

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120117\
 Data File : BG031331.D
 Acq On : 1 Dec 2017 23:24
 Operator : SJ/JU
 Sample : I6653-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-2A

Quant Time: Dec 02 02:00:31 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	67147	20.00	ng	-0.03
21) Naphthalene-d8	10.95	136	292248	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	196321	20.00	ng	-0.03
63) Phenanthrene-d10	17.49	188	496111	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	546126	20.00	ng	-0.02
86) Perylene-d12	25.06	264	540327	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	275275	70.30	ng	-0.02
7) Phenol-d6	7.29	99	231415	43.87	ng	-0.02
23) Nitrobenzene-d5	9.29	82	428751	86.93	ng	-0.03
41) 2,4,6-Tribromophenol	16.24	330	372841	117.40	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	1237679	90.59	ng	-0.03
78) Terphenyl-d14	20.08	244	2143796	86.68	ng	-0.02

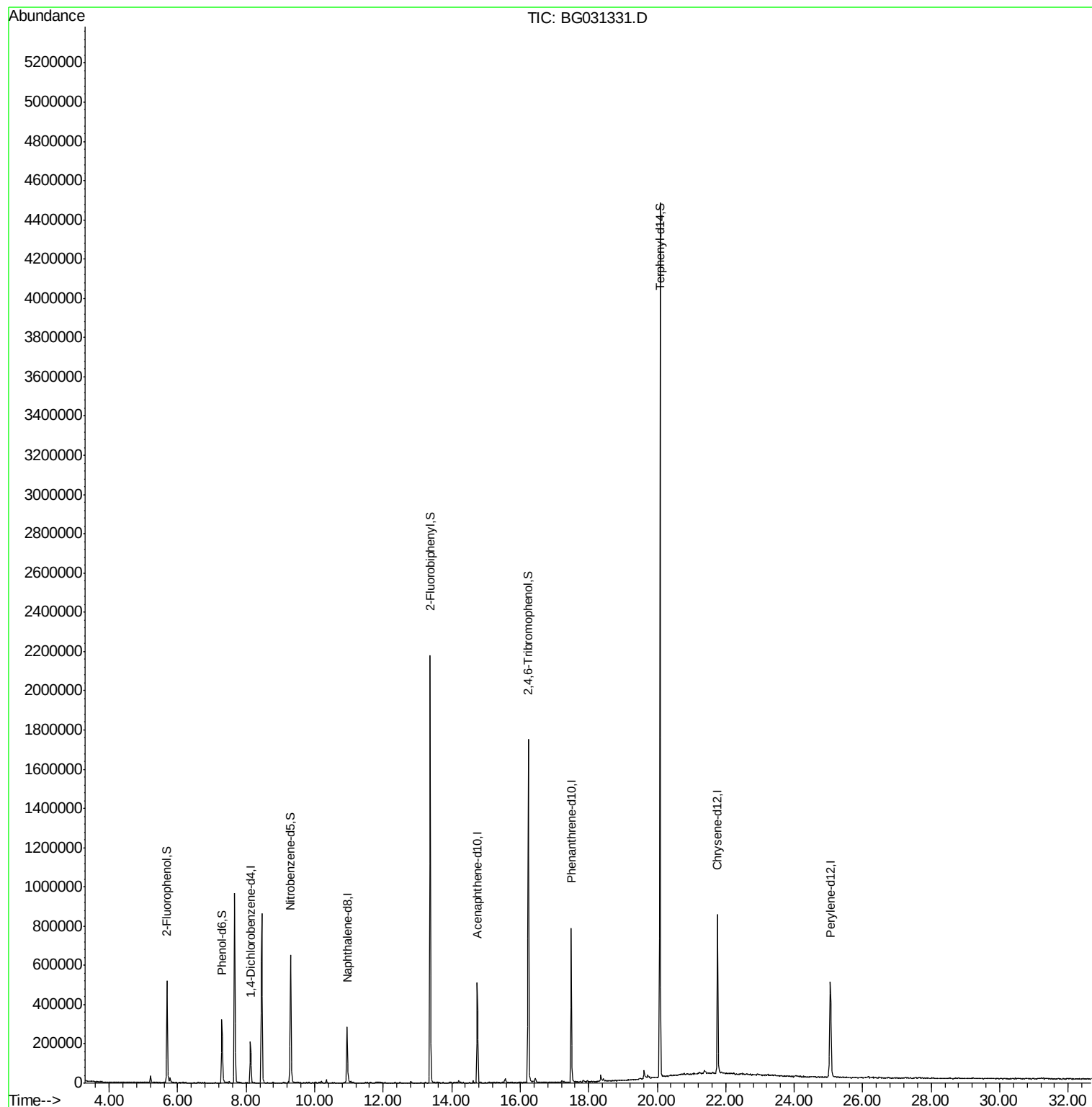
Target Compounds Qvalue

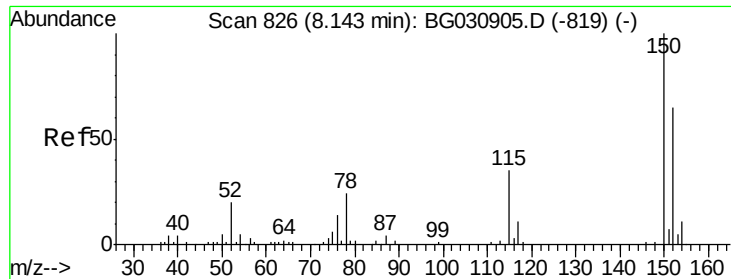
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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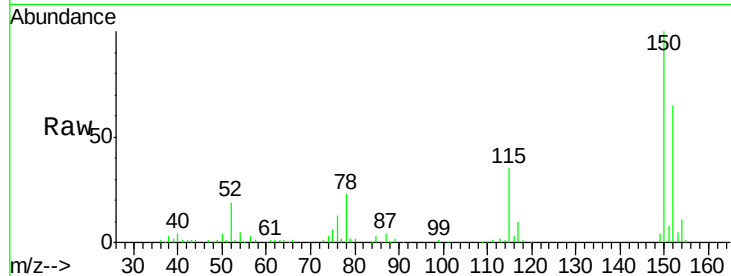


#1

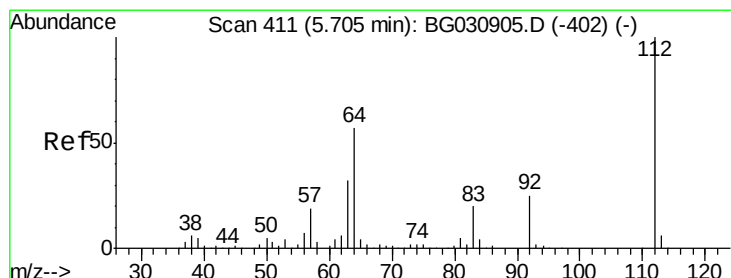
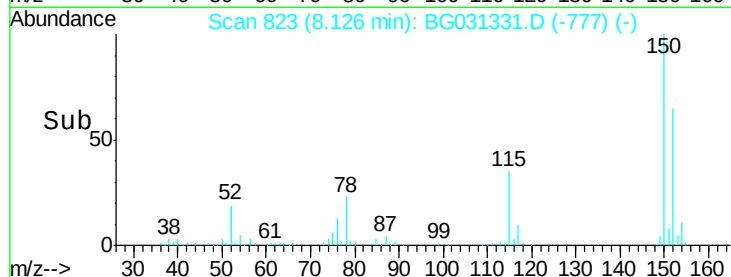
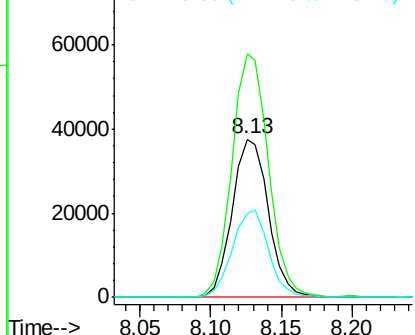
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 823
Delta R.T. -0.03 min
Lab File: BG031331.D
Acq: 1 Dec 2017 23:24

Instrument :
BNA_G
ClientSampleId :
MW-2A

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	126.6	189.8
115	53.3	53.0	79.4



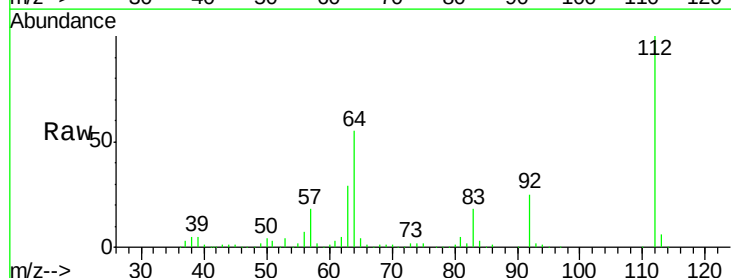
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



