

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060719\
 Data File : BG041102.D
 Acq On : 7 Jun 2019 15:24
 Operator : HP/JU
 Sample : K3203-16
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS043MW100-190604

Quant Time: Jun 08 17:51:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 08 17:33:39 2019
 Response via : Initial Calibration

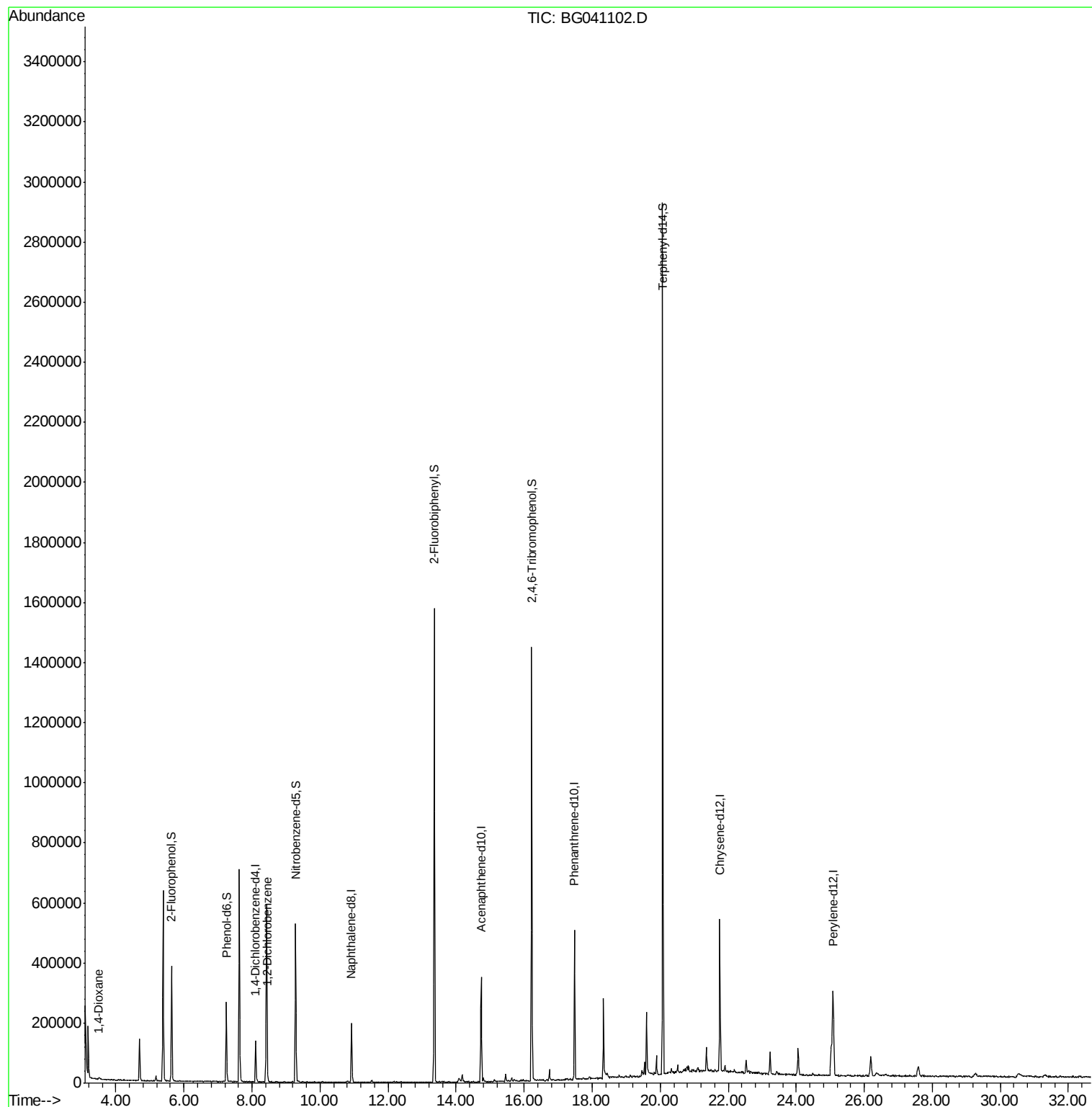
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	36677	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	156582	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	120700	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	305634	20.00	ng	0.00
76) Chrysene-d12	21.75	240	308288	20.00	ng	0.00
87) Perylene-d12	25.08	264	330979	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	146993	72.27	ng	0.00
7) Phenol-d6	7.25	99	143301	45.62	ng	0.00
23) Nitrobenzene-d5	9.28	82	324720	92.06	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	265292	148.05	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	802187	95.71	ng	0.00
79) Terphenyl-d14	20.08	244	1371683	94.43	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.51	88	3476	3.766	ng	99
14) 1,2-Dichlorobenzene	8.45	146	6896	2.423	ng	94

