

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032217\
 Data File : BG026380.D
 Acq On : 22 Mar 2017 18:01
 Operator : SJ/MA
 Sample : PB97738TB
 Misc : L00 20 PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 23 01:13:25 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	131541	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	558988	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	322015	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	788580	20.00	ng	0.00
75) Chrysene-d12	21.63	240	971942	20.00	ng	-0.01
86) Perylene-d12	24.80	264	934129	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1027228	138.61	ng	0.00
7) Phenol-d6	7.21	99	1340832	134.76	ng	0.00
23) Nitrobenzene-d5	9.20	82	714946	76.90	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	548727	148.80	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	1958409	85.29	ng	0.00
78) Terphenyl-d14	19.98	244	2863033	71.54	ng	0.00

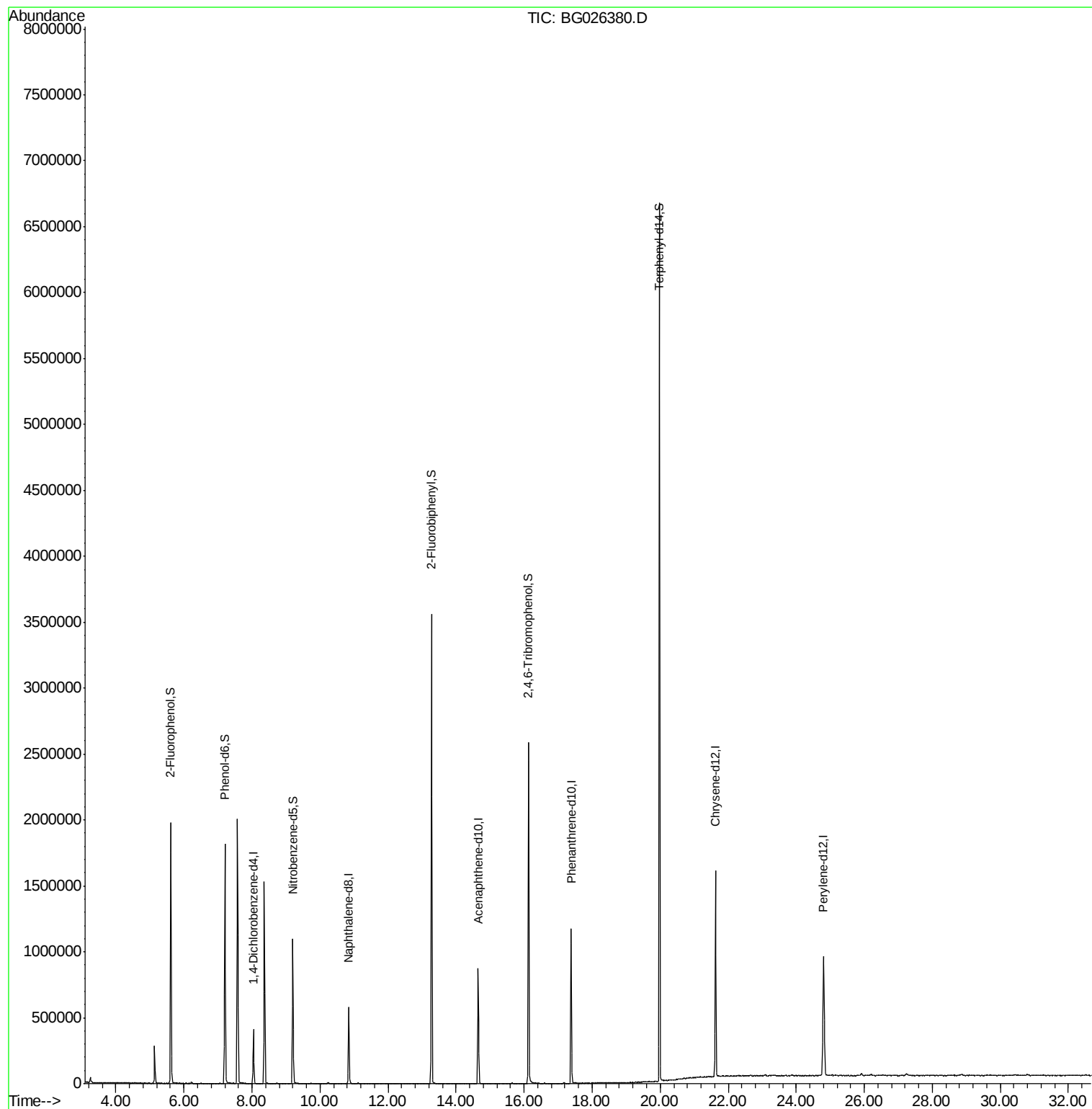
Target Compounds Qvalue

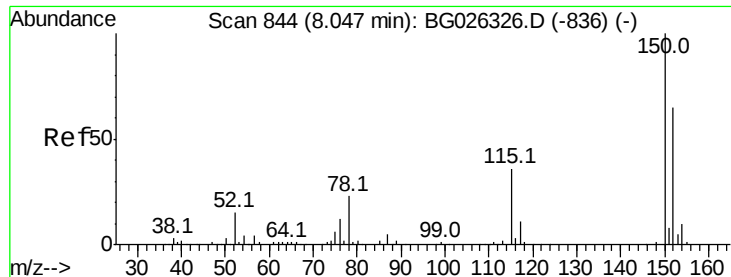
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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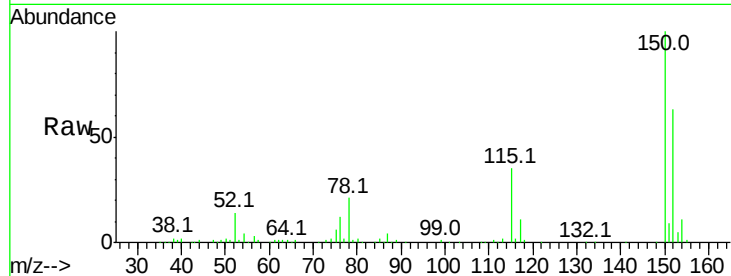


#1

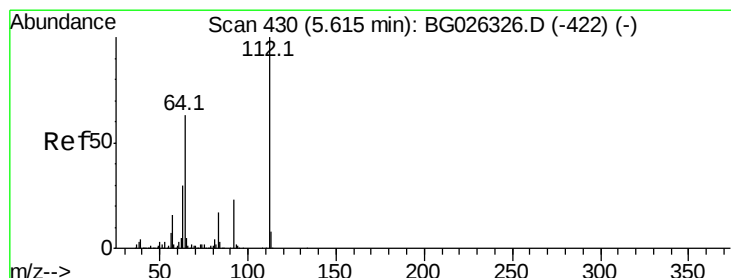
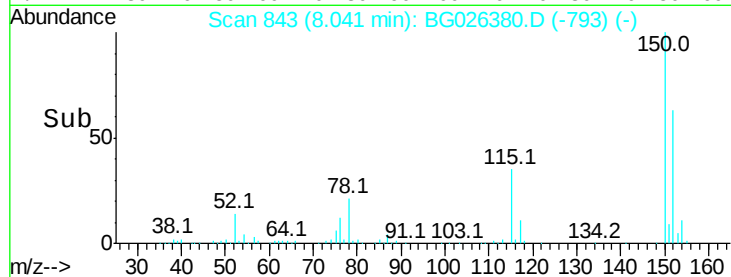
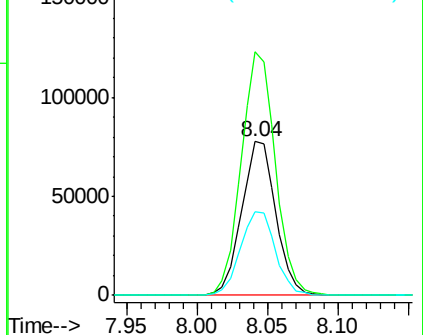
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG026380.D
Acq: 22 Mar 2017 18:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 131541
Ion Ratio Lower Upper
152 100
150 158.5 114.0 171.0
115 54.8 48.1 72.1



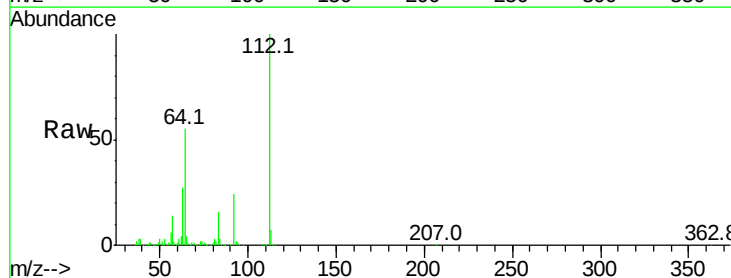
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



