

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032317\
 Data File : BG026408.D
 Acq On : 23 Mar 2017 18:33
 Operator : SJ/MA
 Sample : I2364-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 24 01:01:21 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

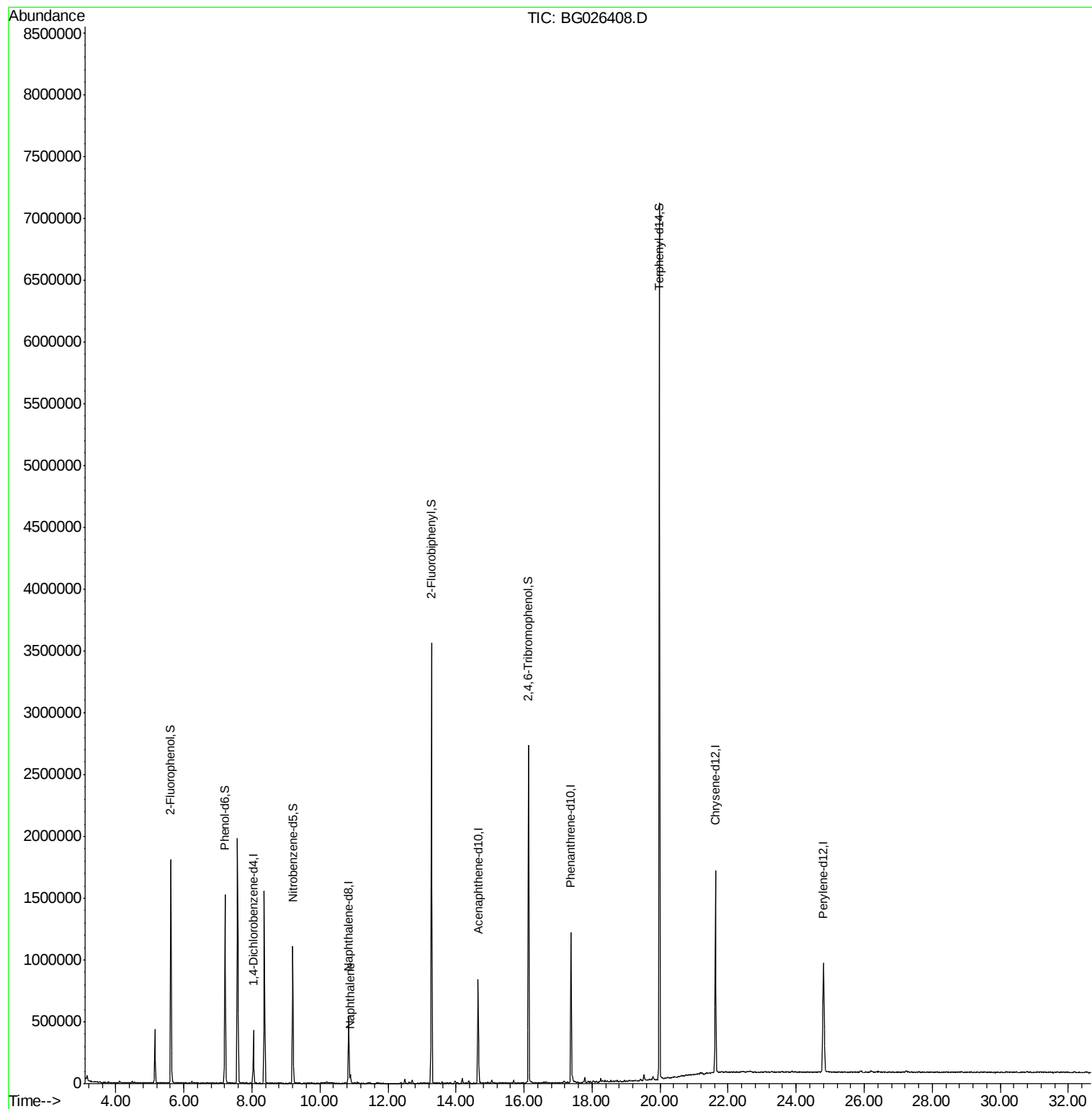
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	134498	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	531818	20.00	ng	-0.01
38) Acenaphthene-d10	14.65	164	308861	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	788825	20.00	ng	-0.01
75) Chrysene-d12	21.63	240	1008980	20.00	ng	-0.01
86) Perylene-d12	24.81	264	971963	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	947581	125.05	ng	0.00
7) Phenol-d6	7.21	99	1107799	108.89	ng	0.00
23) Nitrobenzene-d5	9.20	82	716476	81.01	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	574419	162.40	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	1926750	87.48	ng	0.00
78) Terphenyl-d14	19.98	244	3092050	74.42	ng	0.00
Target Compounds						
31) Naphthalene	10.89	128	70041	2.60	ng	Qvalue 99

