

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091317\
 Data File : BG028717.D
 Acq On : 14 Sep 2017 4:45
 Operator : SJ/JU
 Sample : I5175-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 14 05:55:08 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

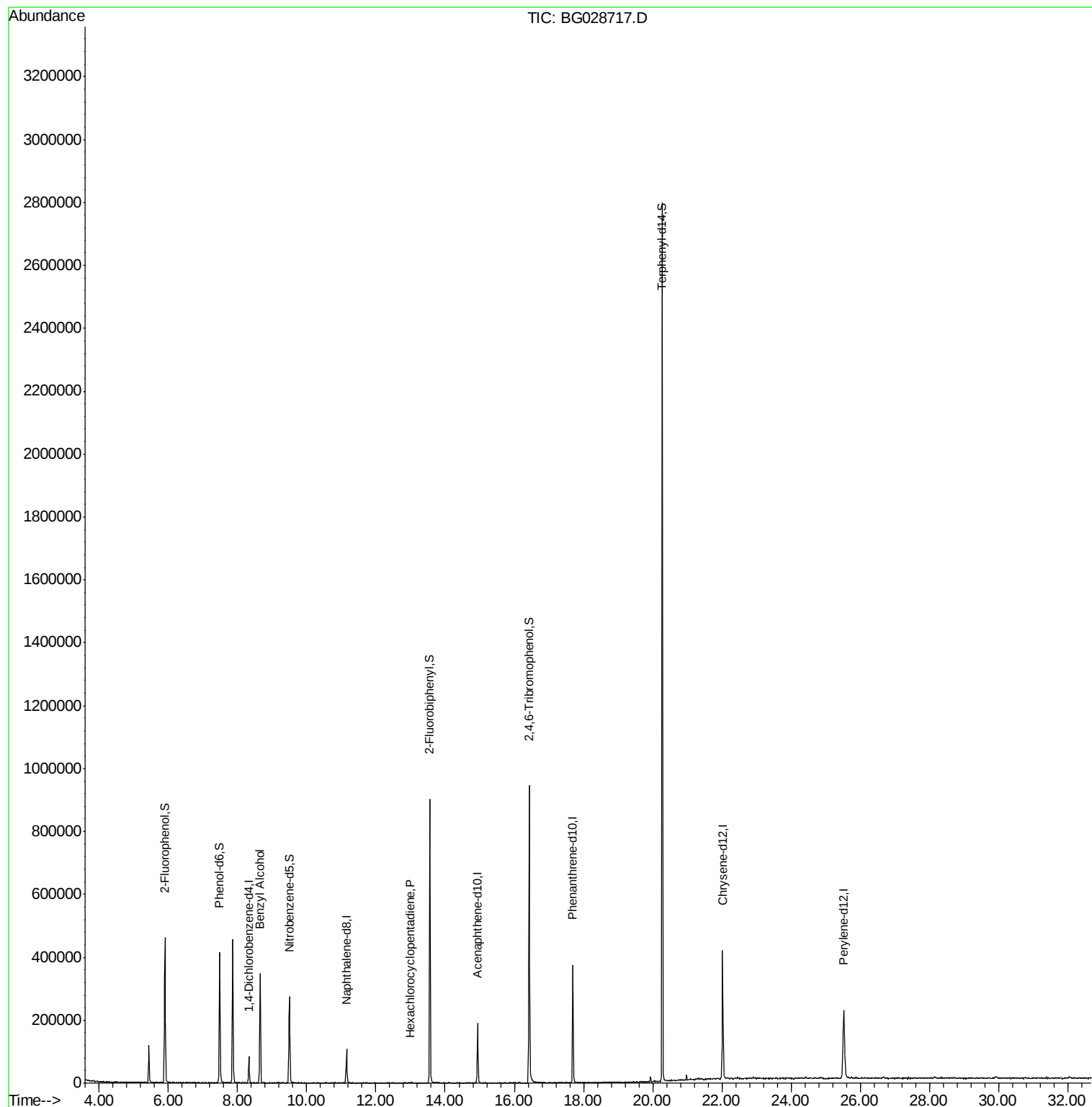
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	23235	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	95283	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	75066	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	254806	20.00	ng	0.00
75) Chrysene-d12	22.02	240	291273	20.00	ng	-0.01
86) Perylene-d12	25.52	264	297943	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	195993	139.19	ng	0.00
7) Phenol-d6	7.49	99	251095	118.43	ng	0.00
23) Nitrobenzene-d5	9.50	82	182002	91.38	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	216891	174.69	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	498524	88.55	ng	0.00
78) Terphenyl-d14	20.28	244	1289375	94.40	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.65	79	3386	2.046	ng	# 63
40) Hexachlorocyclopentadiene	12.98	237	60	7.648	ng	# 29

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 807

Delta R.T. 0.00 min

Lab File: BG028717.D

Acq: 14 Sep 2017 4:45

Instrument :

BNA_G

ClientSampleId :

