

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102717\
 Data File : BG030505.D
 Acq On : 27 Oct 2017 20:03
 Operator : SJ/JU
 Sample : I6112-24
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Oct 27 20:37:49 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	70025	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	319394	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	208681	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	502728	20.00	ng	-0.01
75) Chrysene-d12	21.80	240	542875	20.00	ng	0.00
86) Perylene-d12	25.11	264	526243	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	512118	122.17	ng	0.00
7) Phenol-d6	7.32	99	613575	104.28	ng	0.00
23) Nitrobenzene-d5	9.34	82	469865	93.49	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	361926	134.33	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1211507	85.15	ng	0.00
78) Terphenyl-d14	20.11	244	2006723	84.09	ng	-0.01

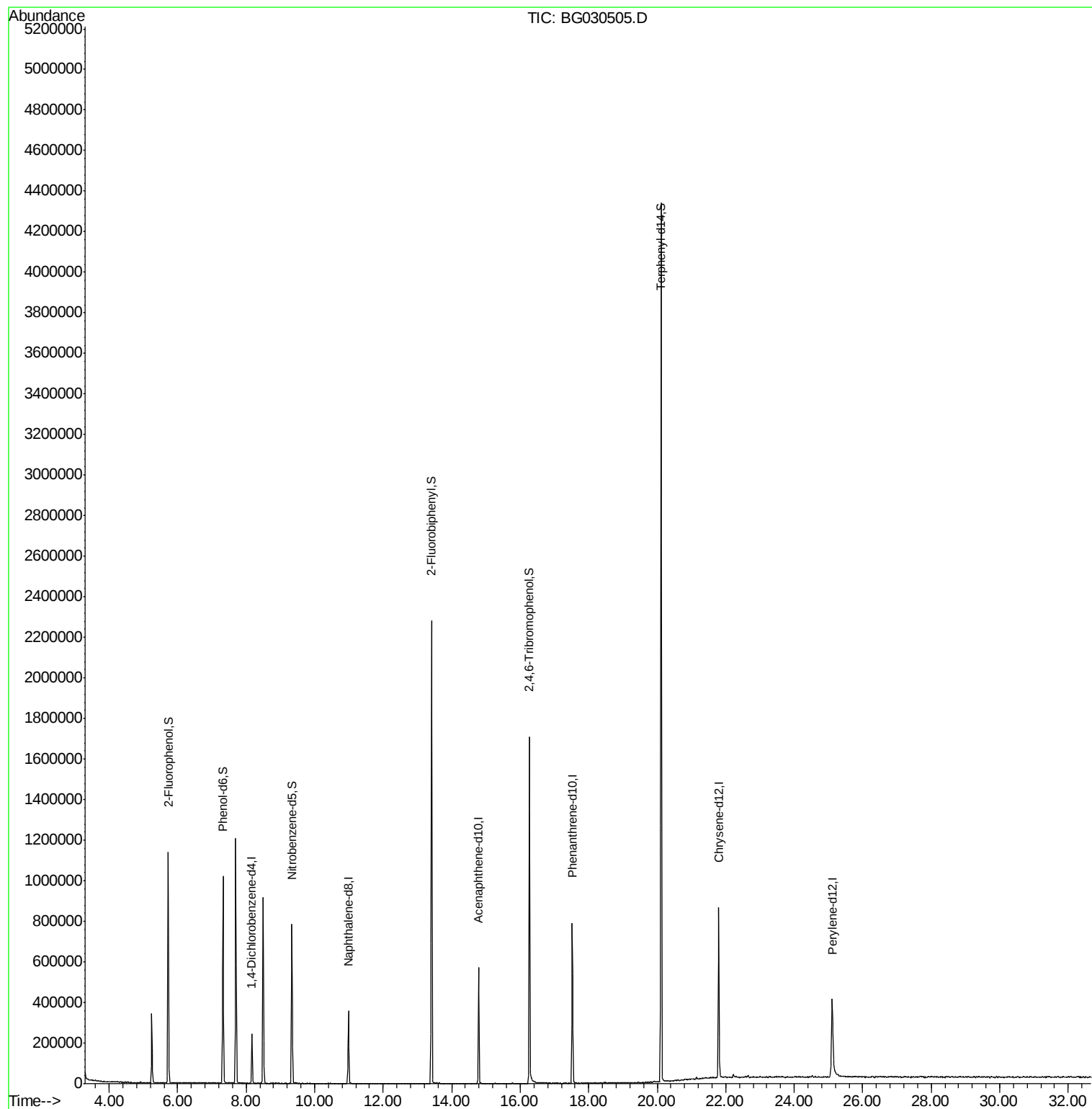
Target Compounds	Qvalue
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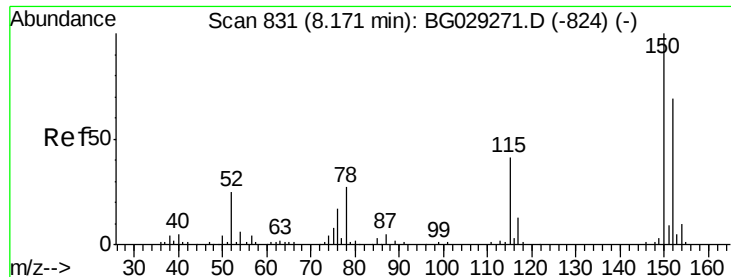
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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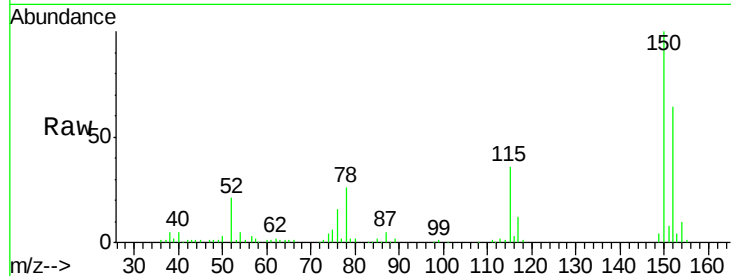


