

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 01:21:15 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

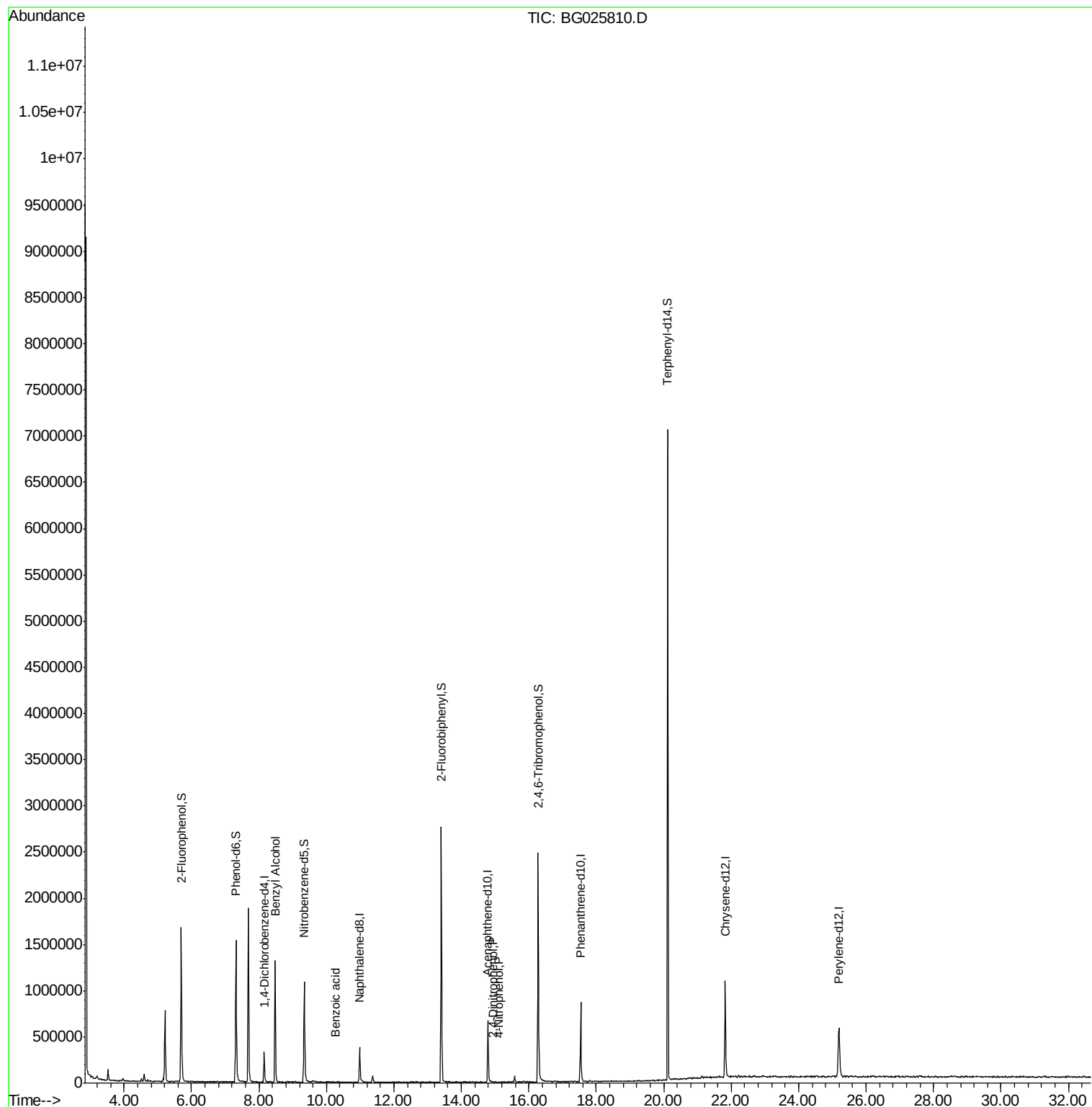
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	80720	20.00	ng	-0.02
21) Naphthalene-d8	10.98	136	322229	20.00	ng	-0.01
38) Acenaphthene-d10	14.79	164	246991	20.00	ng	-0.01
63) Phenanthrene-d10	17.54	188	550160	20.00	ng	0.00
75) Chrysene-d12	21.82	240	703639	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						
15) Benzyl Alcohol	8.47	79	13100	2.30	ng	# 71
32) Benzoic acid	10.26	122	79	7.91	ng	# 1
53) 2,4-Dinitrophenol	14.94	184	79	9.47	ng	# 51
55) 4-Nitrophenol	15.11	139	134	5.62	ng	# 1

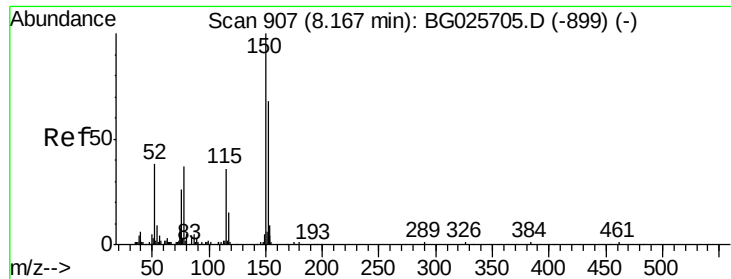
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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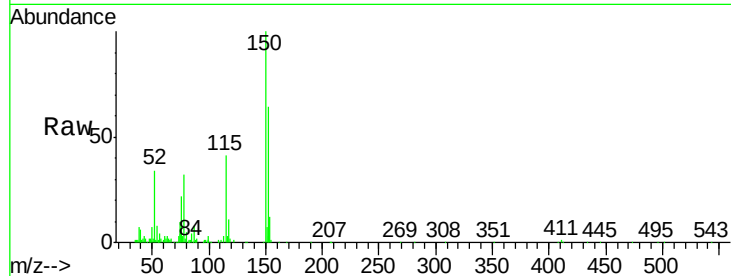


