

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092717\
 Data File : BG028951.D
 Acq On : 27 Sep 2017 20:24
 Operator : SJ/JU
 Sample : I5428-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A-B-C-DRUM-COMP

Quant Time: Sep 28 01:27:42 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

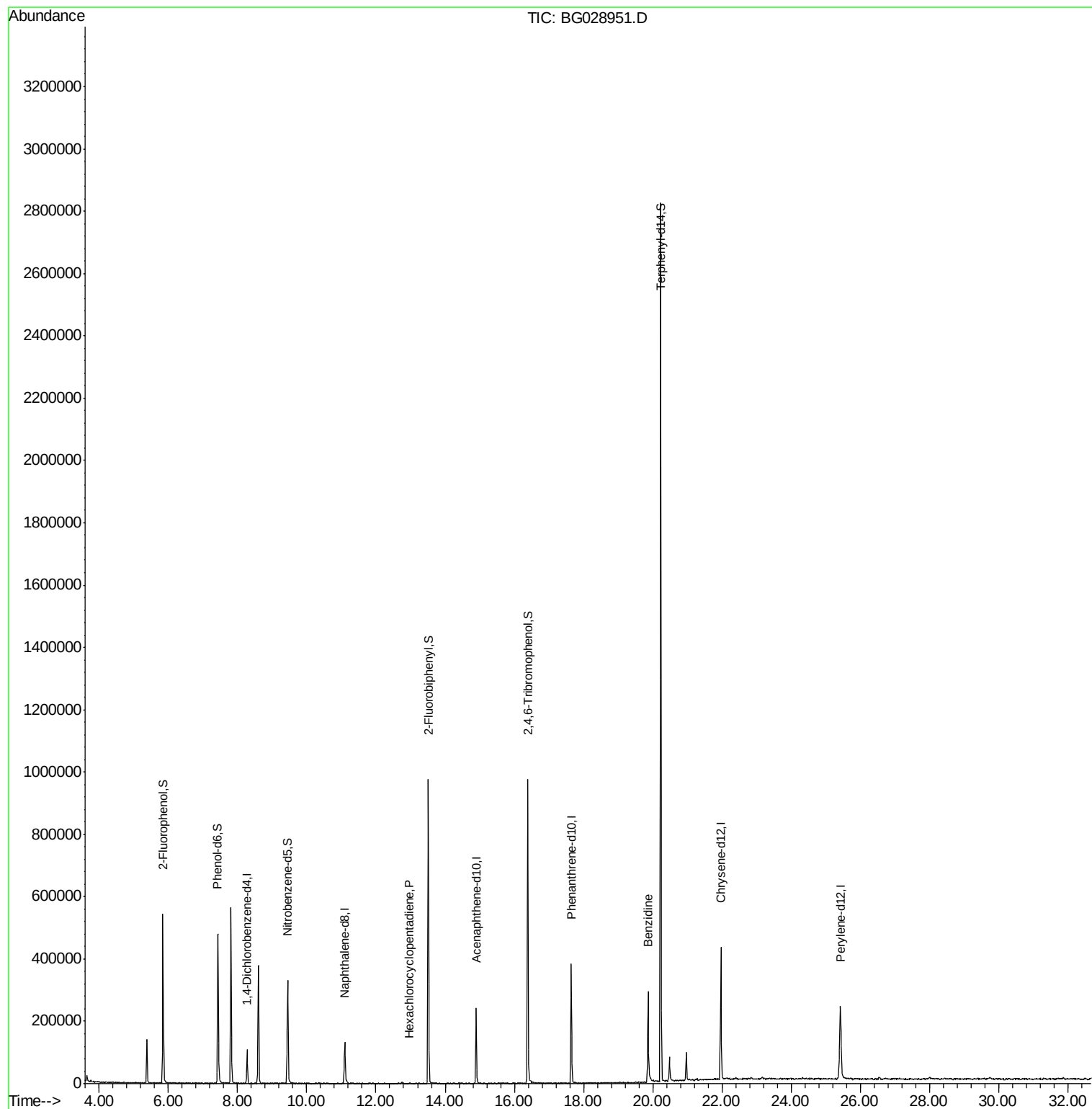
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	29058	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	119161	20.00	ng	-0.05
38) Acenaphthene-d10	14.89	164	85929	20.00	ng	-0.05
63) Phenanthrene-d10	17.65	188	259874	20.00	ng	-0.05
75) Chrysene-d12	21.97	240	302455	20.00	ng	-0.06
86) Perylene-d12	25.42	264	304722	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	234146	132.96	ng	-0.06
7) Phenol-d6	7.44	99	295720	111.53	ng	-0.05
23) Nitrobenzene-d5	9.45	82	219002	87.92	ng	-0.05
41) 2,4,6-Tribromophenol	16.39	330	214529	150.95	ng	-0.05
44) 2-Fluorobiphenyl	13.51	172	545495	84.65	ng	-0.05
78) Terphenyl-d14	20.23	244	1311003	92.44	ng	-0.05
Target Compounds						
40) Hexachlorocyclopentadiene	12.96	237	61	7.643	ng	Qvalue # 29
76) Benzidine	19.86	184	215154	27.431	ng	95