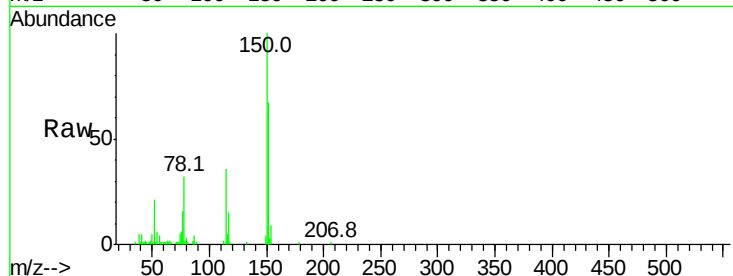
Tot Ion:152 Resp: 23235

Ion Ratio Lower Upper

152 100

150 149.8 114.0 171.0

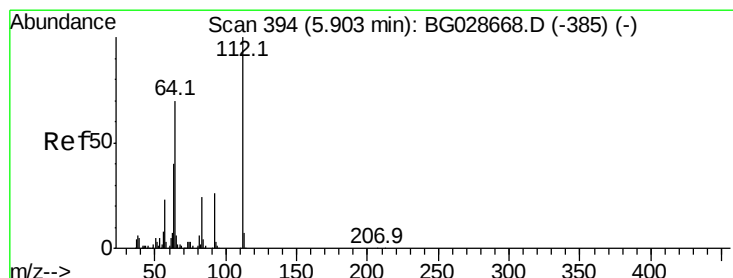
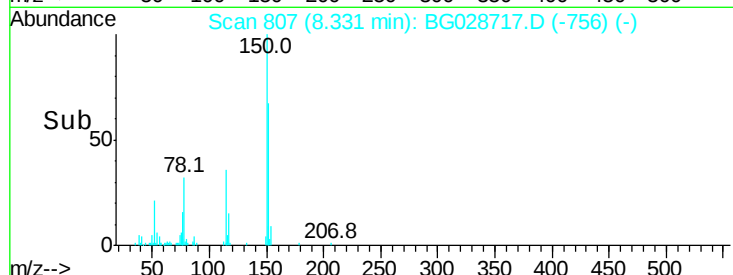
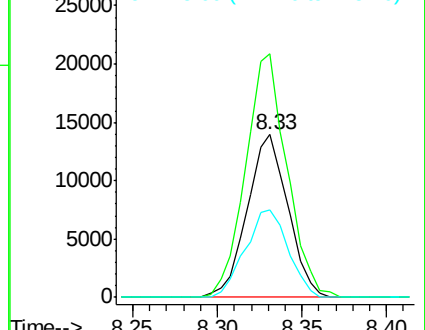
115 53.5 48.1 72.1



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: 139.186 ng

RT: 5.90 min Scan# 394

Delta R.T. 0.00 min

Lab File: BG028717.D

Acq: 14 Sep 2017 4:45

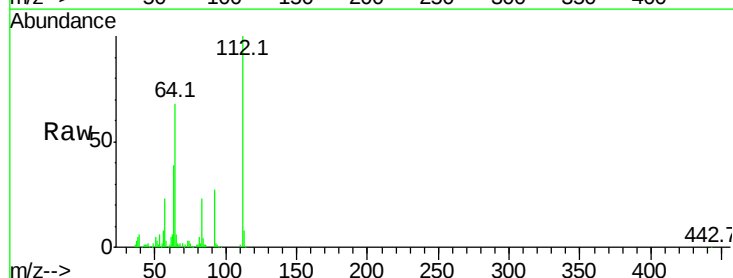
Tgt Ion:112 Resp: 195993

Ion Ratio Lower Upper

112 100

64 67.9 61.8 92.6

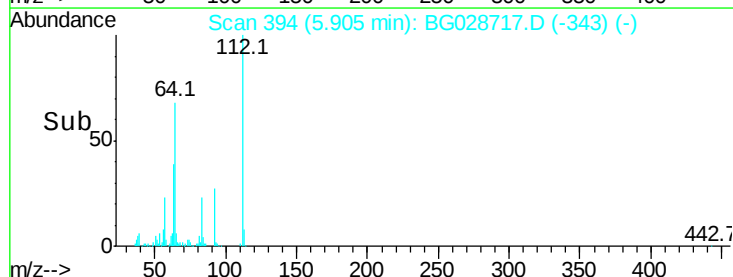
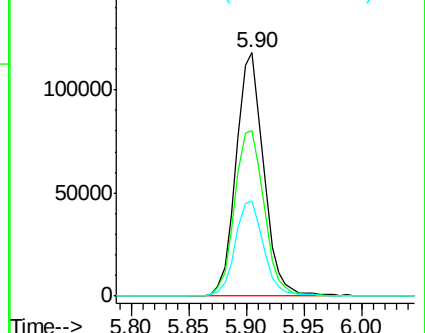
63 39.3 37.2 55.8



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: 118.434 ng

RT: 7.49 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG028717.D

Acq: 14 Sep 2017 4:45

Instrument :

BNA_G

ClientSampleId :

