

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112217\
 Data File : BG031200.D
 Acq On : 22 Nov 2017 21:48
 Operator : SJ/JU
 Sample : I6525-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 22 23:54:45 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	55947	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	252969	20.00	ng	-0.02
38) Acenaphthene-d10	14.76	164	170808	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	442487	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	528039	20.00	ng	-0.02
86) Perylene-d12	25.06	264	509482	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	238080	72.97	ng	-0.02
7) Phenol-d6	7.30	99	200667	45.65	ng	0.00
23) Nitrobenzene-d5	9.30	82	378097	88.57	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	324344	117.38	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	1142614	96.12	ng	-0.02
78) Terphenyl-d14	20.09	244	2060715	86.17	ng	0.00

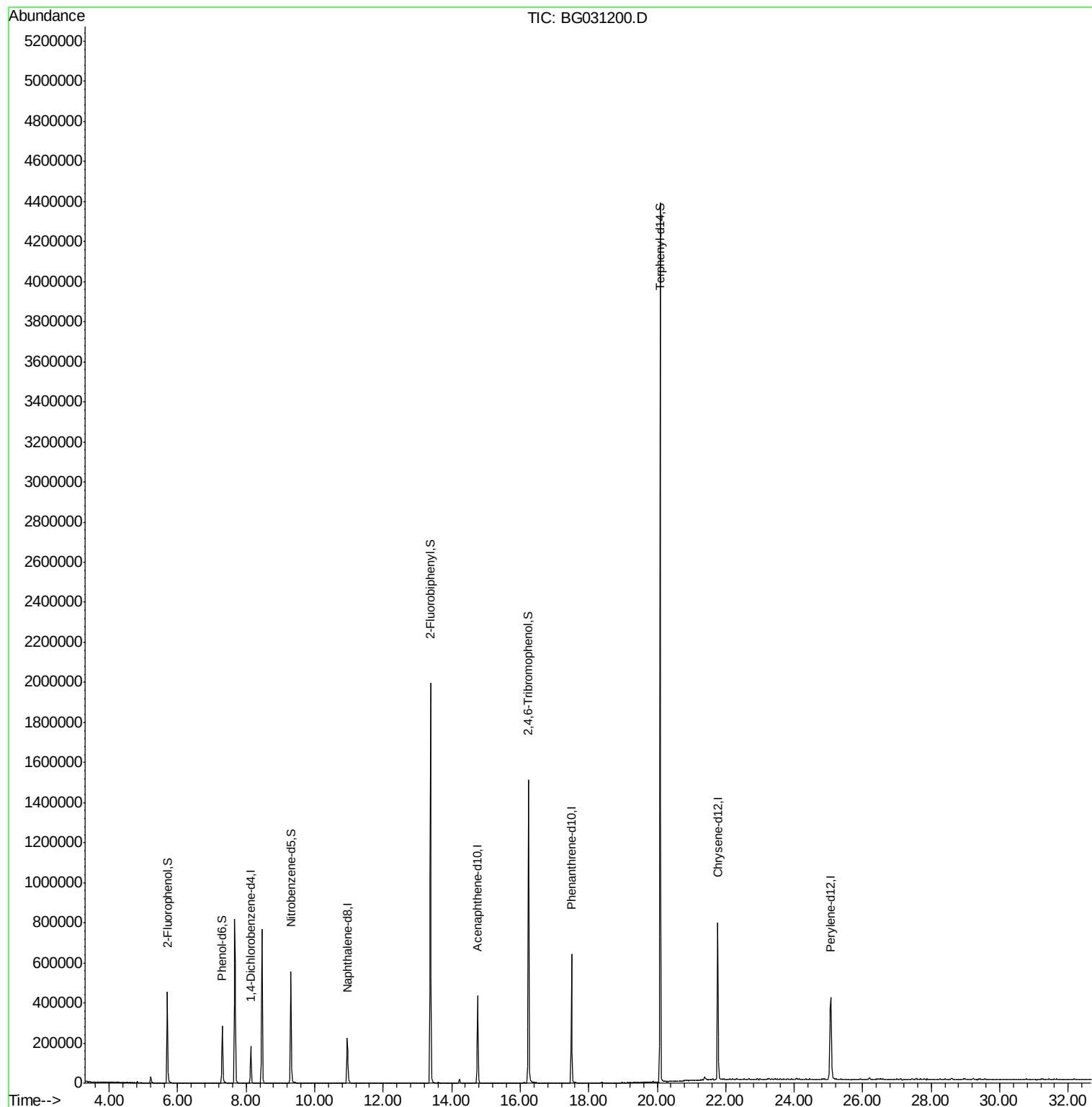
Target Compounds Qvalue

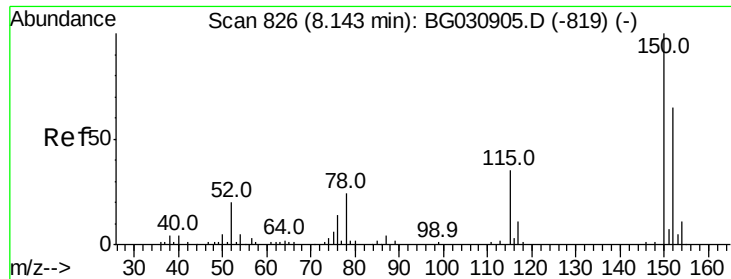
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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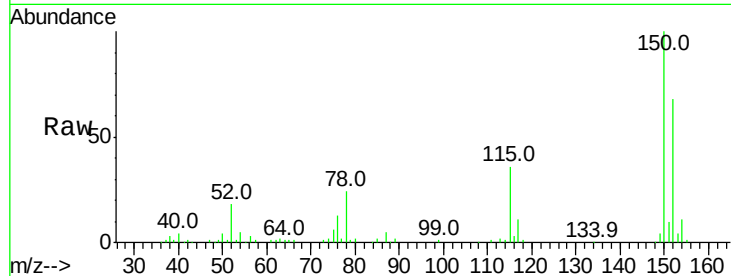




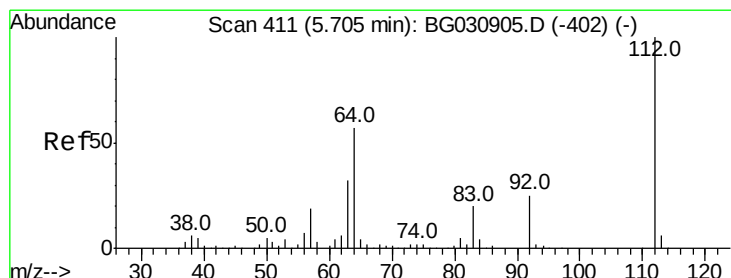
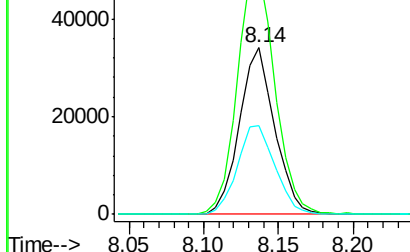
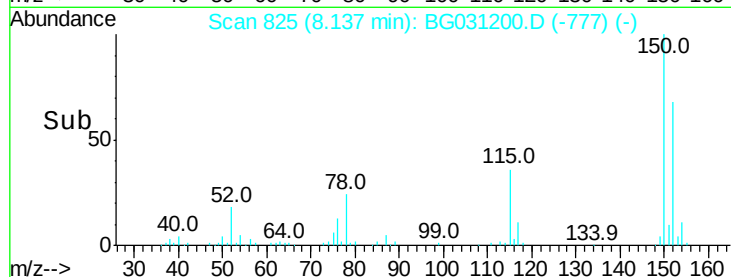
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.14 min Scan# 825
 Delta R.T. -0.02 min
 Lab File: BG031200.D
 Acq: 22 Nov 2017 21:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 55947
 Ion Ratio Lower Upper
 152 100
 150 146.3 126.6 189.8
 115 53.2 53.0 79.4

