

Data Path : Z:\HPCHEM1\BNA G\DATA\BG103117\
 Data File : BG030624.D
 Acq On : 31 Oct 2017 22:36
 Operator : SJ/JU
 Sample : I6207-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-05

Quant Time: Nov 01 07:31:18 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

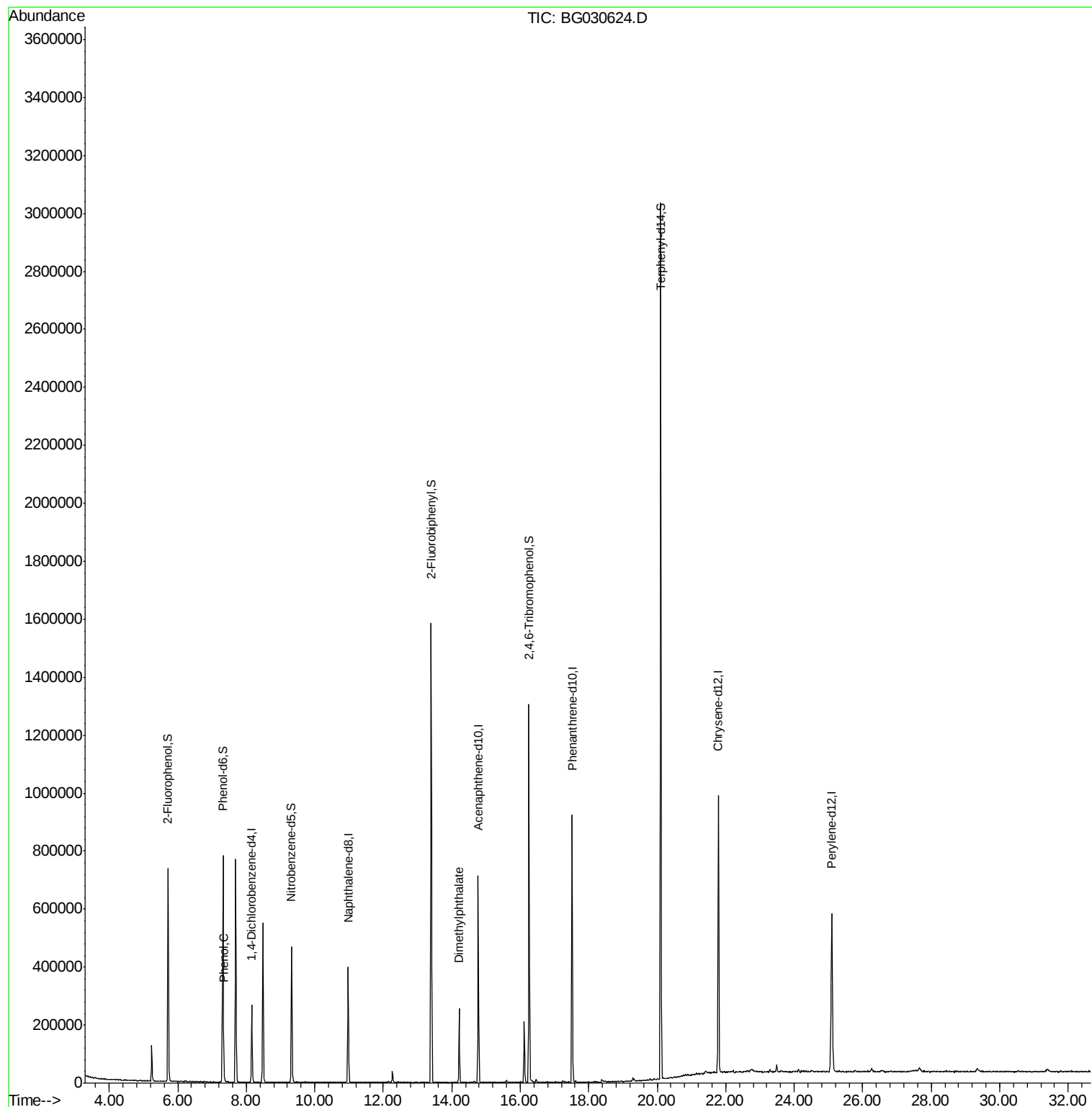
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	76480	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	365974	20.00	ng	-0.02
38) Acenaphthene-d10	14.77	164	251550	20.00	ng	-0.02
63) Phenanthrene-d10	17.51	188	554310	20.00	ng	-0.02
75) Chrysene-d12	21.78	240	602440	20.00	ng	-0.02
86) Perylene-d12	25.10	264	600823	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	350924	76.65	ng	0.00
7) Phenol-d6	7.32	99	493067	76.73	ng	0.00
23) Nitrobenzene-d5	9.32	82	290981	50.53	ng	-0.02
41) 2,4,6-Tribromophenol	16.26	330	268294	82.61	ng	-0.02
44) 2-Fluorobiphenyl	13.40	172	872313	50.86	ng	-0.02
78) Terphenyl-d14	20.10	244	1348150	50.91	ng	-0.02
Target Compounds						
10) Phenol	7.34	94	22937	3.311	ng	94
49) Dimethylphthalate	14.22	163	179000	9.120	ng	100

