

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030217\
 Data File : BG026031.D
 Acq On : 2 Mar 2017 15:59
 Operator : SJ/MA
 Sample : I2009-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 022417-PRRT-F-U-M

Quant Time: Mar 02 16:50:04 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	113493	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	460013	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	249627	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	569878	20.00	ng	-0.01
75) Chrysene-d12	21.65	240	536179	20.00	ng	-0.03
86) Perylene-d12	24.85	264	511372	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	303876	46.62	ng	-0.01
7) Phenol-d6	7.22	99	241867	25.07	ng	-0.01
23) Nitrobenzene-d5	9.23	82	692023	94.94	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	254127	110.19	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	1681229	117.68	ng	-0.02
78) Terphenyl-d14	20.00	244	2008869	91.12	ng	-0.02

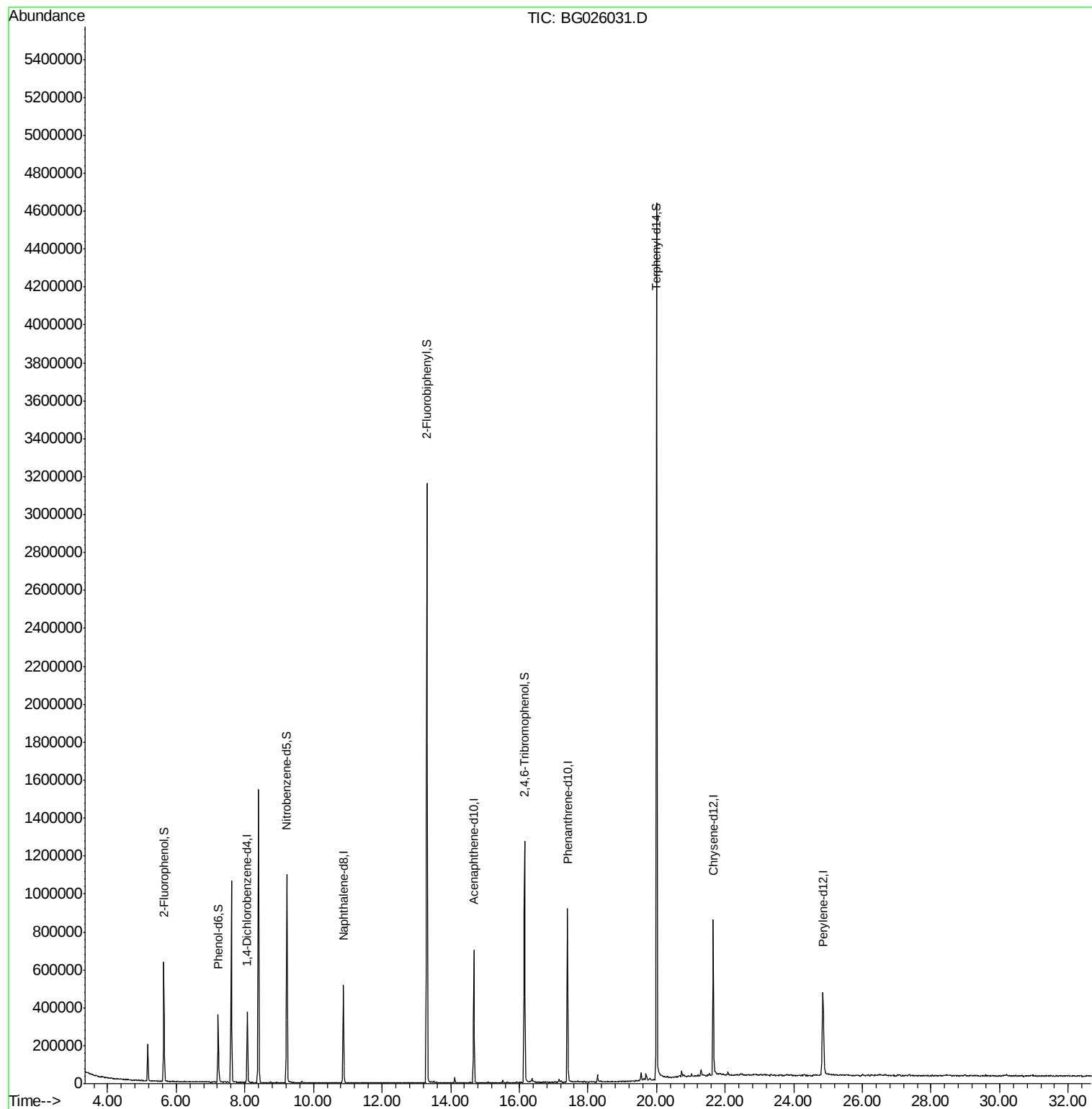
Target Compounds	Qvalue
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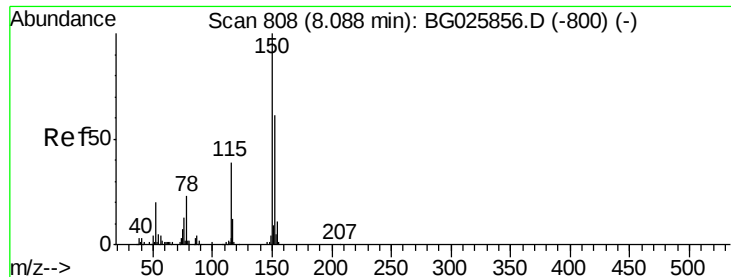
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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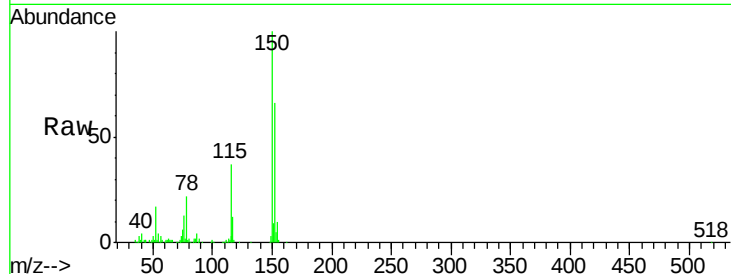


