

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112217\
 Data File : BG031191.D
 Acq On : 22 Nov 2017 16:10
 Operator : SJ/JU
 Sample : I6525-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-21

Quant Time: Nov 23 01:09:42 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	53004	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	230863	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	159340	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	416383	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	490317	20.00	ng	-0.02
86) Perylene-d12	25.07	264	466004	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	259792	84.05	ng	-0.01
7) Phenol-d6	7.30	99	229307	55.06	ng	0.00
23) Nitrobenzene-d5	9.30	82	373902	95.97	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	328054	127.27	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1144156	103.18	ng	-0.02
78) Terphenyl-d14	20.09	244	2123261	95.62	ng	-0.01

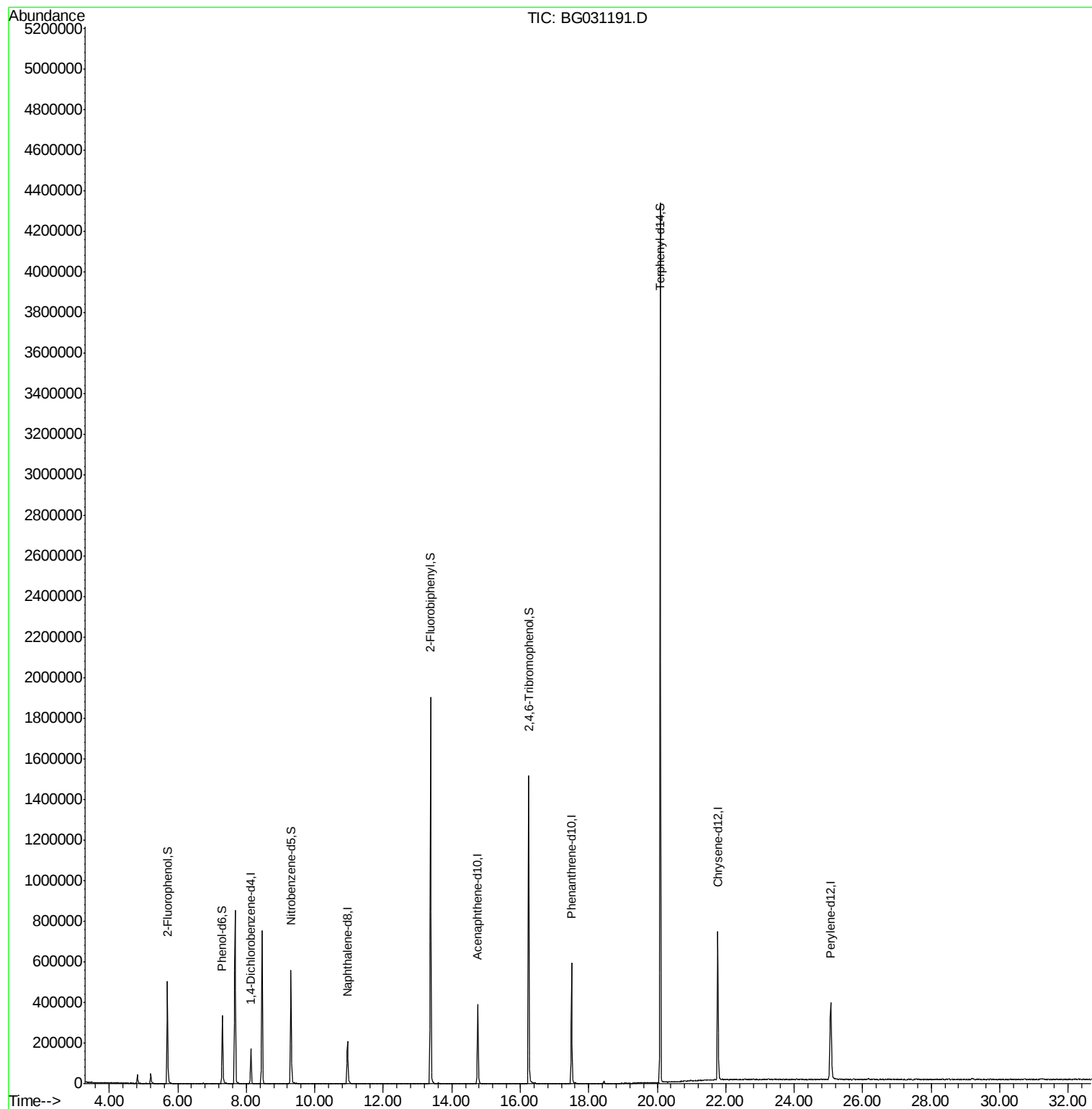
Target Compounds Qvalue

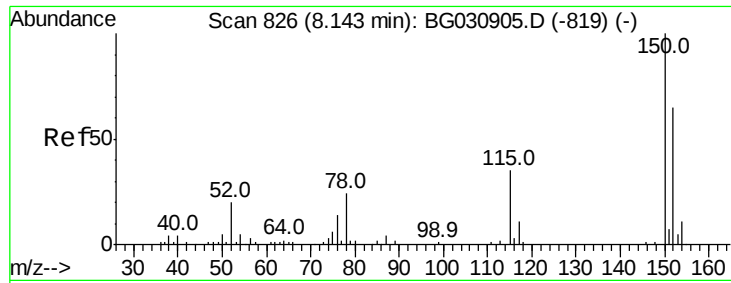
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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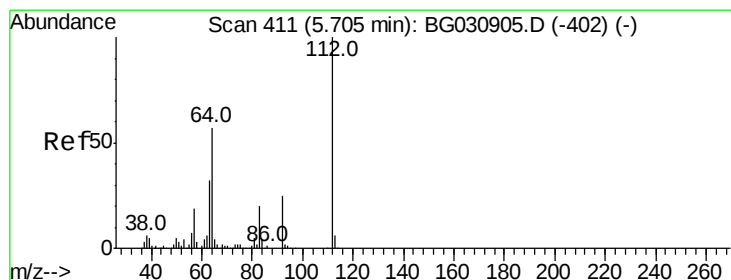
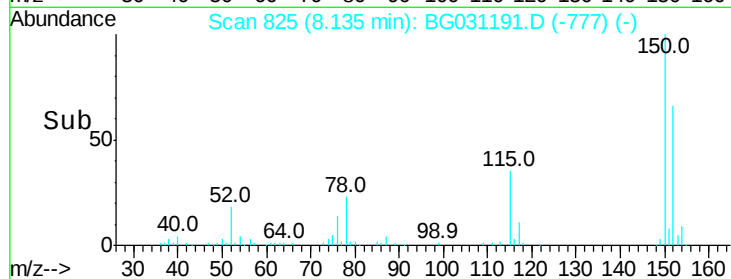
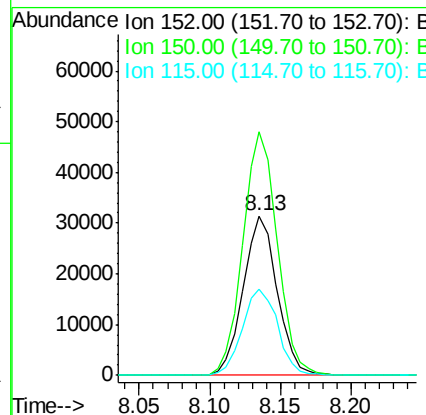
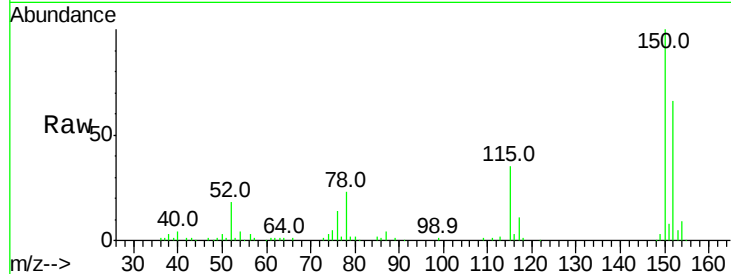


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 825
Delta R.T. -0.02 min
Lab File: BG031191.D
Acq: 22 Nov 2017 16:10

