

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120617\
 Data File : BG031396.D
 Acq On : 7 Dec 2017 8:33
 Operator : SJ/JU
 Sample : I6741-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-7

Quant Time: Dec 07 09:55:59 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 17:58:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	61417	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	258782	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	166555	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	449599	20.00	ng	0.00
75) Chrysene-d12	21.77	240	524285	20.00	ng	0.00
86) Perylene-d12	25.07	264	485743	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	450294	125.72	ng	0.00
7) Phenol-d6	7.29	99	549808	113.94	ng	0.00
23) Nitrobenzene-d5	9.30	82	379331	86.86	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	274445	101.86	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	1068373	92.17	ng	0.00
78) Terphenyl-d14	20.09	244	2096611	88.30	ng	0.00

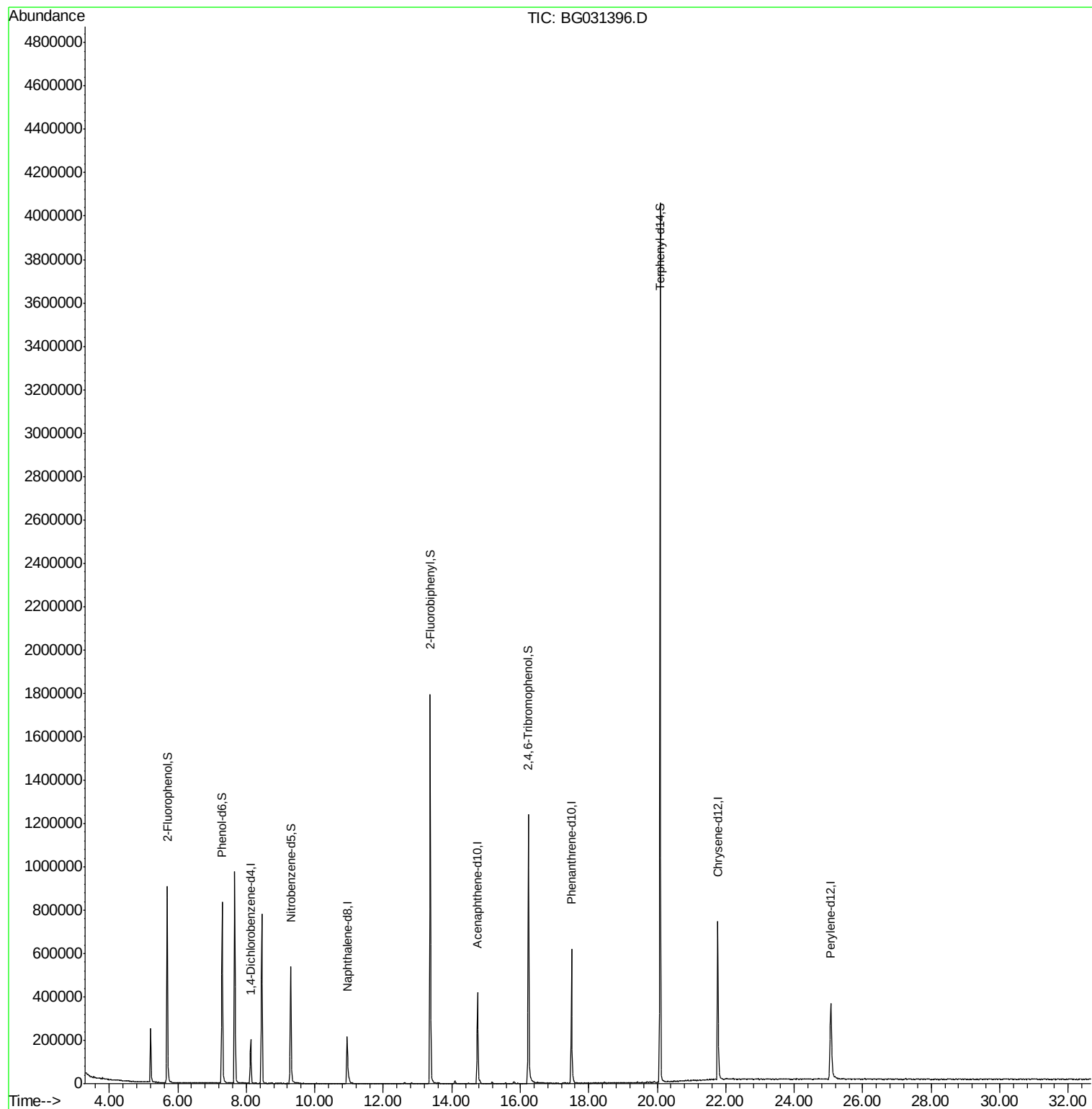
Target Compounds Qvalue

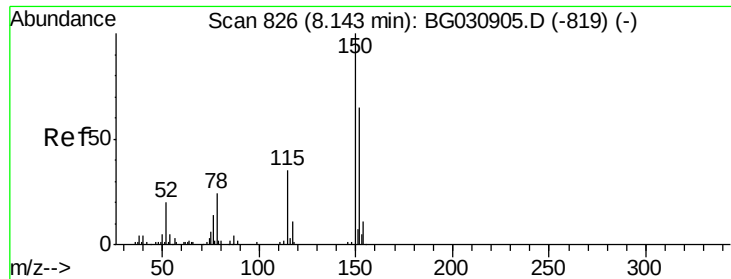
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.13 min Scan# 824