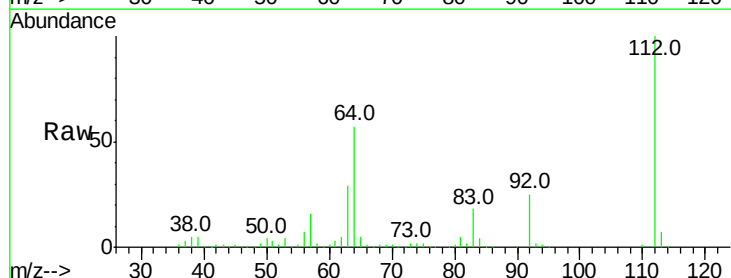


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

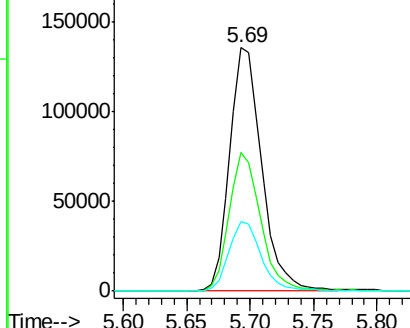
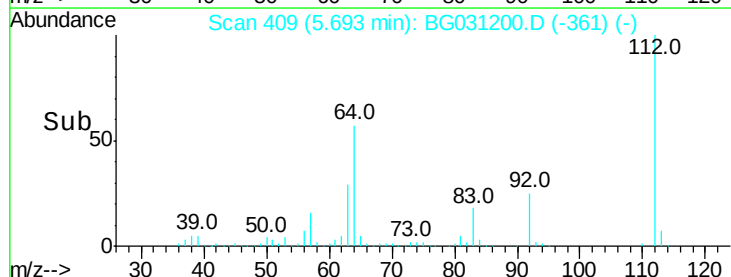


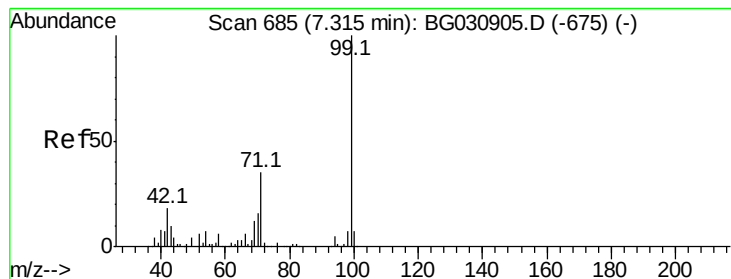
#5
 2-Fluorophenol
 Concen: 72.971 ng
 RT: 5.69 min Scan# 409
 Delta R.T. -0.02 min
 Lab File: BG031200.D
 Acq: 22 Nov 2017 21:48

Tgt Ion:112 Resp: 238080
 Ion Ratio Lower Upper
 112 100
 64 56.8 56.3 84.5
 63 28.7 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: 45.653 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG031200.D

Acq: 22 Nov 2017 21:48

Instrument :

BNA_G

ClientSampled :

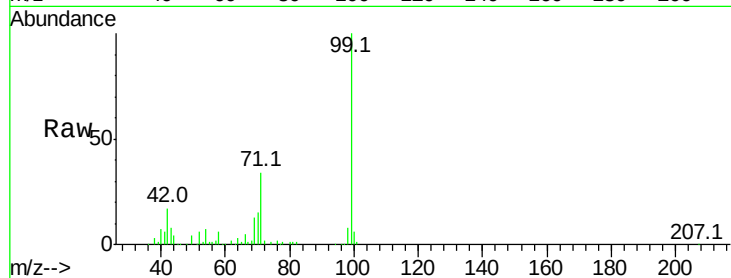
Tot Ion: 99 Resp: 200667

Ion Ratio Lower Upper

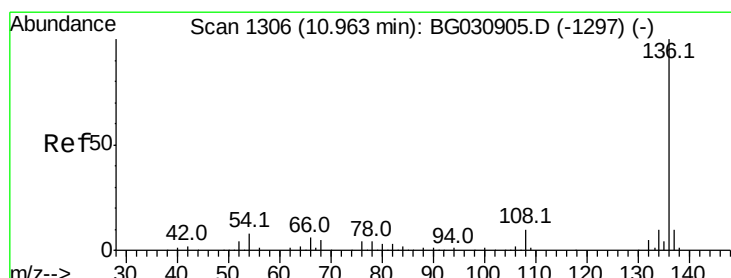
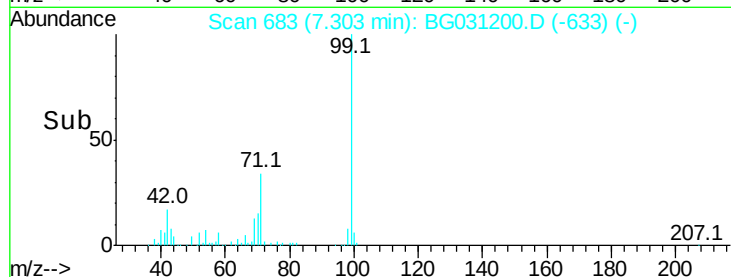
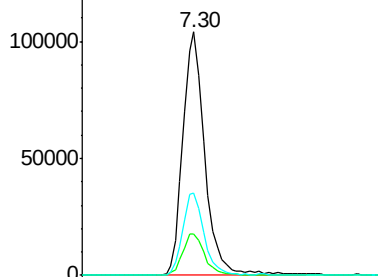
99 100

