

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 04:24:17 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

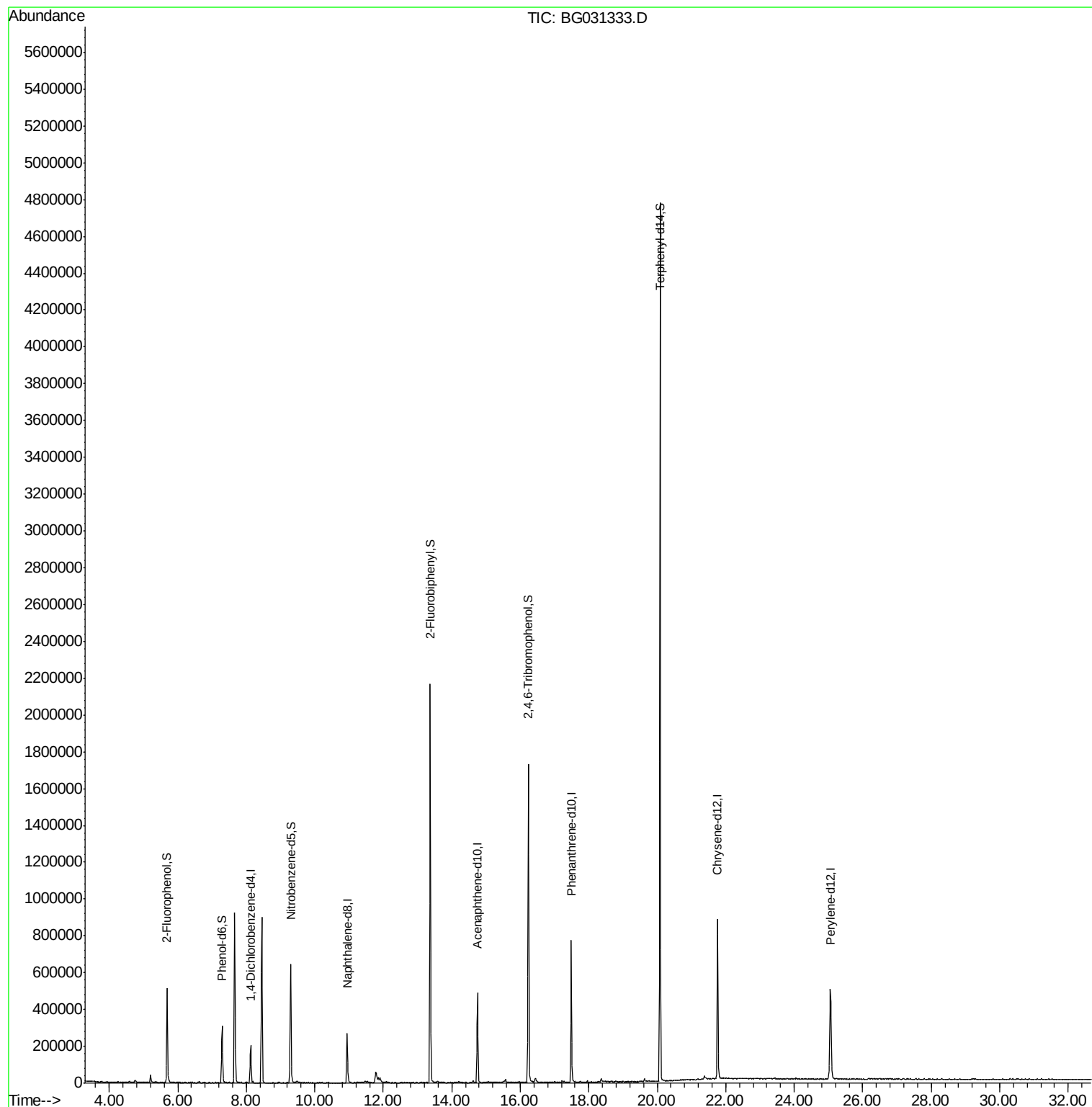
Target Compounds Qvalue

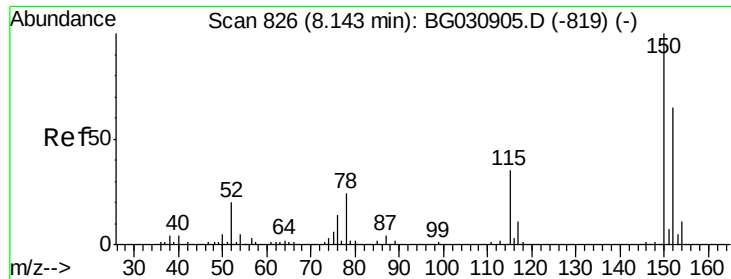
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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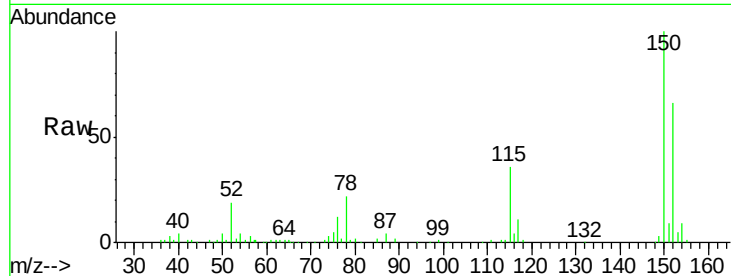


#1

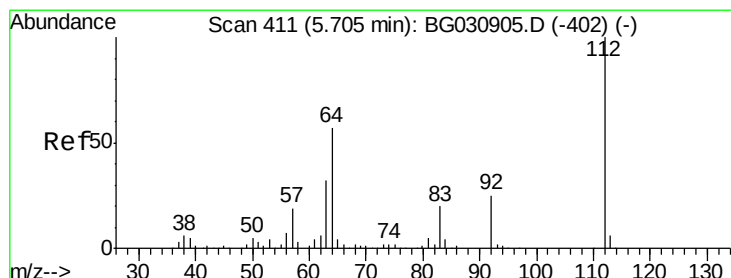
