

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111117\
 Data File : BG030952.D
 Acq On : 11 Nov 2017 20:53
 Operator : SJ/JU
 Sample : PB104196BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 13 03:22:54 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	40560	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	165817	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	122677	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	354198	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	444578	20.00	ng	-0.01
86) Perylene-d12	25.07	264	438649	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	198944	84.11	ng	0.00
7) Phenol-d6	7.31	99	251293	78.86	ng	0.00
23) Nitrobenzene-d5	9.30	82	144090	51.49	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	133796	67.42	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	462594	54.18	ng	-0.02
78) Terphenyl-d14	20.09	244	1059648	52.63	ng	0.00

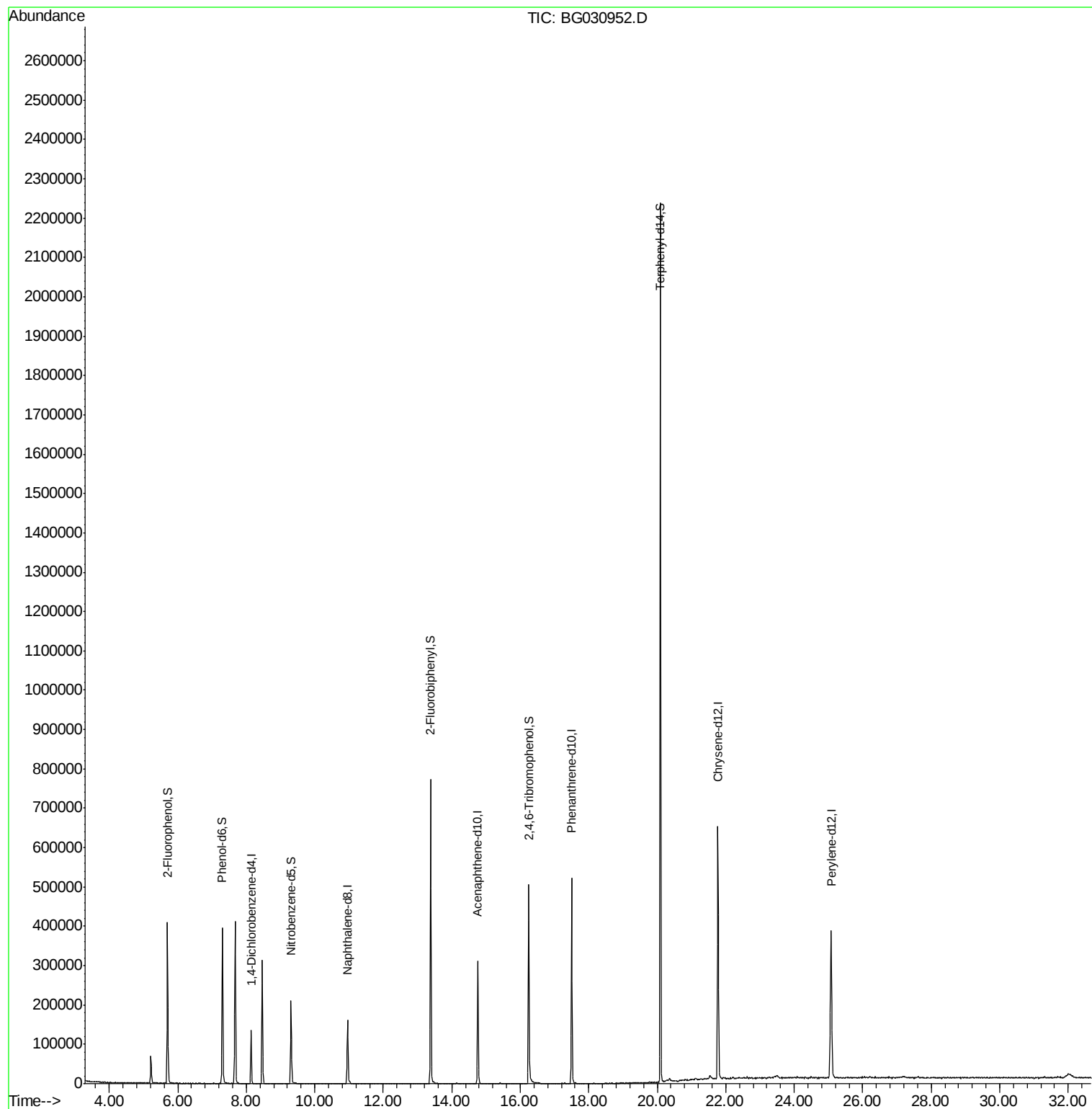
Target Compounds Qvalue

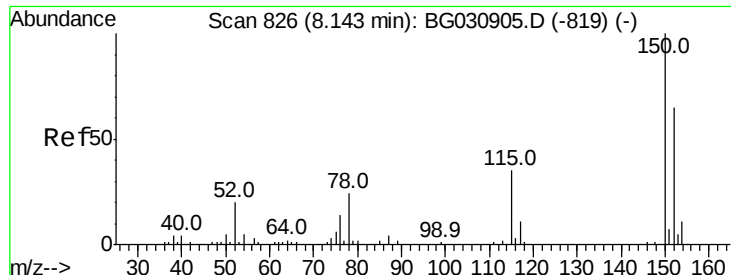
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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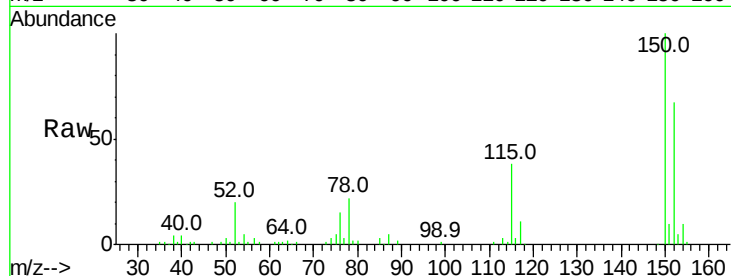


#1

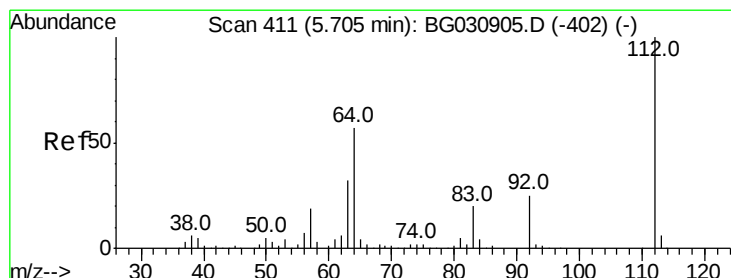
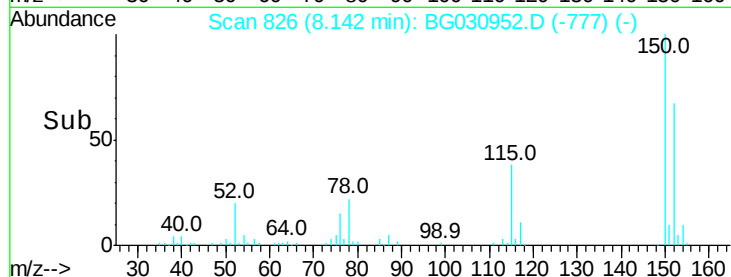
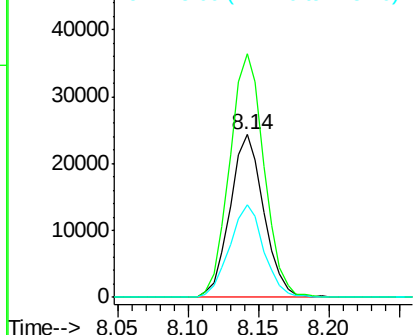
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG030952.D
Acq: 11 Nov 2017 20:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 40560
Ion Ratio Lower Upper
152 100
150 149.5 126.6 189.8
115 57.0 53.0 79.4



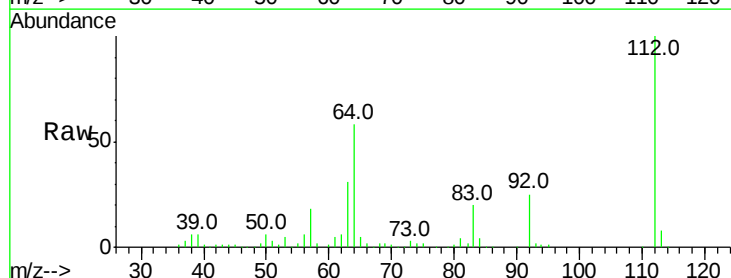
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