42 17.0 14.1 21.1

71 33.6 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: 10.95 min Scan# 1304

Delta R.T. -0.02 min

Lab File: BG031200.D

Acq: 22 Nov 2017 21:48

Tgt Ion: 136 Resp: 252969

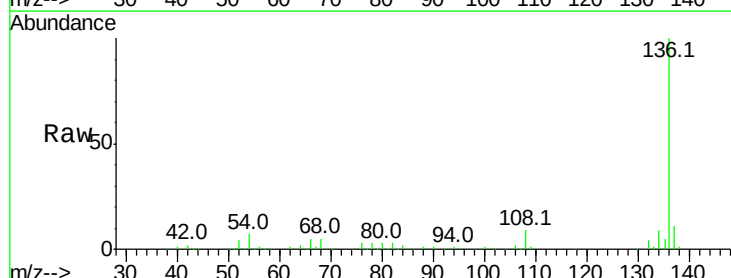
Ion Ratio Lower Upper

136 100

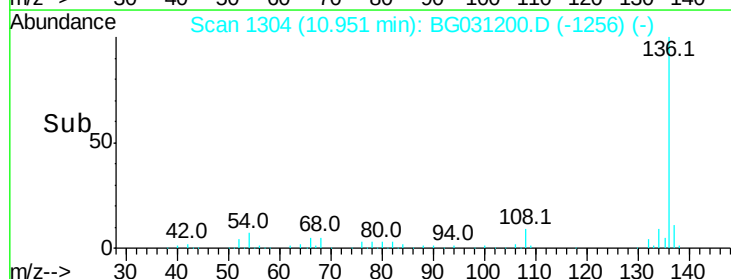
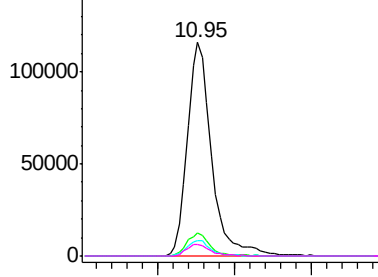
137 10.8 9.2 13.8

