

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120117\
 Data File : BG031338.D
 Acq On : 2 Dec 2017 4:30
 Operator : SJ/JU
 Sample : I6641-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Dec 02 05:46:35 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	63307	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	252288	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	169377	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	459886	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	541282	20.00	ng	-0.02
86) Perylene-d12	25.06	264	518752	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	470572	127.46	ng	-0.02
7) Phenol-d6	7.29	99	542775	109.13	ng	-0.01
23) Nitrobenzene-d5	9.30	82	381187	89.53	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	319607	116.65	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	1053102	89.34	ng	-0.03
78) Terphenyl-d14	20.08	244	2152817	87.82	ng	-0.02

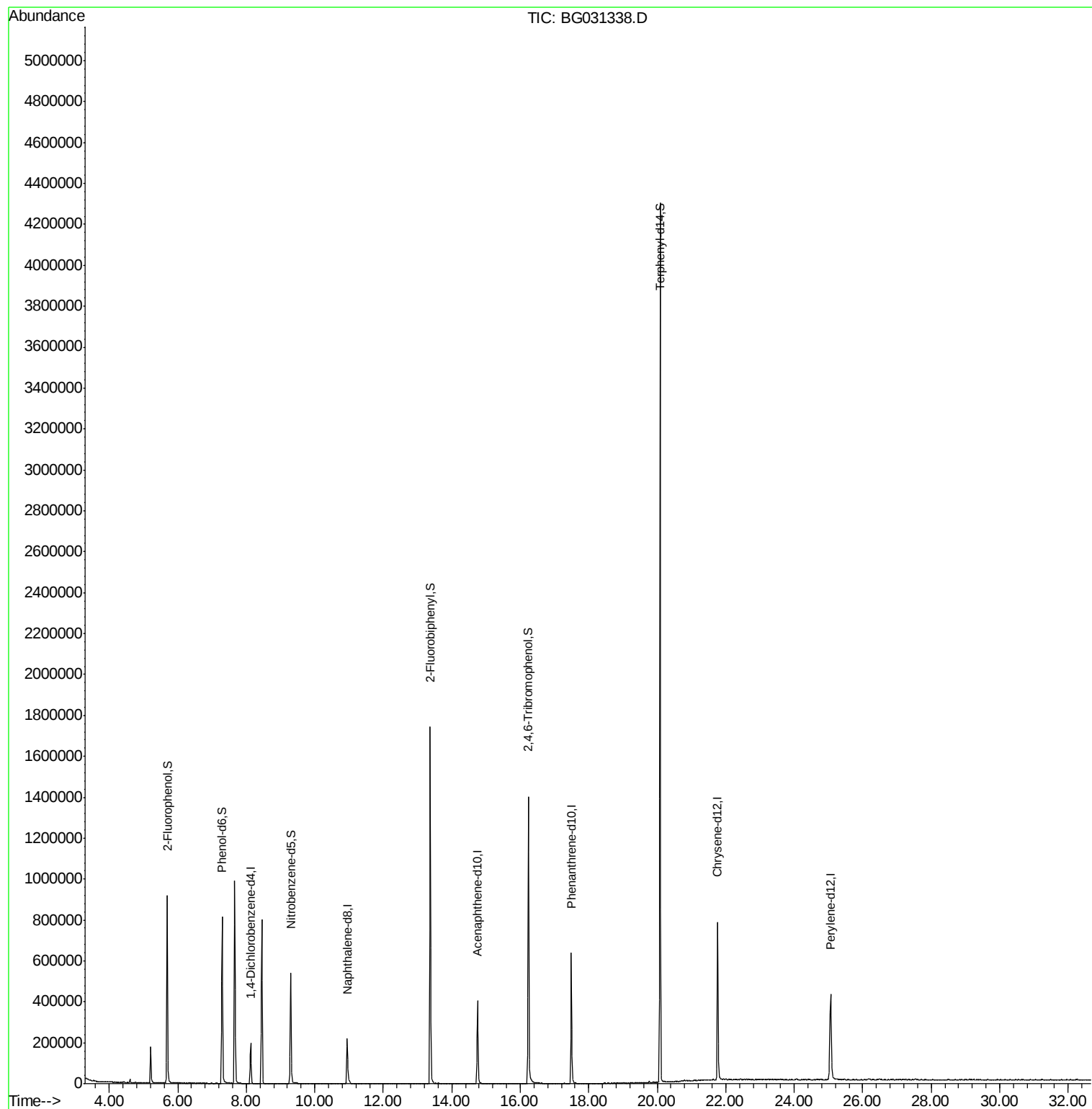
Target Compounds Qvalue

(#) = 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: BG031338.D

Acq: 2 Dec 2017 4:30

Instrument :

