

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102717\
 Data File : BG030500.D
 Acq On : 27 Oct 2017 16:45
 Operator : SJ/JU
 Sample : I6112-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1-MARION26KV-(2-3)

Quant Time: Oct 27 17:45:29 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

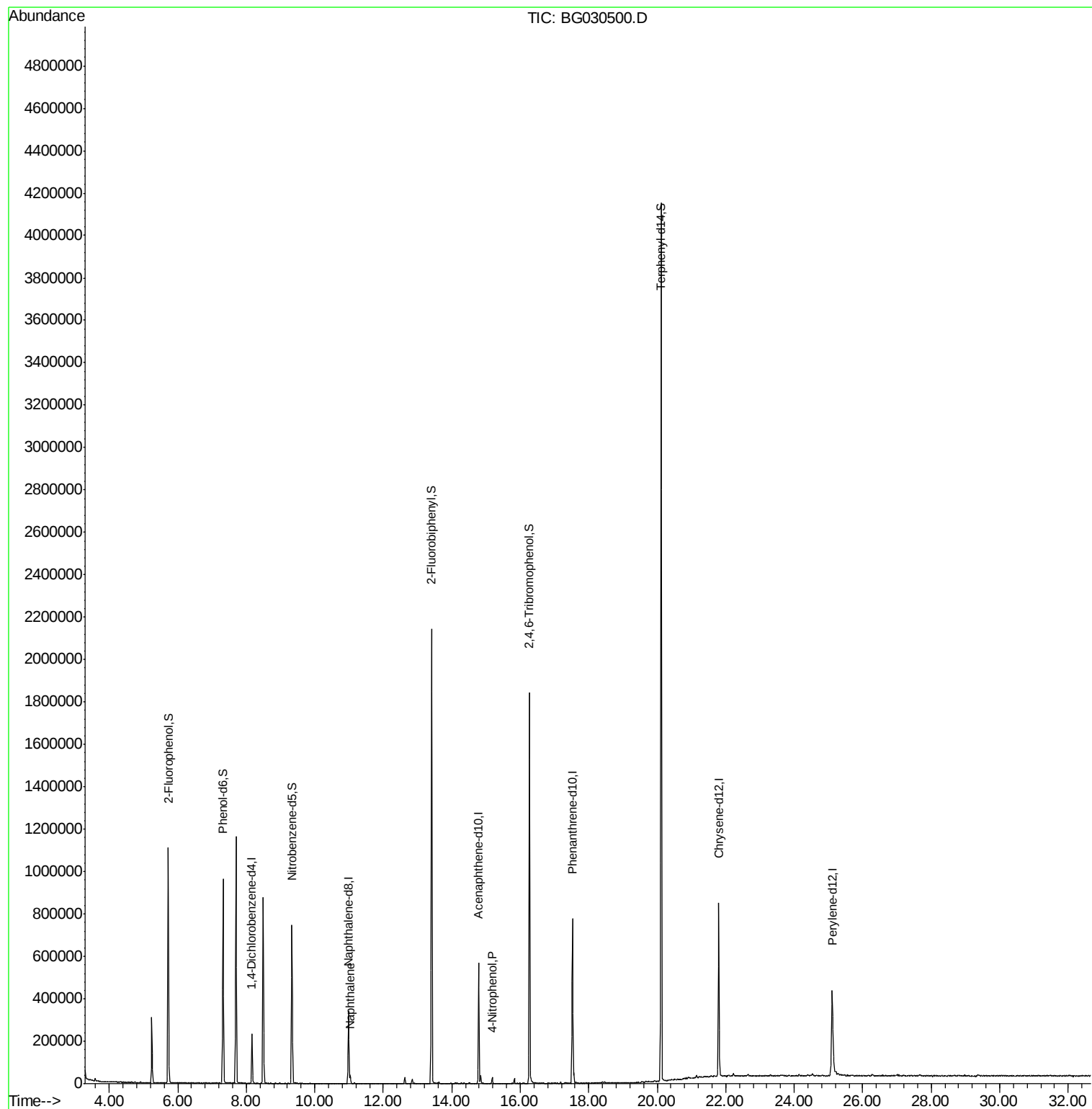
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	67282	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	310459	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	201939	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	487301	20.00	ng	0.00
75) Chrysene-d12	21.80	240	527316	20.00	ng	0.00
86) Perylene-d12	25.11	264	513773	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	484939	120.41	ng	0.00
7) Phenol-d6	7.32	99	586121	103.68	ng	0.00
23) Nitrobenzene-d5	9.33	82	446360	91.36	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	366880	140.72	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1144582	83.13	ng	0.00
78) Terphenyl-d14	20.12	244	1897821	81.88	ng	0.00
Target Compounds						
31) Naphthalene	11.04	128	35827	2.316	ng	Qvalue # 95
55) 4-Nitrophenol	15.18	139	6910	2.352	ng	# 1

