

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020617\
 Data File : BG025816.D
 Acq On : 7 Feb 2017 00:01
 Operator : SJ/MA
 Sample : I1697-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-B10-B17-001

Quant Time: Feb 07 02:51:53 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	8.15	152	69568	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	294839	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	213081	20.00	ng	-0.01
63) Phenanthrene-d10	17.54	188	515553	20.00	ng	0.00
75) Chrysene-d12	21.82	240	617884	20.00	ng	-0.02
86) Perylene-d12	25.21	264	135345	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	631178	162.60	ng	-0.01
7) Phenol-d6	7.32	99	822578	145.09	ng	0.00
23) Nitrobenzene-d5	9.34	82	707896	101.45	ng	-0.01
41) 2,4,6-Tribromophenol	16.28	330	448435	147.57	ng	-0.01
44) 2-Fluorobiphenyl	13.41	172	1346309	102.62	ng	-0.01
78) Terphenyl-d14	20.12	244	2554644	99.79	ng	-0.01

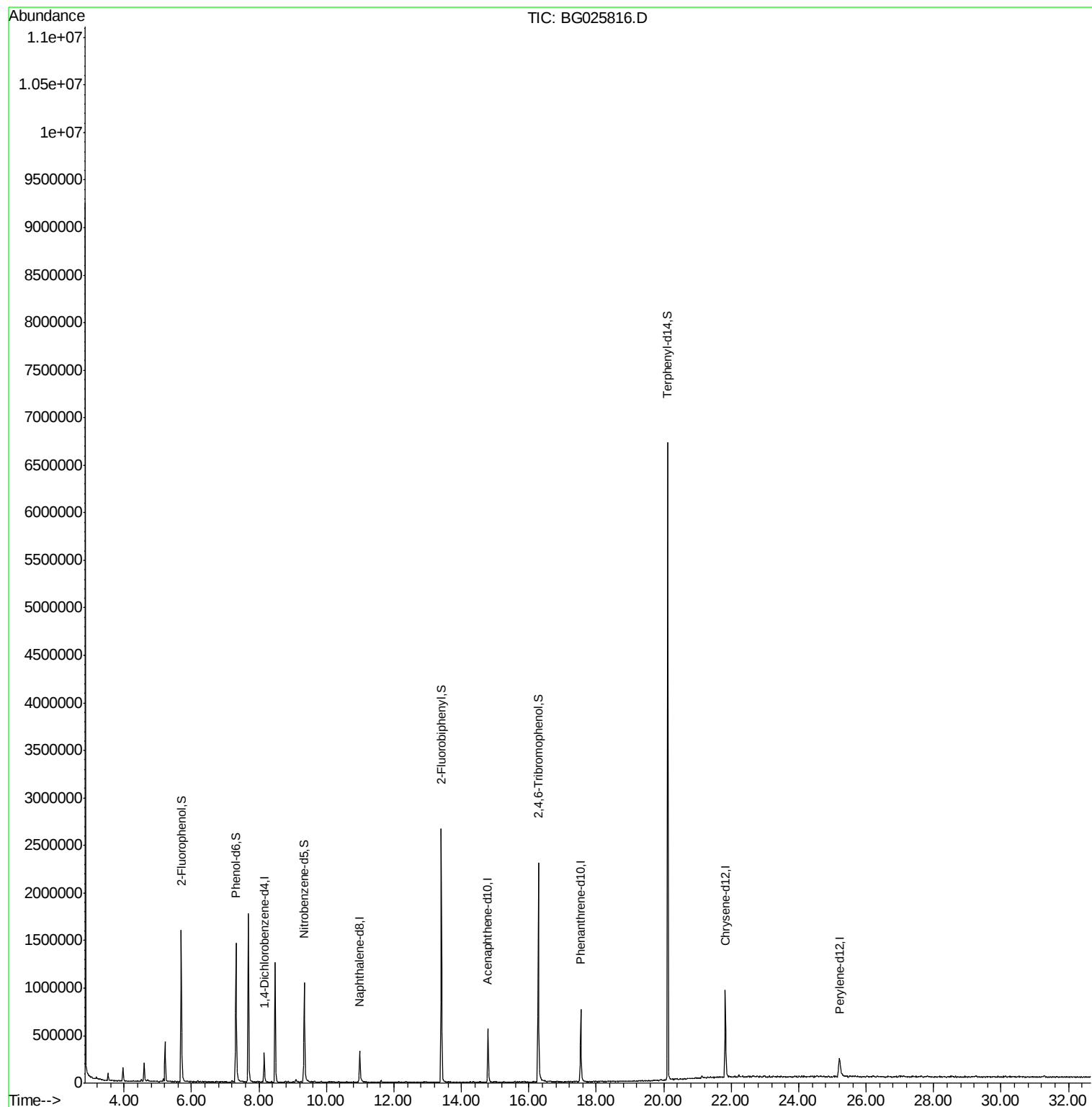
Target Compounds Qvalue

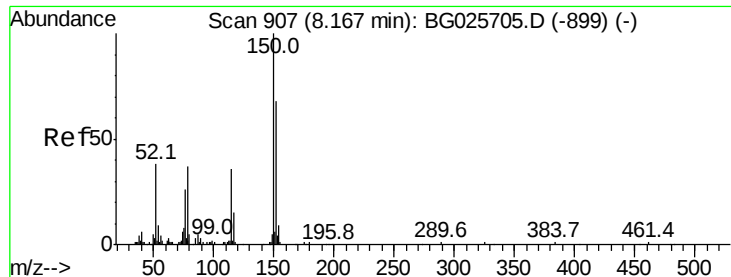
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG025816.D

Acq: 7 Feb 2017 00:01

Instrument :

BNA_G

ClientSampleId :

WC-B10-B17-001

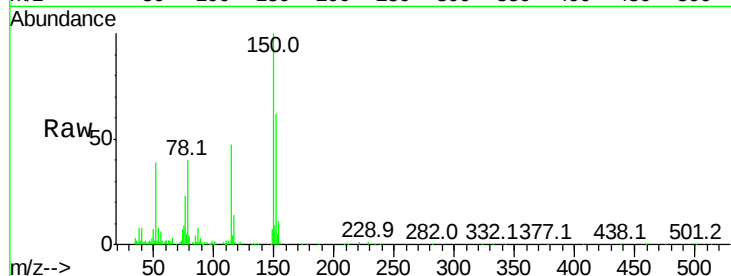
Tot Ion:152 Resp: 69568

Ion Ratio Lower Upper

152 100

150 160.1 114.0 171.0

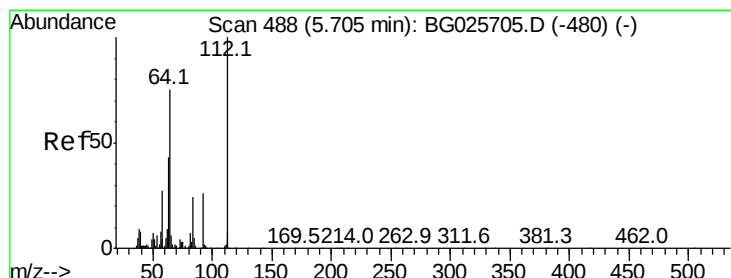
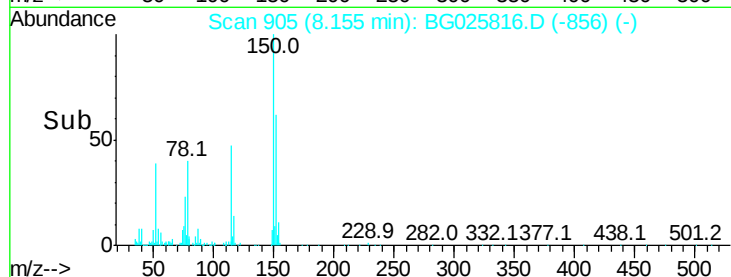
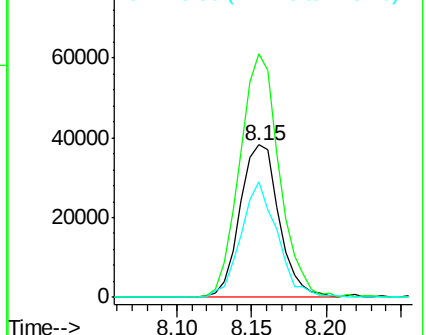
115 75.7 48.1 72.1#