BNA_G

ClientSampleId :

TP-2

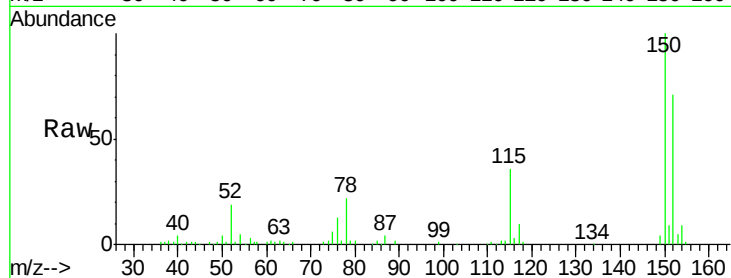
Tot Ion:152 Resp: 63307

Ion Ratio Lower Upper

152 100

150 140.2 126.6 189.8

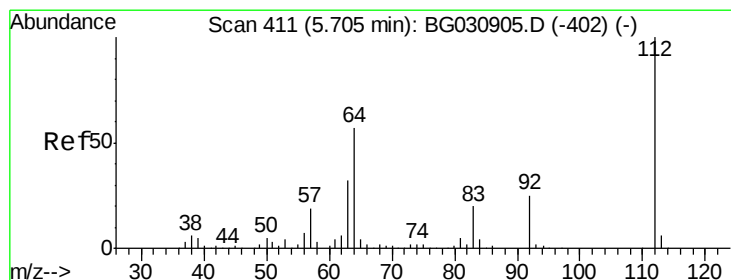
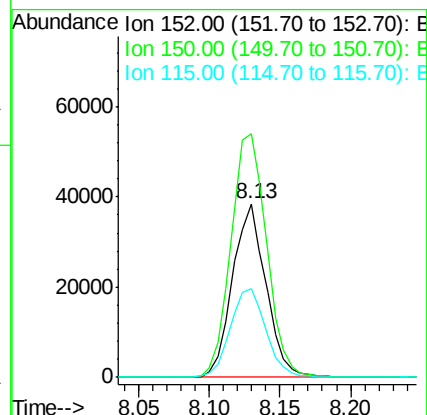
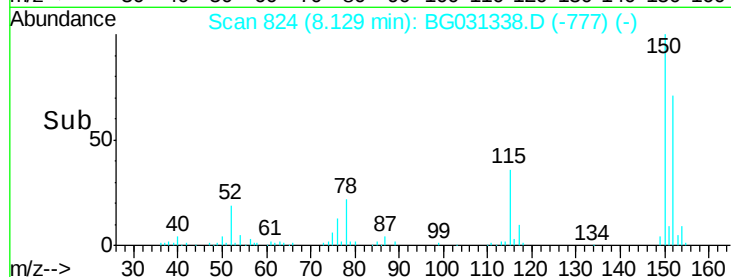
115 51.1 53.0 79.4#



