

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032317\
 Data File : BG026398.D
 Acq On : 23 Mar 2017 11:58
 Operator : SJ/MA
 Sample : I2355-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 032117-PRRT-E-U-M

Quant Time: Mar 24 00:59:09 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	142905	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	575532	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	330198	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	808303	20.00	ng	-0.01
75) Chrysene-d12	21.62	240	1019288	20.00	ng	-0.01
86) Perylene-d12	24.80	264	967860	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	93347	11.59	ng	0.00
7) Phenol-d6	7.21	99	69320	6.41	ng	0.00
23) Nitrobenzene-d5	9.20	82	232105	24.25	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	112909	29.86	ng	-0.01
44) 2-Fluorobiphenyl	13.28	172	746765	31.72	ng	0.00
78) Terphenyl-d14	19.97	244	1041998	24.83	ng	-0.01

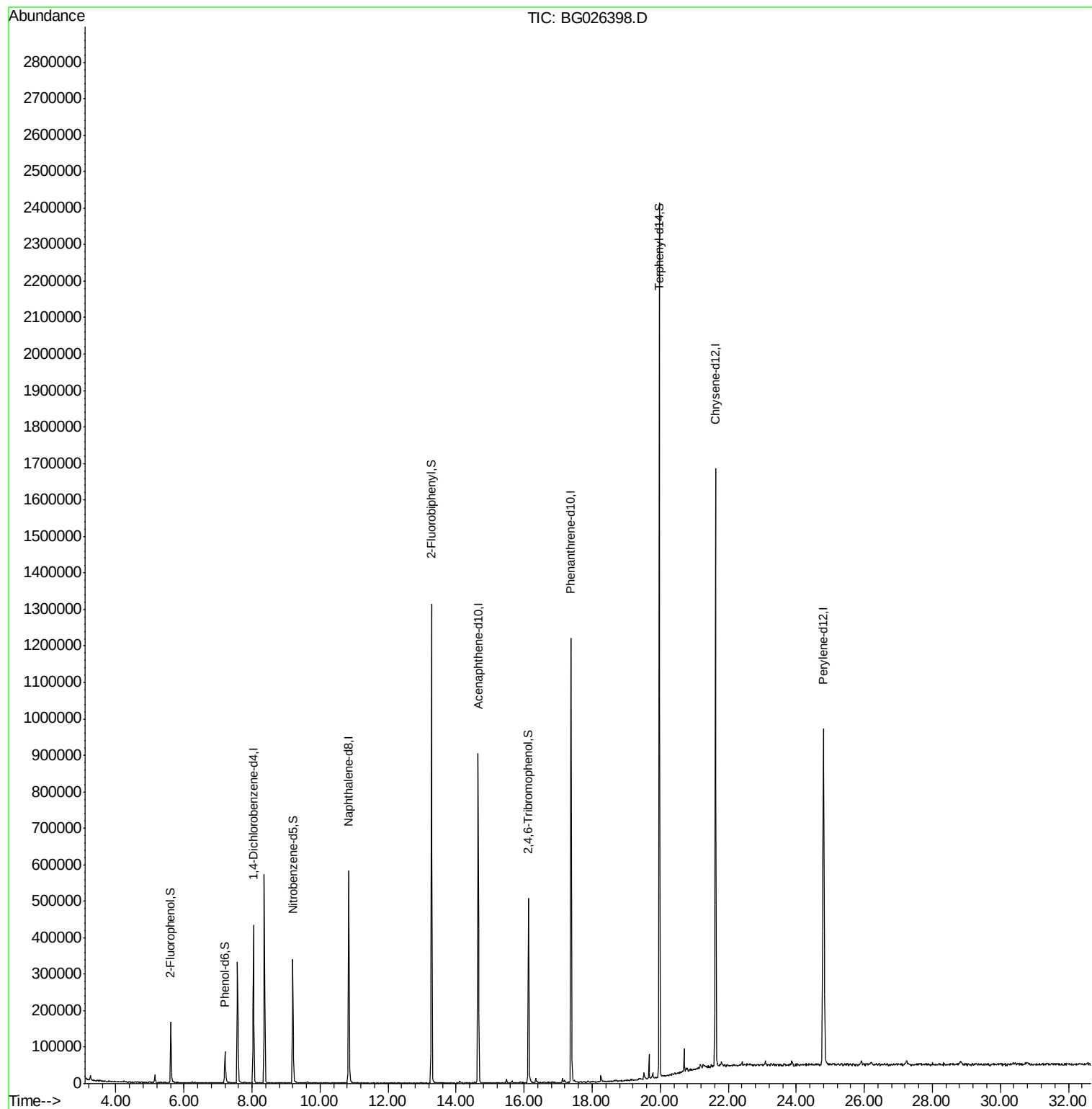
Target Compounds Qvalue

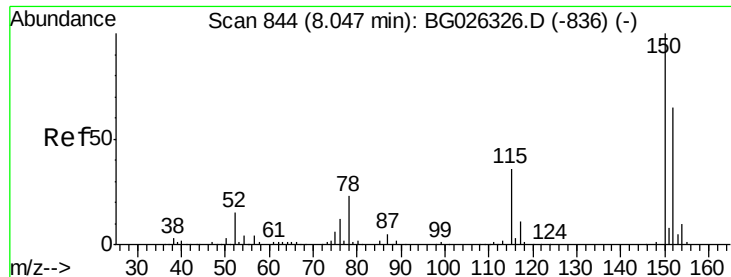
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.01 min

Lab File: BG026398.D

Acq: 23 Mar 2017 11:58

Instrument :

BNA_G

ClientSampleId :

032117-PRRT-E-U-M

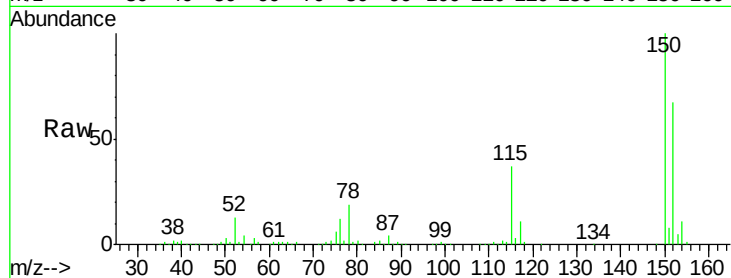
Tot Ion:152 Resp: 142905

Ion Ratio Lower Upper

152 100

150 148.5 114.0 171.0

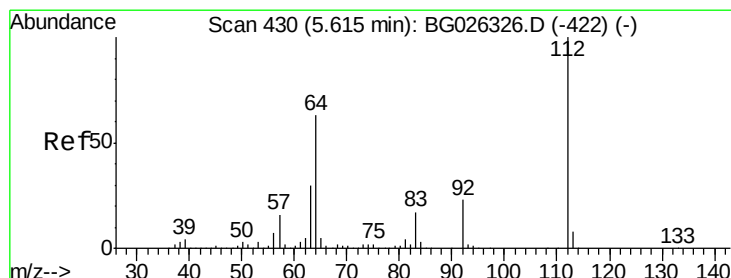
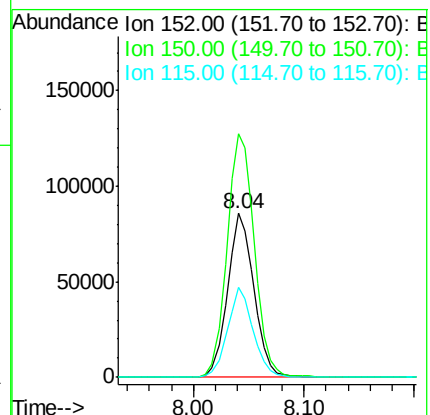
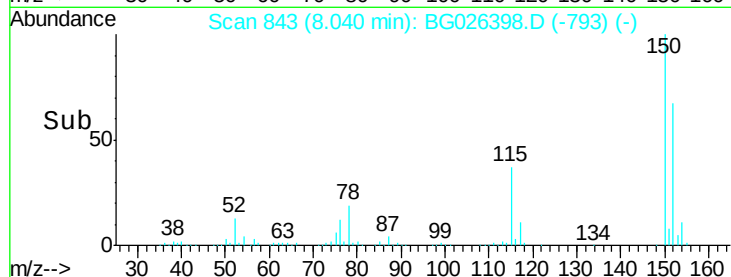
115 54.9 48.1 72.1



