

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101717\
 Data File : BG029307.D
 Acq On : 17 Oct 2017 18:53
 Operator : SJ/JU
 Sample : I5821-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WPSB-6B-18-18.5-BGS

Quant Time: Oct 18 02:38:48 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

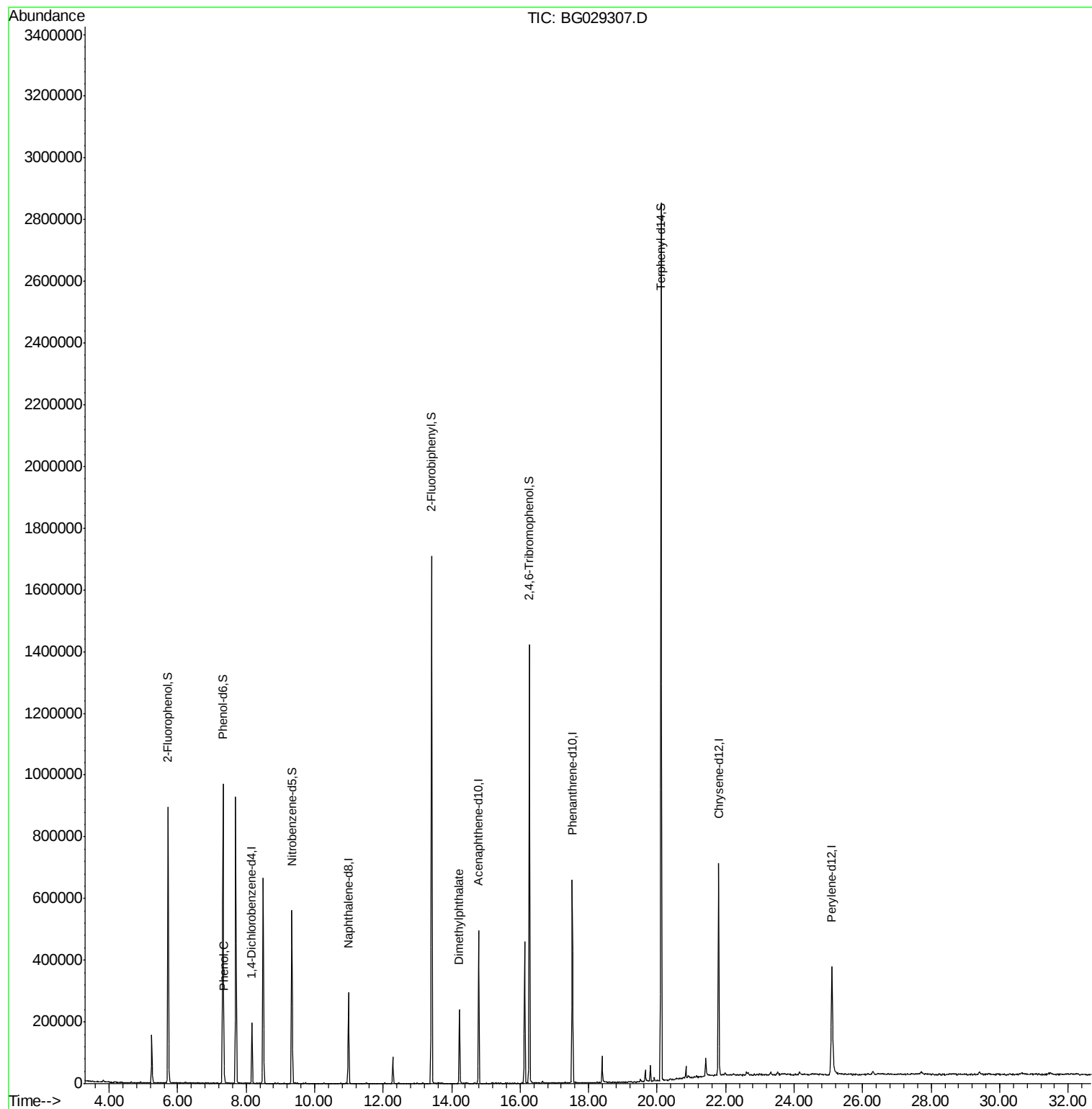
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	55547	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	262784	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	172157	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	404621	20.00	ng	0.00
75) Chrysene-d12	21.79	240	425360	20.00	ng	0.00
86) Perylene-d12	25.10	264	433850	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	414346	124.61	ng	0.00
7) Phenol-d6	7.32	99	581661	124.63	ng	0.00
23) Nitrobenzene-d5	9.33	82	343286	83.01	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	283000	127.32	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	898926	76.58	ng	0.00
78) Terphenyl-d14	20.11	244	1284794	68.71	ng	0.00
Target Compounds						
10) Phenol	7.35	94	35090	6.974	ng	94
49) Dimethylphthalate	14.23	163	171201	12.746	ng	100