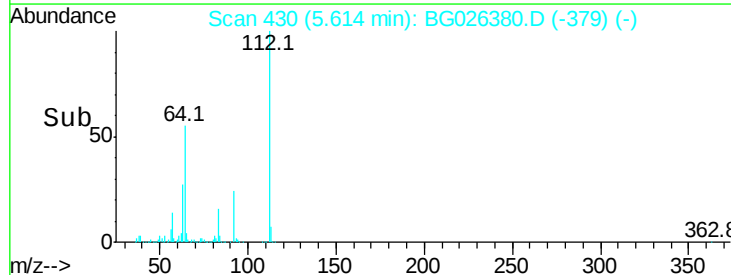
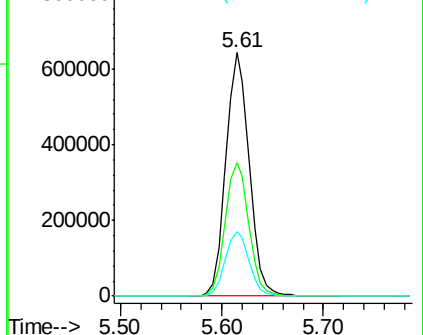
#5

2-Fluorophenol
Concen: 138.61 ng
RT: 5.61 min Scan# 430
Delta R.T. -0.00 min
Lab File: BG026380.D
Acq: 22 Mar 2017 18:01

Tgt Ion:112 Resp: 1027228
Ion Ratio Lower Upper
112 100
64 55.1 61.8 92.6#
63 26.6 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: 134.76 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG026380.D

Acq: 22 Mar 2017 18:01

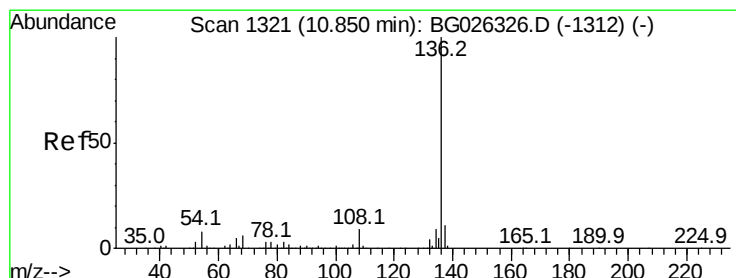
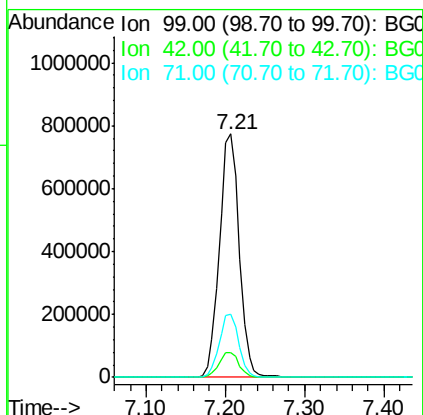
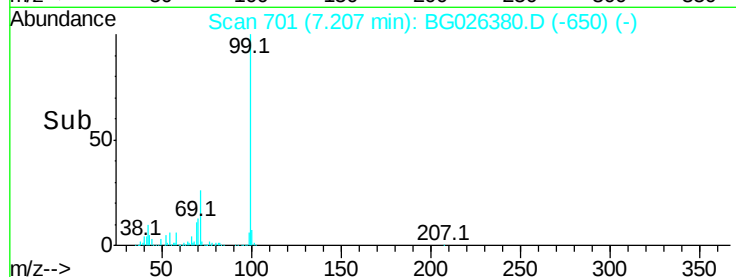
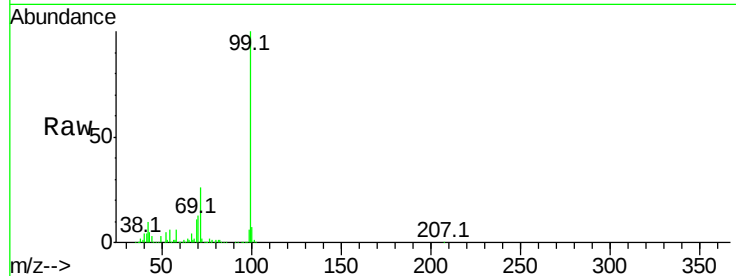
Instrument :

BNA_G

ClientSampled :

Tot Ion: 99 Resp: 1340832

Ion	Ratio	Lower	Upper
99	100		
42	10.4	20.5	30.7#
71	25.8	37.6	56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.84 min Scan# 1320

