

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

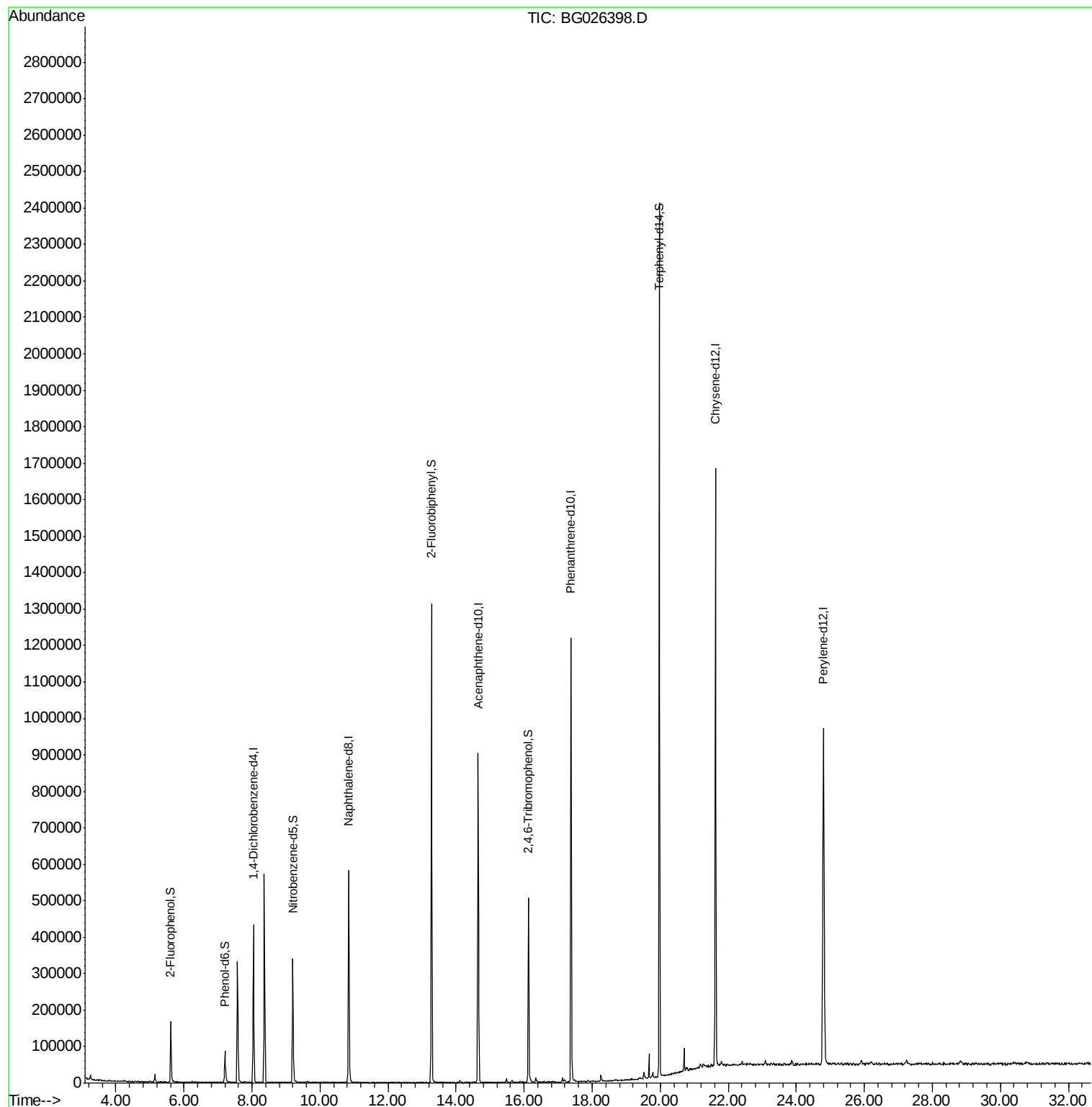
Target Compounds Qvalue

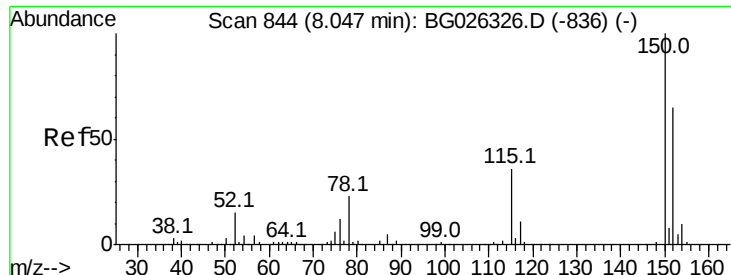
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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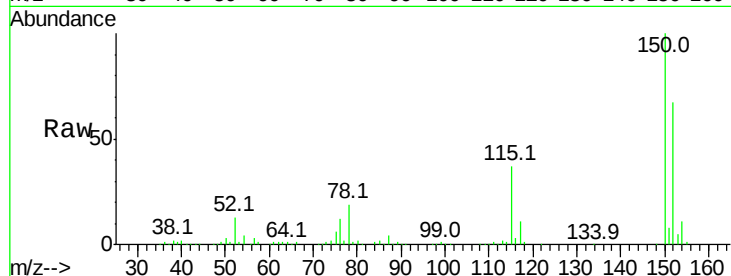


#1

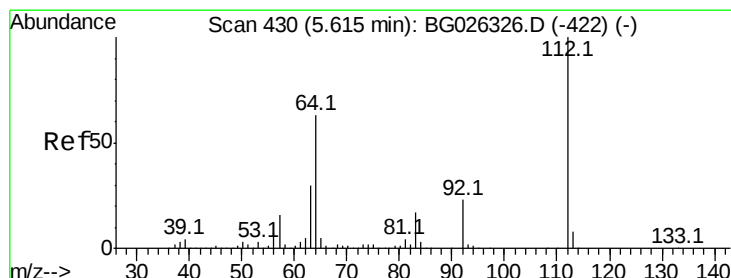
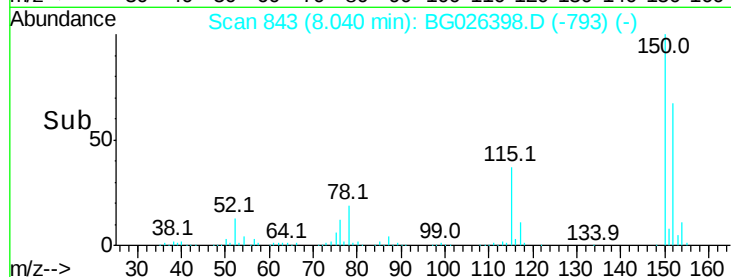
