

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102717\
 Data File : BG030504.D
 Acq On : 27 Oct 2017 19:23
 Operator : SJ/JU
 Sample : I6112-20
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Oct 27 20:10:31 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	71770	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	327291	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	213216	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	519038	20.00	ng	0.00
75) Chrysene-d12	21.80	240	561104	20.00	ng	0.00
86) Perylene-d12	25.11	264	555733	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	564197	131.33	ng	0.00
7) Phenol-d6	7.32	99	680038	112.77	ng	0.00
23) Nitrobenzene-d5	9.33	82	508155	98.66	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	380993	138.40	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1276784	87.83	ng	0.00
78) Terphenyl-d14	20.11	244	2095047	84.94	ng	0.00

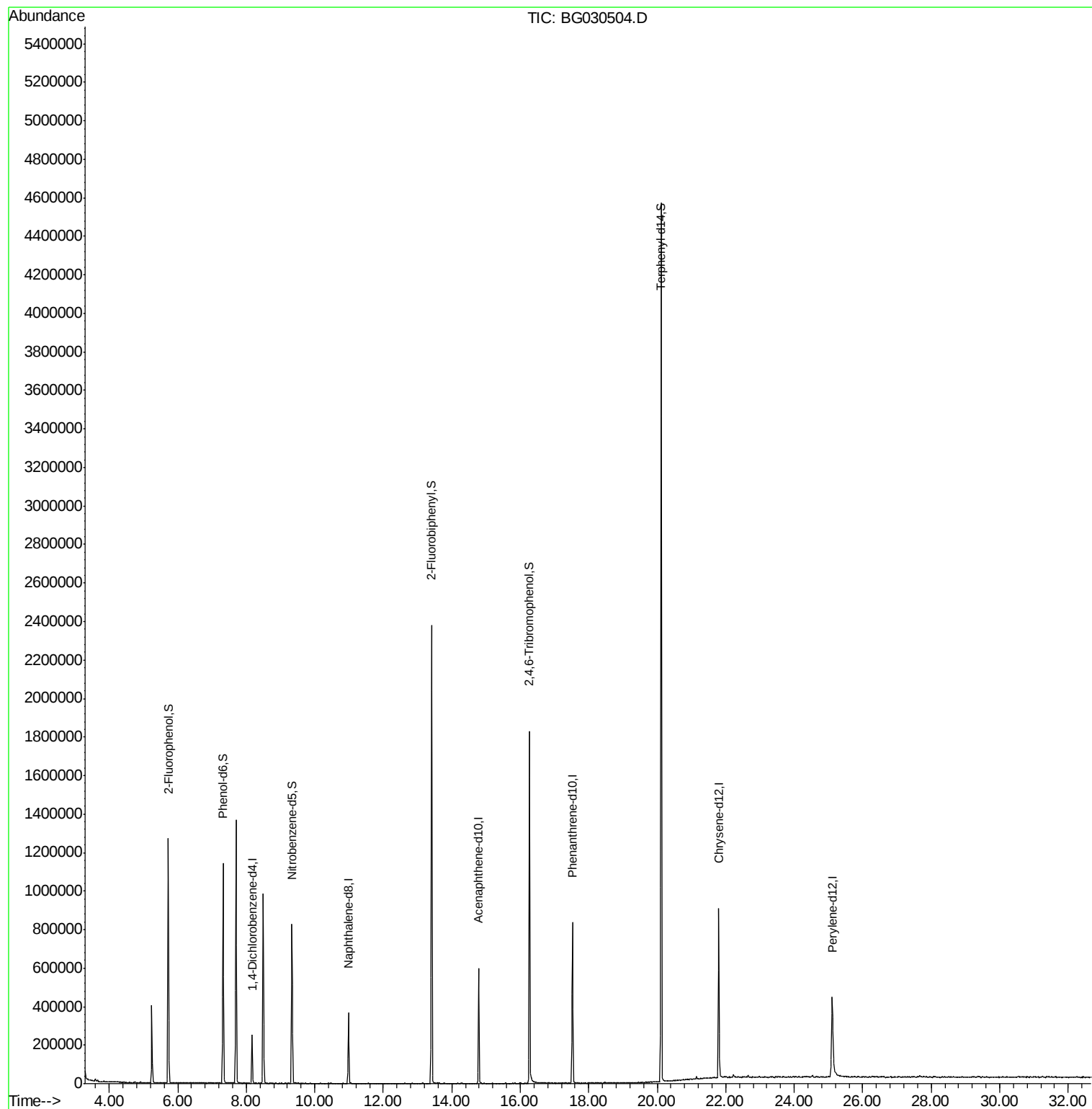
Target Compounds Qvalue

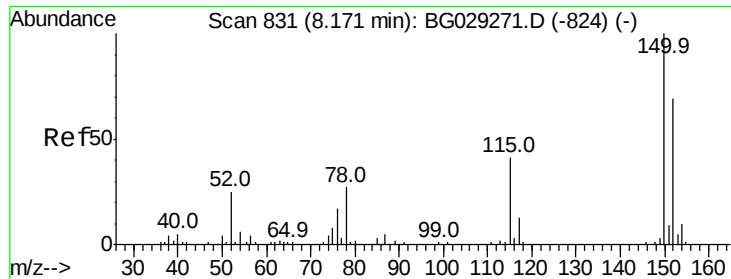
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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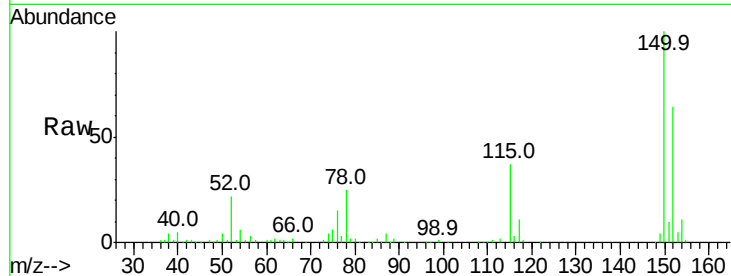


#1

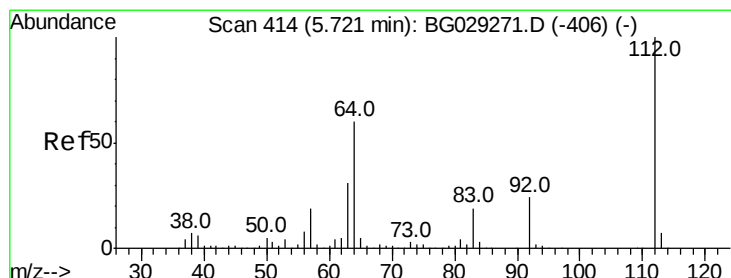
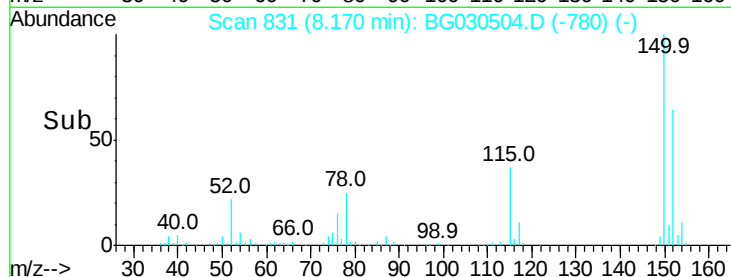
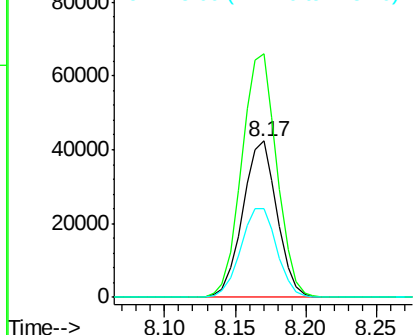
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 831
Delta R.T. -0.00 min
Lab File: BG030504.D
Acq: 27 Oct 2017 19:23

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

Tot Ion:152 Resp: 71770
Ion Ratio Lower Upper
152 100
150 156.0 126.6 189.8
115 57.1 53.0 79.4



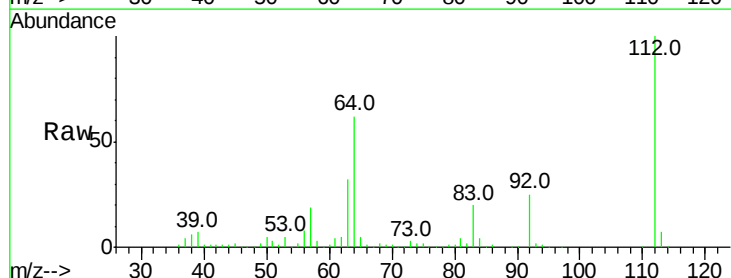
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