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: 11.59 ng

RT: 5.61 min Scan# 430

Delta R.T. -0.00 min

Lab File: BG026398.D

Acq: 23 Mar 2017 11:58

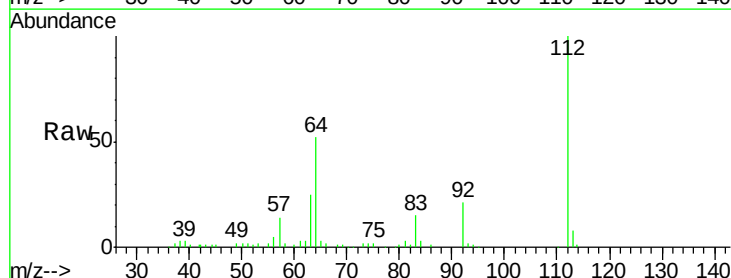
Tgt Ion:112 Resp: 93347

Ion Ratio Lower Upper

112 100

64 52.2 61.8 92.6#

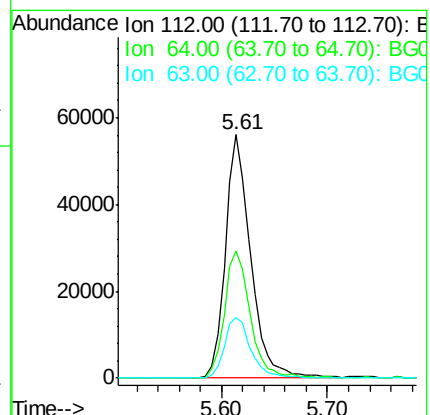
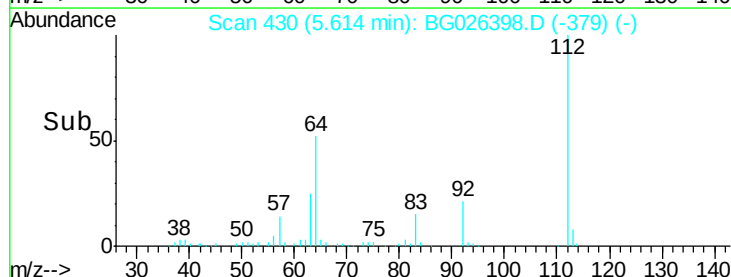
63 25.0 37.2 55.8#

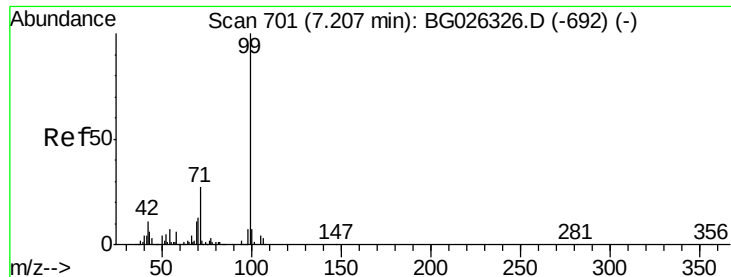


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 6.41 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG026398.D

Acq: 23 Mar 2017 11:58

Instrument :

BNA_G

ClientSampleId :

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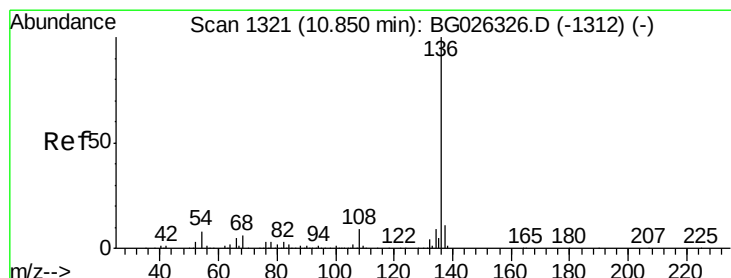
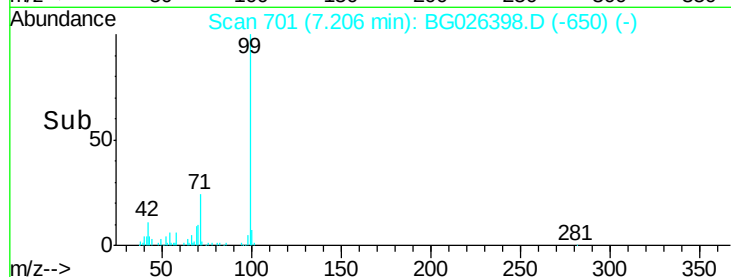
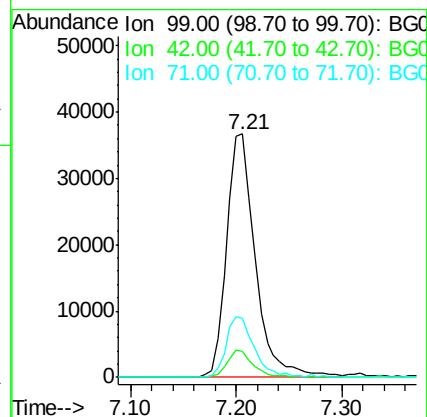
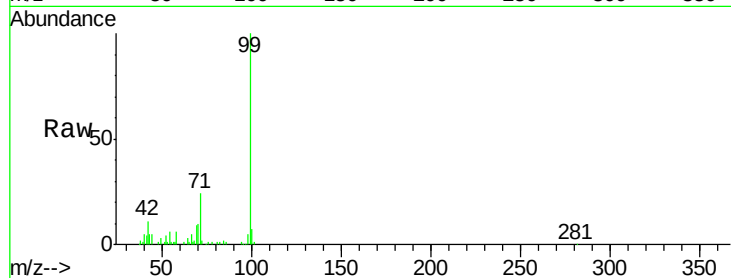
Tot Ion: 99 Resp: 69320