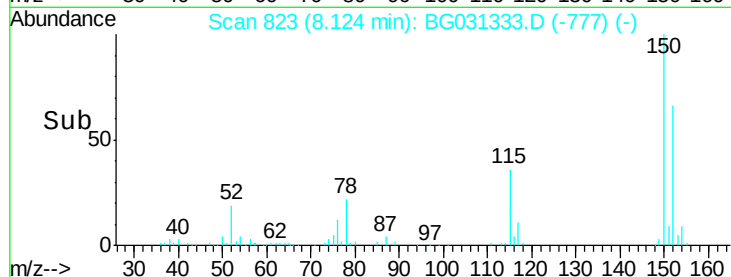
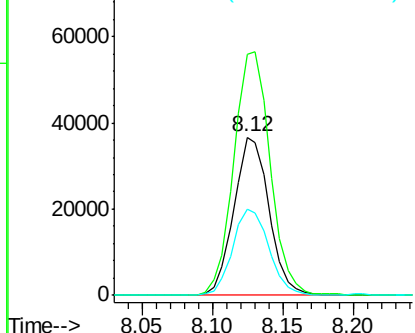
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 823
Delta R.T. -0.03 min
Lab File: BG031333.D
Acq: 2 Dec 2017 00:39

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



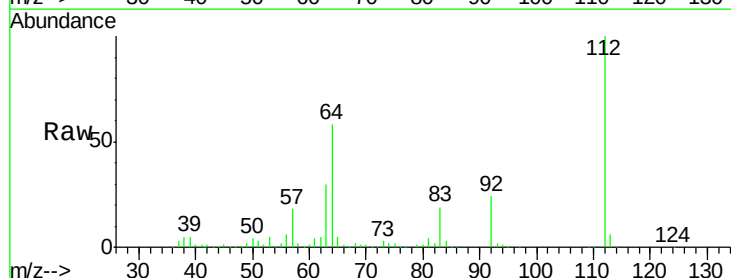
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



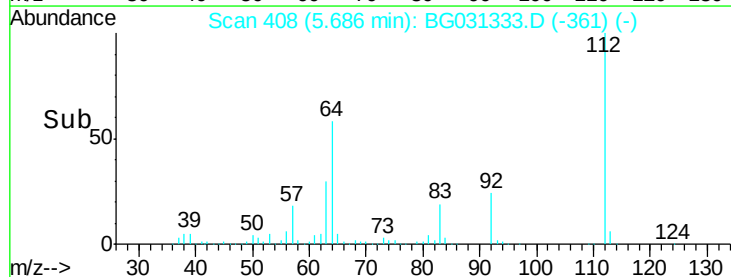
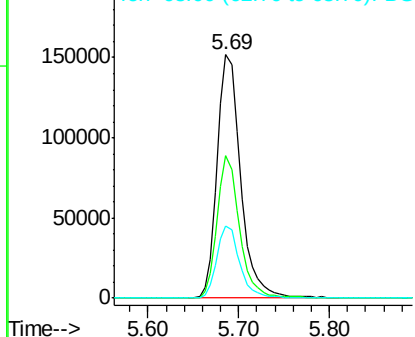
#5