#1

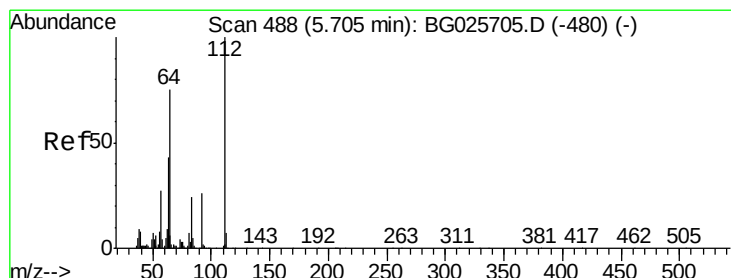
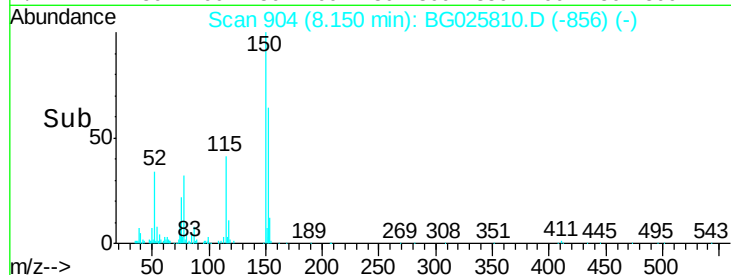
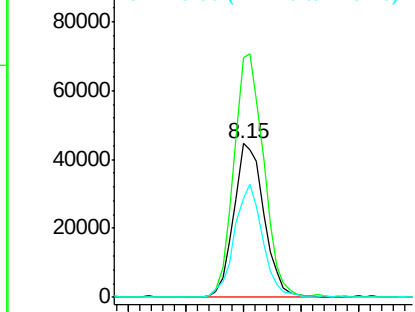
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.02 min
Lab File: BG025810.D
Acq: 6 Feb 2017 20:05

Instrument :
BNA_G
ClientSampleId :
MH-6-COMP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.4	114.0	171.0
115	64.5	48.1	72.1



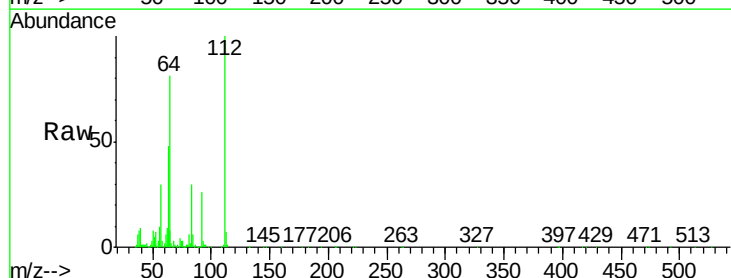
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



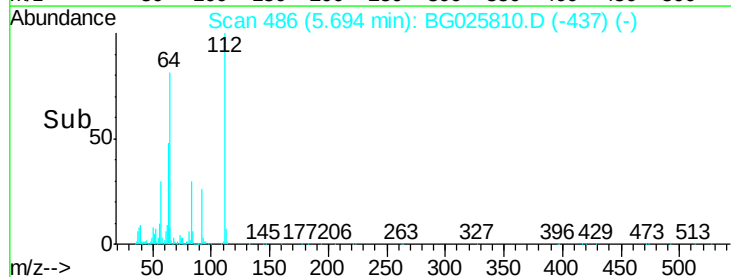
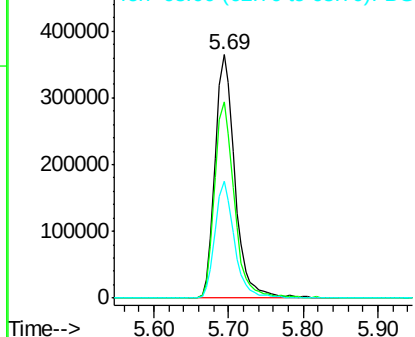
#5

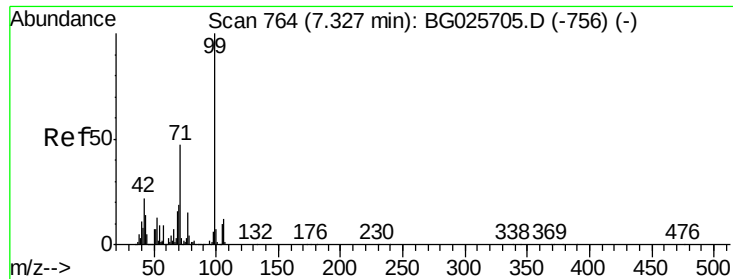
2-Fluorophenol
Concen: 149.40 ng
RT: 5.69 min Scan# 486
Delta R.T. -0.01 min
Lab File: BG025810.D
Acq: 6 Feb 2017 20:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	80.8	61.8	92.6
63	48.2	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: 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

ClientSampled :

MH-6-COMP

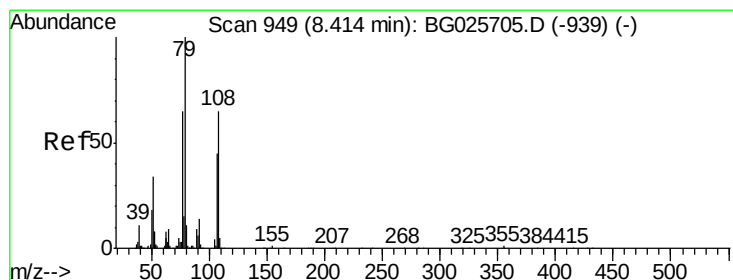
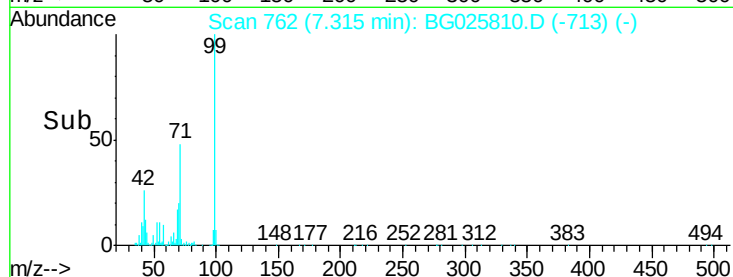
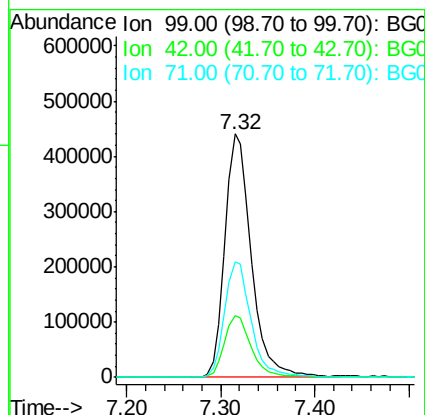
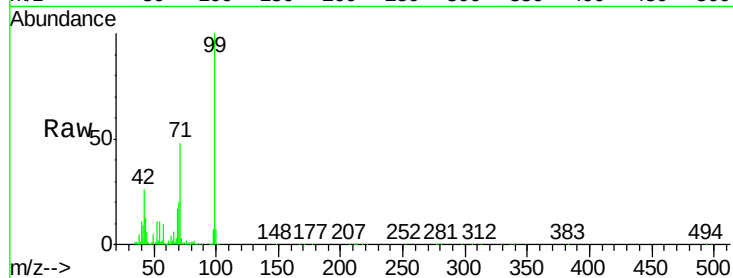
Tgt Ion: 99 Resp: 865401

