

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032317\
 Data File : BG026401.D
 Acq On : 23 Mar 2017 13:59
 Operator : SJ/MA
 Sample : PB97769BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB97769BL

Quant Time: Mar 24 00:59:33 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	140288	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	546208	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	310053	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	759740	20.00	ng	0.00
75) Chrysene-d12	21.62	240	1016974	20.00	ng	-0.01
86) Perylene-d12	24.80	264	990190	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	867777	109.79	ng	0.00
7) Phenol-d6	7.20	99	1102679	103.92	ng	0.00
23) Nitrobenzene-d5	9.20	82	566218	62.33	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	443796	124.99	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	1614931	73.04	ng	0.00
78) Terphenyl-d14	19.98	244	2539460	60.64	ng	0.00

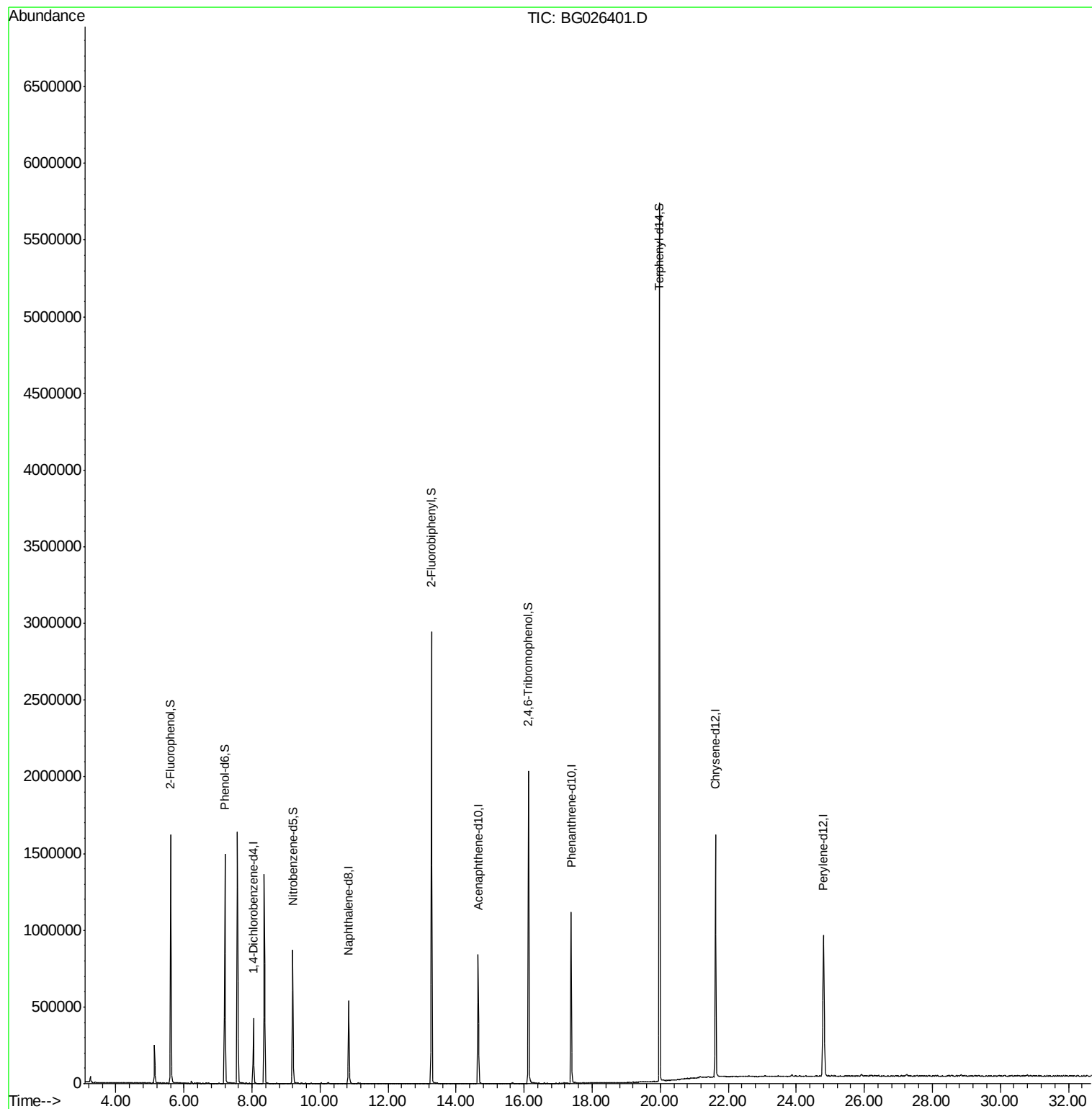
Target Compounds Qvalue

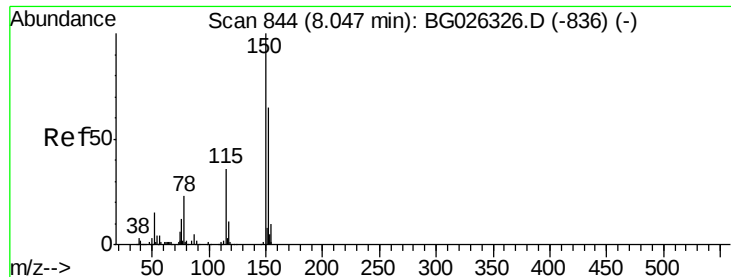
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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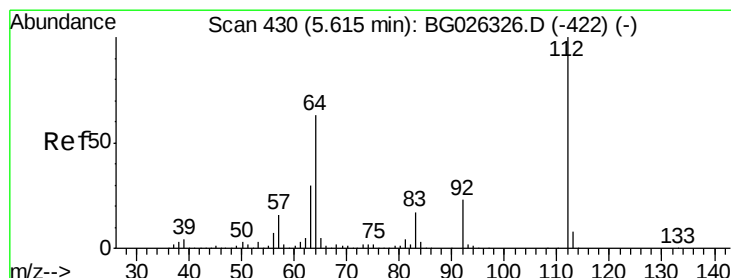
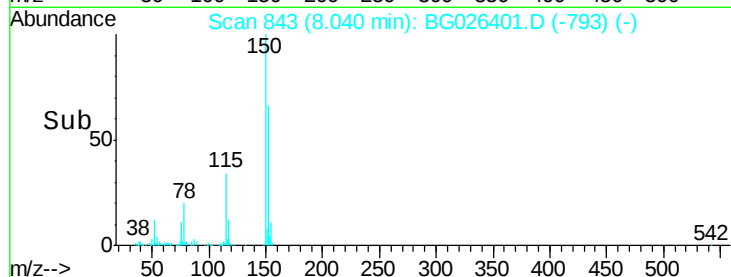
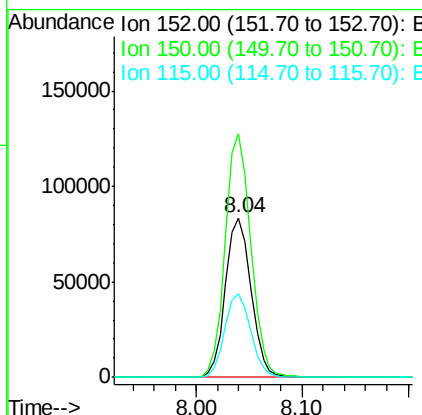
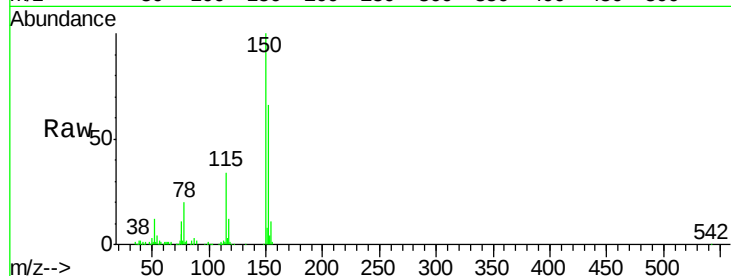


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG026401.D
Acq: 23 Mar 2017 13:59

Instrument :
BNA_G
ClientSampleId :
PB97769BL

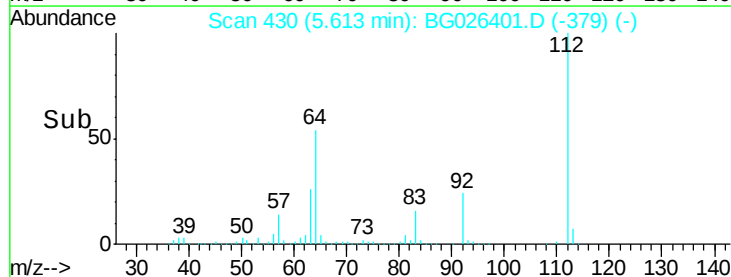
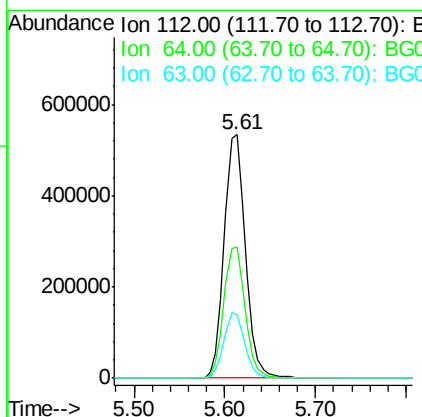
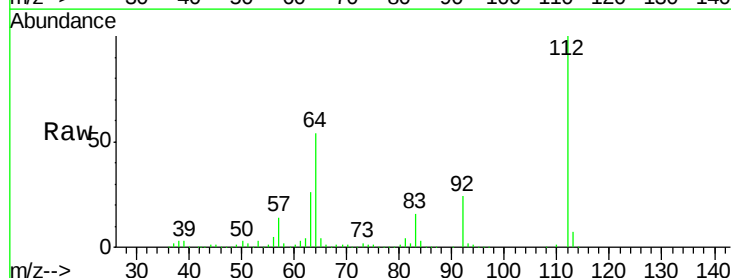
Tot Ion:152 Resp: 140288
Ion Ratio Lower Upper
152 100
150 152.7 114.0 171.0
115 52.1 48.1 72.1

