

Data Path : Z:\HPCHEM1\BNA G\DATA\BG113017\
 Data File : BG031304.D
 Acq On : 1 Dec 2017 1:23
 Operator : SJ/JU
 Sample : I6635-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 01 03:20:07 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	8.13	152	73217	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	307382	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	200039	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	526905	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	582753	20.00	ng	-0.02
86) Perylene-d12	25.06	264	557807	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	167412	39.21	ng	-0.02
7) Phenol-d6	7.30	99	131272	22.82	ng	-0.01
23) Nitrobenzene-d5	9.30	82	430611	83.01	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	241954	74.77	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1273366	91.47	ng	-0.02
78) Terphenyl-d14	20.09	244	2035615	77.13	ng	-0.01

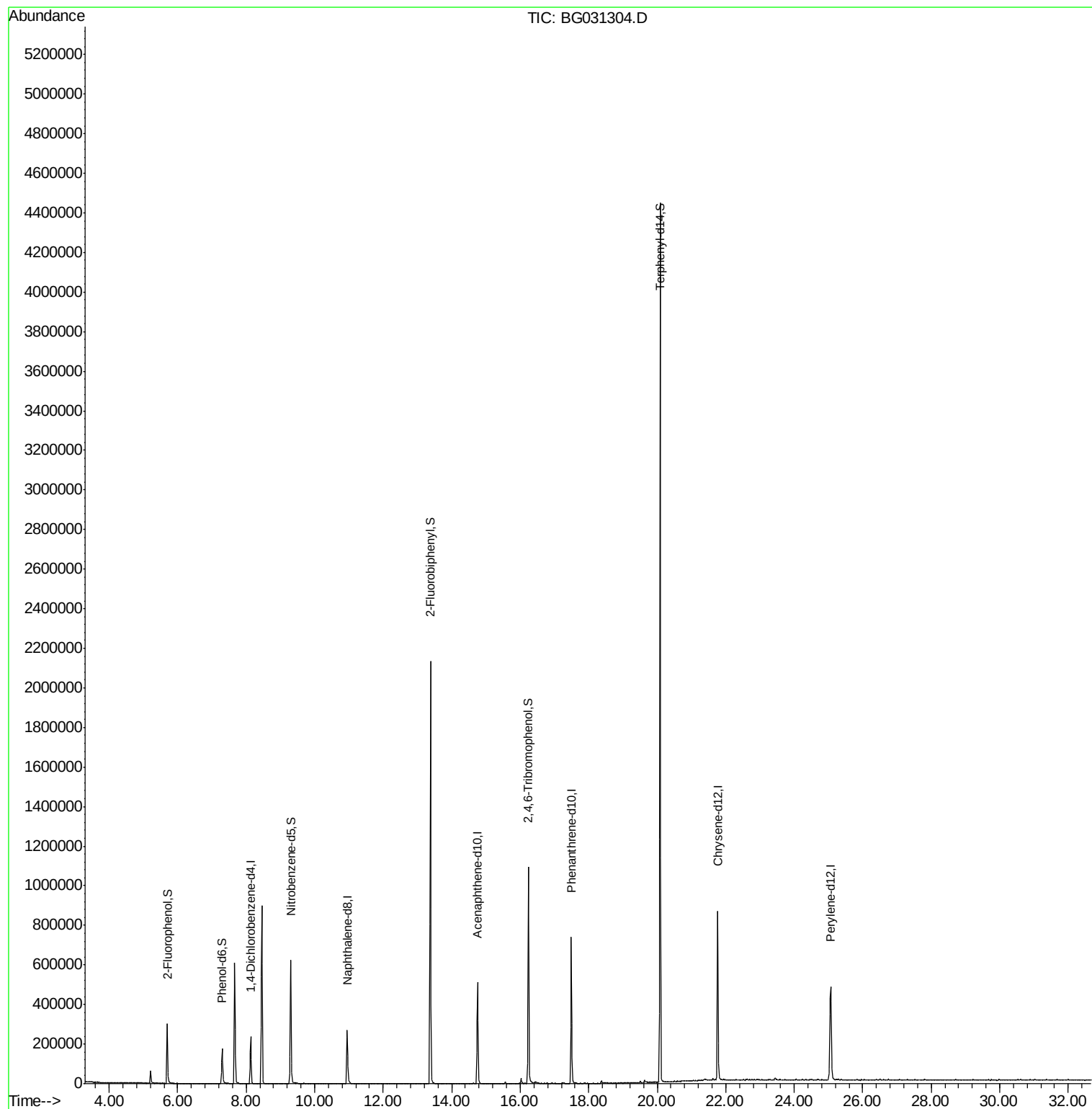
Target Compounds Qvalue

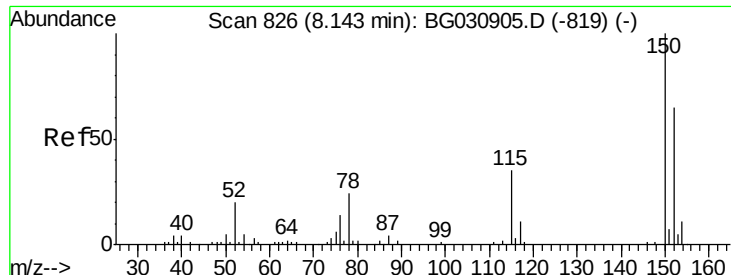
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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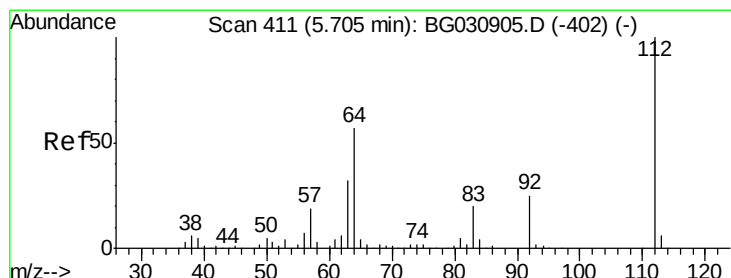
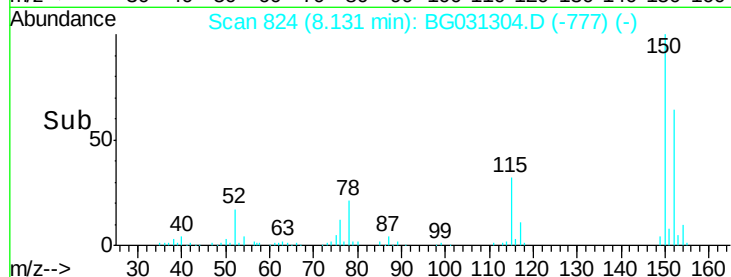
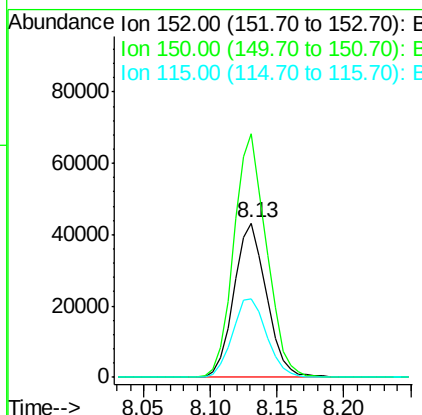
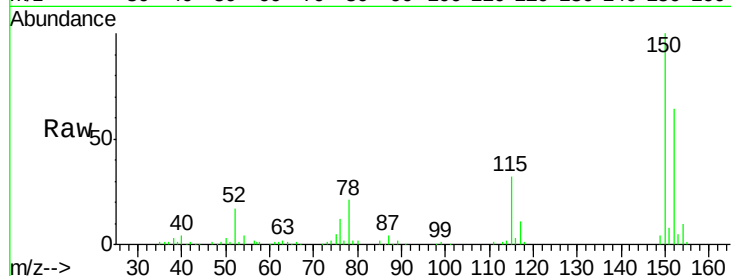


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031304.D
Acq: 1 Dec 2017 1:23

Instrument :
BNA_G
ClientSampled :

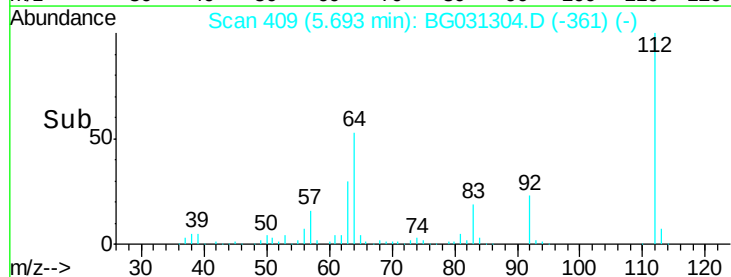
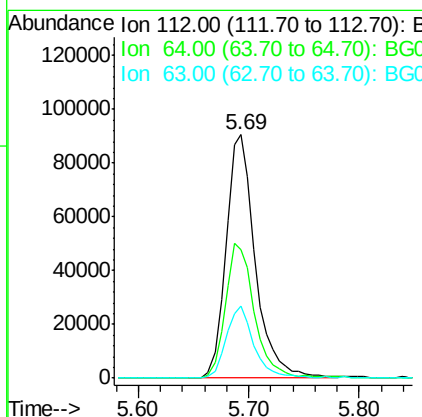
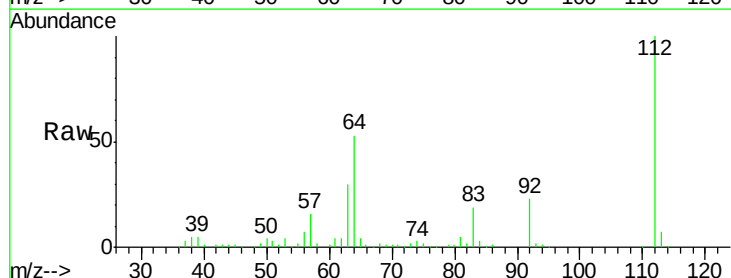
Tot Ion:152 Resp: 73217
Ion Ratio Lower Upper
152 100
150 157.5 126.6 189.8
115 50.5 53.0 79.4#

