

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020317\
 Data File : BG025792.D
 Acq On : 3 Feb 2017 13:15
 Operator : SJ/MA
 Sample : I1646-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-09

Quant Time: Feb 03 14:08:53 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 18:29:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	71846	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	325418	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	252746	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	571298	20.00	ng	0.00
75) Chrysene-d12	21.83	240	730450	20.00	ng	0.00
86) Perylene-d12	25.21	264	744329	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	294202	73.39	ng	0.00
7) Phenol-d6	7.33	99	274669	46.91	ng	0.00
23) Nitrobenzene-d5	9.35	82	686170	89.09	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	508428	141.05	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1400942	90.02	ng	0.00
78) Terphenyl-d14	20.12	244	2436512	80.51	ng	0.00

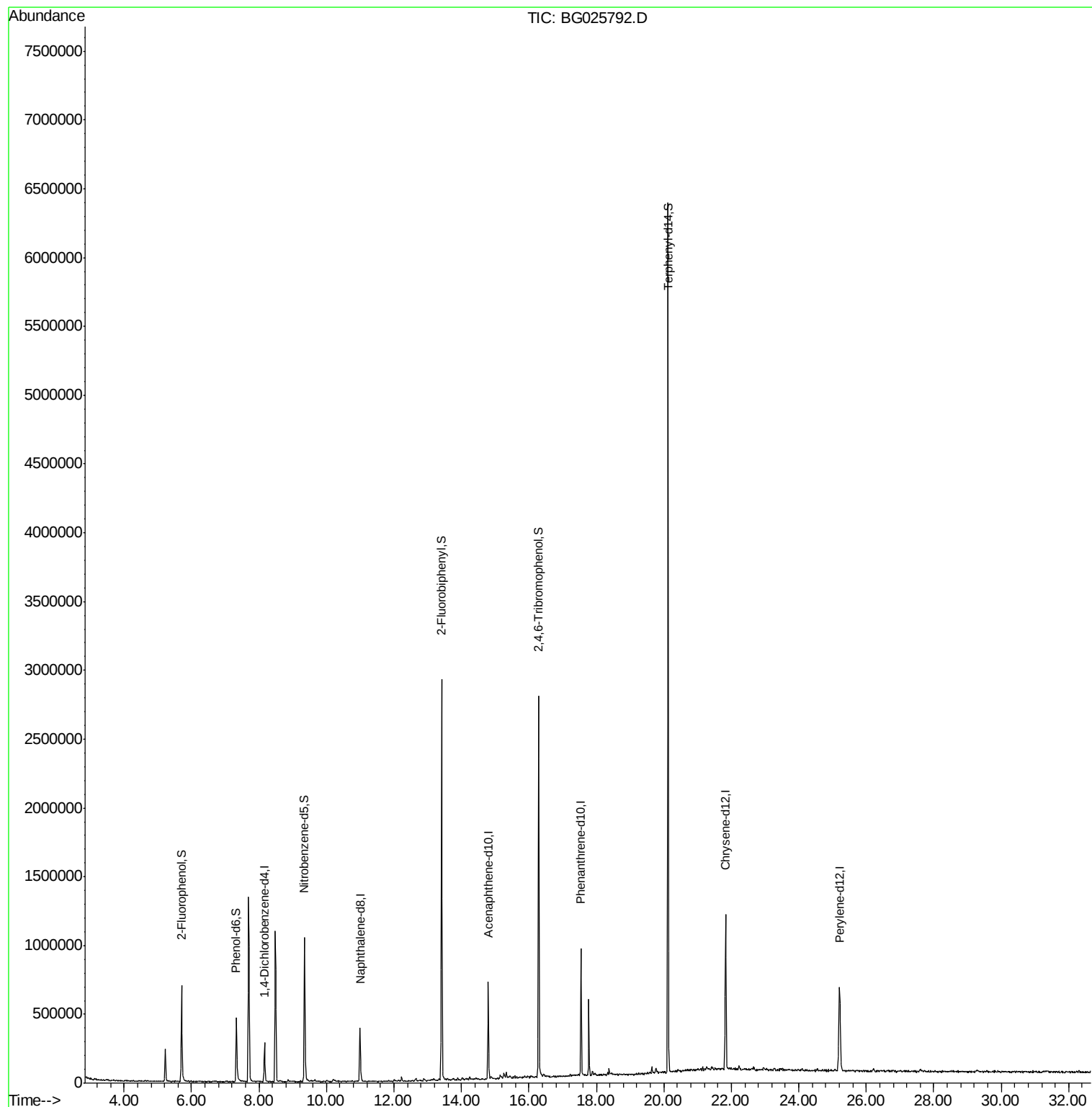
Target Compounds Qvalue

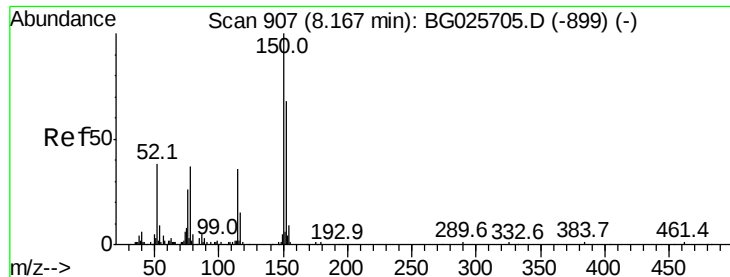
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG025792.D

