

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020617\
 Data File : BG025819.D
 Acq On : 7 Feb 2017 1:59
 Operator : SJ/MA
 Sample : I1697-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-B23-B24-001

Quant Time: Feb 07 03:11:50 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

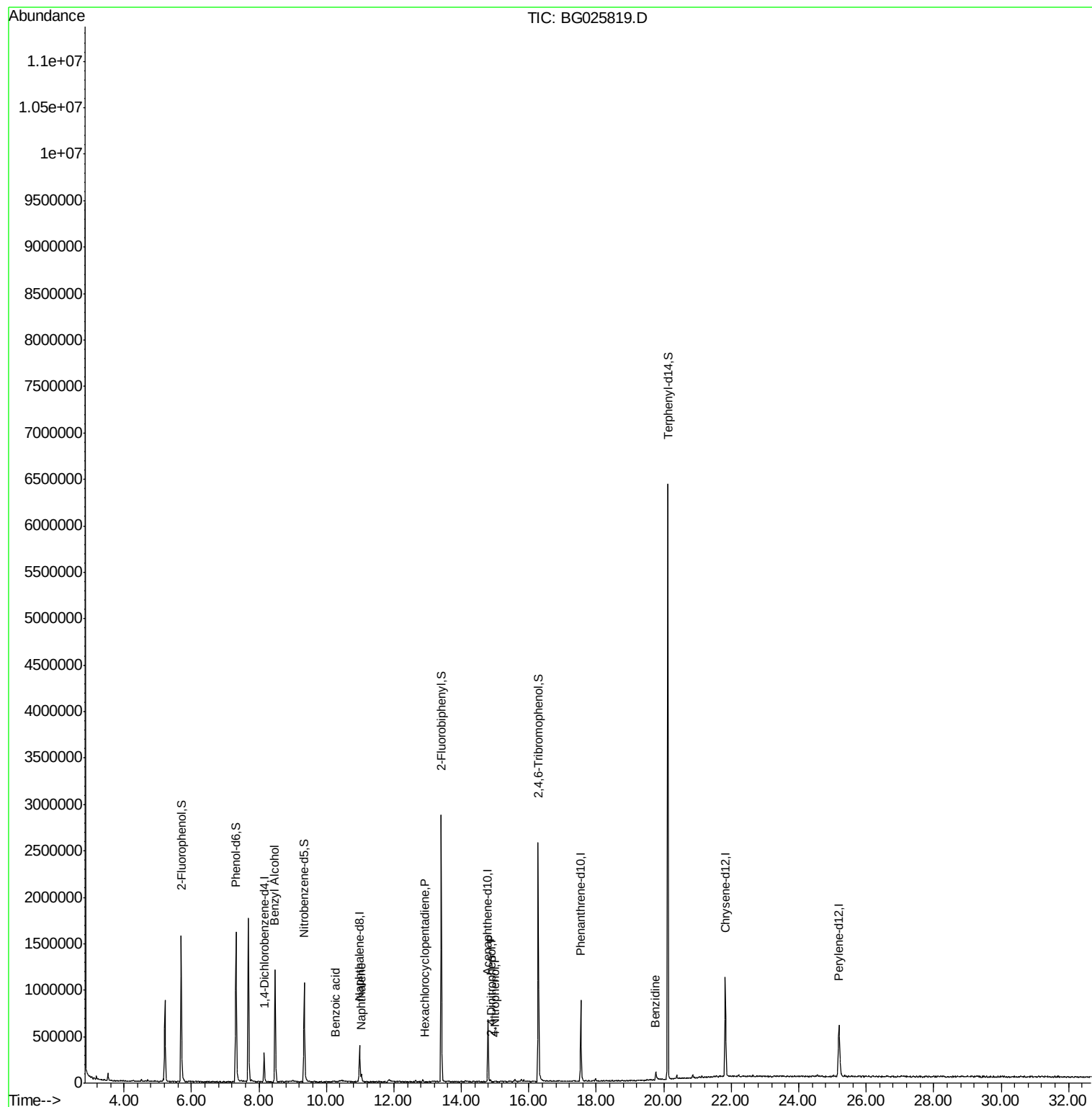
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	76632	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	312227	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	245687	20.00	ng	-0.02
63) Phenanthrene-d10	17.53	188	567475	20.00	ng	0.00
75) Chrysene-d12	21.82	240	700017	20.00	ng	-0.02
86) Perylene-d12	25.20	264	671846	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	626193	146.45	ng	0.00
7) Phenol-d6	7.32	99	875349	140.17	ng	0.00
23) Nitrobenzene-d5	9.34	82	726401	98.30	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	487098	139.02	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	1405892	92.94	ng	-0.02
78) Terphenyl-d14	20.12	244	2518284	86.83	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.47	79	13182	2.44	ng	# 69
31) Naphthalene	11.04	128	51839	3.20	ng	# 94
32) Benzoic acid	10.27	122	632	8.05	ng	# 1
40) Hexachlorocyclopentadiene	12.92	237	130	10.72	ng	# 29
53) 2,4-Dinitrophenol	14.88	184	97	9.48	ng	# 1
55) 4-Nitrophenol	15.00	139	112	5.62	ng	# 1
76) Benzydine	19.77	184	70704	2.94	ng	97

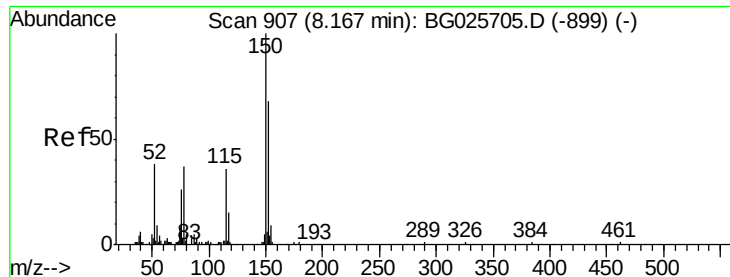
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG025819.D

Acq: 7 Feb 2017 1:59

Instrument :

BNA_G

ClientSampleId :

