

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030417\
 Data File : BG026073.D
 Acq On : 3 Mar 2017 21:07
 Operator : SJ/MA
 Sample : I2083-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 022817-PRRT-F-D-M

Quant Time: Mar 03 22:57:18 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

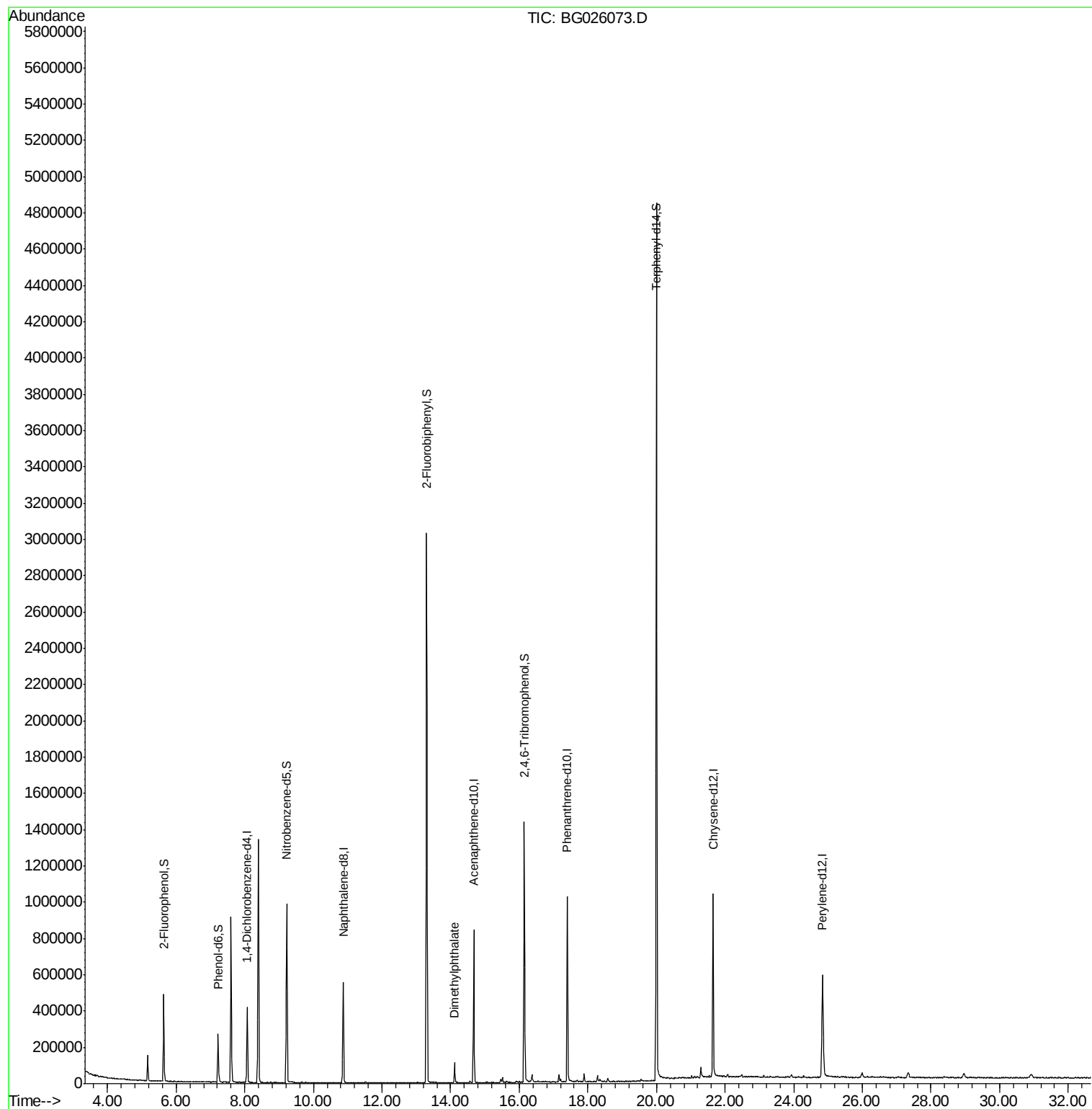
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	124177	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	516058	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	293068	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	674808	20.00	ng	-0.02
75) Chrysene-d12	21.65	240	630790	20.00	ng	-0.03
86) Perylene-d12	24.84	264	599650	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	231617	32.47	ng	-0.02
7) Phenol-d6	7.22	99	185188	17.55	ng	-0.02
23) Nitrobenzene-d5	9.22	82	641805	78.49	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	272577	100.67	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	1673125	99.76	ng	-0.02
78) Terphenyl-d14	20.00	244	2168444	83.61	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.12	163	79661	3.96	ng	Qvalue 99

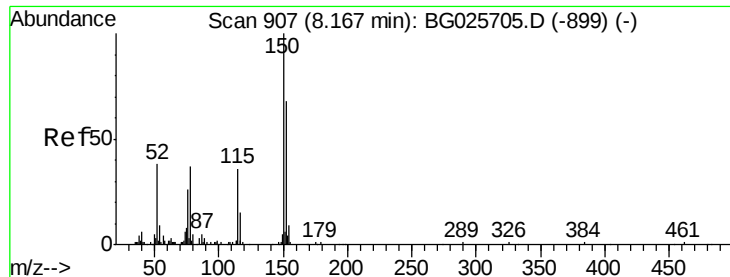
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG026073.D

