

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

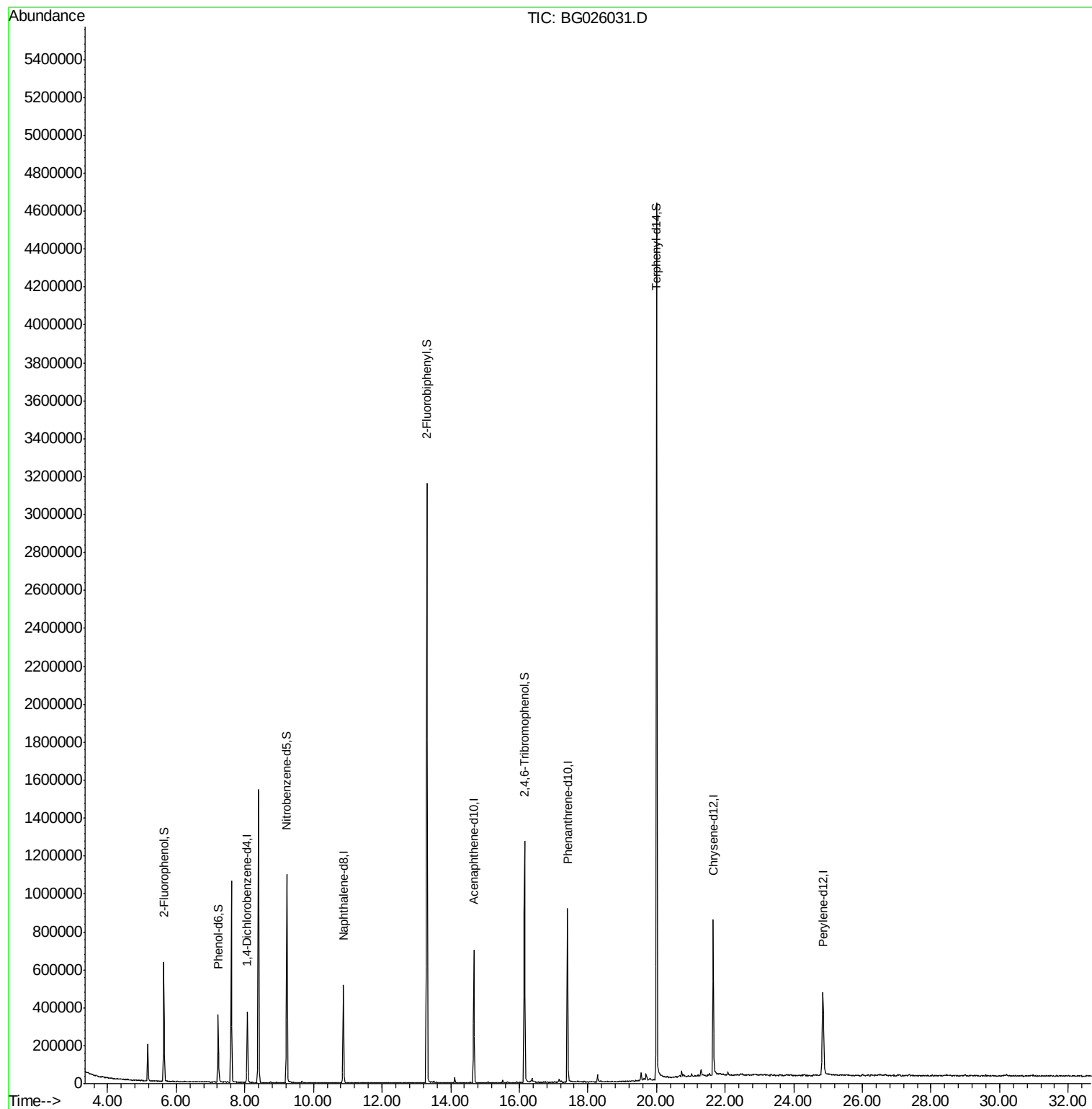
Target Compounds Qvalue

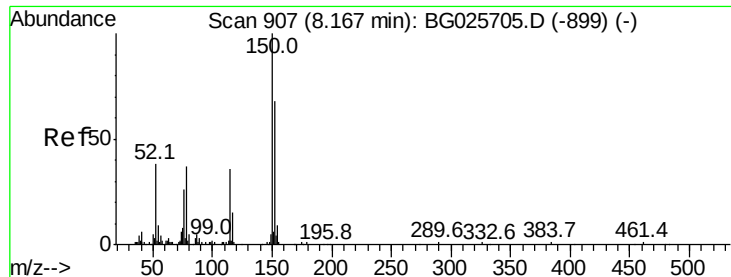
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