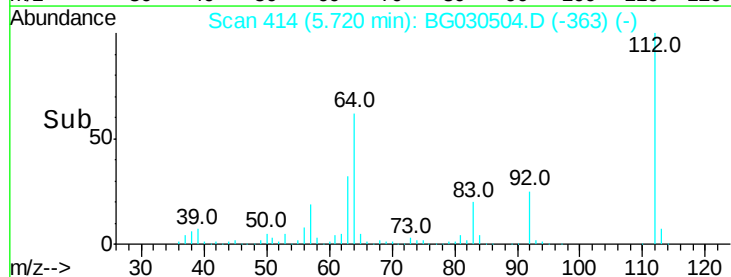
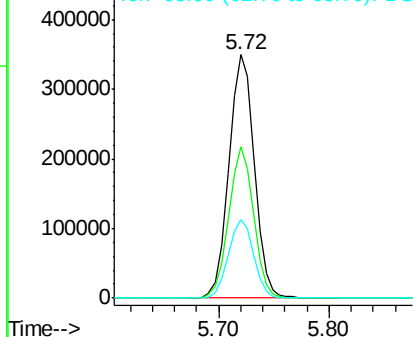
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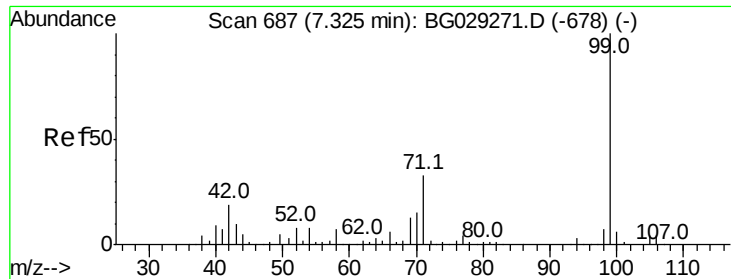
2-Fluorophenol
Concen: 131.325 ng
RT: 5.72 min Scan# 414
Delta R.T. -0.00 min
Lab File: BG030504.D
Acq: 27 Oct 2017 19:23

Tgt Ion:112 Resp: 564197
Ion Ratio Lower Upper
112 100
64 62.1 56.3 84.5
63 32.1 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: 112.769 ng

RT: 7.32 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG030504.D

Acq: 27 Oct 2017 19:23

Instrument :

BNA_G

ClientSampleId :

5-MARION26KV-(2-3)

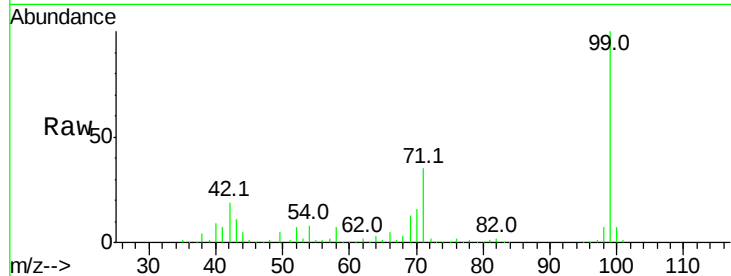
Tot Ion: 99 Resp: 680038

Ion Ratio Lower Upper

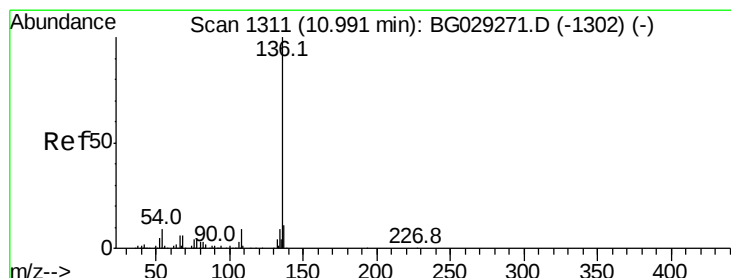
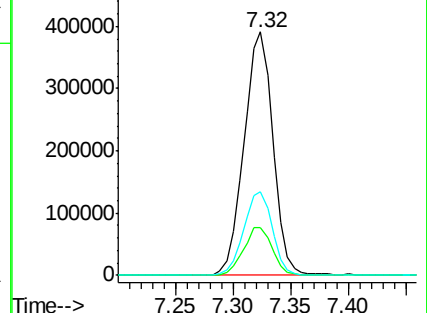
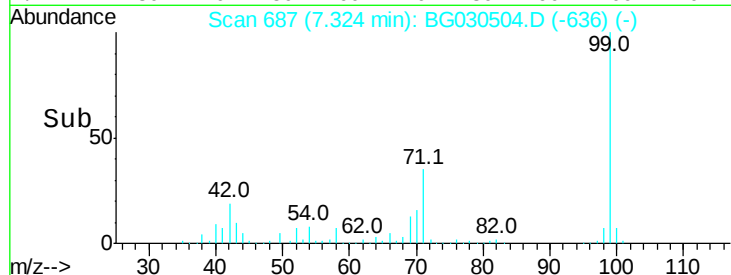
99 100

42 19.5 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: 10.98 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BG030504.D

