

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120117\
 Data File : BG031346.D
 Acq On : 2 Dec 2017 9:29
 Operator : SJ/JU
 Sample : I6653-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-6

Quant Time: Dec 03 22:46:18 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	68159	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	292723	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	190582	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	494193	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	546275	20.00	ng	-0.02
86) Perylene-d12	25.06	264	532131	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	234929	59.10	ng	-0.02
7) Phenol-d6	7.30	99	185758	34.69	ng	-0.01
23) Nitrobenzene-d5	9.30	82	444270	89.93	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	350349	113.64	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1255226	94.64	ng	-0.02
78) Terphenyl-d14	20.08	244	2154629	87.09	ng	-0.02

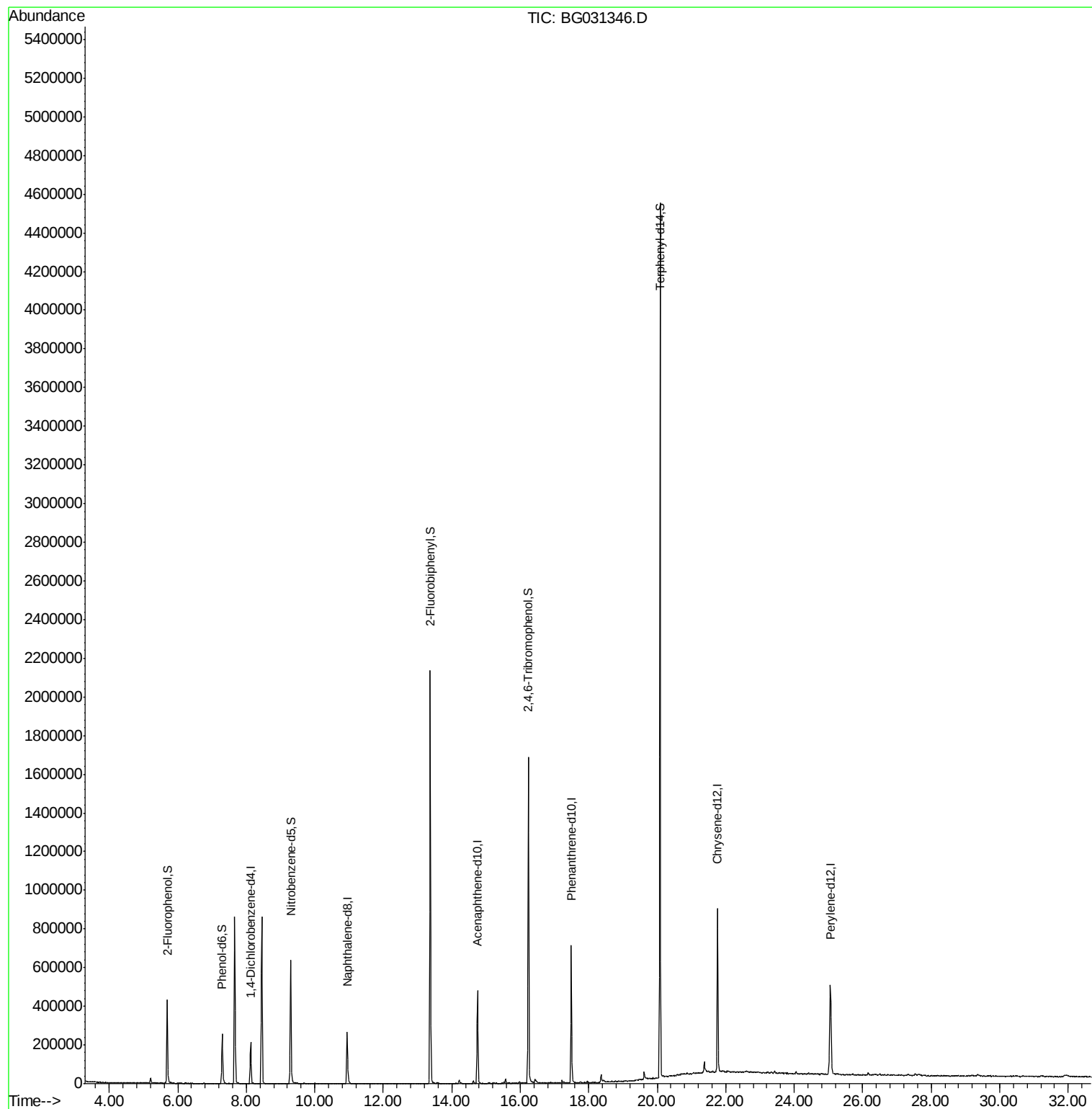
Target Compounds Qvalue

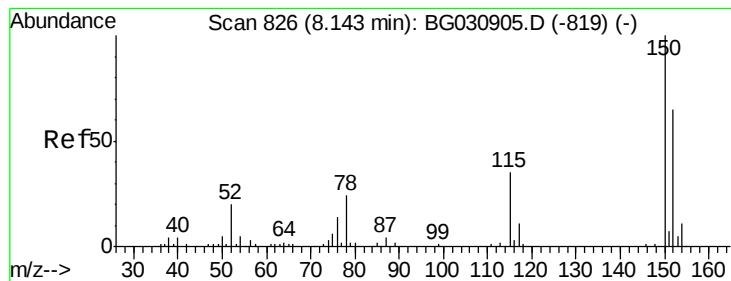
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG031346.D

Acq: 2 Dec 2017 9:29

Instrument :

BNA_G

ClientSampleId :

MW-6

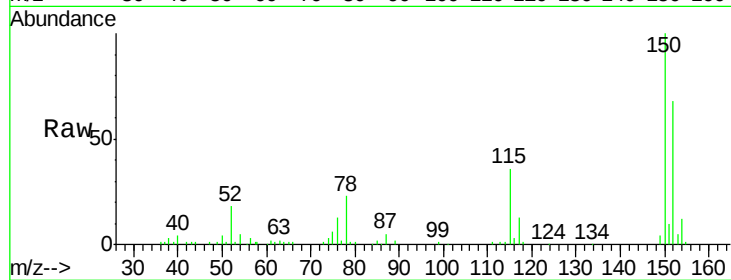
Tot Ion:152 Resp: 68159

Ion Ratio Lower Upper

152 100

150 146.6 126.6 189.8

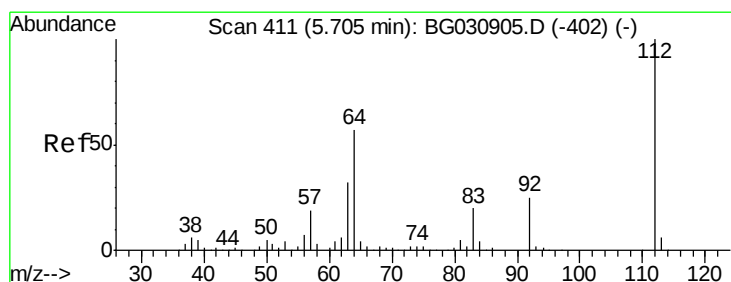
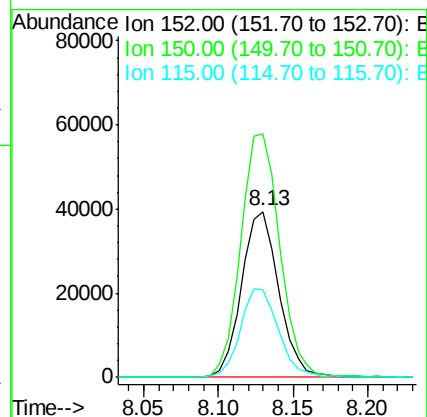
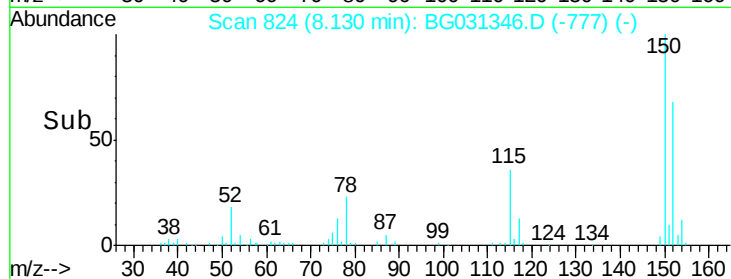
115 52.3 53.0 79.4#