#1

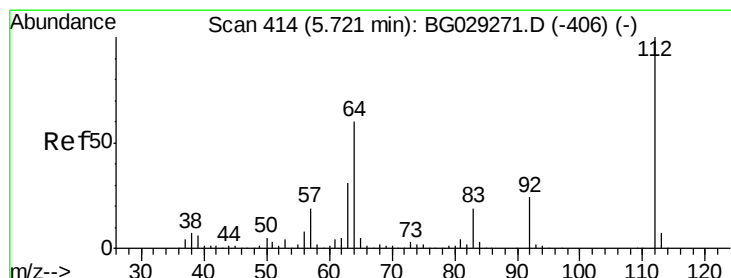
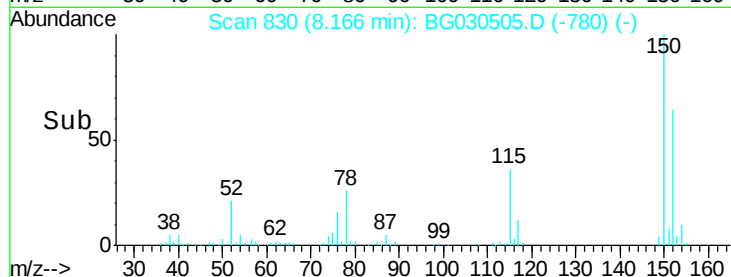
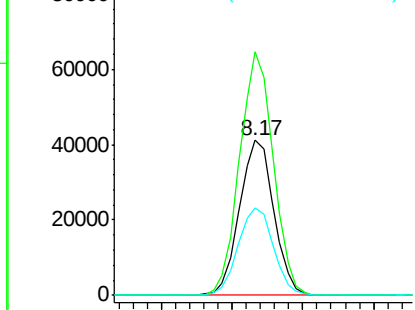
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG030505.D
Acq: 27 Oct 2017 20:03

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

Tgt Ion:152 Resp: 70025
Ion Ratio Lower Upper
152 100
150 157.4 126.6 189.8
115 56.8 53.0 79.4



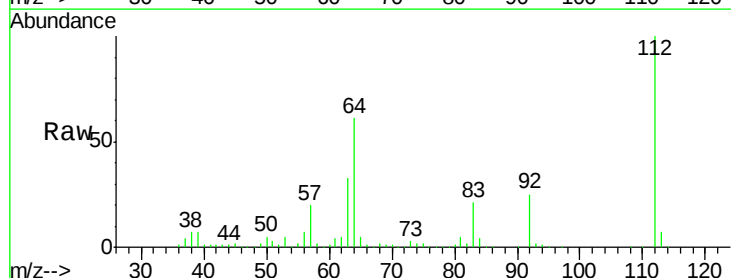
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



