

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030417\
 Data File : BG026075.D
 Acq On : 3 Mar 2017 22:26
 Operator : SJ/MA
 Sample : I2089-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-B62-B64-001

Quant Time: Mar 03 23:07:01 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 28 15:36:56 2017
 Response via : Initial Calibration

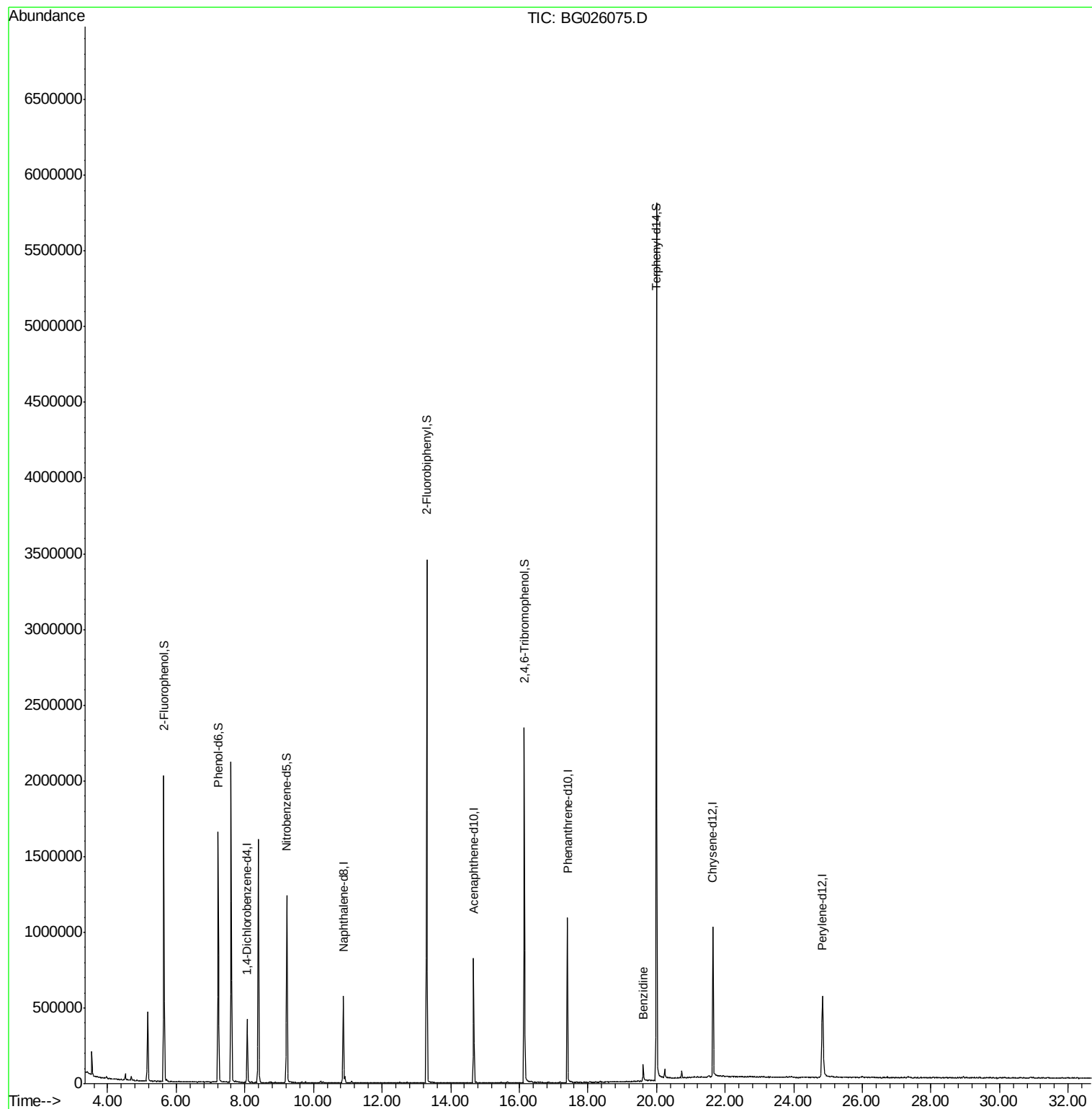
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	127770	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	521521	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	292458	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	688240	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	670001	20.00	ng	-0.03
86) Perylene-d12	24.84	264	615097	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	957217	130.43	ng	-0.01
7) Phenol-d6	7.23	99	1129483	104.00	ng	0.00
23) Nitrobenzene-d5	9.22	82	792792	95.93	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	475855	176.11	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	1864187	111.38	ng	-0.02
78) Terphenyl-d14	20.00	244	2555955	92.78	ng	-0.02
Target Compounds						
76) Benzidine	19.62	184	82374	3.89	ng	Qvalue 94