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

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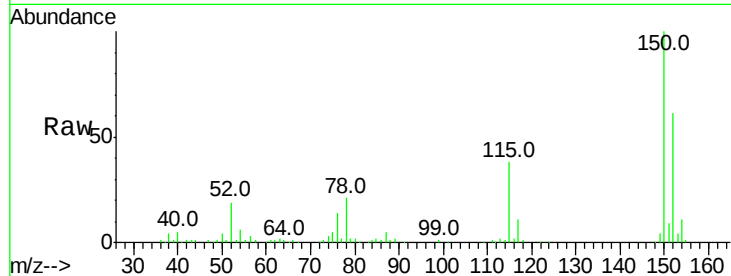


#1

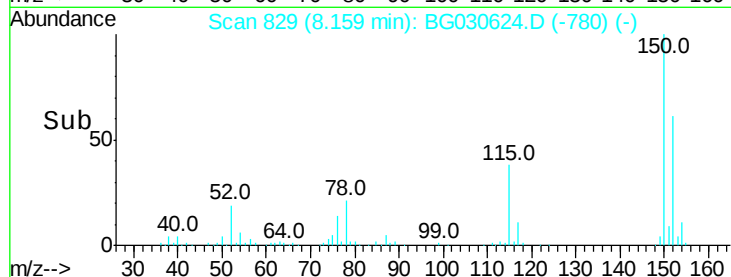
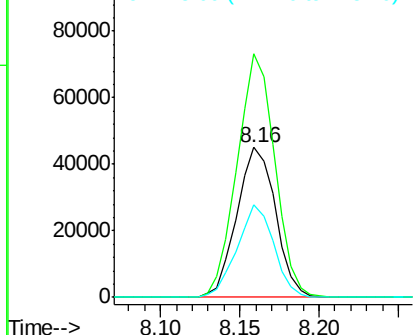
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG030624.D
Acq: 31 Oct 2017 22:36

Instrument :
BNA_G
ClientSampleId :
SB-05

Tot Ion:152 Resp: 76480
Ion Ratio Lower Upper
152 100
150 162.7 126.6 189.8
115 61.6 53.0 79.4



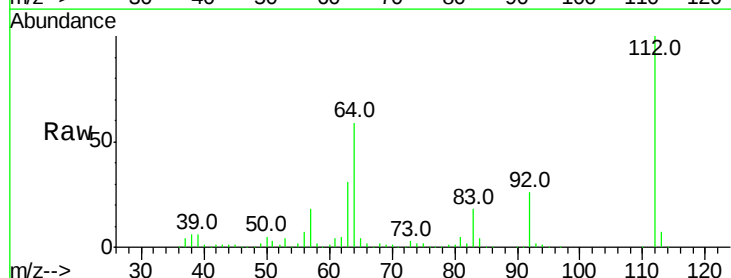
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



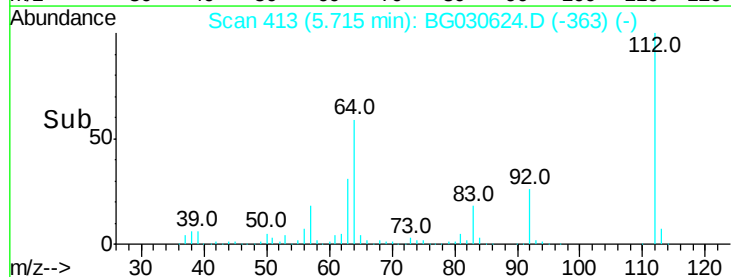
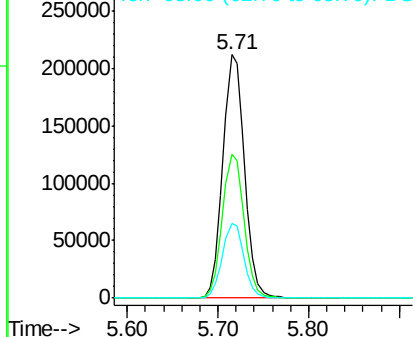
#5

2-Fluorophenol
Concen: 76.652 ng
RT: 5.71 min Scan# 413
Delta R.T. -0.01 min
Lab File: BG030624.D
Acq: 31 Oct 2017 22:36

Tgt Ion:112 Resp: 350924
Ion Ratio Lower Upper
112 100
64 59.1 56.3 84.5
63 30.6 30.1 45.1



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





#7

Phenol-d6

Concen: 76.729 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG030624.D

Acq: 31 Oct 2017 22:36

Instrument :

BNA_G

ClientSampled :

