

Data Path : S:\HPCHEM1\BNA_G\DATA\BG120817\
 Data File : BG031429.D
 Acq On : 8 Dec 2017 18:35
 Operator : SJ/JU
 Sample : I6746-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ENV-109-4(10-15)

Quant Time: Dec 08 23:57:08 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 17:58:37 2017
 Response via : Initial Calibration

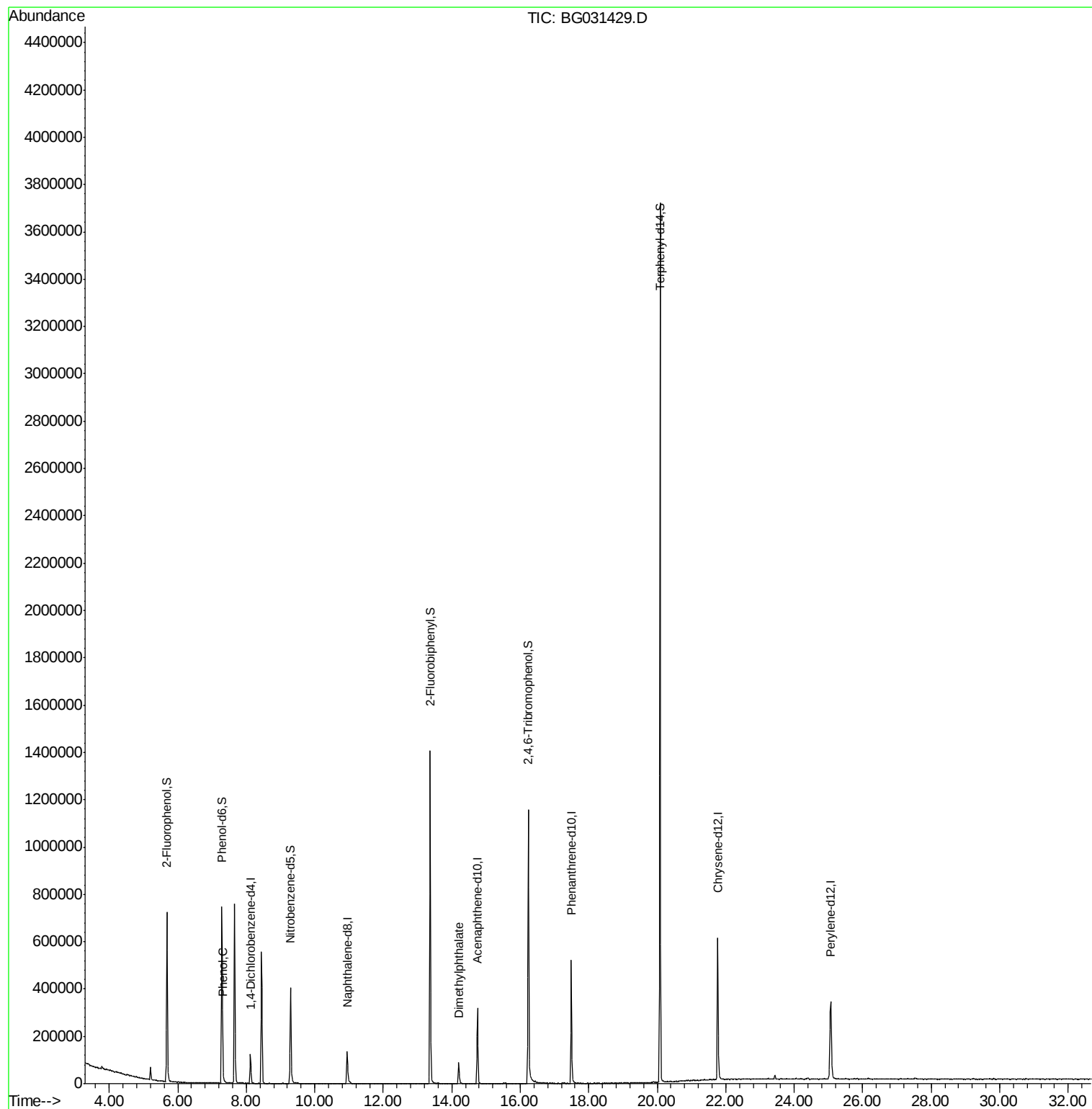
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	36647	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	163654	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	121975	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	373808	20.00	ng	0.00
75) Chrysene-d12	21.77	240	428470	20.00	ng	0.00
86) Perylene-d12	25.06	264	409754	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	352282	164.84	ng	0.00
7) Phenol-d6	7.29	99	476107	165.36	ng	0.00
23) Nitrobenzene-d5	9.29	82	286751	103.83	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	255755	129.62	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	823479	97.01	ng	0.00
78) Terphenyl-d14	20.08	244	1828666	94.24	ng	0.00
Target Compounds						
10) Phenol	7.32	94	16394	5.483	ng	88
49) Dimethylphthalate	14.20	163	95210	9.028	ng	98