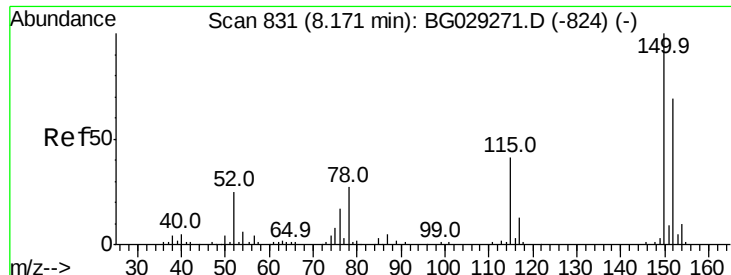
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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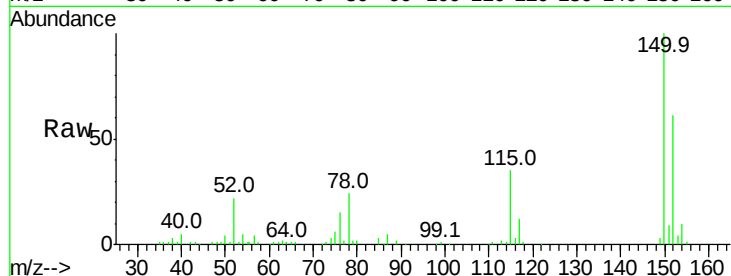


#1

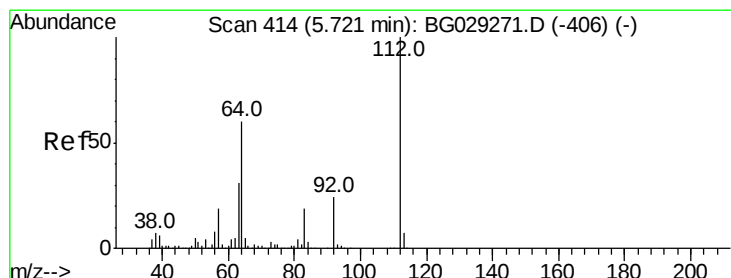
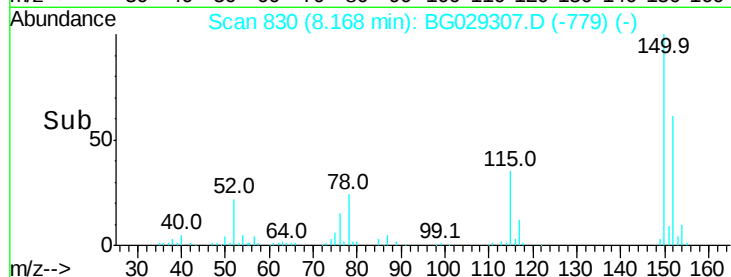
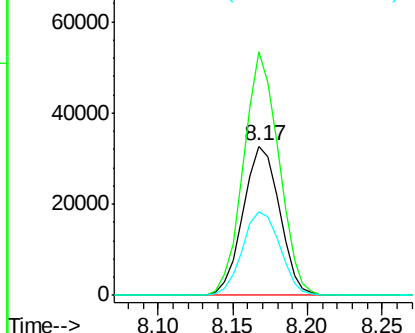
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG029307.D
Acq: 17 Oct 2017 18:53

Instrument :
BNA_G
ClientSampleId :
WPSB-6B-18-18.5-BGS

Tot Ion:152 Resp: 55547
Ion Ratio Lower Upper
152 100
150 162.9 126.6 189.8
115 56.4 53.0 79.4



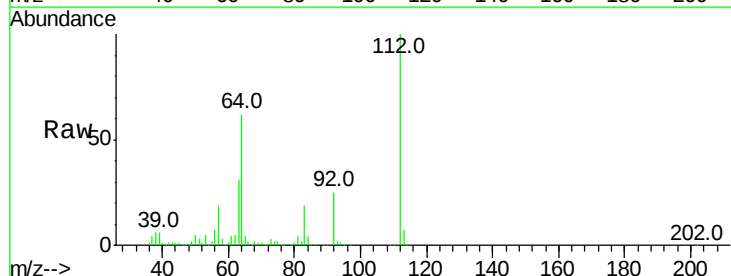
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



