

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040517\
 Data File : BG026561.D
 Acq On : 5 Apr 2017 16:52
 Operator : SJ/MA
 Sample : I2537-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B1-(0-5)

Quant Time: Apr 06 01:00:59 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

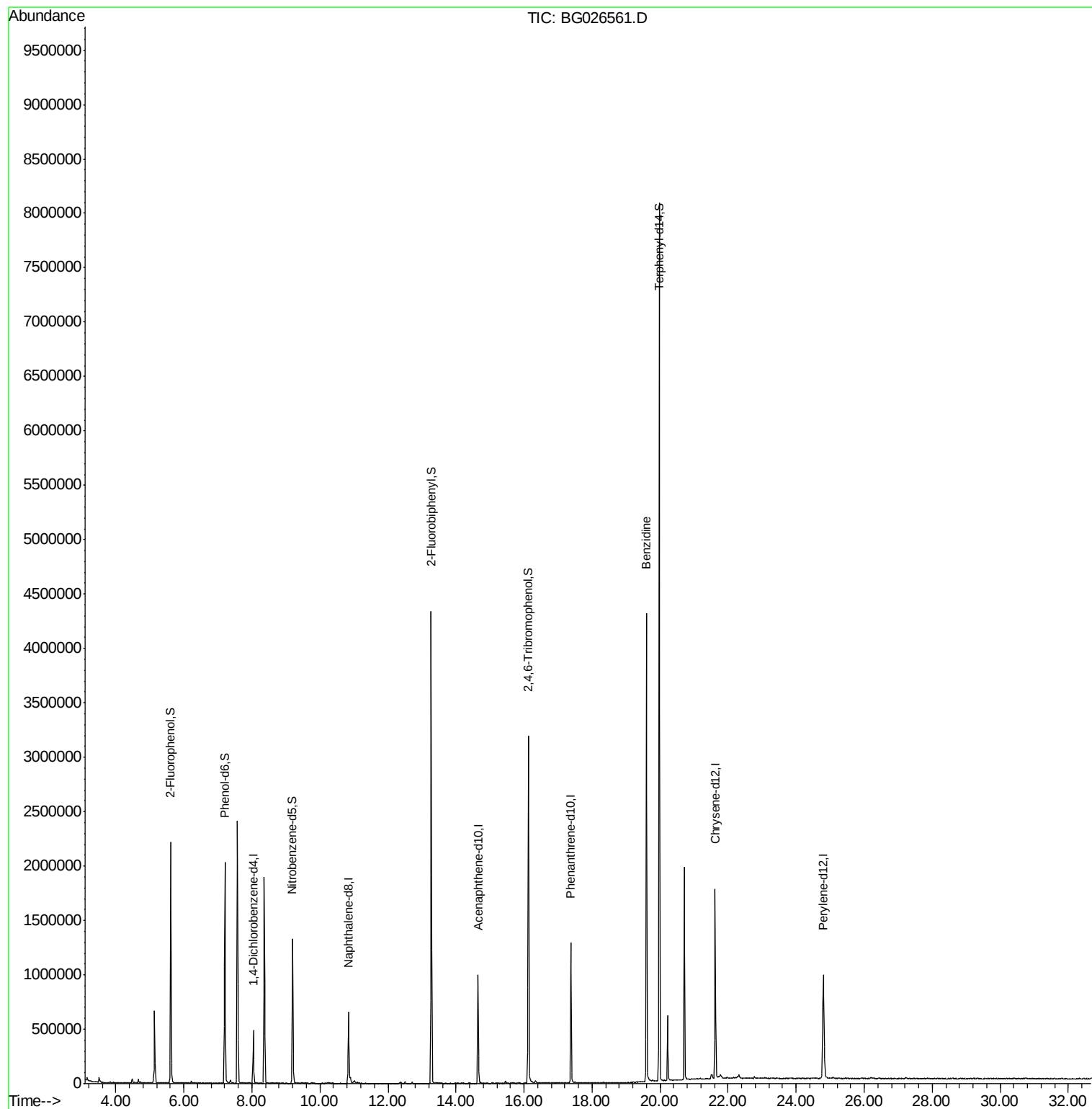
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	160913	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	633619	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	357674	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	909193	20.00	ng	0.00
75) Chrysene-d12	21.62	240	1104110	20.00	ng	-0.02
86) Perylene-d12	24.80	264	1062278	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1174696	129.57	ng	0.00
7) Phenol-d6	7.20	99	1472916	121.02	ng	0.00
23) Nitrobenzene-d5	9.19	82	884561	83.94	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	716338	174.89	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	2389661	93.69	ng	0.00
78) Terphenyl-d14	19.98	244	3507908	77.16	ng	0.00
Target Compounds						
76) Benzidine	19.59	184	2624747	68.95	ng	Qvalue 99