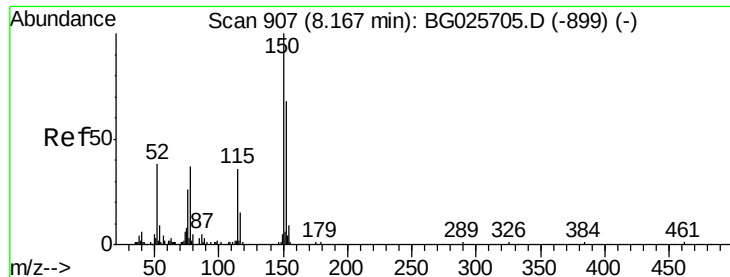
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Feb 28 15:36:56 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.07 min Scan# 806

Delta R.T. -0.02 min

Lab File: BG026075.D

Acq: 3 Mar 2017 22:26

Instrument :

BNA_G

ClientSampleId :

WC-B62-B64-001

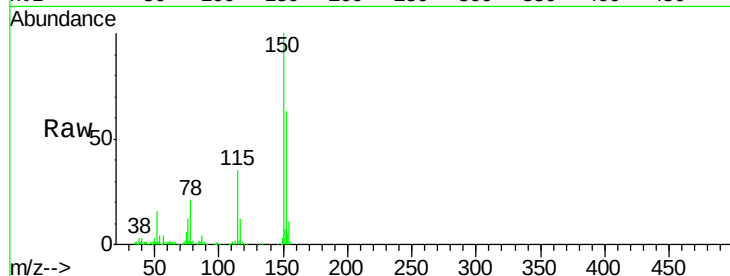
Tgt Ion:152 Resp: 127770

Ion Ratio Lower Upper

152 100

150 159.6 114.0 171.0

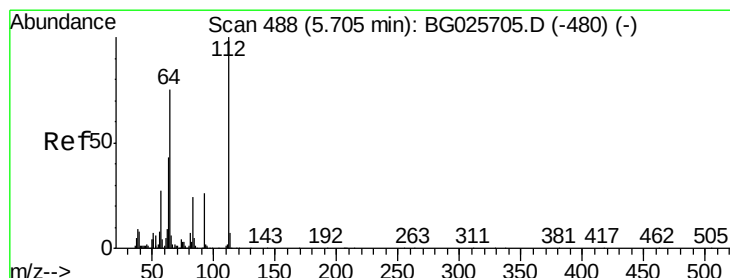
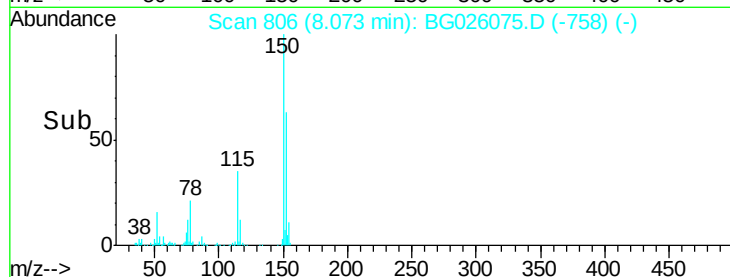
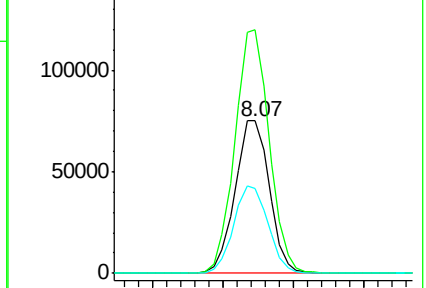
115 55.3 48.1 72.1



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: 130.43 ng

RT: 5.64 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG026075.D

Acq: 3 Mar 2017 22:26

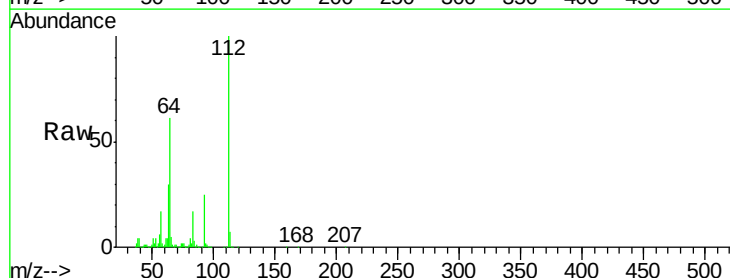
Tgt Ion:112 Resp: 957217

Ion Ratio Lower Upper

112 100

64 60.7 61.8 92.6#

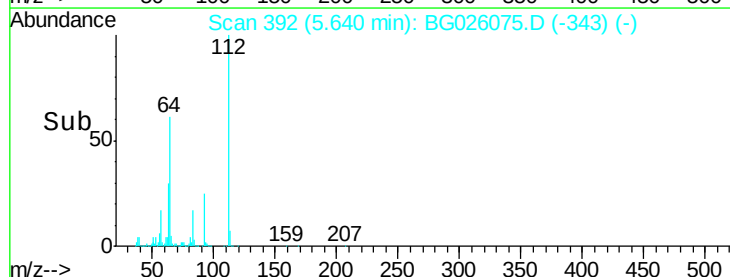
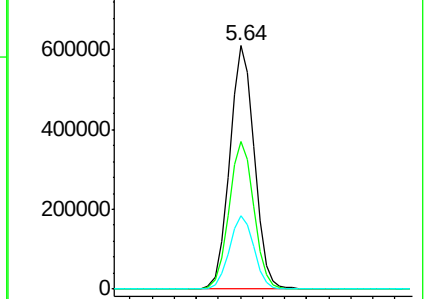
63 30.2 37.2 55.8#