Ion Ratio Lower Upper

99 100

42 25.7 20.5 30.7

71 47.6 37.6 56.4



#15

Benzyl Alcohol

Concen: 2.30 ng

RT: 8.47 min Scan# 959

Delta R.T. 0.06 min

Lab File: BG025810.D

Acq: 6 Feb 2017 20:05

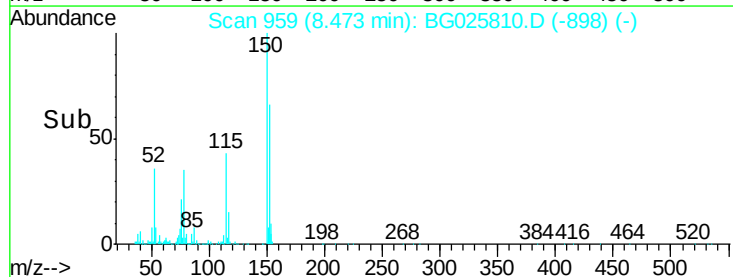
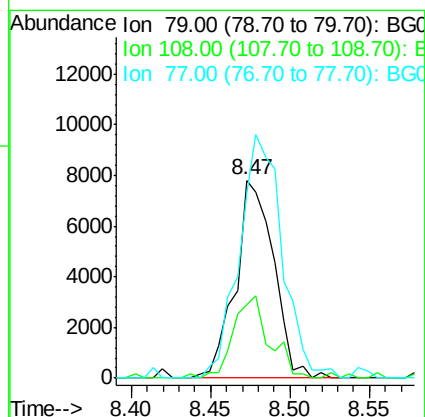
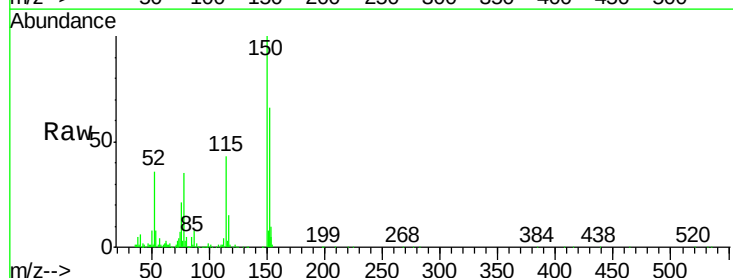
Tgt Ion: 79 Resp: 13100

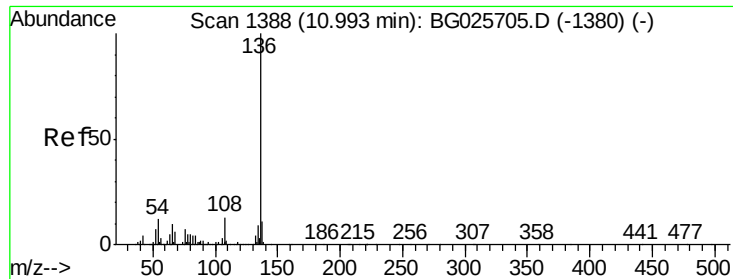
Ion Ratio Lower Upper

79 100

108 37.4 45.5 68.3#

77 93.7 54.3 81.5#

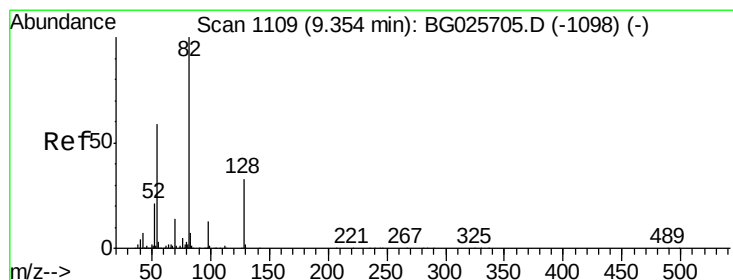
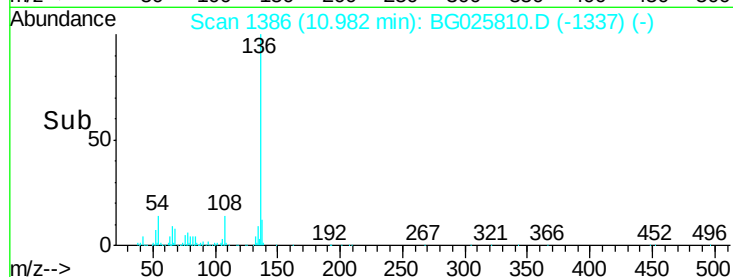
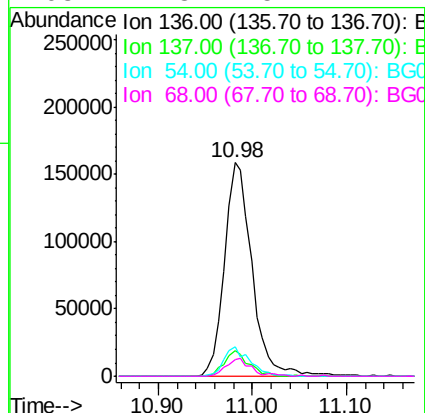
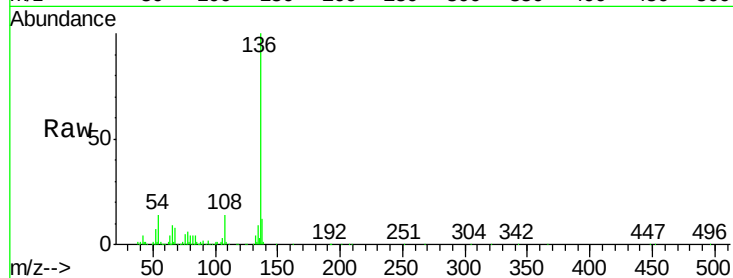




