

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112817\
 Data File : BG031262.D
 Acq On : 28 Nov 2017 21:44
 Operator : SJ/JU
 Sample : I6590-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 29 06:22:48 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

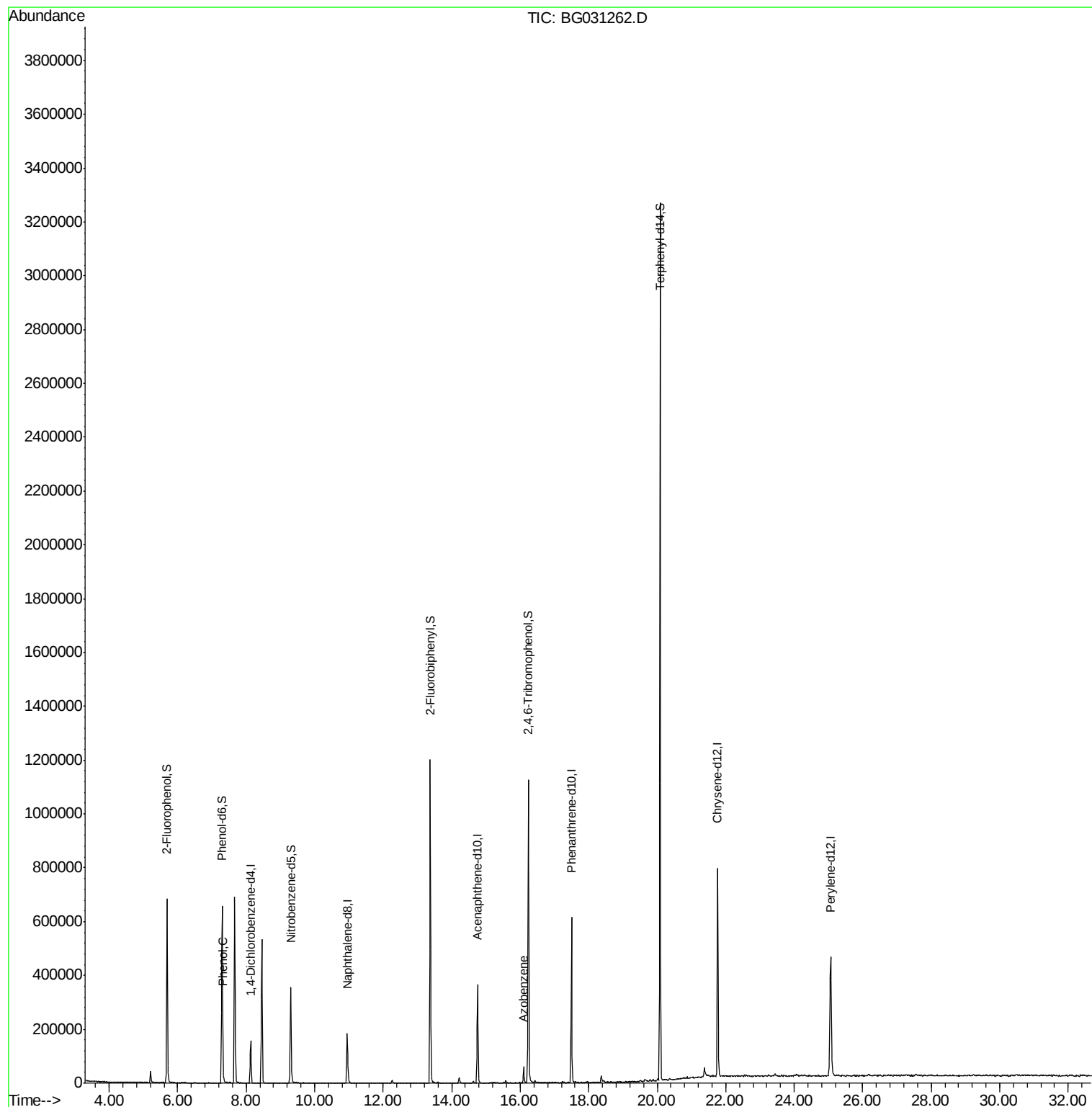
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	50350	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	208292	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	143969	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	414167	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	522772	20.00	ng	-0.02
86) Perylene-d12	25.06	264	515156	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	344307	117.26	ng	-0.02
7) Phenol-d6	7.30	99	445940	112.73	ng	0.00
23) Nitrobenzene-d5	9.30	82	251705	71.61	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	239003	102.62	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	740460	73.90	ng	-0.02
78) Terphenyl-d14	20.08	244	1591961	67.24	ng	-0.02
Target Compounds						
10) Phenol	7.32	94	10971	2.67	ng	# 74
62) Azobenzene	16.10	77	19620	2.03	ng	# 1

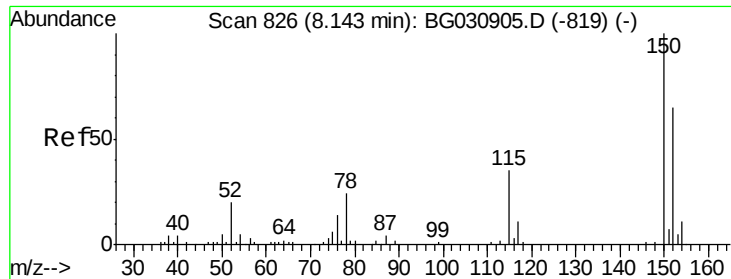
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112817\
Data File : BG031262.D
Acq On : 28 Nov 2017 21:44
Operator : SJ/JU
Sample : I6590-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 29 06:22:48 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