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: 127.46 ng

RT: 5.69 min Scan# 409

Delta R.T. -0.02 min

Lab File: BG031338.D

Acq: 2 Dec 2017 4:30

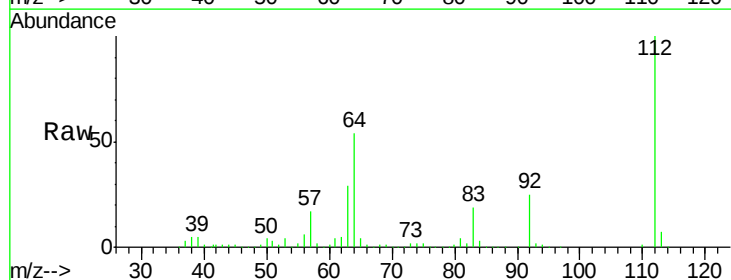
Tgt Ion:112 Resp: 470572

Ion Ratio Lower Upper

112 100

64 54.4 56.3 84.5#

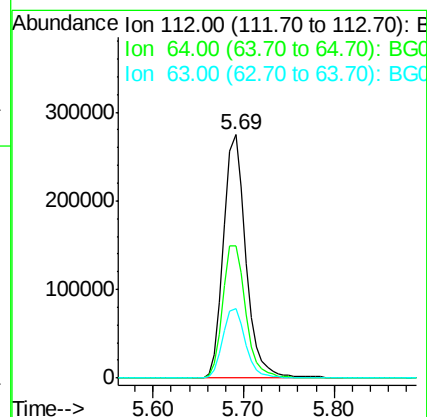
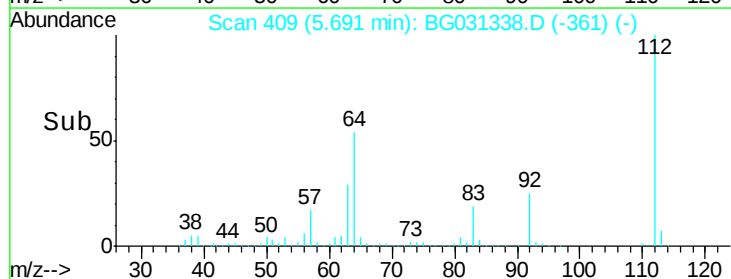
63 28.8 30.1 45.1#

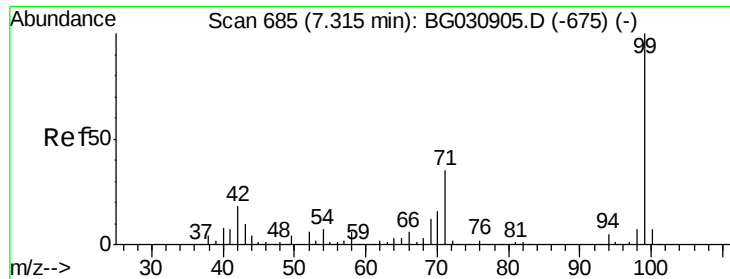


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 109.13 ng

RT: 7.29 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031338.D

Acq: 2 Dec 2017 4:30

Instrument :

BNA_G

ClientSampleId :

TP-2

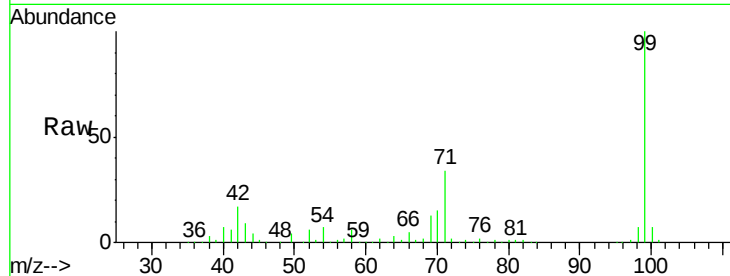
Tot Ion: 99 Resp: 542775

Ion Ratio Lower Upper

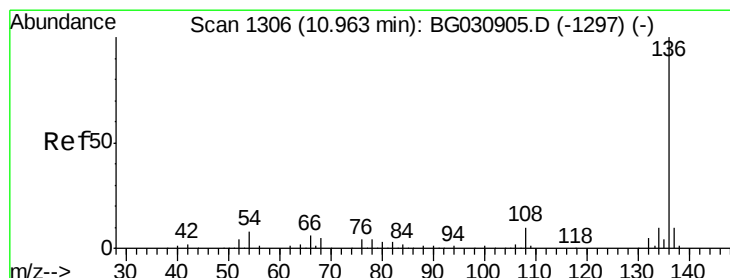
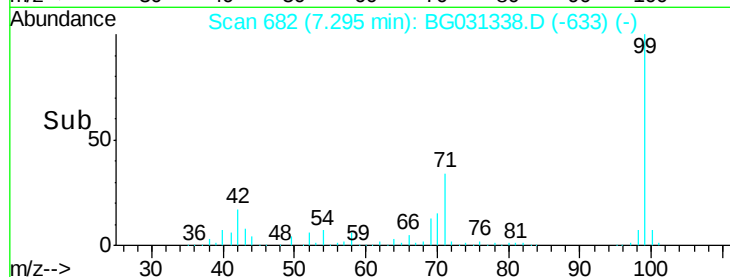
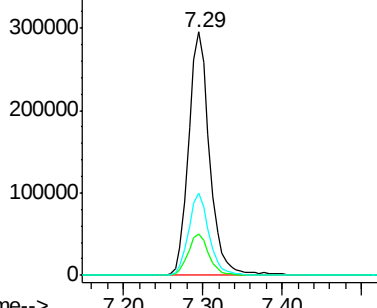
99 100

