

Data Path : Z:\HPCHEM1\BNA G\DATA\BG113017\
 Data File : BG031314.D
 Acq On : 1 Dec 2017 7:43
 Operator : SJ/JU
 Sample : I6636-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 01 08:23:41 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	64351	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	269684	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	180371	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	480632	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	556007	20.00	ng	-0.02
86) Perylene-d12	25.06	264	547266	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	181989	48.49	ng	-0.02
7) Phenol-d6	7.29	99	147620	29.20	ng	-0.01
23) Nitrobenzene-d5	9.30	82	421317	92.57	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	247684	84.89	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1244064	99.11	ng	-0.02
78) Terphenyl-d14	20.09	244	2204046	87.53	ng	-0.01

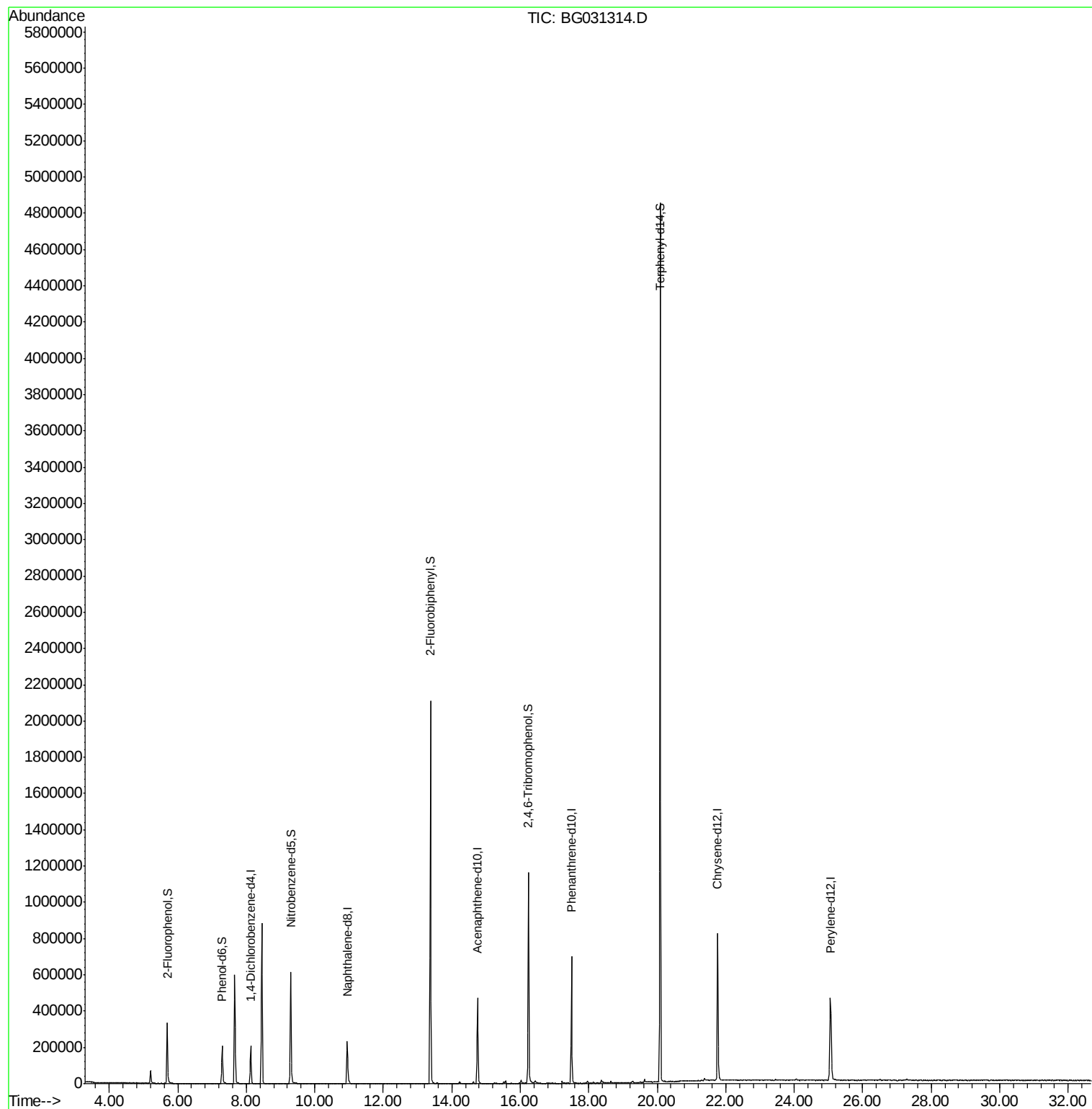
Target Compounds Qvalue

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

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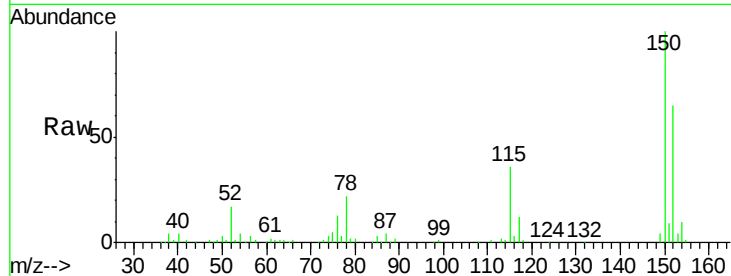


#1

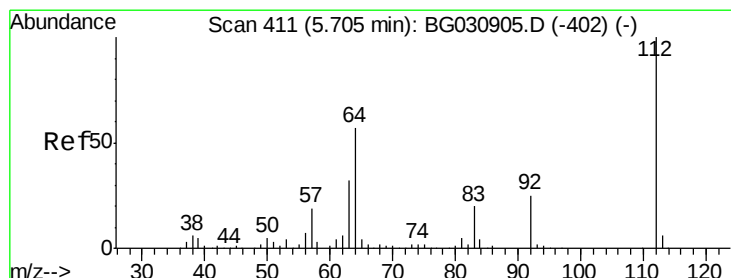
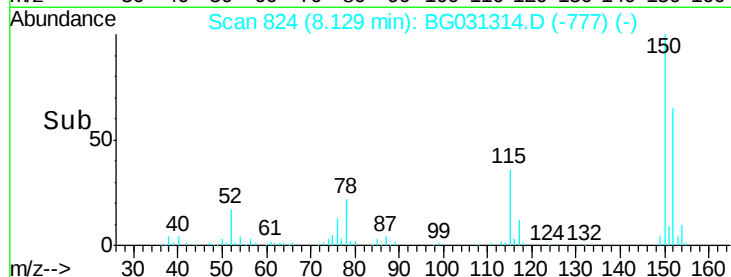
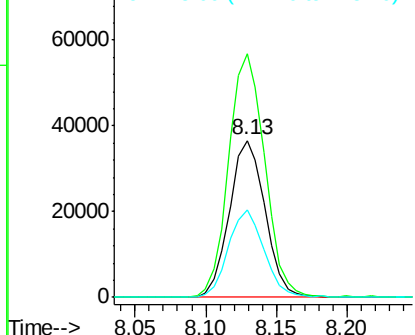
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031314.D
Acq: 1 Dec 2017 7:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 64351
Ion Ratio Lower Upper
152 100
150 155.0 126.6 189.8
115 55.9 53.0 79.4



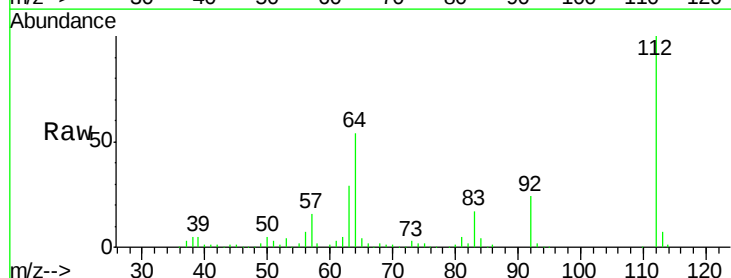
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



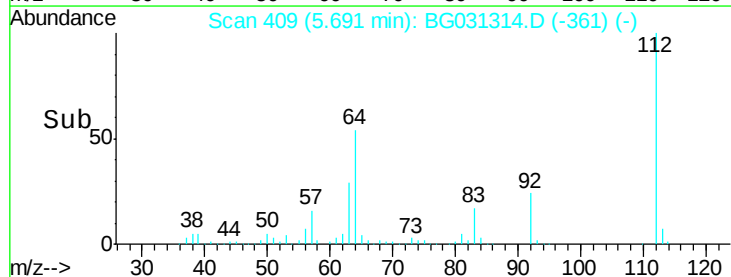
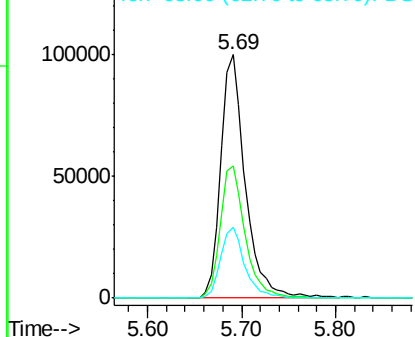
#5