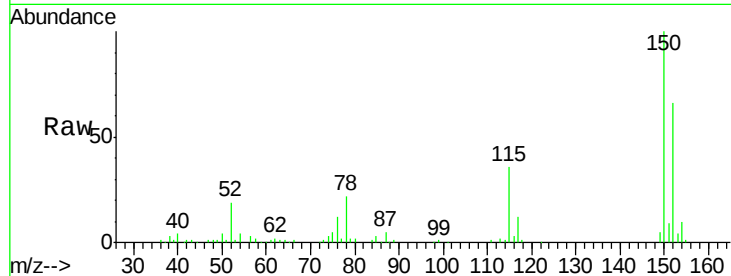


#1

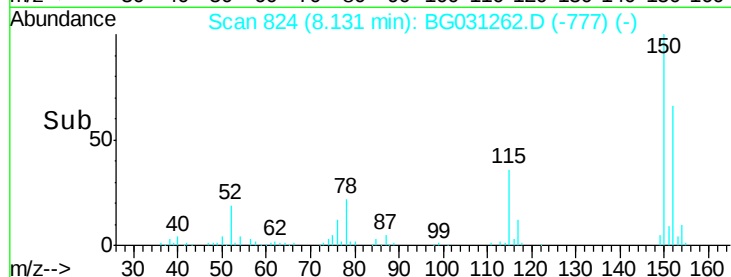
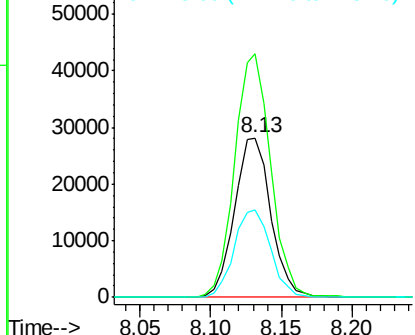
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031262.D
Acq: 28 Nov 2017 21:44

Instrument :
BNA_G
ClientSampled :

Tot Ion	152	Resp	50350
Ion Ratio	100		
Lower	126.6		
Upper	189.8		
150	152.5		
115	54.5		
	53.0		
	79.4		



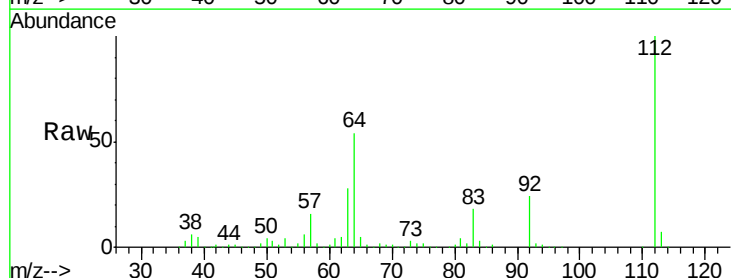
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



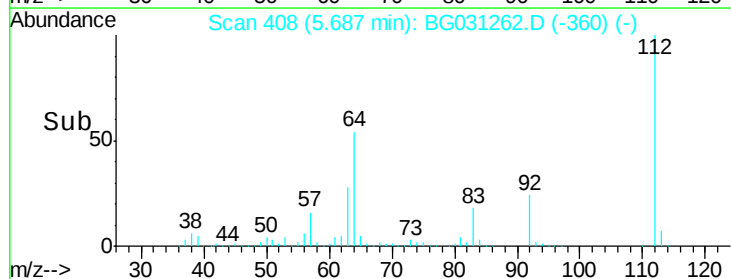
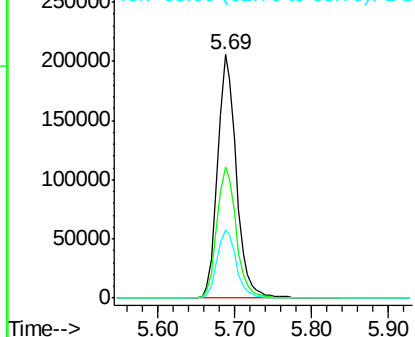
#5

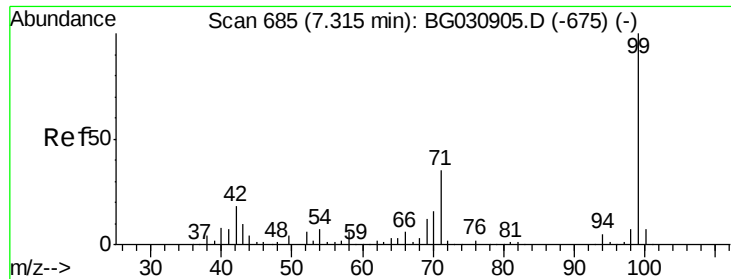
2-Fluorophenol
Concen: 117.26 ng
RT: 5.69 min Scan# 408
Delta R.T. -0.02 min
Lab File: BG031262.D
Acq: 28 Nov 2017 21:44