Delta R.T. 0.00 min

Lab File: BG031396.D

Acq: 7 Dec 2017 8:33

Instrument :

BNA_G

ClientSampleId :

DRUM-1-7

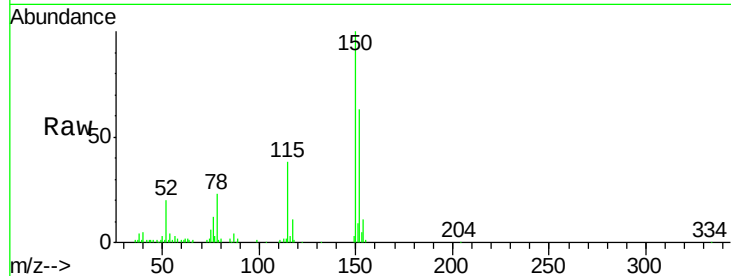
Tot Ion:152 Resp: 61417

Ion Ratio Lower Upper

152 100

150 158.7 126.6 189.8

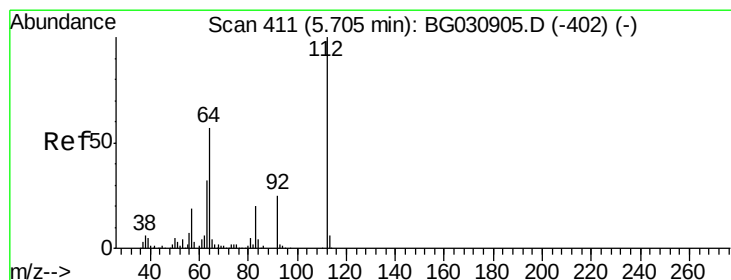
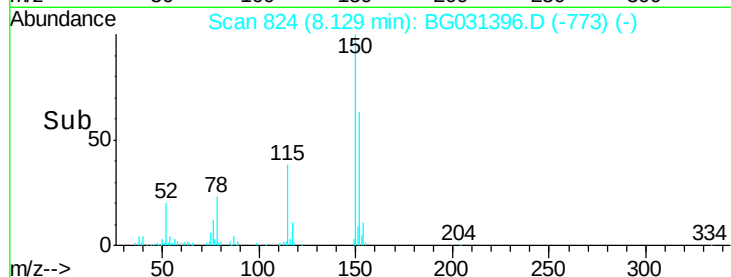
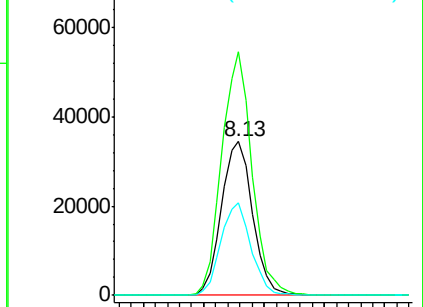
115 60.0 53.0 79.4