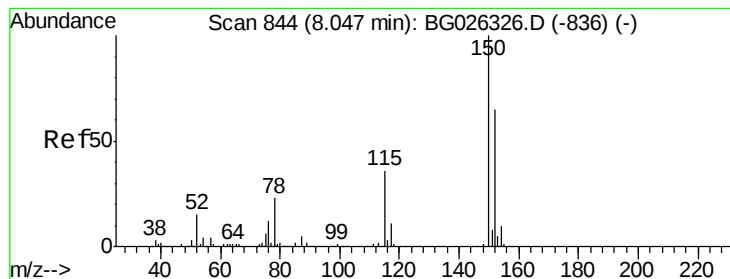
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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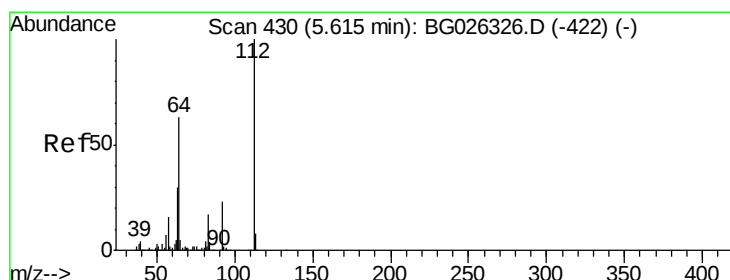
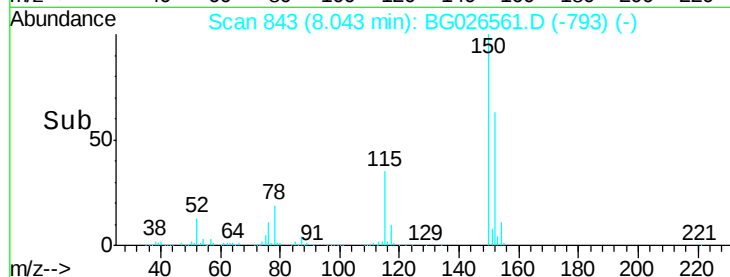
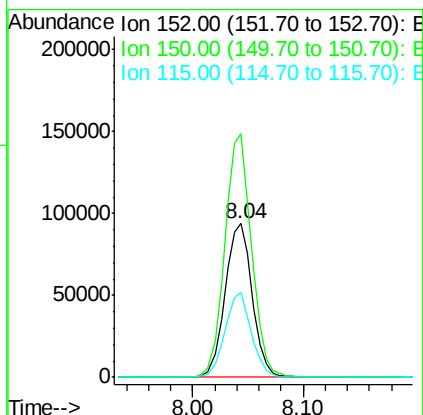
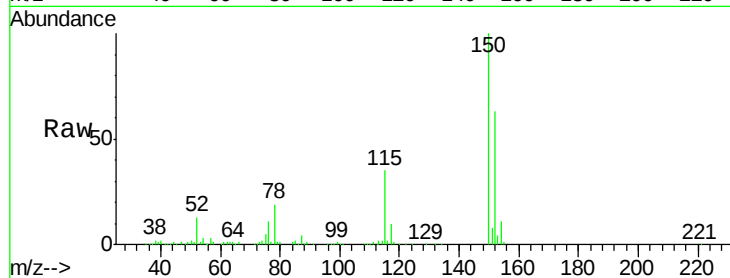


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG026561.D
Acq: 5 Apr 2017 16:52

Instrument :
BNA_G
ClientSampleId :
B1-(0-5)

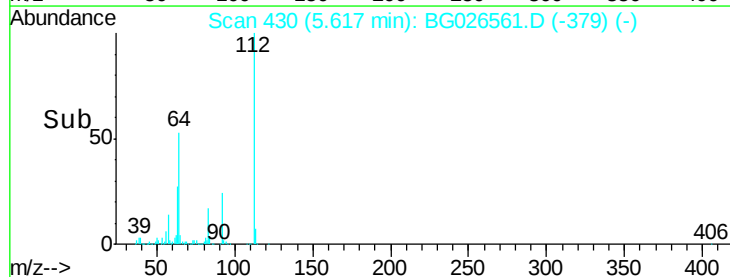
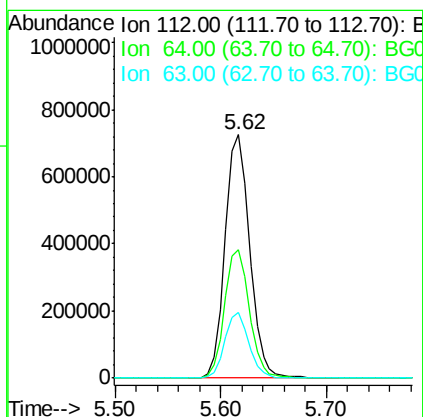
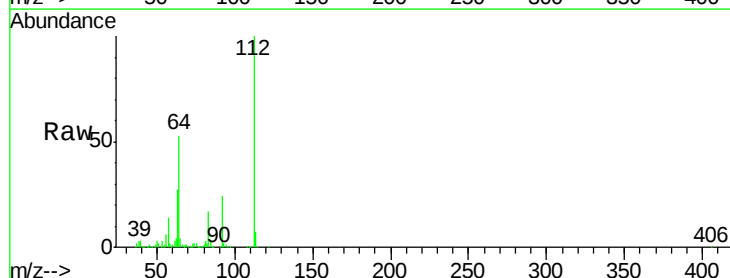
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	114.0	171.0
115	54.9	48.1	72.1