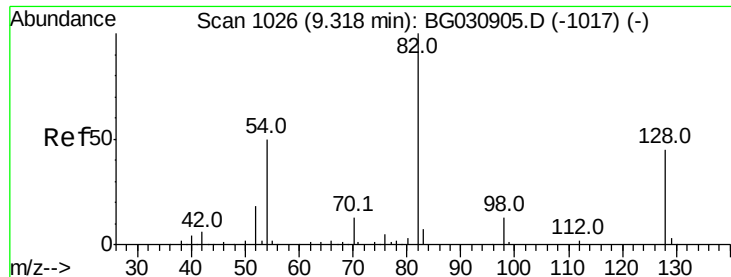
54 7.0 10.3 15.5#

68 5.3 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

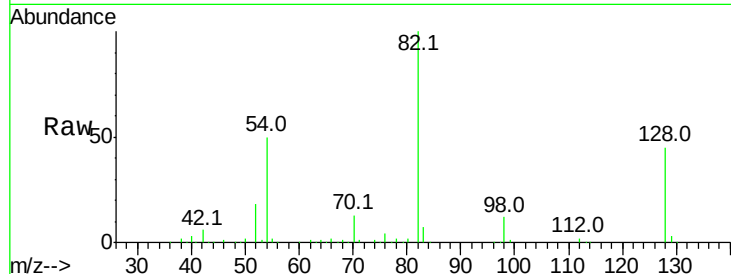




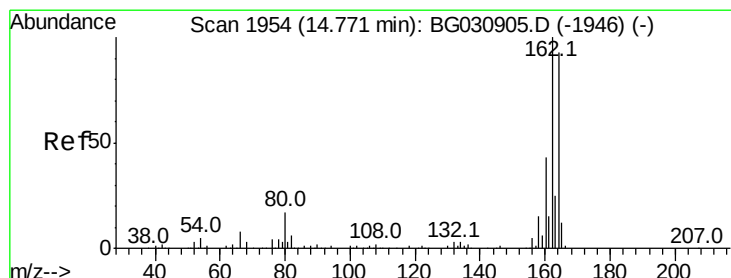
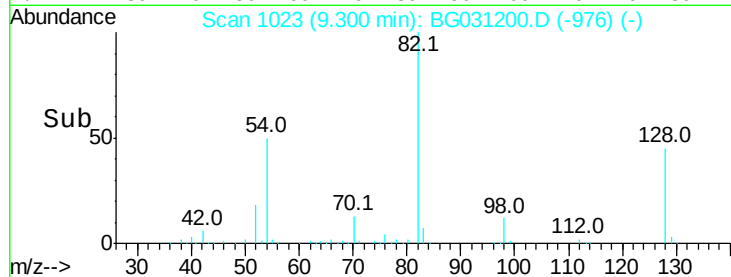
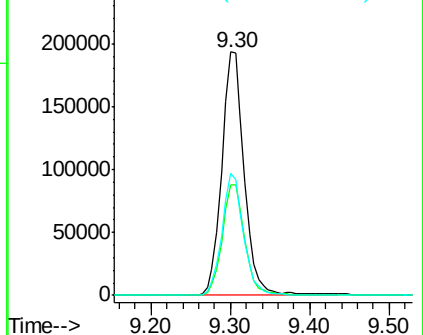
#23
Nitrobenzene-d5
Concen: 88.567 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG031200.D
Acq: 22 Nov 2017 21:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.2	29.7	44.5#
54	49.9	43.1	64.7

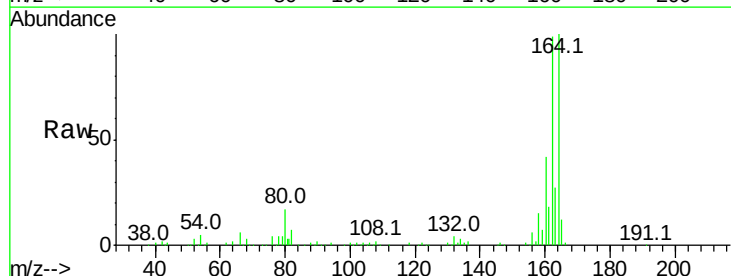


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

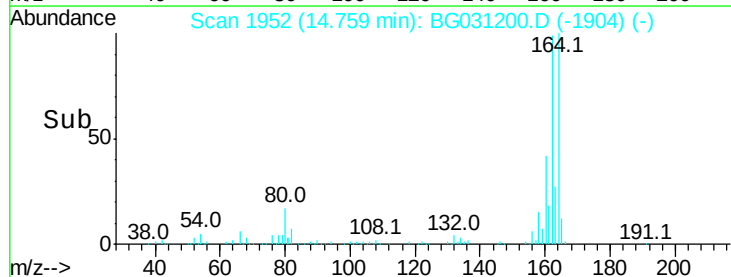
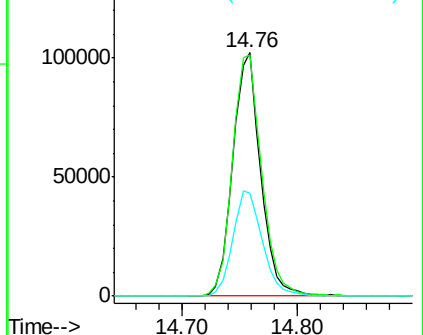


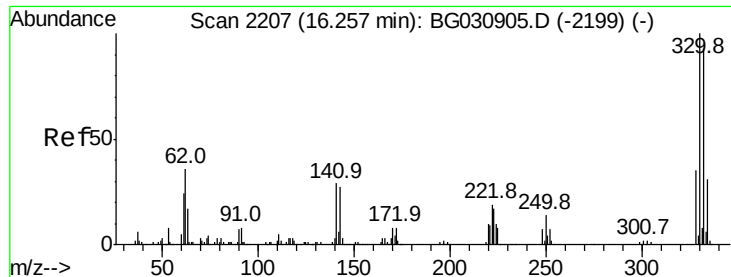
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BG031200.D
Acq: 22 Nov 2017 21:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.2	78.8	118.2
160	42.2	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