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

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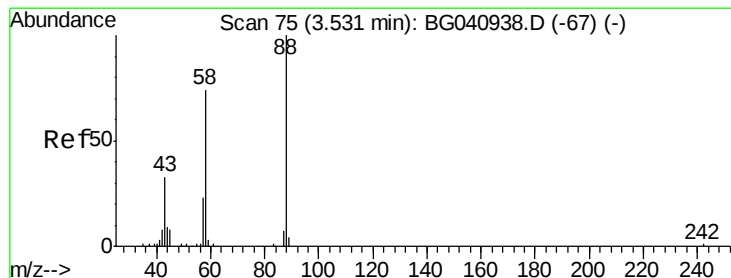
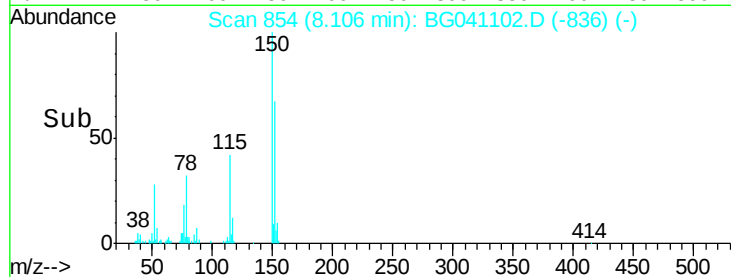
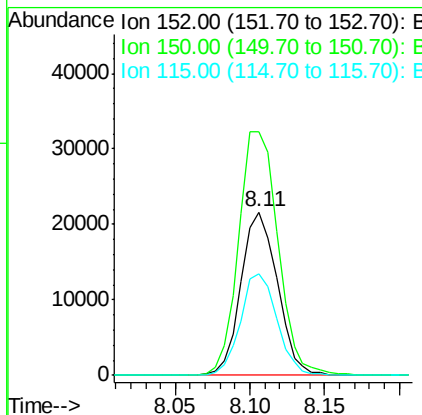
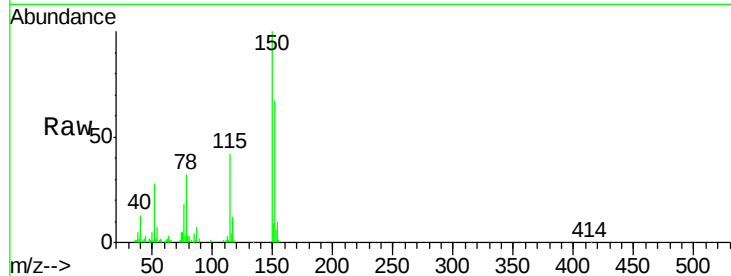


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG041102.D
Acq: 7 Jun 2019 15:24

Instrument :
BNA_G
ClientSampleId :
SS043MW100-190604

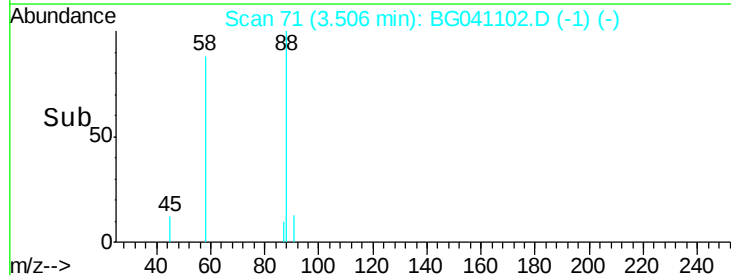
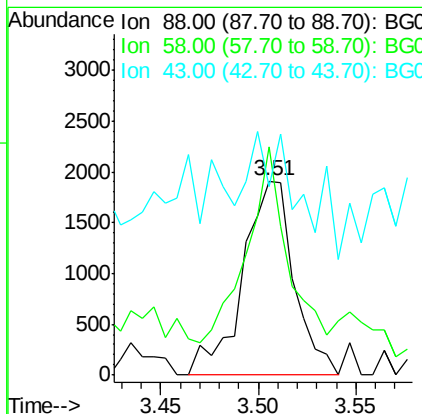
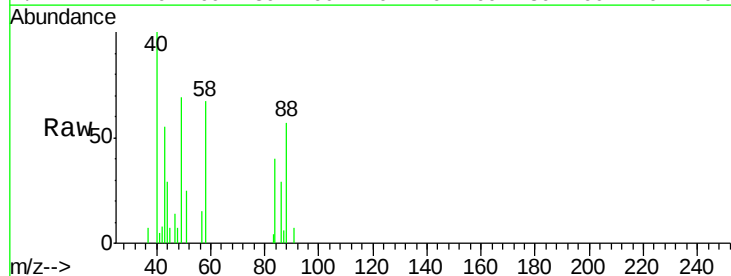
Tot Ion:152 Resp: 36677
Ion Ratio Lower Upper
152 100
150 149.2 111.7 167.5
115 62.0 48.6 73.0

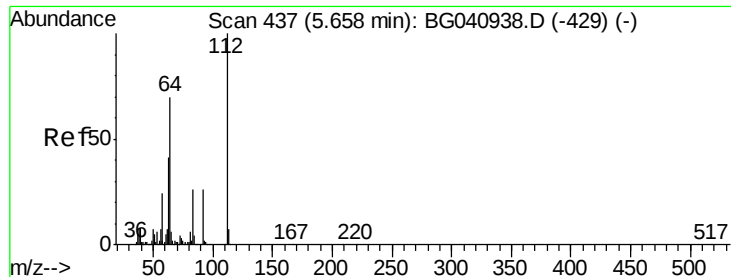


#2

1,4-Dioxane
Concen: 3.766 ng
RT: 3.51 min Scan# 71
Delta R.T. 0.00 min
Lab File: BG041102.D
Acq: 7 Jun 2019 15:24

Tgt Ion: 88 Resp: 3476
Ion Ratio Lower Upper
88 100
58 77.2 61.2 91.8
43 35.5 29.4 44.2