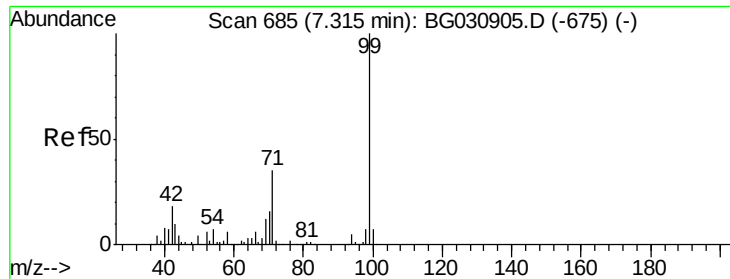
2-Fluorophenol
Concen: 73.30 ng
RT: 5.69 min Scan# 408
Delta R.T. -0.02 min
Lab File: BG031333.D
Acq: 2 Dec 2017 00:39

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): BG
Ion 63.00 (62.70 to 63.70): BG





#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

ClientSampled :

MW-4

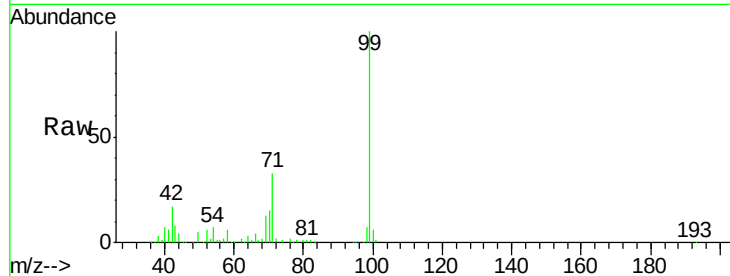
Tot Ion: 99 Resp: 220048

Ion Ratio Lower Upper

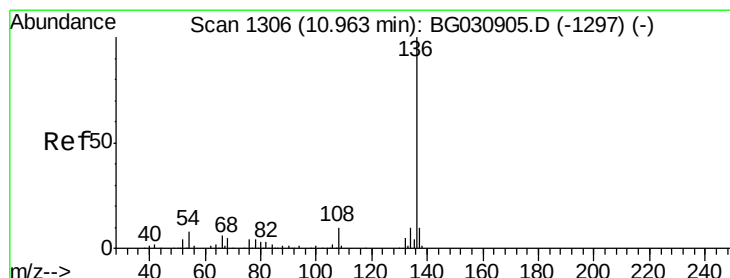
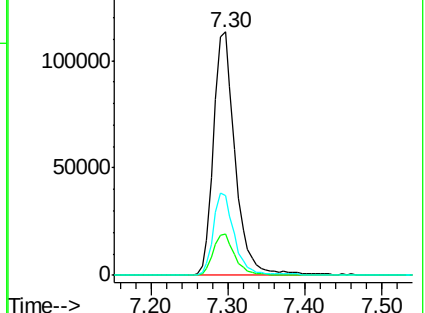
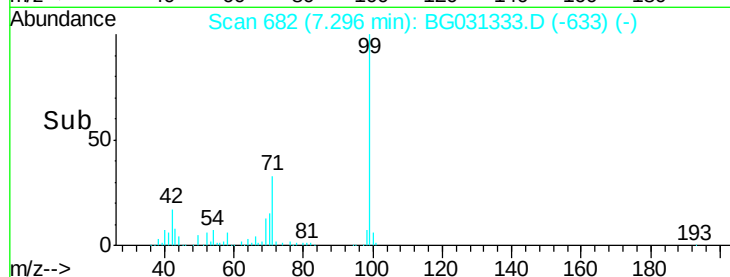
99 100