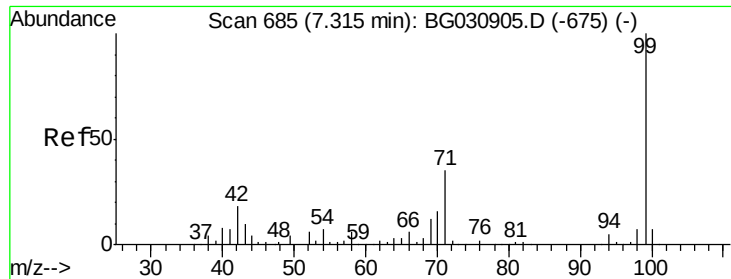


#5

2-Fluorophenol
Concen: 39.21 ng
RT: 5.69 min Scan# 409
Delta R.T. -0.02 min
Lab File: BG031304.D
Acq: 1 Dec 2017 1:23

Tgt Ion:112 Resp: 167412
Ion Ratio Lower Upper
112 100
64 52.6 56.3 84.5#
63 29.6 30.1 45.1#





#7

Phenol-d6

Concen: 22.82 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031304.D

Acq: 1 Dec 2017 1:23

Instrument :

BNA_G

ClientSampleId :

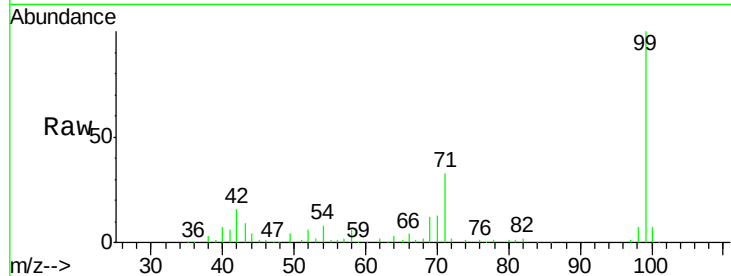
Tot Ion: 99 Resp: 131272

Ion Ratio Lower Upper

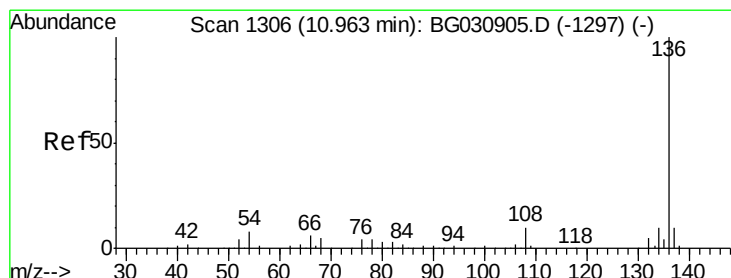
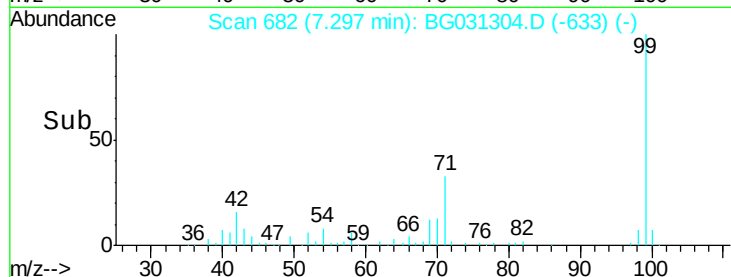
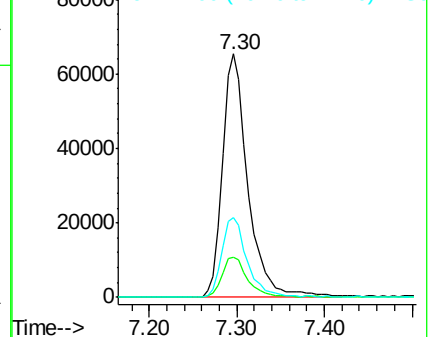
99 100