#5

2-Fluorophenol

Concen: 72.269 ng

RT: 5.64 min Scan# 434

Delta R.T. -0.00 min

Lab File: BG041102.D

Acq: 7 Jun 2019 15:24

Instrument :

BNA_G

ClientSampleId :

SS043MW100-190604

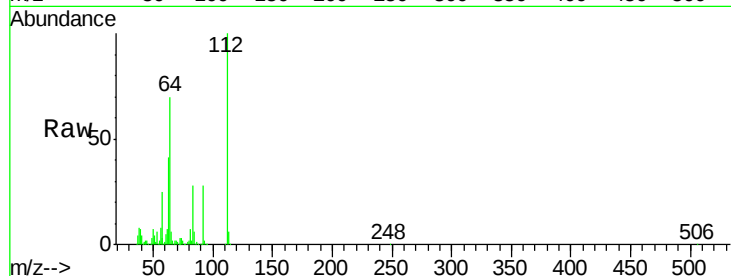
Tot Ion:112 Resp: 146993

Ion Ratio Lower Upper

112 100

64 70.0 54.5 81.7

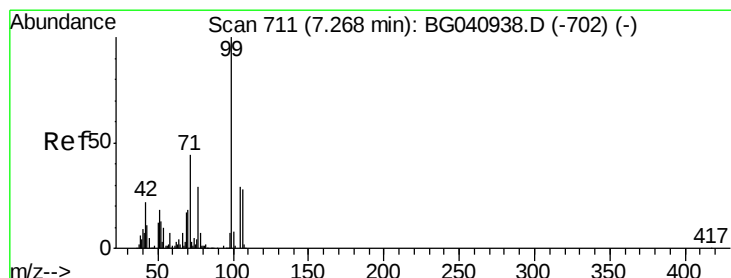
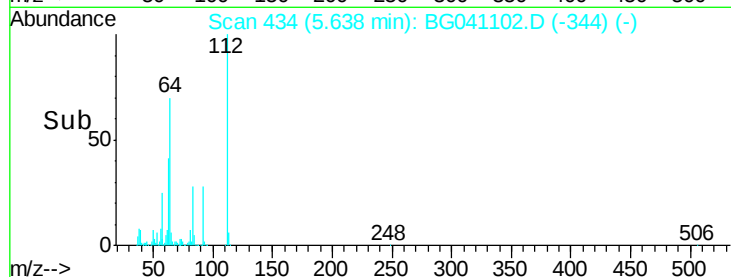
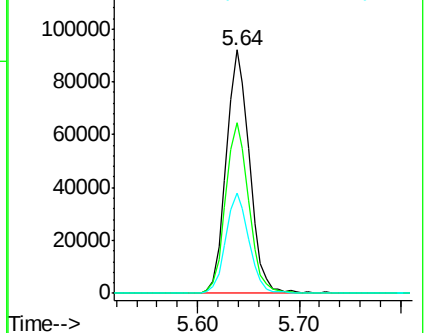
63 41.2 32.2 48.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 45.619 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BG041102.D

Acq: 7 Jun 2019 15:24

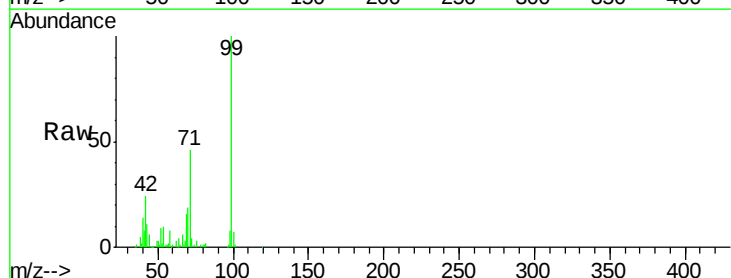
Tgt Ion: 99 Resp: 143301

Ion Ratio Lower Upper

99 100

42 24.0 18.8 28.2

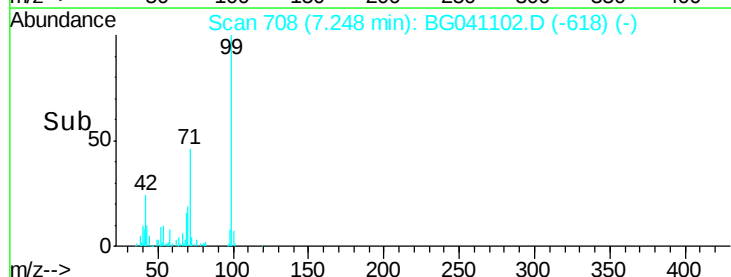
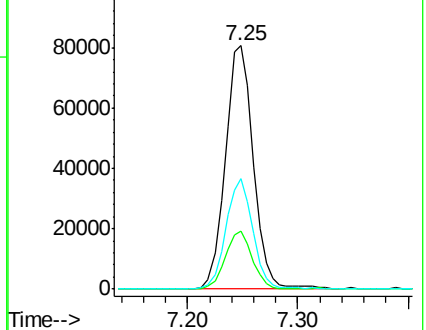
71 45.5 35.6 53.4