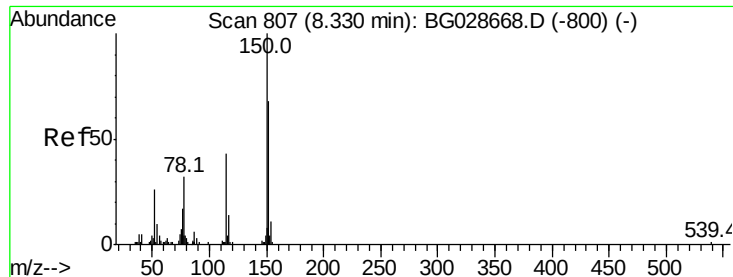
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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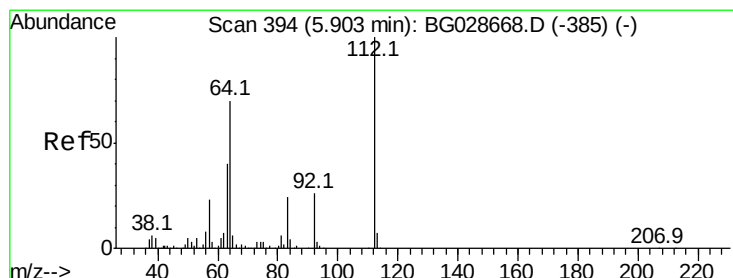
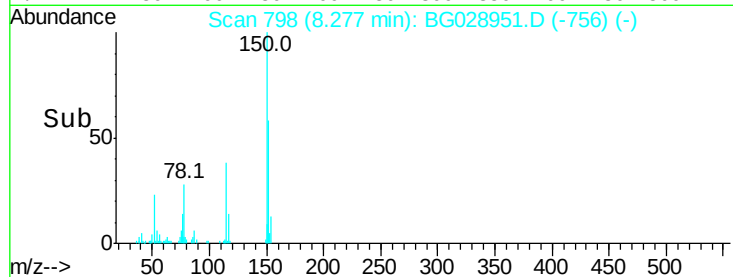
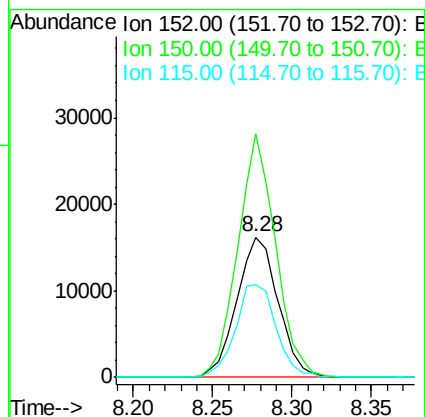
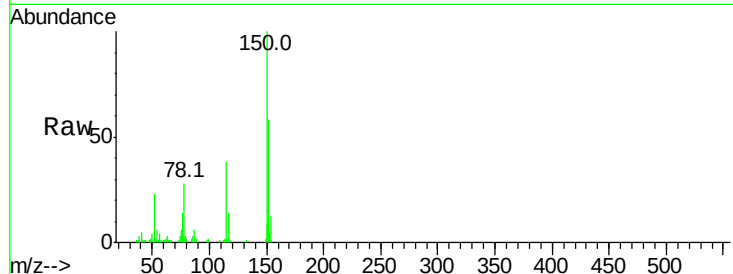


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.28 min Scan# 798
Delta R.T. -0.05 min
Lab File: BG028951.D
Acq: 27 Sep 2017 20:24

Instrument :
BNA_G
ClientSampleId :
A-B-C-DRUM-COMP

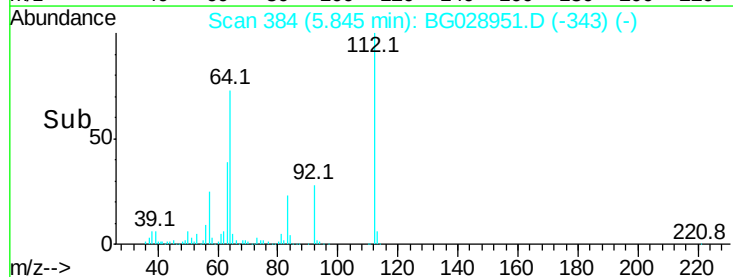
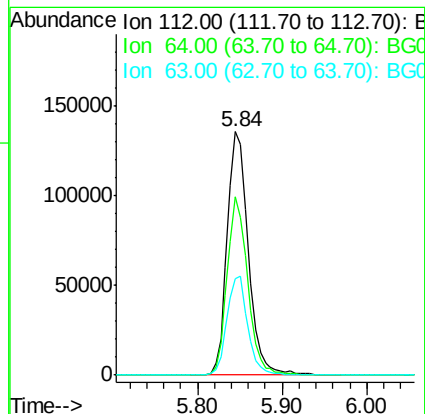
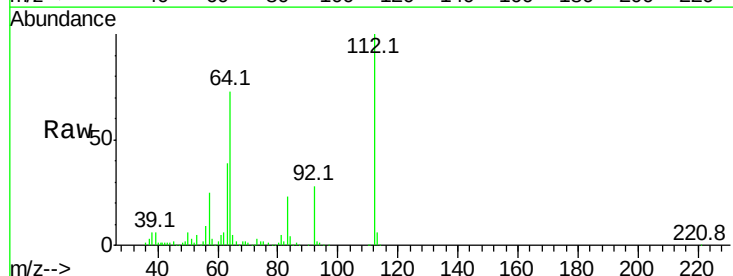
Tot Ion:152 Resp: 29058
Ion Ratio Lower Upper
152 100
150 173.5 114.0 171.0#
115 66.4 48.1 72.1