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BG025810.D
Acq: 6 Feb 2017 20:05

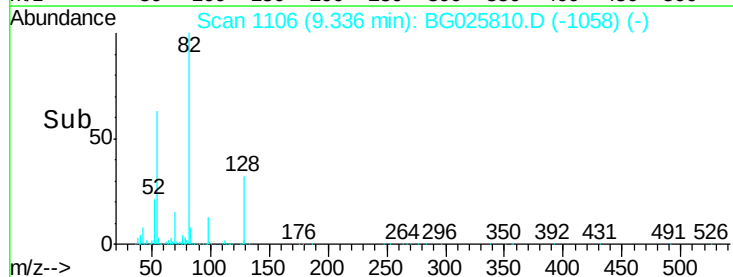
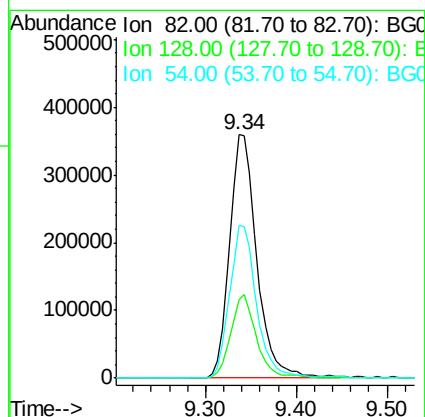
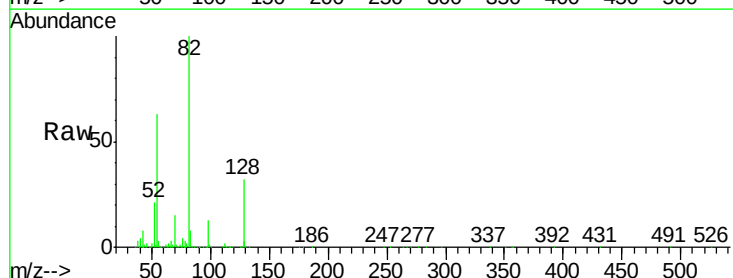
Instrument :
BNA_G
ClientSampleId :
MH-6-COMP

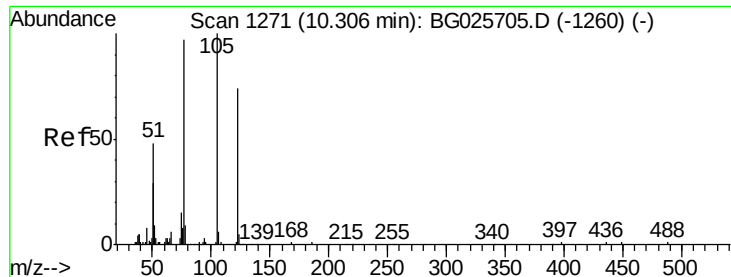
Tgt Ion:	136	Resp:	322229
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.9	13.3
54	14.0	9.3	13.9#
68	7.8	5.1	7.7#



#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

Tgt Ion:	82	Resp:	750435
Ion	Ratio	Lower	Upper
82	100		
128	32.0	26.4	39.6
54	62.5	49.4	74.2

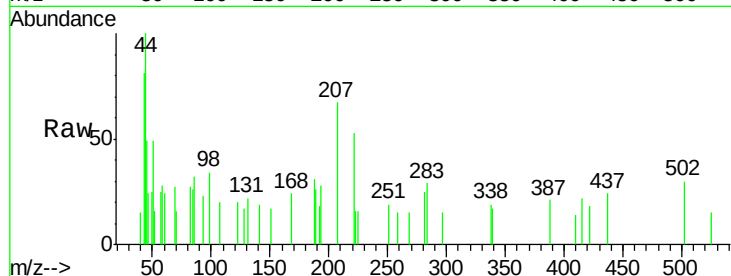




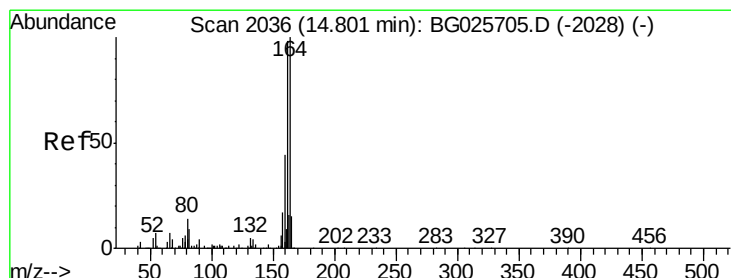
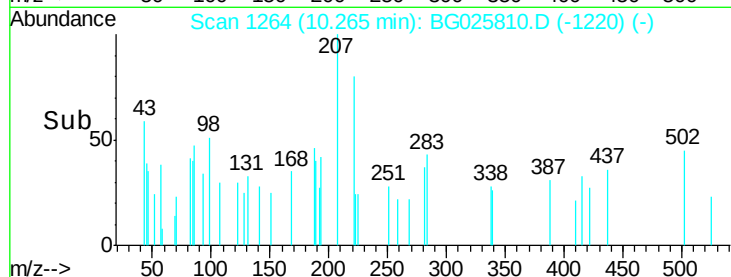
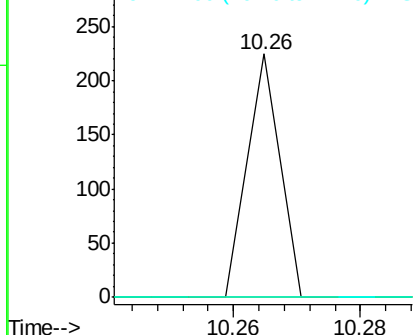
#32
Benzoic acid
Concen: 7.91 ng
RT: 10.26 min Scan# 1264
Delta R.T. -0.04 min
Lab File: BG025810.D
Acq: 6 Feb 2017 20:05