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

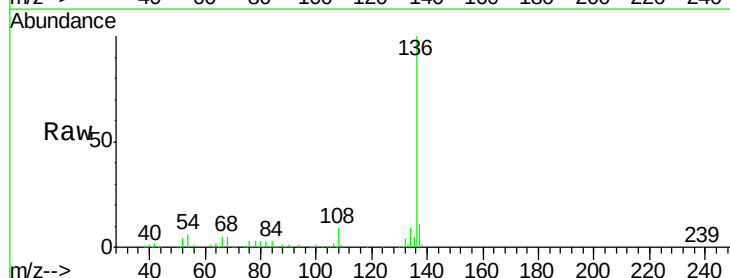
Ion Ratio Lower Upper

136 100

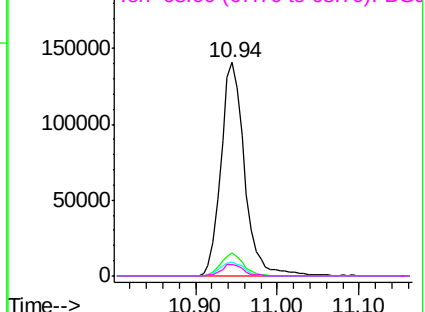
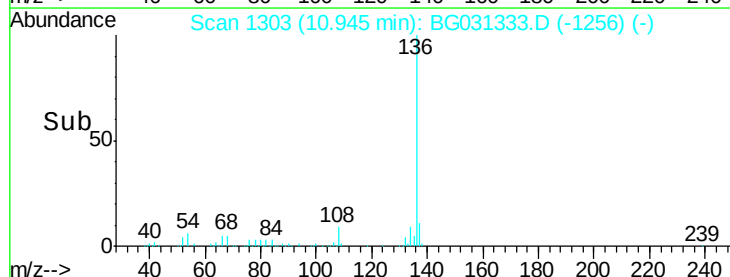
137 10.5 9.2 13.8

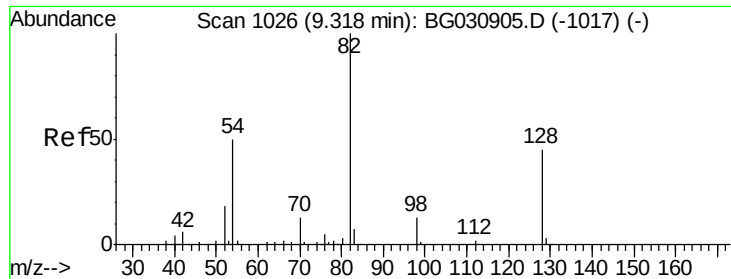
54 6.4 10.3 15.5#

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

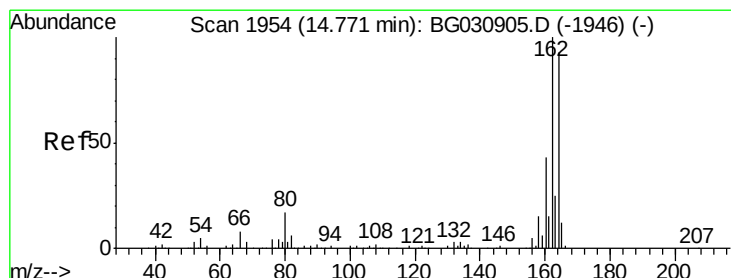
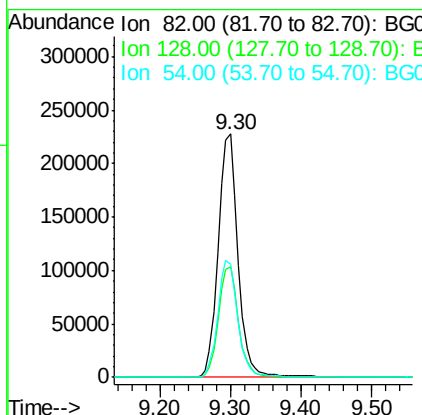
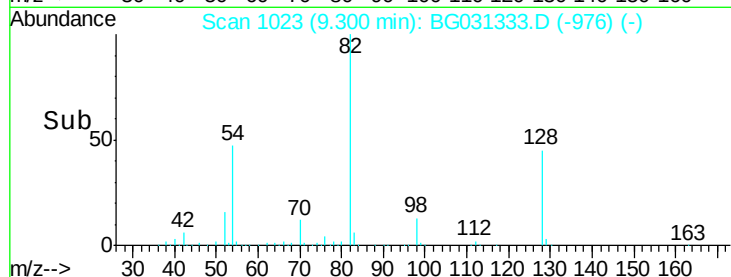
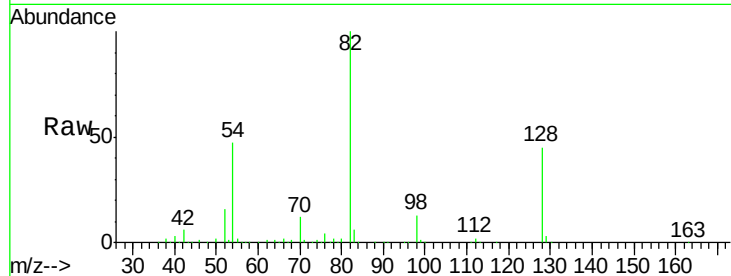




