

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030417\
 Data File : BG026066.D
 Acq On : 3 Mar 2017 16:30
 Operator : SJ/MA
 Sample : PB97313BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB97313BL

Quant Time: Mar 03 22:54:52 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	111774	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	465467	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	258955	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	609971	20.00	ng	-0.02
75) Chrysene-d12	21.65	240	593358	20.00	ng	-0.03
86) Perylene-d12	24.84	264	544238	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	593845	92.50	ng	-0.02
7) Phenol-d6	7.22	99	758609	79.85	ng	-0.01
23) Nitrobenzene-d5	9.22	82	624792	84.71	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	245141	102.46	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	1538194	103.79	ng	-0.02
78) Terphenyl-d14	20.00	244	2065653	84.67	ng	-0.02

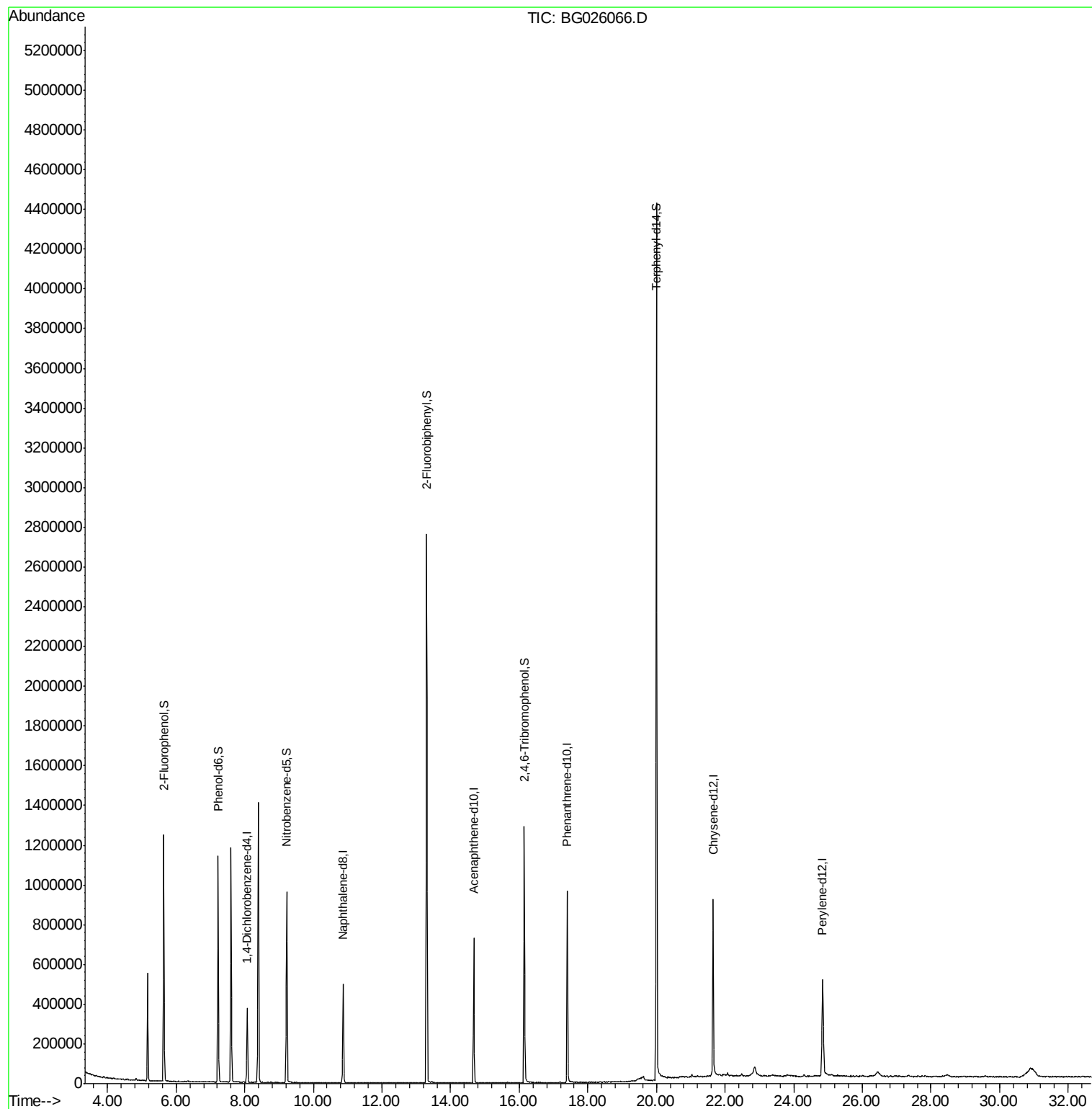
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.07 min Scan# 805