Instrument :
BNA_G
ClientSampleId :
MW-21

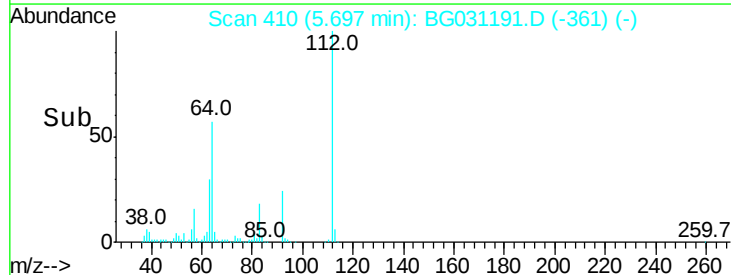
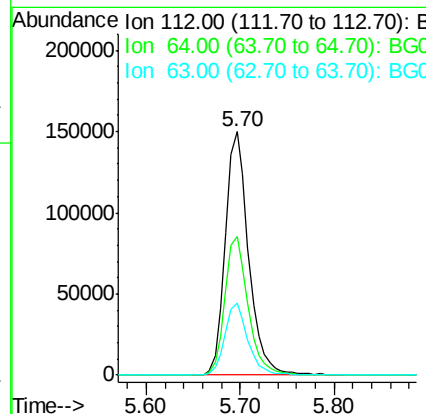
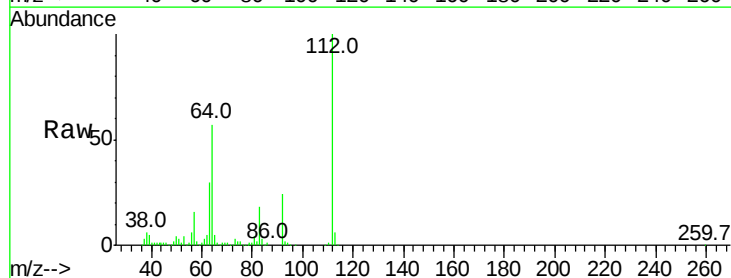
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	126.6	189.8
115	53.6	53.0	79.4

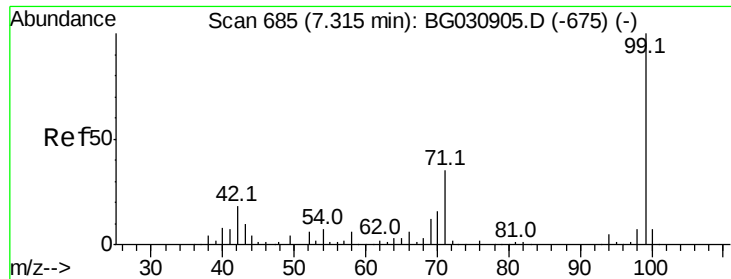


#5

2-Fluorophenol
Concen: 84.047 ng
RT: 5.70 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG031191.D
Acq: 22 Nov 2017 16:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	56.3	84.5
63	29.5	30.1	45.1





#7

Phenol-d6

Concen: 55.065 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG031191.D

Acq: 22 Nov 2017 16:10

Instrument :

BNA_G

ClientSampleId :

