

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102717\
 Data File : BG030503.D
 Acq On : 27 Oct 2017 18:44
 Operator : SJ/JU
 Sample : I6112-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Oct 27 19:22:51 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

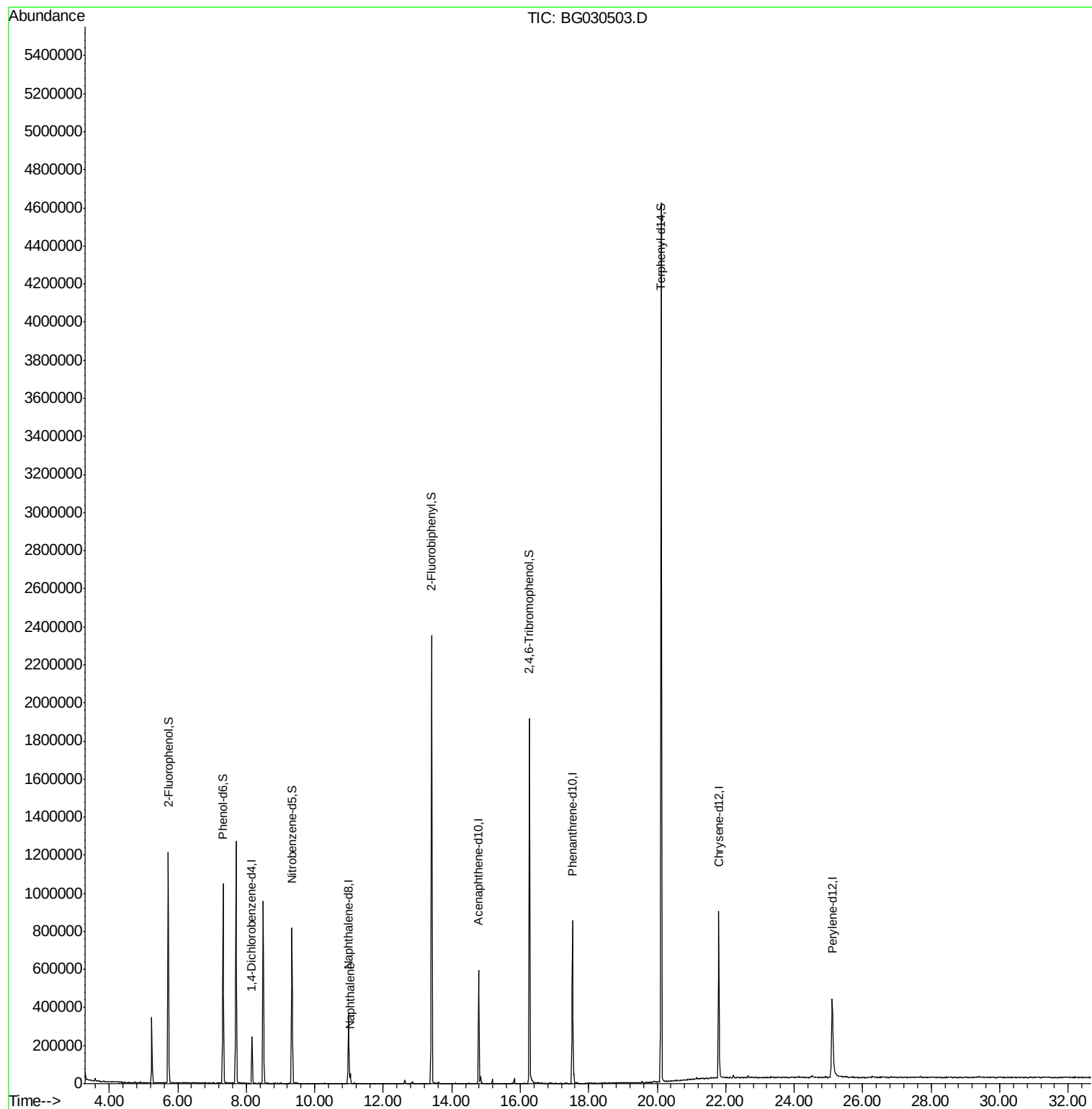
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	71830	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	322998	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	214020	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	516830	20.00	ng	0.00
75) Chrysene-d12	21.80	240	563634	20.00	ng	0.00
86) Perylene-d12	25.11	264	549861	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	539577	125.49	ng	0.00
7) Phenol-d6	7.32	99	639022	105.88	ng	0.00
23) Nitrobenzene-d5	9.33	82	487679	95.95	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	399513	144.58	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1237943	84.83	ng	0.00
78) Terphenyl-d14	20.12	244	2057281	83.04	ng	0.00
Target Compounds						
31) Naphthalene	11.04	128	43272	2.688	ng	Qvalue 97

