

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032317\
 Data File : BG026403.D
 Acq On : 23 Mar 2017 15:17
 Operator : SJ/MA
 Sample : I2367-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 24 01:00:19 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

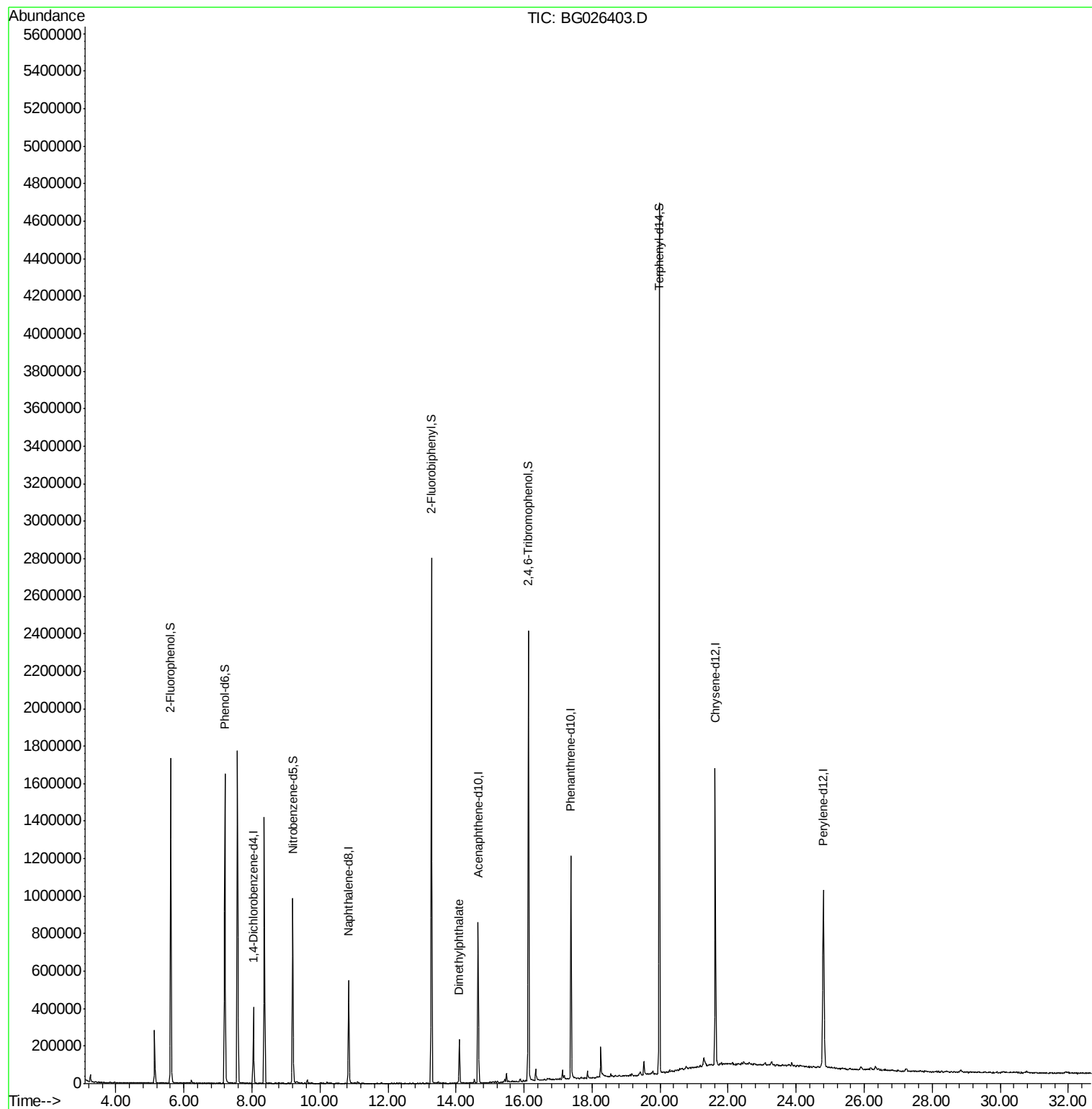
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	133711	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	544922	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	318929	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	773894	20.00	ng	-0.01
75) Chrysene-d12	21.62	240	1006209	20.00	ng	-0.02
86) Perylene-d12	24.80	264	980332	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	940858	124.89	ng	0.00
7) Phenol-d6	7.20	99	1221054	120.73	ng	0.00
23) Nitrobenzene-d5	9.20	82	634567	70.02	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	501881	137.42	ng	-0.01
44) 2-Fluorobiphenyl	13.28	172	1588876	69.86	ng	0.00
78) Terphenyl-d14	19.98	244	2070273	49.97	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.09	163	181242	7.53	ng	Qvalue 98

