

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120117\
 Data File : BG031333.D
 Acq On : 2 Dec 2017 00:39
 Operator : SJ/JU
 Sample : I6653-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-4

Quant Time: Dec 02 02:00:56 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

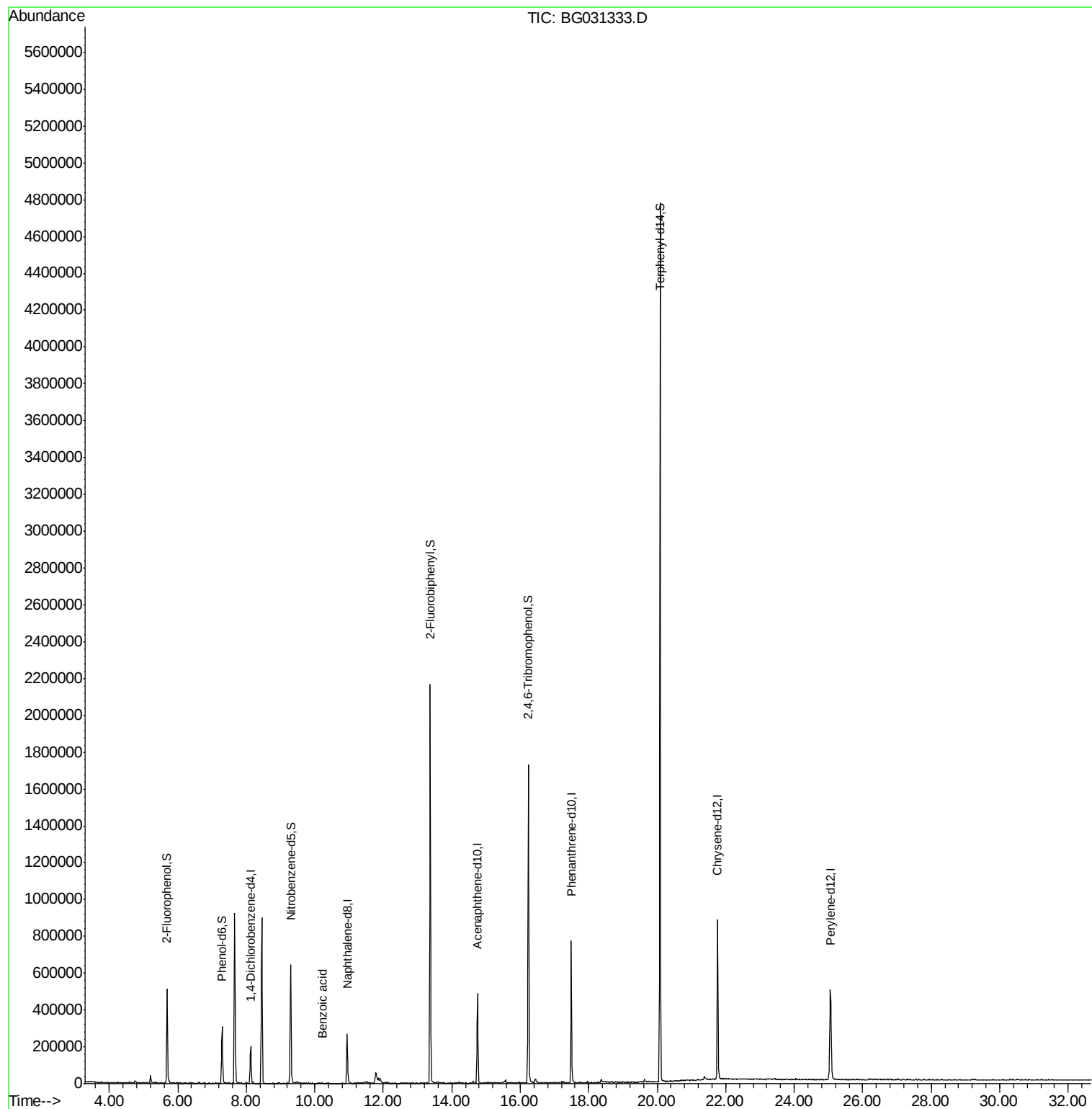
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	63846	20.00	ng	-0.03
21) Naphthalene-d8	10.94	136	283591	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	187471	20.00	ng	-0.03
63) Phenanthrene-d10	17.49	188	486442	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	569367	20.00	ng	-0.02
86) Perylene-d12	25.06	264	557749	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	272924	73.30	ng	-0.02
7) Phenol-d6	7.30	99	220048	43.87	ng	-0.01
23) Nitrobenzene-d5	9.30	82	443372	92.64	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	366496	120.85	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	1254623	96.16	ng	-0.03
78) Terphenyl-d14	20.08	244	2322772	90.08	ng	-0.02
Target Compounds						
32) Benzoic acid	10.22	122	72	5.68	ng	Qvalue # 1