WC-B23-B24-001

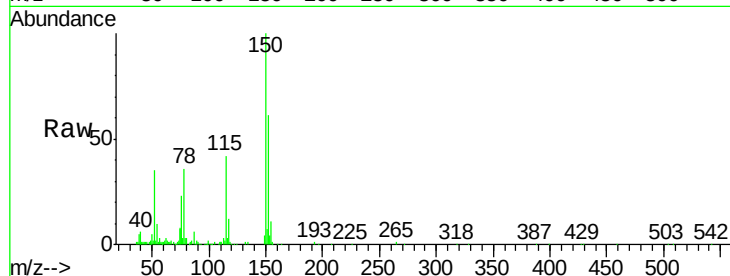
Tgt Ion:152 Resp: 76632

Ion Ratio Lower Upper

152 100

150 163.9 114.0 171.0

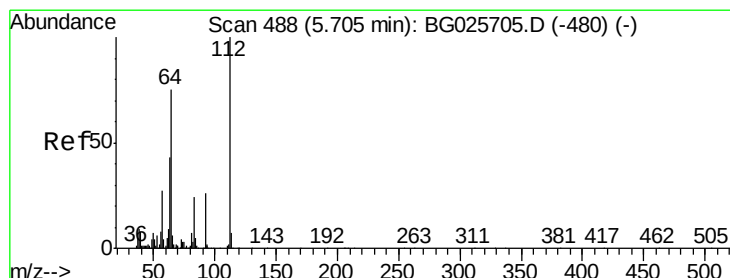
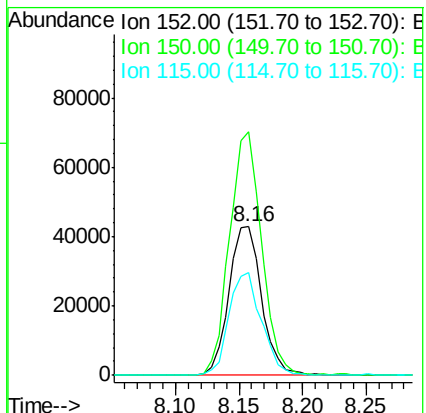
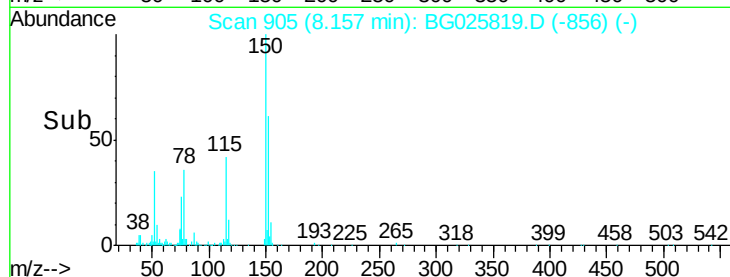
115 68.8 48.1 72.1



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: 146.45 ng

RT: 5.70 min Scan# 486

Delta R.T. -0.01 min

Lab File: BG025819.D

Acq: 7 Feb 2017 1:59

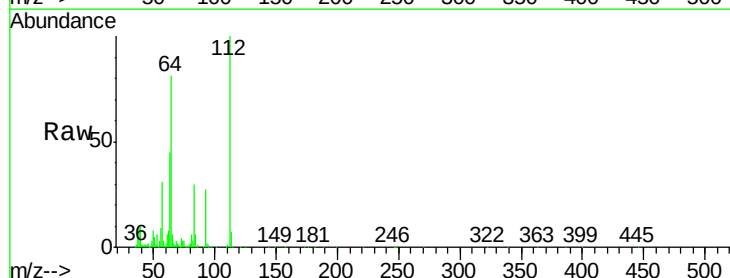
Tgt Ion:112 Resp: 626193

Ion Ratio Lower Upper

112 100

64 81.1 61.8 92.6

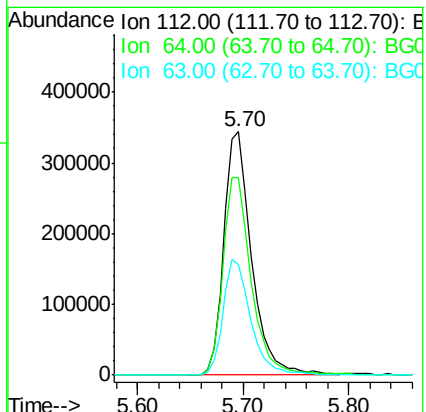
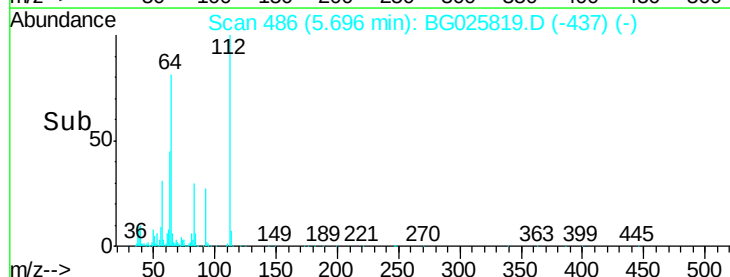
63 45.2 37.2 55.8

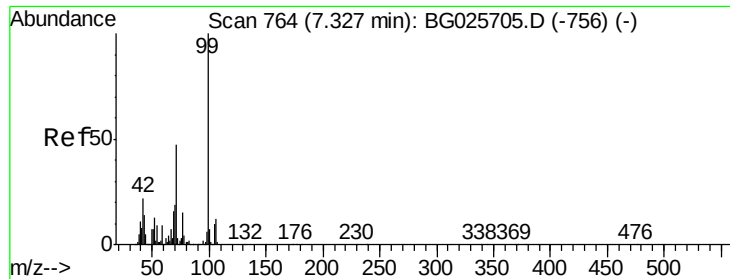


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 140.17 ng

RT: 7.32 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG025819.D

Acq: 7 Feb 2017 1:59

Instrument :

BNA_G

ClientSampleId :

WC-B23-B24-001

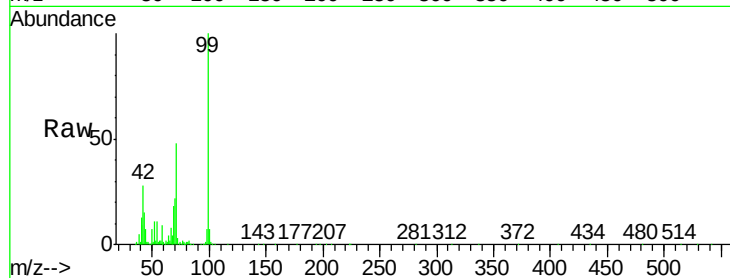
Tgt Ion: 99 Resp: 875349

Ion Ratio Lower Upper

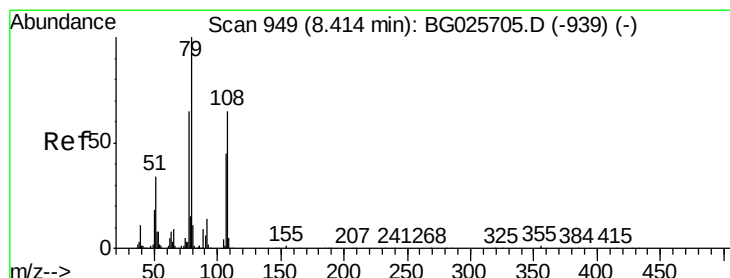
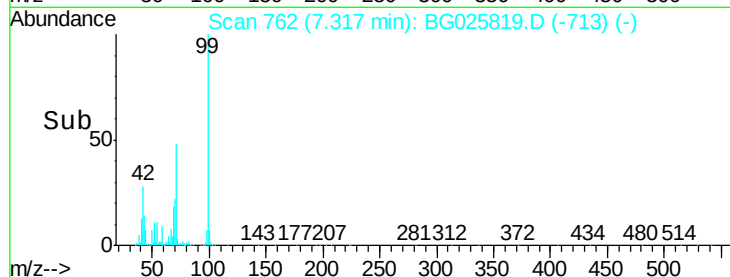
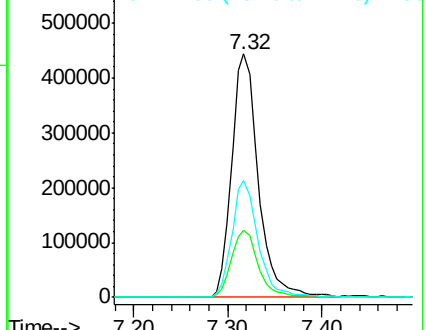
99 100