Acq: 3 Mar 2017 21:07

Instrument :

BNA_G

ClientSampleId :

022817-PRRT-F-D-M

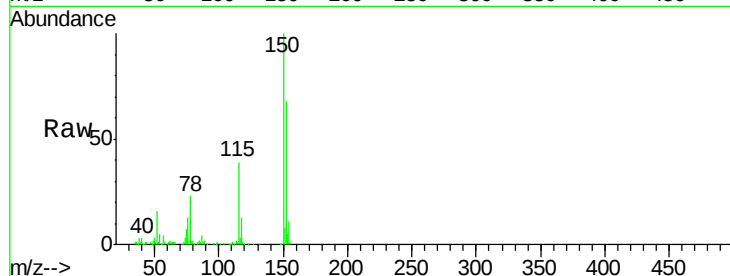
Tgt Ion:152 Resp: 124177

Ion Ratio Lower Upper

152 100

150 148.0 114.0 171.0

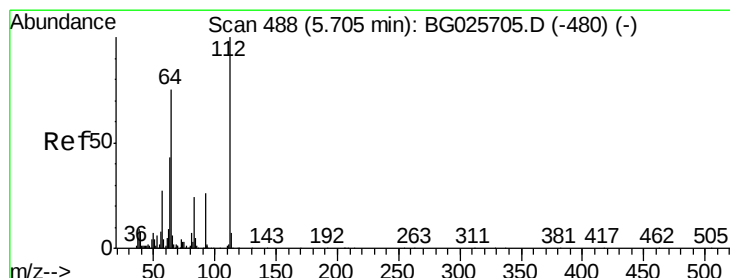
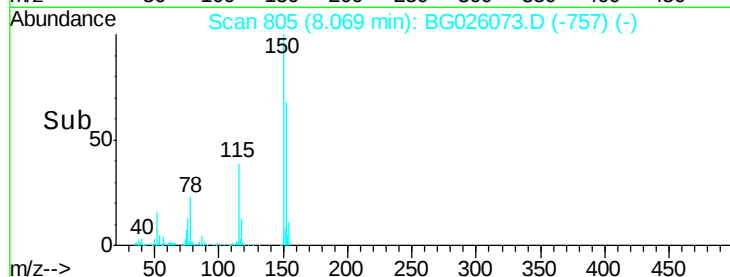
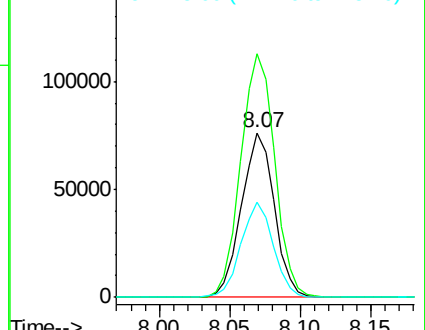
115 58.1 48.1 72.1



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: 32.47 ng

RT: 5.64 min Scan# 391

Delta R.T. -0.02 min

Lab File: BG026073.D

Acq: 3 Mar 2017 21:07

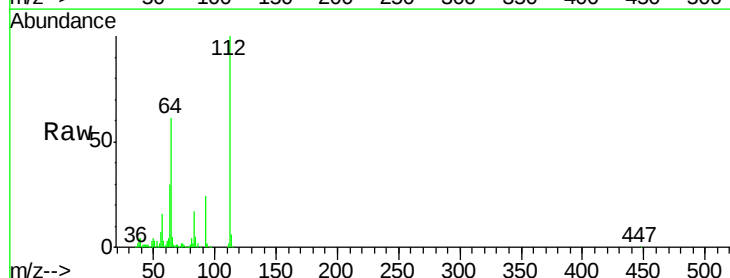
Tgt Ion:112 Resp: 231617

Ion Ratio Lower Upper

112 100

64 60.5 61.8 92.6#

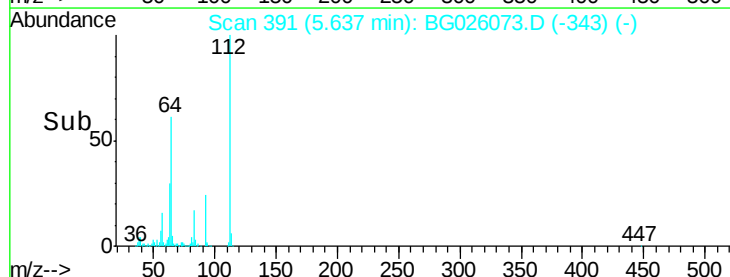
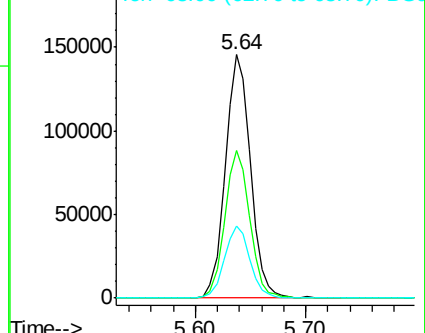
63 29.7 37.2 55.8#

