

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020617\
 Data File : BG025810.D
 Acq On : 6 Feb 2017 20:05
 Operator : SJ/MA
 Sample : I1690-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-6-COMP

Quant Time: Feb 07 02:42:37 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	80720	20.00	ng	-0.02
21) Naphthalene-d8	10.98	136	322229	20.00	ng	-0.01
38) Acenaphthene-d10	14.79	164	246991	20.00	ng	-0.01
63) Phenanthrene-d10	17.54	188	550160	20.00	ng	0.00
75) Chrysene-d12	21.82	240	703639	20.00	ng	-0.02
86) Perylene-d12	25.19	264	665812	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	672893	149.40	ng	-0.01
7) Phenol-d6	7.32	99	865401	131.56	ng	-0.01
23) Nitrobenzene-d5	9.34	82	750435	98.40	ng	-0.02
41) 2,4,6-Tribromophenol	16.28	330	482916	137.10	ng	-0.01
44) 2-Fluorobiphenyl	13.41	172	1419993	93.37	ng	-0.01
78) Terphenyl-d14	20.12	244	2652406	90.99	ng	-0.01

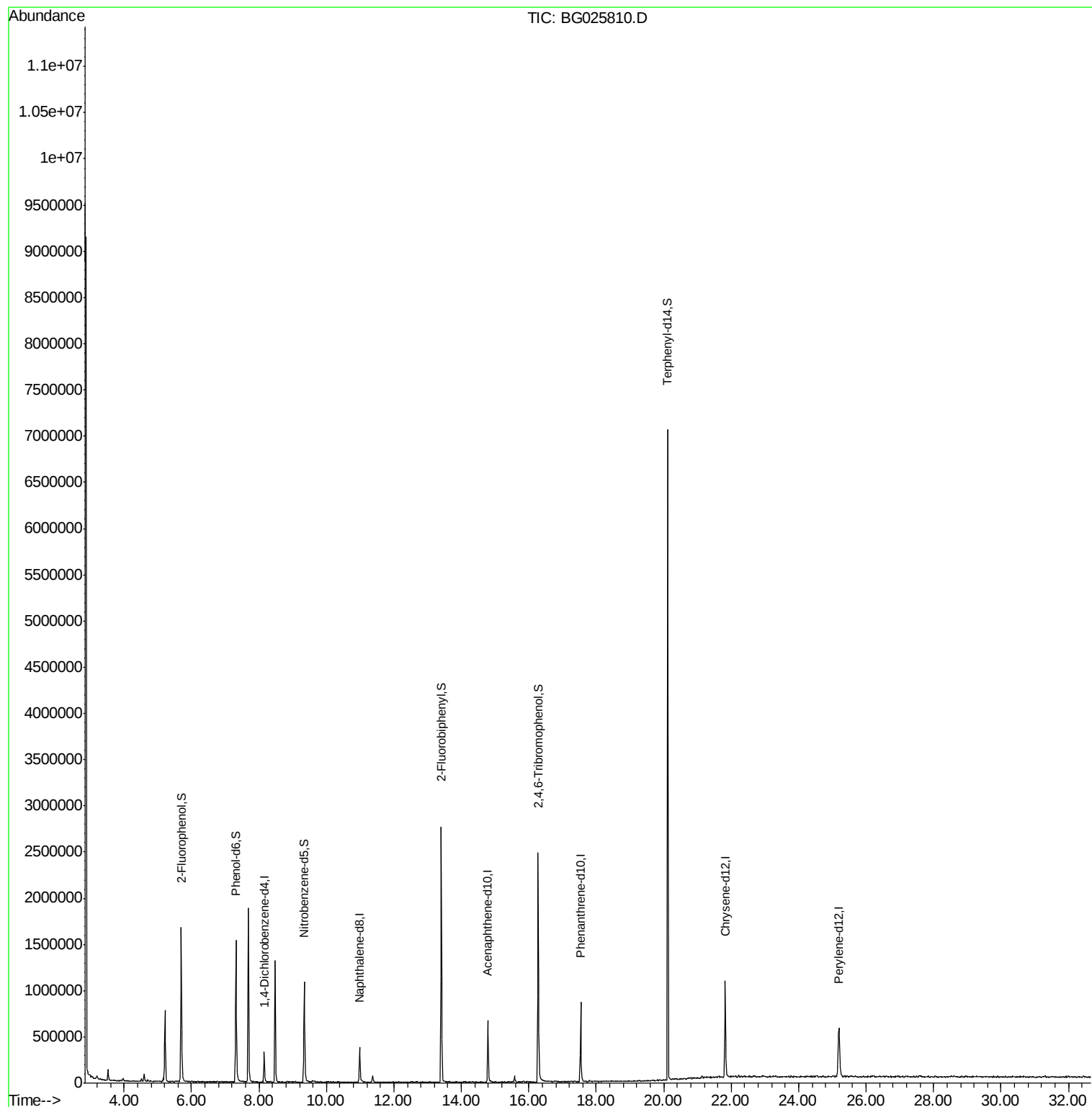
Target Compounds Qvalue

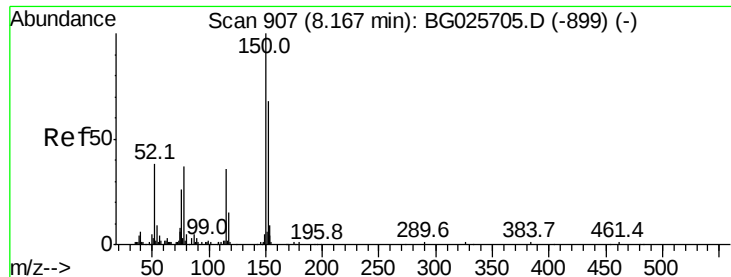
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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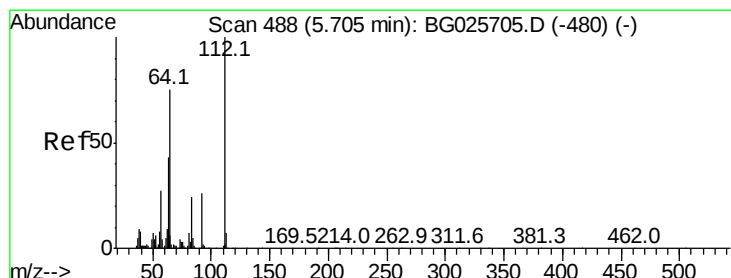
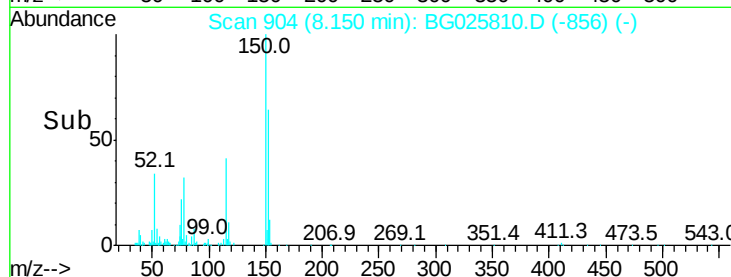
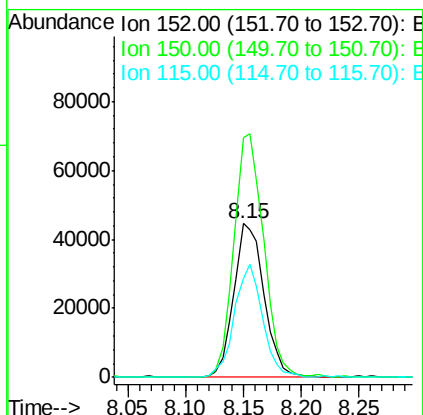
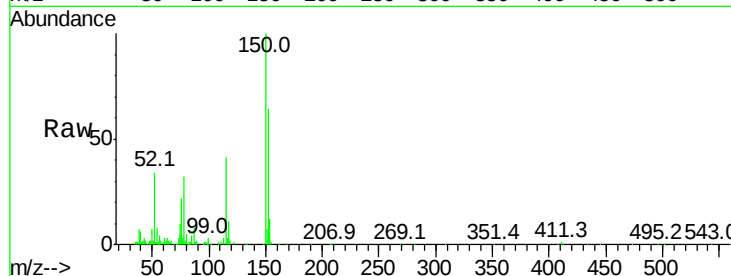


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.15 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG025810.D
 Acq: 6 Feb 2017 20:05

Instrument :
 BNA_G
 ClientSampleId :
 MH-6-COMP

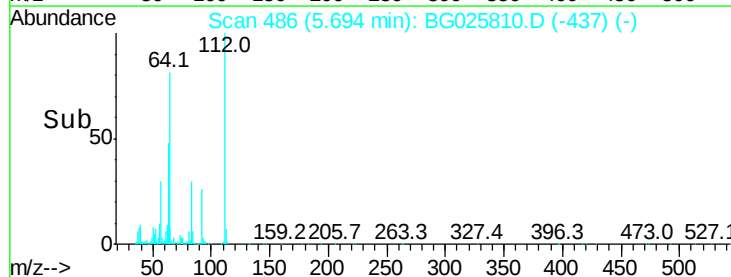
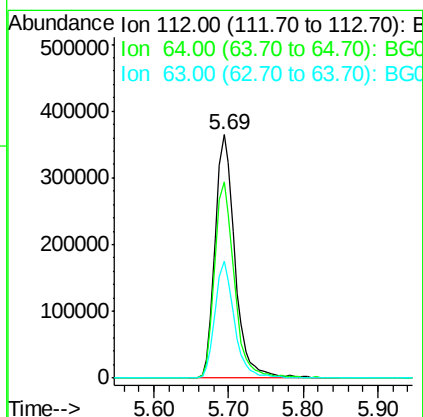
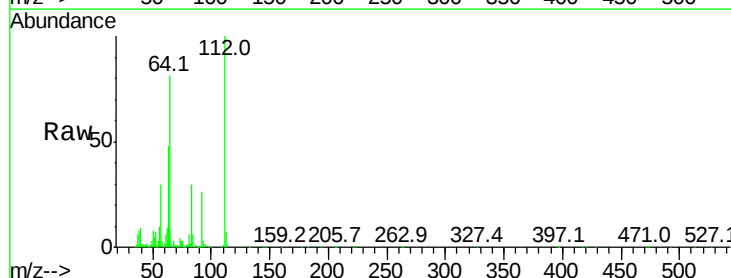
Tot Ion:152 Resp: 80720
 Ion Ratio Lower Upper
 152 100
 150 156.4 114.0 171.0
 115 64.5 48.1 72.1