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: 162.60 ng

RT: 5.69 min Scan# 486

Delta R.T. -0.01 min

Lab File: BG025816.D

Acq: 7 Feb 2017 00:01

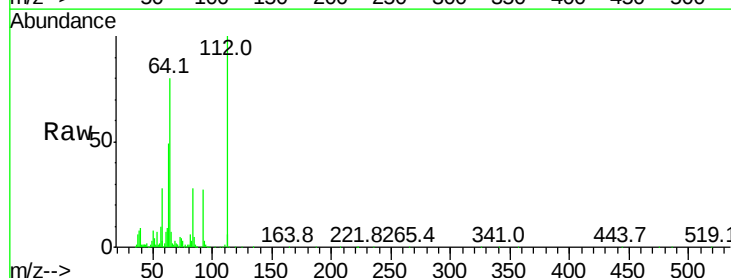
Tgt Ion:112 Resp: 631178

Ion Ratio Lower Upper

112 100

64 80.4 61.8 92.6

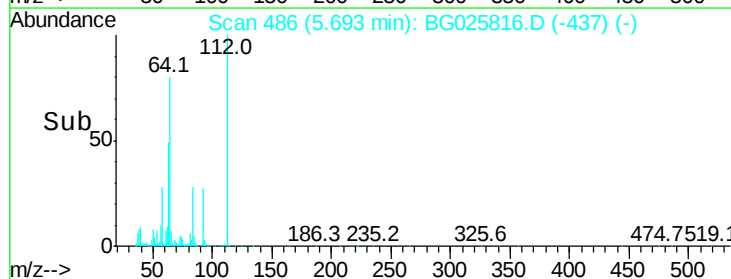
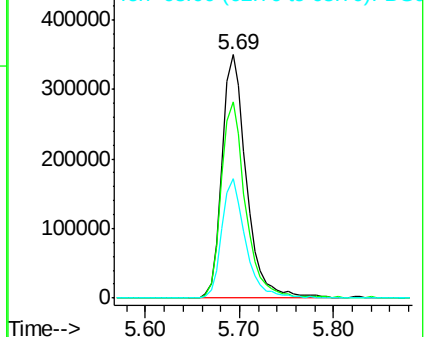
63 49.0 37.2 55.8

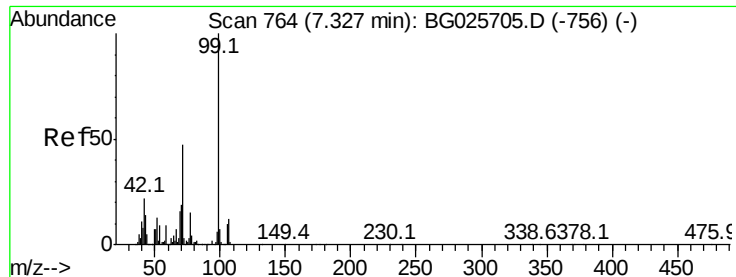


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 145.09 ng

RT: 7.32 min Scan# 763

Delta R.T. -0.01 min

Lab File: BG025816.D

Acq: 7 Feb 2017 00:01

Instrument :

BNA_G

ClientSampleId :

WC-B10-B17-001

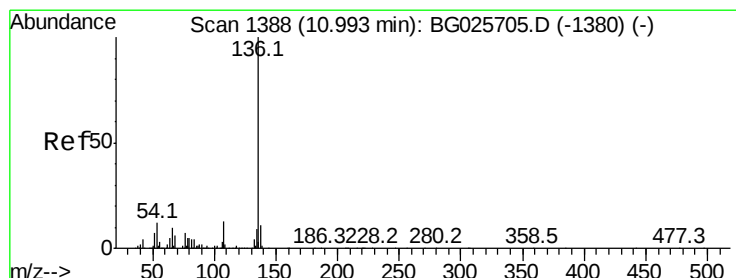
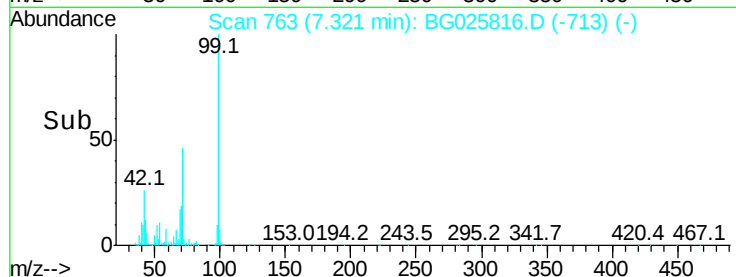
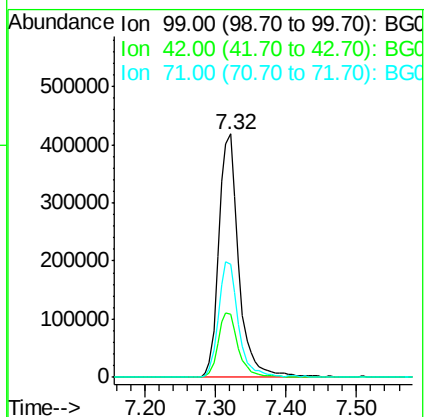
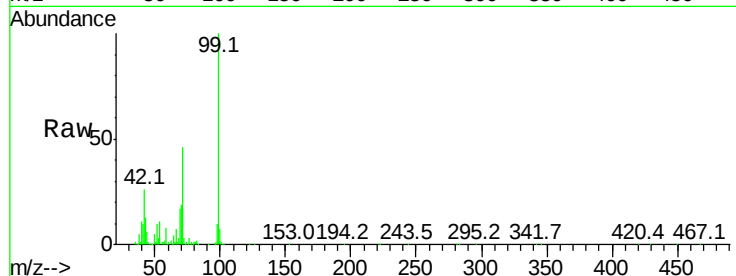
Tot Ion: 99 Resp: 822578

Ion Ratio Lower Upper

99 100

42 25.8 20.5 30.7

71 46.3 37.6 56.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.99 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BG025816.D