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: 59.10 ng

RT: 5.69 min Scan# 409

Delta R.T. -0.02 min

Lab File: BG031346.D

Acq: 2 Dec 2017 9:29

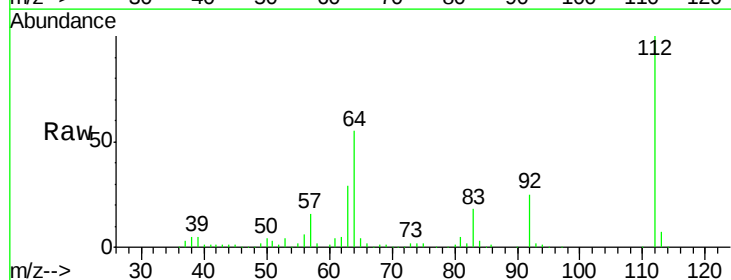
Tgt Ion:112 Resp: 234929

Ion Ratio Lower Upper

112 100

64 54.7 56.3 84.5#

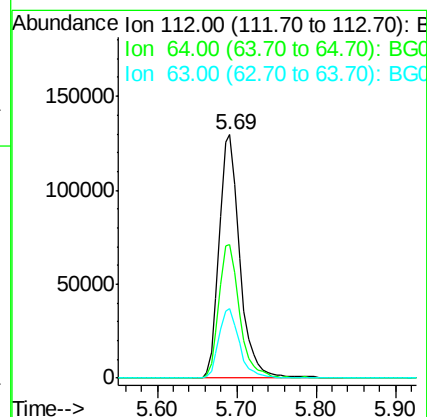
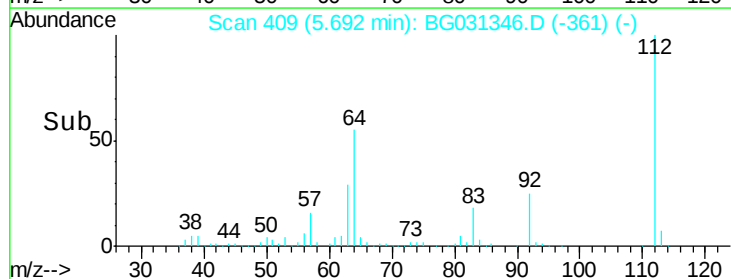
63 28.5 30.1 45.1#

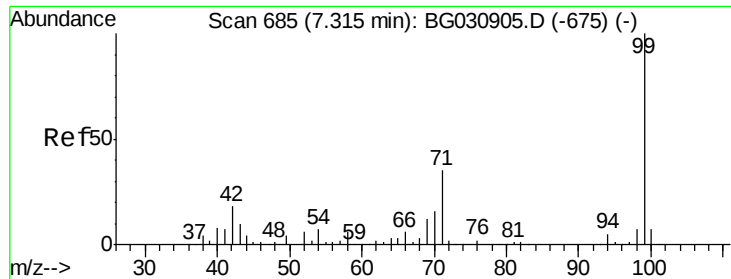


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 34.69 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031346.D

Acq: 2 Dec 2017 9:29

Instrument :

BNA_G

ClientSampleId :