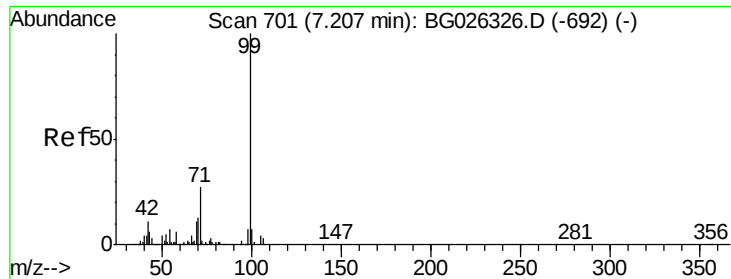


#5

2-Fluorophenol
Concen: 129.57 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG026561.D
Acq: 5 Apr 2017 16:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.8	61.8	92.6#
63	26.9	37.2	55.8#





#7

Phenol-d6

Concen: 121.02 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG026561.D

Acq: 5 Apr 2017 16:52

Instrument :

BNA_G

ClientSampled :

B1-(0-5)

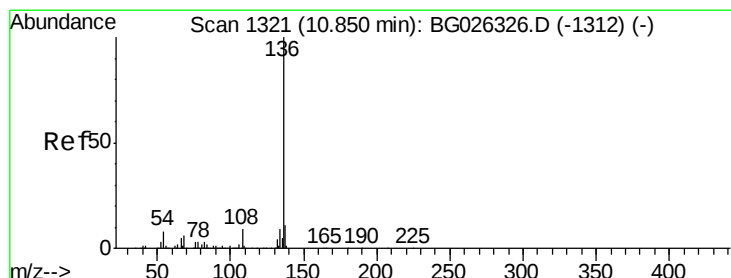
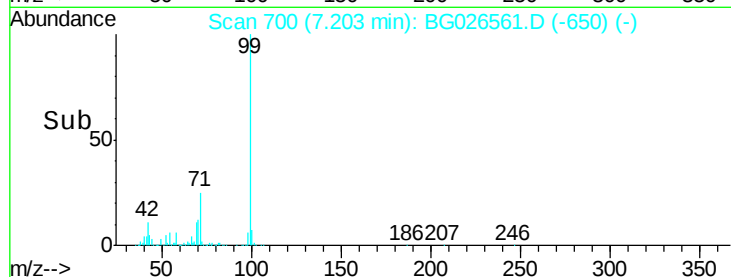
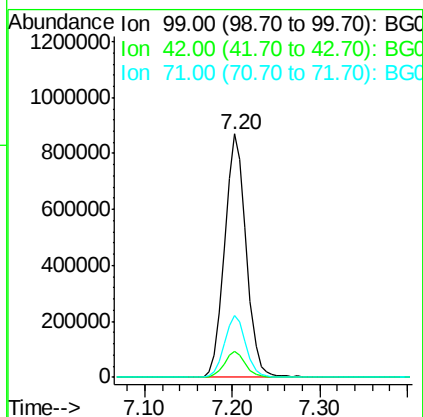
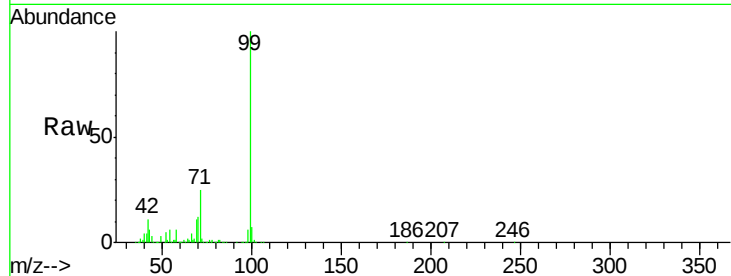
Tot Ion: 99 Resp: 1472916

