

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112917\
 Data File : BG031278.D
 Acq On : 29 Nov 2017 19:45
 Operator : SJ/JU
 Sample : I6304-25
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 30 03:08:55 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

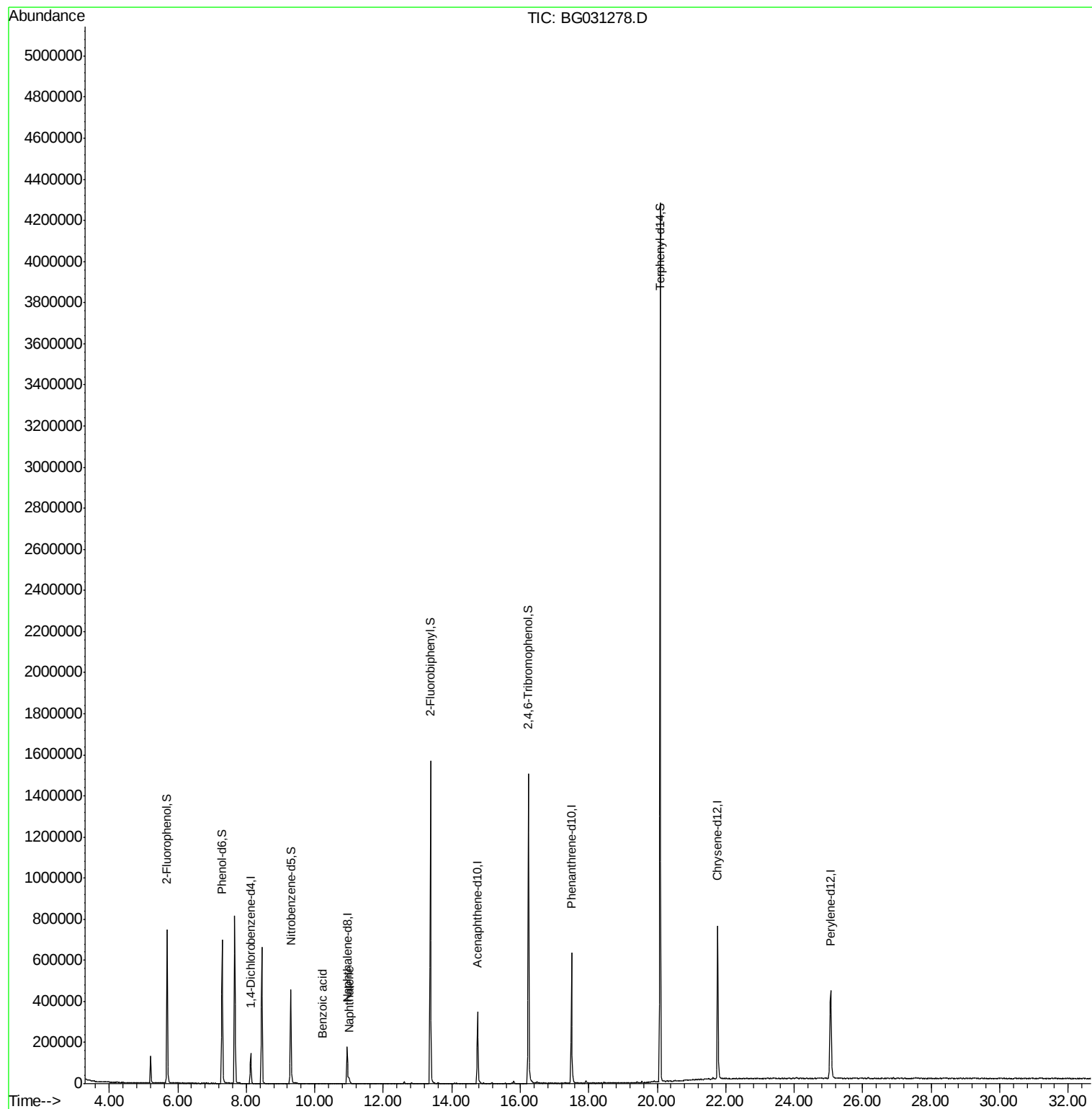
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	45810	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	203888	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	139785	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	432033	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	523779	20.00	ng	-0.02
86) Perylene-d12	25.06	264	508324	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	388586	145.46	ng	-0.02
7) Phenol-d6	7.30	99	471163	130.91	ng	-0.01
23) Nitrobenzene-d5	9.30	82	312004	90.68	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	323216	142.94	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	959777	98.66	ng	-0.02
78) Terphenyl-d14	20.09	244	2186666	92.18	ng	-0.01
Target Compounds						
31) Naphthalene	11.00	128	26590	2.65	ng	Qvalue 98
32) Benzoic acid	10.22	122	60	5.68	ng	# 1