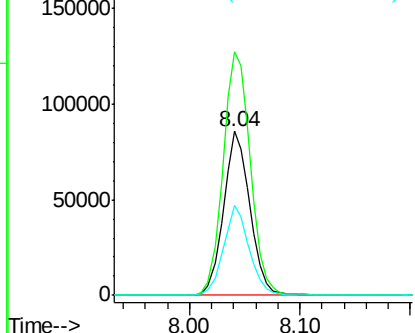
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG026398.D
Acq: 23 Mar 2017 11:58

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



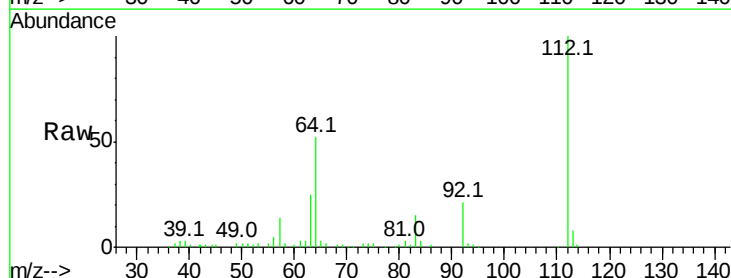
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



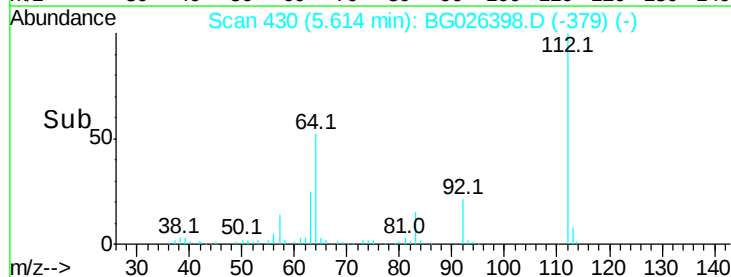
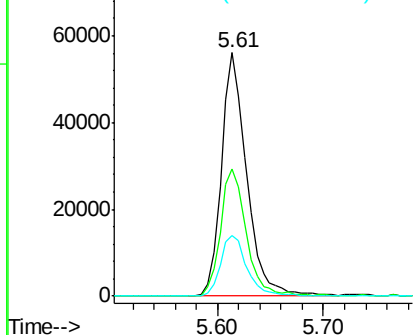
#5