Tgt Ion	112	Resp	344307
Ion Ratio	100		
Lower	56.3		
Upper	84.5#		
64	53.8		
63	28.3		
	30.1		
	45.1#		



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: 112.73 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031262.D

Acq: 28 Nov 2017 21:44

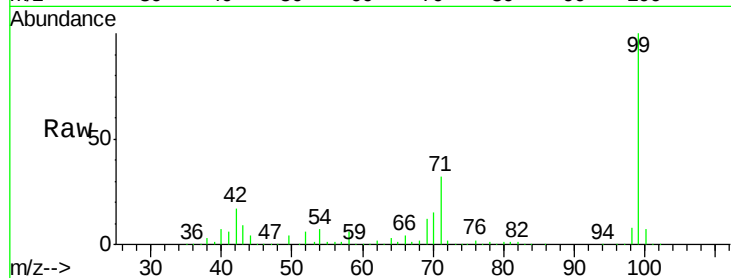
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 445940

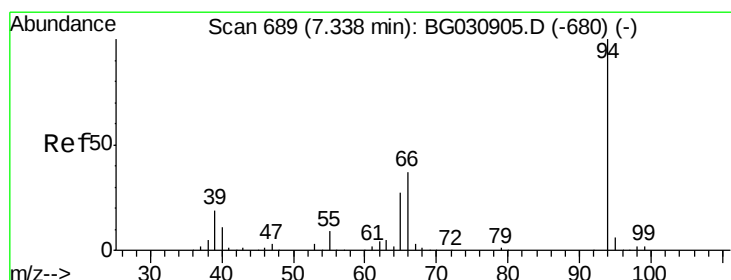
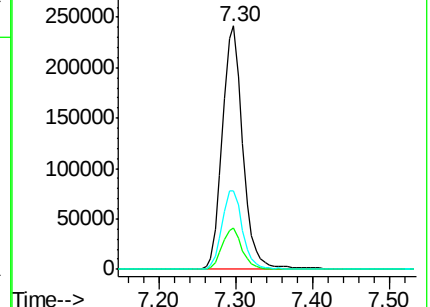
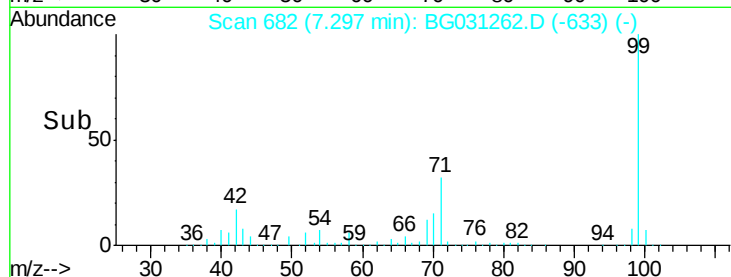
Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.1	21.1
71	32.1	26.1	39.1



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: 2.67 ng

RT: 7.32 min Scan# 686

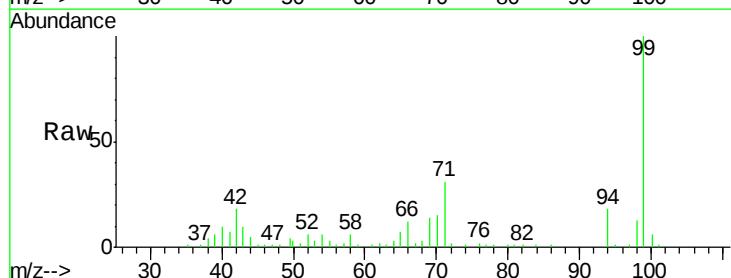
Delta R.T. -0.02 min

Lab File: BG031262.D

Acq: 28 Nov 2017 21:44

Tgt Ion: 94 Resp: 10971

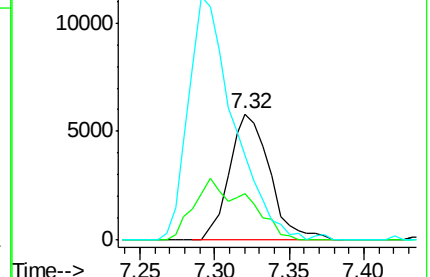
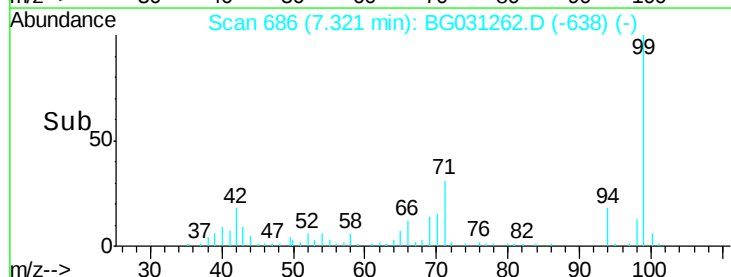
Ion	Ratio	Lower	Upper
94	100		
65	37.1	11.9	51.9
66	67.2	22.2	62.2#