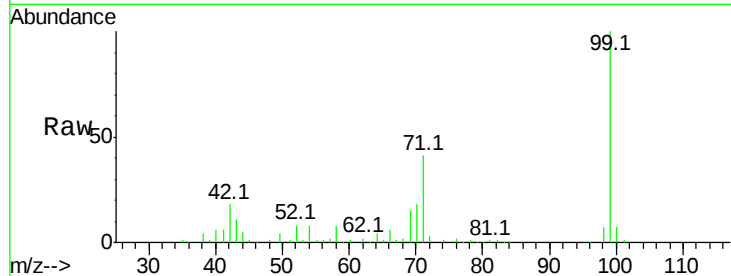
Tot Ion: 99 Resp: 251095

Ion Ratio Lower Upper

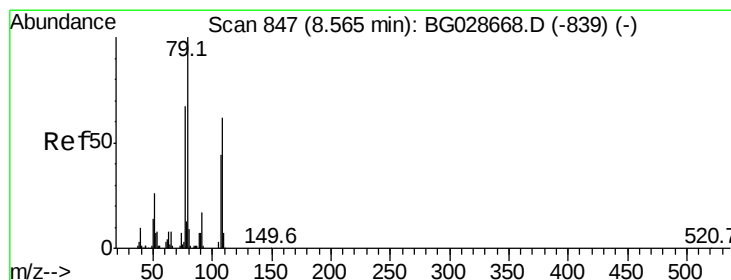
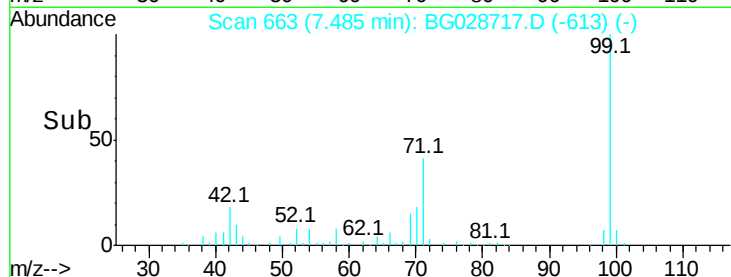
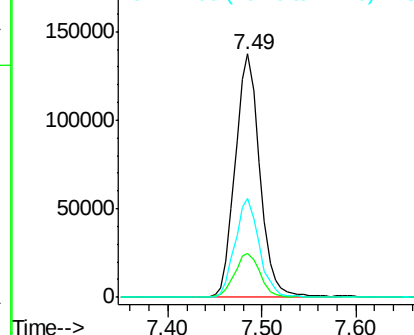
99 100

42 18.2 20.5 30.7#

71 40.7 37.6 56.4



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



#15

Benzyl Alcohol

Concen: 2.046 ng

RT: 8.65 min Scan# 862

Delta R.T. 0.09 min

Lab File: BG028717.D

Acq: 14 Sep 2017 4:45

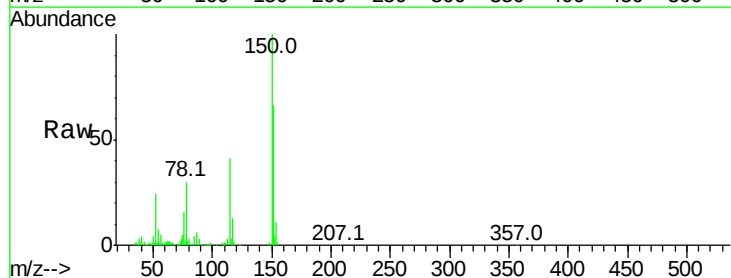
Tgt Ion: 79 Resp: 3386

Ion Ratio Lower Upper

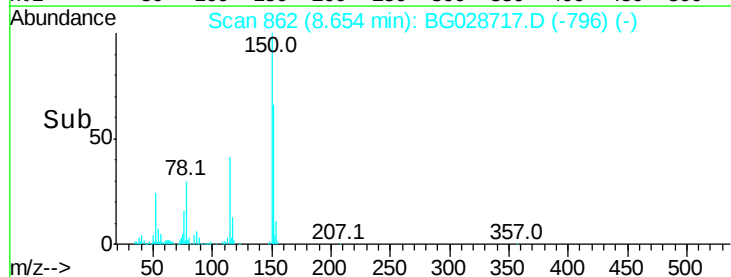
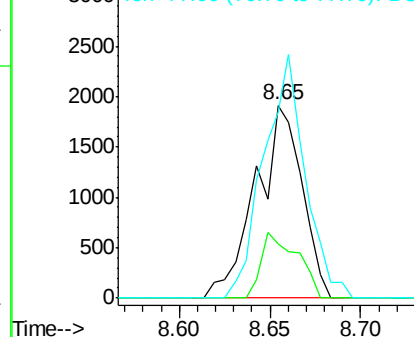
79 100

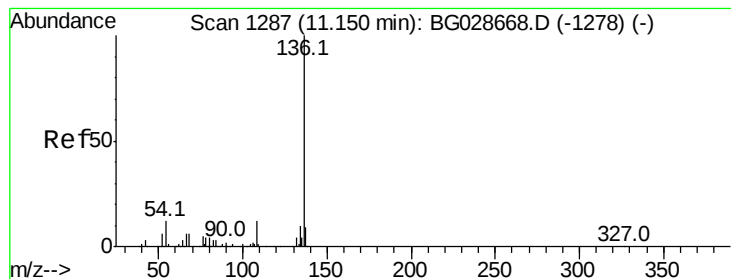
108 28.1 45.5 68.3#

77 96.7 54.3 81.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.15 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BG028717.D