#23
 Nitrobenzene-d5
 Concen: 92.64 ng
 RT: 9.30 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BG031333.D
 Acq: 2 Dec 2017 00:39

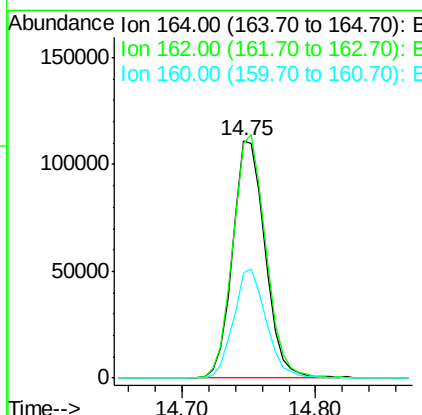
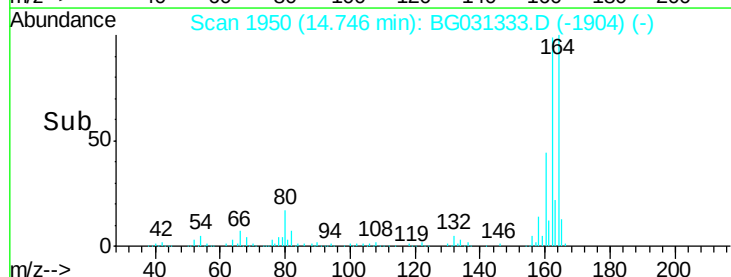
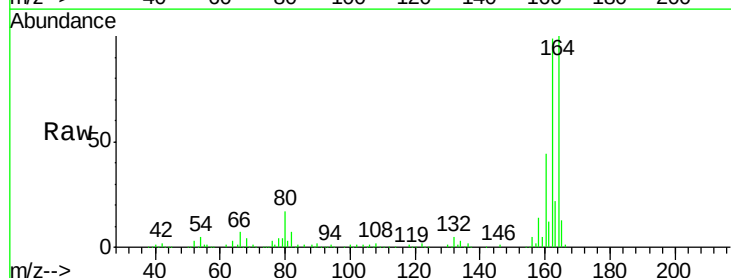
Instrument :
 BNA_G
 ClientSampleId :
 MW-4

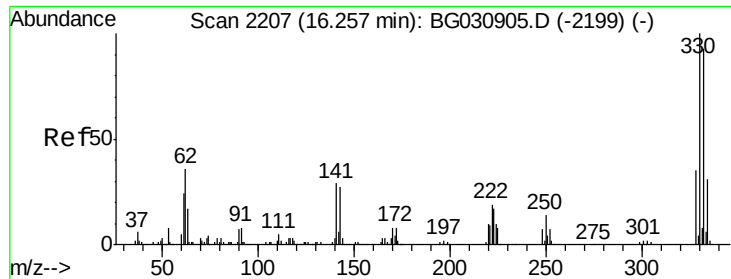
Tot Ion: 82 Resp: 443372
 Ion Ratio Lower Upper
 82 100
 128 45.2 29.7 44.5#
 54 46.7 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1950
 Delta R.T. -0.03 min
 Lab File: BG031333.D
 Acq: 2 Dec 2017 00:39

Tgt Ion: 164 Resp: 187471
 Ion Ratio Lower Upper
 164 100
 162 99.1 78.8 118.2
 160 44.4 35.4 53.0