Ion Ratio Lower Upper

99 100

42 10.6 20.5 30.7#

71 25.5 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: BG026561.D

Acq: 5 Apr 2017 16:52

Tgt Ion: 136 Resp: 633619

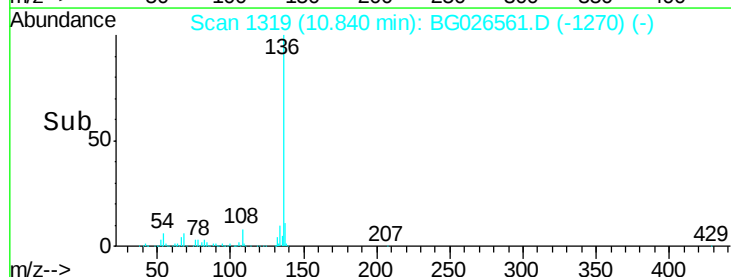
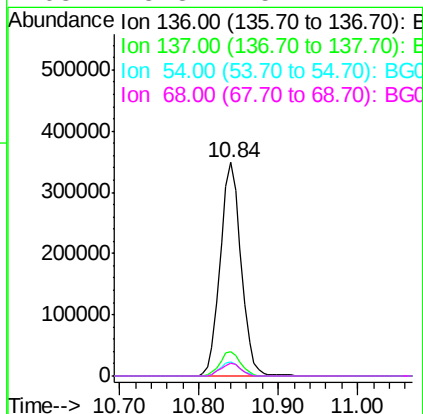
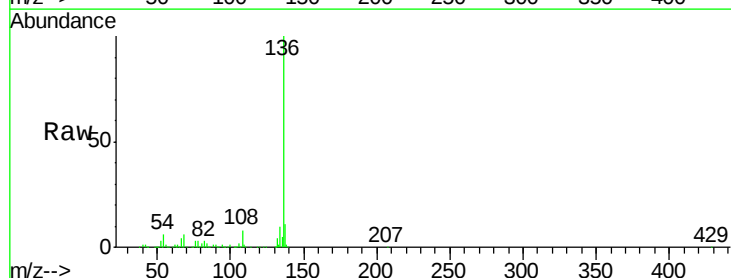
Ion Ratio Lower Upper

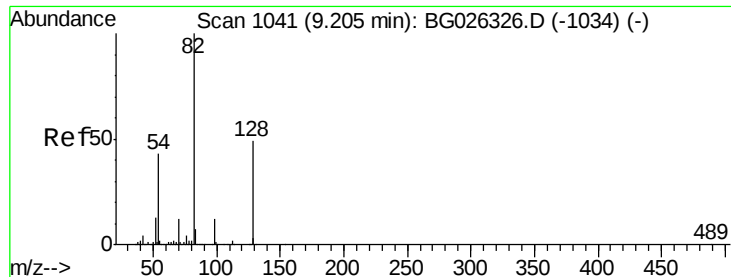
136 100

137 11.5 8.9 13.3

54 6.4 9.3 13.9#

68 5.8 5.1 7.7

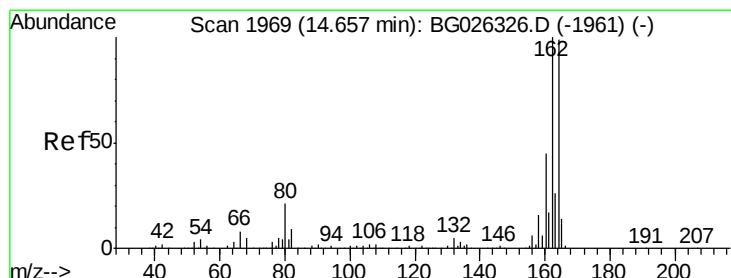
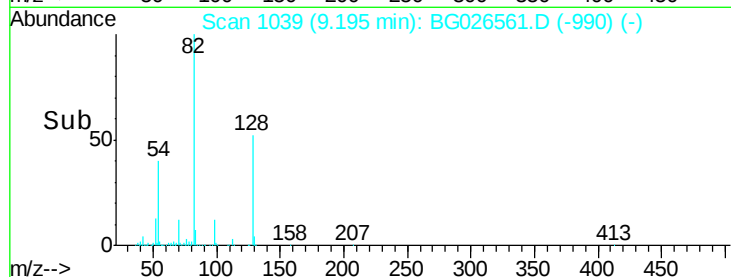
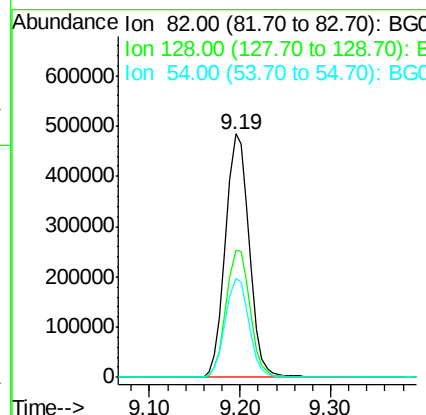
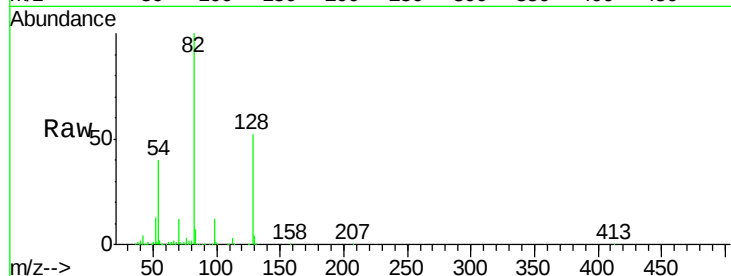




#23
 Nitrobenzene-d5
 Concen: 83.94 ng
 RT: 9.19 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BG026561.D
 Acq: 5 Apr 2017 16:52