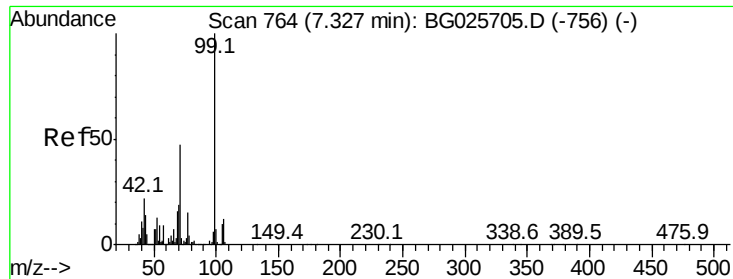


#5

2-Fluorophenol
 Concen: 149.40 ng
 RT: 5.69 min Scan# 486
 Delta R.T. -0.01 min
 Lab File: BG025810.D
 Acq: 6 Feb 2017 20:05

Tgt Ion:112 Resp: 672893
 Ion Ratio Lower Upper
 112 100
 64 80.8 61.8 92.6
 63 48.2 37.2 55.8





#7

Phenol-d6

Concen: 131.56 ng

RT: 7.32 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG025810.D

Acq: 6 Feb 2017 20:05

Instrument :

BNA_G

ClientSampleId :

MH-6-COMP

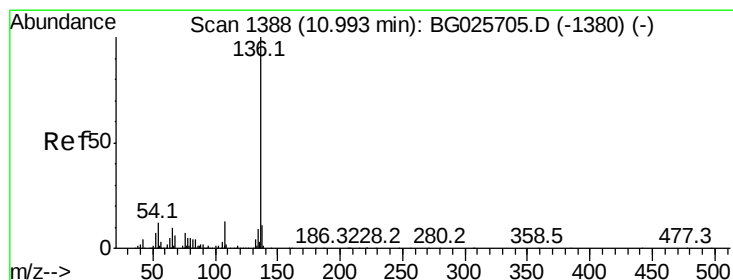
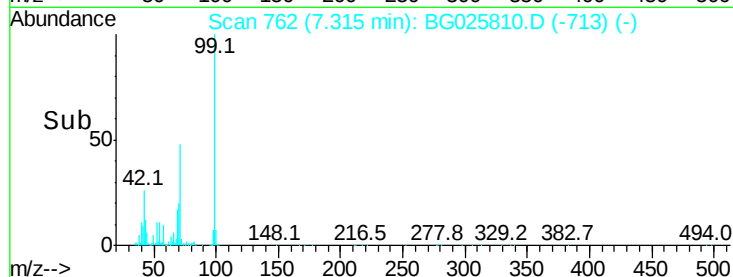
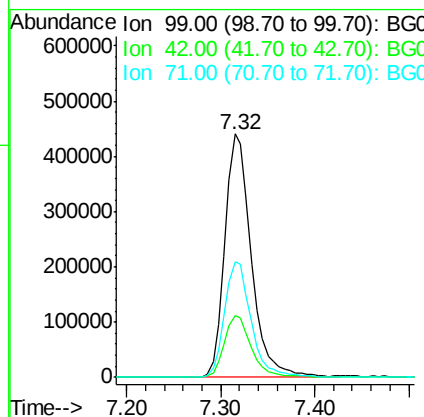
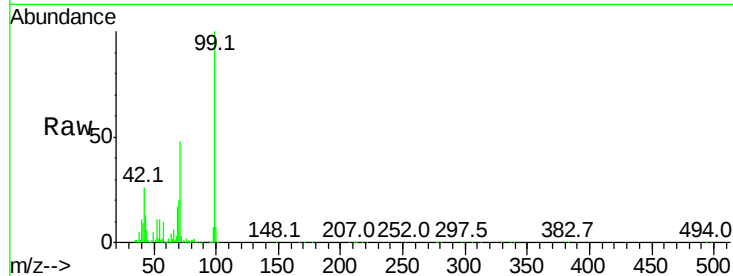
Tot Ion: 99 Resp: 865401