Ion Ratio Lower Upper

99 100

42 10.8 20.5 30.7#

71 24.3 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.84 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BG026398.D

Acq: 23 Mar 2017 11:58

Tgt Ion: 136 Resp: 575532

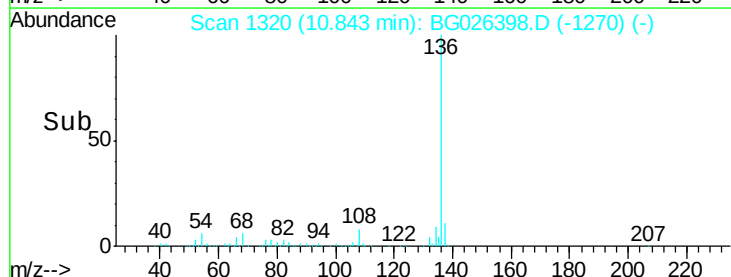
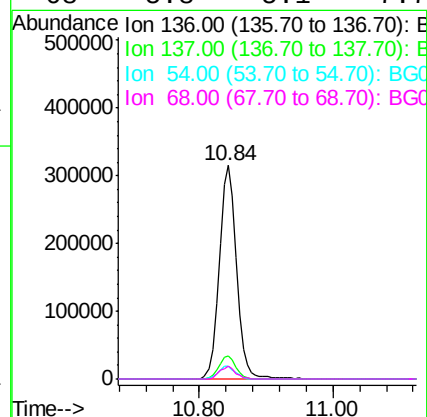
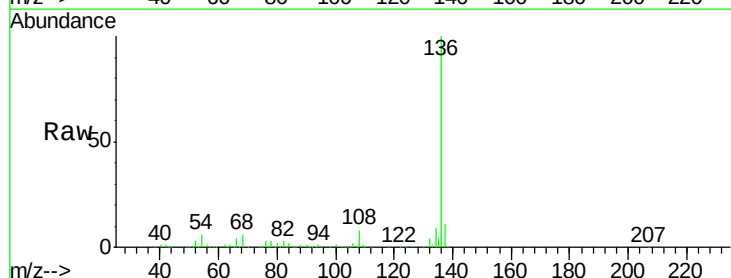
Ion Ratio Lower Upper

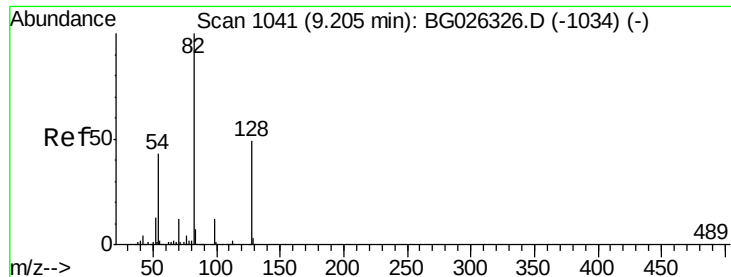
136 100

137 11.0 8.9 13.3

54 5.7 9.3 13.9#

68 5.8 5.1 7.7

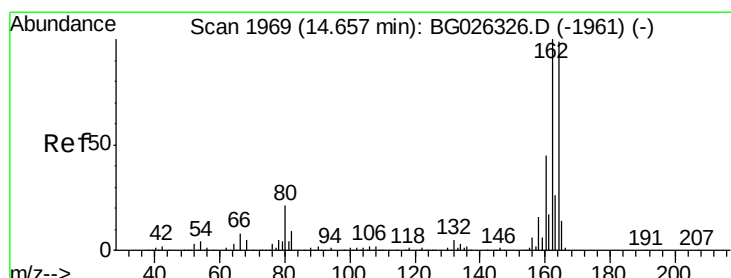
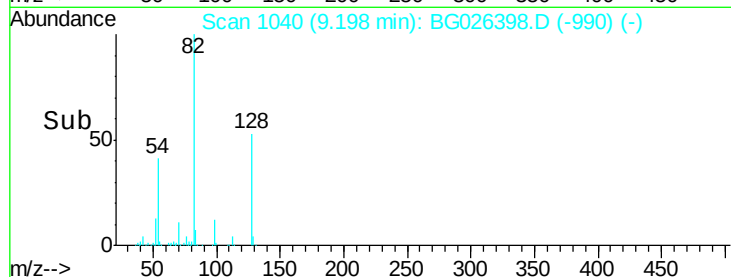
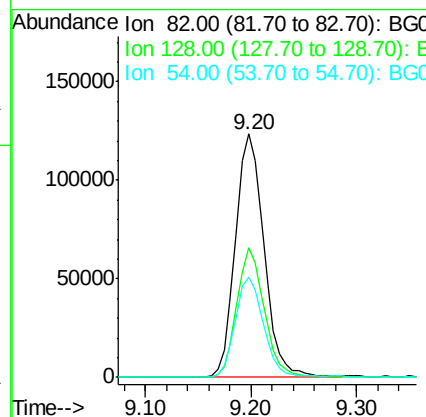
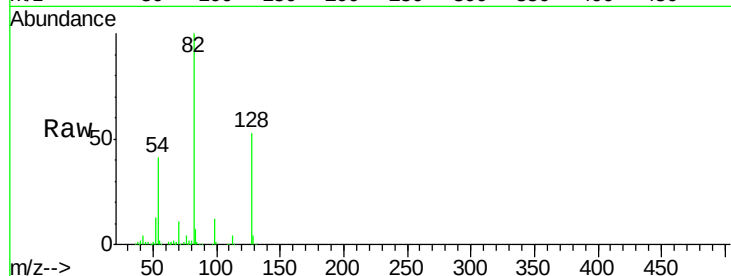