Acq: 7 Feb 2017 00:01

Tgt Ion: 136 Resp: 294839

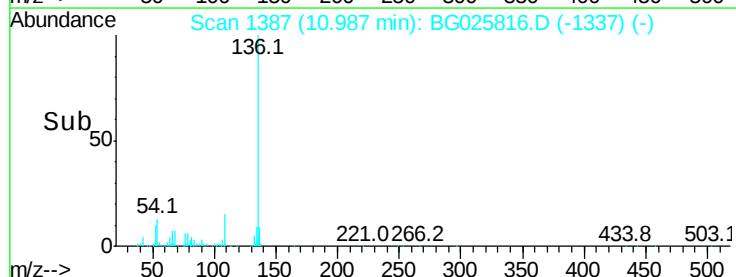
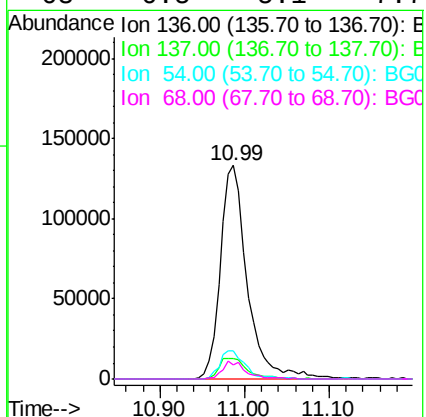
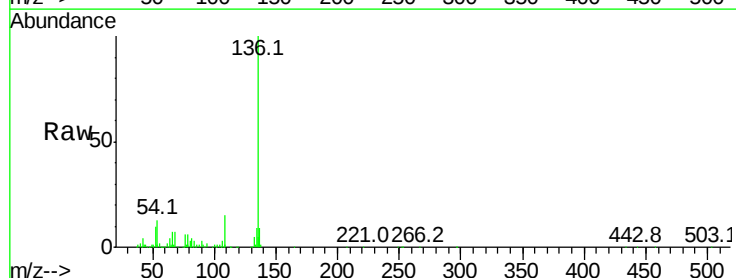
Ion Ratio Lower Upper

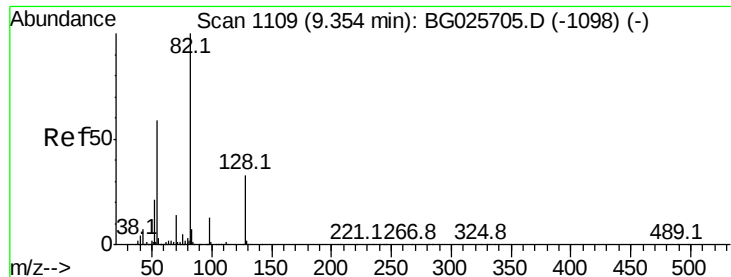
136 100

137 9.4 8.9 13.3

54 13.1 9.3 13.9

68 6.5 5.1 7.7

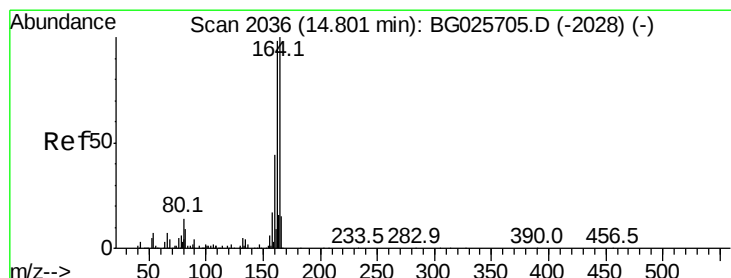
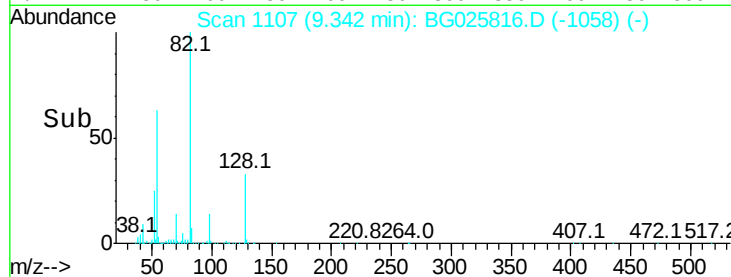
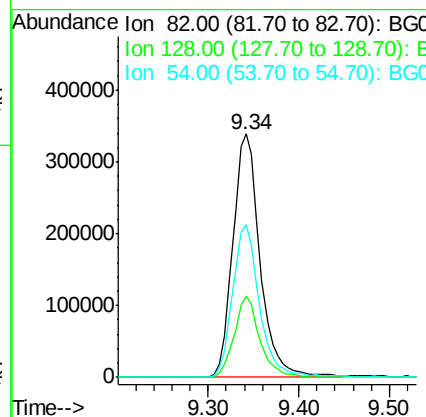
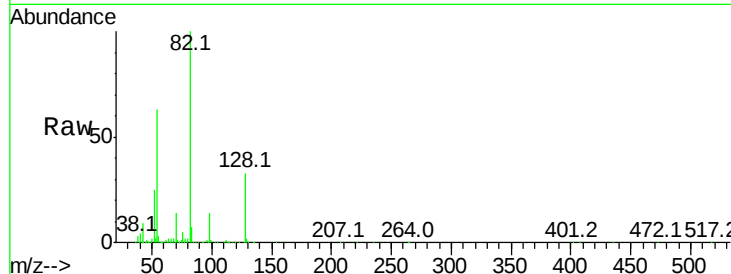