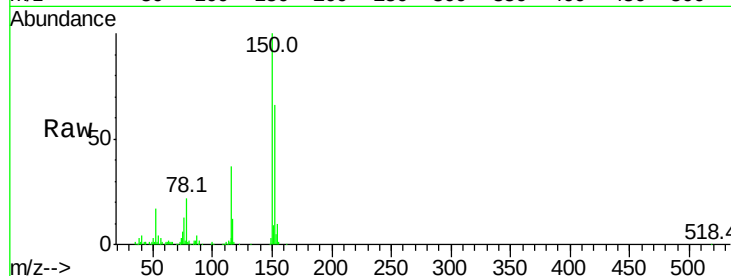
Tot Ion:152 Resp: 113493

Ion Ratio Lower Upper

152 100

150 152.2 114.0 171.0

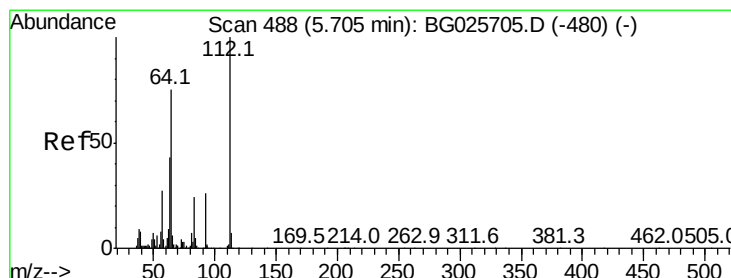
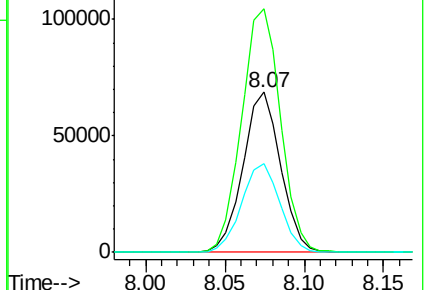
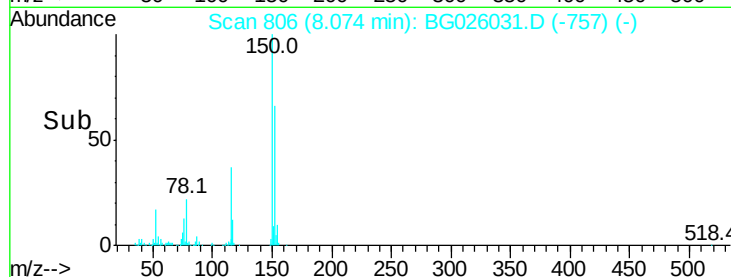
115 55.6 48.1 72.1