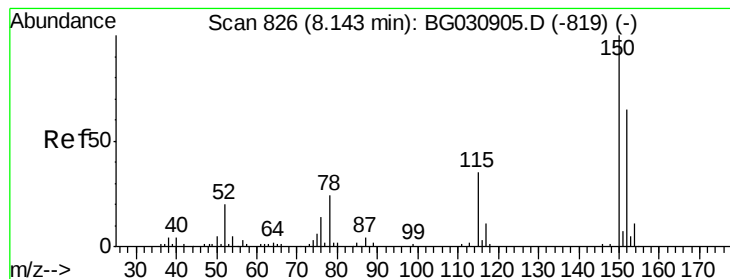
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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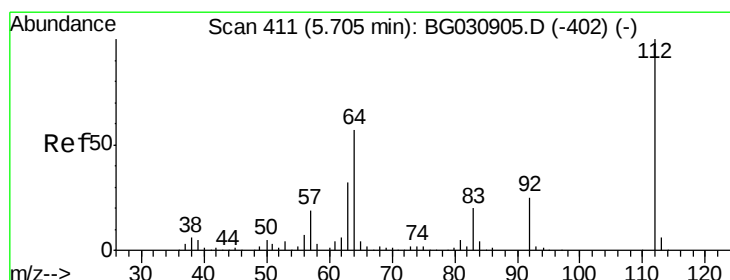
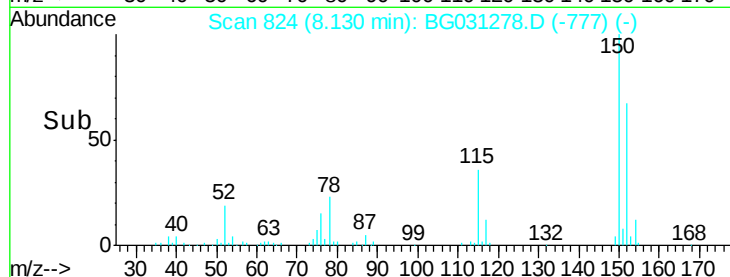
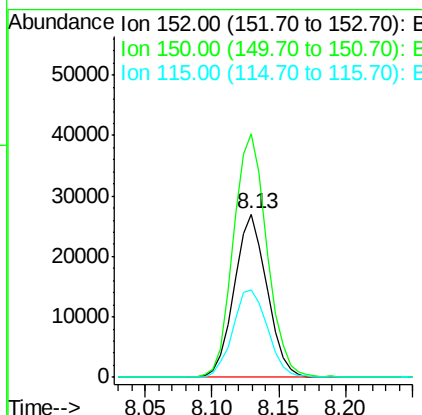
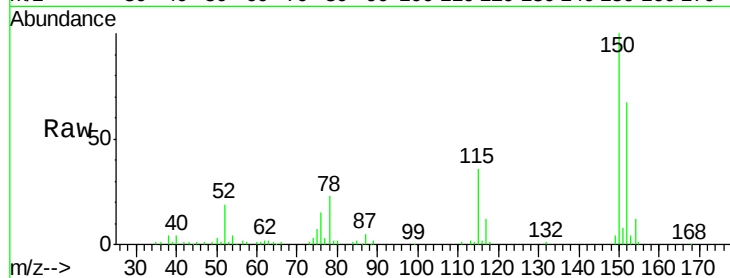


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031278.D
Acq: 29 Nov 2017 19:45

Instrument :
BNA_G
ClientSampled :

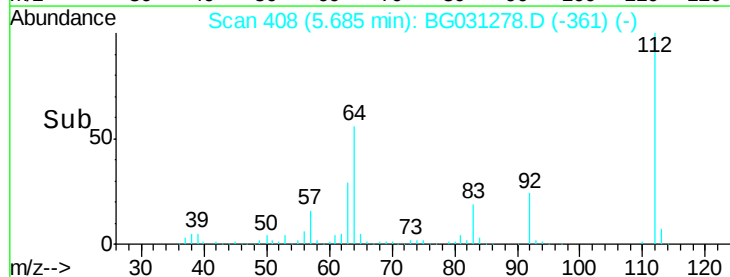
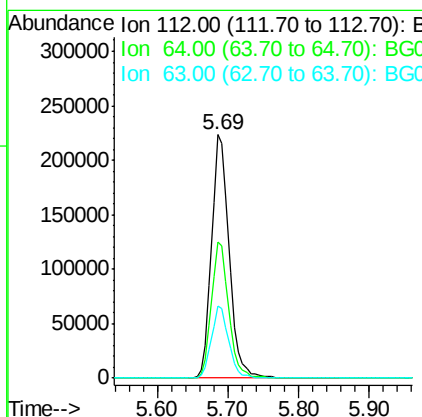
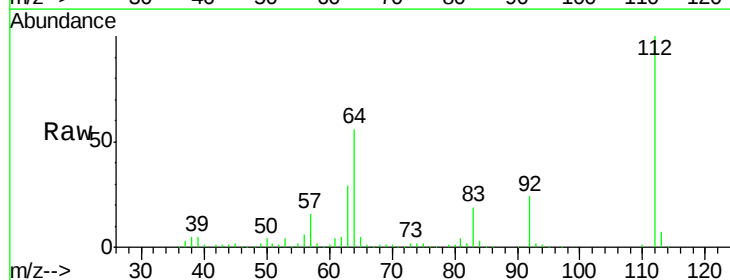
Tot Ion:152 Resp: 45810
Ion Ratio Lower Upper
152 100
150 149.4 126.6 189.8
115 53.4 53.0 79.4