42 27.6 20.5 30.7

71 48.0 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: 2.44 ng

RT: 8.47 min Scan# 959

Delta R.T. 0.06 min

Lab File: BG025819.D

Acq: 7 Feb 2017 1:59

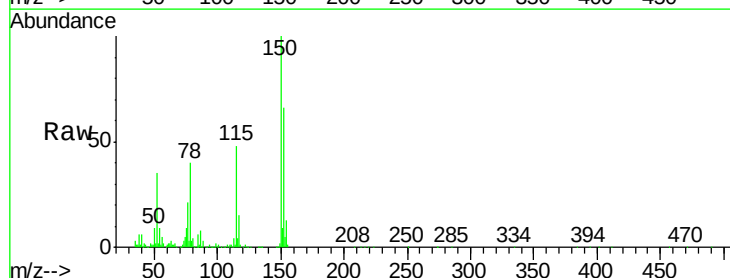
Tgt Ion: 79 Resp: 13182

Ion Ratio Lower Upper

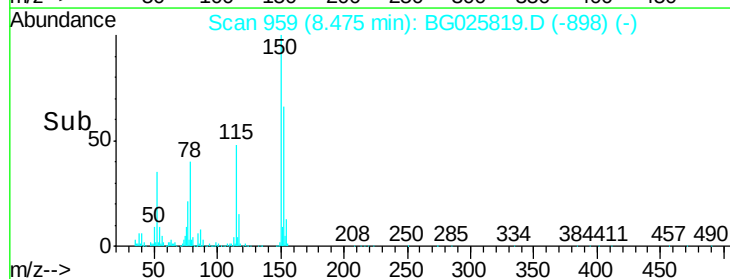
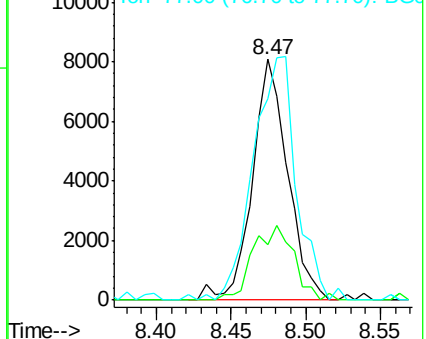
79 100

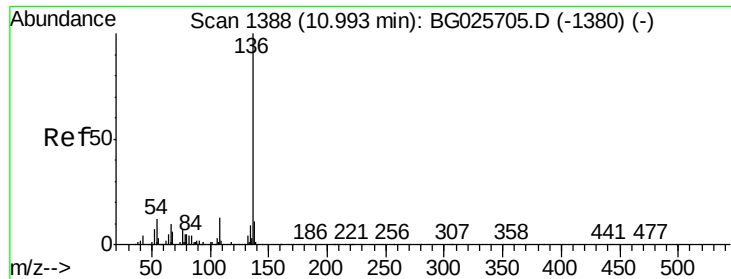
108 23.3 45.5 68.3#

77 83.5 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

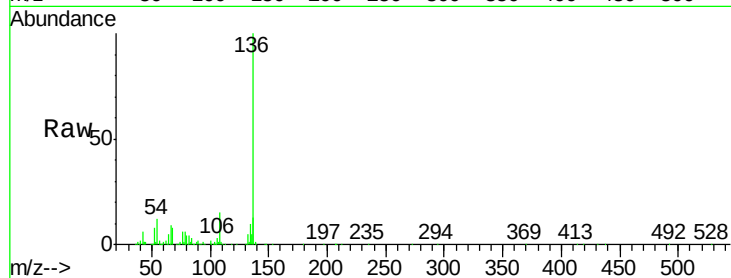




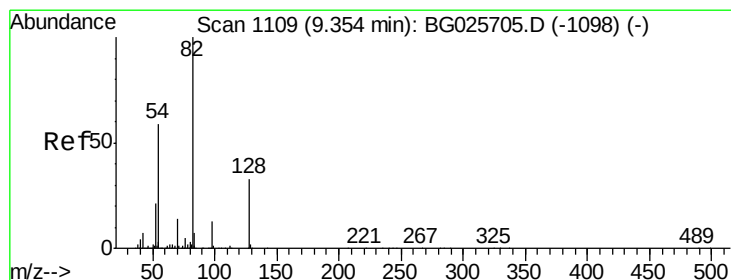
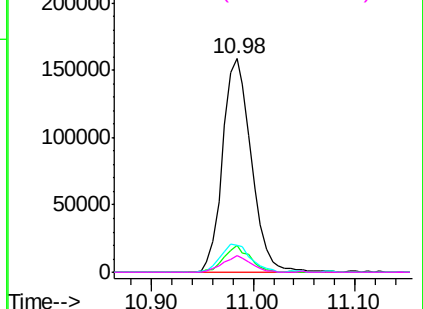
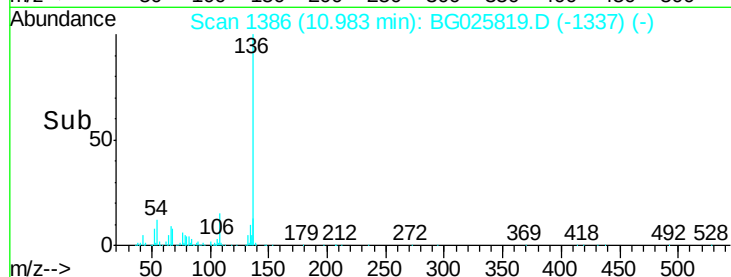
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BG025819.D
Acq: 7 Feb 2017 1:59

Instrument :
BNA_G
ClientSampleId :
WC-B23-B24-001

Tgt Ion:	136	Resp:	312227
Ion	Ratio	Lower	Upper
136	100		
137	12.7	8.9	13.3
54	12.3	9.3	13.9
68	7.6	5.1	7.7

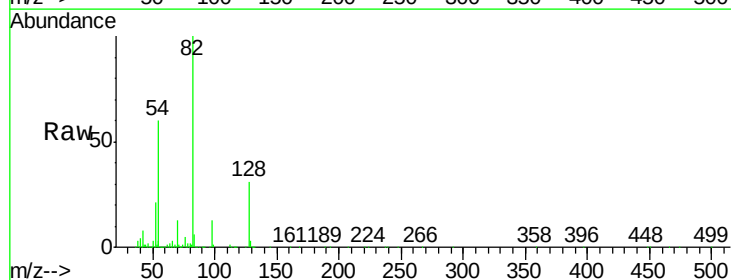


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

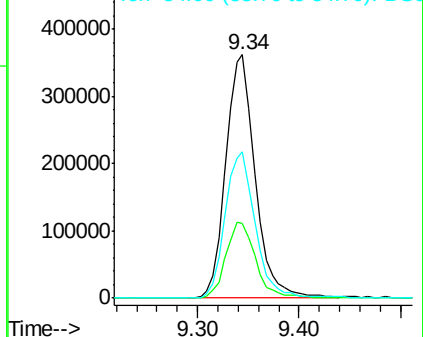
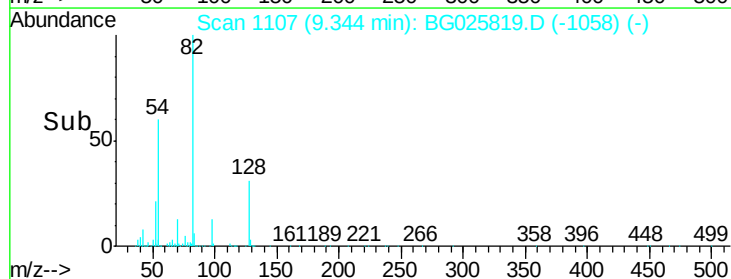