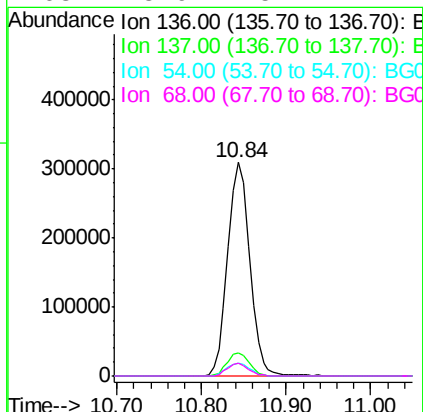
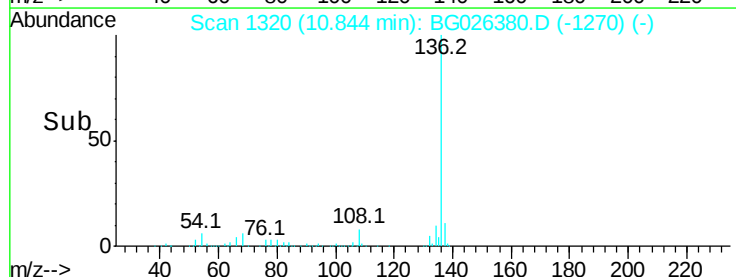
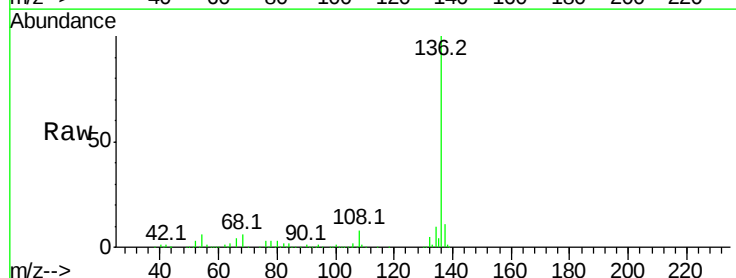
Delta R.T. -0.01 min

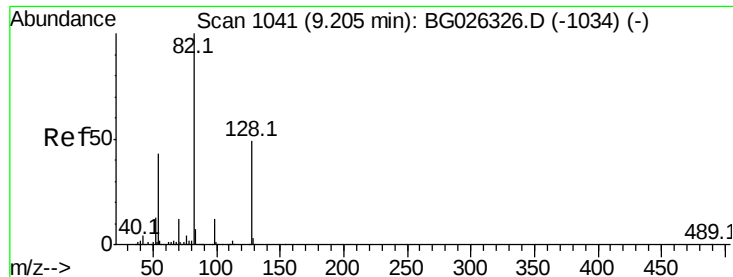
Lab File: BG026380.D

Acq: 22 Mar 2017 18:01

Tgt Ion: 136 Resp: 558988

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.2	9.3	13.9#
68	5.9	5.1	7.7

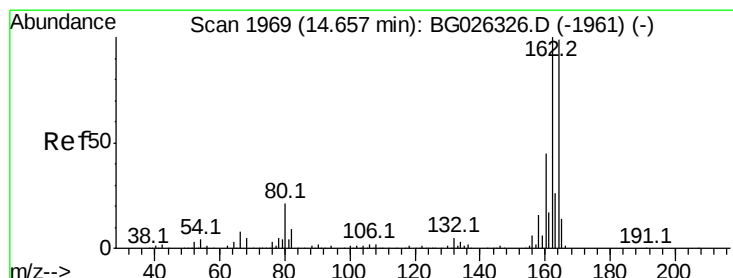
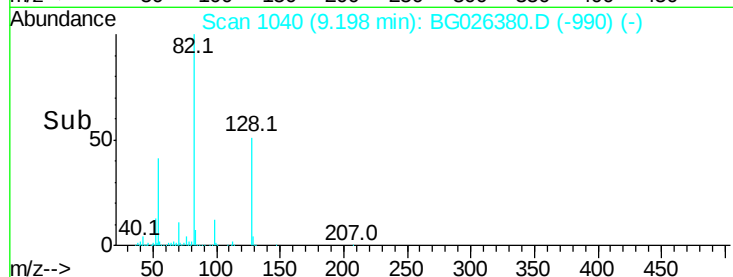
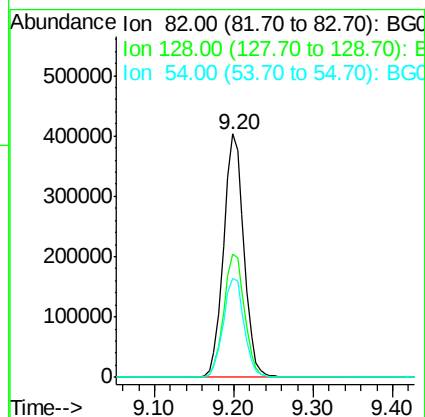
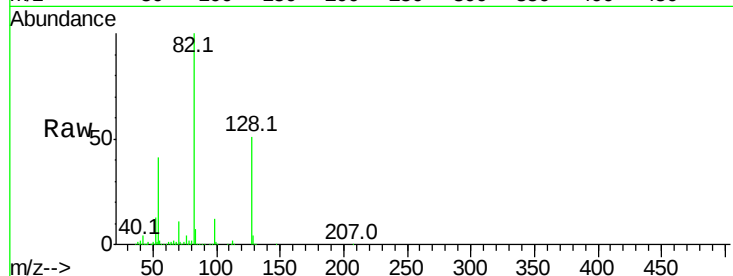