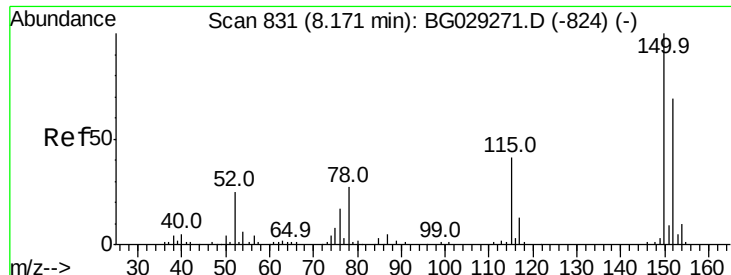
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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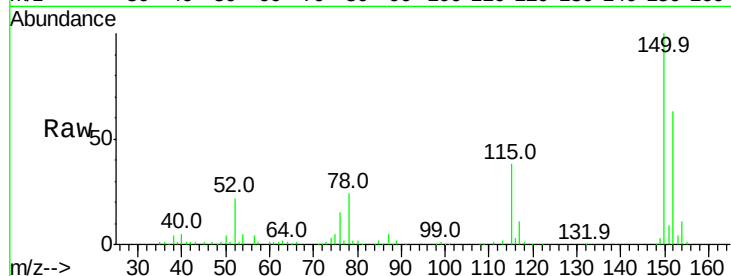


#1

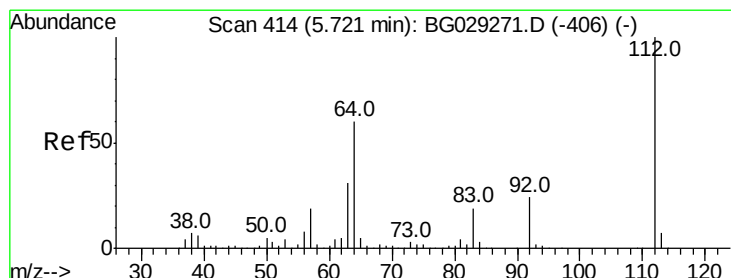
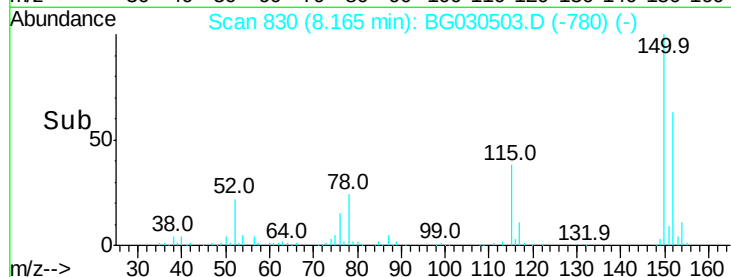
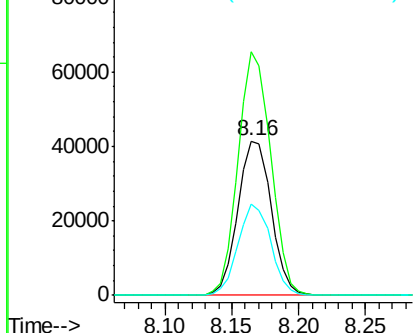
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG030503.D
Acq: 27 Oct 2017 18:44

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

Tot Ion:152 Resp: 71830
Ion Ratio Lower Upper
152 100
150 157.6 126.6 189.8
115 59.2 53.0 79.4



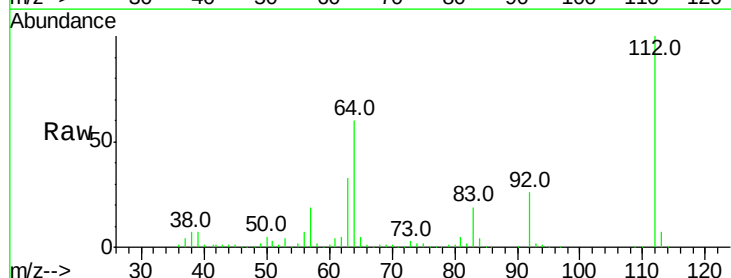
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



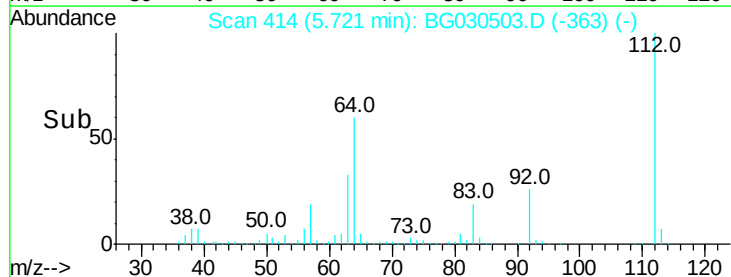
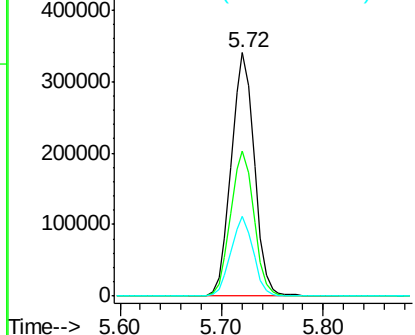
#5

