

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020317\
 Data File : BG025780.D
 Acq On : 3 Feb 2017 5:27
 Operator : SJ/MA
 Sample : I1661-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-B32-B33-001

Quant Time: Feb 03 06:05:10 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	66807	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	286092	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	234499	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	553581	20.00	ng	0.00
75) Chrysene-d12	21.83	240	698006	20.00	ng	-0.01
86) Perylene-d12	25.21	264	690787	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	586964	157.46	ng	0.00
7) Phenol-d6	7.33	99	792757	145.61	ng	0.00
23) Nitrobenzene-d5	9.35	82	668562	98.74	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	504492	150.85	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1396317	96.71	ng	0.00
78) Terphenyl-d14	20.13	244	2560812	88.55	ng	0.00

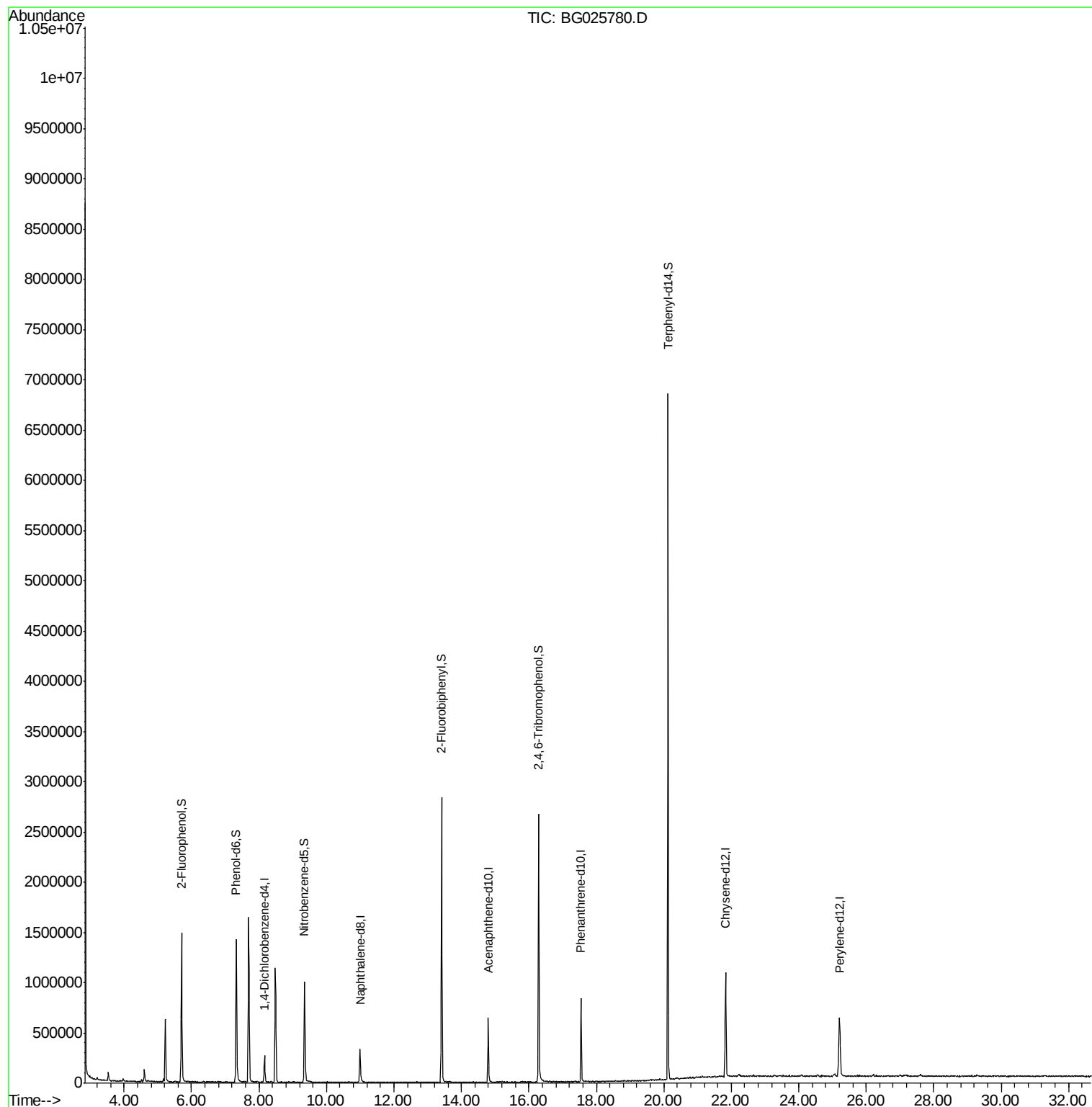
Target Compounds Qvalue

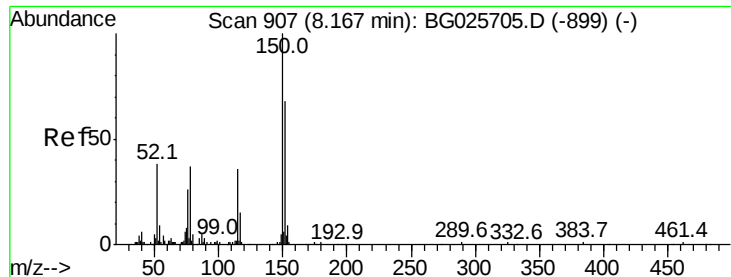
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.00 min

Lab File: BG025780.D

Acq: 3 Feb 2017 5:27

Instrument :

BNA_G

ClientSampleId :

WC-B32-B33-001

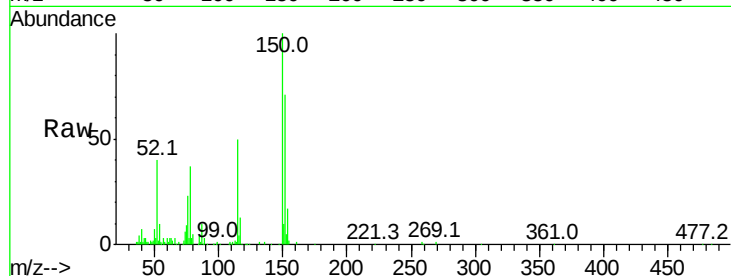
Tot Ion:152 Resp: 66807

Ion Ratio Lower Upper

152 100

150 141.1 114.0 171.0

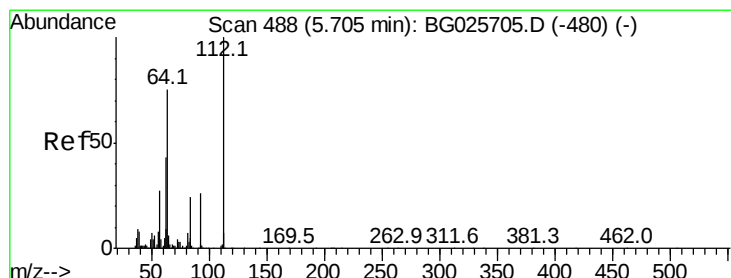
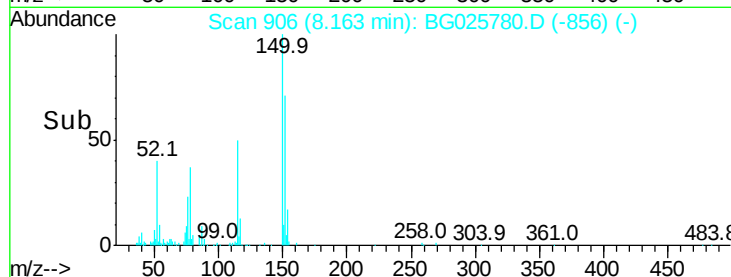
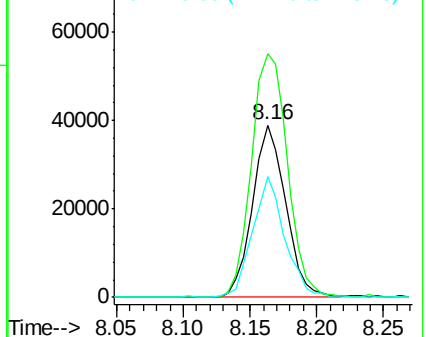
115 70.0 48.1 72.1