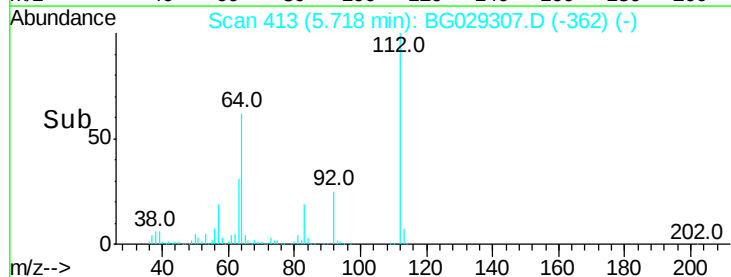
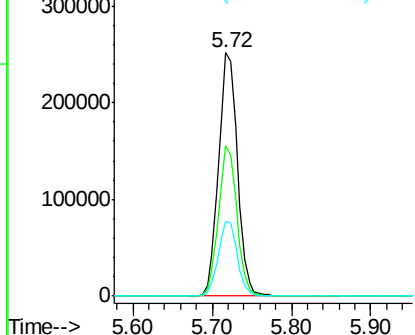
#5

2-Fluorophenol
Concen: 124.613 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG029307.D
Acq: 17 Oct 2017 18:53

Tgt Ion:112 Resp: 414346
Ion Ratio Lower Upper
112 100
64 61.6 56.3 84.5
63 30.8 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: 124.626 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG029307.D

Acq: 17 Oct 2017 18:53

Instrument :

BNA_G

ClientSampleId :

WPSB-6B-18-18.5-BGS

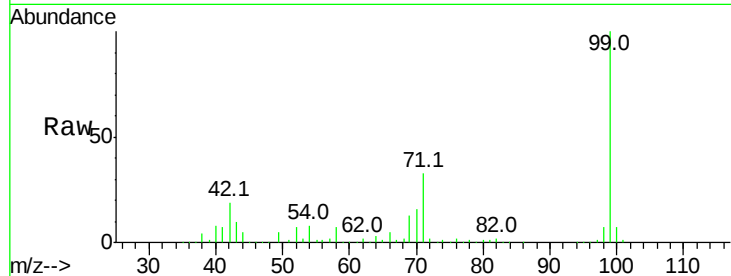
Tot Ion: 99 Resp: 581661

Ion Ratio Lower Upper

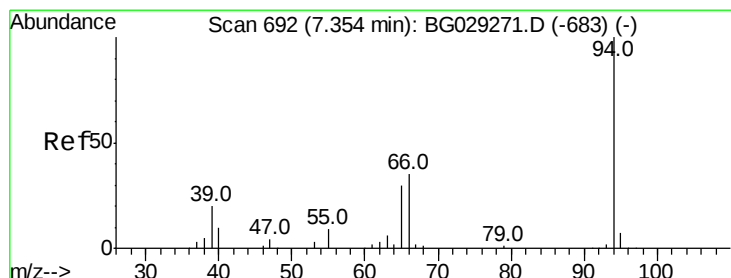
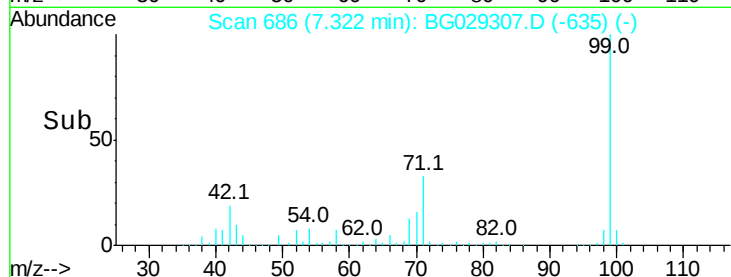
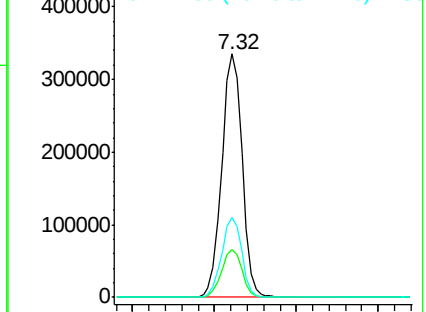
99 100