#23
 Nitrobenzene-d5
 Concen: 76.90 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG026380.D
 Acq: 22 Mar 2017 18:01

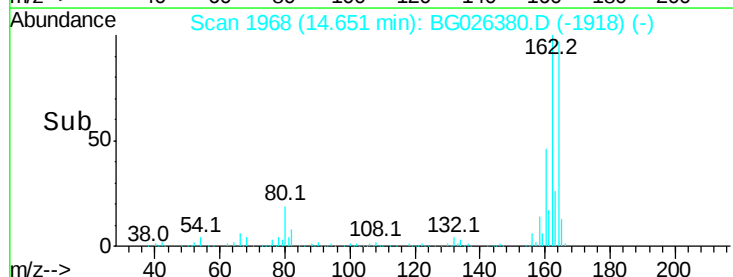
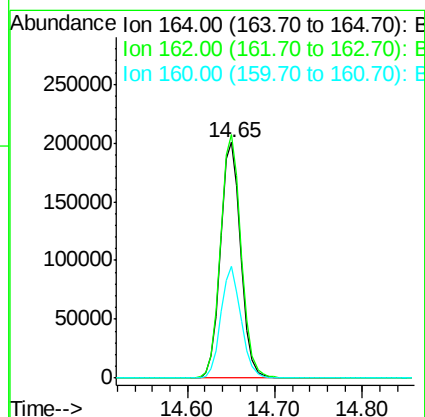
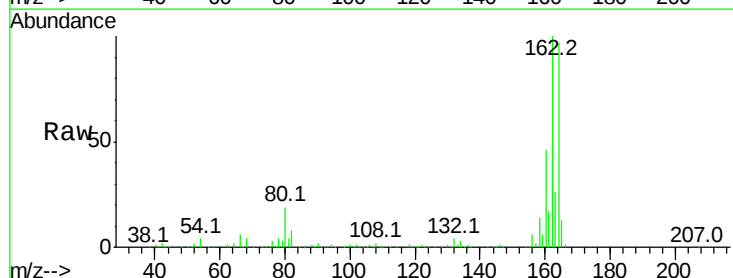
Instrument :
 BNA_G
 ClientSampled :

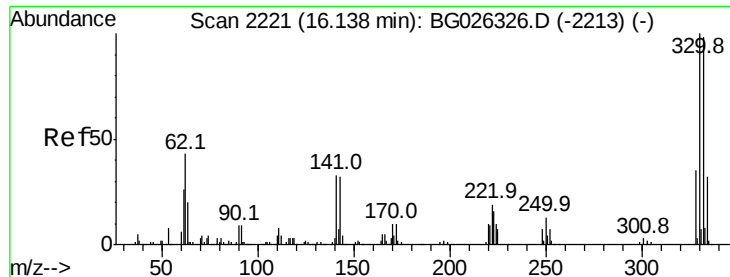
Tot Ion	82	Resp	714946
Ion	Ratio	Lower	Upper
82	100		
128	50.6	26.4	39.6#
54	40.6	49.4	74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: BG026380.D
 Acq: 22 Mar 2017 18:01

Tgt Ion	164	Resp	322015
Ion	Ratio	Lower	Upper
164	100		
162	103.4	85.1	127.7
160	47.5	34.7	52.1