#1

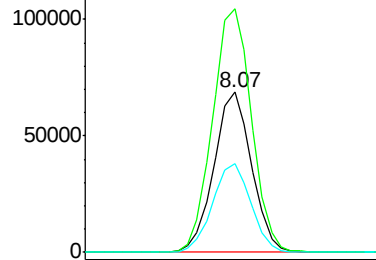
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.07 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BG026031.D
 Acq: 2 Mar 2017 15:59

Instrument :
 BNA_G
 ClientSampleId :
 022417-PRRT-F-U-M

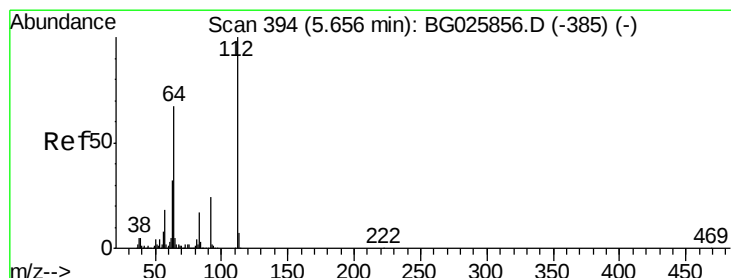
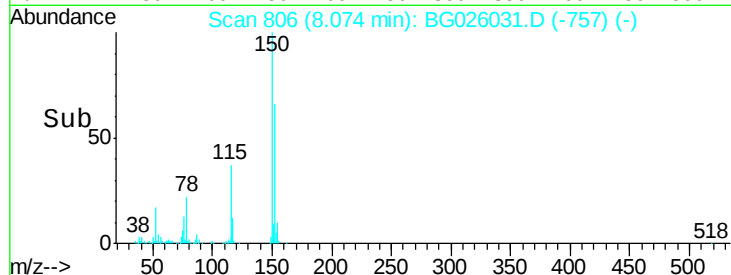
Tgt Ion:152 Resp: 113493
 Ion Ratio Lower Upper
 152 100
 150 152.2 114.0 171.0
 115 55.6 48.1 72.1



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



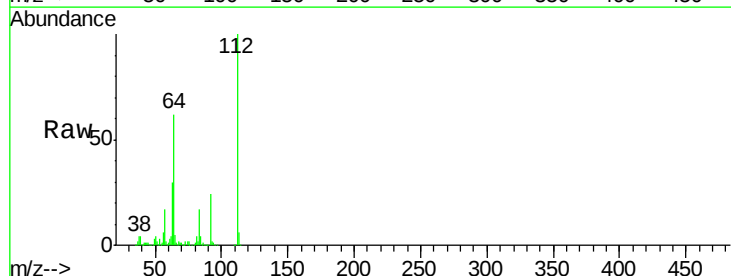
Time-->



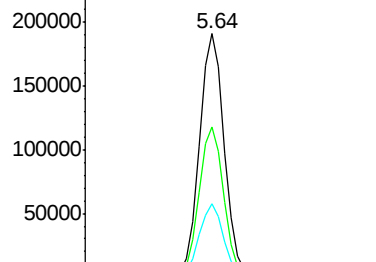
#5

2-Fluorophenol
 Concen: 46.62 ng
 RT: 5.64 min Scan# 392
 Delta R.T. -0.01 min
 Lab File: BG026031.D
 Acq: 2 Mar 2017 15:59

