

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020317\
 Data File : BG025768.D
 Acq On : 2 Feb 2017 21:37
 Operator : SJ/MA
 Sample : PB96675BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB96675BL

Quant Time: Feb 03 00:51:44 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

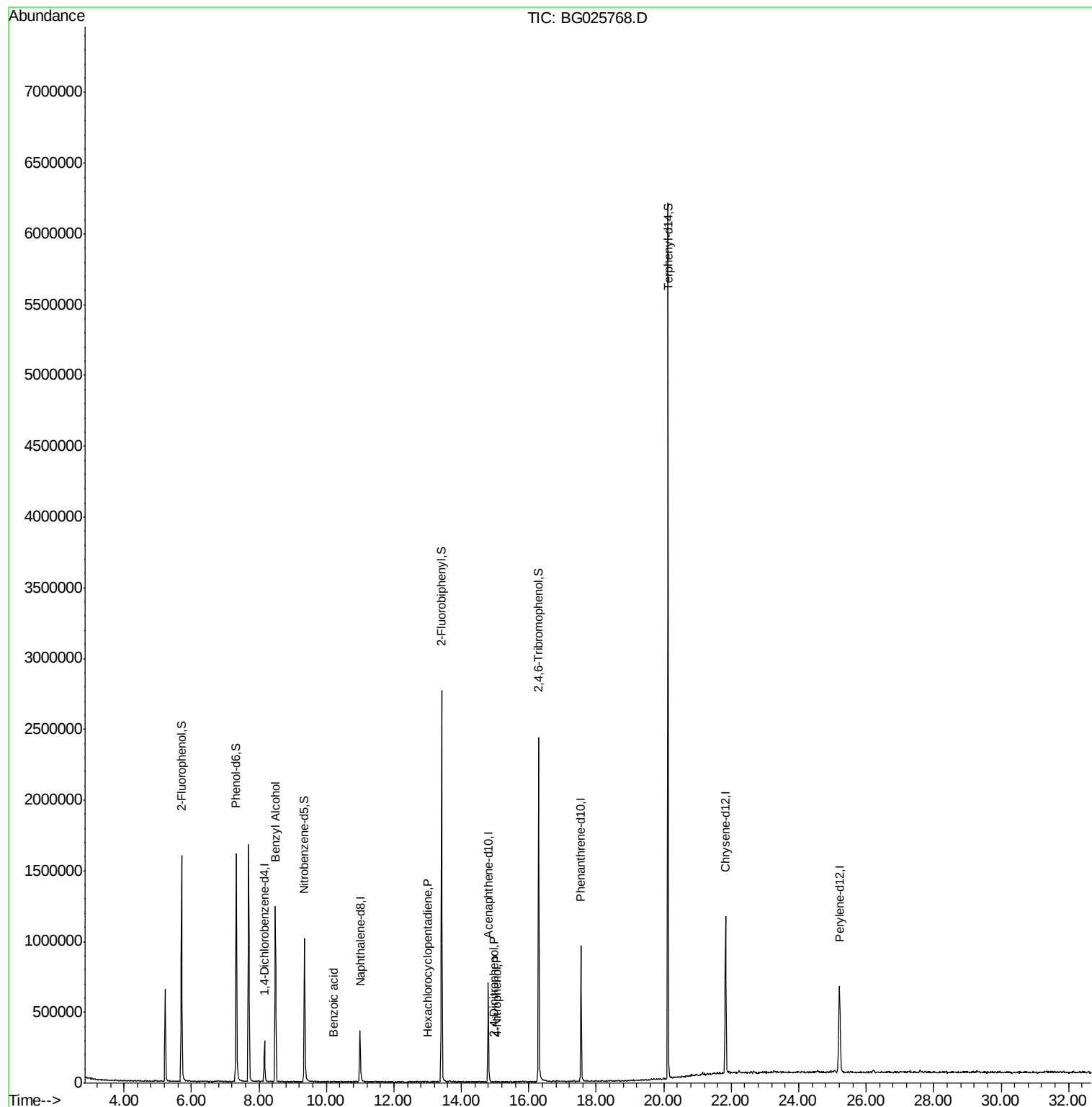
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	76830	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	332962	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	263473	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	605748	20.00	ng	0.00
75) Chrysene-d12	21.83	240	743209	20.00	ng	0.00
86) Perylene-d12	25.21	264	739118	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	653839	152.52	ng	0.00
7) Phenol-d6	7.32	99	941723	150.41	ng	0.00
23) Nitrobenzene-d5	9.35	82	668285	84.80	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	473679	126.06	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1403605	86.52	ng	0.00
78) Terphenyl-d14	20.13	244	2433004	79.02	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.49	79	12976	2.40	ng	# 33
32) Benzoic acid	10.23	122	56	7.90	ng	# 1
40) Hexachlorocyclopentadiene	12.99	237	77	10.70	ng	# 29
53) 2,4-Dinitrophenol	14.96	184	80	9.47	ng	# 15
55) 4-Nitrophenol	15.04	139	69	5.60	ng	# 1

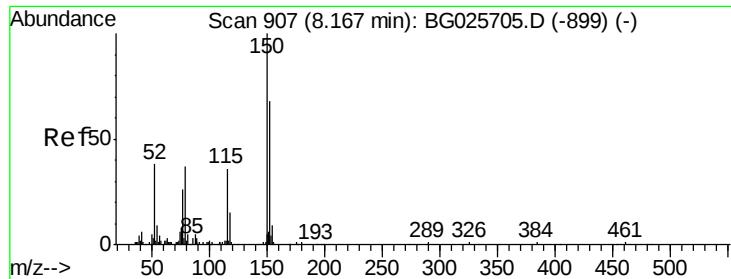
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.00 min

Lab File: BG025768.D

Acq: 2 Feb 2017 21:37

Instrument :

BNA_G

ClientSampleId :