42 17.1 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.94 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BG031338.D

Acq: 2 Dec 2017 4:30

Tgt Ion: 136 Resp: 252288

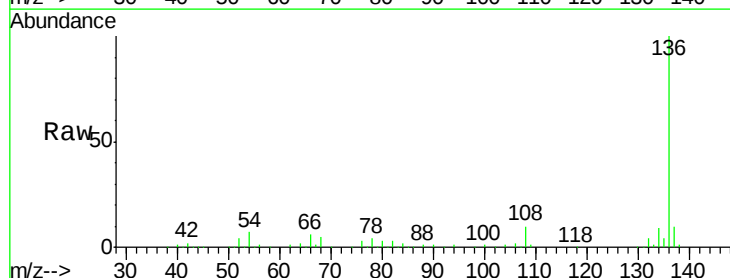
Ion Ratio Lower Upper

136 100

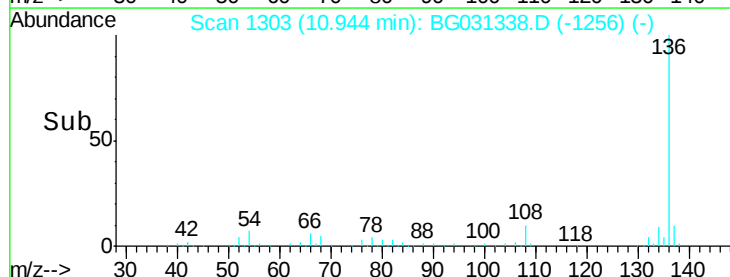
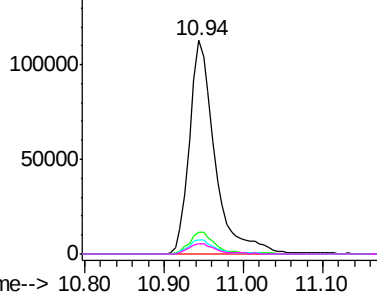
137 10.0 9.2 13.8