Delta R.T. -0.02 min

Lab File: BG026066.D

Acq: 3 Mar 2017 16:30

Instrument :

BNA_G

ClientSampleId :

PB97313BL

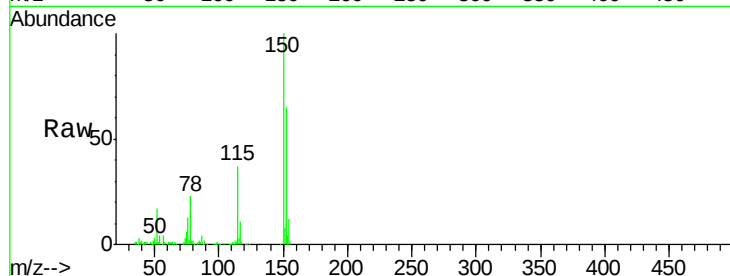
Tgt Ion:152 Resp: 111774

Ion Ratio Lower Upper

152 100

150 153.2 114.0 171.0

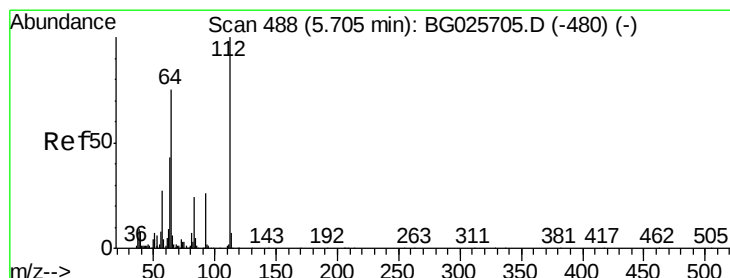
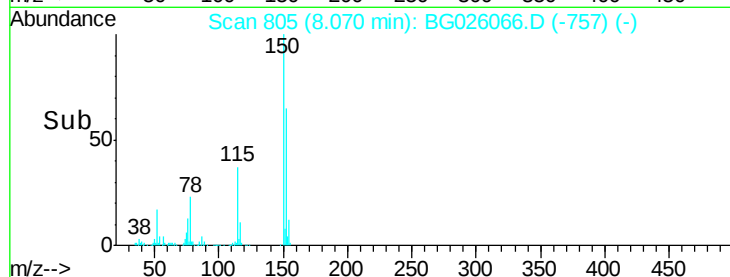
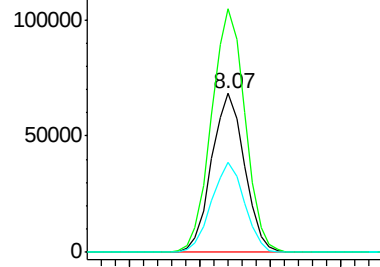
115 56.6 48.1 72.1



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: 92.50 ng

RT: 5.64 min Scan# 391

Delta R.T. -0.02 min

Lab File: BG026066.D

Acq: 3 Mar 2017 16:30

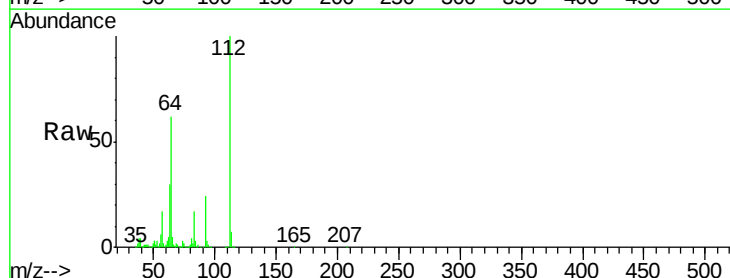
Tgt Ion:112 Resp: 593845

Ion Ratio Lower Upper

112 100

64 61.9 61.8 92.6

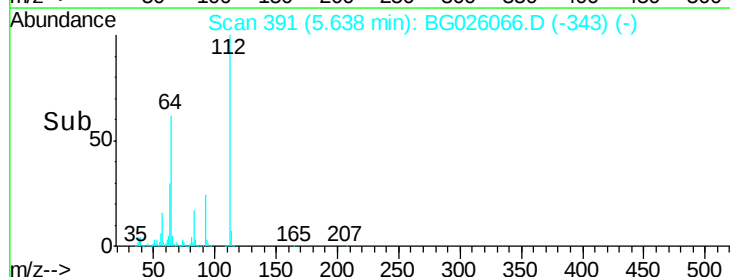
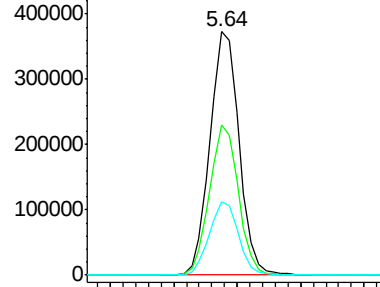
63 30.0 37.2 55.8#