Acq: 3 Feb 2017 13:15

Instrument :

BNA_G

ClientSampleId :

MW-09

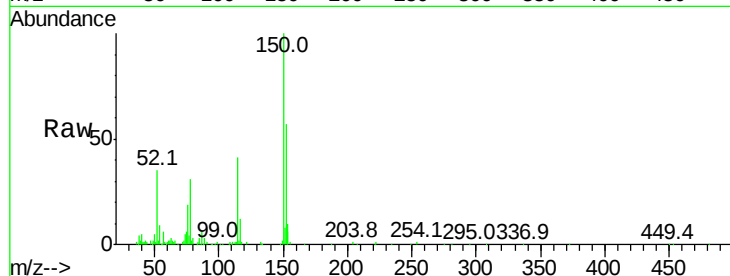
Tot Ion:152 Resp: 71846

Ion Ratio Lower Upper

152 100

150 176.5 114.0 171.0#

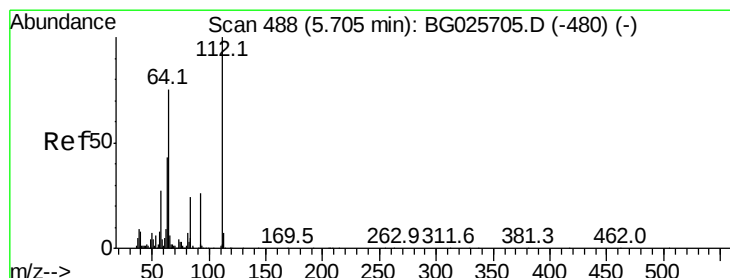
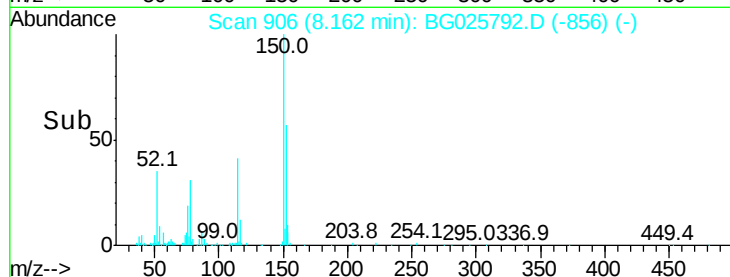
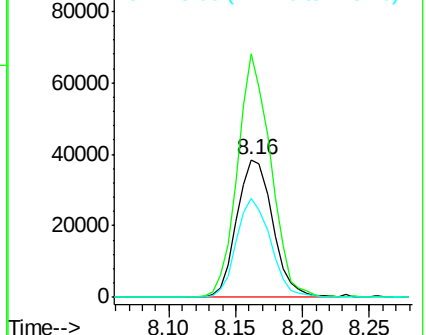
115 71.8 48.1 72.1



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: 73.39 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG025792.D