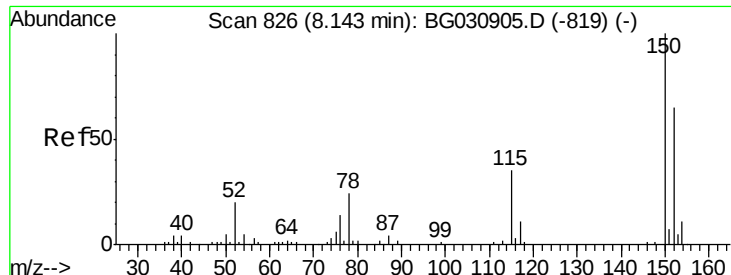
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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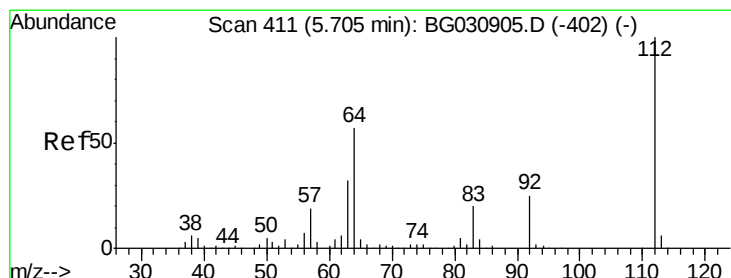
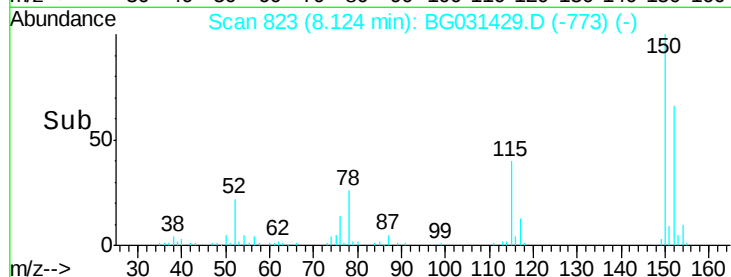
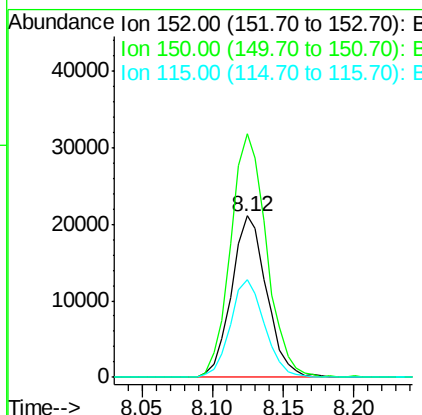
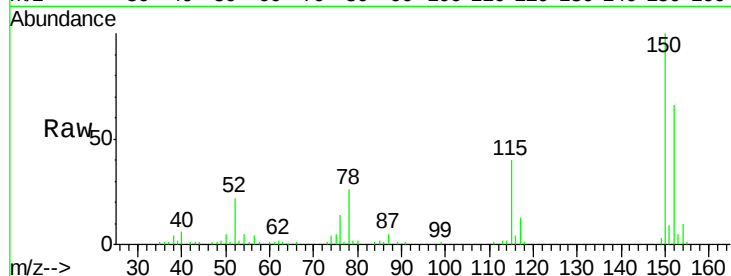


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG031429.D
Acq: 8 Dec 2017 18:35

Instrument :
BNA_G
ClientSampleId :
ENV-109-4(10-15)

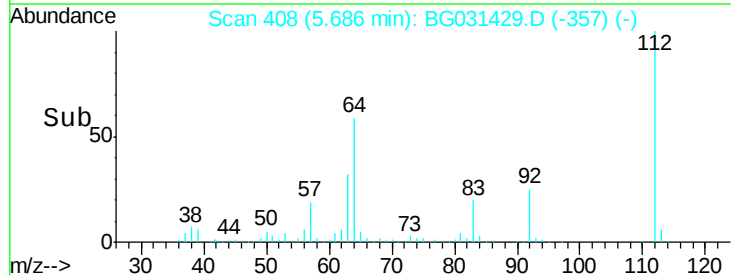
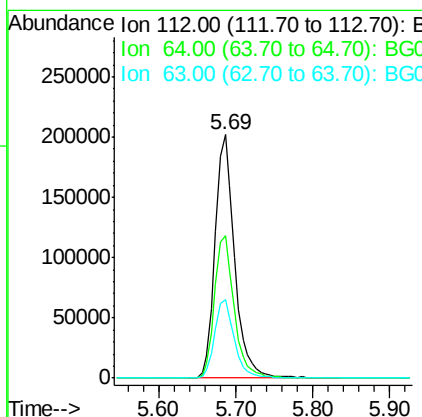
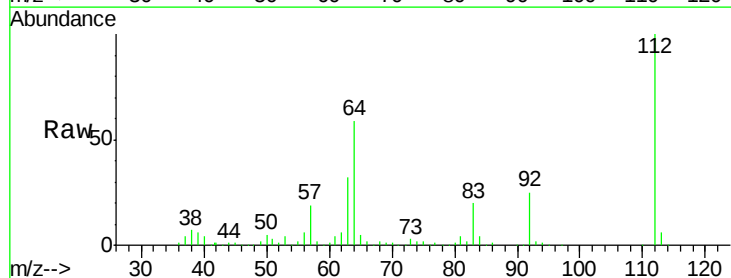
Tgt Ion:152 Resp: 36647
Ion Ratio Lower Upper
152 100
150 151.1 126.6 189.8
115 60.6 53.0 79.4