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: 79.85 ng

RT: 7.22 min Scan# 661

Delta R.T. -0.01 min

Lab File: BG026066.D

Acq: 3 Mar 2017 16:30

Instrument :

BNA_G

ClientSampleId :

PB97313BL

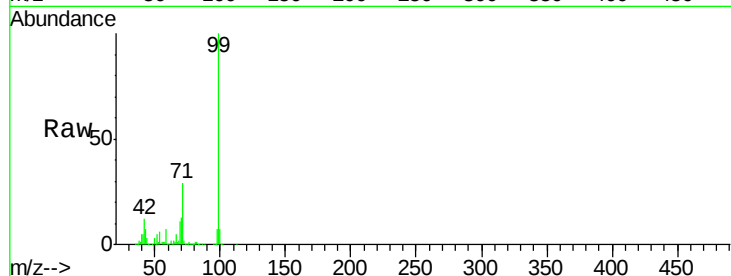
Tgt Ion: 99 Resp: 758609

Ion Ratio Lower Upper

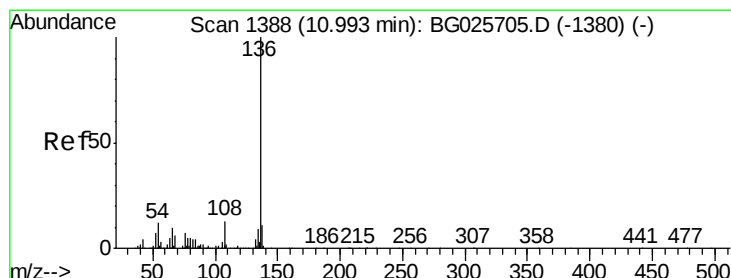
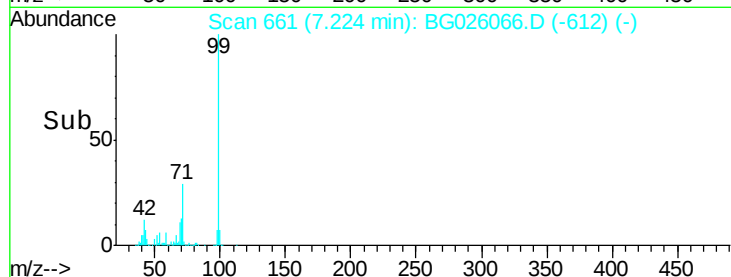
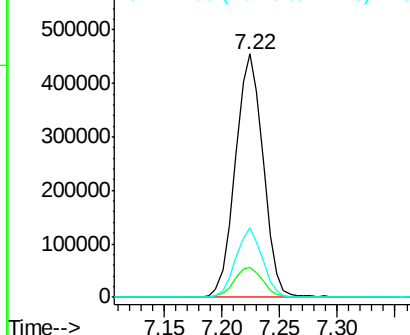
99 100

42 12.4 20.5 30.7#

71 28.6 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.87 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BG026066.D