Acq: 3 Feb 2017 13:15

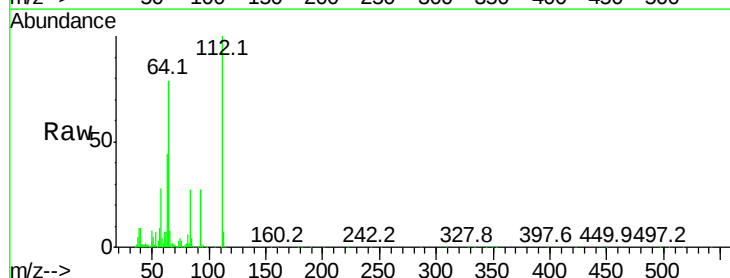
Tgt Ion:112 Resp: 294202

Ion Ratio Lower Upper

112 100

64 79.1 61.8 92.6

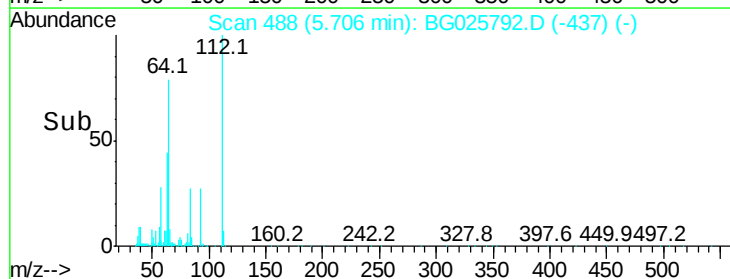
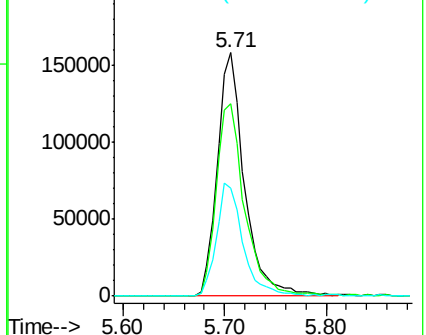
63 44.4 37.2 55.8

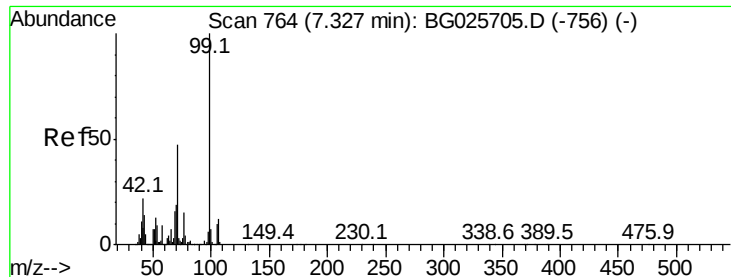


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 46.91 ng

RT: 7.33 min Scan# 764

Delta R.T. 0.00 min

Lab File: BG025792.D

Acq: 3 Feb 2017 13:15

Instrument :

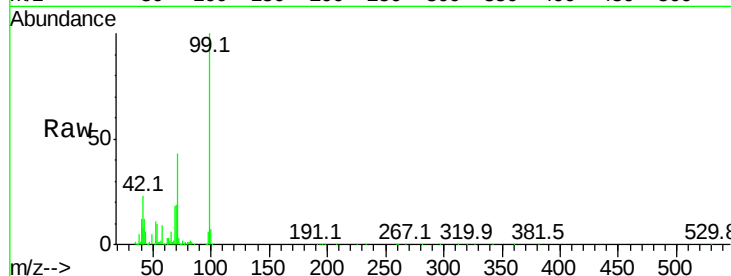
BNA_G

ClientSampleId :

MW-09

Tot Ion: 99 Resp: 274669

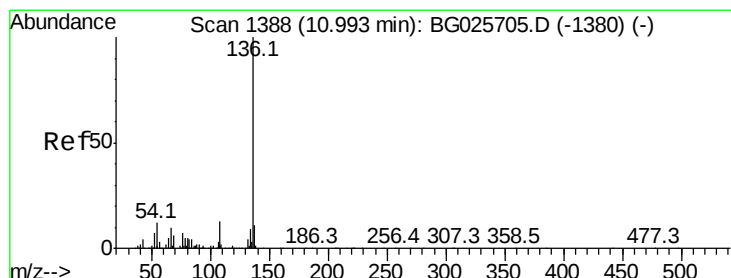
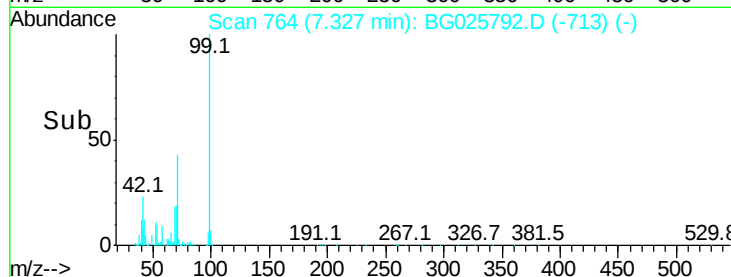
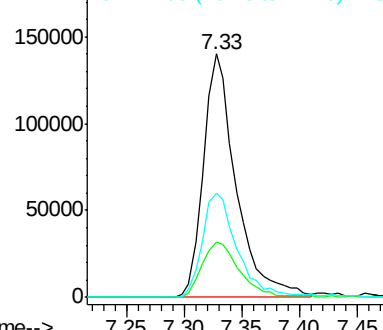
Ion	Ratio	Lower	Upper
99	100		
42	22.7	20.5	30.7
71	42.7	37.6	56.4