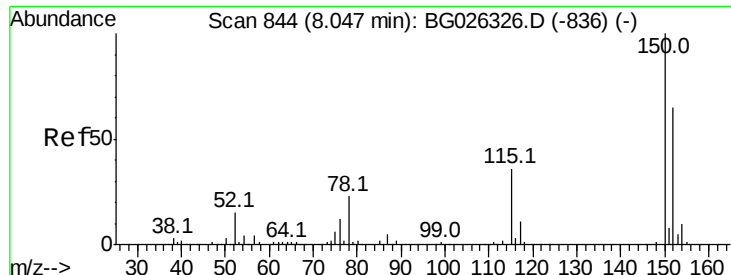
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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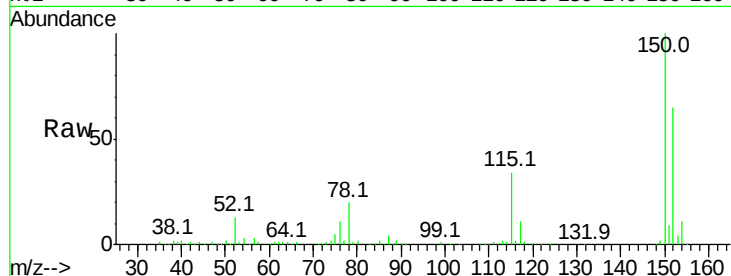


#1

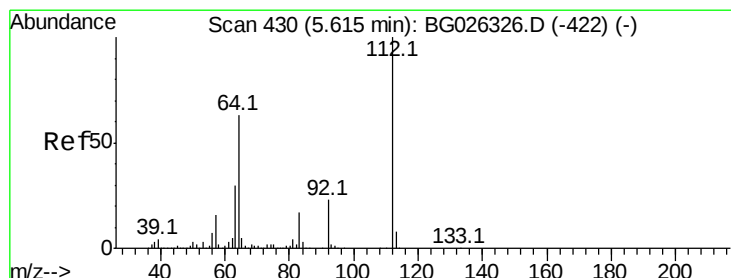
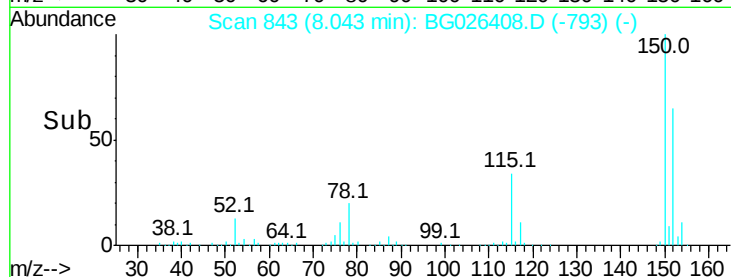
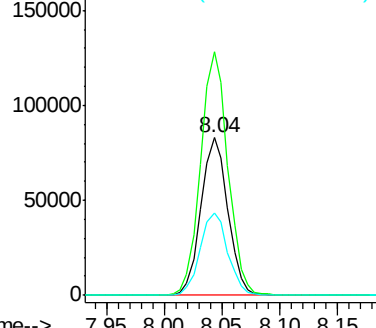
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG026408.D
Acq: 23 Mar 2017 18:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 134498
Ion Ratio Lower Upper
152 100
150 154.8 114.0 171.0
115 52.5 48.1 72.1



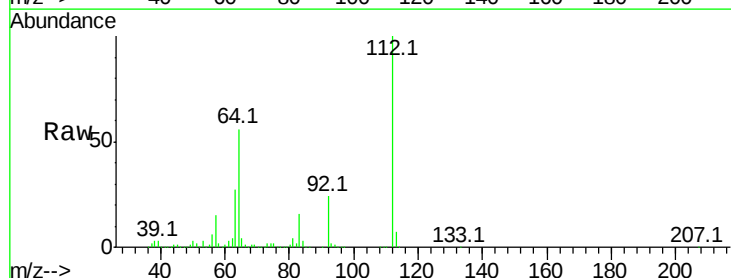
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



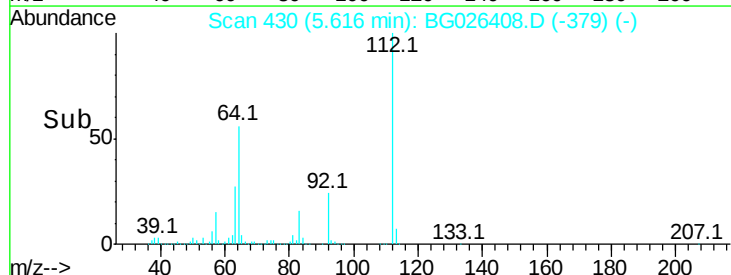
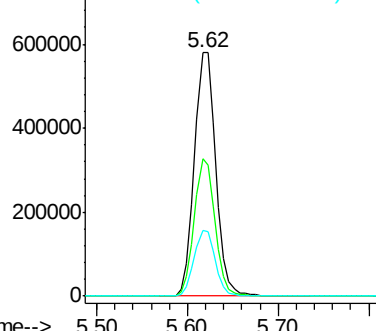
#5