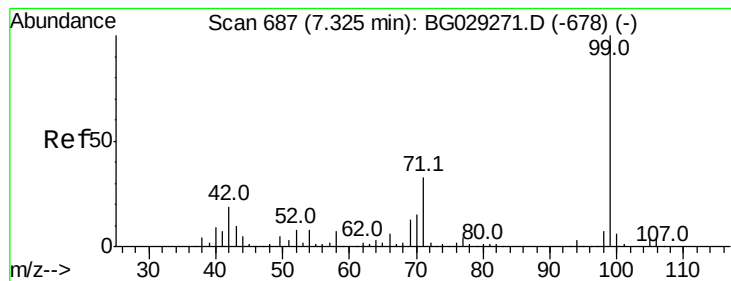
2-Fluorophenol
Concen: 125.490 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG030503.D
Acq: 27 Oct 2017 18:44

Tgt Ion:112 Resp: 539577
Ion Ratio Lower Upper
112 100
64 59.8 56.3 84.5
63 32.5 30.1 45.1



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





#7

Phenol-d6

Concen: 105.879 ng

RT: 7.32 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG030503.D

Acq: 27 Oct 2017 18:44

Instrument :

BNA_G

ClientSampleId :

4-MARION26KV-(2-3)

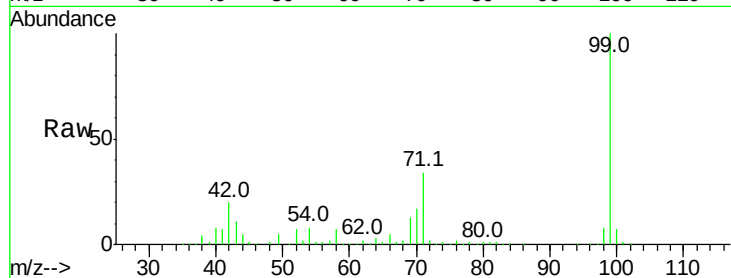
Tot Ion: 99 Resp: 639022

Ion Ratio Lower Upper

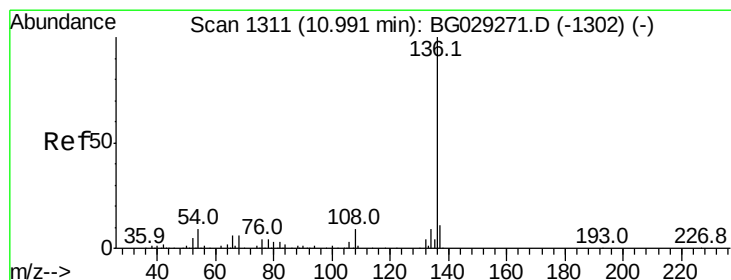
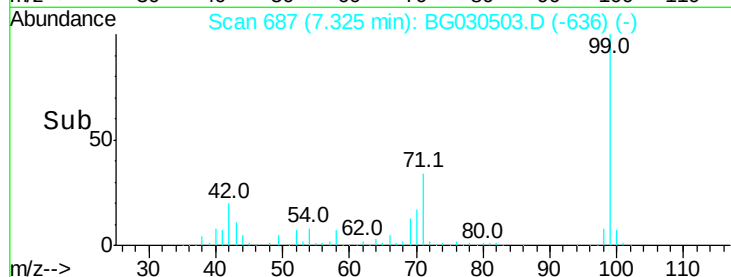
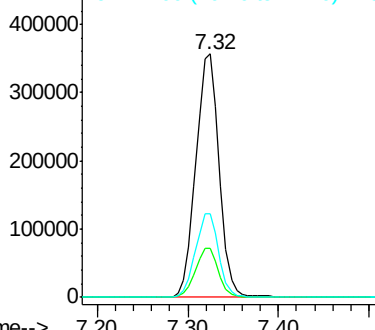
99 100