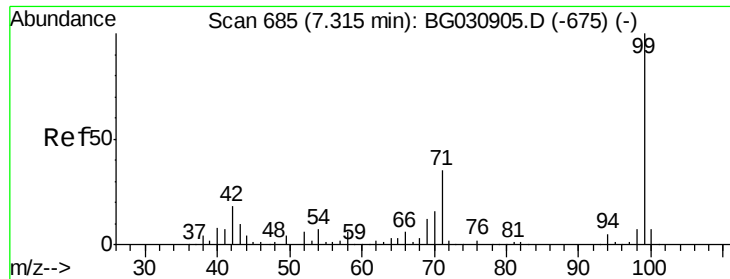
2-Fluorophenol
Concen: 48.49 ng
RT: 5.69 min Scan# 409
Delta R.T. -0.02 min
Lab File: BG031314.D
Acq: 1 Dec 2017 7:43

Tgt Ion:112 Resp: 181989
Ion Ratio Lower Upper
112 100
64 54.2 56.3 84.5#
63 29.2 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: 29.20 ng

RT: 7.29 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031314.D

Acq: 1 Dec 2017 7:43

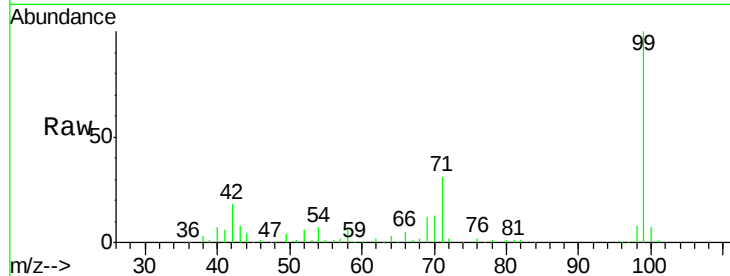
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 147620

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.1	21.1
71	30.9	26.1	39.1

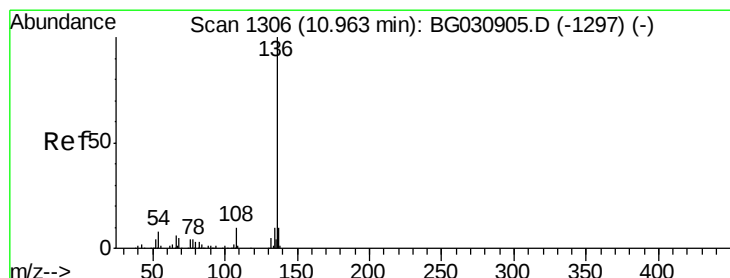
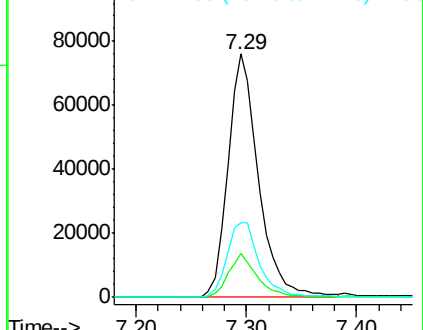
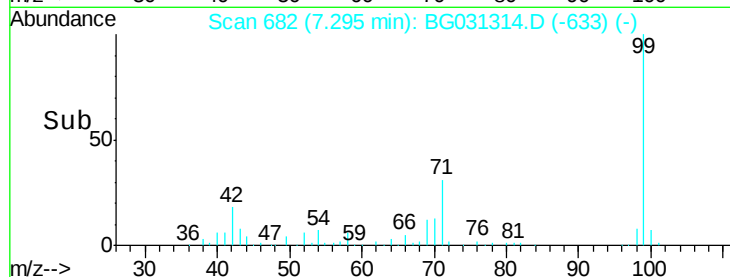