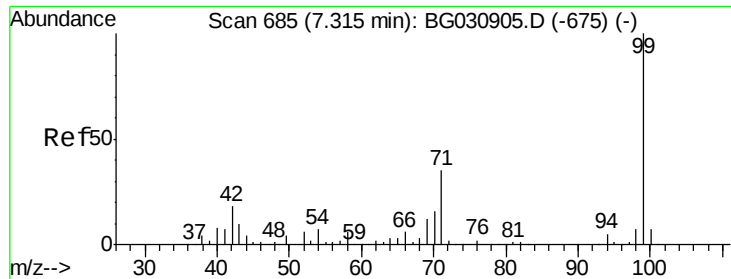


#5

2-Fluorophenol
Concen: 145.46 ng
RT: 5.69 min Scan# 408
Delta R.T. -0.02 min
Lab File: BG031278.D
Acq: 29 Nov 2017 19:45

Tgt Ion:112 Resp: 388586
Ion Ratio Lower Upper
112 100
64 55.9 56.3 84.5#
63 29.5 30.1 45.1#





#7

Phenol-d6

Concen: 130.91 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031278.D

Acq: 29 Nov 2017 19:45

Instrument :

BNA_G

ClientSampleId :

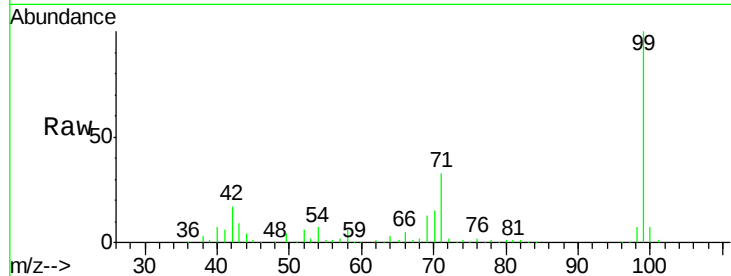
Tot Ion: 99 Resp: 471163

Ion Ratio Lower Upper

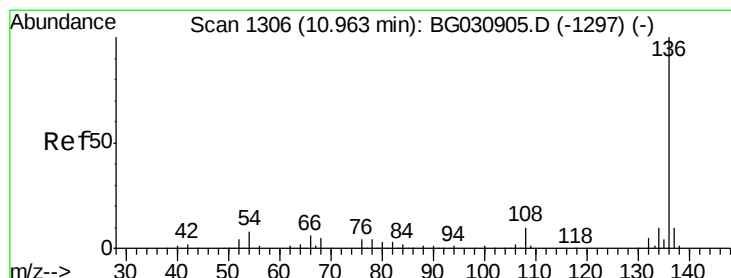
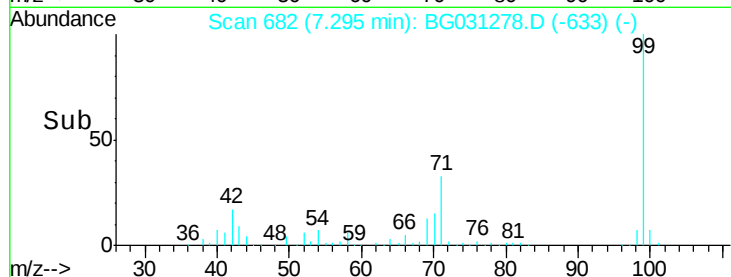
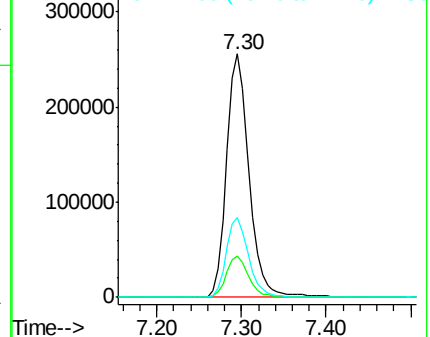
99 100

42 17.0 14.1 21.1

71 32.7 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.94 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BG031278.D

Acq: 29 Nov 2017 19:45

Tgt Ion: 136 Resp: 203888

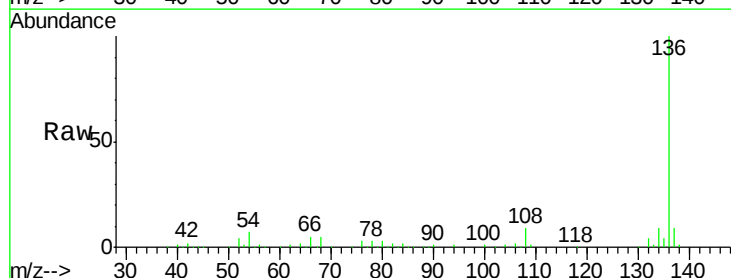
Ion Ratio Lower Upper

136 100

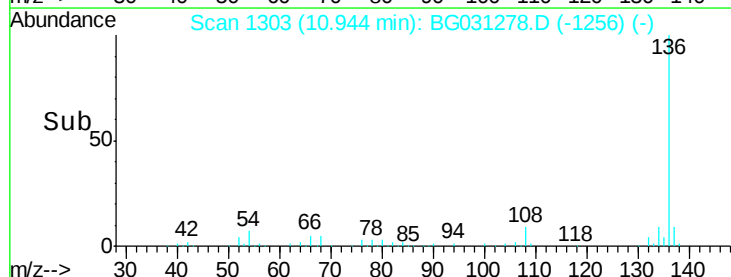
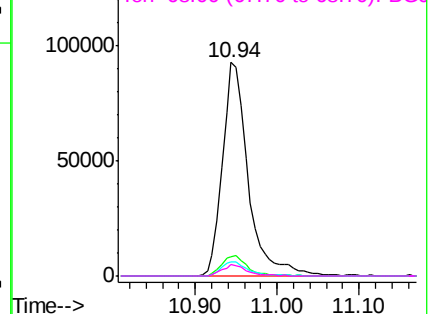
137 9.2 9.2 13.8