PB96675BL

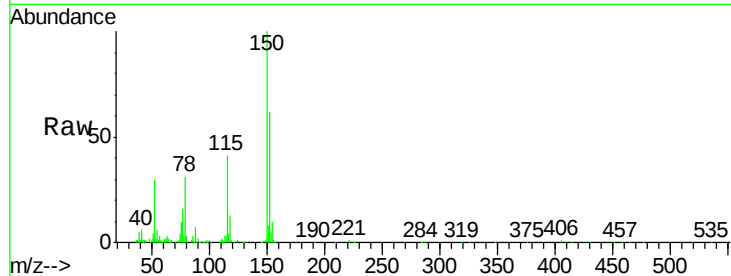
Tgt Ion:152 Resp: 76830

Ion Ratio Lower Upper

152 100

150 162.1 114.0 171.0

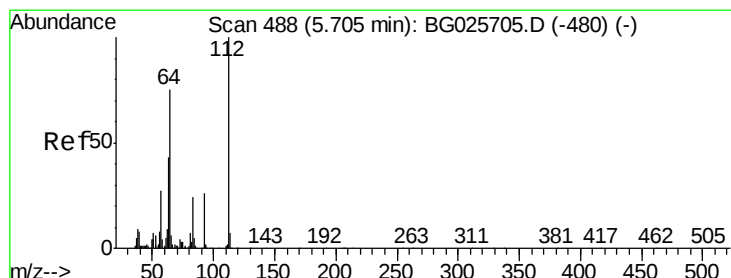
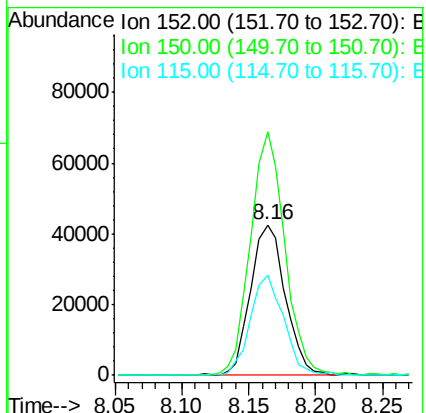
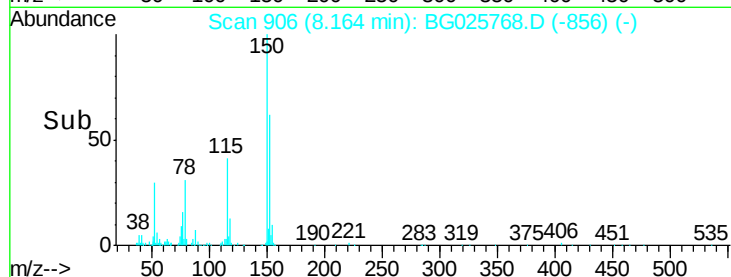
115 66.4 48.1 72.1



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: 152.52 ng

RT: 5.70 min Scan# 487

Delta R.T. -0.00 min

Lab File: BG025768.D

Acq: 2 Feb 2017 21:37

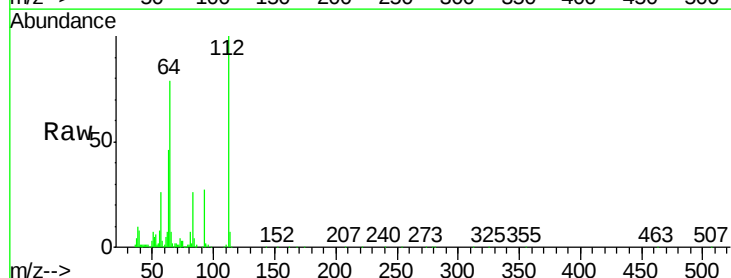
Tgt Ion:112 Resp: 653839

Ion Ratio Lower Upper

112 100

64 78.5 61.8 92.6

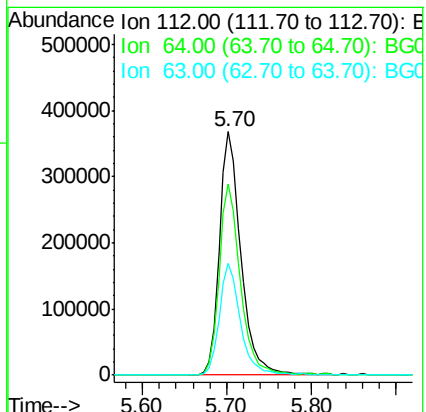
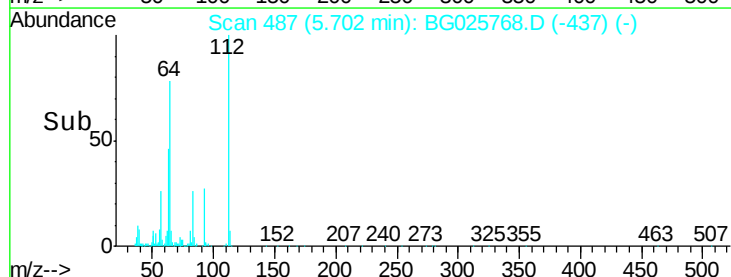
63 45.7 37.2 55.8

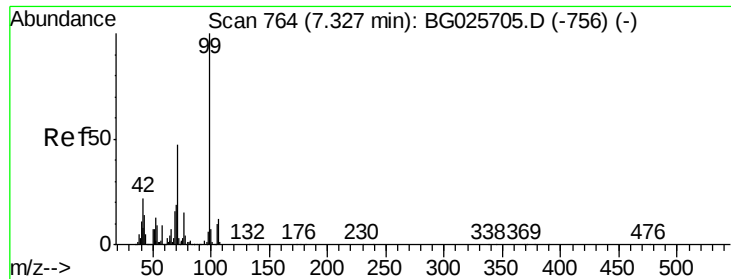


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 150.41 ng

RT: 7.32 min Scan# 763

Delta R.T. -0.00 min

Lab File: BG025768.D

Acq: 2 Feb 2017 21:37

Instrument :

BNA_G

ClientSampleId :

PB96675BL

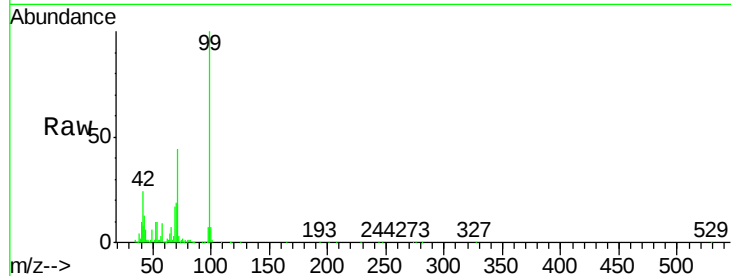
Tgt Ion: 99 Resp: 941723

Ion Ratio Lower Upper

99 100

42 24.4 20.5 30.7

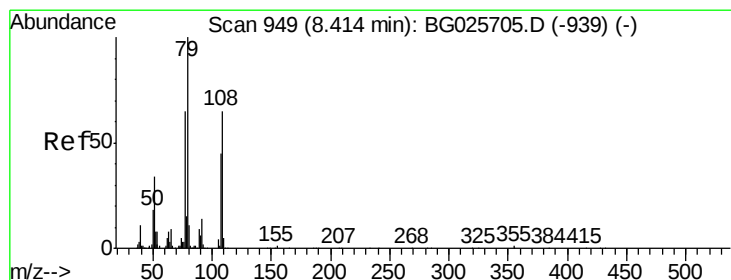
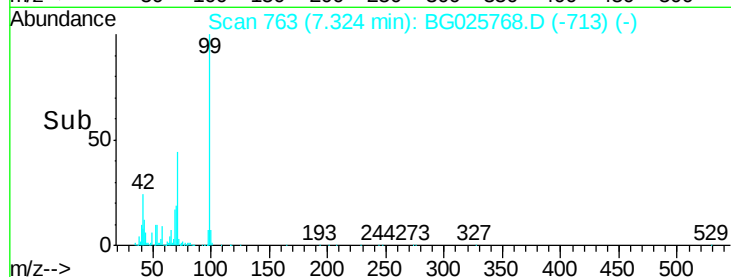
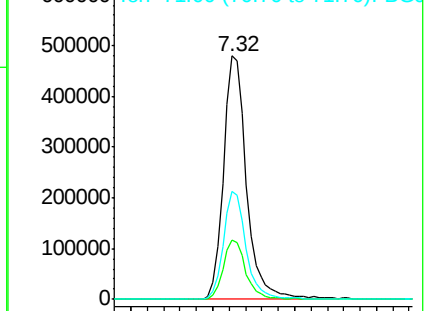
71 44.1 37.6 56.4