Acq: 27 Oct 2017 19:23

Tgt Ion: 136 Resp: 327291

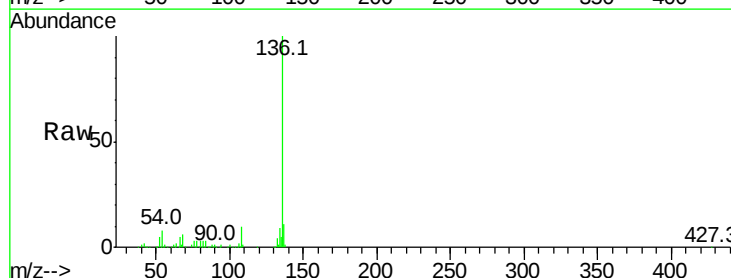
Ion Ratio Lower Upper

136 100

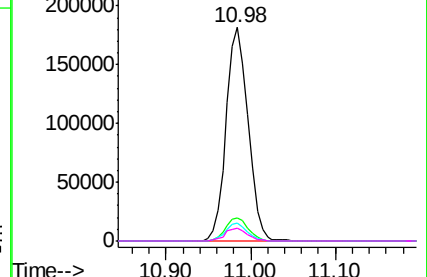
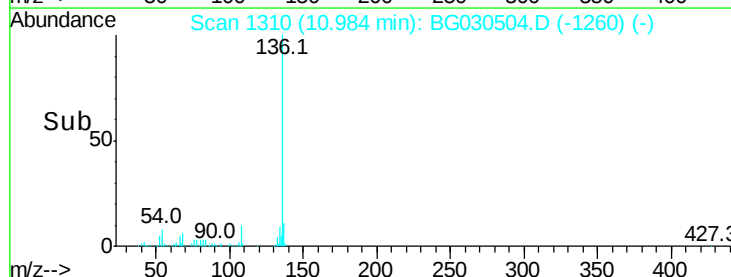
137 10.9 9.2 13.8

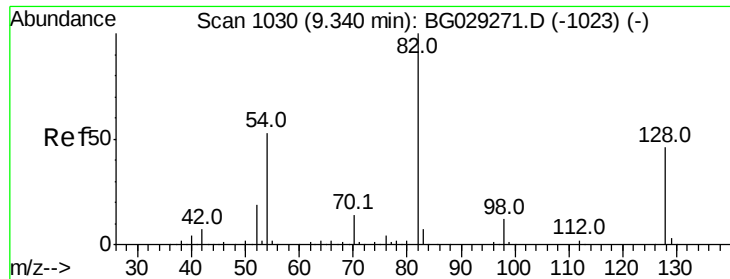
54 8.1 10.3 15.5#

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

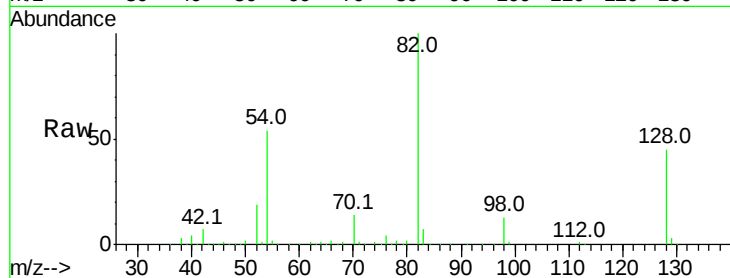




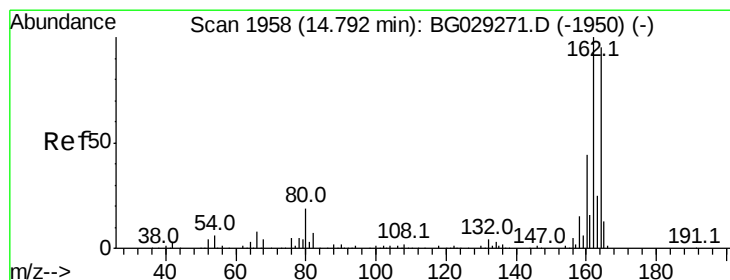
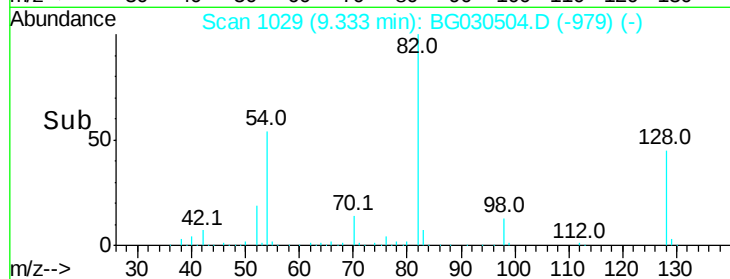
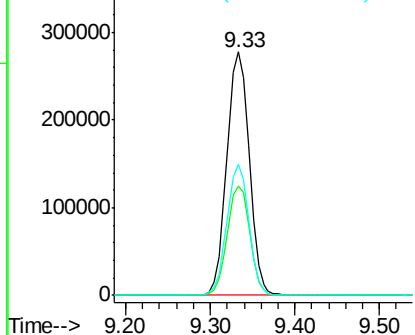
#23
 Nitrobenzene-d5
 Concen: 98.664 ng
 RT: 9.33 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG030504.D
 Acq: 27 Oct 2017 19:23

