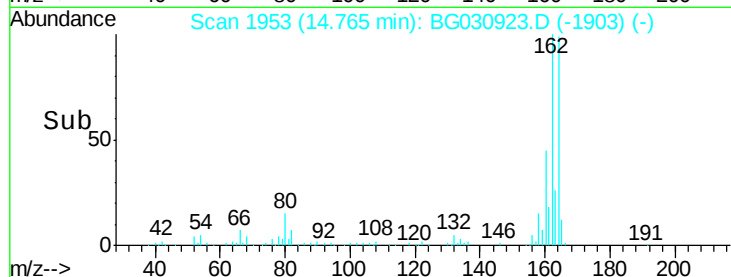
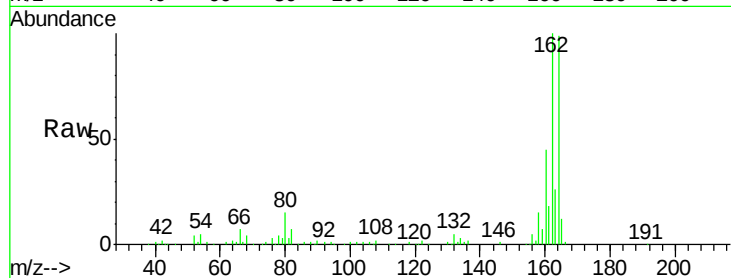
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 126837

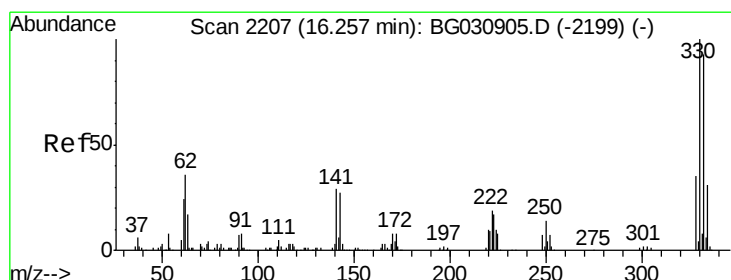
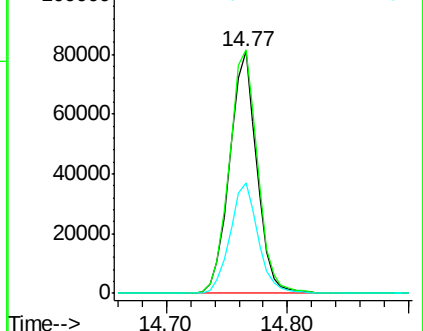
Ion	Ratio	Lower	Upper
164	100		
162	100.7	78.8	118.2
160	45.7	35.4	53.0



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: 102.03 ng

RT: 16.25 min Scan# 2205

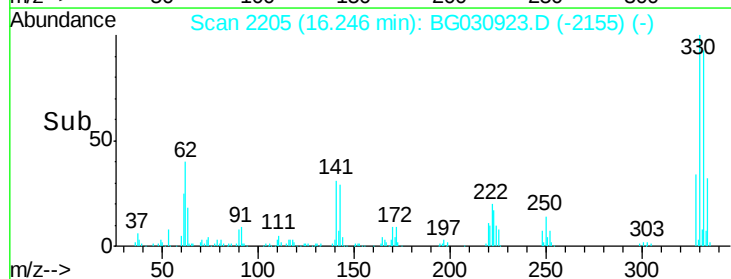
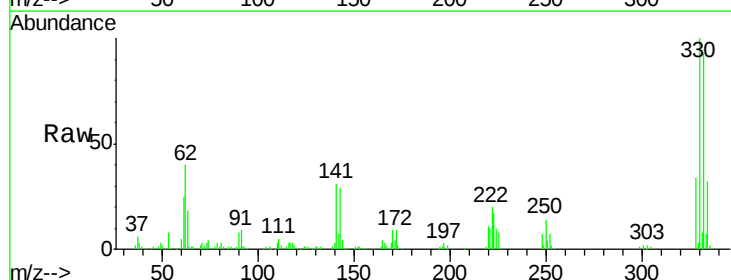
Delta R.T. -0.01 min