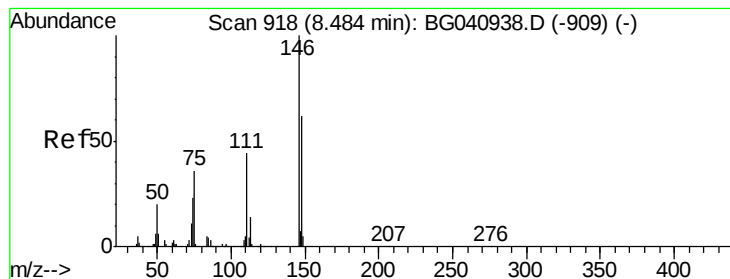


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#14

1,2-Dichlorobenzene

Concen: 2.423 ng

RT: 8.45 min Scan# 913

Delta R.T. -0.01 min

Lab File: BG041102.D

Acq: 7 Jun 2019 15:24

Instrument :

BNA_G

ClientSampleId :

SS043MW100-190604

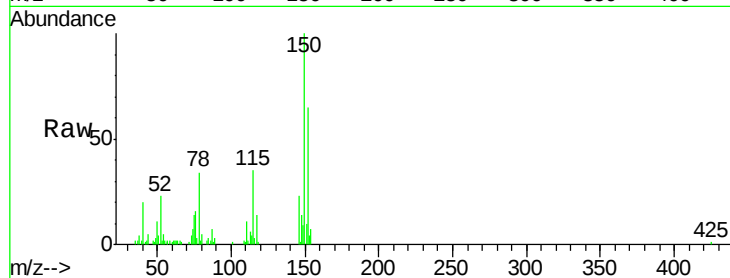
Tot Ion:146 Resp: 6896

Ion Ratio Lower Upper

146 100

148 61.7 49.0 73.6

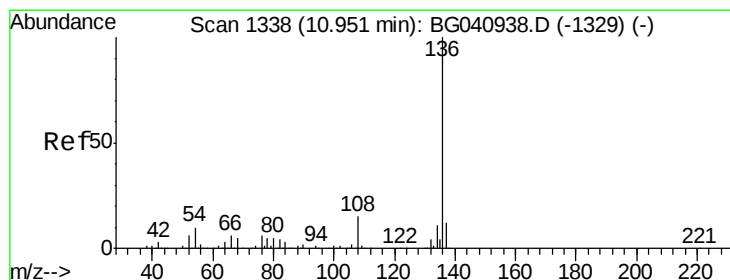
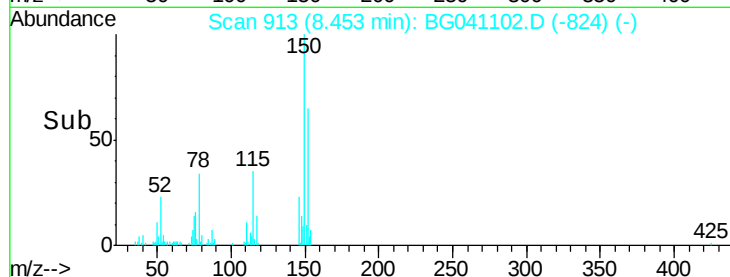
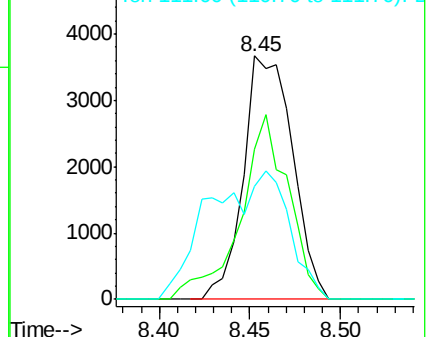
111 53.7 36.5 54.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BG041102.D

Acq: 7 Jun 2019 15:24

Tgt Ion:136 Resp: 156582

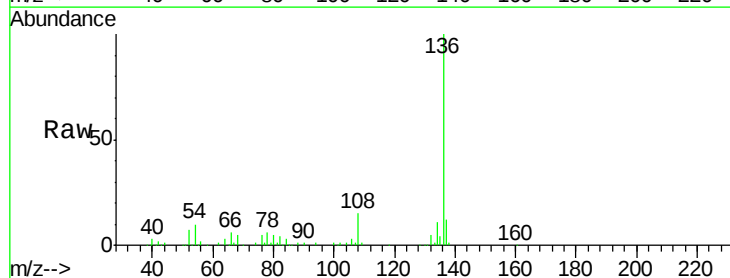
Ion Ratio Lower Upper

136 100

137 11.7 8.9 13.3

54 10.0 7.4 11.2

68 4.6 4.0 6.0

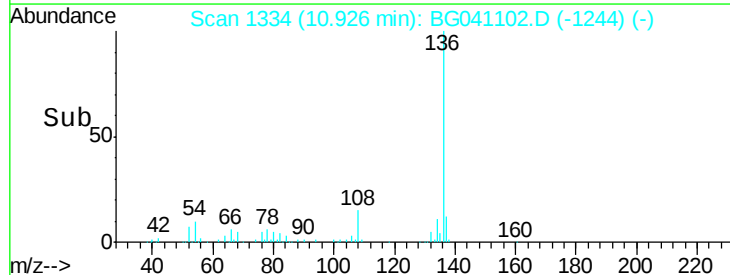
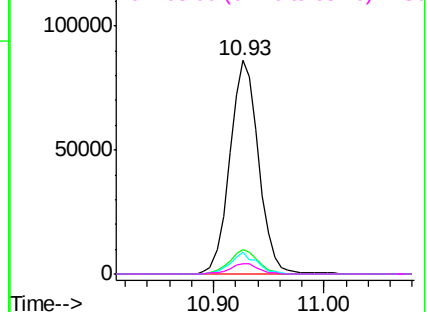