MW-6

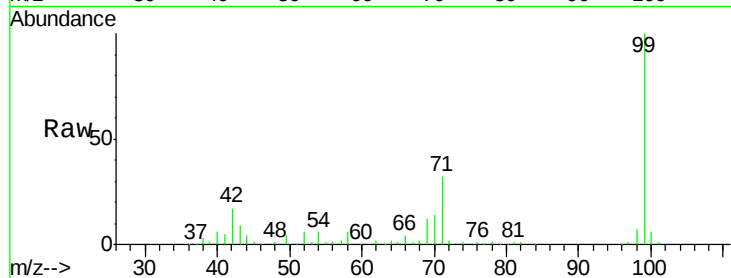
Tot Ion: 99 Resp: 185758

Ion Ratio Lower Upper

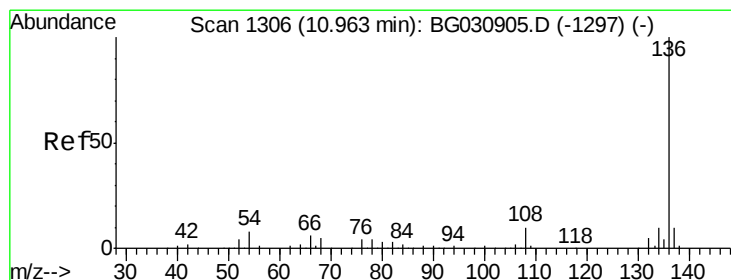
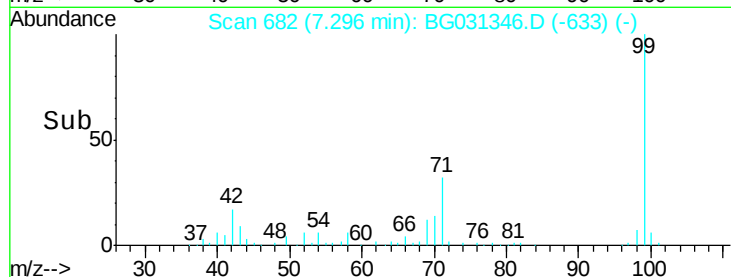
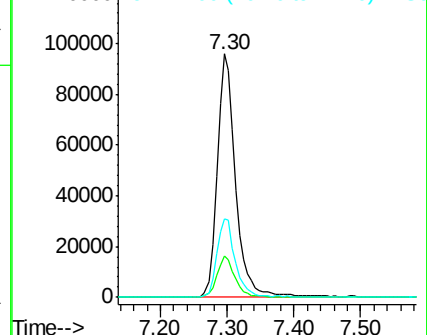
99 100

42 16.8 14.1 21.1

71 32.2 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: BG031346.D

Acq: 2 Dec 2017 9:29

Tgt Ion: 136 Resp: 292723

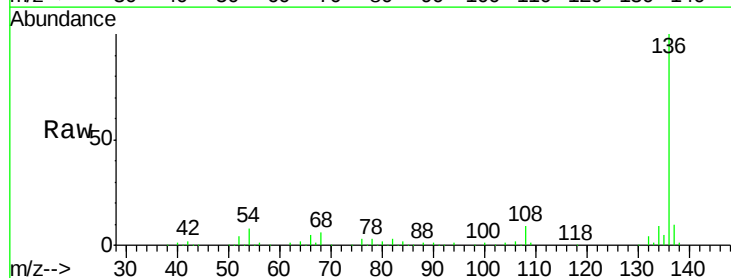
Ion Ratio Lower Upper

136 100

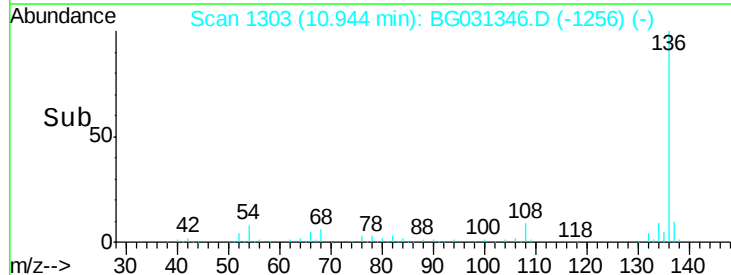
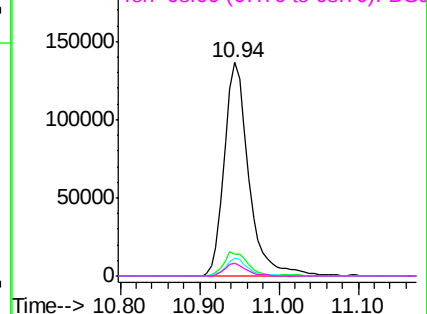
137 10.3 9.2 13.8