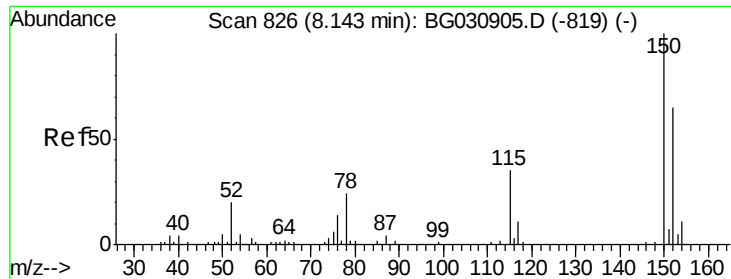
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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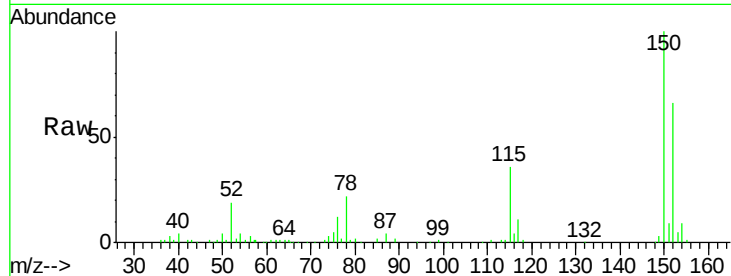


#1

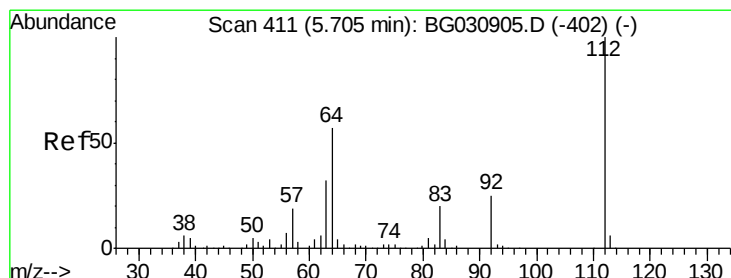
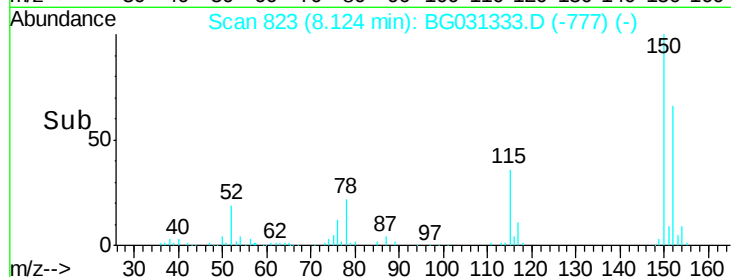
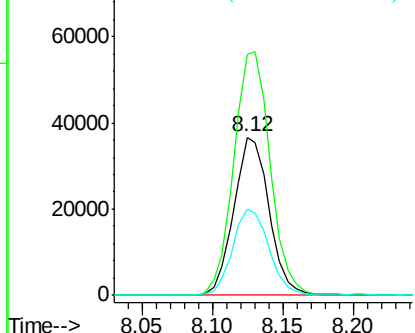
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 823
Delta R.T. -0.03 min
Lab File: BG031333.D
Acq: 2 Dec 2017 00:39

Instrument :
BNA_G
ClientSampleId :
MW-4

Tot Ion:152 Resp: 63846
Ion Ratio Lower Upper
152 100
150 152.5 126.6 189.8
115 55.0 53.0 79.4



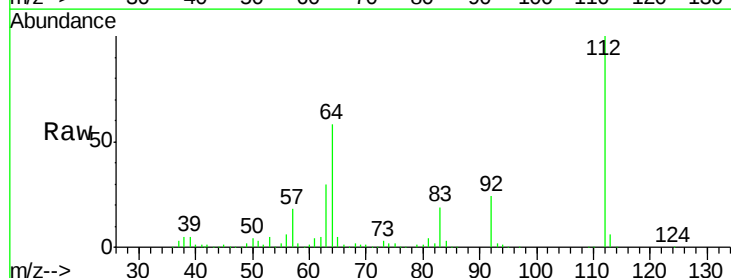
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



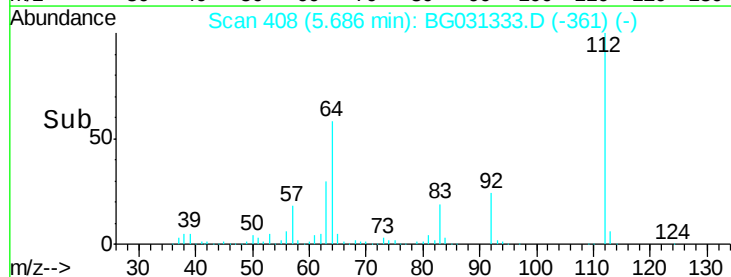
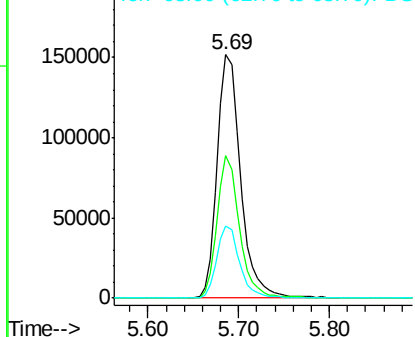
#5

