

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 :

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

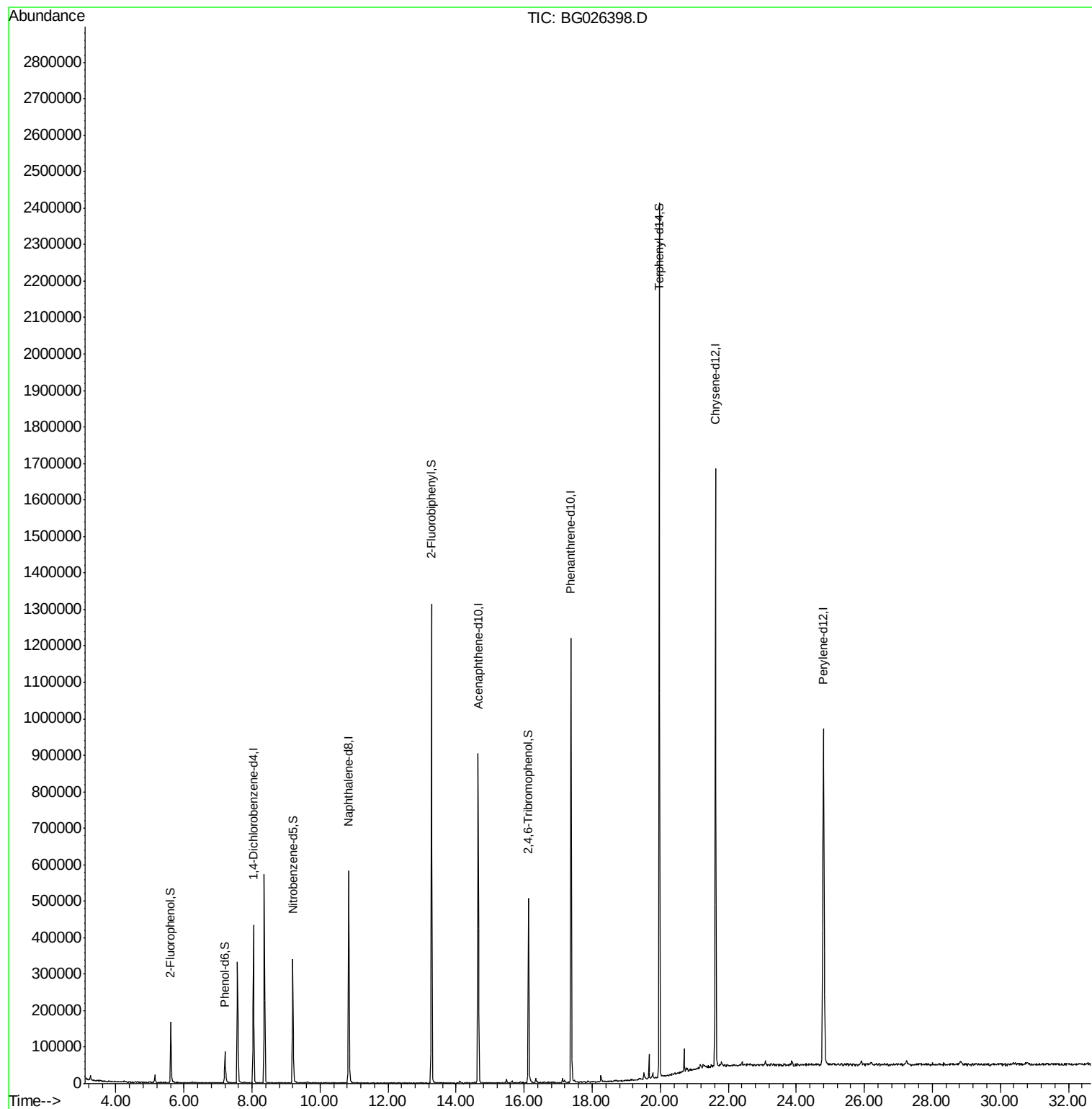
Target Compounds Qvalue

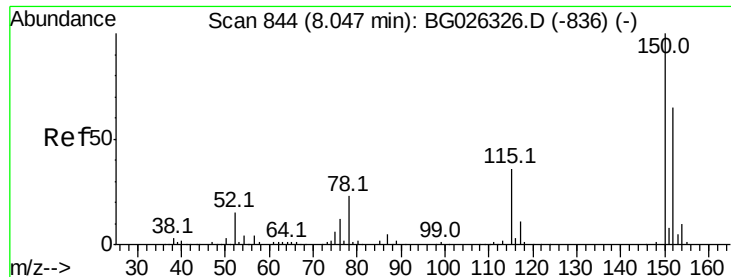
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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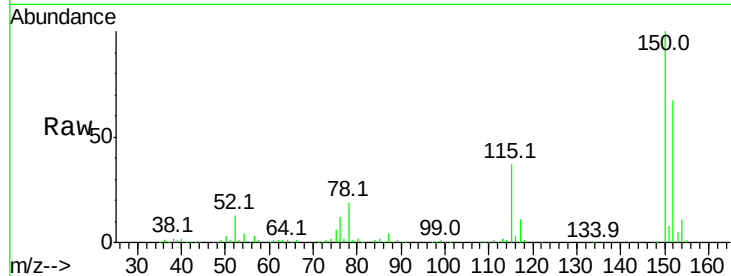


#1

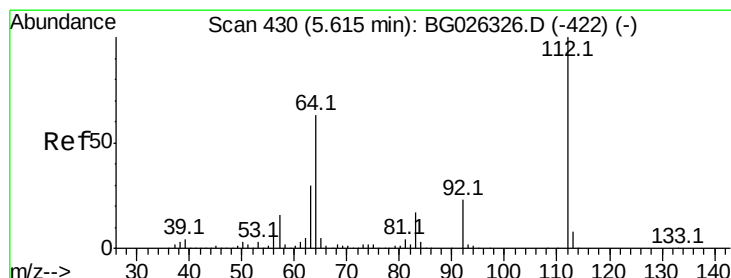