#23
 Nitrobenzene-d5
 Concen: 101.45 ng
 RT: 9.34 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BG025816.D
 Acq: 7 Feb 2017 00:01

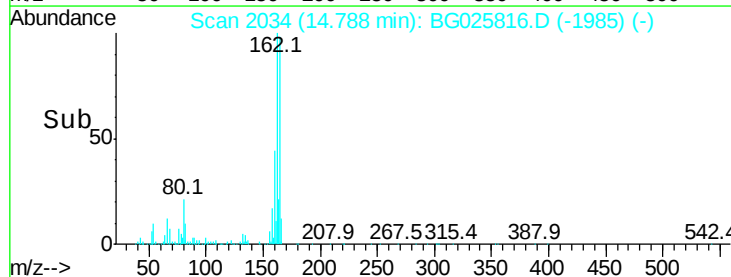
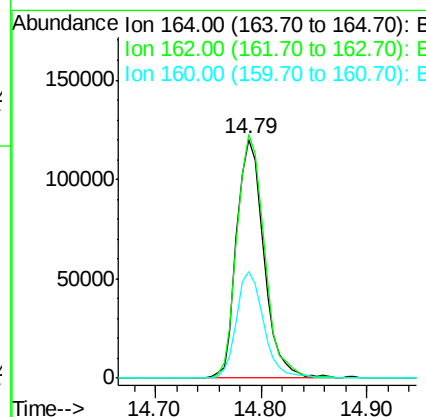
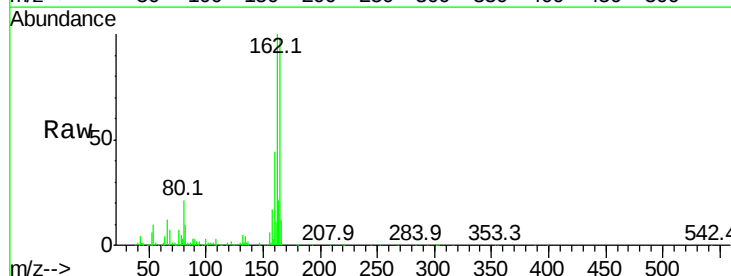
Instrument :
 BNA_G
 ClientSampleId :
 WC-B10-B17-001

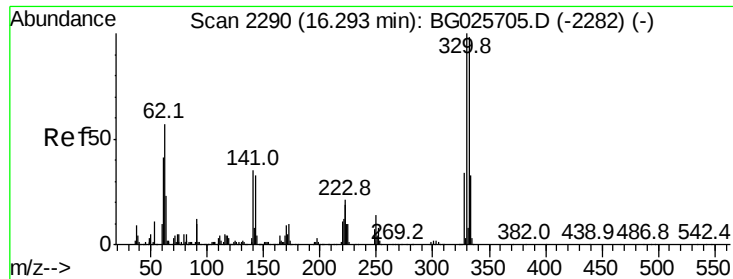
Tot Ion	Ratio	Lower	Upper
82	100		
128	33.1	26.4	39.6
54	62.9	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.79 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BG025816.D
 Acq: 7 Feb 2017 00:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	85.1	127.7
160	44.8	34.7	52.1