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



#15

Benzyl Alcohol

Concen: 2.40 ng

RT: 8.49 min Scan# 962

Delta R.T. 0.08 min

Lab File: BG025768.D

Acq: 2 Feb 2017 21:37

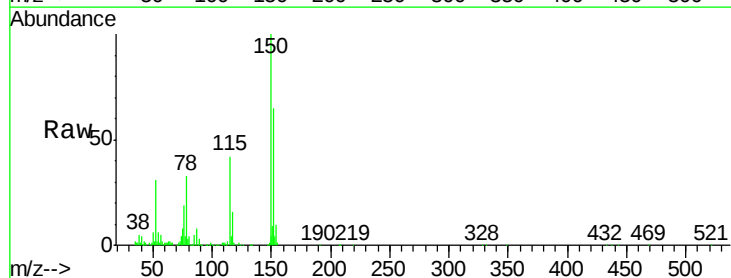
Tgt Ion: 79 Resp: 12976

Ion Ratio Lower Upper

79 100

108 18.7 45.5 68.3#

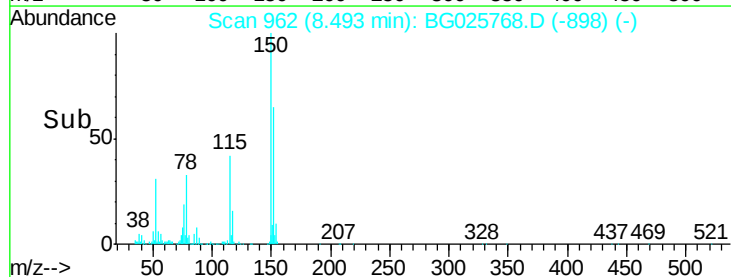
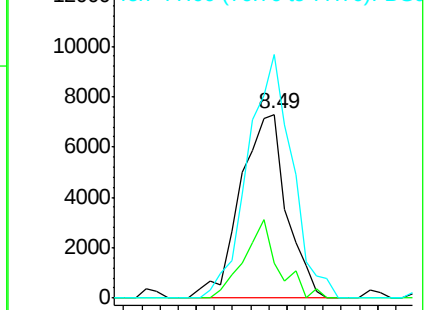
77 132.7 54.3 81.5#

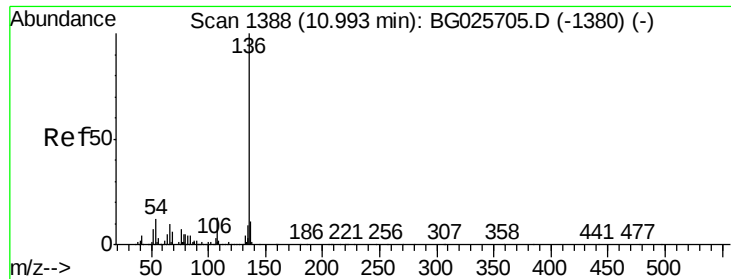


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

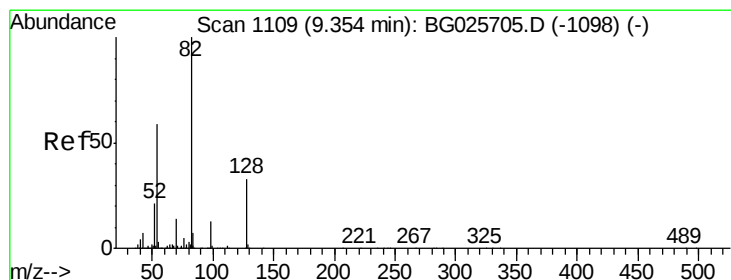
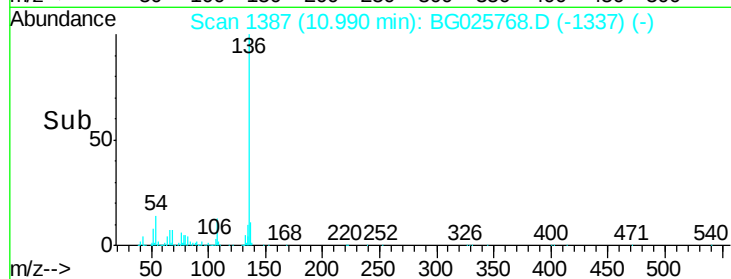
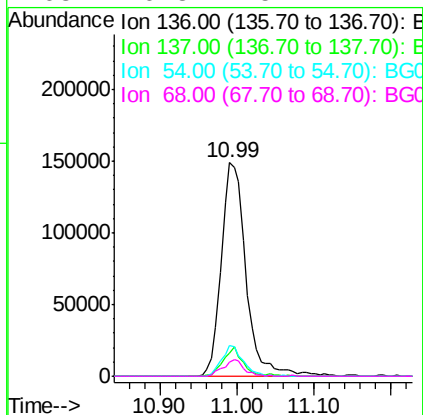
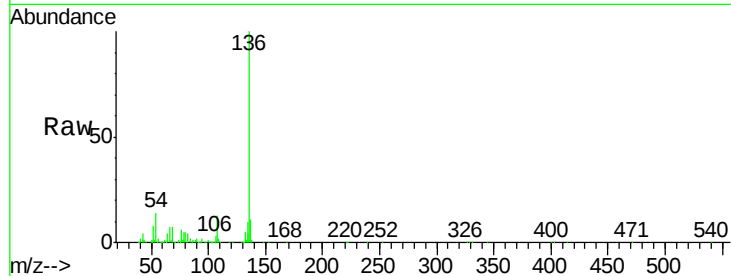




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BG025768.D
Acq: 2 Feb 2017 21:37