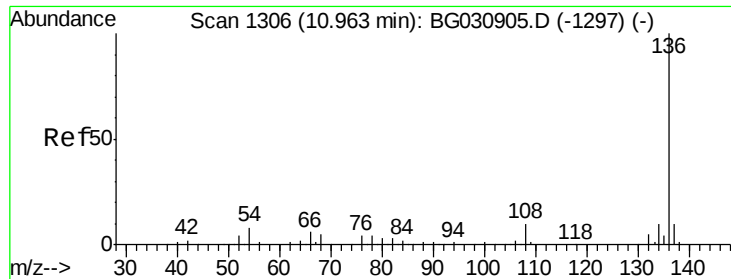


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

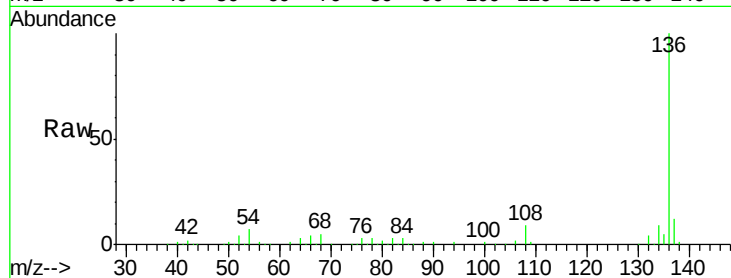




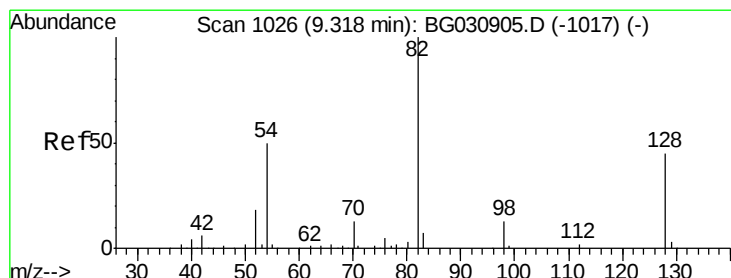
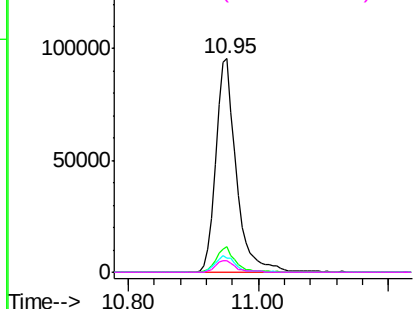
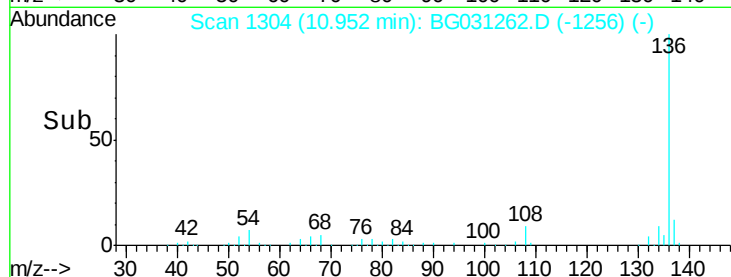
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG031262.D
Acq: 28 Nov 2017 21:44

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	208292
Ion Ratio	Lower	Upper
136	100	
137	11.7	9.2 13.8
54	6.5	10.3 15.5
68	5.4	4.5 6.7

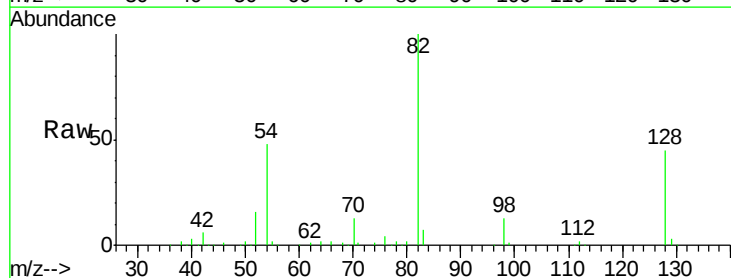


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

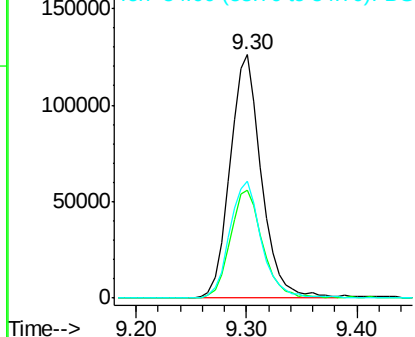
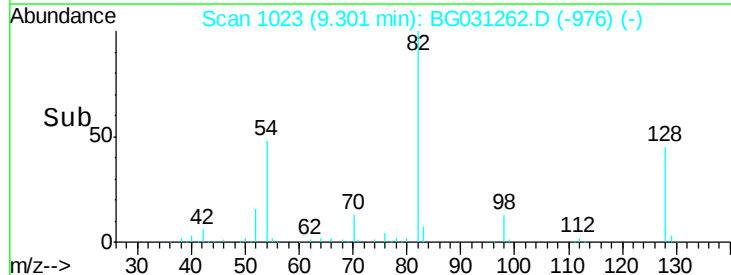