#23
 Nitrobenzene-d5
 Concen: 24.25 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG026398.D
 Acq: 23 Mar 2017 11:58

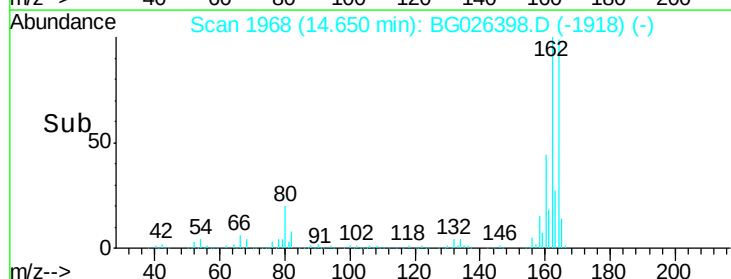
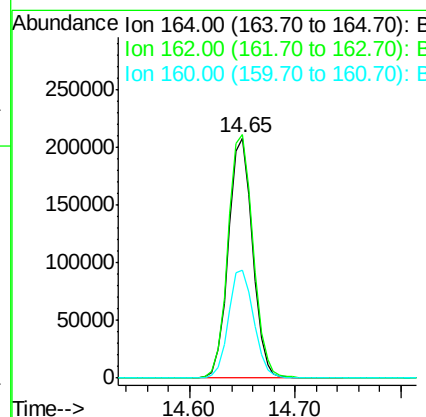
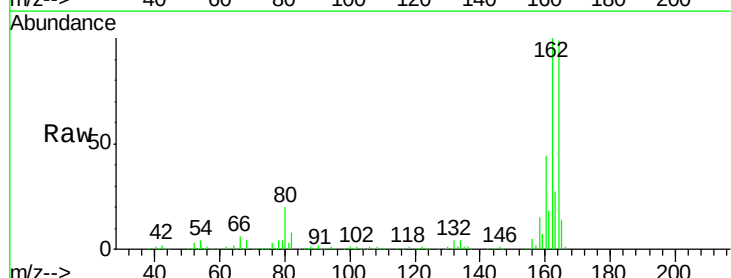
Instrument :
 BNA_G
 ClientSampleId :
 032117-PRRT-E-U-M

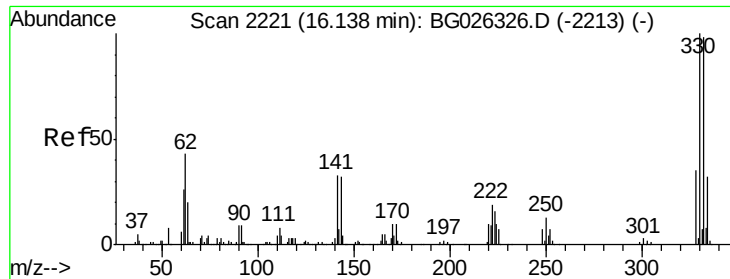
Tot Ion	82	Resp	232105
Ion Ratio	Lower	Upper	
82	100		
128	53.4	26.4	39.6#
54	41.3	49.4	74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: BG026398.D
 Acq: 23 Mar 2017 11:58

Tgt Ion	164	Resp	330198
Ion Ratio	Lower	Upper	
164	100		
162	101.4	85.1	127.7
160	44.9	34.7	52.1