42 20.1 14.1 21.1

71 34.3 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# 1310

Delta R.T. -0.01 min

Lab File: BG030503.D

Acq: 27 Oct 2017 18:44

Tgt Ion: 136 Resp: 322998

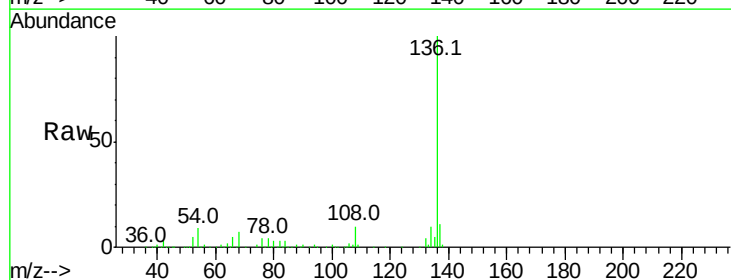
Ion Ratio Lower Upper

136 100

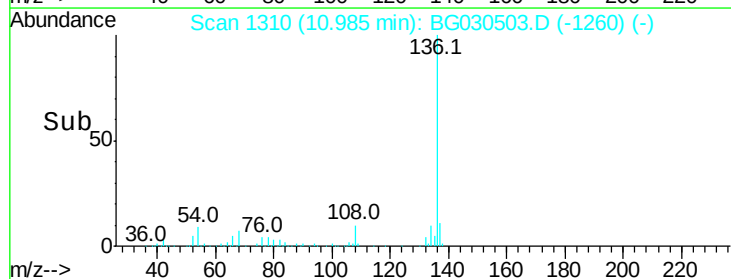
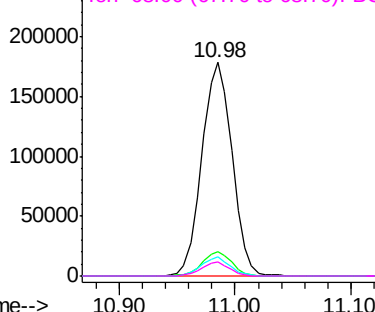
137 11.2 9.2 13.8

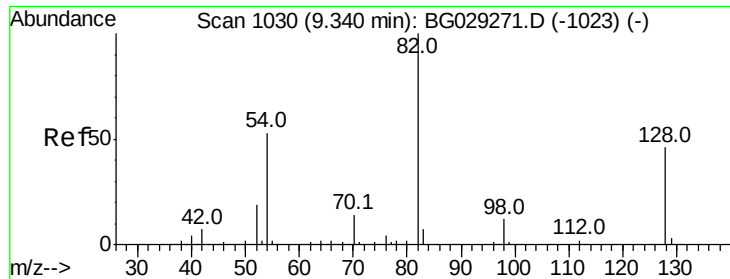
54 8.8 10.3 15.5#

68 6.7 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

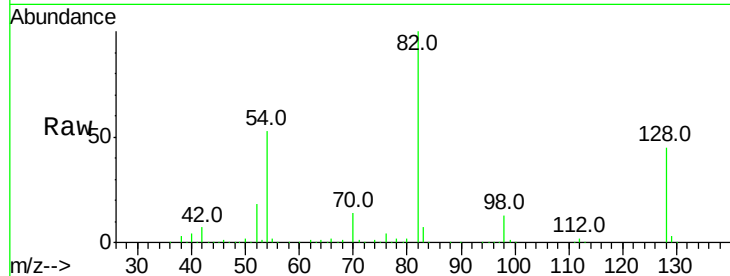




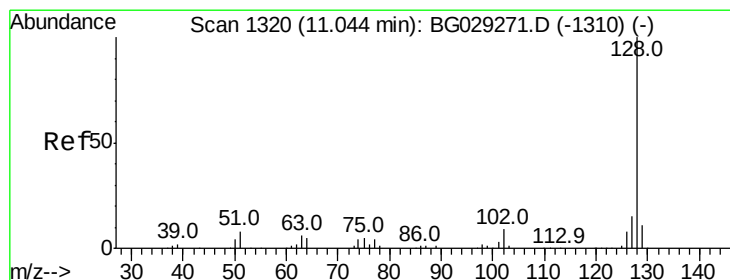
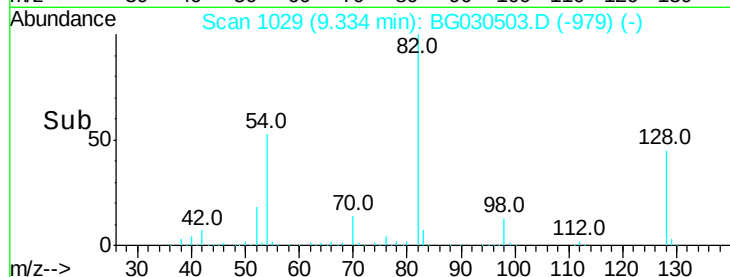
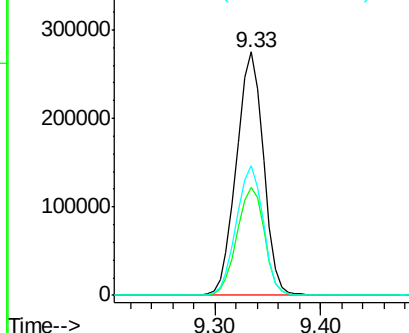
#23
Nitrobenzene-d5
Concen: 95.947 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG030503.D
Acq: 27 Oct 2017 18:44

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

Tot Ion: 82 Resp: 487679
Ion Ratio Lower Upper
82 100
128 44.5 29.7 44.5#
54 53.4 43.1 64.7