42 19.4 14.1 21.1

71 32.8 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: 6.974 ng

RT: 7.35 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG029307.D

Acq: 17 Oct 2017 18:53

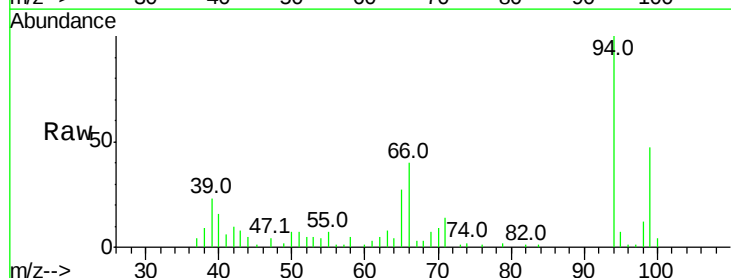
Tgt Ion: 94 Resp: 35090

Ion Ratio Lower Upper

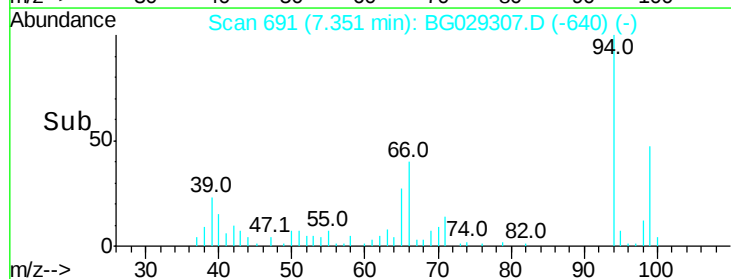
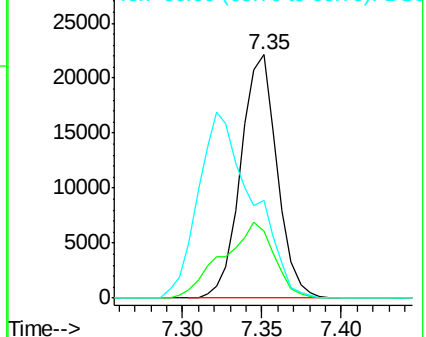
94 100

65 27.3 11.9 51.9

66 39.9 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

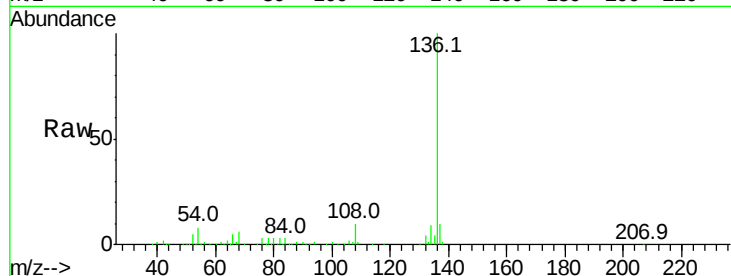




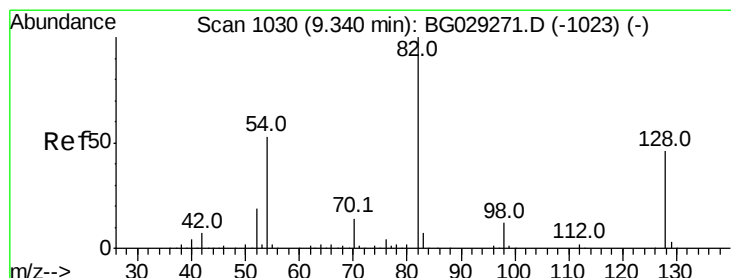
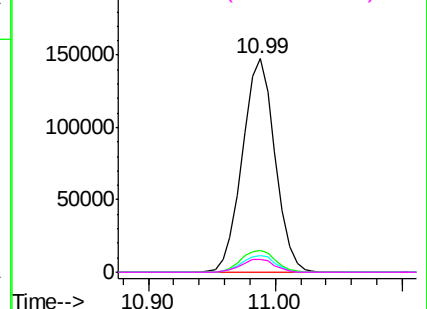
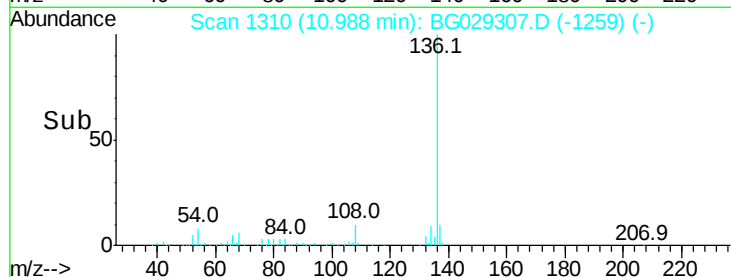
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BG029307.D
Acq: 17 Oct 2017 18:53

Instrument :
BNA_G
ClientSampleId :
WPSB-6B-18-18.5-BGS

Tot Ion:	136	Resp:	262784
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.2	13.8
54	8.0	10.3	15.5#
68	6.1	4.5	6.7