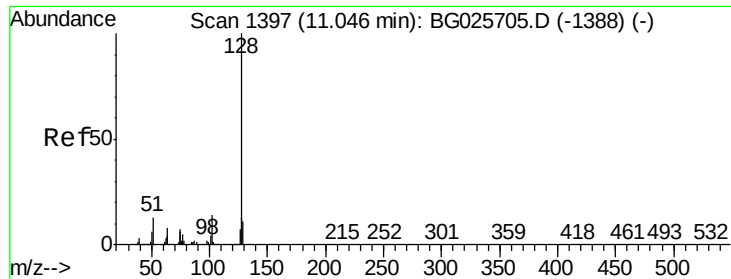
#23
Nitrobenzene-d5
Concen: 98.30 ng
RT: 9.34 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BG025819.D
Acq: 7 Feb 2017 1:59

Tgt Ion:	82	Resp:	726401
Ion	Ratio	Lower	Upper
82	100		
128	30.9	26.4	39.6
54	60.3	49.4	74.2



Abundance Ion 82.00 (81.70 to 82.70): B
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B

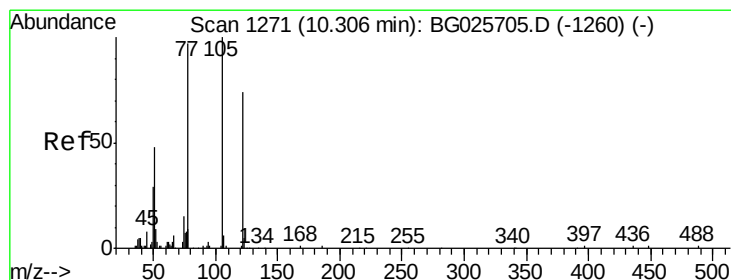
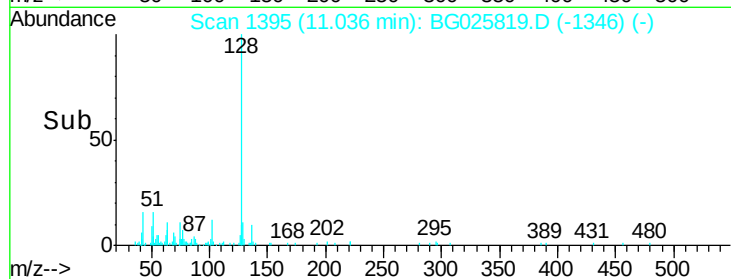
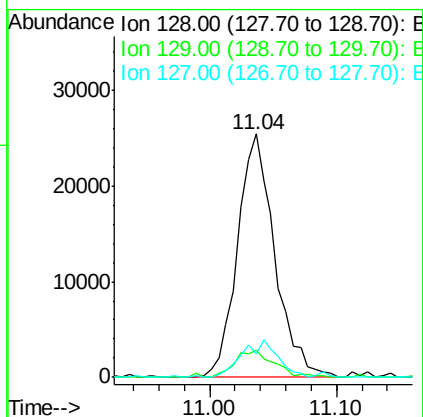
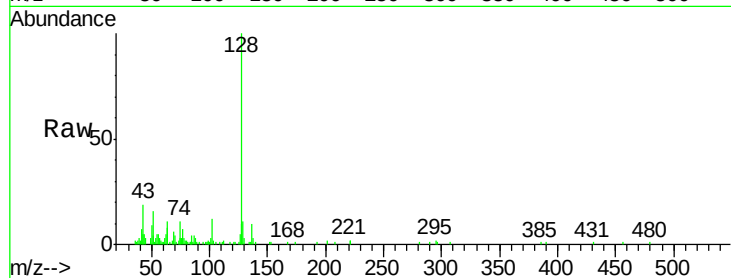




#31
Naphthalene
Concen: 3.20 ng
RT: 11.04 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BG025819.D
Acq: 7 Feb 2017 1:59

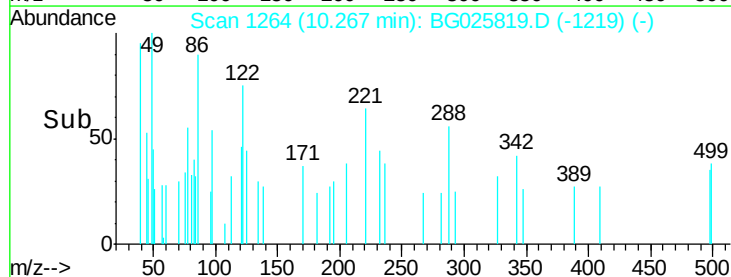
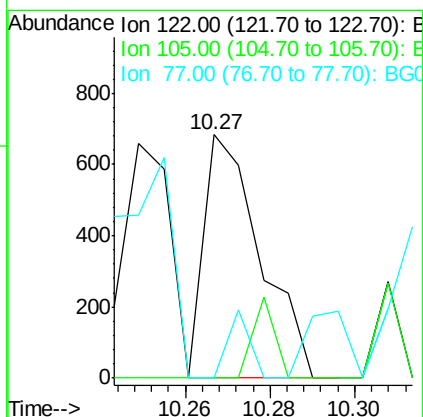
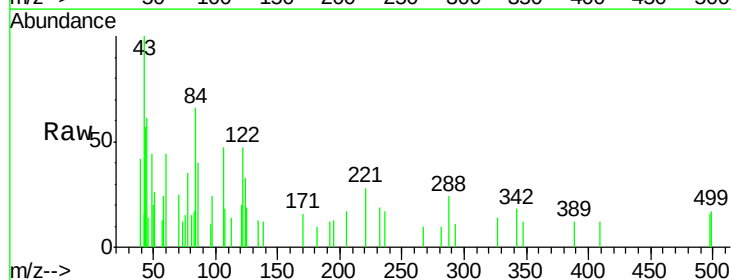
Instrument :
BNA_G
ClientSampleId :
WC-B23-B24-001

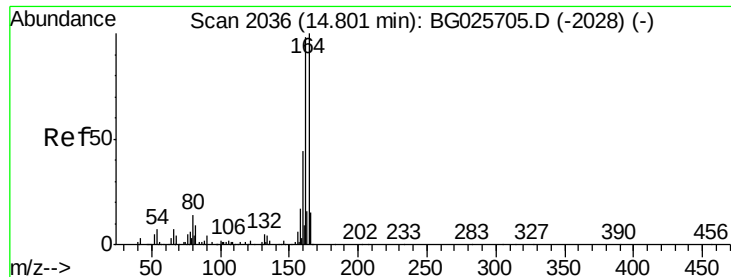
Tgt Ion:128 Resp: 51839
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 9.8 11.4 17.0#



#32
Benzoic acid
Concen: 8.05 ng
RT: 10.27 min Scan# 1264
Delta R.T. -0.04 min
Lab File: BG025819.D
Acq: 7 Feb 2017 1:59

Tgt Ion:122 Resp: 632
Ion Ratio Lower Upper
122 100
105 0.0 120.1 160.1#
77 0.0 104.6 144.6#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.78 min Scan# 2033

Delta R.T. -0.02 min

Lab File: BG025819.D

Acq: 7 Feb 2017 1:59

Instrument :

BNA_G

ClientSampleId :