Acq: 14 Sep 2017 4:45

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 95283

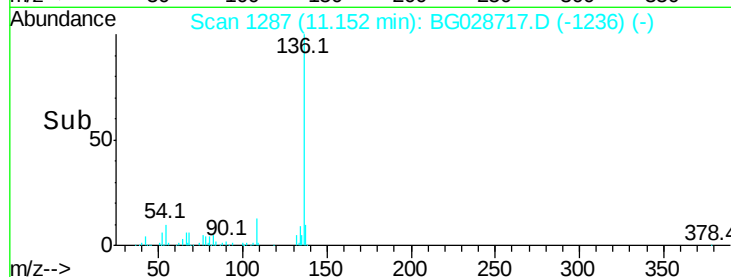
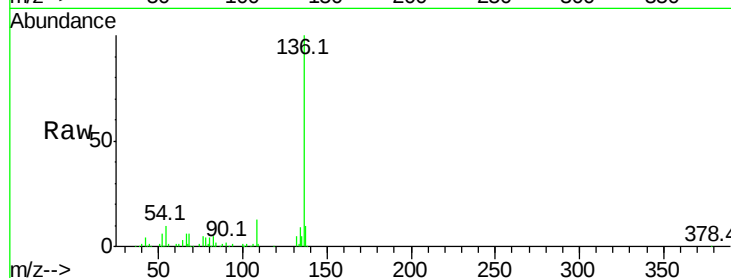
Ion Ratio Lower Upper

136 100

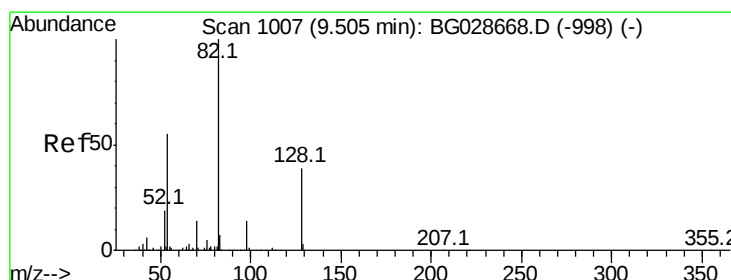
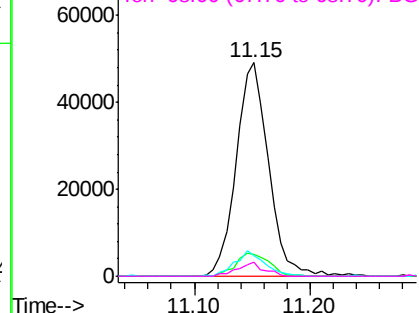
137 10.2 8.9 13.3

54 9.8 9.3 13.9

68 6.3 5.1 7.7



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: 91.375 ng

RT: 9.50 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BG028717.D

Acq: 14 Sep 2017 4:45

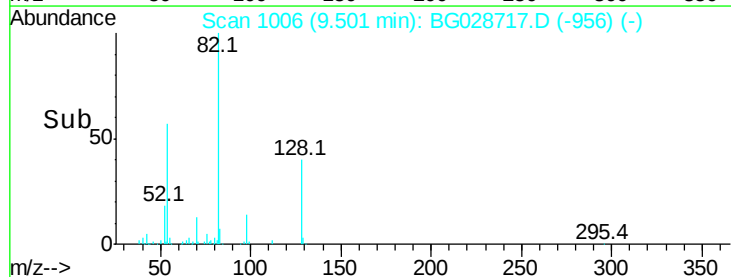
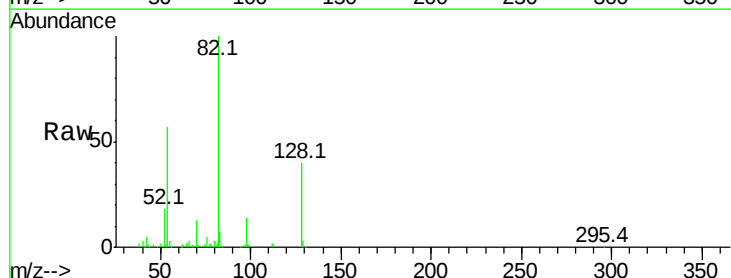
Tgt Ion: 82 Resp: 182002

Ion Ratio Lower Upper

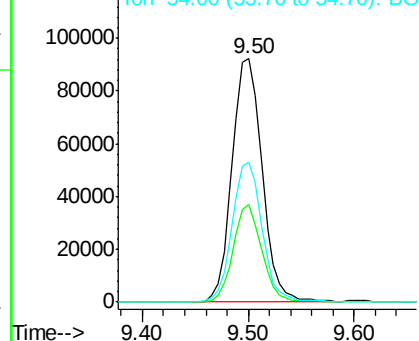
82 100

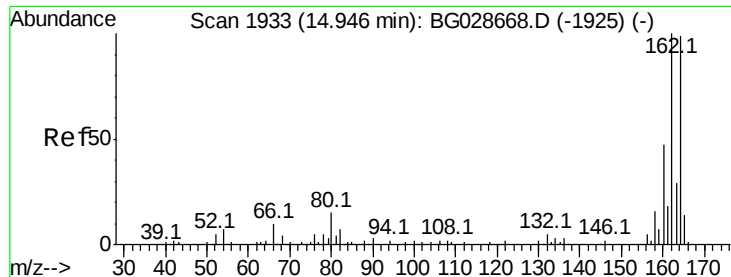
128 39.9 26.4 39.6#

54 57.3 49.4 74.2



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: 20.000 ng

RT: 14.94 min Scan# 1932

Delta R.T. -0.00 min

Lab File: BG028717.D

Acq: 14 Sep 2017 4:45

Instrument :