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: 125.722 ng

RT: 5.69 min Scan# 409

Delta R.T. 0.01 min

Lab File: BG031396.D

Acq: 7 Dec 2017 8:33

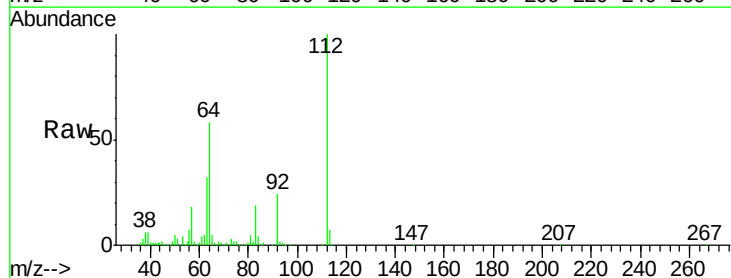
Tgt Ion:112 Resp: 450294

Ion Ratio Lower Upper

112 100

64 57.7 56.3 84.5

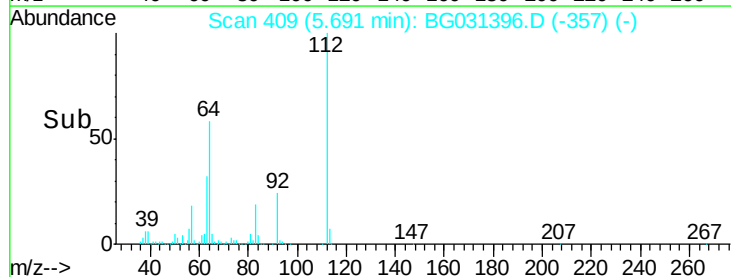
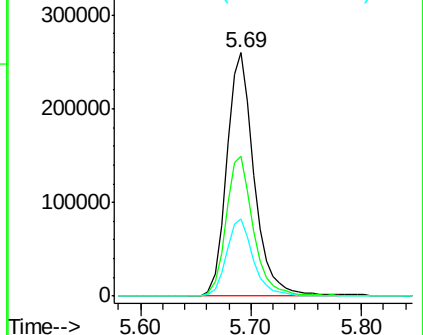
63 31.6 30.1 45.1

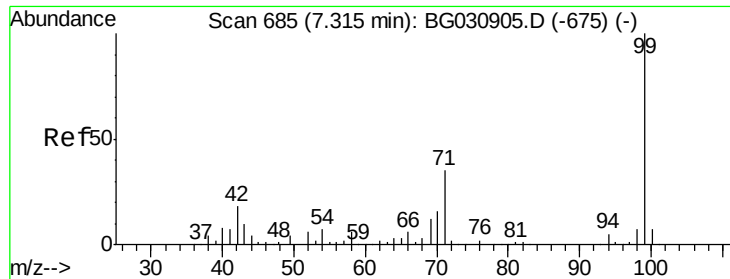


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 113.943 ng

RT: 7.29 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG031396.D

Acq: 7 Dec 2017 8:33

Instrument :

BNA_G

ClientSampleId :

DRUM-1-7

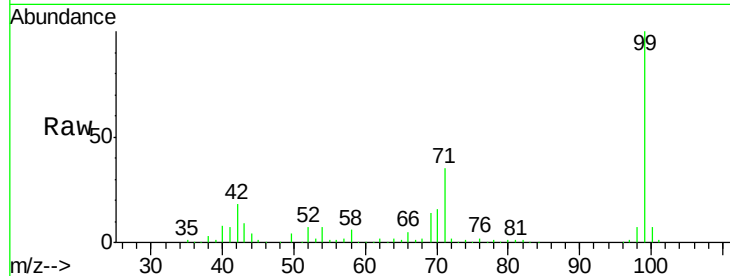
Tot Ion: 99 Resp: 549808

Ion Ratio Lower Upper

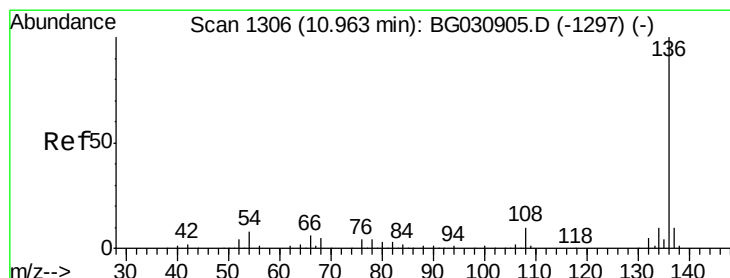
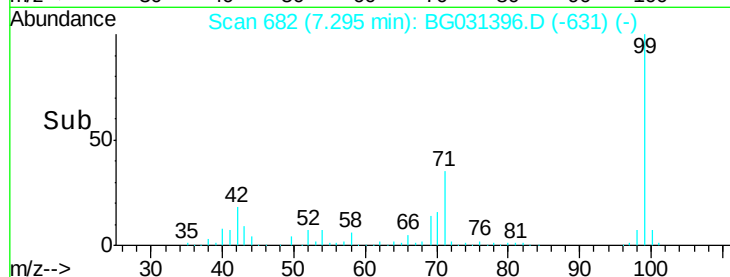
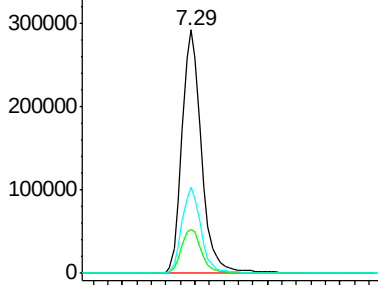
99 100

42 18.2 14.1 21.1

71 35.4 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: 10.95 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BG031396.D