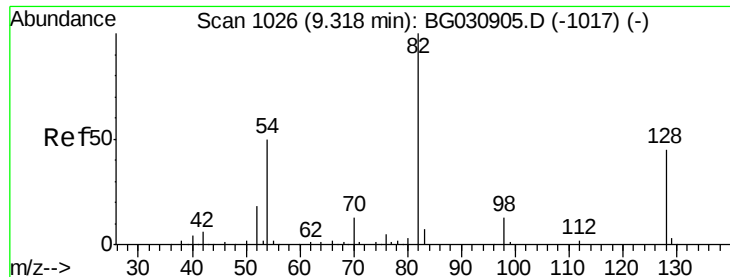
54 6.5 10.3 15.5#

68 4.9 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

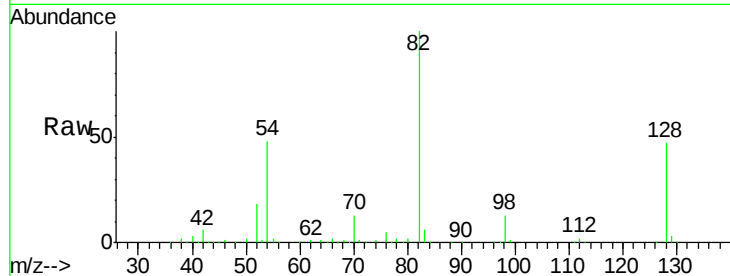




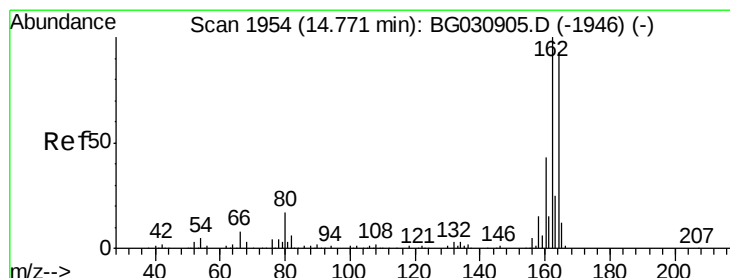
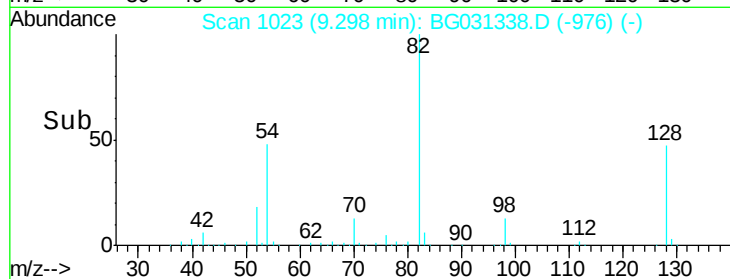
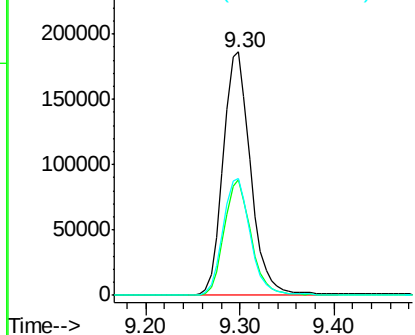
#23
 Nitrobenzene-d5
 Concen: 89.53 ng
 RT: 9.30 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BG031338.D
 Acq: 2 Dec 2017 4:30

Instrument :
 BNA_G
 ClientSampled :
 TP-2

Tot Ion	82	Resp	381187
Ion Ratio	100	Lower	Upper
128	47.4	29.7	44.5#
54	48.2	43.1	64.7

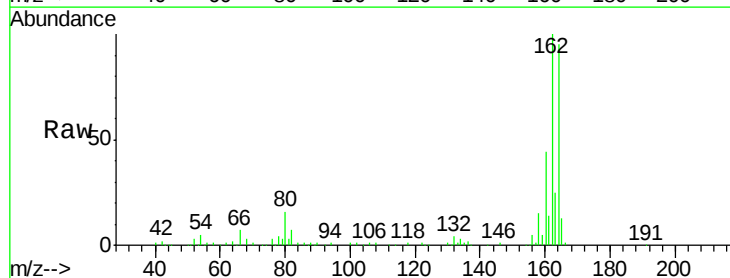


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

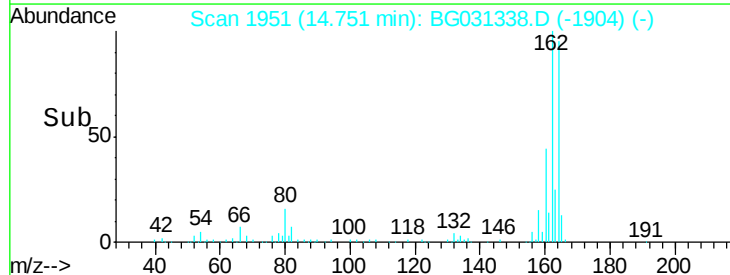
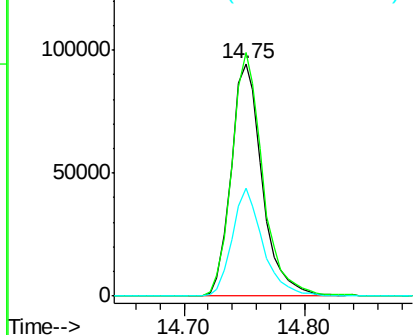


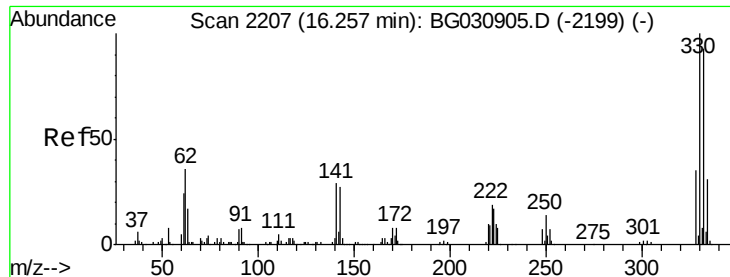
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. -0.02 min
 Lab File: BG031338.D
 Acq: 2 Dec 2017 4:30

Tgt Ion	164	Resp	169377
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	104.9	78.8	118.2
160	46.5	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

