

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110117\
 Data File : BG030641.D
 Acq On : 1 Nov 2017 19:32
 Operator : SJ/JU
 Sample : I6199-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 01 20:45:09 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 17:41:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	80288	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	372798	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	250264	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	567974	20.00	ng	0.00
75) Chrysene-d12	21.78	240	640949	20.00	ng	0.00
86) Perylene-d12	25.09	264	640896	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	222905	46.38	ng	0.00
7) Phenol-d6	7.32	99	194024	28.76	ng	0.00
23) Nitrobenzene-d5	9.32	82	544971	92.90	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	298164	92.28	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	1506347	88.28	ng	0.00
78) Terphenyl-d14	20.11	244	2375575	84.32	ng	0.00

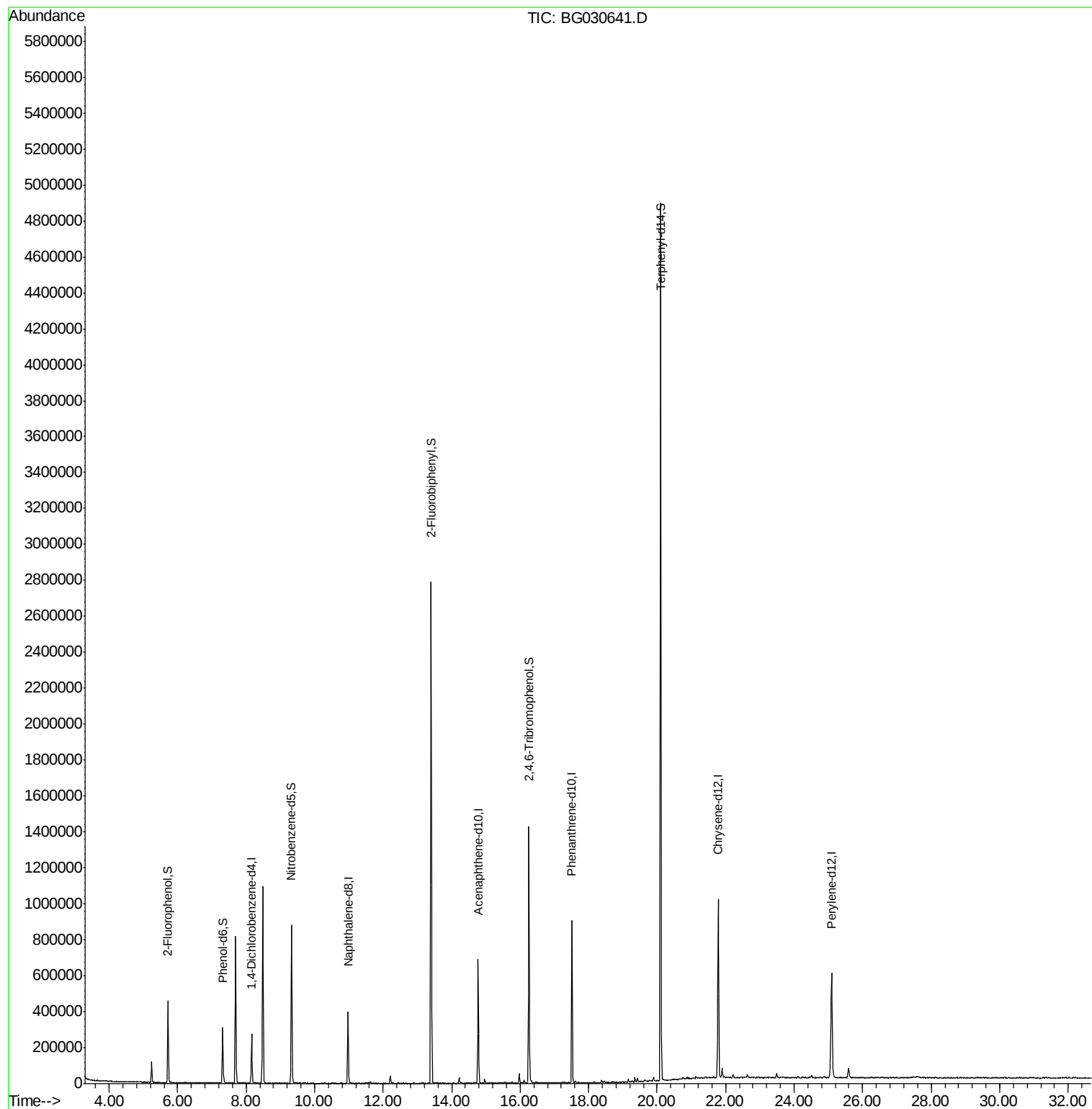
Target Compounds Qvalue

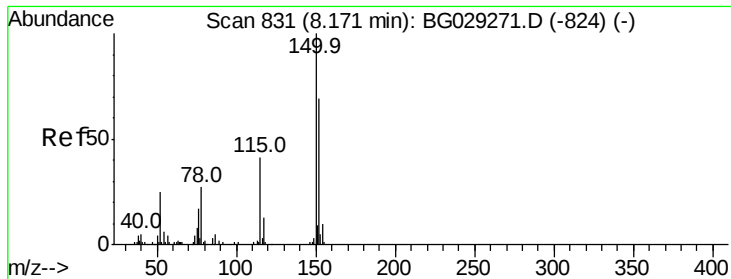
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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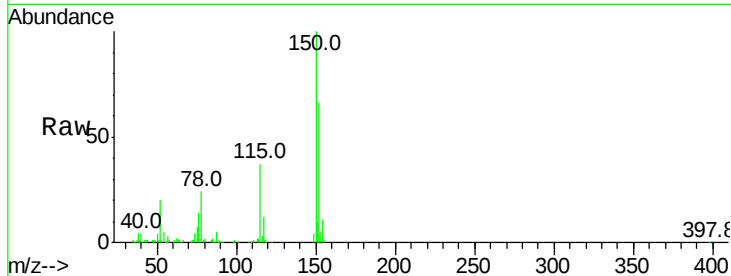


#1

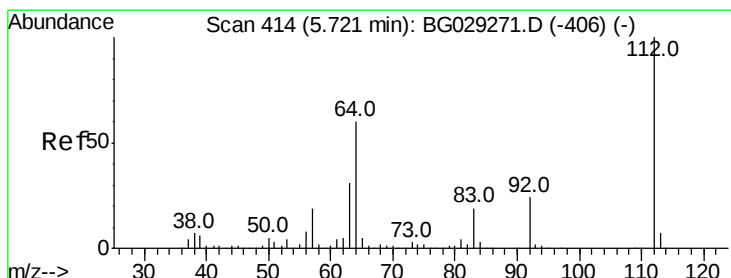
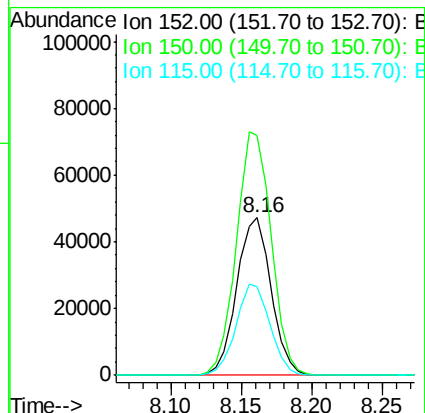
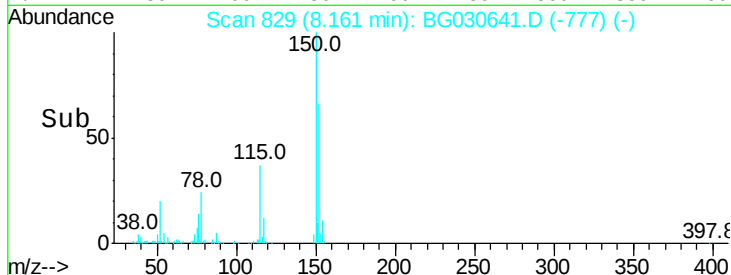
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 829
Delta R.T. 0.00 min
Lab File: BG030641.D
Acq: 1 Nov 2017 19:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 80288
Ion Ratio Lower Upper
152 100
150 152.2 126.6 189.8
115 56.7 53.0 79.4



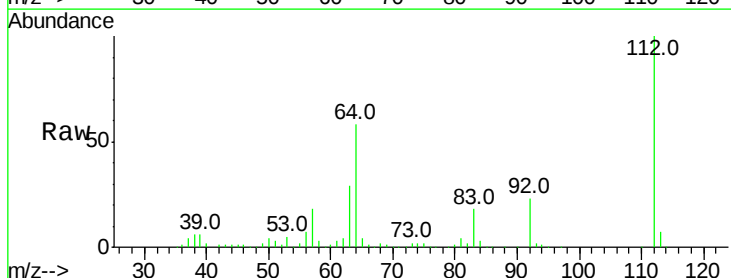
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