Acq: 3 Mar 2017 16:30

Tgt Ion: 136 Resp: 465467

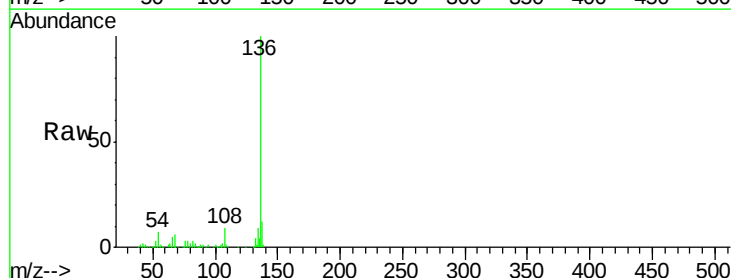
Ion Ratio Lower Upper

136 100

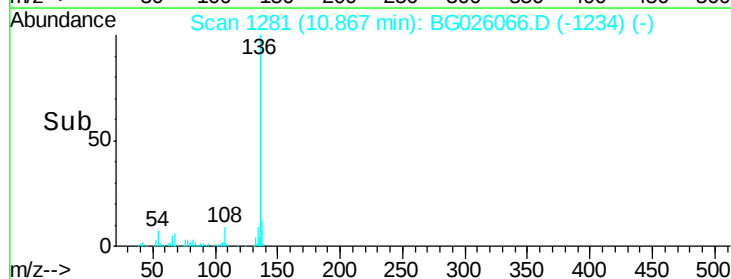
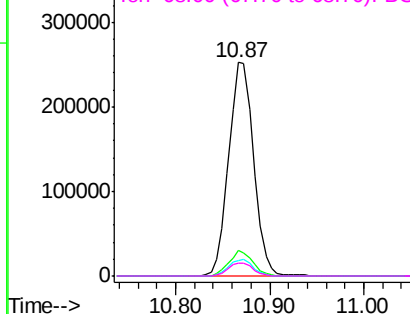
137 11.9 8.9 13.3

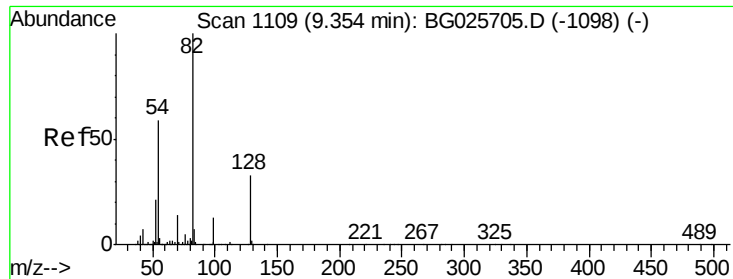
54 7.3 9.3 13.9#

68 6.1 5.1 7.7



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

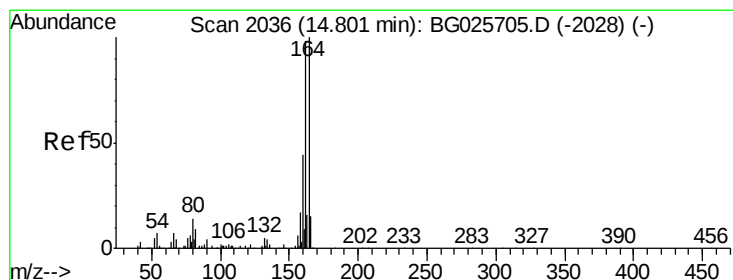
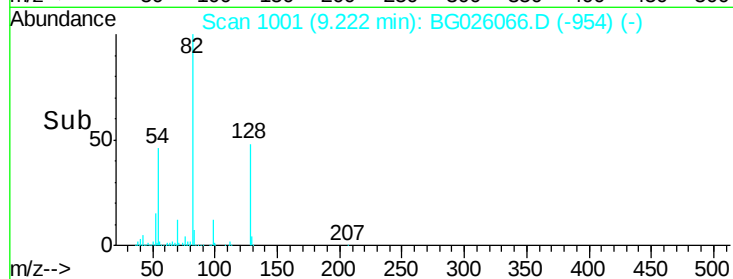
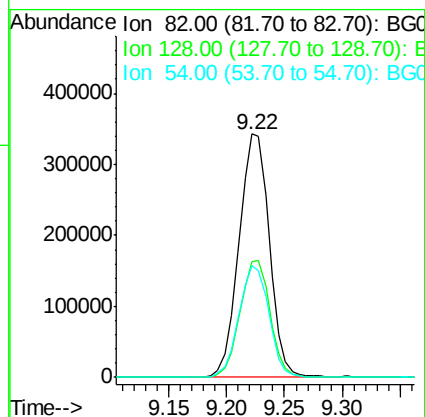
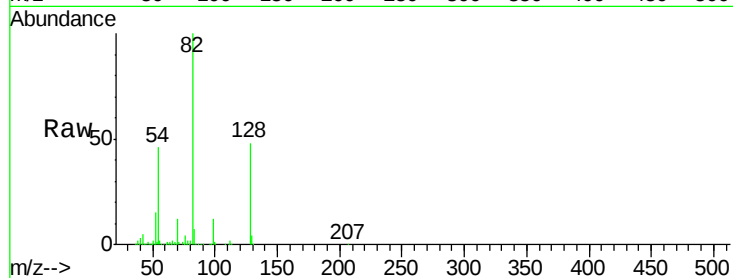




#23
 Nitrobenzene-d5
 Concen: 84.71 ng
 RT: 9.22 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BG026066.D
 Acq: 3 Mar 2017 16:30