Abundance

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: 10.94 min Scan# 1303

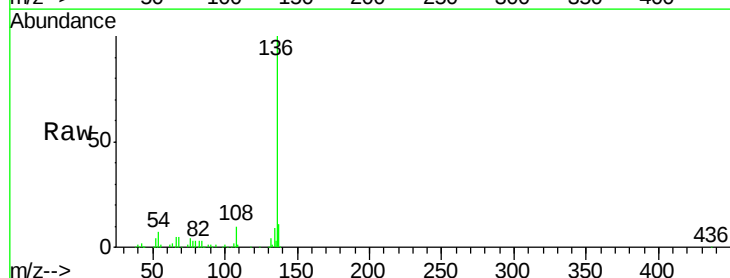
Delta R.T. -0.02 min

Lab File: BG031314.D

Acq: 1 Dec 2017 7:43

Tgt Ion: 136 Resp: 269684

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	7.0	10.3	15.5#
68	5.3	4.5	6.7



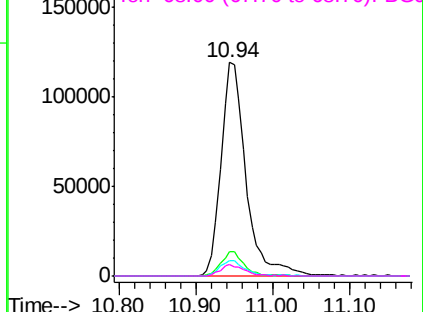
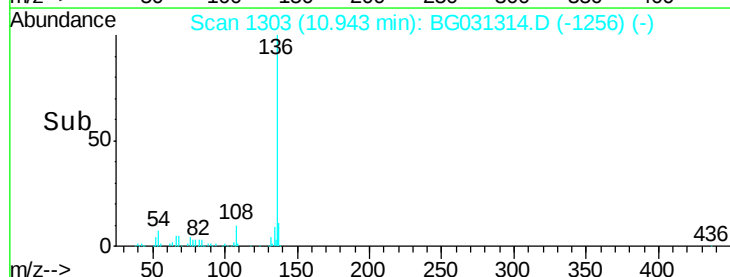
Abundance

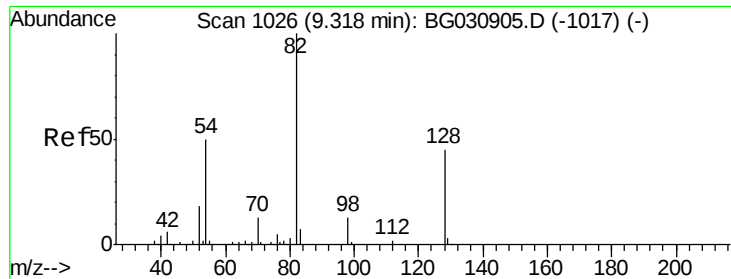
Ion 136.00 (135.70 to 136.70): BGC

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

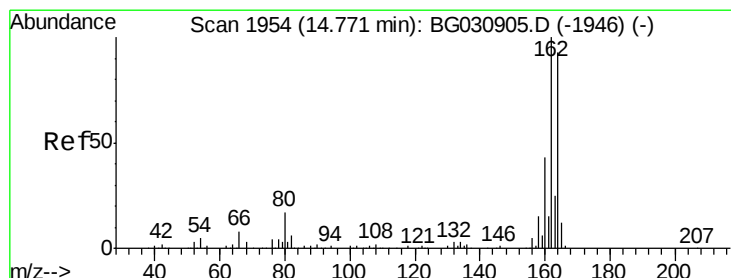
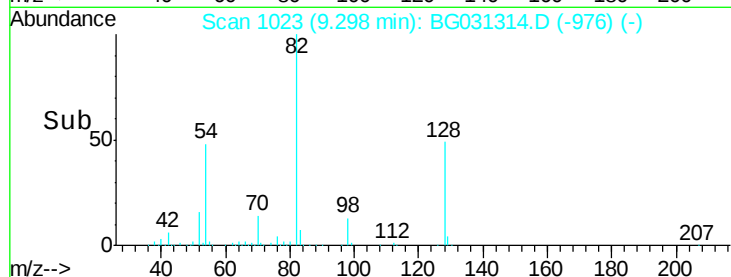
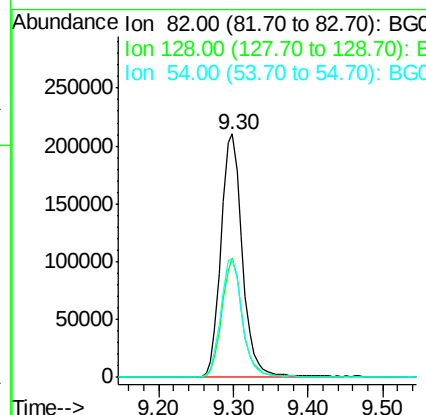
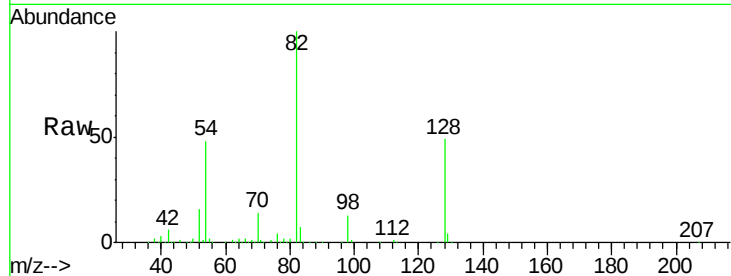