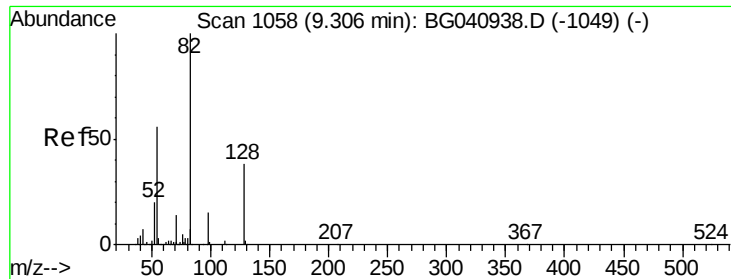
Abundance Ion 136.00 (135.70 to 136.70): E

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

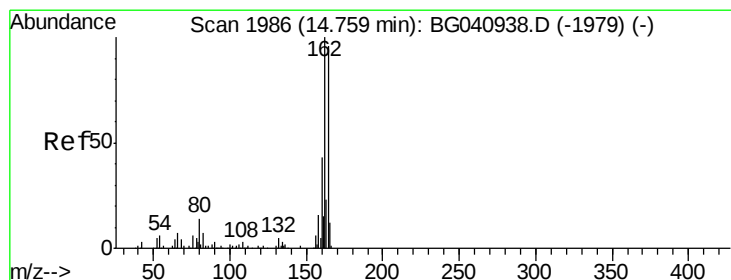
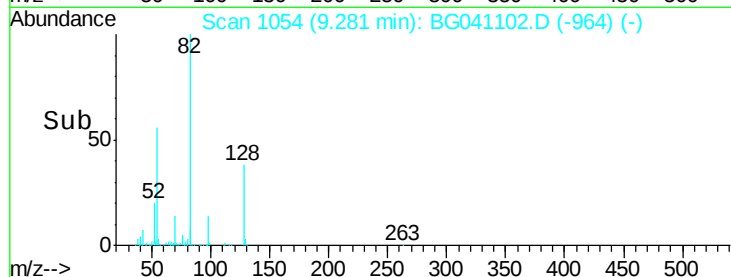
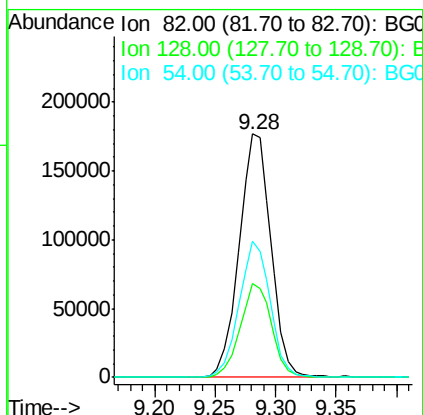
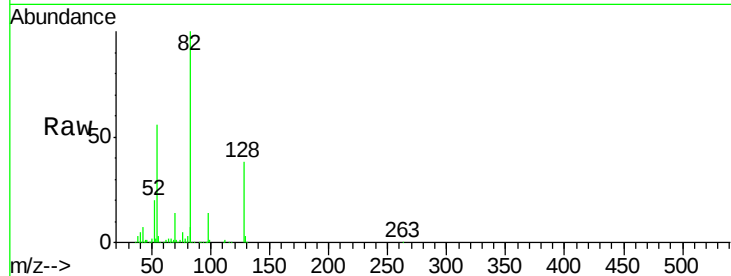




#23
Nitrobenzene-d5
Concen: 92.064 ng
RT: 9.28 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BG041102.D
Acq: 7 Jun 2019 15:24

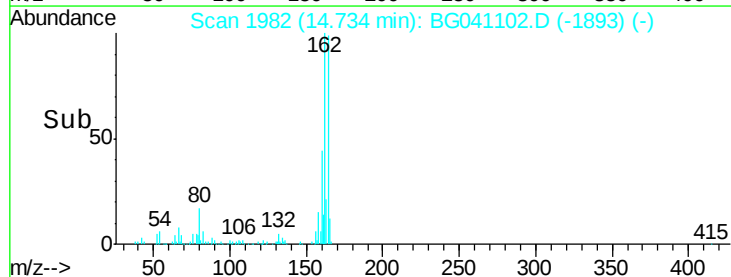
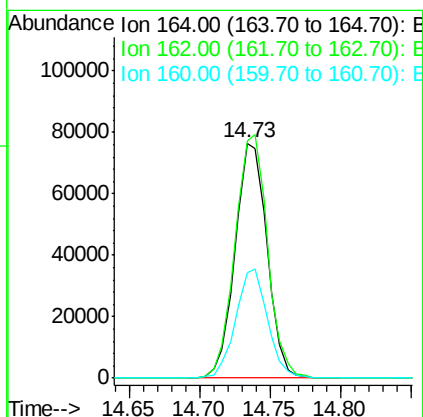
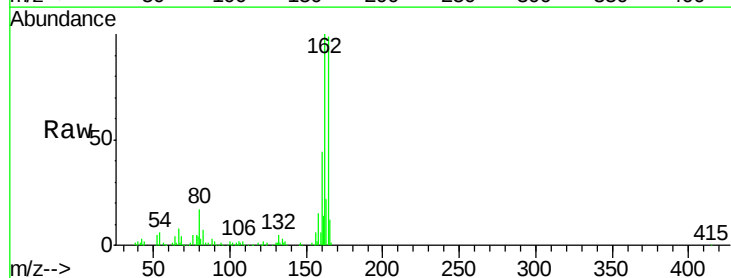
Instrument :
BNA_G
ClientSampleId :
SS043MW100-190604