42 16.3 14.1 21.1

71 32.7 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.95 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BG031304.D

Acq: 1 Dec 2017 1:23

Tgt Ion: 136 Resp: 307382

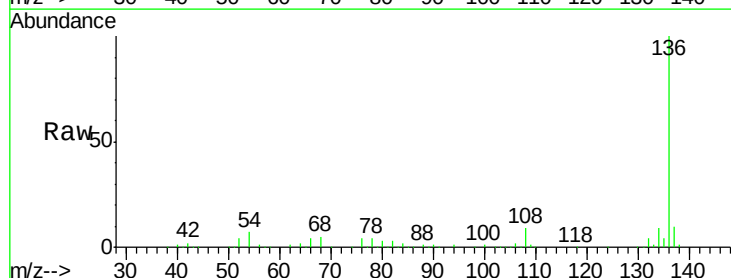
Ion Ratio Lower Upper

136 100

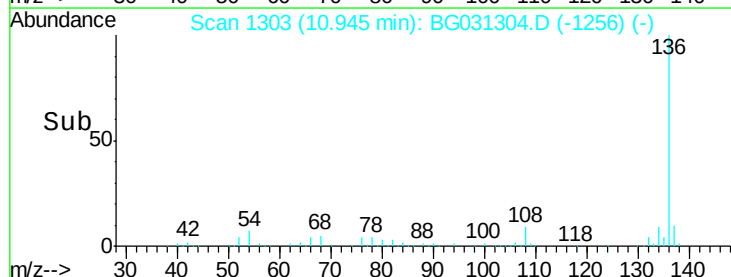
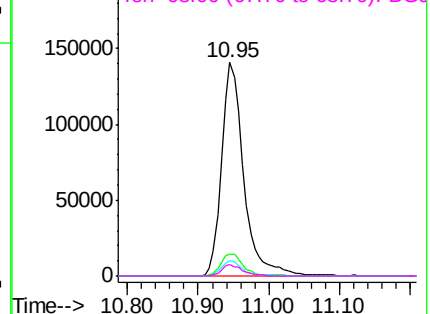
137 10.3 9.2 13.8

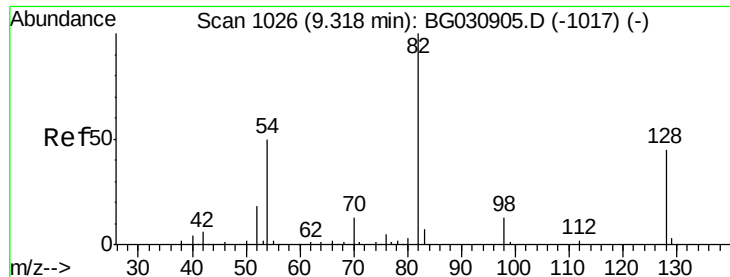
54 7.2 10.3 15.5#

68 5.5 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

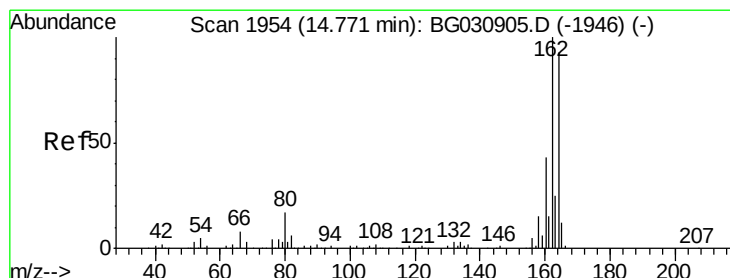
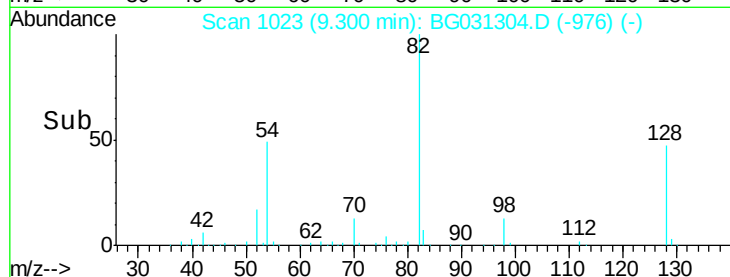
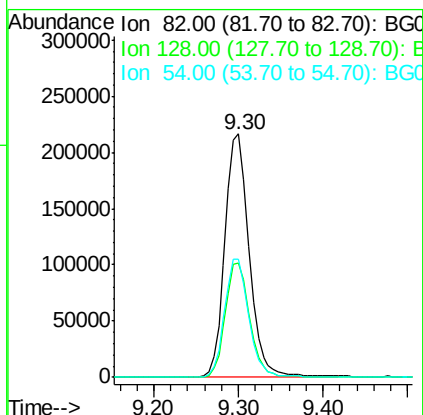
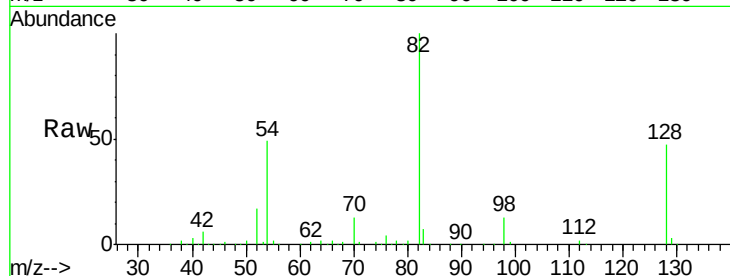