Acq: 7 Dec 2017 8:33

Tgt Ion: 136 Resp: 258782

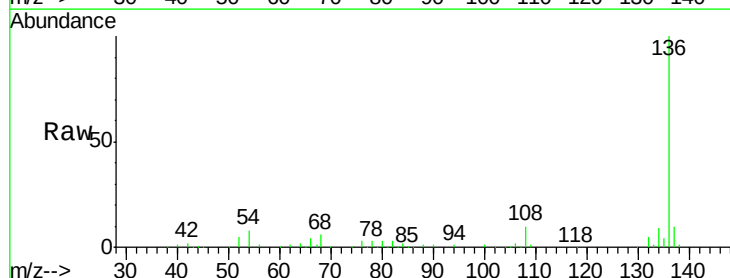
Ion Ratio Lower Upper

136 100

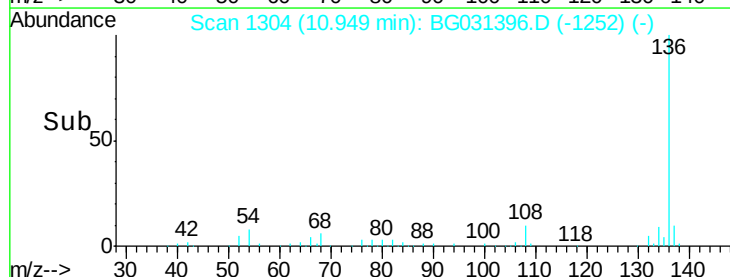
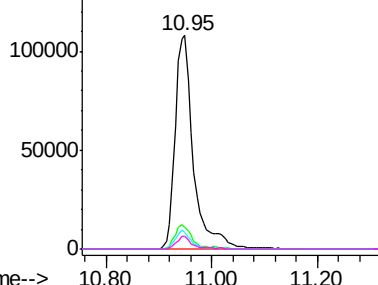
137 10.1 9.2 13.8

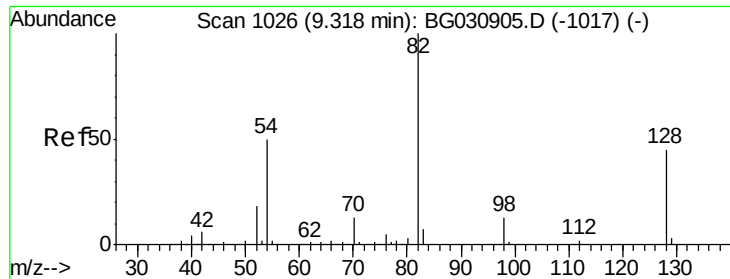
54 7.7 10.3 15.5#

68 5.8 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

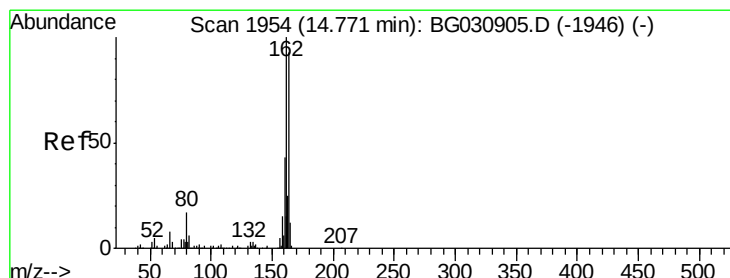
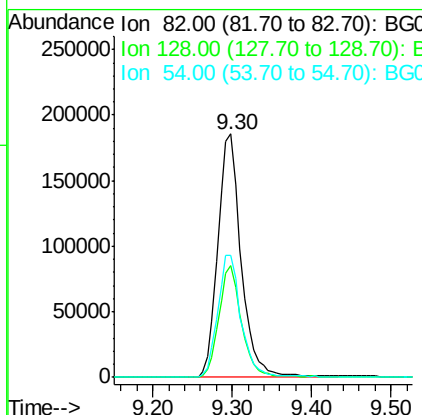
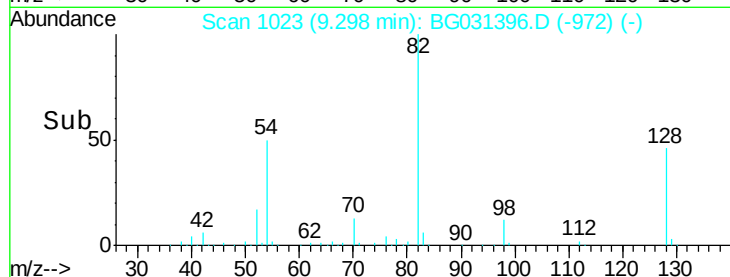
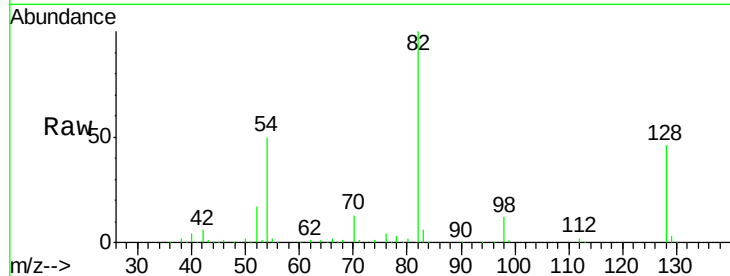