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: 157.46 ng

RT: 5.70 min Scan# 487

Delta R.T. -0.00 min

Lab File: BG025780.D

Acq: 3 Feb 2017 5:27

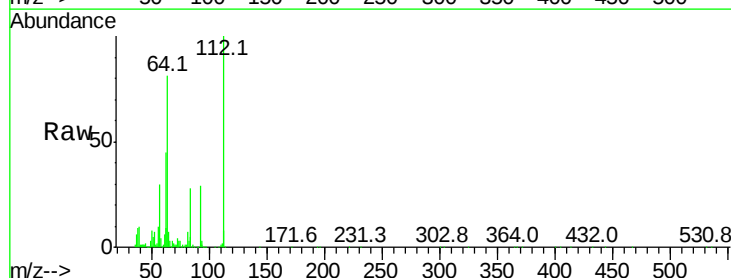
Tgt Ion:112 Resp: 586964

Ion Ratio Lower Upper

112 100

64 80.5 61.8 92.6

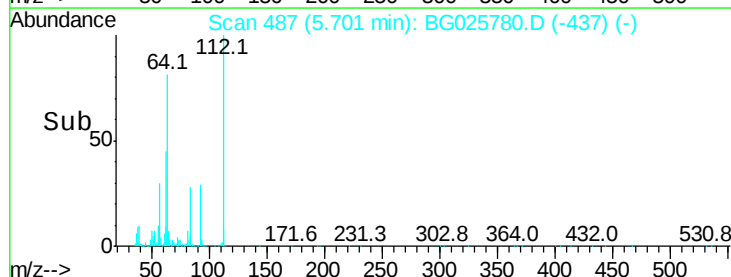
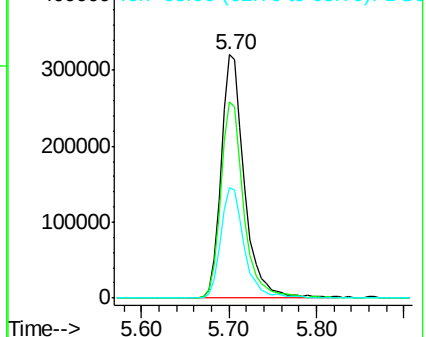
63 45.3 37.2 55.8

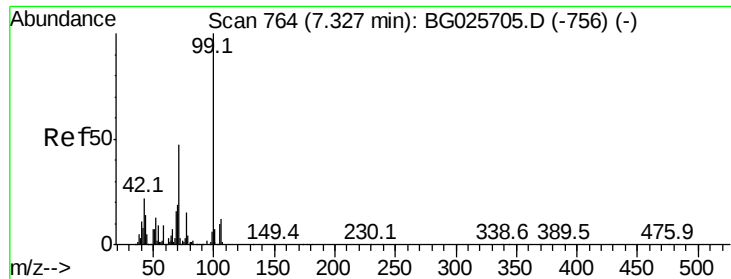


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 145.61 ng

RT: 7.33 min Scan# 764

Delta R.T. 0.00 min

Lab File: BG025780.D

Acq: 3 Feb 2017 5:27

Instrument :

BNA_G

ClientSampleId :

WC-B32-B33-001

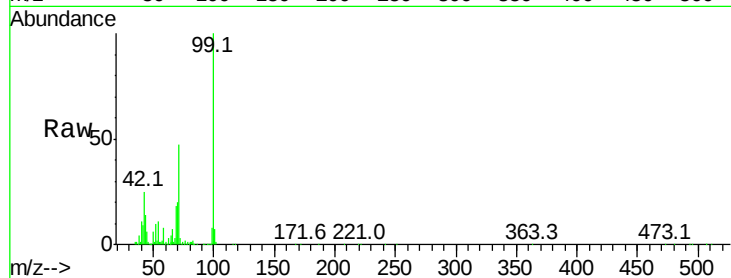
Tot Ion: 99 Resp: 792757

Ion Ratio Lower Upper

99 100

42 25.4 20.5 30.7

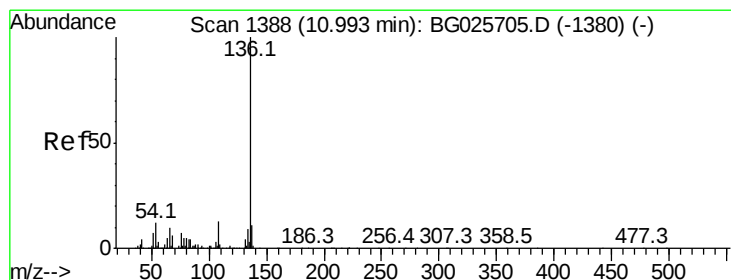
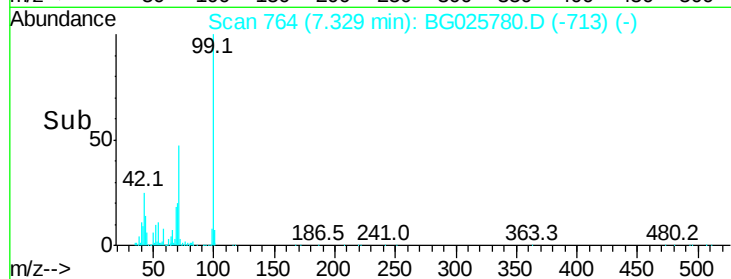
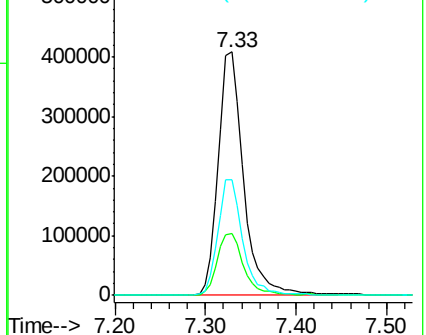
71 47.3 37.6 56.4