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: 10.99 min Scan# 1388

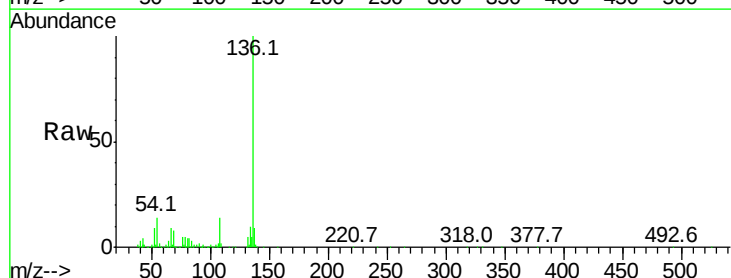
Delta R.T. 0.00 min

Lab File: BG025792.D

Acq: 3 Feb 2017 13:15

Tgt Ion: 136 Resp: 325418

Ion	Ratio	Lower	Upper
136	100		
137	9.5	8.9	13.3
54	13.6	9.3	13.9
68	8.3	5.1	7.7#

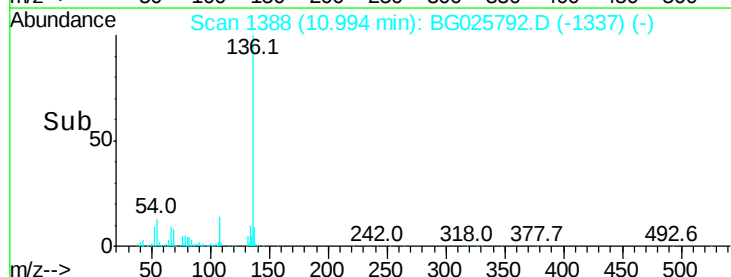
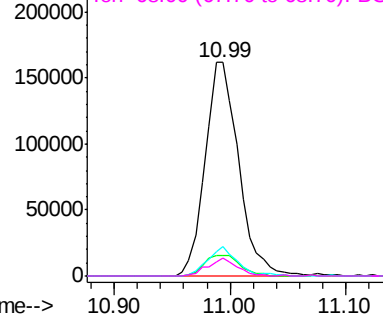


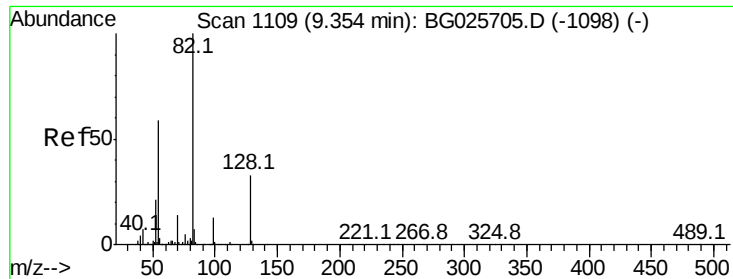
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

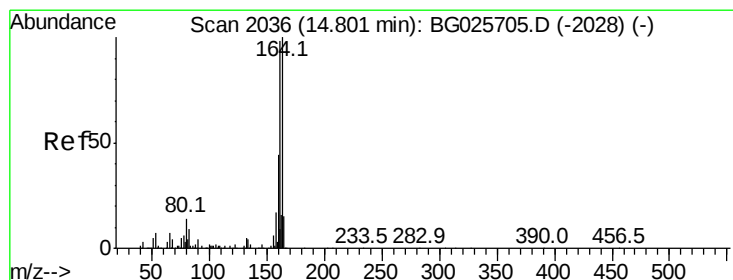
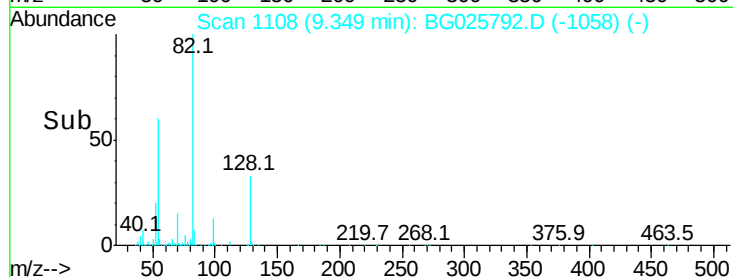
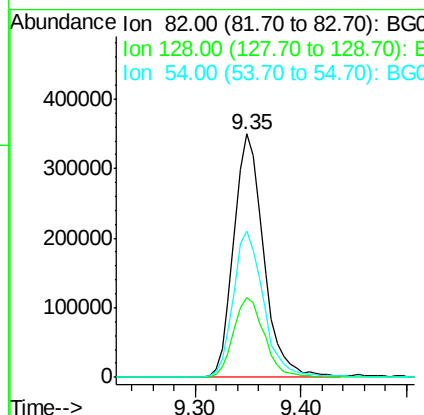
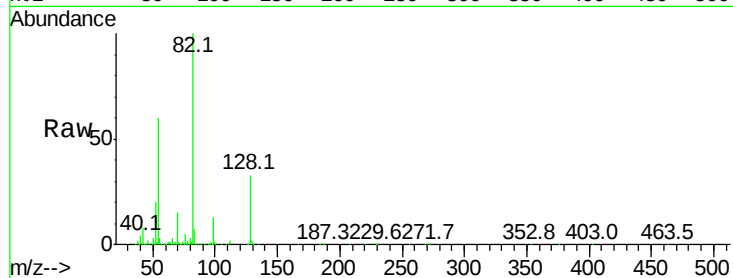