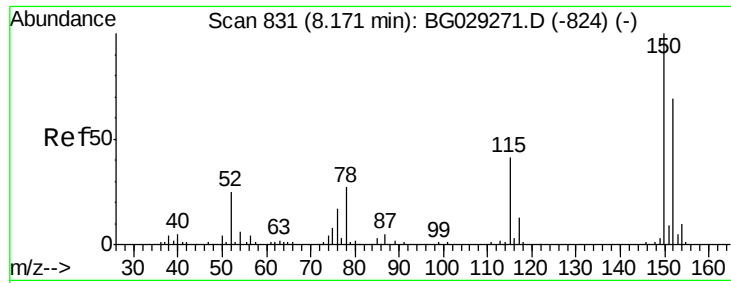
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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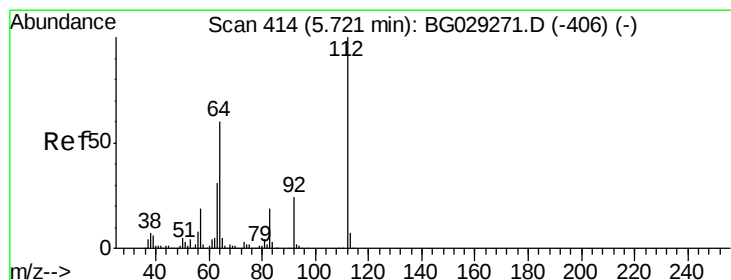
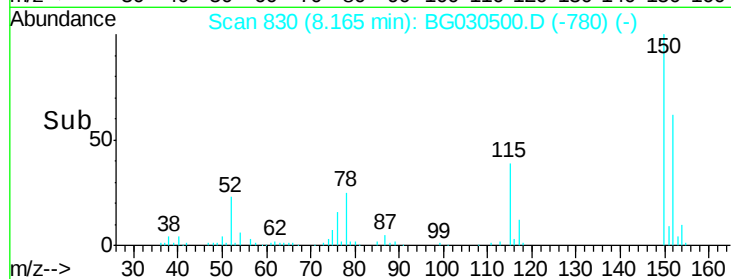
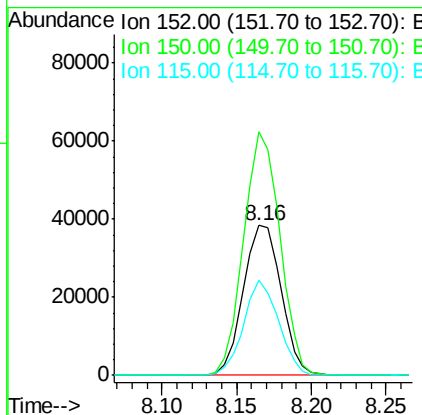
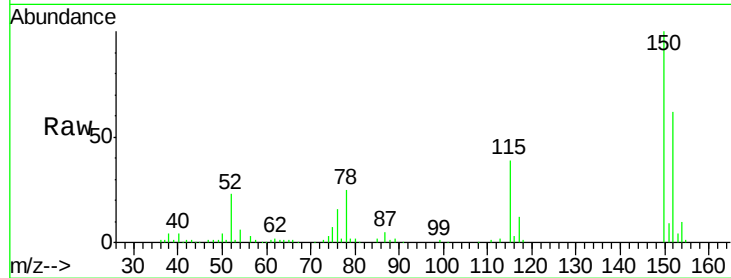


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG030500.D
Acq: 27 Oct 2017 16:45

Instrument :
BNA_G
ClientSampleId :
1-MARION26KV-(2-3)

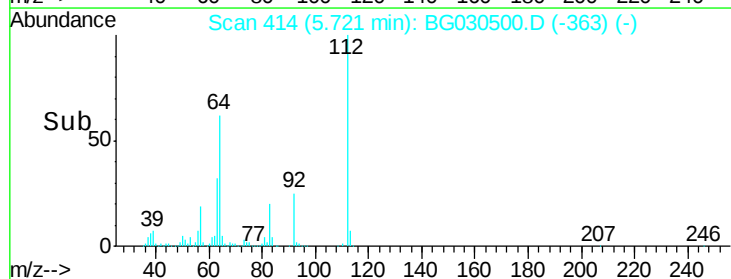
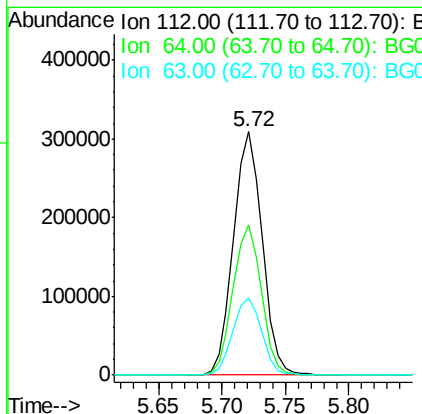
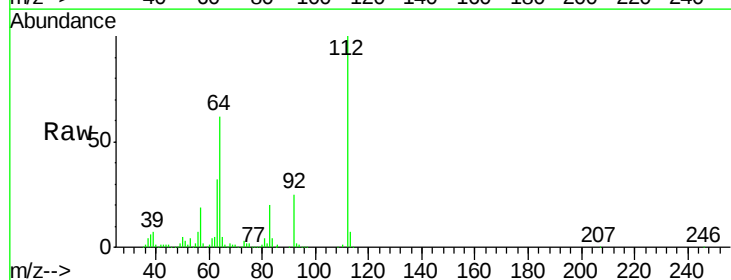
Tgt Ion:152 Resp: 67282
Ion Ratio Lower Upper
152 100
150 162.5 126.6 189.8
115 63.4 53.0 79.4

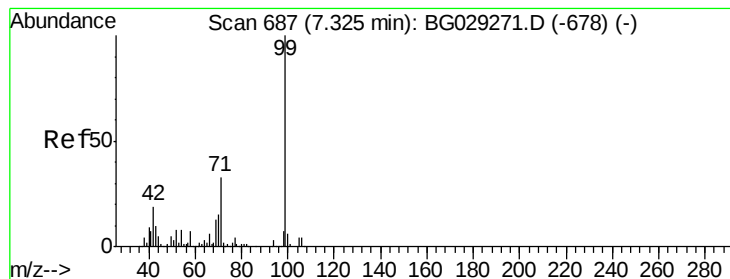


#5

2-Fluorophenol
Concen: 120.406 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG030500.D
Acq: 27 Oct 2017 16:45