#23
 Nitrobenzene-d5
 Concen: 86.860 ng
 RT: 9.30 min Scan# 1023
 Delta R.T. 0.00 min
 Lab File: BG031396.D
 Acq: 7 Dec 2017 8:33

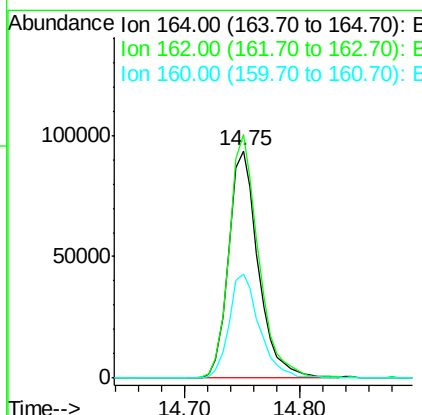
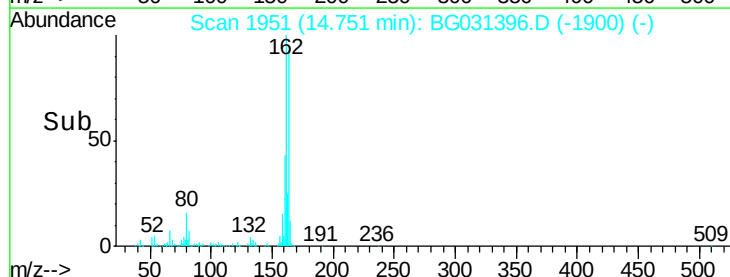
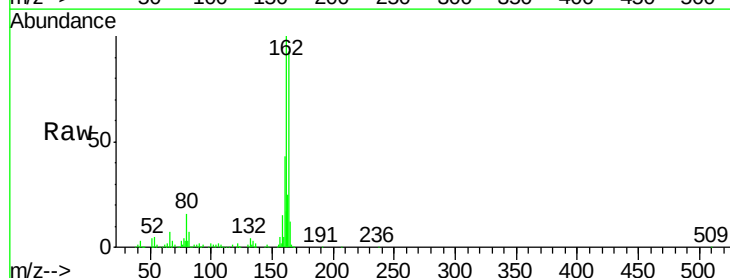
Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-7

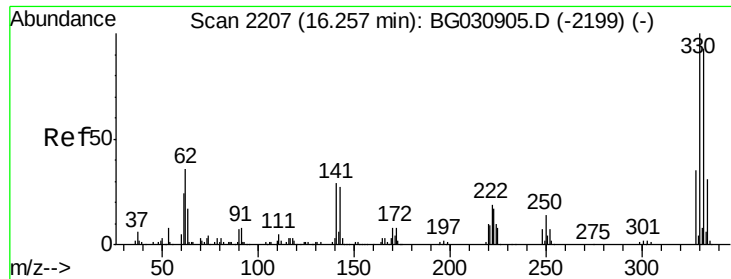
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.0	29.7	44.5#
54	50.0	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: BG031396.D
 Acq: 7 Dec 2017 8:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.1	78.8	118.2
160	45.8	35.4	53.0

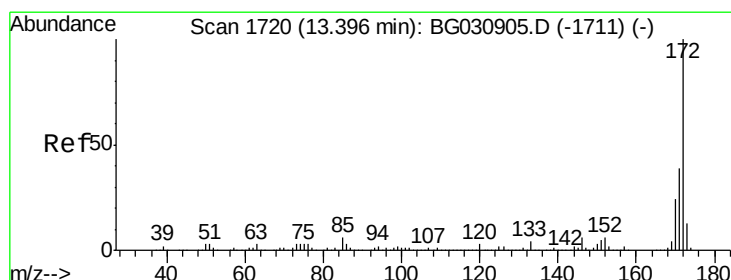
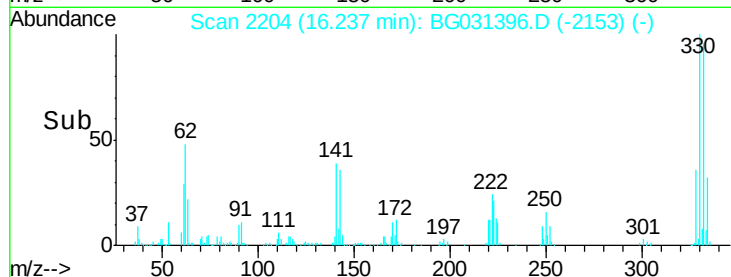
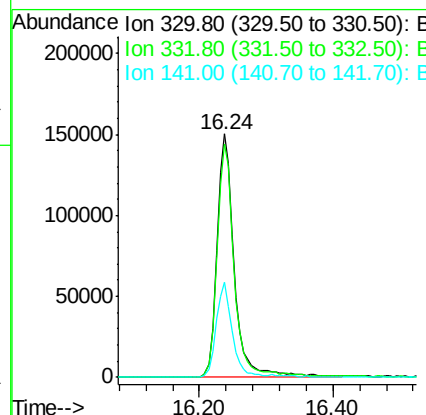
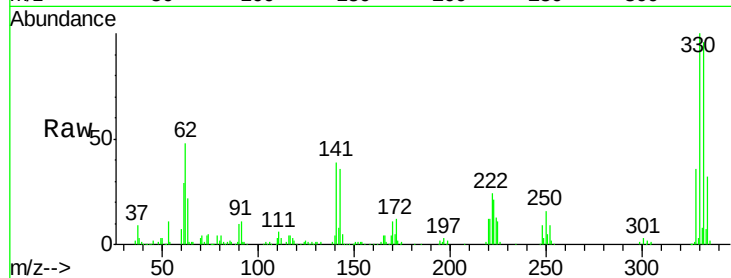