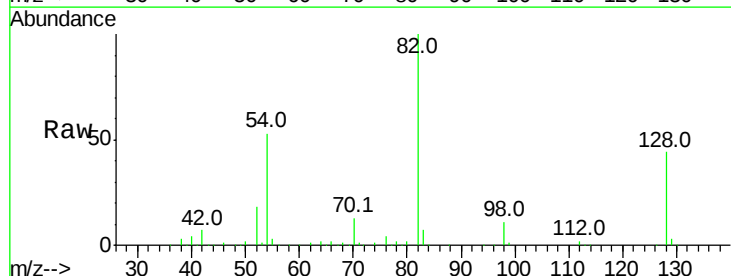


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

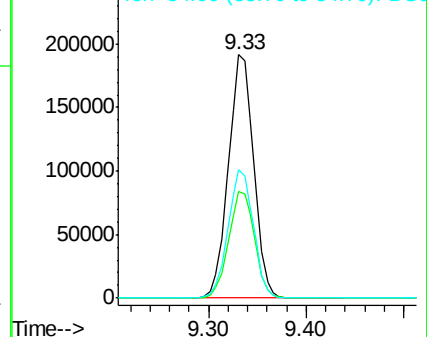
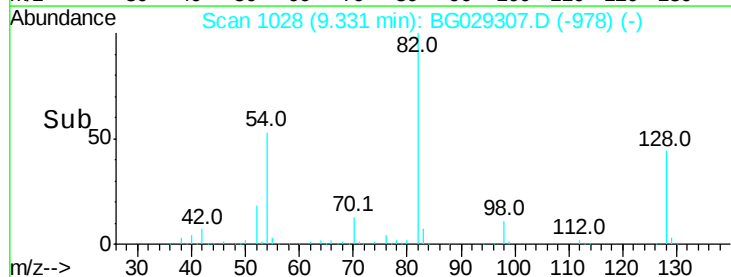


#23
Nitrobenzene-d5
Concen: 83.014 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG029307.D
Acq: 17 Oct 2017 18:53

Tgt Ion:	82	Resp:	343286
Ion	Ratio	Lower	Upper
82	100		
128	43.6	29.7	44.5
54	52.6	43.1	64.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BG029307.D

Acq: 17 Oct 2017 18:53

Instrument :

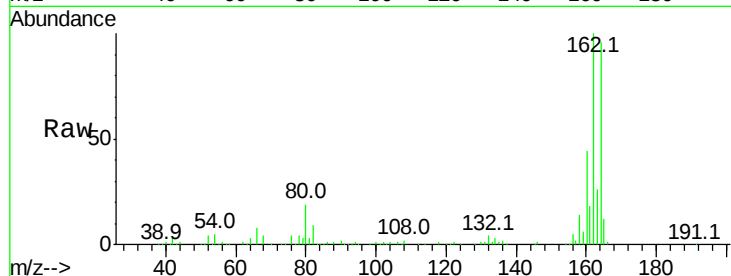
BNA_G

ClientSampleId :

WPSB-6B-18-18.5-BGS

Tot Ion:164 Resp: 172157

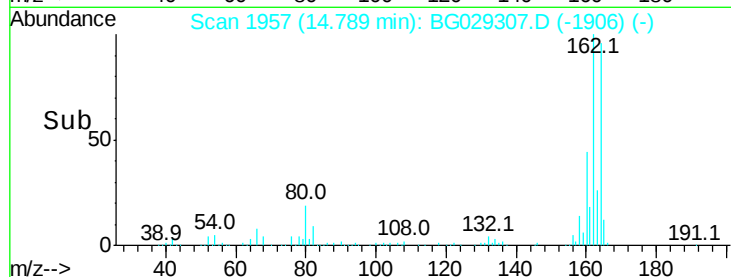
Ion	Ratio	Lower	Upper
164	100		
162	104.6	78.8	118.2
160	46.0	35.4	53.0



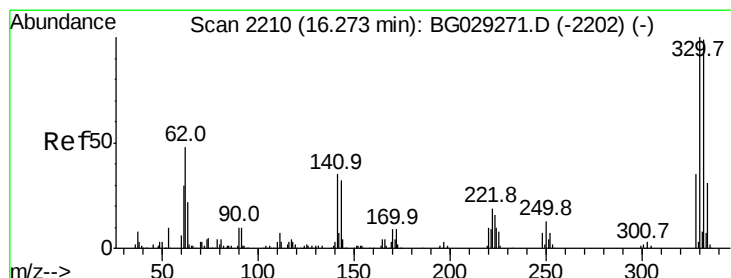
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time--> 14.70 14.75 14.80 14.85



#41

2,4,6-Tribromophenol

Concen: 127.321 ng

RT: 16.27 min Scan# 2209

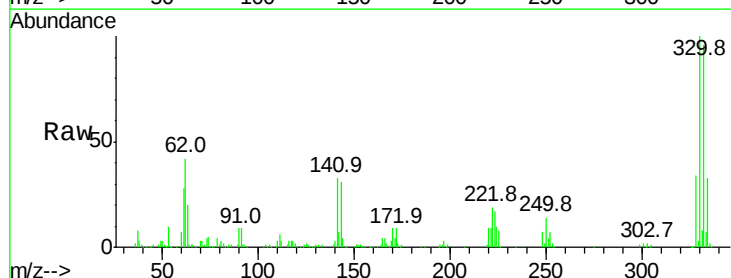
Delta R.T. -0.00 min

Lab File: BG029307.D

Acq: 17 Oct 2017 18:53

Tgt Ion:330 Resp: 283000

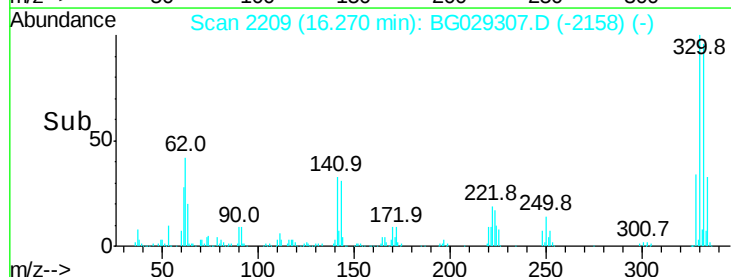
Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	34.2	25.2	37.8