#23
Nitrobenzene-d5
Concen: 92.57 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG031314.D
Acq: 1 Dec 2017 7:43

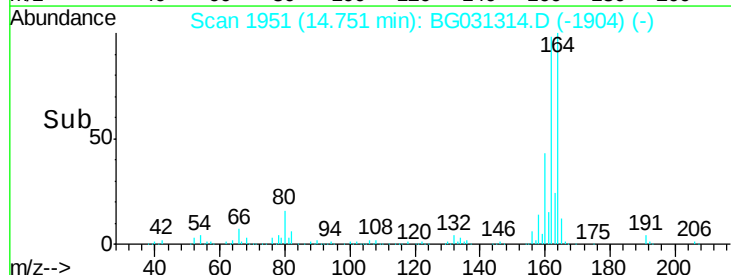
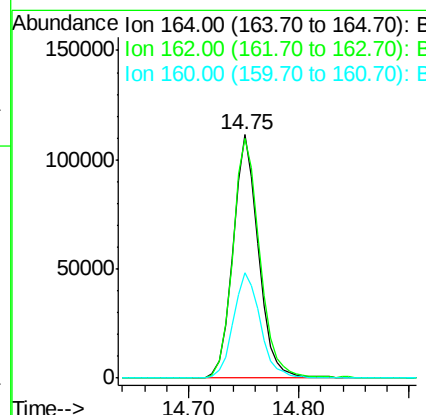
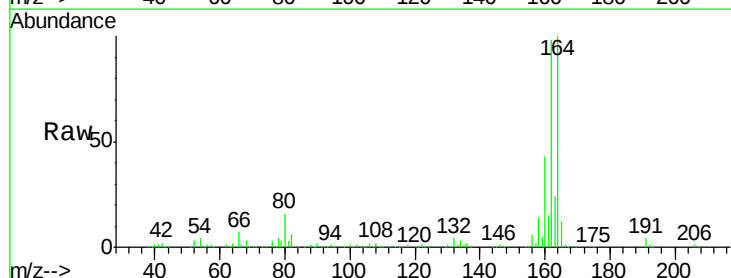
Instrument :
BNA_G
ClientSampleId :

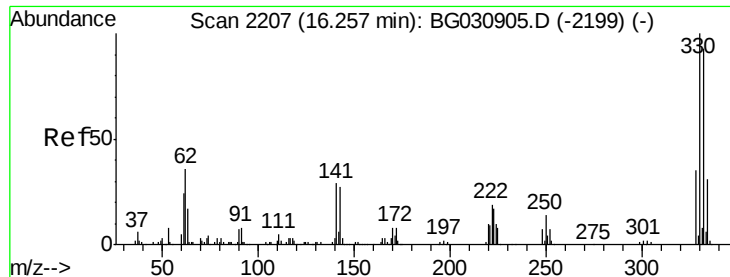
Tot Ion	82	Resp	421317
Ion Ratio	100	Lower	Upper
128	48.9	29.7	44.5#
54	48.4	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BG031314.D
Acq: 1 Dec 2017 7:43

Tgt Ion	164	Resp	180371
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	98.5	78.8	118.2
160	43.2	35.4	53.0

