

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032217\
 Data File : BG026388.D
 Acq On : 22 Mar 2017 23:15
 Operator : SJ/MA
 Sample : I2350-10
 Misc : L00 20 PPB
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 23 01:15:22 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	138870	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	551431	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	314645	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	777572	20.00	ng	0.00
75) Chrysene-d12	21.62	240	980976	20.00	ng	-0.01
86) Perylene-d12	24.80	264	669758	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1033895	132.14	ng	0.00
7) Phenol-d6	7.21	99	1273245	121.21	ng	0.00
23) Nitrobenzene-d5	9.20	82	763541	83.26	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	611780	169.79	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	2098546	93.53	ng	0.00
78) Terphenyl-d14	19.98	244	3227643	79.91	ng	0.00

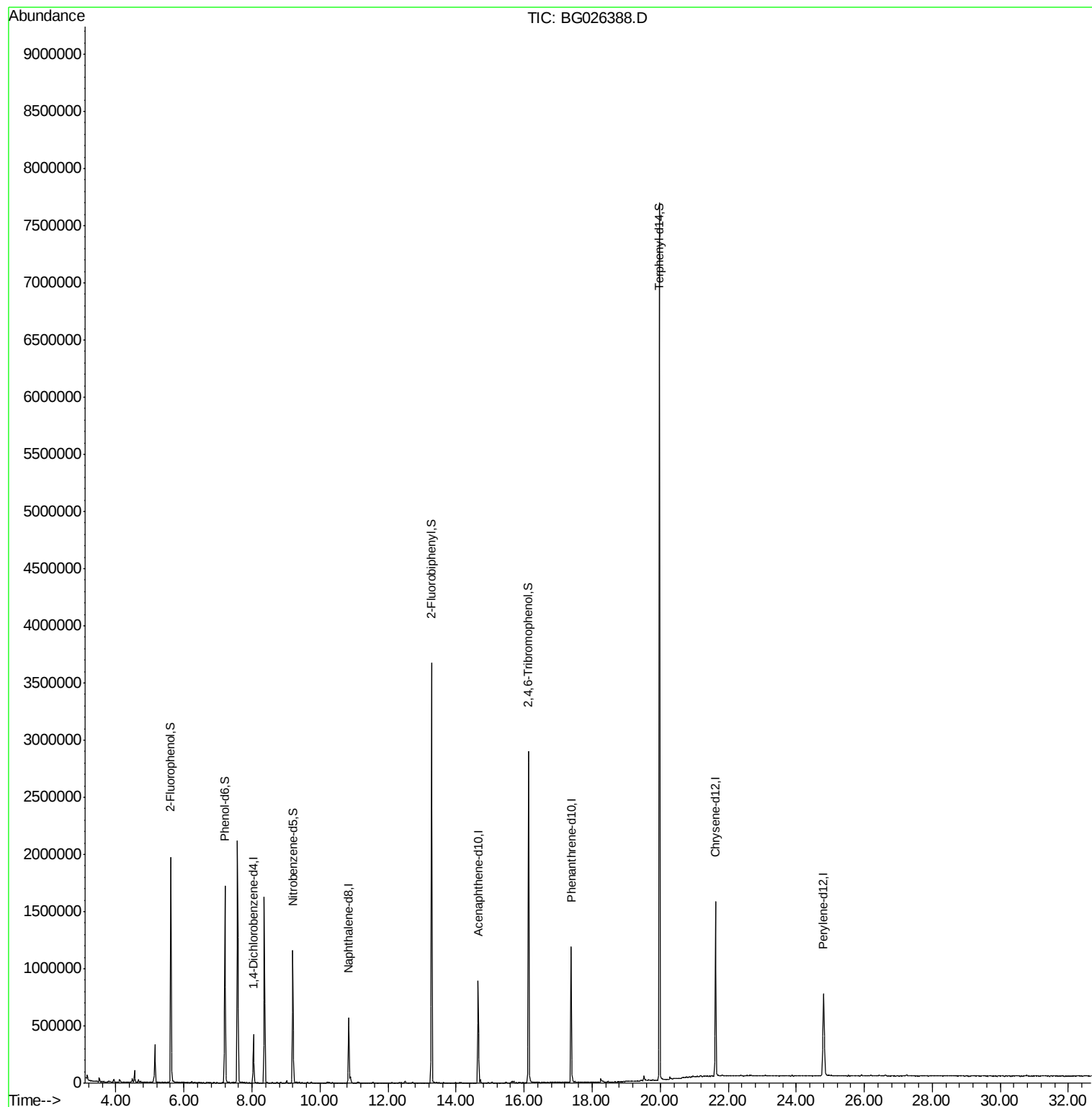
Target Compounds Qvalue

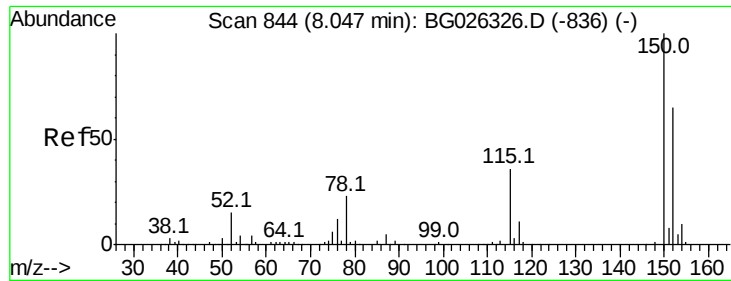
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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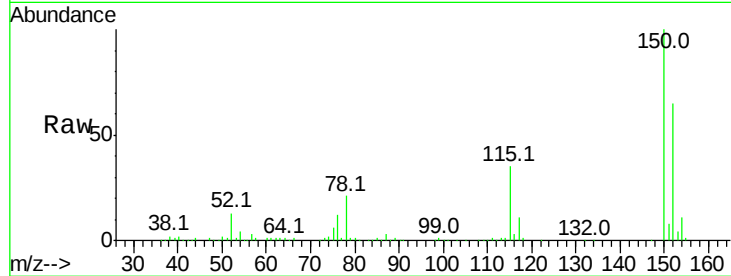


#1

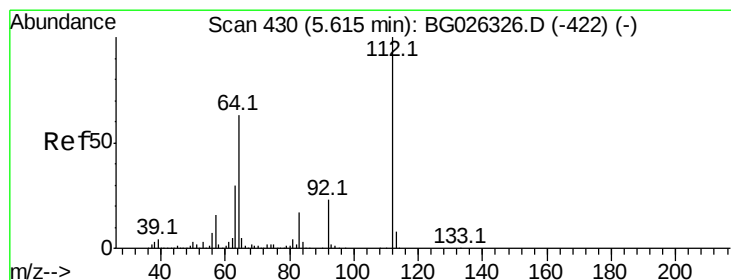
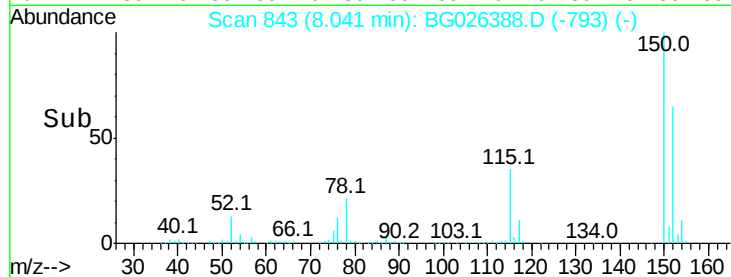
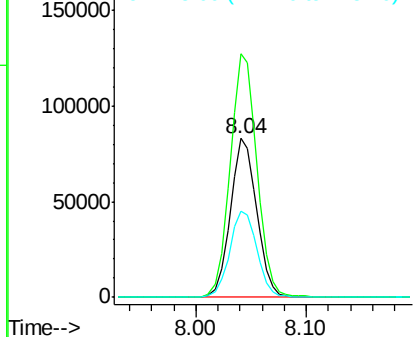
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG026388.D
Acq: 22 Mar 2017 23:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 138870
Ion Ratio Lower Upper
152 100
150 153.3 114.0 171.0
115 54.0 48.1 72.1



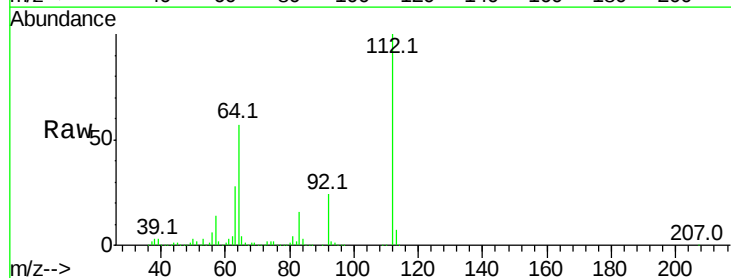
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