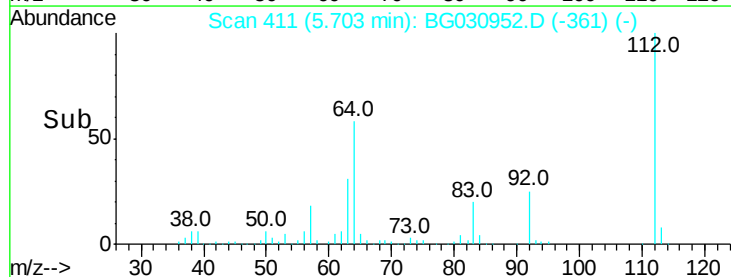
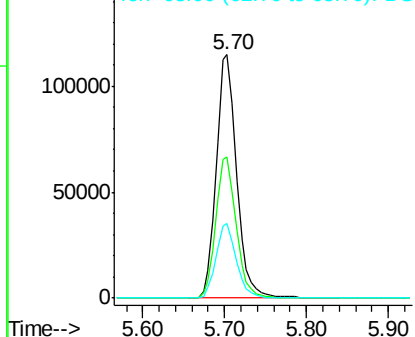
#5

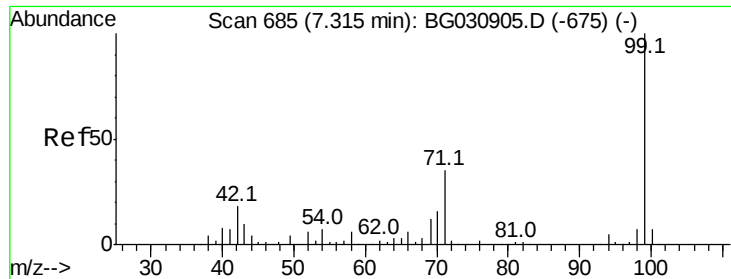
2-Fluorophenol
Concen: 84.108 ng
RT: 5.70 min Scan# 411
Delta R.T. -0.00 min
Lab File: BG030952.D
Acq: 11 Nov 2017 20:53

Tgt Ion:112 Resp: 198944
Ion Ratio Lower Upper
112 100
64 58.0 56.3 84.5
63 30.5 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: 78.858 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG030952.D

Acq: 11 Nov 2017 20:53

Instrument :

BNA_G

ClientSampleId :