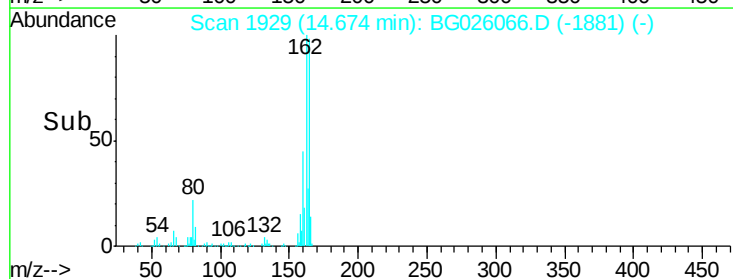
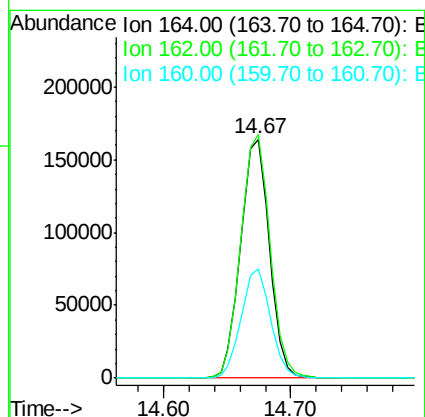
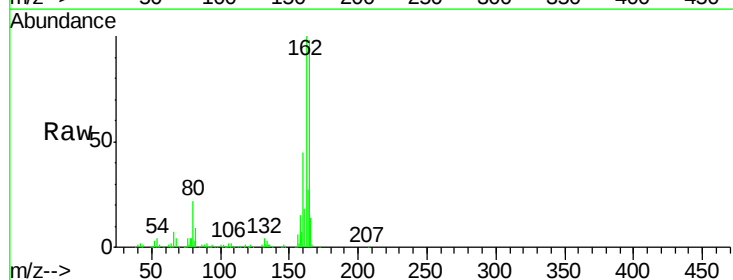
Instrument :
 BNA_G
 ClientSampleId :
 PB97313BL

Tgt Ion: 82 Resp: 624792
 Ion Ratio Lower Upper
 82 100
 128 47.6 26.4 39.6#
 54 46.2 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: BG026066.D
 Acq: 3 Mar 2017 16:30

Tgt Ion: 164 Resp: 258955
 Ion Ratio Lower Upper
 164 100
 162 102.0 85.1 127.7
 160 45.6 34.7 52.1

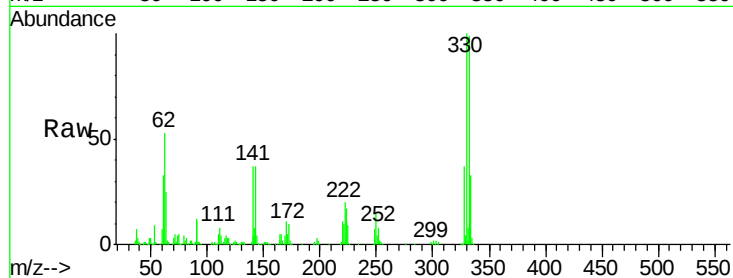




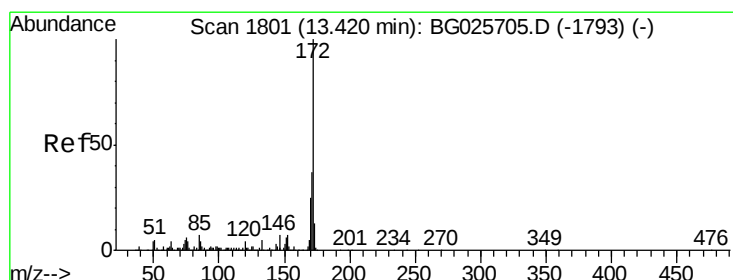
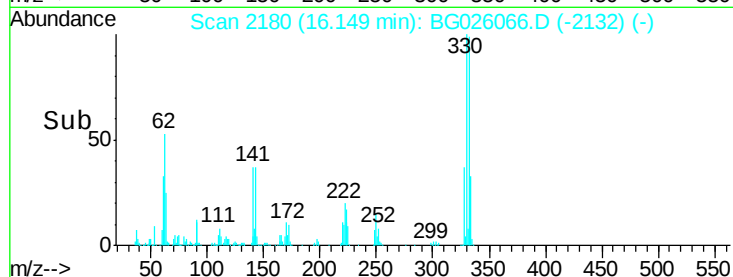
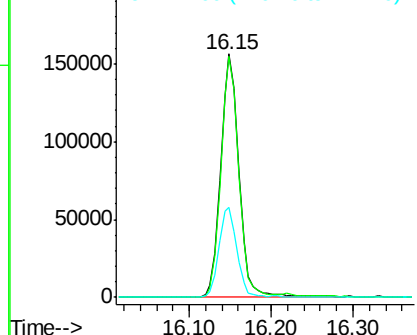
#41
 2,4,6-Tribromophenol
 Concen: 102.46 ng
 RT: 16.15 min Scan# 2180
 Delta R.T. -0.02 min
 Lab File: BG026066.D
 Acq: 3 Mar 2017 16:30