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: BG025780.D

Acq: 3 Feb 2017 5:27

Tgt Ion:136 Resp: 286092

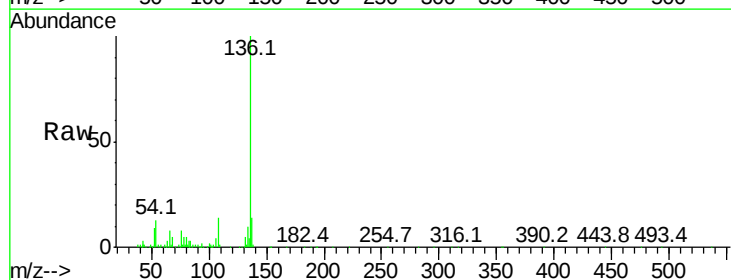
Ion Ratio Lower Upper

136 100

137 13.7 8.9 13.3#

54 13.5 9.3 13.9

68 5.1 5.1 7.7#

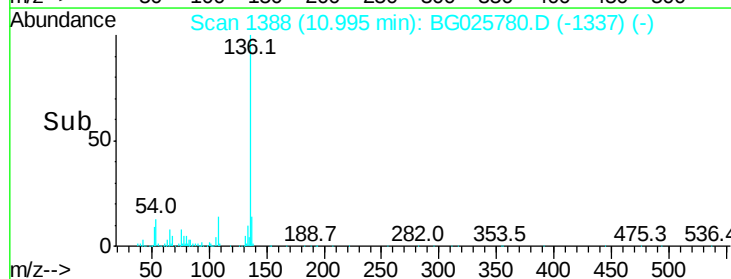
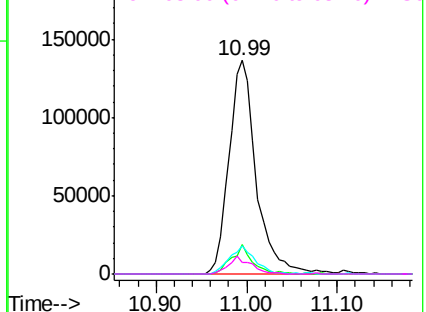


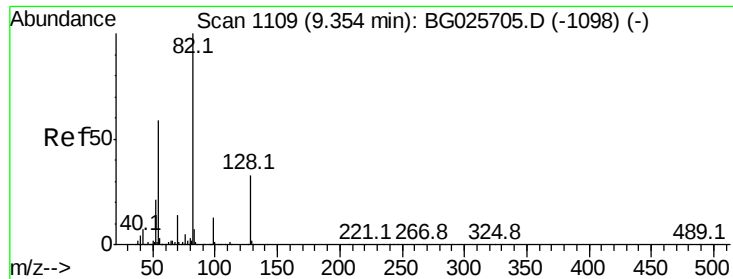
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 98.74 ng

RT: 9.35 min Scan# 1108

Delta R.T. -0.00 min

Lab File: BG025780.D

Acq: 3 Feb 2017 5:27

Instrument :

BNA_G

ClientSampleId :