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



#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

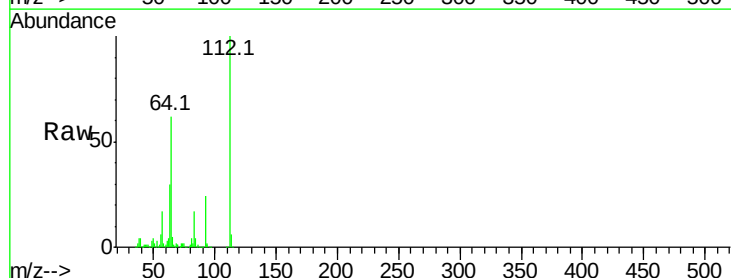
Tgt Ion:112 Resp: 303876

Ion Ratio Lower Upper

112 100

64 61.5 61.8 92.6#

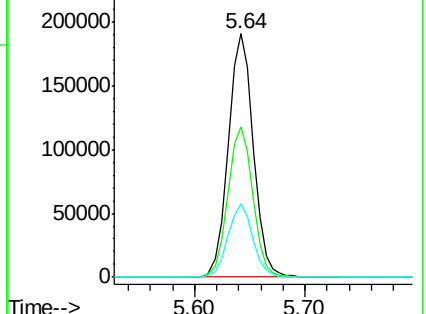
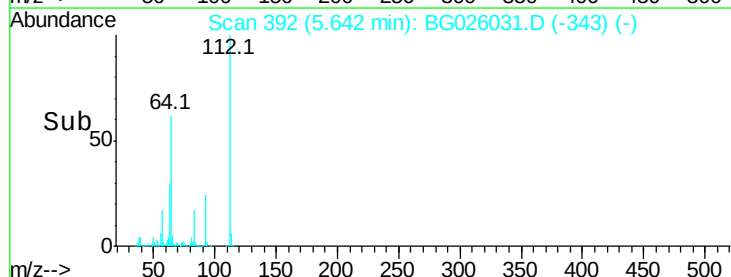
63 30.0 37.2 55.8#

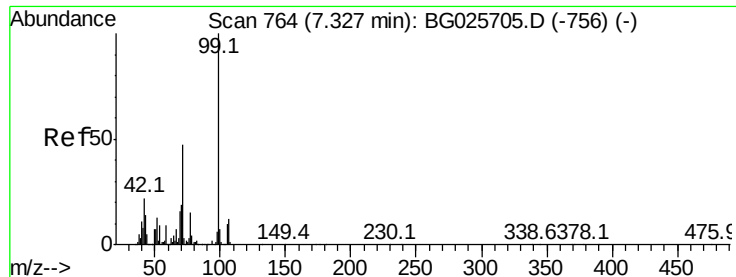


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#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

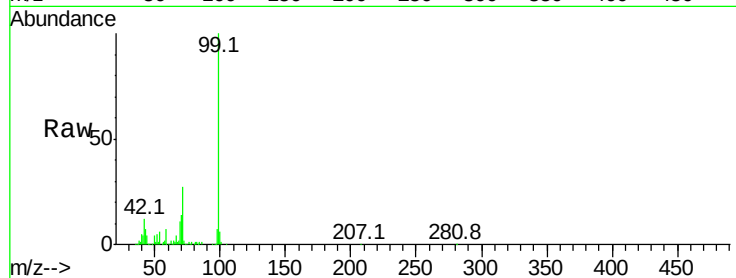
Tot Ion: 99 Resp: 241867

Ion Ratio Lower Upper

99 100

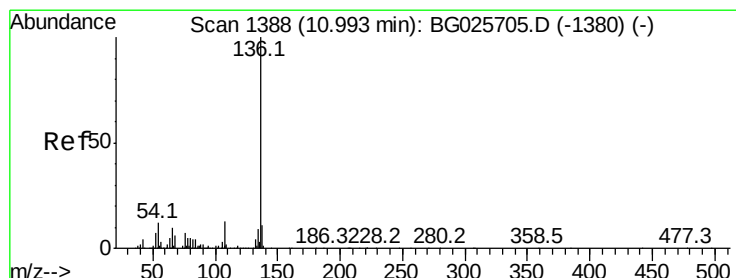
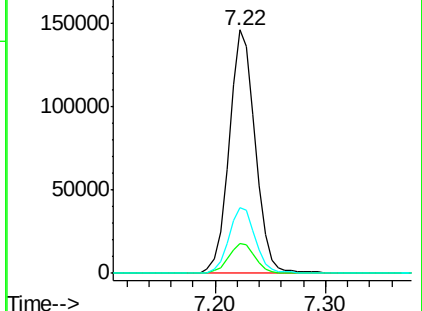
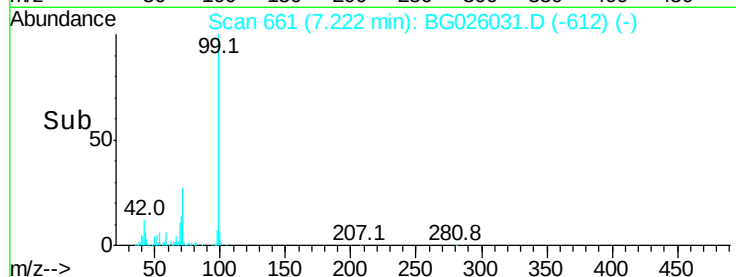
42 12.3 20.5 30.7#