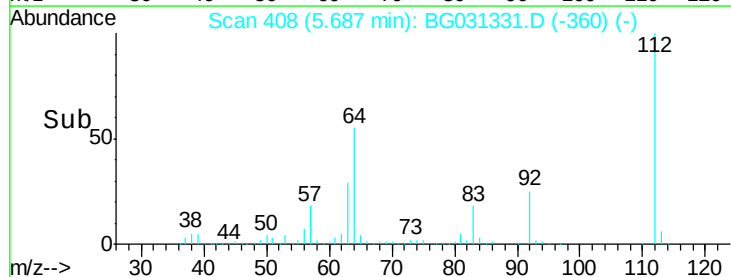
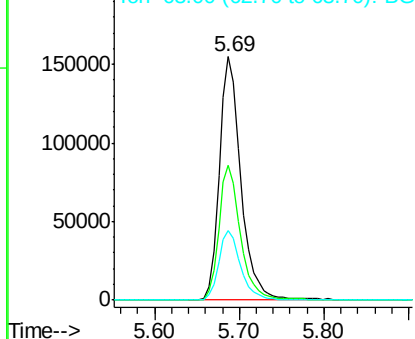
#5

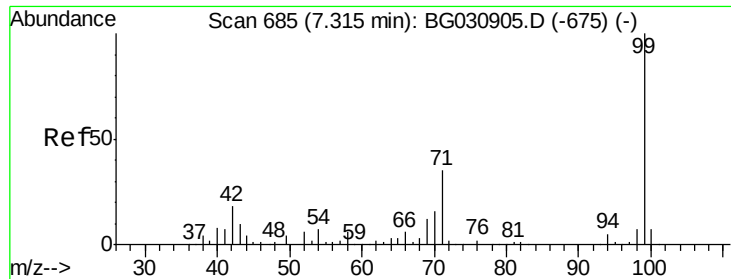
2-Fluorophenol
Concen: 70.30 ng
RT: 5.69 min Scan# 408
Delta R.T. -0.02 min
Lab File: BG031331.D
Acq: 1 Dec 2017 23:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.3	56.3	84.5#
63	28.6	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: 43.87 ng

RT: 7.29 min Scan# 681

Delta R.T. -0.02 min

Lab File: BG031331.D

Acq: 1 Dec 2017 23:24

Instrument :

BNA_G

ClientSampleId :

MW-2A

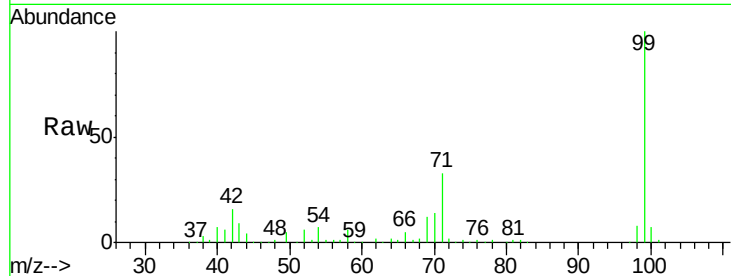
Tot Ion: 99 Resp: 231415

Ion Ratio Lower Upper

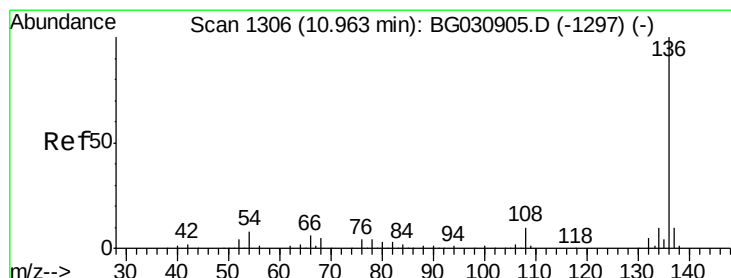
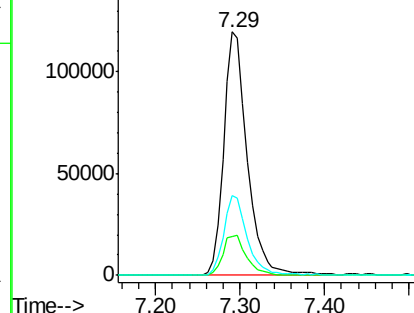
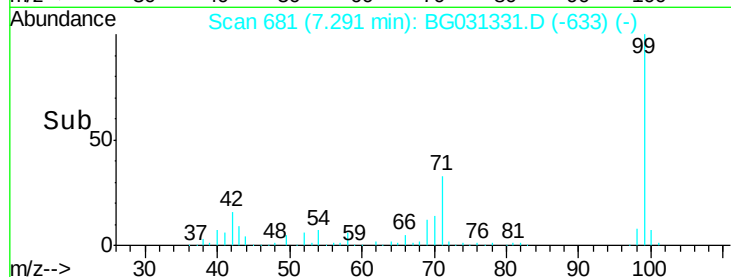
99 100