2-Fluorophenol
Concen: 125.05 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG026408.D
Acq: 23 Mar 2017 18:33

Tgt Ion:112 Resp: 947581
Ion Ratio Lower Upper
112 100
64 56.5 61.8 92.6#
63 27.0 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: 108.89 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG026408.D

Acq: 23 Mar 2017 18:33

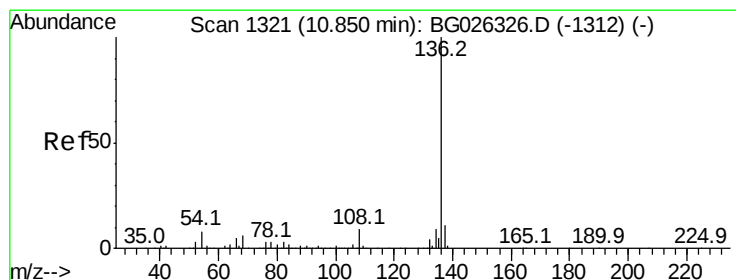
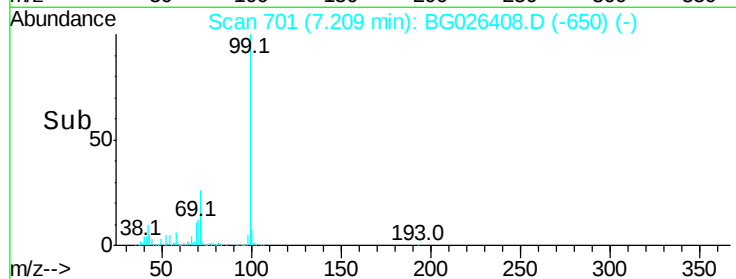
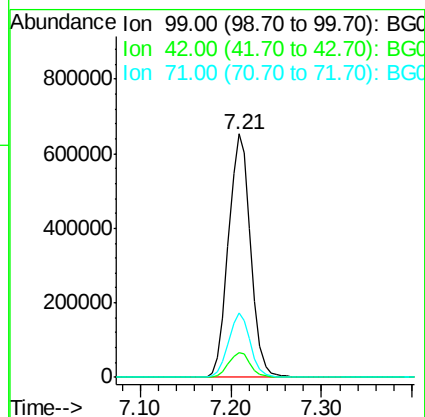
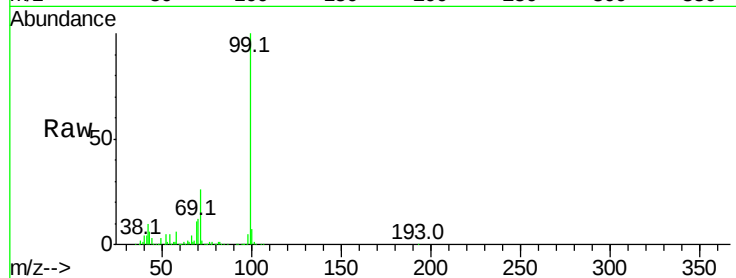
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1107799

Ion	Ratio	Lower	Upper
99	100		
42	10.2	20.5	30.7#
71	26.3	37.6	56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.84 min Scan# 1319

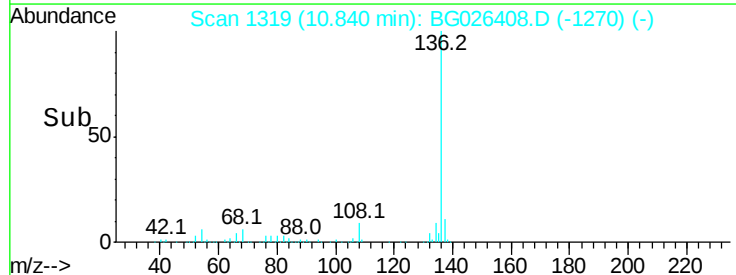
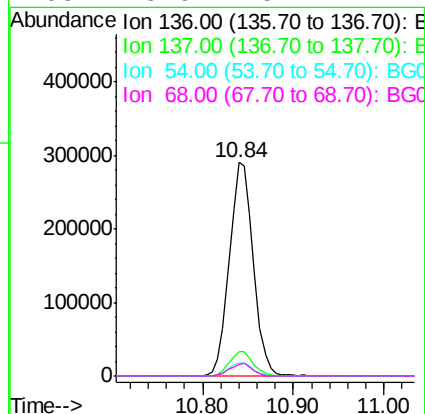
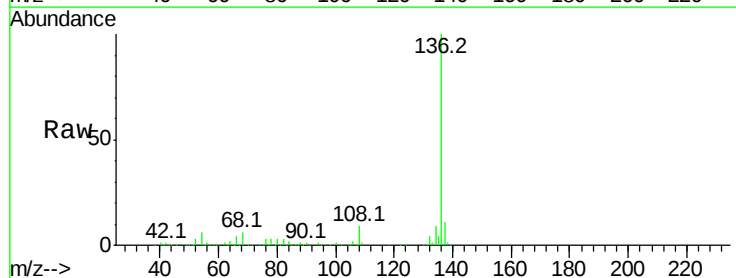
Delta R.T. -0.01 min