Lab File: BG030923.D

Acq: 11 Nov 2017 1:29

Tgt Ion:330 Resp: 209354

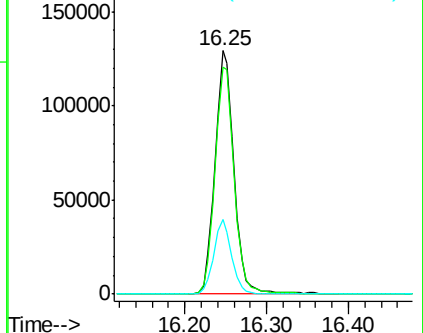
Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.0	115.6
141	29.2	25.2	37.8

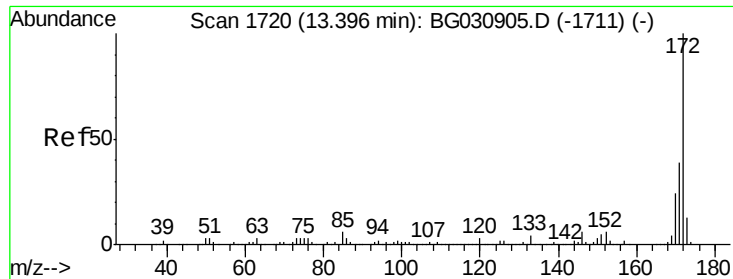


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

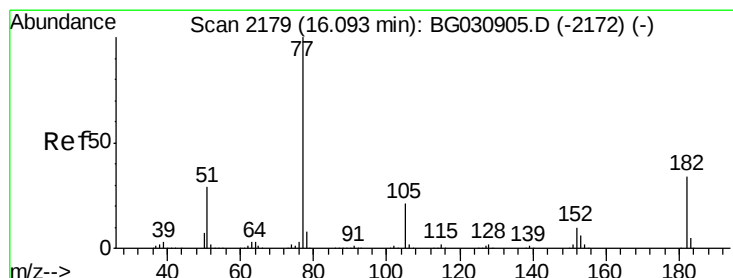
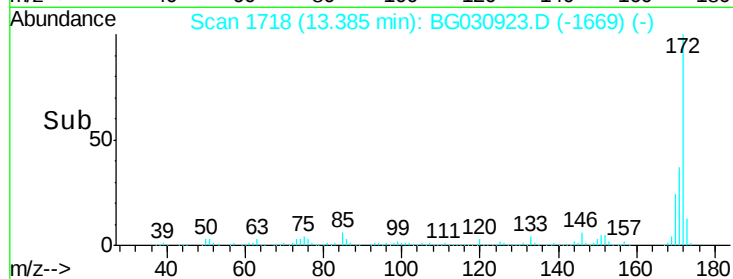
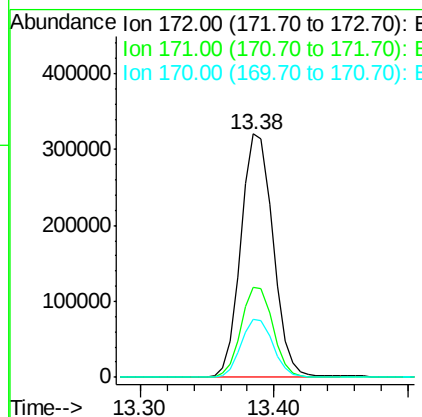
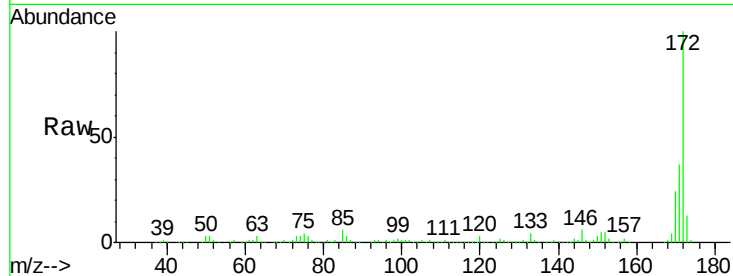