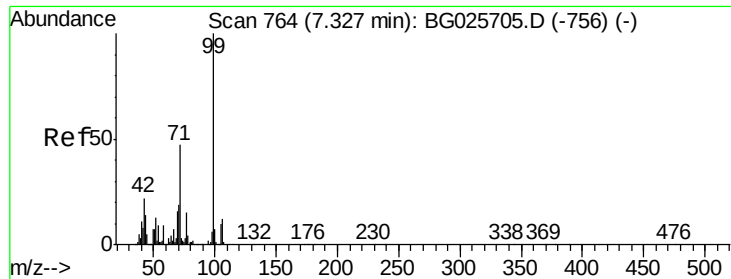


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 104.00 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG026075.D

Acq: 3 Mar 2017 22:26

Instrument :

BNA_G

ClientSampleId :

WC-B62-B64-001

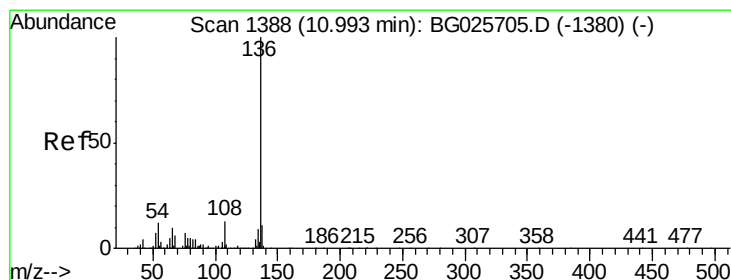
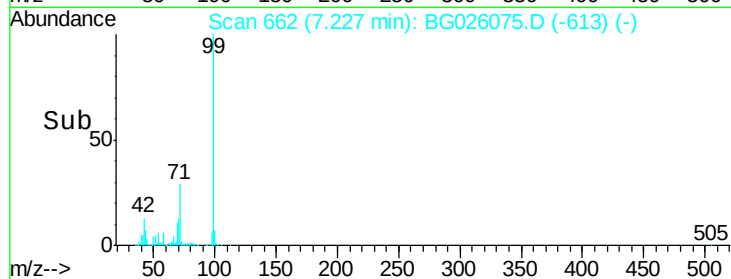
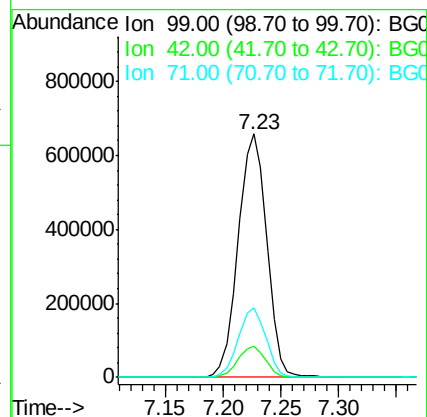
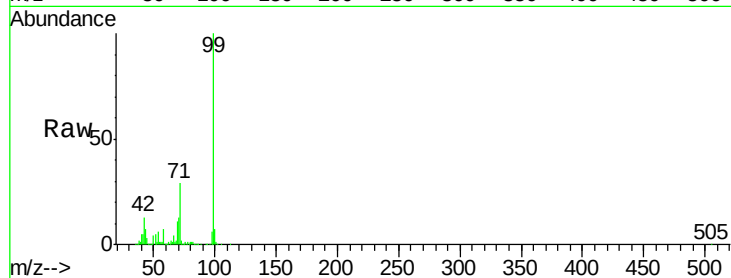
Tgt Ion: 99 Resp: 1129483

Ion Ratio Lower Upper

99 100

42 12.6 20.5 30.7#

71 28.7 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.87 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BG026075.D

Acq: 3 Mar 2017 22:26

Tgt Ion: 136 Resp: 521521

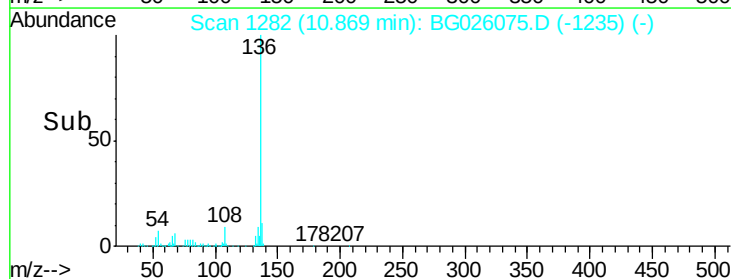
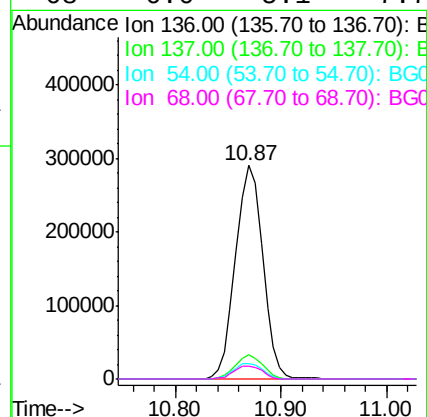
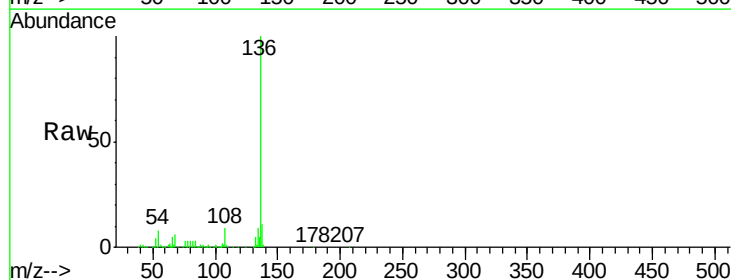
Ion Ratio Lower Upper