Ion Ratio Lower Upper

99 100

42 25.7 20.5 30.7

71 47.6 37.6 56.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BG025810.D

Acq: 6 Feb 2017 20:05

Tgt Ion: 136 Resp: 322229

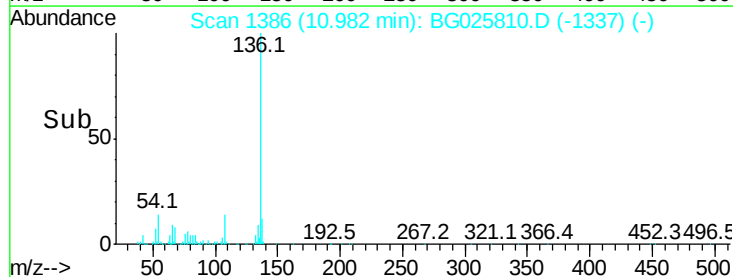
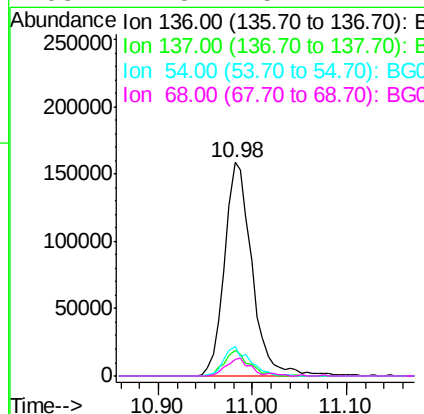
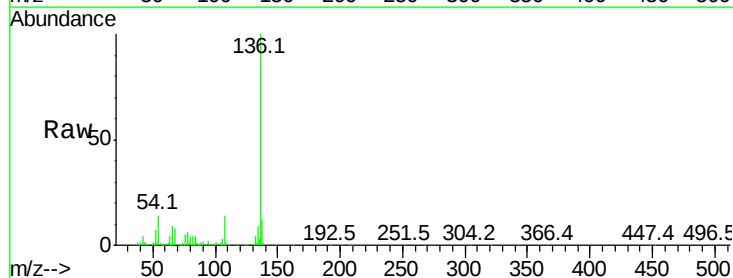
Ion Ratio Lower Upper

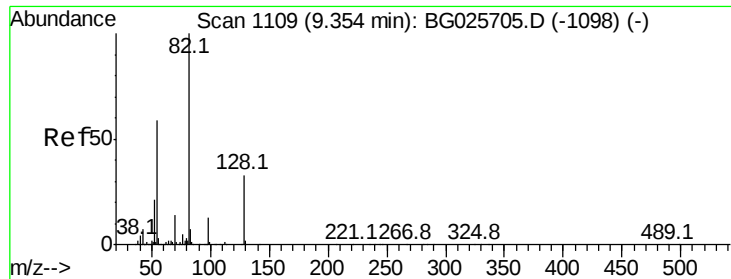
136 100

137 11.8 8.9 13.3

54 14.0 9.3 13.9#

68 7.8 5.1 7.7#

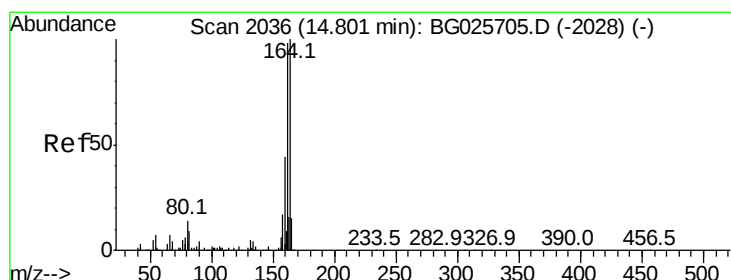
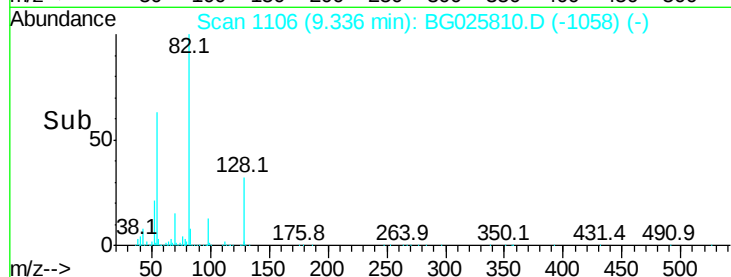
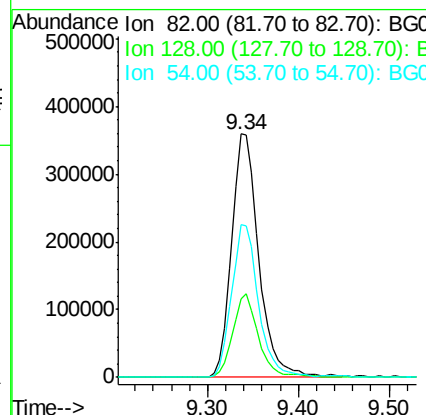
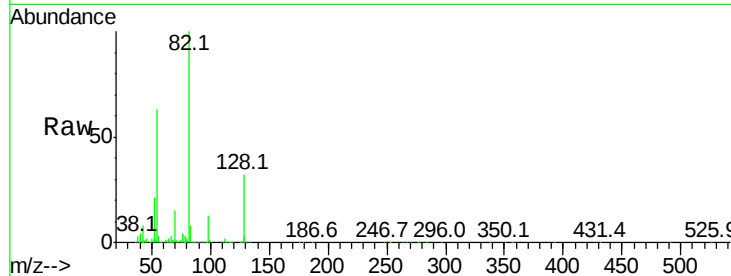