MW-21

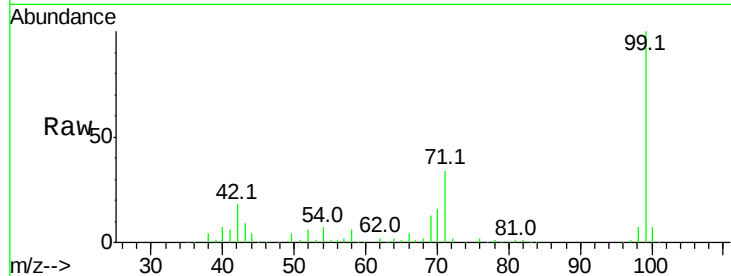
Tot Ion: 99 Resp: 229307

Ion Ratio Lower Upper

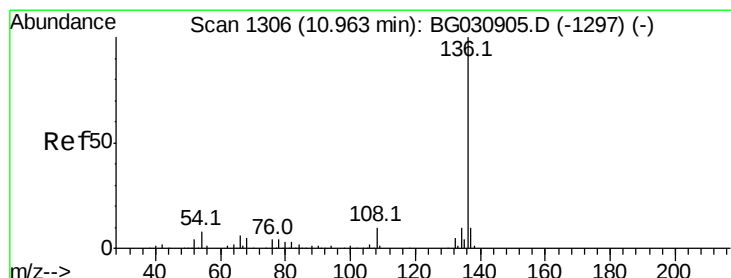
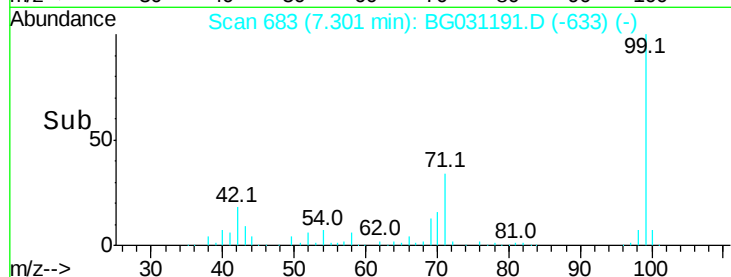
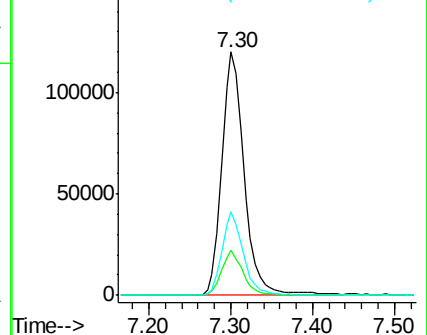
99 100

42 18.4 14.1 21.1

71 34.1 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: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG031191.D

Acq: 22 Nov 2017 16:10

Tgt Ion:136 Resp: 230863

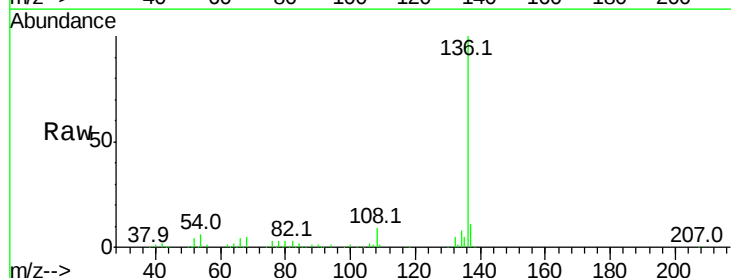
Ion Ratio Lower Upper

136 100

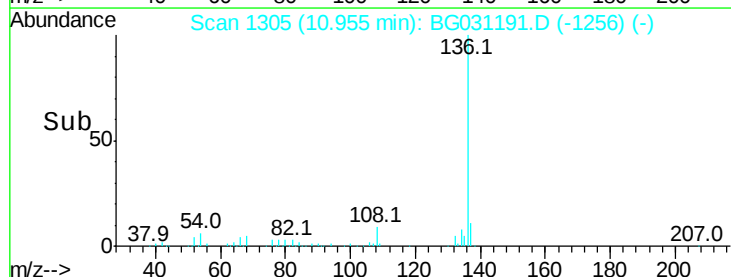
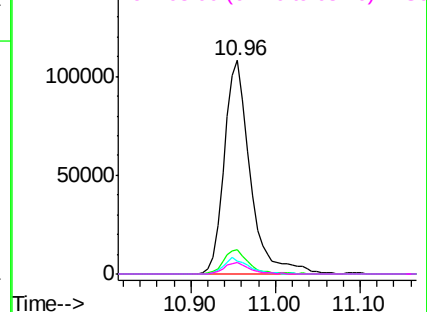
137 11.4 9.2 13.8