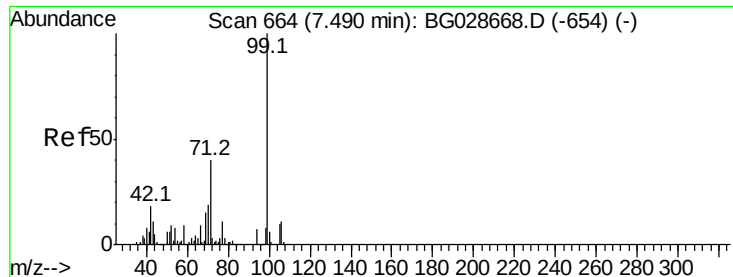


#5

2-Fluorophenol
Concen: 132.959 ng
RT: 5.84 min Scan# 384
Delta R.T. -0.06 min
Lab File: BG028951.D
Acq: 27 Sep 2017 20:24

Tgt Ion:112 Resp: 234146
Ion Ratio Lower Upper
112 100
64 73.0 61.8 92.6
63 39.4 37.2 55.8





#7

Phenol-d6

Concen: 111.531 ng

RT: 7.44 min Scan# 655

Delta R.T. -0.05 min

Lab File: BG028951.D

Acq: 27 Sep 2017 20:24

Instrument :

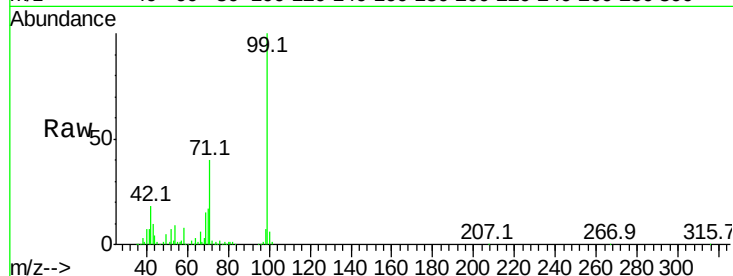
BNA_G

ClientSampleId :

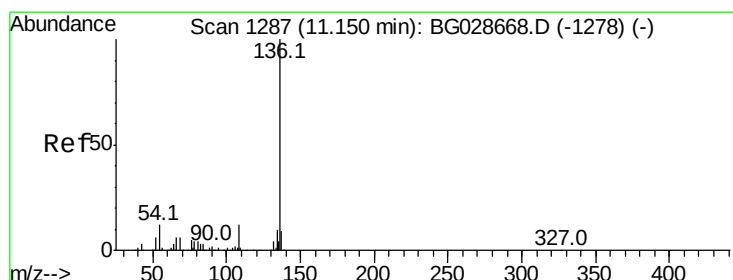
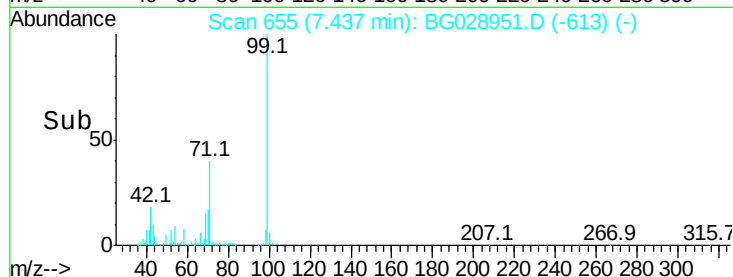
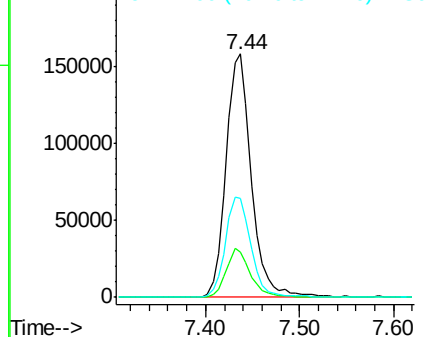
A-B-C-DRUM-COMP

Tot Ion: 99 Resp: 295720

Ion	Ratio	Lower	Upper
99	100		
42	18.4	20.5	30.7#
71	40.4	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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.10 min Scan# 1278

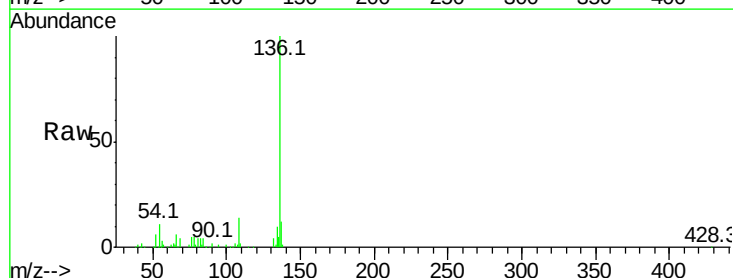
Delta R.T. -0.05 min

Lab File: BG028951.D

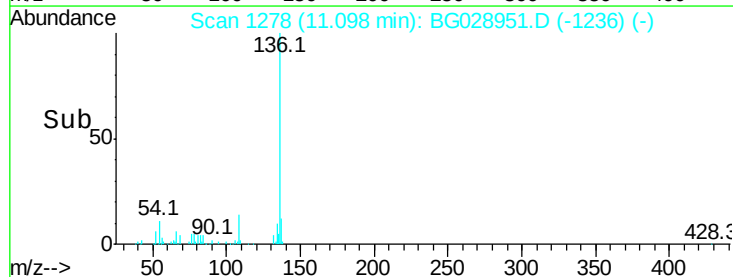
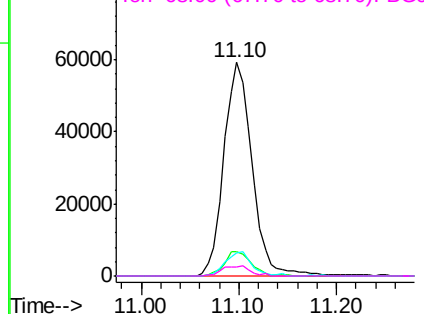
Acq: 27 Sep 2017 20:24