#23
 Nitrobenzene-d5
 Concen: 98.40 ng
 RT: 9.34 min Scan# 1106
 Delta R.T. -0.02 min
 Lab File: BG025810.D
 Acq: 6 Feb 2017 20:05

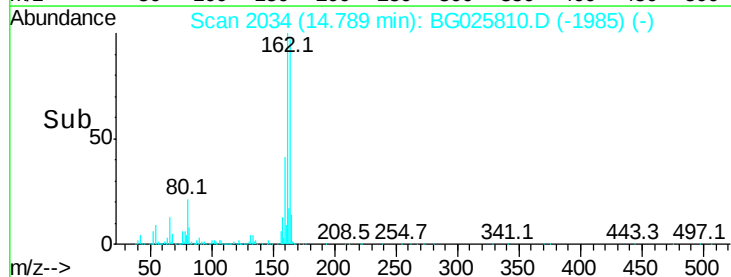
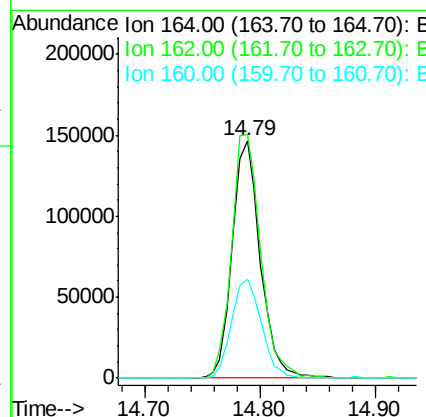
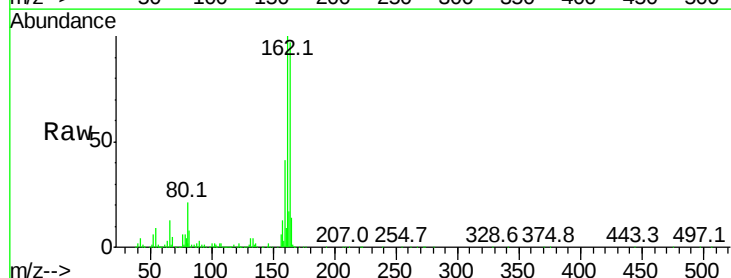
Instrument :
 BNA_G
 ClientSampleId :
 MH-6-COMP

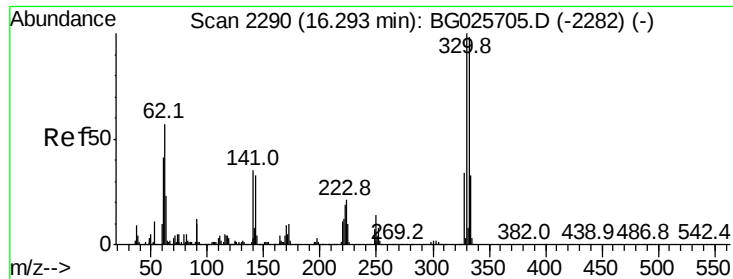
Tot Ion	Ratio	Lower	Upper
82	100		
128	32.0	26.4	39.6
54	62.5	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.79 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BG025810.D
 Acq: 6 Feb 2017 20:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	85.1	127.7
160	41.7	34.7	52.1