WC-B32-B33-001

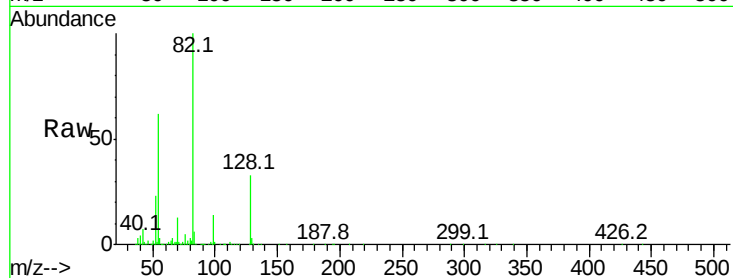
Tot Ion: 82 Resp: 668562

Ion Ratio Lower Upper

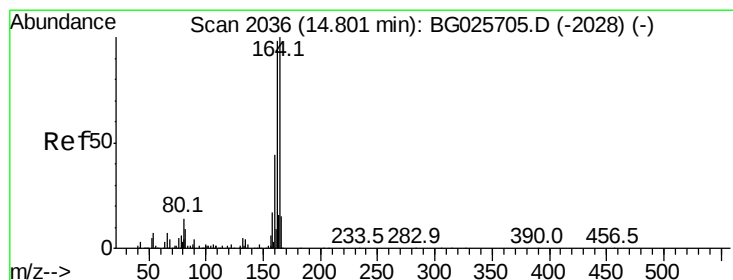
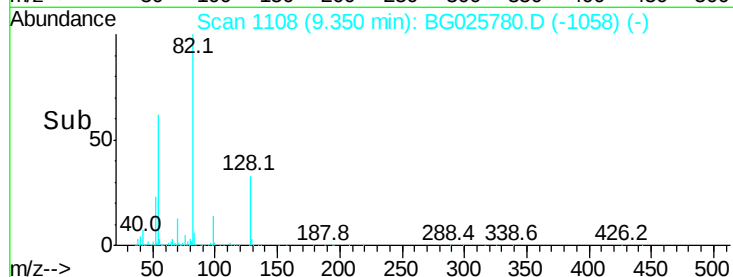
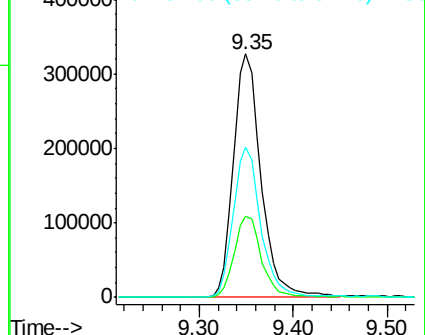
82 100

128 33.4 26.4 39.6

54 61.7 49.4 74.2



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG025780.D

Acq: 3 Feb 2017 5:27

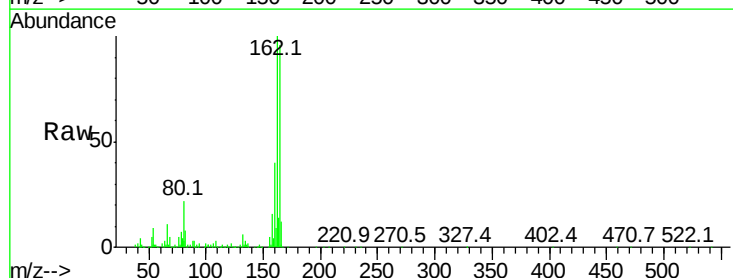
Tgt Ion: 164 Resp: 234499

Ion Ratio Lower Upper

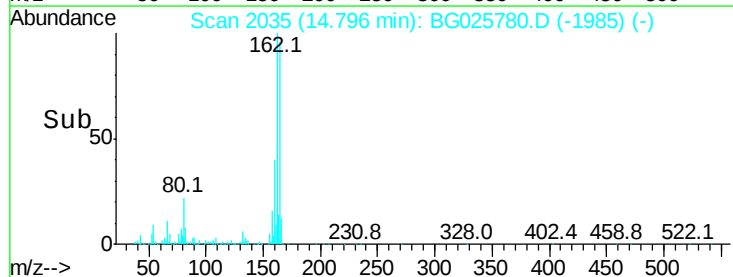
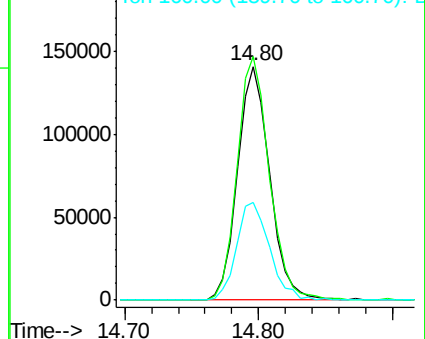
164 100