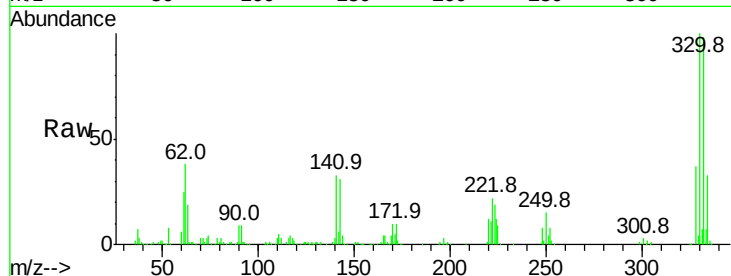




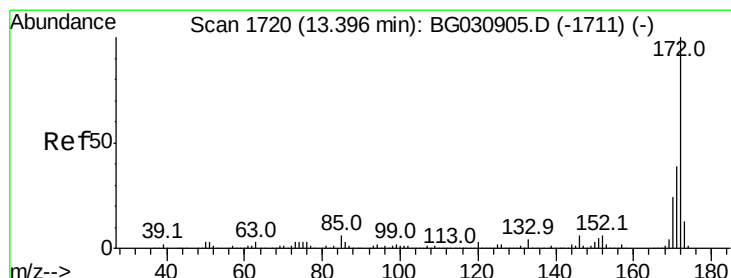
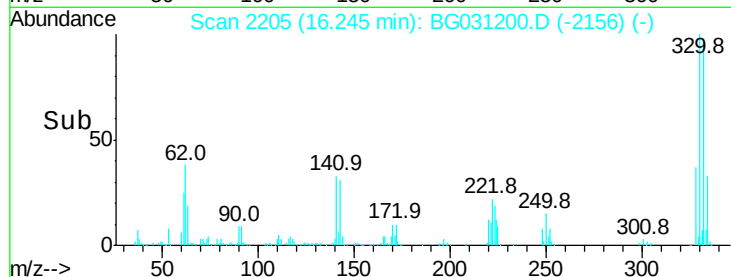
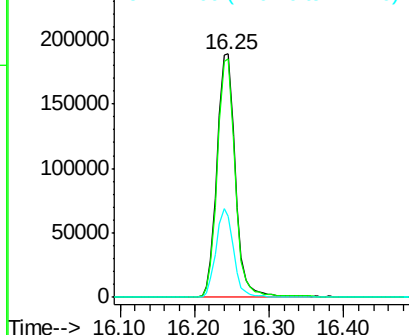
#41
 2,4,6-Tribromophenol
 Concen: 117.383 ng
 RT: 16.25 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031200.D
 Acq: 22 Nov 2017 21:48

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	34.5	25.2	37.8

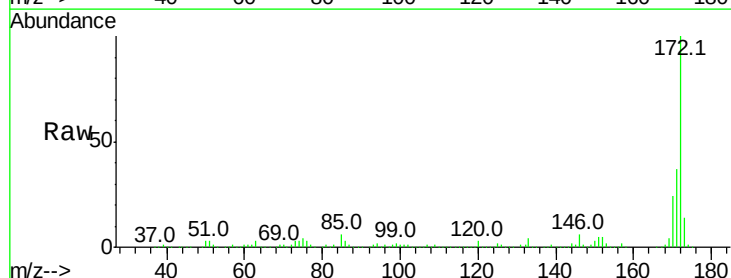


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

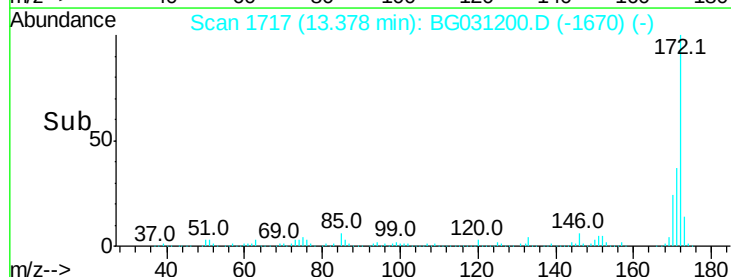
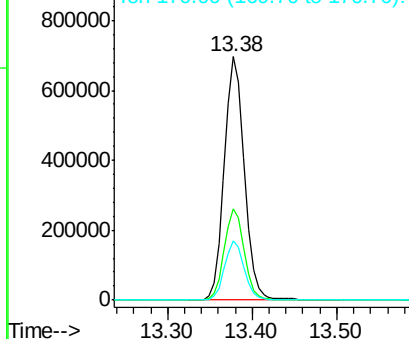