WC-B23-B24-001

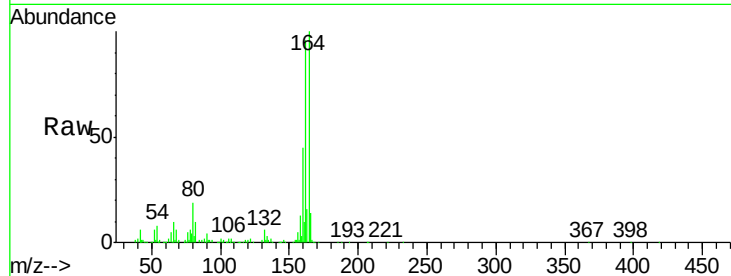
Tgt Ion:164 Resp: 245687

Ion Ratio Lower Upper

164 100

162 96.1 85.1 127.7

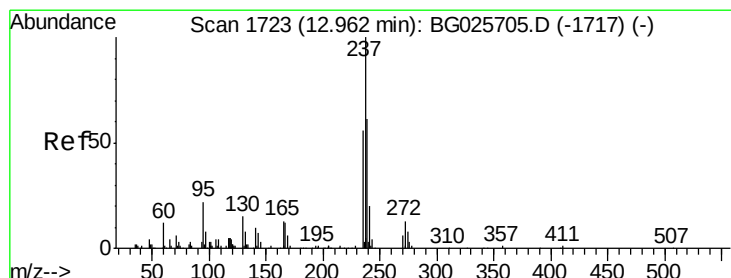
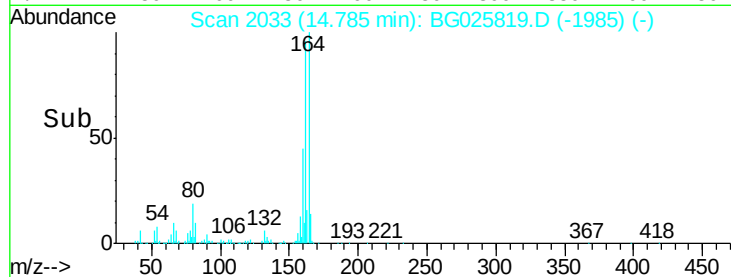
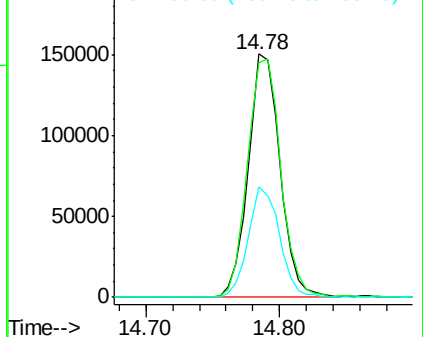
160 45.3 34.7 52.1



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: 10.72 ng

RT: 12.92 min Scan# 1716

Delta R.T. -0.04 min

Lab File: BG025819.D

Acq: 7 Feb 2017 1:59

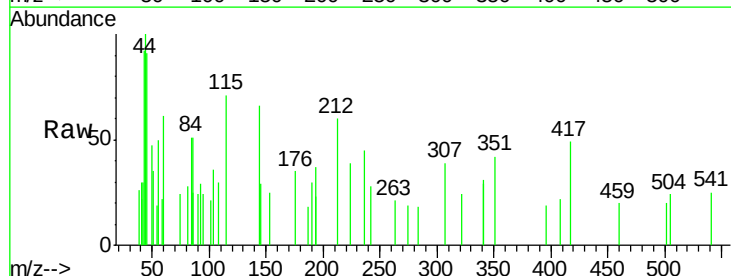
Tgt Ion:237 Resp: 130

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

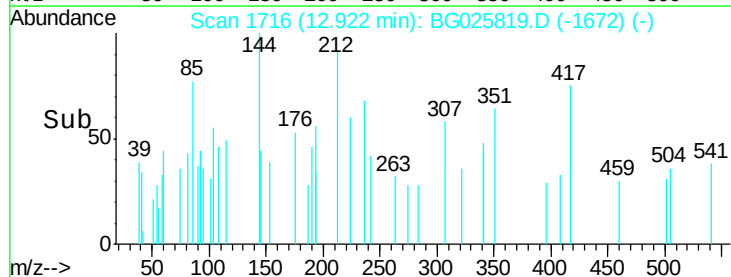
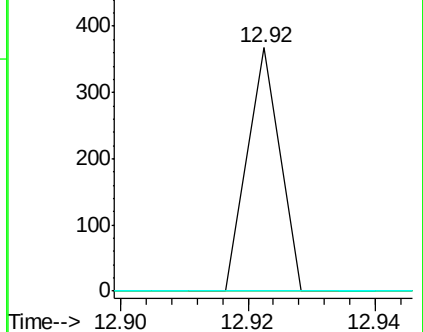
272 0.0 0.0 32.0

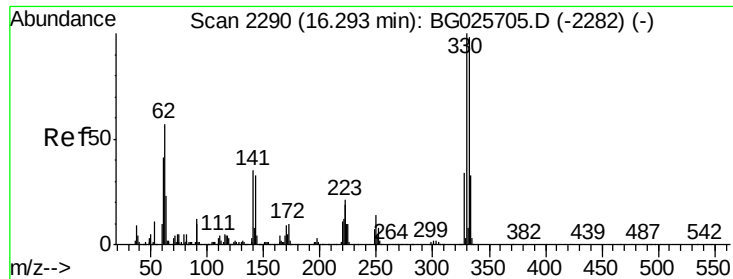


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

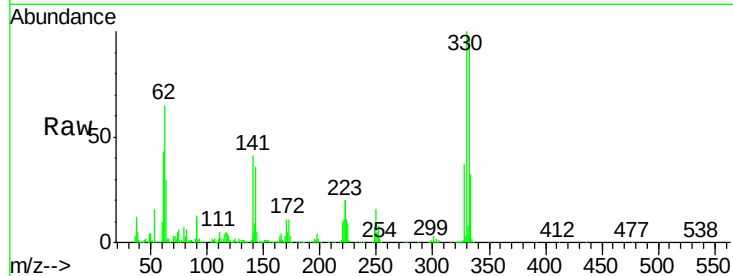




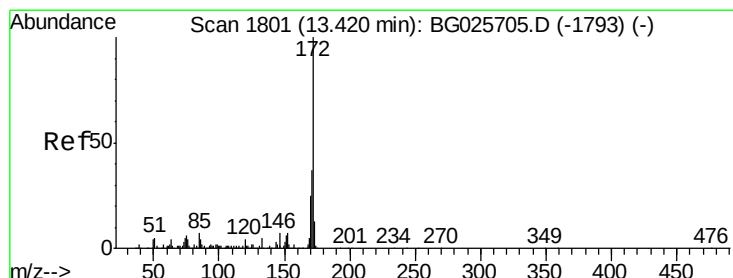
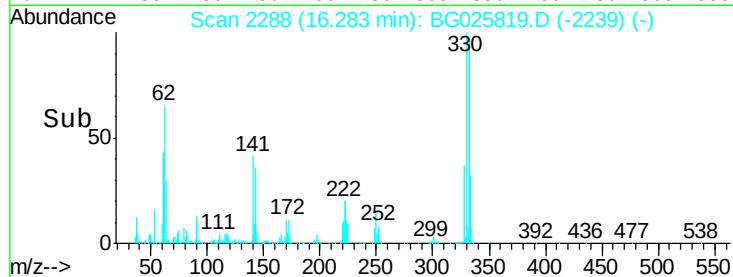
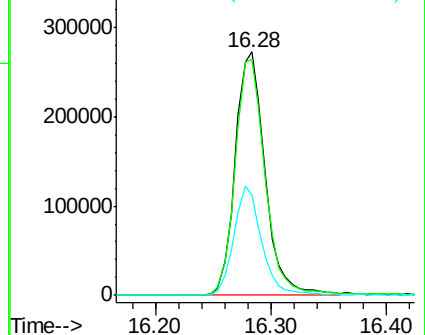
#41
 2,4,6-Tribromophenol
 Concen: 139.02 ng
 RT: 16.28 min Scan# 2288
 Delta R.T. -0.01 min
 Lab File: BG025819.D
 Acq: 7 Feb 2017 1:59