SB-05

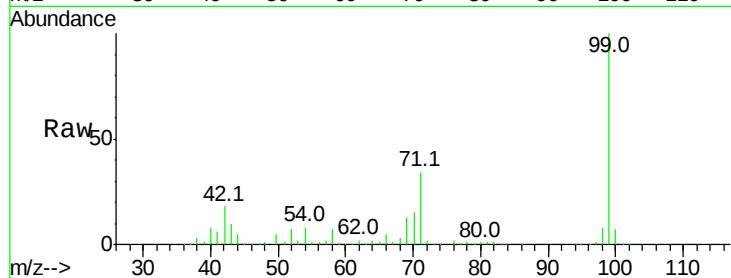
Tot Ion: 99 Resp: 493067

Ion Ratio Lower Upper

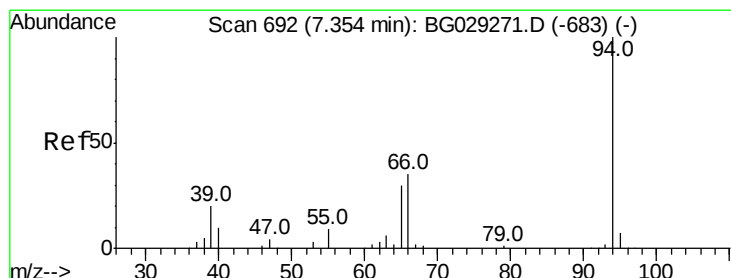
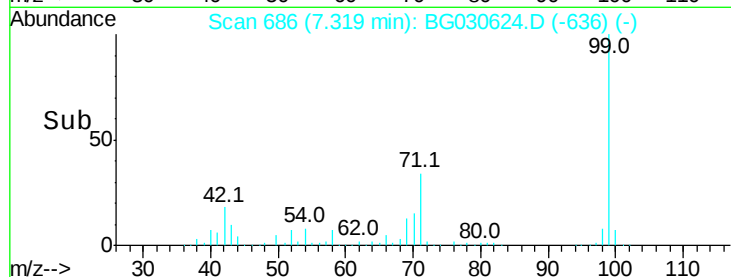
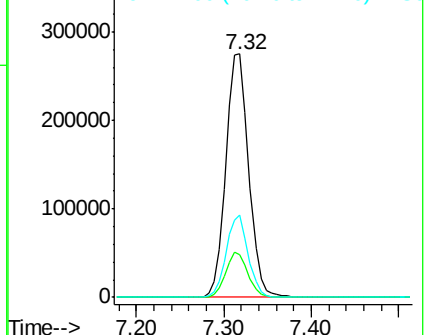
99 100

42 17.7 14.1 21.1

71 33.7 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



#10

Phenol

Concen: 3.311 ng

RT: 7.34 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG030624.D

Acq: 31 Oct 2017 22:36

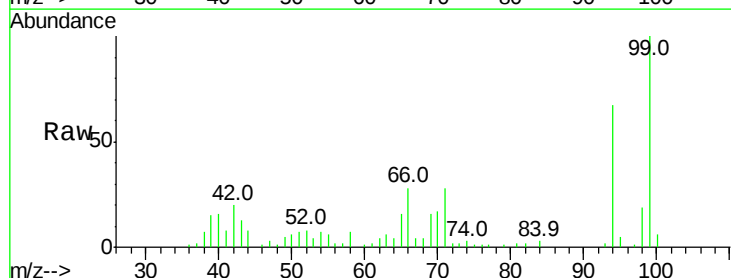
Tgt Ion: 94 Resp: 22937

Ion Ratio Lower Upper

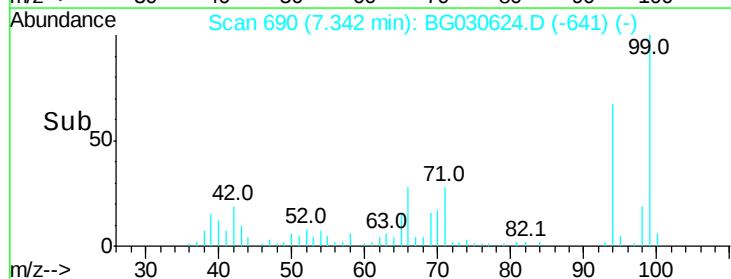
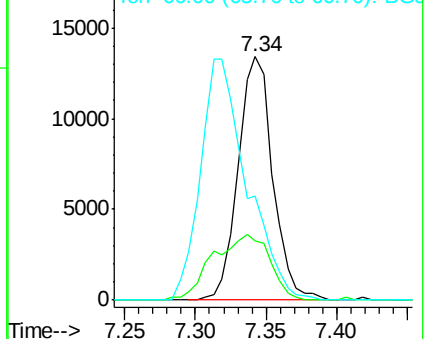
94 100