#41
 2,4,6-Tribromophenol
 Concen: 101.861 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BG031396.D
 Acq: 7 Dec 2017 8:33

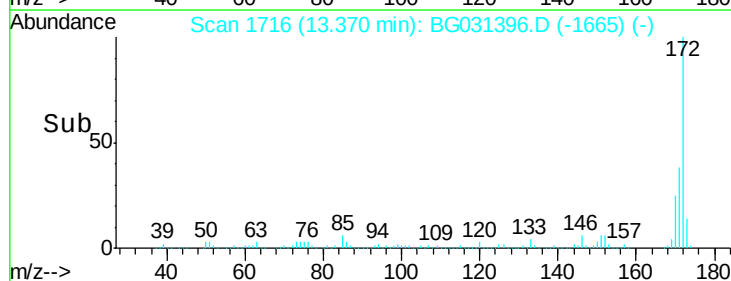
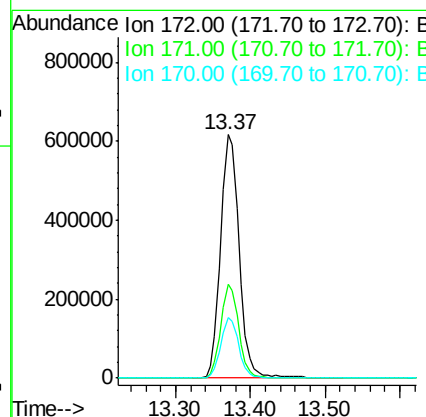
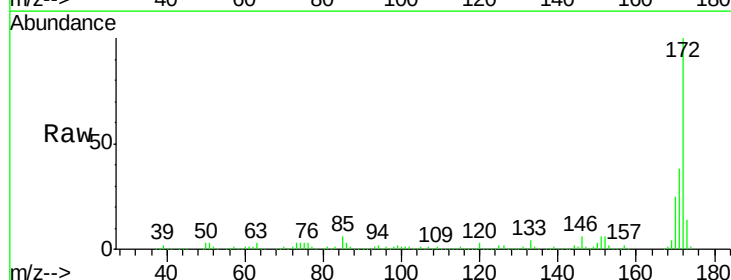
Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-7

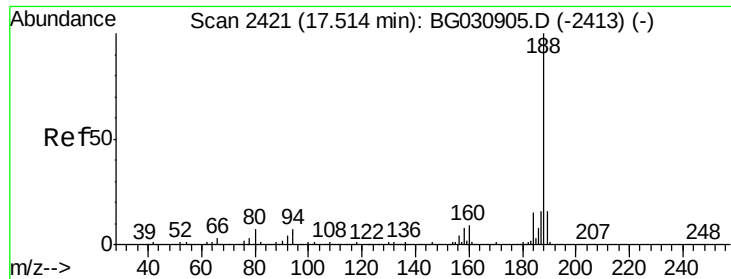
Tot Ion:330 Resp: 274445
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 37.2 25.2 37.8



#44
 2-Fluorobiphenyl
 Concen: 92.170 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG031396.D
 Acq: 7 Dec 2017 8:33

Tgt Ion:172 Resp: 1068373
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.0 45.0
 170 24.7 19.5 29.3