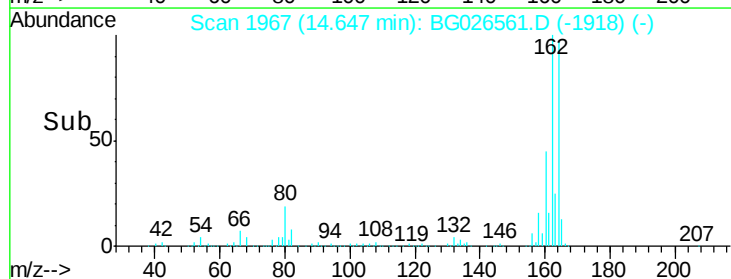
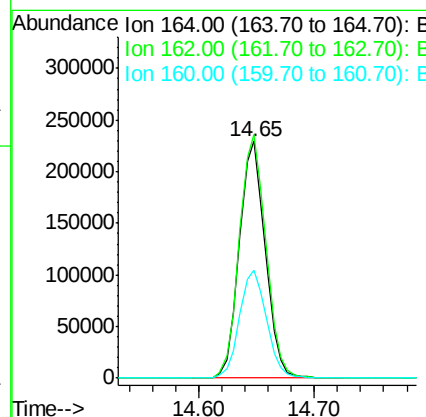
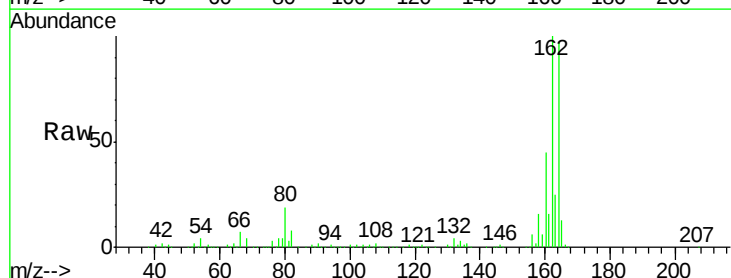
Instrument :
 BNA_G
 ClientSampleId :
 B1-(0-5)

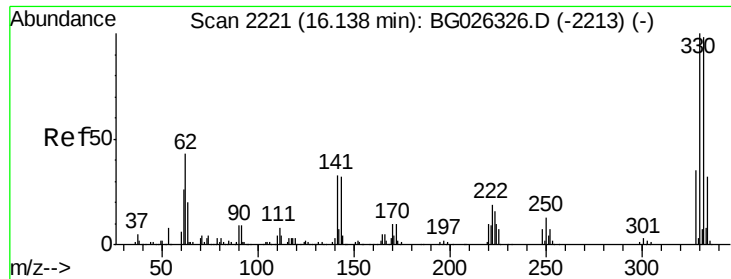
Tot Ion: 82 Resp: 884561
 Ion Ratio Lower Upper
 82 100
 128 52.2 26.4 39.6#
 54 40.5 49.4 74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG026561.D
 Acq: 5 Apr 2017 16:52

Tgt Ion:164 Resp: 357674
 Ion Ratio Lower Upper
 164 100
 162 102.7 85.1 127.7
 160 45.8 34.7 52.1

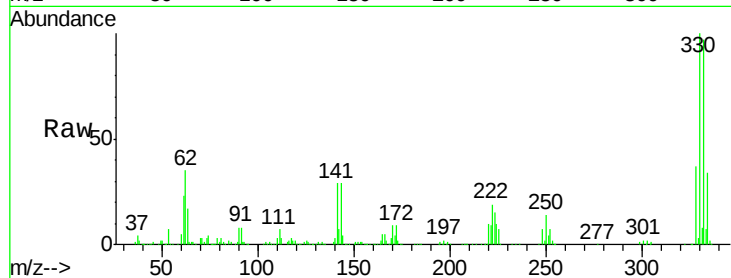




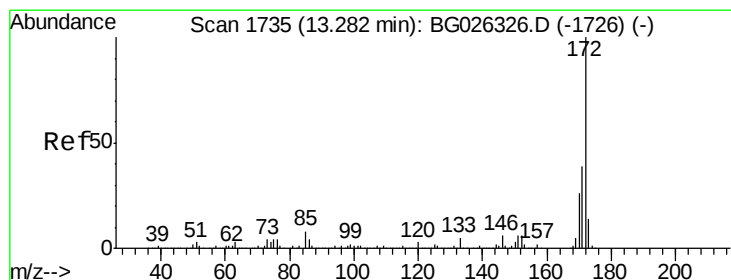
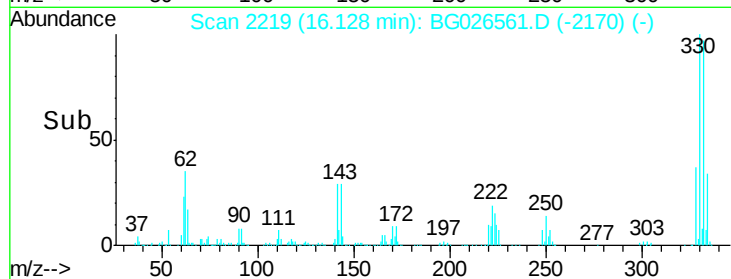
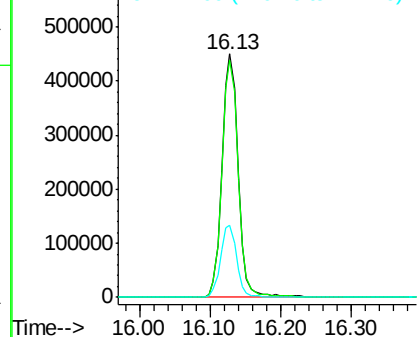
#41
 2,4,6-Tribromophenol
 Concen: 174.89 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG026561.D
 Acq: 5 Apr 2017 16:52