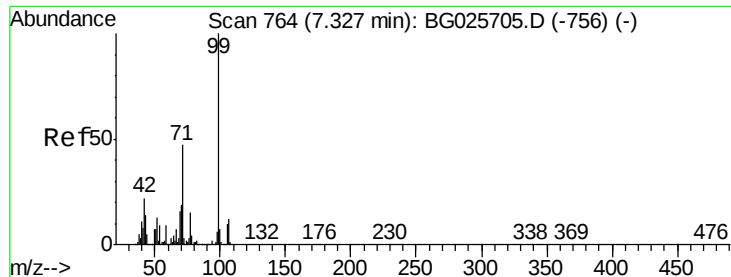


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 17.55 ng

RT: 7.22 min Scan# 660

Delta R.T. -0.02 min

Lab File: BG026073.D

Acq: 3 Mar 2017 21:07

Instrument :

BNA_G

ClientSampleId :

022817-PRRT-F-D-M

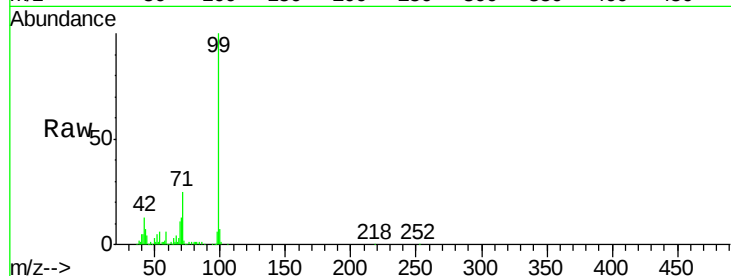
Tgt Ion: 99 Resp: 185188

Ion Ratio Lower Upper

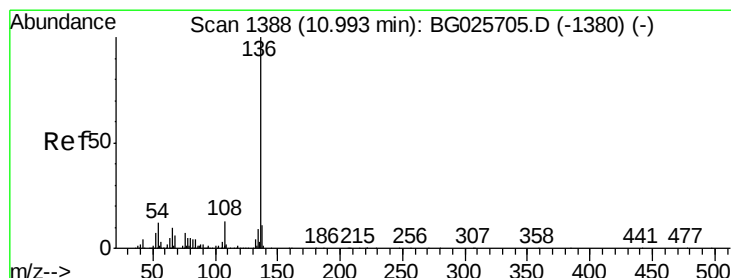
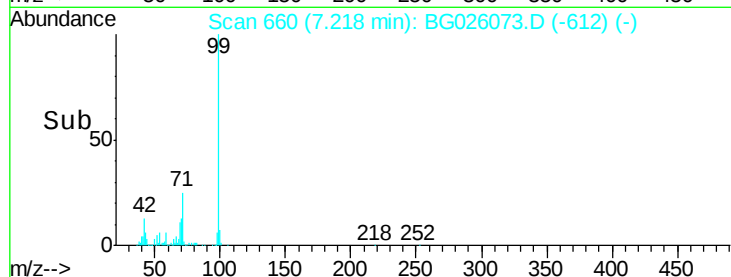
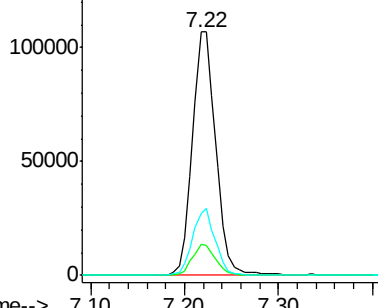
99 100

42 12.6 20.5 30.7#

71 25.4 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# 1282

Delta R.T. -0.02 min

Lab File: BG026073.D

Acq: 3 Mar 2017 21:07

Tgt Ion: 136 Resp: 516058

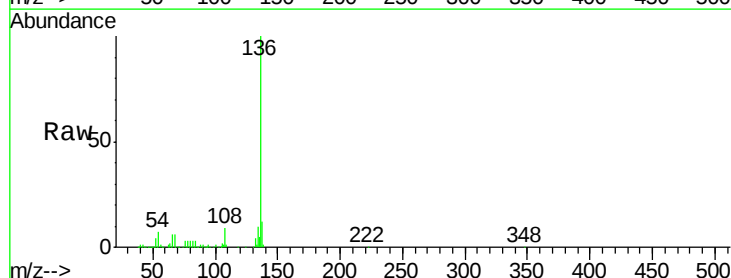
Ion Ratio Lower Upper

136 100

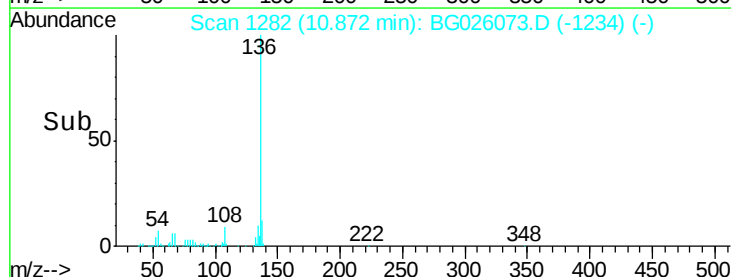
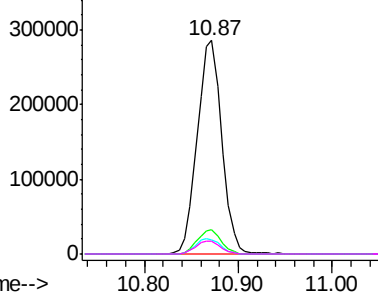
137 11.6 8.9 13.3