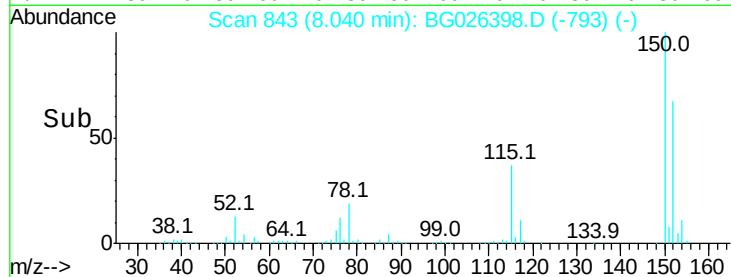
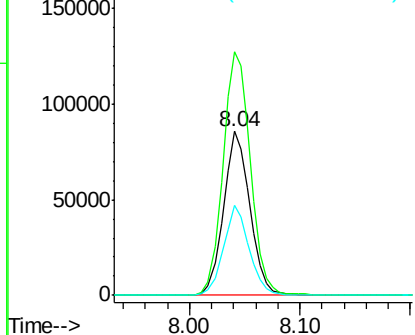
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG026398.D
Acq: 23 Mar 2017 11:58

Instrument :
BNA_G
ClientSampleId :

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



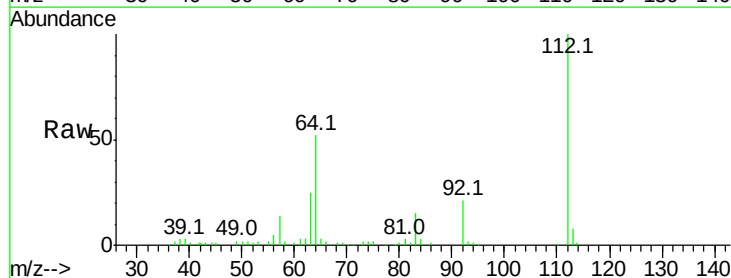
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



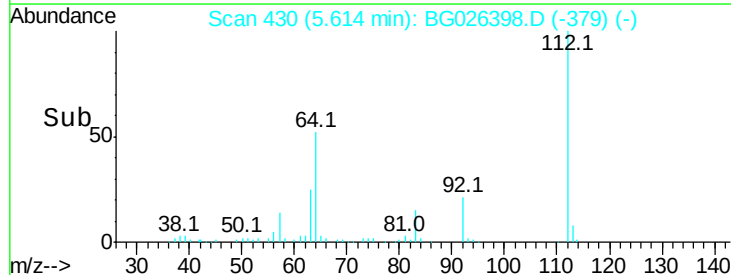
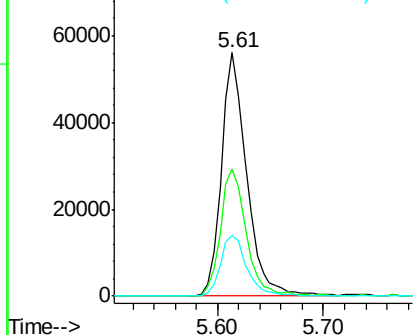
#5