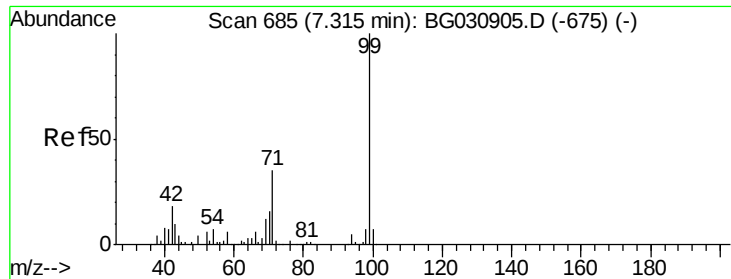
2-Fluorophenol
Concen: 73.30 ng
RT: 5.69 min Scan# 408
Delta R.T. -0.02 min
Lab File: BG031333.D
Acq: 2 Dec 2017 00:39

Tgt Ion:112 Resp: 272924
Ion Ratio Lower Upper
112 100
64 58.3 56.3 84.5
63 29.7 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: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031333.D

Acq: 2 Dec 2017 00:39

Instrument :

BNA_G

ClientSampleId :

MW-4

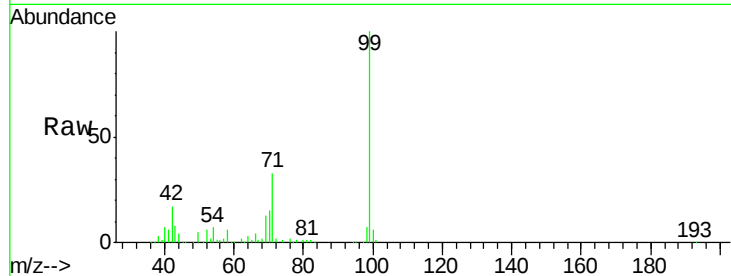
Tot Ion: 99 Resp: 220048

Ion Ratio Lower Upper

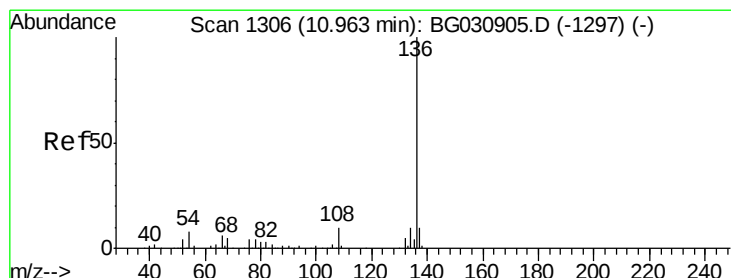
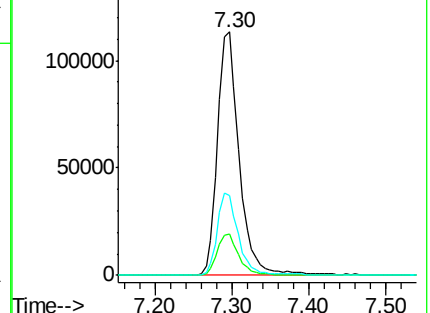
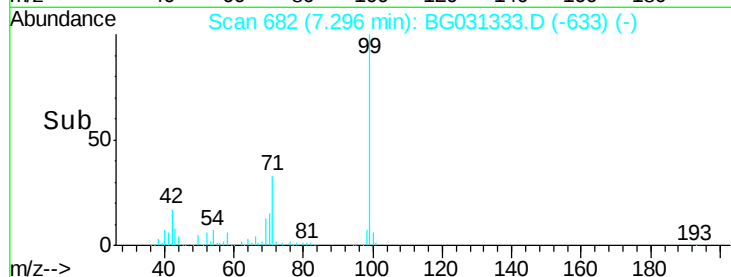
99 100