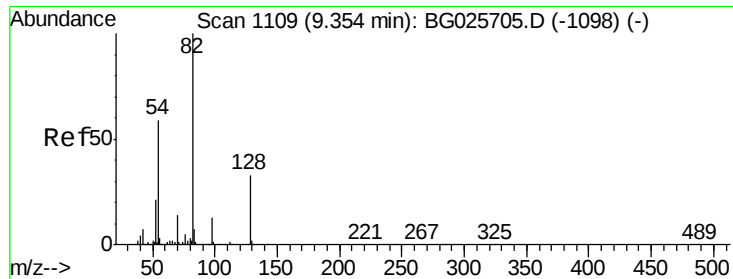
54 6.8 9.3 13.9#

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

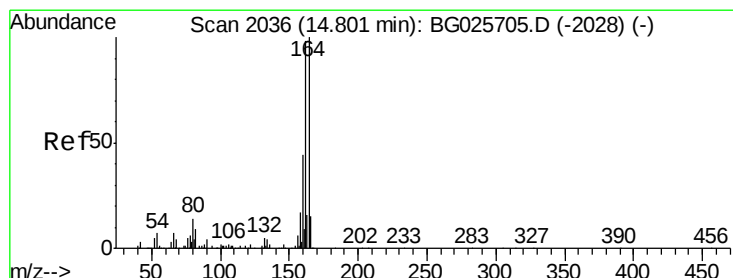
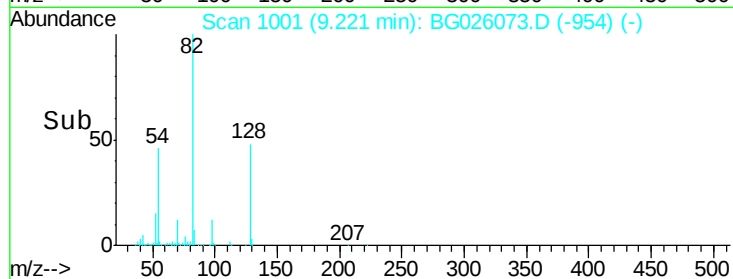
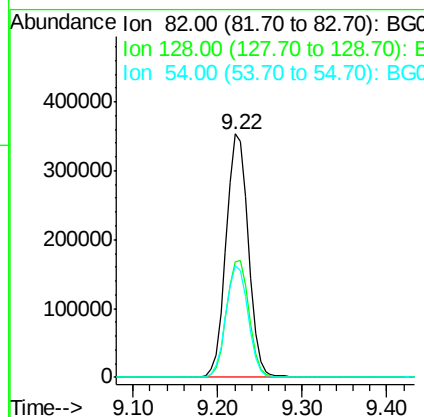
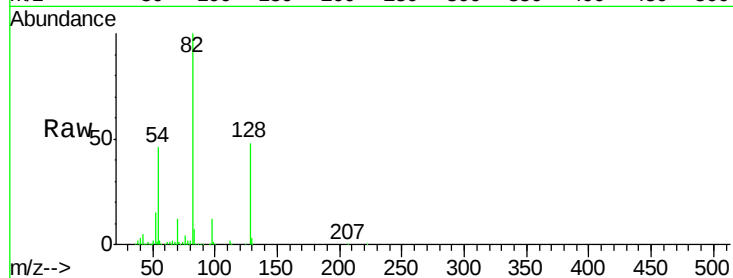




#23
 Nitrobenzene-d5
 Concen: 78.49 ng
 RT: 9.22 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BG026073.D
 Acq: 3 Mar 2017 21:07

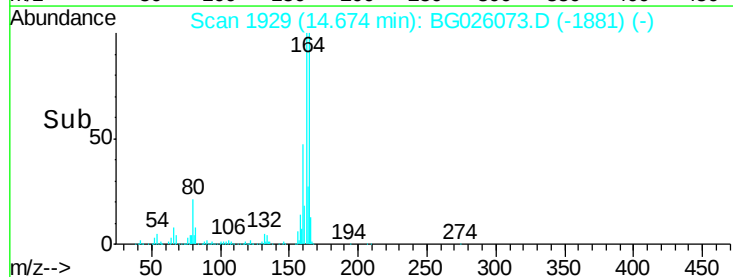
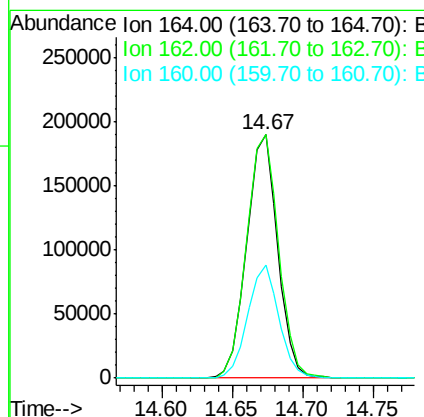
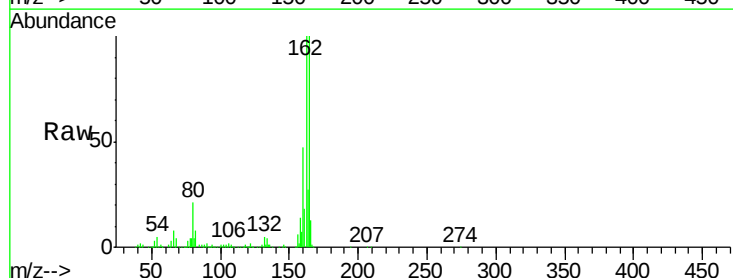
Instrument :
 BNA_G
 ClientSampleId :
 022817-PRRT-F-D-M