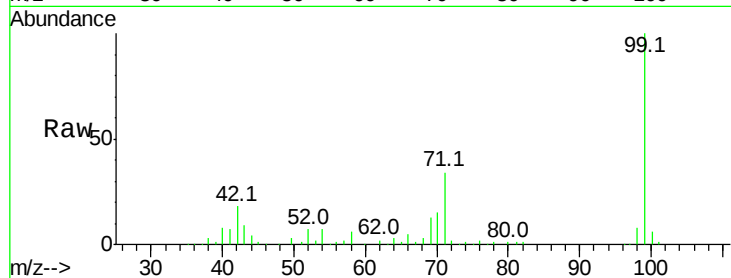
Tot Ion: 99 Resp: 251293

Ion Ratio Lower Upper

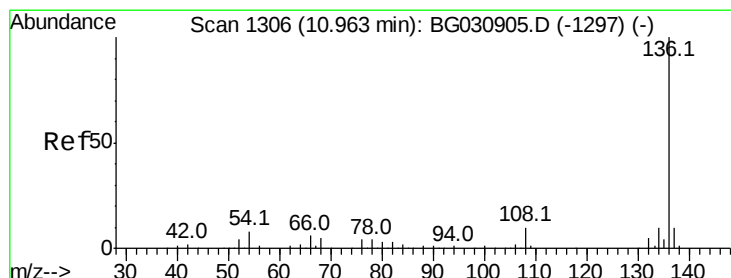
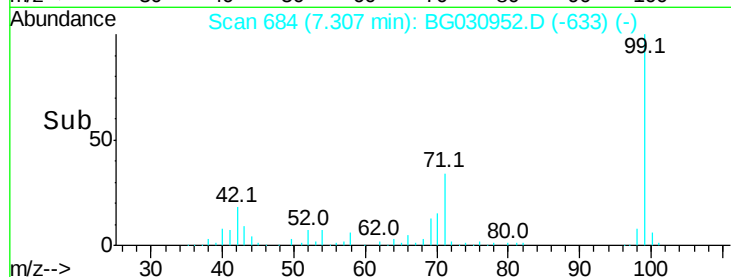
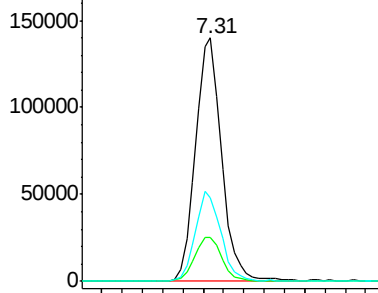
99 100

42 18.0 14.1 21.1

71 34.2 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: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG030952.D

Acq: 11 Nov 2017 20:53

Tgt Ion: 136 Resp: 165817

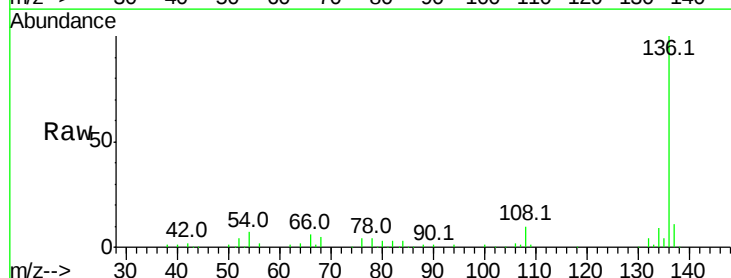
Ion Ratio Lower Upper

136 100

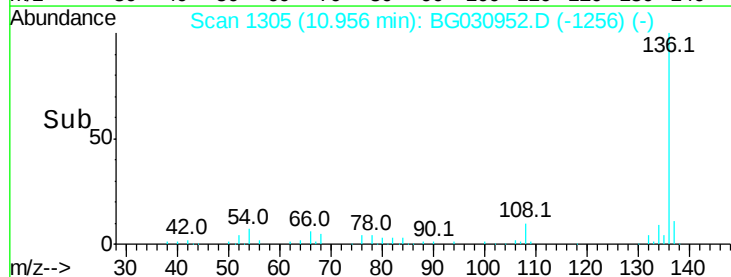
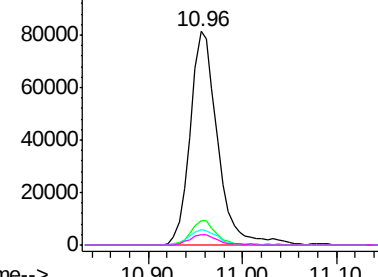
137 11.4 9.2 13.8