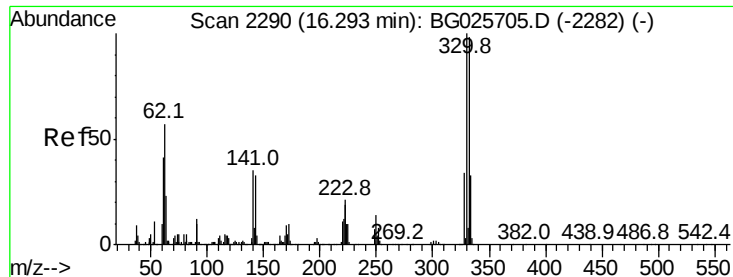
162 104.3 85.1 127.7

160 42.0 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

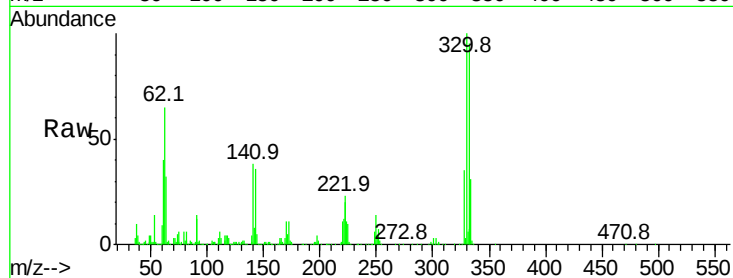




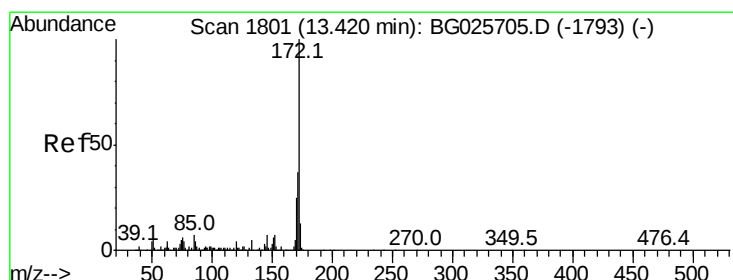
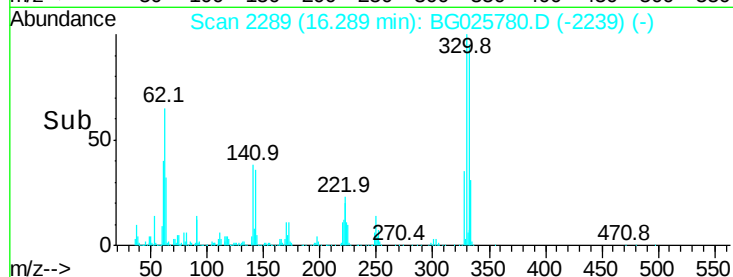
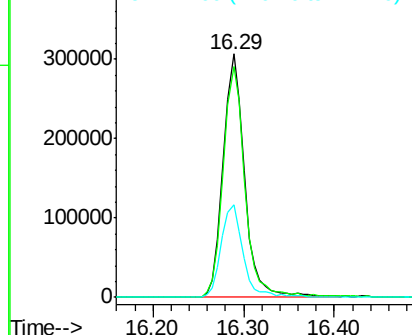
#41
2,4,6-Tribromophenol
Concen: 150.85 ng
RT: 16.29 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BG025780.D
Acq: 3 Feb 2017 5:27

Instrument :
BNA_G
ClientSampleId :
WC-B32-B33-001

Tot Ion:330 Resp: 504492
Ion Ratio Lower Upper
330 100
332 95.1 77.3 115.9
141 38.7 32.1 48.1

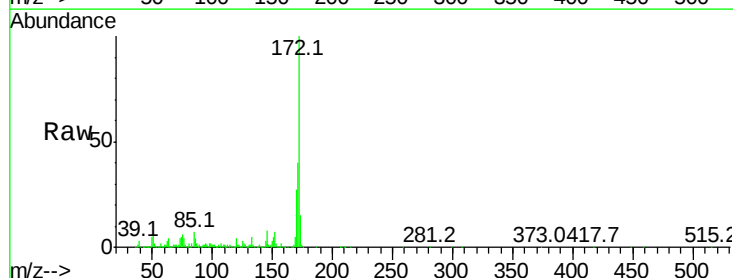


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

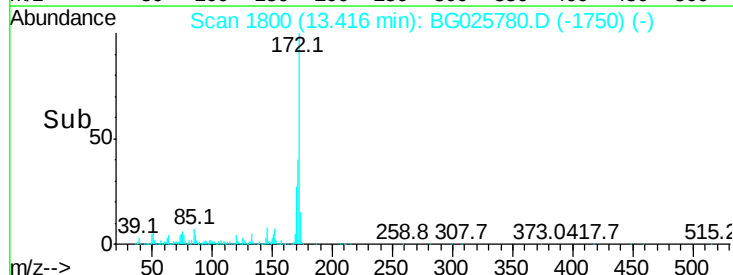
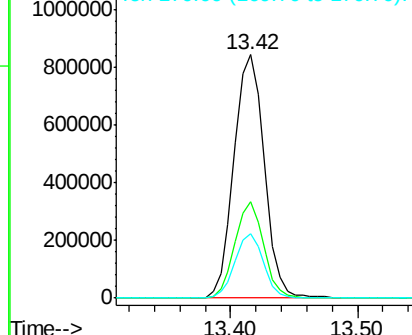


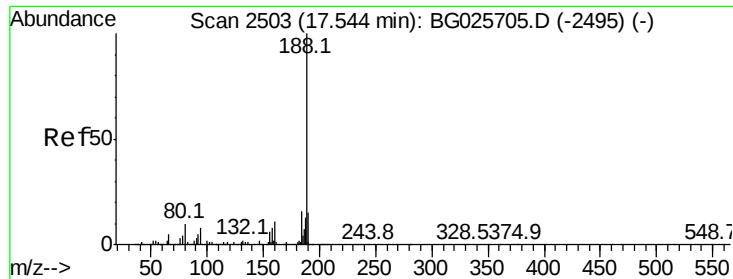
#44
2-Fluorobiphenyl
Concen: 96.71 ng
RT: 13.42 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BG025780.D
Acq: 3 Feb 2017 5:27