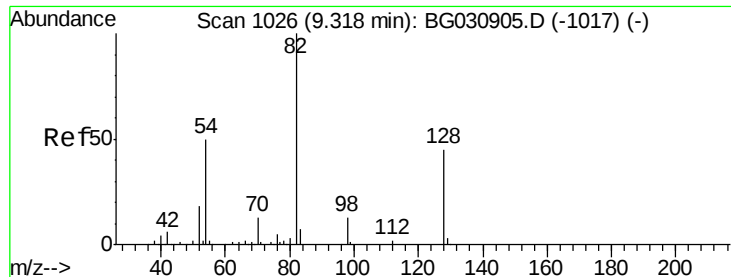
54 8.3 10.3 15.5#

68 6.1 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

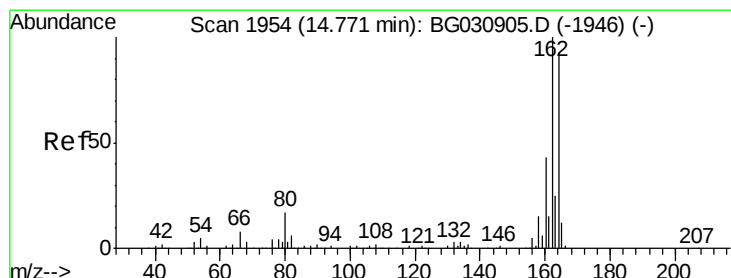
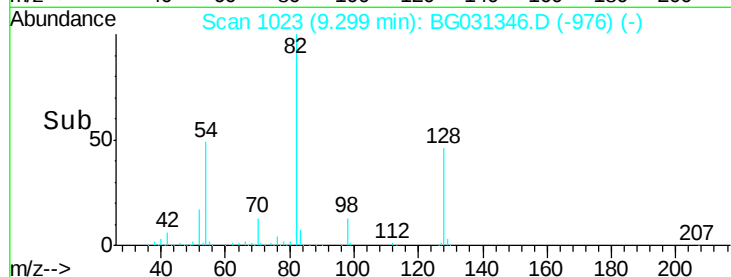
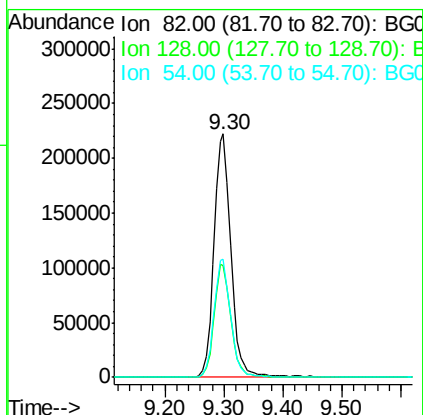
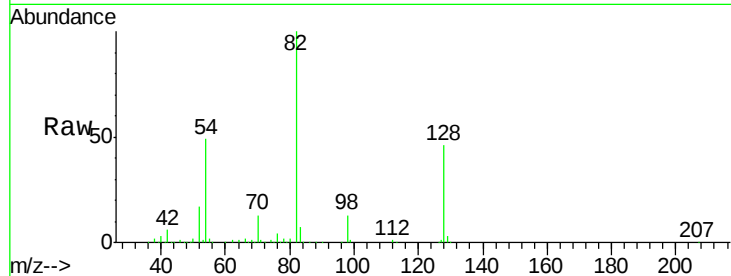




#23
 Nitrobenzene-d5
 Concen: 89.93 ng
 RT: 9.30 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BG031346.D
 Acq: 2 Dec 2017 9:29

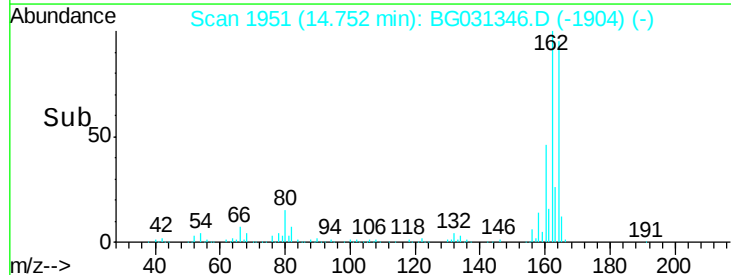
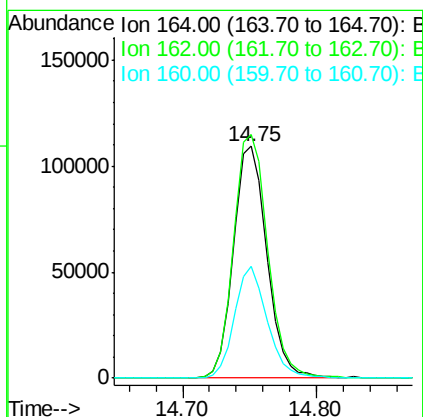
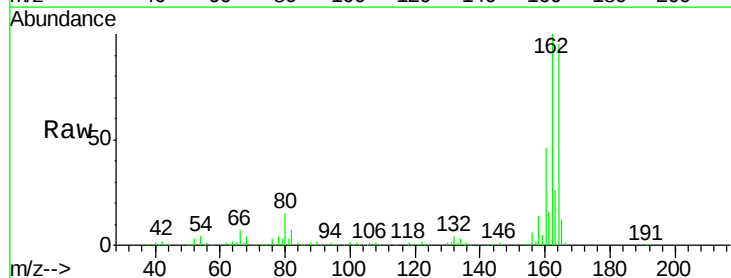
Instrument :
 BNA_G
 ClientSampleId :
 MW-6