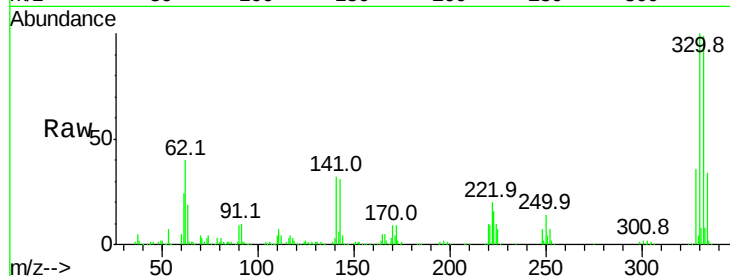




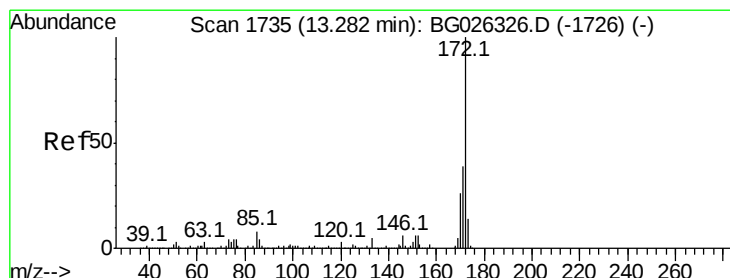
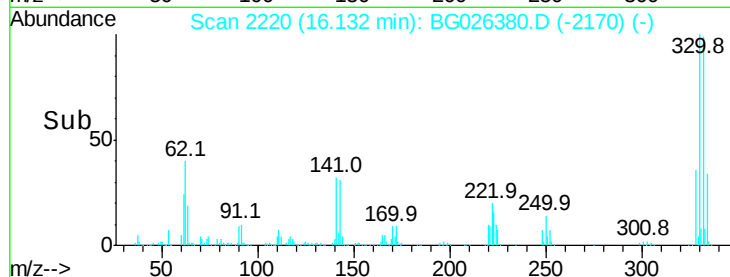
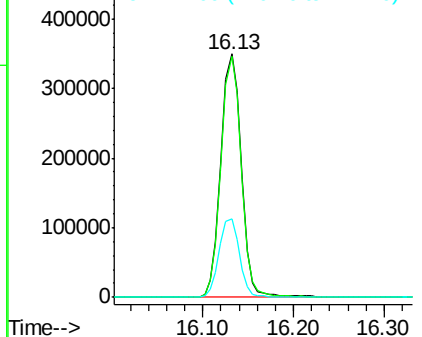
#41
 2,4,6-Tribromophenol
 Concen: 148.80 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BG026380.D
 Acq: 22 Mar 2017 18:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.3	115.9
141	32.3	32.1	48.1

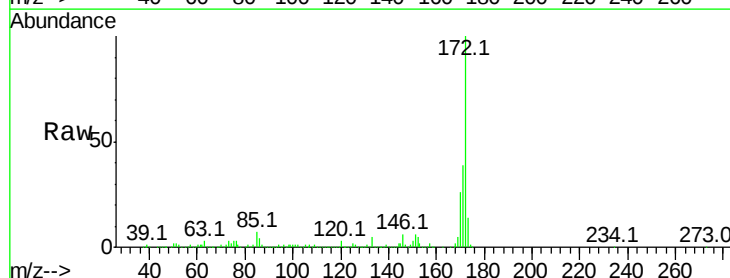


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

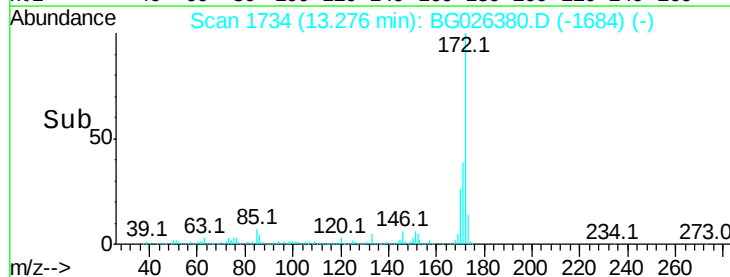
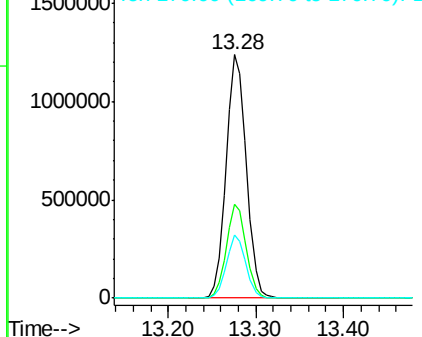


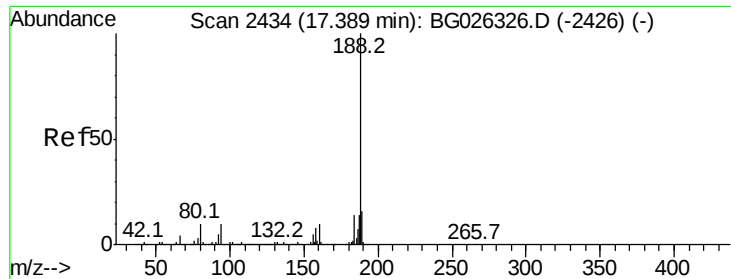
#44
 2-Fluorobiphenyl
 Concen: 85.29 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG026380.D
 Acq: 22 Mar 2017 18:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	32.2	48.2
170	25.7	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# 2433