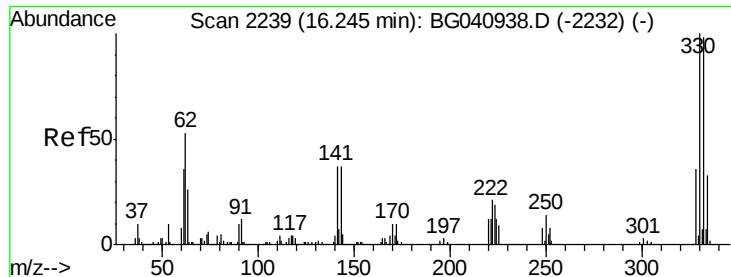
Tot Ion: 82 Resp: 324720
Ion Ratio Lower Upper
82 100
128 38.4 29.8 44.6
54 55.7 43.6 65.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG041102.D
Acq: 7 Jun 2019 15:24

Tgt Ion: 164 Resp: 120700
Ion Ratio Lower Upper
164 100
162 101.1 85.4 128.0
160 44.6 37.1 55.7

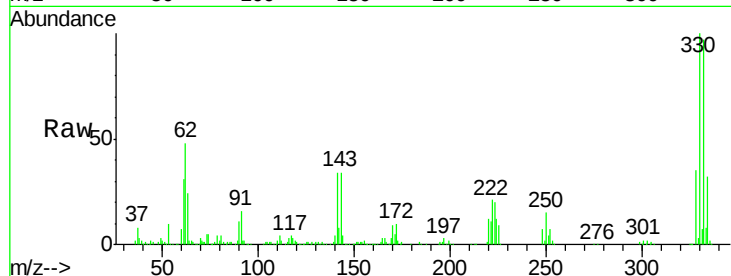




#42
 2,4,6-Tribromophenol
 Concen: 148.053 ng
 RT: 16.23 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BG041102.D
 Acq: 7 Jun 2019 15:24

Instrument :
 BNA_G
 ClientSampleId :
 SS043MW100-190604

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.9	116.9
141	36.3	29.0	43.4

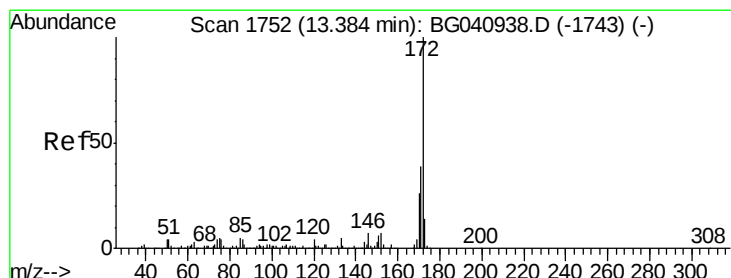
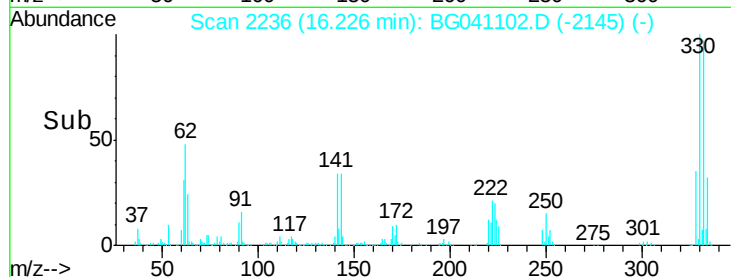
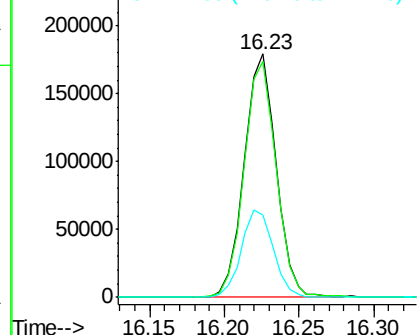


Abundance

Ion 329.80 (329.50 to 330.50): E

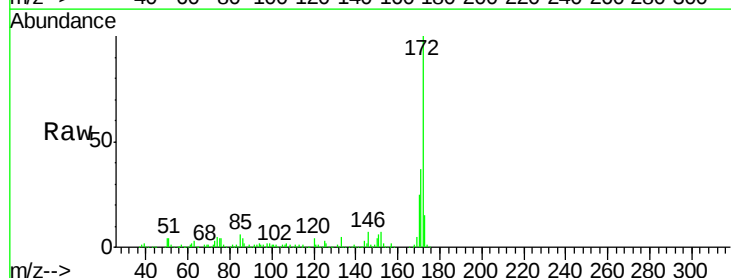
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 95.711 ng
 RT: 13.36 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BG041102.D
 Acq: 7 Jun 2019 15:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.8	46.2
170	25.2	21.3	31.9