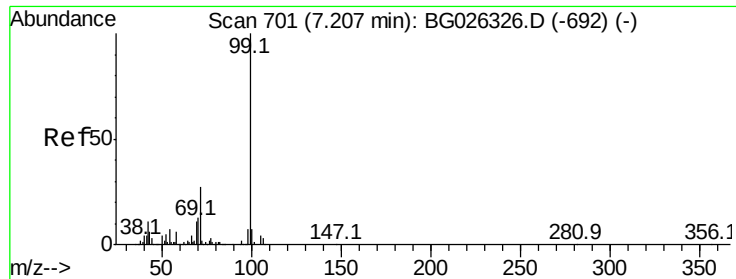
2-Fluorophenol
Concen: 11.59 ng
RT: 5.61 min Scan# 430
Delta R.T. -0.00 min
Lab File: BG026398.D
Acq: 23 Mar 2017 11:58

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 :

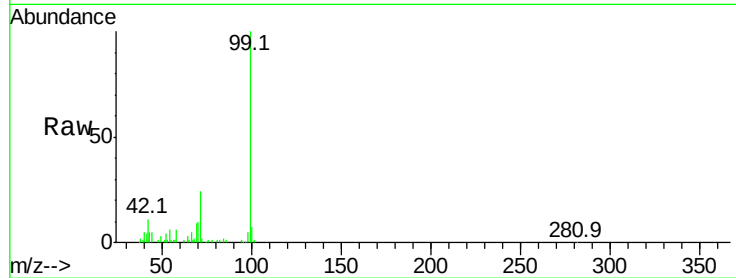
Tot Ion: 99 Resp: 69320

Ion Ratio Lower Upper

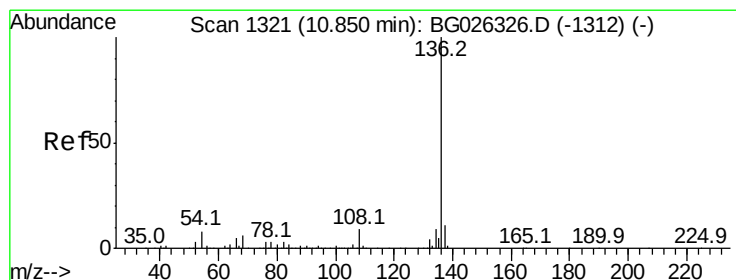
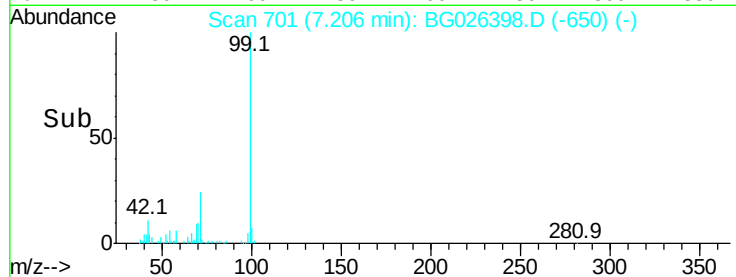
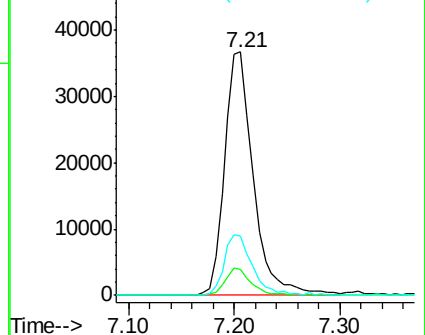
99 100