Instrument :
 BNA_G
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 WC-B23-B24-001

Tgt Ion:330 Resp: 487098
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.3 115.9
 141 42.2 32.1 48.1

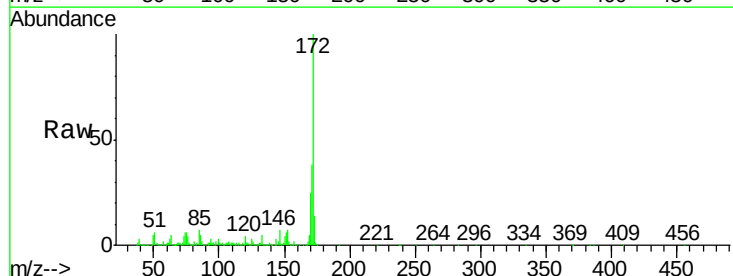


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

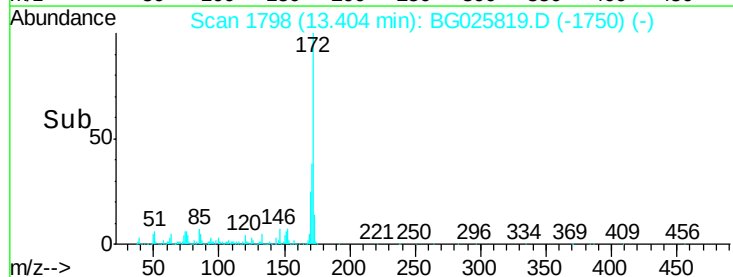
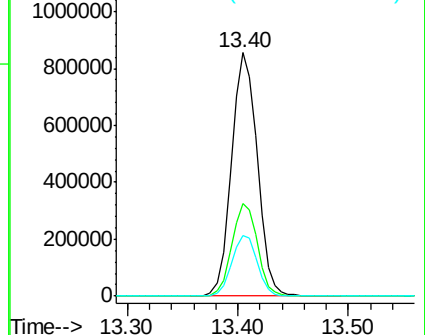


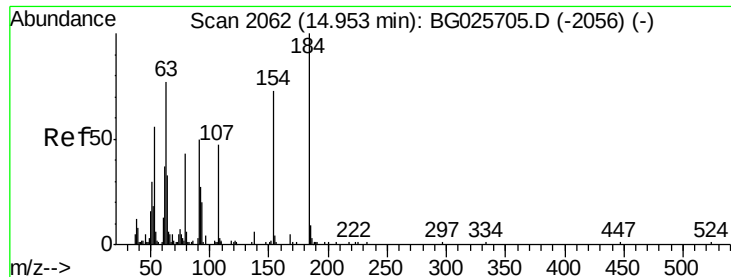
#44
 2-Fluorobiphenyl
 Concen: 92.94 ng
 RT: 13.40 min Scan# 1798
 Delta R.T. -0.02 min
 Lab File: BG025819.D
 Acq: 7 Feb 2017 1:59

Tgt Ion:172 Resp: 1405892
 Ion Ratio Lower Upper
 172 100
 171 38.1 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

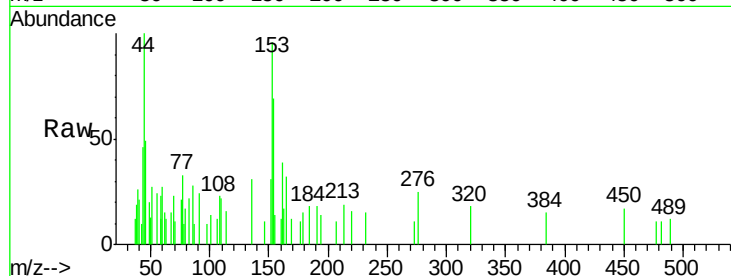




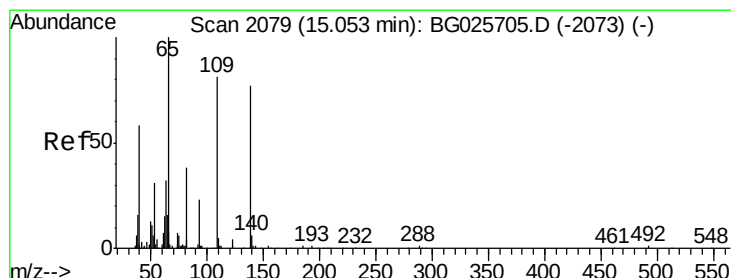
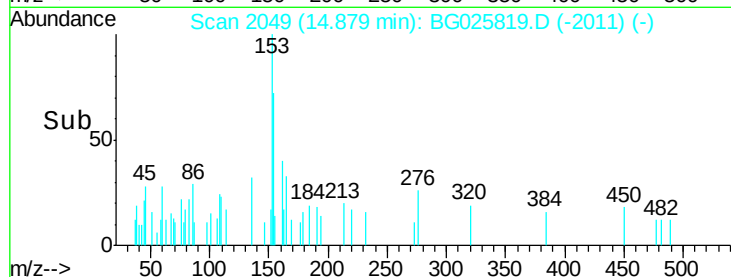
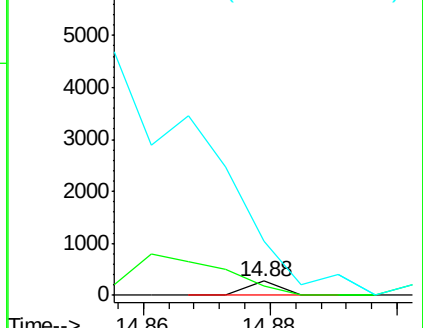
#53
2,4-Dinitrophenol
Concen: 9.48 ng
RT: 14.88 min Scan# 2049
Delta R.T. -0.07 min
Lab File: BG025819.D
Acq: 7 Feb 2017 1:59

Instrument :
BNA_G
ClientSampleId :
WC-B23-B24-001

Tgt Ion:184 Resp: 97
Ion Ratio Lower Upper
184 100
63 65.1 52.7 79.1
154 378.2 57.3 85.9#