Instrument :
 BNA_G
 ClientSampleId :
 B1-(0-5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.3	115.9
141	29.5	32.1	48.1#

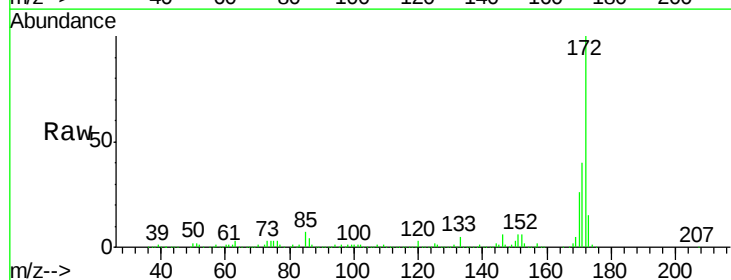


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

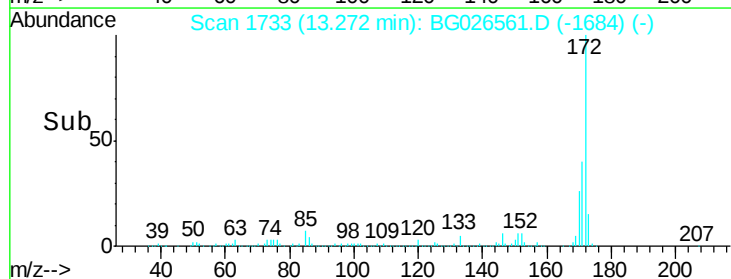
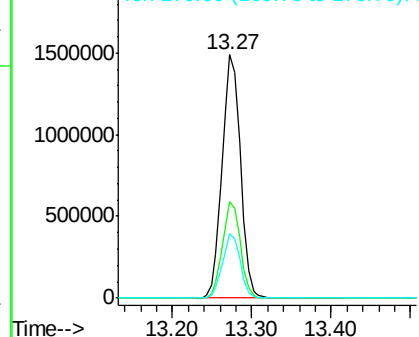


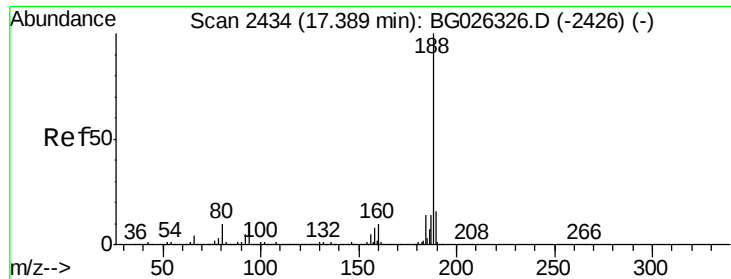
#44
 2-Fluorobiphenyl
 Concen: 93.69 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG026561.D
 Acq: 5 Apr 2017 16:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.8	32.2	48.2
170	26.4	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

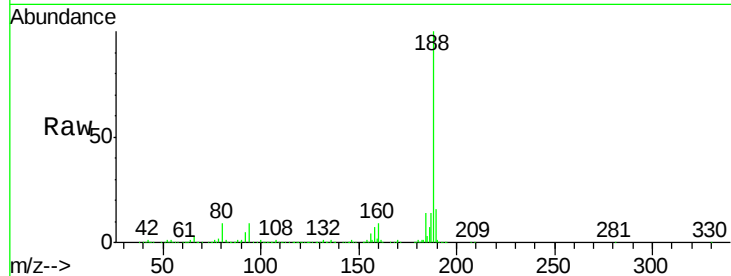




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG026561.D
Acq: 5 Apr 2017 16:52

Instrument :
BNA_G
ClientSampleId :
B1-(0-5)