Tot Ion: 82 Resp: 444270
 Ion Ratio Lower Upper
 82 100
 128 46.0 29.7 44.5#
 54 48.6 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: BG031346.D
 Acq: 2 Dec 2017 9:29

Tgt Ion: 164 Resp: 190582
 Ion Ratio Lower Upper
 164 100
 162 105.1 78.8 118.2
 160 48.2 35.4 53.0

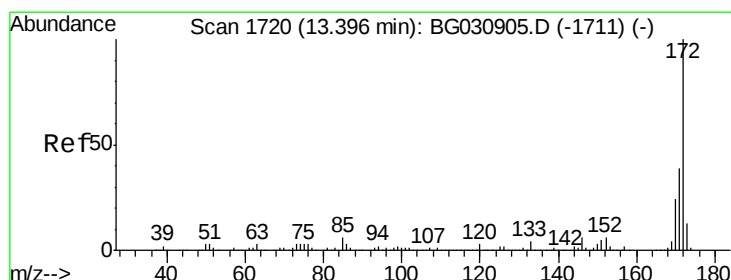
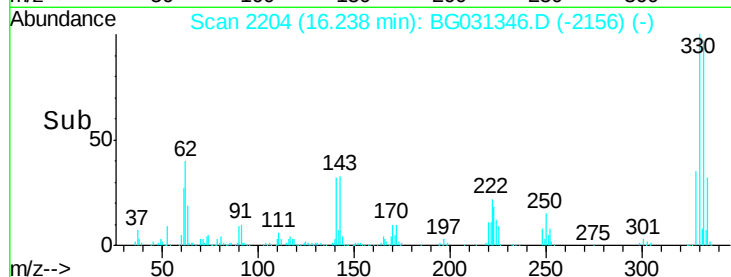
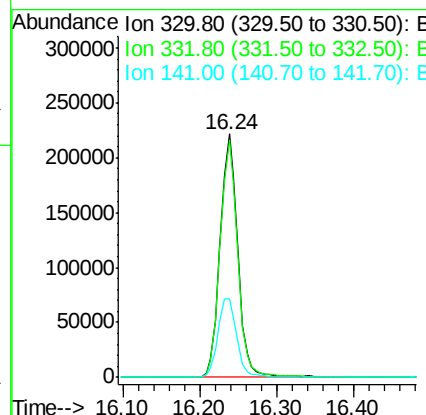
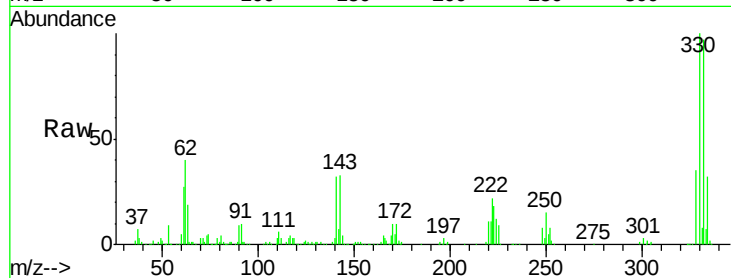




#41
 2,4,6-Tribromophenol
 Concen: 113.64 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031346.D
 Acq: 2 Dec 2017 9:29

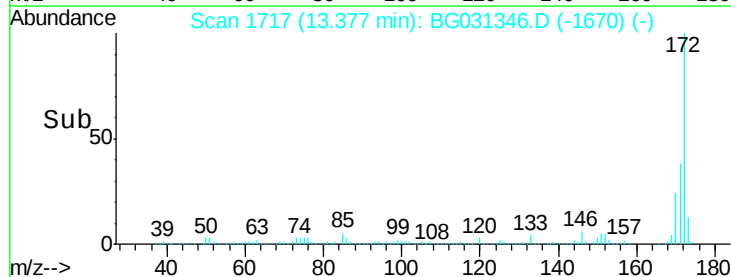
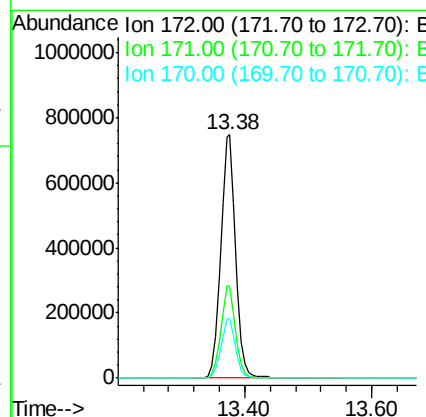
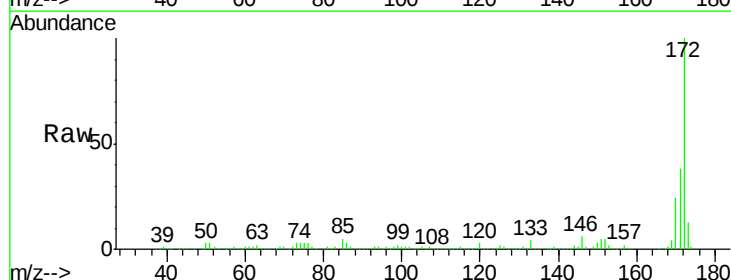
Instrument :
 BNA_G
 ClientSampleId :
 MW-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	34.4	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 94.64 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031346.D
 Acq: 2 Dec 2017 9:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	24.1	19.5	29.3