#44
 2-Fluorobiphenyl
 Concen: 60.75 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG030923.D
 Acq: 11 Nov 2017 1:29

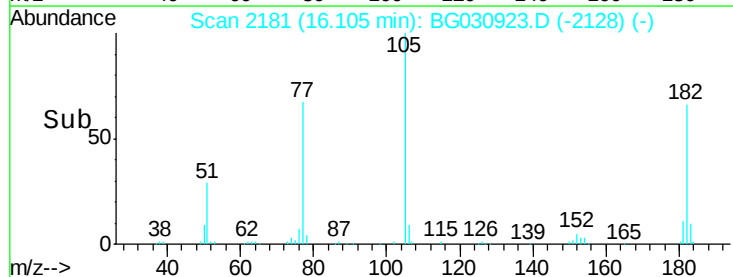
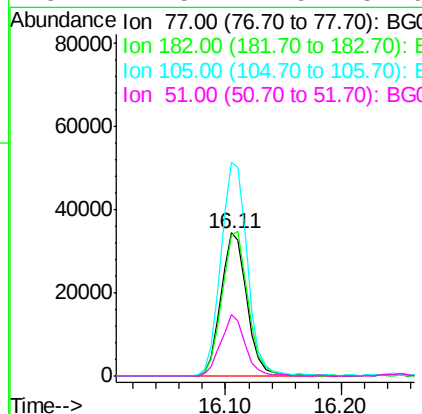
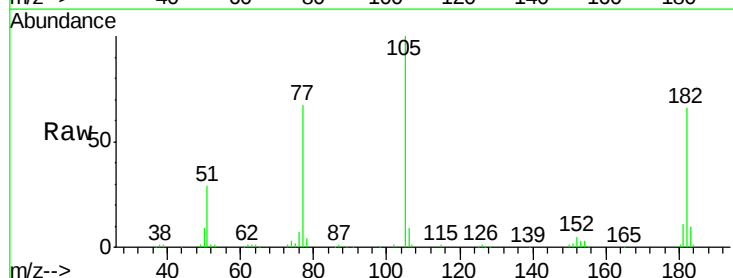
Instrument :
 BNA_G
 ClientSampleId :

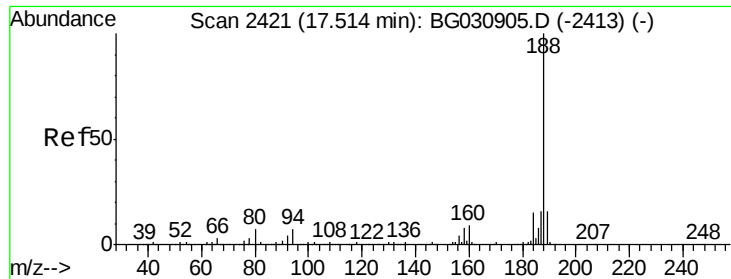
Tot Ion:172 Resp: 536262
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.0 45.0
 170 23.6 19.5 29.3



#62
 Azobenzene
 Concen: 6.32 ng
 RT: 16.11 min Scan# 2181
 Delta R.T. 0.01 min
 Lab File: BG030923.D
 Acq: 11 Nov 2017 1:29

Tgt Ion: 77 Resp: 53662
 Ion Ratio Lower Upper
 77 100
 182 98.6 7.4 47.4#
 105 149.2 0.3 40.3#
 51 42.5 11.6 51.6

