

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102717\
 Data File : BG030501.D
 Acq On : 27 Oct 2017 17:24
 Operator : SJ/JU
 Sample : I6112-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Oct 27 18:18:29 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

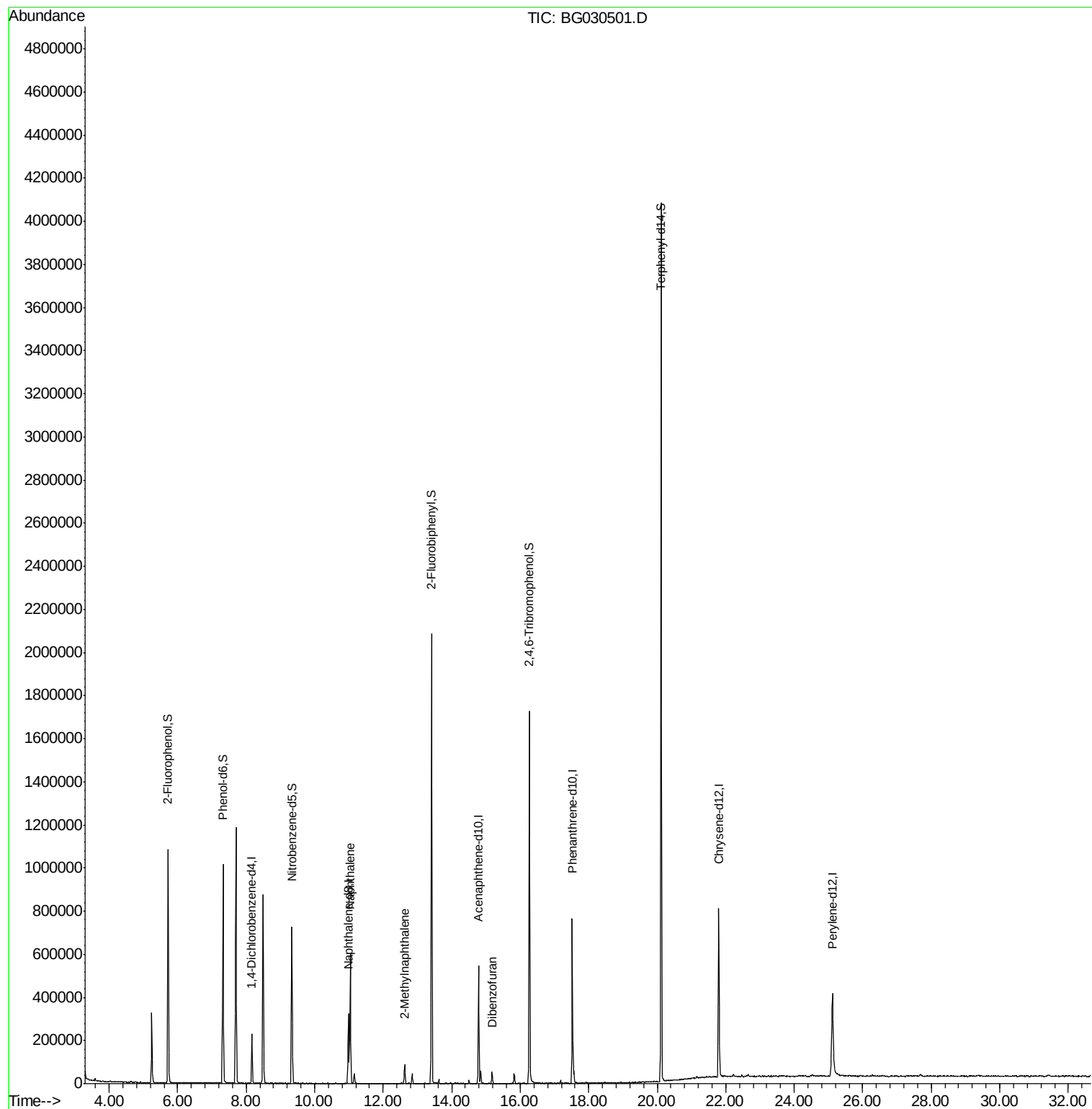
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	63864	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	297137	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	195173	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	467626	20.00	ng	0.00
75) Chrysene-d12	21.79	240	502097	20.00	ng	0.00
86) Perylene-d12	25.11	264	490368	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	493913	129.20	ng	0.00
7) Phenol-d6	7.32	99	601078	112.01	ng	0.00
23) Nitrobenzene-d5	9.33	82	444334	95.03	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	358631	142.32	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1152115	86.58	ng	0.00
78) Terphenyl-d14	20.11	244	1859696	84.26	ng	0.00
Target Compounds						
31) Naphthalene	11.04	128	526050	35.523	ng	98
37) 2-Methylnaphthalene	12.63	142	45152	4.183	ng	94
54) Dibenzofuran	15.18	168	37298	2.097	ng	98

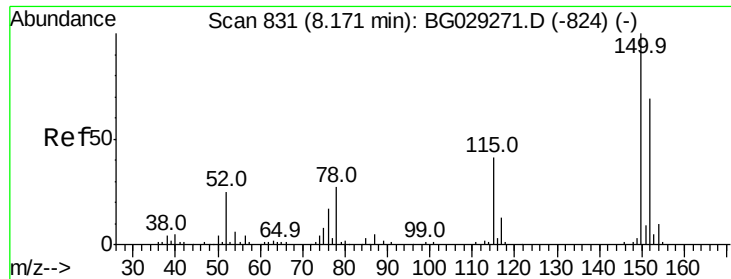
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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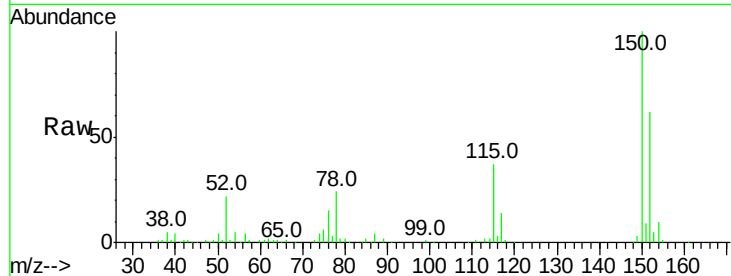