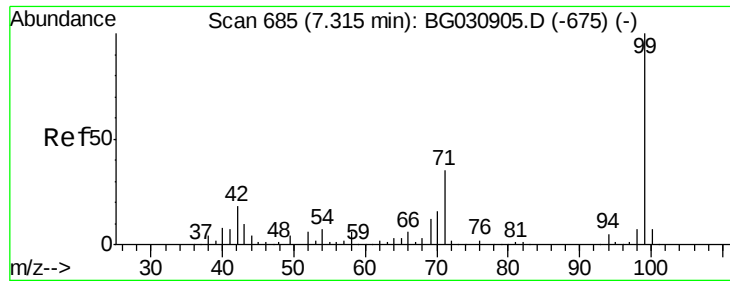


#5

2-Fluorophenol
Concen: 164.837 ng
RT: 5.69 min Scan# 408
Delta R.T. 0.00 min
Lab File: BG031429.D
Acq: 8 Dec 2017 18:35

Tgt Ion:112 Resp: 352282
Ion Ratio Lower Upper
112 100
64 58.8 56.3 84.5
63 32.3 30.1 45.1





#7

Phenol-d6

Concen: 165.360 ng

RT: 7.29 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG031429.D

Acq: 8 Dec 2017 18:35

Instrument :

BNA_G

ClientSampleId :

ENV-109-4(10-15)

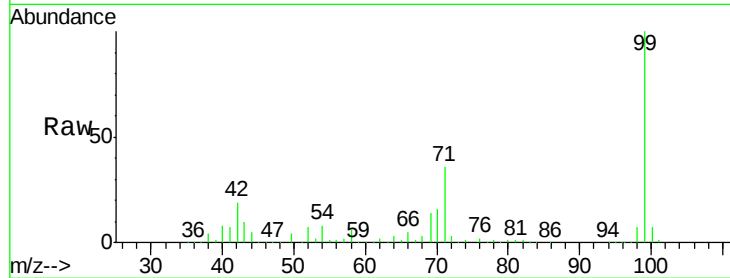
Tgt Ion: 99 Resp: 476107

Ion Ratio Lower Upper

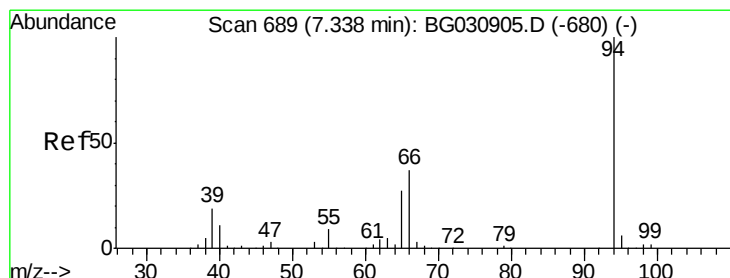
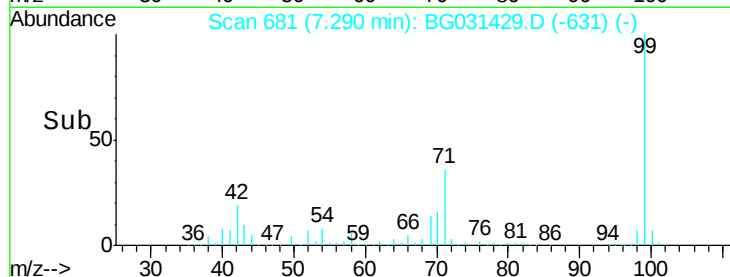
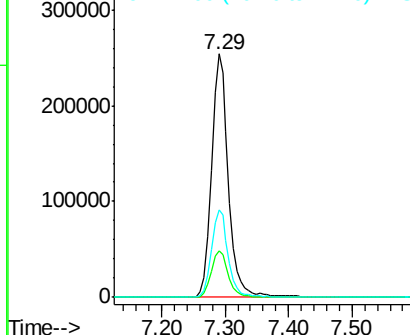
99 100

42 19.3 14.1 21.1

71 35.8 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: 5.483 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG031429.D

Acq: 8 Dec 2017 18:35

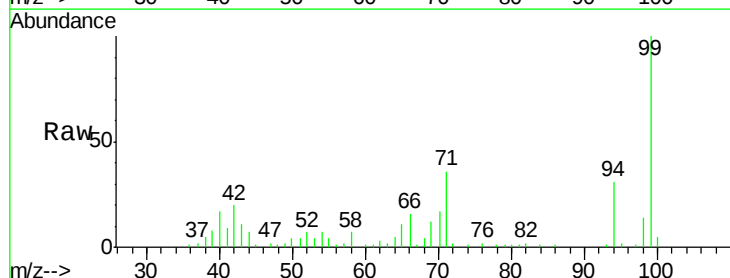
Tgt Ion: 94 Resp: 16394

Ion Ratio Lower Upper

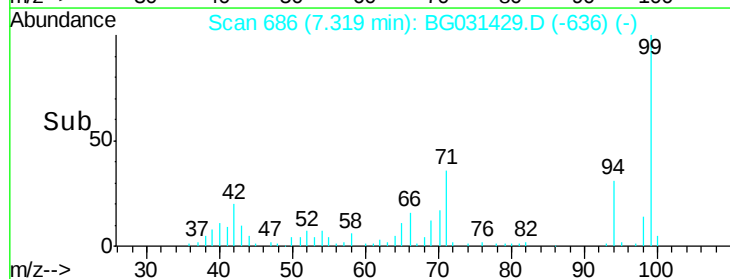
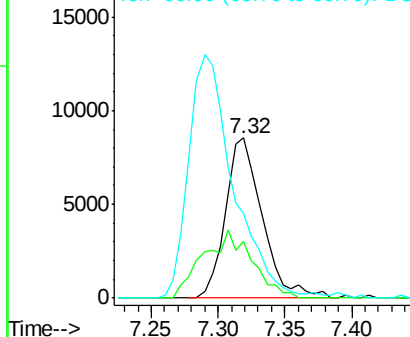
94 100