Instrument :
BNA_G
ClientSampleId :
MH-6-COMP

Tgt Ion:122 Resp: 79
Ion Ratio Lower Upper
122 100
105 0.0 120.1 160.1#
77 0.0 104.6 144.6#

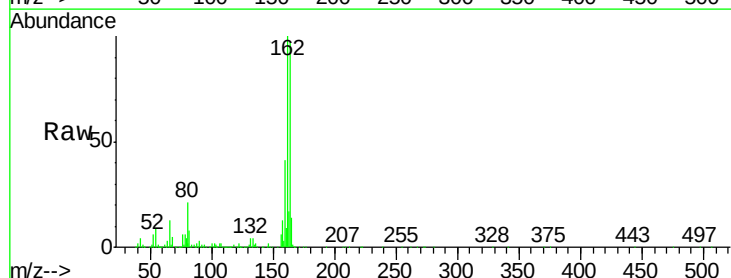


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

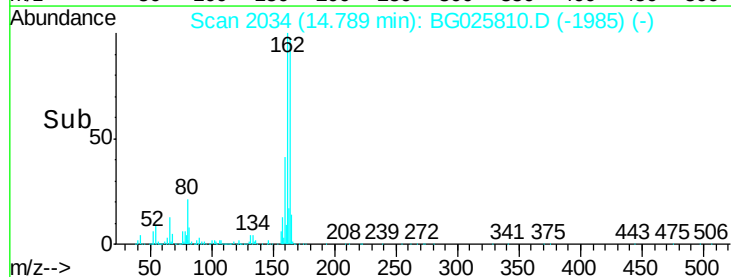
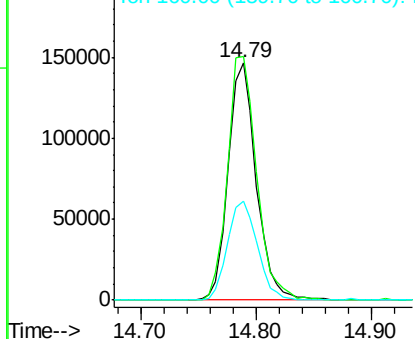


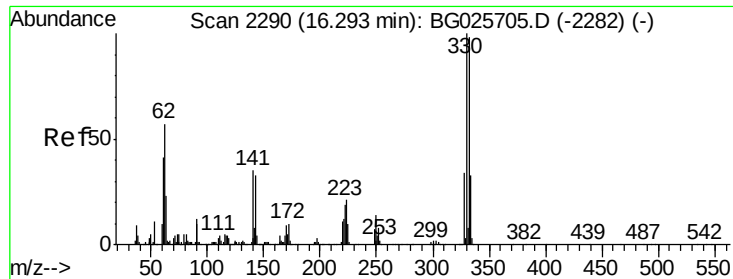
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BG025810.D
Acq: 6 Feb 2017 20:05

Tgt Ion:164 Resp: 246991
Ion Ratio Lower Upper
164 100
162 102.6 85.1 127.7
160 41.7 34.7 52.1



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

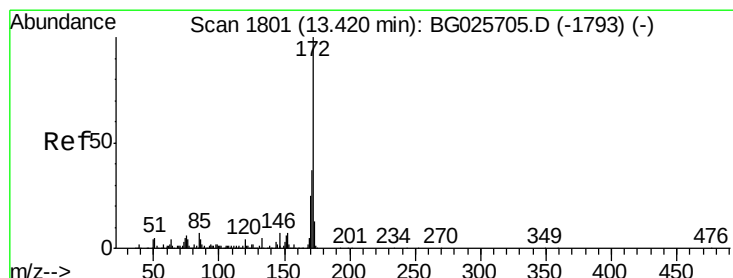
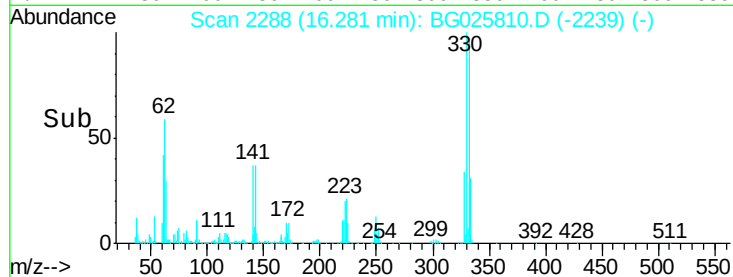
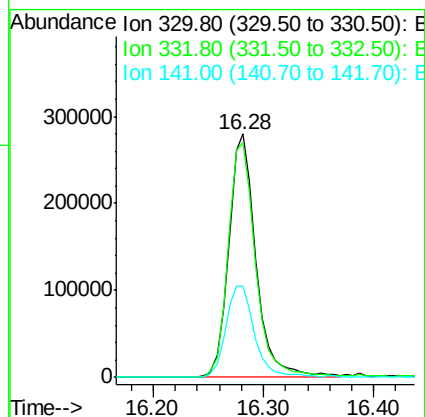
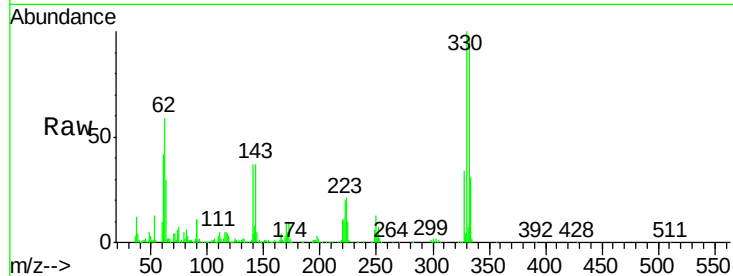