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 :

032117-PRRT-E-U-M

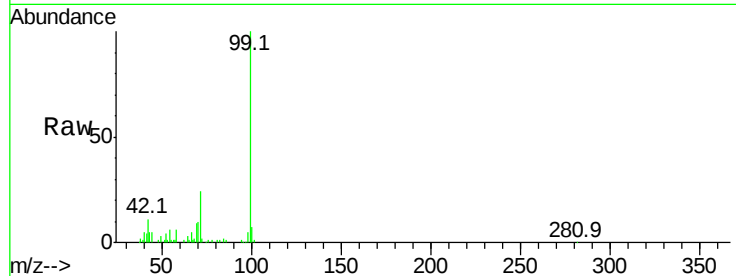
Tot Ion: 99 Resp: 69320

Ion Ratio Lower Upper

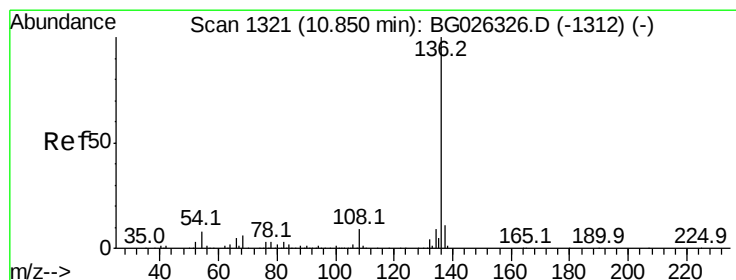
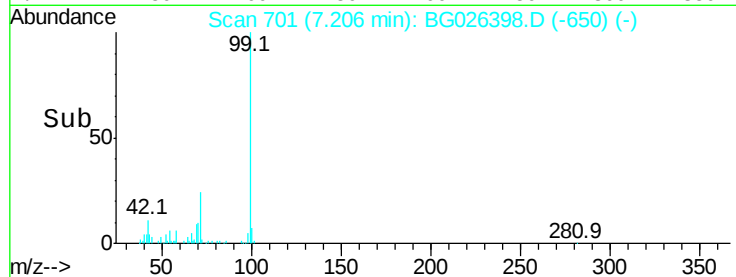
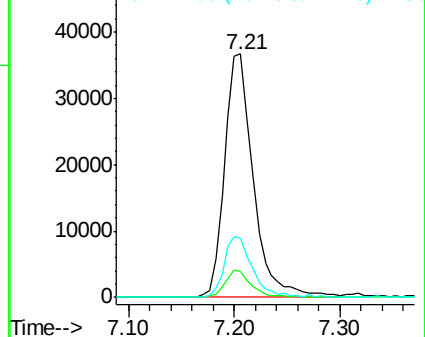
99 100

42 10.8 20.5 30.7#

71 24.3 37.6 56.4#



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: 10.84 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BG026398.D

Acq: 23 Mar 2017 11:58

Tgt Ion: 136 Resp: 575532

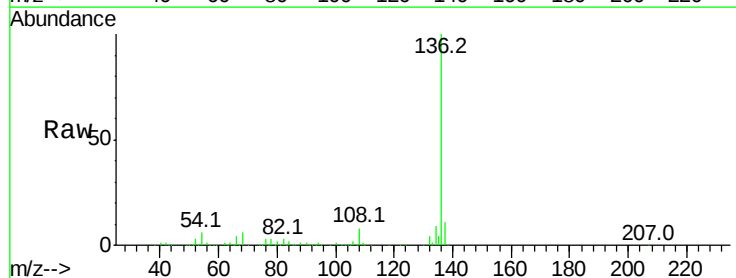
Ion Ratio Lower Upper

136 100

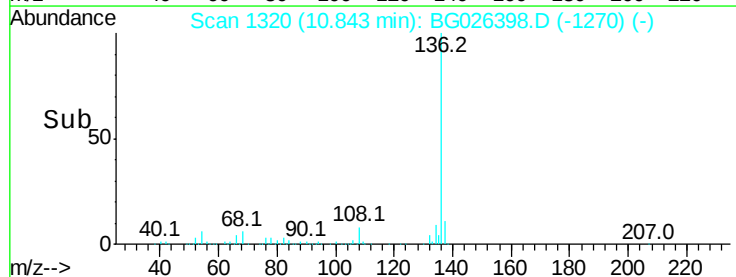
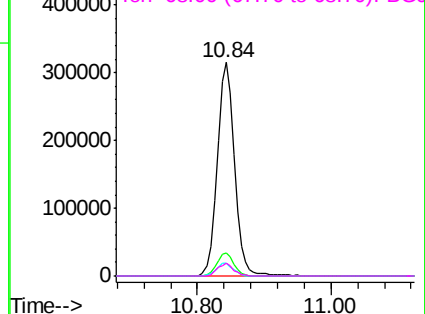
137 11.0 8.9 13.3