54 6.3 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

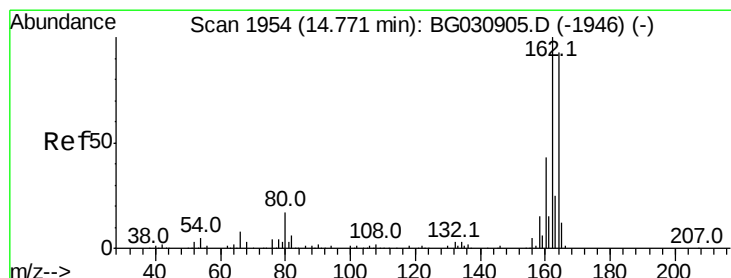
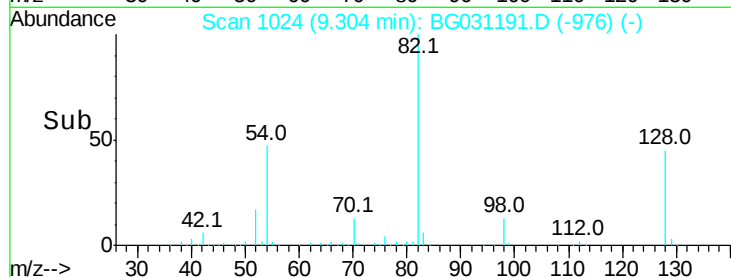
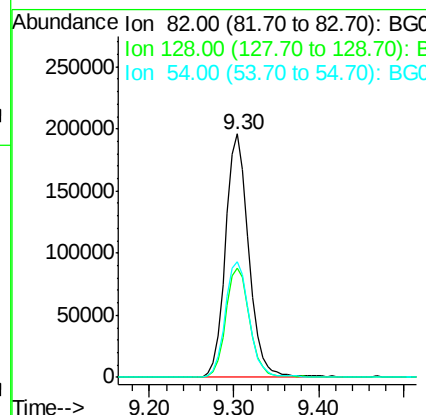
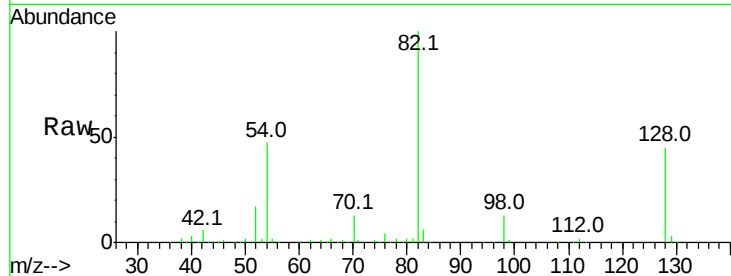




#23
 Nitrobenzene-d5
 Concen: 95.970 ng
 RT: 9.30 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BG031191.D
 Acq: 22 Nov 2017 16:10

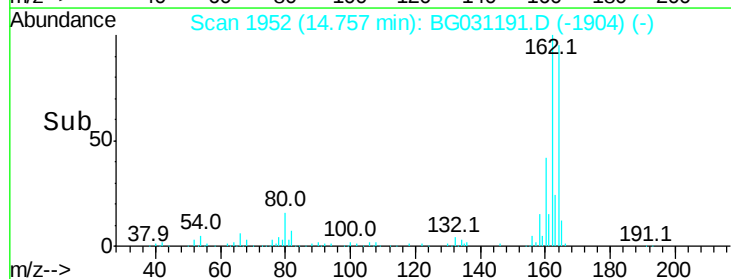
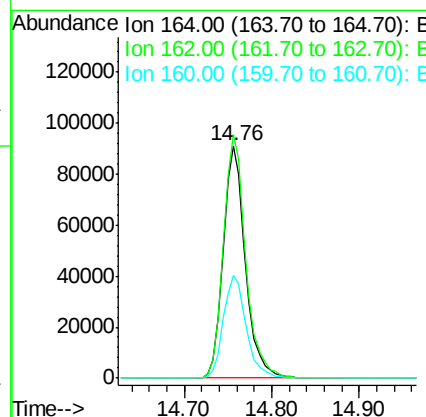
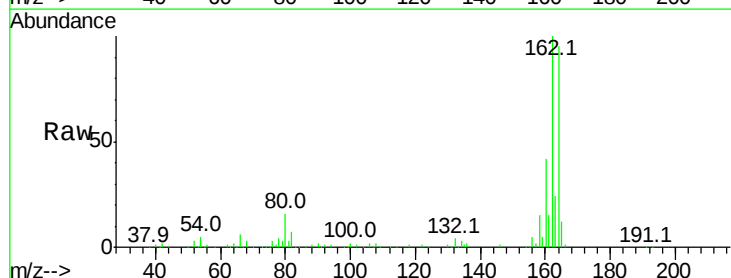
Instrument :
 BNA_G
 ClientSampleId :
 MW-21

Tot Ion: 82 Resp: 373902
 Ion Ratio Lower Upper
 82 100
 128 45.0 29.7 44.5#
 54 47.5 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1952
 Delta R.T. -0.02 min
 Lab File: BG031191.D
 Acq: 22 Nov 2017 16:10