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

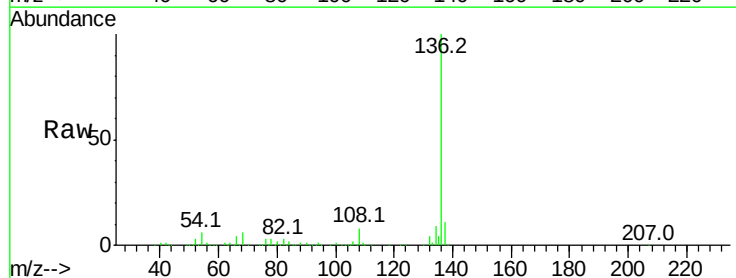
Ion Ratio Lower Upper

136 100

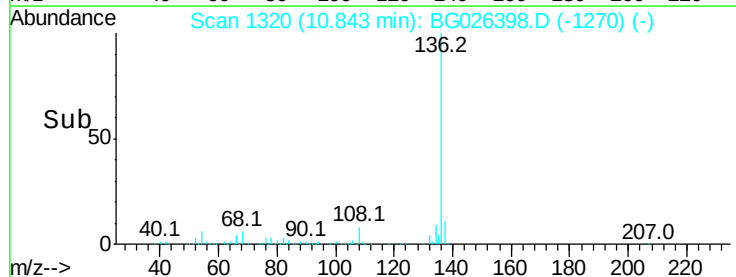
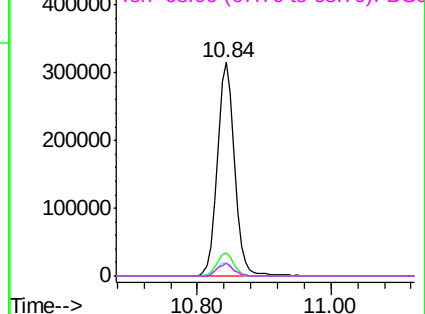
137 11.0 8.9 13.3

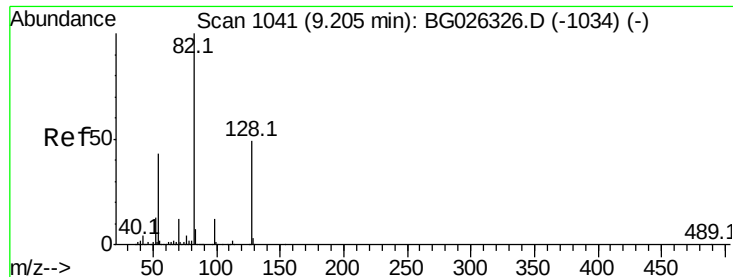
54 5.7 9.3 13.9#

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

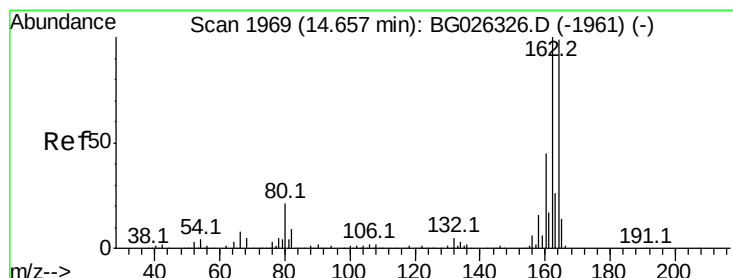
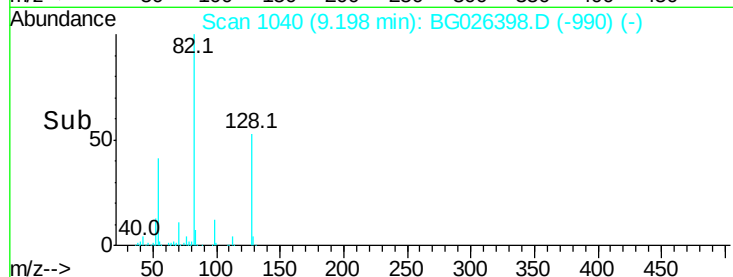
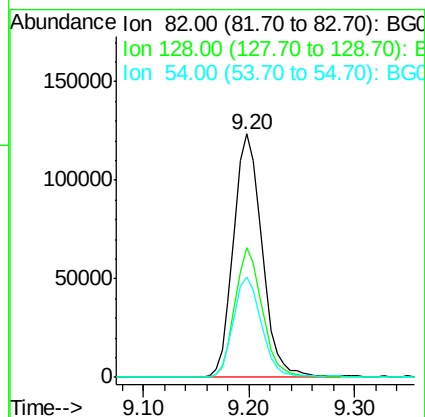
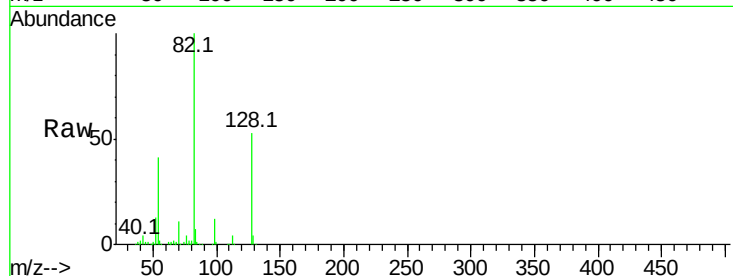