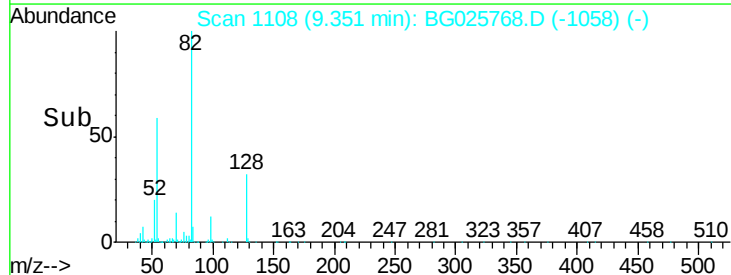
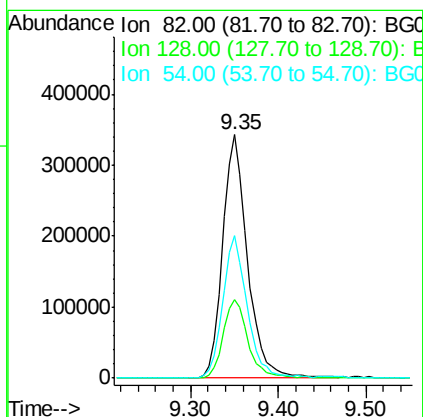
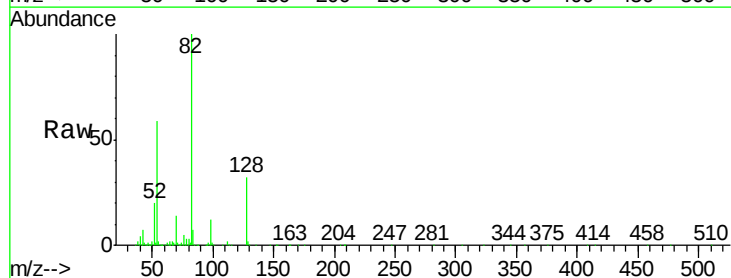
Instrument :
BNA_G
ClientSampleId :
PB96675BL

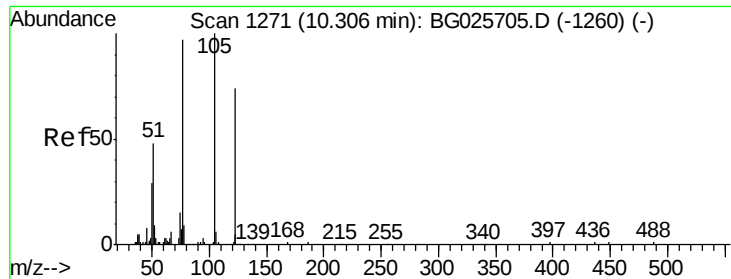
Tgt Ion:	136	Resp:	332962
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	14.4	9.3	13.9#
68	6.8	5.1	7.7



#23
Nitrobenzene-d5
Concen: 84.80 ng
RT: 9.35 min Scan# 1108
Delta R.T. -0.00 min
Lab File: BG025768.D
Acq: 2 Feb 2017 21:37

Tgt Ion:	82	Resp:	668285
Ion	Ratio	Lower	Upper
82	100		
128	32.1	26.4	39.6
54	58.6	49.4	74.2





#32

Benzoic acid

Concen: 7.90 ng

RT: 10.23 min Scan# 1257

Delta R.T. -0.08 min

Lab File: BG025768.D

Acq: 2 Feb 2017 21:37

Instrument :

BNA_G

ClientSampleId :

PB96675BL

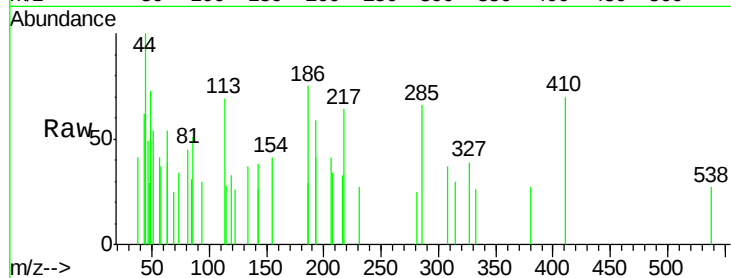
Tgt Ion:122 Resp: 56

Ion Ratio Lower Upper

122 100

105 0.0 120.1 160.1#

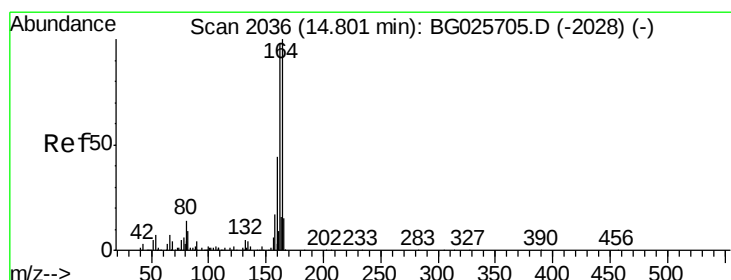
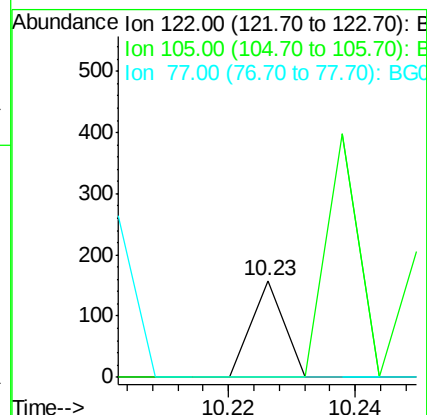
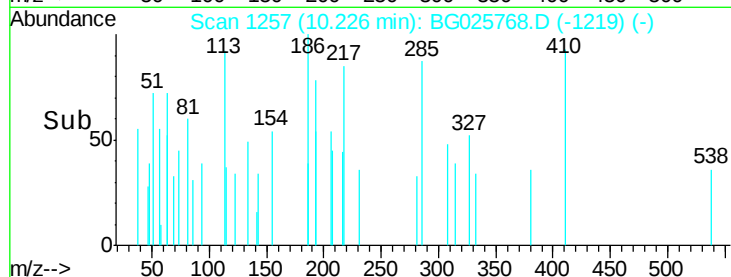
77 0.0 104.6 144.6#