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

7.22



#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

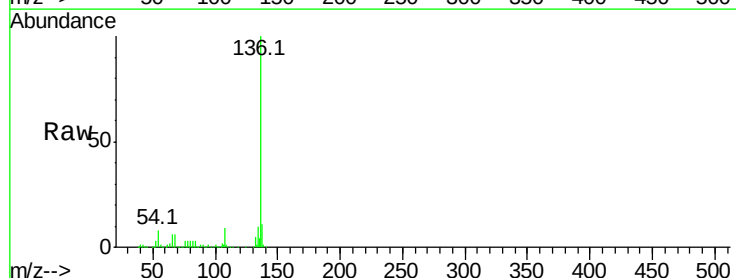
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

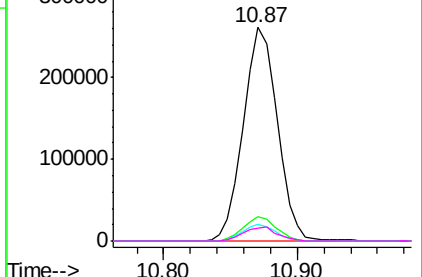
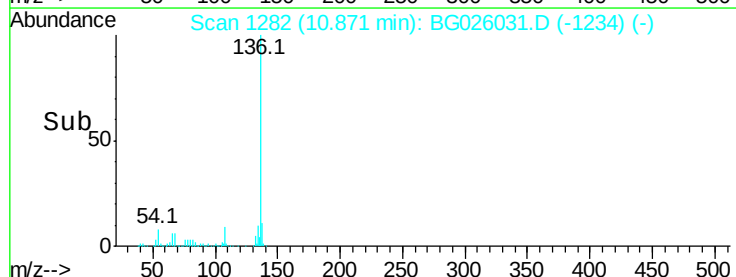
54 7.9 9.3 13.9#

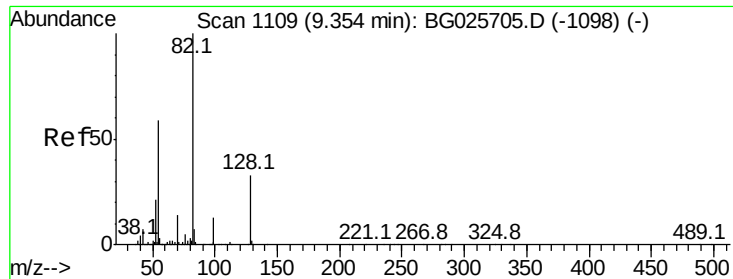
68 6.0 5.1 7.7



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

10.87

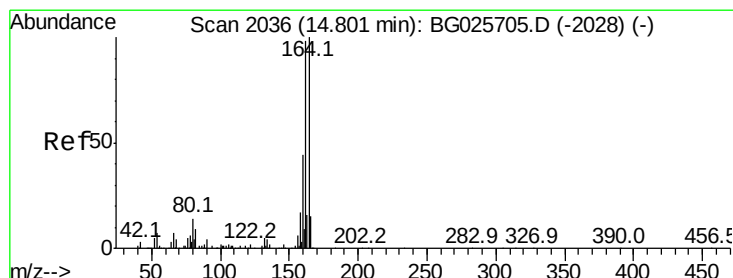
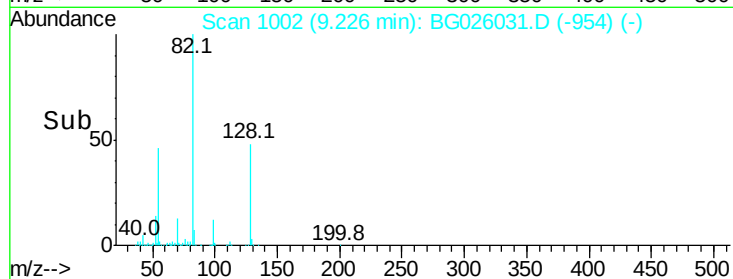
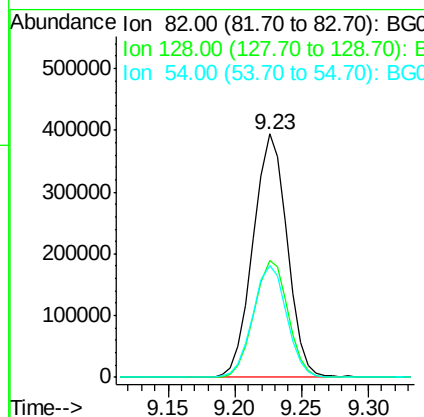
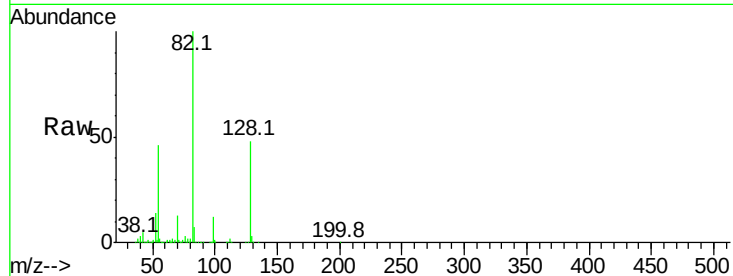