#23
 Nitrobenzene-d5
 Concen: 89.09 ng
 RT: 9.35 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BG025792.D
 Acq: 3 Feb 2017 13:15

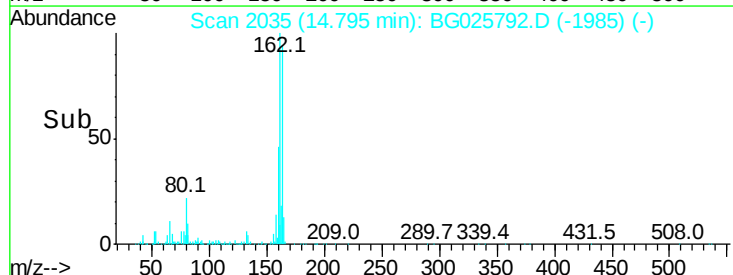
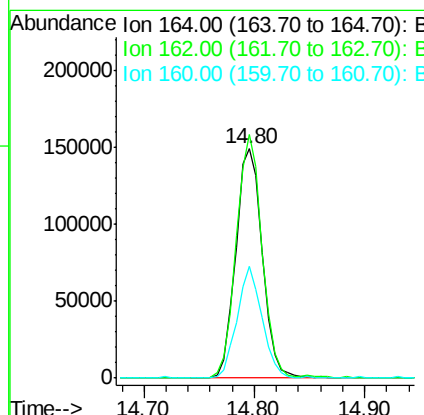
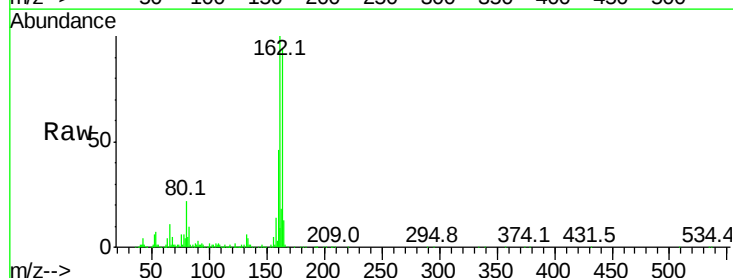
Instrument :
 BNA_G
 ClientSampleId :
 MW-09

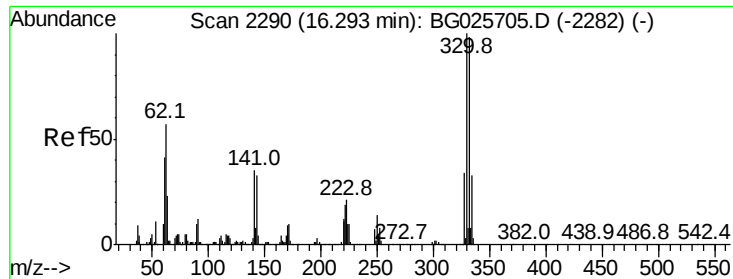
Tot Ion	82	Resp	686170
Ion Ratio	100	Lower	Upper
128	32.6	26.4	39.6
54	60.4	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BG025792.D
 Acq: 3 Feb 2017 13:15

Tgt Ion	164	Resp	252746
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	106.2	85.1	127.7
160	48.9	34.7	52.1