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): B



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG025768.D

Acq: 2 Feb 2017 21:37

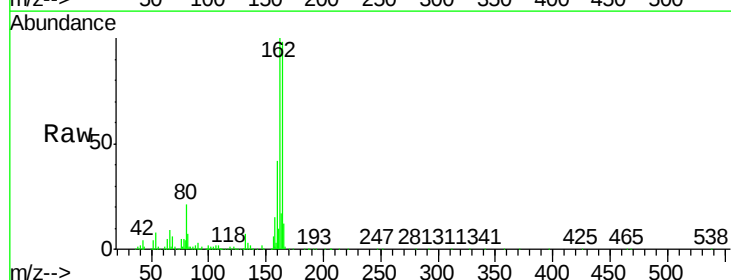
Tgt Ion:164 Resp: 263473

Ion Ratio Lower Upper

164 100

162 101.5 85.1 127.7

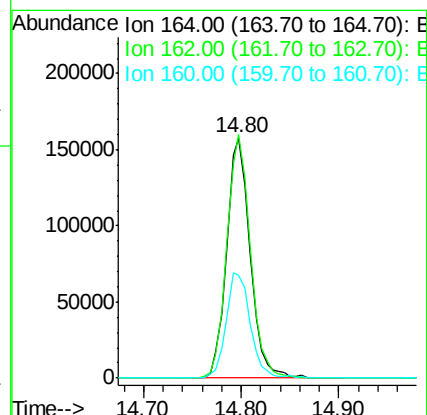
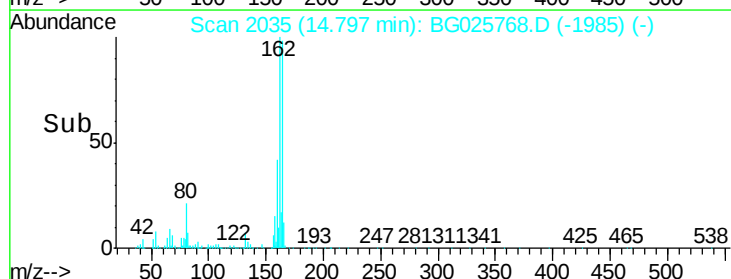
160 42.7 34.7 52.1

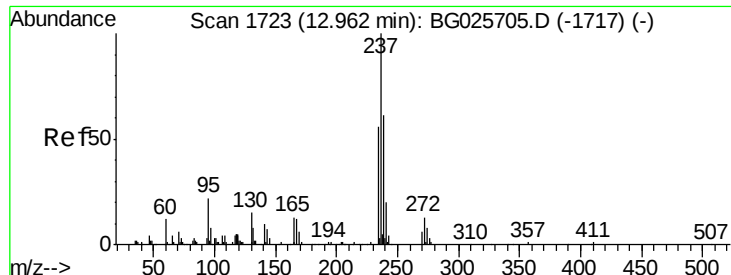


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

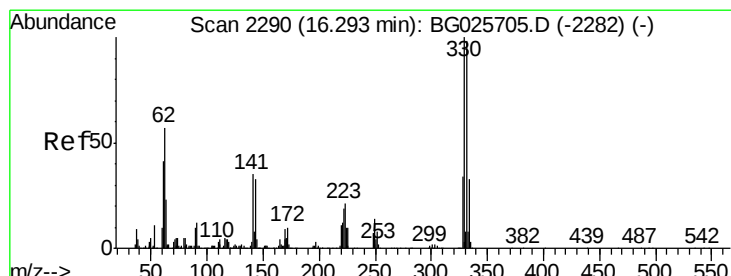
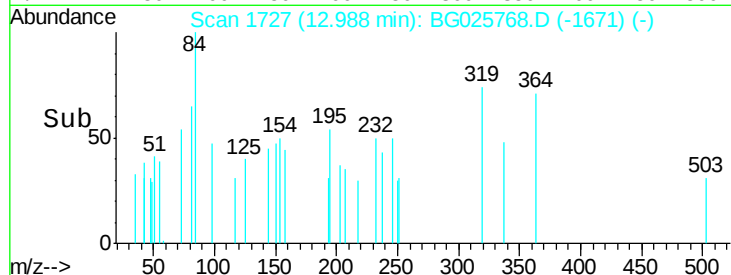
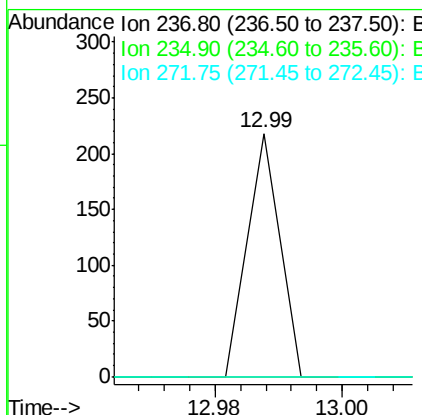
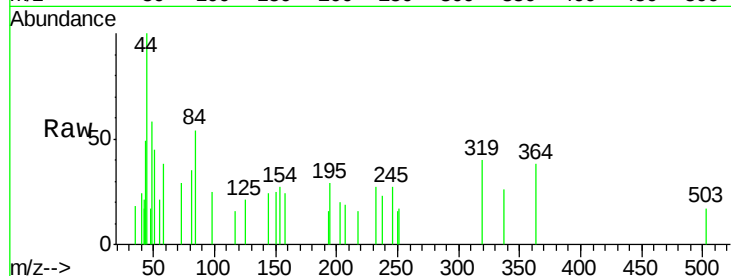




#40
Hexachlorocyclopentadiene
Concen: 10.70 ng
RT: 12.99 min Scan# 1727
Delta R.T. 0.03 min
Lab File: BG025768.D
Acq: 2 Feb 2017 21:37

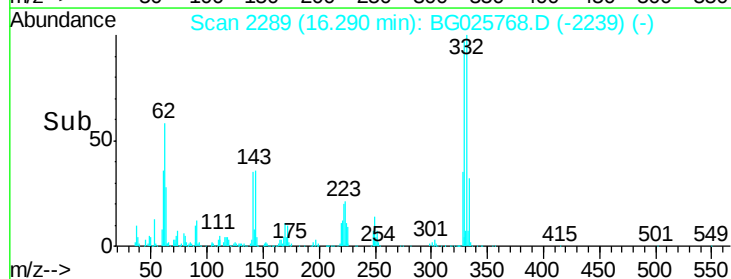
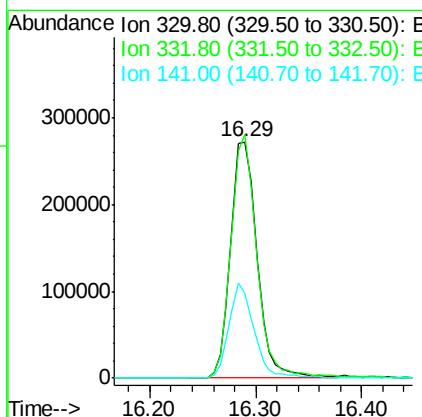
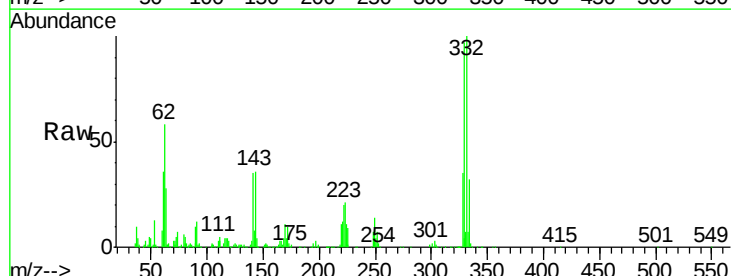
Instrument :
BNA_G
ClientSampled :
PB96675BL