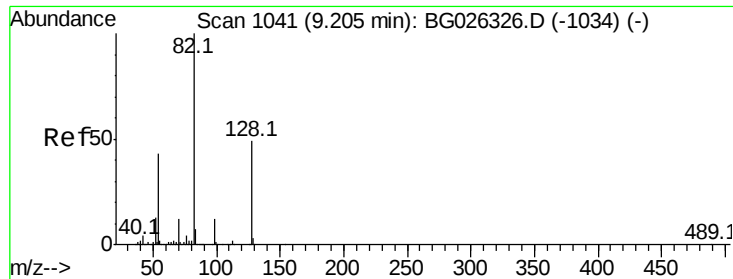
54 5.7 9.3 13.9#

68 5.8 5.1 7.7



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

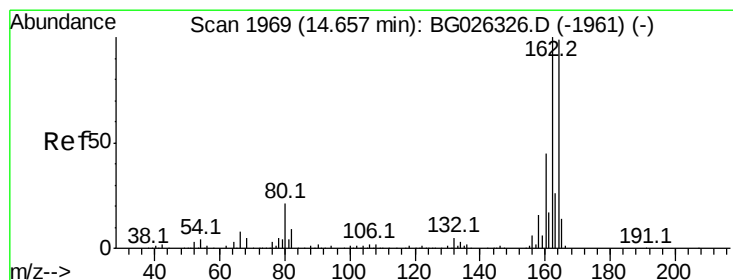
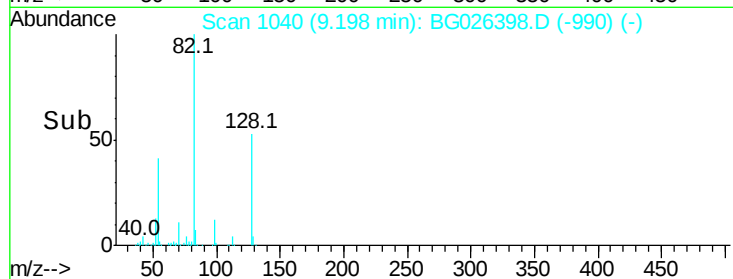
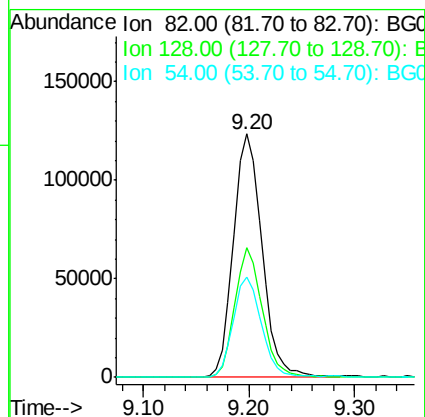
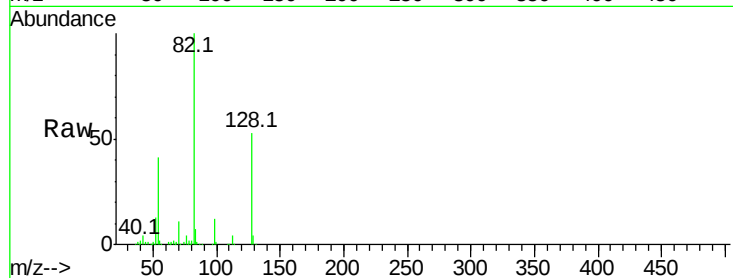




#23
Nitrobenzene-d5
Concen: 24.25 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG026398.D
Acq: 23 Mar 2017 11:58