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

Tot Ion: 82 Resp: 508155
 Ion Ratio Lower Upper
 82 100
 128 45.0 29.7 44.5#
 54 53.9 43.1 64.7

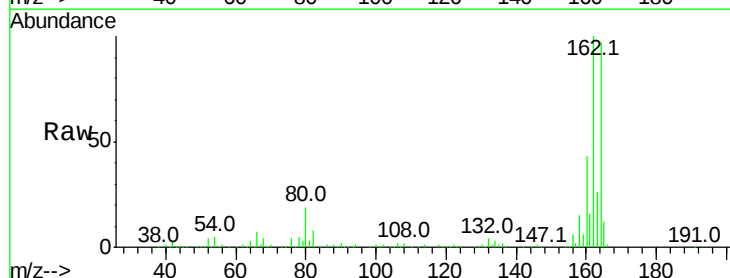


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

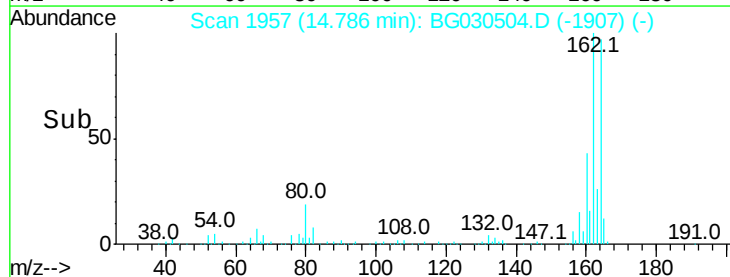
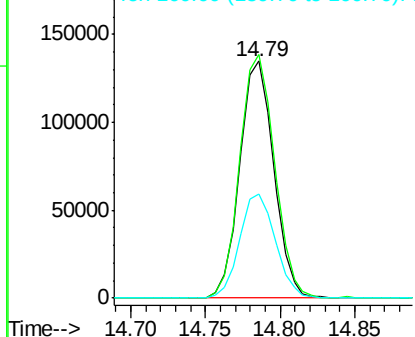


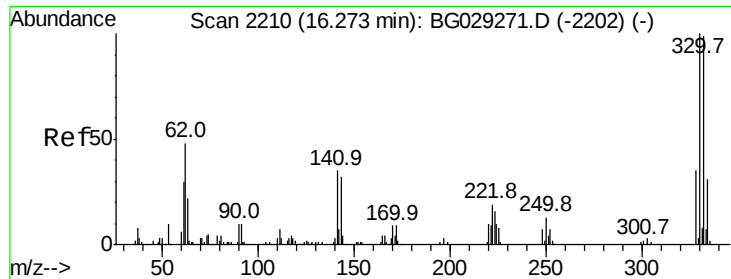
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BG030504.D
 Acq: 27 Oct 2017 19:23

Tgt Ion: 164 Resp: 213216
 Ion Ratio Lower Upper
 164 100
 162 102.9 78.8 118.2
 160 43.8 35.4 53.0



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

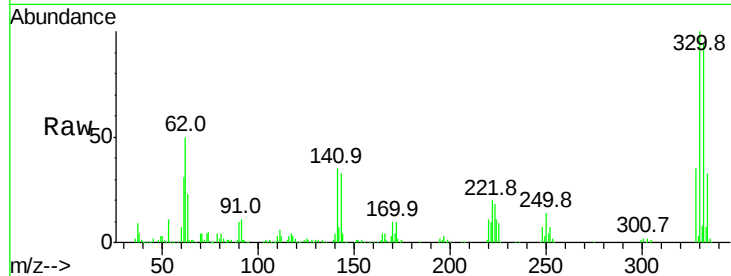




#41
 2,4,6-Tribromophenol
 Concen: 138.400 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG030504.D
 Acq: 27 Oct 2017 19:23