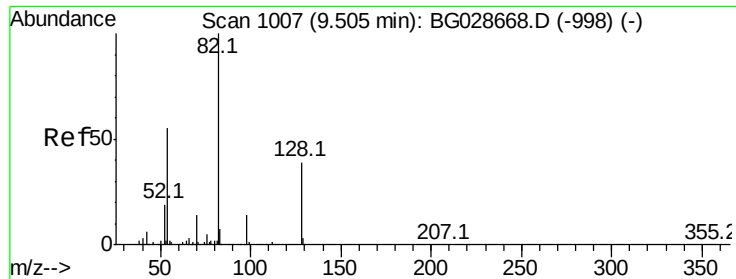
Tgt Ion: 136 Resp: 119161

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	10.8	9.3	13.9
68	4.4	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: 87.919 ng

RT: 9.45 min Scan# 998

Delta R.T. -0.05 min

Lab File: BG028951.D

Acq: 27 Sep 2017 20:24

Instrument :

BNA_G

ClientSampleId :

A-B-C-DRUM-COMP

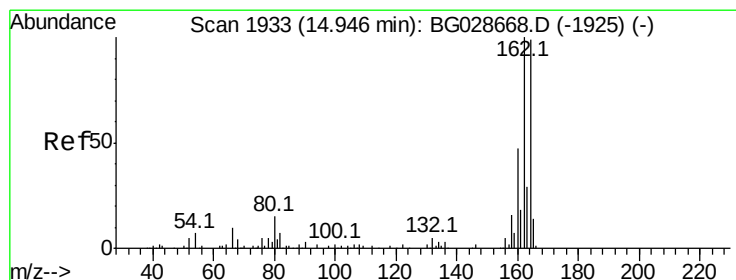
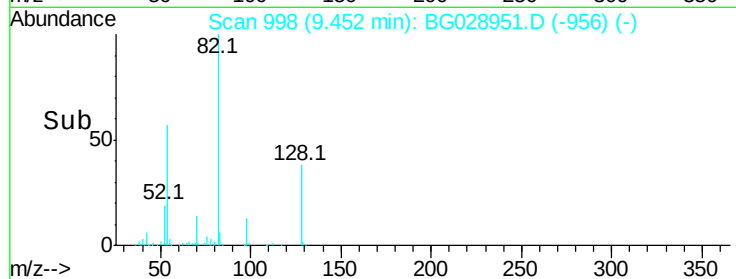
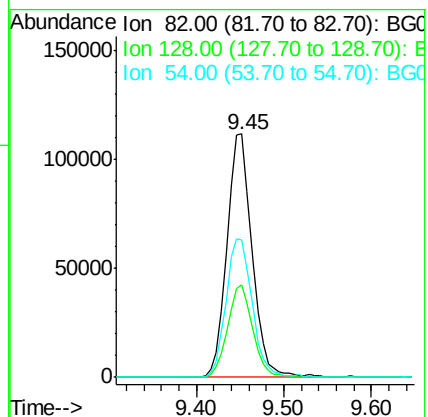
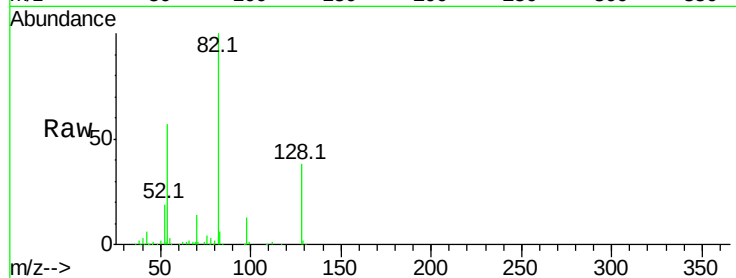
Tot Ion: 82 Resp: 219002

Ion Ratio Lower Upper

82 100

128 37.9 26.4 39.6

54 56.5 49.4 74.2



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.89 min Scan# 1924

Delta R.T. -0.05 min

Lab File: BG028951.D

Acq: 27 Sep 2017 20:24

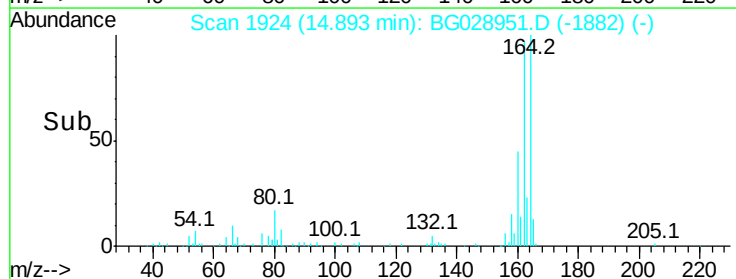
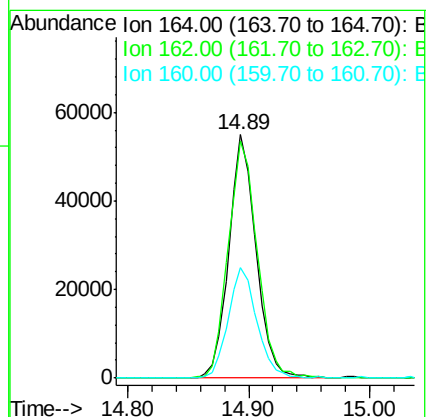
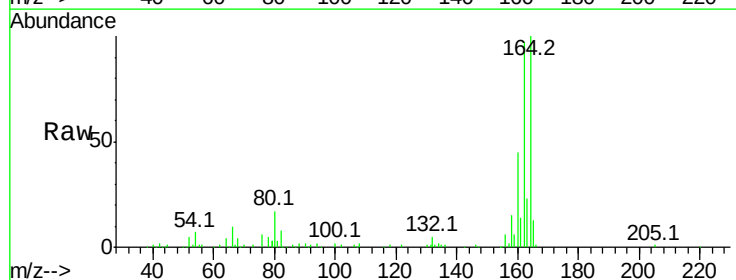
Tgt Ion: 164 Resp: 85929