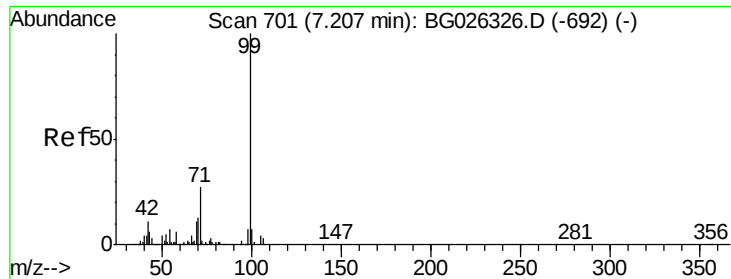


#5

2-Fluorophenol
Concen: 109.79 ng
RT: 5.61 min Scan# 430
Delta R.T. -0.00 min
Lab File: BG026401.D
Acq: 23 Mar 2017 13:59

Tgt Ion:112 Resp: 867777
Ion Ratio Lower Upper
112 100
64 53.9 61.8 92.6#
63 26.2 37.2 55.8#





#7

Phenol-d6

Concen: 103.92 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG026401.D

Acq: 23 Mar 2017 13:59

Instrument :

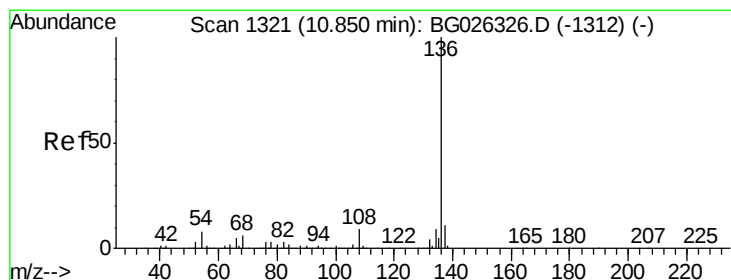
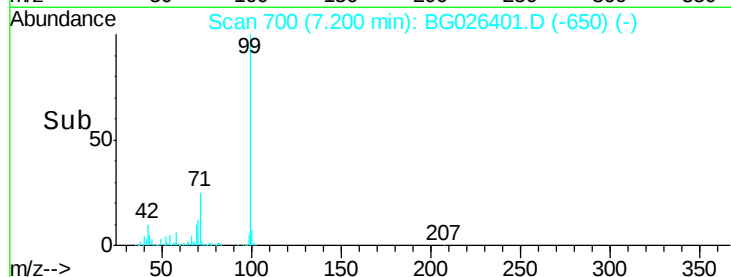
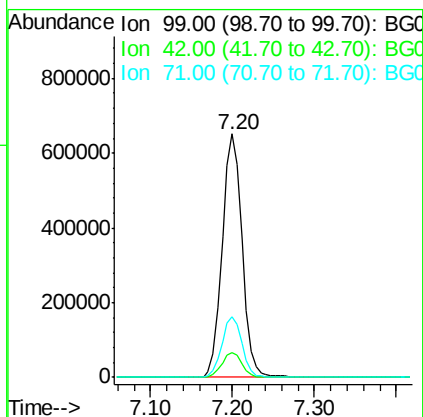
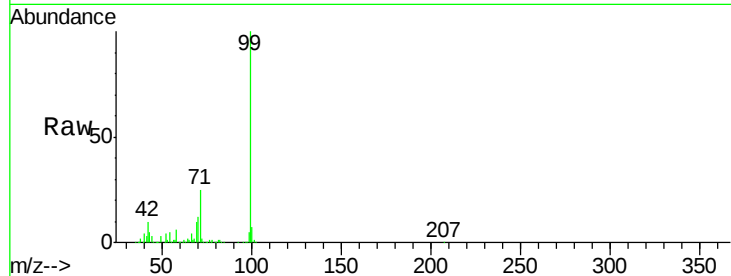
BNA_G

ClientSampleId :