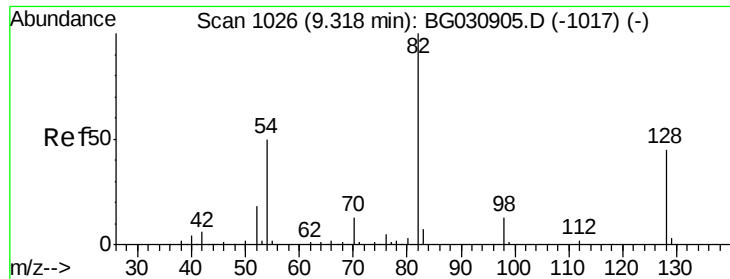
54 6.9 10.3 15.5#

68 5.2 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

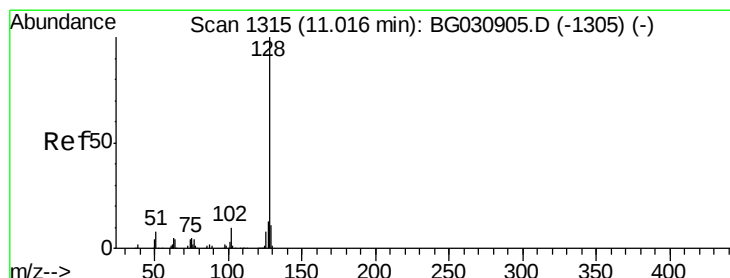
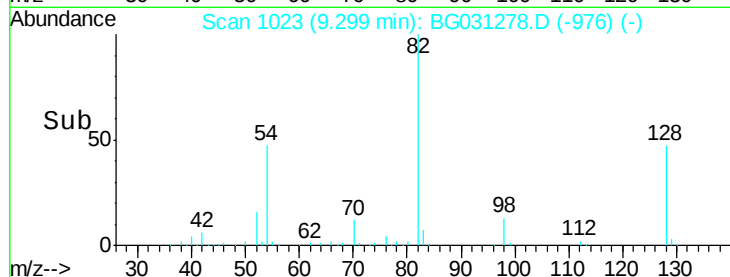
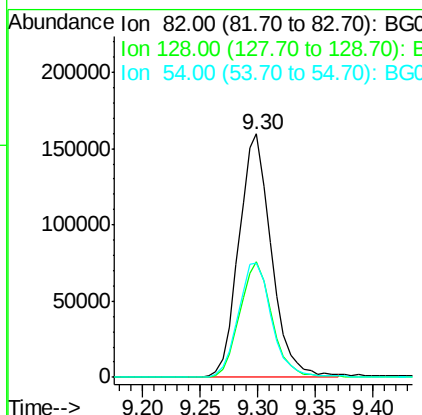
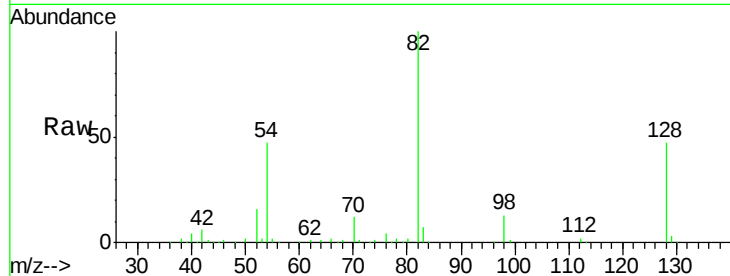




#23
 Nitrobenzene-d5
 Concen: 90.68 ng
 RT: 9.30 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BG031278.D
 Acq: 29 Nov 2017 19:45

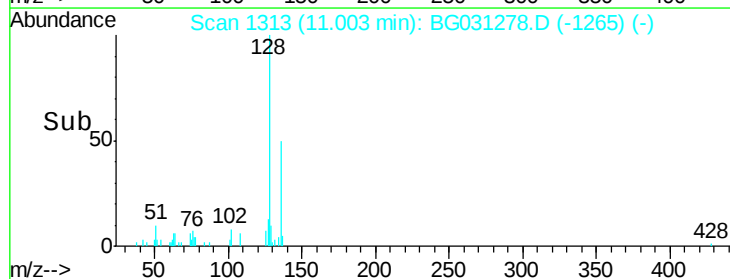
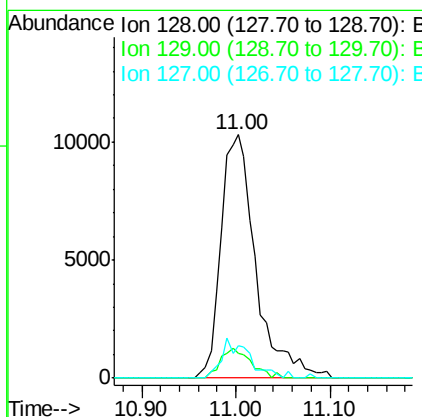
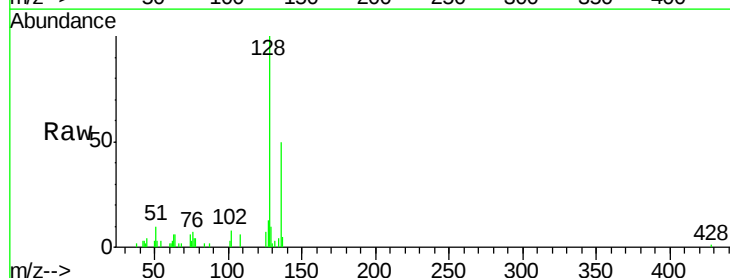
Instrument :
 BNA_G
 ClientSampleId :