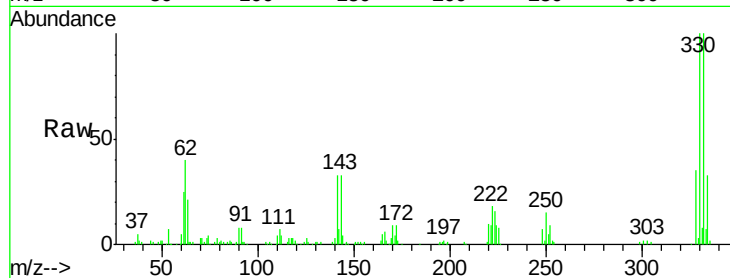




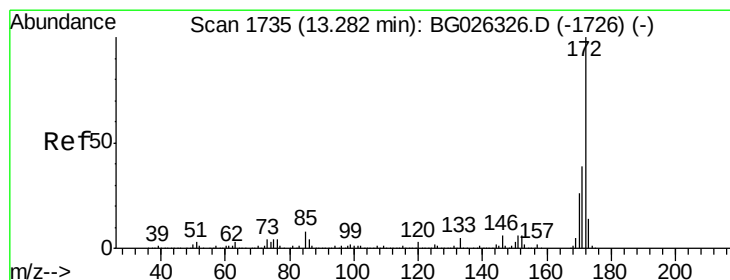
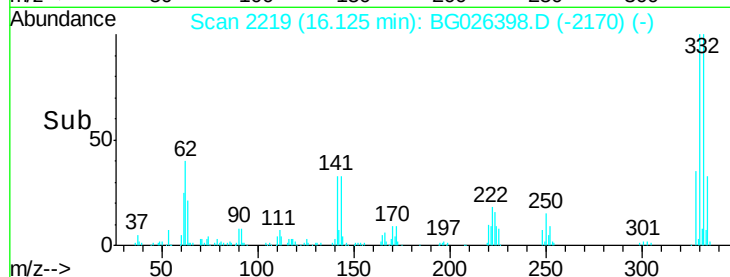
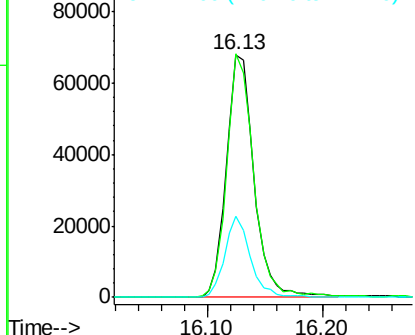
#41
 2,4,6-Tribromophenol
 Concen: 29.86 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG026398.D
 Acq: 23 Mar 2017 11:58

Instrument :
 BNA_G
 ClientSampleId :
 032117-PRRT-E-U-M

Tot Ion:330 Resp: 112909
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.3 115.9
 141 30.9 32.1 48.1#

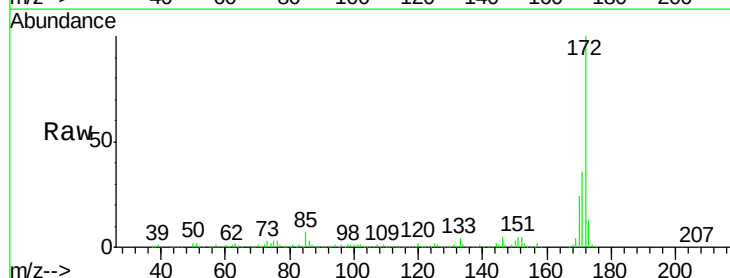


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

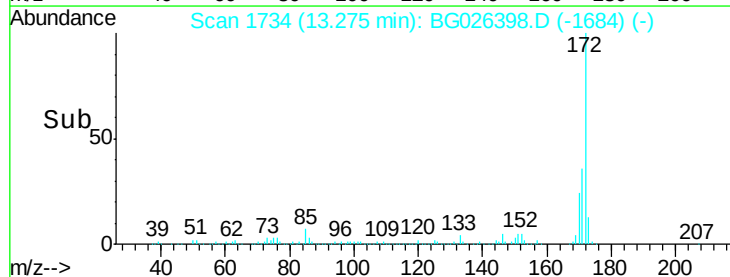
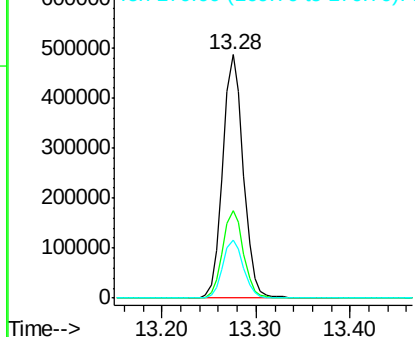


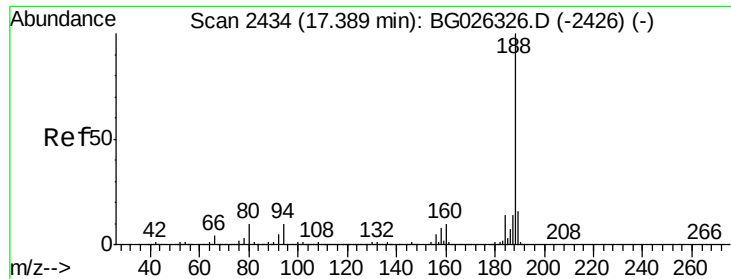
#44
 2-Fluorobiphenyl
 Concen: 31.72 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG026398.D
 Acq: 23 Mar 2017 11:58