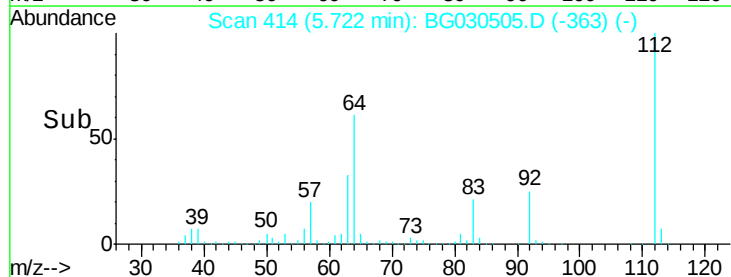
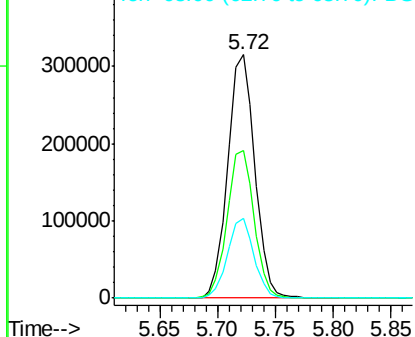
#5

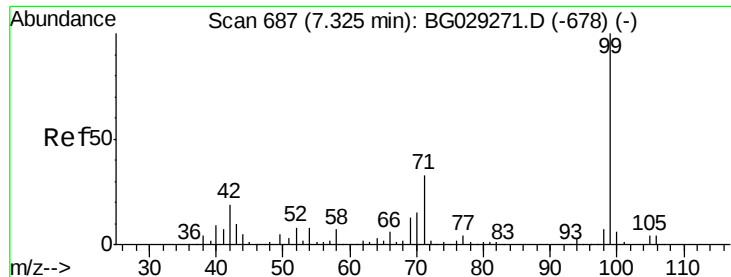
2-Fluorophenol
Concen: 122.174 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG030505.D
Acq: 27 Oct 2017 20:03

Tgt Ion:112 Resp: 512118
Ion Ratio Lower Upper
112 100
64 60.8 56.3 84.5
63 32.7 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: 104.283 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG030505.D

Acq: 27 Oct 2017 20:03

Instrument :

BNA_G

ClientSampleId :

6-MARION26KV-(2-3)

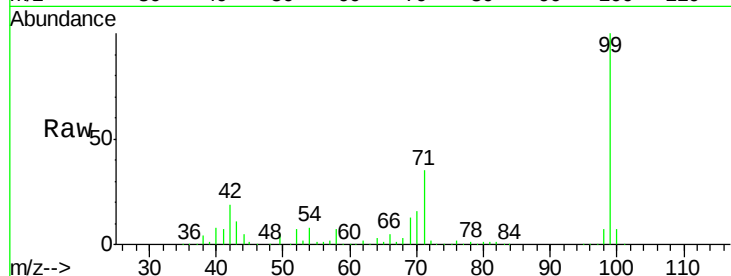
Tgt Ion: 99 Resp: 613575

Ion Ratio Lower Upper

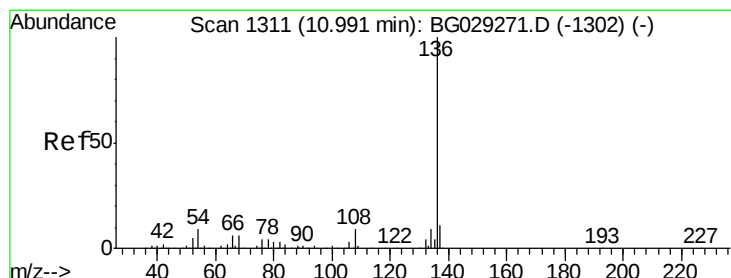
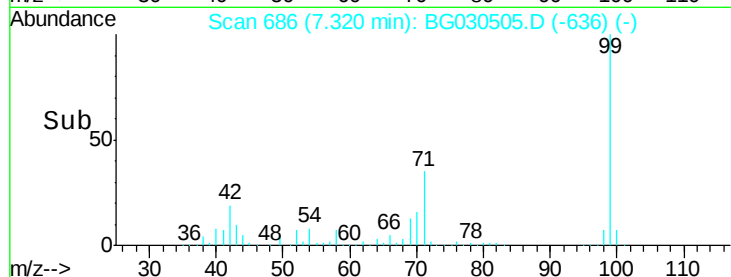
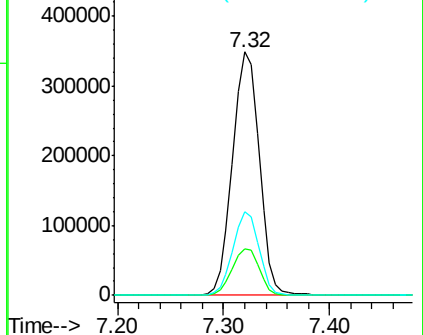
99 100