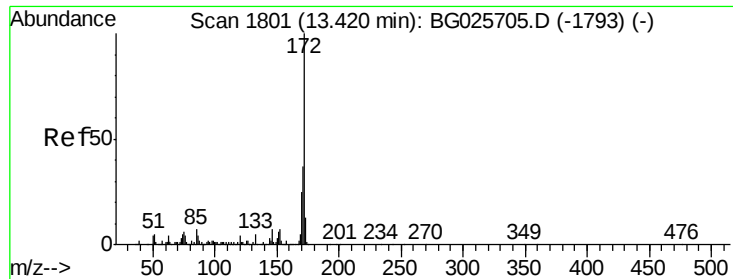
Tgt Ion	Ratio	Lower	Upper
237	100		
235	0.0	39.4	79.4#
272	0.0	0.0	32.0



#41
2,4,6-Tribromophenol
Concen: 126.06 ng
RT: 16.29 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BG025768.D
Acq: 2 Feb 2017 21:37

Tgt Ion	Ratio	Lower	Upper
330	100		
332	100.3	77.3	115.9
141	37.7	32.1	48.1

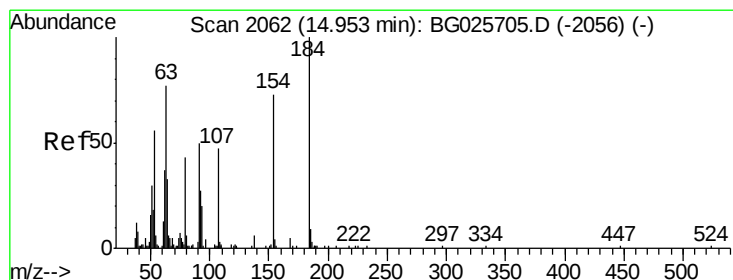
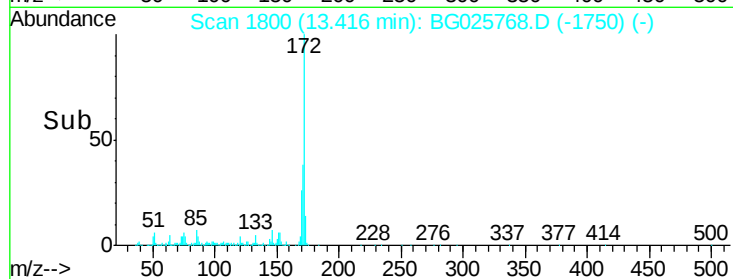
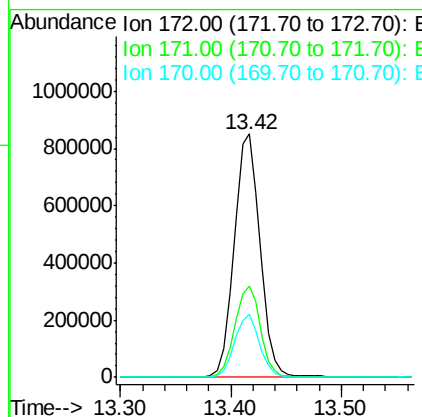
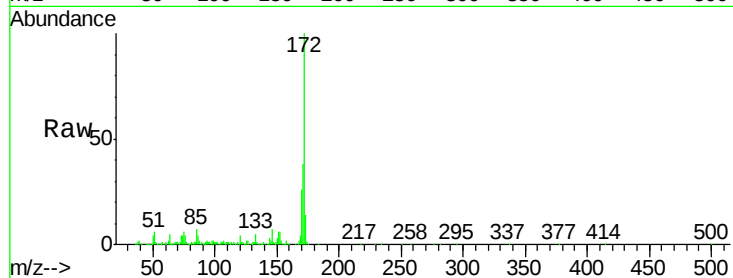




#44
 2-Fluorobiphenyl
 Concen: 86.52 ng
 RT: 13.42 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG025768.D
 Acq: 2 Feb 2017 21:37

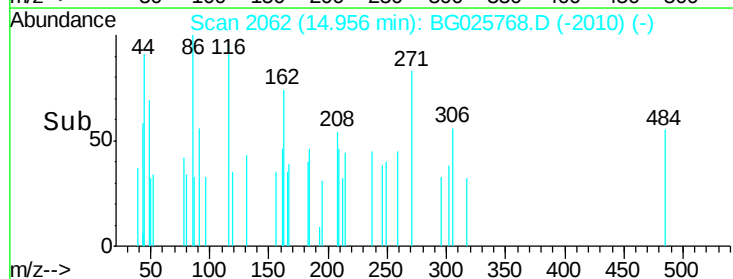
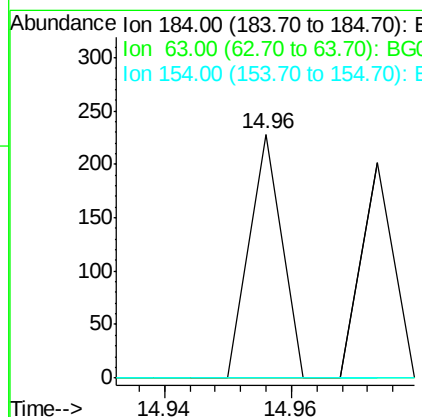
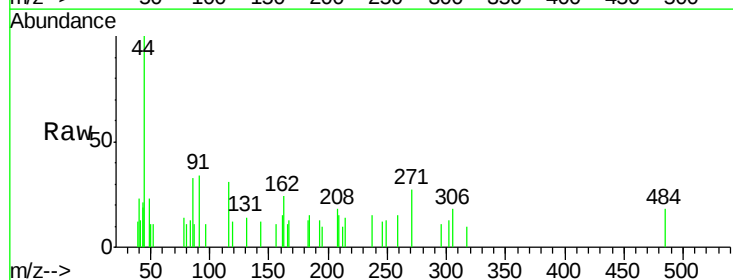
Instrument :
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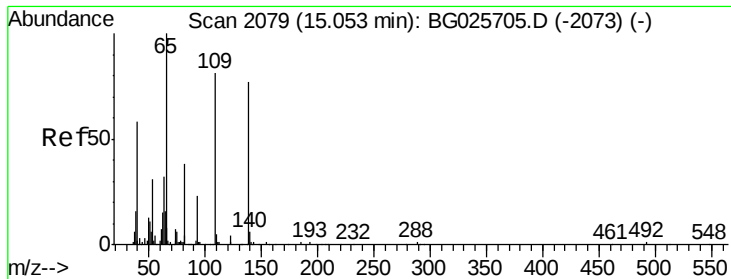
Tgt Ion:172 Resp: 1403605
 Ion Ratio Lower Upper
 172 100
 171 37.7 32.2 48.2
 170 26.0 21.8 32.6