Instrument :
 BNA_G
 ClientSampleId :
 PB97313BL

Tgt Ion: 330 Resp: 245141
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.3 115.9
 141 36.4 32.1 48.1

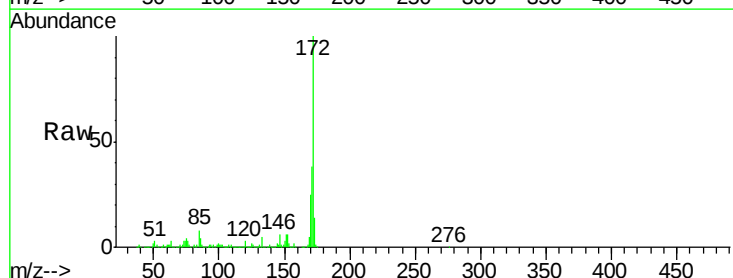


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

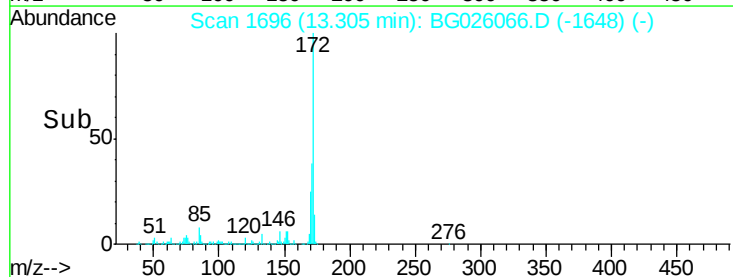
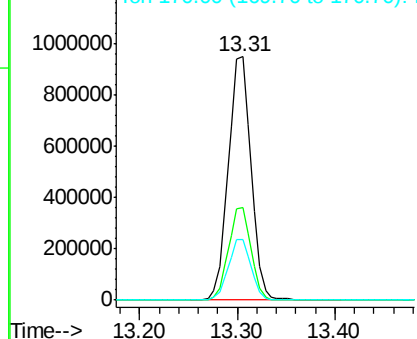


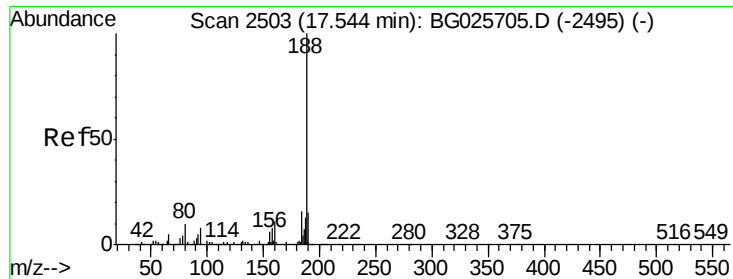
#44
 2-Fluorobiphenyl
 Concen: 103.79 ng
 RT: 13.31 min Scan# 1696
 Delta R.T. -0.02 min
 Lab File: BG026066.D
 Acq: 3 Mar 2017 16:30

Tgt Ion: 172 Resp: 1538194
 Ion Ratio Lower Upper
 172 100
 171 38.3 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.40 min Scan# 2393

Delta R.T. -0.02 min

Lab File: BG026066.D

Acq: 3 Mar 2017 16:30

Instrument :

BNA_G

ClientSampleId :