42 19.3 14.1 21.1

71 34.5 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. -0.00 min

Lab File: BG030505.D

Acq: 27 Oct 2017 20:03

Tgt Ion: 136 Resp: 319394

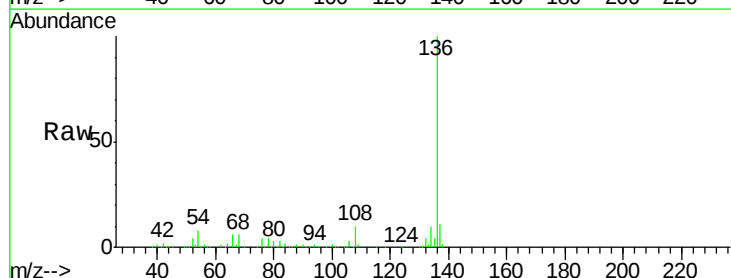
Ion Ratio Lower Upper

136 100

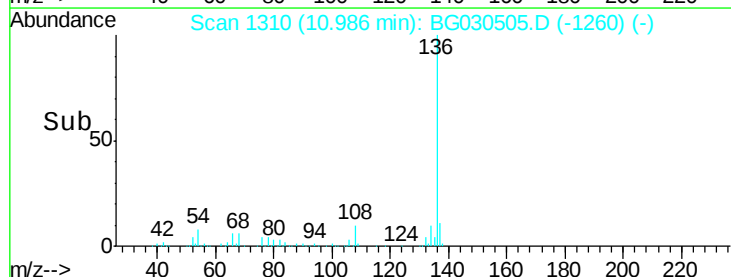
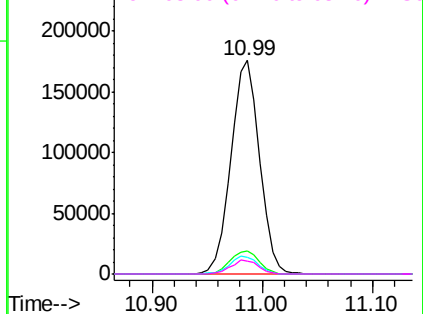
137 10.9 9.2 13.8

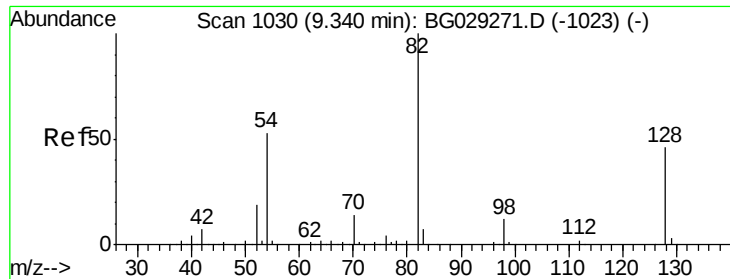
54 8.0 10.3 15.5#

68 5.7 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

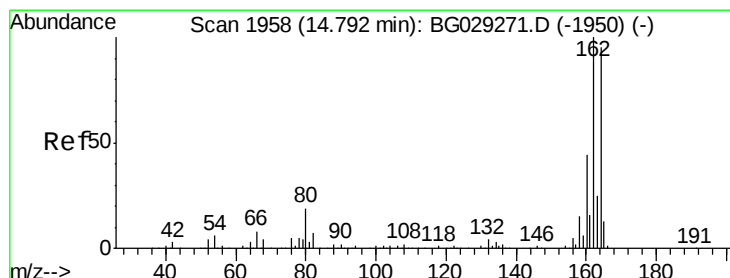
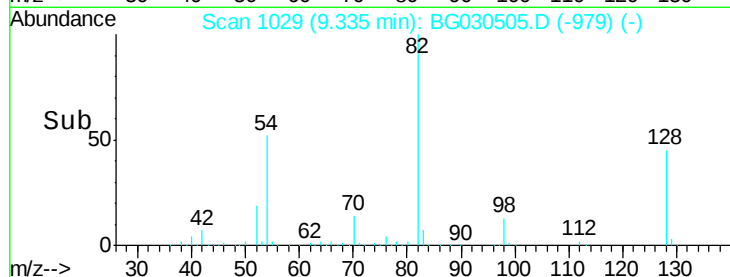
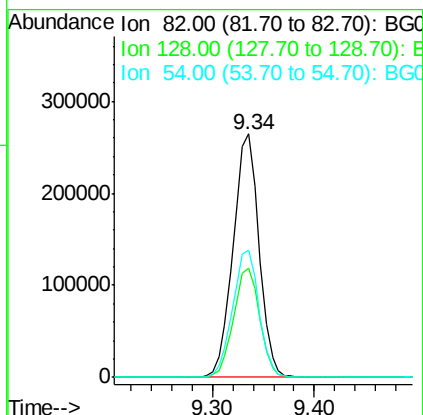
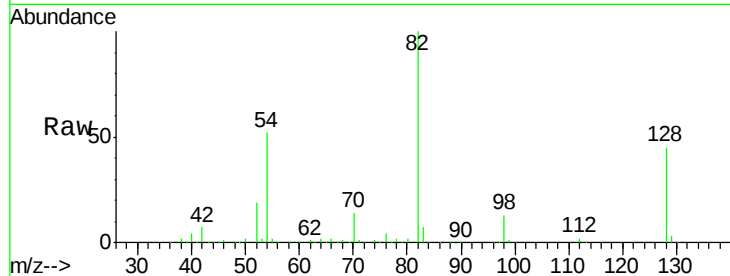