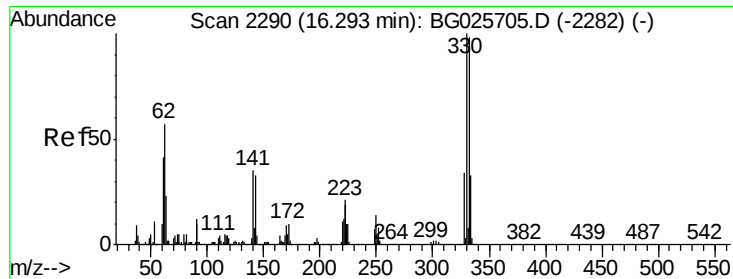
Tgt Ion: 82 Resp: 641805
 Ion Ratio Lower Upper
 82 100
 128 47.6 26.4 39.6#
 54 46.1 49.4 74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.67 min Scan# 1929
 Delta R.T. -0.02 min
 Lab File: BG026073.D
 Acq: 3 Mar 2017 21:07

Tgt Ion: 164 Resp: 293068
 Ion Ratio Lower Upper
 164 100
 162 99.8 85.1 127.7
 160 46.6 34.7 52.1

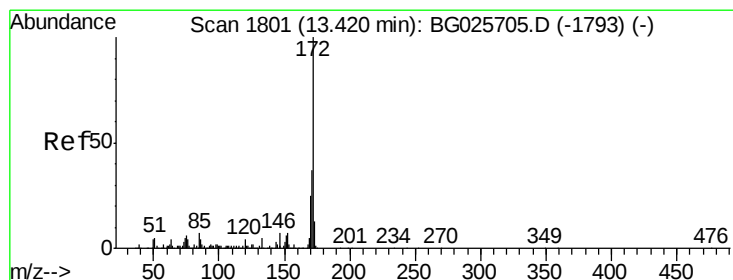
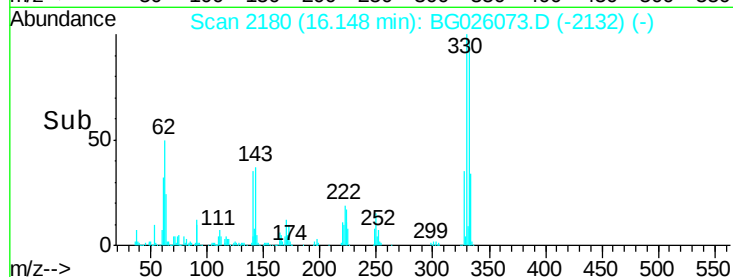
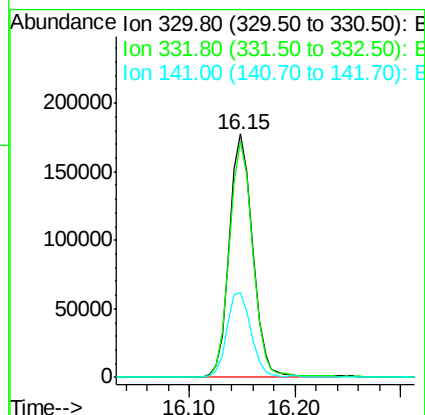
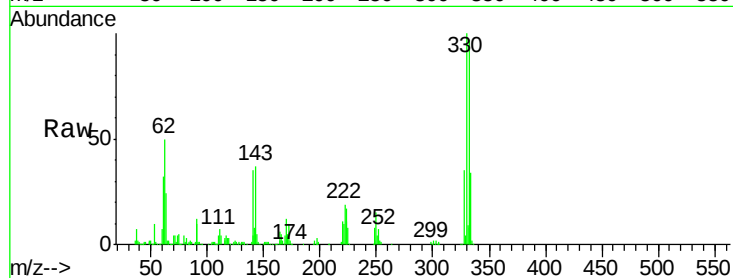




#41
 2,4,6-Tribromophenol
 Concen: 100.67 ng
 RT: 16.15 min Scan# 2180
 Delta R.T. -0.02 min
 Lab File: BG026073.D
 Acq: 3 Mar 2017 21:07