PB97769BL

Tot Ion: 99 Resp: 1102679

Ion	Ratio	Lower	Upper
99	100		
42	10.1	20.5	30.7#
71	25.0	37.6	56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.84 min Scan# 1320

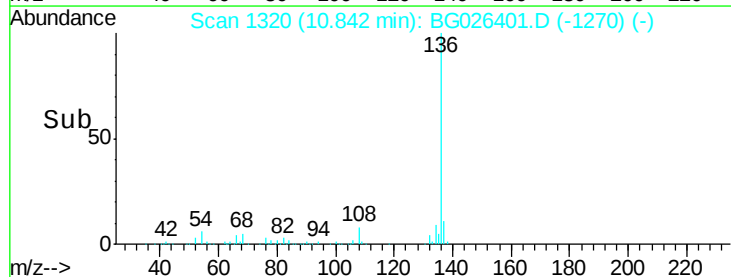
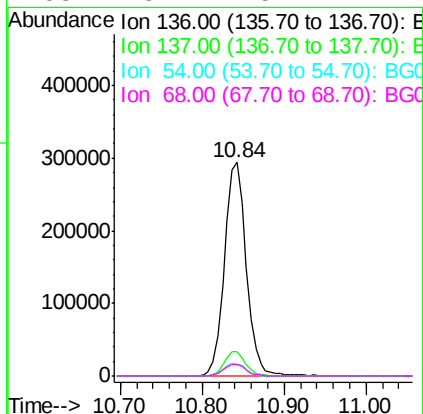
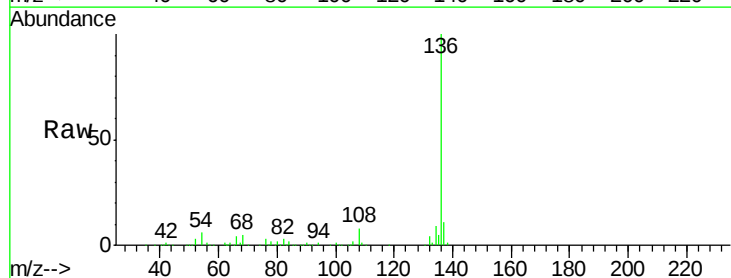
Delta R.T. -0.01 min

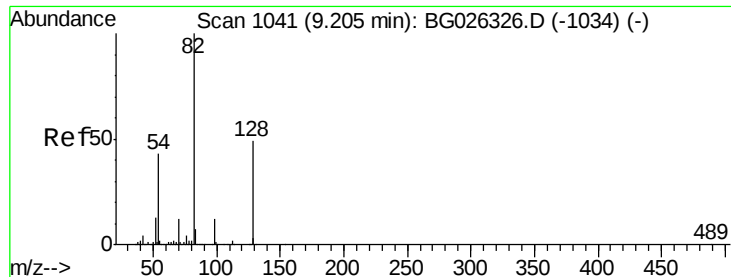
Lab File: BG026401.D

Acq: 23 Mar 2017 13:59

Tgt Ion: 136 Resp: 546208

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	5.6	9.3	13.9#
68	5.4	5.1	7.7

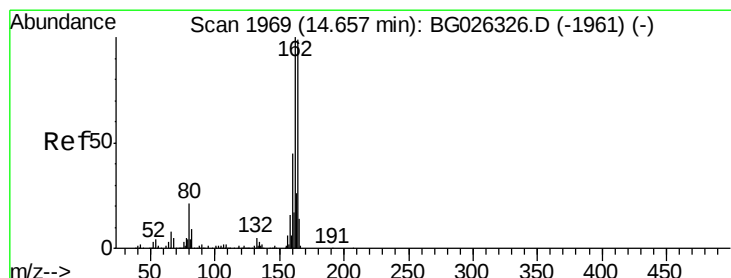
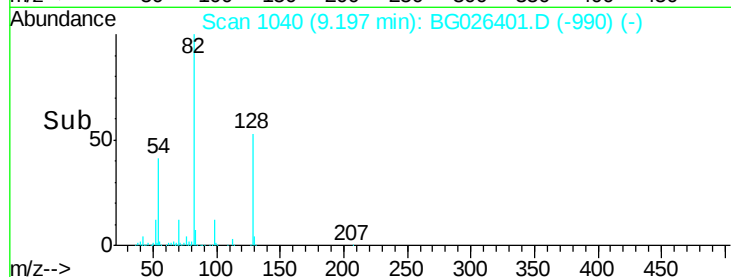
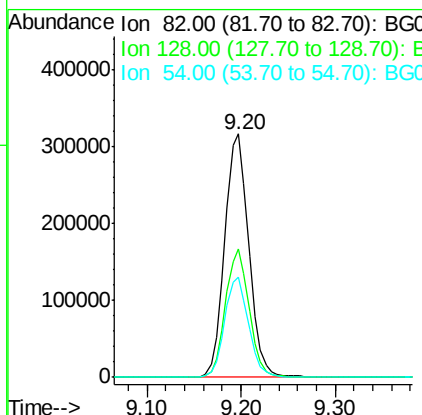
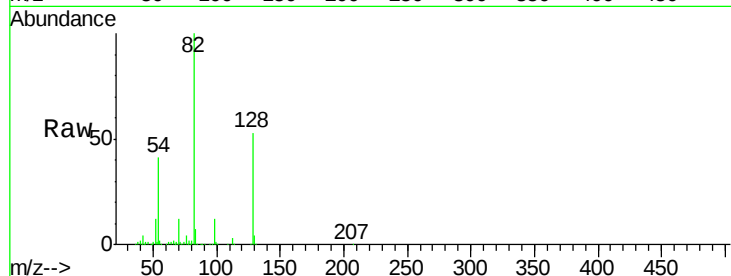