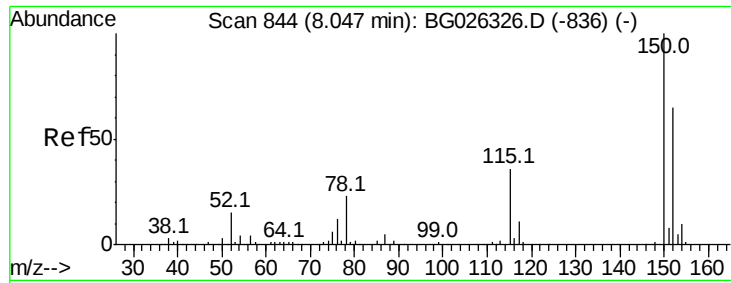
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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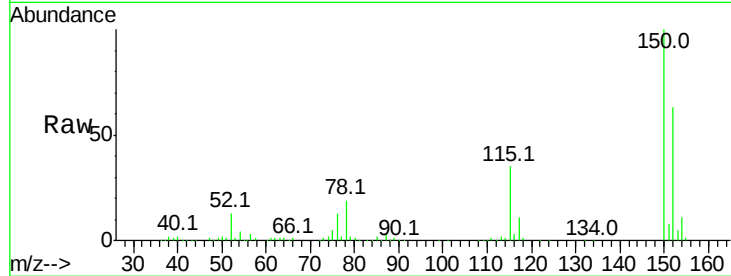


#1

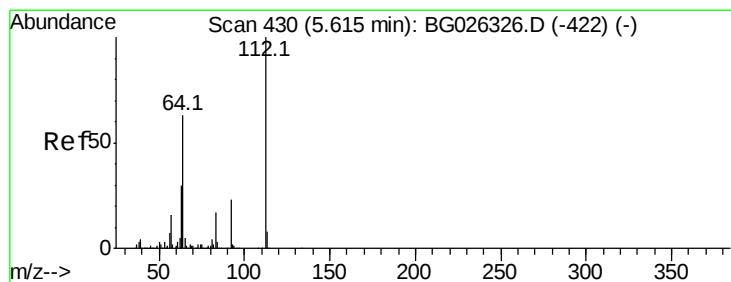
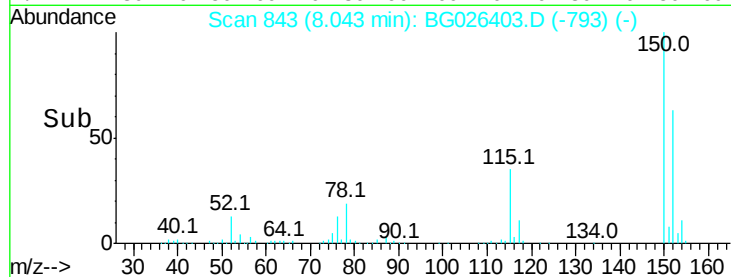
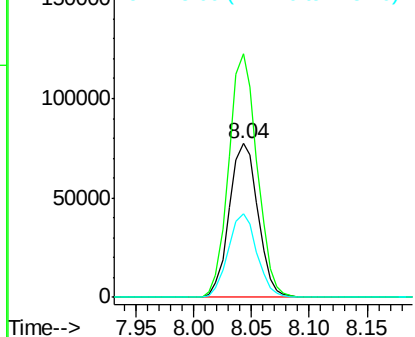
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG026403.D
Acq: 23 Mar 2017 15:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 133711
Ion Ratio Lower Upper
152 100
150 158.5 114.0 171.0
115 54.8 48.1 72.1



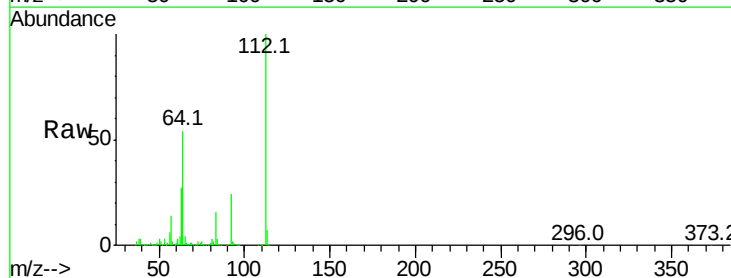
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



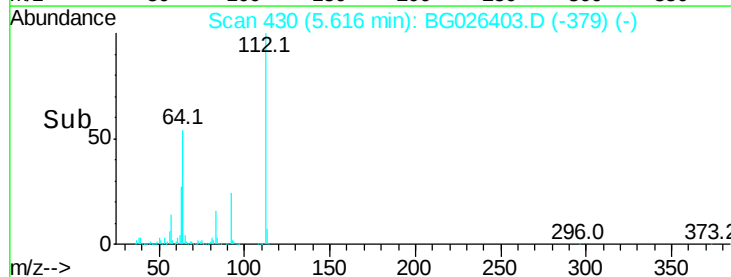
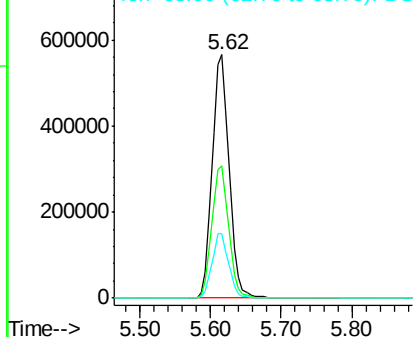
#5