#23
 Nitrobenzene-d5
 Concen: 94.94 ng
 RT: 9.23 min Scan# 1002
 Delta R.T. -0.02 min
 Lab File: BG026031.D
 Acq: 2 Mar 2017 15:59

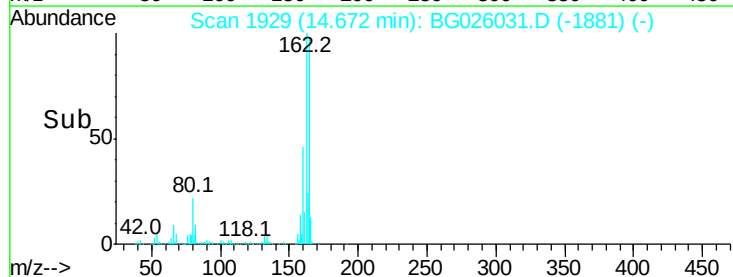
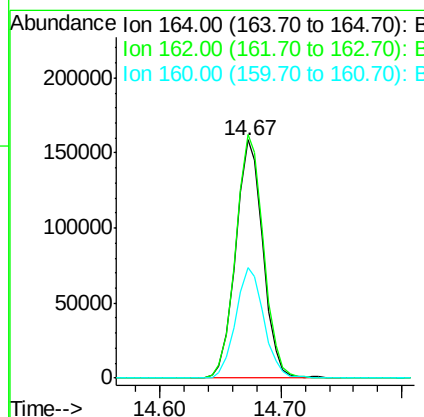
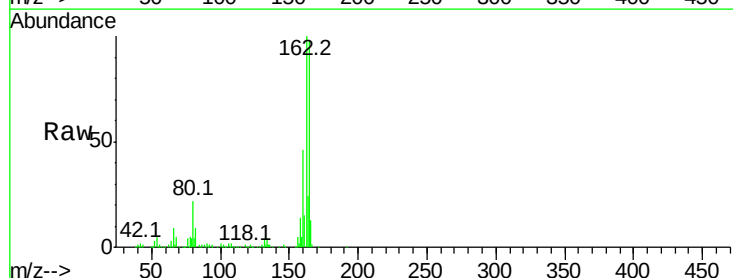
Instrument :
 BNA_G
 ClientSampleId :
 022417-PRRT-F-U-M

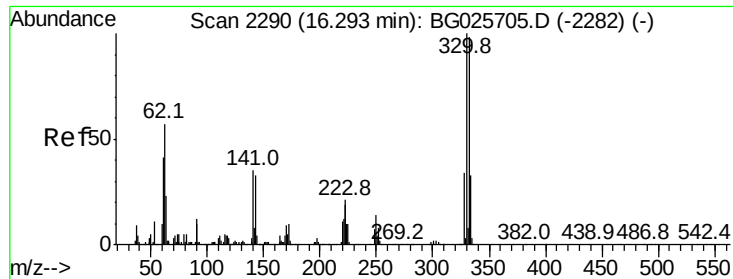
Tot Ion: 82 Resp: 692023
 Ion Ratio Lower Upper
 82 100
 128 47.8 26.4 39.6#
 54 45.9 49.4 74.2#