#1

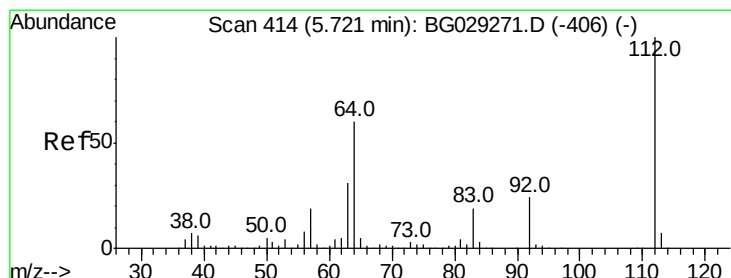
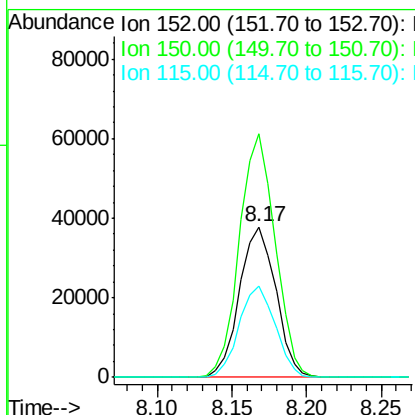
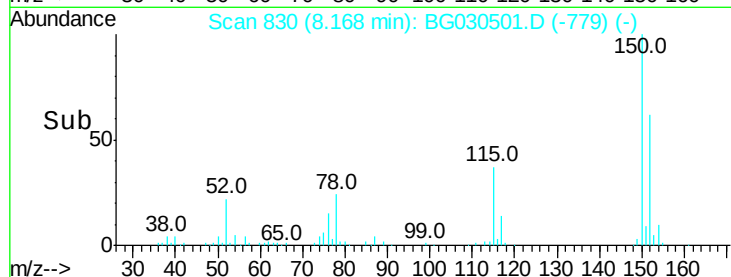
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG030501.D
Acq: 27 Oct 2017 17:24

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

Tot Ion:152 Resp: 63864
Ion Ratio Lower Upper
152 100
150 161.8 126.6 189.8
115 60.4 53.0 79.4



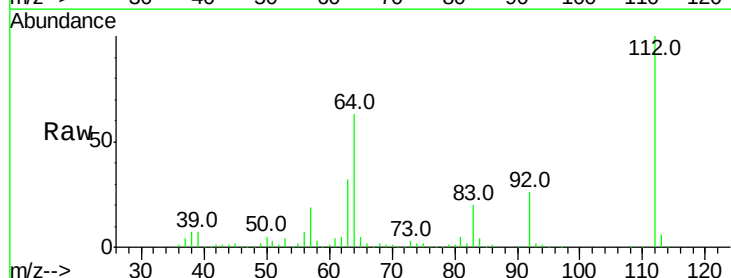
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



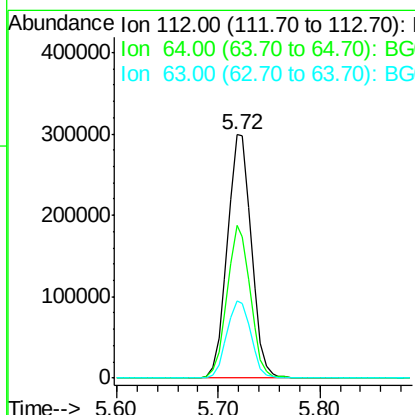
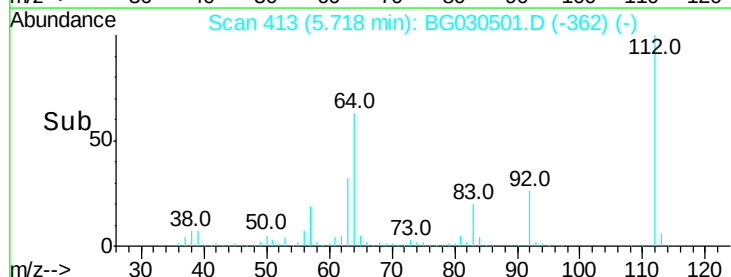
#5

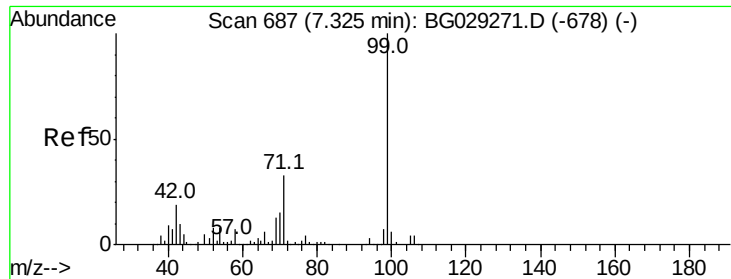
2-Fluorophenol
Concen: 129.198 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG030501.D
Acq: 27 Oct 2017 17:24

Tgt Ion:112 Resp: 493913
Ion Ratio Lower Upper
112 100
64 62.6 56.3 84.5
63 31.6 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 112.014 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG030501.D

Acq: 27 Oct 2017 17:24

Instrument :

BNA_G

ClientSampleId :

2-MARION26KV-(2-3)