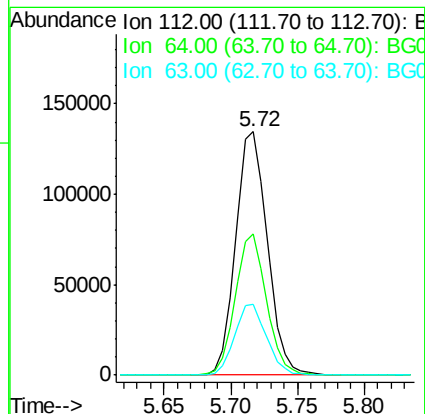
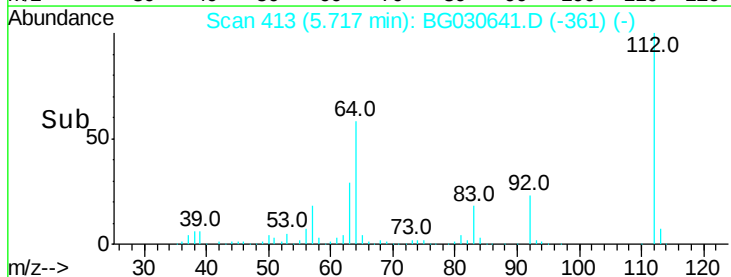
#5

2-Fluorophenol
Concen: 46.380 ng
RT: 5.72 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG030641.D
Acq: 1 Nov 2017 19:32

Tgt Ion:112 Resp: 222905
Ion Ratio Lower Upper
112 100
64 57.9 56.3 84.5
63 28.9 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 28.761 ng

RT: 7.32 min Scan# 685

Delta R.T. -0.00 min

Lab File: BG030641.D

Acq: 1 Nov 2017 19:32

Instrument :

BNA_G

ClientSampled :

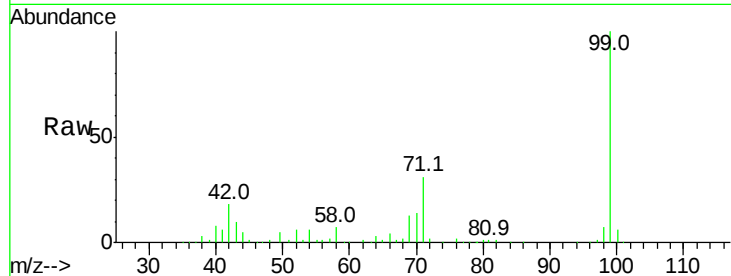
Tot Ion: 99 Resp: 194024

Ion Ratio Lower Upper

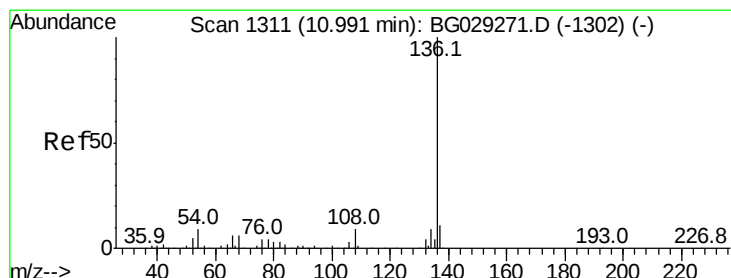
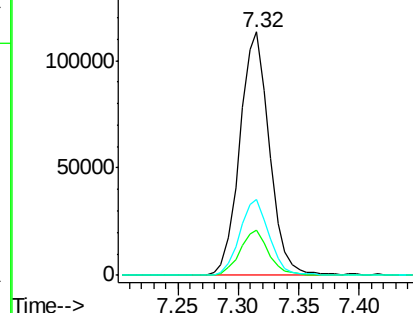
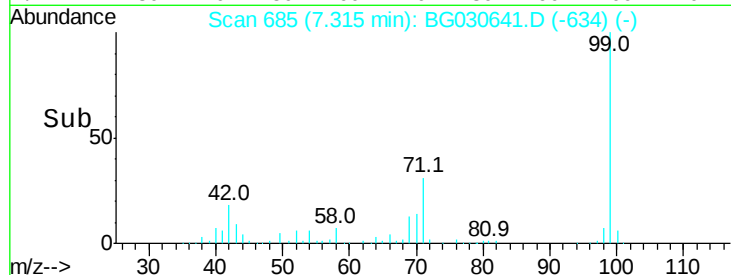
99 100