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	33.5	25.2	37.8

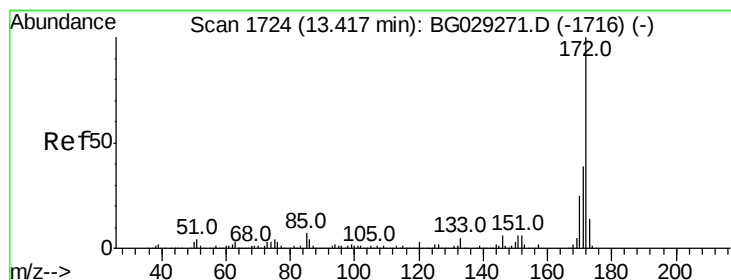
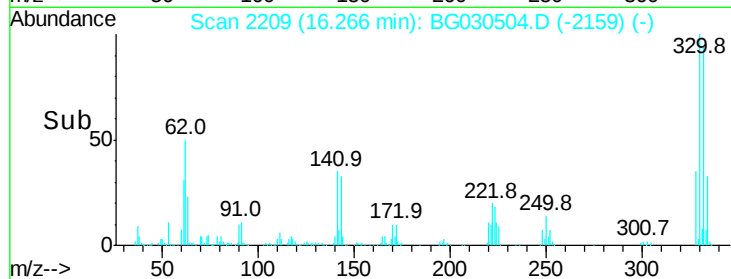
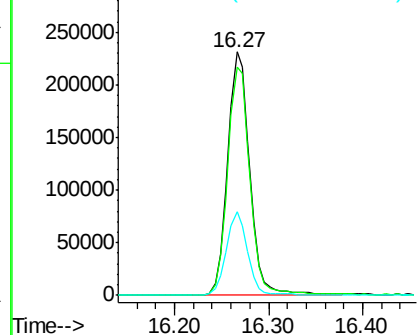


Abundance

Ion 329.80 (329.50 to 330.50): E

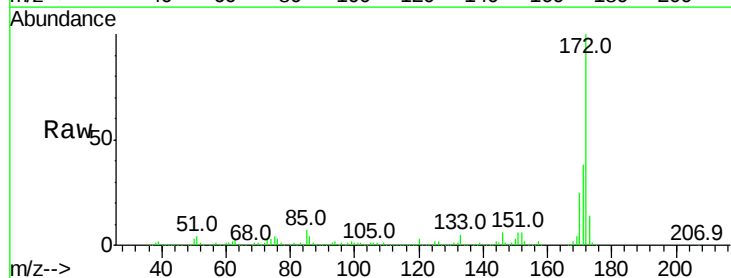
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.826 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG030504.D
 Acq: 27 Oct 2017 19:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	24.9	19.5	29.3

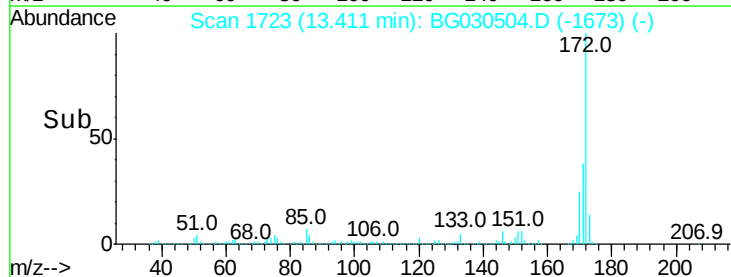
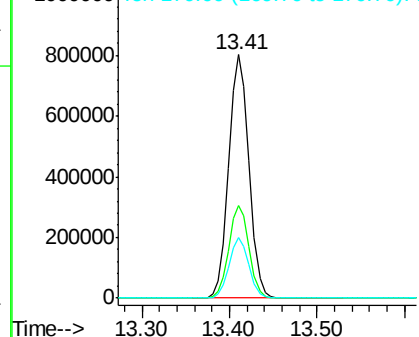