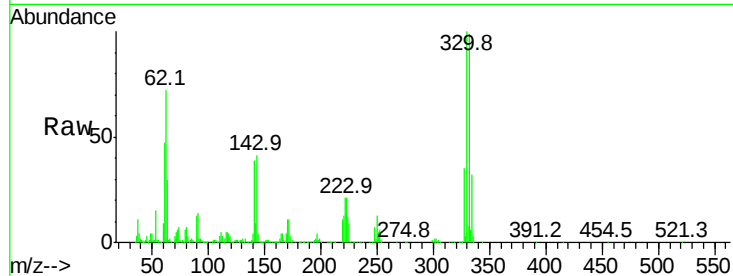




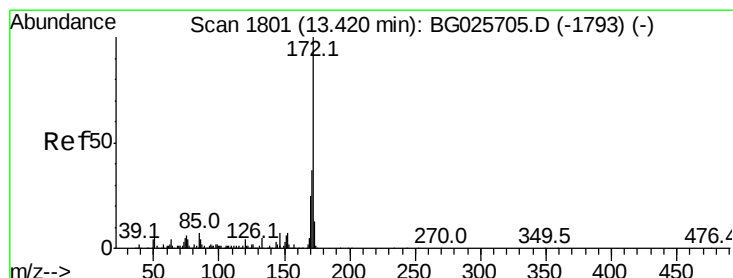
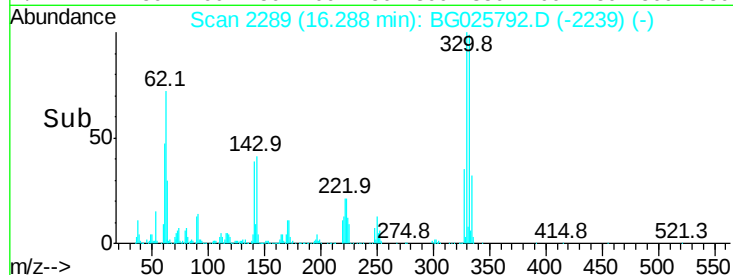
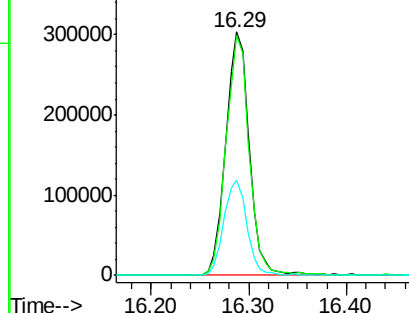
#41
2,4,6-Tribromophenol
Concen: 141.05 ng
RT: 16.29 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BG025792.D
Acq: 3 Feb 2017 13:15

Instrument :
BNA_G
ClientSampled :
MW-09

Tot Ion:330 Resp: 508428
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 38.8 32.1 48.1

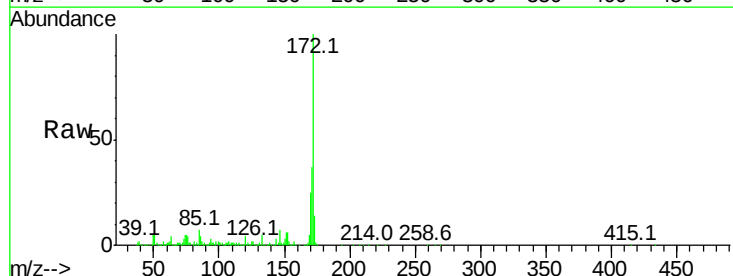


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

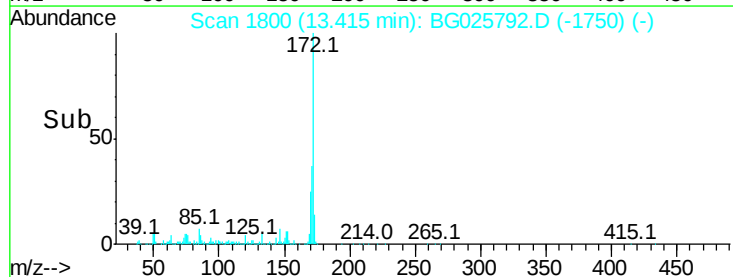
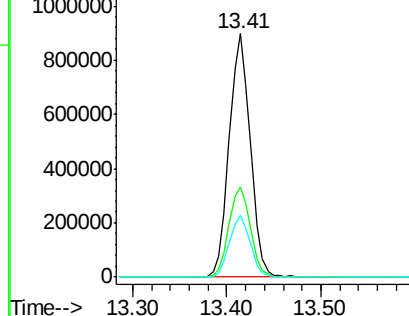


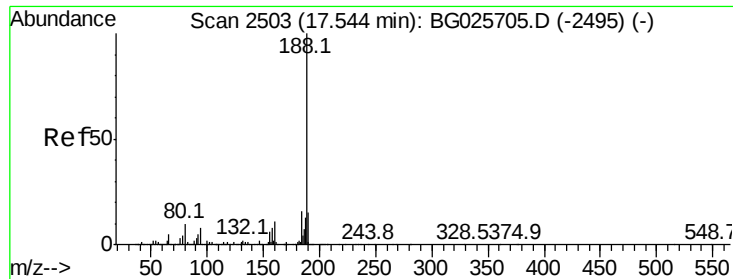
#44
2-Fluorobiphenyl
Concen: 90.02 ng
RT: 13.41 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BG025792.D
Acq: 3 Feb 2017 13:15

Tgt Ion:172 Resp: 1400942
Ion Ratio Lower Upper
172 100
171 37.2 32.2 48.2
170 25.4 21.8 32.6



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: 17.54 min Scan# 2503

Delta R.T. 0.00 min

Lab File: BG025792.D

Acq: 3 Feb 2017 13:15

Instrument :

BNA_G

ClientSampleId :