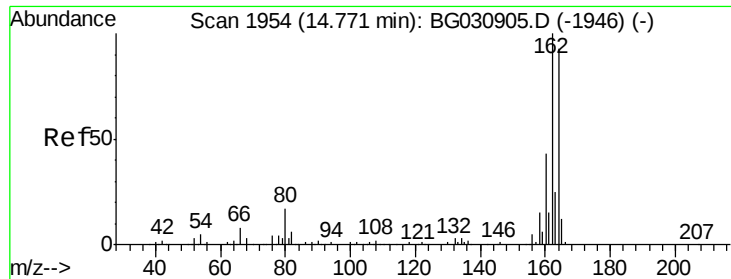
#23
Nitrobenzene-d5
Concen: 71.61 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG031262.D
Acq: 28 Nov 2017 21:44

Tgt Ion: 82	Resp:	251705
Ion Ratio	Lower	Upper
82	100	
128	44.5	29.7 44.5
54	48.0	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: 14.75 min Scan# 1951

Delta R.T. -0.02 min

Lab File: BG031262.D

Acq: 28 Nov 2017 21:44

Instrument :

BNA_G

ClientSampled :

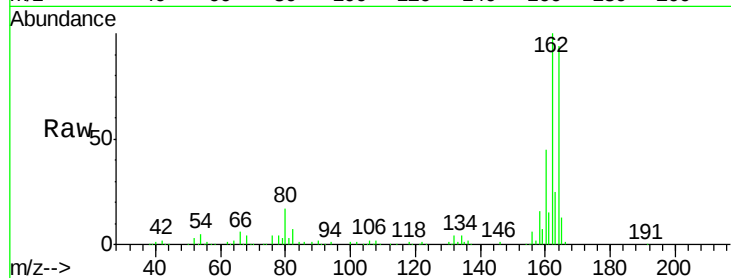
Tot Ion:164 Resp: 143969

Ion Ratio Lower Upper

164 100

162 106.0 78.8 118.2

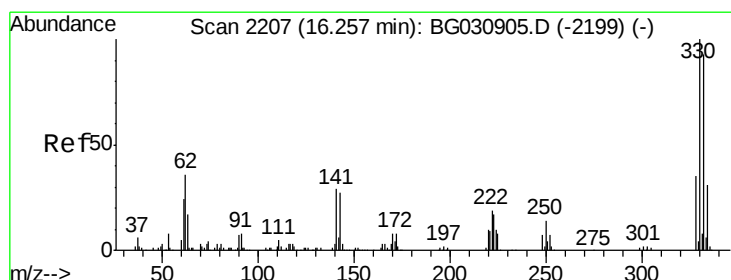
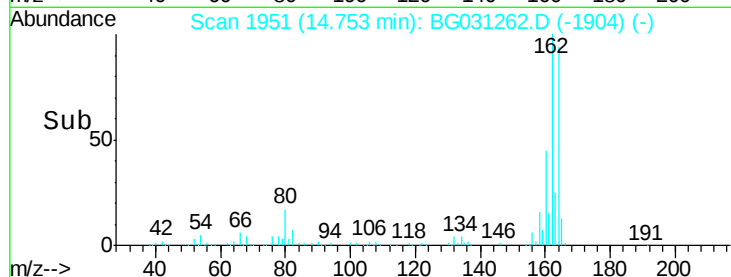
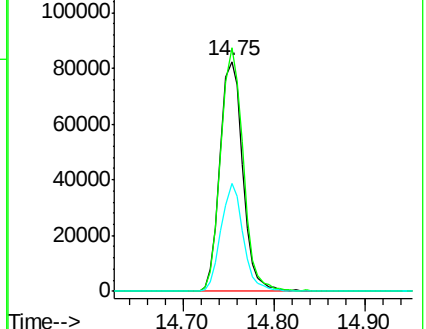
160 47.2 35.4 53.0



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: 102.62 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG031262.D

Acq: 28 Nov 2017 21:44

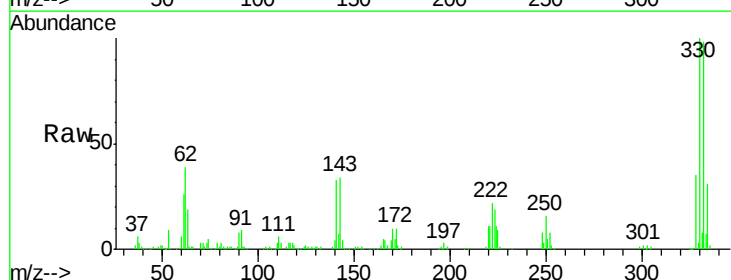
Tgt Ion:330 Resp: 239003

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

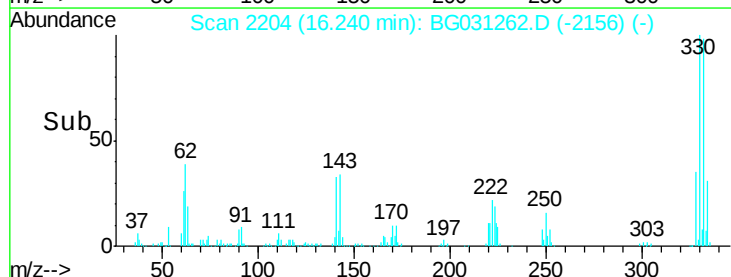
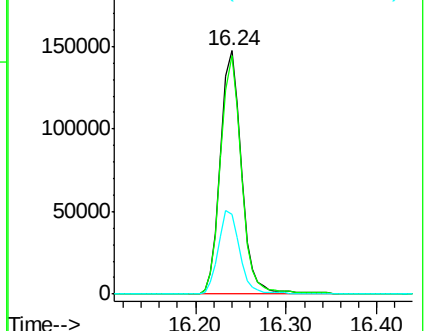
141 34.7 25.2 37.8