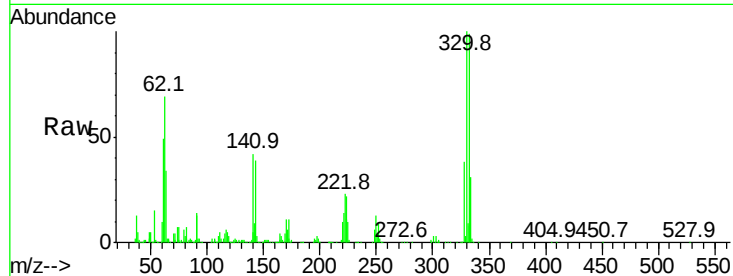




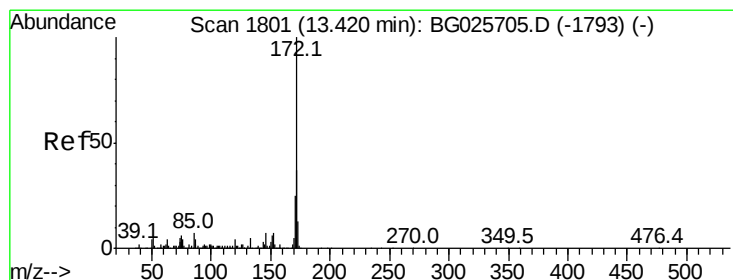
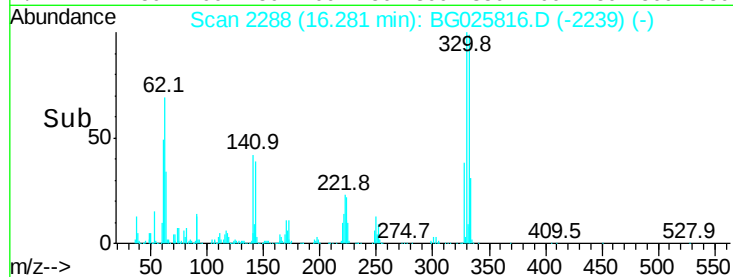
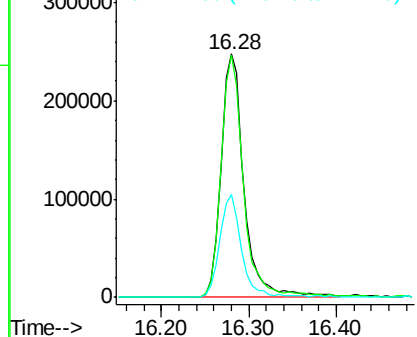
#41
 2,4,6-Tribromophenol
 Concen: 147.57 ng
 RT: 16.28 min Scan# 2288
 Delta R.T. -0.01 min
 Lab File: BG025816.D
 Acq: 7 Feb 2017 00:01

Instrument :
 BNA_G
 ClientSampleId :
 WC-B10-B17-001

Tot Ion:330 Resp: 448435
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.3 115.9
 141 39.8 32.1 48.1

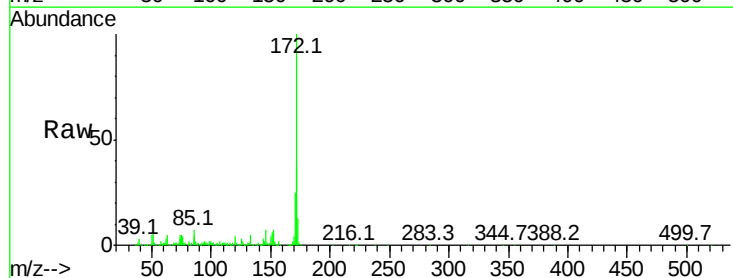


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

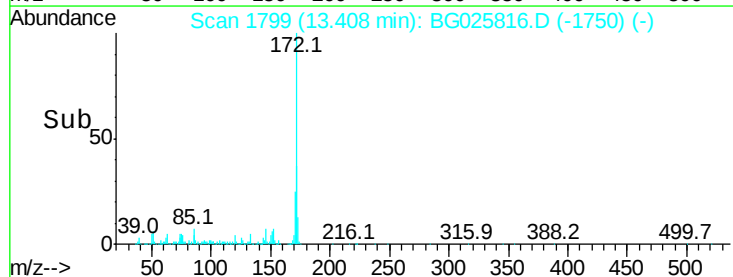
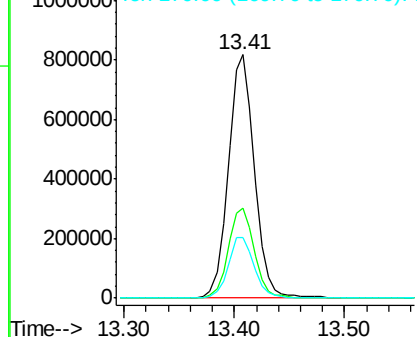


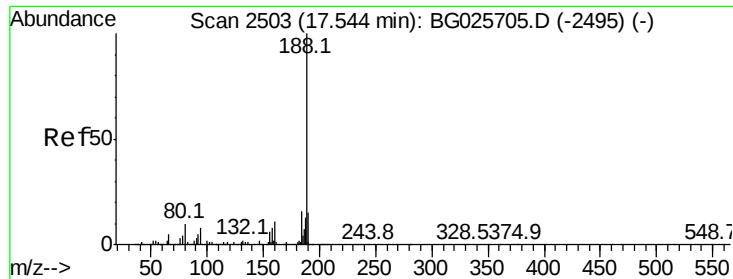
#44
 2-Fluorobiphenyl
 Concen: 102.62 ng
 RT: 13.41 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BG025816.D
 Acq: 7 Feb 2017 00:01