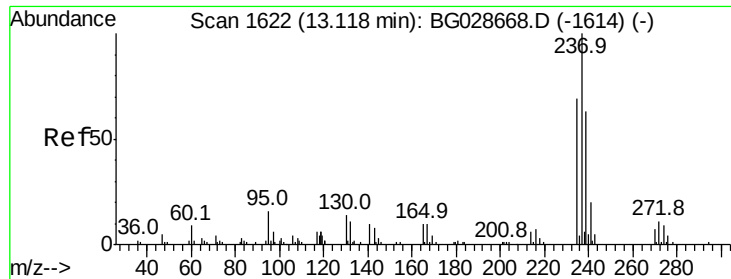
Ion Ratio Lower Upper

164 100

162 97.3 85.1 127.7

160 45.3 34.7 52.1





#40

Hexachlorocyclopentadiene

Concen: 7.643 ng

RT: 12.96 min Scan# 1595

Delta R.T. -0.16 min

Lab File: BG028951.D

Acq: 27 Sep 2017 20:24

Instrument :

BNA_G

ClientSampleId :

A-B-C-DRUM-COMP

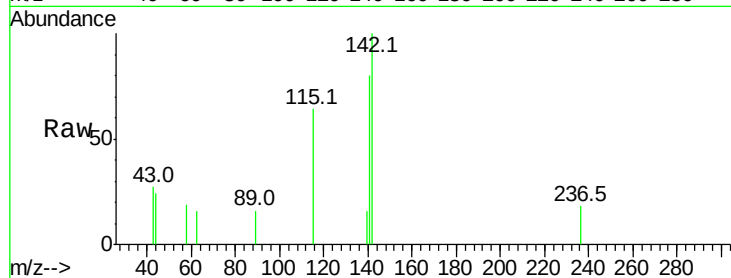
Tot Ion:237 Resp: 61

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

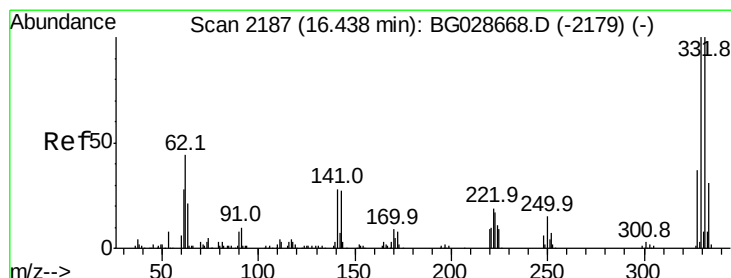
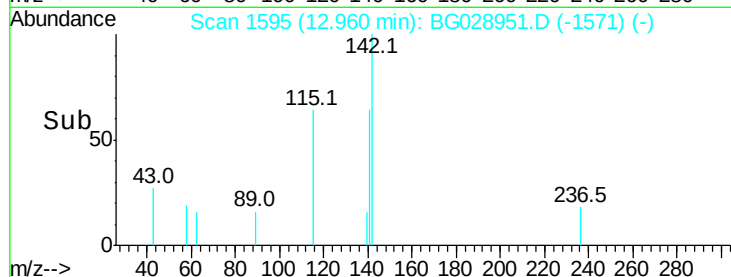
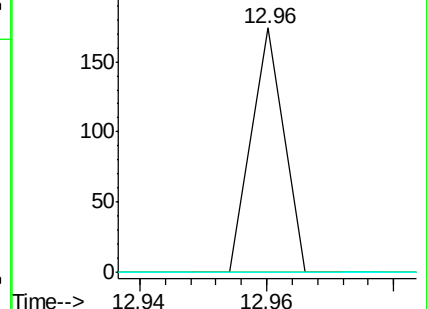
272 0.0 0.0 32.0