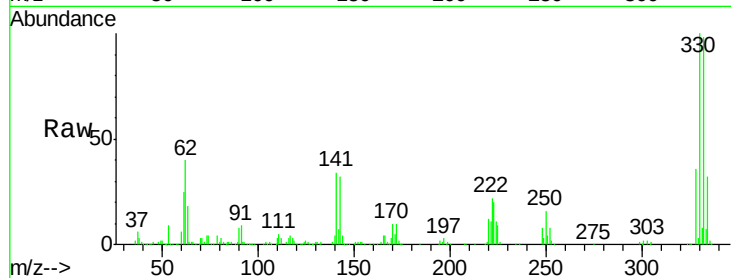




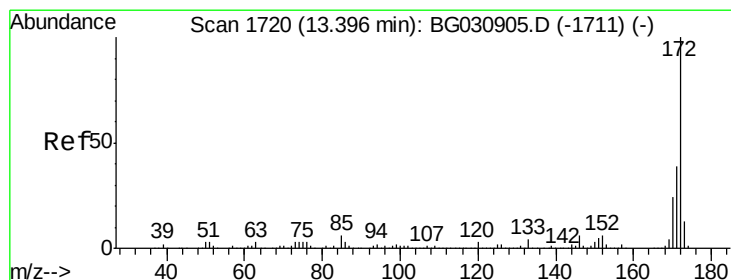
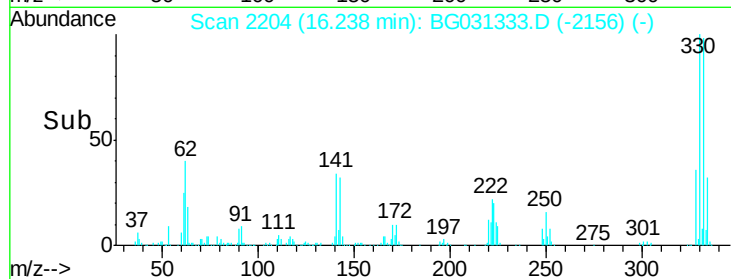
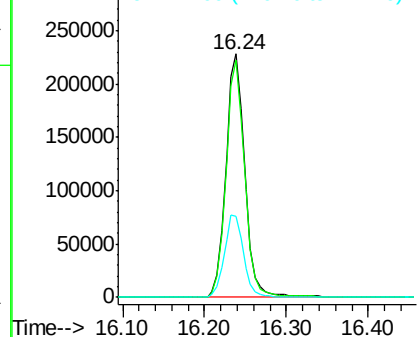
#41
 2,4,6-Tribromophenol
 Concen: 120.85 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031333.D
 Acq: 2 Dec 2017 00:39

Instrument :
 BNA_G
 ClientSampleId :
 MW-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	34.3	25.2	37.8

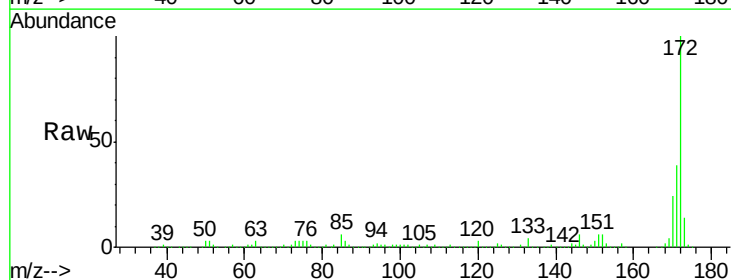


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

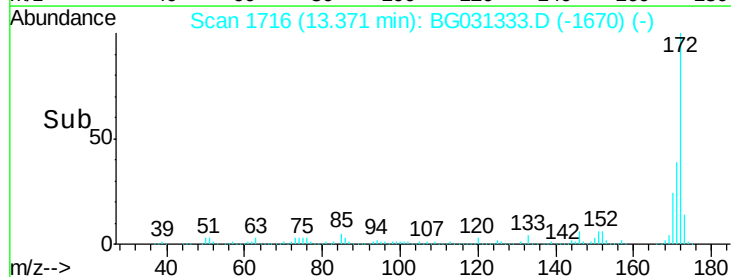
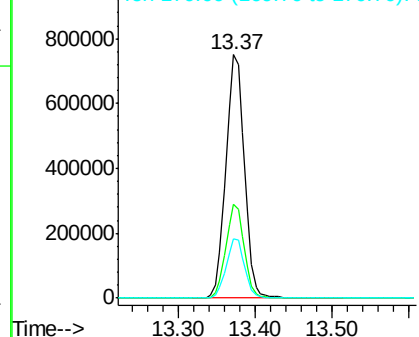


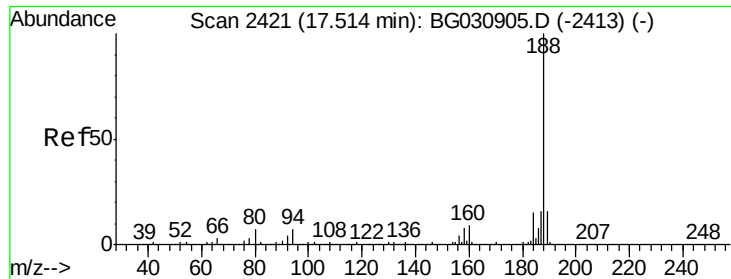
#44
 2-Fluorobiphenyl
 Concen: 96.16 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.03 min
 Lab File: BG031333.D
 Acq: 2 Dec 2017 00:39