54 7.3 10.3 15.5#

68 4.9 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

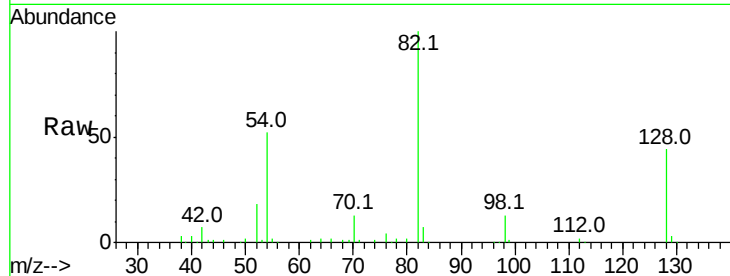




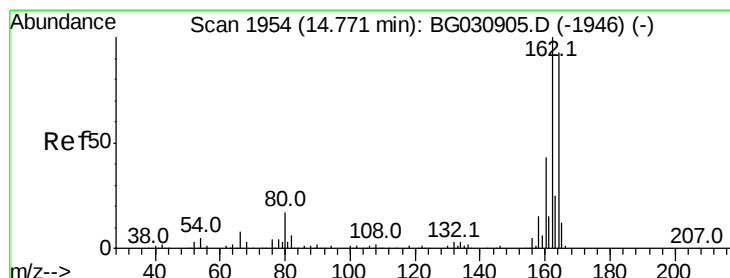
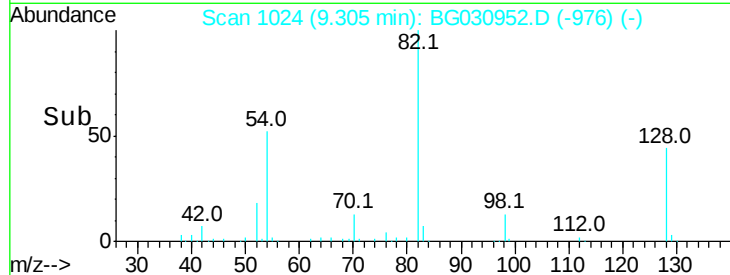
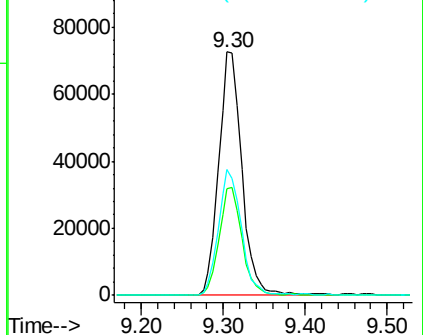
#23
 Nitrobenzene-d5
 Concen: 51.492 ng
 RT: 9.30 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BG030952.D
 Acq: 11 Nov 2017 20:53

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.7	29.7	44.5
54	51.7	43.1	64.7

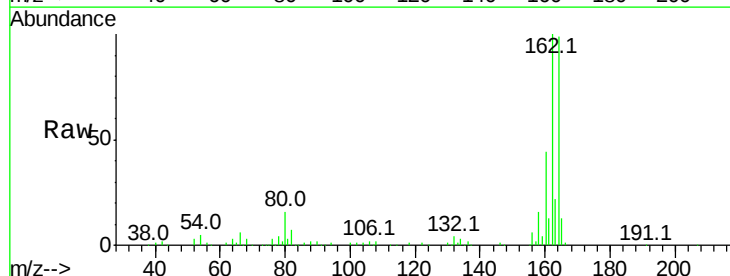


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

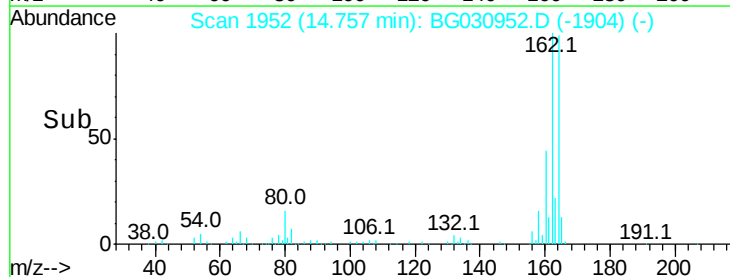
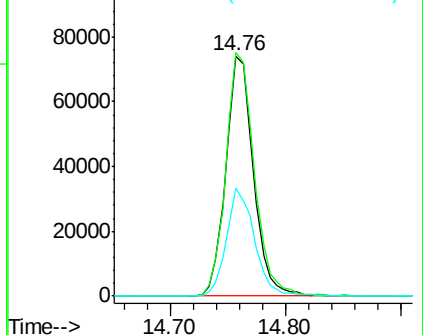


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1952
 Delta R.T. -0.02 min
 Lab File: BG030952.D
 Acq: 11 Nov 2017 20:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	78.8	118.2
160	45.1	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