42 16.9 14.1 21.1

71 32.5 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: BG031333.D

Acq: 2 Dec 2017 00:39

Tgt Ion: 136 Resp: 283591

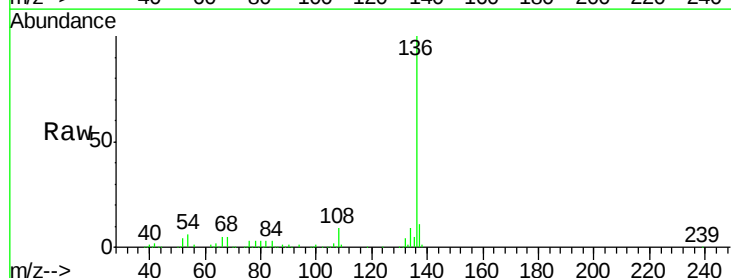
Ion Ratio Lower Upper

136 100

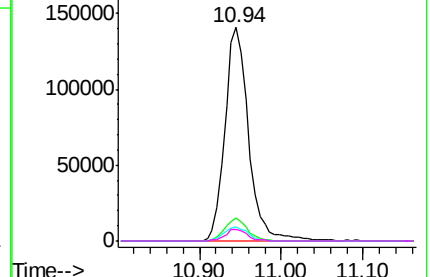
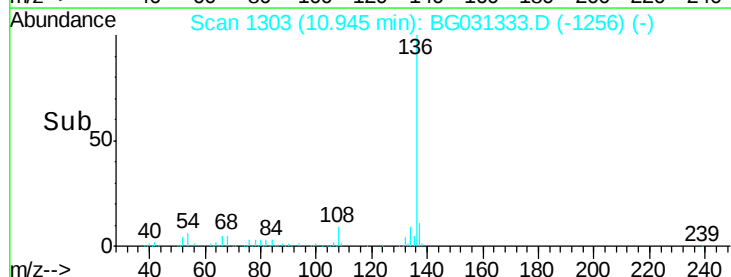
137 10.5 9.2 13.8

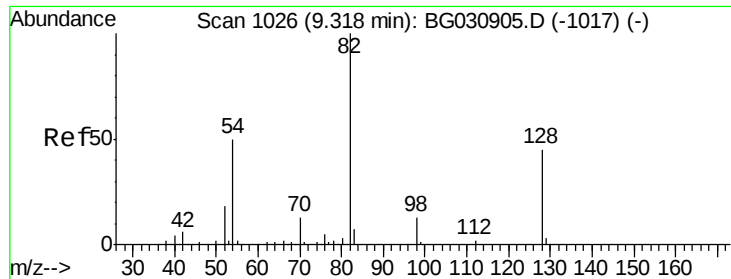
54 6.4 10.3 15.5#

68 5.2 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

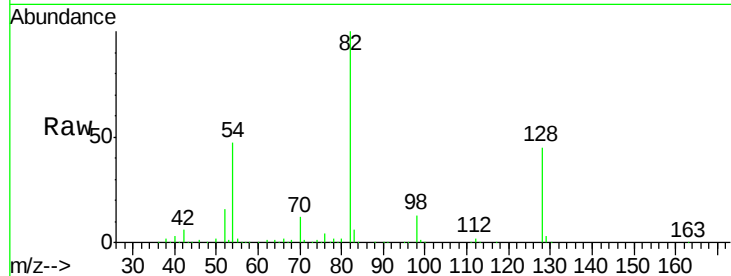




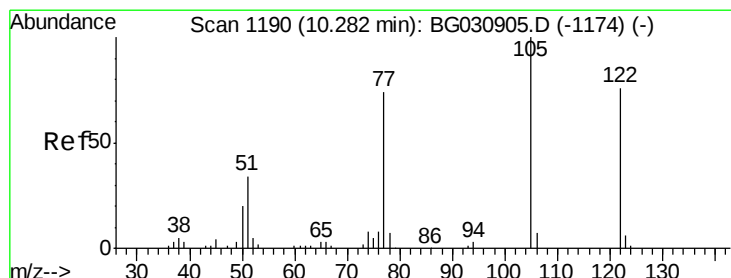
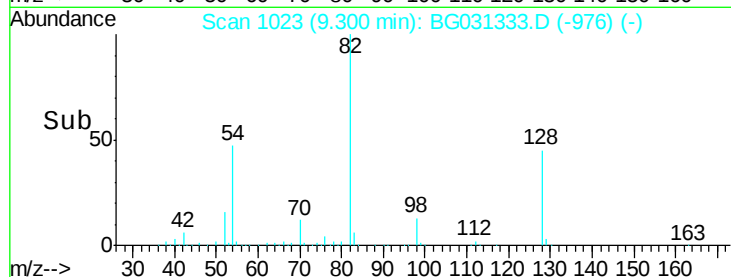
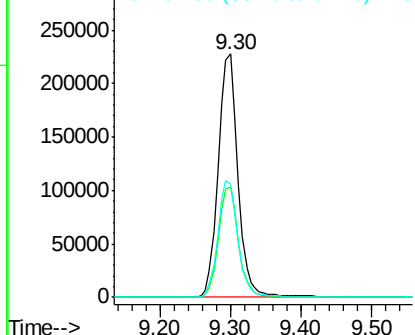
#23
 Nitrobenzene-d5
 Concen: 92.64 ng
 RT: 9.30 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BG031333.D
 Acq: 2 Dec 2017 00:39

Instrument :
 BNA_G
 ClientSampleId :
 MW-4

Tot Ion	82	Resp	443372
Ion Ratio	100	Lower	Upper
128	45.2	29.7	44.5#
54	46.7	43.1	64.7