#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

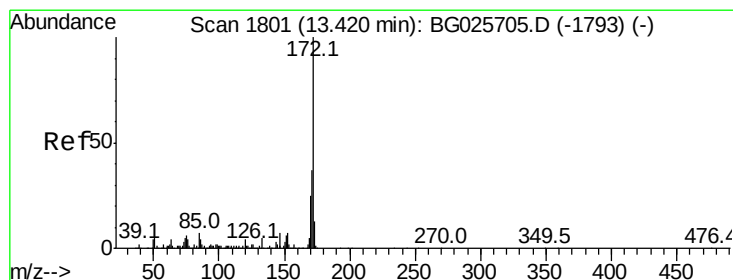
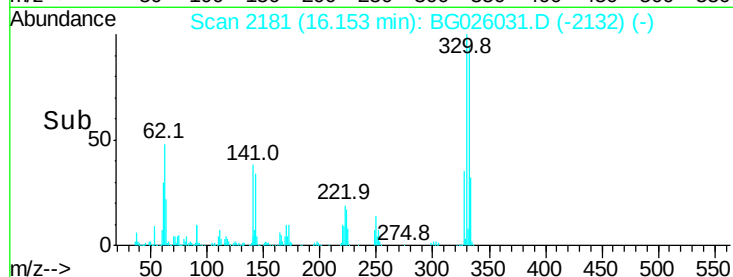
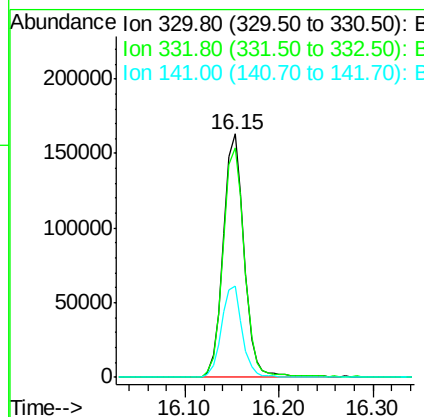
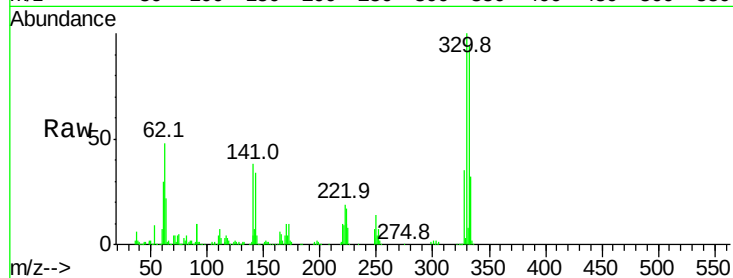




#41
 2,4,6-Tribromophenol
 Concen: 110.19 ng
 RT: 16.15 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BG026031.D
 Acq: 2 Mar 2017 15:59

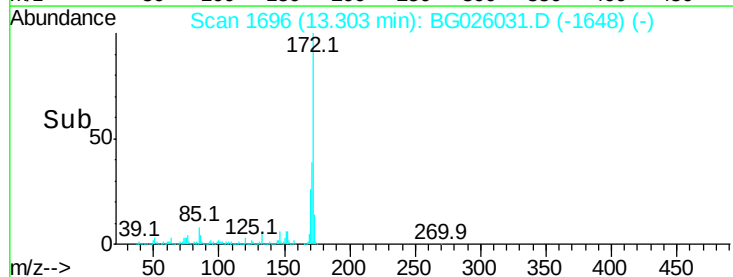
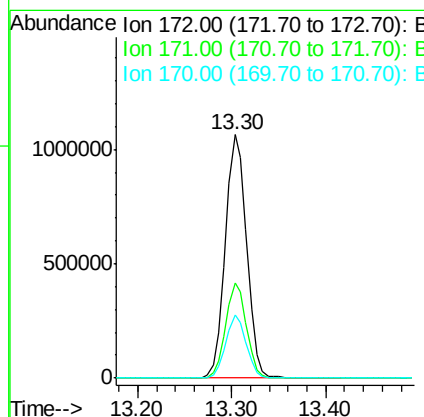
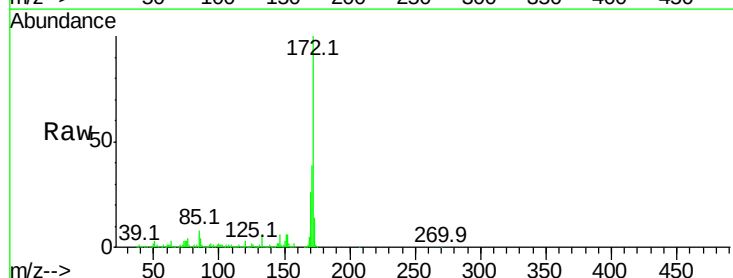
Instrument :
 BNA_G
 ClientSampleId :
 022417-PRRT-F-U-M