65 24.5 11.9 51.9

66 42.5 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

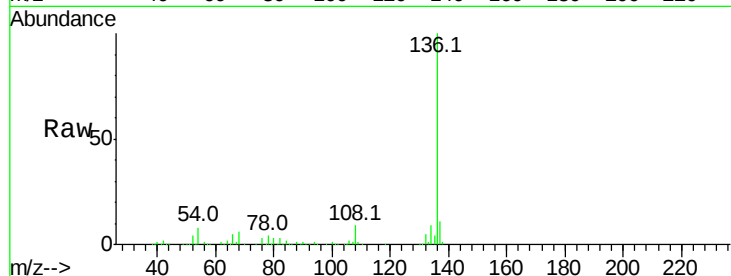




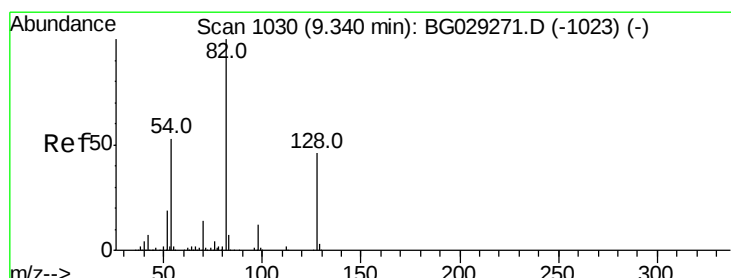
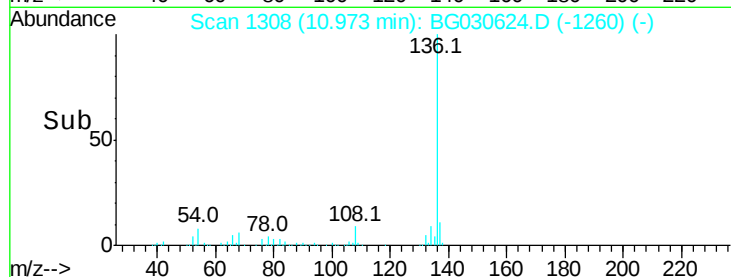
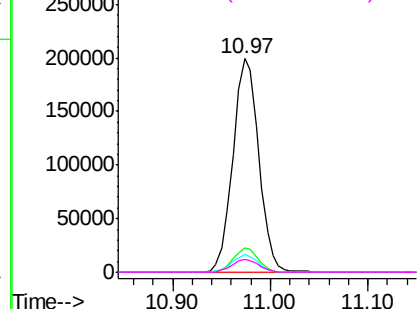
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BG030624.D
Acq: 31 Oct 2017 22:36

Instrument :
BNA_G
ClientSampleId :
SB-05

Tot Ion:136	Resp:	365974
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.2 13.8
54	8.2	10.3 15.5#
68	5.9	4.5 6.7

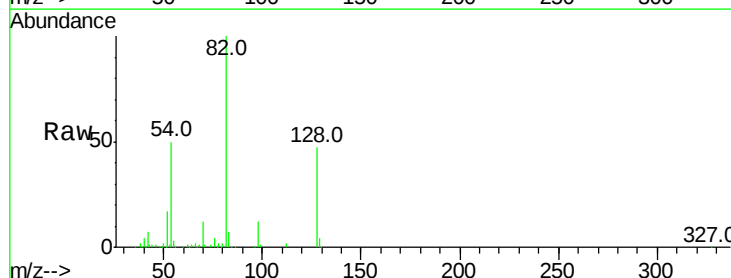


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

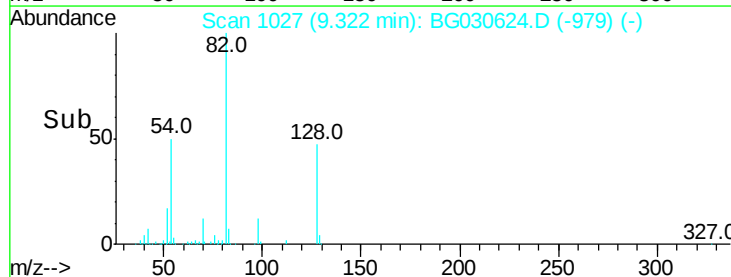
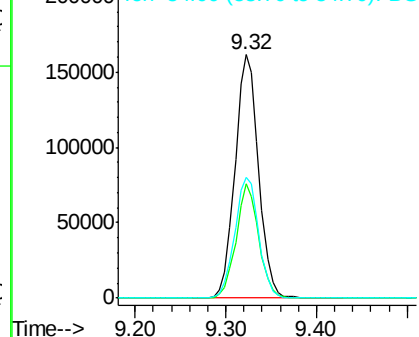


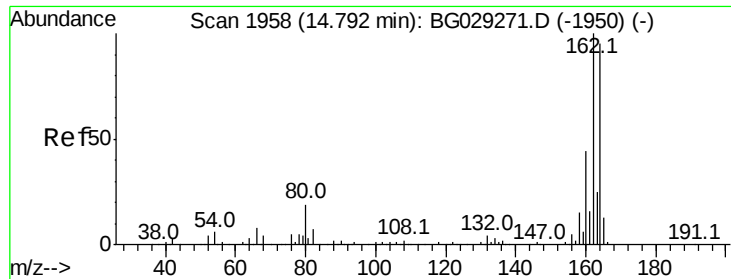
#23
Nitrobenzene-d5
Concen: 50.526 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG030624.D
Acq: 31 Oct 2017 22:36