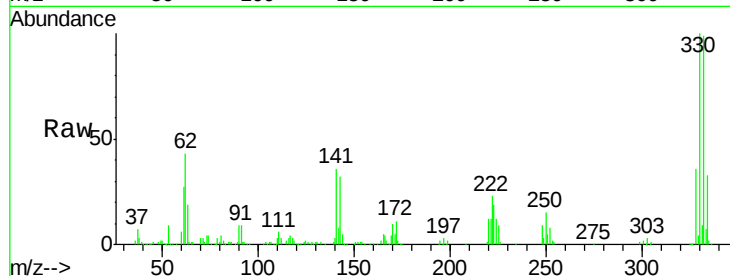




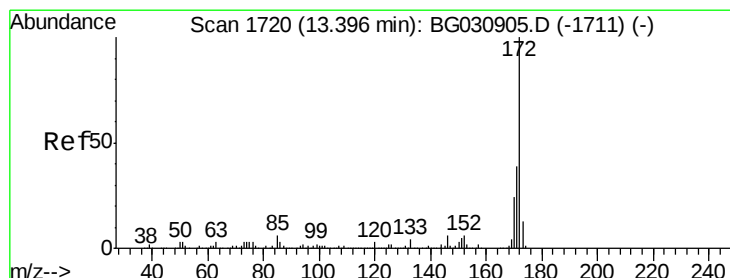
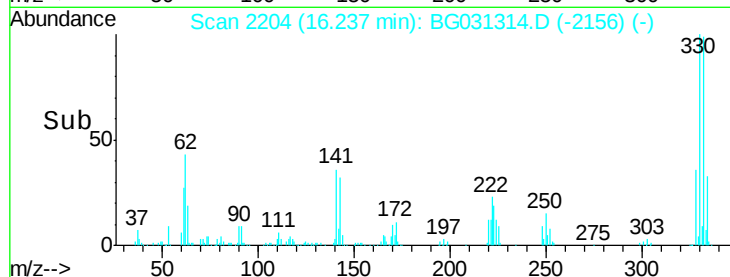
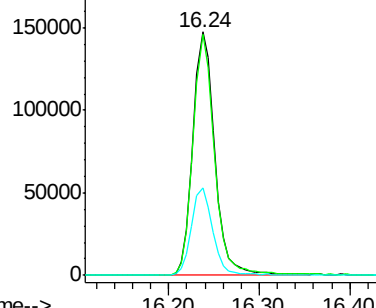
#41
 2,4,6-Tribromophenol
 Concen: 84.89 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031314.D
 Acq: 1 Dec 2017 7:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 247684
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.0 115.6
 141 34.6 25.2 37.8

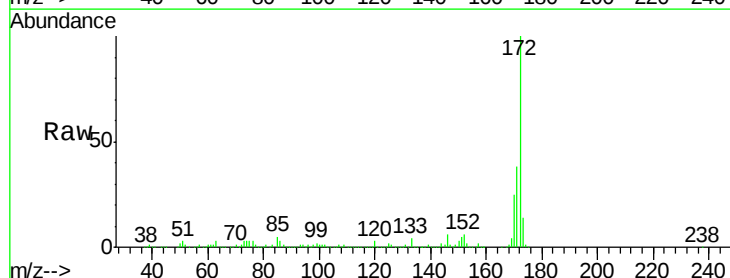


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

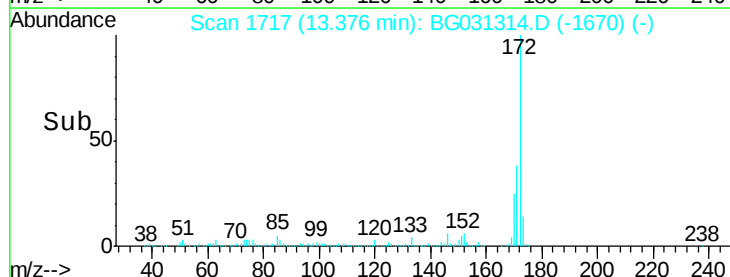
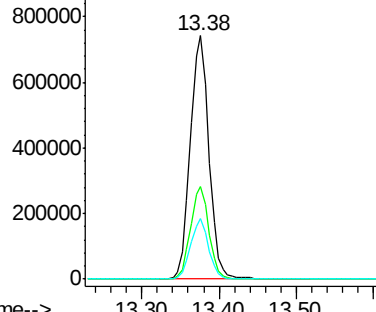


#44
 2-Fluorobiphenyl
 Concen: 99.11 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031314.D
 Acq: 1 Dec 2017 7:43

Tgt Ion:172 Resp: 1244064
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.0 45.0
 170 24.8 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