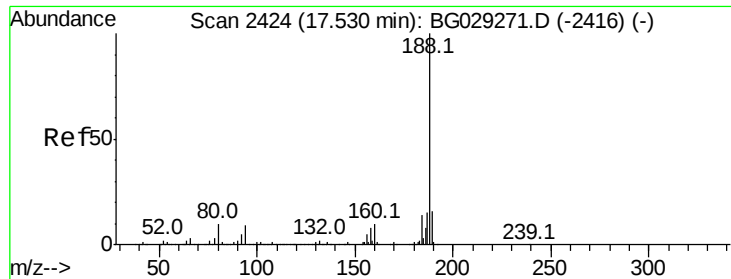
Abundance

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

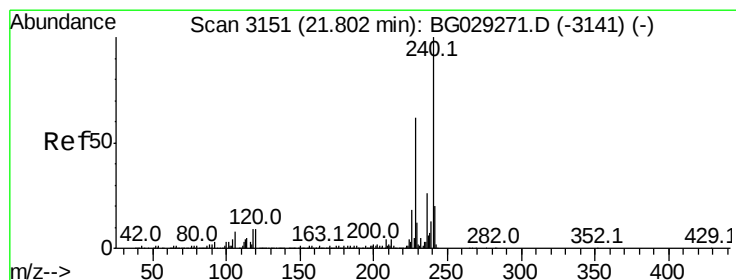
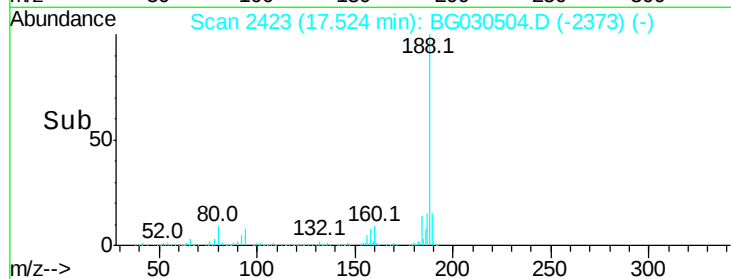
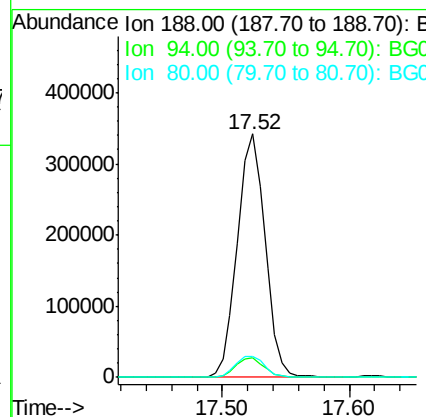
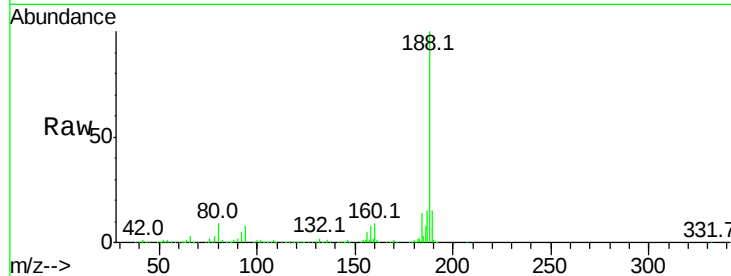




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2423
 Delta R.T. -0.01 min
 Lab File: BG030504.D
 Acq: 27 Oct 2017 19:23

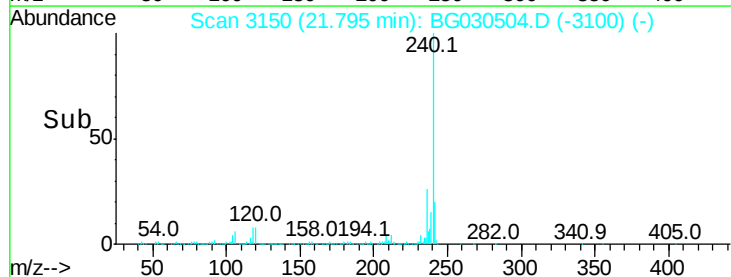
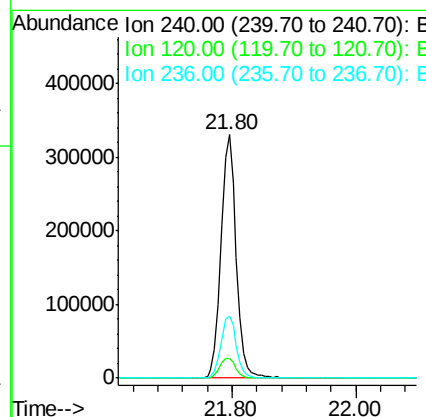
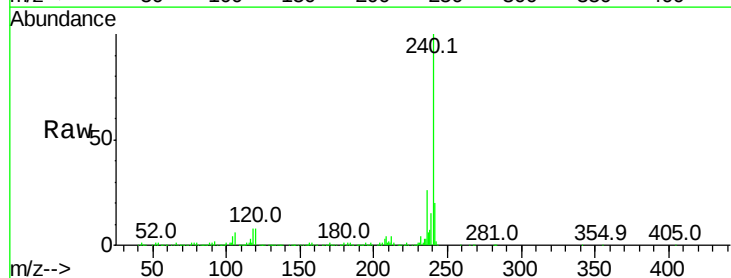
Instrument :
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 5-MARION26KV-(2-3)