Delta R.T. -0.01 min

Lab File: BG026380.D

Acq: 22 Mar 2017 18:01

Instrument :

BNA_G

ClientSampleId :

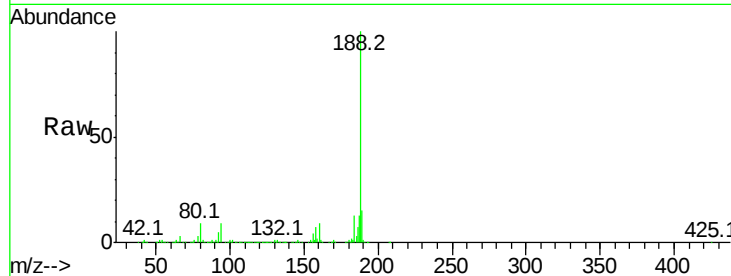
Tot Ion:188 Resp: 788580

Ion Ratio Lower Upper

188 100

94 8.5 5.8 8.8

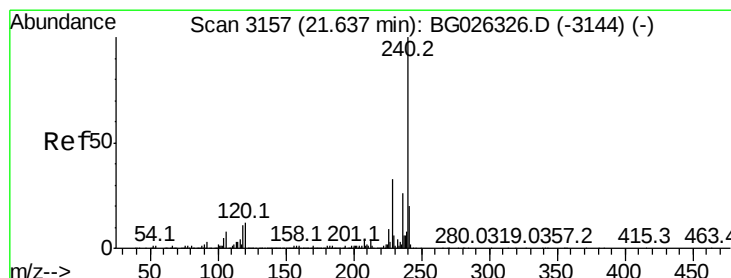
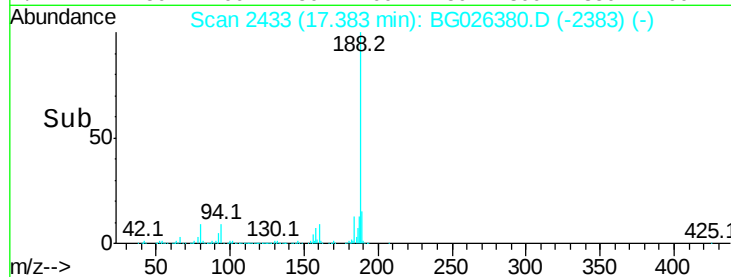
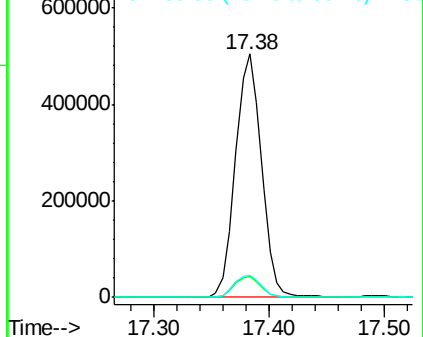
80 8.9 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG026380.D

Acq: 22 Mar 2017 18:01

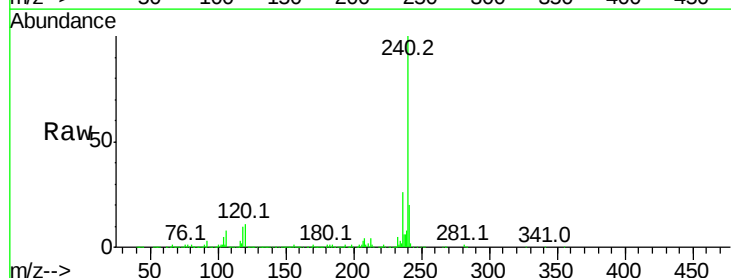
Tgt Ion:240 Resp: 971942

Ion Ratio Lower Upper

240 100

120 10.9 5.7 8.5#

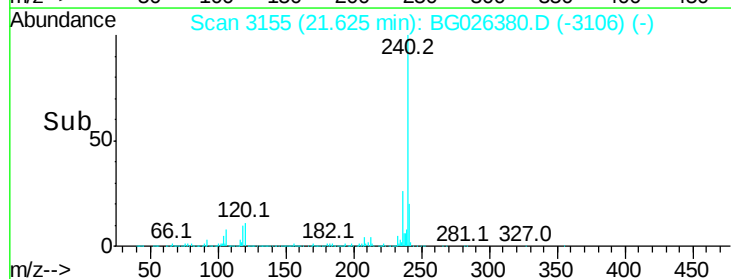
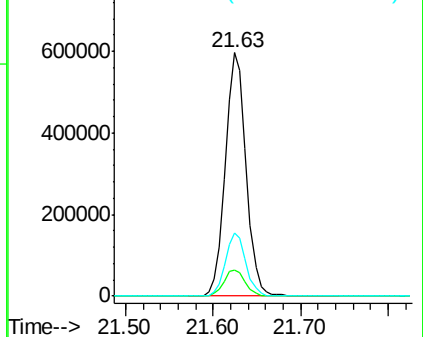
236 26.1 22.2 33.4