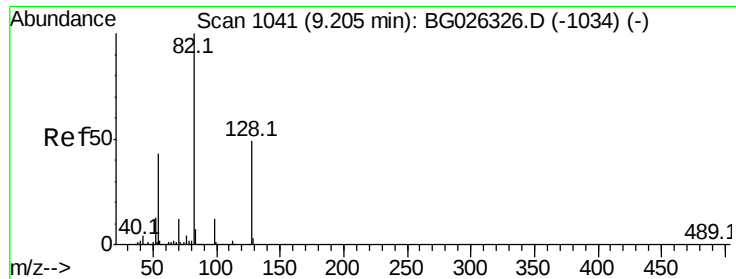
Lab File: BG026408.D

Acq: 23 Mar 2017 18:33

Tgt Ion: 136 Resp: 531818

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	6.2	9.3	13.9#
68	5.6	5.1	7.7

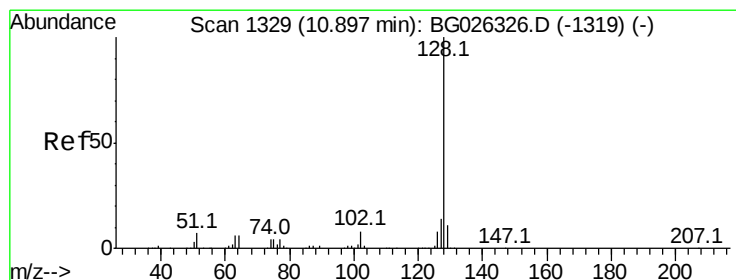
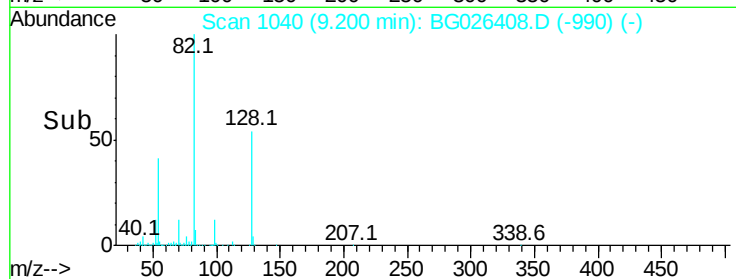
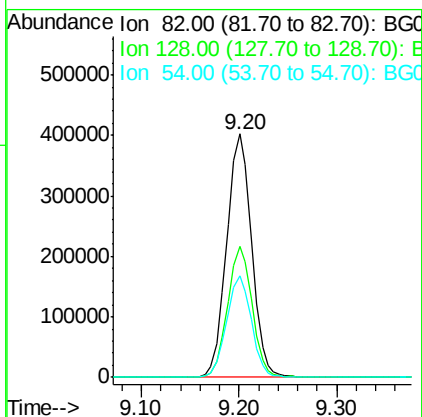
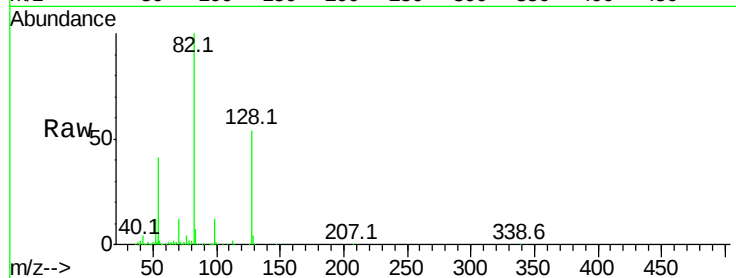




#23
 Nitrobenzene-d5
 Concen: 81.01 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG026408.D
 Acq: 23 Mar 2017 18:33

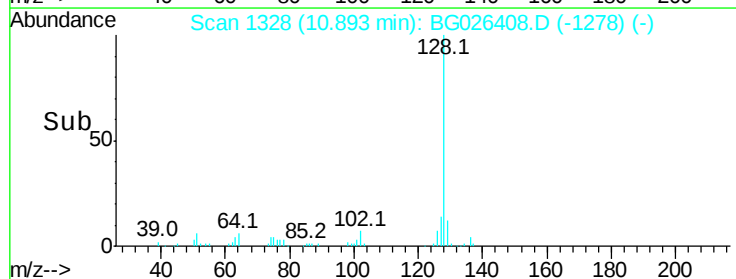
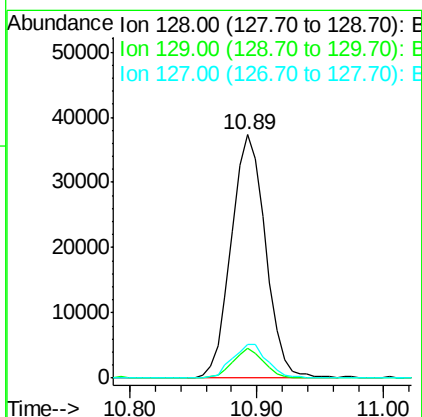
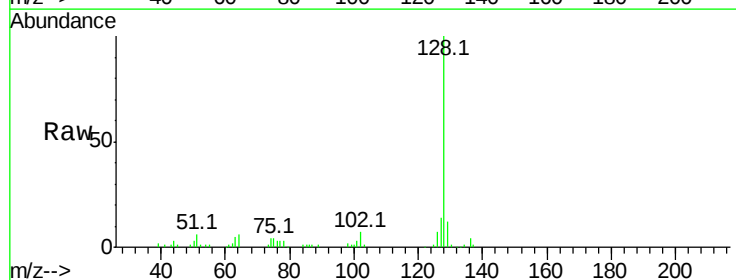
Instrument :
 BNA_G
 ClientSampleId :