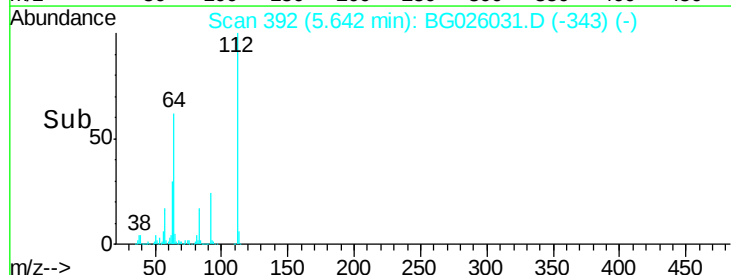
Tgt Ion:112 Resp: 303876
 Ion Ratio Lower Upper
 112 100
 64 61.5 61.8 92.6#
 63 30.0 37.2 55.8#

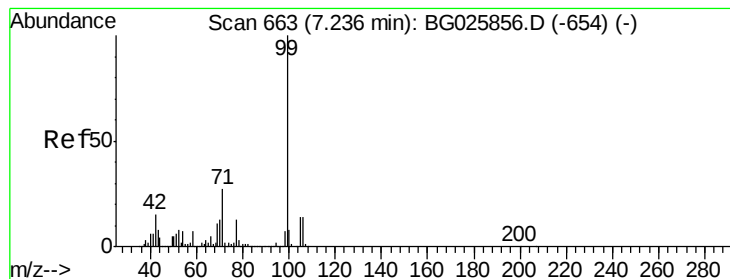


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC



Time-->





#7

Phenol-d6

Concen: 25.07 ng

RT: 7.22 min Scan# 661

Delta R.T. -0.01 min

Lab File: BG026031.D

Acq: 2 Mar 2017 15:59

Instrument :

BNA_G

ClientSampleId :

022417-PRRT-F-U-M

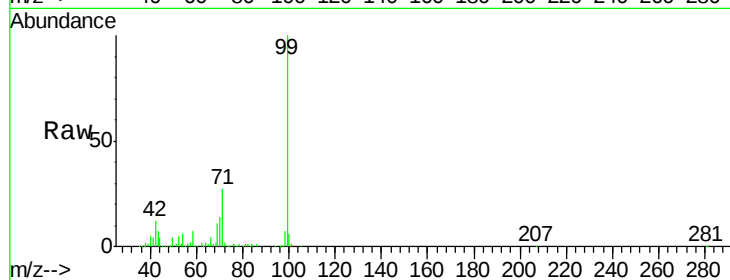
Tgt Ion: 99 Resp: 241867

Ion Ratio Lower Upper

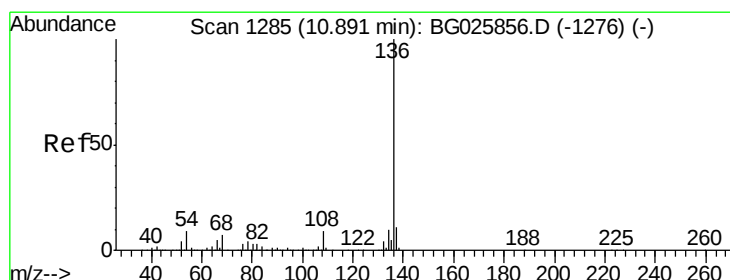
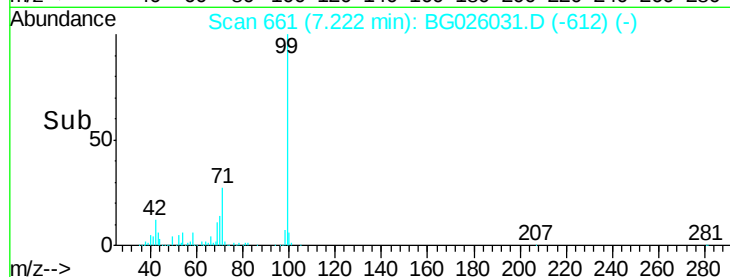
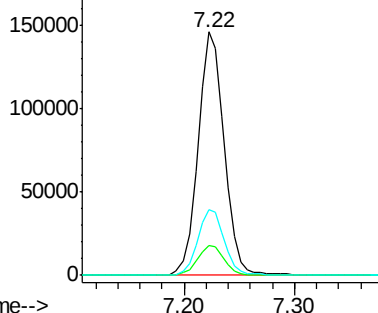
99 100