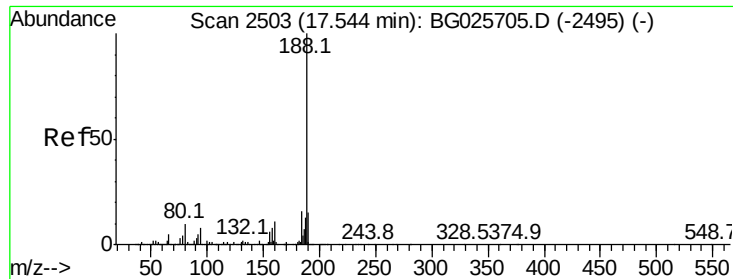
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	37.6	32.1	48.1



#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	Ratio	Lower	Upper
172	100		
171	39.0	32.2	48.2
170	25.8	21.8	32.6





#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

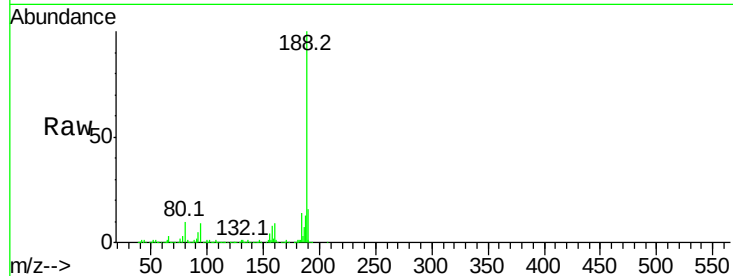
Tot Ion:188 Resp: 569878

Ion Ratio Lower Upper

188 100

94 9.0 5.8 8.8#

80 9.9 7.5 11.3

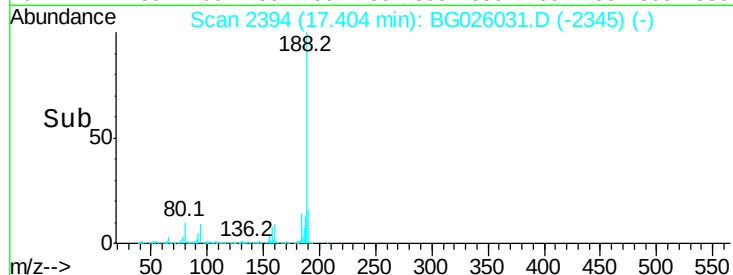


Abundance Ion 188.00 (187.70 to 188.70): E

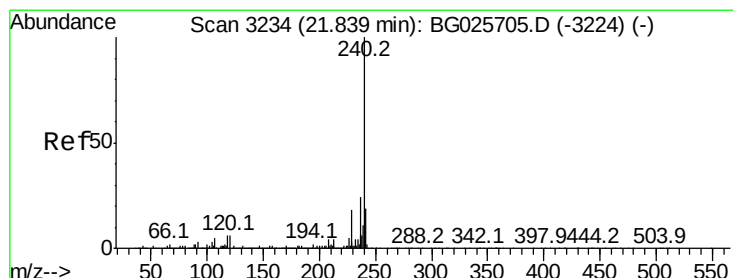
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