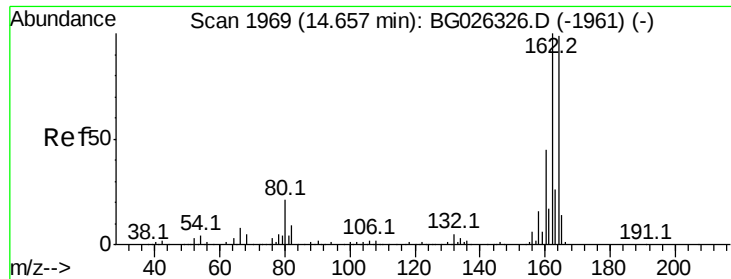
Tot Ion: 82 Resp: 716476
 Ion Ratio Lower Upper
 82 100
 128 54.0 26.4 39.6#
 54 41.5 49.4 74.2#



#31
 Naphthalene
 Concen: 2.60 ng
 RT: 10.89 min Scan# 1328
 Delta R.T. -0.00 min
 Lab File: BG026408.D
 Acq: 23 Mar 2017 18:33

Tgt Ion: 128 Resp: 70041
 Ion Ratio Lower Upper
 128 100
 129 12.4 9.3 13.9
 127 14.1 11.4 17.0

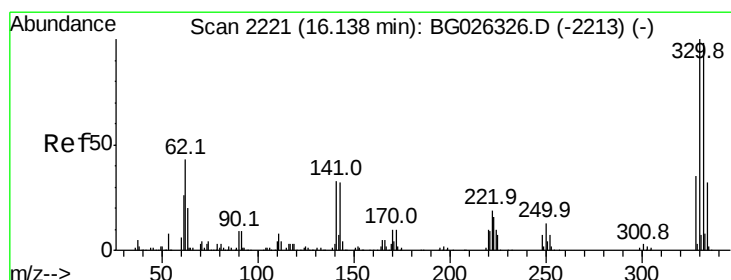
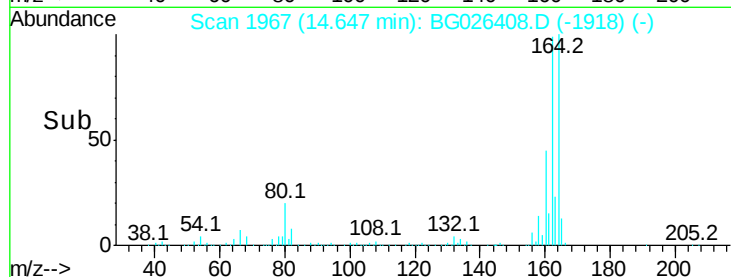
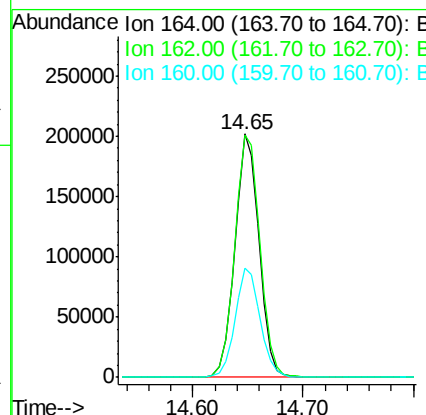
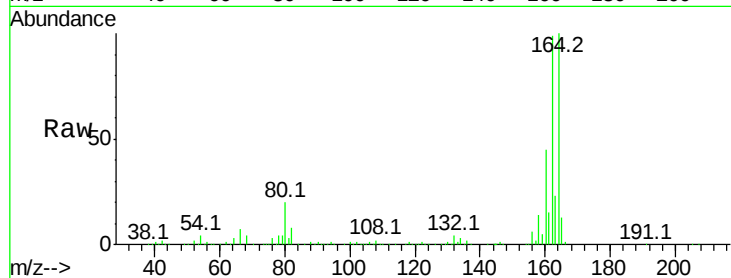




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG026408.D
 Acq: 23 Mar 2017 18:33