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



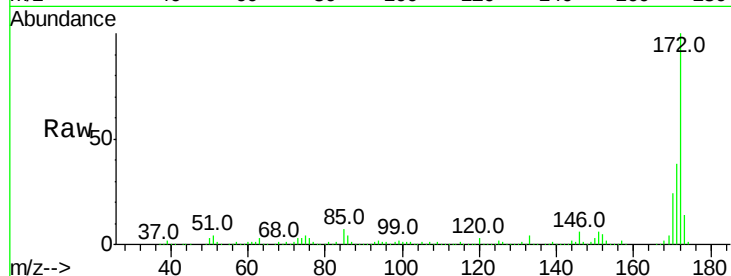
Time--> 16.20 16.30 16.40



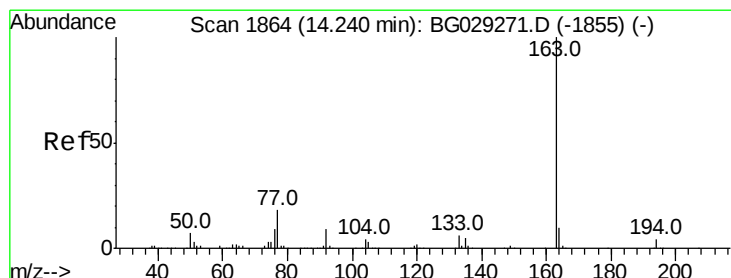
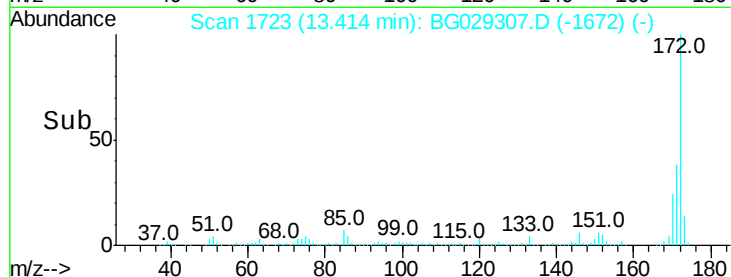
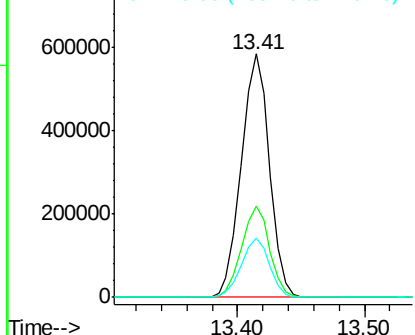
#44
2-Fluorobiphenyl
Concen: 76.582 ng
RT: 13.41 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG029307.D
Acq: 17 Oct 2017 18:53

Instrument :
BNA_G
ClientSampleId :
WPSB-6B-18-18.5-BGS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	24.2	19.5	29.3

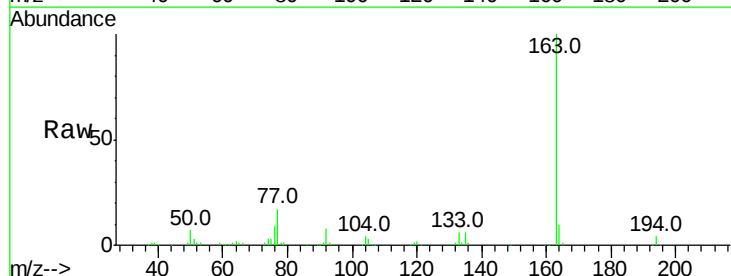


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

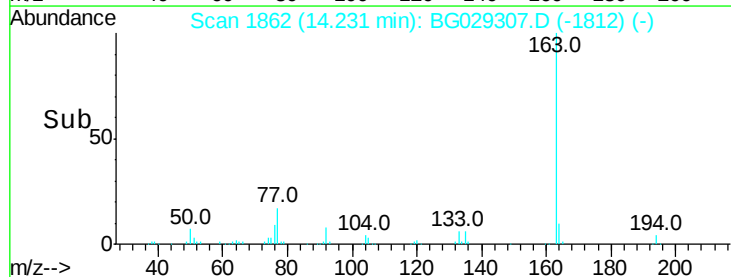
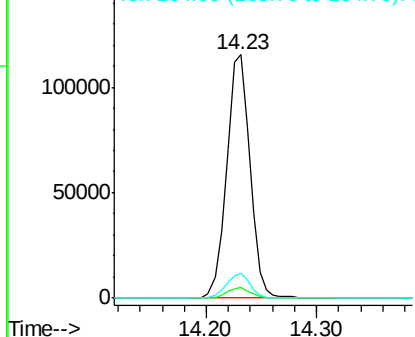