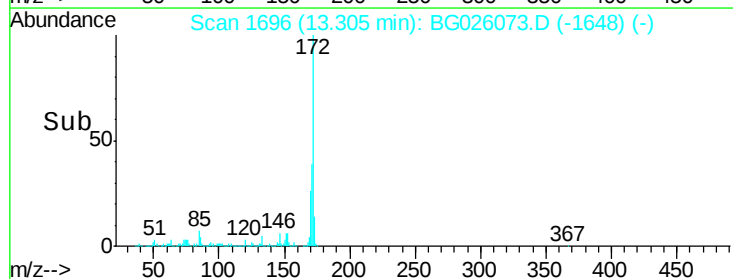
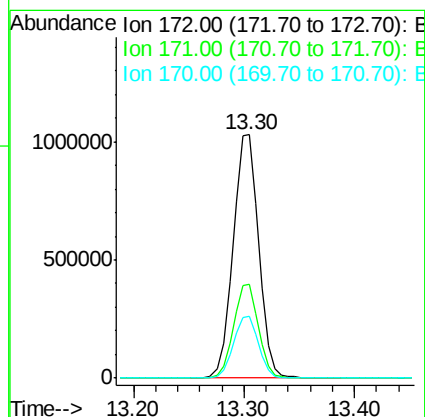
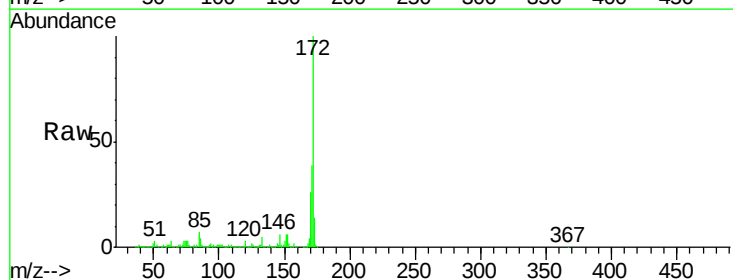
Instrument :
 BNA_G
 ClientSampleId :
 022817-PRRT-F-D-M

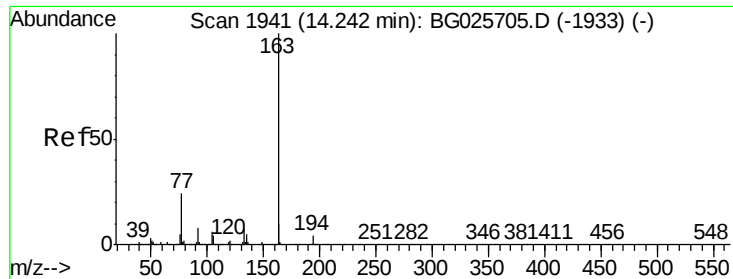
Tgt Ion: 330 Resp: 272577
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.3 115.9
 141 36.8 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 99.76 ng
 RT: 13.30 min Scan# 1696
 Delta R.T. -0.02 min
 Lab File: BG026073.D
 Acq: 3 Mar 2017 21:07

Tgt Ion: 172 Resp: 1673125
 Ion Ratio Lower Upper
 172 100
 171 38.8 32.2 48.2
 170 25.6 21.8 32.6





#49

Dimethylphthalate

Concen: 3.96 ng

RT: 14.12 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BG026073.D

Acq: 3 Mar 2017 21:07

Instrument :

BNA_G

ClientSampleId :

022817-PRRT-F-D-M

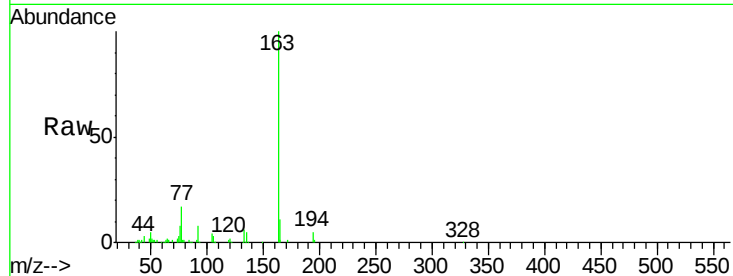
Tgt Ion:163 Resp: 79661

Ion Ratio Lower Upper

163 100

194 4.5 3.8 5.6

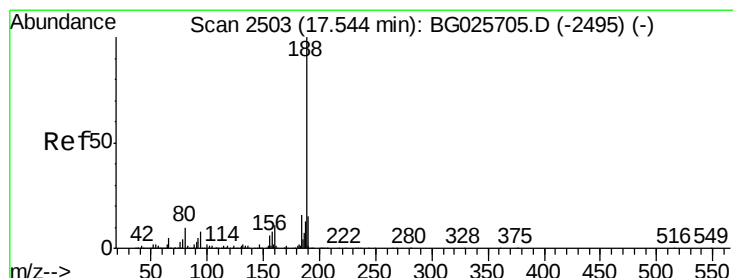
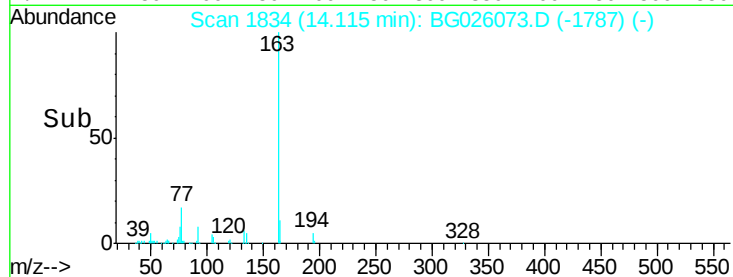
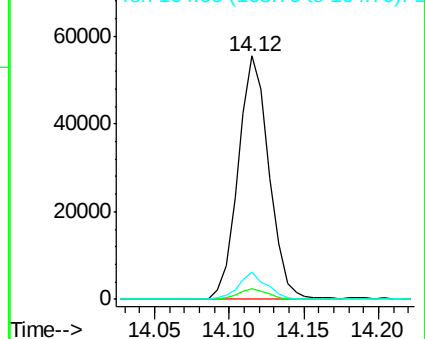
164 11.4 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.40 min Scan# 2393