42 18.3 14.1 21.1

71 30.9 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# 1308

Delta R.T. 0.00 min

Lab File: BG030641.D

Acq: 1 Nov 2017 19:32

Tgt Ion: 136 Resp: 372798

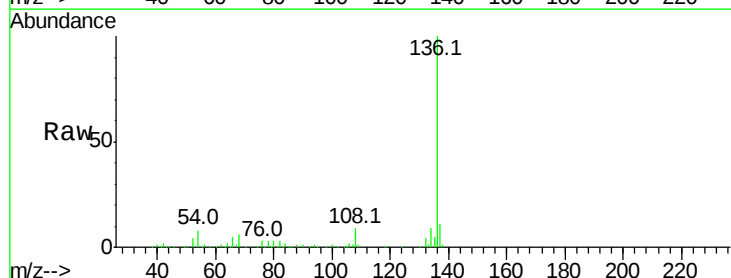
Ion Ratio Lower Upper

136 100

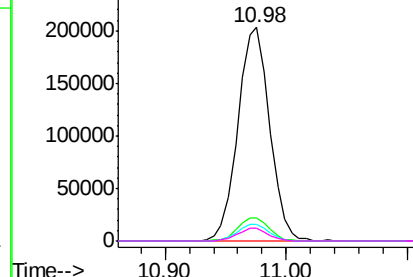
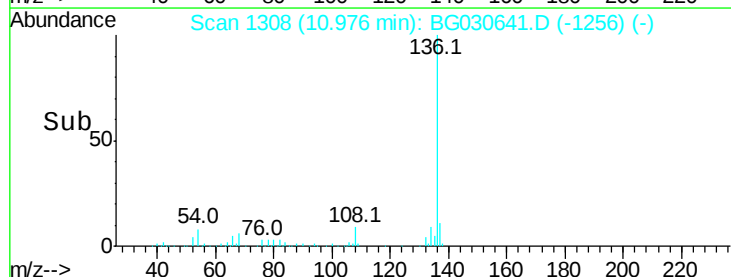
137 10.5 9.2 13.8

54 7.6 10.3 15.5#

68 5.9 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

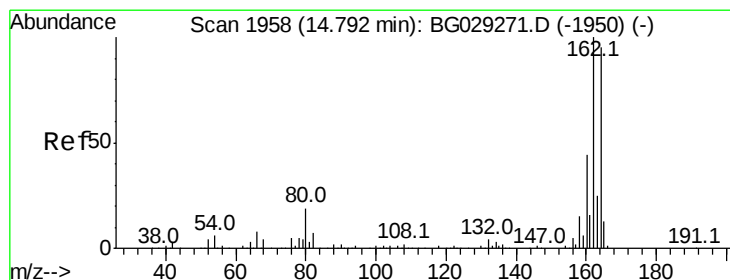
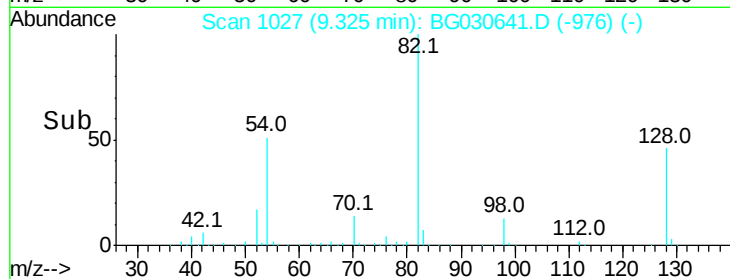
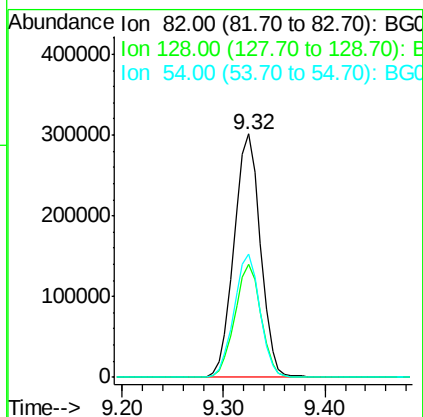
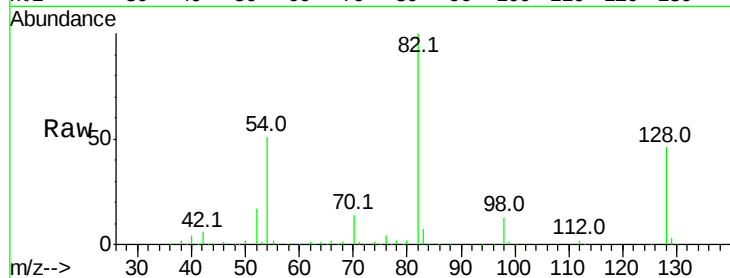