Tgt Ion:112 Resp: 484939
Ion Ratio Lower Upper
112 100
64 61.8 56.3 84.5
63 31.5 30.1 45.1





#7

Phenol-d6

Concen: 103.678 ng

RT: 7.32 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG030500.D

Acq: 27 Oct 2017 16:45

Instrument :

BNA_G

ClientSampleId :

1-MARION26KV-(2-3)

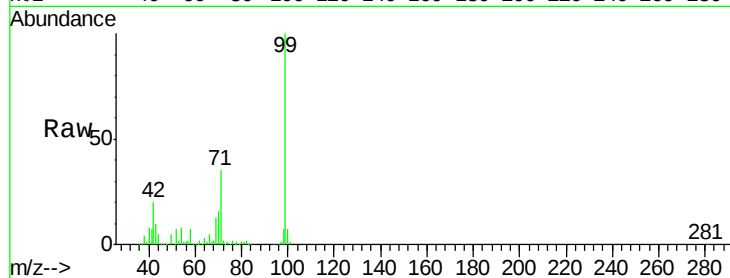
Tgt Ion: 99 Resp: 586121

Ion Ratio Lower Upper

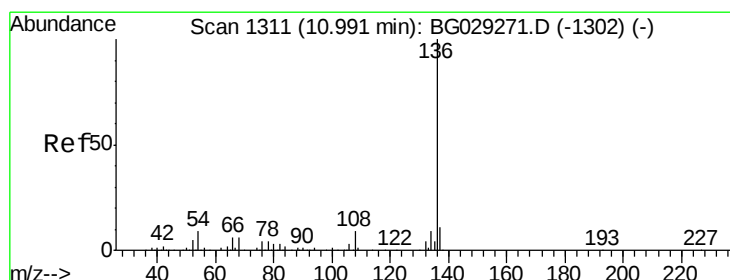
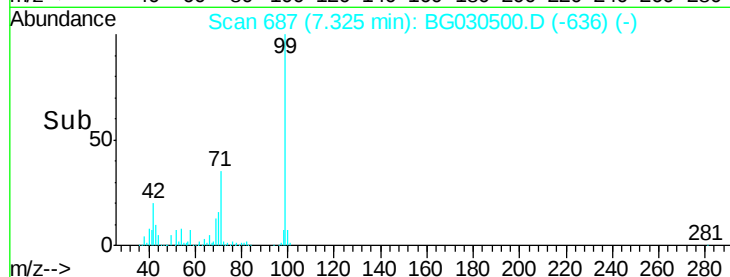
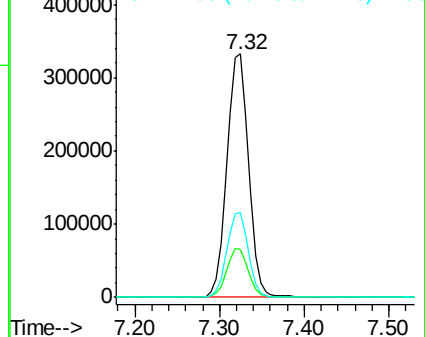
99 100

42 19.6 14.1 21.1

71 35.0 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BG030500.D

Acq: 27 Oct 2017 16:45

Tgt Ion: 136 Resp: 310459

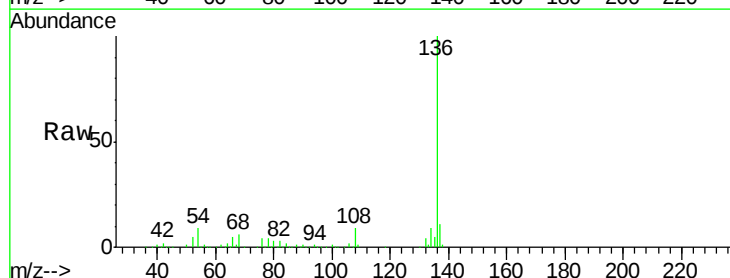
Ion Ratio Lower Upper

136 100

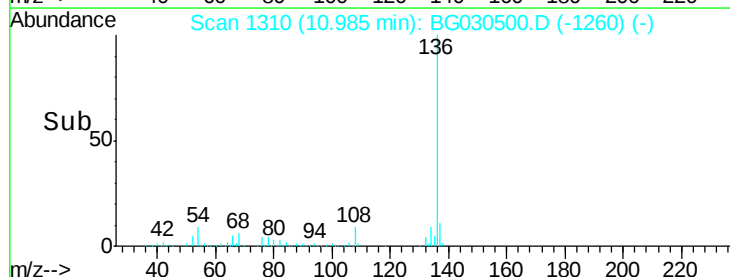
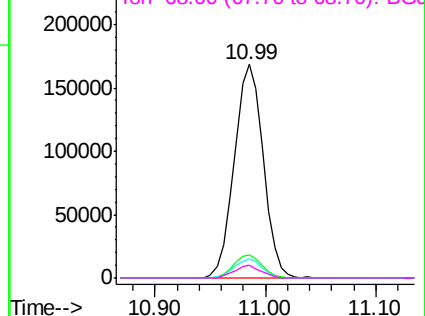
137 10.6 9.2 13.8