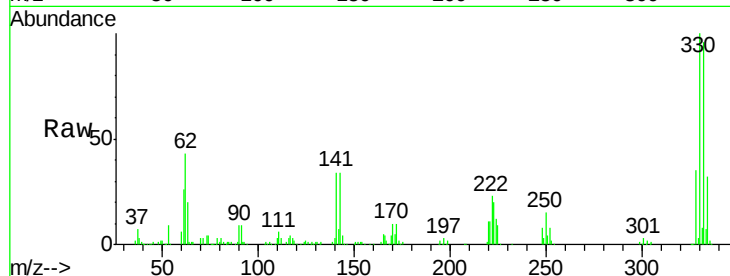




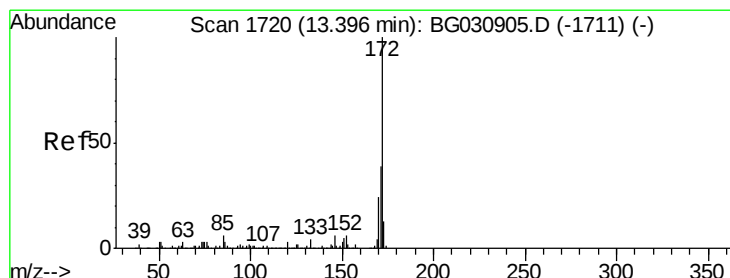
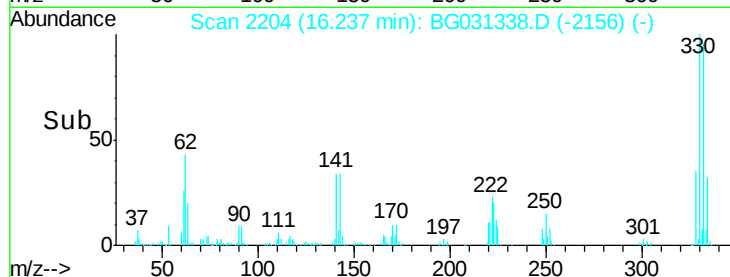
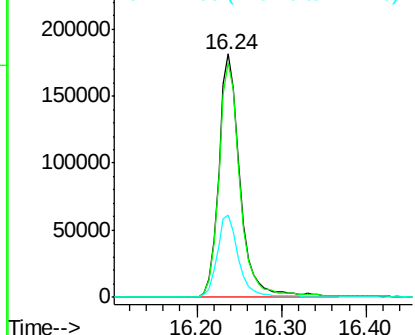
#41
 2,4,6-Tribromophenol
 Concen: 116.65 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031338.D
 Acq: 2 Dec 2017 4:30

Instrument :
 BNA_G
 ClientSampled :
 TP-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	34.4	25.2	37.8

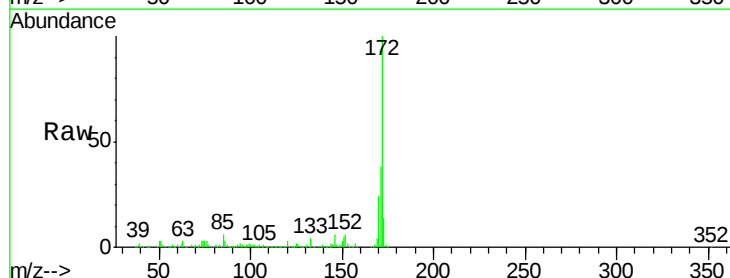


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

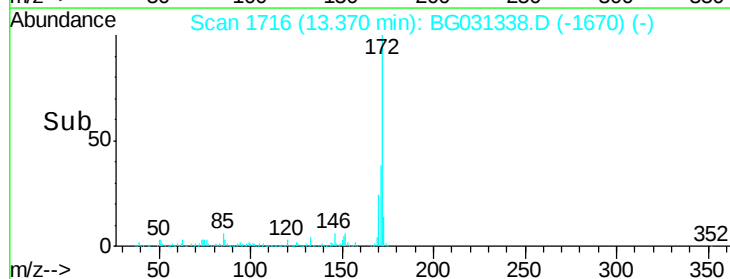
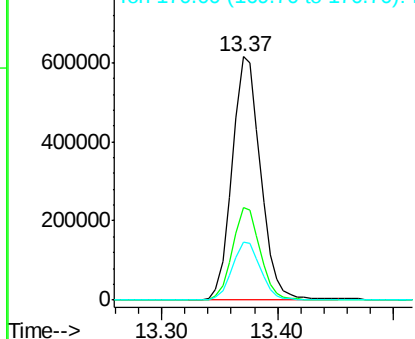