42 12.3 20.5 30.7#

71 26.8 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: BG026031.D

Acq: 2 Mar 2017 15:59

Tgt Ion: 136 Resp: 460013

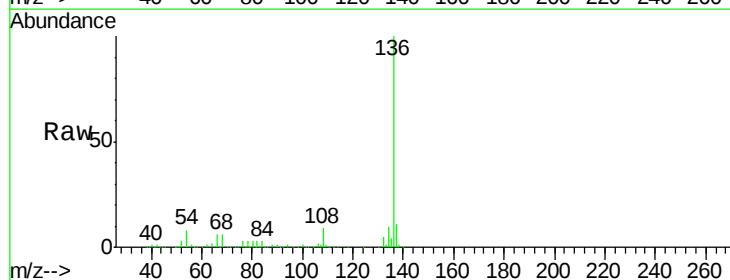
Ion Ratio Lower Upper

136 100

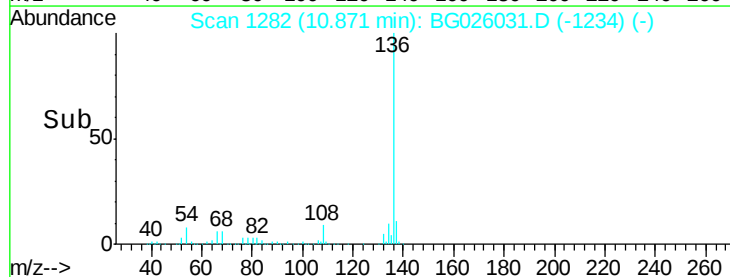
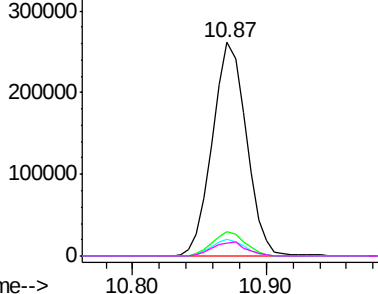
137 11.2 8.9 13.3

54 7.9 9.3 13.9#

68 6.0 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

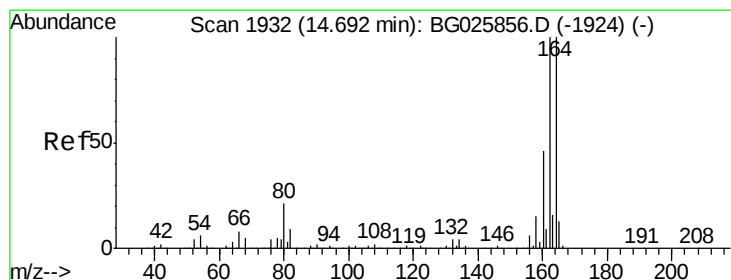
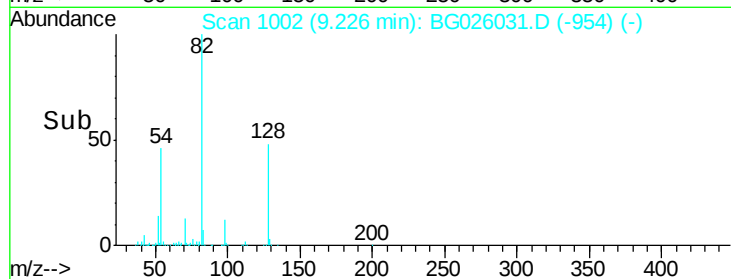
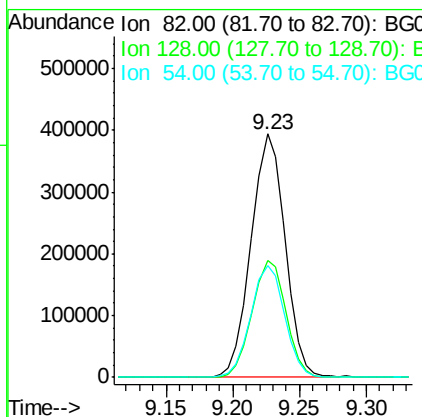
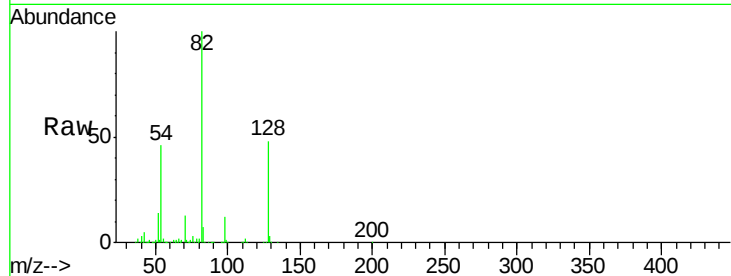




#23
Nitrobenzene-d5
Concen: 94.94 ng
RT: 9.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG026031.D
Acq: 2 Mar 2017 15:59