2-Fluorophenol
Concen: 124.89 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG026403.D
Acq: 23 Mar 2017 15:17

Tgt Ion:112 Resp: 940858
Ion Ratio Lower Upper
112 100
64 54.4 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: 120.73 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG026403.D

Acq: 23 Mar 2017 15:17

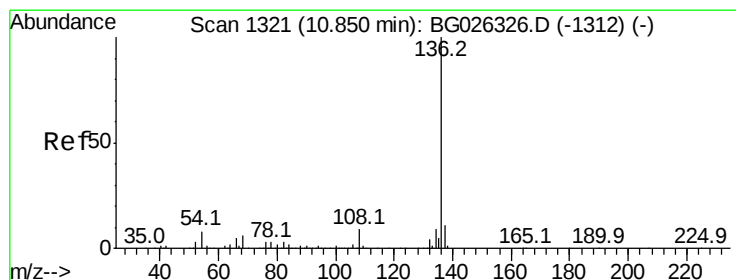
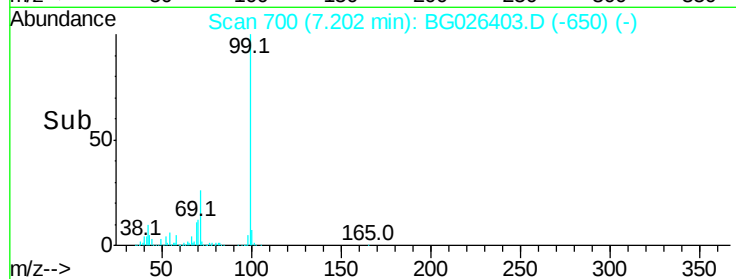
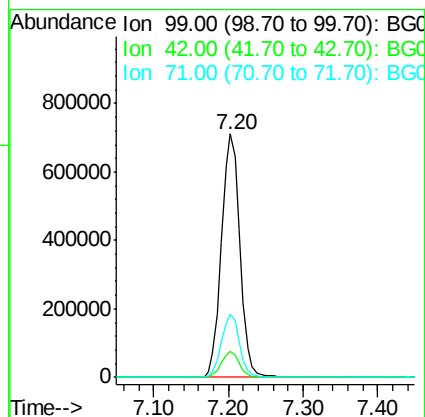
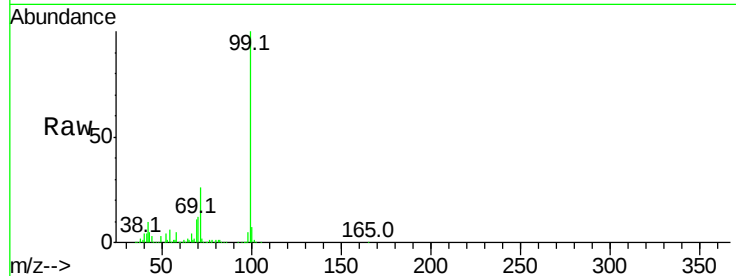
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1221054

Ion	Ratio	Lower	Upper
99	100		
42	10.4	20.5	30.7#
71	26.0	37.6	56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.85 min Scan# 1320

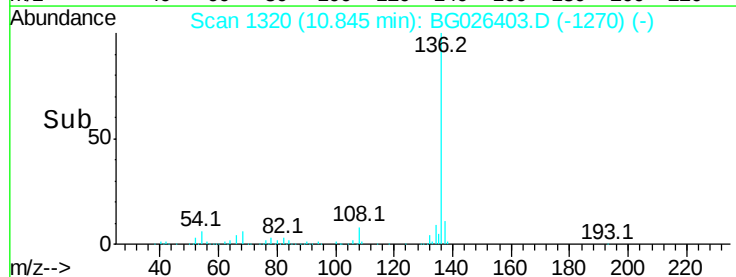
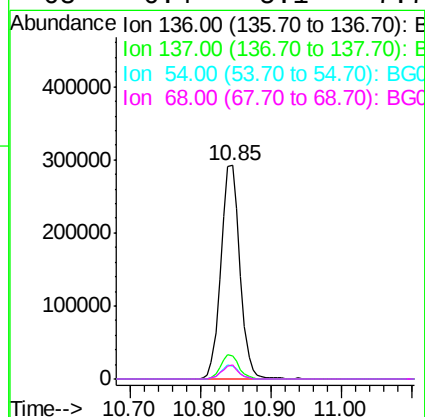
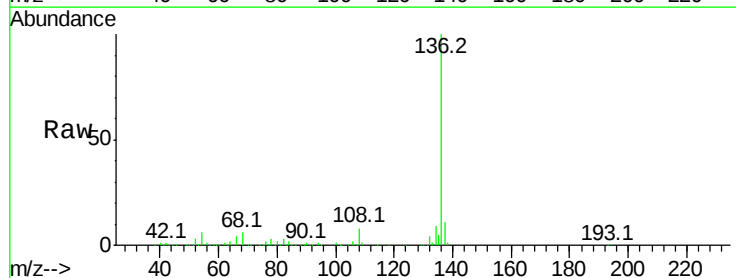
Delta R.T. -0.00 min