Tgt Ion:172 Resp: 1396317
Ion Ratio Lower Upper
172 100
171 39.6 32.2 48.2
170 26.5 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# 2502

Delta R.T. -0.00 min

Lab File: BG025780.D

Acq: 3 Feb 2017 5:27

Instrument :

BNA_G

ClientSampleId :

WC-B32-B33-001

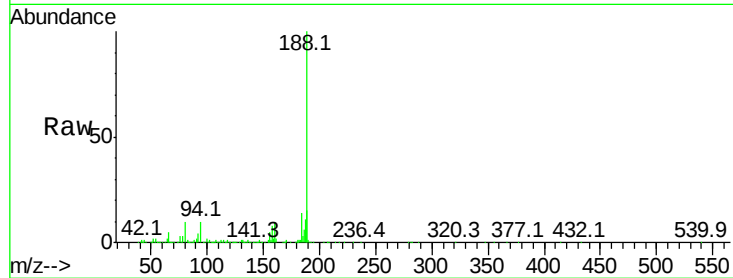
Tot Ion:188 Resp: 553581

Ion Ratio Lower Upper

188 100

94 9.9 5.8 8.8#

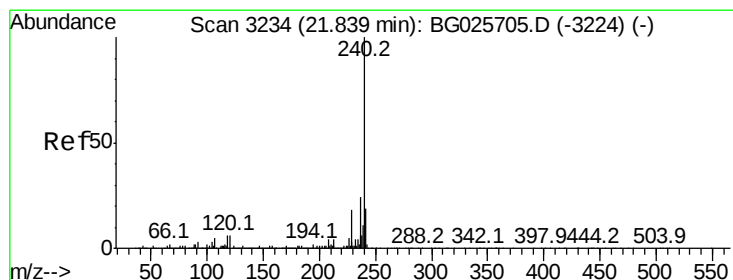
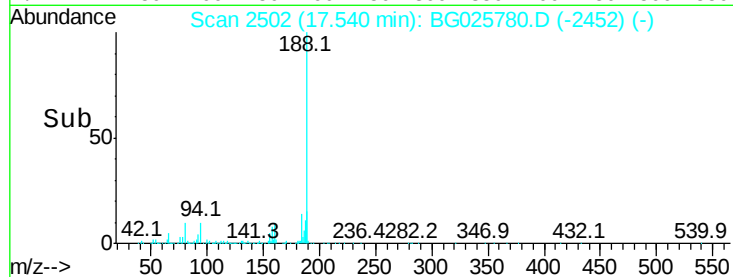
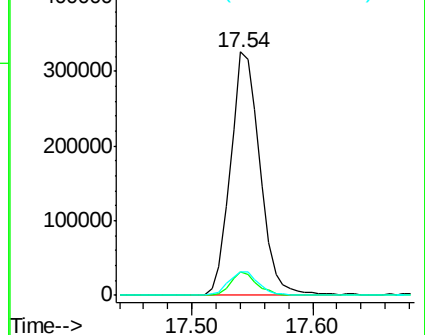
80 9.8 7.5 11.3



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# 3232

Delta R.T. -0.01 min

Lab File: BG025780.D

Acq: 3 Feb 2017 5:27

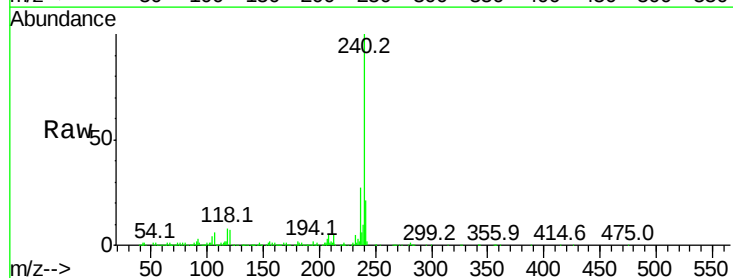
Tgt Ion:240 Resp: 698006

Ion Ratio Lower Upper

240 100

120 6.8 5.7 8.5

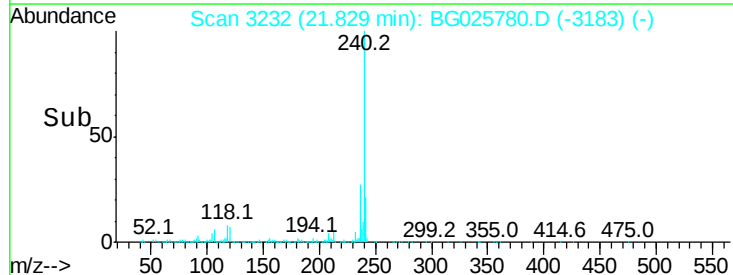
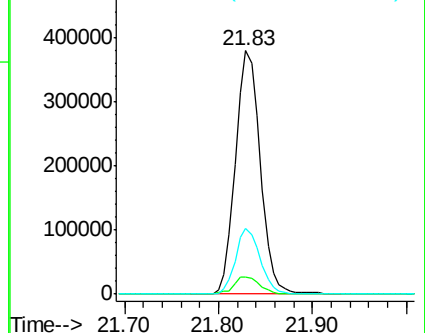
236 26.8 22.2 33.4