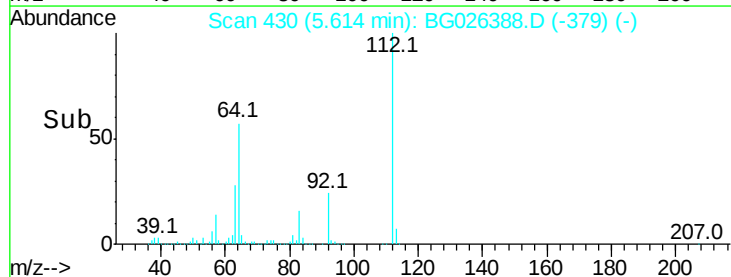
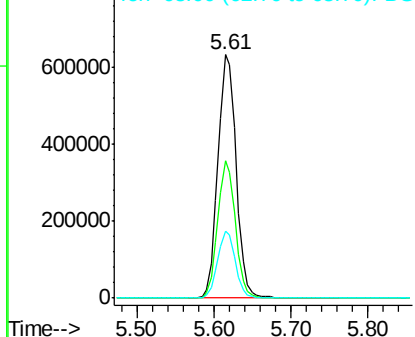
#5

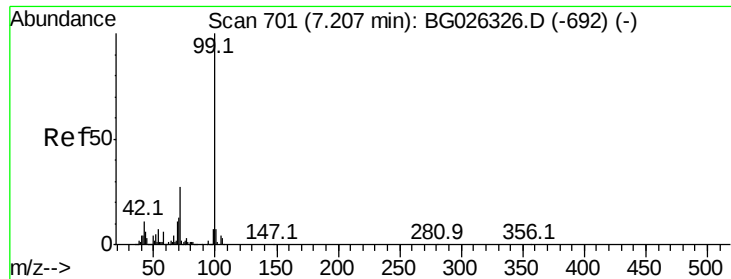
2-Fluorophenol
Concen: 132.14 ng
RT: 5.61 min Scan# 430
Delta R.T. -0.00 min
Lab File: BG026388.D
Acq: 22 Mar 2017 23:15

Tgt Ion:112 Resp: 1033895
Ion Ratio Lower Upper
112 100
64 56.6 61.8 92.6#
63 27.7 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: 121.21 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG026388.D

Acq: 22 Mar 2017 23:15

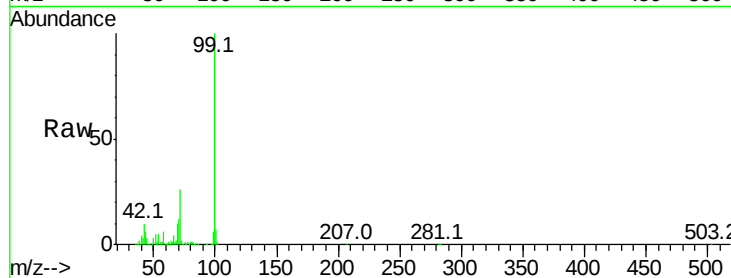
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1273245

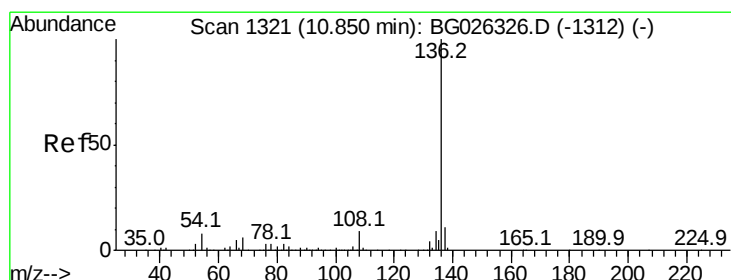
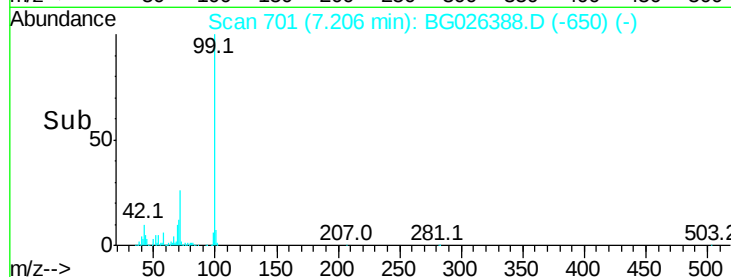
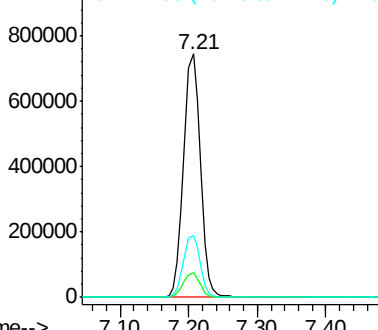
Ion	Ratio	Lower	Upper
99	100		
42	10.0	20.5	30.7#
71	25.6	37.6	56.4#