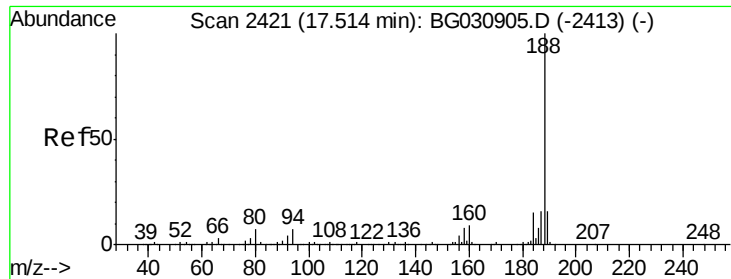
#44
 2-Fluorobiphenyl
 Concen: 89.34 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.03 min
 Lab File: BG031338.D
 Acq: 2 Dec 2017 4:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	23.9	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

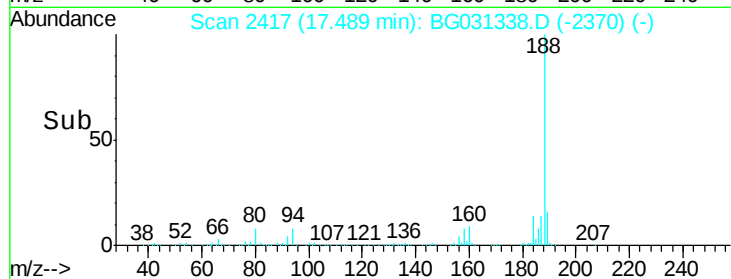
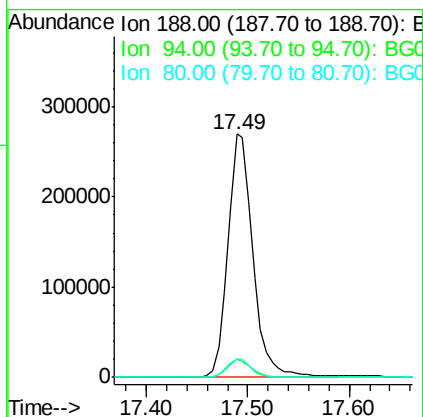
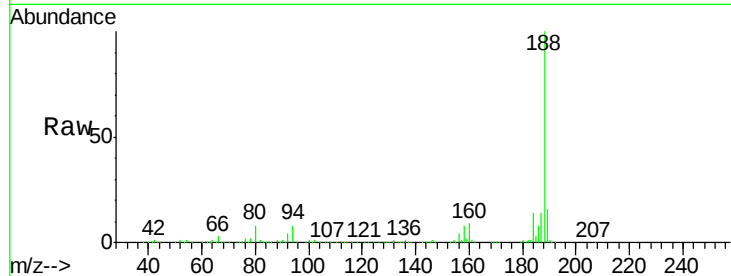




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG031338.D
Acq: 2 Dec 2017 4:30

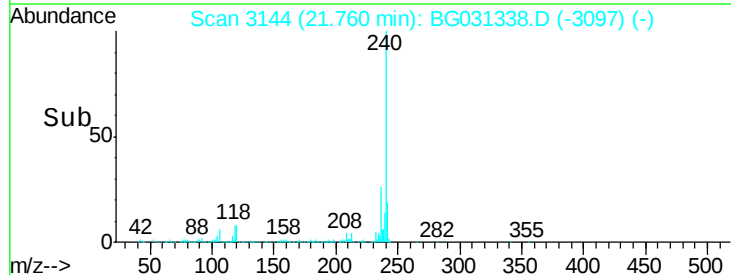
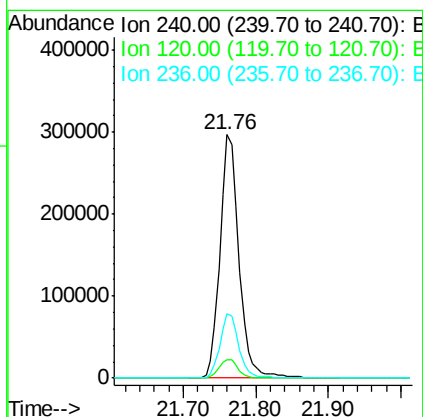
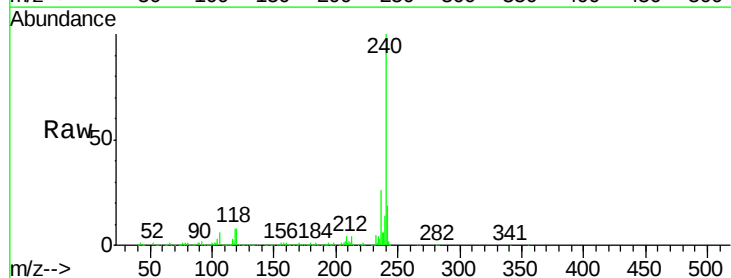
Instrument :
BNA_G
ClientSampleId :
TP-2