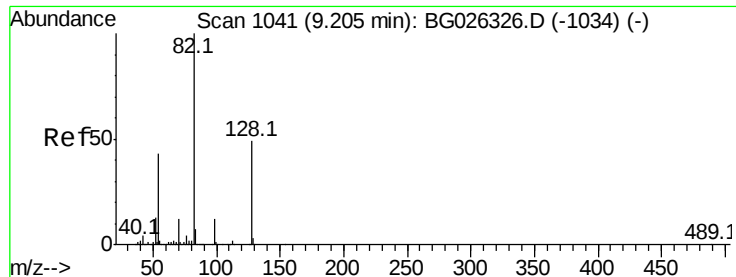
Lab File: BG026403.D

Acq: 23 Mar 2017 15:17

Tgt Ion: 136 Resp: 544922

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	5.8	9.3	13.9#
68	6.4	5.1	7.7

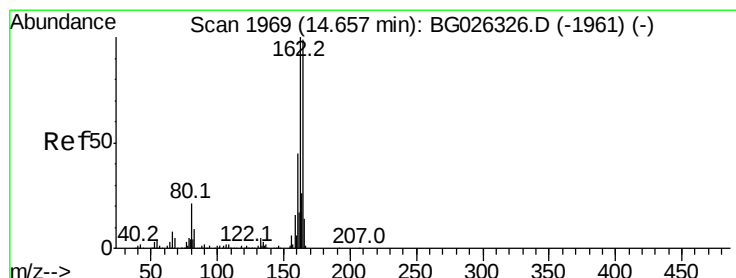
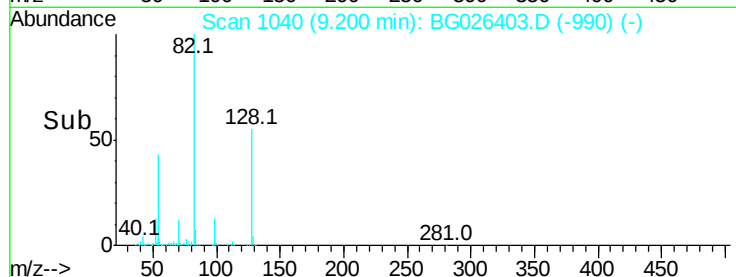
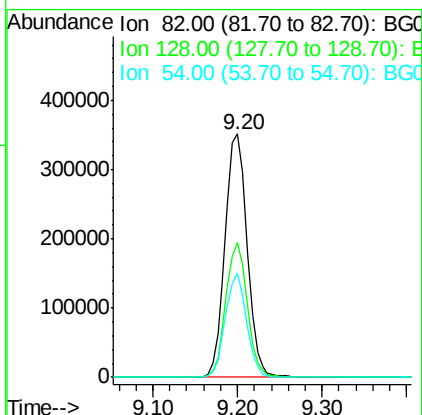
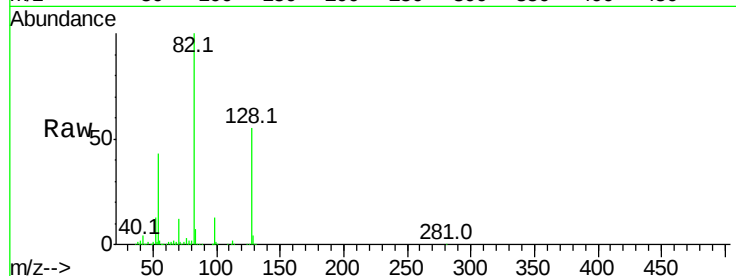




#23
Nitrobenzene-d5
Concen: 70.02 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BG026403.D
Acq: 23 Mar 2017 15:17