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

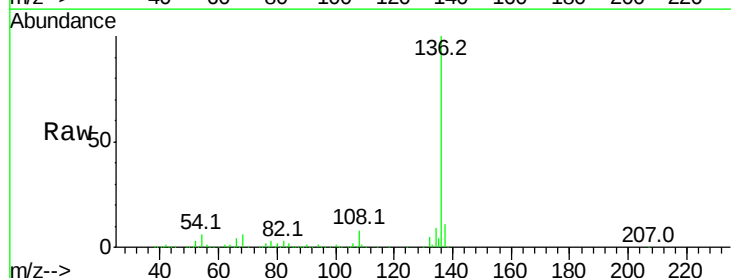
Delta R.T. -0.01 min

Lab File: BG026388.D

Acq: 22 Mar 2017 23:15

Tgt Ion: 136 Resp: 551431

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	6.1	9.3	13.9#
68	5.8	5.1	7.7

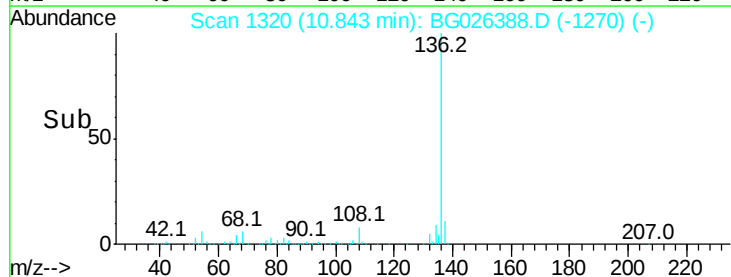
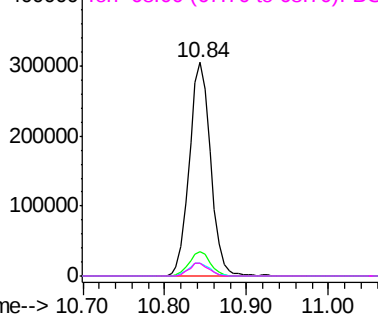


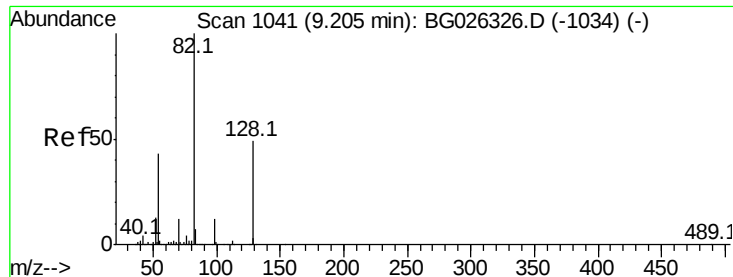
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

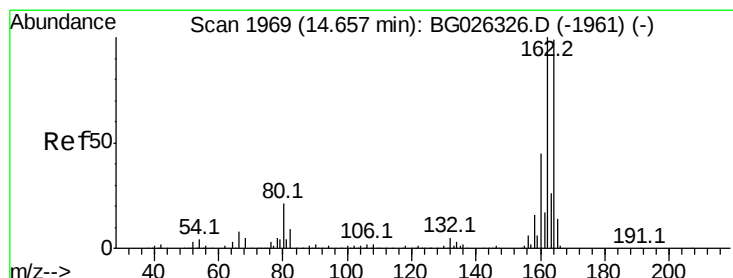
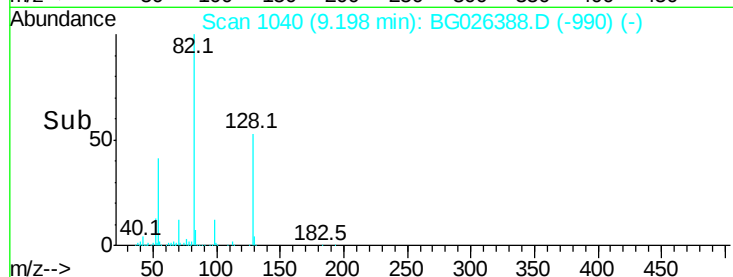
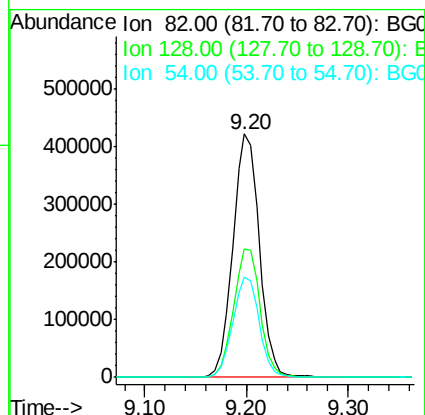
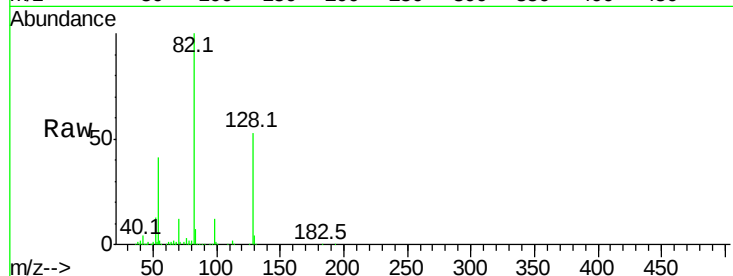