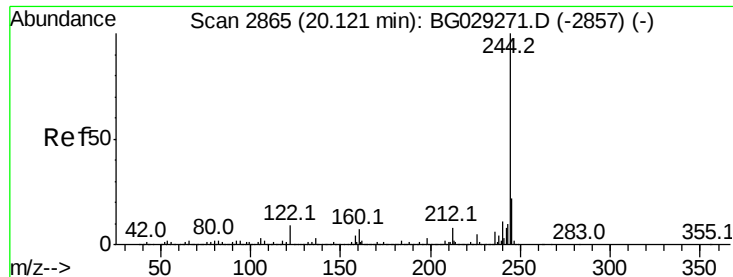
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.9	10.3
80	8.8	7.7	11.5



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.80 min Scan# 3150
 Delta R.T. -0.01 min
 Lab File: BG030504.D
 Acq: 27 Oct 2017 19:23

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.8	10.2
236	25.5	20.9	31.3





#78

Terphenyl-d14

Concen: 84.941 ng

RT: 20.11 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG030504.D

Acq: 27 Oct 2017 19:23

Instrument :

BNA_G

ClientSampleId :

5-MARION26KV-(2-3)

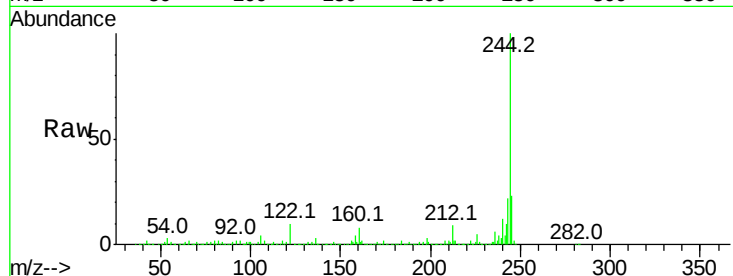
Tot Ion:244 Resp: 2095047

Ion Ratio Lower Upper

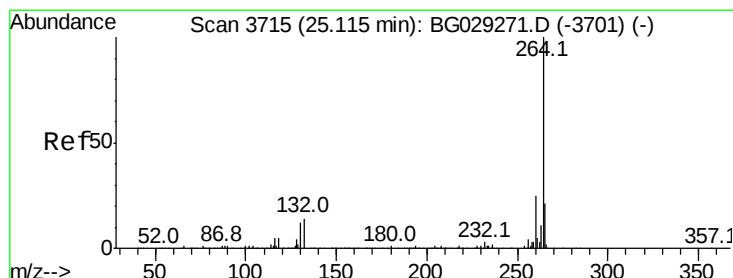
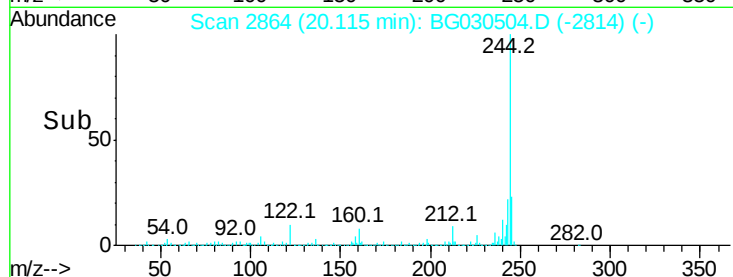
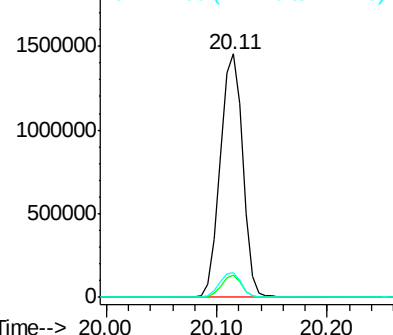
244 100

212 8.9 5.8 8.8#

122 10.1 7.0 10.4



Abundance Ion 244.00 (243.70 to 244.70): E
2000000
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: BG030504.D

Acq: 27 Oct 2017 19:23

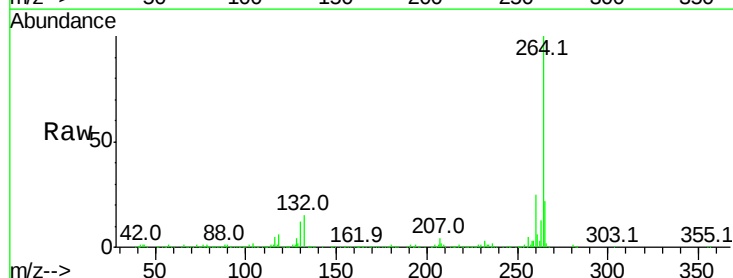
Tgt Ion:264 Resp: 555733

Ion Ratio Lower Upper

264 100

260 25.0 17.4 26.0

265 22.1 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
200000
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