#23
Nitrobenzene-d5
Concen: 24.25 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG026398.D
Acq: 23 Mar 2017 11:58

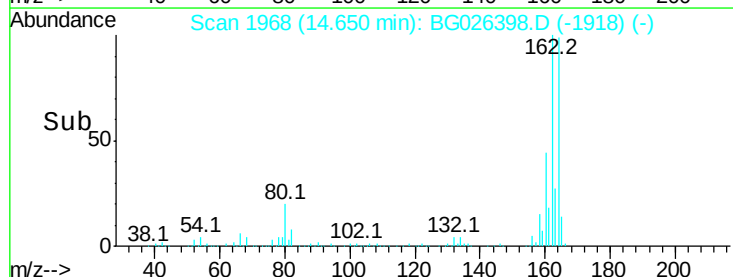
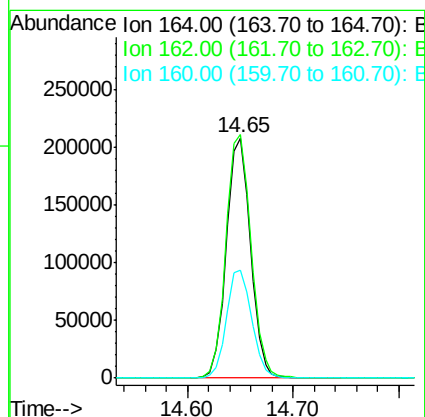
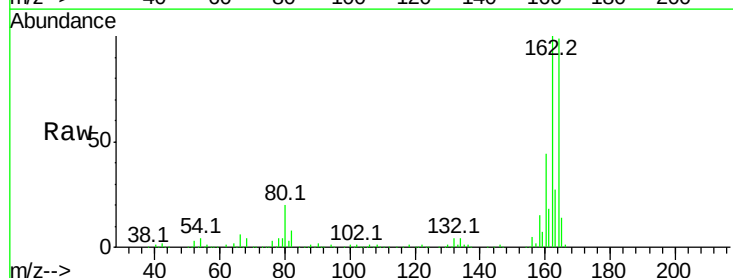
Instrument :
BNA_G
ClientSampleId :

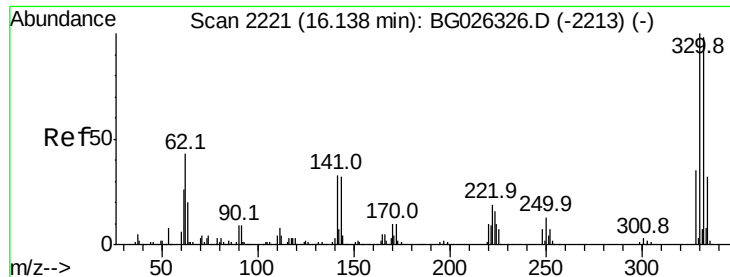
Tot Ion	Ratio	Lower	Upper
82	100		
128	53.4	26.4	39.6
54	41.3	49.4	74.2



#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	Ratio	Lower	Upper
164	100		
162	101.4	85.1	127.7
160	44.9	34.7	52.1