Delta R.T. -0.02 min

Lab File: BG026073.D

Acq: 3 Mar 2017 21:07

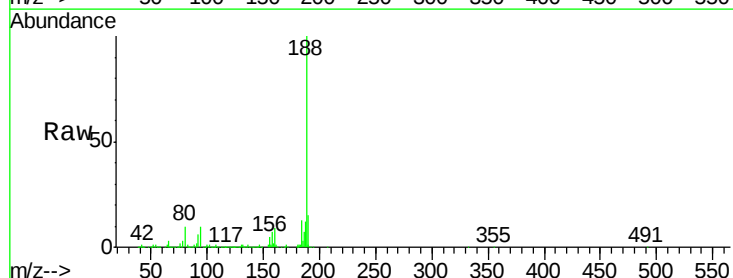
Tgt Ion:188 Resp: 674808

Ion Ratio Lower Upper

188 100

94 9.7 5.8 8.8#

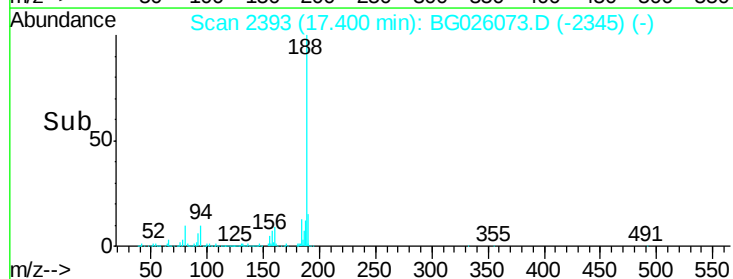
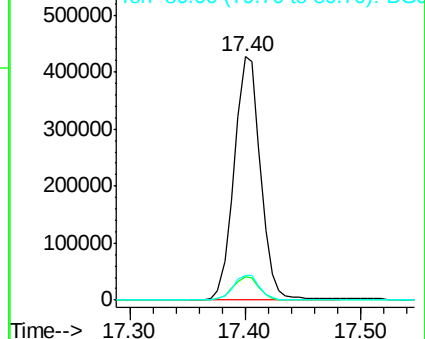
80 10.3 7.5 11.3