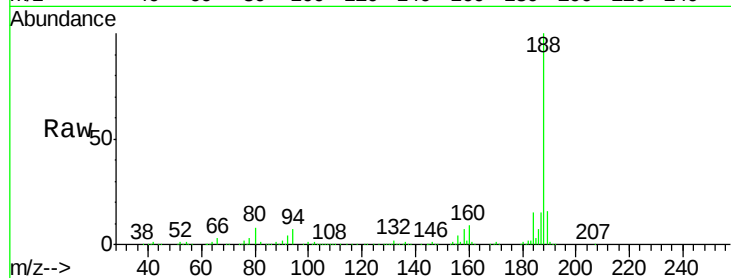




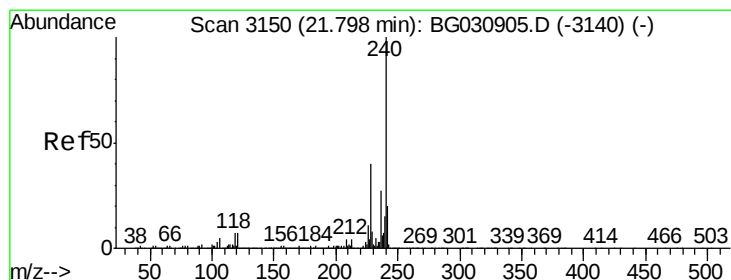
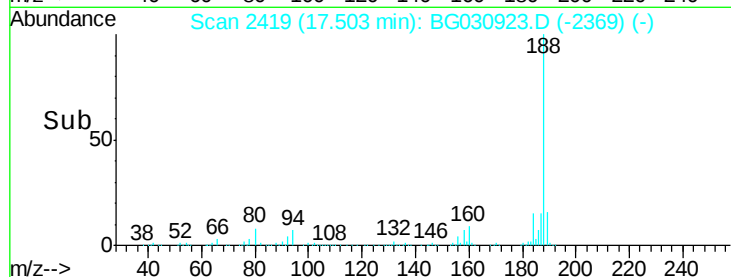
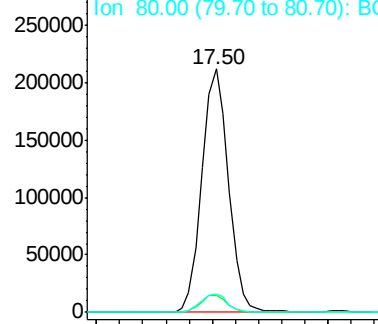
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG030923.D
Acq: 11 Nov 2017 1:29

Instrument :
BNA_G
ClientSampled :

Tot Ion:188 Resp: 339349
Ion Ratio Lower Upper
188 100
94 7.0 6.9 10.3
80 7.6 7.7 11.5#

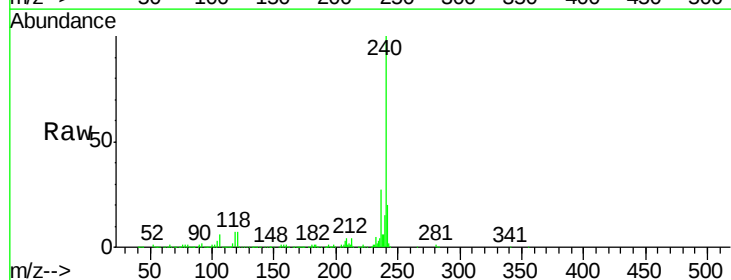


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

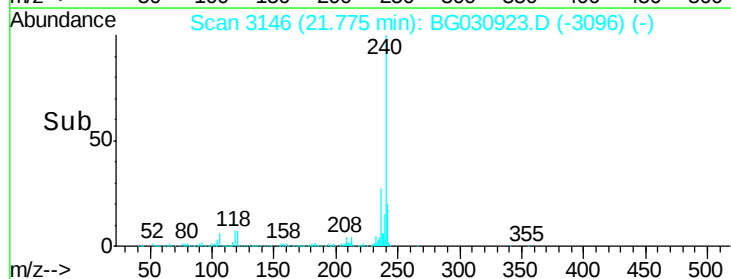
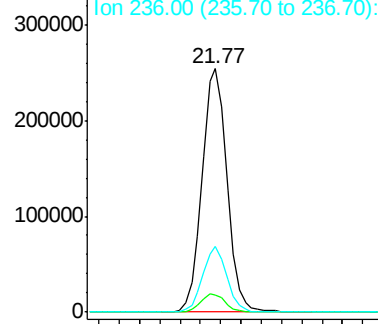