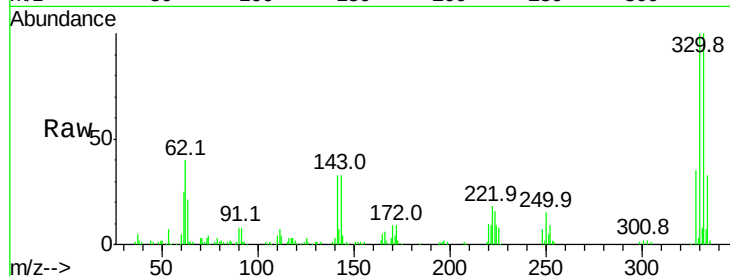




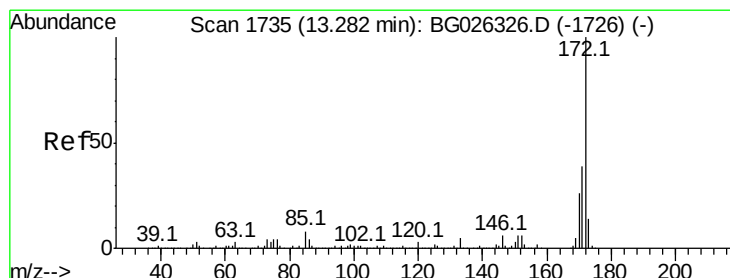
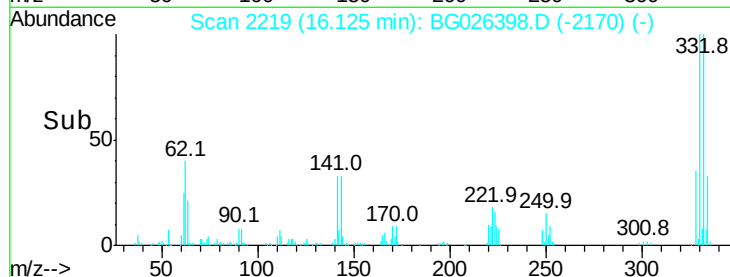
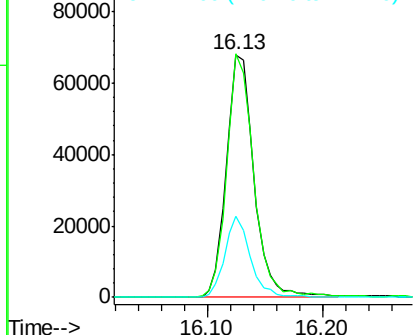
#41
 2,4,6-Tribromophenol
 Concen: 29.86 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG026398.D
 Acq: 23 Mar 2017 11:58

Instrument :
 BNA_G
 ClientSampleId :

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#

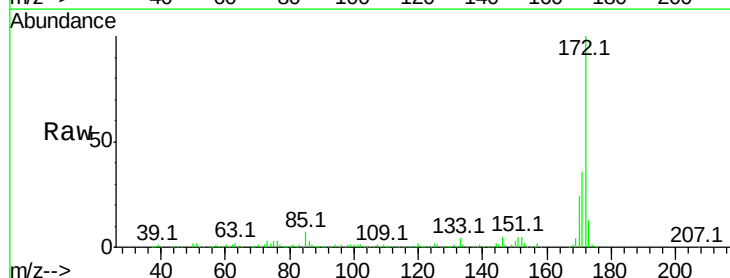


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

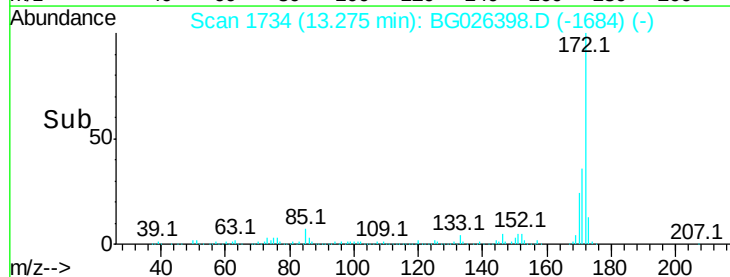
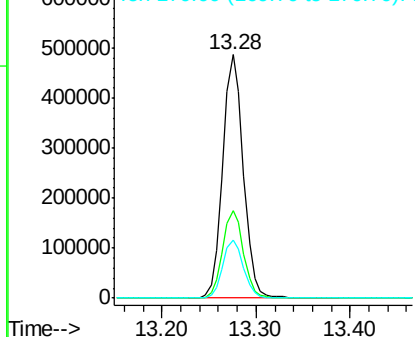


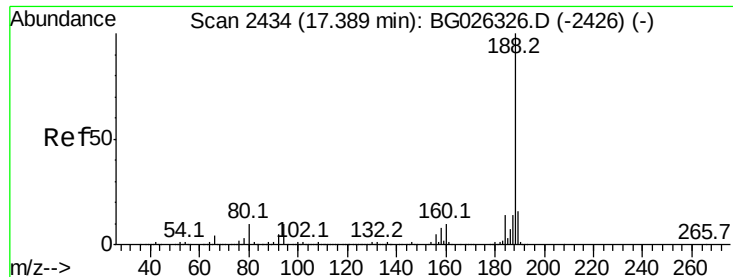
#44
 2-Fluorobiphenyl
 Concen: 31.72 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG026398.D
 Acq: 23 Mar 2017 11:58