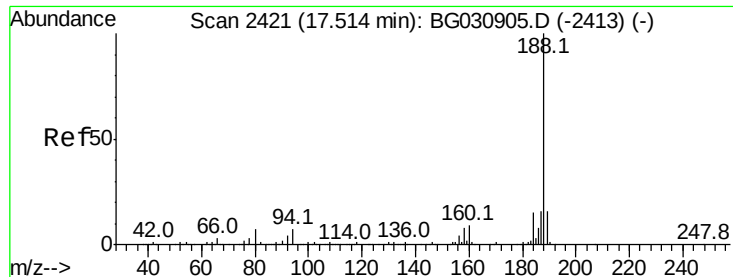
#44
 2-Fluorobiphenyl
 Concen: 96.120 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031200.D
 Acq: 22 Nov 2017 21:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	24.4	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

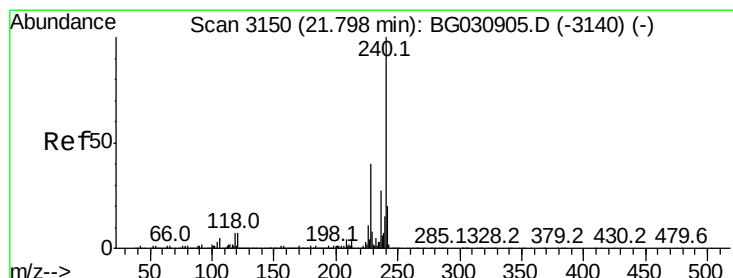
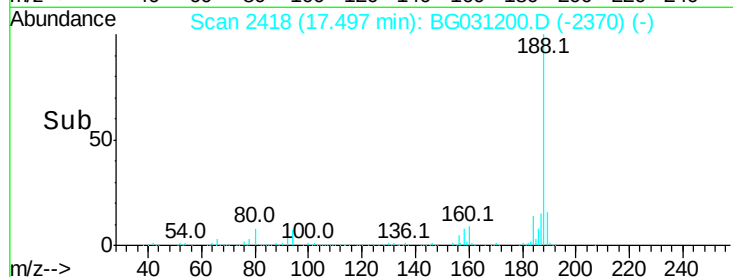
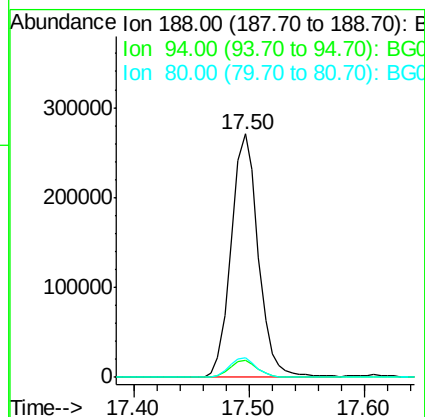
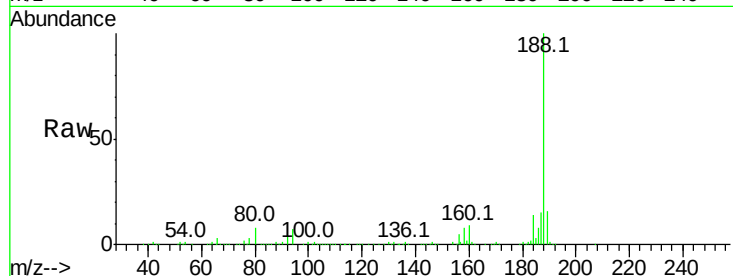




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031200.D
Acq: 22 Nov 2017 21:48

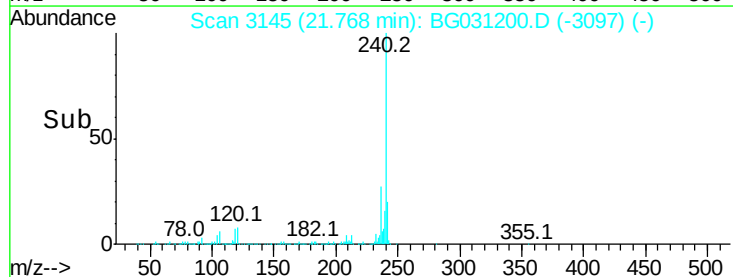
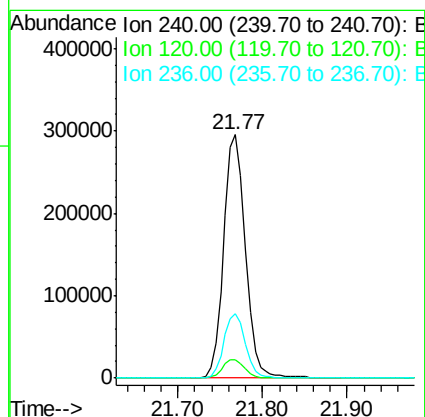
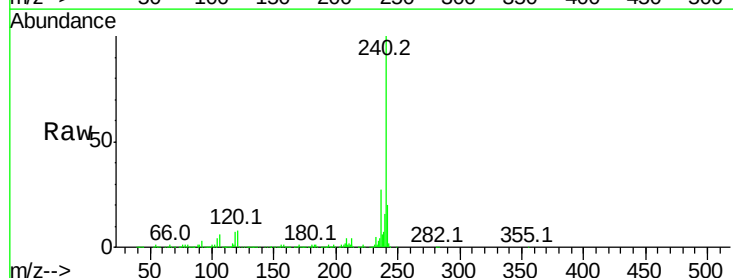
Instrument :
BNA_G
ClientSampleId :