42 16.0 14.1 21.1

71 33.0 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: BG031331.D

Acq: 1 Dec 2017 23:24

Tgt Ion: 136 Resp: 292248

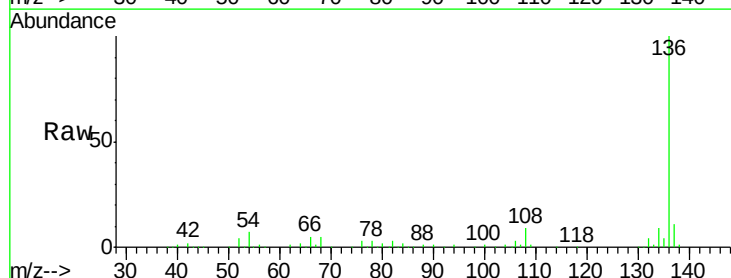
Ion Ratio Lower Upper

136 100

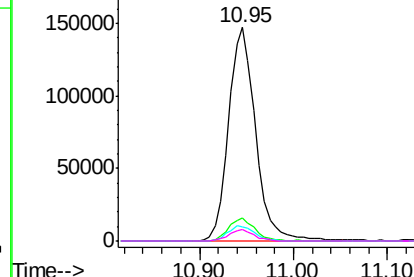
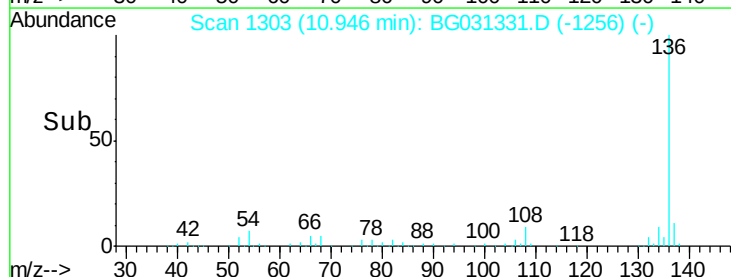
137 10.8 9.2 13.8

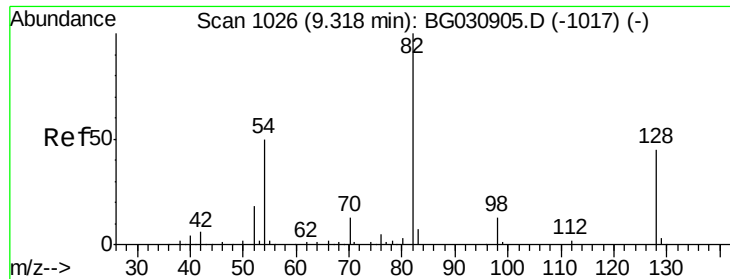
54 6.8 10.3 15.5#

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

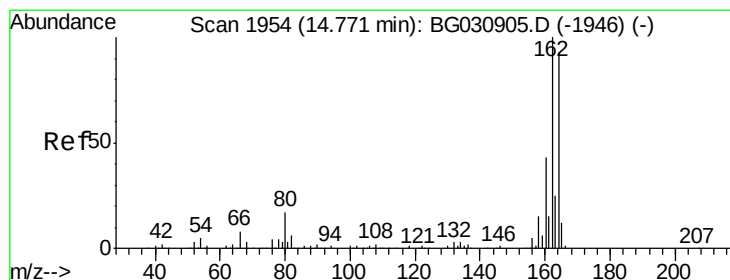
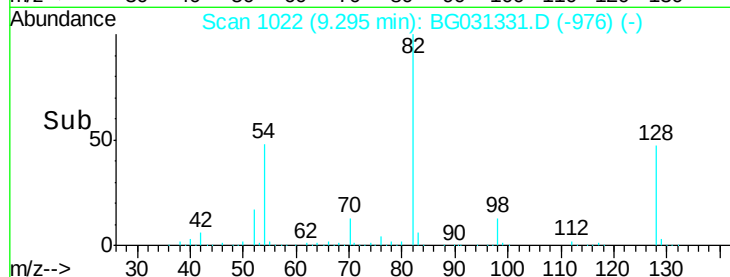
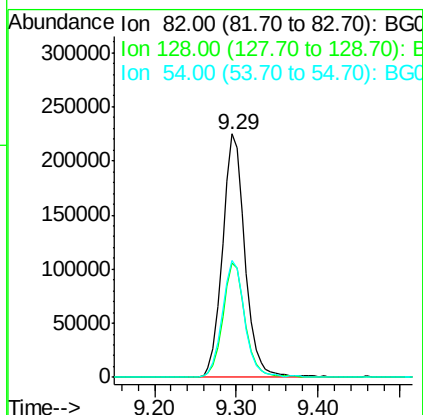
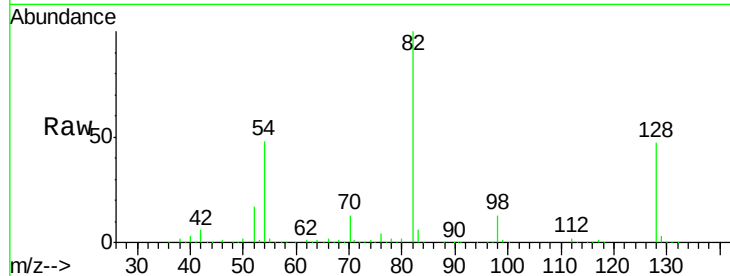