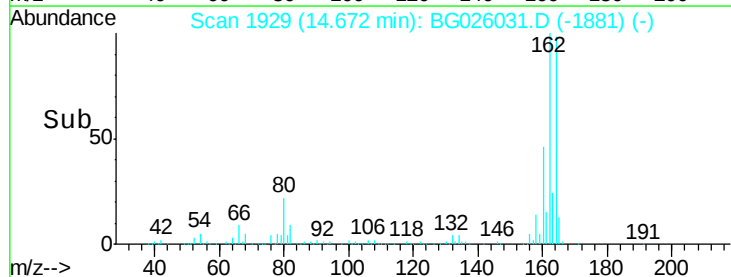
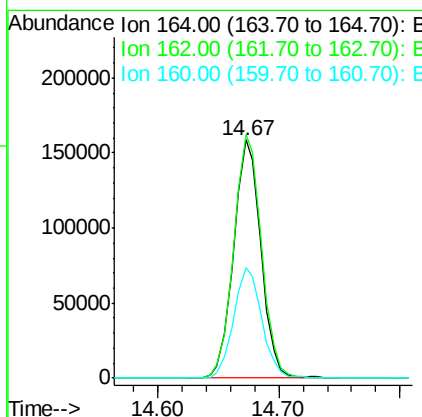
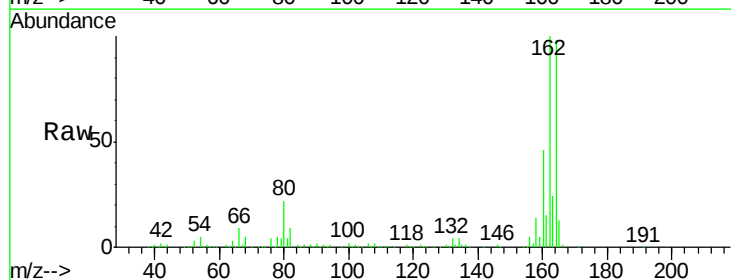
Instrument :
BNA_G
ClientSampleId :
022417-PRRT-F-U-M

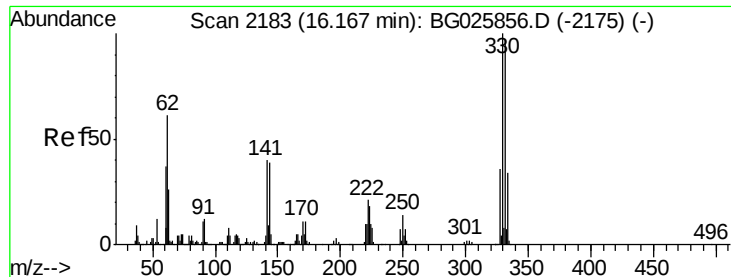
Tgt Ion: 82 Resp: 692023
Ion Ratio Lower Upper
82 100
128 47.8 26.4 39.6#
54 45.9 49.4 74.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.67 min Scan# 1929
Delta R.T. -0.02 min
Lab File: BG026031.D
Acq: 2 Mar 2017 15:59

Tgt Ion: 164 Resp: 249627
Ion Ratio Lower Upper
164 100
162 102.3 85.1 127.7
160 46.7 34.7 52.1