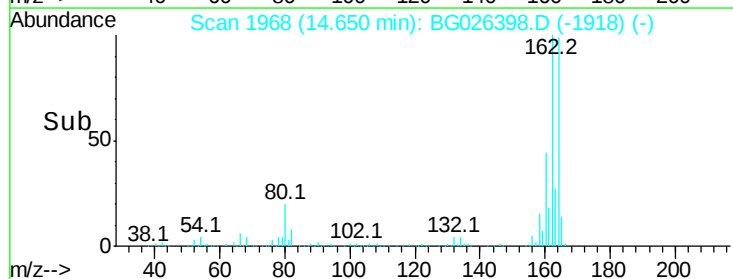
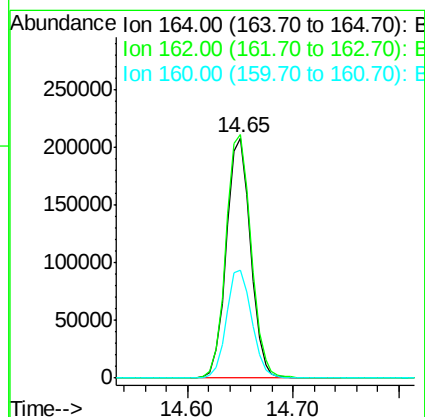
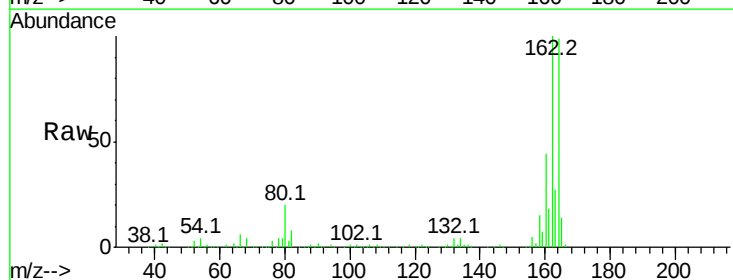
Instrument :
BNA_G
ClientSampleId :
032117-PRRT-E-U-M

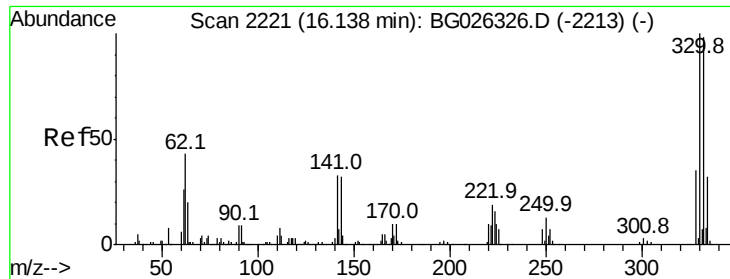
Tot Ion	82	Resp	232105
Ion	Ratio	Lower	Upper
82	100		
128	53.4	26.4	39.6#
54	41.3	49.4	74.2#



#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

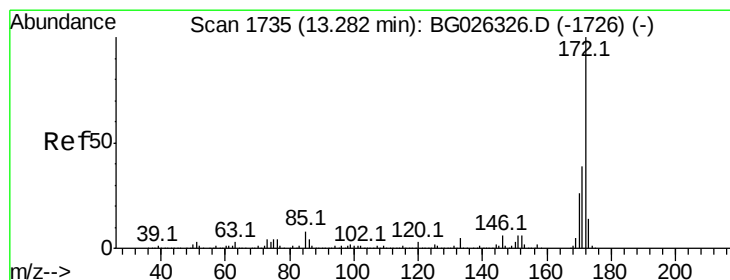
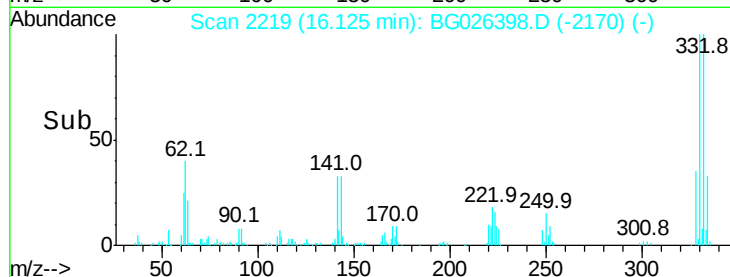
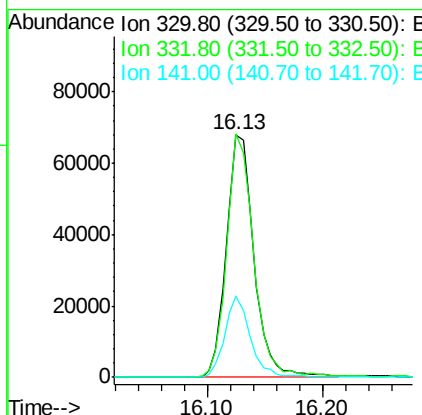
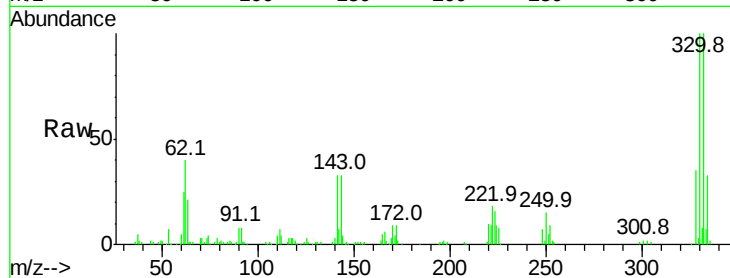