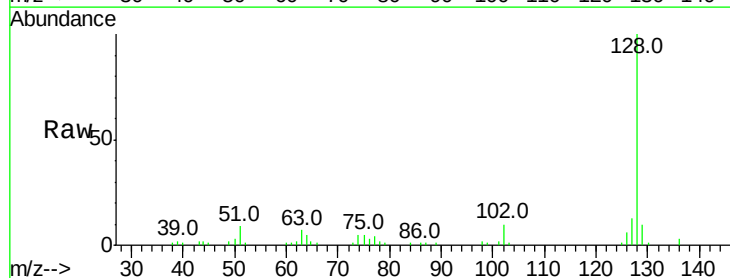


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

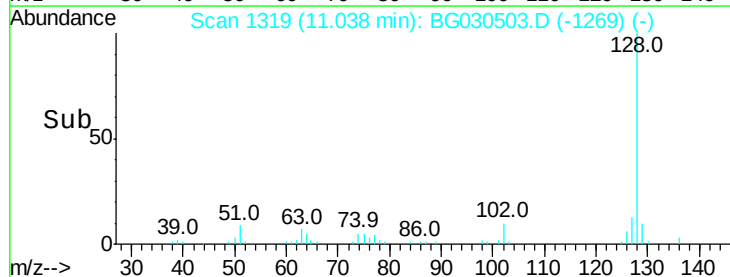
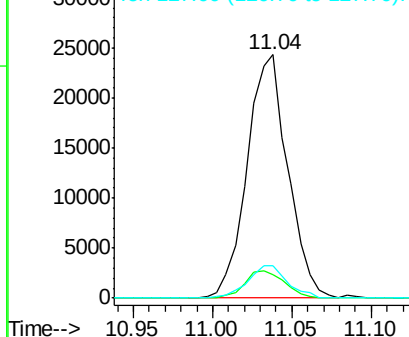


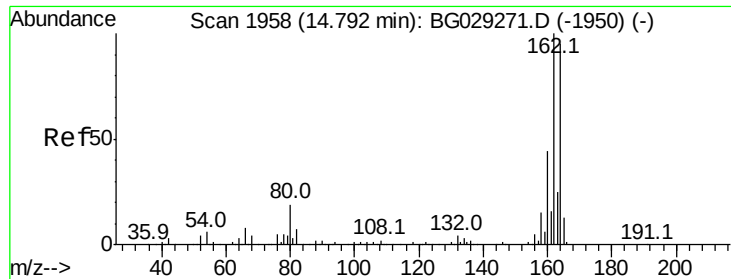
#31
Naphthalene
Concen: 2.688 ng
RT: 11.04 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG030503.D
Acq: 27 Oct 2017 18:44

Tgt Ion: 128 Resp: 43272
Ion Ratio Lower Upper
128 100
129 9.8 8.6 12.8
127 13.3 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG030503.D

Acq: 27 Oct 2017 18:44

Instrument :

BNA_G

ClientSampleId :

4-MARION26KV-(2-3)

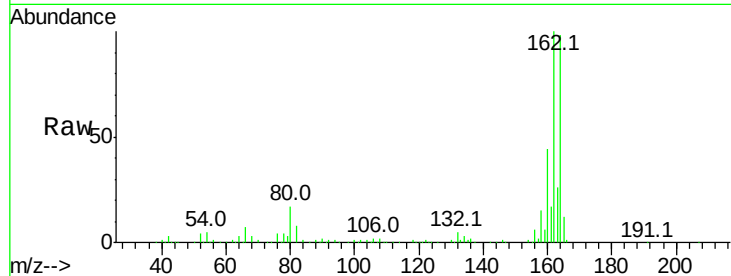
Tot Ion:164 Resp: 214020

Ion Ratio Lower Upper

164 100

162 101.8 78.8 118.2

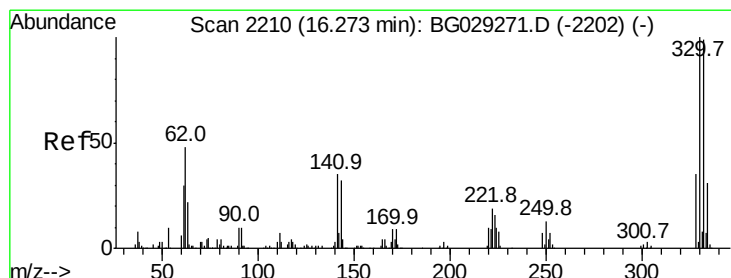
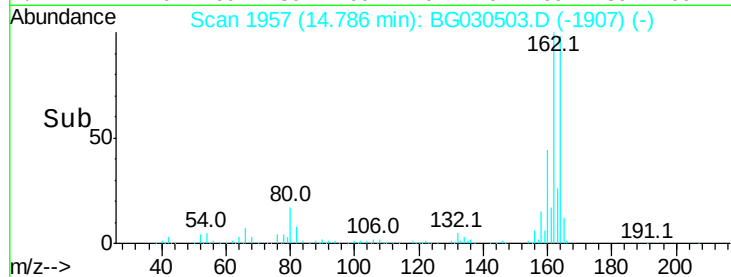
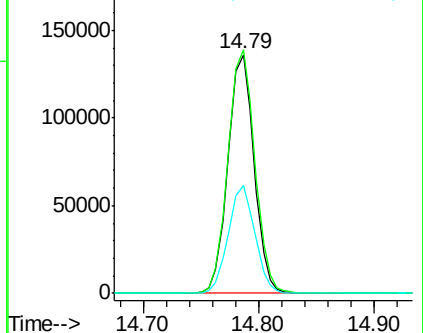
160 45.1 35.4 53.0