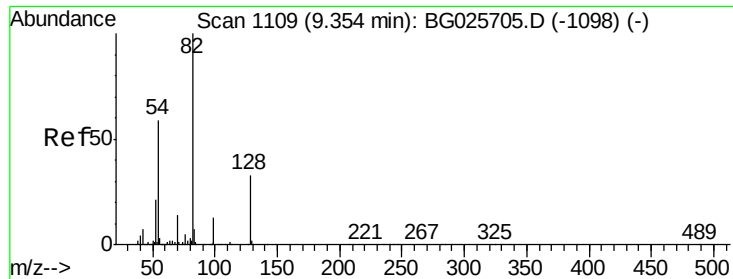
136 100

137 11.4 8.9 13.3

54 7.5 9.3 13.9#

68 6.0 5.1 7.7

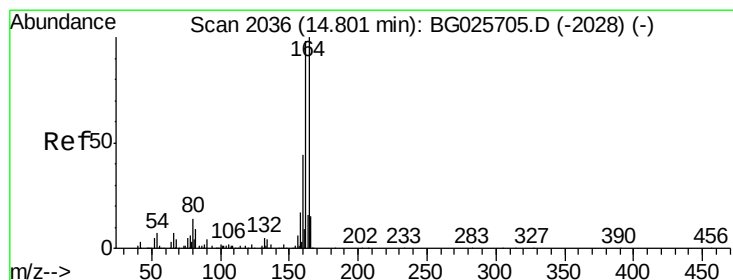
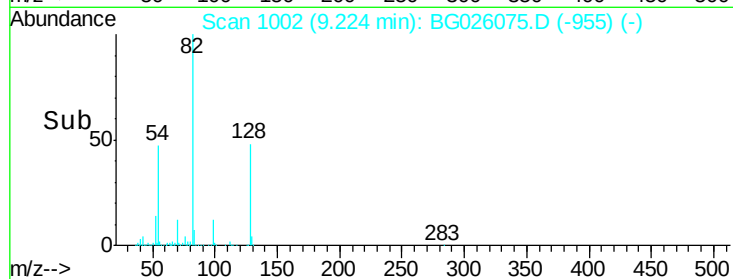
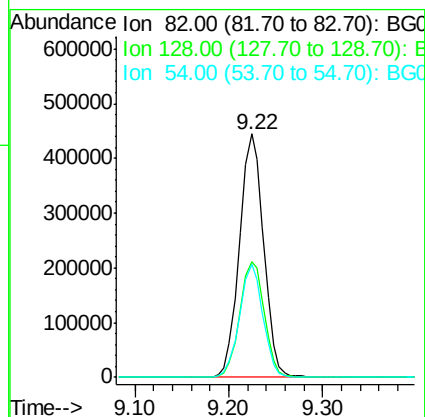
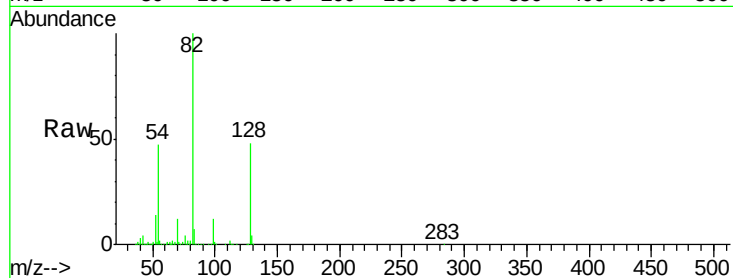




#23
 Nitrobenzene-d5
 Concen: 95.93 ng
 RT: 9.22 min Scan# 1002
 Delta R.T. -0.02 min
 Lab File: BG026075.D
 Acq: 3 Mar 2017 22:26