#23
Nitrobenzene-d5
Concen: 83.26 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG026388.D
Acq: 22 Mar 2017 23:15

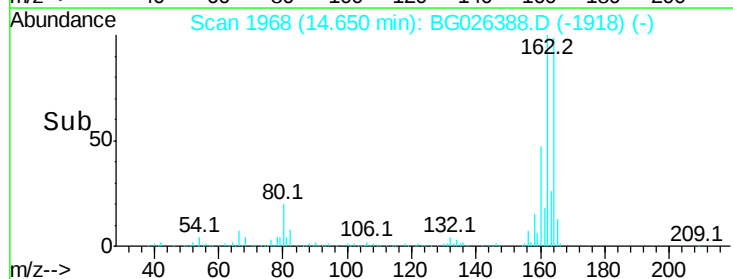
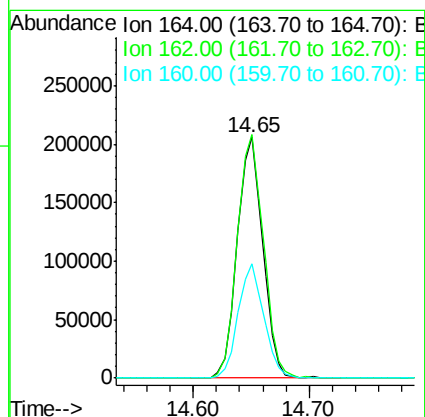
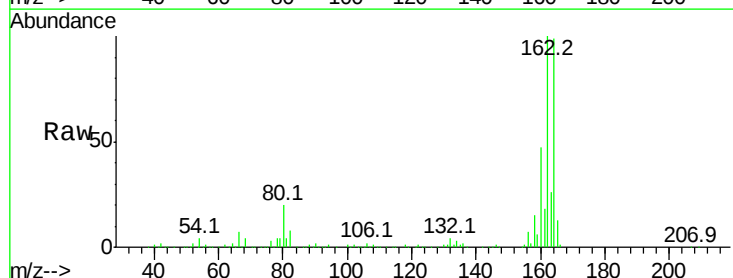
Instrument :
BNA_G
ClientSampleId :

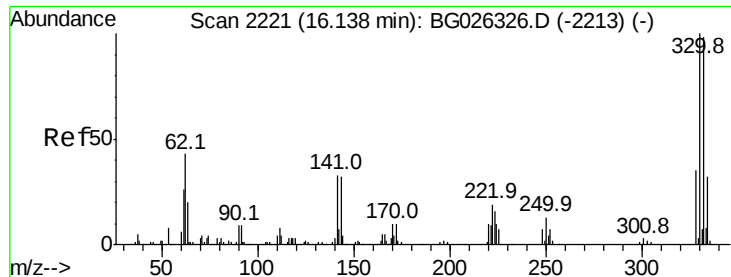
Tot Ion	82	Resp	763541
Ion	Ratio	Lower	Upper
82	100		
128	52.7	26.4	39.6#
54	41.3	49.4	74.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG026388.D
Acq: 22 Mar 2017 23:15

Tgt Ion	164	Resp	314645
Ion	Ratio	Lower	Upper
164	100		
162	101.2	85.1	127.7
160	47.5	34.7	52.1