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



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#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

Instrument :

BNA_G

ClientSampleId :

MW-4

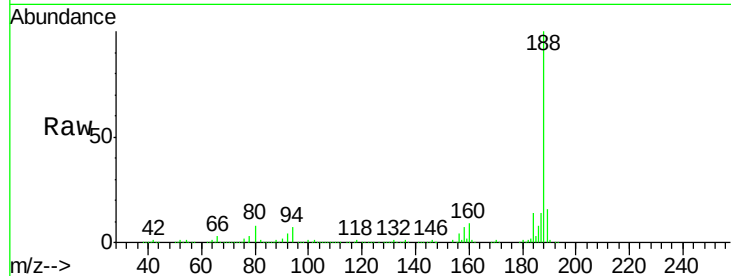
Tot Ion:188 Resp: 486442

Ion Ratio Lower Upper

188 100

94 6.6 6.9 10.3#

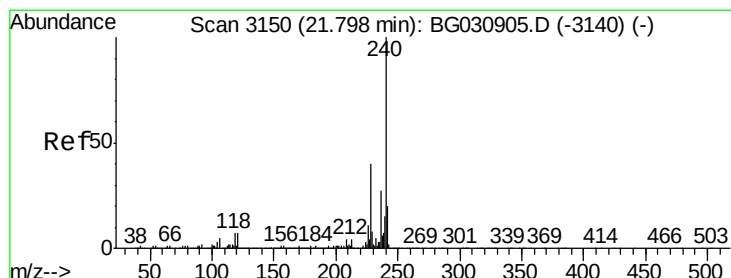
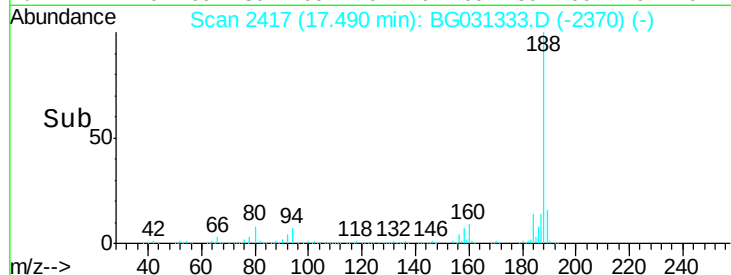
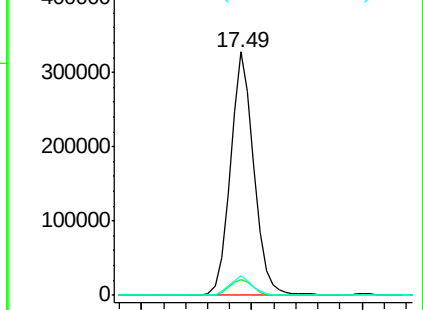
80 7.9 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#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

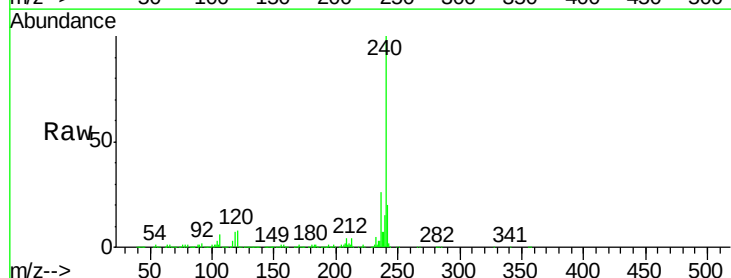
Tgt Ion:240 Resp: 569367

Ion Ratio Lower Upper

240 100

120 7.8 6.8 10.2

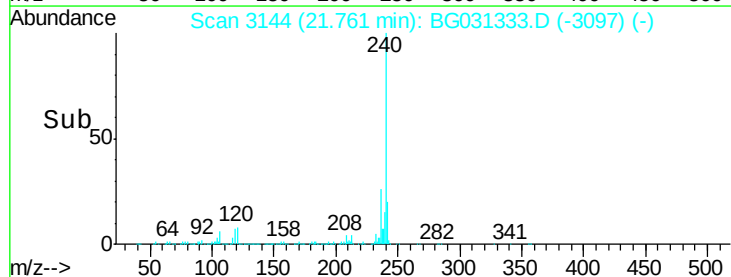
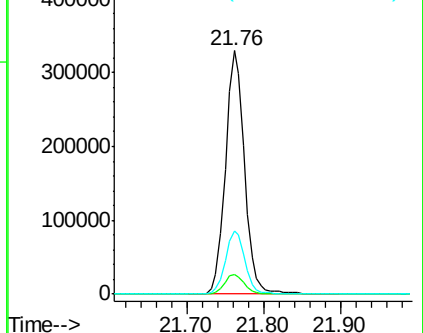
236 26.1 20.9 31.3