#41
 2,4,6-Tribromophenol
 Concen: 29.86 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG026398.D
 Acq: 23 Mar 2017 11:58

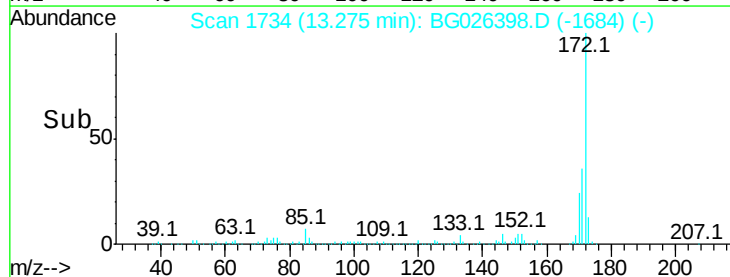
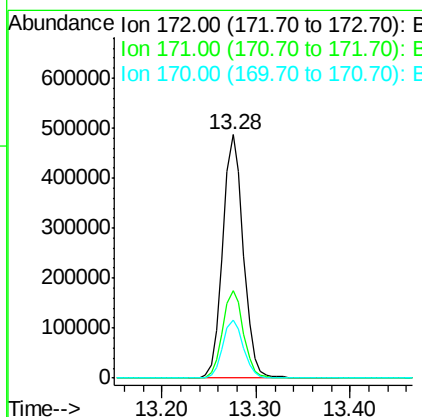
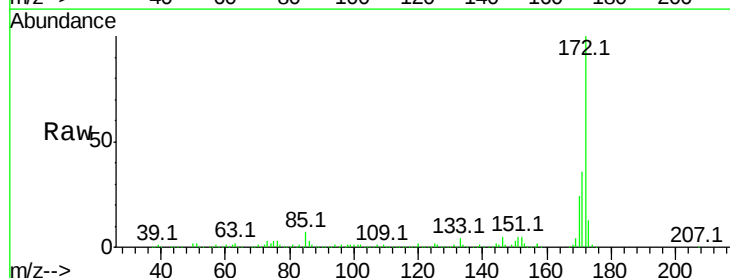
Instrument :
 BNA_G
 ClientSampleId :
 032117-PRRT-E-U-M

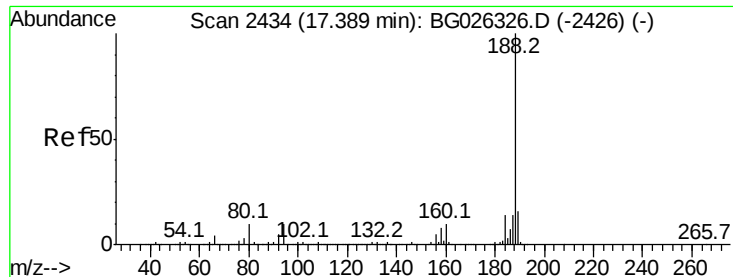
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.3	115.9
141	30.9	32.1	48.1#



#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	Ratio	Lower	Upper
172	100		
171	36.0	32.2	48.2
170	24.0	21.8	32.6