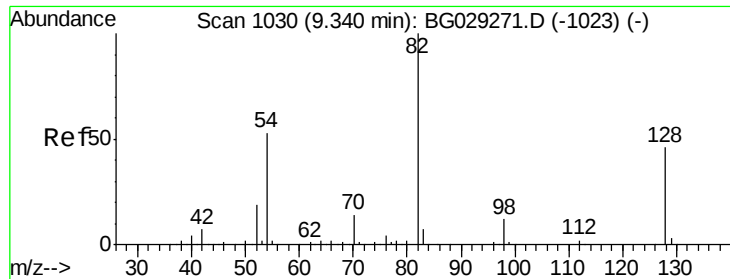
54 9.0 10.3 15.5#

68 6.0 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

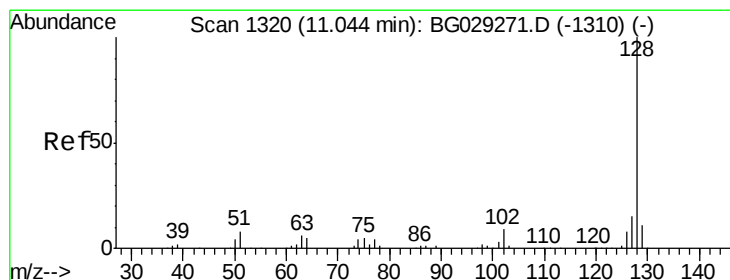
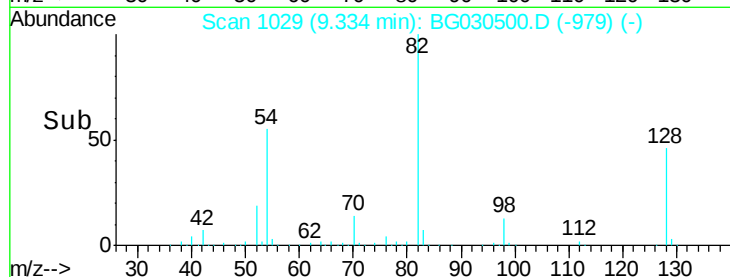
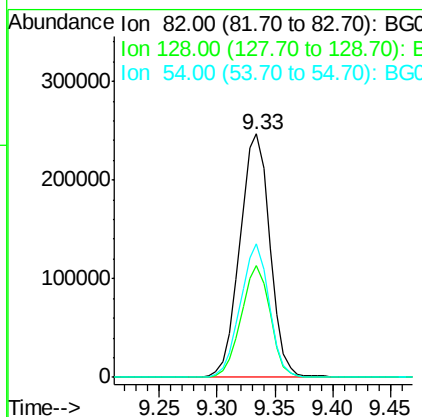
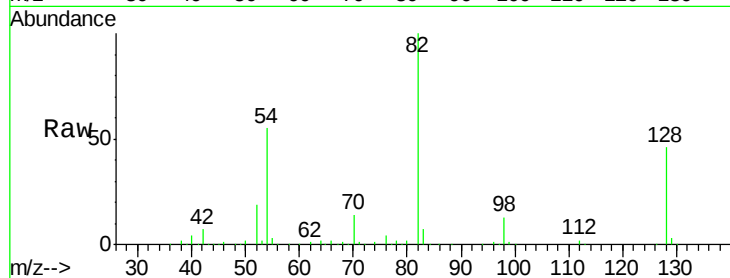




#23
 Nitrobenzene-d5
 Concen: 91.365 ng
 RT: 9.33 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG030500.D
 Acq: 27 Oct 2017 16:45

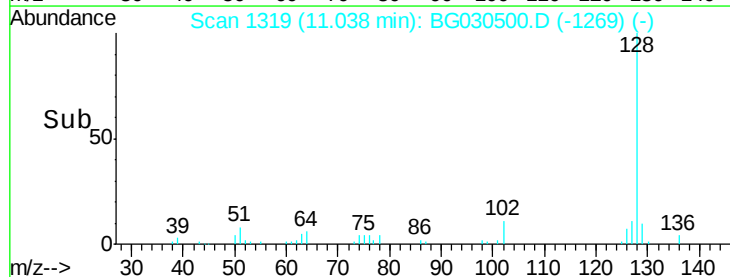
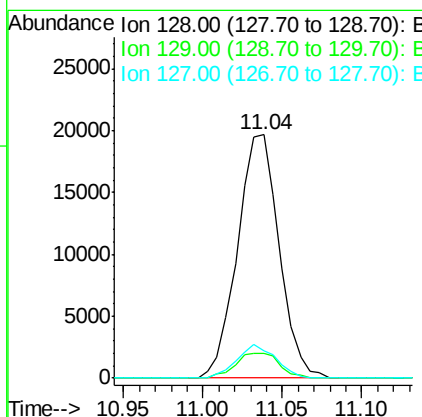
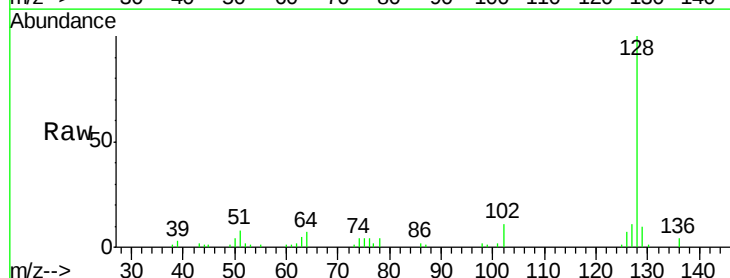
Instrument :
 BNA_G
 ClientSampleId :
 1-MARION26KV-(2-3)