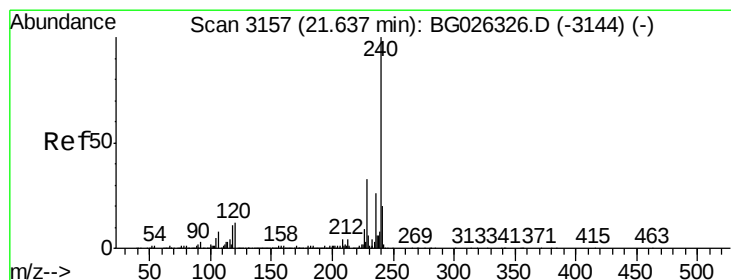
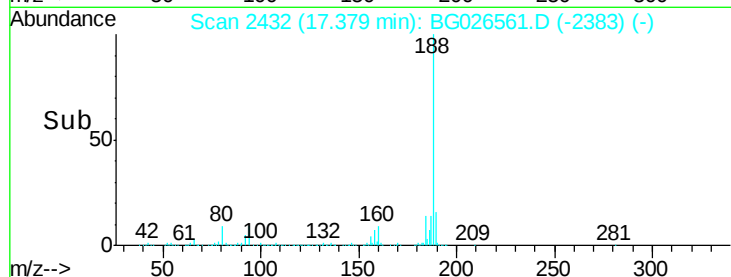
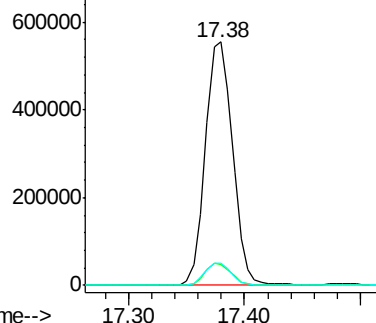
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.5	5.8	8.8
80	8.9	7.5	11.3



Abundance Ion 188.00 (187.70 to 188.70): E

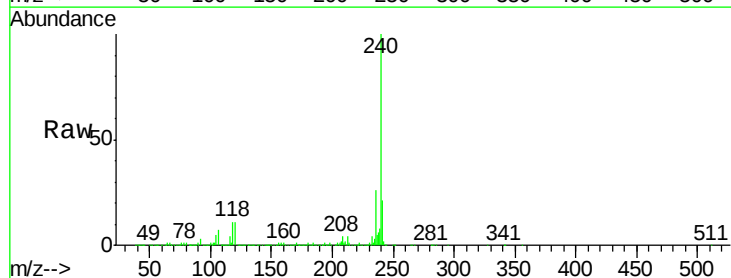
Ion 94.00 (93.70 to 94.70): BGC

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: BG026561.D
Acq: 5 Apr 2017 16:52

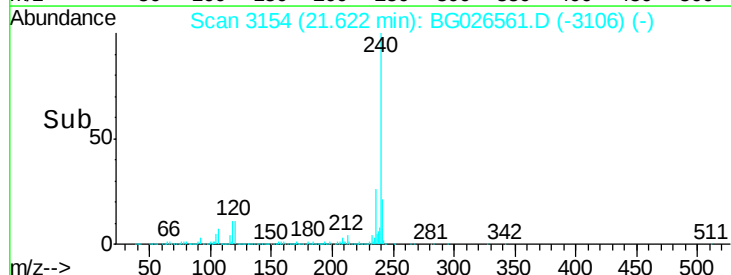
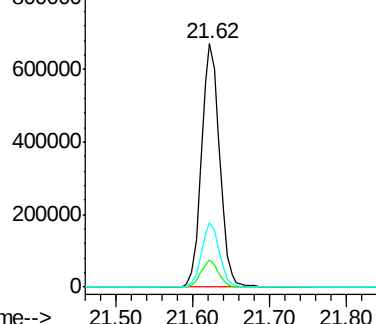
Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.1	5.7	8.5#
236	26.5	22.2	33.4