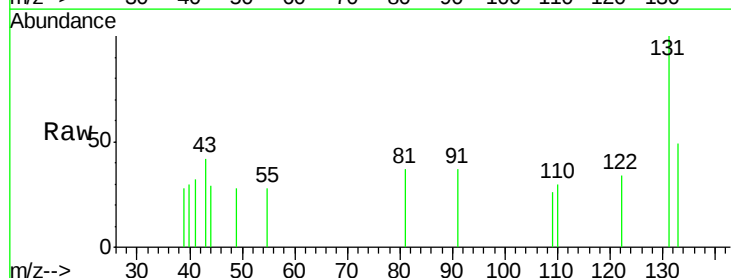


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

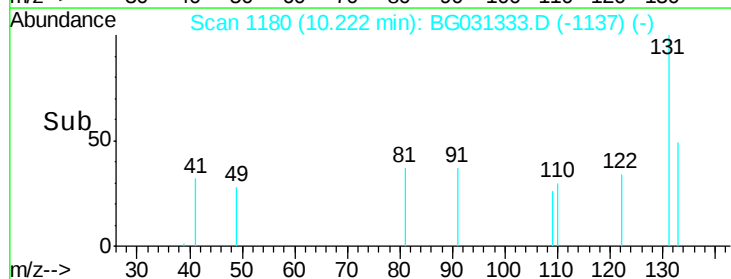
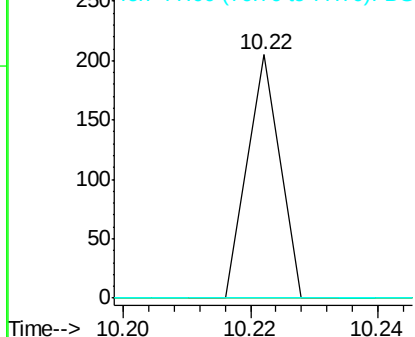


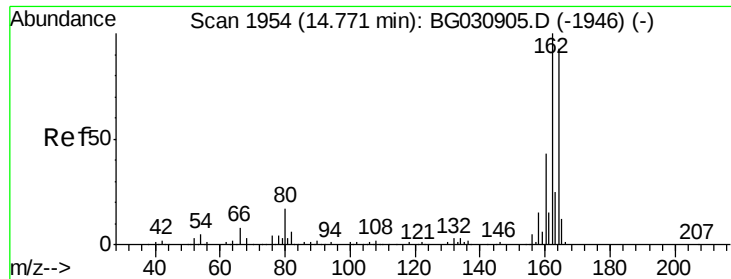
#32
 Benzoic acid
 Concen: 5.68 ng
 RT: 10.22 min Scan# 1180
 Delta R.T. -0.05 min
 Lab File: BG031333.D
 Acq: 2 Dec 2017 00:39

Tgt Ion	122	Resp	72
Ion Ratio	100	Lower	Upper
105	0.0	123.5	163.5#
77	0.0	85.7	125.7#



Abundance Ion 122.00 (121.70 to 122.70): BGC
 Ion 105.00 (104.70 to 105.70): BGC
 Ion 77.00 (76.70 to 77.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.75 min Scan# 1950

Delta R.T. -0.03 min

Lab File: BG031333.D

Acq: 2 Dec 2017 00:39

Instrument :

BNA_G

ClientSampleId :

MW-4

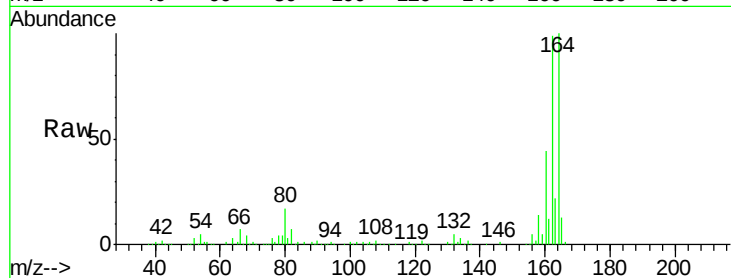
Tot Ion:164 Resp: 187471

Ion Ratio Lower Upper

164 100

162 99.1 78.8 118.2

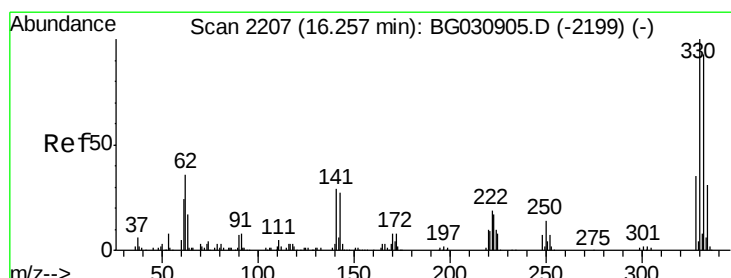
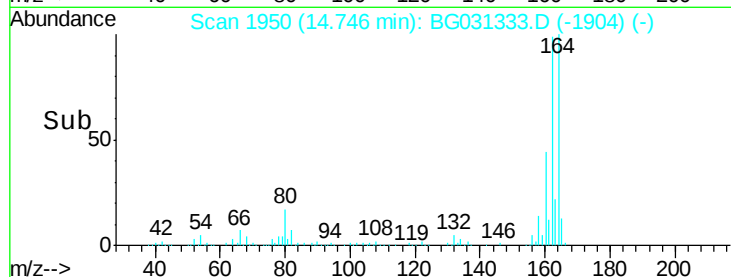
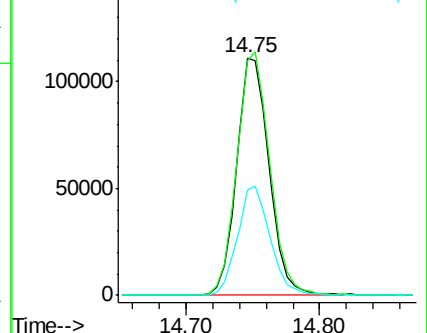
160 44.4 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 120.85 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG031333.D