Tot Ion:188 Resp: 459886
Ion Ratio Lower Upper
188 100
94 7.7 6.9 10.3
80 7.7 7.7 11.5#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG031338.D
Acq: 2 Dec 2017 4:30

Tgt Ion:240 Resp: 541282
Ion Ratio Lower Upper
240 100
120 7.7 6.8 10.2
236 26.3 20.9 31.3





#78

Terphenyl-d14

Concen: 87.82 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG031338.D

Acq: 2 Dec 2017 4:30

Instrument :

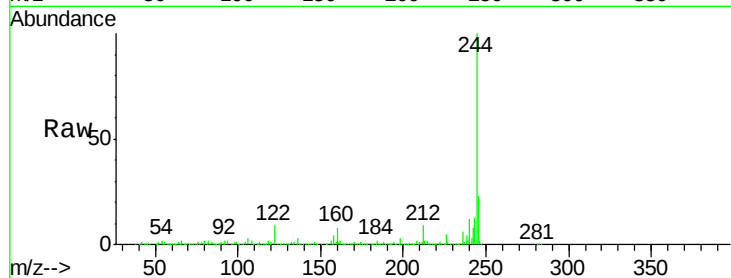
BNA_G

ClientSampleId :

TP-2

Tot Ion:244 Resp: 2152817

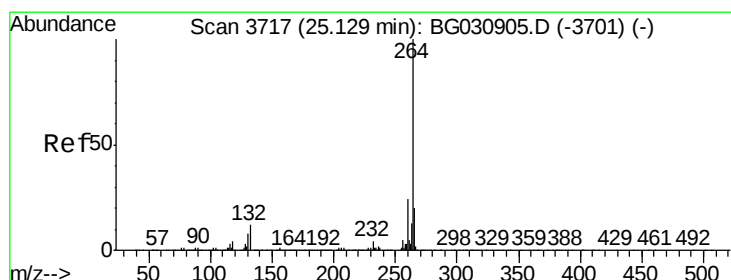
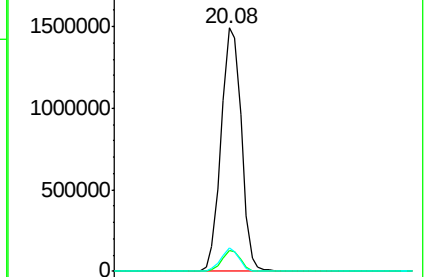
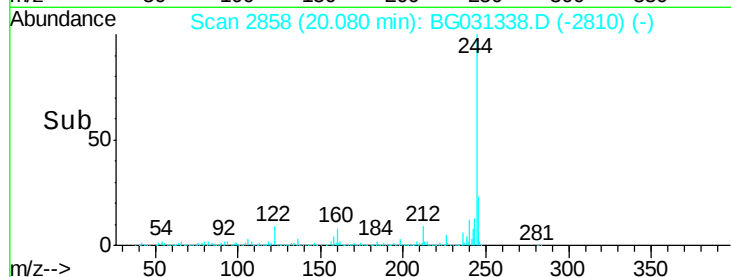
Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	9.4	7.0	10.4



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# 3705

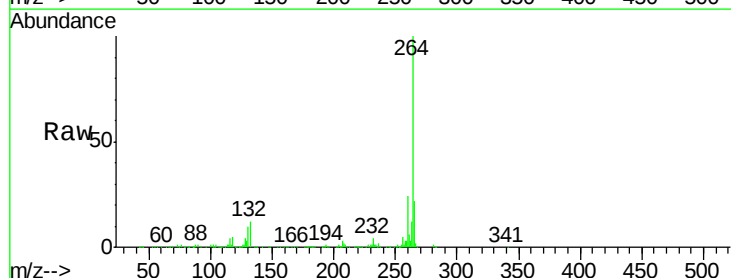
Delta R.T. -0.04 min

Lab File: BG031338.D

Acq: 2 Dec 2017 4:30

Tgt Ion:264 Resp: 518752

Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	21.7	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