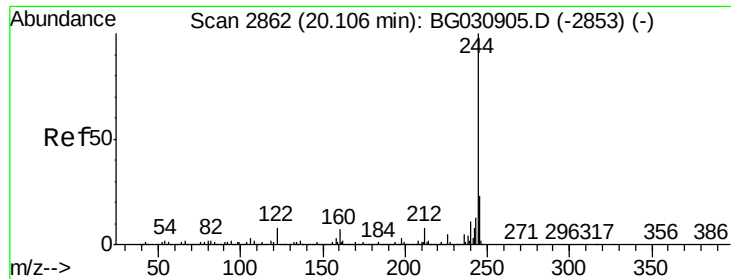


Abundance Ion 240.00 (239.70 to 240.70): E

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

Instrument :

BNA_G

ClientSampleId :

MW-4

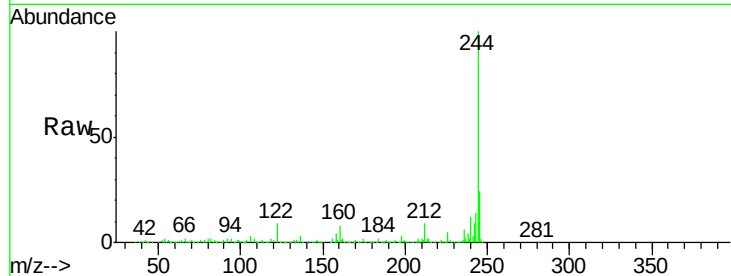
Tot Ion:244 Resp: 2322772

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

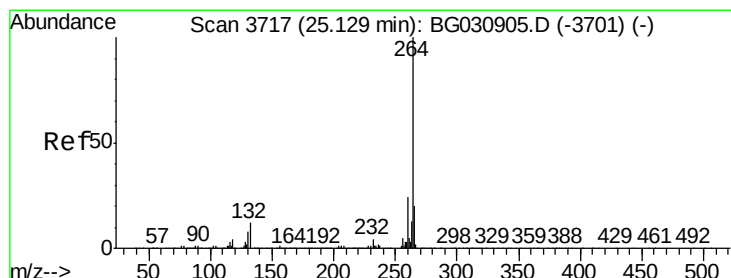
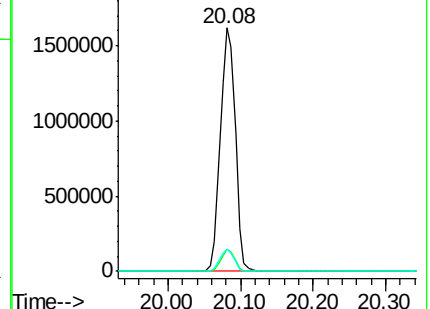
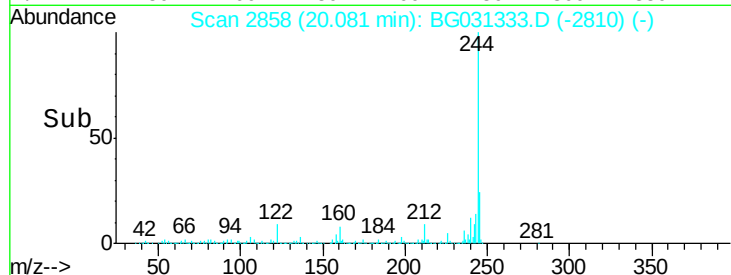
122 9.0 7.0 10.4



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

Perylene-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

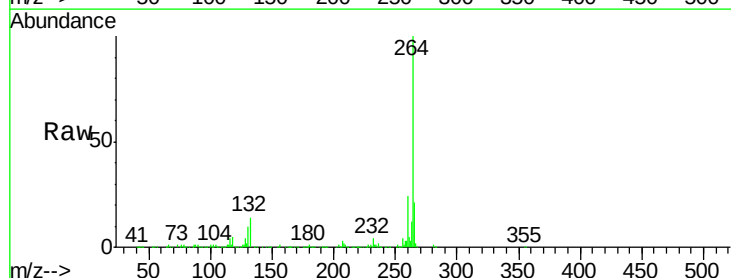
Tgt Ion:264 Resp: 557749

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

265 21.4 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