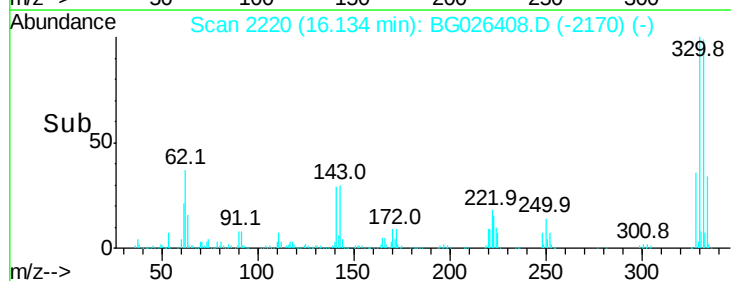
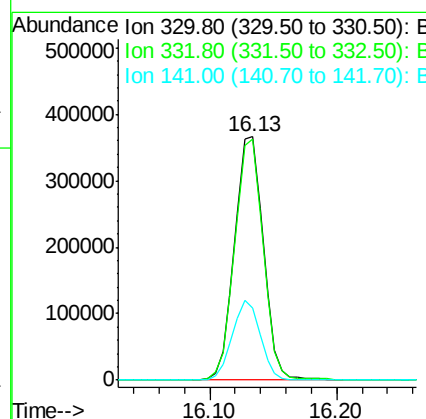
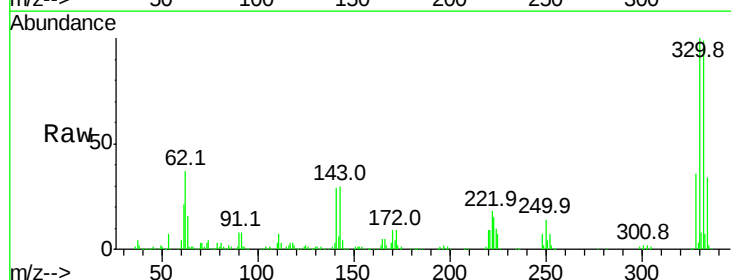
Instrument :
 BNA_G
 ClientSampleId :

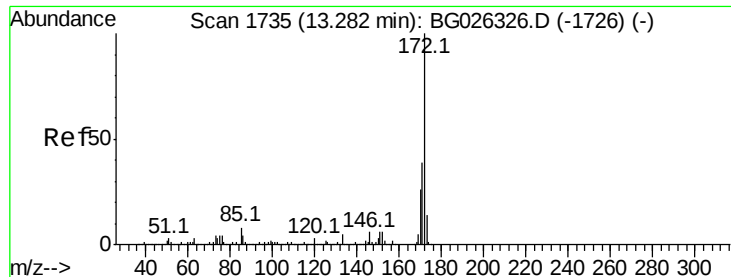
Tot Ion:164 Resp: 308861
 Ion Ratio Lower Upper
 164 100
 162 99.5 85.1 127.7
 160 44.7 34.7 52.1



#41
 2,4,6-Tribromophenol
 Concen: 162.40 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.00 min
 Lab File: BG026408.D
 Acq: 23 Mar 2017 18:33

Tgt Ion:330 Resp: 574419
 Ion Ratio Lower Upper
 330 100
 332 98.5 77.3 115.9
 141 31.8 32.1 48.1#

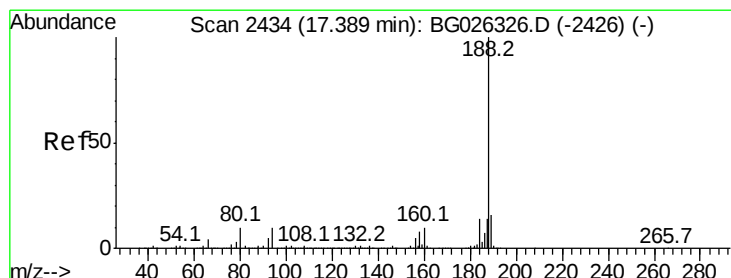
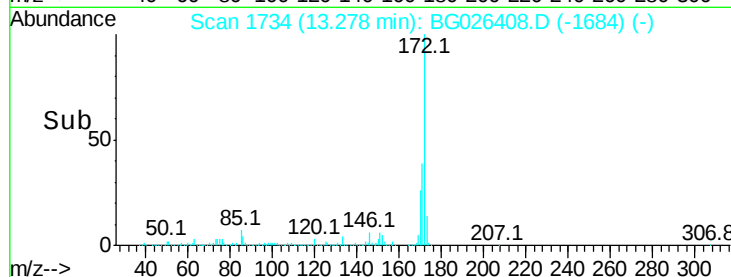
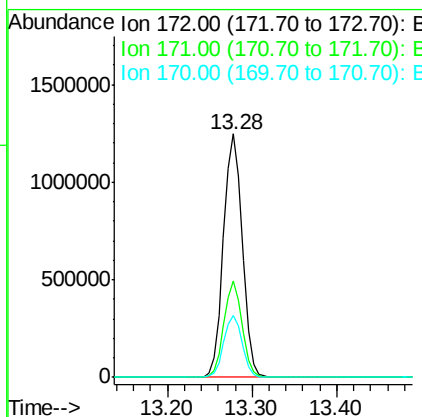
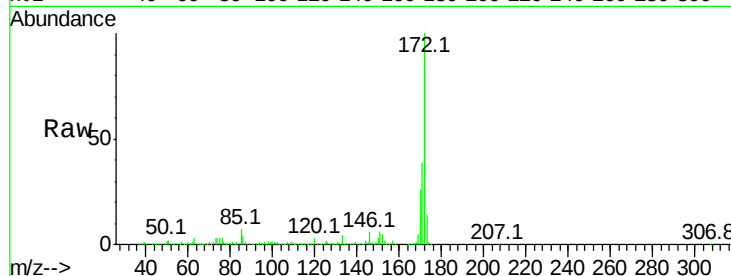