Tgt Ion: 82	Resp:	290981
Ion Ratio	Lower	Upper
82	100	
128	47.1	29.7 44.5#
54	49.8	43.1 64.7



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

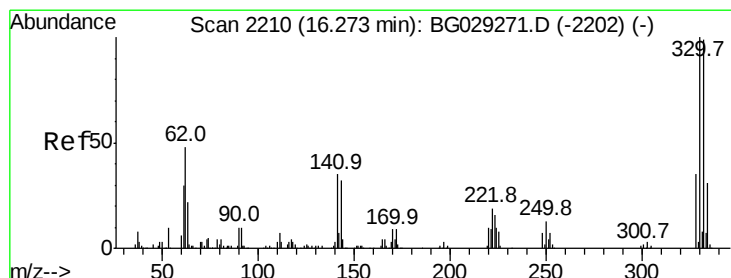
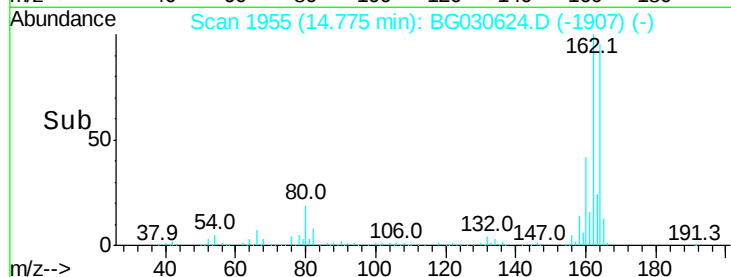
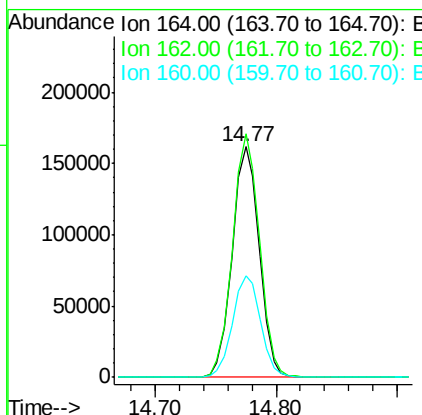
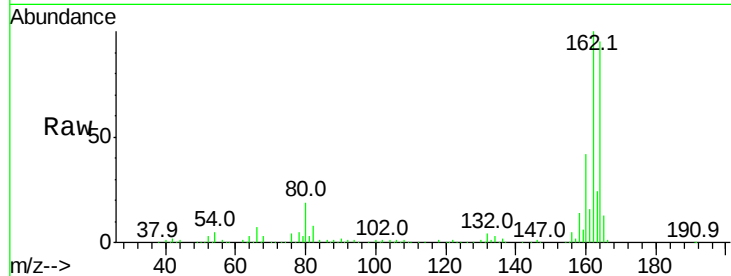




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1955
Delta R.T. -0.02 min
Lab File: BG030624.D
Acq: 31 Oct 2017 22:36

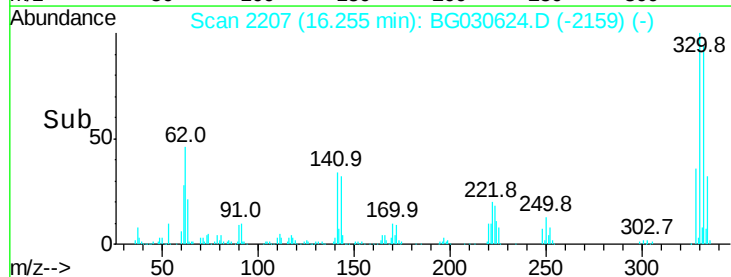
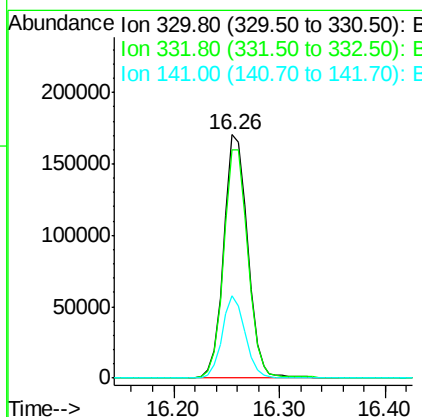
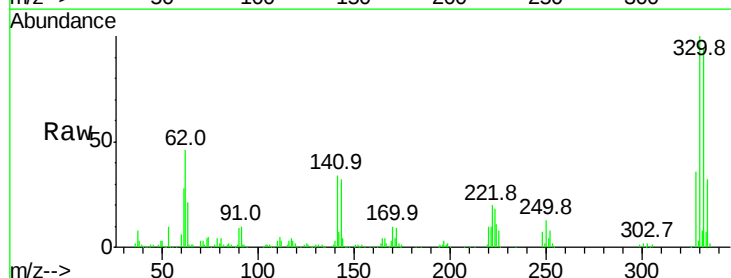
Instrument :
BNA_G
ClientSampleId :
SB-05