PB97313BL

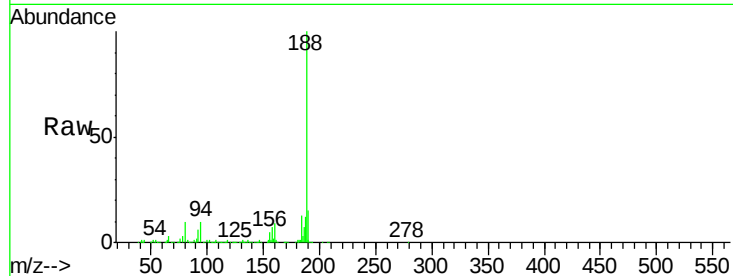
Tgt Ion:188 Resp: 609971

Ion Ratio Lower Upper

188 100

94 9.8 5.8 8.8#

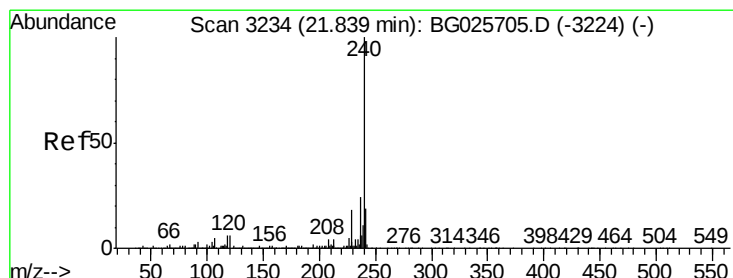
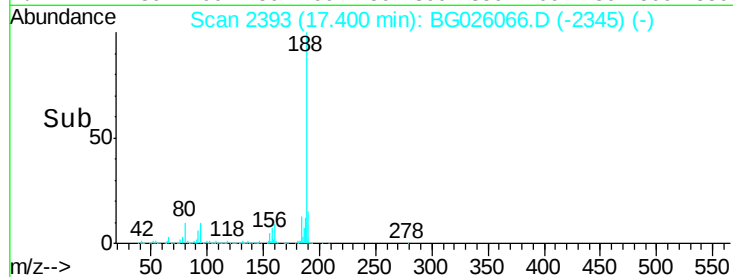
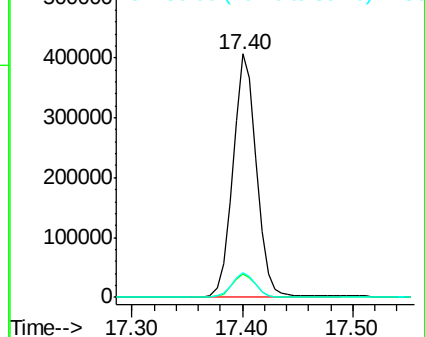
80 10.0 7.5 11.3



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: 21.65 min Scan# 3116

Delta R.T. -0.03 min

Lab File: BG026066.D

Acq: 3 Mar 2017 16:30

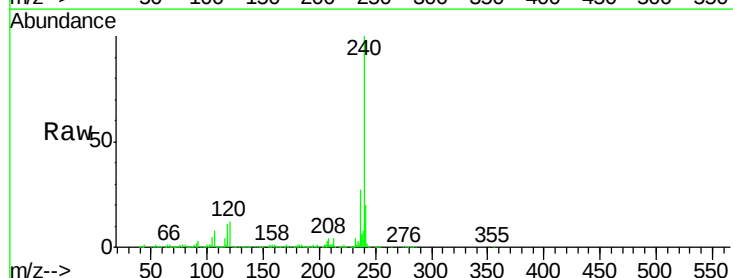
Tgt Ion:240 Resp: 593358

Ion Ratio Lower Upper

240 100

120 11.7 5.7 8.5#

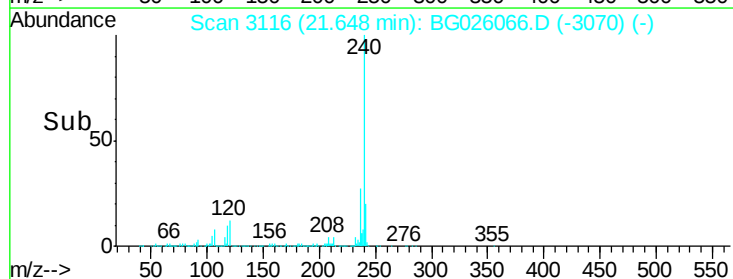
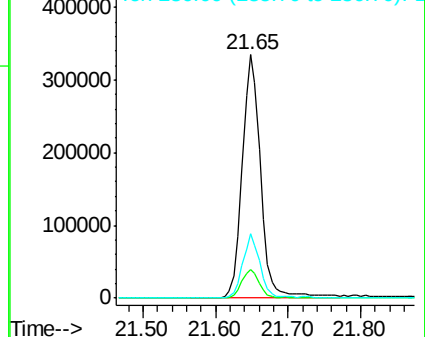
236 26.6 22.2 33.4