#23
 Nitrobenzene-d5
 Concen: 92.896 ng
 RT: 9.32 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BG030641.D
 Acq: 1 Nov 2017 19:32

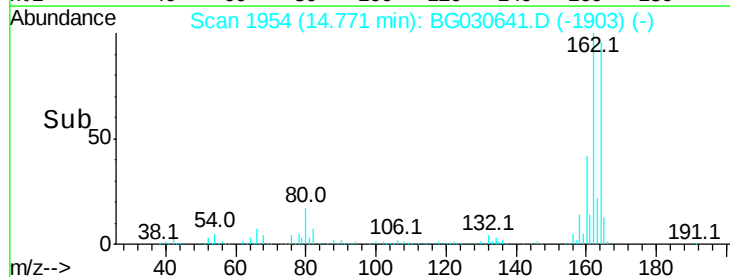
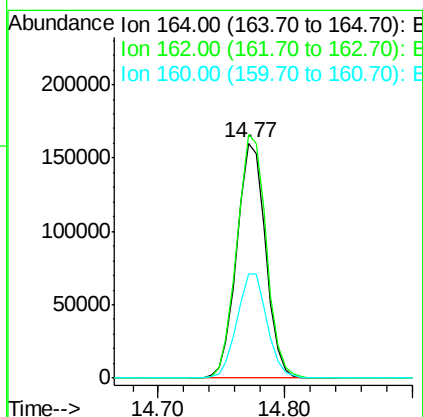
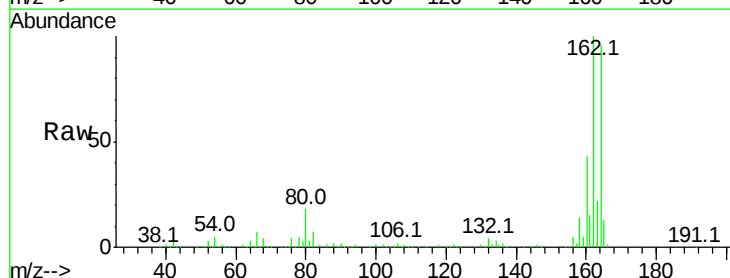
Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 82 Resp: 544971
 Ion Ratio Lower Upper
 82 100
 128 46.2 29.7 44.5#
 54 50.8 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1954
 Delta R.T. -0.00 min
 Lab File: BG030641.D
 Acq: 1 Nov 2017 19:32

Tgt Ion:164 Resp: 250264
 Ion Ratio Lower Upper
 164 100
 162 103.6 78.8 118.2
 160 44.5 35.4 53.0