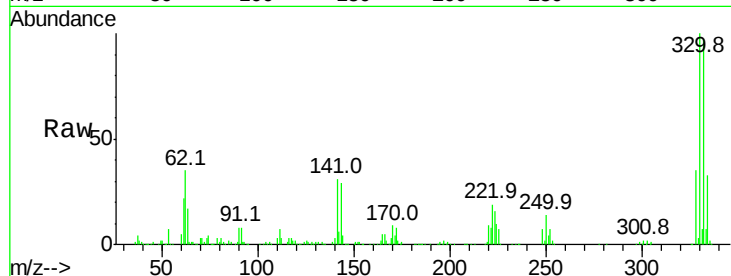




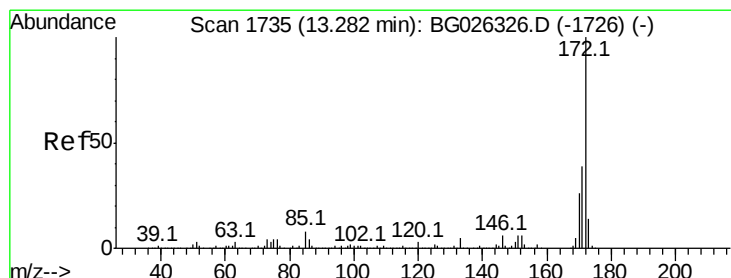
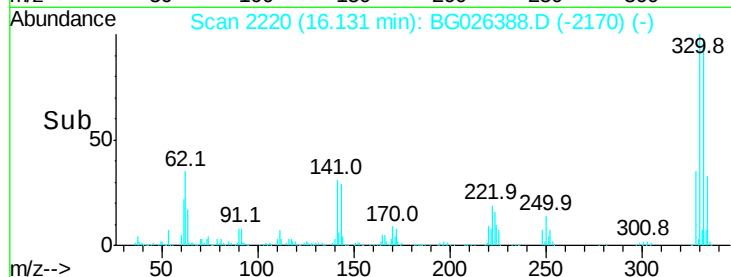
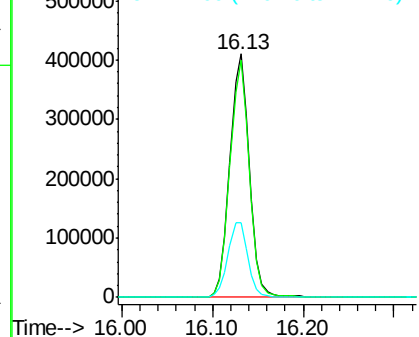
#41
 2,4,6-Tribromophenol
 Concen: 169.79 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BG026388.D
 Acq: 22 Mar 2017 23:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	31.8	32.1	48.1#

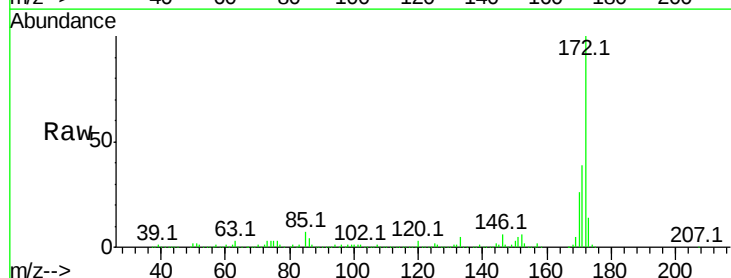


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

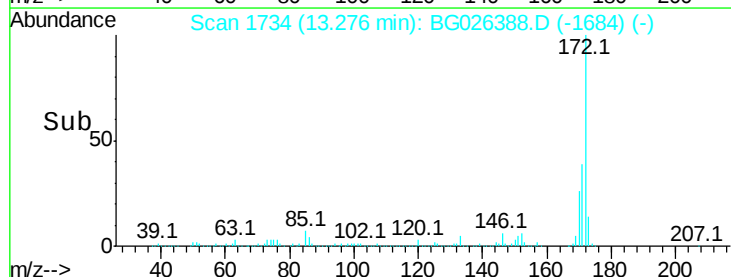
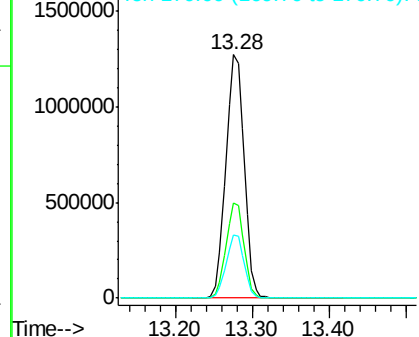


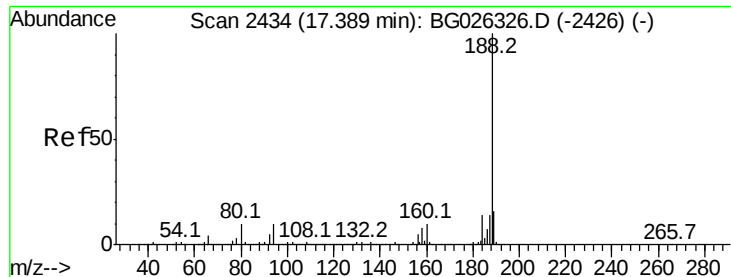
#44
 2-Fluorobiphenyl
 Concen: 93.53 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG026388.D
 Acq: 22 Mar 2017 23:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.3	32.2	48.2
170	25.9	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