MW-09

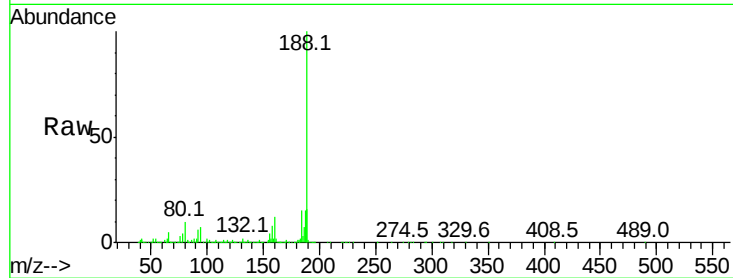
Tot Ion:188 Resp: 571298

Ion Ratio Lower Upper

188 100

94 7.2 5.8 8.8

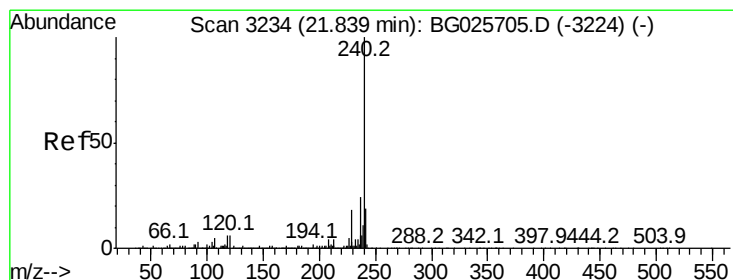
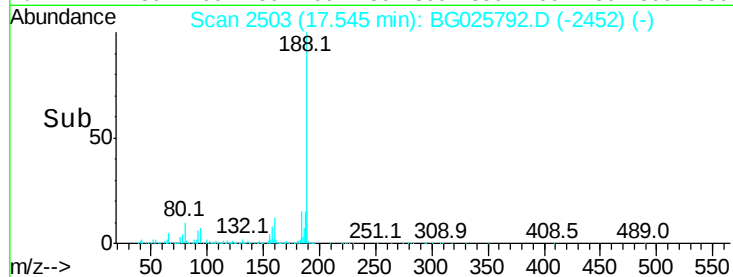
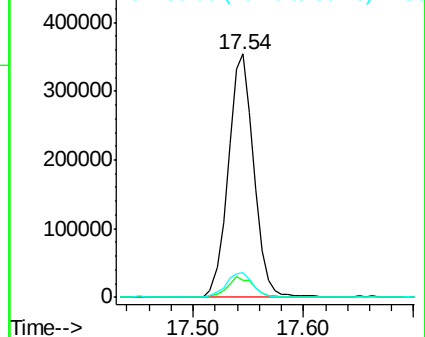
80 10.0 7.5 11.3



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: 21.83 min Scan# 3233

Delta R.T. -0.01 min

Lab File: BG025792.D

Acq: 3 Feb 2017 13:15

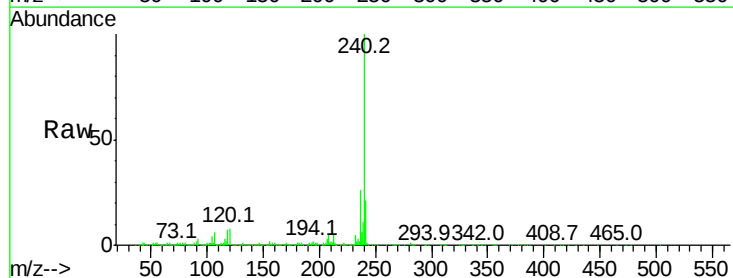
Tgt Ion:240 Resp: 730450

Ion Ratio Lower Upper

240 100

120 7.6 5.7 8.5

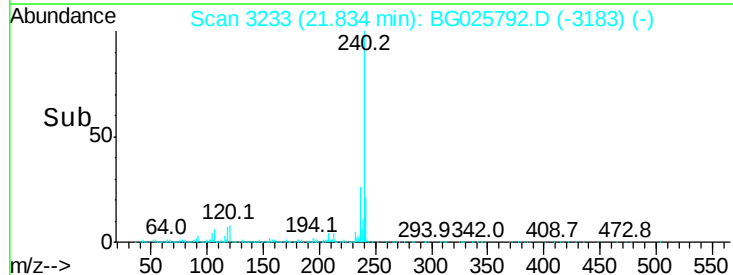
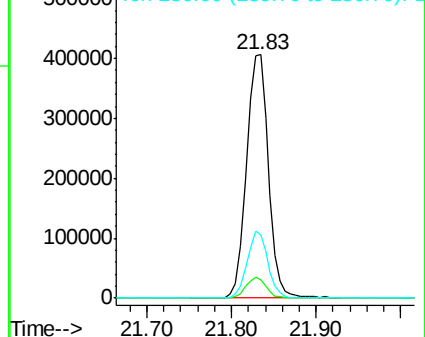
236 26.0 22.2 33.4