#23
 Nitrobenzene-d5
 Concen: 62.33 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG026401.D
 Acq: 23 Mar 2017 13:59

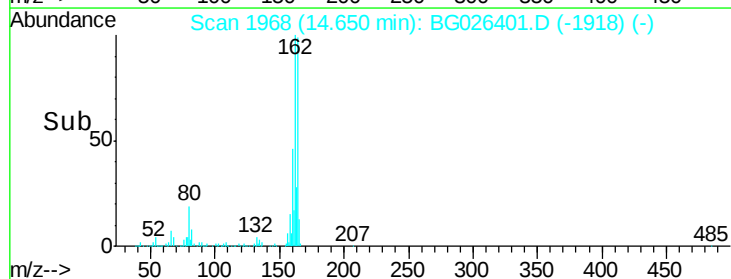
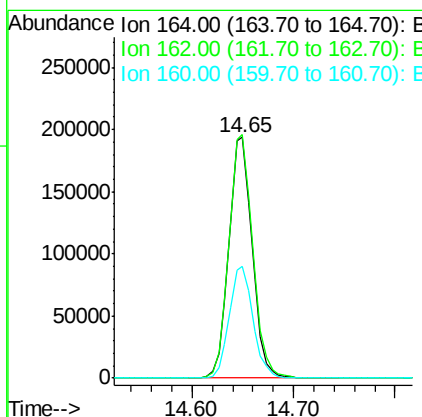
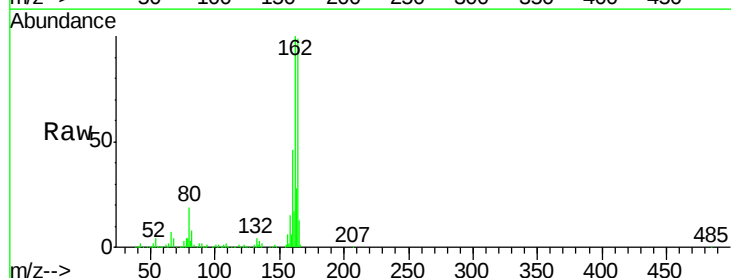
Instrument :
 BNA_G
 ClientSampleId :
 PB97769BL

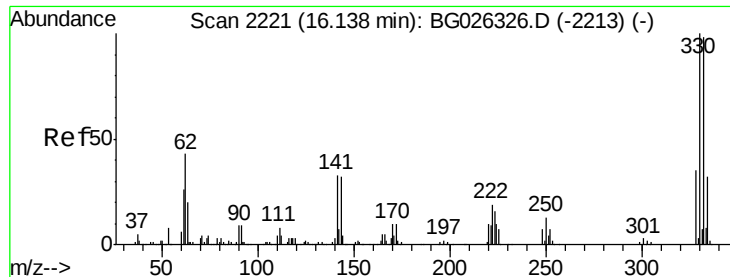
Tot Ion: 82 Resp: 566218
 Ion Ratio Lower Upper
 82 100
 128 53.0 26.4 39.6#
 54 41.4 49.4 74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: BG026401.D
 Acq: 23 Mar 2017 13:59

Tgt Ion: 164 Resp: 310053
 Ion Ratio Lower Upper
 164 100
 162 101.2 85.1 127.7
 160 46.4 34.7 52.1