#23
 Nitrobenzene-d5
 Concen: 93.485 ng
 RT: 9.34 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BG030505.D
 Acq: 27 Oct 2017 20:03

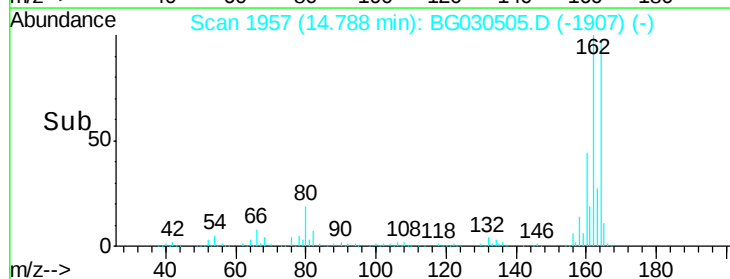
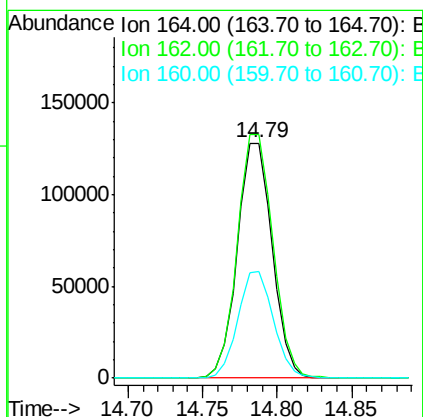
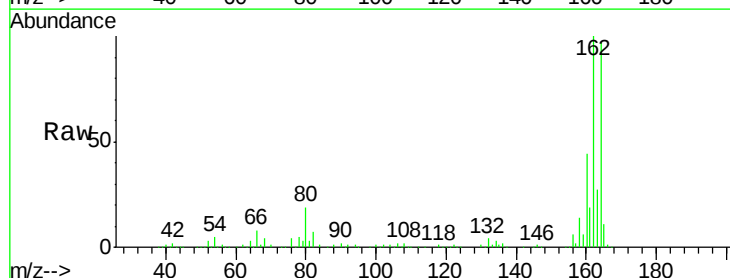
Instrument :
 BNA_G
 ClientSampleId :
 6-MARION26KV-(2-3)

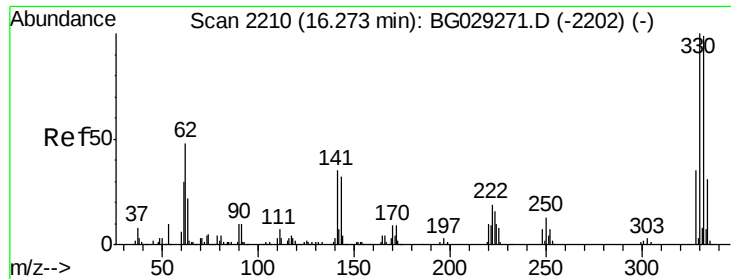
Tgt Ion: 82 Resp: 469865
 Ion Ratio Lower Upper
 82 100
 128 44.9 29.7 44.5#
 54 52.4 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. -0.00 min
 Lab File: BG030505.D
 Acq: 27 Oct 2017 20:03

Tgt Ion: 164 Resp: 208681
 Ion Ratio Lower Upper
 164 100
 162 103.5 78.8 118.2
 160 45.2 35.4 53.0