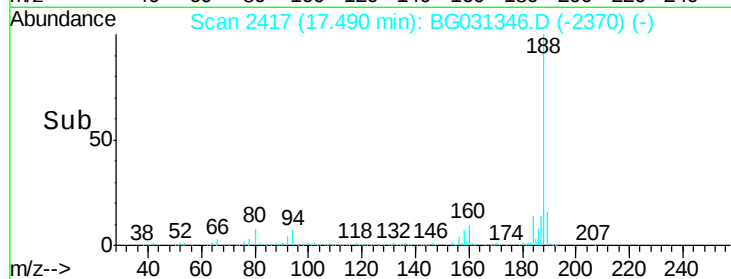
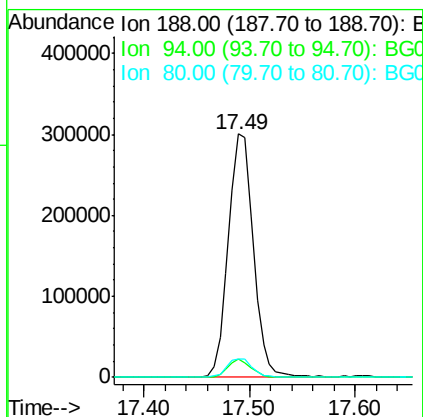
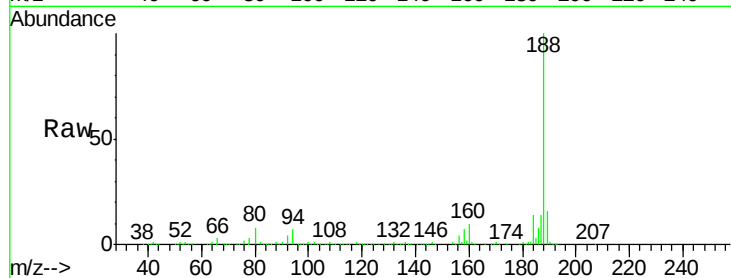




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG031346.D
Acq: 2 Dec 2017 9:29

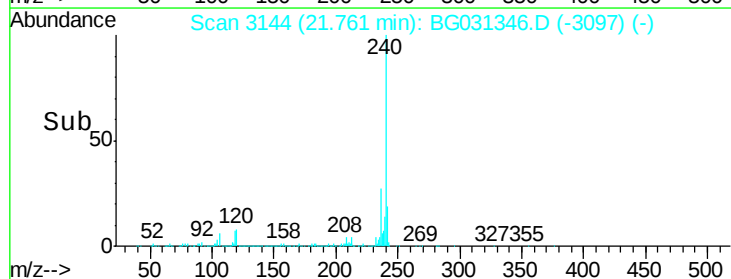
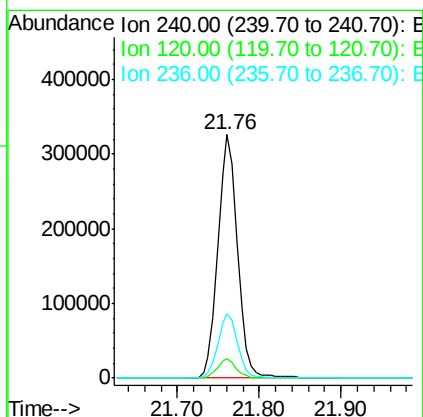
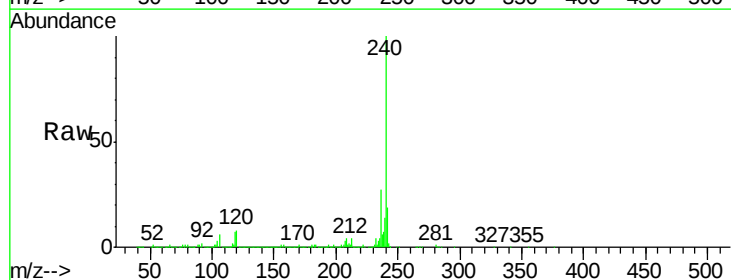
Instrument :
BNA_G
ClientSampleId :
MW-6