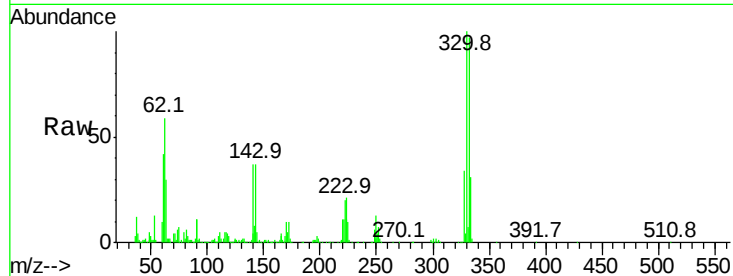




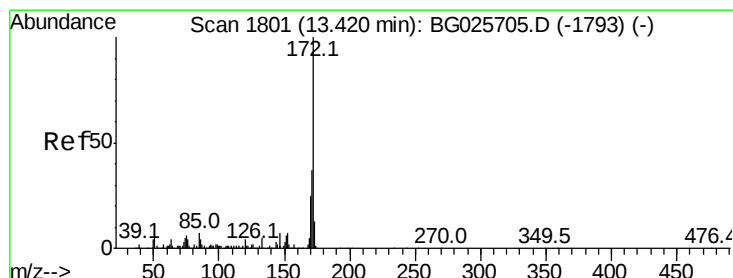
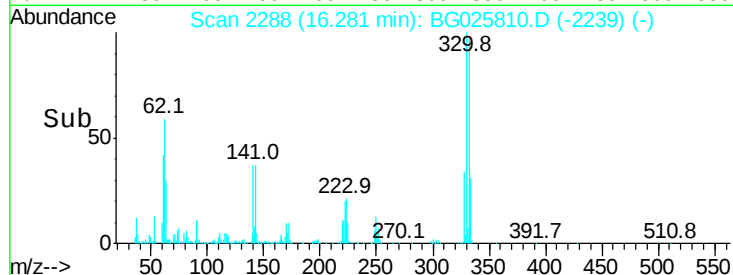
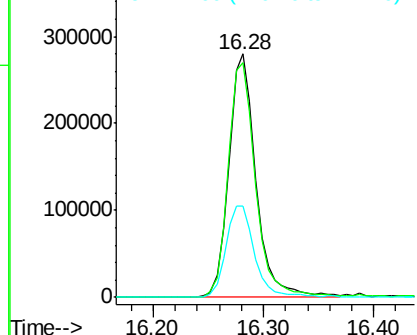
#41
 2,4,6-Tribromophenol
 Concen: 137.10 ng
 RT: 16.28 min Scan# 2288
 Delta R.T. -0.01 min
 Lab File: BG025810.D
 Acq: 6 Feb 2017 20:05

Instrument :
 BNA_G
 ClientSampleId :
 MH-6-COMP

Tot Ion:330 Resp: 482916
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.3 115.9
 141 38.8 32.1 48.1

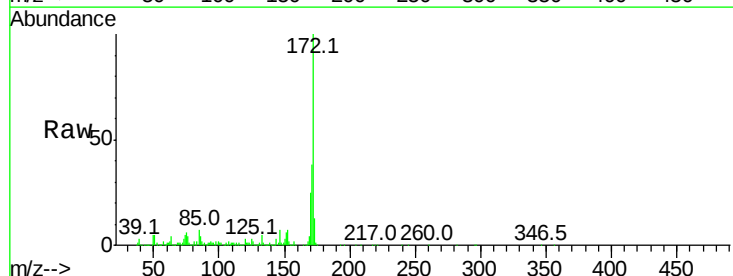


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

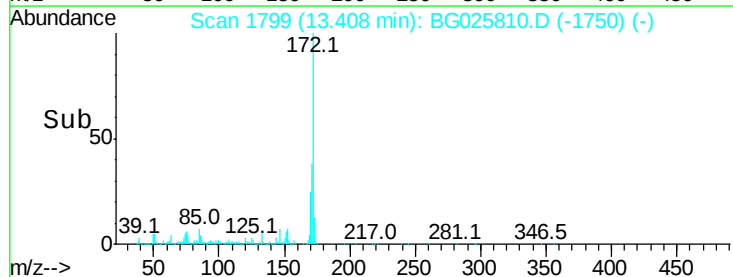
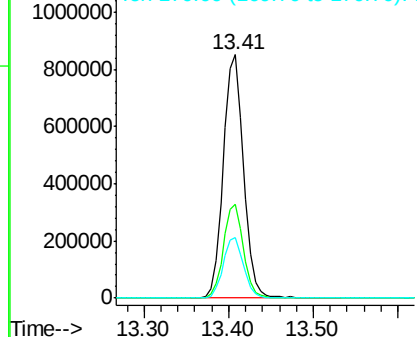


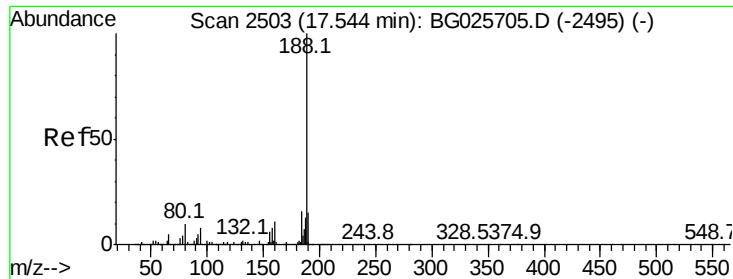
#44
 2-Fluorobiphenyl
 Concen: 93.37 ng
 RT: 13.41 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BG025810.D
 Acq: 6 Feb 2017 20:05