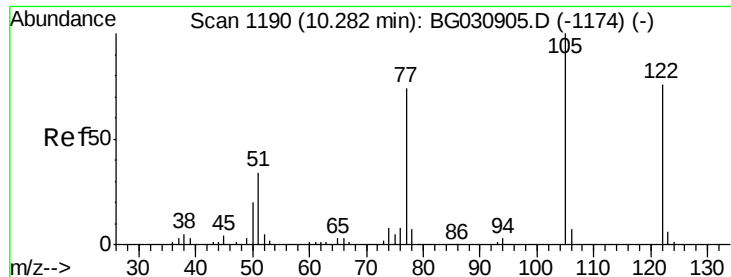
Tot Ion: 82 Resp: 312004
 Ion Ratio Lower Upper
 82 100
 128 47.4 29.7 44.5#
 54 47.1 43.1 64.7



#31
 Naphthalene
 Concen: 2.65 ng
 RT: 11.00 min Scan# 1313
 Delta R.T. -0.02 min
 Lab File: BG031278.D
 Acq: 29 Nov 2017 19:45

Tgt Ion: 128 Resp: 26590
 Ion Ratio Lower Upper
 128 100
 129 10.3 8.6 12.8
 127 13.2 11.6 17.4





#32

Benzoic acid

Concen: 5.68 ng

RT: 10.22 min Scan# 1180

Delta R.T. -0.05 min

Lab File: BG031278.D

Acq: 29 Nov 2017 19:45

Instrument :

BNA_G

ClientSampleId :

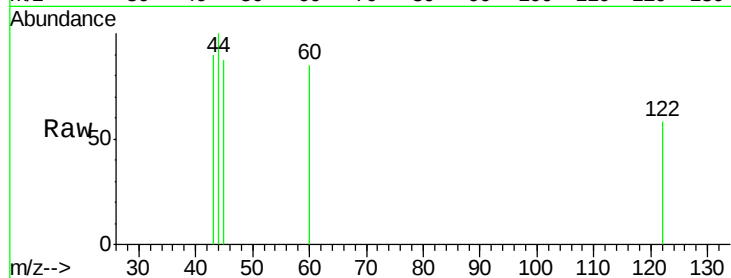
Tot Ion:122 Resp: 60

Ion Ratio Lower Upper

122 100

105 0.0 123.5 163.5#

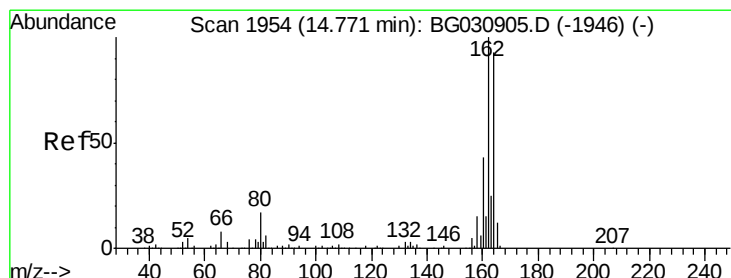
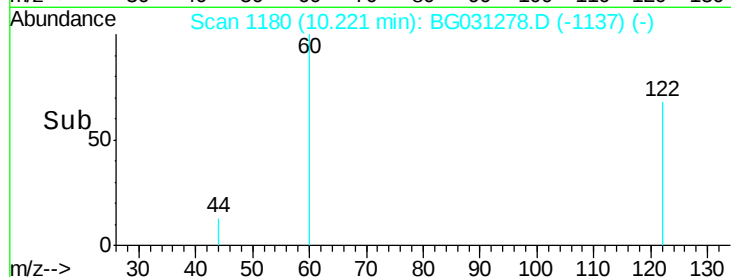
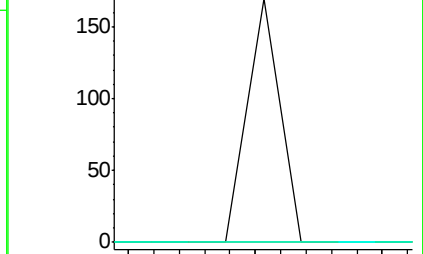
77 0.0 85.7 125.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.02 min