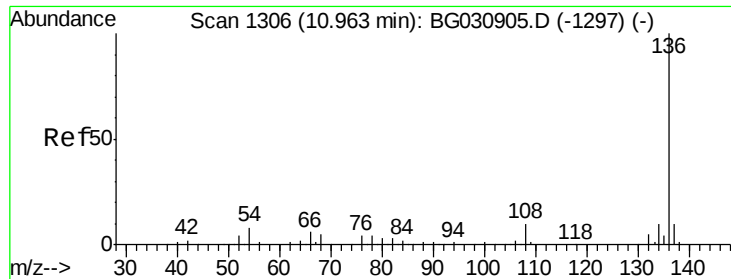
65 35.4 11.9 51.9

66 52.9 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

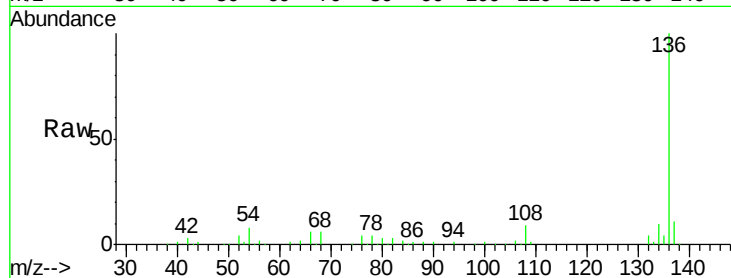




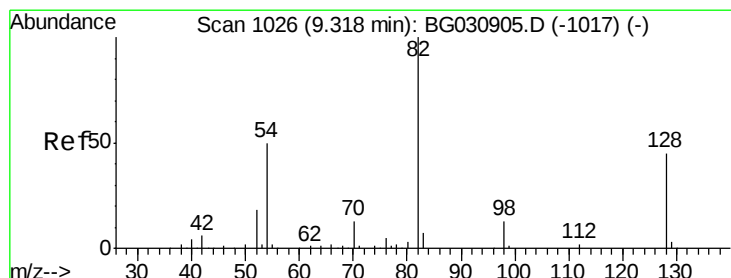
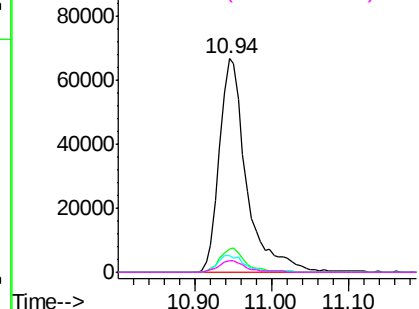
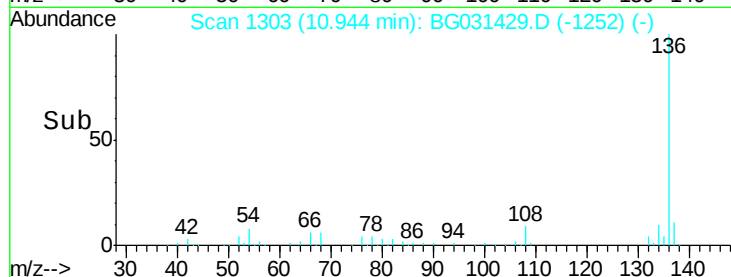
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BG031429.D
Acq: 8 Dec 2017 18:35

Instrument :
BNA_G
ClientSampleId :
ENV-109-4(10-15)

Tgt Ion:136 Resp: 163654
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 7.7 10.3 15.5#
68 5.6 4.5 6.7

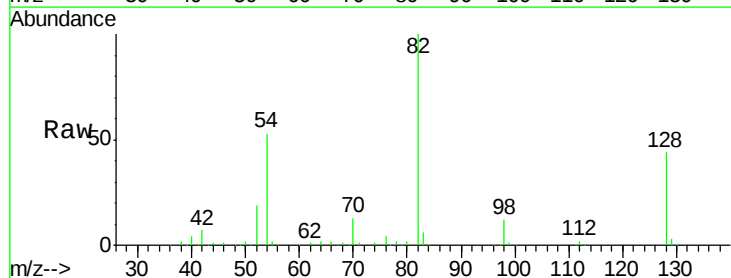


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

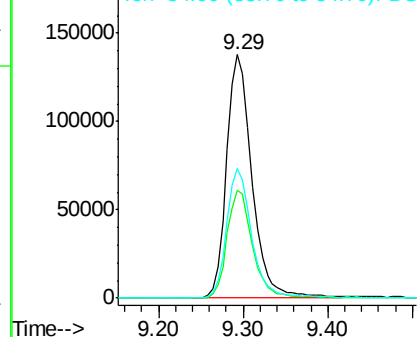
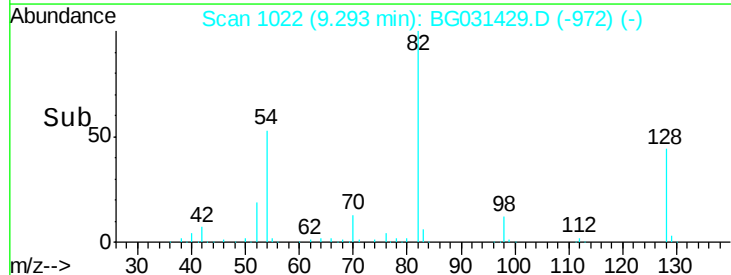