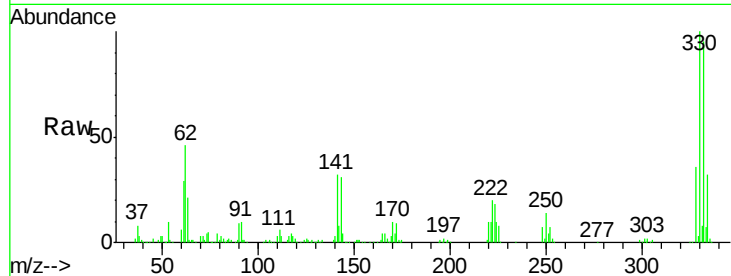




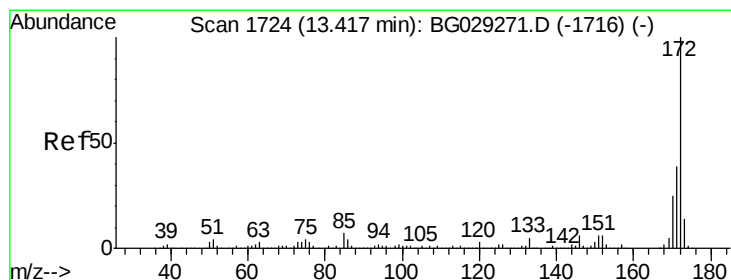
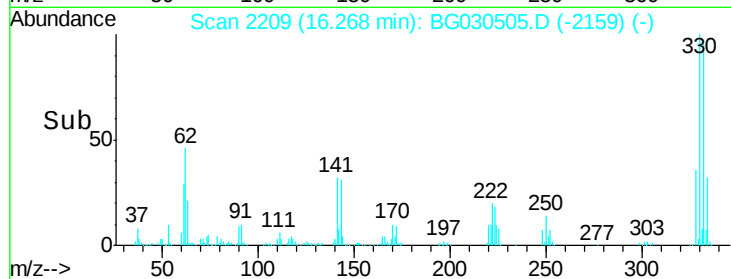
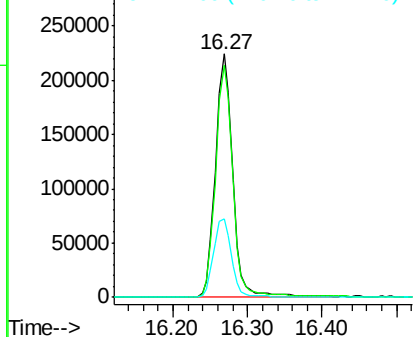
#41
 2,4,6-Tribromophenol
 Concen: 134.331 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BG030505.D
 Acq: 27 Oct 2017 20:03

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

Tgt Ion:330 Resp: 361926
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 33.5 25.2 37.8

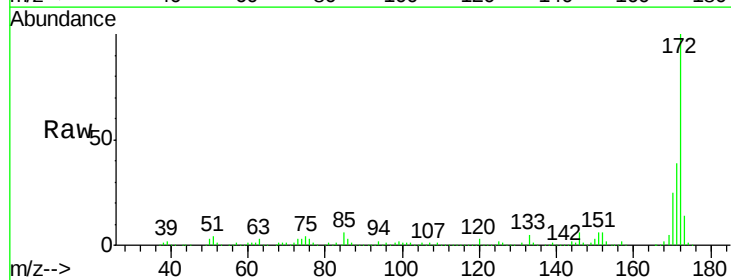


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

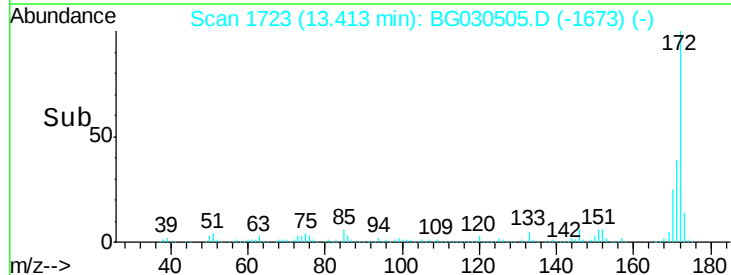
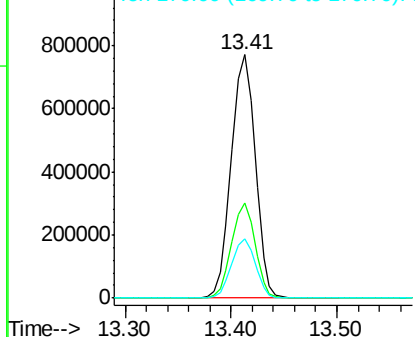


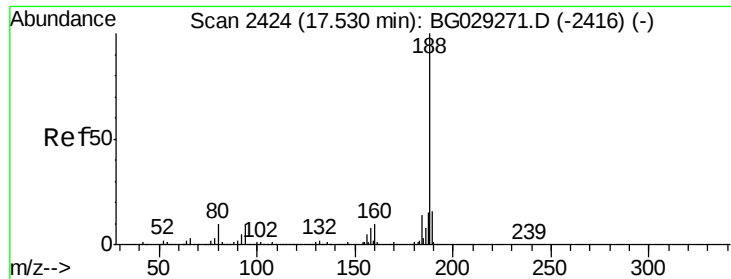
#44
 2-Fluorobiphenyl
 Concen: 85.147 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG030505.D
 Acq: 27 Oct 2017 20:03