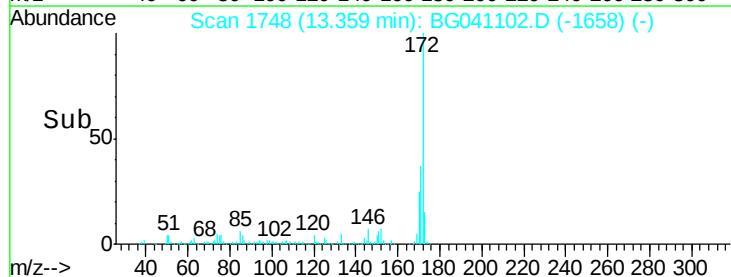
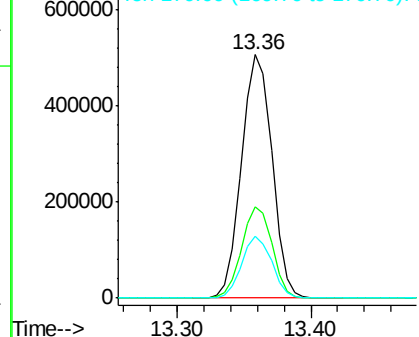


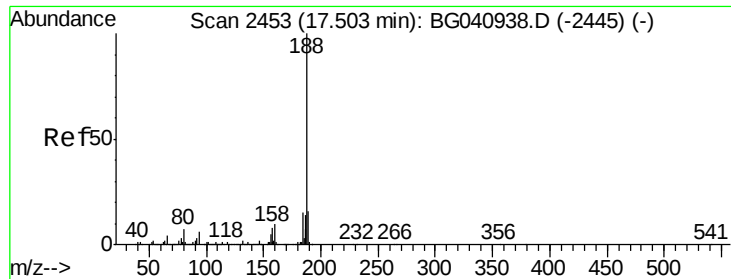
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BG041102.D

Acq: 7 Jun 2019 15:24

Instrument :

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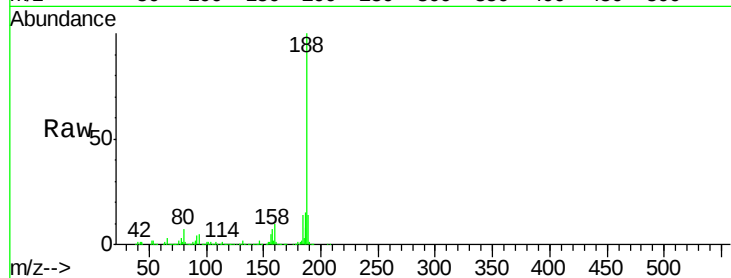
Tot Ion:188 Resp: 305634

Ion Ratio Lower Upper

188 100

94 5.4 4.6 7.0

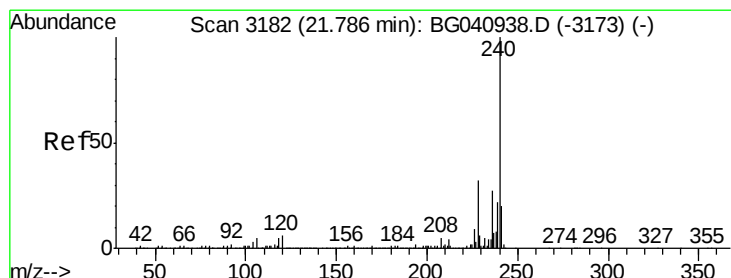
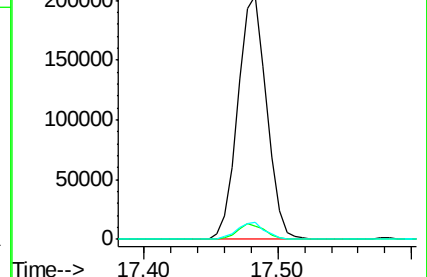
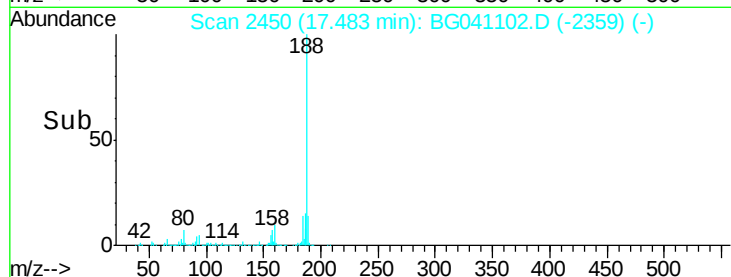
80 6.9 5.8 8.8