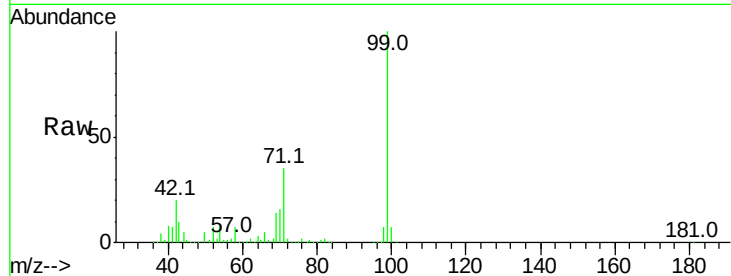
Tot Ion: 99 Resp: 601078

Ion Ratio Lower Upper

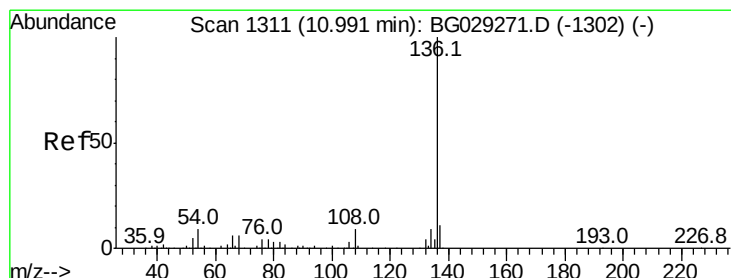
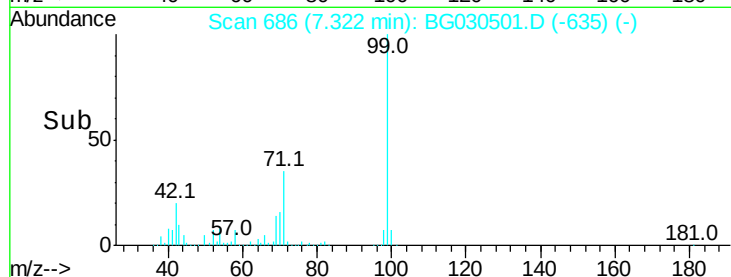
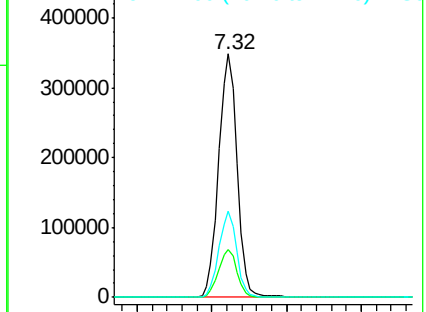
99 100

42 19.7 14.1 21.1

71 35.4 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: 10.98 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG030501.D

Acq: 27 Oct 2017 17:24

Tgt Ion: 136 Resp: 297137

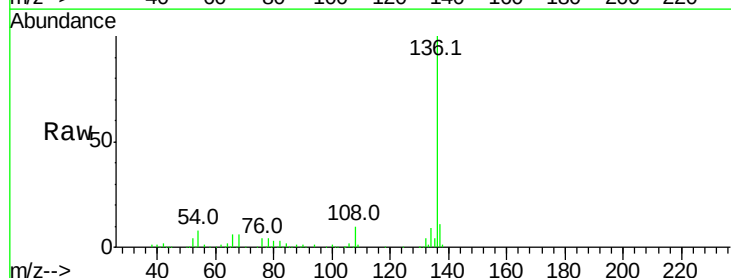
Ion Ratio Lower Upper

136 100

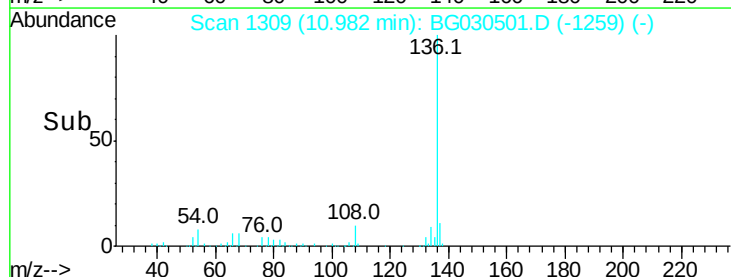
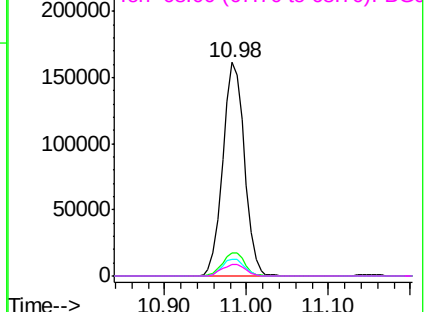
137 11.0 9.2 13.8