#53
 2,4-Dinitrophenol
 Concen: 9.47 ng
 RT: 14.96 min Scan# 2062
 Delta R.T. 0.00 min
 Lab File: BG025768.D
 Acq: 2 Feb 2017 21:37

Tgt Ion:184 Resp: 80
 Ion Ratio Lower Upper
 184 100
 63 0.0 52.7 79.1#
 154 0.0 57.3 85.9#

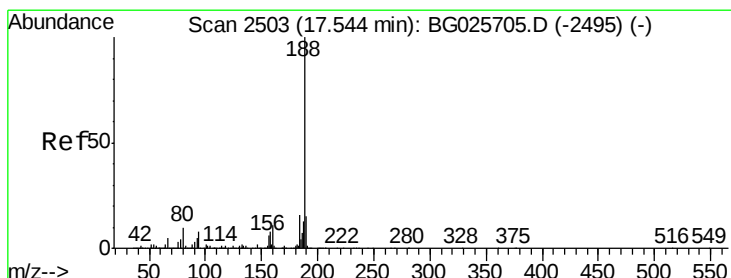
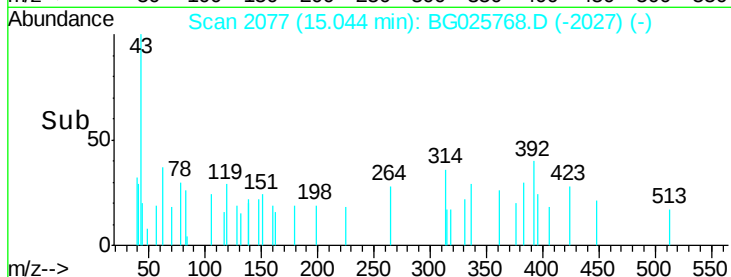
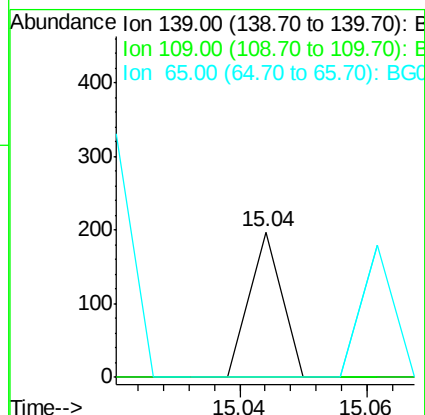
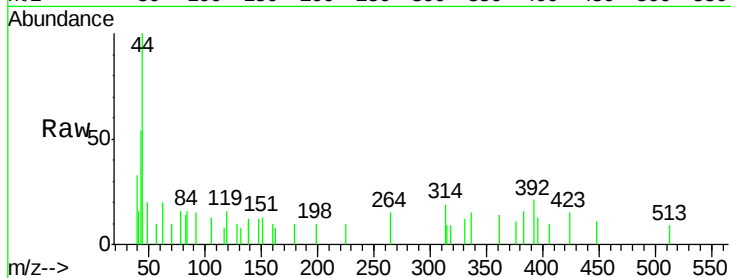




#55
4-Nitrophenol
Concen: 5.60 ng
RT: 15.04 min Scan# 2077
Delta R.T. -0.01 min
Lab File: BG025768.D
Acq: 2 Feb 2017 21:37

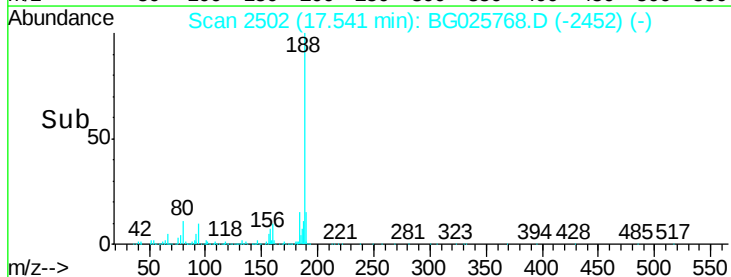
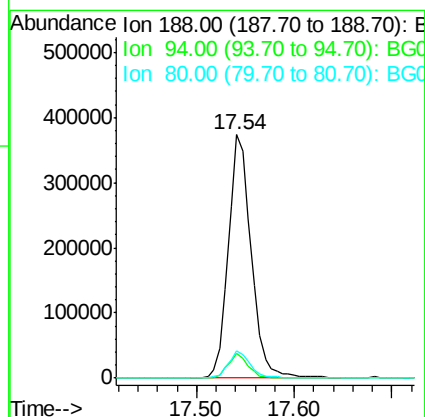
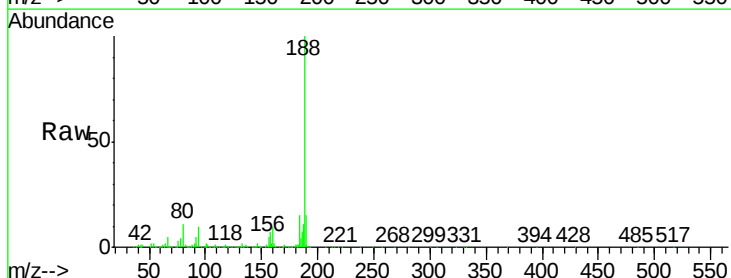
Instrument :
BNA_G
ClientSampleId :
PB96675BL

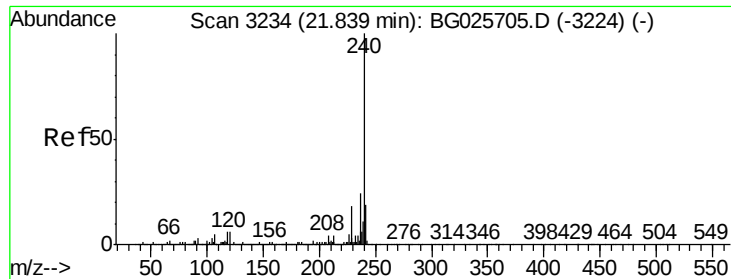
Tgt Ion:139 Resp: 69
Ion Ratio Lower Upper
139 100
109 0.0 101.2 141.2#
65 0.0 135.3 175.3#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 2502
Delta R.T. -0.00 min
Lab File: BG025768.D
Acq: 2 Feb 2017 21:37

Tgt Ion:188 Resp: 605748
Ion Ratio Lower Upper
188 100
94 10.2 5.8 8.8#
80 11.1 7.5 11.3