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: 150.948 ng

RT: 16.39 min Scan# 2178

Delta R.T. -0.05 min

Lab File: BG028951.D

Acq: 27 Sep 2017 20:24

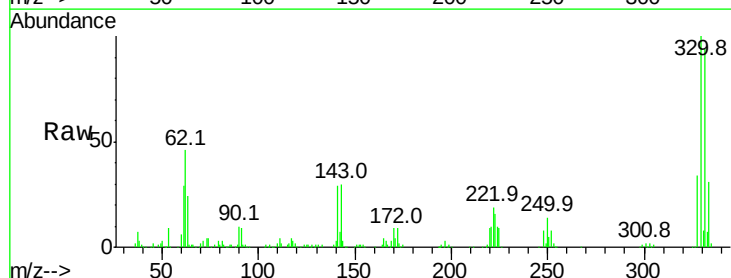
Tgt Ion:330 Resp: 214529

Ion Ratio Lower Upper

330 100

332 97.6 77.3 115.9

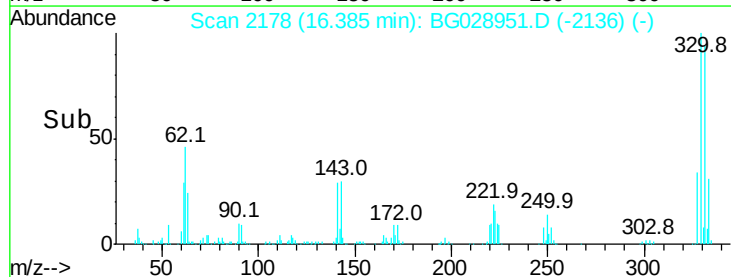
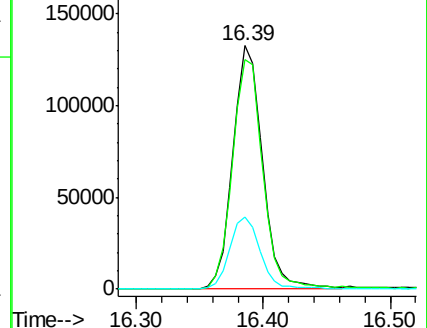
141 30.7 32.1 48.1#

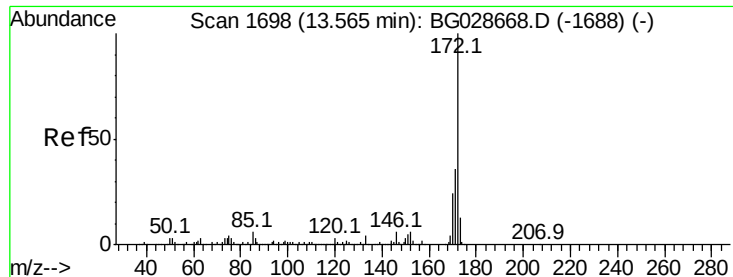


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

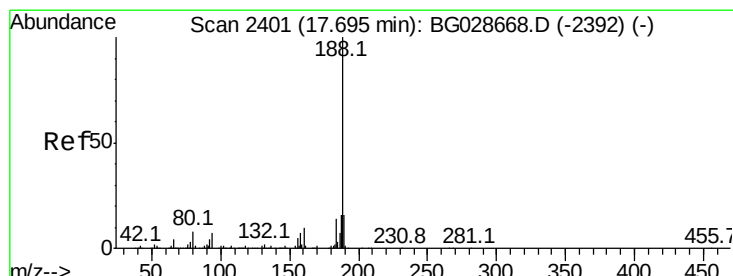
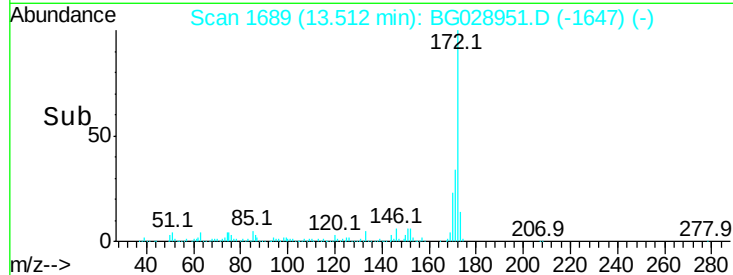
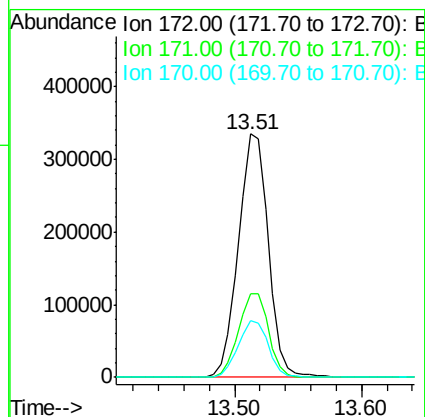
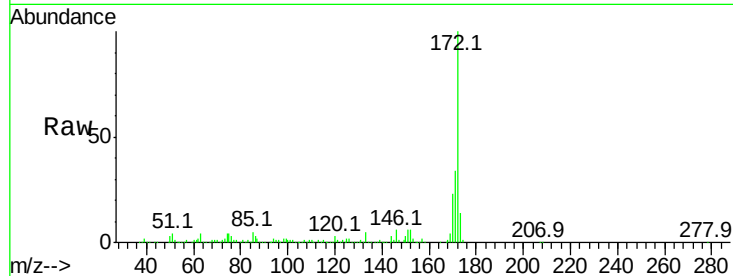




#44
2-Fluorobiphenyl
Concen: 84.648 ng
RT: 13.51 min Scan# 1689
Delta R.T. -0.05 min
Lab File: BG028951.D
Acq: 27 Sep 2017 20:24