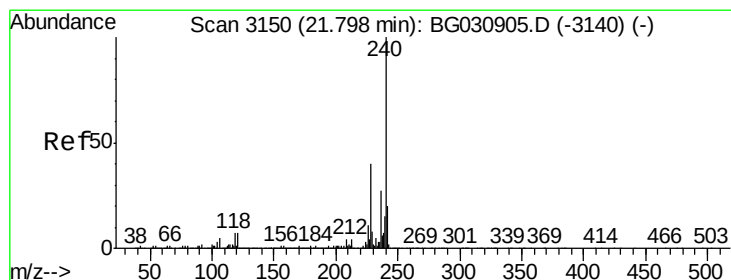
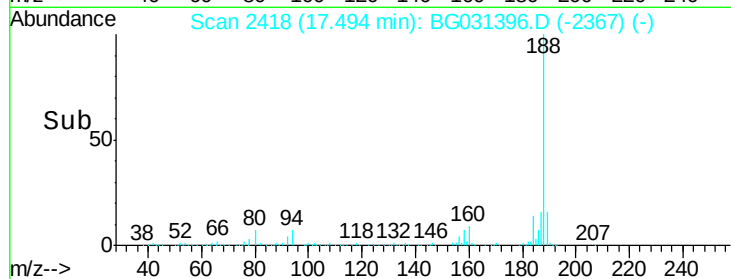
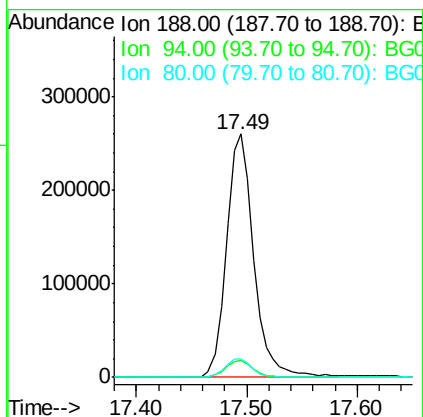
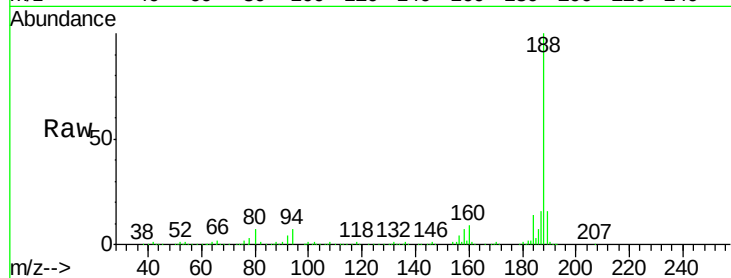




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2418
Delta R.T. 0.00 min
Lab File: BG031396.D
Acq: 7 Dec 2017 8:33

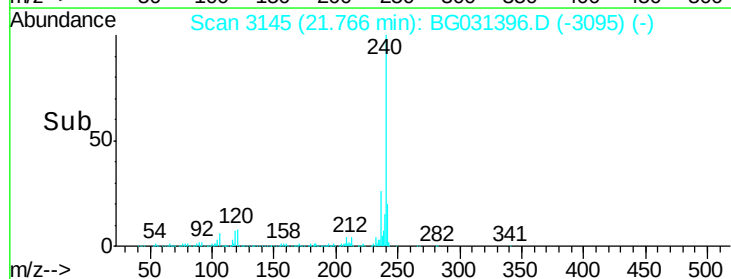
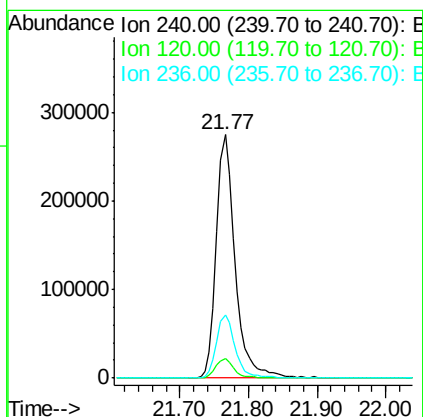
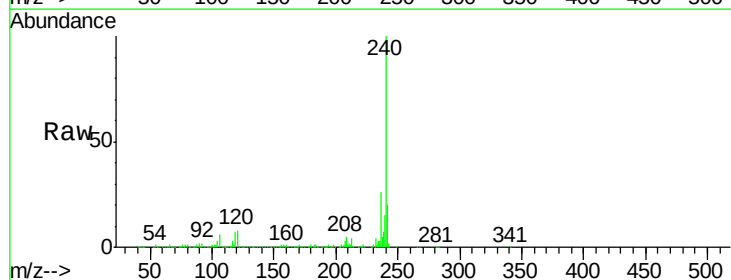
Instrument :
BNA_G
ClientSampleId :
DRUM-1-7