#23
 Nitrobenzene-d5
 Concen: 86.93 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. -0.03 min
 Lab File: BG031331.D
 Acq: 1 Dec 2017 23:24

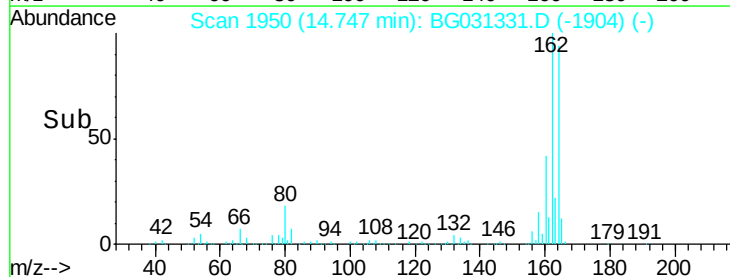
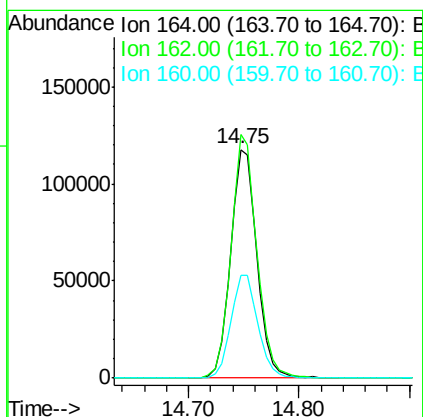
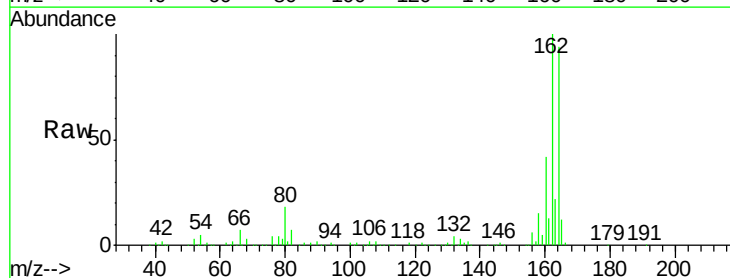
Instrument :
 BNA_G
 ClientSampleId :
 MW-2A

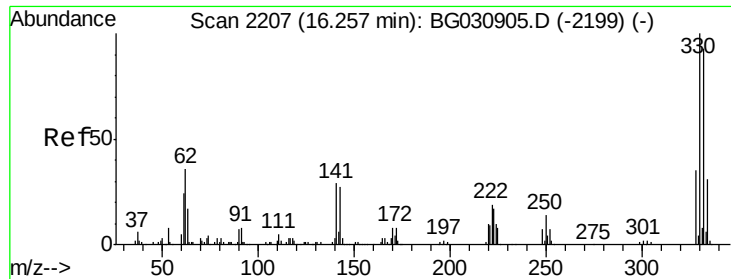
Tot Ion: 82 Resp: 428751
 Ion Ratio Lower Upper
 82 100
 128 46.9 29.7 44.5#
 54 48.2 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1950
 Delta R.T. -0.03 min
 Lab File: BG031331.D
 Acq: 1 Dec 2017 23:24

Tgt Ion:164 Resp: 196321
 Ion Ratio Lower Upper
 164 100
 162 106.6 78.8 118.2
 160 45.1 35.4 53.0