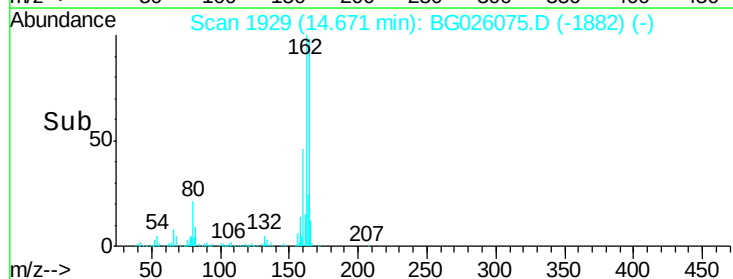
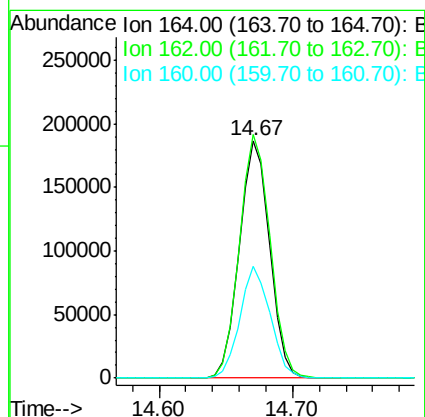
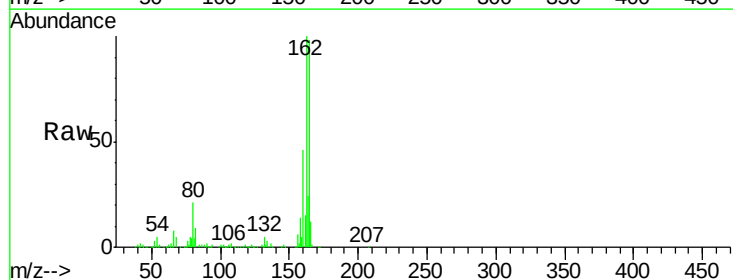
Instrument :
 BNA_G
 ClientSampleId :
 WC-B62-B64-001

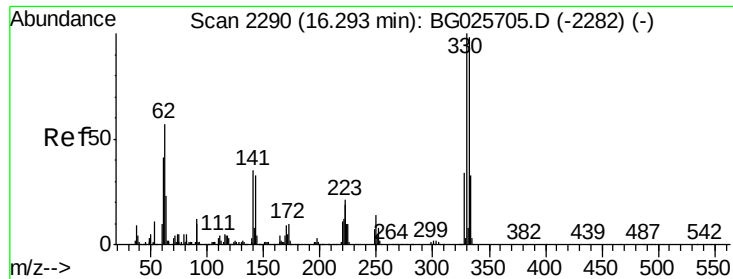
Tgt Ion: 82 Resp: 792792
 Ion Ratio Lower Upper
 82 100
 128 47.7 26.4 39.6#
 54 46.6 49.4 74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.67 min Scan# 1929
 Delta R.T. -0.02 min
 Lab File: BG026075.D
 Acq: 3 Mar 2017 22:26

Tgt Ion: 164 Resp: 292458
 Ion Ratio Lower Upper
 164 100
 162 102.4 85.1 127.7
 160 47.0 34.7 52.1

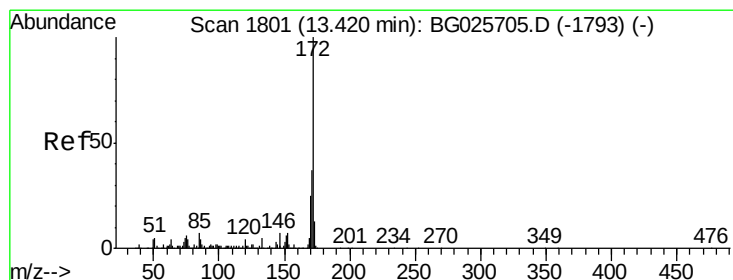
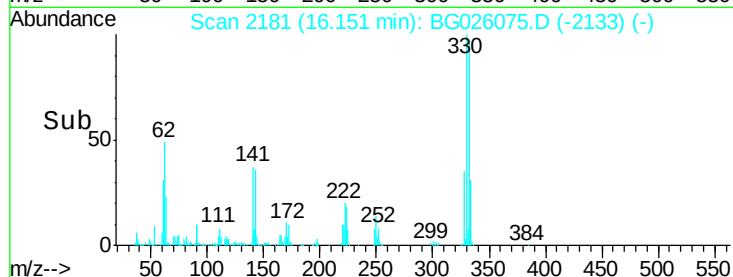
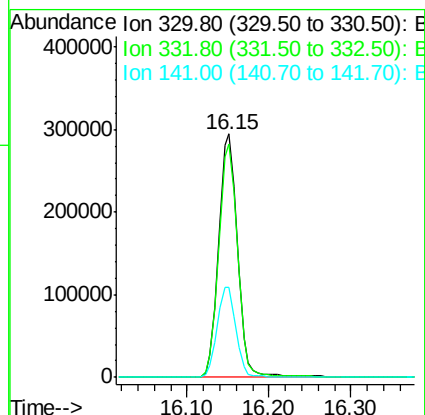
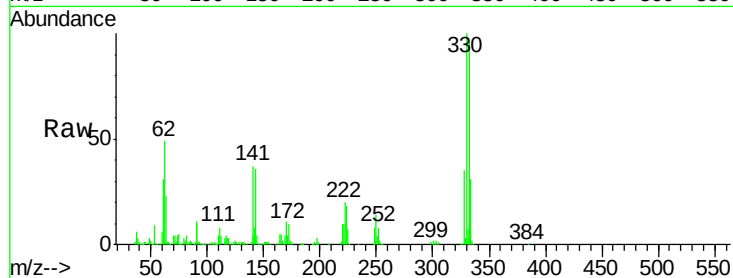