#23
 Nitrobenzene-d5
 Concen: 83.01 ng
 RT: 9.30 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BG031304.D
 Acq: 1 Dec 2017 1:23

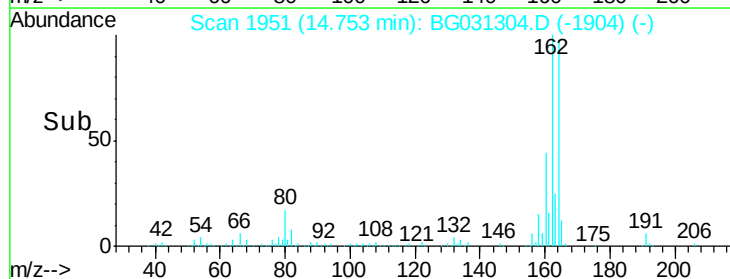
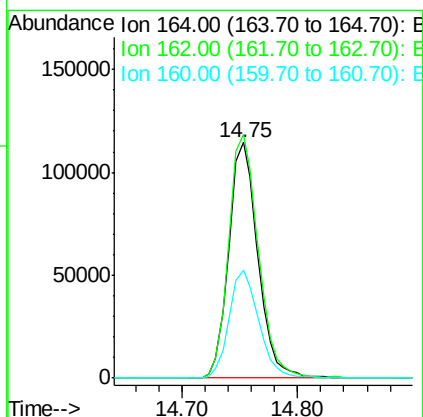
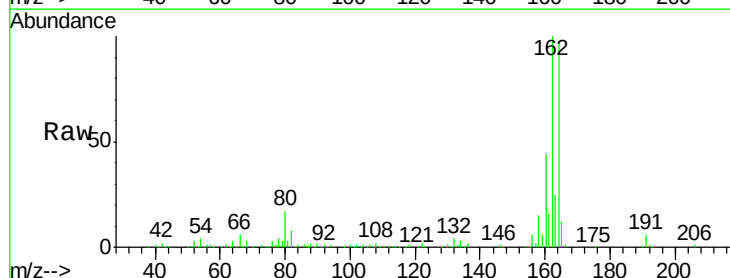
Instrument :
 BNA_G
 ClientSampled :

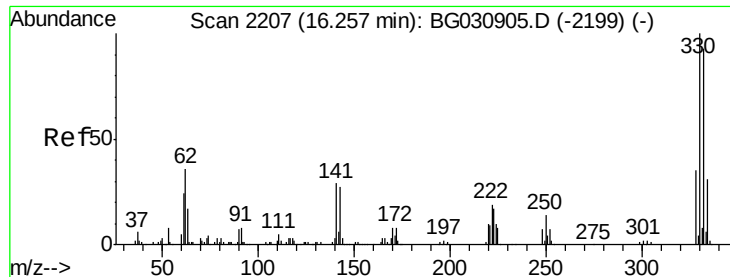
Tot Ion	82	Resp	430611
Ion Ratio	100		
Lower	29.7		
Upper	44.5		
128	46.8		
54	48.7		



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. -0.02 min
 Lab File: BG031304.D
 Acq: 1 Dec 2017 1:23

Tgt Ion	164	Resp	200039
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td>78.8</td> <td></td> <td></td>	78.8		
Upper <td>118.2</td> <td></td> <td></td>	118.2		
162	103.3		
160	46.0		





#41

2,4,6-Tribromophenol

Concen: 74.77 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG031304.D

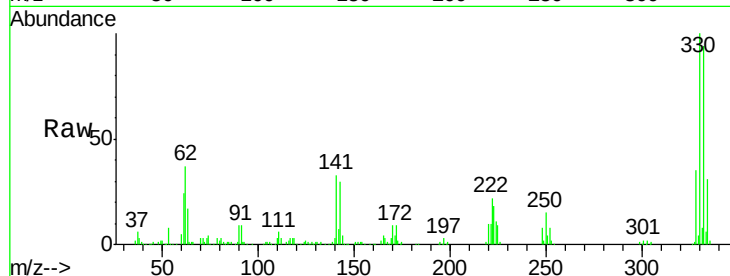
Acq: 1 Dec 2017 1:23

Instrument :