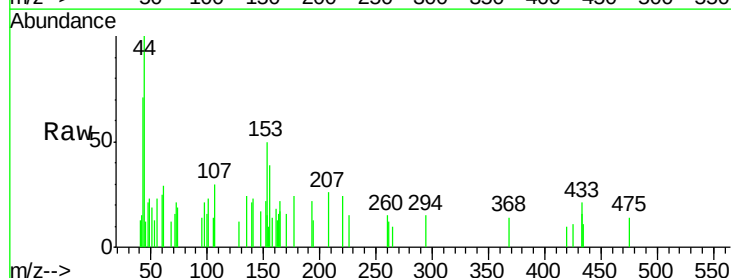


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

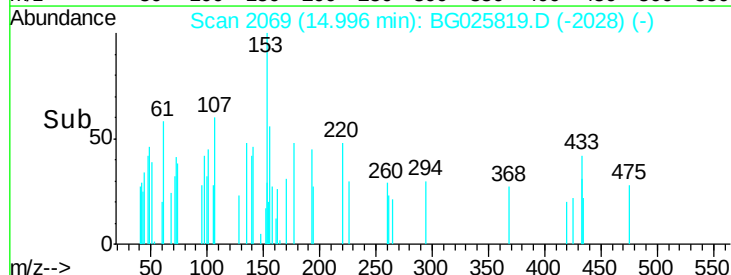
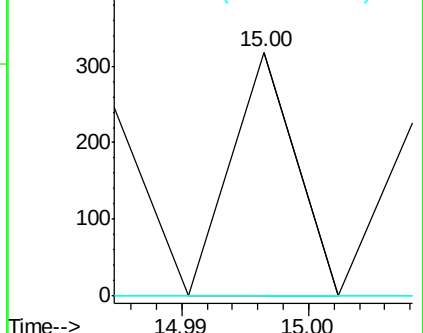


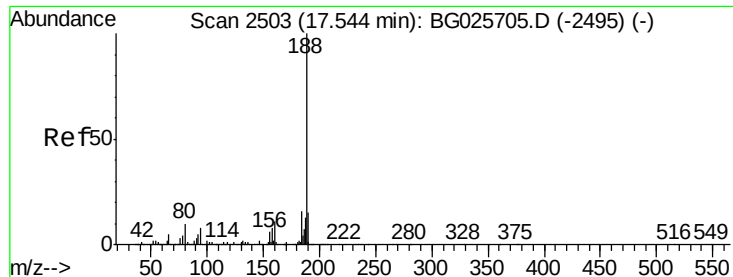
#55
4-Nitrophenol
Concen: 5.62 ng
RT: 15.00 min Scan# 2069
Delta R.T. -0.06 min
Lab File: BG025819.D
Acq: 7 Feb 2017 1:59

Tgt Ion:139 Resp: 112
Ion Ratio Lower Upper
139 100
109 0.0 101.2 141.2#
65 0.0 135.3 175.3#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.53 min Scan# 2501

Delta R.T. -0.01 min

Lab File: BG025819.D

Acq: 7 Feb 2017 1:59

Instrument :

BNA_G

ClientSampleId :

WC-B23-B24-001

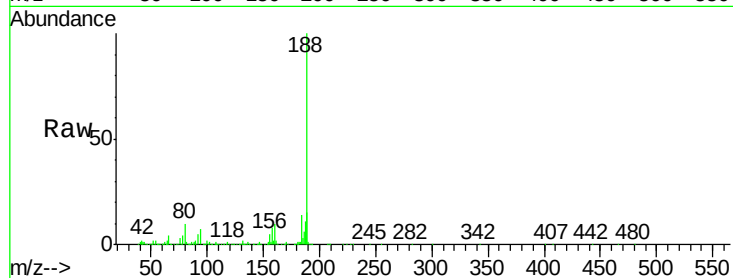
Tgt Ion:188 Resp: 567475

Ion Ratio Lower Upper

188 100

94 7.4 5.8 8.8

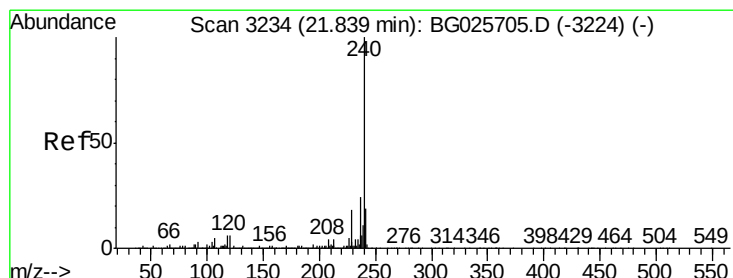
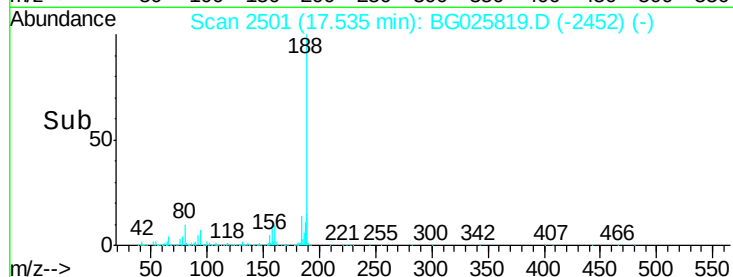
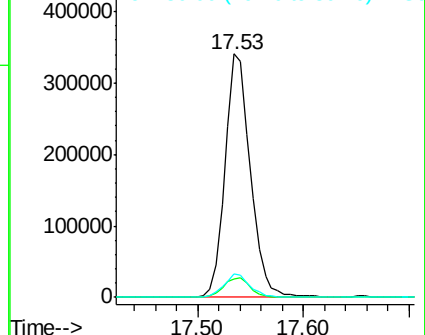
80 9.6 7.5 11.3



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: BG025819.D

Acq: 7 Feb 2017 1:59

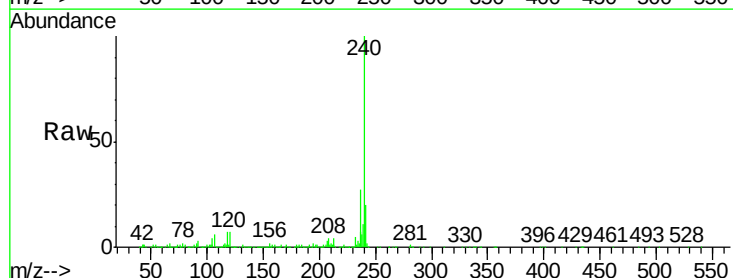
Tgt Ion:240 Resp: 700017

Ion Ratio Lower Upper

240 100

120 6.9 5.7 8.5

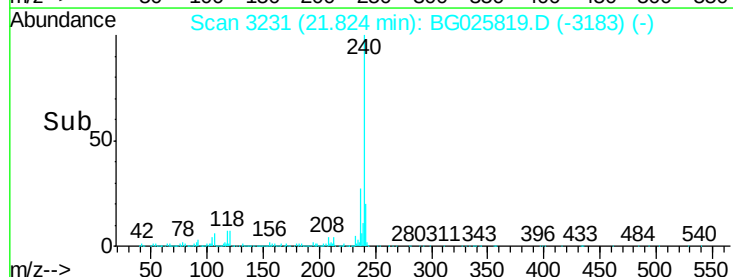
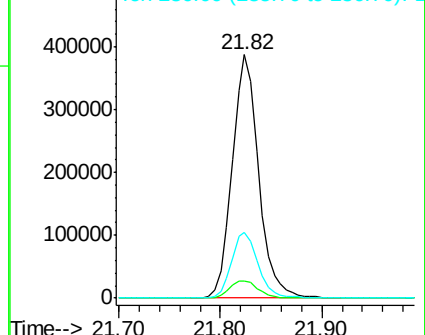
236 27.2 22.2 33.4