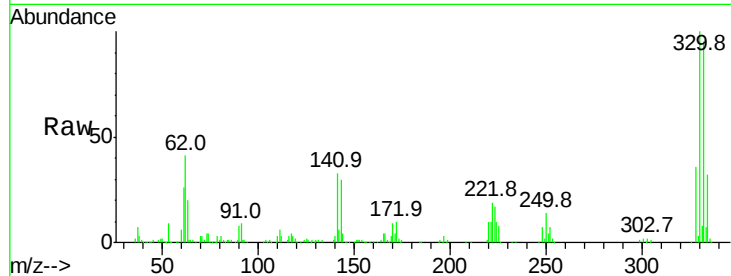




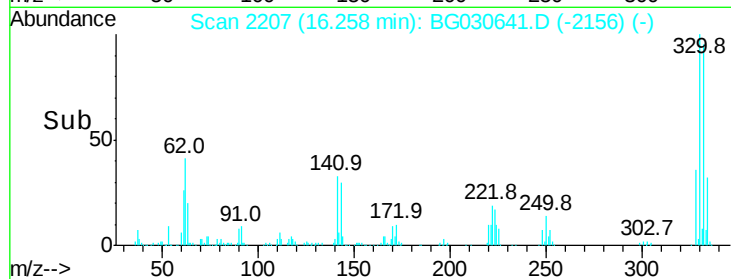
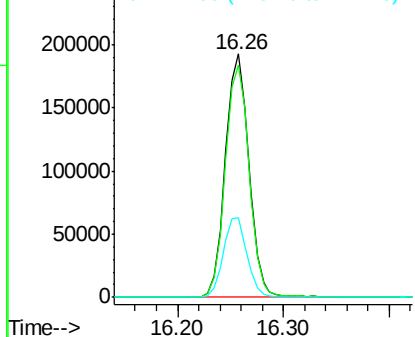
#41
 2,4,6-Tribromophenol
 Concen: 92.278 ng
 RT: 16.26 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BG030641.D
 Acq: 1 Nov 2017 19:32

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 298164
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 33.2 25.2 37.8

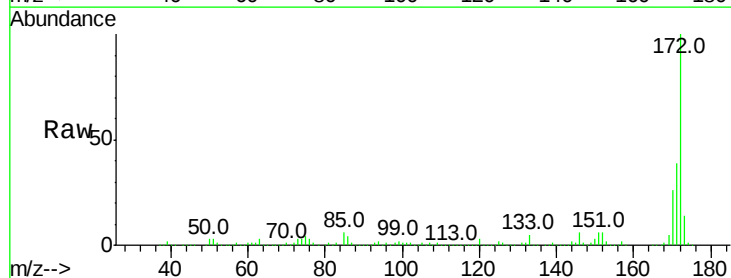


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

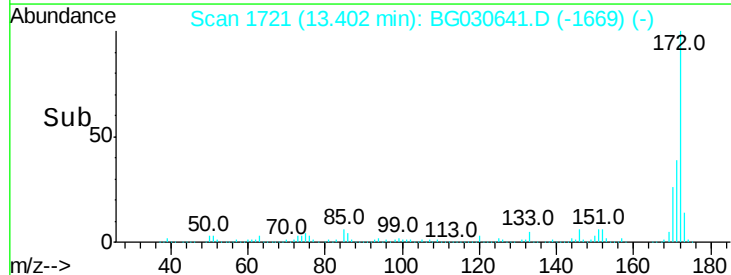
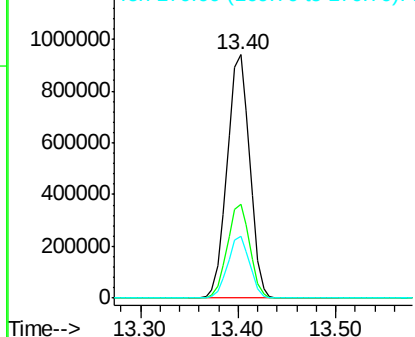


#44
 2-Fluorobiphenyl
 Concen: 88.278 ng
 RT: 13.40 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: BG030641.D
 Acq: 1 Nov 2017 19:32

Tgt Ion:172 Resp: 1506347
 Ion Ratio Lower Upper
 172 100
 171 38.8 30.0 45.0
 170 25.6 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