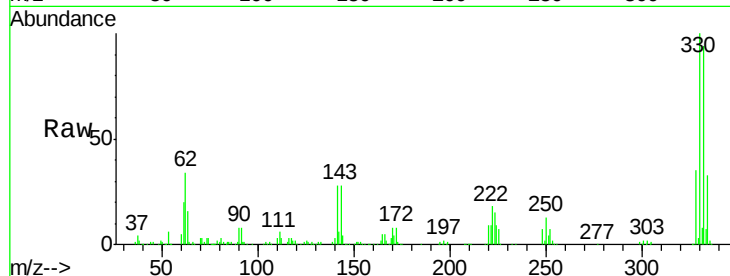




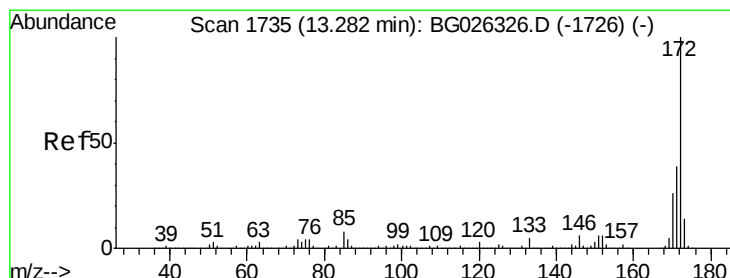
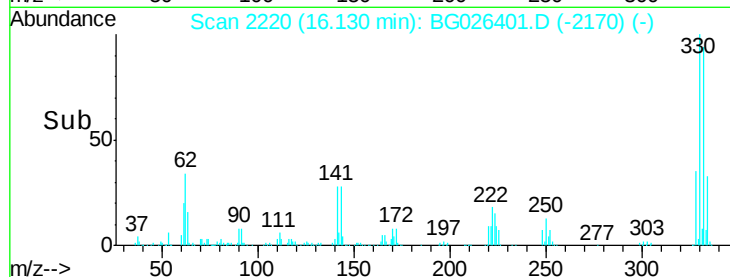
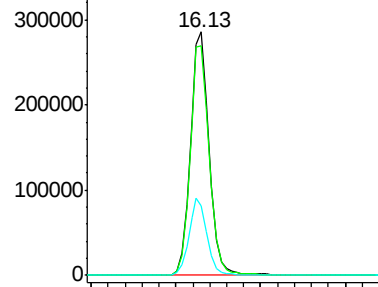
#41
 2,4,6-Tribromophenol
 Concen: 124.99 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BG026401.D
 Acq: 23 Mar 2017 13:59

Instrument :
 BNA_G
 ClientSampleId :
 PB97769BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	30.6	32.1	48.1#

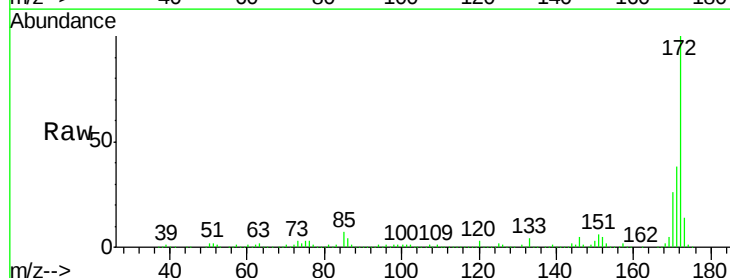


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

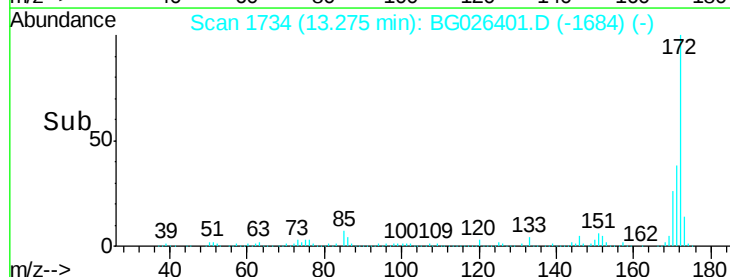
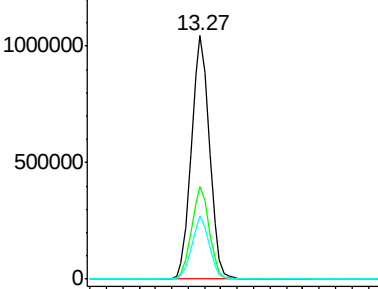


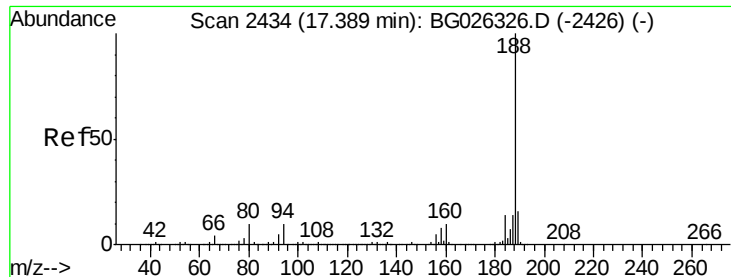
#44
 2-Fluorobiphenyl
 Concen: 73.04 ng
 RT: 13.27 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG026401.D
 Acq: 23 Mar 2017 13:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	32.2	48.2
170	25.8	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