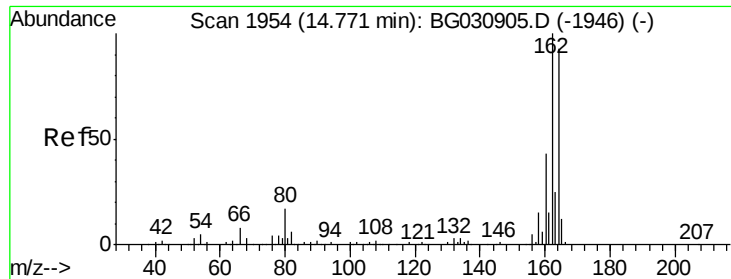
#23
Nitrobenzene-d5
Concen: 103.828 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG031429.D
Acq: 8 Dec 2017 18:35

Tgt Ion: 82 Resp: 286751
Ion Ratio Lower Upper
82 100
128 44.2 29.7 44.5
54 53.2 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): B
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B

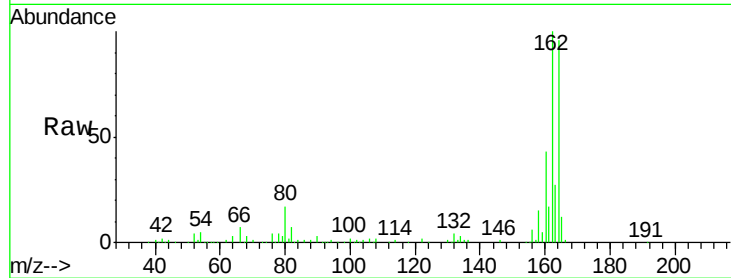




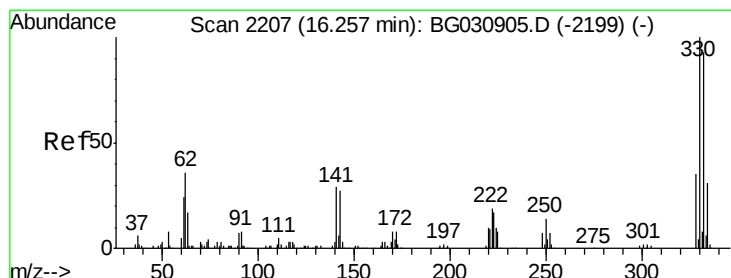
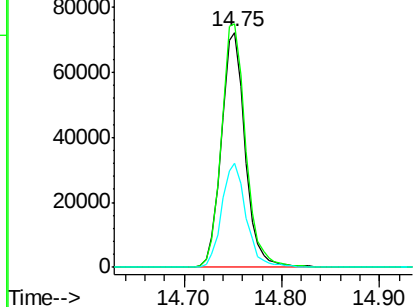
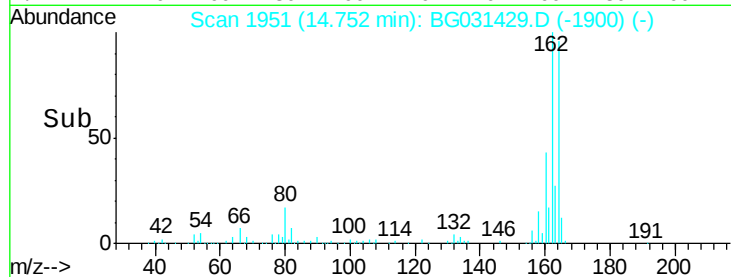
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: BG031429.D
 Acq: 8 Dec 2017 18:35

Instrument :
 BNA_G
 ClientSampleId :
 ENV-109-4(10-15)

Tgt Ion:164 Resp: 121975
 Ion Ratio Lower Upper
 164 100
 162 103.7 78.8 118.2
 160 44.2 35.4 53.0

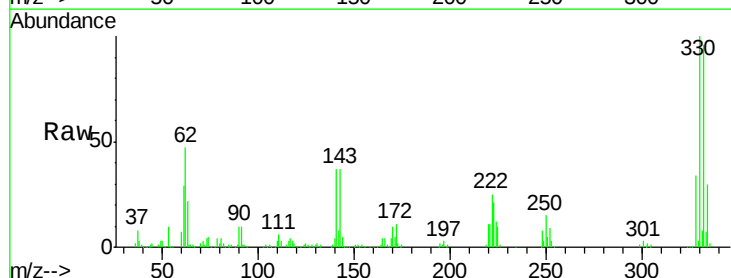


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

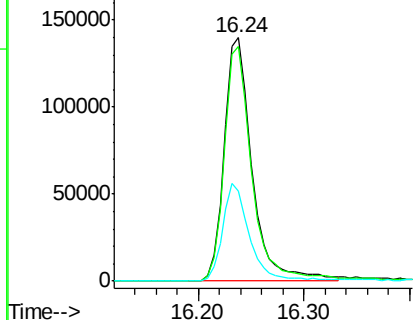
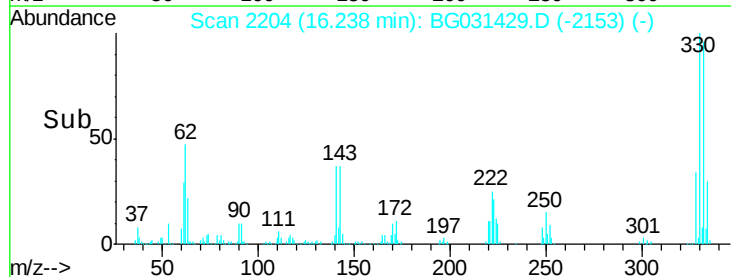