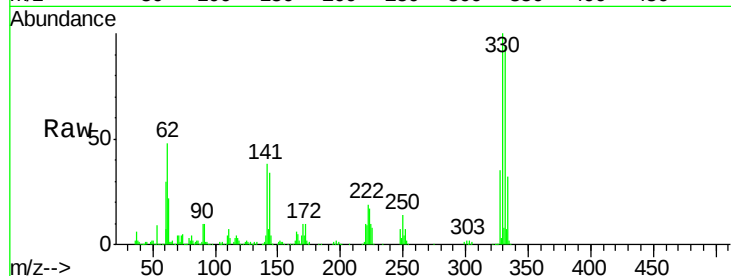




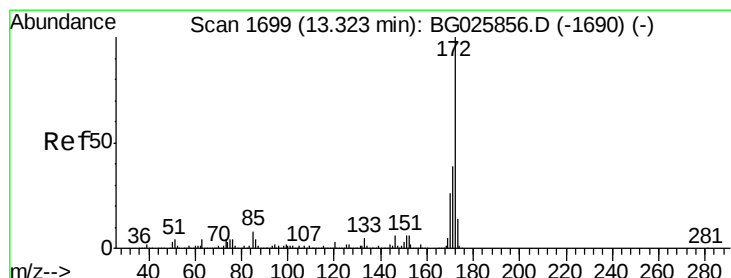
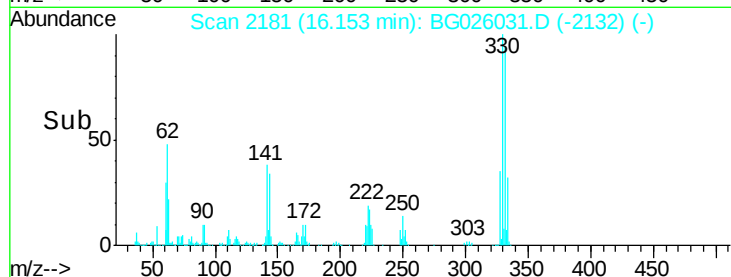
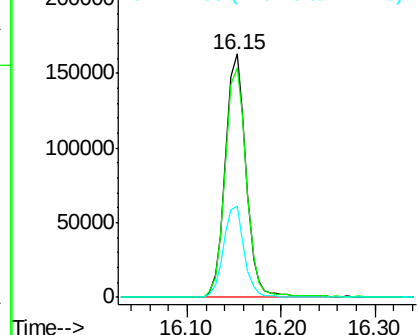
#41
 2,4,6-Tribromophenol
 Concen: 110.19 ng
 RT: 16.15 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BG026031.D
 Acq: 2 Mar 2017 15:59

Instrument :
 BNA_G
 ClientSampleId :
 022417-PRRT-F-U-M

Tgt Ion:330 Resp: 254127
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.3 115.9
 141 37.6 32.1 48.1

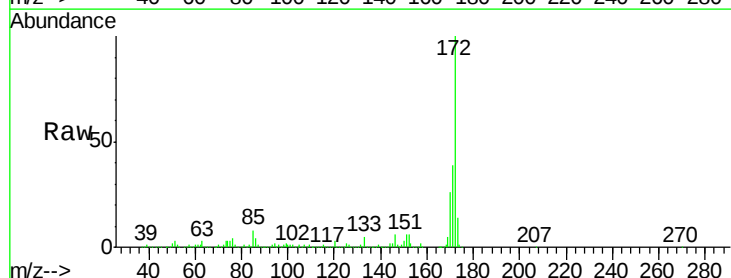


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

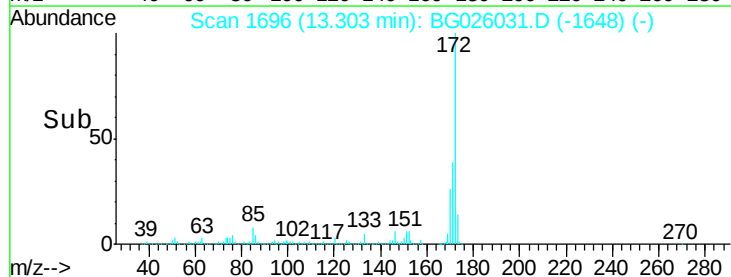
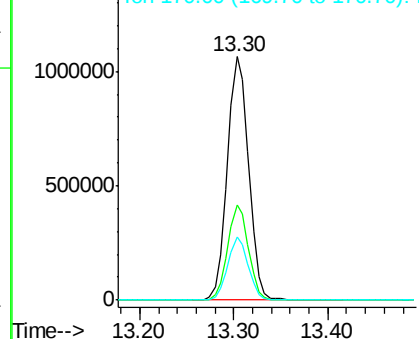


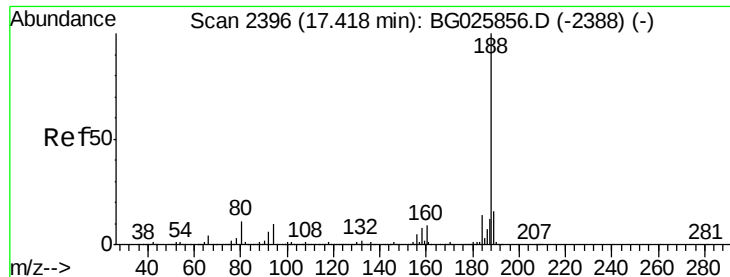
#44
 2-Fluorobiphenyl
 Concen: 117.68 ng
 RT: 13.30 min Scan# 1696
 Delta R.T. -0.02 min
 Lab File: BG026031.D
 Acq: 2 Mar 2017 15:59

Tgt Ion:172 Resp: 1681229
 Ion Ratio Lower Upper
 172 100
 171 39.0 32.2 48.2
 170 25.8 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# 2394

Delta R.T. -0.01 min

Lab File: BG026031.D

Acq: 2 Mar 2017 15:59

Instrument :

BNA_G

ClientSampleId :