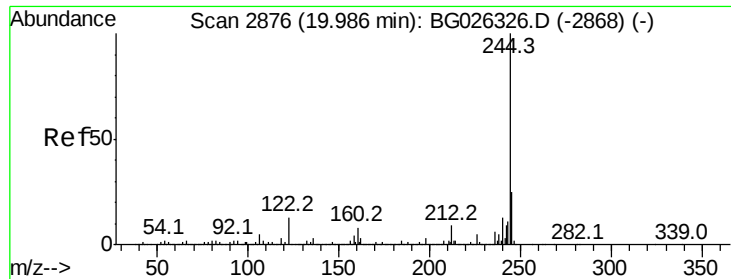


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

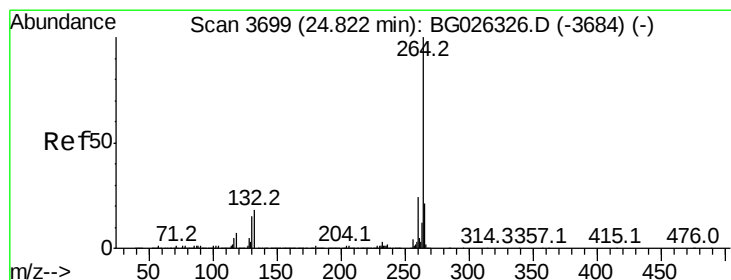
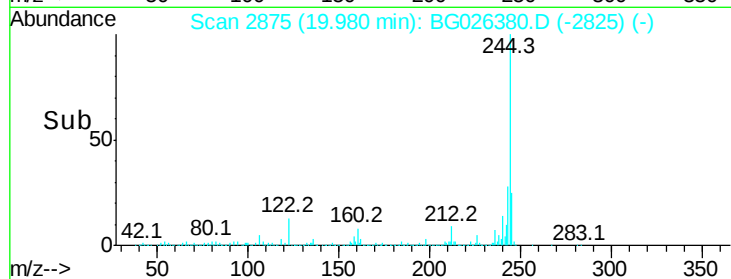
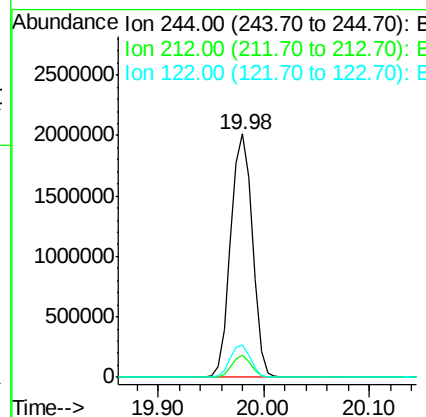
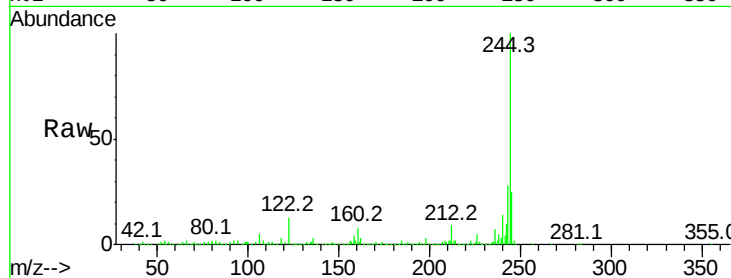




#78
 Terphenyl-d14
 Concen: 71.54 ng
 RT: 19.98 min Scan# 2875
 Delta R.T. -0.01 min
 Lab File: BG026380.D
 Acq: 22 Mar 2017 18:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 2863033
 Ion Ratio Lower Upper
 244 100
 212 8.9 10.0 15.0#
 122 13.3 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: BG026380.D
 Acq: 22 Mar 2017 18:01

Tgt Ion:264 Resp: 934129
 Ion Ratio Lower Upper
 264 100
 260 23.9 21.8 32.8
 265 21.5 18.2 27.4