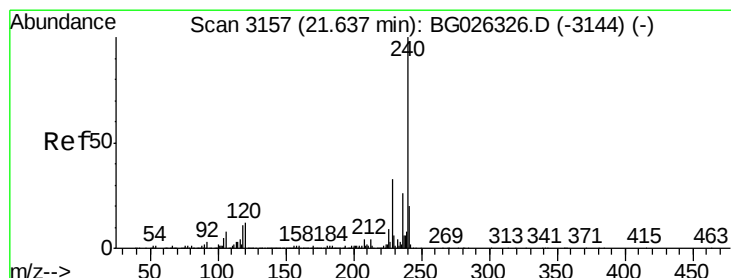
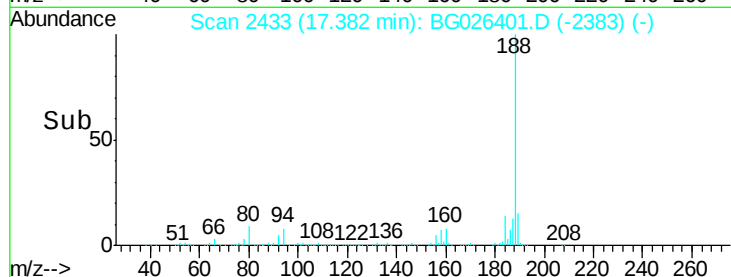
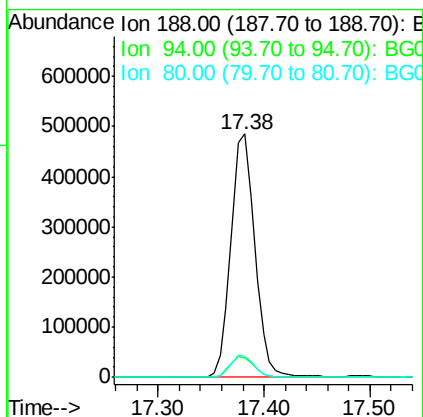
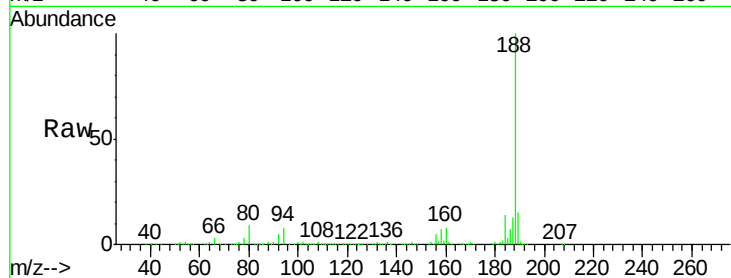




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG026401.D
Acq: 23 Mar 2017 13:59

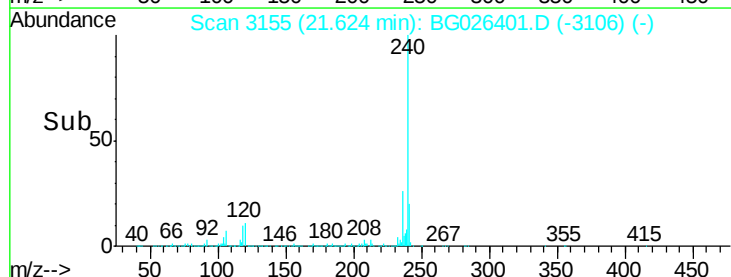
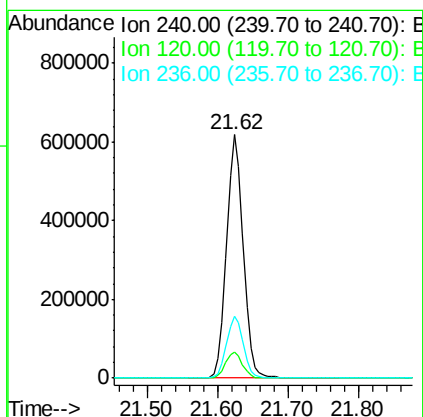
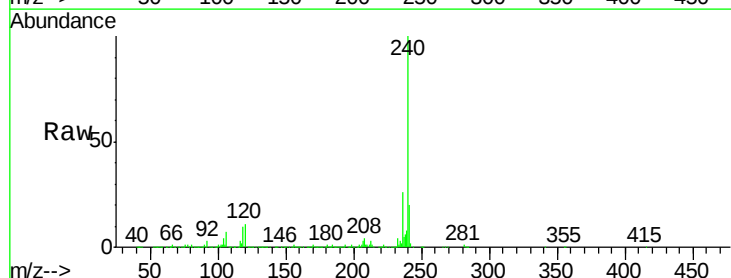
Instrument :
BNA_G
ClientSampleId :
PB97769BL