Acq: 2 Dec 2017 00:39

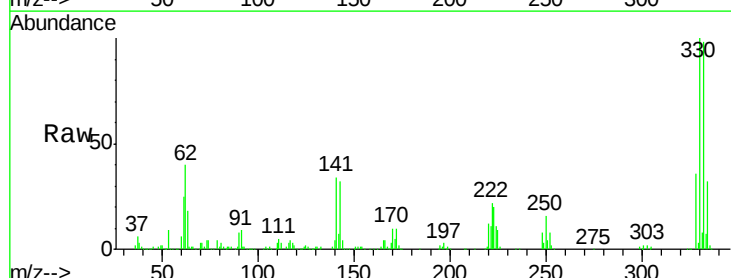
Tgt Ion:330 Resp: 366496

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

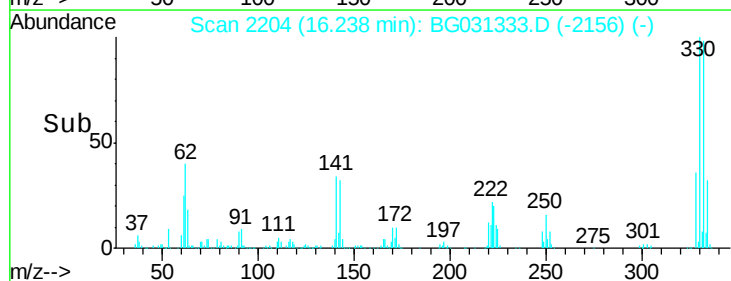
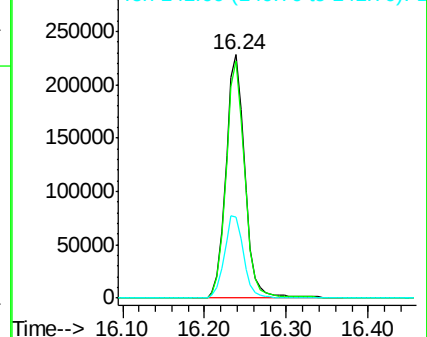
141 34.3 25.2 37.8

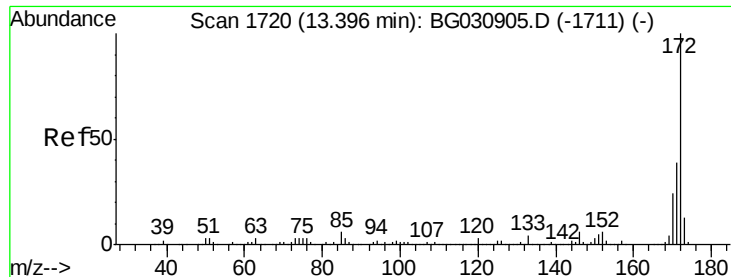


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



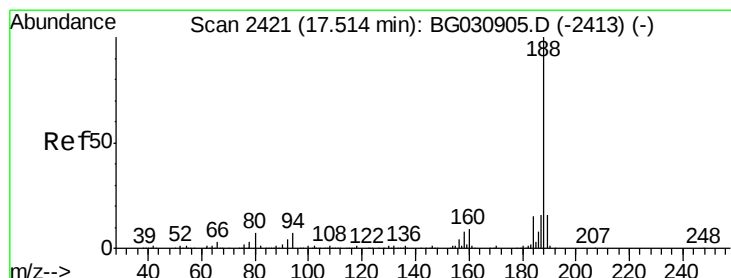
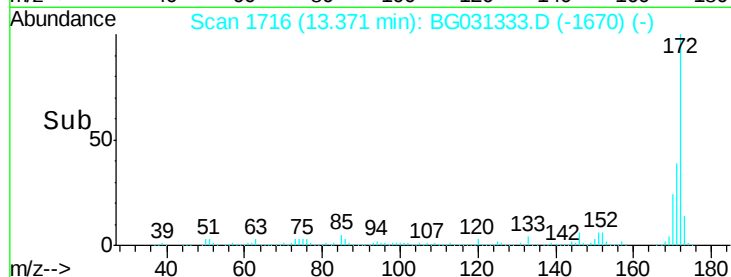
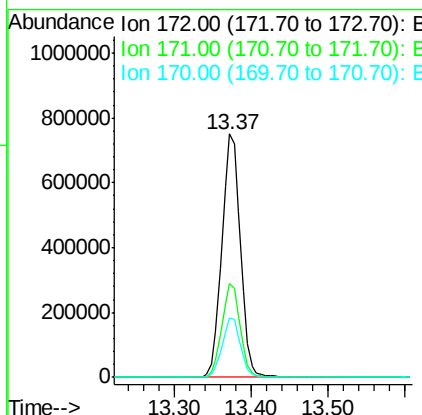
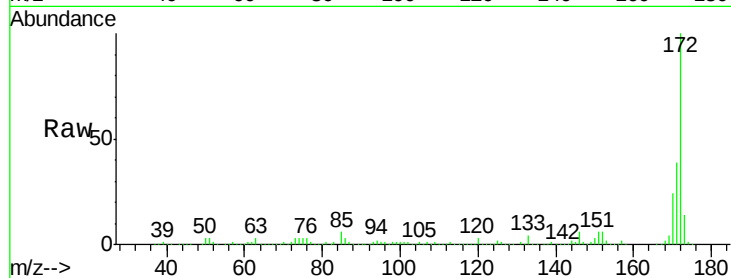