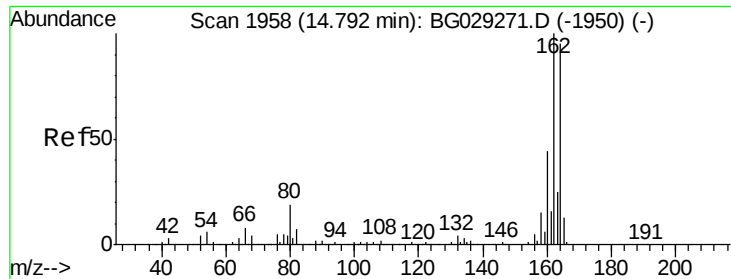
Tgt Ion: 82 Resp: 446360
 Ion Ratio Lower Upper
 82 100
 128 45.8 29.7 44.5#
 54 54.7 43.1 64.7



#31
 Naphthalene
 Concen: 2.316 ng
 RT: 11.04 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BG030500.D
 Acq: 27 Oct 2017 16:45

Tgt Ion: 128 Resp: 35827
 Ion Ratio Lower Upper
 128 100
 129 10.3 8.6 12.8
 127 11.4 11.6 17.4#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG030500.D

Acq: 27 Oct 2017 16:45

Instrument :

BNA_G

ClientSampleId :

1-MARION26KV-(2-3)

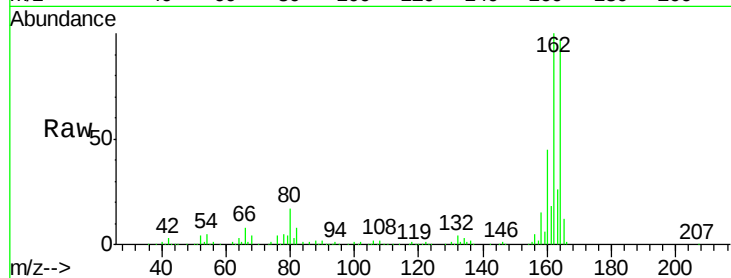
Tgt Ion:164 Resp: 201939

Ion Ratio Lower Upper

164 100

162 102.8 78.8 118.2

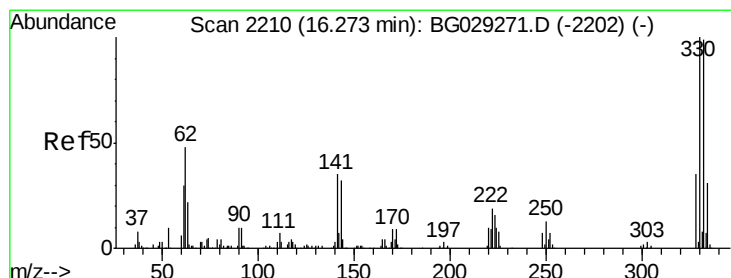
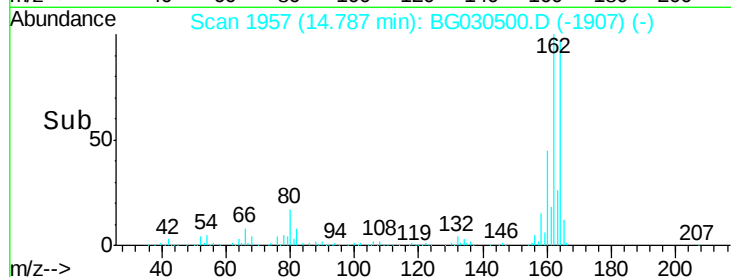
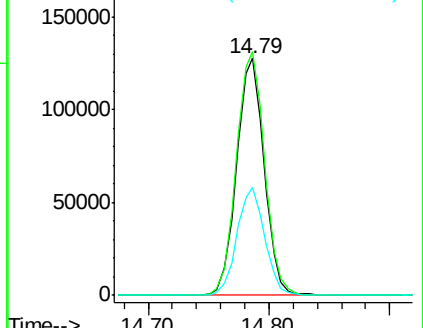
160 45.8 35.4 53.0



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: 140.716 ng

RT: 16.27 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BG030500.D

Acq: 27 Oct 2017 16:45

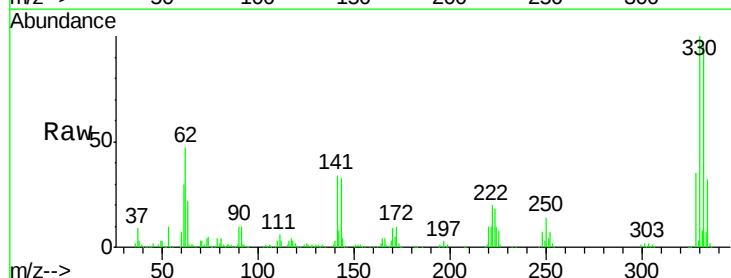
Tgt Ion:330 Resp: 366880

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

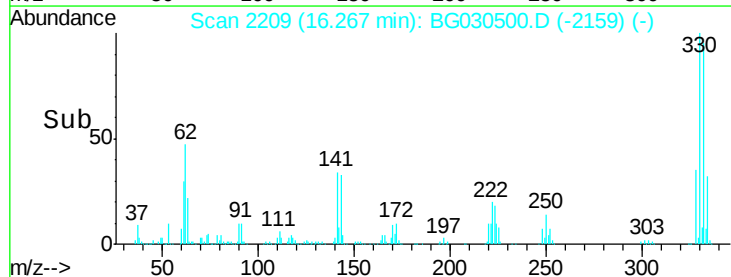
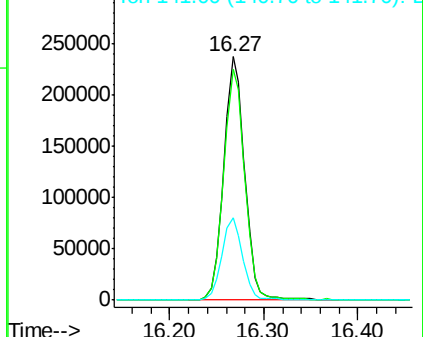
141 33.8 25.2 37.8