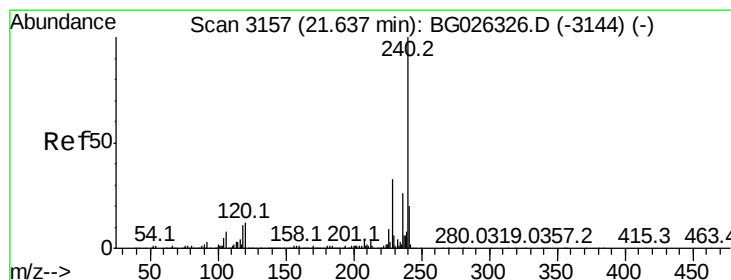
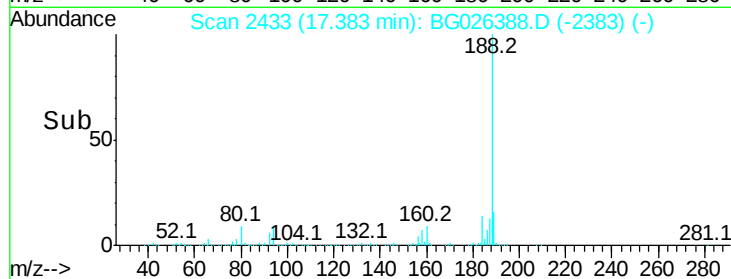
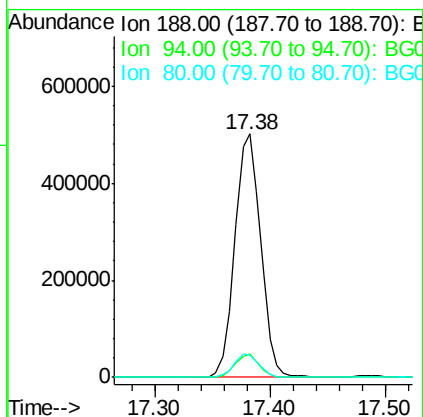
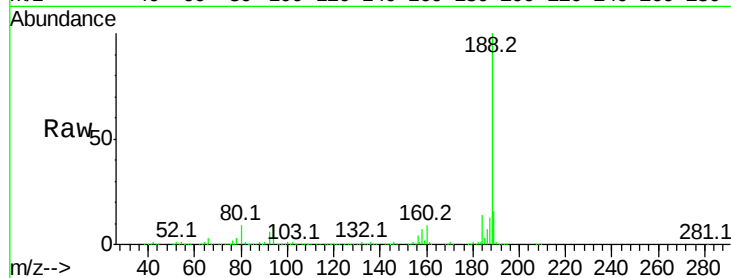




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG026388.D
Acq: 22 Mar 2017 23:15

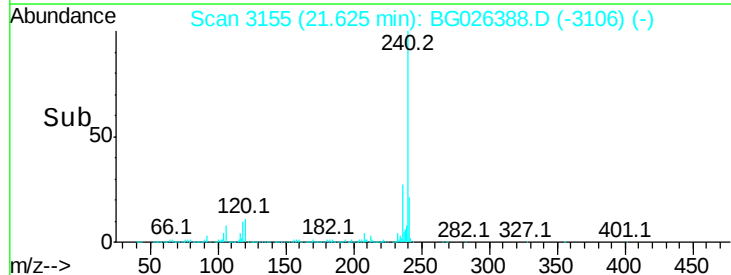
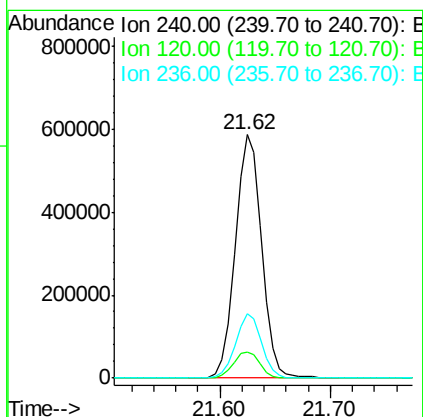
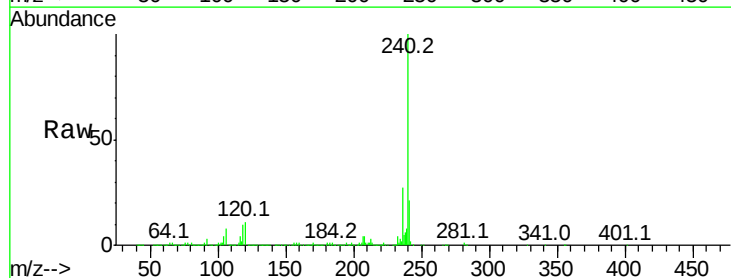
Instrument :
BNA_G
ClientSampleId :