Tot Ion:164 Resp: 251550
Ion Ratio Lower Upper
164 100
162 105.7 78.8 118.2
160 44.3 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 82.609 ng
RT: 16.26 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BG030624.D
Acq: 31 Oct 2017 22:36

Tgt Ion:330 Resp: 268294
Ion Ratio Lower Upper
330 100
332 95.0 77.0 115.6
141 32.5 25.2 37.8

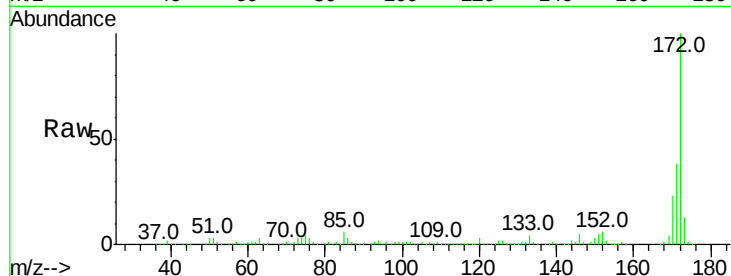




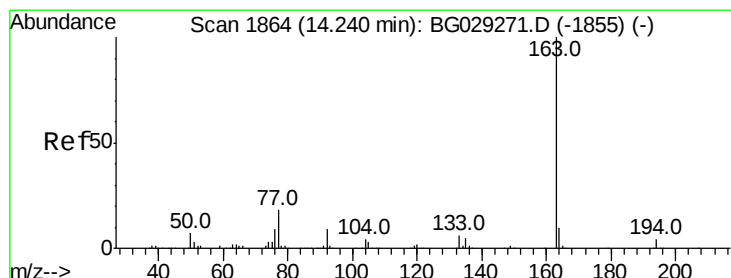
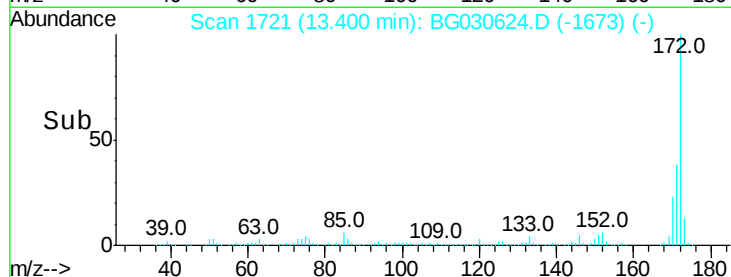
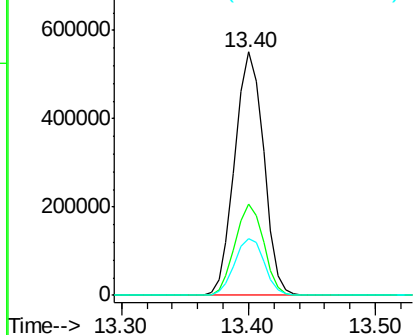
#44
 2-Fluorobiphenyl
 Concen: 50.860 ng
 RT: 13.40 min Scan# 1721
 Delta R.T. -0.02 min
 Lab File: BG030624.D
 Acq: 31 Oct 2017 22:36

Instrument :
 BNA_G
 ClientSampleId :
 SB-05

Tot Ion:172 Resp: 872313
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.0 45.0
 170 23.3 19.5 29.3

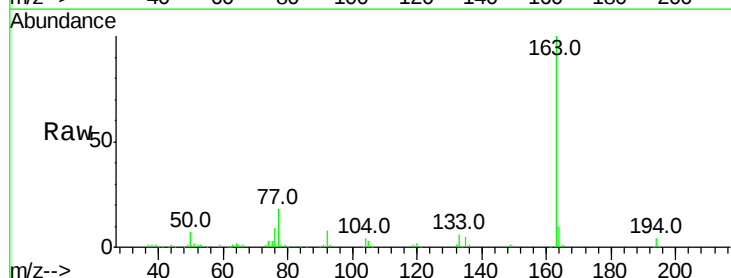


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

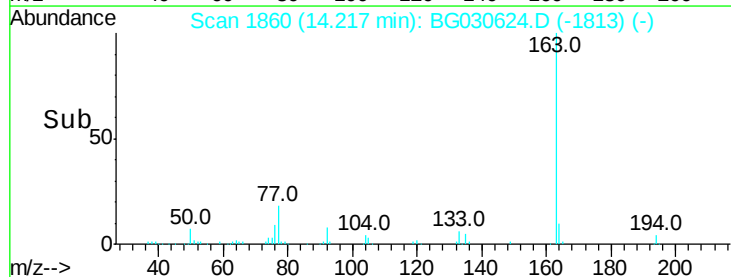
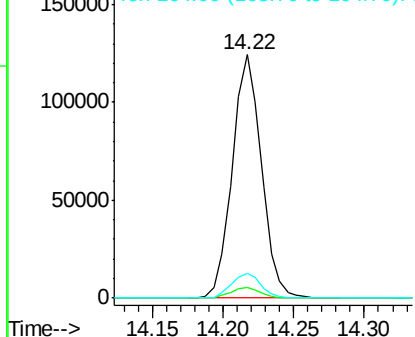