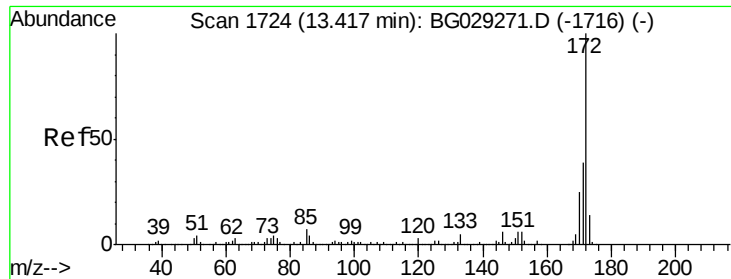


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

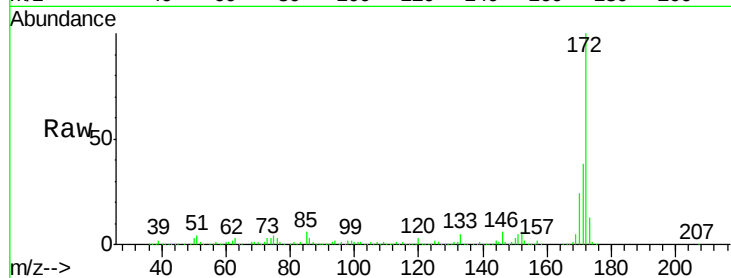




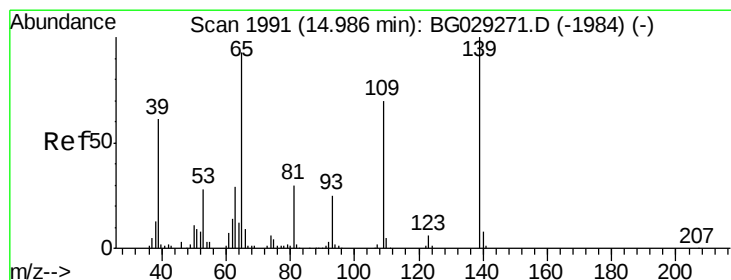
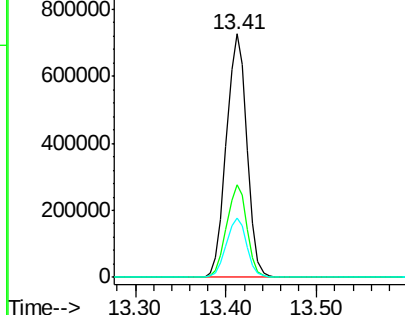
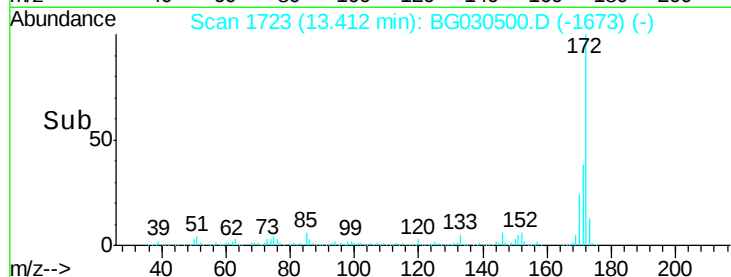
#44
 2-Fluorobiphenyl
 Concen: 83.129 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG030500.D
 Acq: 27 Oct 2017 16:45

Instrument :
 BNA_G
 ClientSampleId :
 1-MARION26KV-(2-3)

Tgt Ion:172 Resp: 1144582
 Ion Ratio Lower Upper
 172 100
 171 37.9 30.0 45.0
 170 24.5 19.5 29.3

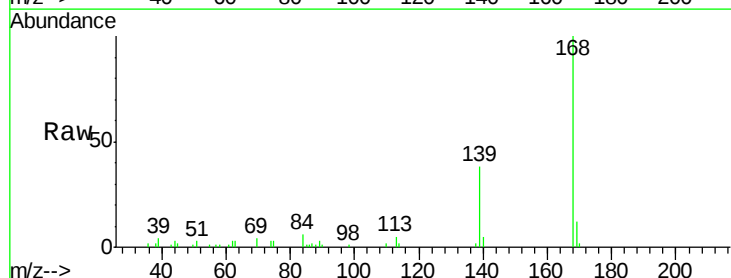


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

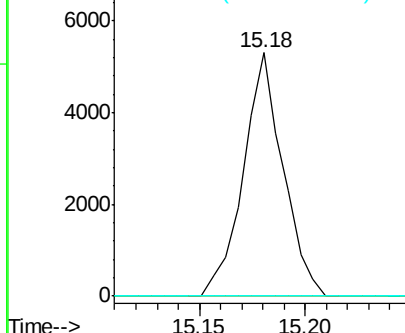
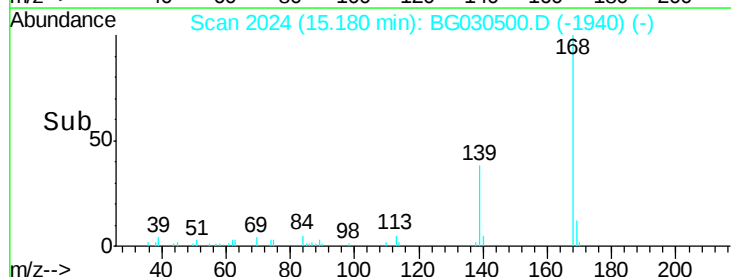