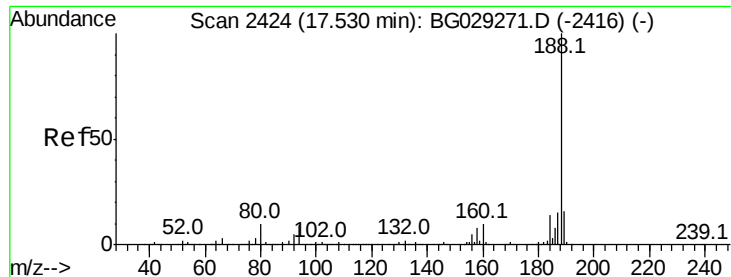
#49
Dimethylphthalate
Concen: 12.746 ng
RT: 14.23 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BG029307.D
Acq: 17 Oct 2017 18:53

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	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

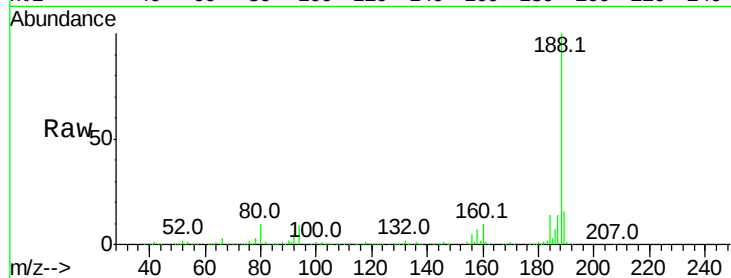




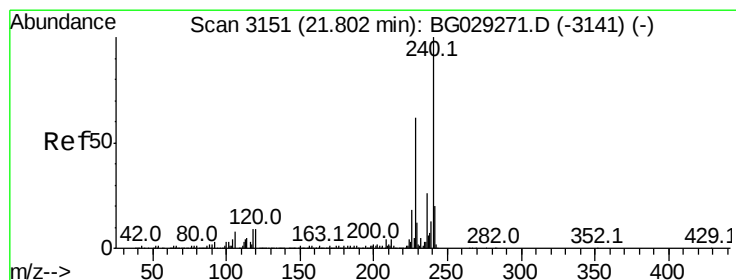
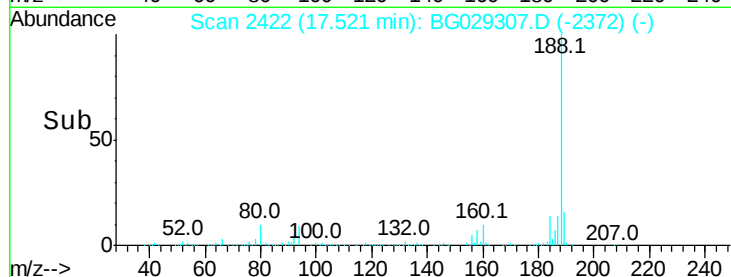
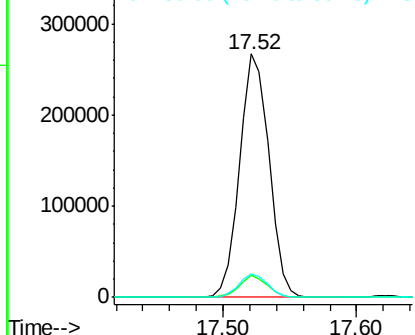
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG029307.D
Acq: 17 Oct 2017 18:53

Instrument :
BNA_G
ClientSampleId :
WPSB-6B-18-18.5-BGS

Tot Ion:188 Resp: 404621
Ion Ratio Lower Upper
188 100
94 9.2 6.9 10.3
80 9.6 7.7 11.5