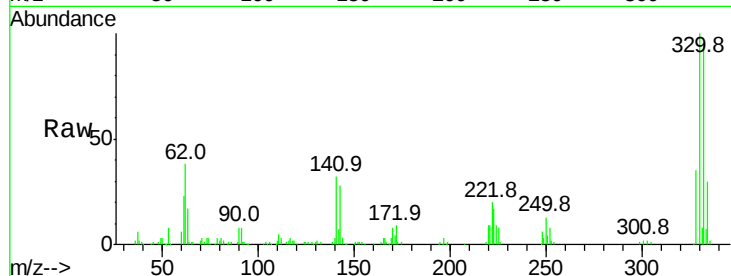




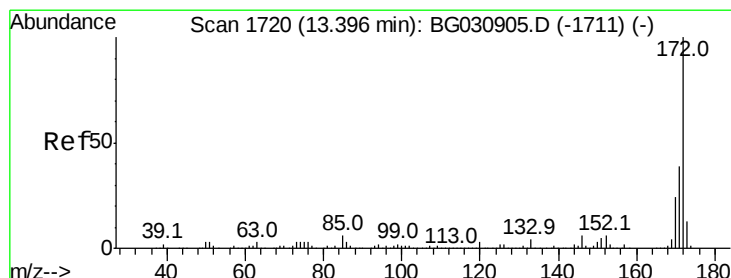
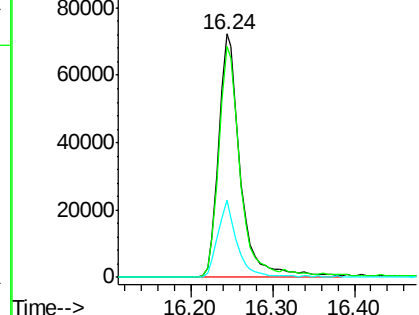
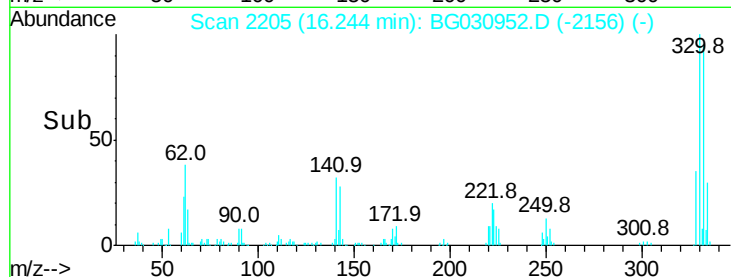
#41
 2,4,6-Tribromophenol
 Concen: 67.420 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG030952.D
 Acq: 11 Nov 2017 20:53

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	91.4	77.0	115.6
141	27.7	25.2	37.8

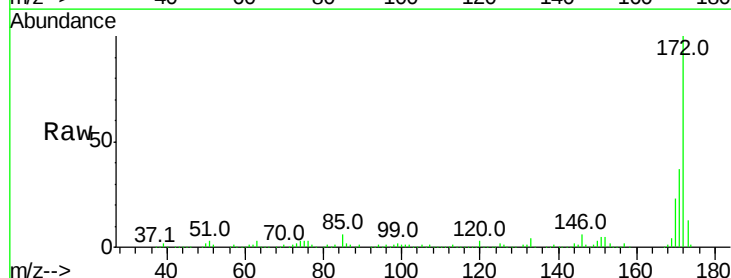


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

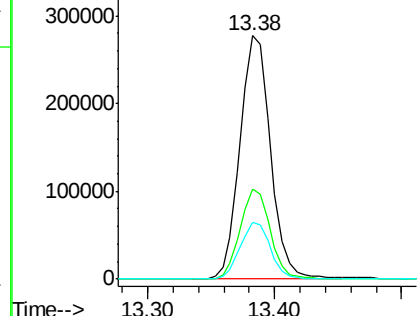
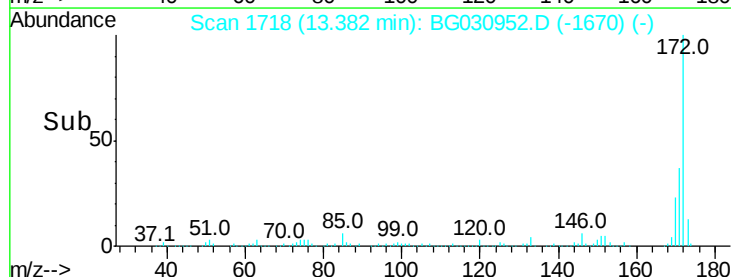


#44
 2-Fluorobiphenyl
 Concen: 54.183 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG030952.D
 Acq: 11 Nov 2017 20:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.0	45.0
170	23.1	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: 17.50 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG030952.D

Acq: 11 Nov 2017 20:53

Instrument :