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

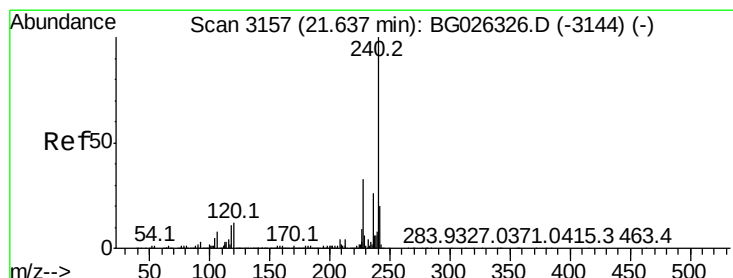
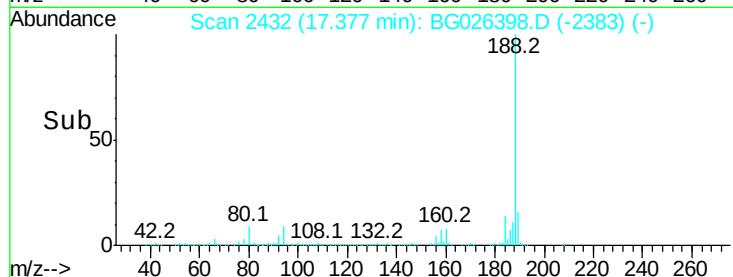
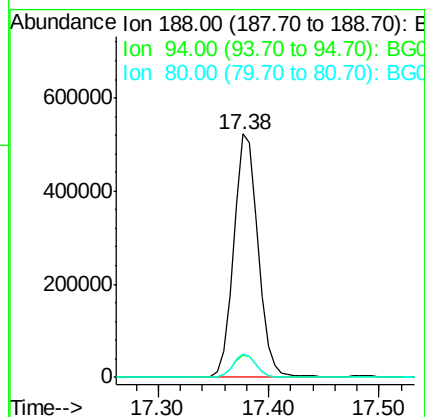
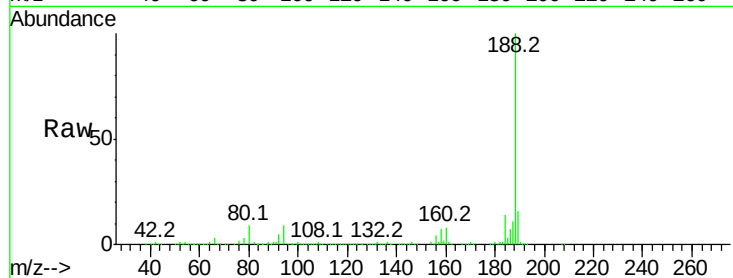




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG026398.D
Acq: 23 Mar 2017 11:58

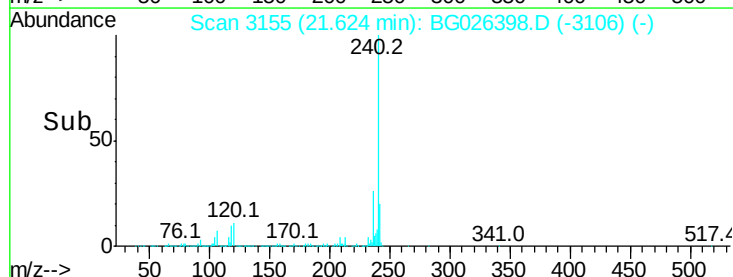
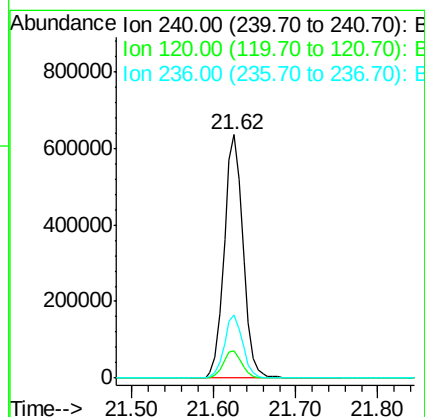
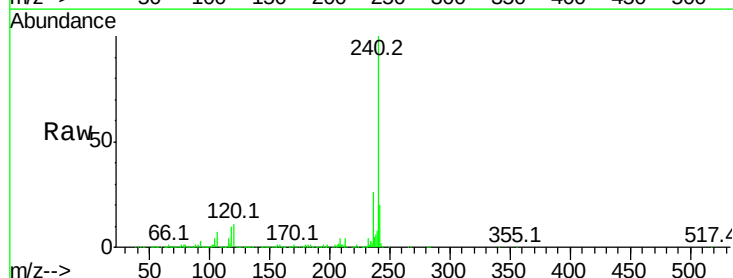
Instrument :
BNA_G
ClientSampleId :