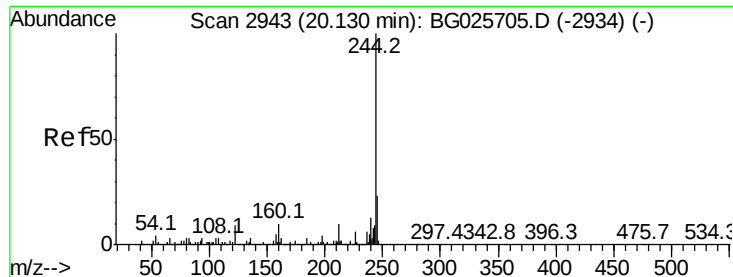


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 80.51 ng

RT: 20.12 min Scan# 2942

Delta R.T. -0.01 min

Lab File: BG025792.D

Acq: 3 Feb 2017 13:15

Instrument :

BNA_G

ClientSampleId :

MW-09

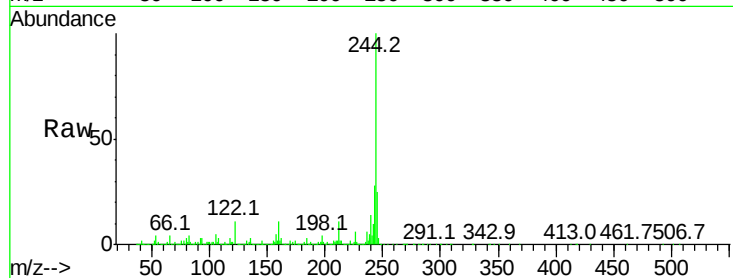
Tot Ion:244 Resp: 2436512

Ion Ratio Lower Upper

244 100

212 10.9 10.0 15.0

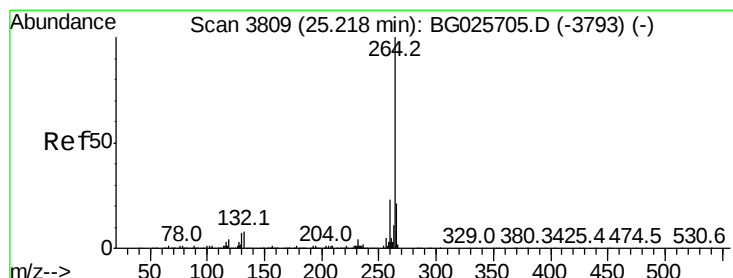
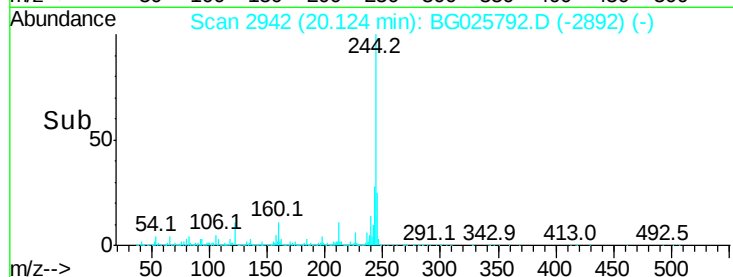
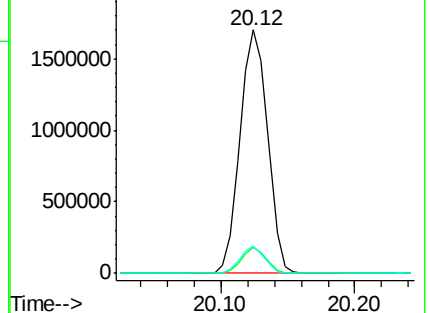
122 11.4 8.6 12.8



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: 25.21 min Scan# 3807

Delta R.T. -0.01 min

Lab File: BG025792.D

Acq: 3 Feb 2017 13:15

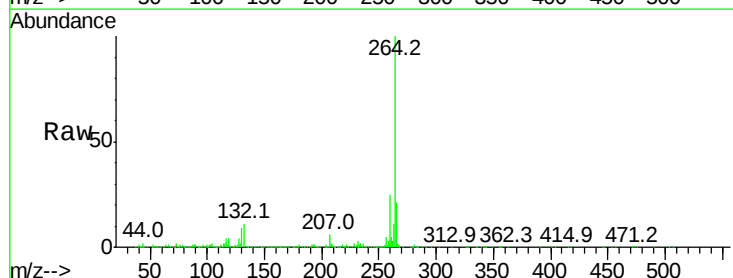
Tgt Ion:264 Resp: 744329

Ion Ratio Lower Upper

264 100

260 25.0 21.8 32.8

265 20.7 18.2 27.4



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