17.40



Time--> 17.30 17.40 17.50



#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

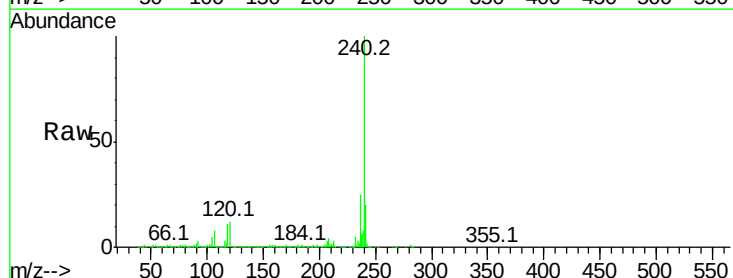
Tgt Ion:240 Resp: 536179

Ion Ratio Lower Upper

240 100

120 12.2 5.7 8.5#

236 25.0 22.2 33.4

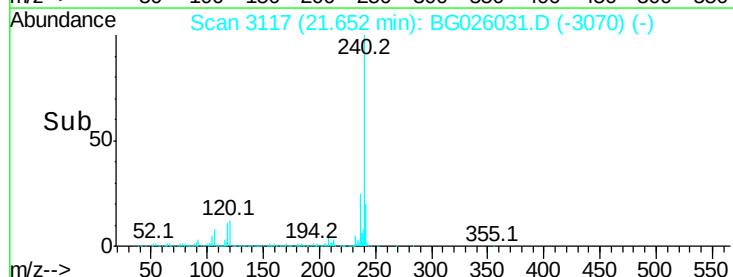


Abundance Ion 240.00 (239.70 to 240.70): E

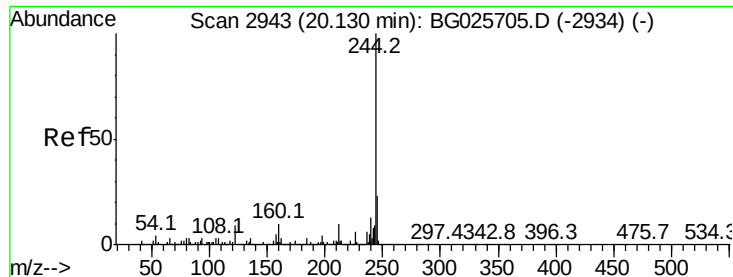
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.65



Time--> 21.50 21.60 21.70 21.80



#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 :

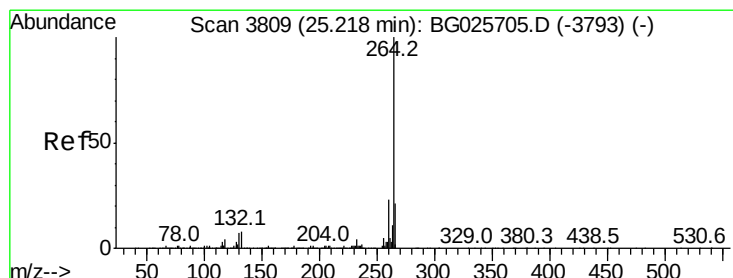
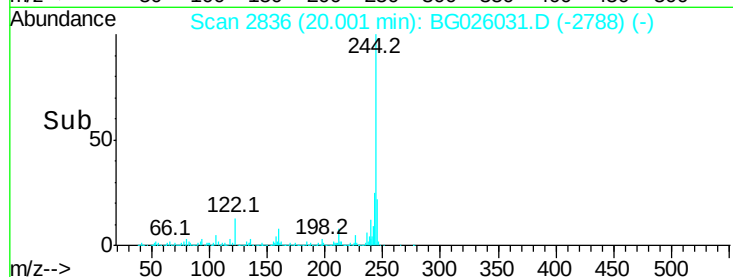
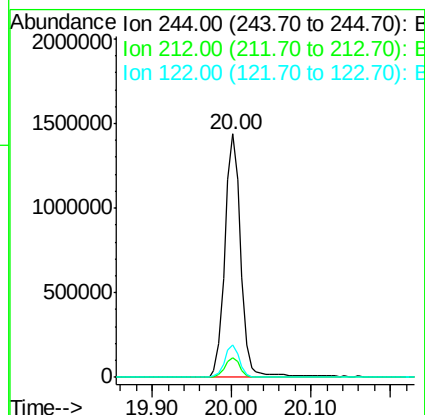
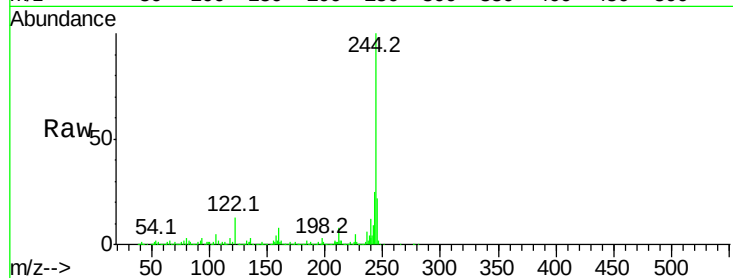
BNA_G

ClientSampleId :

022417-PRRT-F-U-M

Tot Ion:244 Resp: 2008869

Ion	Ratio	Lower	Upper
244	100		
212	8.2	10.0	15.0#
122	13.3	8.6	12.8#



#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