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: 144.583 ng

RT: 16.27 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BG030503.D

Acq: 27 Oct 2017 18:44

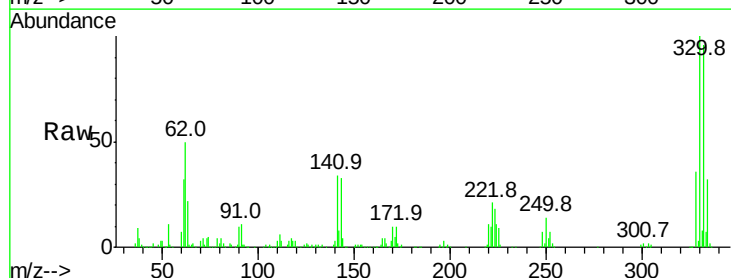
Tgt Ion:330 Resp: 399513

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

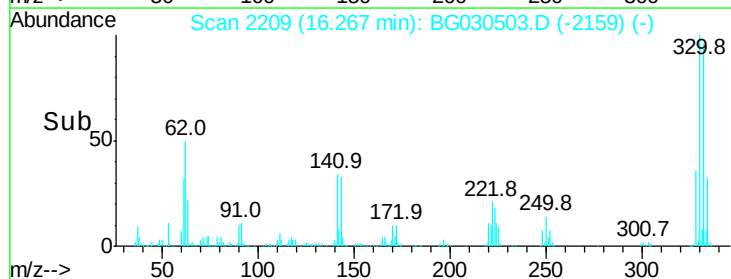
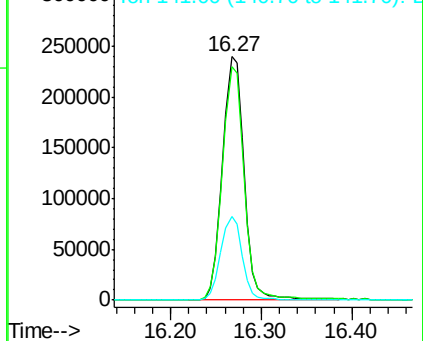
141 34.3 25.2 37.8

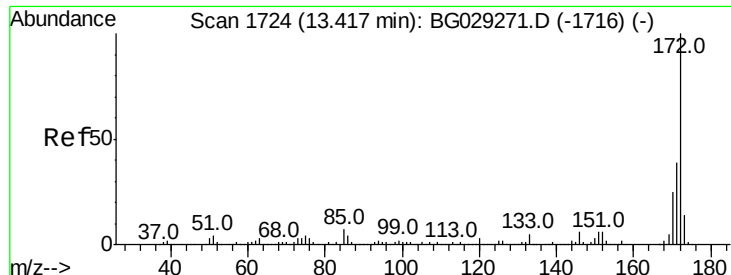


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



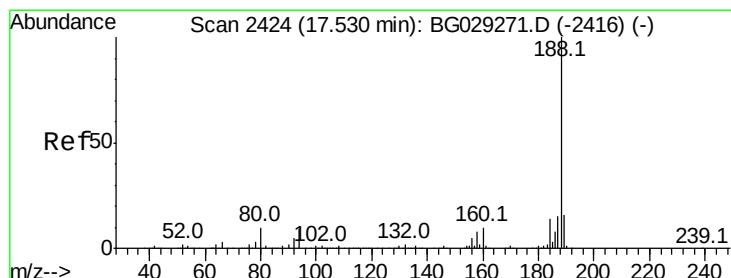
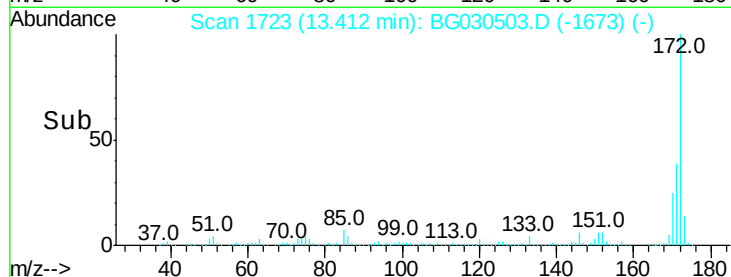
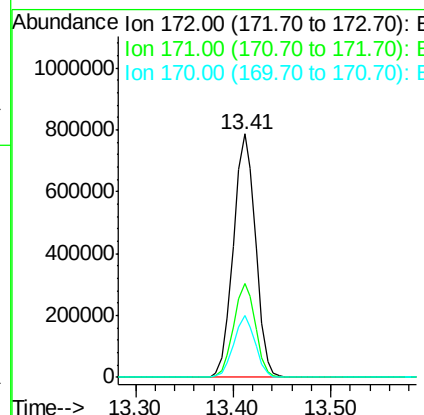
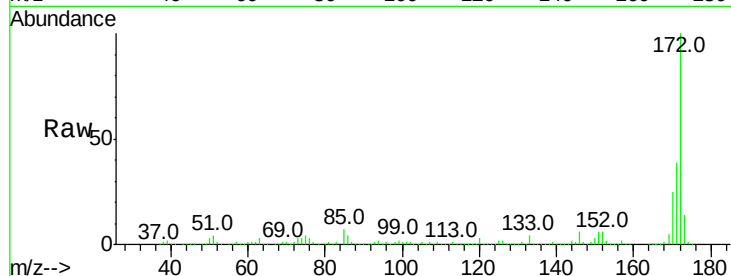