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG030923.D
Acq: 11 Nov 2017 1:29

Tgt Ion:240 Resp: 433953
Ion Ratio Lower Upper
240 100
120 7.2 6.8 10.2
236 26.8 20.9 31.3



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: 57.23 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BG030923.D

Acq: 11 Nov 2017 1:29

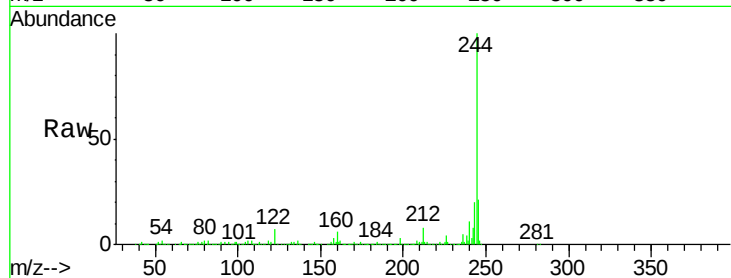
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1124759

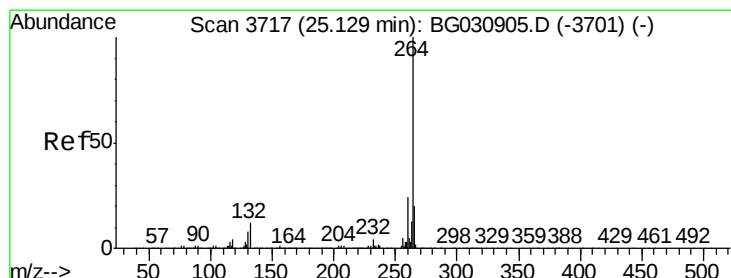
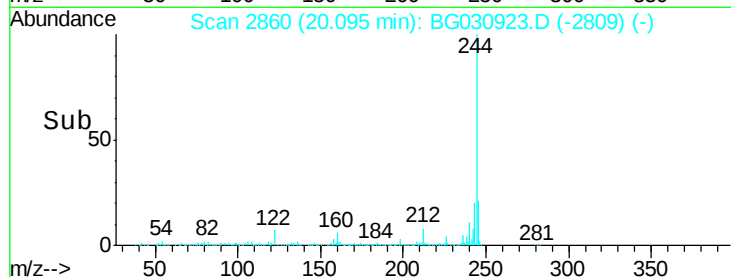
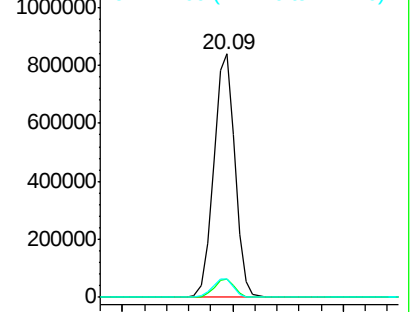
Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	7.4	7.0	10.4



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: 25.08 min Scan# 3708

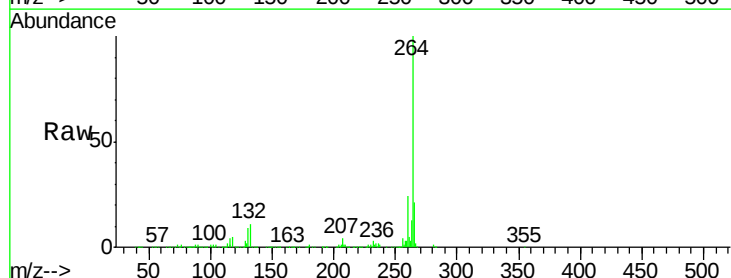
Delta R.T. -0.01 min

Lab File: BG030923.D

Acq: 11 Nov 2017 1:29

Tgt Ion:264 Resp: 434419

Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	21.0	17.7	26.5



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