BNA_G

ClientSampled :

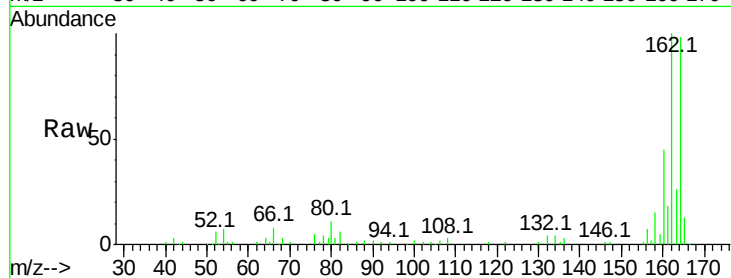
Tot Ion:164 Resp: 75066

Ion Ratio Lower Upper

164 100

162 101.9 85.1 127.7

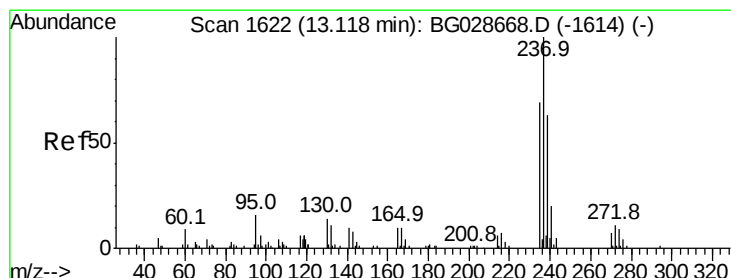
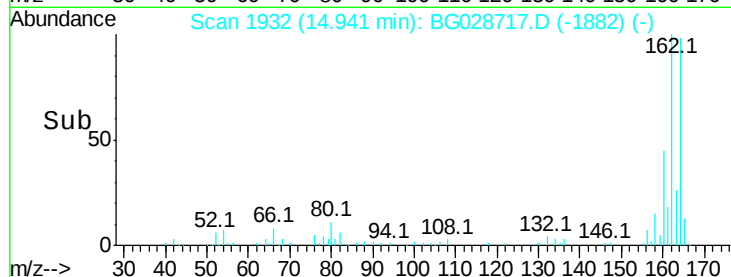
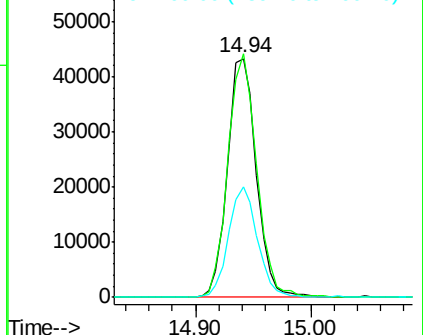
160 46.3 34.7 52.1



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



#40

Hexachlorocyclopentadiene

Concen: 7.648 ng

RT: 12.98 min Scan# 1598

Delta R.T. -0.14 min

Lab File: BG028717.D

Acq: 14 Sep 2017 4:45

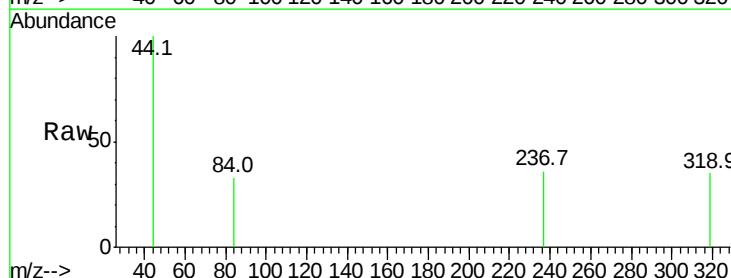
Tgt Ion:237 Resp: 60

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

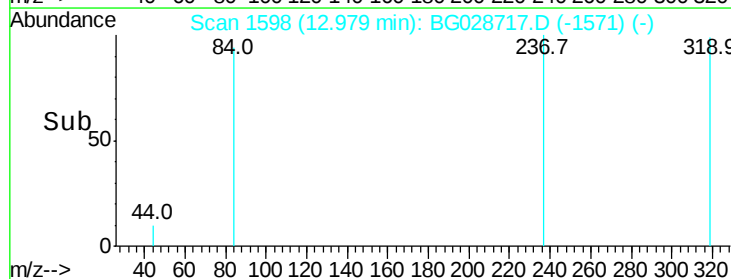
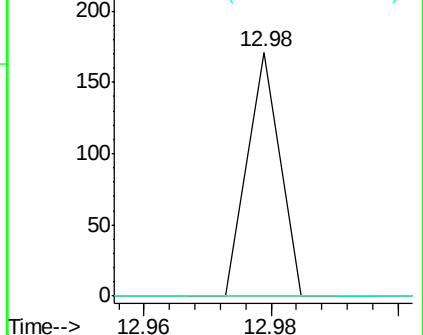
272 0.0 0.0 32.0