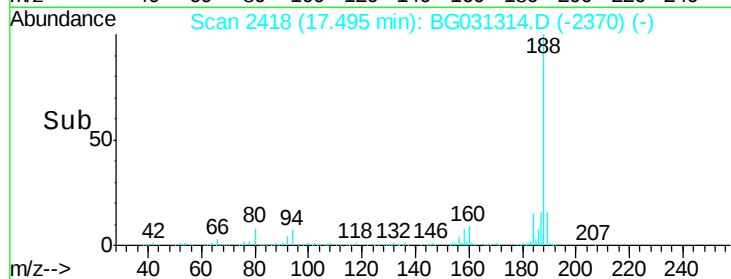
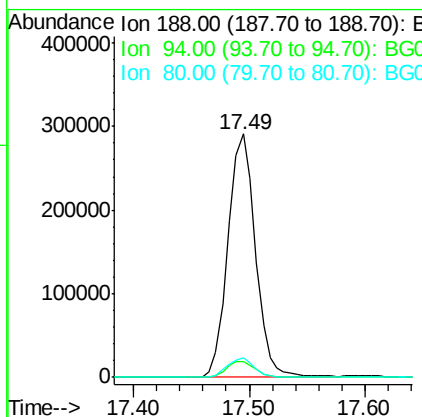
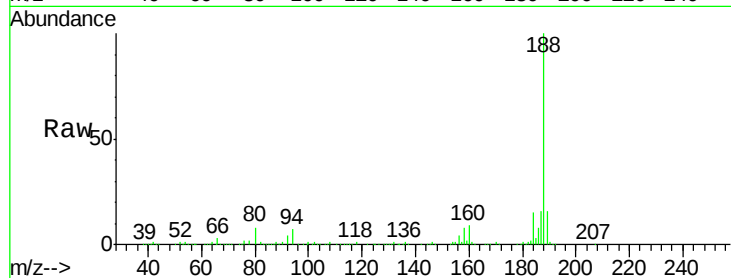




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031314.D
Acq: 1 Dec 2017 7:43

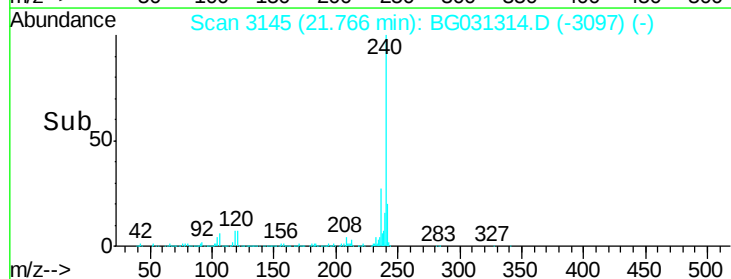
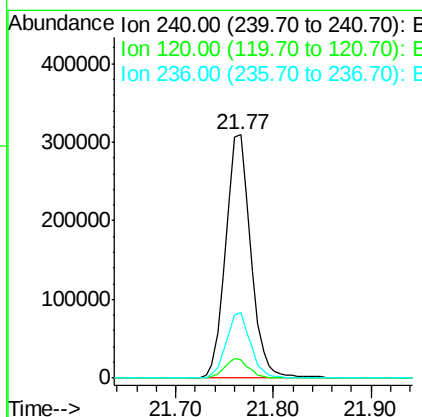
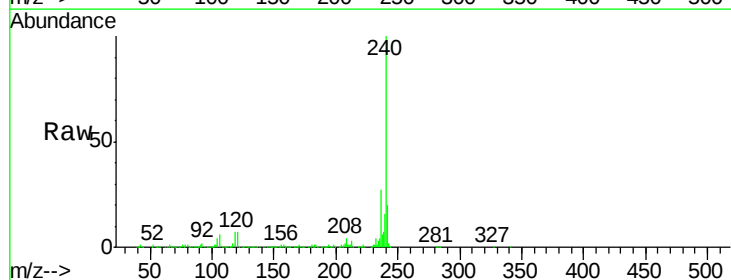
Instrument :
BNA_G
ClientSampleId :