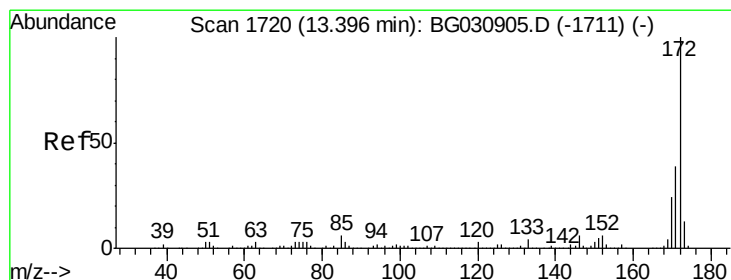
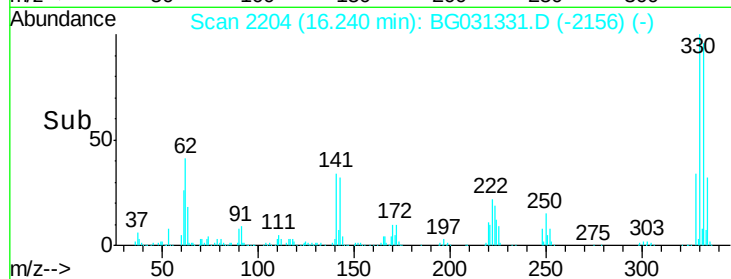
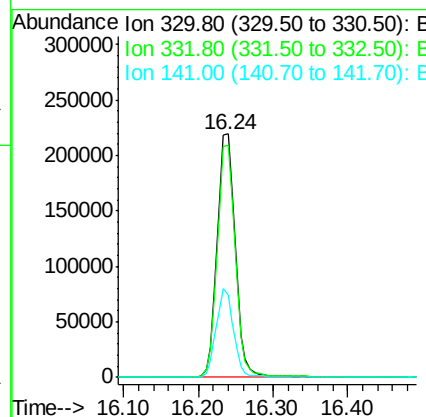
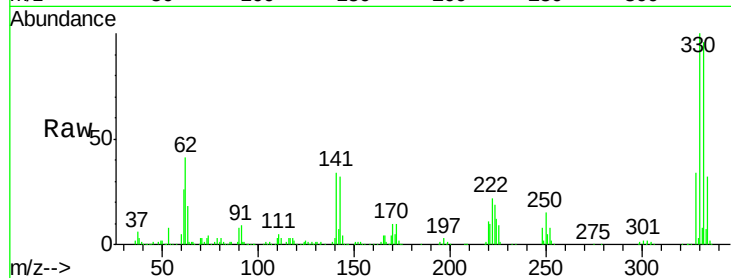




#41
 2,4,6-Tribromophenol
 Concen: 117.40 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031331.D
 Acq: 1 Dec 2017 23:24

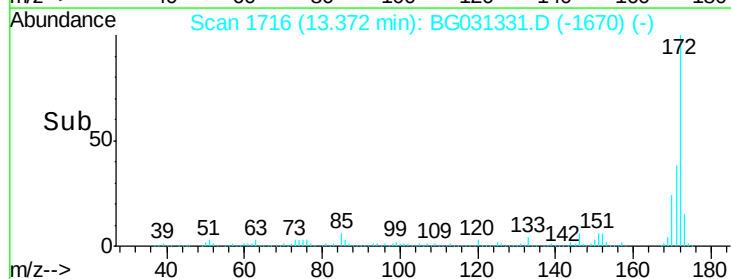
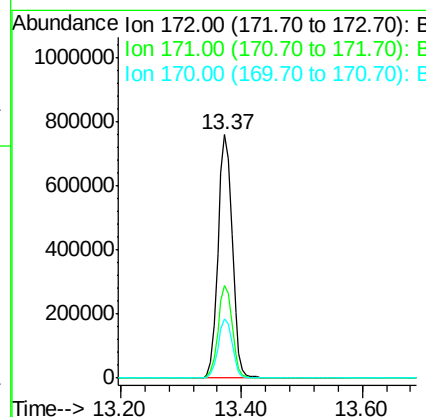
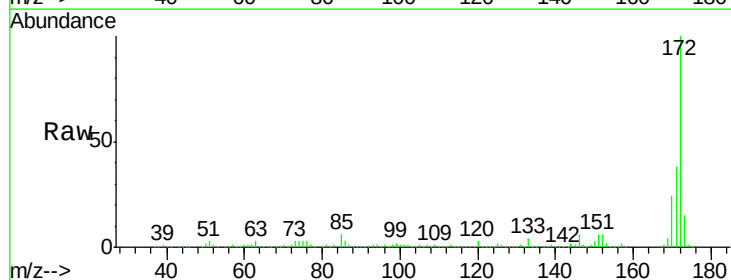
Instrument :
 BNA_G
 ClientSampleId :
 MW-2A

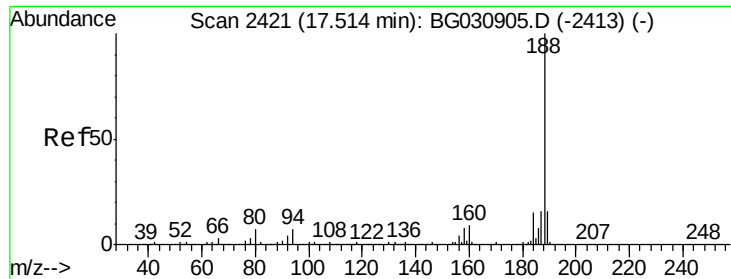
Tot Ion:330 Resp: 372841
 Ion Ratio Lower Upper
 330 100
 332 94.2 77.0 115.6
 141 34.8 25.2 37.8