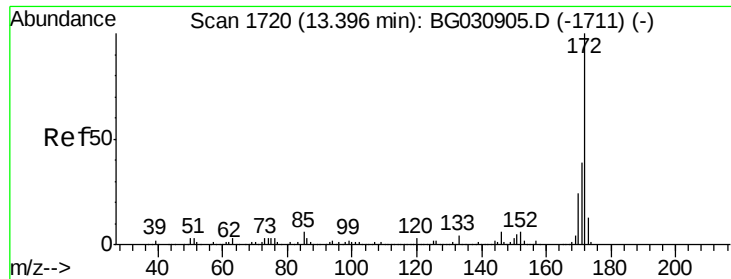


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

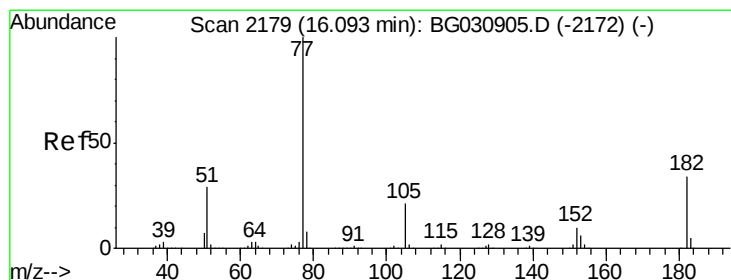
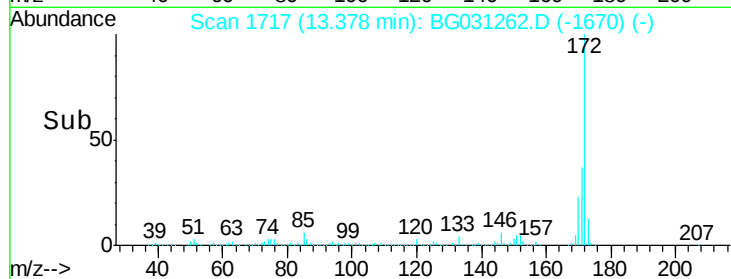
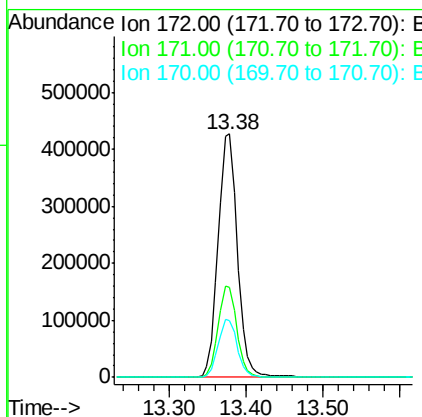
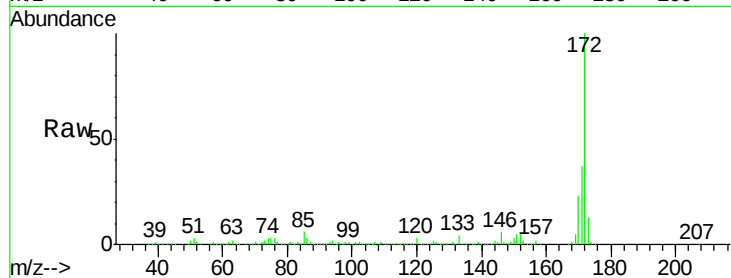




#44
2-Fluorobiphenyl
Concen: 73.90 ng
RT: 13.38 min Scan# 1717
Delta R.T. -0.02 min
Lab File: BG031262.D
Acq: 28 Nov 2017 21:44

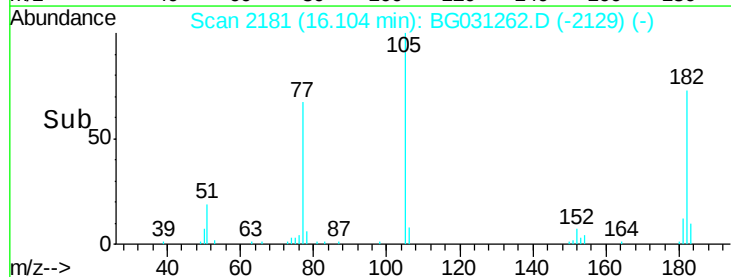
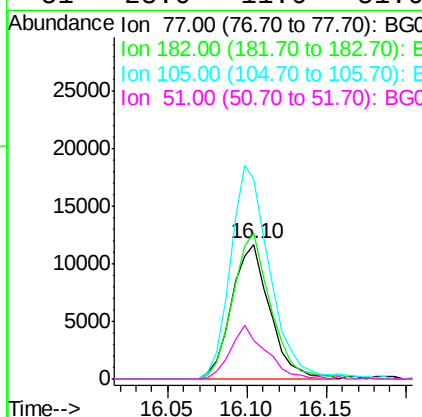
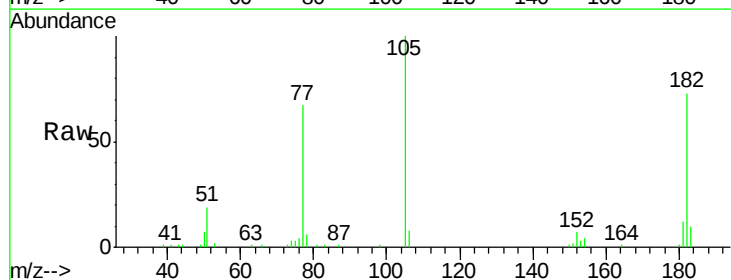
Instrument :
BNA_G
ClientSampleId :