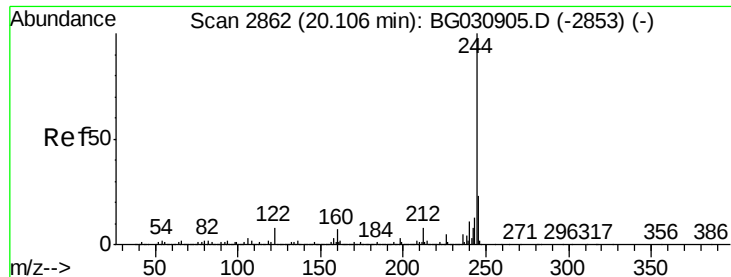
Tot Ion:188 Resp: 480632
Ion Ratio Lower Upper
188 100
94 6.7 6.9 10.3#
80 8.1 7.7 11.5



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG031314.D
Acq: 1 Dec 2017 7:43

Tgt Ion:240 Resp: 556007
Ion Ratio Lower Upper
240 100
120 7.4 6.8 10.2
236 27.2 20.9 31.3





#78

Terphenyl-d14

Concen: 87.53 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031314.D

Acq: 1 Dec 2017 7:43

Instrument :

BNA_G

ClientSampleId :

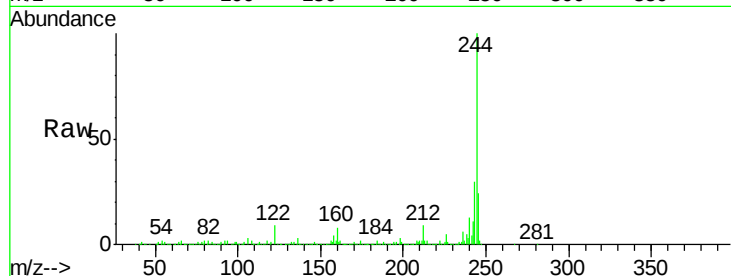
Tot Ion:244 Resp: 2204046

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

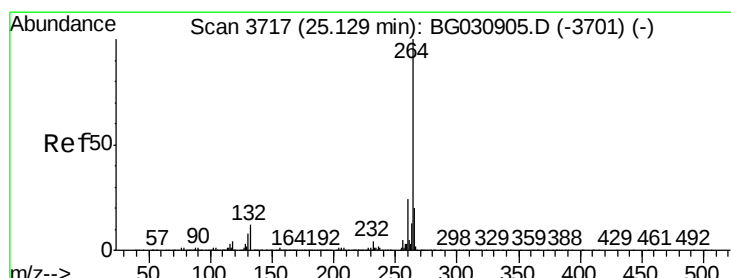
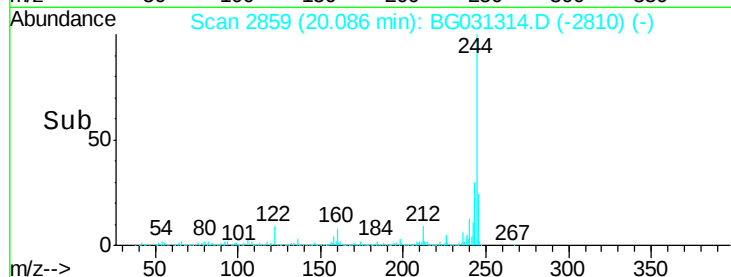
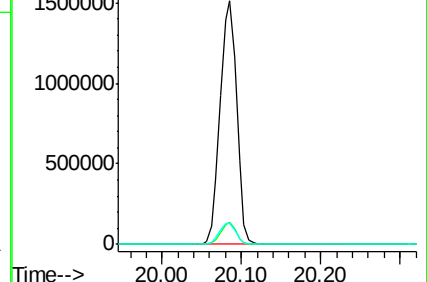
122 8.7 7.0 10.4



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: 20.00 ng

RT: 25.06 min Scan# 3706

Delta R.T. -0.03 min

Lab File: BG031314.D

Acq: 1 Dec 2017 7:43

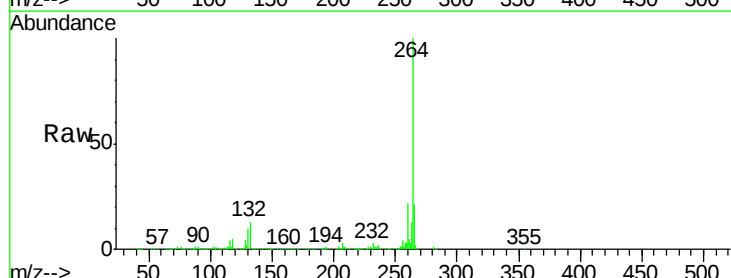
Tgt Ion:264 Resp: 547266

Ion Ratio Lower Upper

264 100

260 22.3 17.4 26.0

265 20.7 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