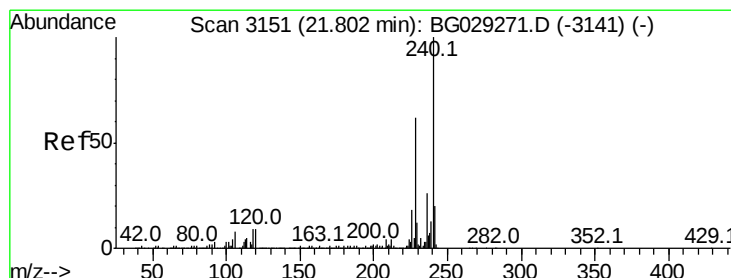
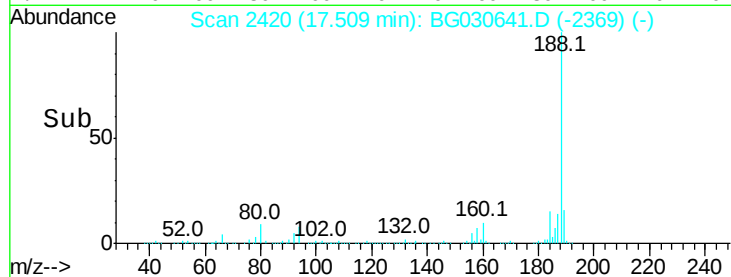
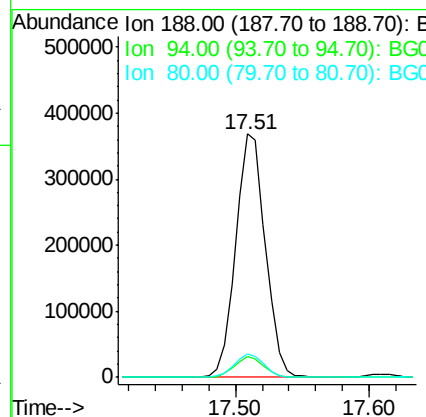
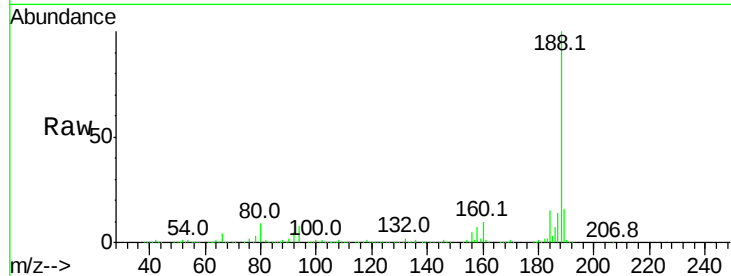




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2420
 Delta R.T. -0.00 min
 Lab File: BG030641.D
 Acq: 1 Nov 2017 19:32

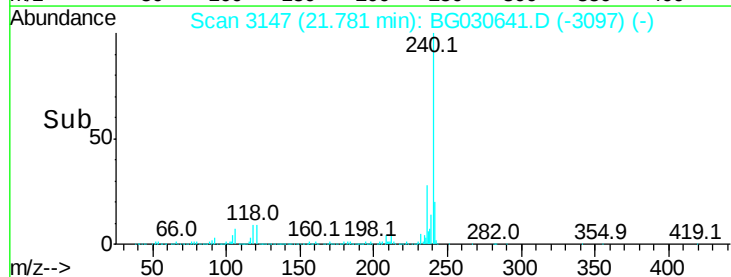
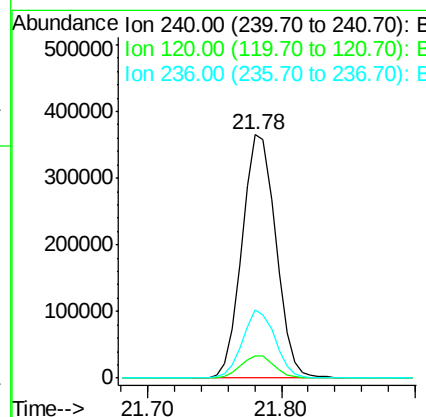
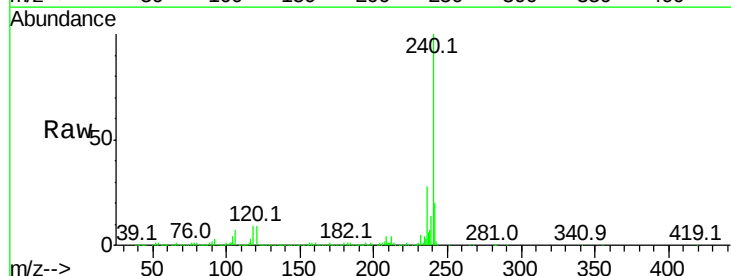
Instrument :
 BNA_G
 ClientSampleId :

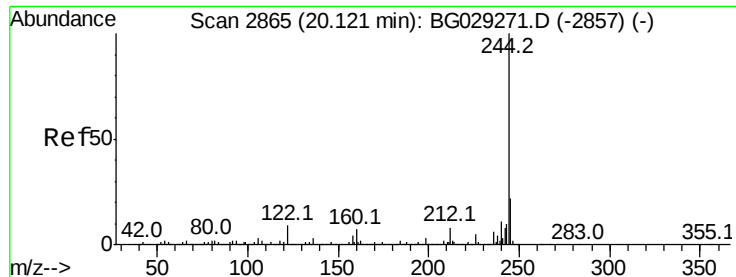
Tot Ion:188 Resp: 567974
 Ion Ratio Lower Upper
 188 100
 94 8.4 6.9 10.3
 80 9.4 7.7 11.5