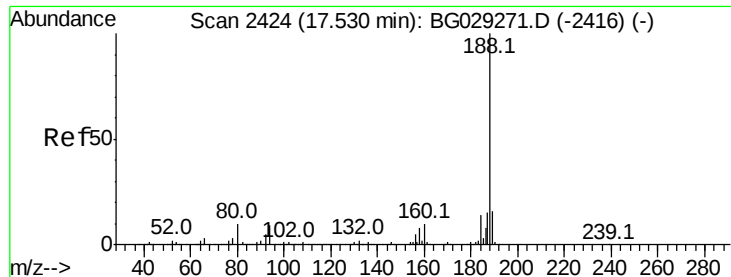
#49
 Dimethylphthalate
 Concen: 9.120 ng
 RT: 14.22 min Scan# 1860
 Delta R.T. -0.02 min
 Lab File: BG030624.D
 Acq: 31 Oct 2017 22:36

Tgt Ion:163 Resp: 179000
 Ion Ratio Lower Upper
 163 100
 194 4.4 3.4 5.2
 164 10.1 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2421

Delta R.T. -0.02 min

Lab File: BG030624.D

Acq: 31 Oct 2017 22:36

Instrument :

BNA_G

ClientSampleId :

SB-05

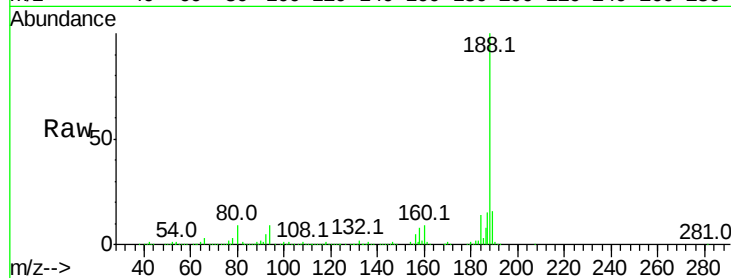
Tot Ion:188 Resp: 554310

Ion Ratio Lower Upper

188 100

94 8.8 6.9 10.3

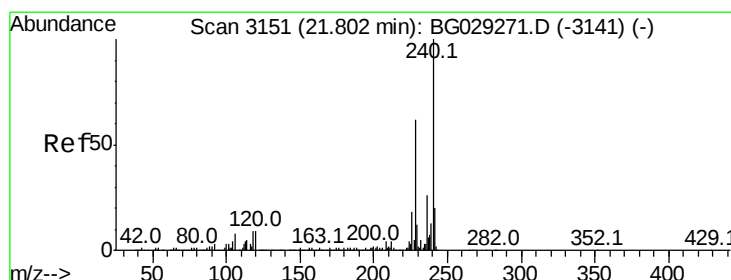
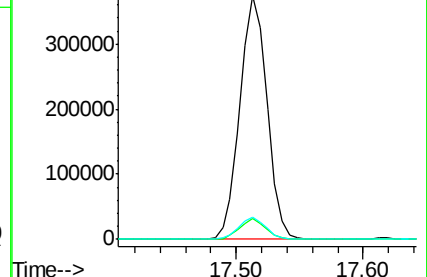
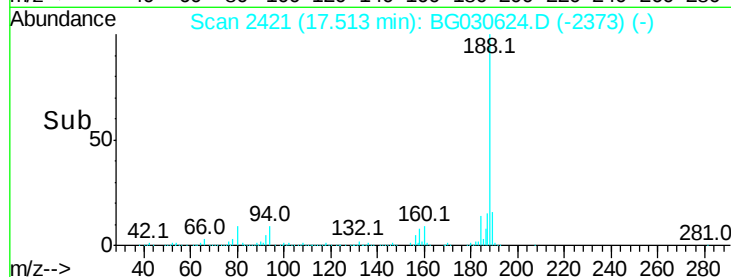
80 8.9 7.7 11.5