Tgt Ion:172 Resp: 1346309
 Ion Ratio Lower Upper
 172 100
 171 36.7 32.2 48.2
 170 25.0 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. -0.01 min

Lab File: BG025816.D

Acq: 7 Feb 2017 00:01

Instrument :

BNA_G

ClientSampleId :

WC-B10-B17-001

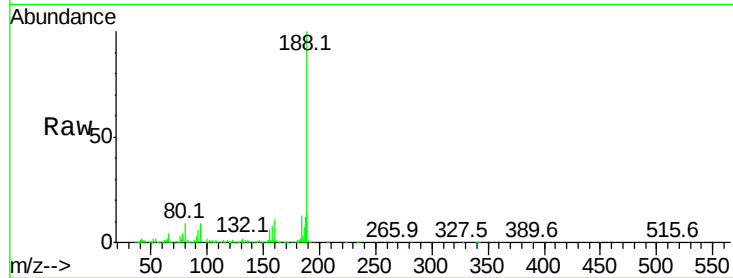
Tot Ion:188 Resp: 515553

Ion Ratio Lower Upper

188 100

94 8.8 5.8 8.8#

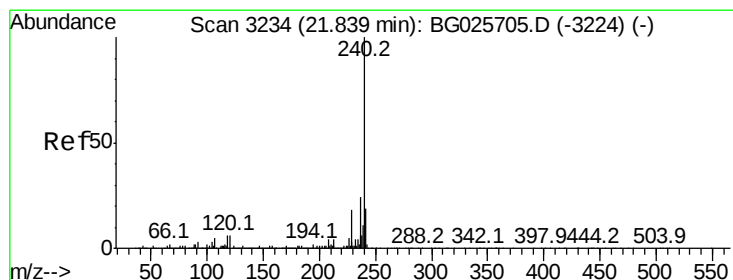
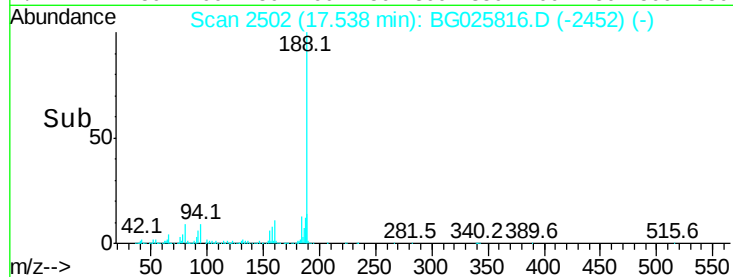
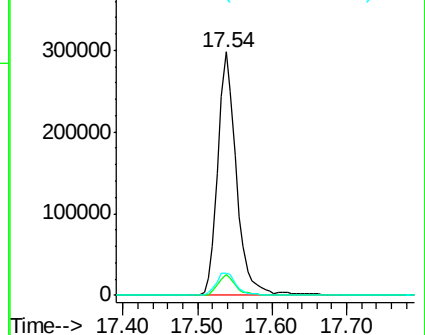
80 9.3 7.5 11.3



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: 21.82 min Scan# 3231

Delta R.T. -0.02 min

Lab File: BG025816.D

Acq: 7 Feb 2017 00:01

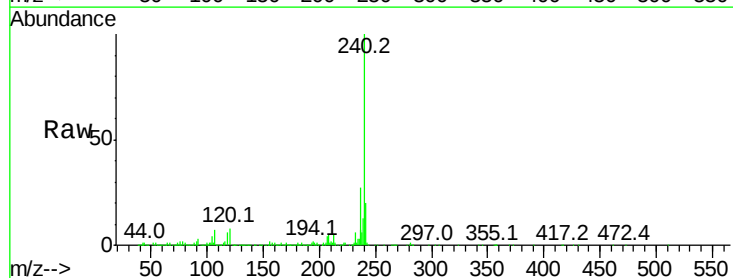
Tgt Ion:240 Resp: 617884

Ion Ratio Lower Upper

240 100

120 7.9 5.7 8.5

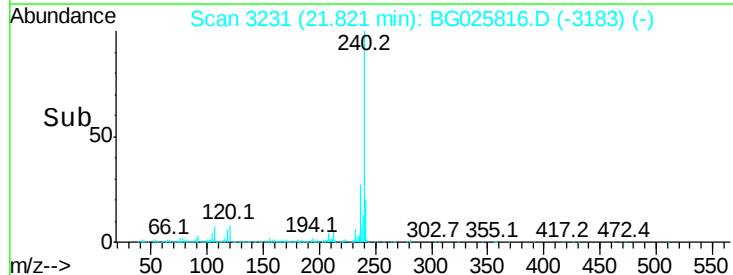
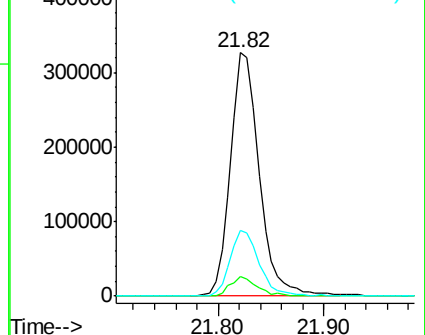
236 26.9 22.2 33.4