Tgt Ion:172 Resp: 1419993
 Ion Ratio Lower Upper
 172 100
 171 38.3 32.2 48.2
 170 24.6 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: BG025810.D

Acq: 6 Feb 2017 20:05

Instrument :

BNA_G

ClientSampleId :

MH-6-COMP

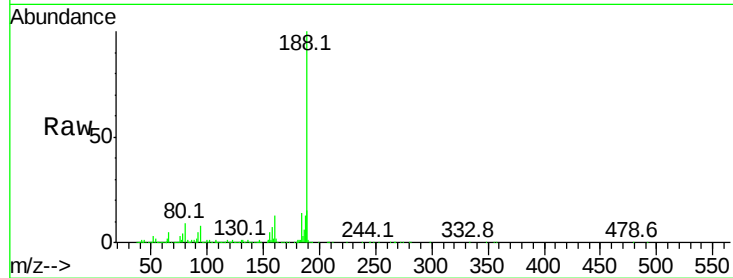
Tot Ion:188 Resp: 550160

Ion Ratio Lower Upper

188 100

94 8.0 5.8 8.8

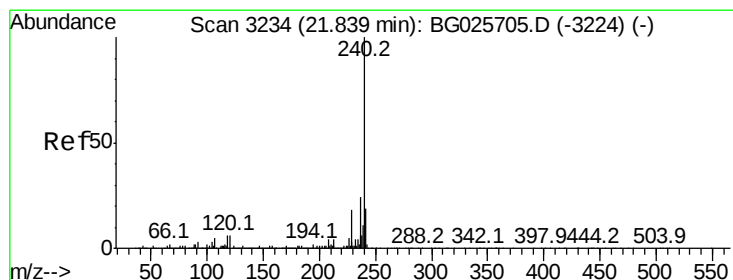
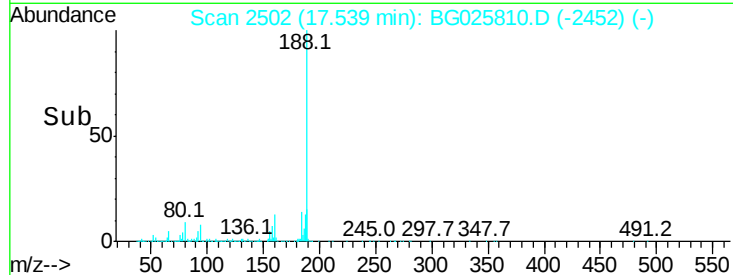
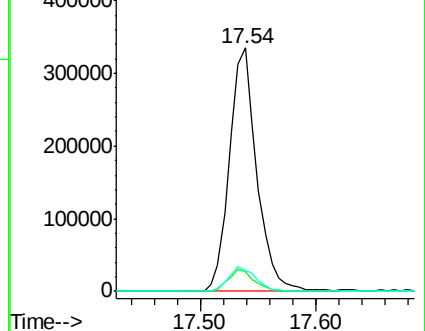
80 8.7 7.5 11.3



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: BG025810.D

Acq: 6 Feb 2017 20:05

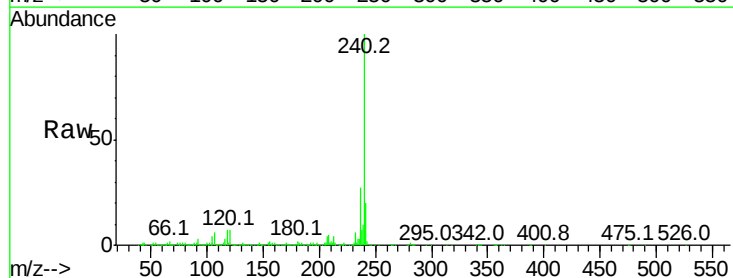
Tgt Ion:240 Resp: 703639

Ion Ratio Lower Upper

240 100

120 7.4 5.7 8.5

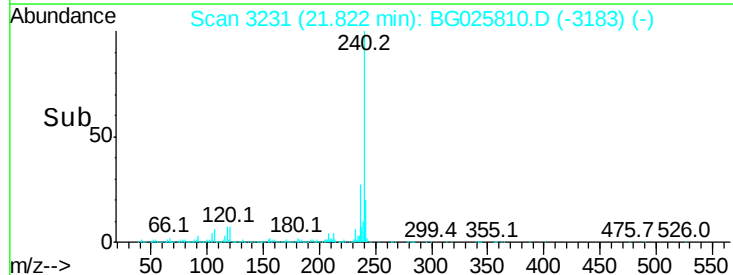
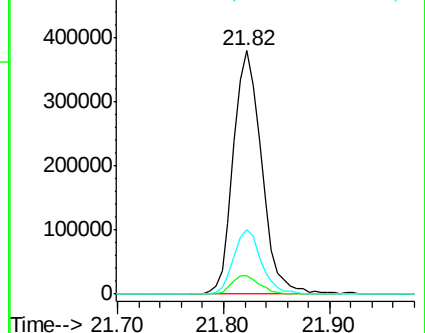
236 26.7 22.2 33.4