#44
 2-Fluorobiphenyl
 Concen: 84.835 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG030503.D
 Acq: 27 Oct 2017 18:44

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

Tot Ion:172 Resp: 1237943

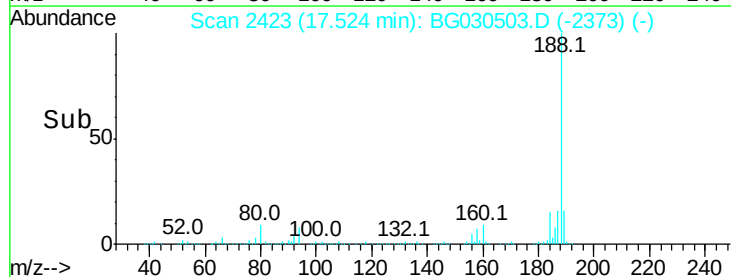
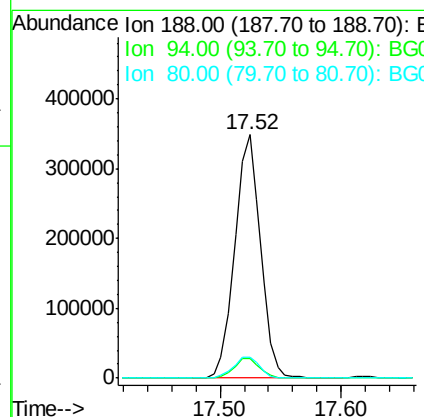
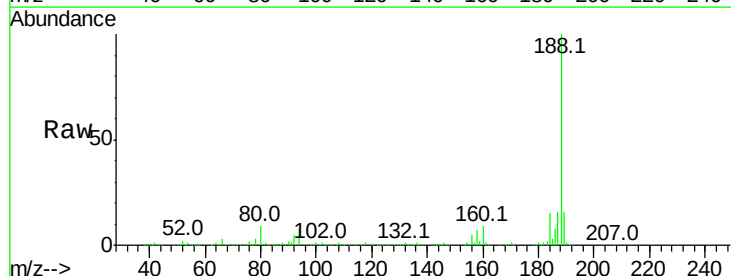
Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.0	45.0
170	25.2	19.5	29.3

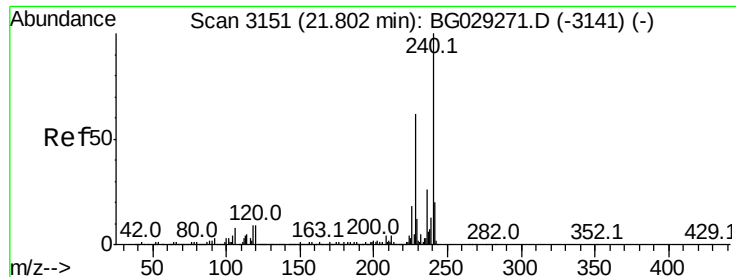


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2423
 Delta R.T. -0.01 min
 Lab File: BG030503.D
 Acq: 27 Oct 2017 18:44

Tgt Ion:188 Resp: 516830

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.9	10.3
80	8.6	7.7	11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG030503.D

Acq: 27 Oct 2017 18:44

Instrument :

BNA_G

ClientSampleId :

4-MARION26KV-(2-3)