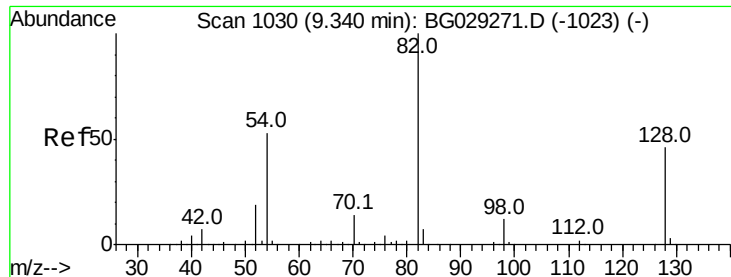
54 7.9 10.3 15.5#

68 5.6 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

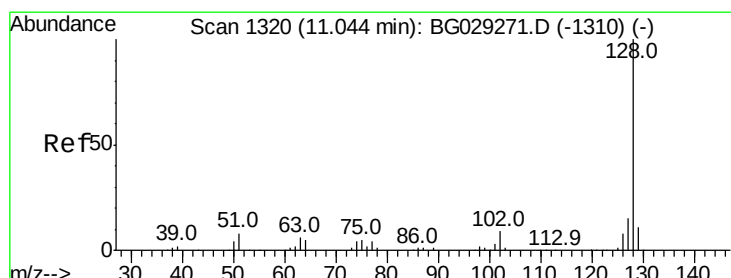
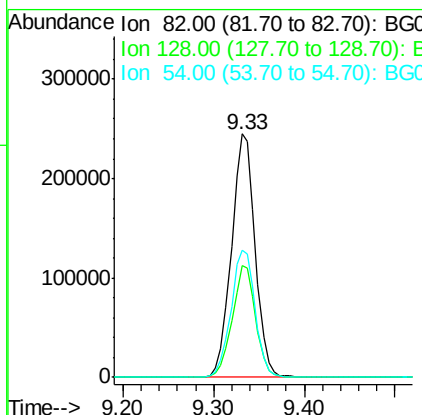
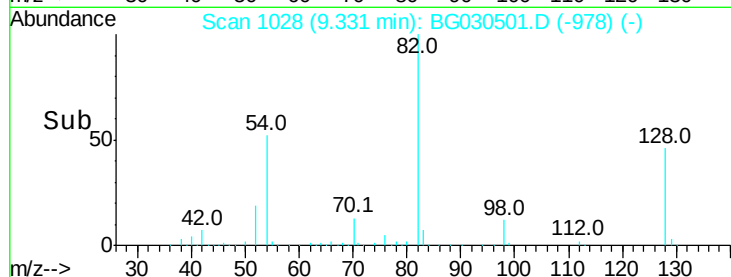
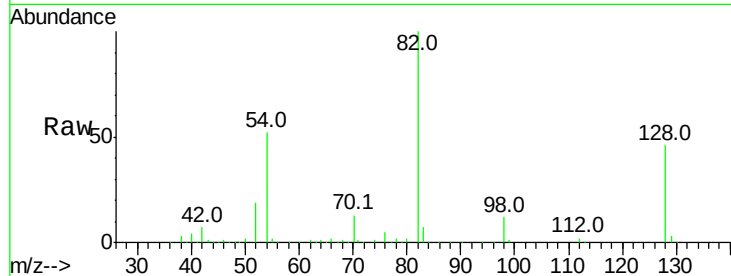




#23
Nitrobenzene-d5
Concen: 95.028 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG030501.D
Acq: 27 Oct 2017 17:24

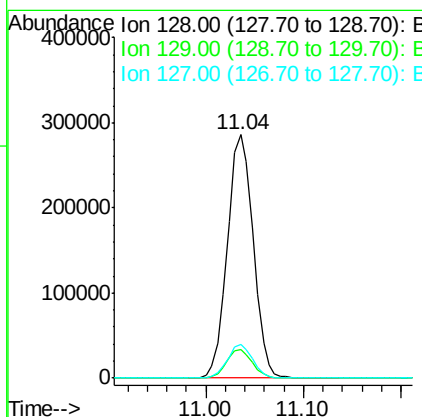
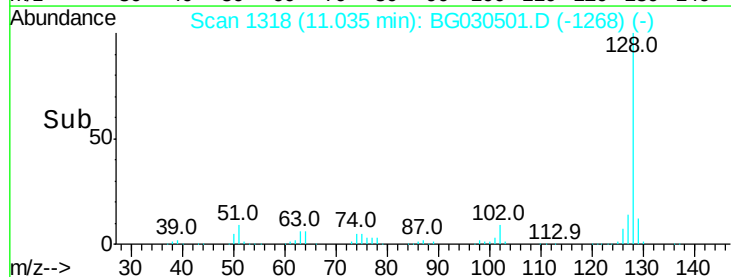
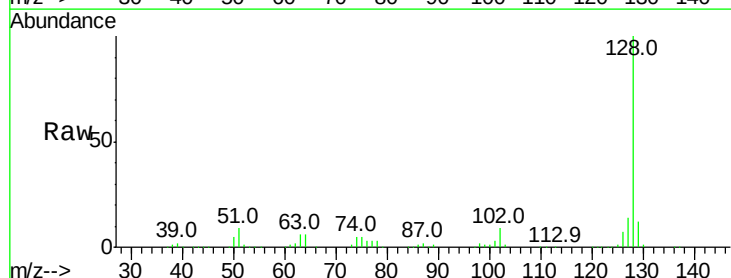
Instrument :
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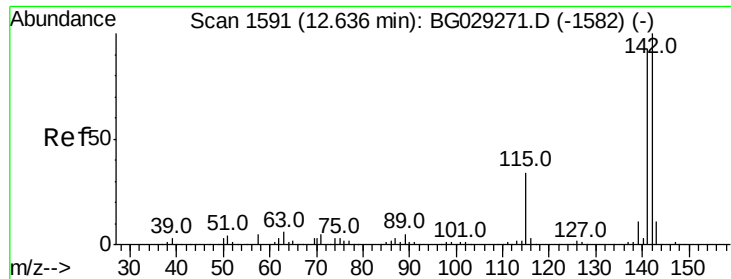
Tot Ion: 82 Resp: 444334
Ion Ratio Lower Upper
82 100
128 46.0 29.7 44.5#
54 52.3 43.1 64.7



#31
Naphthalene
Concen: 35.523 ng
RT: 11.04 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG030501.D
Acq: 27 Oct 2017 17:24

Tgt Ion: 128 Resp: 526050
Ion Ratio Lower Upper
128 100
129 11.6 8.6 12.8
127 13.7 11.6 17.4