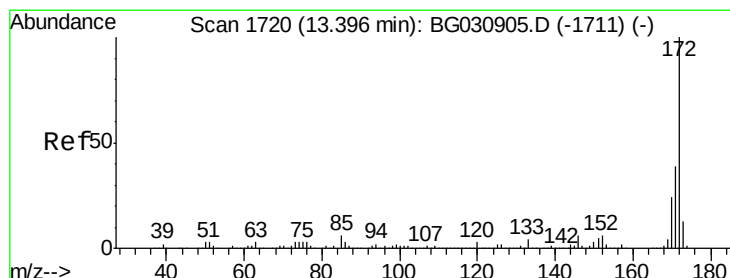
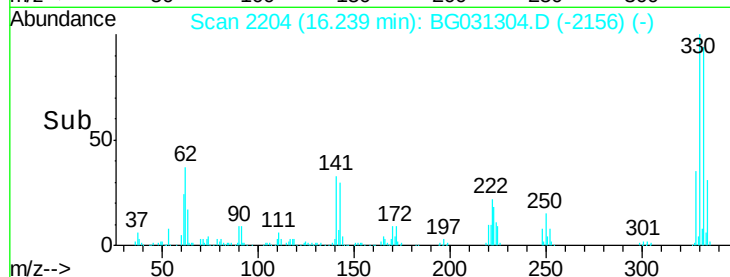
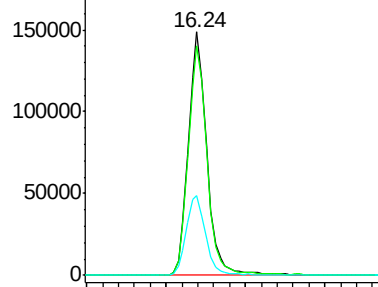
BNA_G

ClientSampleId :

Tot Ion:	330	Resp:	241954
Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	34.4	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: 91.47 ng

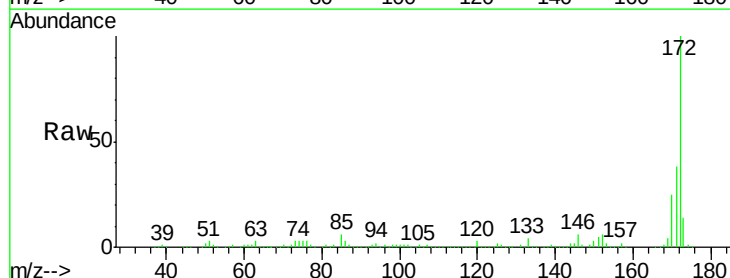
RT: 13.38 min Scan# 1717

Delta R.T. -0.02 min

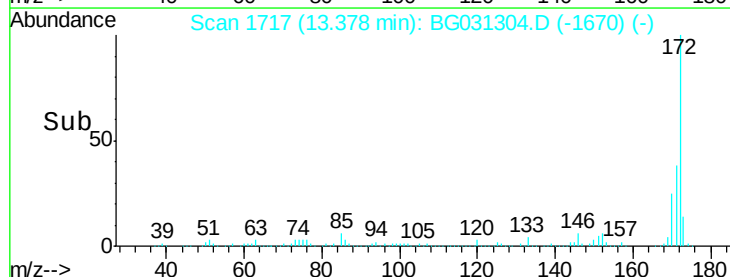
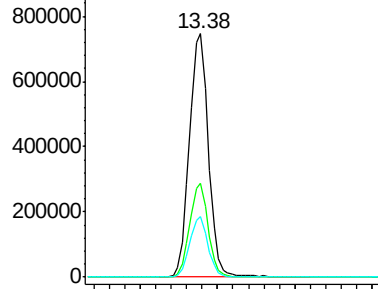
Lab File: BG031304.D

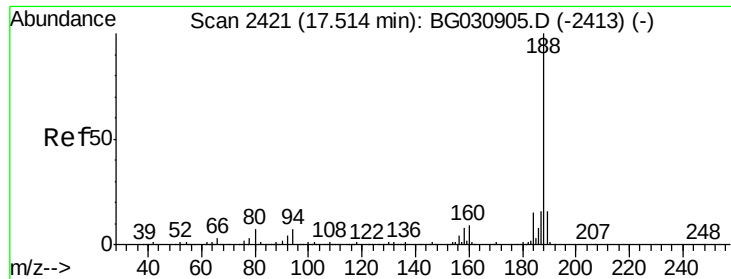
Acq: 1 Dec 2017 1:23

Tgt Ion:	172	Resp:	1273366
Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	24.9	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