Lab File: BG031278.D

Acq: 29 Nov 2017 19:45

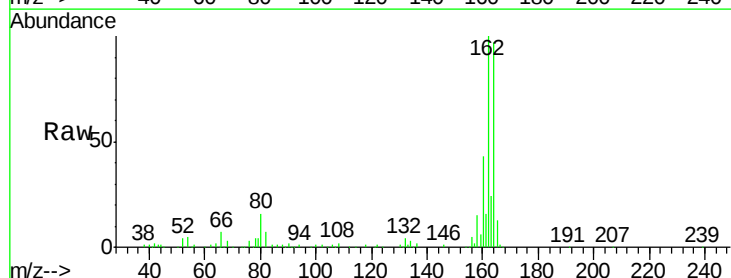
Tgt Ion:164 Resp: 139785

Ion Ratio Lower Upper

164 100

162 103.4 78.8 118.2

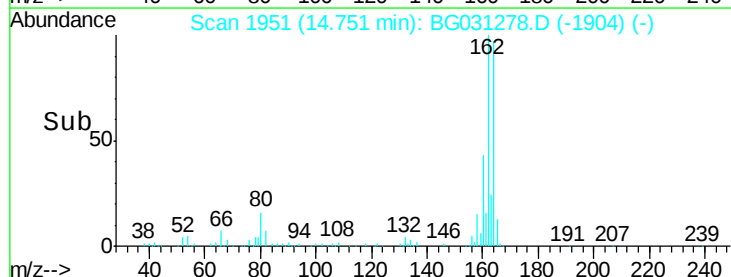
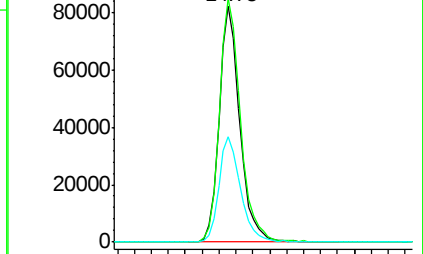
160 44.6 35.4 53.0

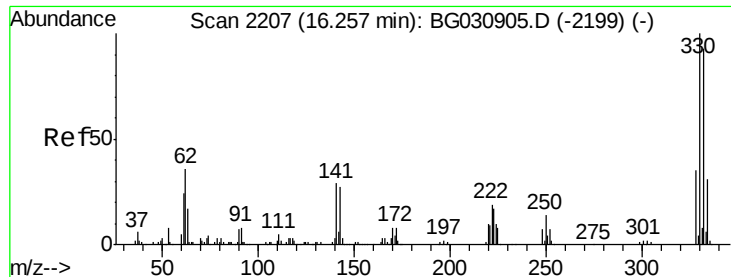


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

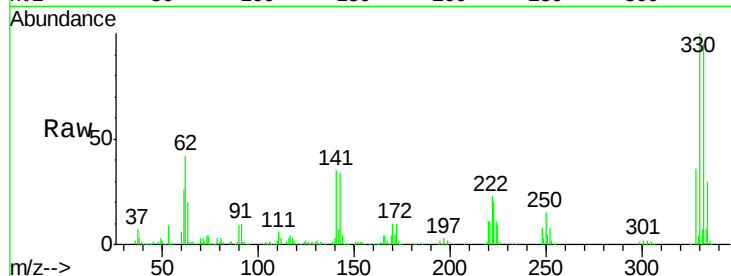




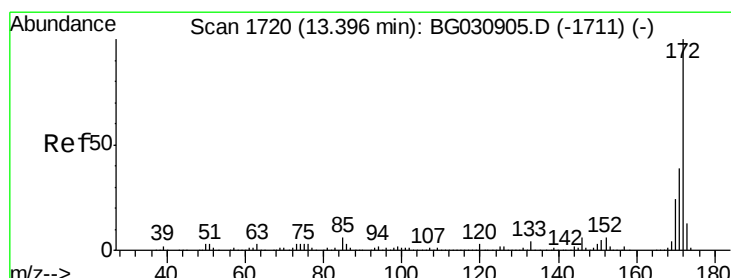
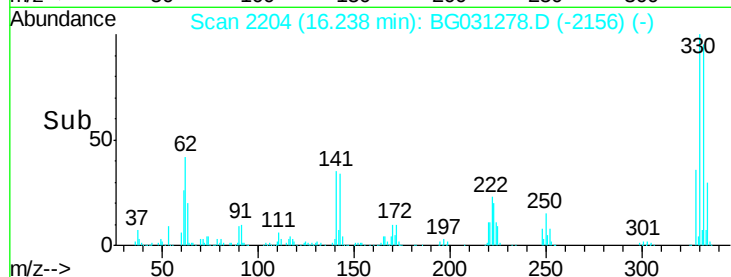
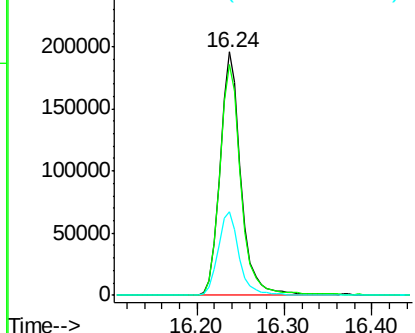
#41
 2,4,6-Tribromophenol
 Concen: 142.94 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031278.D
 Acq: 29 Nov 2017 19:45