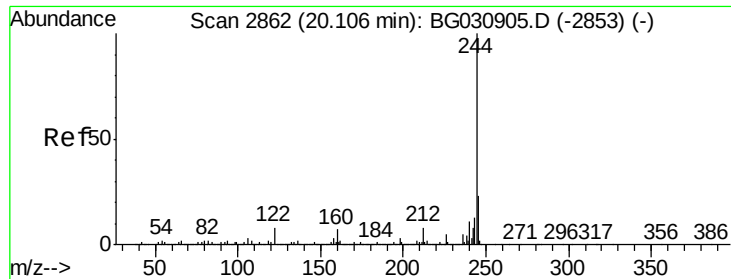
Tot Ion:188 Resp: 449599
Ion Ratio Lower Upper
188 100
94 6.8 6.9 10.3#
80 7.5 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG031396.D
Acq: 7 Dec 2017 8:33

Tgt Ion:240 Resp: 524285
Ion Ratio Lower Upper
240 100
120 8.3 6.8 10.2
236 26.1 20.9 31.3





#78

Terphenyl-d14

Concen: 88.301 ng

RT: 20.09 min Scan# 2859

Delta R.T. 0.00 min

Lab File: BG031396.D

Acq: 7 Dec 2017 8:33

Instrument :

BNA_G

ClientSampleId :

DRUM-1-7

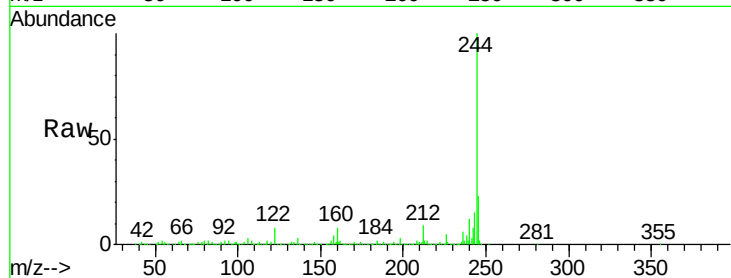
Tot Ion:244 Resp: 2096611

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

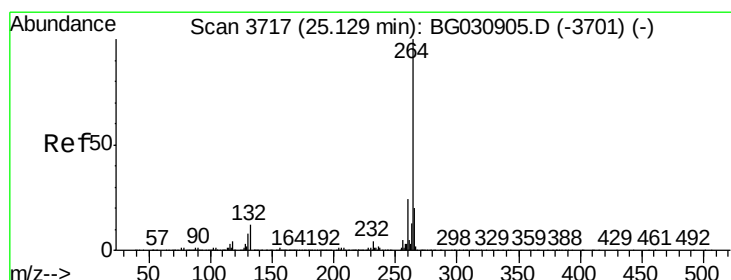
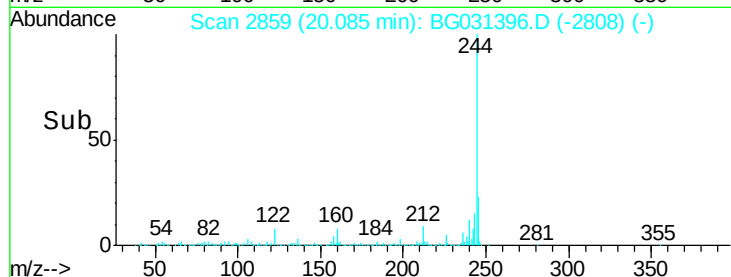
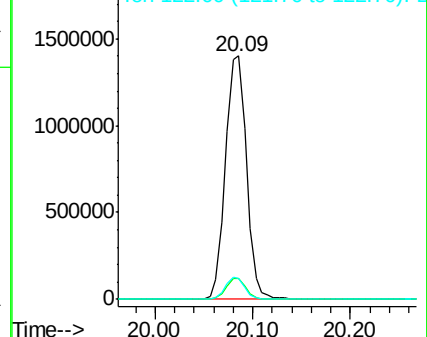
122 8.4 7.0 10.4



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: 20.000 ng

RT: 25.07 min Scan# 3707

Delta R.T. 0.00 min

Lab File: BG031396.D

Acq: 7 Dec 2017 8:33

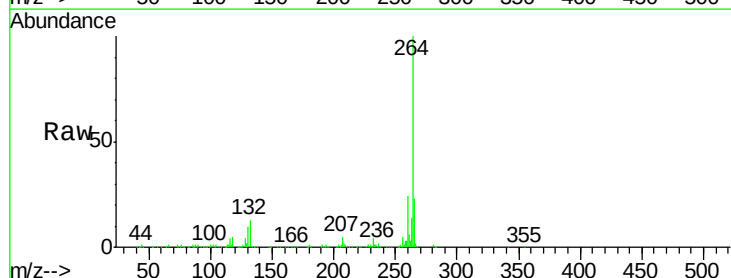
Tgt Ion:264 Resp: 485743

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

265 22.7 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