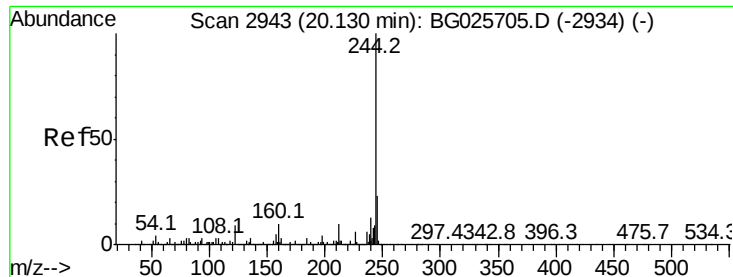


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 90.99 ng

RT: 20.12 min Scan# 2941

Delta R.T. -0.01 min

Lab File: BG025810.D

Acq: 6 Feb 2017 20:05

Instrument :

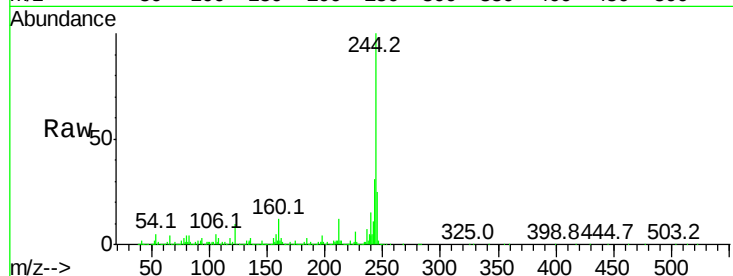
BNA_G

ClientSampleId :

MH-6-COMP

Tot Ion:244 Resp: 2652406

Ion	Ratio	Lower	Upper
244	100		
212	11.7	10.0	15.0
122	10.5	8.6	12.8

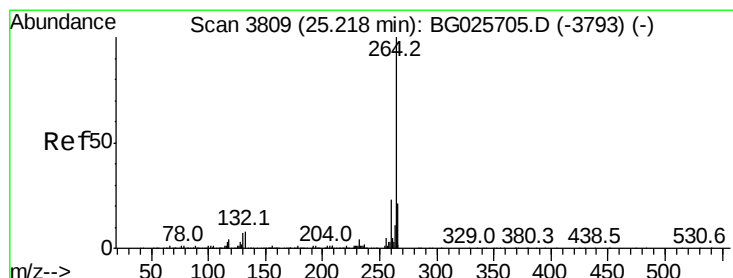
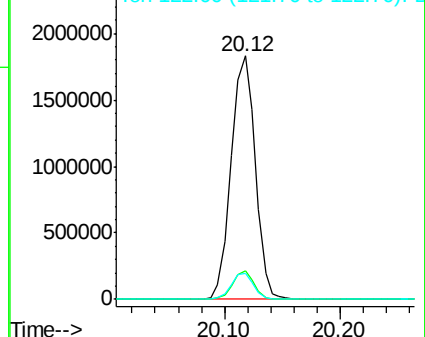
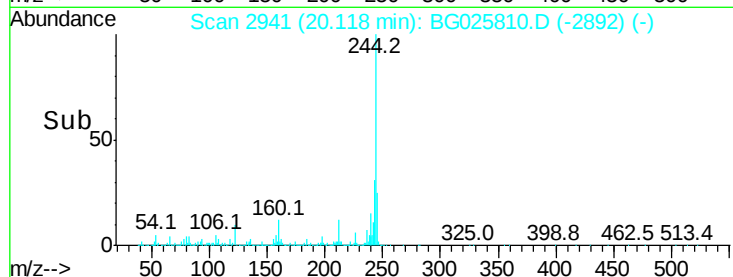


Abundance

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: 25.19 min Scan# 3804

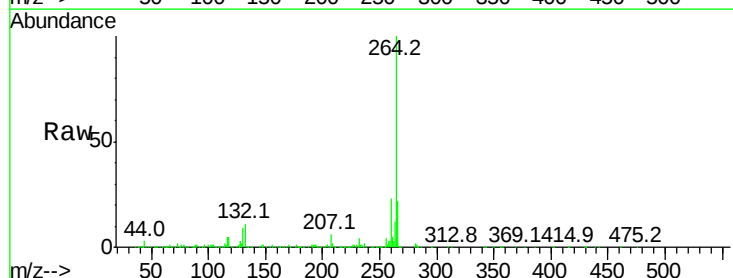
Delta R.T. -0.03 min

Lab File: BG025810.D

Acq: 6 Feb 2017 20:05

Tgt Ion:264 Resp: 665812

Ion	Ratio	Lower	Upper
264	100		
260	22.5	21.8	32.8
265	21.9	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