#44
 2-Fluorobiphenyl
 Concen: 90.59 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.03 min
 Lab File: BG031331.D
 Acq: 1 Dec 2017 23:24

Tgt Ion:172 Resp: 1237679
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.0 45.0
 170 24.3 19.5 29.3

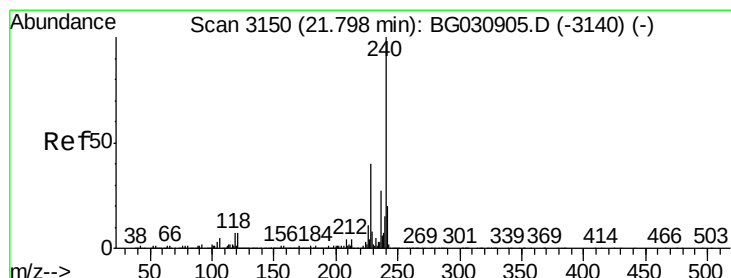
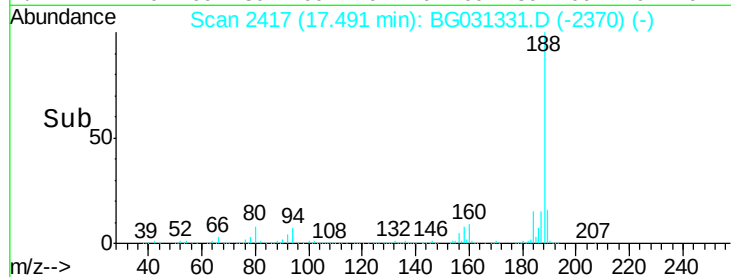
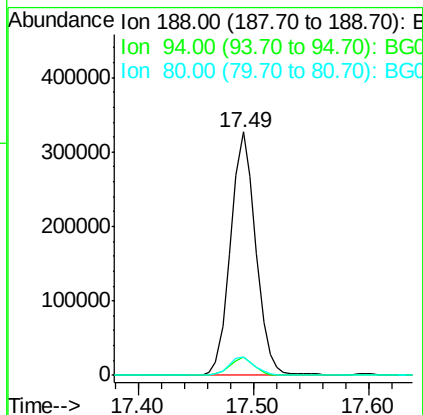
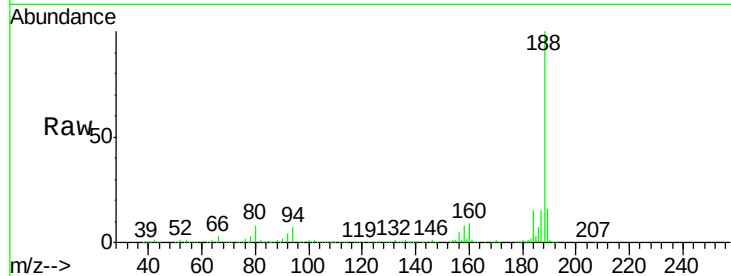




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG031331.D
Acq: 1 Dec 2017 23:24

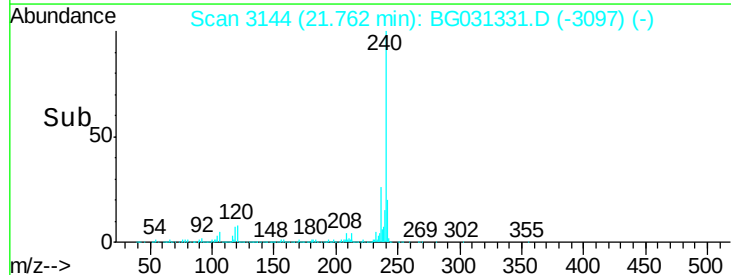
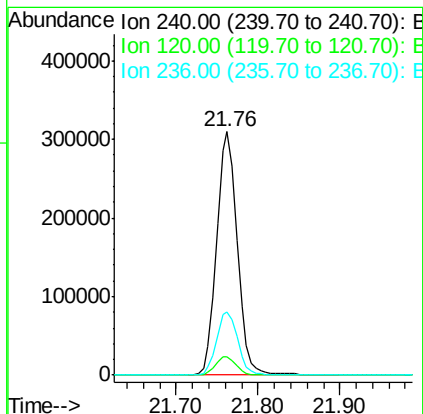
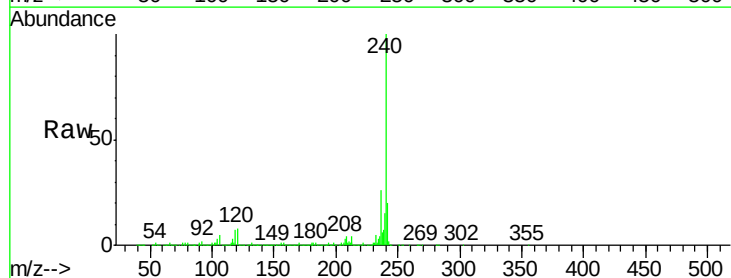
Instrument :
BNA_G
ClientSampleId :
MW-2A