Tgt Ion:172 Resp: 1211507
 Ion Ratio Lower Upper
 172 100
 171 39.0 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BG030505.D

Acq: 27 Oct 2017 20:03

Instrument :

BNA_G

ClientSampleId :

6-MARION26KV-(2-3)

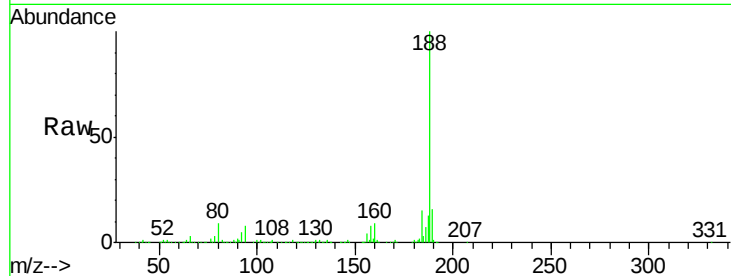
Tgt Ion:188 Resp: 502728

Ion Ratio Lower Upper

188 100

94 8.4 6.9 10.3

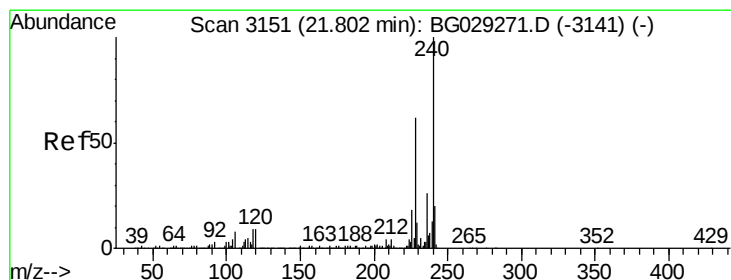
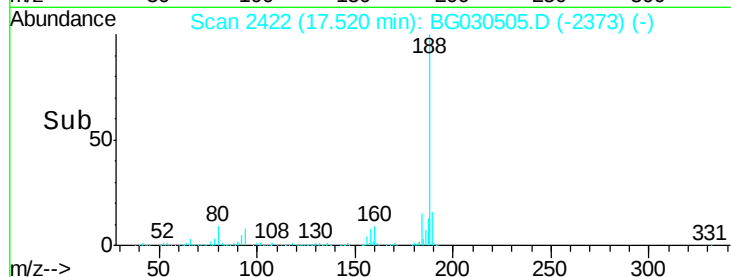
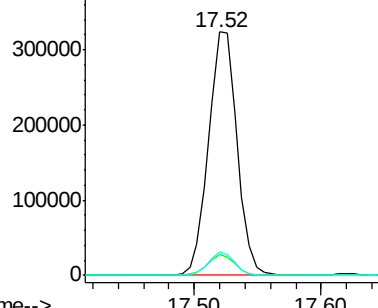
80 9.4 7.7 11.5



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. -0.00 min

Lab File: BG030505.D

Acq: 27 Oct 2017 20:03

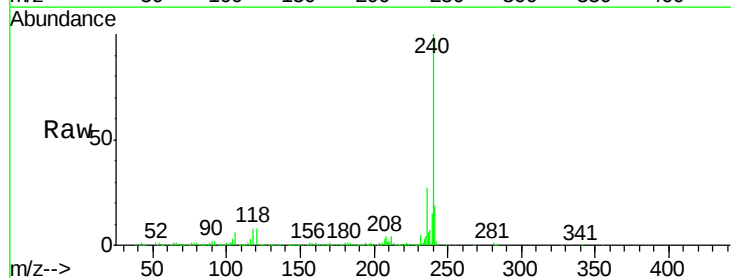
Tgt Ion:240 Resp: 542875

Ion Ratio Lower Upper

240 100

120 8.0 6.8 10.2

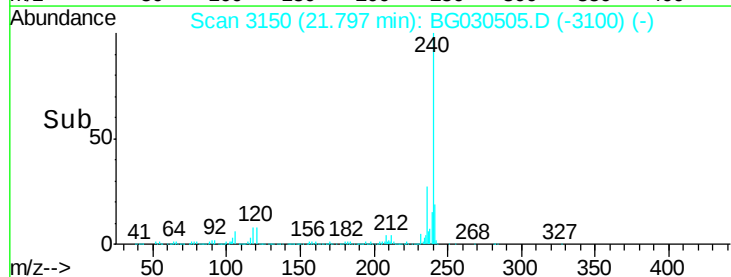
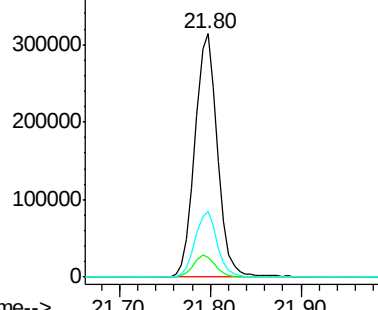
236 27.0 20.9 31.3