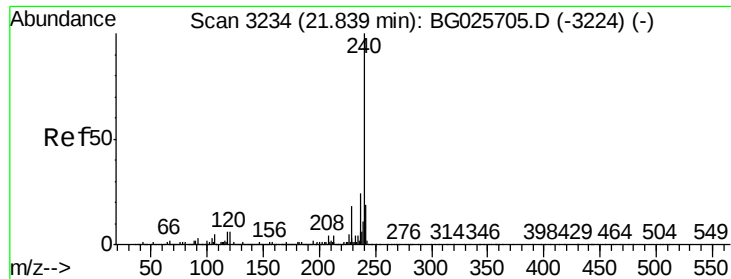


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.65 min Scan# 3116

Delta R.T. -0.03 min

Lab File: BG026073.D

Acq: 3 Mar 2017 21:07

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022817-PRRT-F-D-M

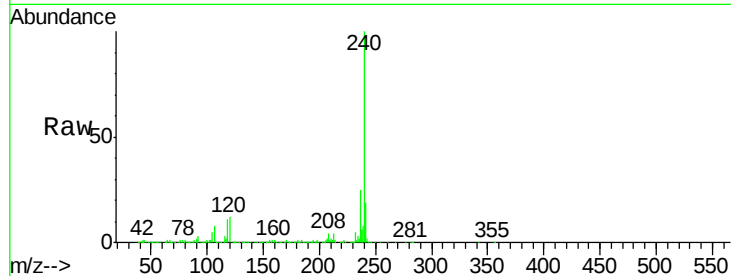
Tgt Ion:240 Resp: 630790

Ion Ratio Lower Upper

240 100

120 11.5 5.7 8.5#

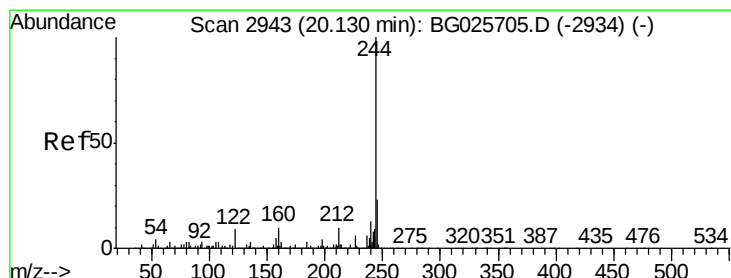
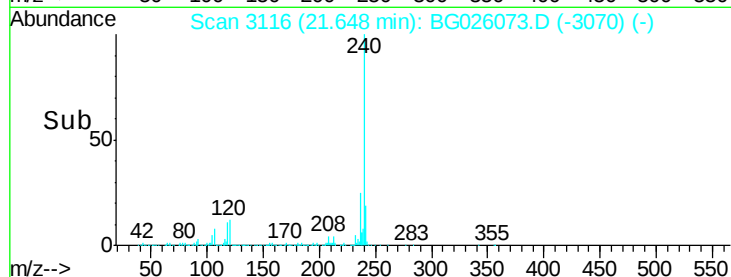
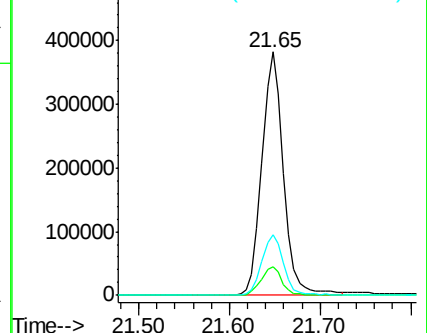
236 25.1 22.2 33.4



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: 83.61 ng

RT: 20.00 min Scan# 2835

Delta R.T. -0.02 min

Lab File: BG026073.D

Acq: 3 Mar 2017 21:07

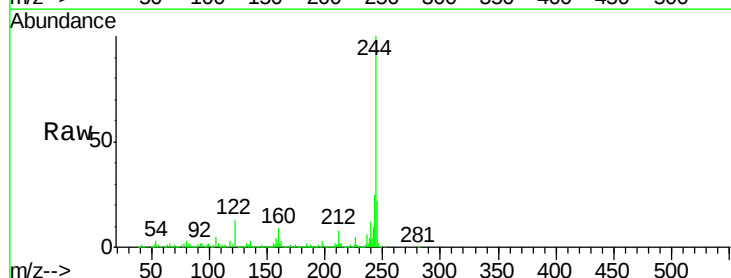
Tgt Ion:244 Resp: 2168444

Ion Ratio Lower Upper

244 100

212 8.4 10.0 15.0#

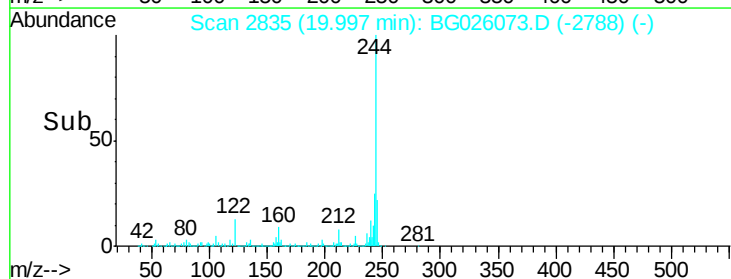
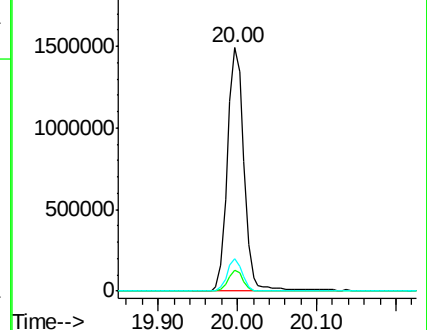
122 13.3 8.6 12.8#

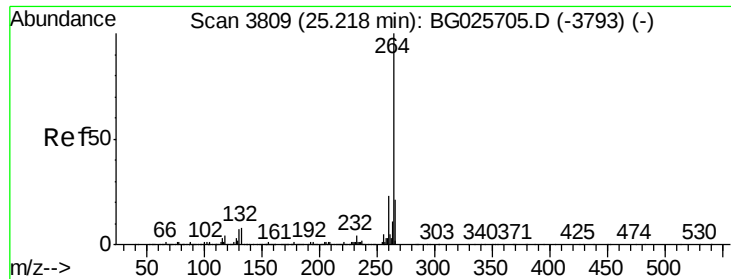


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3659

Delta R.T. -0.05 min

Lab File: BG026073.D

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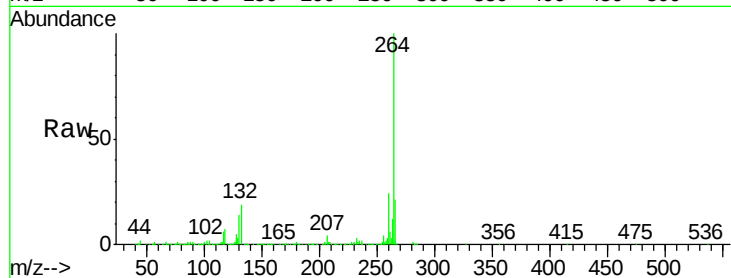
Tgt Ion:264 Resp: 599650

Ion Ratio Lower Upper

264 100

260 24.5 21.8 32.8

265 20.6 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