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: 21.78 min Scan# 3148

Delta R.T. -0.02 min

Lab File: BG030624.D

Acq: 31 Oct 2017 22:36

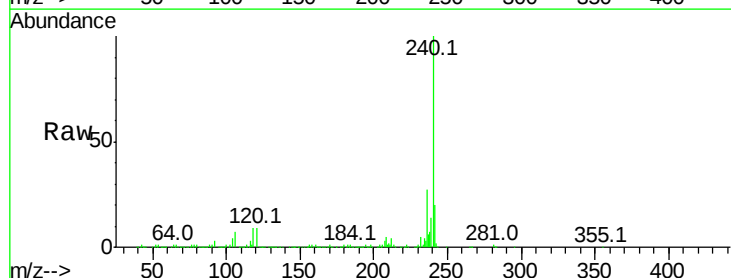
Tgt Ion:240 Resp: 602440

Ion Ratio Lower Upper

240 100

120 9.3 6.8 10.2

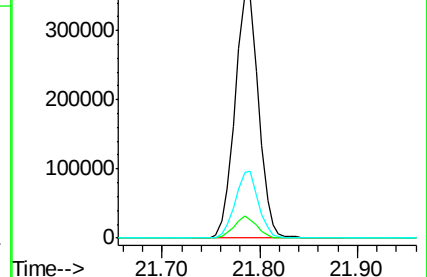
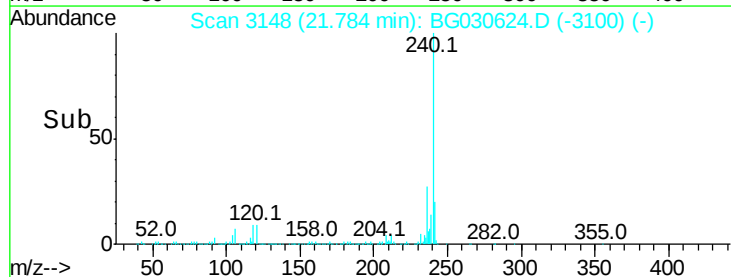
236 27.2 20.9 31.3



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



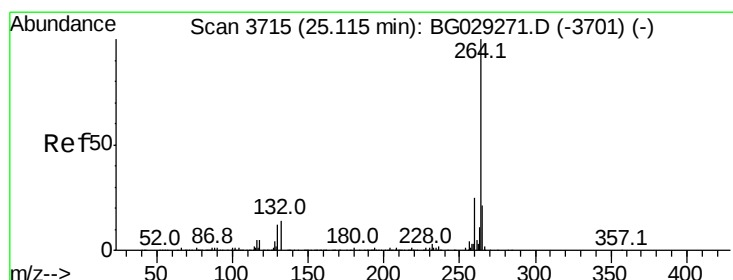
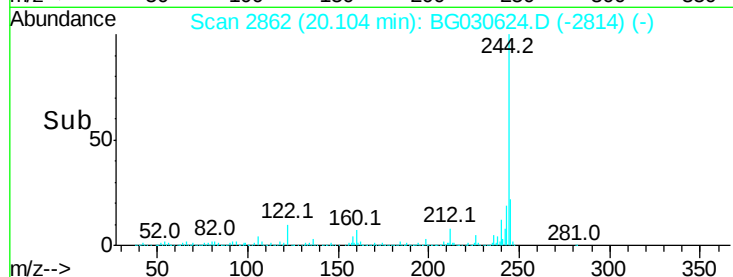
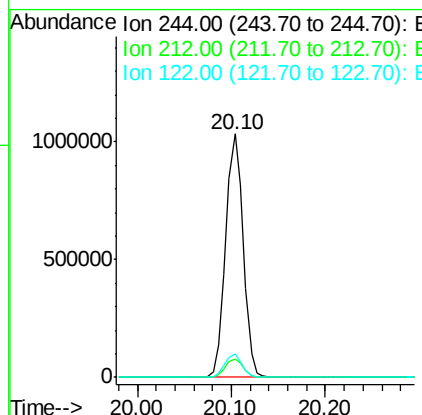
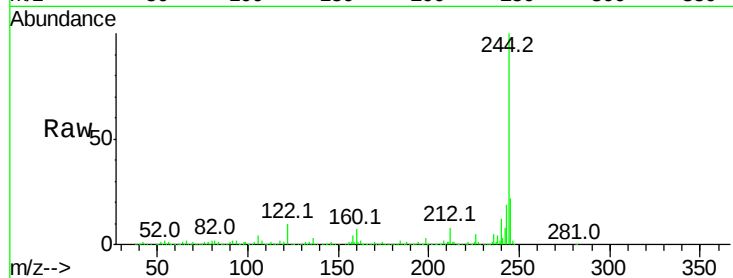


#78
 Terphenyl-d14
 Concen: 50.909 ng
 RT: 20.10 min Scan# 2862
 Delta R.T. -0.02 min
 Lab File: BG030624.D
 Acq: 31 Oct 2017 22:36

Instrument :
 BNA_G
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 SB-05

Tot Ion:244 Resp: 1348150

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	9.8	7.0	10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.10 min Scan# 3712
 Delta R.T. -0.02 min
 Lab File: BG030624.D
 Acq: 31 Oct 2017 22:36

Tgt Ion:264 Resp: 600823

Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	21.6	17.7	26.5