#41
 2,4,6-Tribromophenol
 Concen: 176.11 ng
 RT: 16.15 min Scan# 2181
 Delta R.T. -0.02 min
 Lab File: BG026075.D
 Acq: 3 Mar 2017 22:26

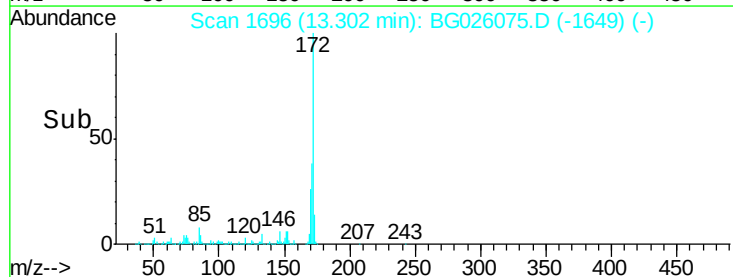
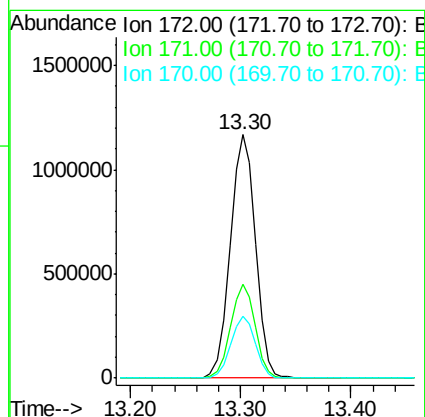
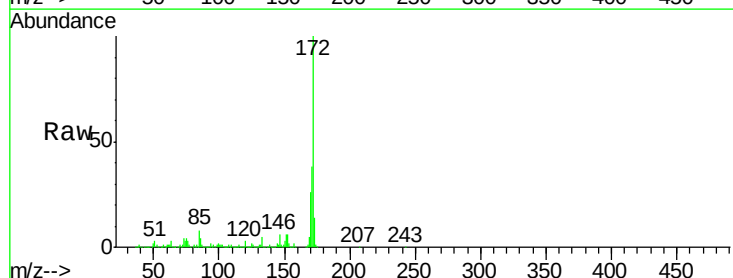
Instrument :
 BNA_G
 ClientSampleId :
 WC-B62-B64-001

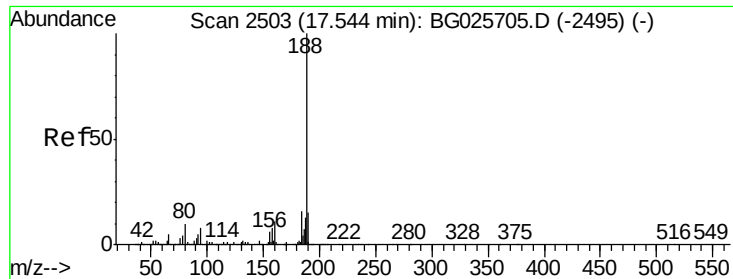
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.3	115.9
141	36.9	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 111.38 ng
 RT: 13.30 min Scan# 1696
 Delta R.T. -0.02 min
 Lab File: BG026075.D
 Acq: 3 Mar 2017 22:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	32.2	48.2
170	25.5	21.8	32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.40 min Scan# 2394

Delta R.T. -0.02 min

Lab File: BG026075.D

Acq: 3 Mar 2017 22:26

Instrument :

BNA_G

ClientSampleId :