#44
 2-Fluorobiphenyl
 Concen: 96.16 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.03 min
 Lab File: BG031333.D
 Acq: 2 Dec 2017 00:39

Instrument :
 BNA_G
 ClientSampleId :
 MW-4

Tot Ion:172 Resp: 1254623

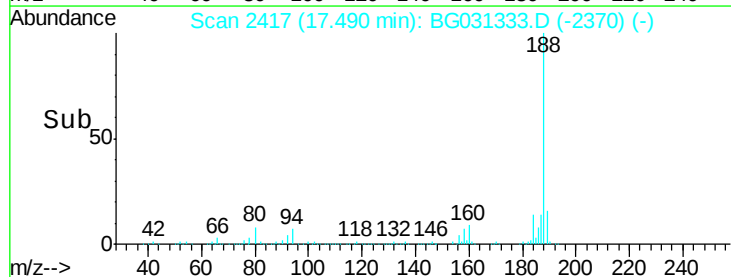
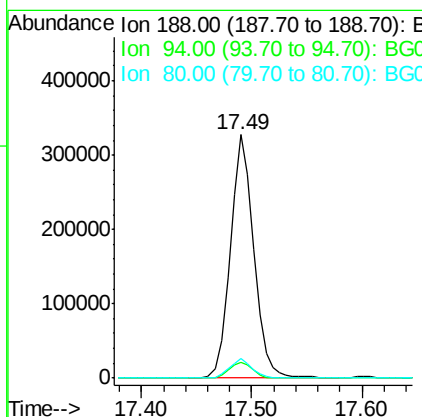
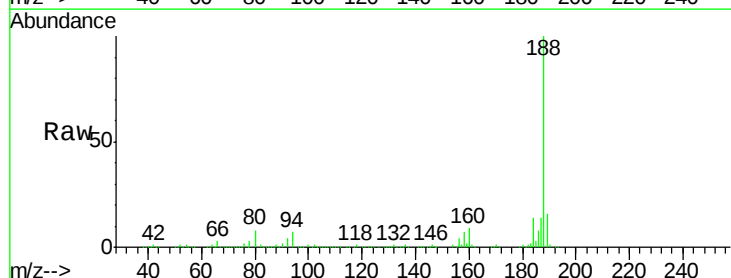
Ion	Ratio	Lower	Upper
172	100		
171	38.7	30.0	45.0
170	24.3	19.5	29.3

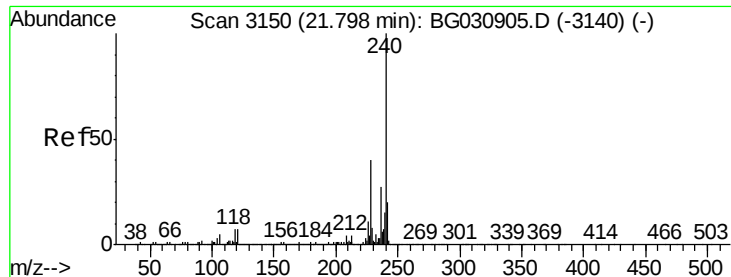


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.49 min Scan# 2417
 Delta R.T. -0.02 min
 Lab File: BG031333.D
 Acq: 2 Dec 2017 00:39

Tgt Ion:188 Resp: 486442

Ion	Ratio	Lower	Upper
188	100		
94	6.6	6.9	10.3#
80	7.9	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: BG031333.D

Acq: 2 Dec 2017 00:39

Instrument :

BNA_G

ClientSampleId :