#41
 2,4,6-Tribromophenol
 Concen: 137.10 ng
 RT: 16.28 min Scan# 2288
 Delta R.T. -0.01 min
 Lab File: BG025810.D
 Acq: 6 Feb 2017 20:05

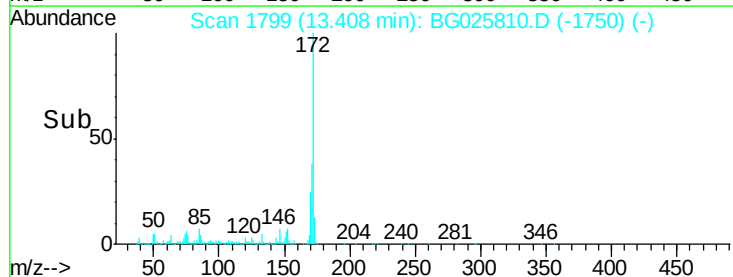
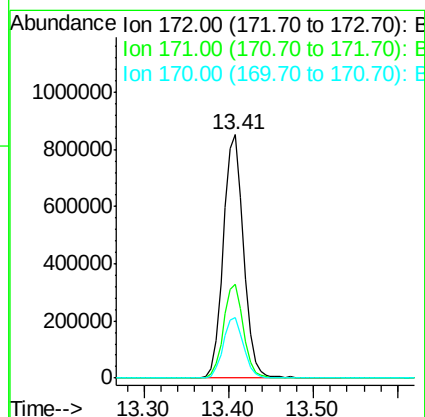
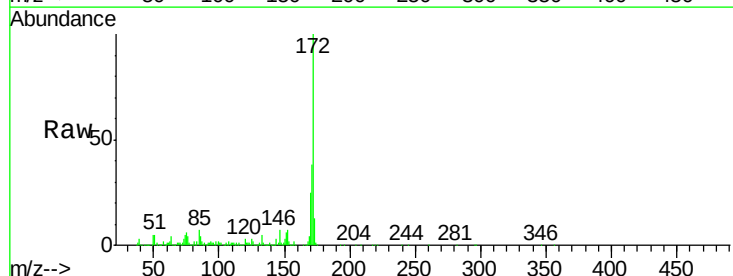
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 ClientSampleId :
 MH-6-COMP

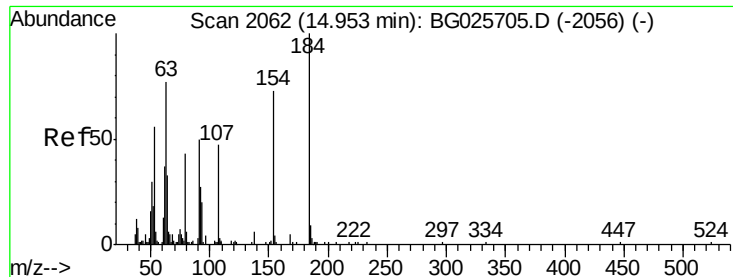
Tgt Ion:330 Resp: 482916
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.3 115.9
 141 38.8 32.1 48.1



#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

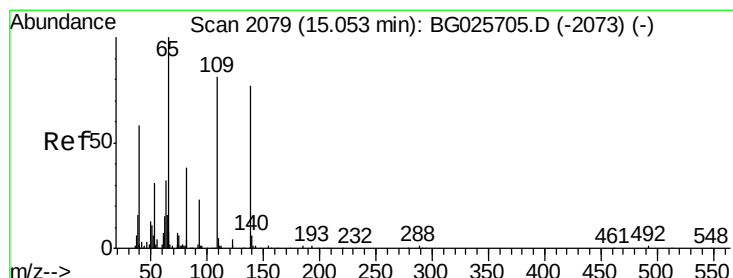
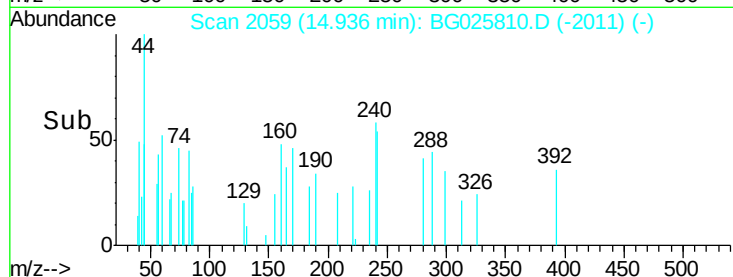
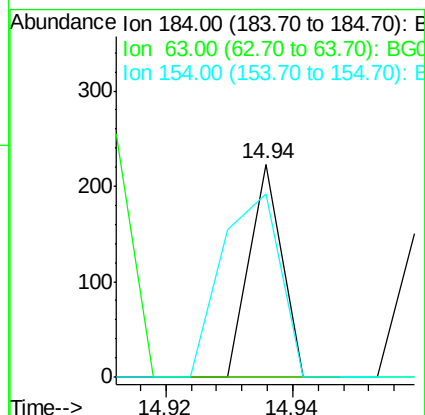
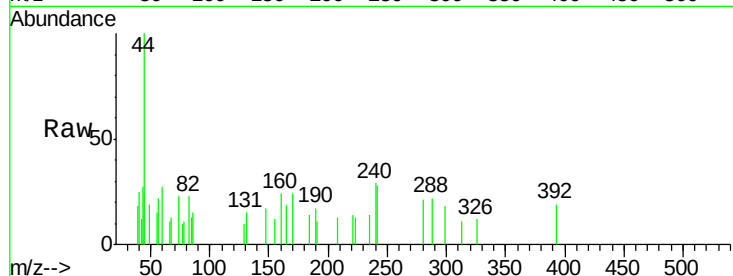




#53
2,4-Dinitrophenol
Concen: 9.47 ng
RT: 14.94 min Scan# 2059
Delta R.T. -0.02 min
Lab File: BG025810.D
Acq: 6 Feb 2017 20:05