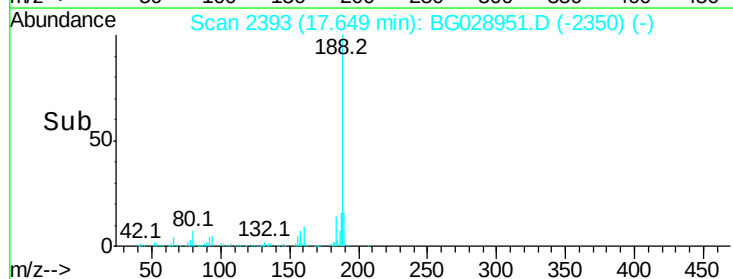
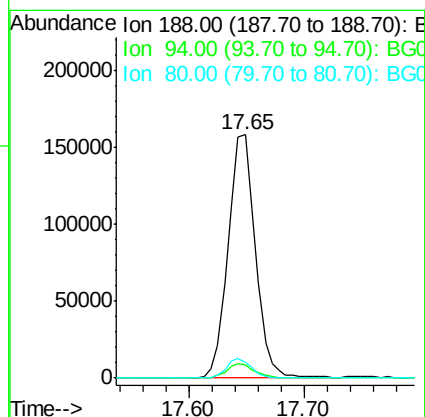
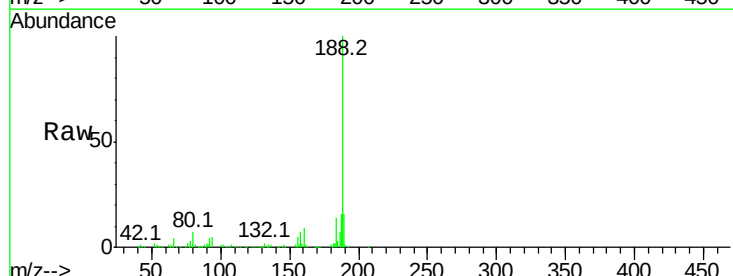
Instrument :
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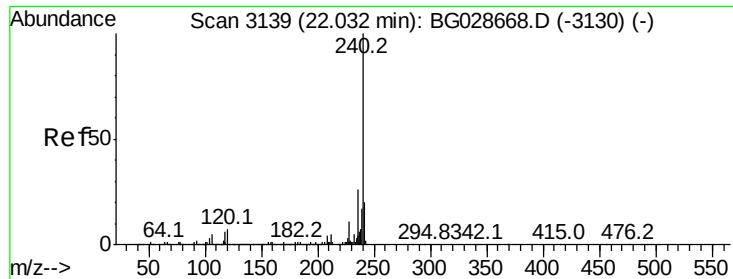
Tot Ion:172 Resp: 545495
Ion Ratio Lower Upper
172 100
171 34.4 32.2 48.2
170 23.4 21.8 32.6



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.65 min Scan# 2393
Delta R.T. -0.05 min
Lab File: BG028951.D
Acq: 27 Sep 2017 20:24

Tgt Ion:188 Resp: 259874
Ion Ratio Lower Upper
188 100
94 5.5 5.8 8.8#
80 6.6 7.5 11.3#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.97 min Scan# 3128

Delta R.T. -0.06 min

Lab File: BG028951.D

Acq: 27 Sep 2017 20:24

Instrument :

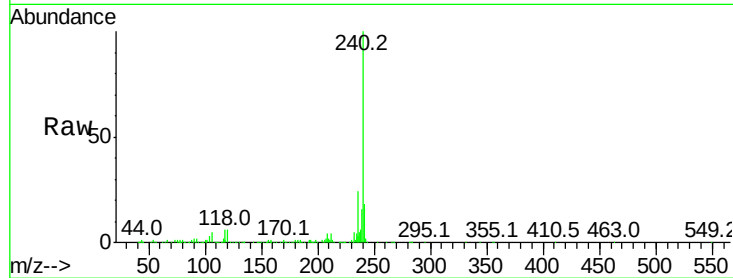
BNA_G

ClientSampleId :

A-B-C-DRUM-COMP

Tot Ion:240 Resp: 302455

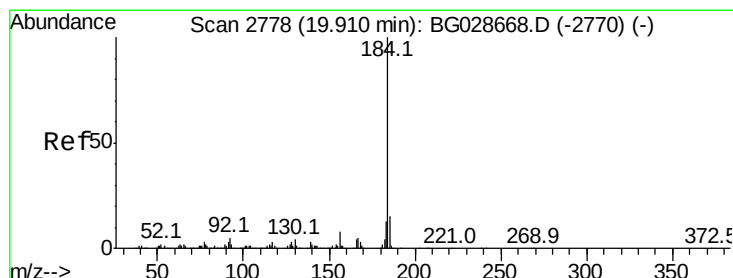
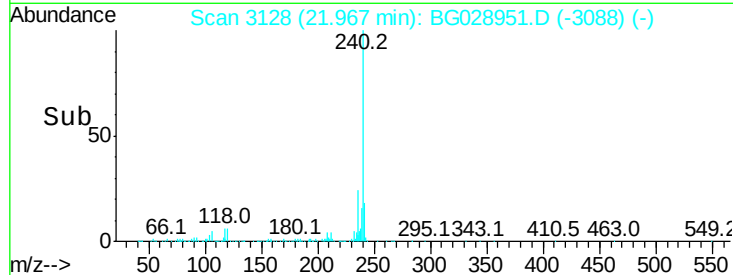
Ion	Ratio	Lower	Upper
240	100		
120	6.1	5.7	8.5
236	24.4	22.2	33.4



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



#76

Benzidine

Concen: 27.431 ng

RT: 19.86 min Scan# 2770

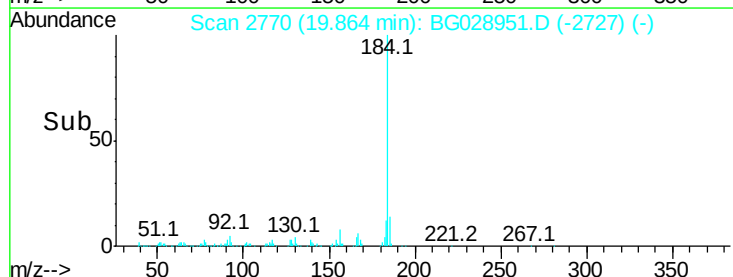
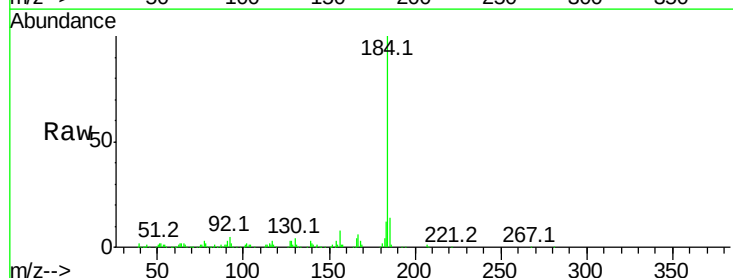
Delta R.T. -0.05 min