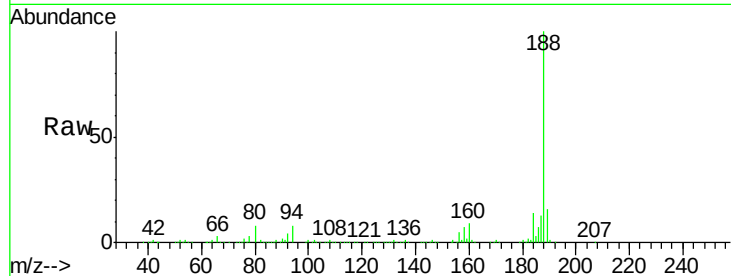




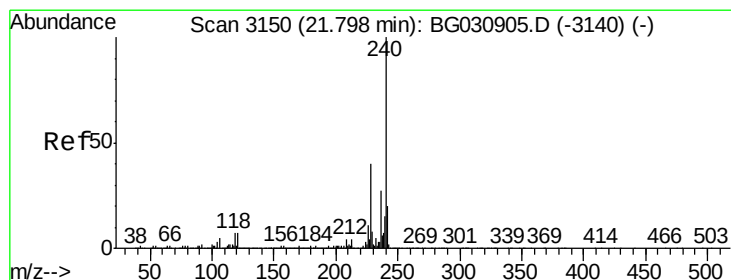
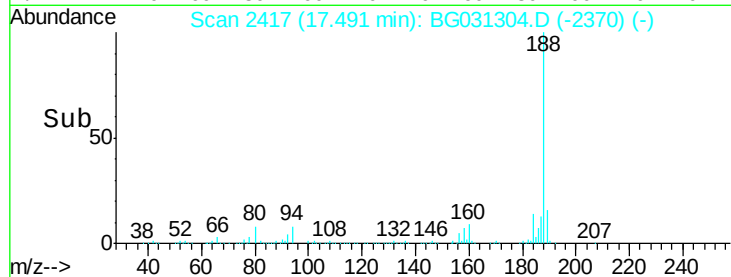
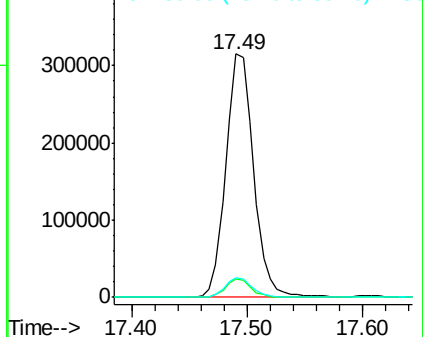
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG031304.D
Acq: 1 Dec 2017 1:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 526905
Ion Ratio Lower Upper
188 100
94 7.7 6.9 10.3
80 7.9 7.7 11.5

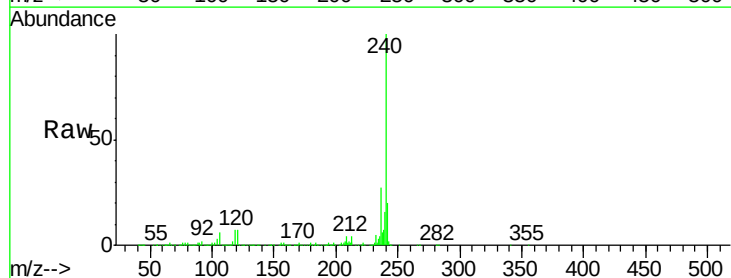


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

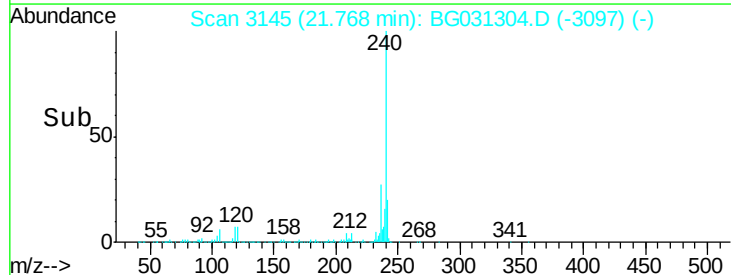
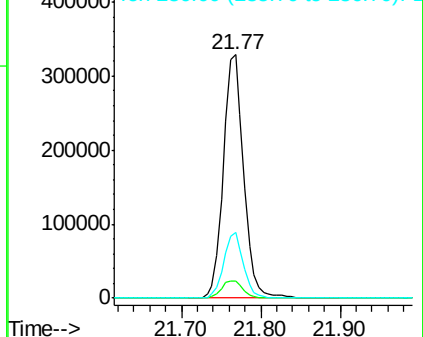