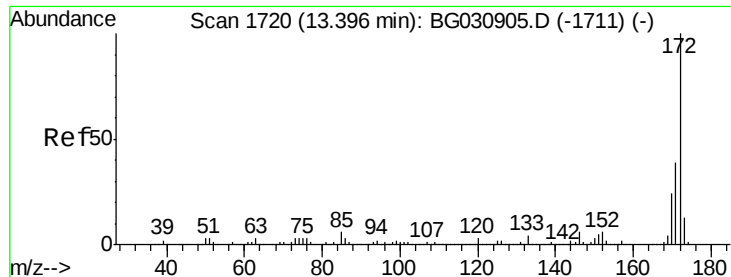
#41
 2,4,6-Tribromophenol
 Concen: 129.617 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BG031429.D
 Acq: 8 Dec 2017 18:35

Tgt Ion:330 Resp: 255755
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.0 115.6
 141 39.5 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

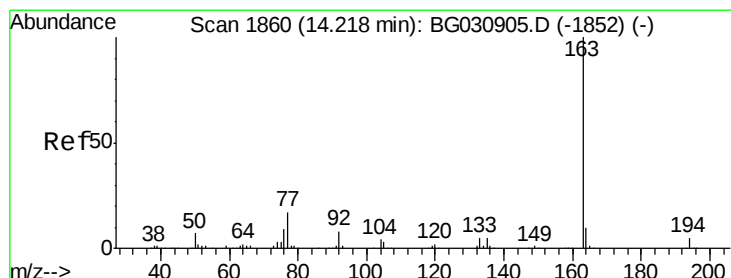
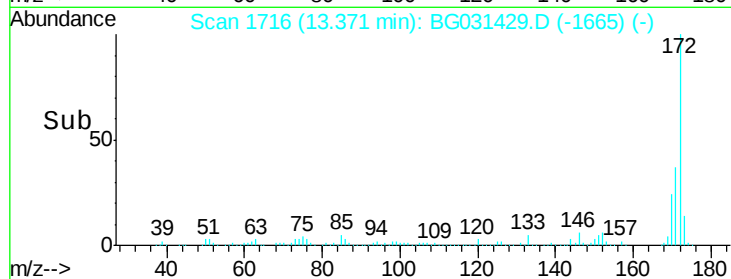
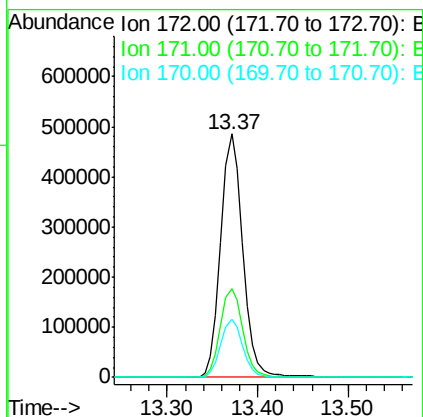
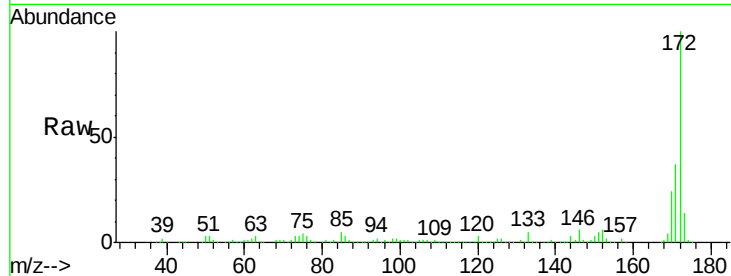




#44
 2-Fluorobiphenyl
 Concen: 97.007 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG031429.D
 Acq: 8 Dec 2017 18:35