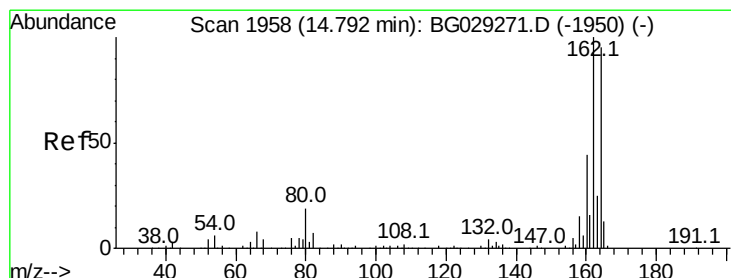
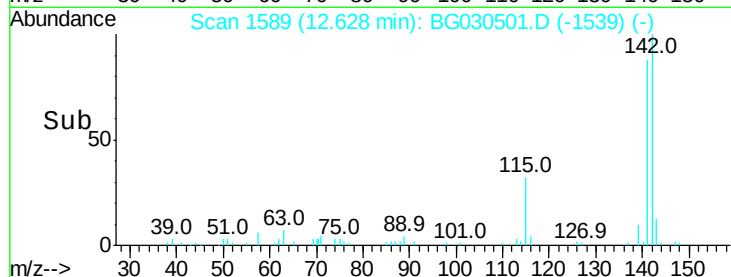
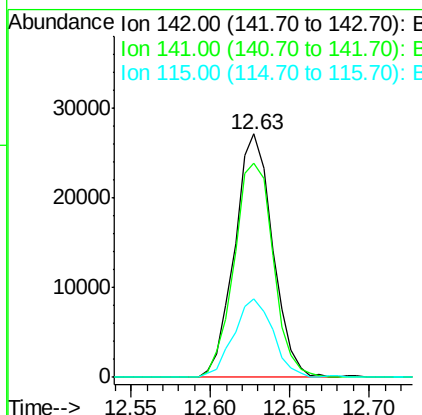
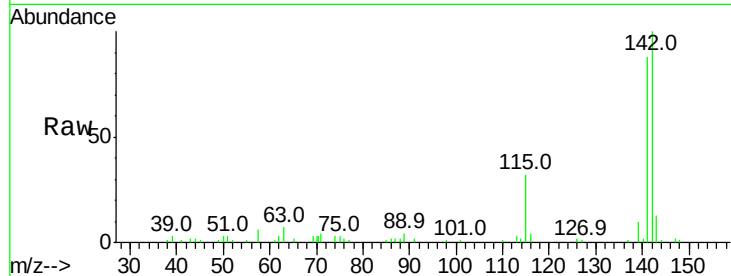




#37
2-Methylnaphthalene
Concen: 4.183 ng
RT: 12.63 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BG030501.D
Acq: 27 Oct 2017 17:24

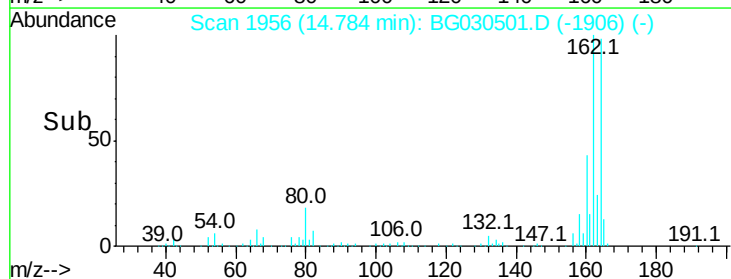
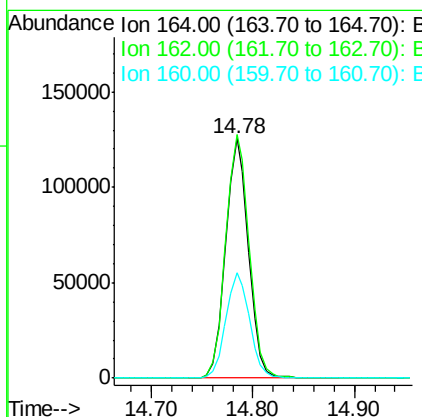
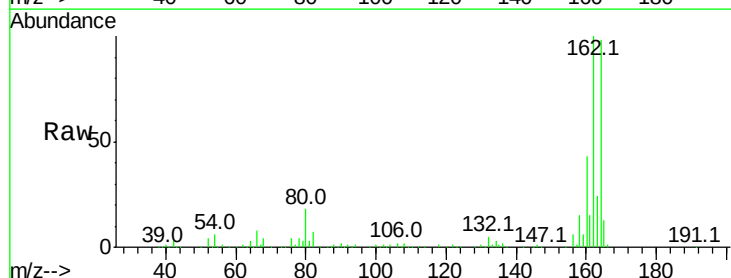
Instrument :
BNA_G
ClientSampleId :
2-MARION26KV-(2-3)

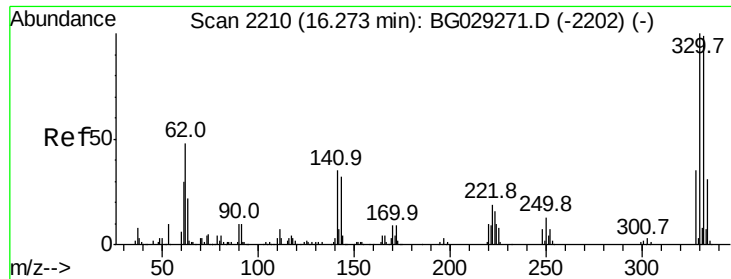
Tot Ion:142 Resp: 45152
Ion Ratio Lower Upper
142 100
141 87.7 67.1 100.7
115 32.3 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG030501.D
Acq: 27 Oct 2017 17:24

Tgt Ion:164 Resp: 195173
Ion Ratio Lower Upper
164 100
162 101.8 78.8 118.2
160 43.9 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 142.320 ng

RT: 16.26 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG030501.D

Acq: 27 Oct 2017 17:24

Instrument :

BNA_G

ClientSampleId :

2-MARION26KV-(2-3)