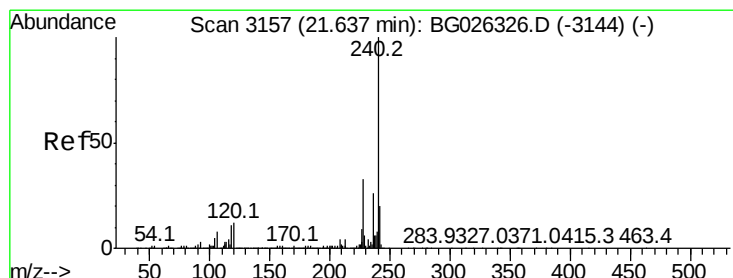
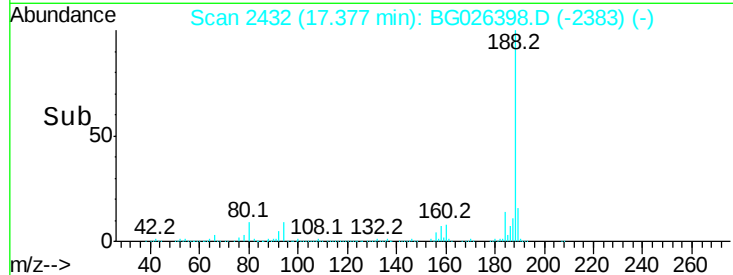
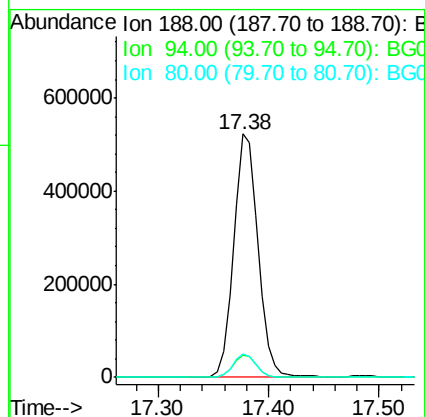
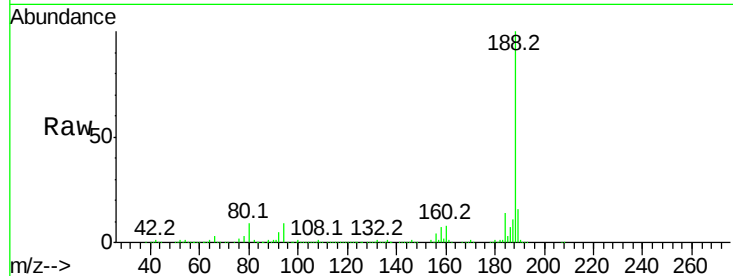




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG026398.D
Acq: 23 Mar 2017 11:58

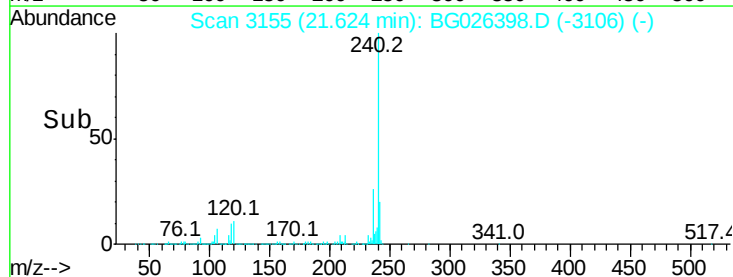
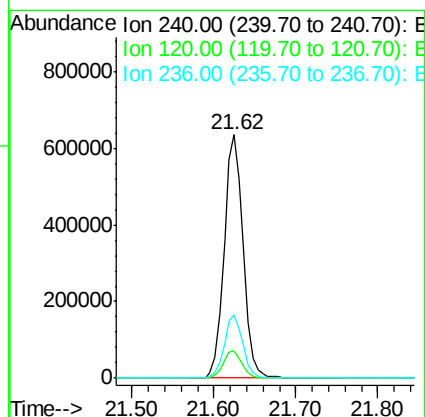
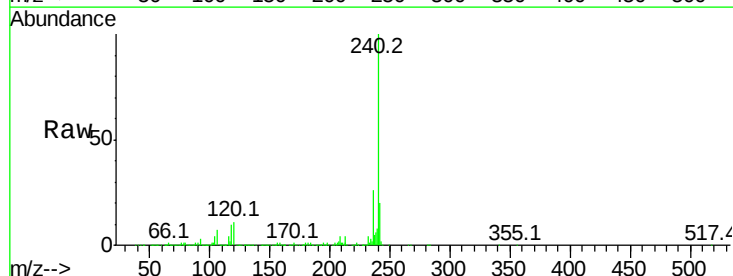
Instrument :
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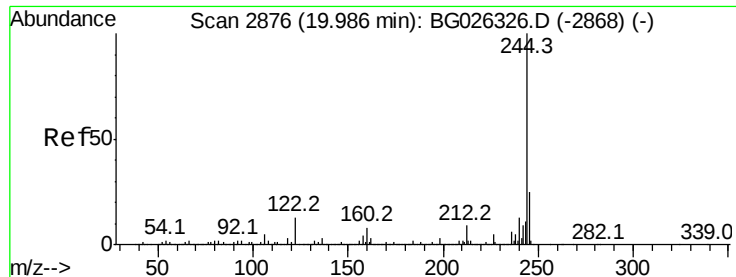
Tot Ion:188 Resp: 808303
Ion Ratio Lower Upper
188 100
94 9.2 5.8 8.8#
80 9.5 7.5 11.3