WC-B62-B64-001

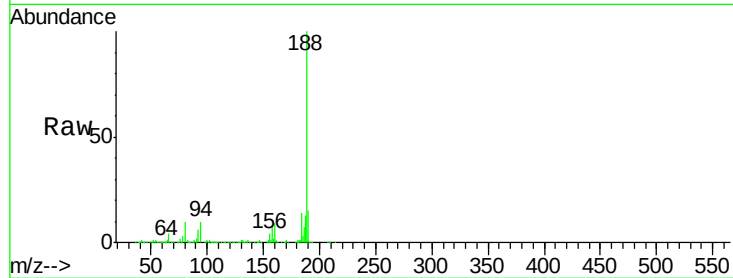
Tgt Ion:188 Resp: 688240

Ion Ratio Lower Upper

188 100

94 9.7 5.8 8.8#

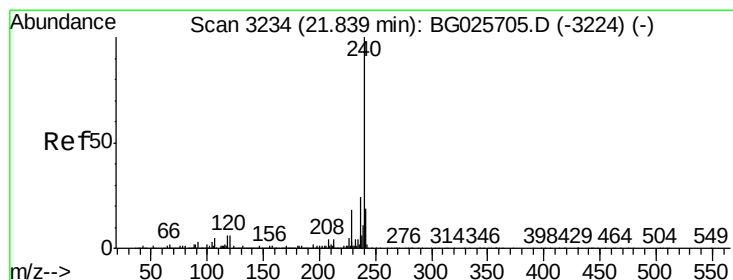
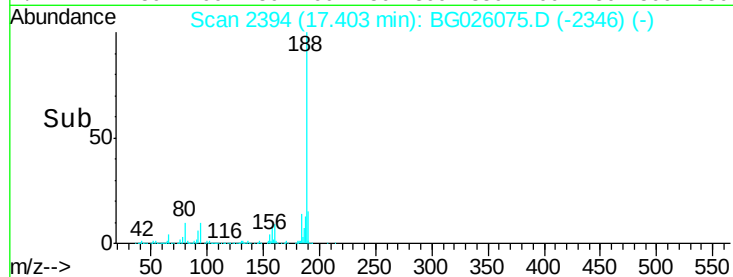
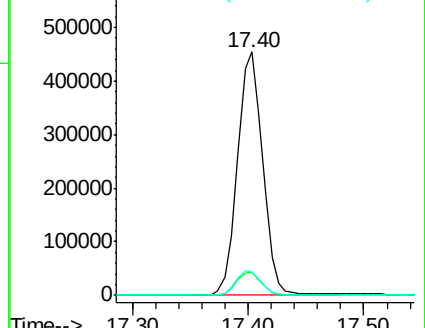
80 9.8 7.5 11.3



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: 21.64 min Scan# 3116

Delta R.T. -0.03 min

Lab File: BG026075.D

Acq: 3 Mar 2017 22:26

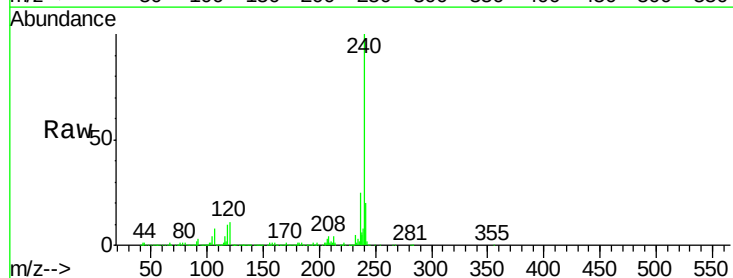
Tgt Ion:240 Resp: 670001

Ion Ratio Lower Upper

240 100

120 11.5 5.7 8.5#

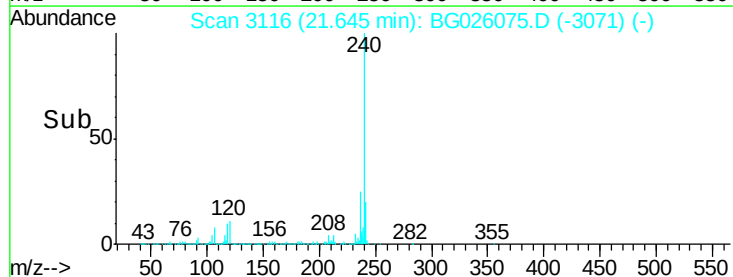
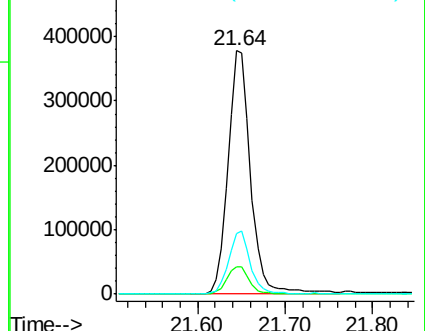
236 25.0 22.2 33.4

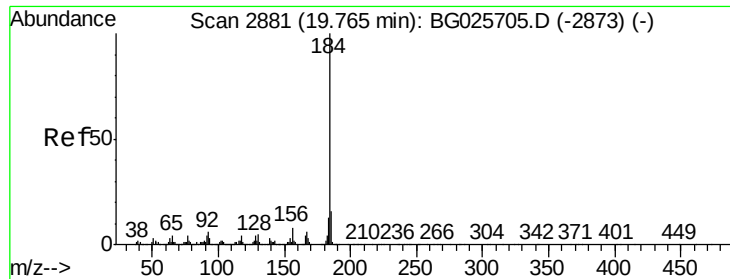


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 3.89 ng

RT: 19.62 min Scan# 2771

Delta R.T. -0.02 min

Lab File: BG026075.D

Acq: 3 Mar 2017 22:26

Instrument :

BNA_G

ClientSampleId :