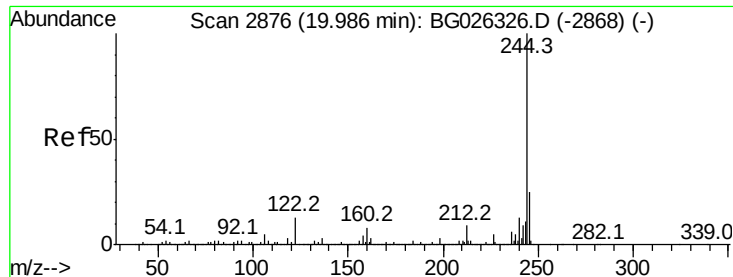
Tot Ion:188 Resp: 808303
Ion Ratio Lower Upper
188 100
94 9.2 5.8 8.8#
80 9.5 7.5 11.3



#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 :

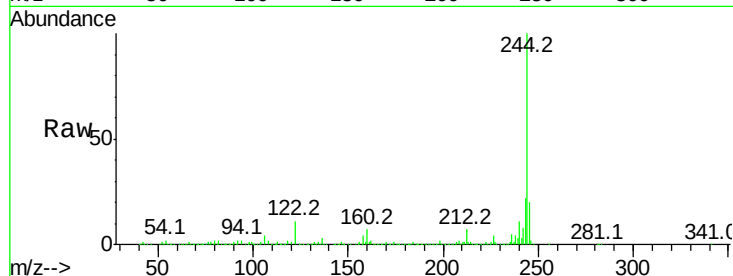
Tot Ion:244 Resp: 1041998

Ion	Ratio	Lower	Upper
244	100		
212	6.9	10.0	15.0#
122	11.1	8.6	12.8

244 100

212 6.9 10.0 15.0#

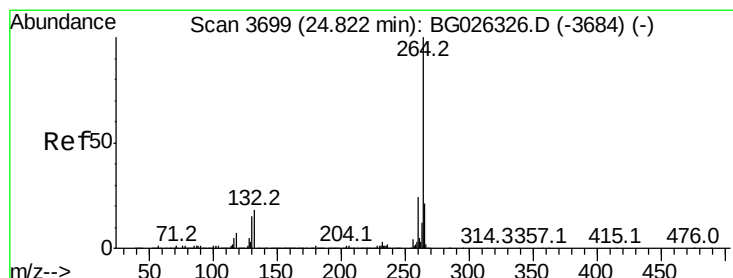
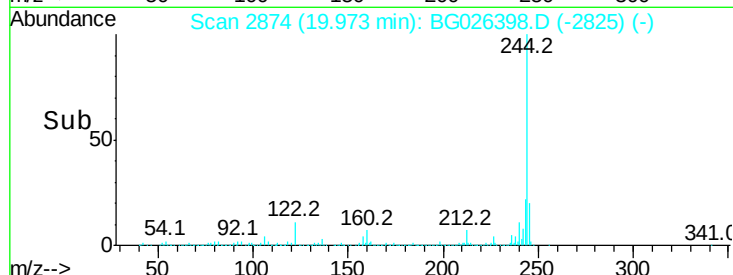
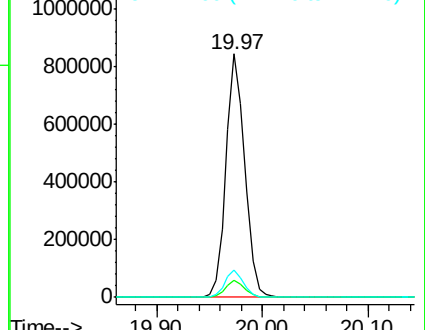
122 11.1 8.6 12.8



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

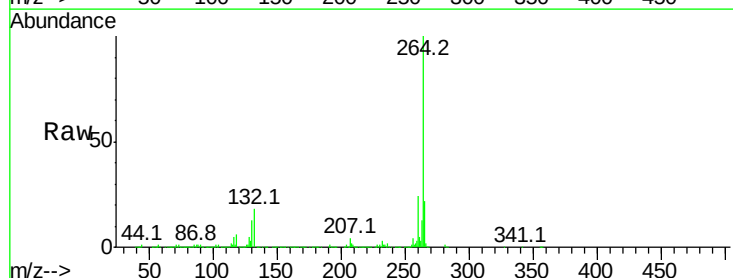
Tgt Ion:264 Resp: 967860

Ion	Ratio	Lower	Upper
264	100		
260	24.3	21.8	32.8
265	22.3	18.2	27.4

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