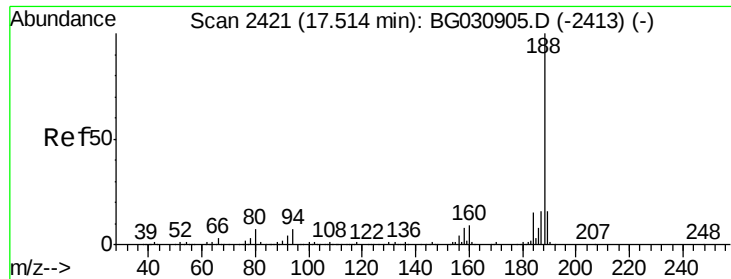
Tot Ion:172 Resp: 740460
Ion Ratio Lower Upper
172 100
171 37.1 30.0 45.0
170 23.4 19.5 29.3



#62
Azobenzene
Concen: 2.03 ng
RT: 16.10 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BG031262.D
Acq: 28 Nov 2017 21:44

Tgt Ion: 77 Resp: 19620
Ion Ratio Lower Upper
77 100
182 108.4 7.4 47.4#
105 148.2 0.3 40.3#
51 28.6 11.6 51.6

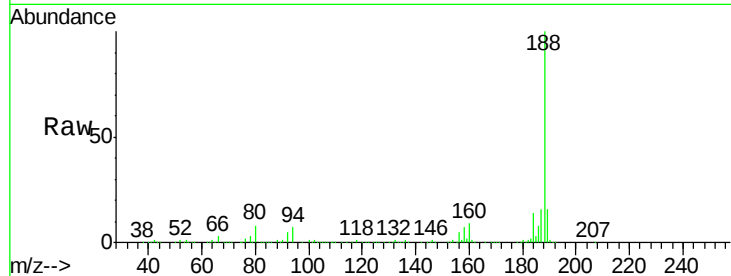




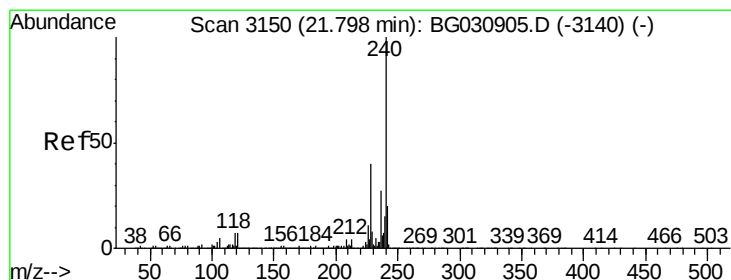
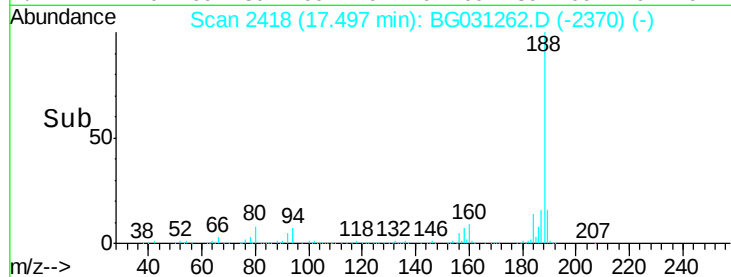
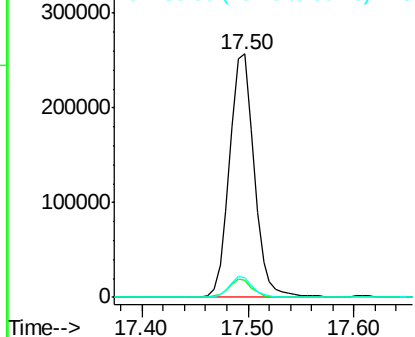
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031262.D
Acq: 28 Nov 2017 21:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 414167
Ion Ratio Lower Upper
188 100
94 6.9 6.9 10.3
80 7.9 7.7 11.5