Tot Ion:188 Resp: 494193
Ion Ratio Lower Upper
188 100
94 7.5 6.9 10.3
80 7.6 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: BG031346.D
Acq: 2 Dec 2017 9:29

Tgt Ion:240 Resp: 546275
Ion Ratio Lower Upper
240 100
120 7.8 6.8 10.2
236 26.6 20.9 31.3





#78

Terphenyl-d14

Concen: 87.09 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG031346.D

Acq: 2 Dec 2017 9:29

Instrument :

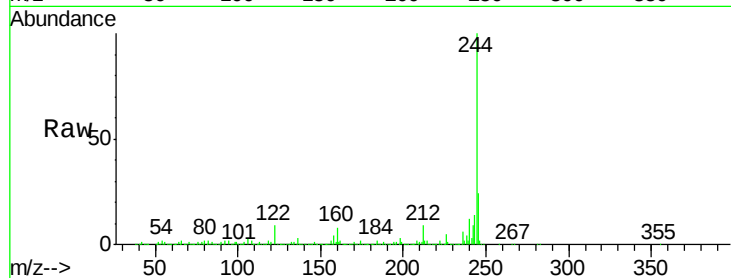
BNA_G

ClientSampleId :

MW-6

Tot Ion:244 Resp: 2154629

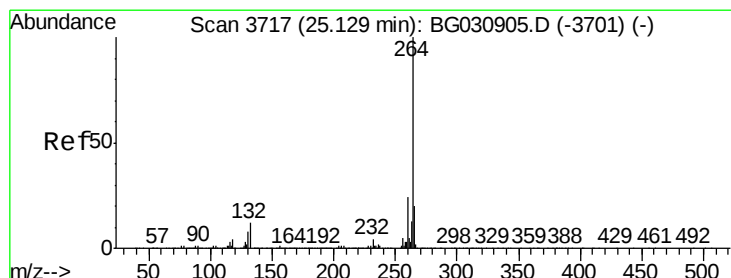
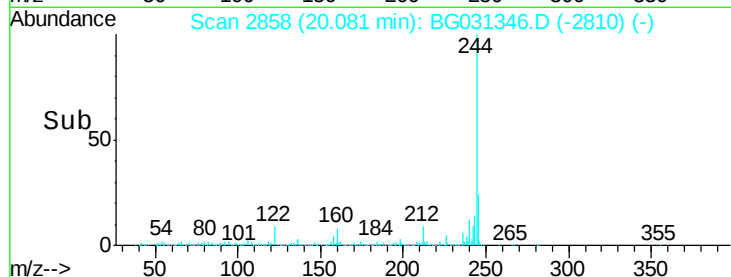
Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.8	8.8#
122	9.5	7.0	10.4



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

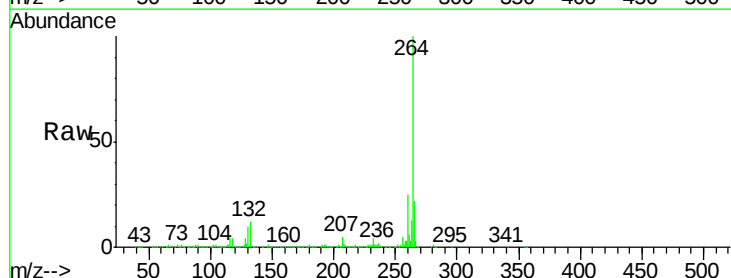
Delta R.T. -0.03 min

Lab File: BG031346.D

Acq: 2 Dec 2017 9:29

Tgt Ion:264 Resp: 532131

Ion	Ratio	Lower	Upper
264	100		
260	24.8	17.4	26.0
265	22.4	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