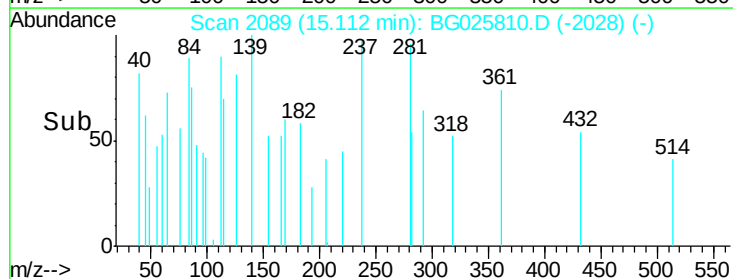
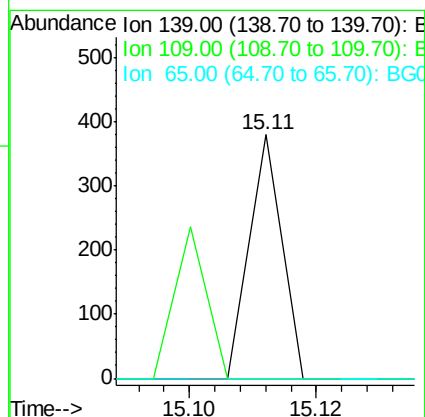
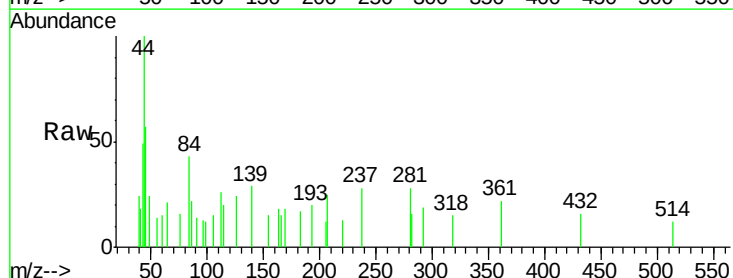
Instrument :
BNA_G
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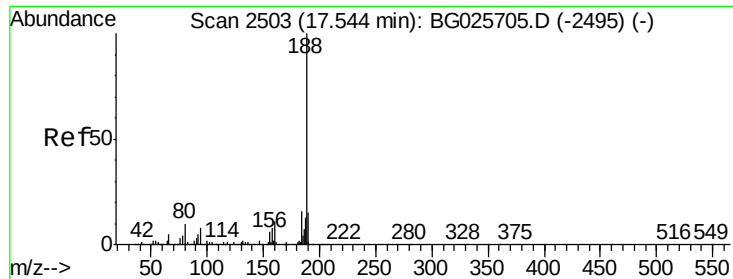
Tgt Ion:184 Resp: 79
Ion Ratio Lower Upper
184 100
63 0.0 52.7 79.1#
154 86.1 57.3 85.9#



#55
4-Nitrophenol
Concen: 5.62 ng
RT: 15.11 min Scan# 2089
Delta R.T. 0.06 min
Lab File: BG025810.D
Acq: 6 Feb 2017 20:05

Tgt Ion:139 Resp: 134
Ion Ratio Lower Upper
139 100
109 0.0 101.2 141.2#
65 0.0 135.3 175.3#





#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

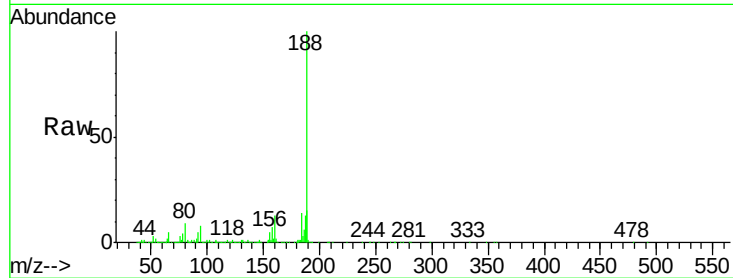
Tgt Ion:188 Resp: 550160

Ion Ratio Lower Upper

188 100

94 8.0 5.8 8.8

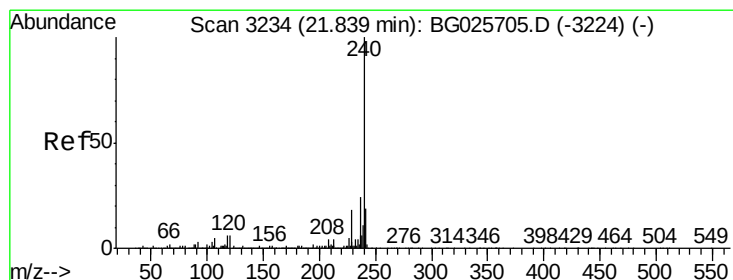
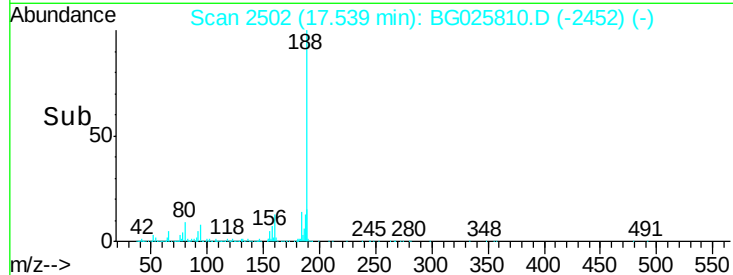
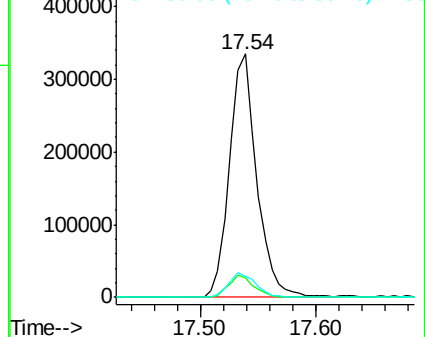
80 8.7 7.5 11.3