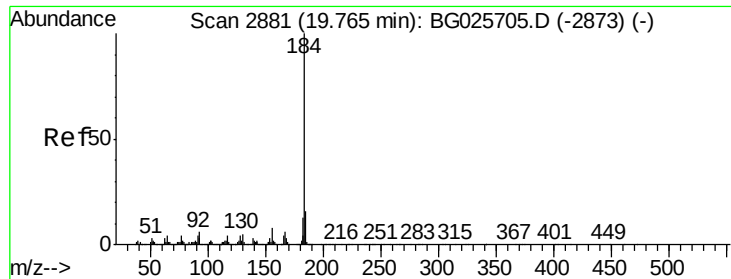


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 2.94 ng

RT: 19.77 min Scan# 2881

Delta R.T. 0.00 min

Lab File: BG025819.D

Acq: 7 Feb 2017 1:59

Instrument :

BNA_G

ClientSampleId :

WC-B23-B24-001

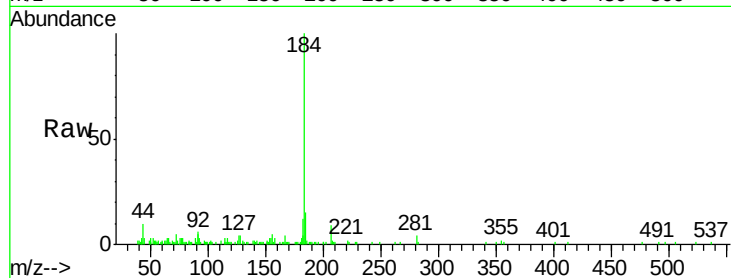
Tgt Ion:184 Resp: 70704

Ion Ratio Lower Upper

184 100

185 15.1 13.0 19.6

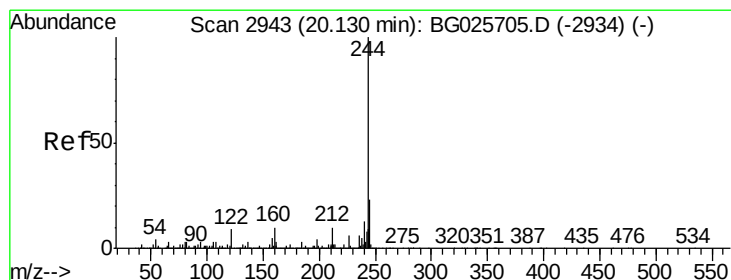
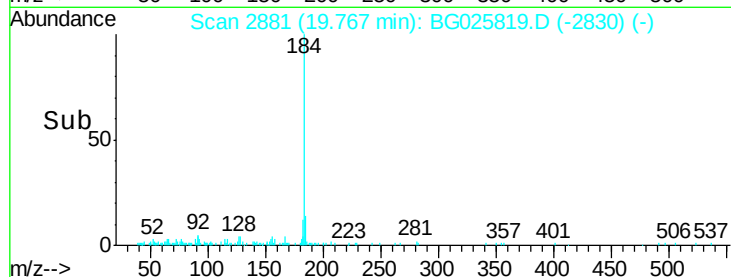
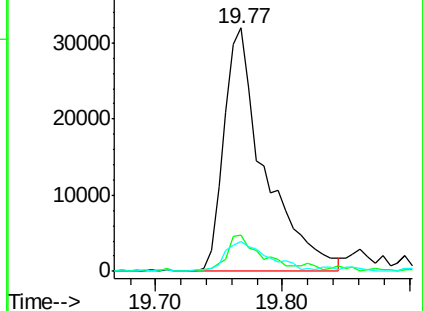
183 12.2 11.0 16.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 86.83 ng

RT: 20.12 min Scan# 2941

Delta R.T. -0.01 min

Lab File: BG025819.D

Acq: 7 Feb 2017 1:59

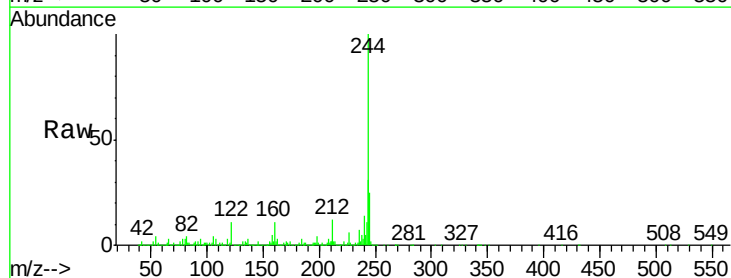
Tgt Ion:244 Resp: 2518284

Ion Ratio Lower Upper

244 100

212 11.7 10.0 15.0

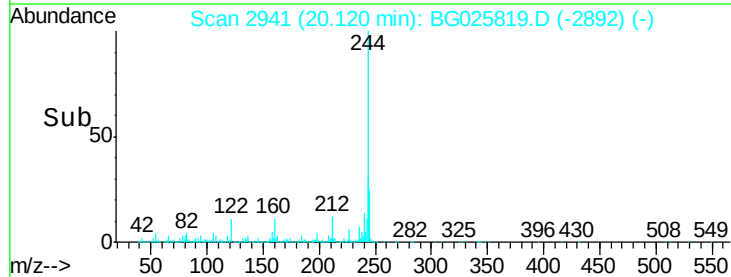
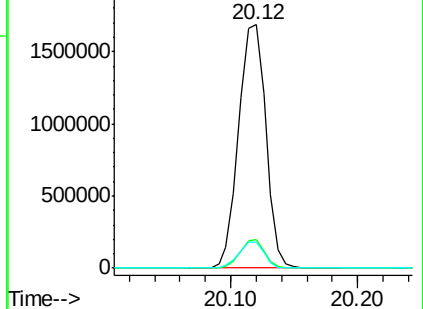
122 10.9 8.6 12.8

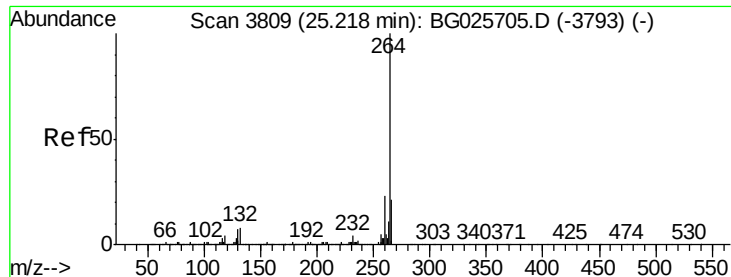


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.20 min Scan# 3805

Delta R.T. -0.02 min

Lab File: BG025819.D

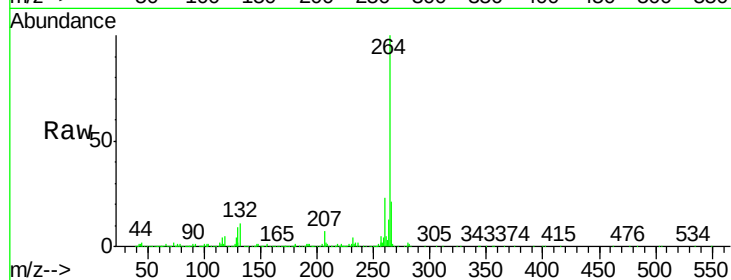
Acq: 7 Feb 2017 1:59

Instrument :

BNA_G

ClientSampleId :

WC-B23-B24-001



Tgt Ion: 264 Resp: 671846

Ion Ratio Lower Upper

264 100

260 23.5 21.8 32.8

265 21.2 18.2 27.4