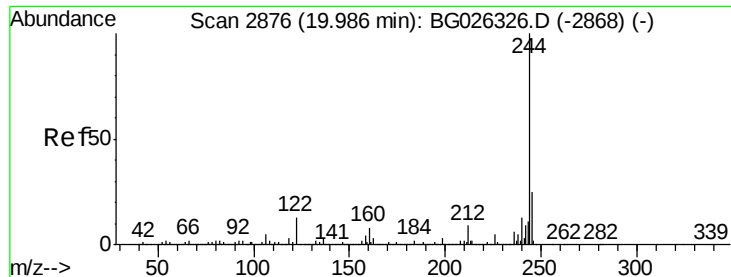
Tot Ion:188 Resp: 759740
Ion Ratio Lower Upper
188 100
94 8.2 5.8 8.8
80 8.8 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.62 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG026401.D
Acq: 23 Mar 2017 13:59

Tgt Ion:240 Resp: 1016974
Ion Ratio Lower Upper
240 100
120 10.7 5.7 8.5#
236 25.7 22.2 33.4





#78

Terphenyl-d14

Concen: 60.64 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BG026401.D

Acq: 23 Mar 2017 13:59

Instrument :

BNA_G

ClientSampleId :

PB97769BL

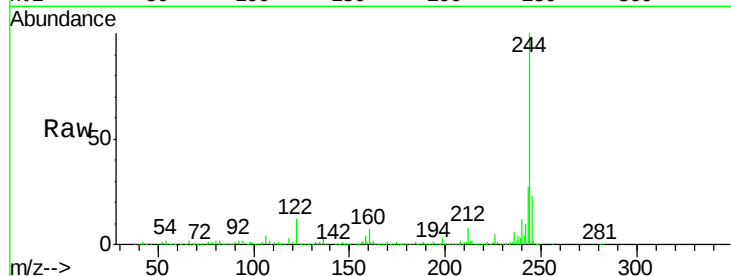
Tot Ion:244 Resp: 2539460

Ion Ratio Lower Upper

244 100

212 8.3 10.0 15.0#

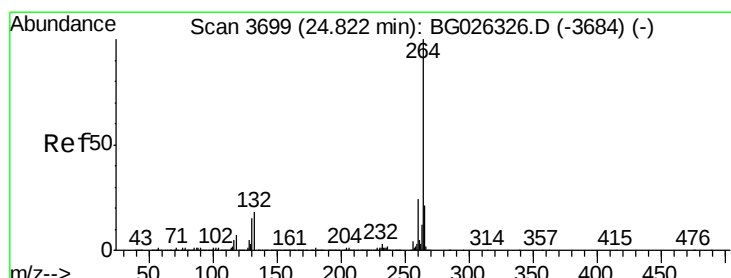
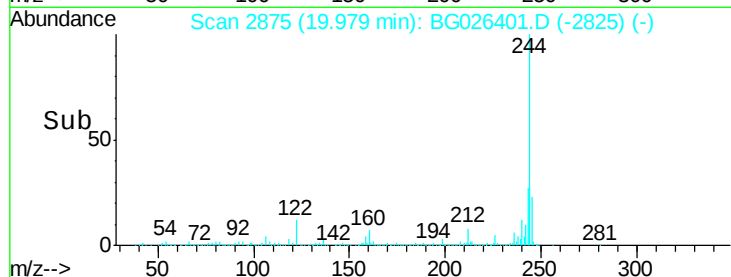
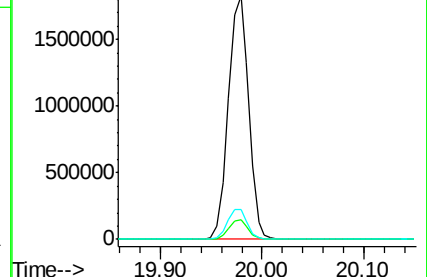
122 12.3 8.6 12.8



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: BG026401.D

Acq: 23 Mar 2017 13:59

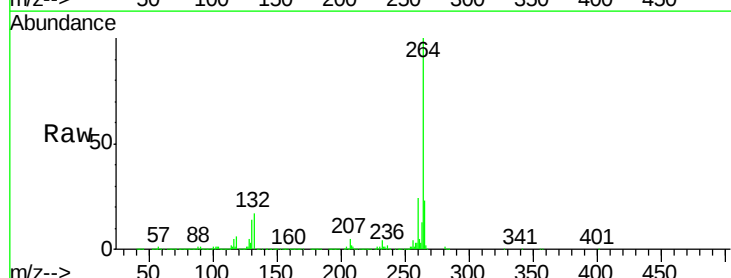
Tgt Ion:264 Resp: 990190

Ion Ratio Lower Upper

264 100

260 24.1 21.8 32.8

265 22.6 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