022417-PRRT-F-U-M

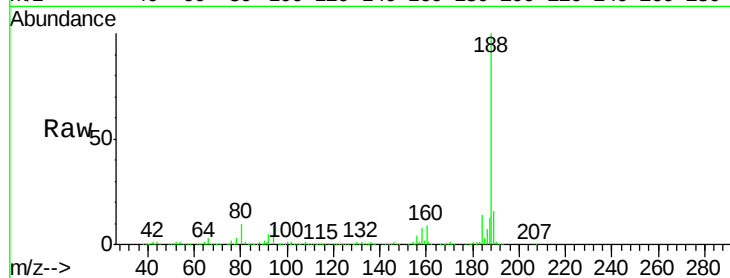
Tgt Ion:188 Resp: 569878

Ion Ratio Lower Upper

188 100

94 9.0 5.8 8.8#

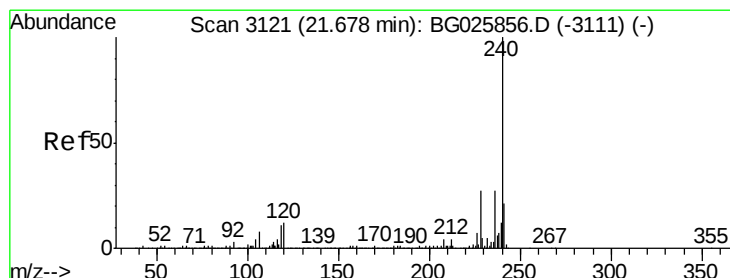
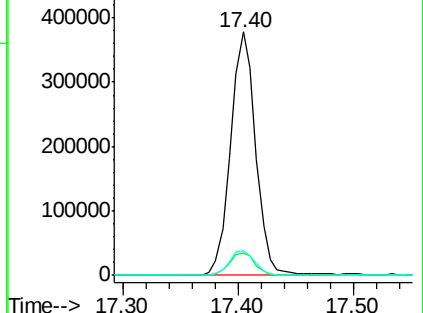
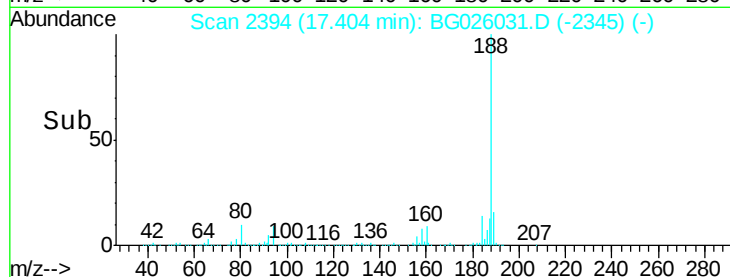
80 9.9 7.5 11.3



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# 3117

Delta R.T. -0.03 min

Lab File: BG026031.D

Acq: 2 Mar 2017 15:59

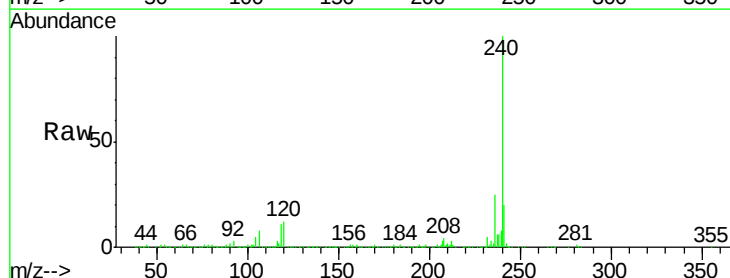
Tgt Ion:240 Resp: 536179

Ion Ratio Lower Upper

240 100

120 12.2 5.7 8.5#

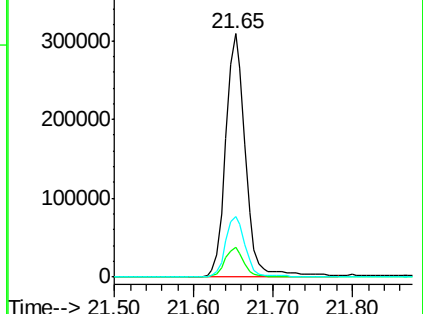
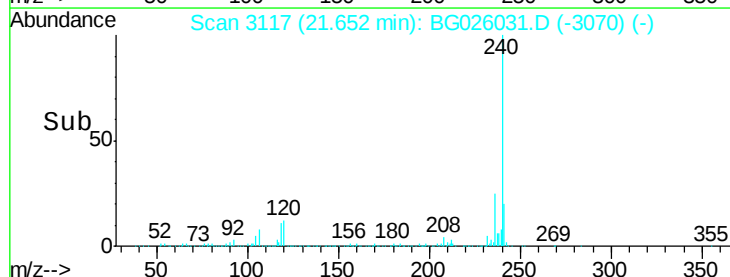
236 25.0 22.2 33.4