#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





#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

Instrument :

BNA_G

ClientSampleId :

032117-PRRT-E-U-M

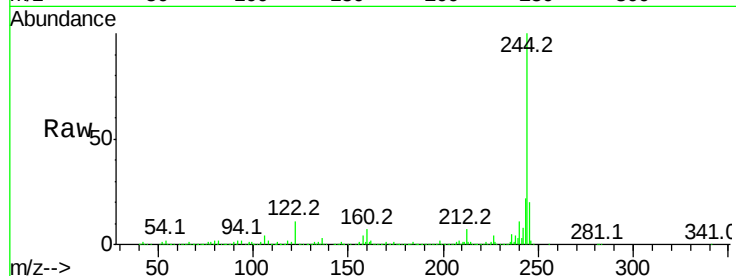
Tot Ion:244 Resp: 1041998

Ion Ratio Lower Upper

244 100

212 6.9 10.0 15.0#

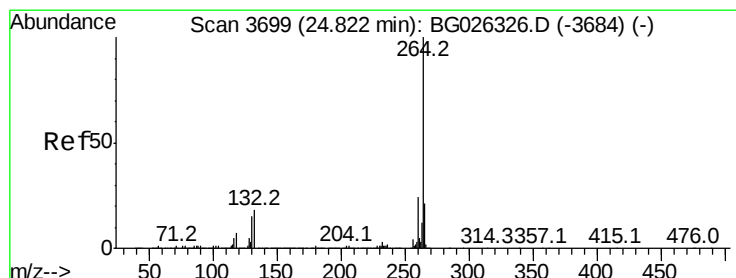
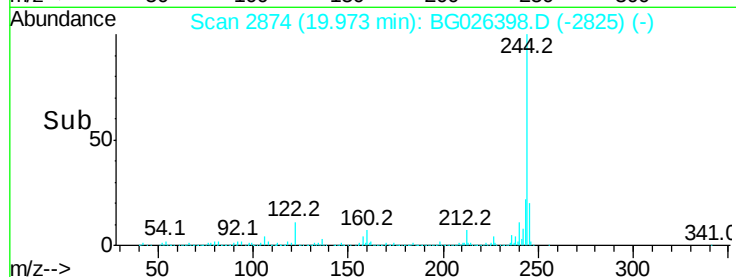
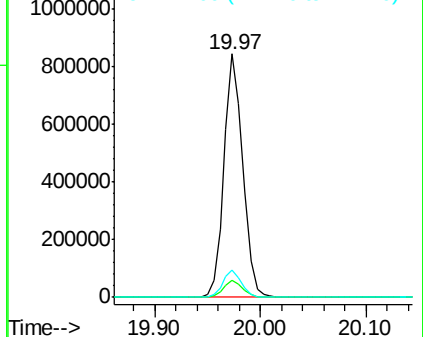
122 11.1 8.6 12.8



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: 24.80 min Scan# 3696

Delta R.T. -0.02 min

Lab File: BG026398.D

Acq: 23 Mar 2017 11:58

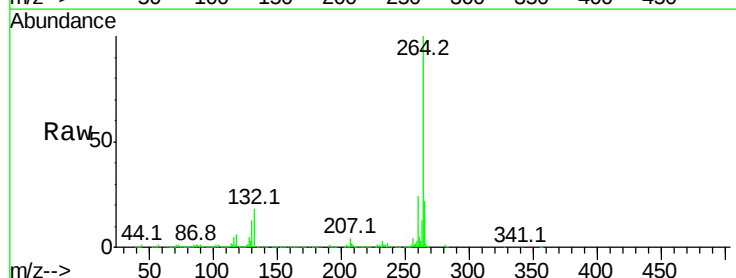
Tgt Ion:264 Resp: 967860

Ion Ratio Lower Upper

264 100

260 24.3 21.8 32.8

265 22.3 18.2 27.4



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