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	35.1	25.2	37.8

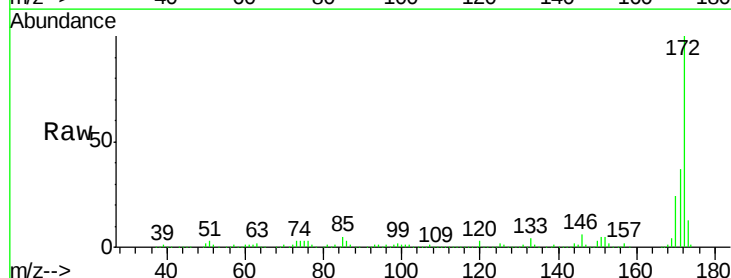


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

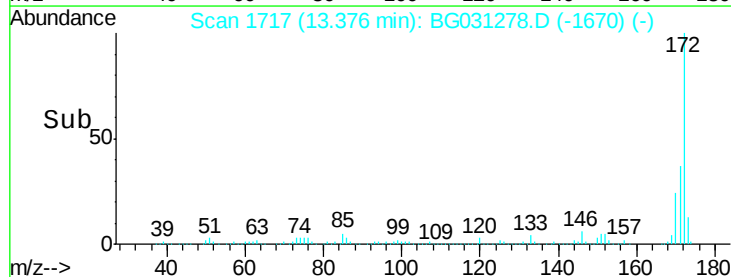
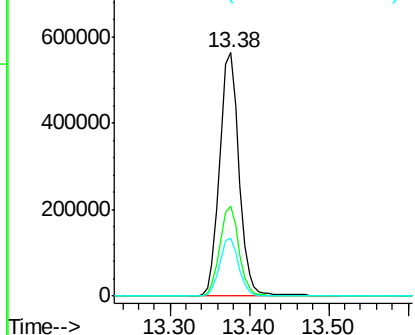


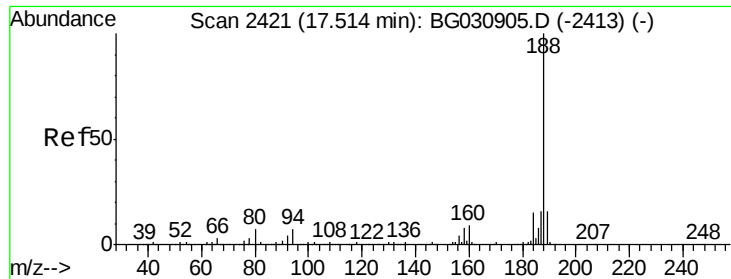
#44
 2-Fluorobiphenyl
 Concen: 98.66 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031278.D
 Acq: 29 Nov 2017 19:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	23.6	19.5	29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.50 min Scan# 2418

Delta R.T. -0.02 min

Lab File: BG031278.D

Acq: 29 Nov 2017 19:45

Instrument :

BNA_G

ClientSampleId :

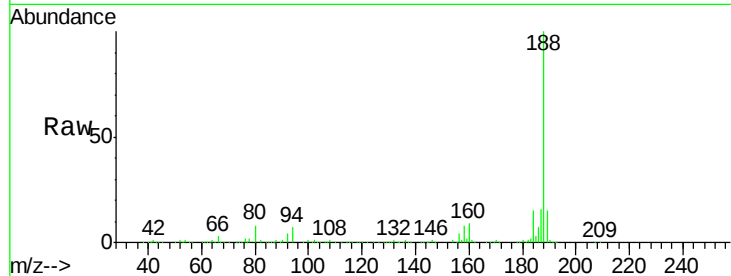
Tot Ion:188 Resp: 432033

Ion Ratio Lower Upper

188 100

94 6.6 6.9 10.3#

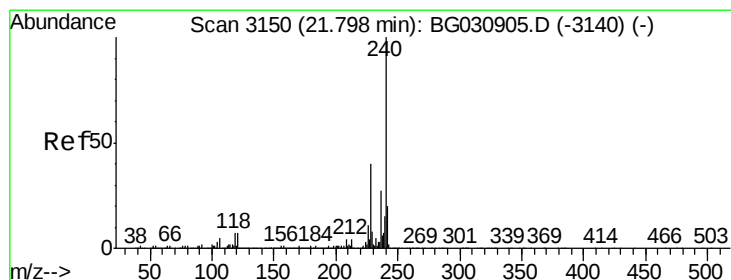
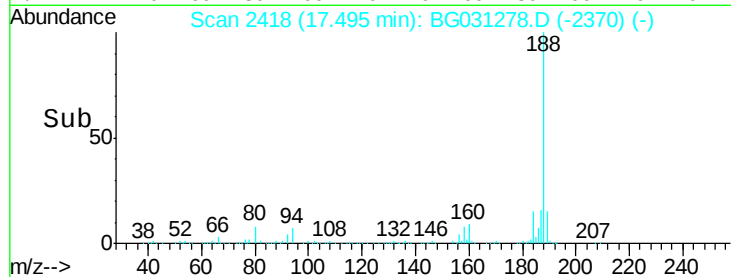
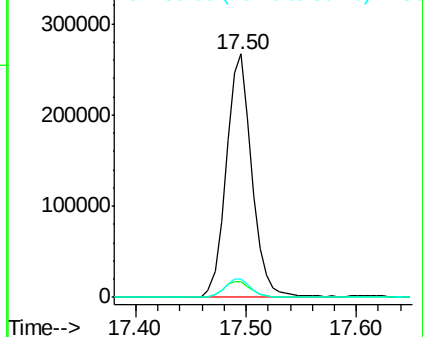
80 7.7 7.7 11.5#



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: 21.76 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG031278.D