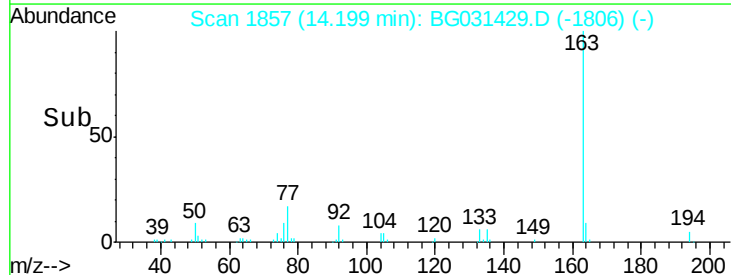
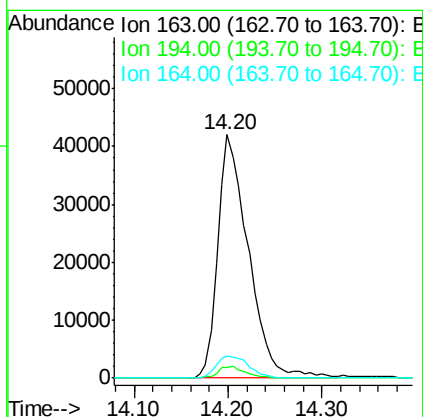
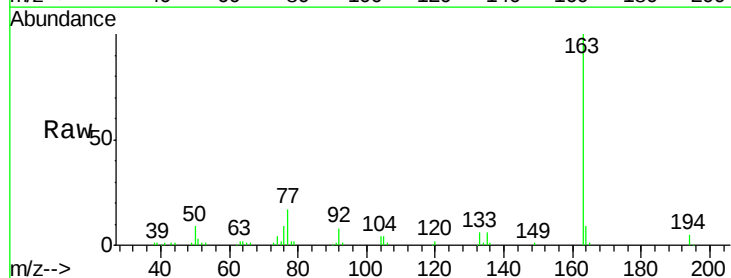
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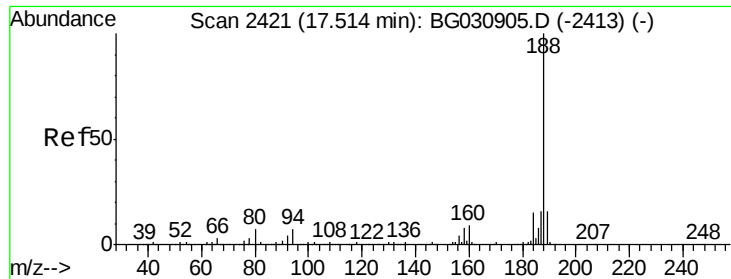
Tgt Ion:172 Resp: 823479
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.0 45.0
 170 23.9 19.5 29.3



#49
 Dimethylphthalate
 Concen: 9.028 ng
 RT: 14.20 min Scan# 1857
 Delta R.T. 0.00 min
 Lab File: BG031429.D
 Acq: 8 Dec 2017 18:35

Tgt Ion:163 Resp: 95210
 Ion Ratio Lower Upper
 163 100
 194 4.6 3.4 5.2
 164 9.4 8.2 12.4

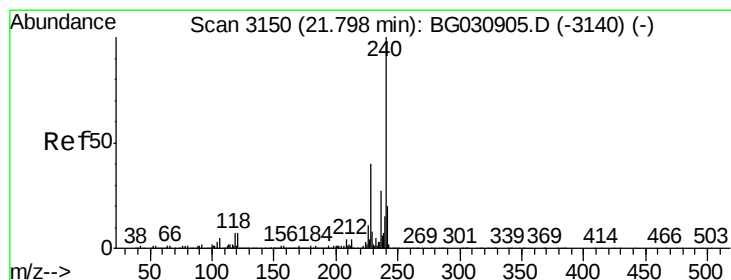
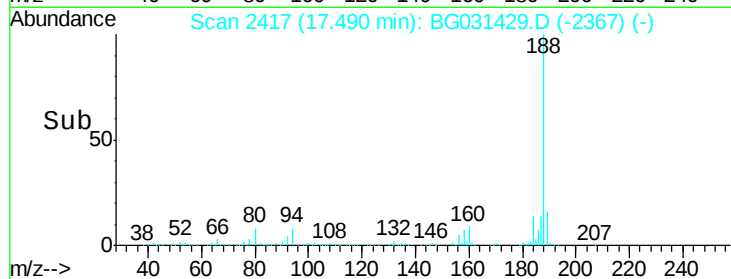
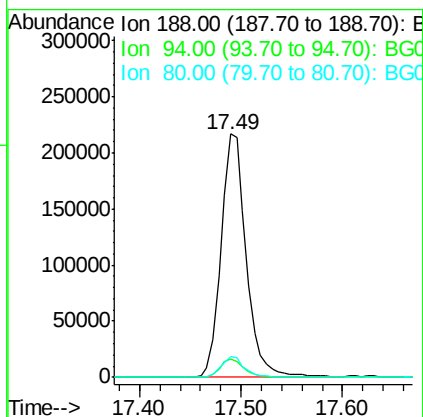
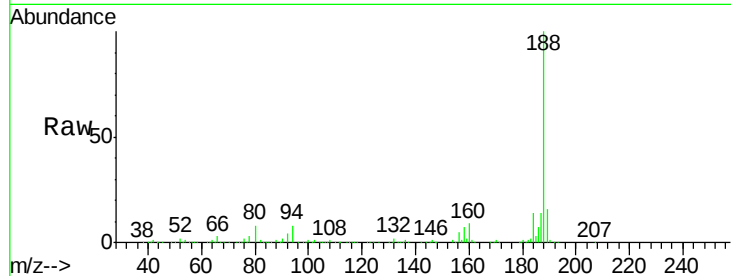




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BG031429.D
Acq: 8 Dec 2017 18:35