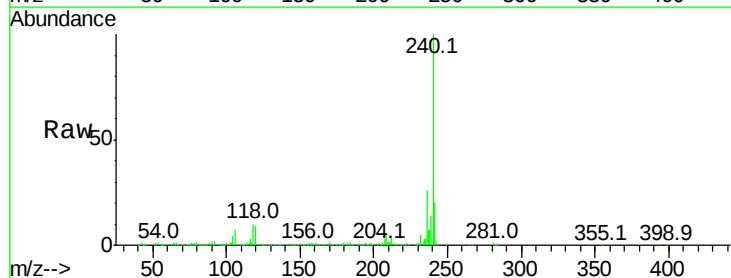


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

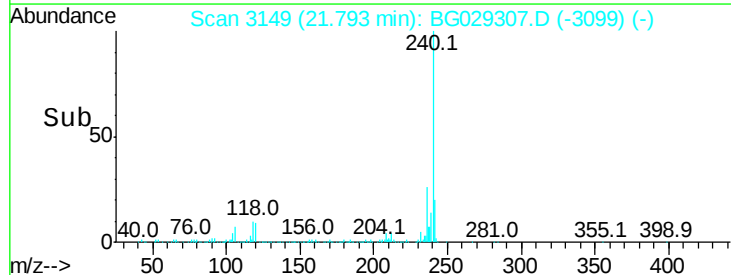
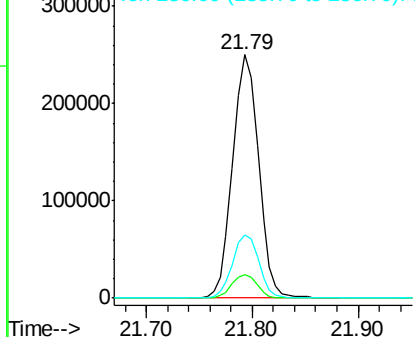


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG029307.D
Acq: 17 Oct 2017 18:53

Tgt Ion:240 Resp: 425360
Ion Ratio Lower Upper
240 100
120 9.4 6.8 10.2
236 25.8 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

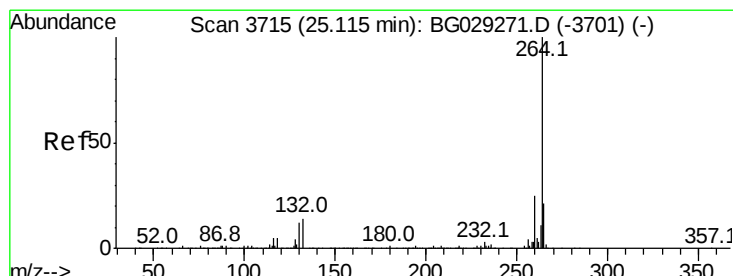
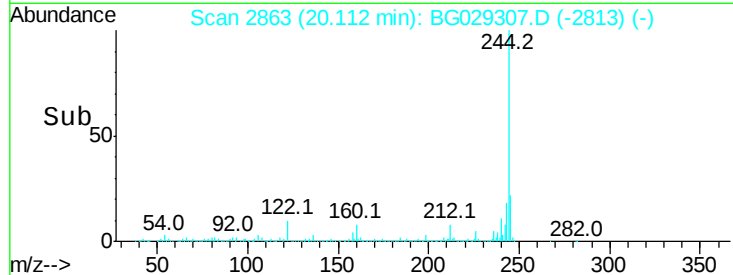
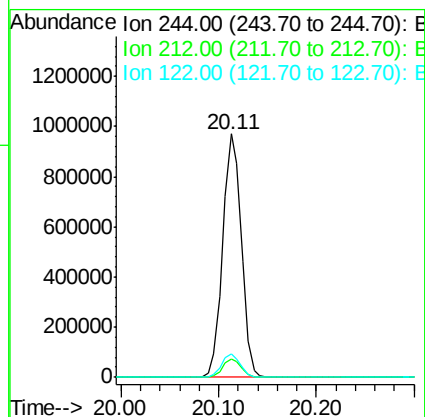
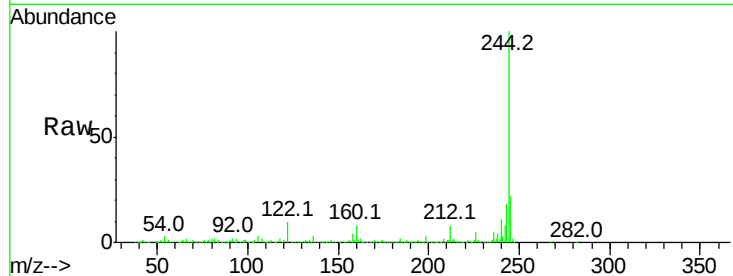




#78
 Terphenyl-d14
 Concen: 68.714 ng
 RT: 20.11 min Scan# 2863
 Delta R.T. -0.01 min
 Lab File: BG029307.D
 Acq: 17 Oct 2017 18:53

Instrument :
 BNA_G
 ClientSampleId :
 WPSB-6B-18-18.5-BGS

Tot Ion:244 Resp: 1284794
 Ion Ratio Lower Upper
 244 100
 212 7.7 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. -0.01 min
 Lab File: BG029307.D
 Acq: 17 Oct 2017 18:53

Tgt Ion:264 Resp: 433850
 Ion Ratio Lower Upper
 264 100
 260 24.3 17.4 26.0
 265 22.0 17.7 26.5