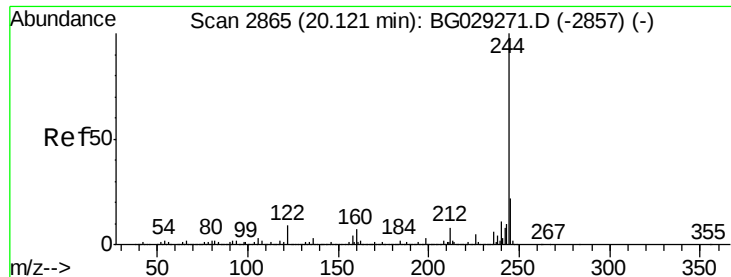


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 84.092 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG030505.D

Acq: 27 Oct 2017 20:03

Instrument :

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ClientSampleId :

6-MARION26KV-(2-3)

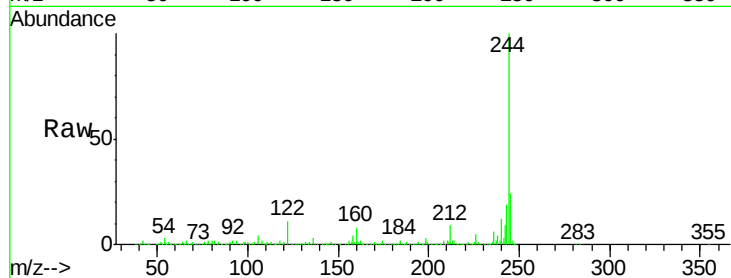
Tgt Ion:244 Resp: 2006723

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

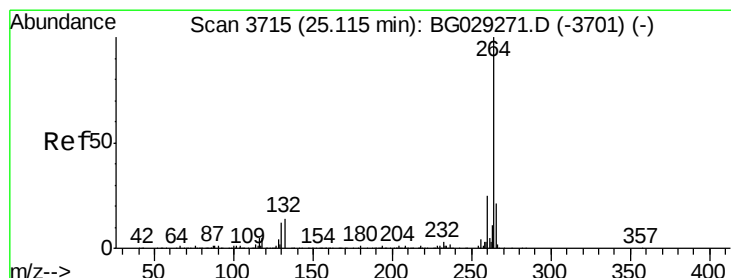
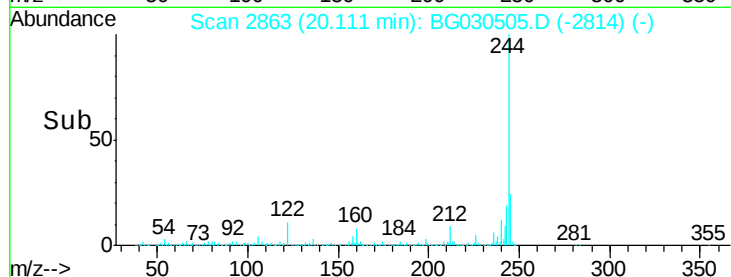
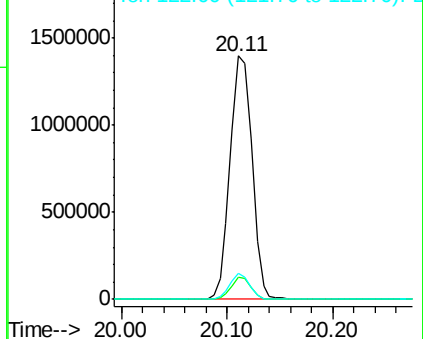
122 10.7 7.0 10.4#



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. -0.00 min

Lab File: BG030505.D

Acq: 27 Oct 2017 20:03

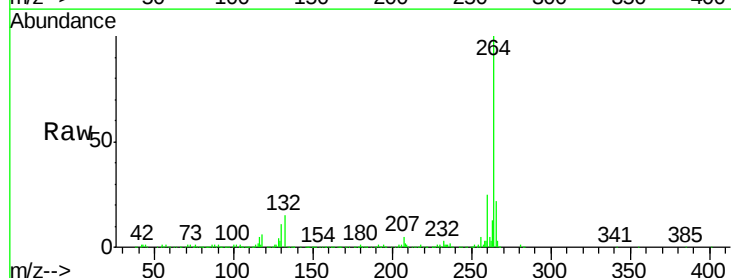
Tgt Ion:264 Resp: 526243

Ion Ratio Lower Upper

264 100

260 24.9 17.4 26.0

265 22.2 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