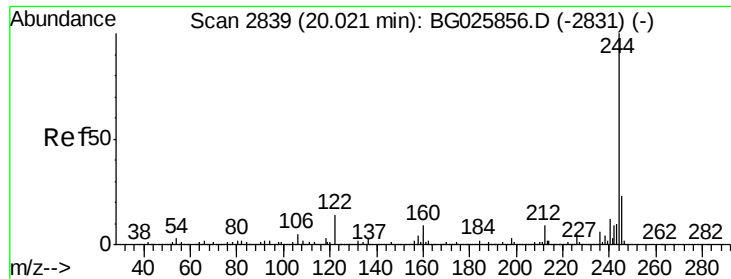


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 91.12 ng

RT: 20.00 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BG026031.D

Acq: 2 Mar 2017 15:59

Instrument :

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ClientSampleId :

022417-PRRT-F-U-M

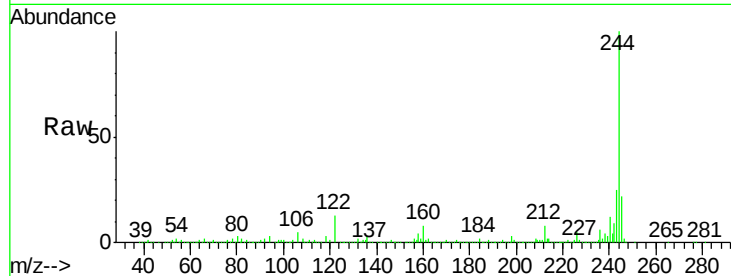
Tgt Ion:244 Resp: 2008869

Ion Ratio Lower Upper

244 100

212 8.2 10.0 15.0#

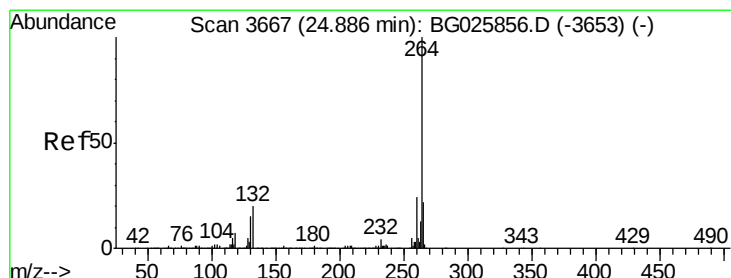
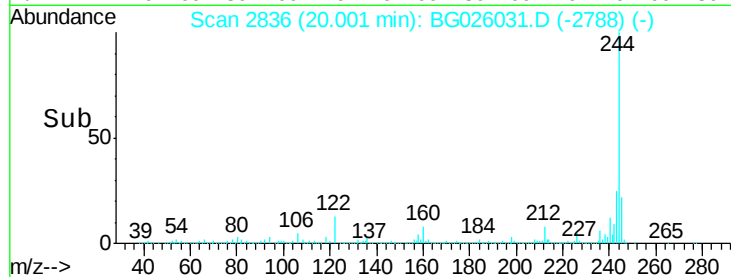
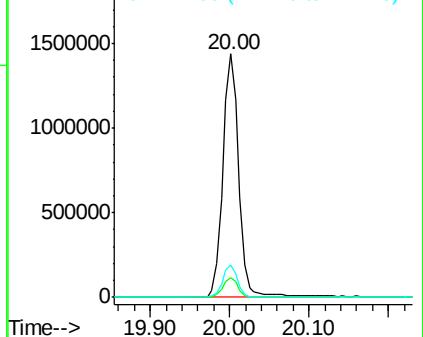
122 13.3 8.6 12.8#



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: 24.85 min Scan# 3661

Delta R.T. -0.04 min

Lab File: BG026031.D

Acq: 2 Mar 2017 15:59

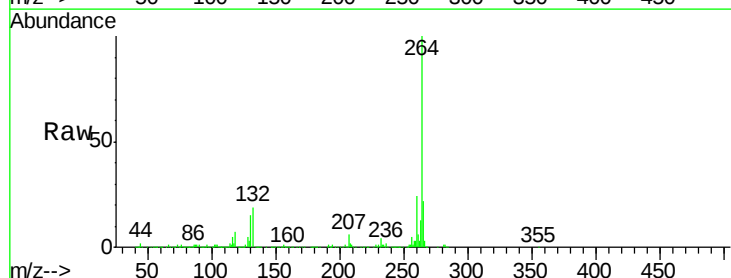
Tgt Ion:264 Resp: 511372

Ion Ratio Lower Upper

264 100

260 24.2 21.8 32.8

265 21.7 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