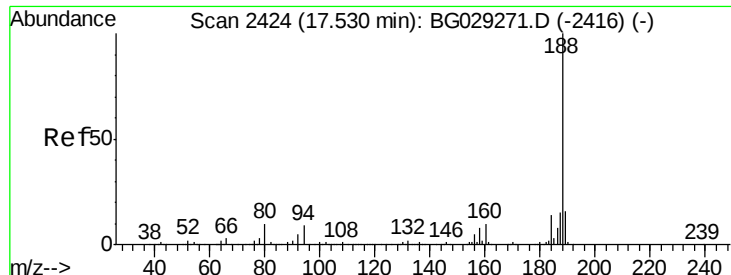
#55
 4-Nitrophenol
 Concen: 2.352 ng
 RT: 15.18 min Scan# 2024
 Delta R.T. 0.19 min
 Lab File: BG030500.D
 Acq: 27 Oct 2017 16:45

Tgt Ion:139 Resp: 6910
 Ion Ratio Lower Upper
 139 100
 109 0.0 62.2 102.2#
 65 0.0 97.2 137.2#



Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BG

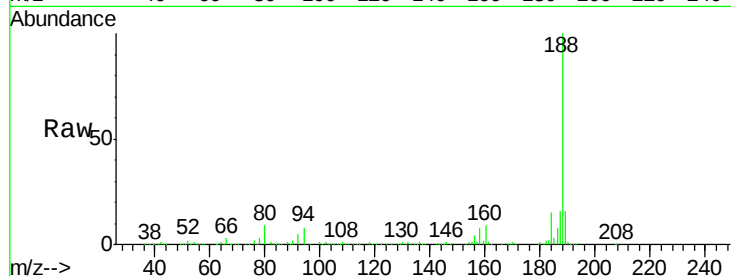




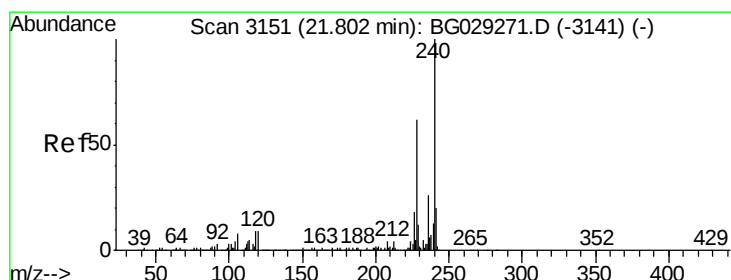
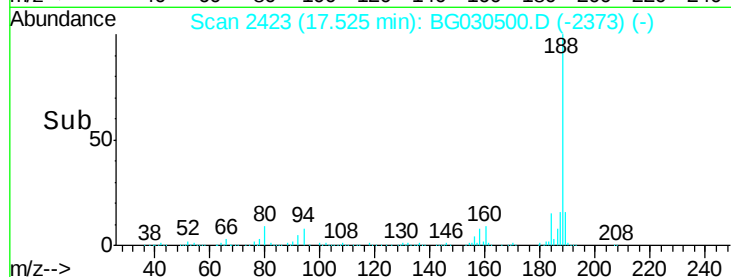
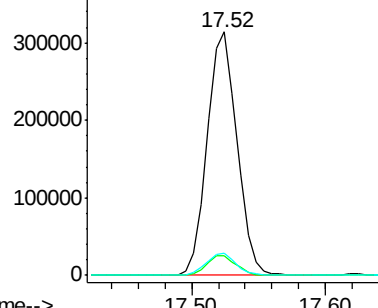
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG030500.D
Acq: 27 Oct 2017 16:45

Instrument :
BNA_G
ClientSampleId :
1-MARION26KV-(2-3)

Tgt Ion:188 Resp: 487301
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 9.1 7.7 11.5

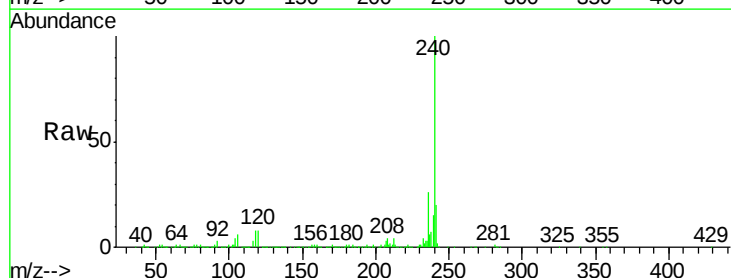


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

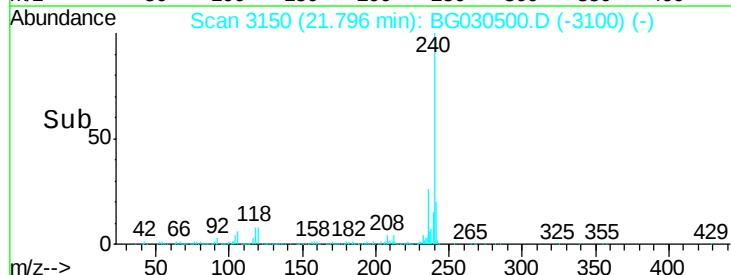
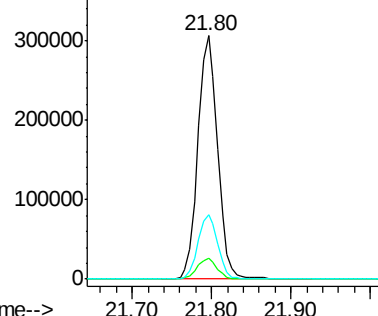