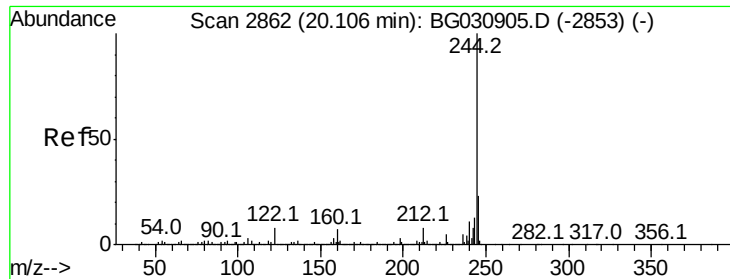
Tot Ion:188 Resp: 442487
Ion Ratio Lower Upper
188 100
94 7.1 6.9 10.3
80 7.8 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG031200.D
Acq: 22 Nov 2017 21:48

Tgt Ion:240 Resp: 528039
Ion Ratio Lower Upper
240 100
120 7.7 6.8 10.2
236 26.6 20.9 31.3





#78

Terphenyl-d14

Concen: 86.172 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031200.D

Acq: 22 Nov 2017 21:48

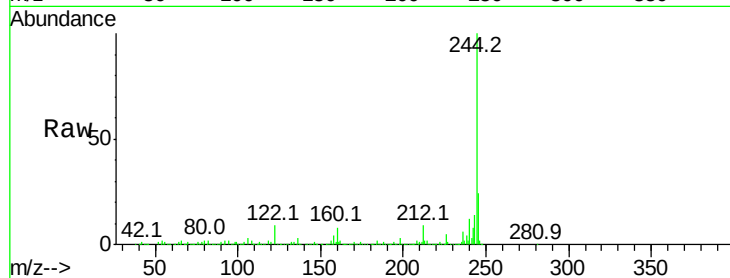
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 2060715

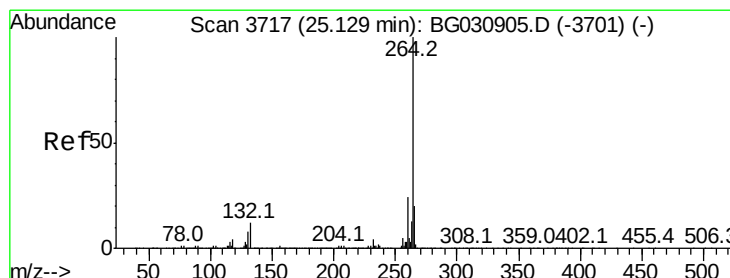
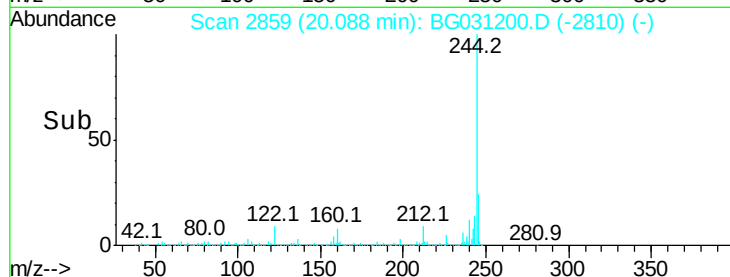
Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.8	8.8#
122	9.1	7.0	10.4



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: 25.06 min Scan# 3705

Delta R.T. -0.03 min

Lab File: BG031200.D

Acq: 22 Nov 2017 21:48

Tgt Ion:264 Resp: 509482

Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	21.5	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