Tgt Ion:164 Resp: 159340
 Ion Ratio Lower Upper
 164 100
 162 104.9 78.8 118.2
 160 44.3 35.4 53.0

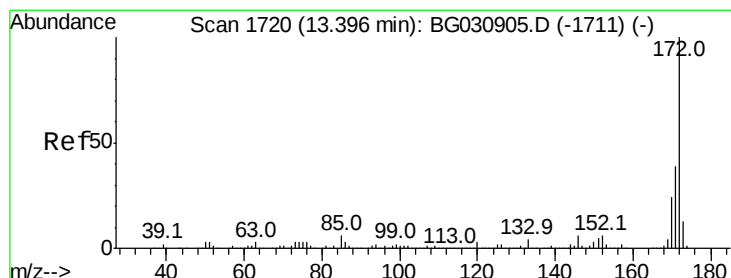
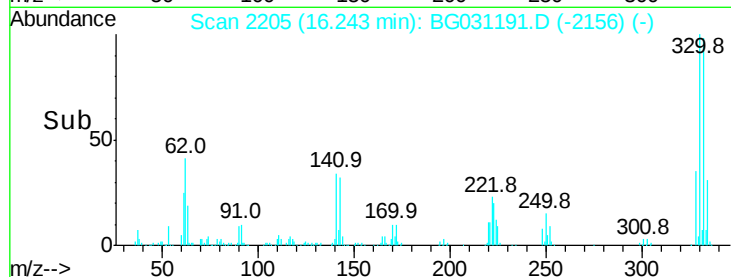
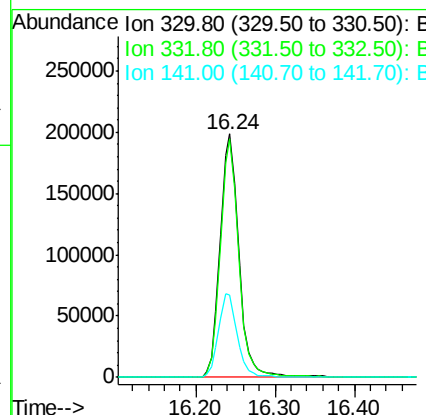
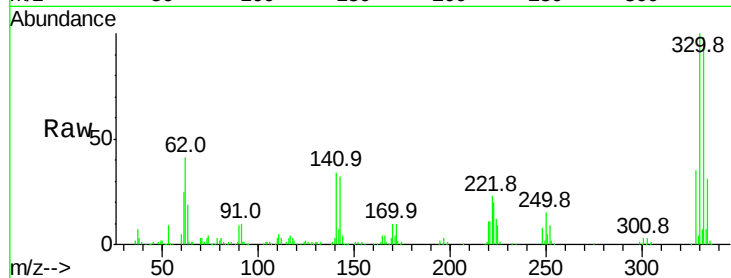




#41
 2,4,6-Tribromophenol
 Concen: 127.271 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031191.D
 Acq: 22 Nov 2017 16:10

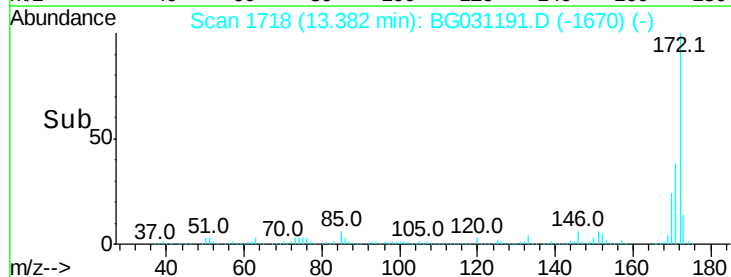
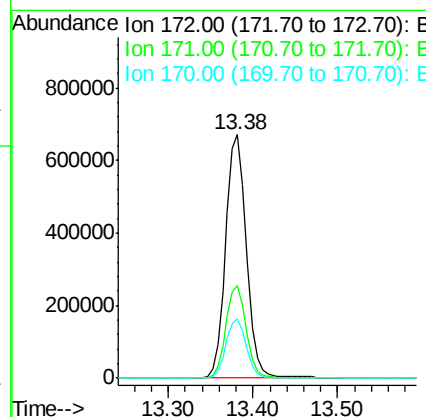
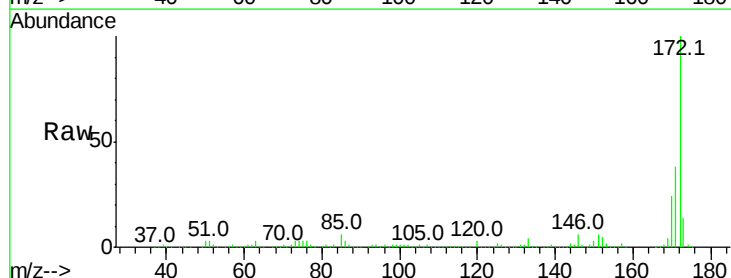
Instrument :
 BNA_G
 ClientSampled :
 MW-21