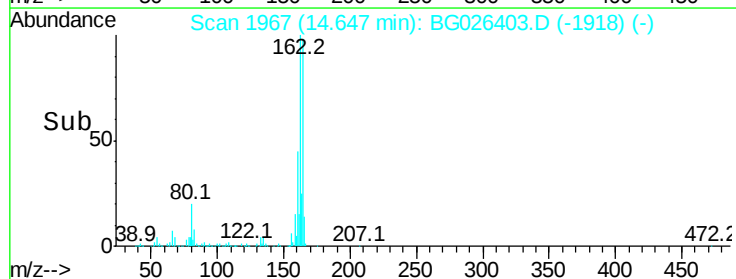
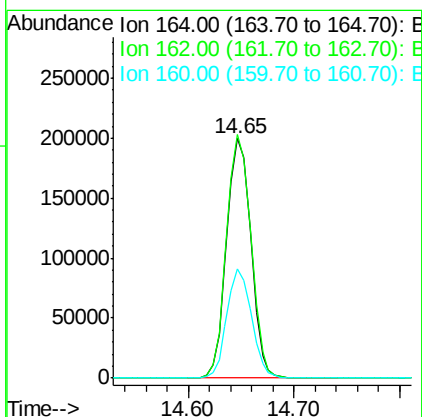
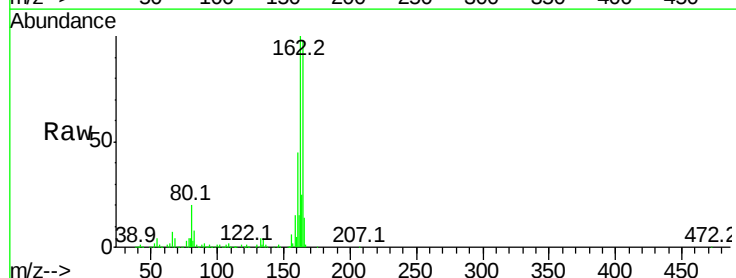
Instrument :
BNA_G
ClientSampleId :

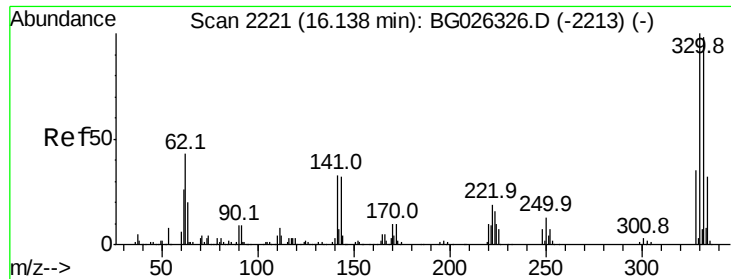
Tot Ion	82	Resp	634567
Ion Ratio	Lower	Upper	
82	100		
128	55.3	26.4	39.6#
54	42.6	49.4	74.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG026403.D
Acq: 23 Mar 2017 15:17

Tgt Ion	164	Resp	318929
Ion Ratio	Lower	Upper	
164	100		
162	101.7	85.1	127.7
160	45.4	34.7	52.1

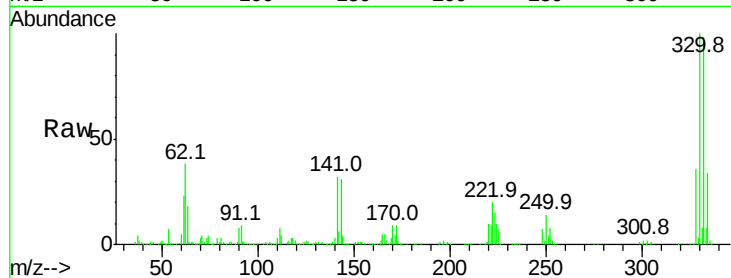




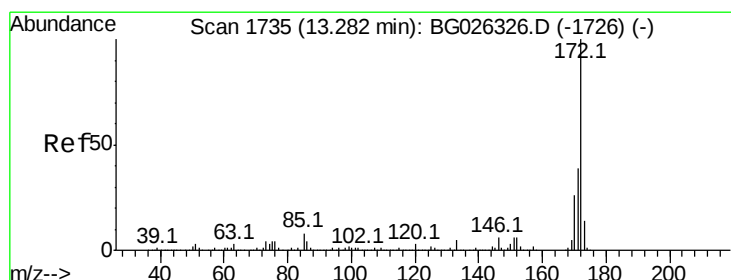
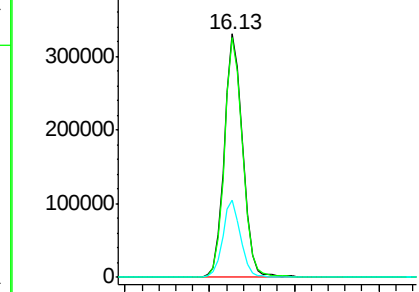
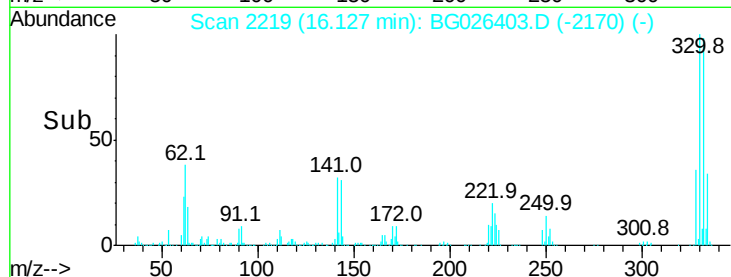
#41
 2,4,6-Tribromophenol
 Concen: 137.42 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG026403.D
 Acq: 23 Mar 2017 15:17