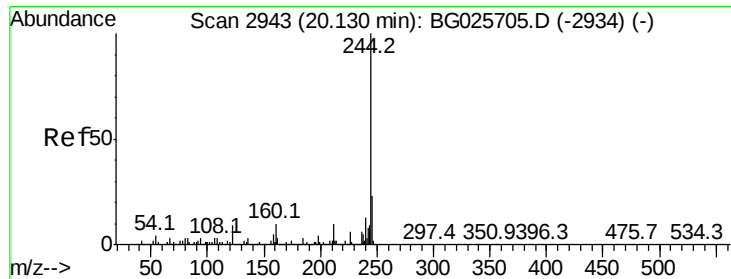


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 99.79 ng

RT: 20.12 min Scan# 2941

Delta R.T. -0.01 min

Lab File: BG025816.D

Acq: 7 Feb 2017 00:01

Instrument :

BNA_G

ClientSampleId :

WC-B10-B17-001

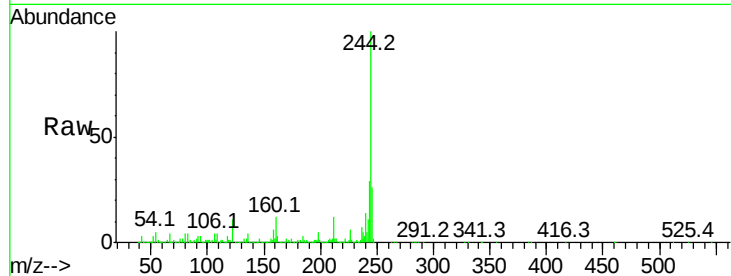
Tot Ion:244 Resp: 2554644

Ion Ratio Lower Upper

244 100

212 11.7 10.0 15.0

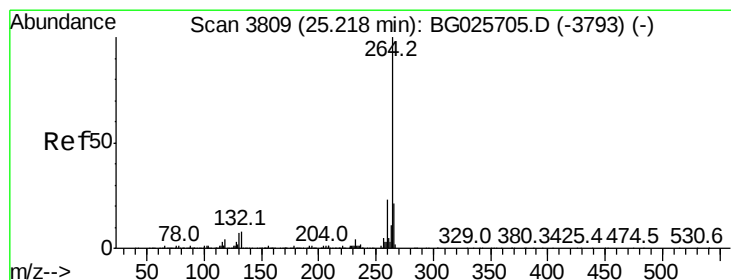
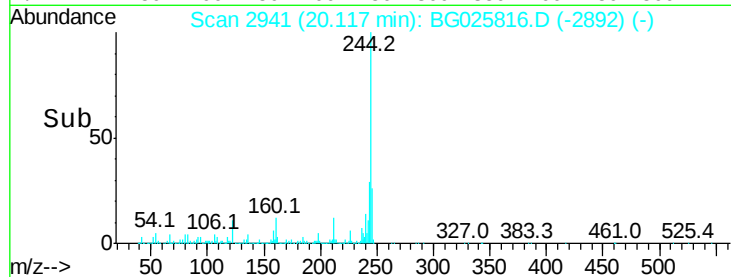
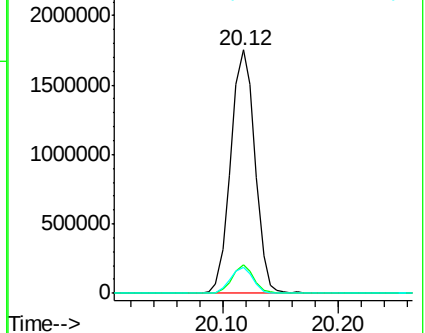
122 10.8 8.6 12.8



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: BG025816.D

Acq: 7 Feb 2017 00:01

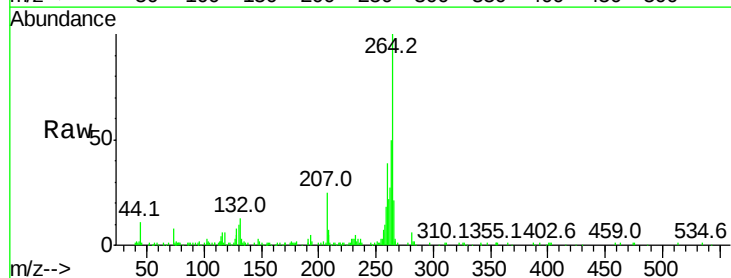
Tgt Ion:264 Resp: 135345

Ion Ratio Lower Upper

264 100

260 39.0 21.8 32.8#

265 20.9 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