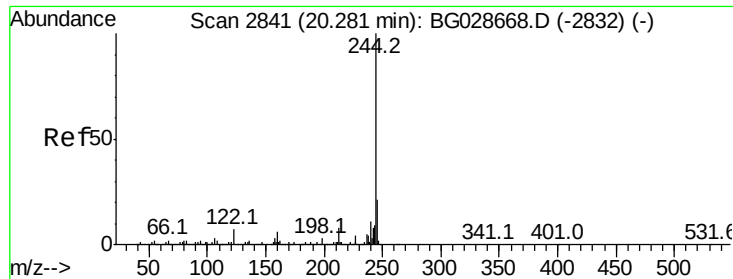
Lab File: BG028951.D

Acq: 27 Sep 2017 20:24

Tgt Ion:184 Resp: 215154

Ion	Ratio	Lower	Upper
184	100		
185	14.0	13.0	19.6
183	12.2	11.0	16.6





#78

Terphenyl-d14

Concen: 92.437 ng

RT: 20.23 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028951.D

Acq: 27 Sep 2017 20:24

Instrument :

BNA_G

ClientSampleId :

A-B-C-DRUM-COMP

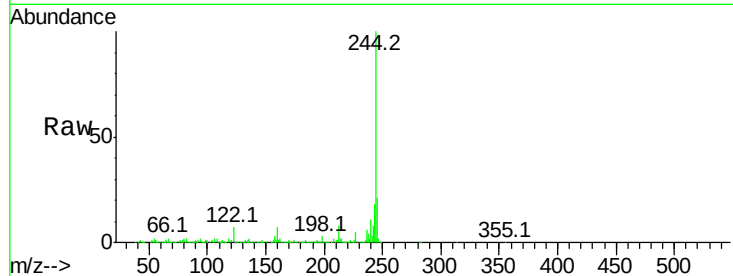
Tot Ion:244 Resp: 1311003

Ion Ratio Lower Upper

244 100

212 8.0 10.0 15.0#

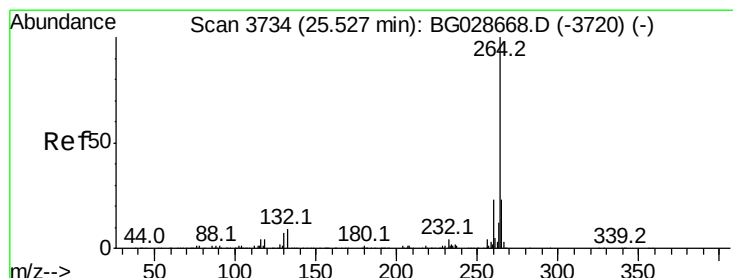
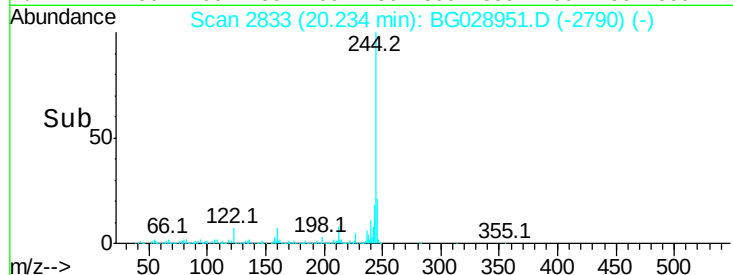
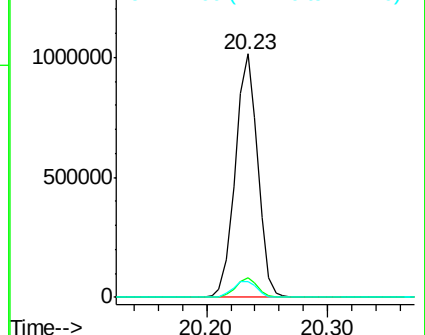
122 6.7 8.6 12.8#



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: 25.42 min Scan# 3716

Delta R.T. -0.11 min

Lab File: BG028951.D

Acq: 27 Sep 2017 20:24

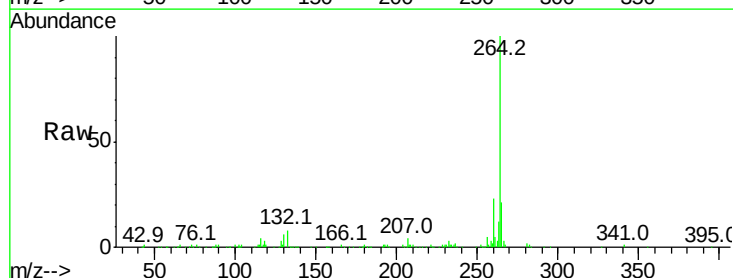
Tgt Ion:264 Resp: 304722

Ion Ratio Lower Upper

264 100

260 23.2 21.8 32.8

265 21.4 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