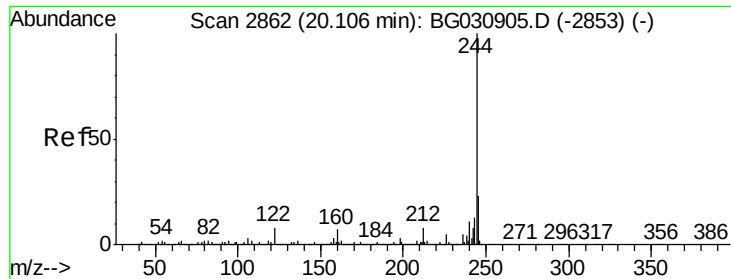
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG031304.D
Acq: 1 Dec 2017 1:23

Tgt Ion:240 Resp: 582753
Ion Ratio Lower Upper
240 100
120 7.1 6.8 10.2
236 26.9 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: 77.13 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031304.D

Acq: 1 Dec 2017 1:23

Instrument :

BNA_G

ClientSampleId :

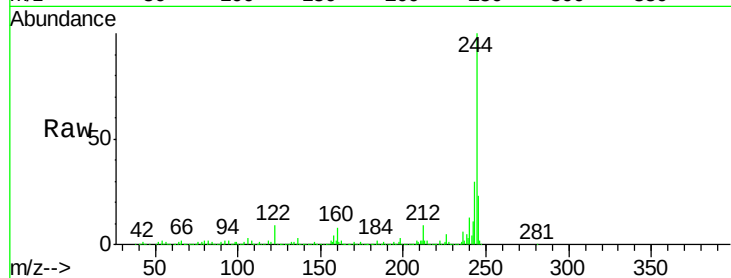
Tot Ion:244 Resp: 2035615

Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.8	8.8#
122	8.9	7.0	10.4

244 100

212 8.8 5.8 8.8#

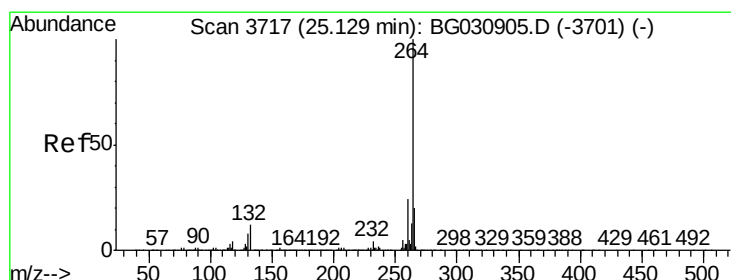
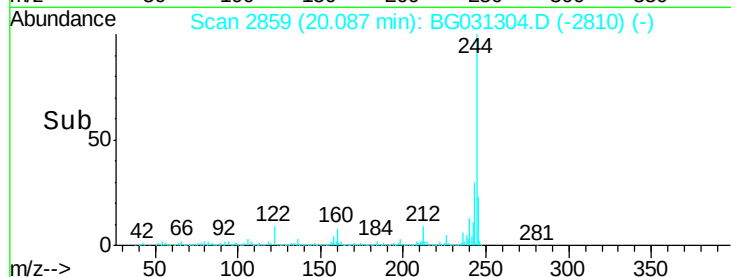
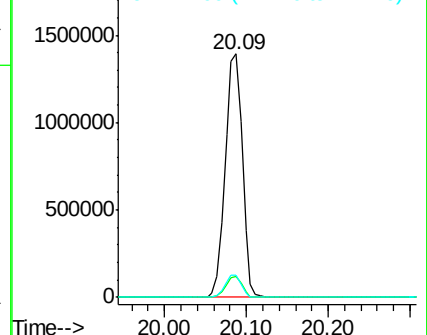
122 8.9 7.0 10.4



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: 20.00 ng

RT: 25.06 min Scan# 3706

Delta R.T. -0.03 min

Lab File: BG031304.D

Acq: 1 Dec 2017 1:23

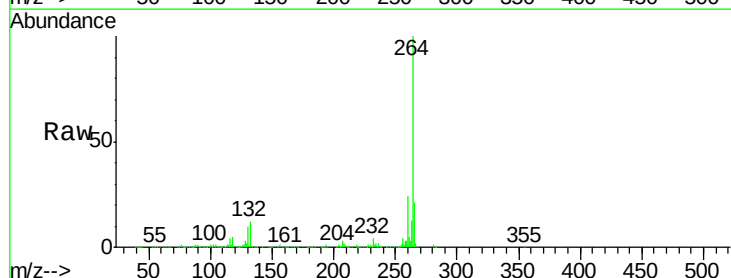
Tgt Ion:264 Resp: 557807

Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	21.2	17.7	26.5

264 100

260 24.2 17.4 26.0

265 21.2 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