#44
2-Fluorobiphenyl
Concen: 87.48 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG026408.D
Acq: 23 Mar 2017 18:33

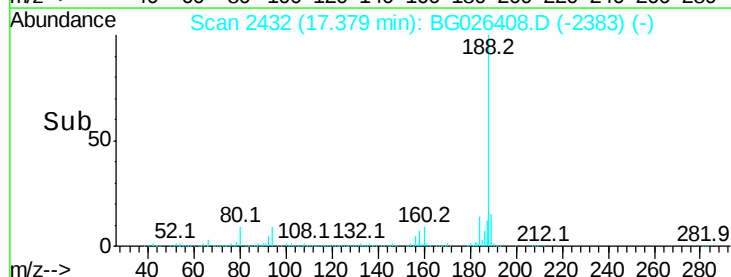
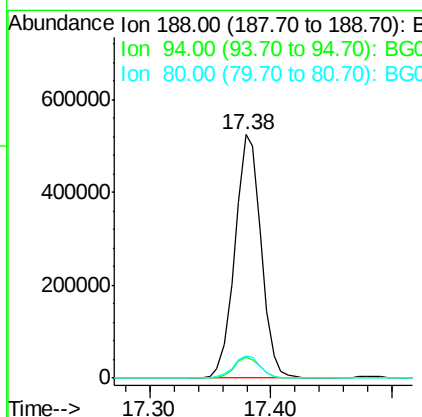
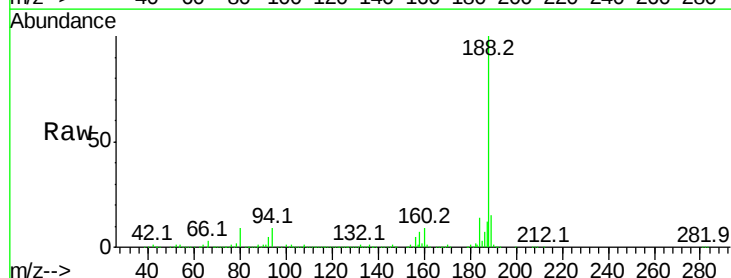
Instrument :
BNA_G
ClientSampleId :

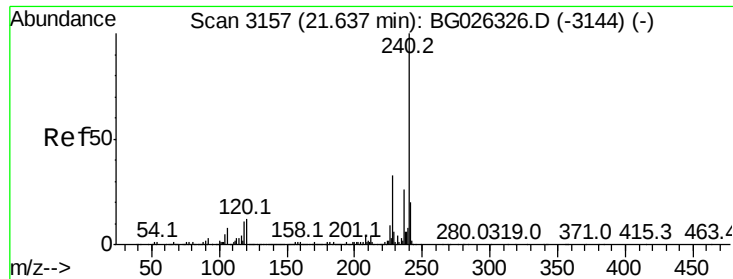
Tot Ion:172 Resp: 1926750
Ion Ratio Lower Upper
172 100
171 39.4 32.2 48.2
170 25.6 21.8 32.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG026408.D
Acq: 23 Mar 2017 18:33

Tgt Ion:188 Resp: 788825
Ion Ratio Lower Upper
188 100
94 8.5 5.8 8.8
80 9.3 7.5 11.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG026408.D

Acq: 23 Mar 2017 18:33

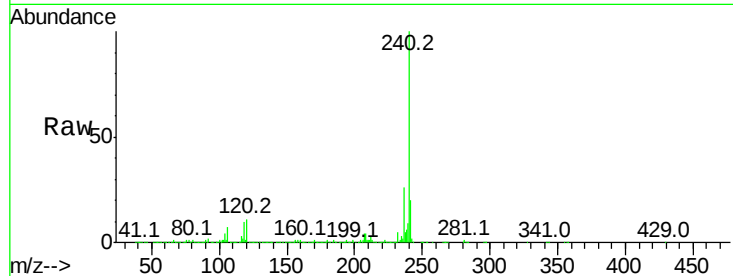
Instrument :

BNA_G

ClientSampleId :