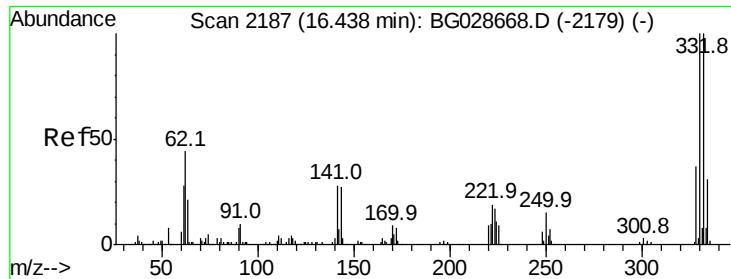


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

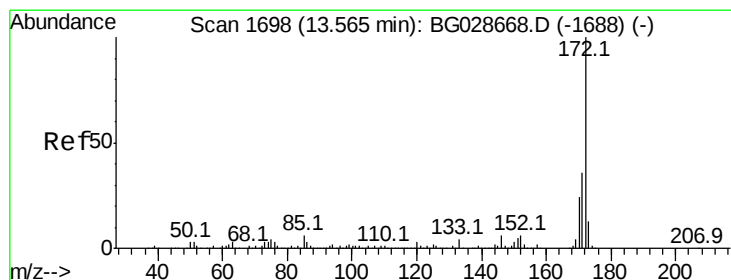
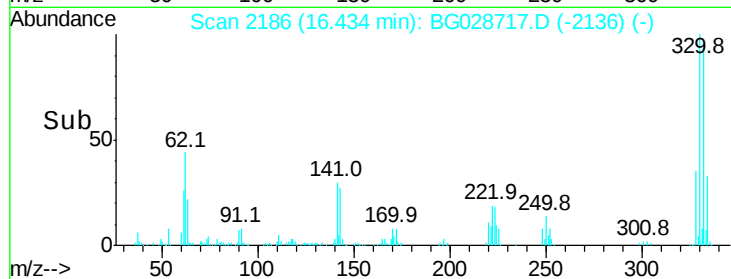
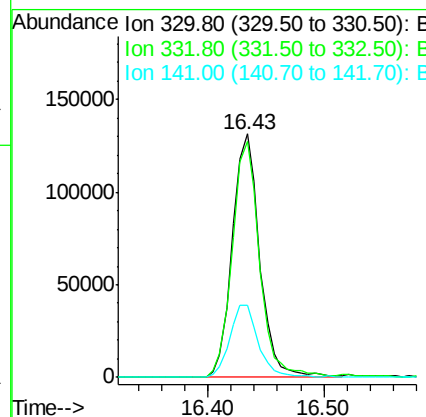
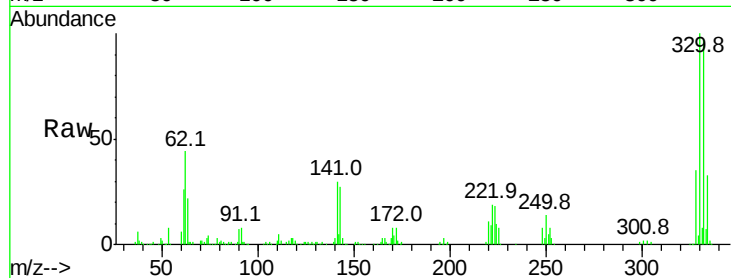




#41
 2,4,6-Tribromophenol
 Concen: 174.694 ng
 RT: 16.43 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: BG028717.D
 Acq: 14 Sep 2017 4:45

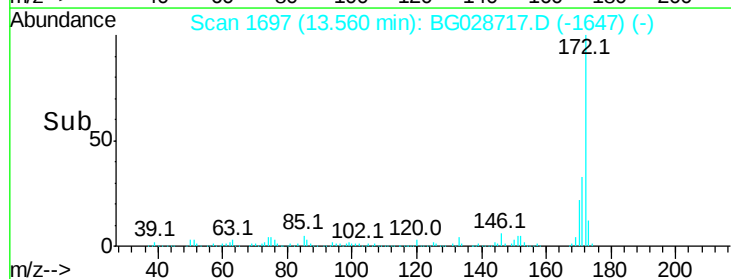
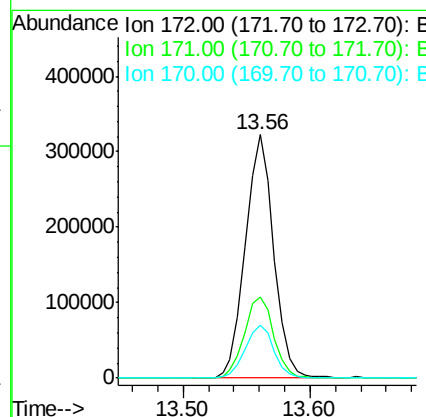
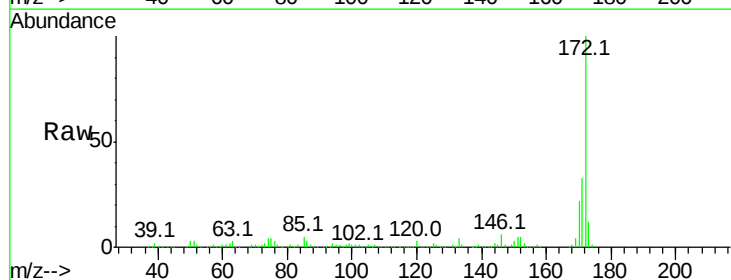
Instrument :
 BNA_G
 ClientSampleId :