Tgt Ion:172 Resp: 746765
 Ion Ratio Lower Upper
 172 100
 171 36.0 32.2 48.2
 170 24.0 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: 17.38 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BG026398.D

Acq: 23 Mar 2017 11:58

Instrument :

BNA_G

ClientSampleId :

032117-PRRT-E-U-M

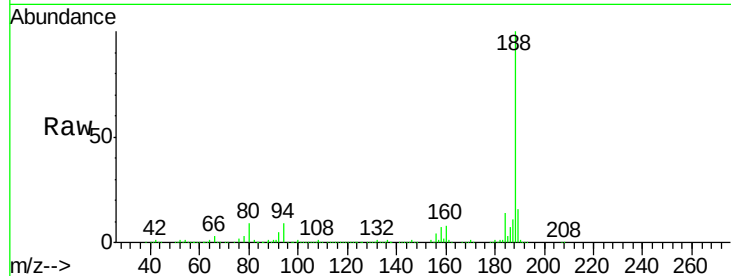
Tot Ion:188 Resp: 808303

Ion Ratio Lower Upper

188 100

94 9.2 5.8 8.8#

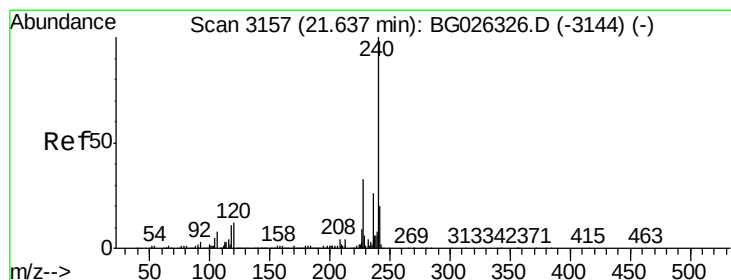
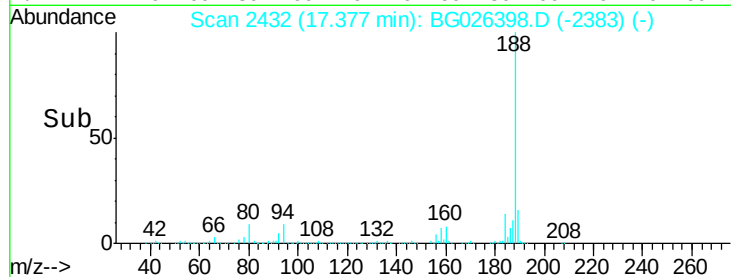
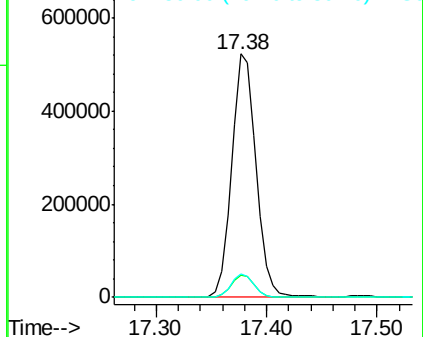
80 9.5 7.5 11.3



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: 21.62 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG026398.D

Acq: 23 Mar 2017 11:58

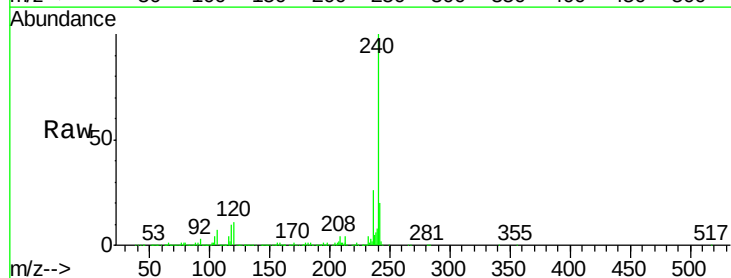
Tgt Ion:240 Resp: 1019288

Ion Ratio Lower Upper

240 100

120 11.3 5.7 8.5#

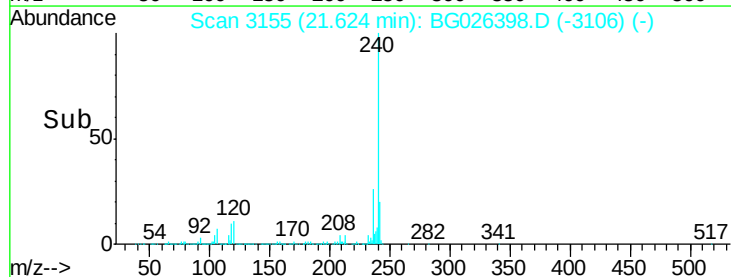
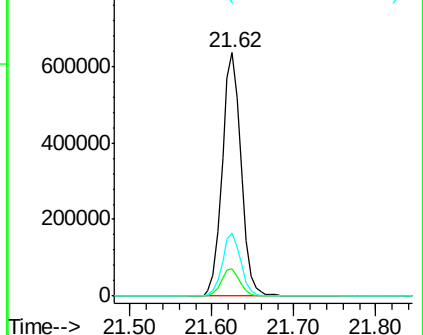
236 26.1 22.2 33.4