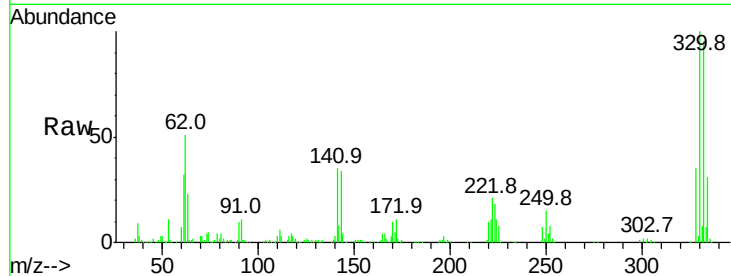
Tot Ion:330 Resp: 358631

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

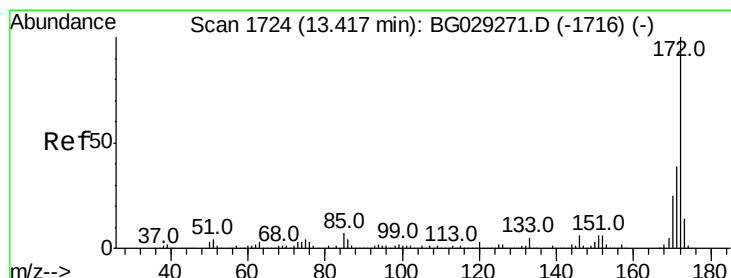
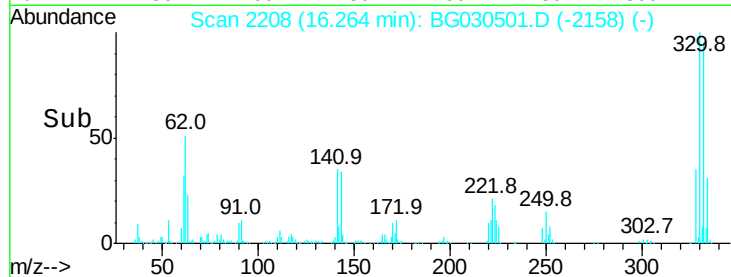
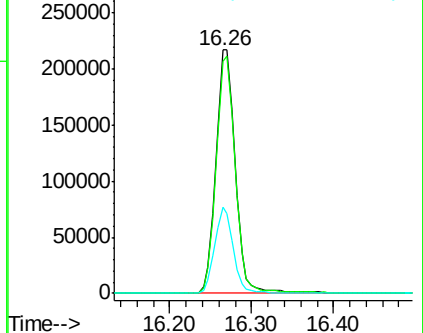
141 33.8 25.2 37.8



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: 86.577 ng

RT: 13.41 min Scan# 1722

Delta R.T. -0.01 min

Lab File: BG030501.D

Acq: 27 Oct 2017 17:24

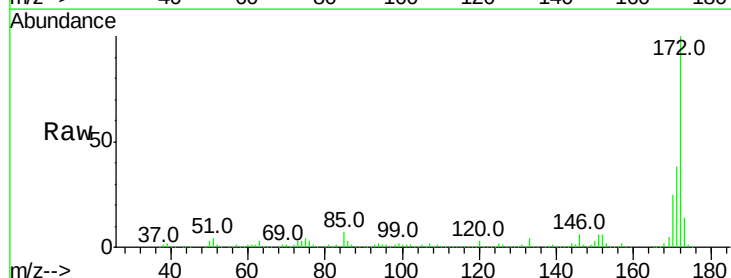
Tgt Ion:172 Resp: 1152115

Ion Ratio Lower Upper

172 100

171 37.6 30.0 45.0

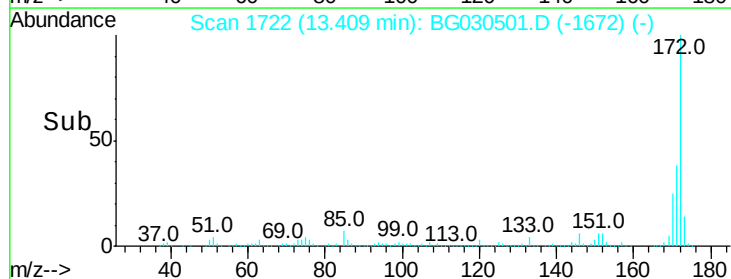
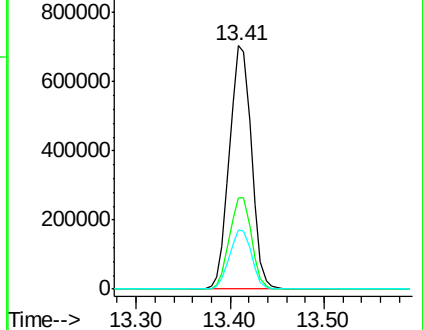
170 24.6 19.5 29.3

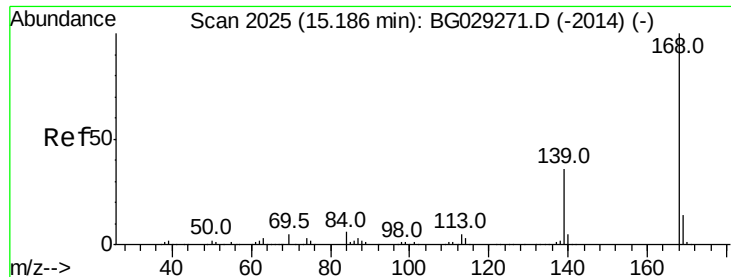


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#54

Dibenzenofuran

Concen: 2.097 ng

RT: 15.18 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BG030501.D

Acq: 27 Oct 2017 17:24

Instrument :

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ClientSampleId :

2-MARION26KV-(2-3)