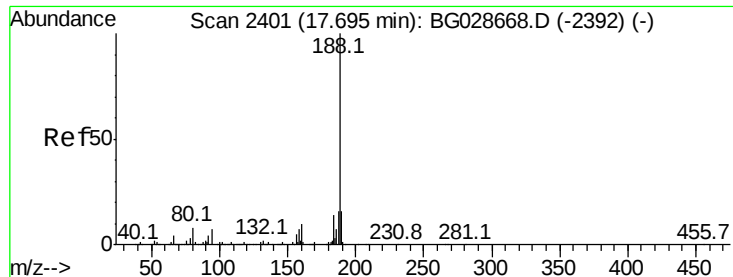
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	31.4	32.1	48.1#



#44
 2-Fluorobiphenyl
 Concen: 88.554 ng
 RT: 13.56 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG028717.D
 Acq: 14 Sep 2017 4:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.4	32.2	48.2
170	21.8	21.8	32.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.69 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BG028717.D

Acq: 14 Sep 2017 4:45

Instrument :

BNA_G

ClientSampleId :

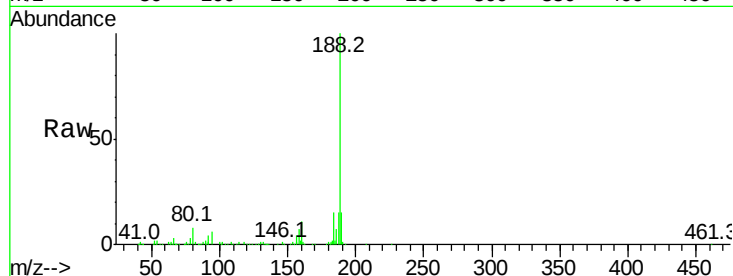
Tot Ion:188 Resp: 254806

Ion Ratio Lower Upper

188 100

94 5.9 5.8 8.8

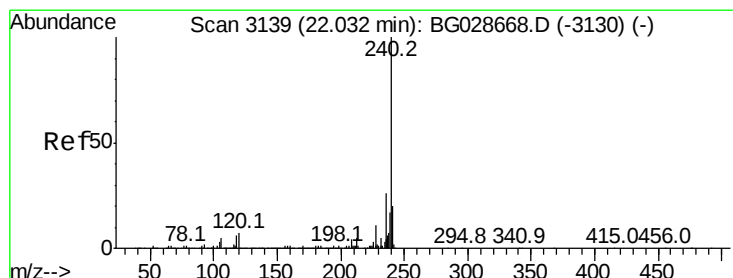
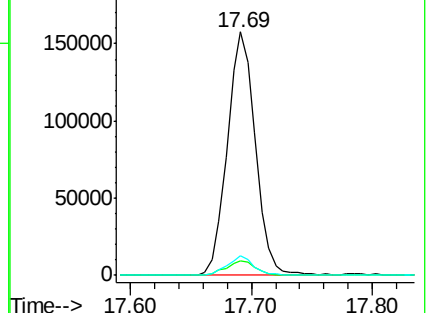
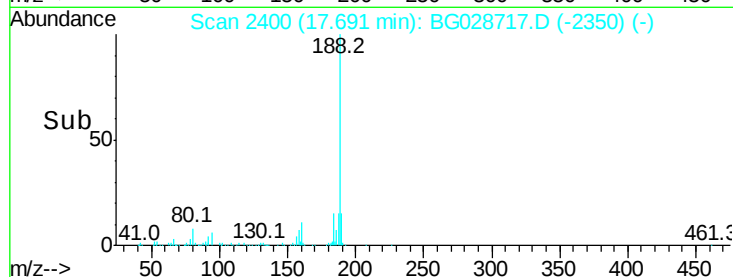
80 8.1 7.5 11.3



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: 20.000 ng

RT: 22.02 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG028717.D

Acq: 14 Sep 2017 4:45

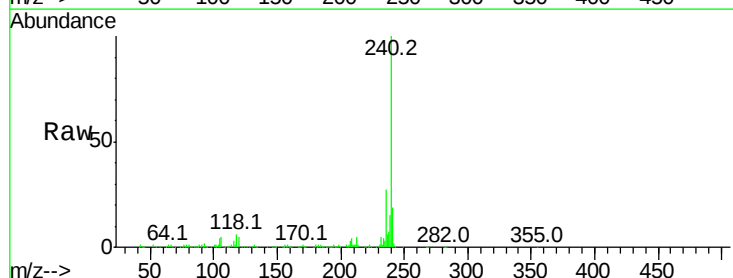
Tgt Ion:240 Resp: 291273

Ion Ratio Lower Upper

240 100

120 5.3 5.7 8.5#

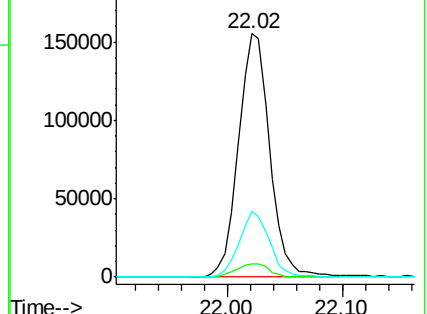
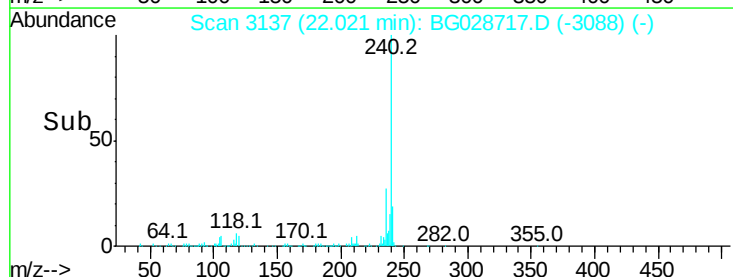
236 26.9 22.2 33.4