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG041102.D

Acq: 7 Jun 2019 15:24

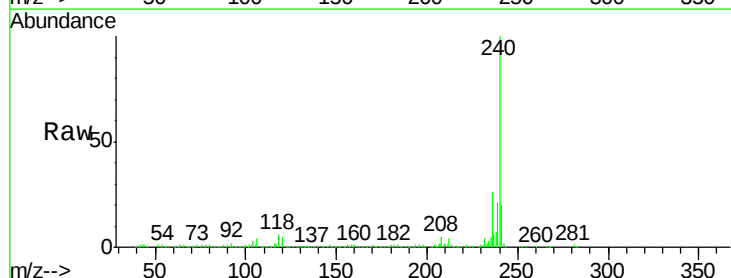
Tgt Ion:240 Resp: 308288

Ion Ratio Lower Upper

240 100

120 5.1 4.6 6.8

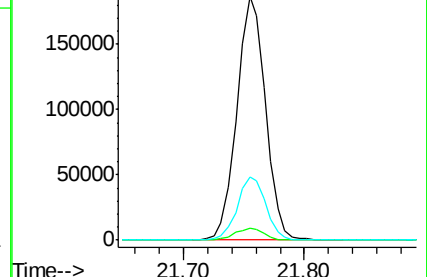
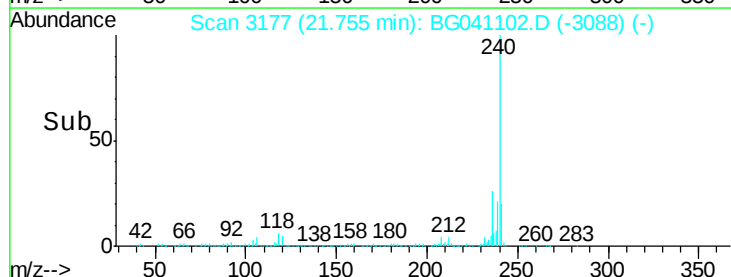
236 26.1 20.6 31.0

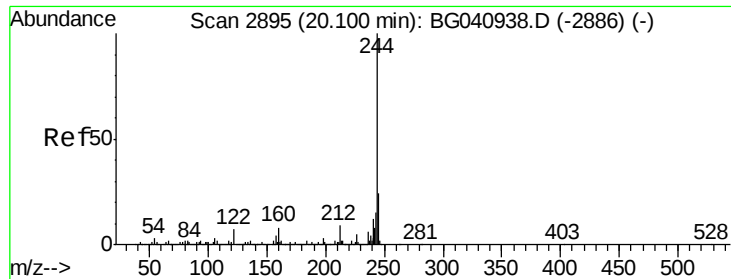


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 94.431 ng

RT: 20.08 min Scan# 2892

Delta R.T. 0.00 min

Lab File: BG041102.D

Acq: 7 Jun 2019 15:24

Instrument :

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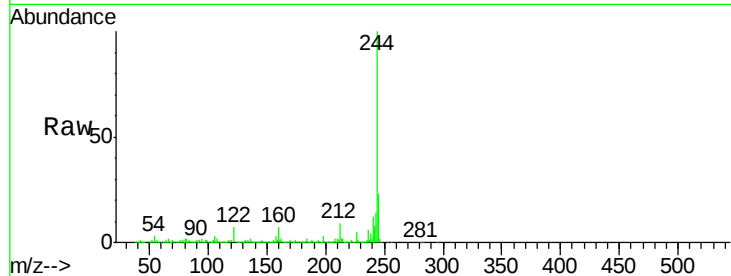
Tot Ion:244 Resp: 1371683

Ion Ratio Lower Upper

244 100

212 8.6 6.9 10.3

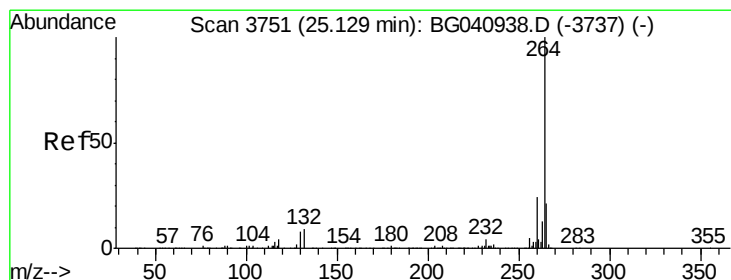
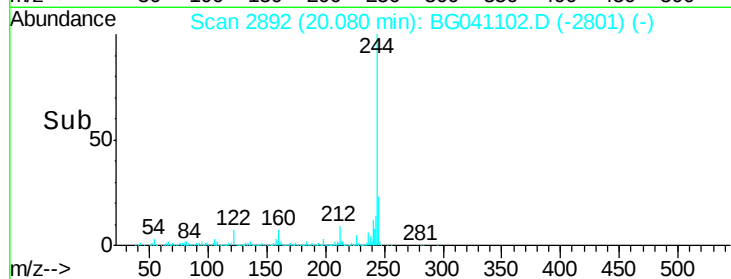
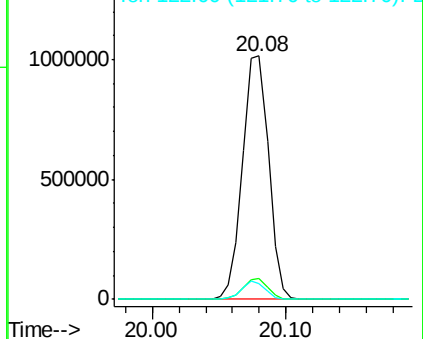
122 6.7 5.4 8.0



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: 25.08 min Scan# 3743

Delta R.T. -0.00 min

Lab File: BG041102.D

Acq: 7 Jun 2019 15:24

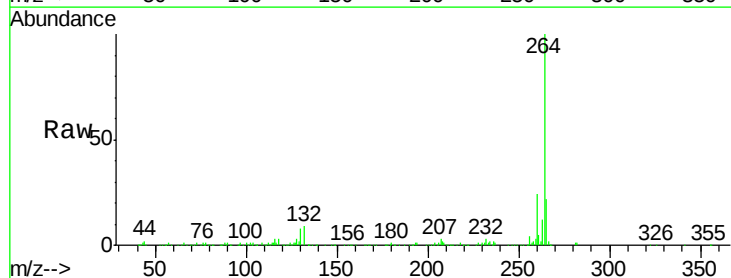
Tgt Ion:264 Resp: 330979

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 22.0 17.6 26.4



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