BNA_G

ClientSampled :

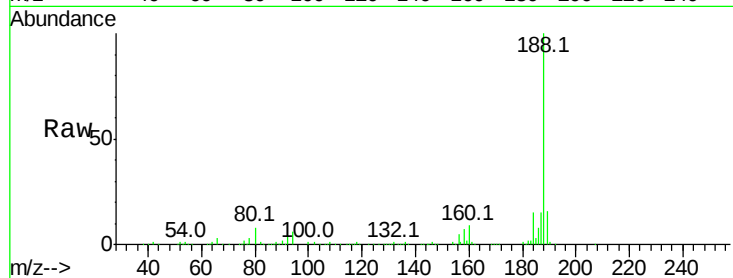
Tot Ion:188 Resp: 354198

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

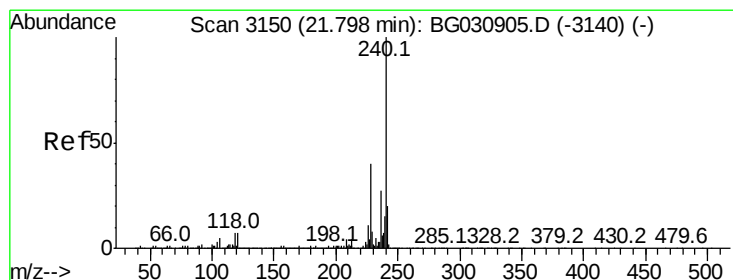
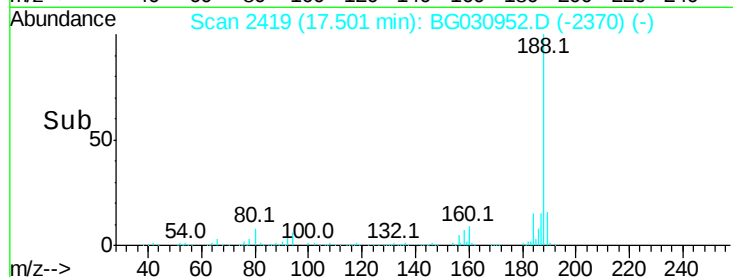
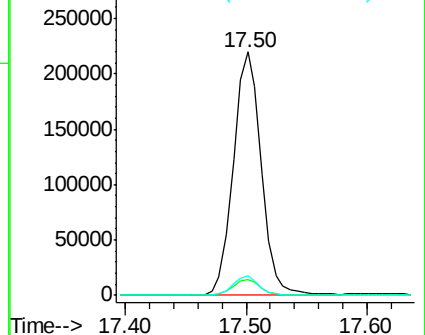
80 8.2 7.7 11.5



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: 21.77 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG030952.D

Acq: 11 Nov 2017 20:53

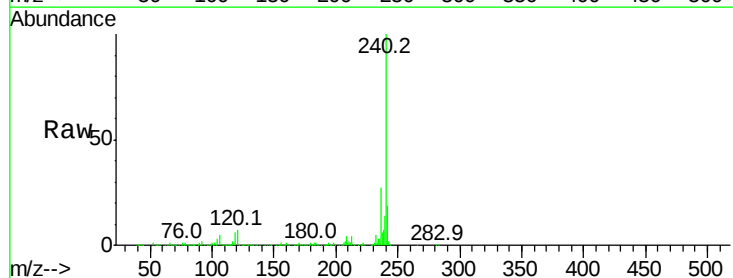
Tgt Ion:240 Resp: 444578

Ion Ratio Lower Upper

240 100

120 6.9 6.8 10.2

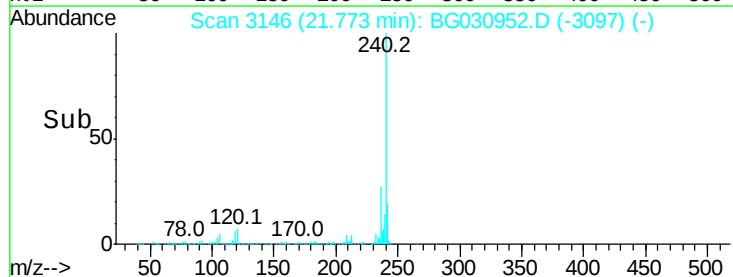
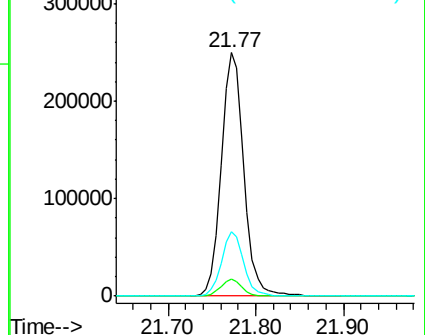
236 26.7 20.9 31.3