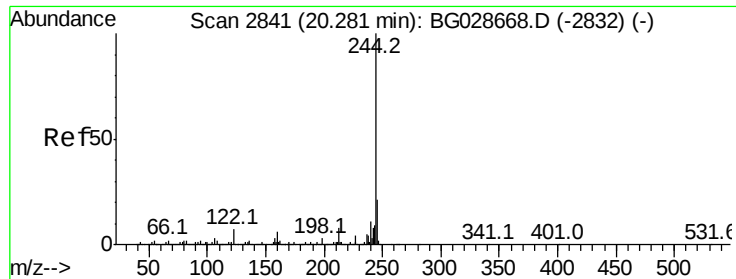


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 94.402 ng

RT: 20.28 min Scan# 2840

Delta R.T. -0.00 min

Lab File: BG028717.D

Acq: 14 Sep 2017 4:45

Instrument :

BNA_G

ClientSampleId :

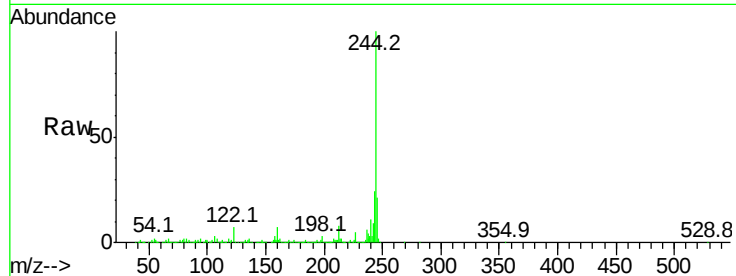
Tot Ion:244 Resp: 1289375

Ion Ratio Lower Upper

244 100

212 7.8 10.0 15.0#

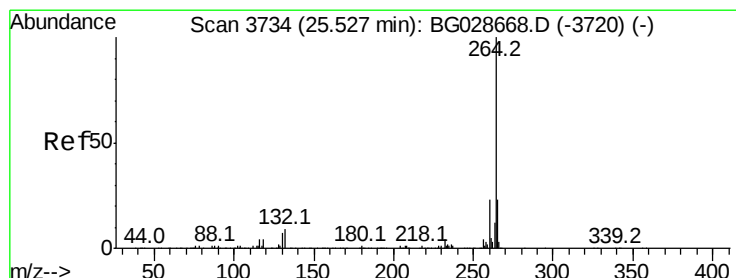
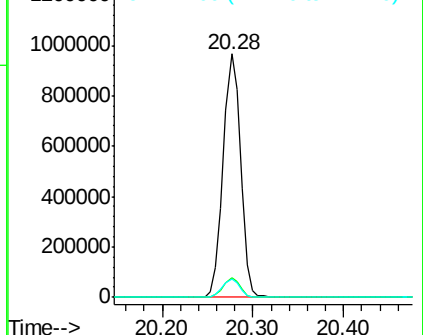
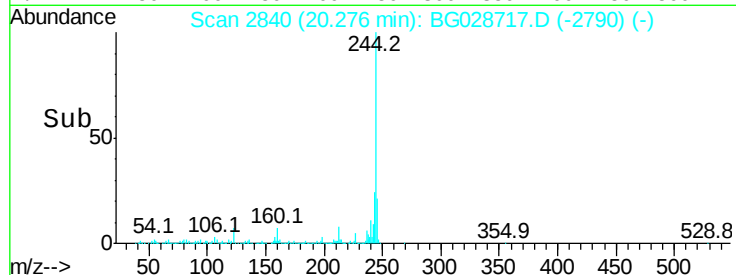
122 7.3 8.6 12.8#



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: 20.000 ng

RT: 25.52 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BG028717.D

Acq: 14 Sep 2017 4:45

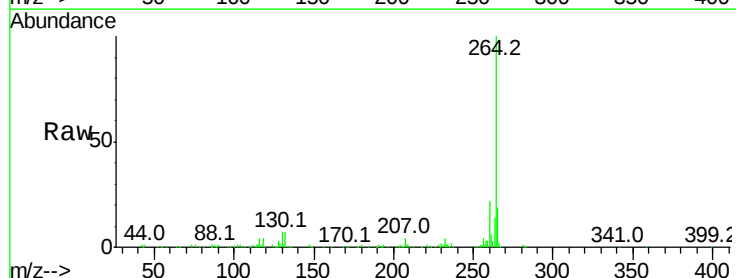
Tgt Ion:264 Resp: 297943

Ion Ratio Lower Upper

264 100

260 21.9 21.8 32.8

265 19.2 18.2 27.4



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