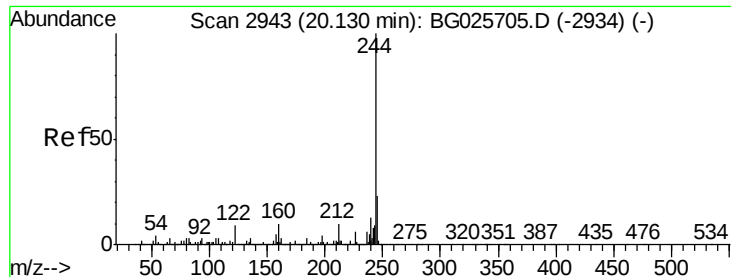


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 84.67 ng

RT: 20.00 min Scan# 2835

Delta R.T. -0.02 min

Lab File: BG026066.D

Acq: 3 Mar 2017 16:30

Instrument :

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ClientSampleId :

PB97313BL

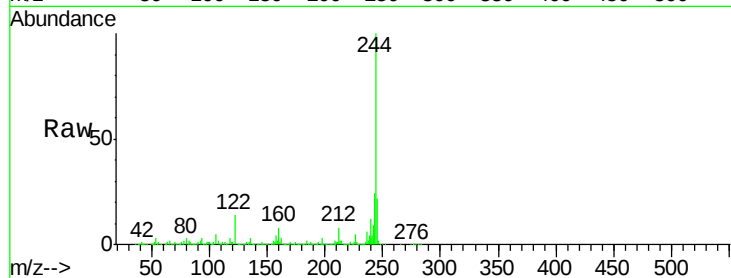
Tgt Ion:244 Resp: 2065653

Ion Ratio Lower Upper

244 100

212 8.4 10.0 15.0#

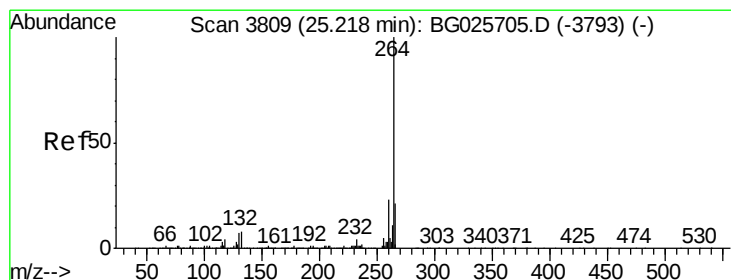
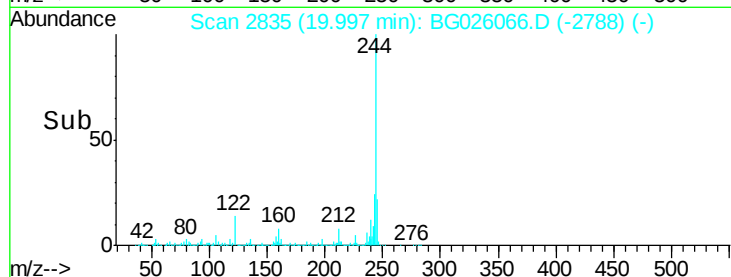
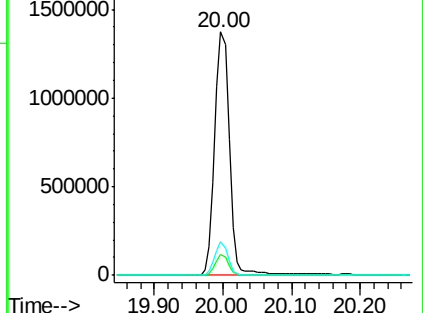
122 13.7 8.6 12.8#



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: BG026066.D

Acq: 3 Mar 2017 16:30

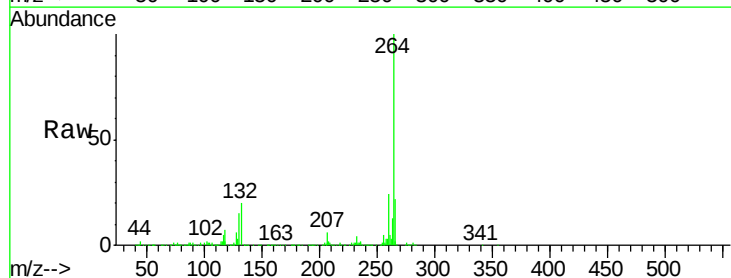
Tgt Ion:264 Resp: 544238

Ion Ratio Lower Upper

264 100

260 23.8 21.8 32.8

265 22.1 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