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

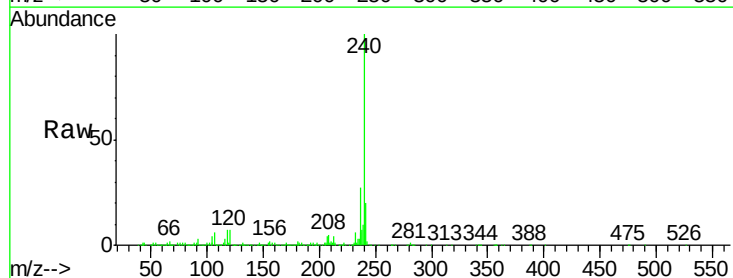
Tgt Ion:240 Resp: 703639

Ion Ratio Lower Upper

240 100

120 7.4 5.7 8.5

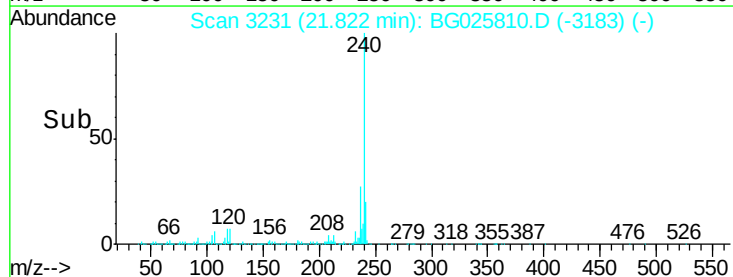
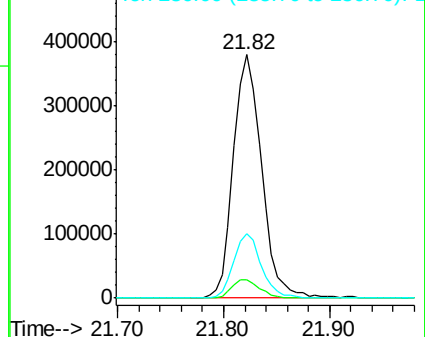
236 26.7 22.2 33.4

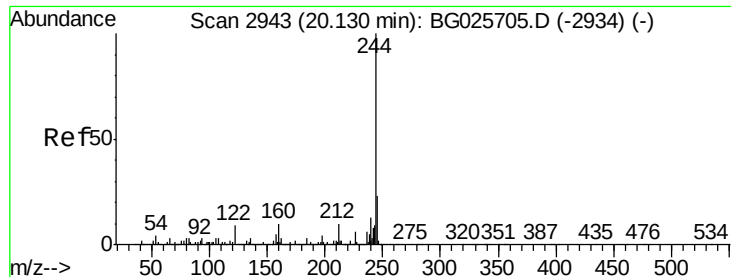


Abundance Ion 240.00 (239.70 to 240.70): E

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 :

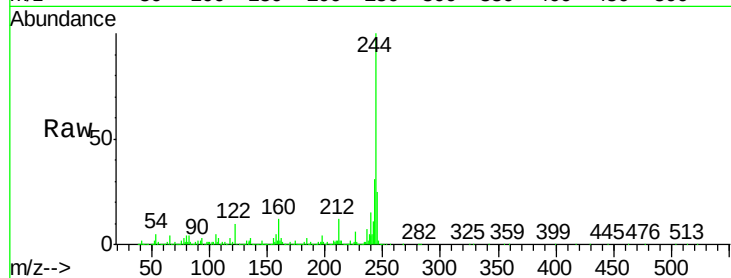
BNA_G

ClientSampleId :

MH-6-COMP

Tgt Ion:244 Resp: 2652406

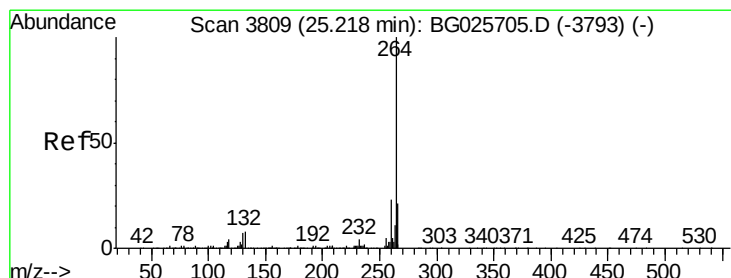
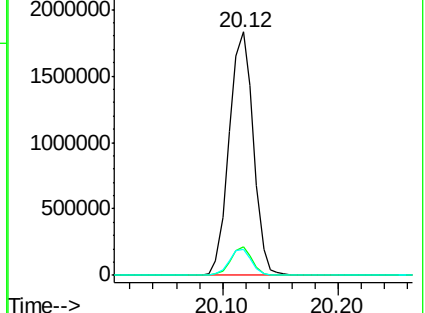
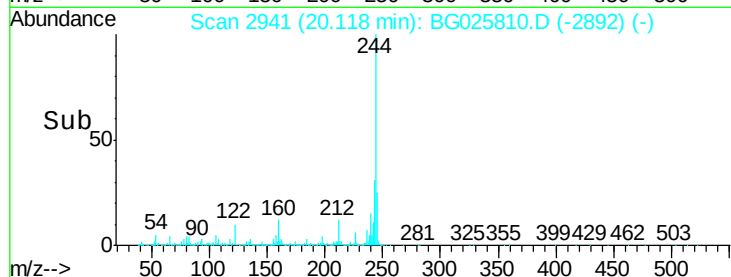
Ion	Ratio	Lower	Upper
244	100		
212	11.7	10.0	15.0
122	10.5	8.6	12.8



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

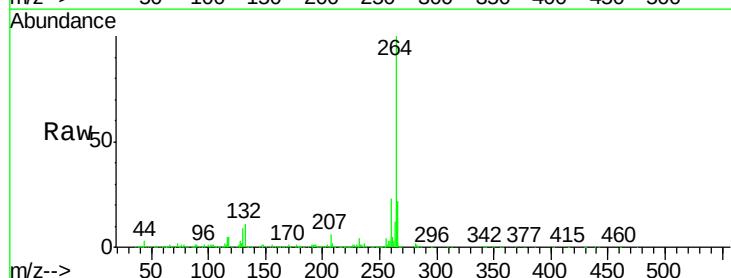
Delta R.T. -0.03 min

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