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.3	115.9
141	31.0	32.1	48.1#

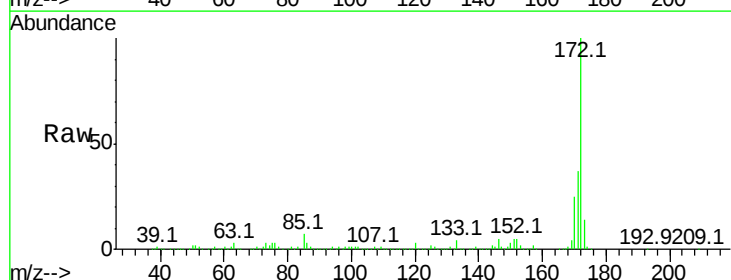


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

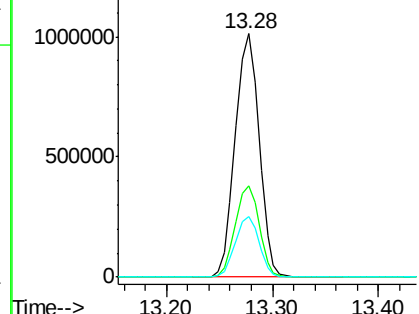
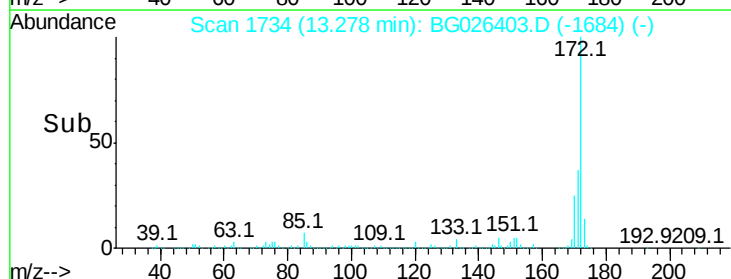


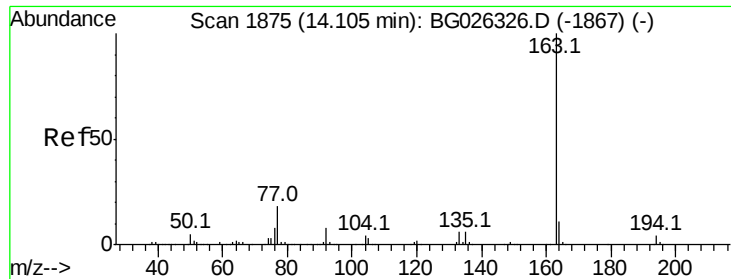
#44
 2-Fluorobiphenyl
 Concen: 69.86 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG026403.D
 Acq: 23 Mar 2017 15:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	32.2	48.2
170	25.1	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





#49

Dimethylphthalate

Concen: 7.53 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.01 min

Lab File: BG026403.D

Acq: 23 Mar 2017 15:17

Instrument :

BNA_G

ClientSampleId :