MW-4

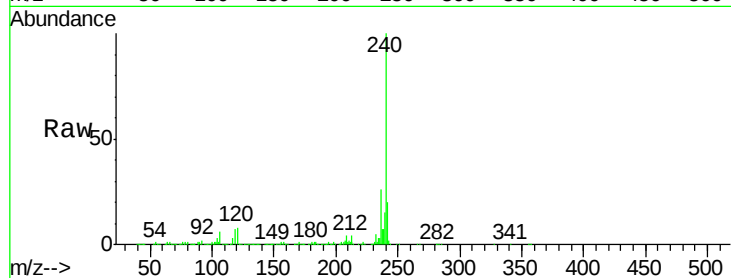
Tot Ion:240 Resp: 569367

Ion Ratio Lower Upper

240 100

120 7.8 6.8 10.2

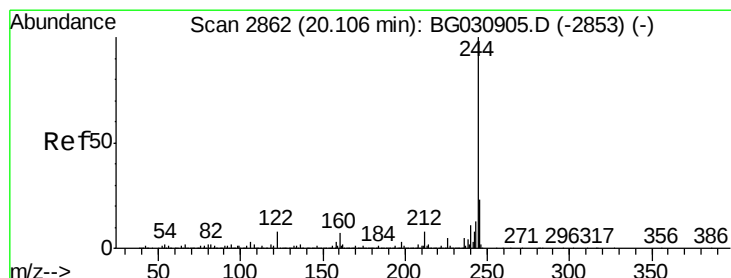
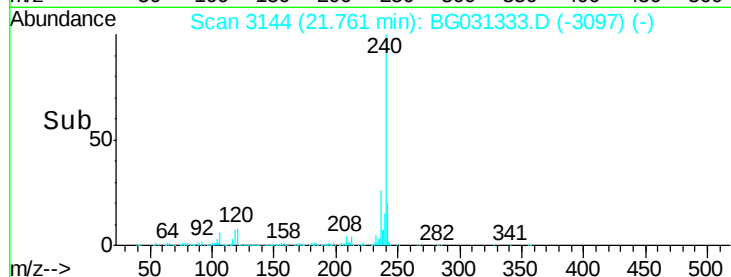
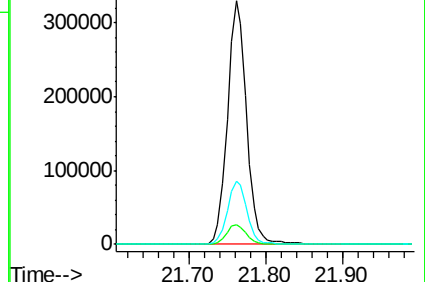
236 26.1 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 90.08 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG031333.D

Acq: 2 Dec 2017 00:39

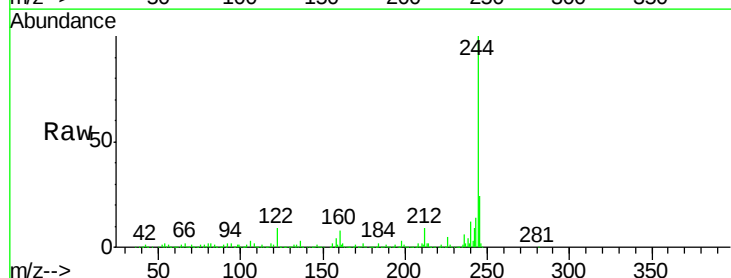
Tgt Ion:244 Resp: 2322772

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

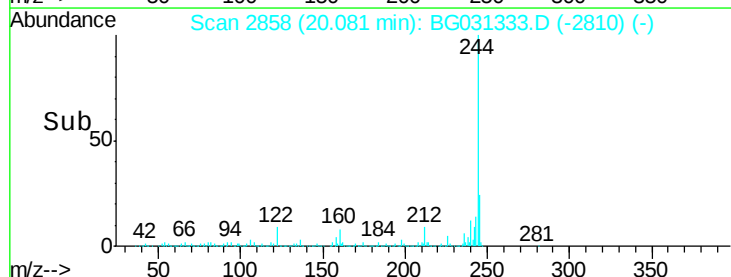
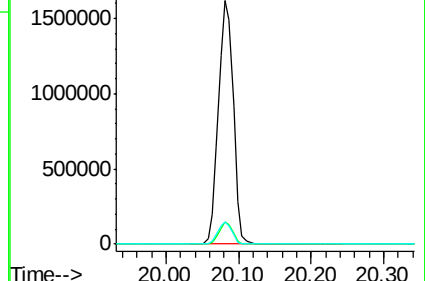
122 9.0 7.0 10.4

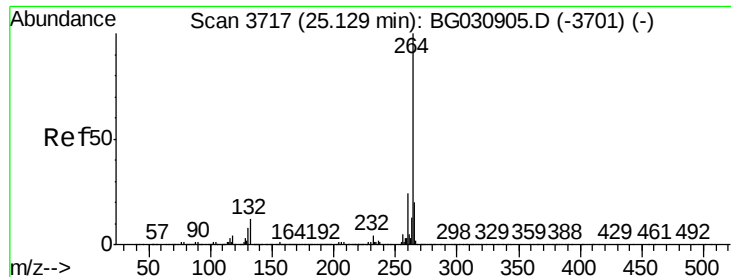


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.06 min Scan# 3705
Delta R.T. -0.03 min
Lab File: BG031333.D
Acq: 2 Dec 2017 00:39

Instrument :
BNA_G
ClientSampleId :
MW-4

Tot Ion:264 Resp: 557749

Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	21.4	17.7	26.5