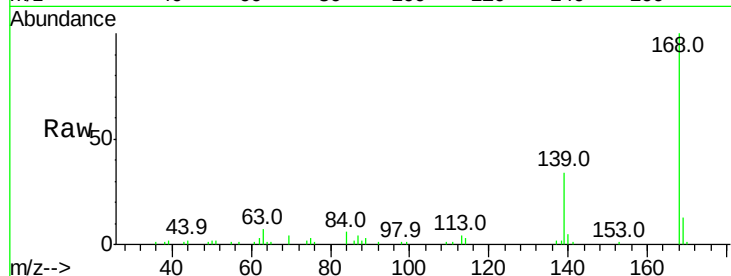
Tot Ion:168 Resp: 37298

Ion Ratio Lower Upper

168 100

139 34.3 28.6 43.0

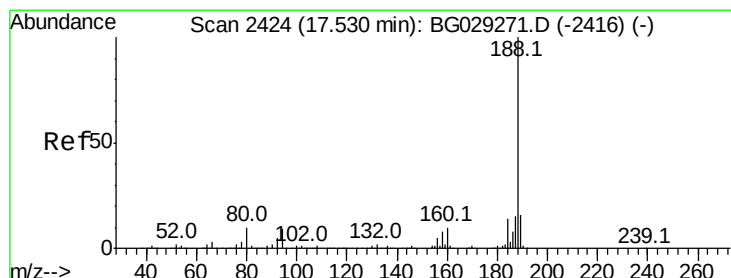
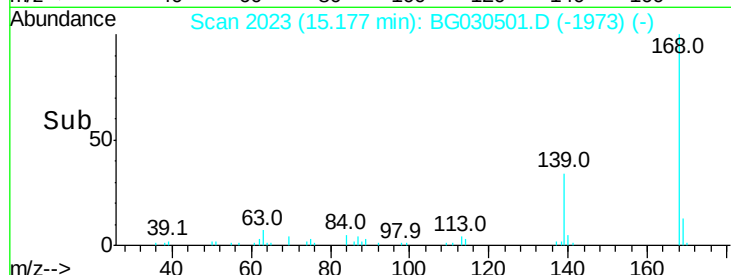
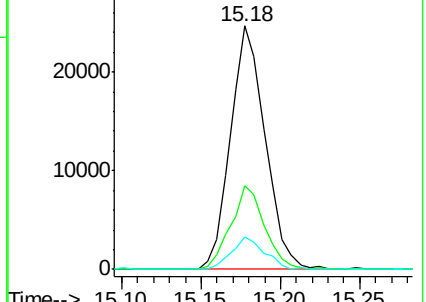
169 13.3 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BG030501.D

Acq: 27 Oct 2017 17:24

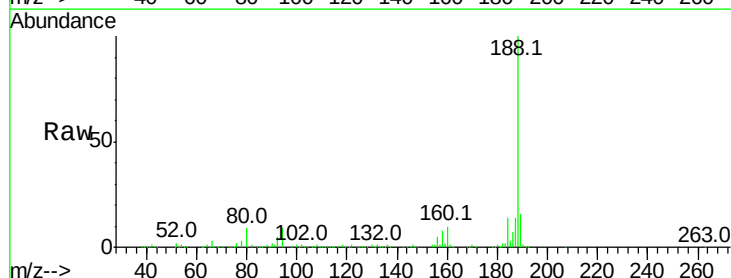
Tgt Ion:188 Resp: 467626

Ion Ratio Lower Upper

188 100

94 8.5 6.9 10.3

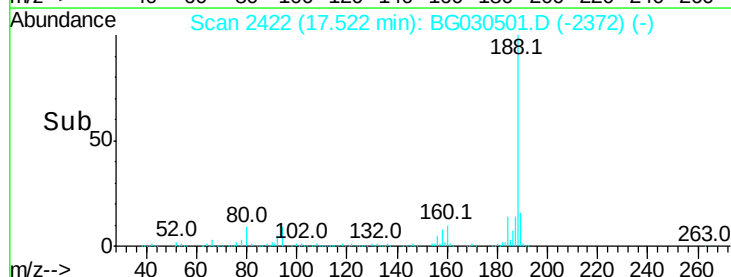
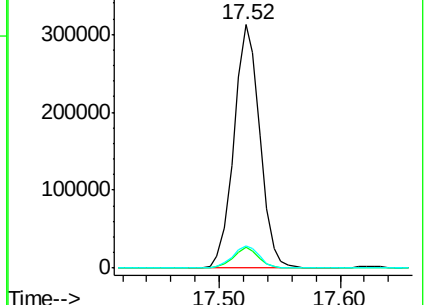
80 9.2 7.7 11.5

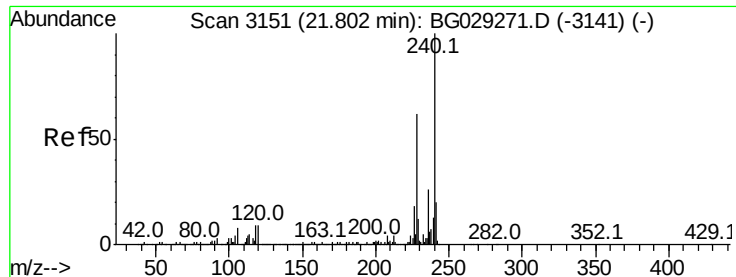


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.79 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG030501.D

Acq: 27 Oct 2017 17:24

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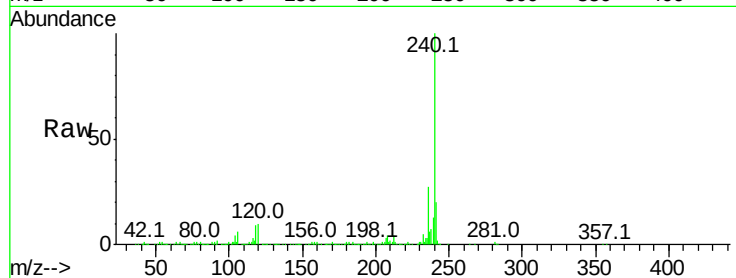
Tot Ion:240 Resp: 502097