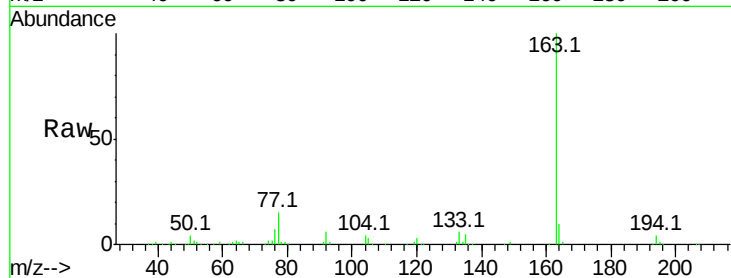
Tot Ion:163 Resp: 181242

Ion Ratio Lower Upper

163 100

194 4.4 3.8 5.6

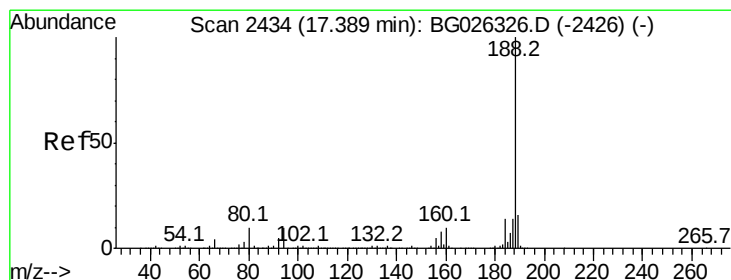
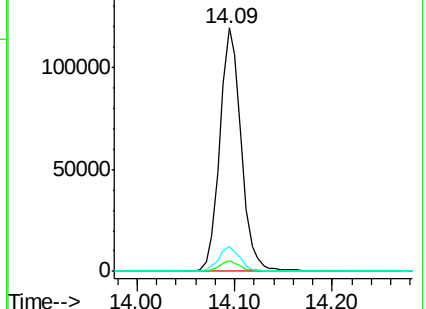
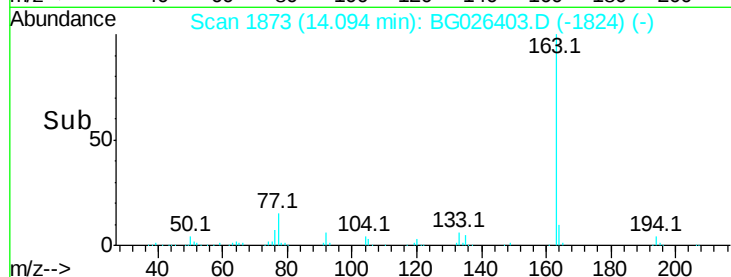
164 10.4 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.38 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BG026403.D

Acq: 23 Mar 2017 15:17

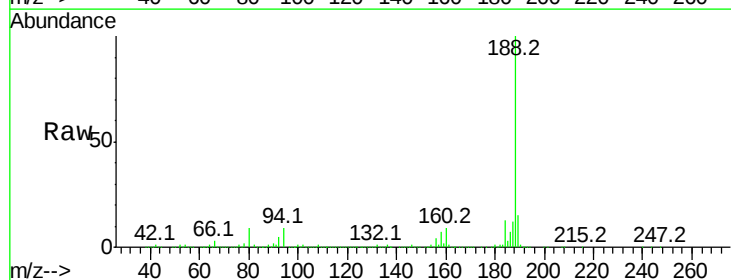
Tgt Ion:188 Resp: 773894

Ion Ratio Lower Upper

188 100

94 8.8 5.8 8.8#

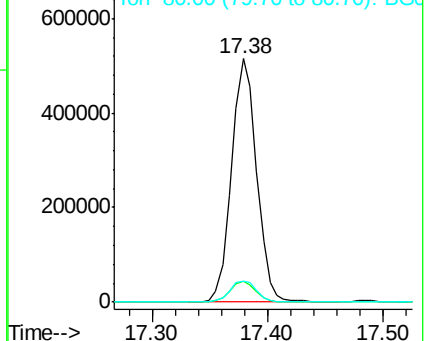
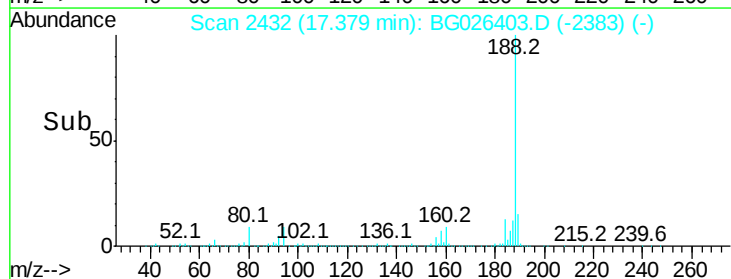
80 8.8 7.5 11.3

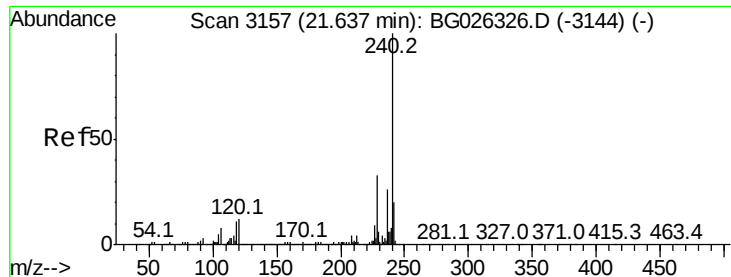


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.02 min

Lab File: BG026403.D

Acq: 23 Mar 2017 15:17

Instrument :

BNA_G

ClientSampleId :