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.78 min Scan# 3147
 Delta R.T. -0.01 min
 Lab File: BG030641.D
 Acq: 1 Nov 2017 19:32

Tgt Ion:240 Resp: 640949
 Ion Ratio Lower Upper
 240 100
 120 9.1 6.8 10.2
 236 28.0 20.9 31.3





#78

Terphenyl-d14

Concen: 84.317 ng

RT: 20.11 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG030641.D

Acq: 1 Nov 2017 19:32

Instrument :

BNA_G

ClientSampleId :

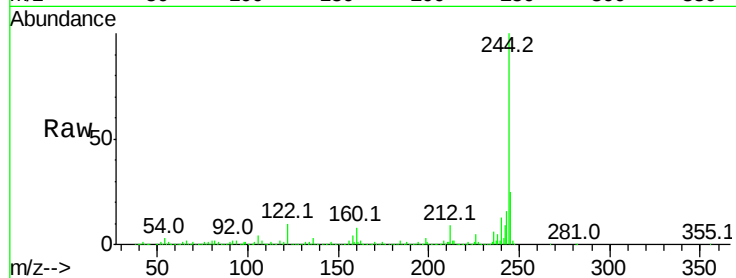
Tot Ion:244 Resp: 2375575

Ion Ratio Lower Upper

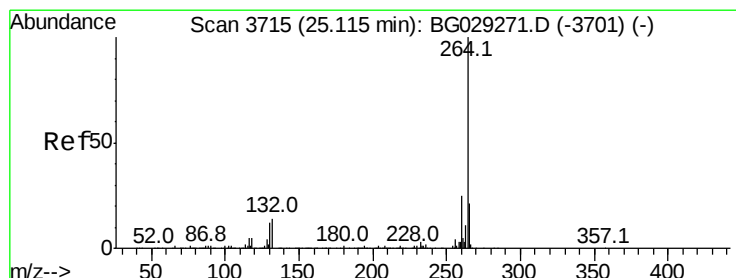
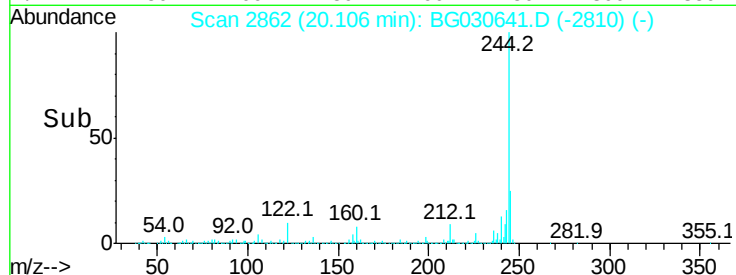
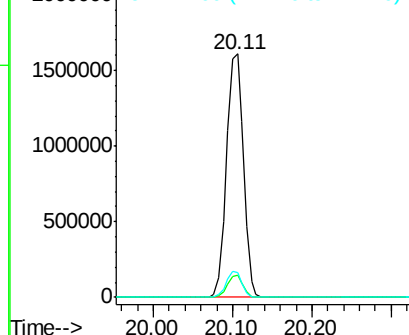
244 100

212 8.9 5.8 8.8#

122 10.4 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: 25.09 min Scan# 3711

Delta R.T. -0.00 min

Lab File: BG030641.D

Acq: 1 Nov 2017 19:32

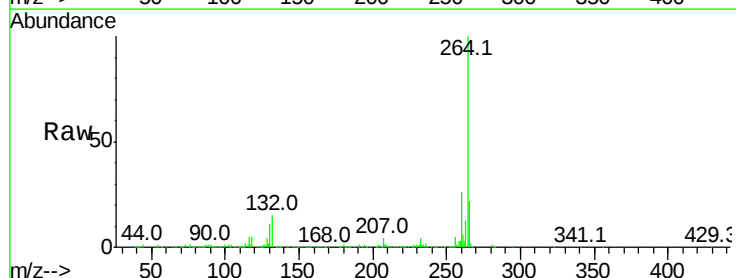
Tgt Ion:264 Resp: 640896

Ion Ratio Lower Upper

264 100

260 25.7 17.4 26.0

265 21.7 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