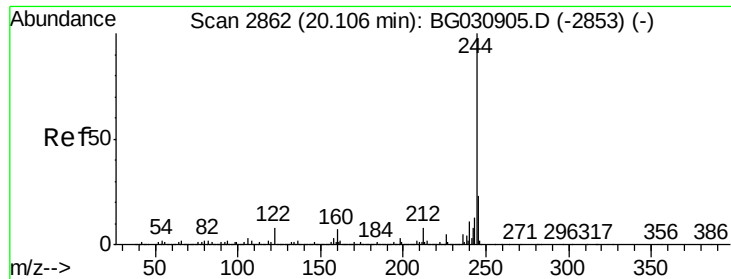
Tot Ion:188 Resp: 496111
Ion Ratio Lower Upper
188 100
94 7.4 6.9 10.3
80 7.8 7.7 11.5



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG031331.D
Acq: 1 Dec 2017 23:24

Tgt Ion:240 Resp: 546126
Ion Ratio Lower Upper
240 100
120 7.6 6.8 10.2
236 26.1 20.9 31.3





#78

Terphenyl-d14

Concen: 86.68 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG031331.D

Acq: 1 Dec 2017 23:24

Instrument :

BNA_G

ClientSampleId :

MW-2A

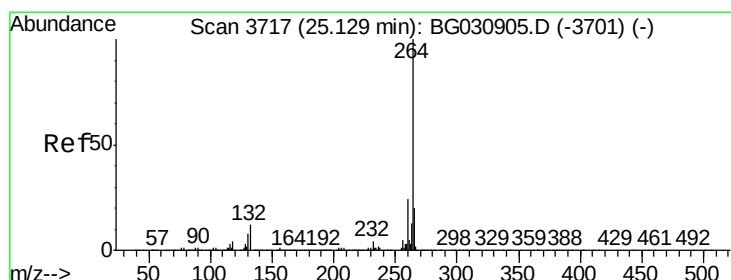
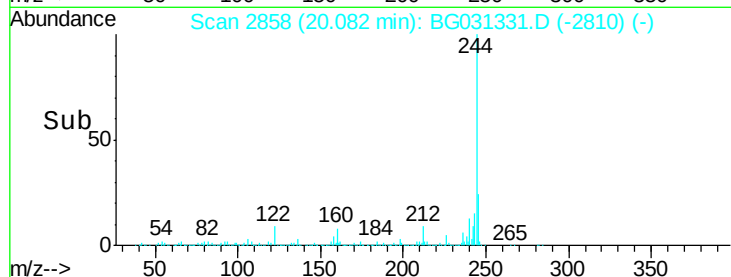
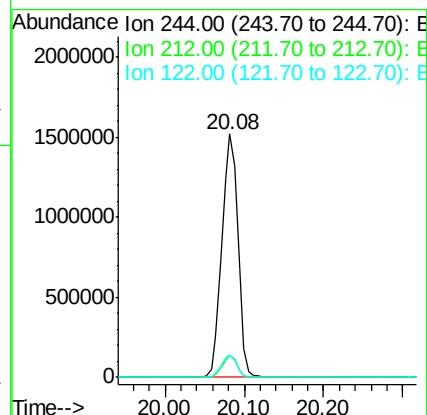
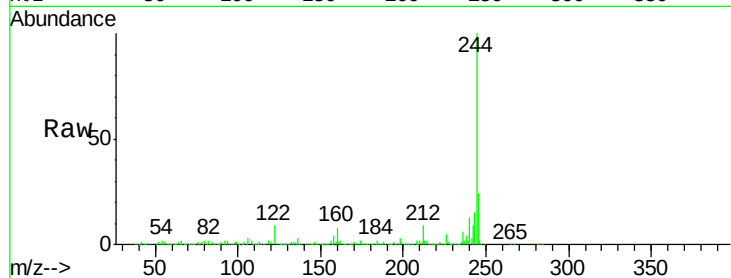
Tot Ion:244 Resp: 2143796

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

122 9.2 7.0 10.4



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.06 min Scan# 3705

Delta R.T. -0.03 min

Lab File: BG031331.D

Acq: 1 Dec 2017 23:24

Tgt Ion:264 Resp: 540327

Ion Ratio Lower Upper

264 100

260 25.0 17.4 26.0

265 22.2 17.7 26.5