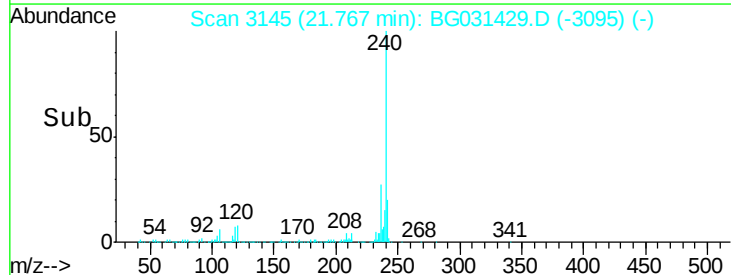
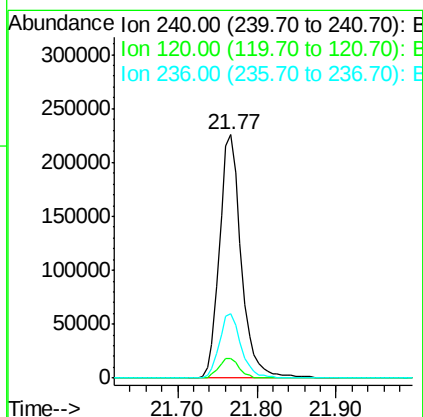
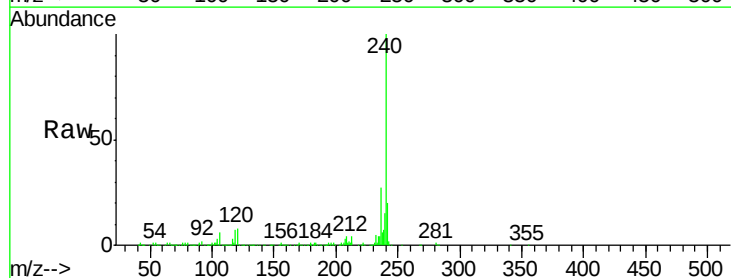
Instrument :
BNA_G
ClientSampleId :
ENV-109-4(10-15)

Tgt Ion:188 Resp: 373808
Ion Ratio Lower Upper
188 100
94 7.8 6.9 10.3
80 8.4 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.00 min
Lab File: BG031429.D
Acq: 8 Dec 2017 18:35

Tgt Ion:240 Resp: 428470
Ion Ratio Lower Upper
240 100
120 8.0 6.8 10.2
236 26.7 20.9 31.3





#78

Terphenyl-d14

Concen: 94.239 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG031429.D

Acq: 8 Dec 2017 18:35

Instrument :

BNA_G

ClientSampleId :

ENV-109-4(10-15)

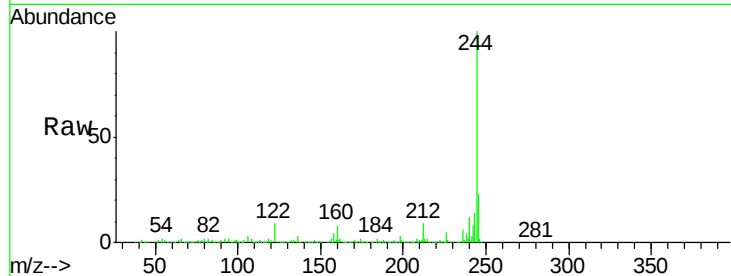
Tgt Ion:244 Resp: 1828666

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

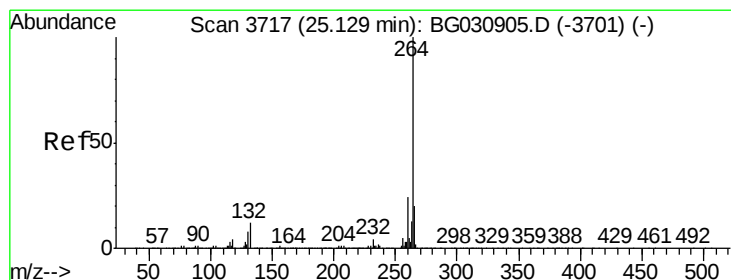
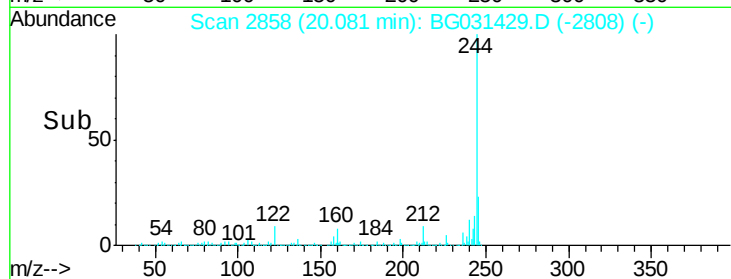
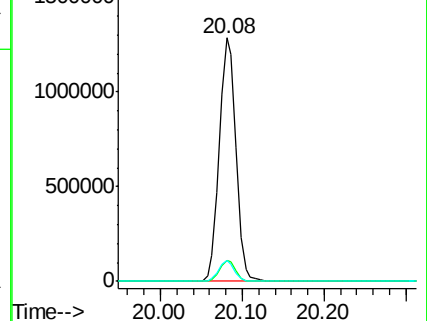
122 8.8 7.0 10.4



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: 20.000 ng

RT: 25.06 min Scan# 3706

Delta R.T. -0.00 min

Lab File: BG031429.D

Acq: 8 Dec 2017 18:35

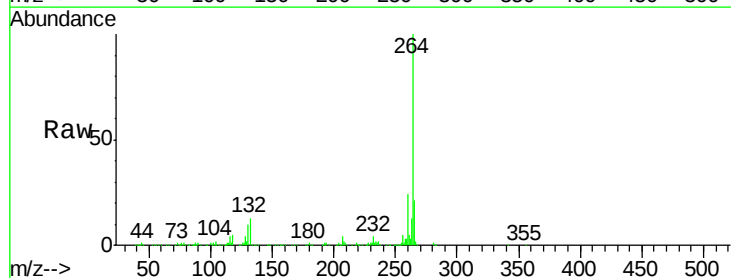
Tgt Ion:264 Resp: 409754

Ion Ratio Lower Upper

264 100

260 24.1 17.4 26.0

265 20.9 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