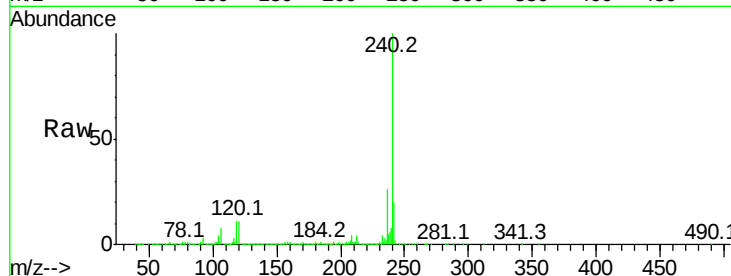
Tot Ion:240 Resp: 1006209

Ion Ratio Lower Upper

240 100

120 11.0 5.7 8.5#

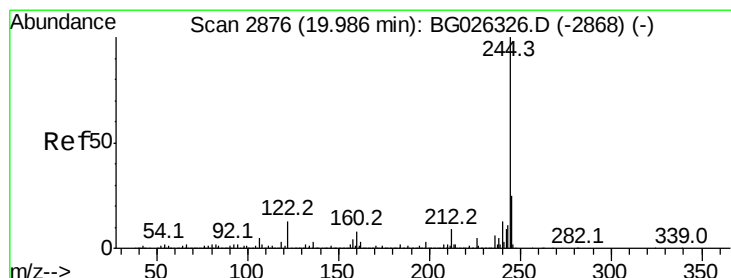
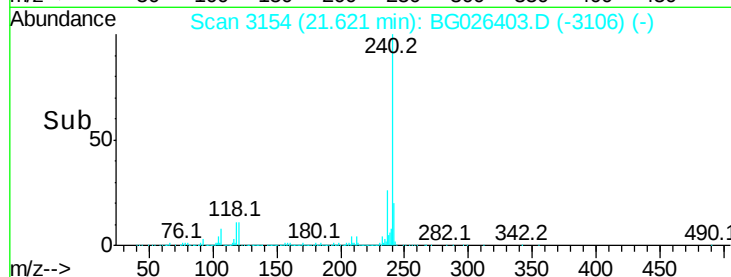
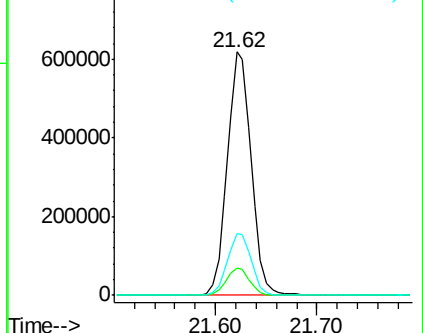
236 25.6 22.2 33.4



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: 49.97 ng

RT: 19.98 min Scan# 2874

Delta R.T. -0.01 min

Lab File: BG026403.D

Acq: 23 Mar 2017 15:17

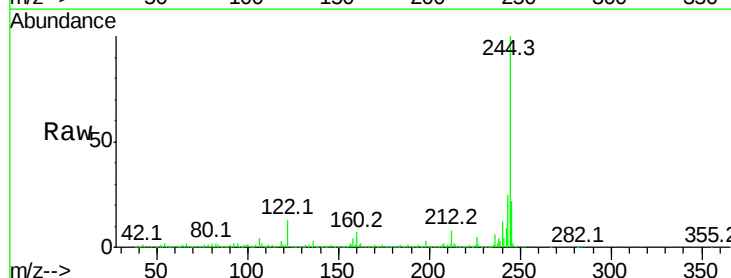
Tgt Ion:244 Resp: 2070273

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

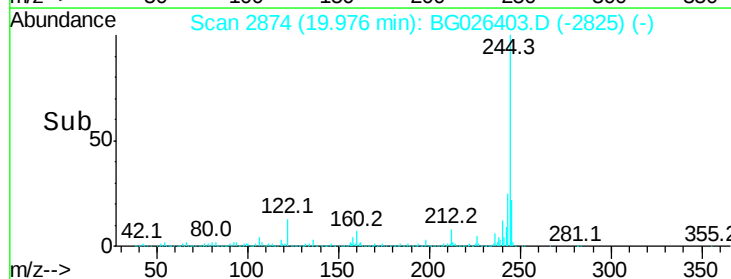
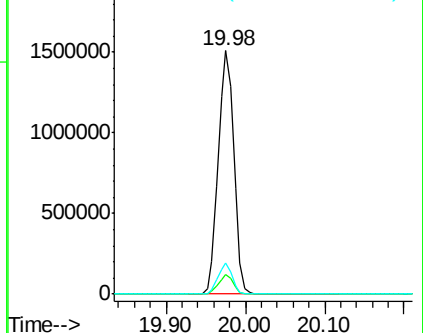
122 12.6 8.6 12.8

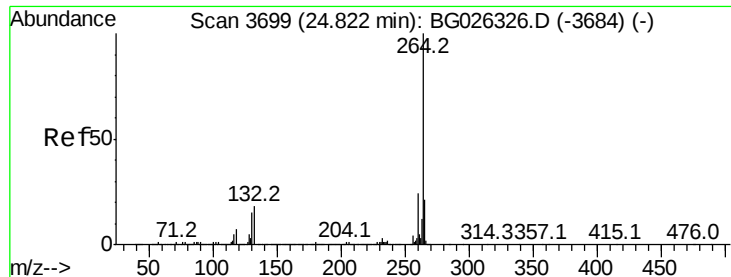


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.80 min Scan# 3695
Delta R.T. -0.02 min
Lab File: BG026403.D
Acq: 23 Mar 2017 15:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	21.8	32.8
265	22.5	18.2	27.4