Acq: 29 Nov 2017 19:45

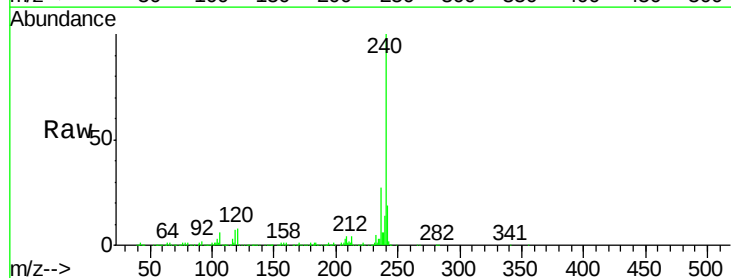
Tgt Ion:240 Resp: 523779

Ion Ratio Lower Upper

240 100

120 8.3 6.8 10.2

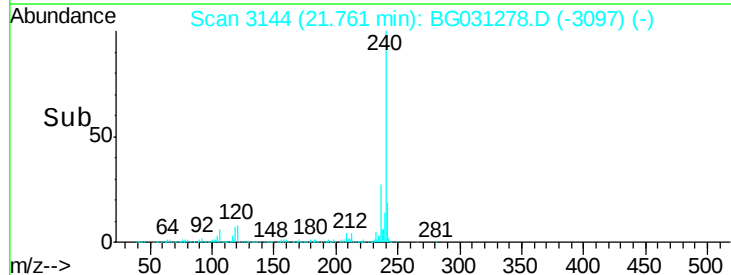
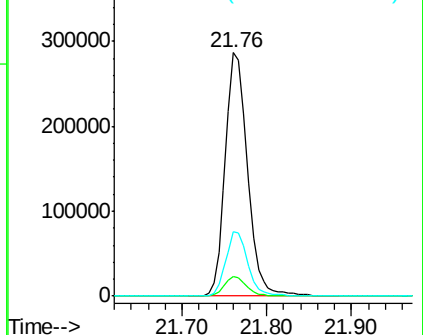
236 26.6 20.9 31.3



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: 92.18 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031278.D

Acq: 29 Nov 2017 19:45

Instrument :

BNA_G

ClientSampleId :

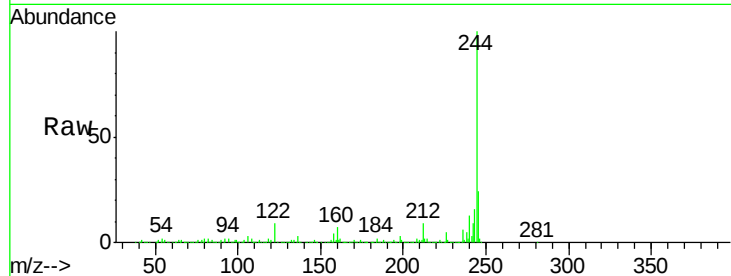
Tot Ion:244 Resp: 2186666

Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	8.7	7.0	10.4

244 100

212 8.7 5.8 8.8

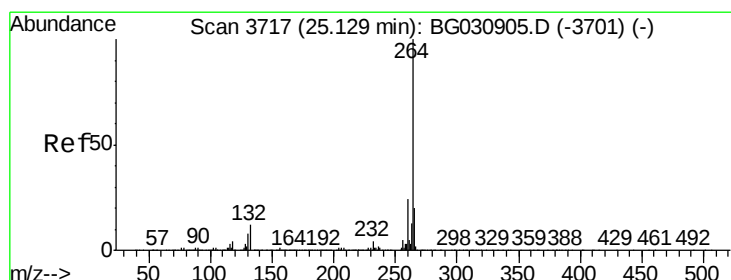
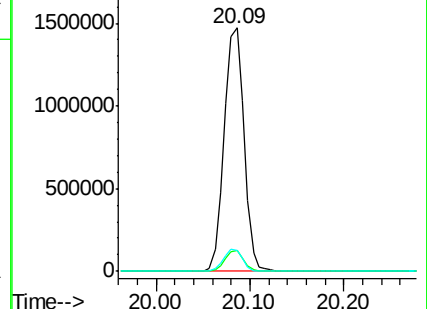
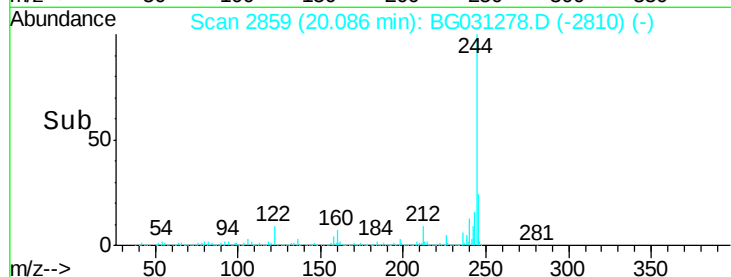
122 8.7 7.0 10.4



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: 25.06 min Scan# 3706

Delta R.T. -0.03 min

Lab File: BG031278.D

Acq: 29 Nov 2017 19:45

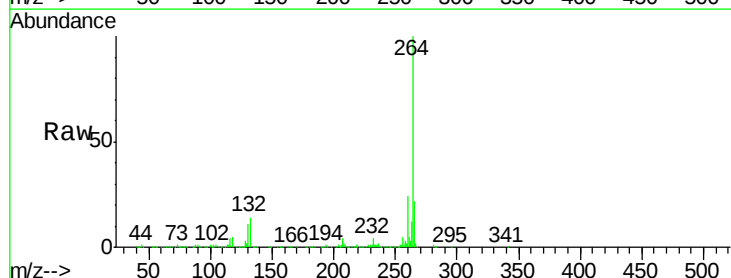
Tgt Ion:264 Resp: 508324

Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	21.8	17.7	26.5

264 100

260 23.9 17.4 26.0

265 21.8 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