WC-B62-B64-001

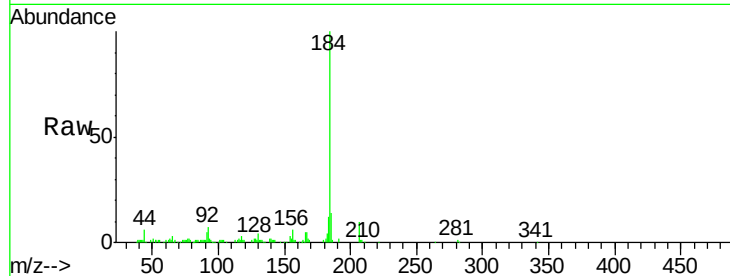
Tgt Ion:184 Resp: 82374

Ion Ratio Lower Upper

184 100

185 13.7 13.0 19.6

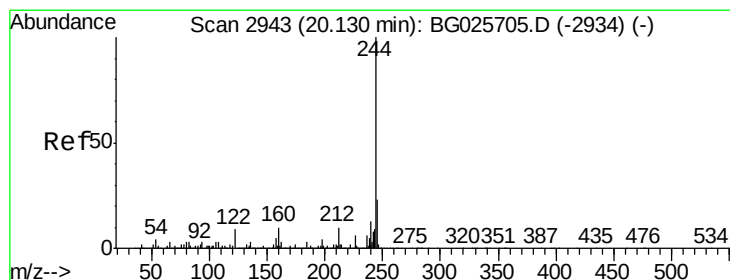
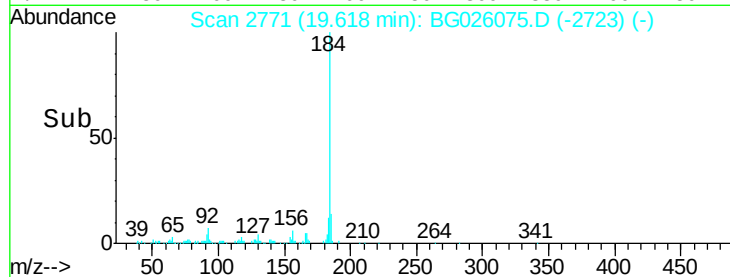
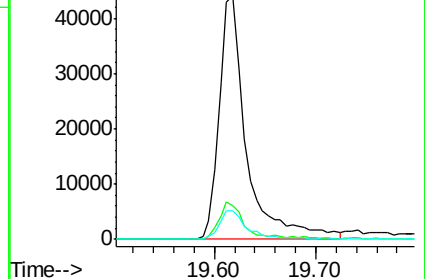
183 11.5 11.0 16.6



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: 92.78 ng

RT: 20.00 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BG026075.D

Acq: 3 Mar 2017 22:26

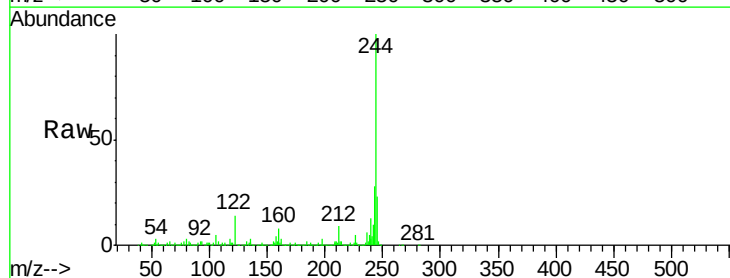
Tgt Ion:244 Resp: 2555955

Ion Ratio Lower Upper

244 100

212 8.8 10.0 15.0#

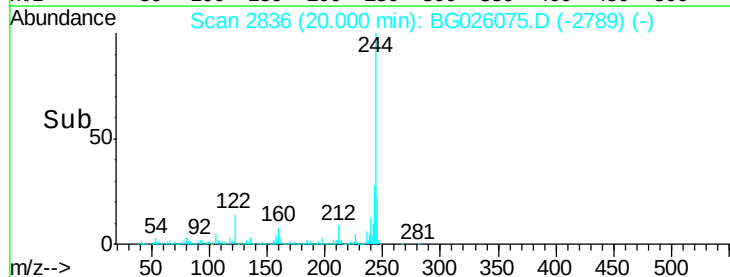
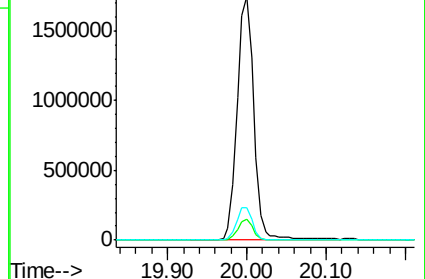
122 13.6 8.6 12.8#

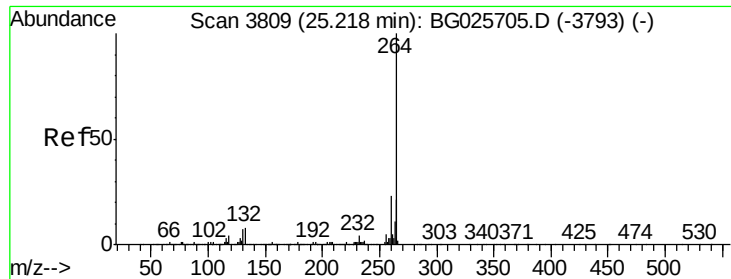


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.84 min Scan# 3660
Delta R.T. -0.04 min
Lab File: BG026075.D
Acq: 3 Mar 2017 22:26

Instrument :
BNA_G
ClientSampleId :
WC-B62-B64-001

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	21.8	32.8
265	20.4	18.2	27.4