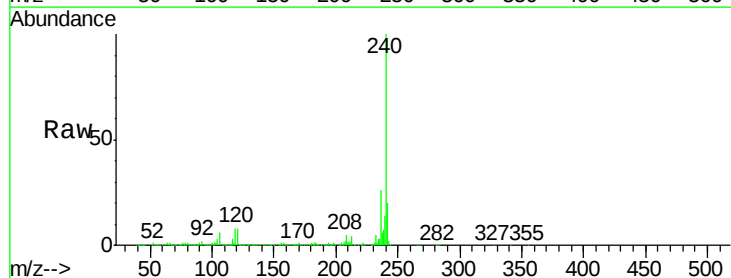


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

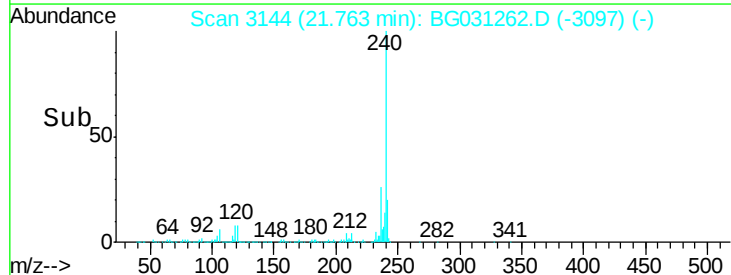
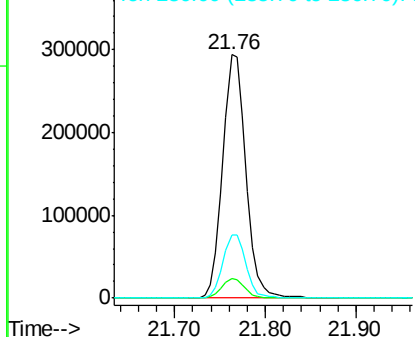


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG031262.D
Acq: 28 Nov 2017 21:44

Tgt Ion:240 Resp: 522772
Ion Ratio Lower Upper
240 100
120 8.1 6.8 10.2
236 25.7 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: 67.24 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG031262.D

Acq: 28 Nov 2017 21:44

Instrument :

BNA_G

ClientSampleId :

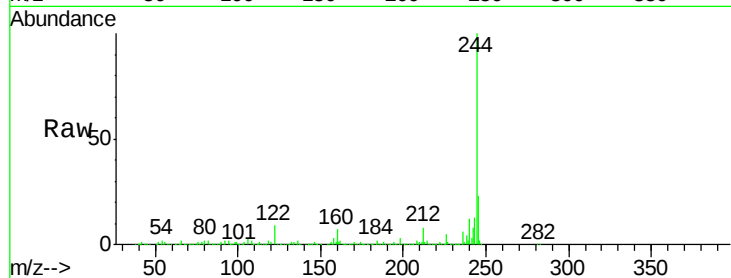
Tot Ion:244 Resp: 1591961

Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.8	8.8
122	8.9	7.0	10.4

244 100

212 8.2 5.8 8.8

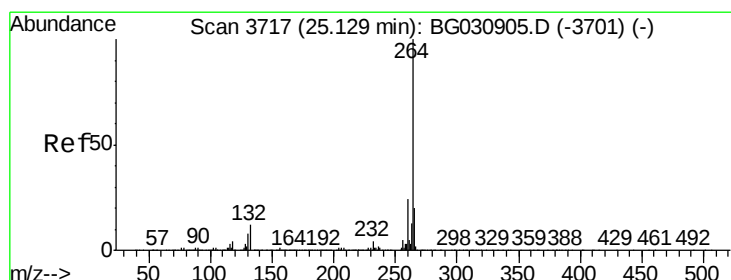
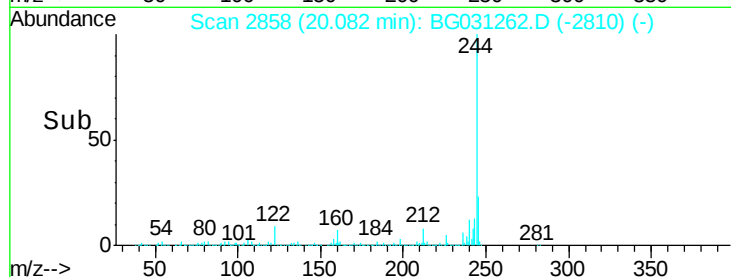
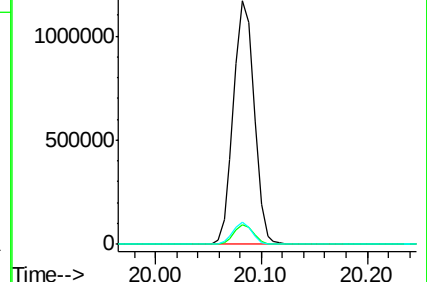
122 8.9 7.0 10.4



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: BG031262.D

Acq: 28 Nov 2017 21:44

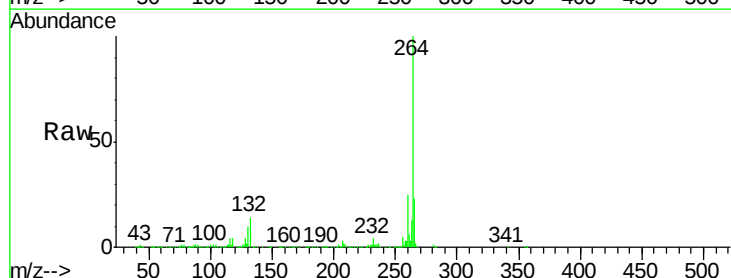
Tgt Ion:264 Resp: 515156

Ion	Ratio	Lower	Upper
264	100		
260	24.6	17.4	26.0
265	22.7	17.7	26.5

264 100

260 24.6 17.4 26.0

265 22.7 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