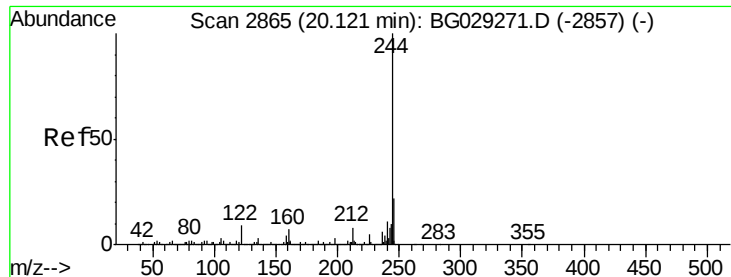
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG030500.D
Acq: 27 Oct 2017 16:45

Tgt Ion:240 Resp: 527316
Ion Ratio Lower Upper
240 100
120 8.4 6.8 10.2
236 26.2 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: 81.875 ng

RT: 20.12 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG030500.D

Acq: 27 Oct 2017 16:45

Instrument :

BNA_G

ClientSampleId :

1-MARION26KV-(2-3)

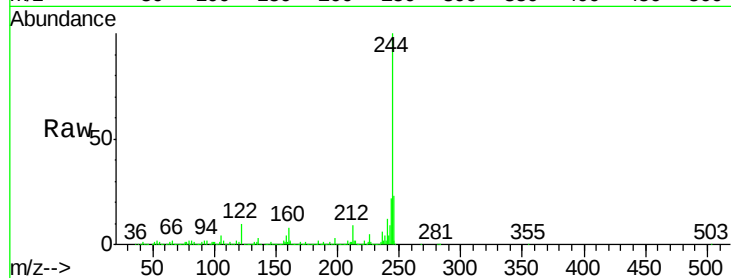
Tgt Ion:244 Resp: 1897821

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

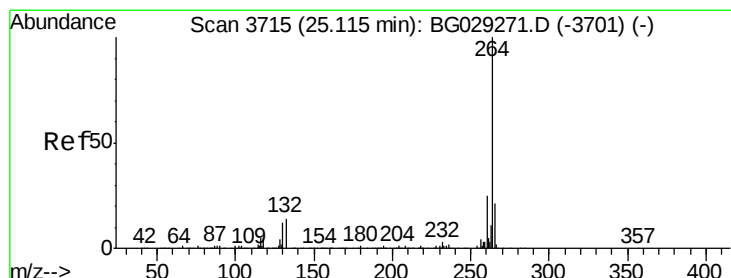
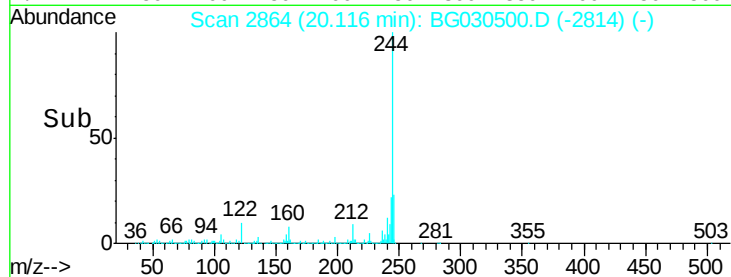
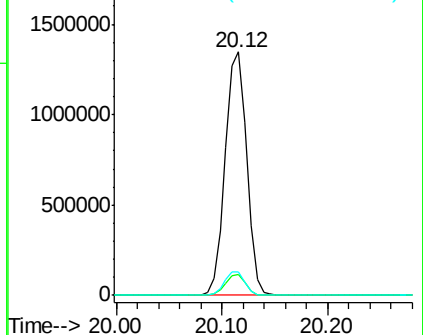
122 9.7 7.0 10.4



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: 25.11 min Scan# 3714

Delta R.T. -0.01 min

Lab File: BG030500.D

Acq: 27 Oct 2017 16:45

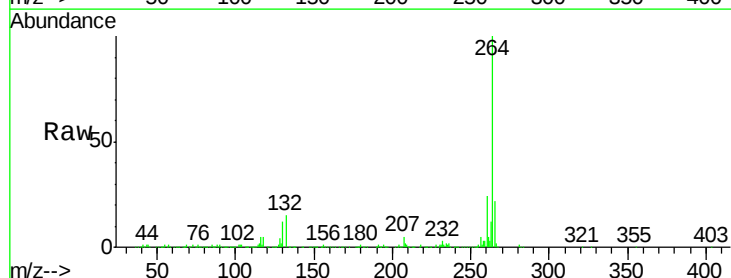
Tgt Ion:264 Resp: 513773

Ion Ratio Lower Upper

264 100

260 24.3 17.4 26.0

265 21.5 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