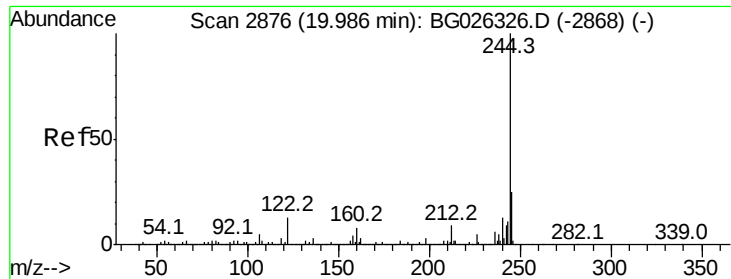
Tot Ion:188 Resp: 777572
Ion Ratio Lower Upper
188 100
94 9.4 5.8 8.8#
80 9.0 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.62 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG026388.D
Acq: 22 Mar 2017 23:15

Tgt Ion:240 Resp: 980976
Ion Ratio Lower Upper
240 100
120 10.7 5.7 8.5#
236 26.6 22.2 33.4

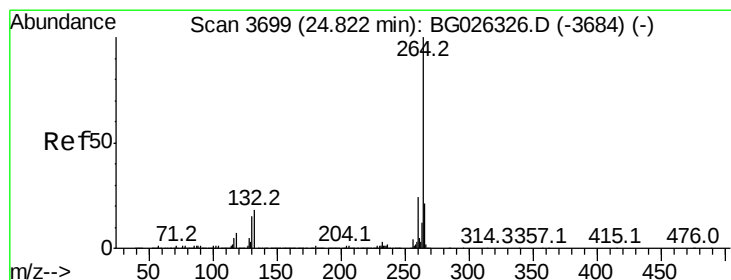
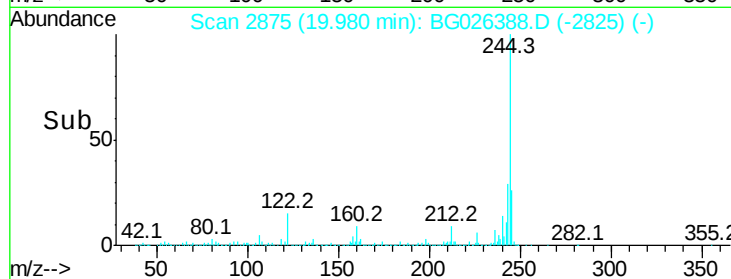
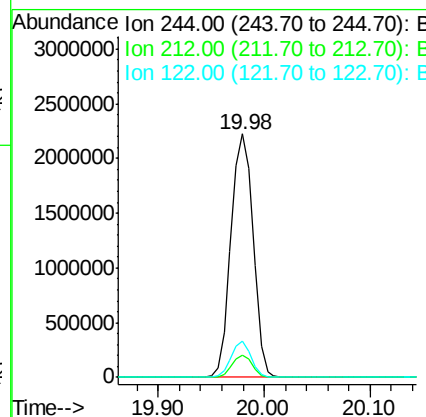
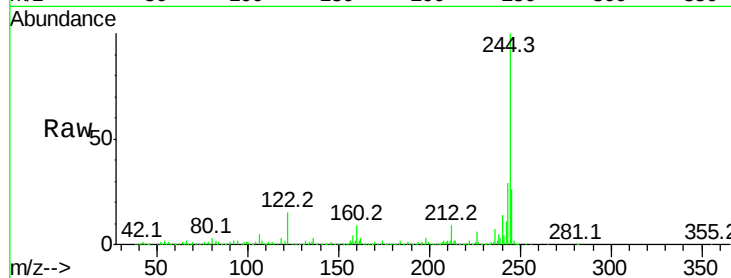




#78
 Terphenyl-d14
 Concen: 79.91 ng
 RT: 19.98 min Scan# 2875
 Delta R.T. -0.01 min
 Lab File: BG026388.D
 Acq: 22 Mar 2017 23:15

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:244 Resp: 3227643
 Ion Ratio Lower Upper
 244 100
 212 9.4 10.0 15.0#
 122 14.7 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: BG026388.D
 Acq: 22 Mar 2017 23:15

Tgt Ion:264 Resp: 669758
 Ion Ratio Lower Upper
 264 100
 260 26.0 21.8 32.8
 265 20.5 18.2 27.4