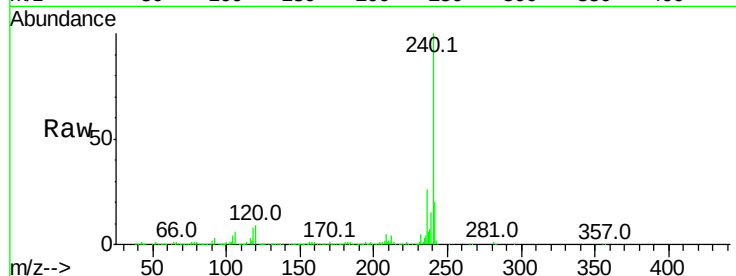
Tot Ion:240 Resp: 563634

Ion Ratio Lower Upper

240 100

120 8.8 6.8 10.2

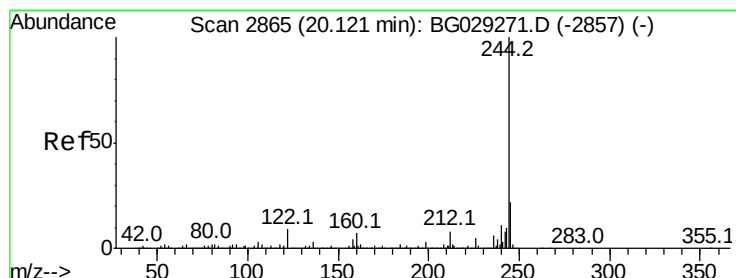
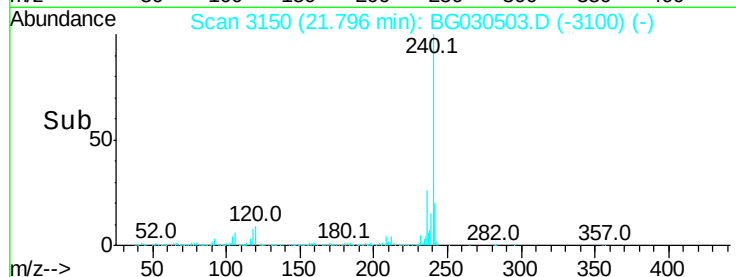
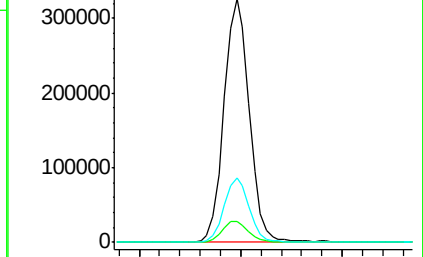
236 26.3 20.9 31.3



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: 83.036 ng

RT: 20.12 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG030503.D

Acq: 27 Oct 2017 18:44

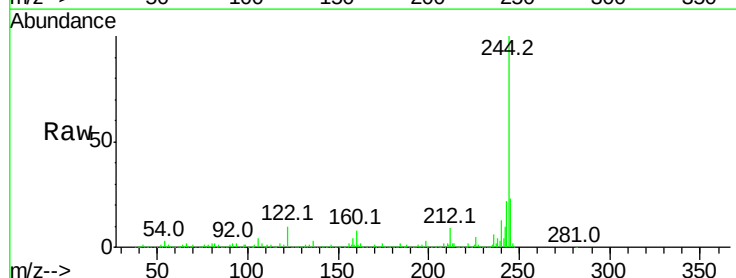
Tgt Ion:244 Resp: 2057281

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

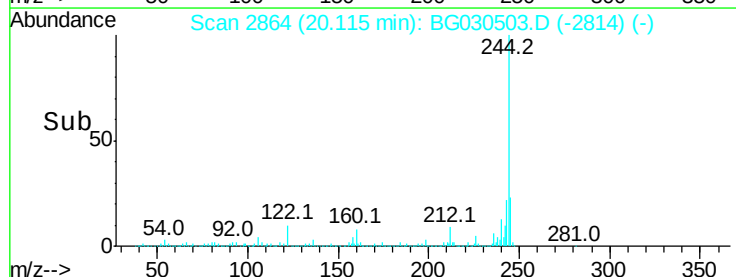
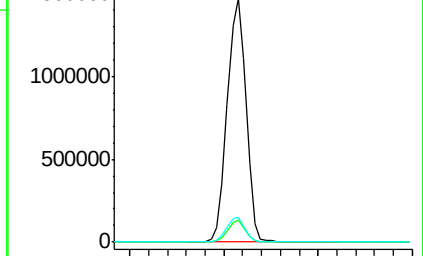
122 10.2 7.0 10.4

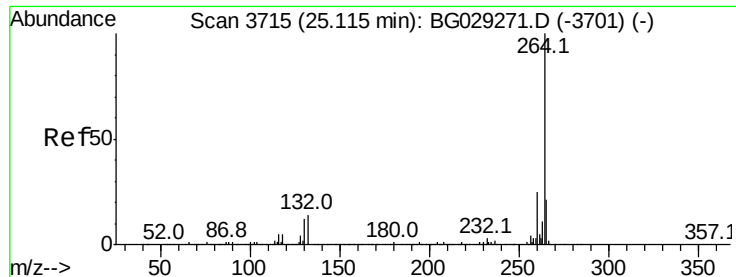


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.01 min
Lab File: BG030503.D
Acq: 27 Oct 2017 18:44

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	21.5	17.7	26.5