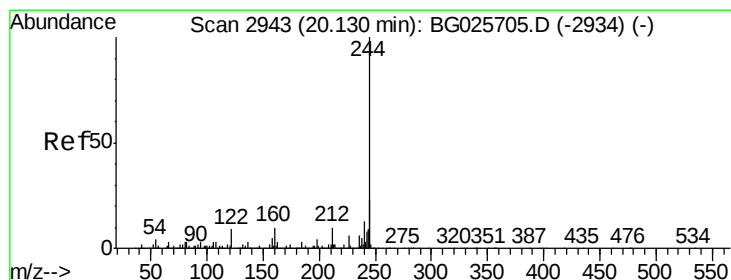
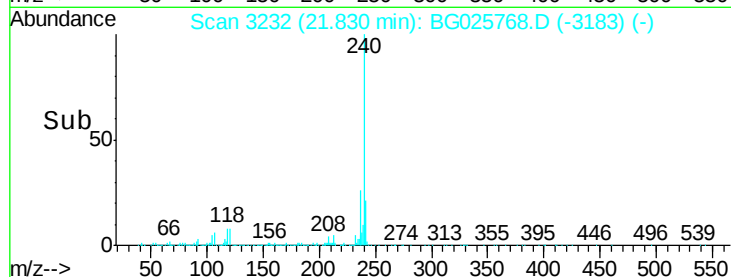
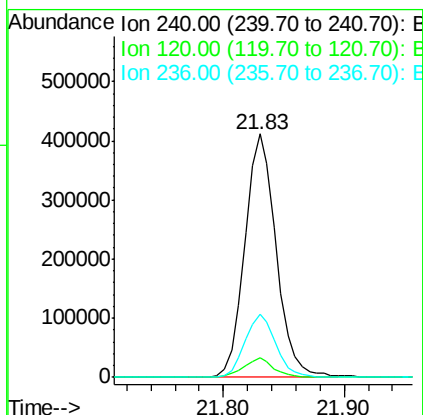
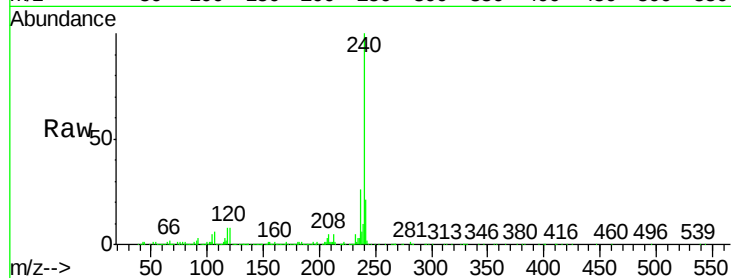




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3232
Delta R.T. -0.01 min
Lab File: BG025768.D
Acq: 2 Feb 2017 21:37

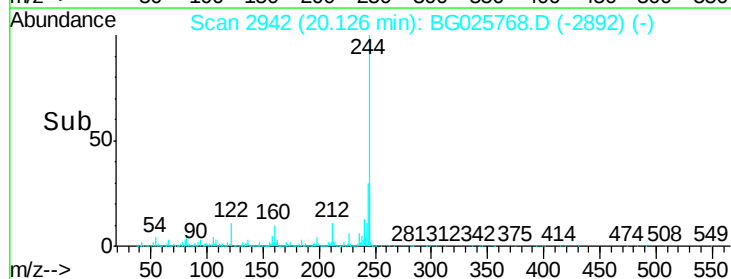
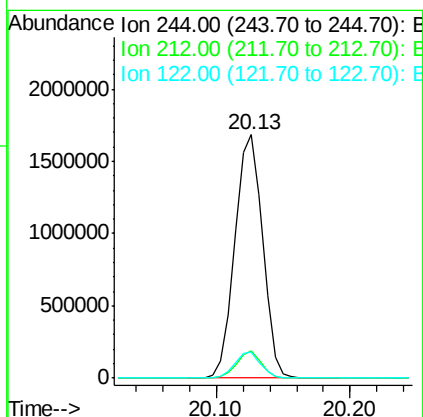
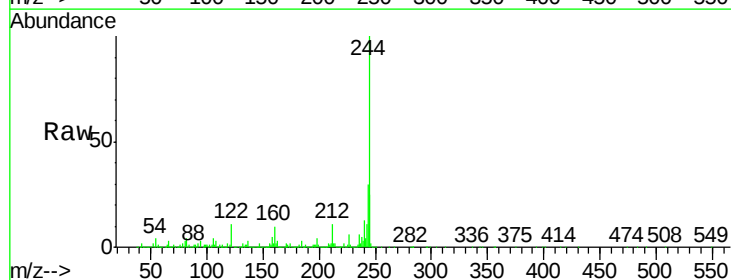
Instrument :
BNA_G
ClientSampleId :
PB96675BL

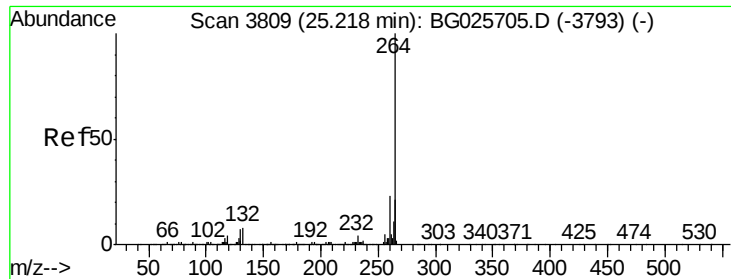
Tgt Ion:240 Resp: 743209
Ion Ratio Lower Upper
240 100
120 8.2 5.7 8.5
236 26.0 22.2 33.4



#78
Terphenyl-d14
Concen: 79.02 ng
RT: 20.13 min Scan# 2942
Delta R.T. -0.00 min
Lab File: BG025768.D
Acq: 2 Feb 2017 21:37

Tgt Ion:244 Resp: 2433004
Ion Ratio Lower Upper
244 100
212 11.0 10.0 15.0
122 10.8 8.6 12.8

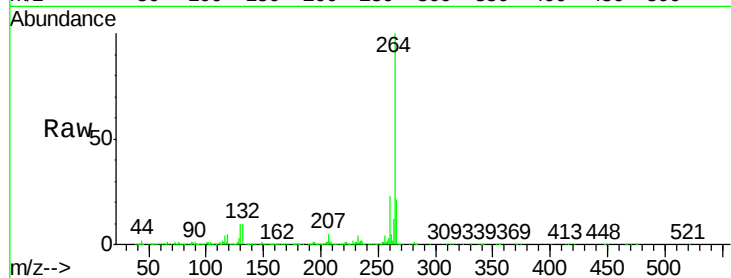




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.21 min Scan# 3807
 Delta R.T. -0.01 min
 Lab File: BG025768.D
 Acq: 2 Feb 2017 21:37

Instrument :
 BNA_G
 ClientSampleId :
 PB96675BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	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