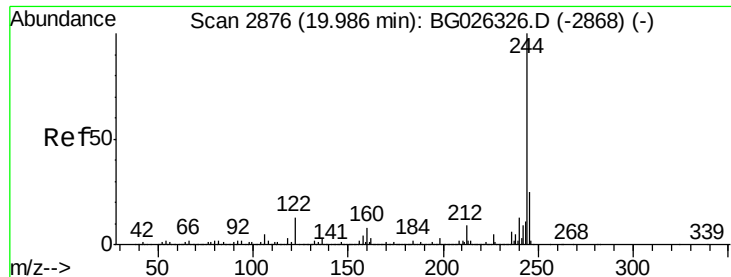


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

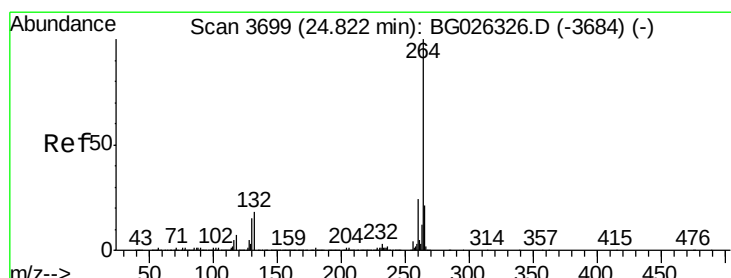
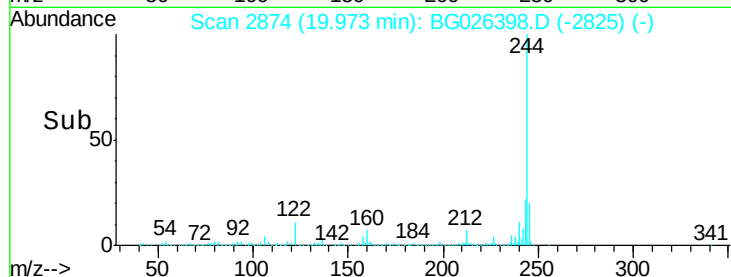
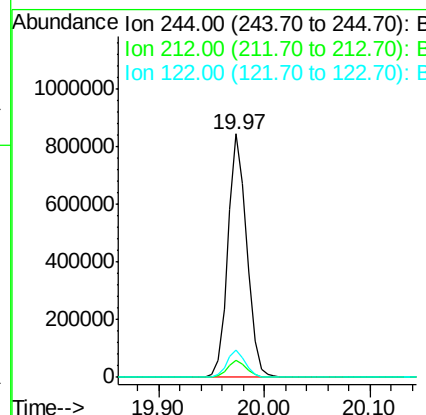
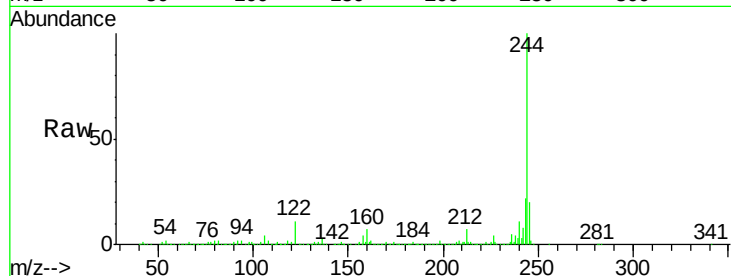




#78
 Terphenyl-d14
 Concen: 24.83 ng
 RT: 19.97 min Scan# 2874
 Delta R.T. -0.01 min
 Lab File: BG026398.D
 Acq: 23 Mar 2017 11:58

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 BNA_G
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 032117-PRRT-E-U-M

Tot Ion:244 Resp: 1041998
 Ion Ratio Lower Upper
 244 100
 212 6.9 10.0 15.0#
 122 11.1 8.6 12.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.80 min Scan# 3696
 Delta R.T. -0.02 min
 Lab File: BG026398.D
 Acq: 23 Mar 2017 11:58

Tgt Ion:264 Resp: 967860
 Ion Ratio Lower Upper
 264 100
 260 24.3 21.8 32.8
 265 22.3 18.2 27.4