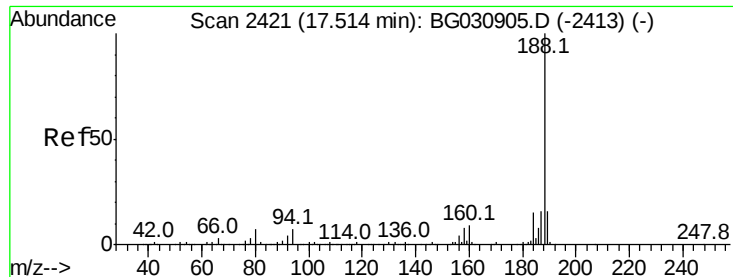
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	34.4	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 103.177 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG031191.D
 Acq: 22 Nov 2017 16:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	24.4	19.5	29.3

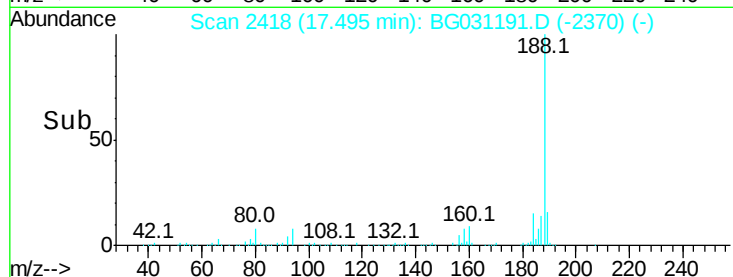
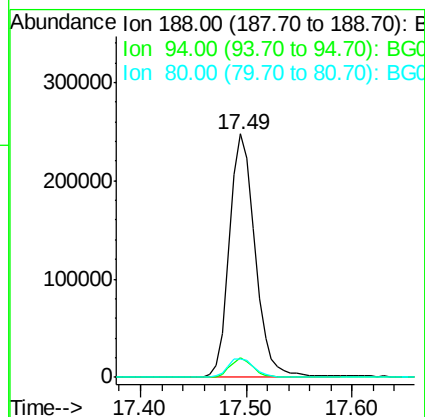
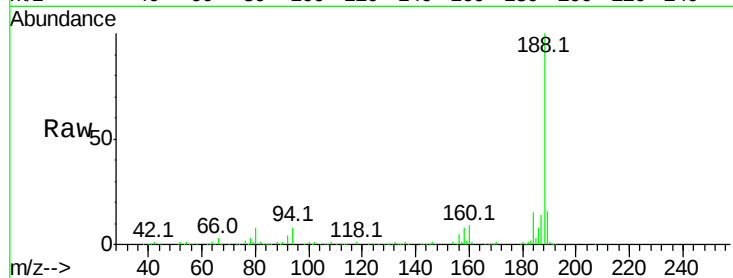




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031191.D
Acq: 22 Nov 2017 16:10