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: 52.630 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG030952.D

Acq: 11 Nov 2017 20:53

Instrument :

BNA_G

ClientSampleId :

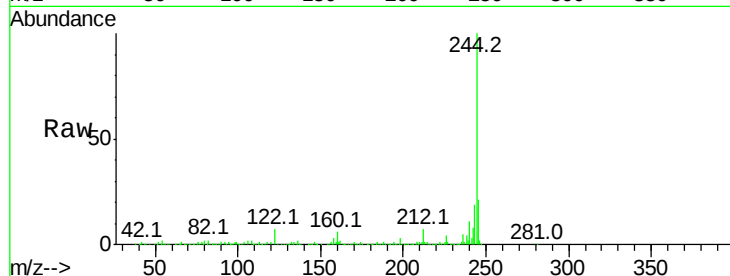
Tot Ion:244 Resp: 1059648

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

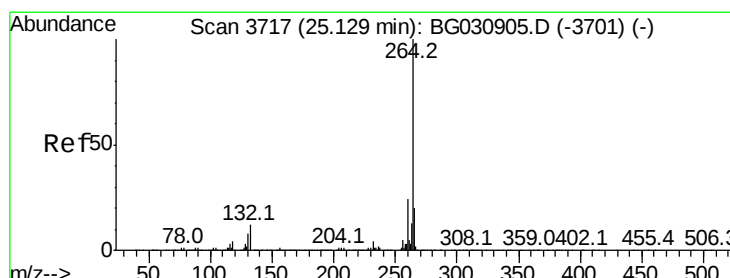
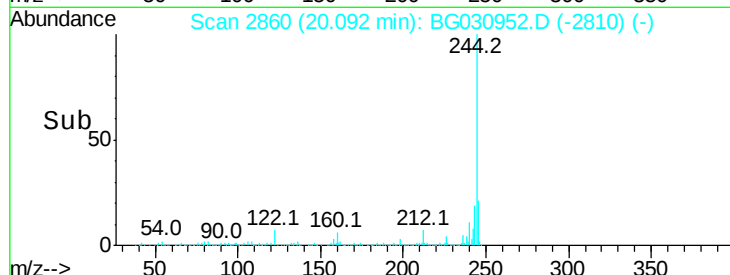
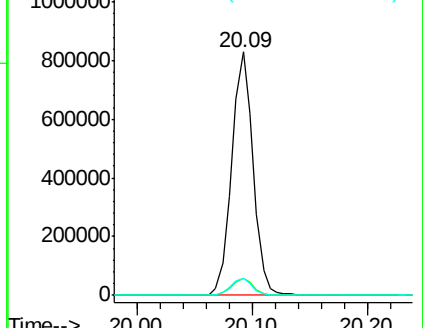
122 6.7 7.0 10.4#



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: 25.07 min Scan# 3708

Delta R.T. -0.02 min

Lab File: BG030952.D

Acq: 11 Nov 2017 20:53

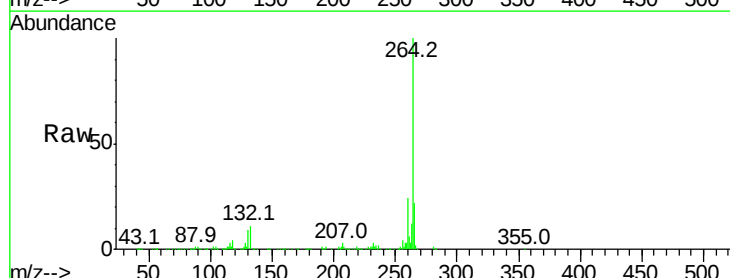
Tgt Ion:264 Resp: 438649

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

265 21.6 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