Ion Ratio Lower Upper

240 100

120 9.6 6.8 10.2

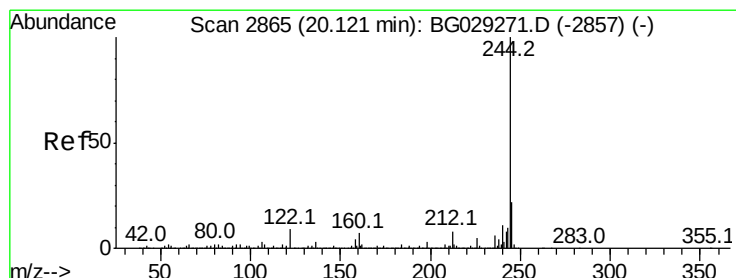
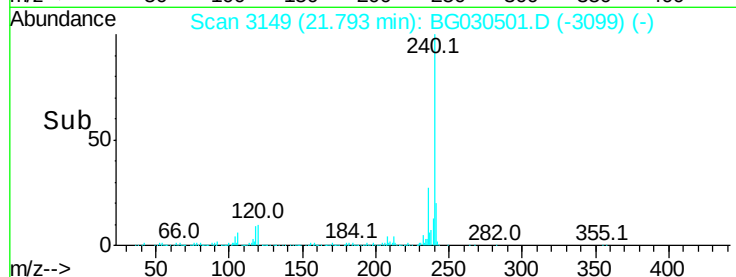
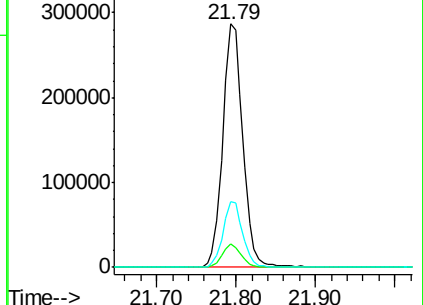
236 26.9 20.9 31.3



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: 84.260 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG030501.D

Acq: 27 Oct 2017 17:24

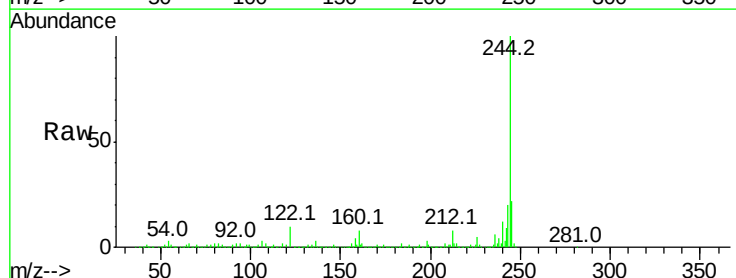
Tgt Ion:244 Resp: 1859696

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

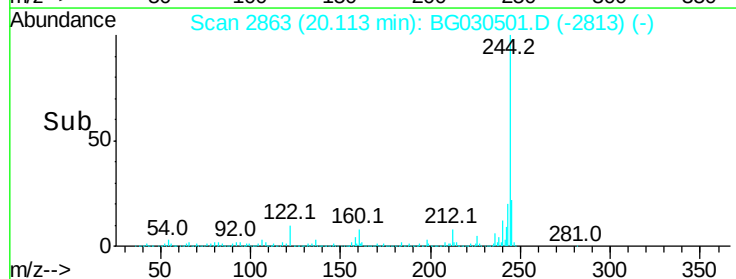
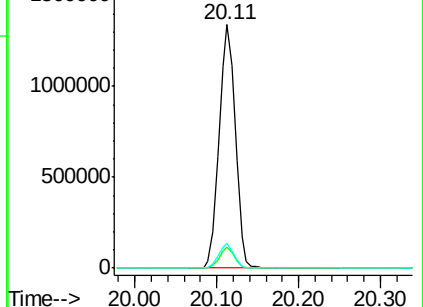
122 10.1 7.0 10.4

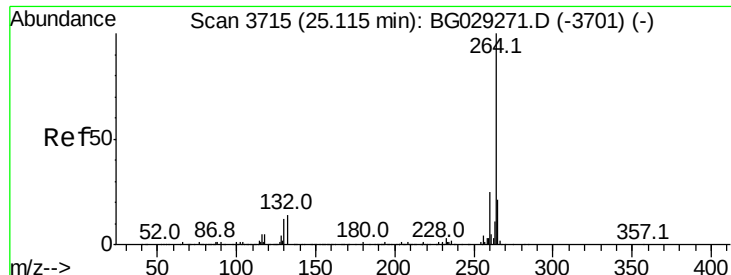


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

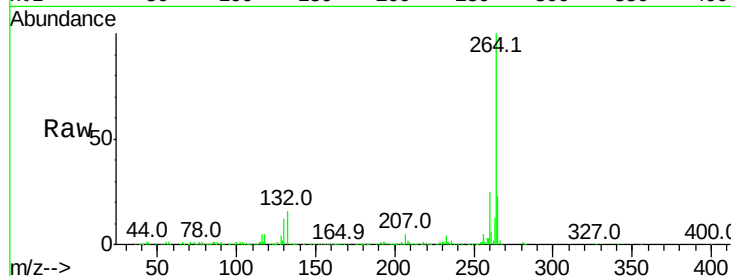




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.11 min Scan# 3714
 Delta R.T. -0.00 min
 Lab File: BG030501.D
 Acq: 27 Oct 2017 17:24

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	17.4	26.0
265	23.3	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