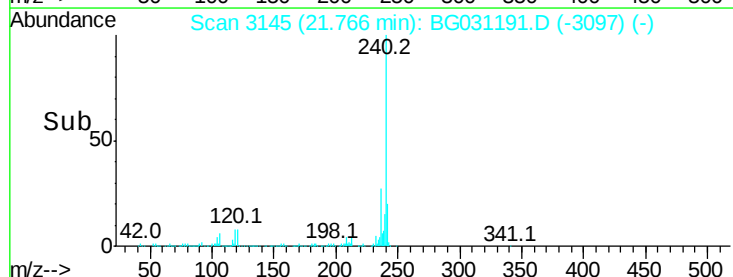
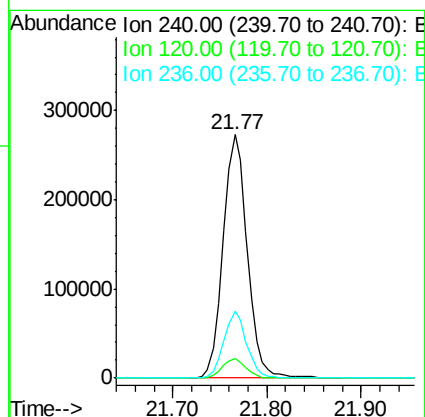
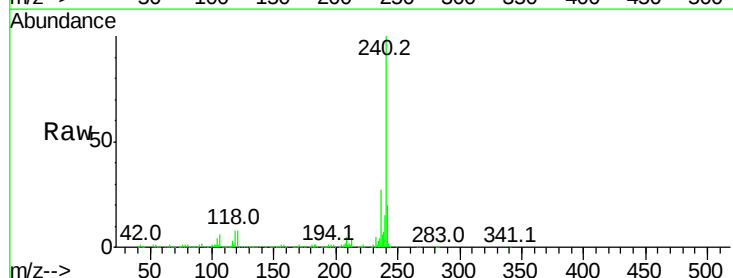
Instrument :
BNA_G
ClientSampleId :
MW-21

Tot Ion:188 Resp: 416383
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 7.7 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: BG031191.D
Acq: 22 Nov 2017 16:10

Tgt Ion:240 Resp: 490317
Ion Ratio Lower Upper
240 100
120 7.9 6.8 10.2
236 27.5 20.9 31.3





#78

Terphenyl-d14

Concen: 95.619 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031191.D

Acq: 22 Nov 2017 16:10

Instrument :

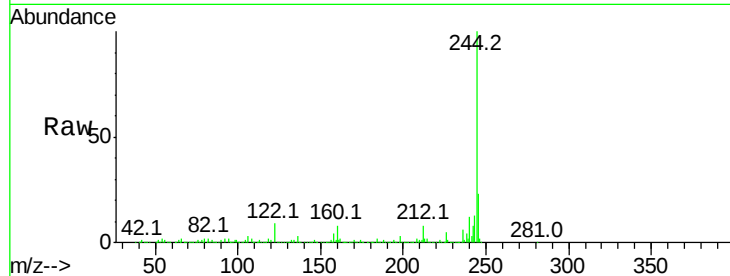
BNA_G

ClientSampleId :

MW-21

Tot Ion:244 Resp: 2123261

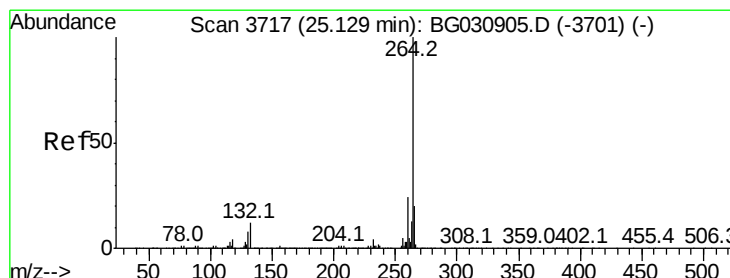
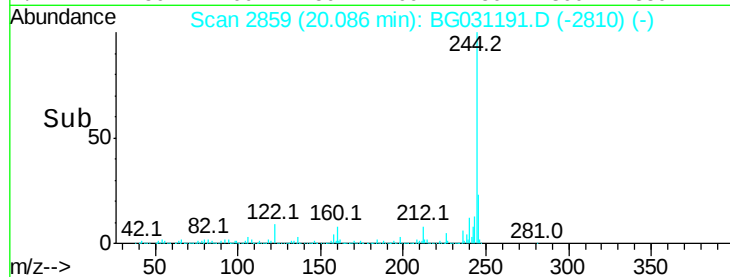
Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	9.1	7.0	10.4



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: 25.07 min Scan# 3707

Delta R.T. -0.02 min

Lab File: BG031191.D

Acq: 22 Nov 2017 16:10

Tgt Ion:264 Resp: 466004

Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	20.3	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