Tot Ion:240 Resp: 1008980

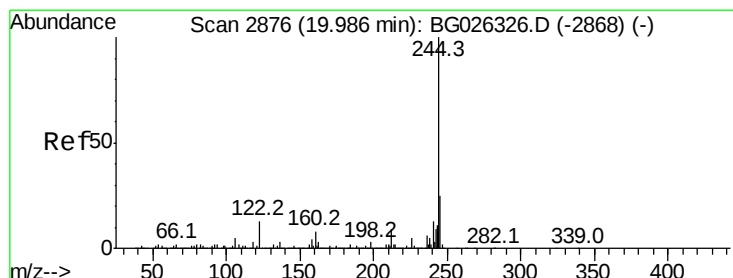
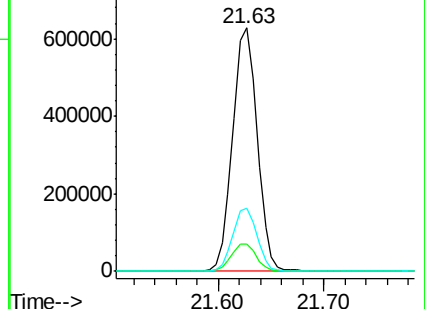
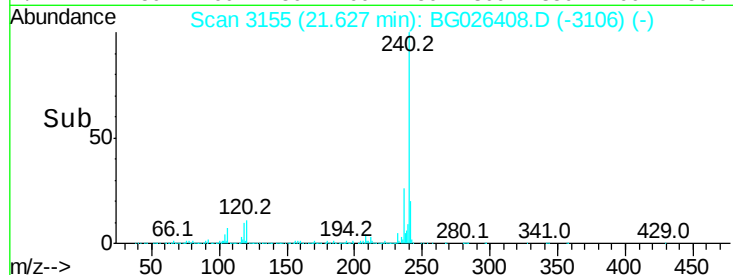
Ion	Ratio	Lower	Upper
240	100		
120	11.1	5.7	8.5#
236	25.8	22.2	33.4



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: 74.42 ng

RT: 19.98 min Scan# 2875

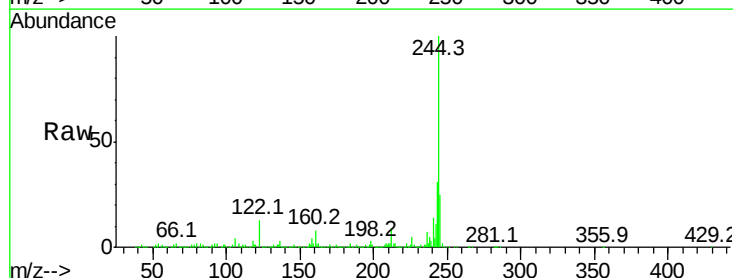
Delta R.T. -0.00 min

Lab File: BG026408.D

Acq: 23 Mar 2017 18:33

Tgt Ion:244 Resp: 3092050

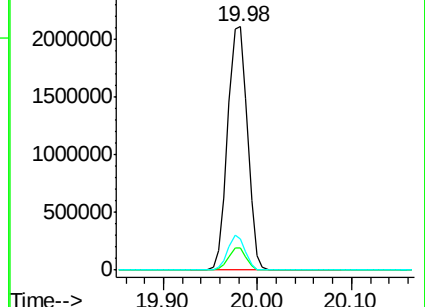
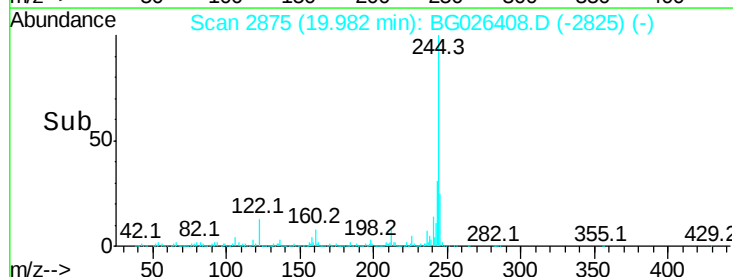
Ion	Ratio	Lower	Upper
244	100		
212	9.0	10.0	15.0#
122	12.9	8.6	12.8#

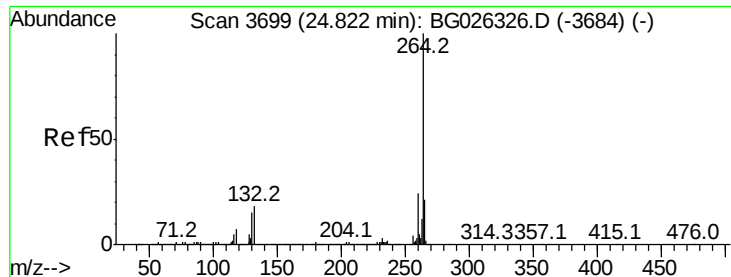


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 24.81 min Scan# 3696
 Delta R.T. -0.02 min
 Lab File: BG026408.D
 Acq: 23 Mar 2017 18:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 264 Resp: 971963
 Ion Ratio Lower Upper
 264 100
 260 24.2 21.8 32.8
 265 21.6 18.2 27.4