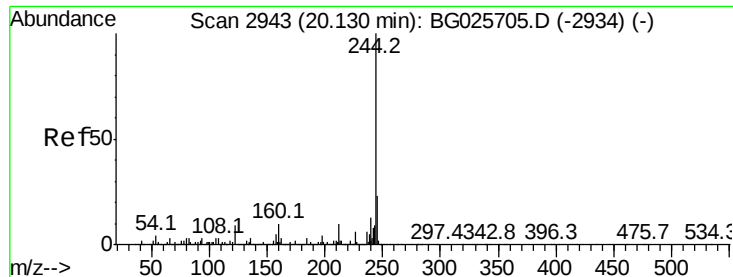


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.55 ng

RT: 20.13 min Scan# 2942

Delta R.T. -0.00 min

Lab File: BG025780.D

Acq: 3 Feb 2017 5:27

Instrument :

BNA_G

ClientSampleId :

WC-B32-B33-001

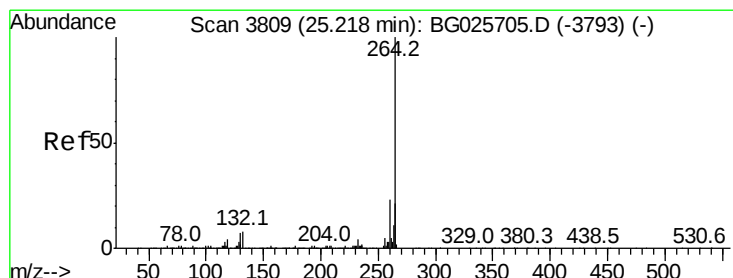
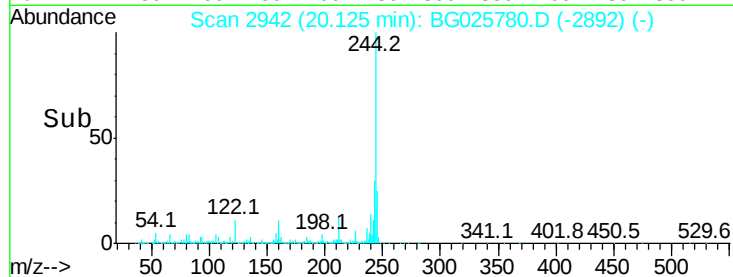
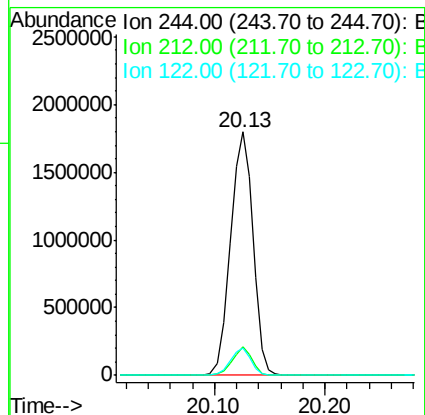
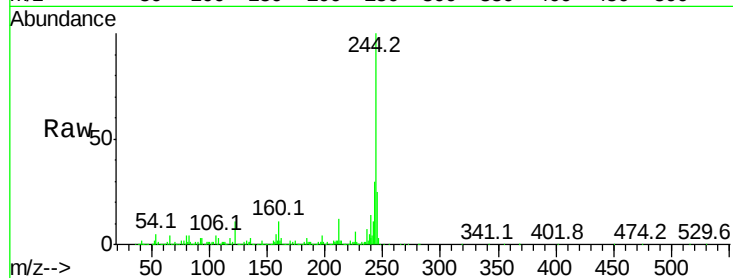
Tot Ion:244 Resp: 2560812

Ion Ratio Lower Upper

244 100

212 11.7 10.0 15.0

122 11.1 8.6 12.8



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.21 min Scan# 3807

Delta R.T. -0.01 min

Lab File: BG025780.D

Acq: 3 Feb 2017 5:27

Tgt Ion:264 Resp: 690787

Ion Ratio Lower Upper

264 100

260 23.1 21.8 32.8

265 19.1 18.2 27.4