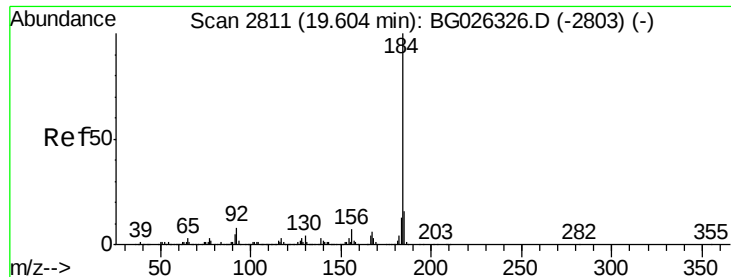


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

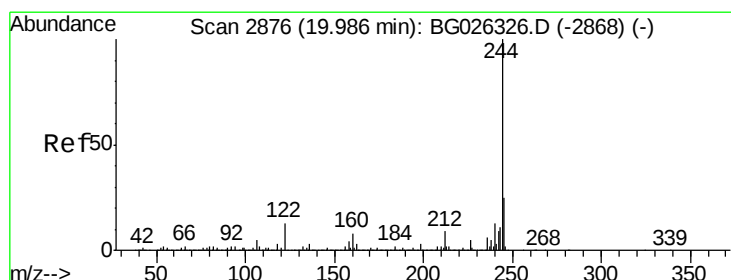
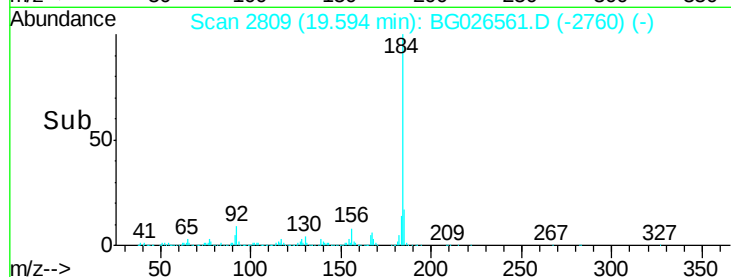
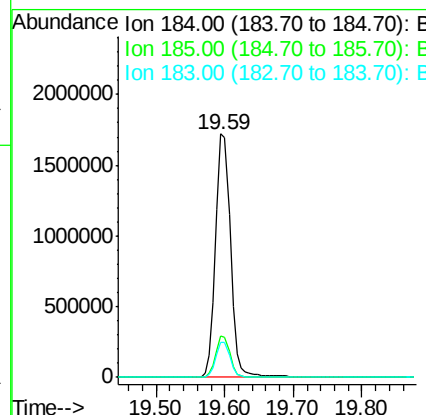
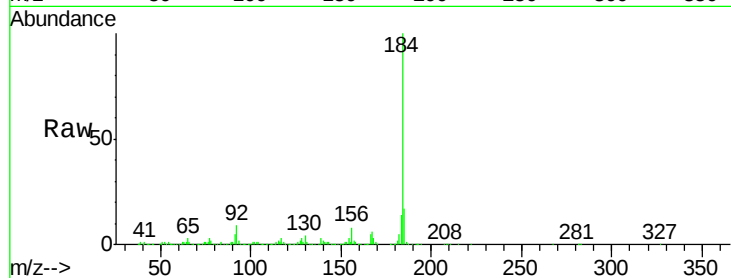




#76
Benzidine
Concen: 68.95 ng
RT: 19.59 min Scan# 2809
Delta R.T. -0.01 min
Lab File: BG026561.D
Acq: 5 Apr 2017 16:52

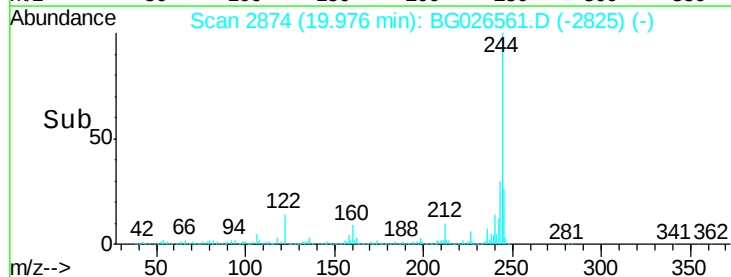
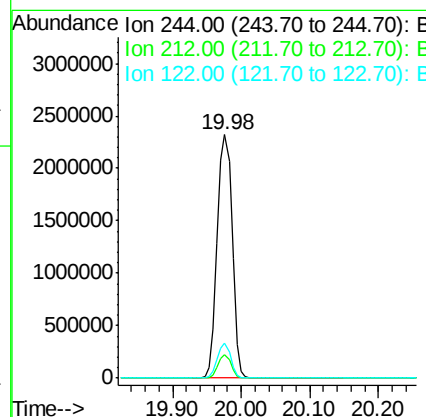
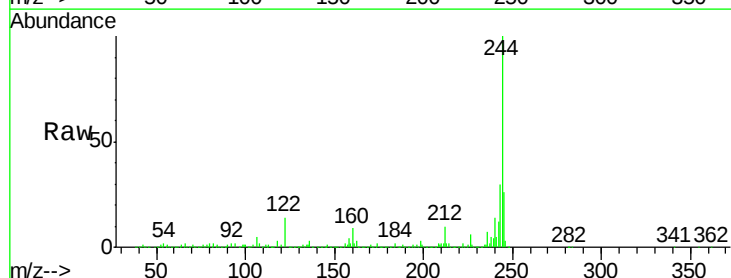
Instrument :
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B1-(0-5)

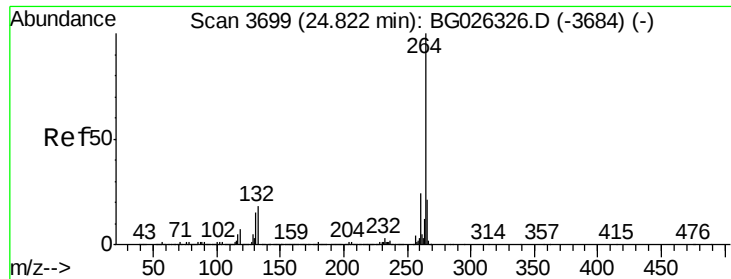
Tot Ion:184 Resp: 2624747
Ion Ratio Lower Upper
184 100
185 17.0 13.0 19.6
183 14.3 11.0 16.6



#78
Terphenyl-d14
Concen: 77.16 ng
RT: 19.98 min Scan# 2874
Delta R.T. -0.01 min
Lab File: BG026561.D
Acq: 5 Apr 2017 16:52

Tgt Ion:244 Resp: 3507908
Ion Ratio Lower Upper
244 100
212 9.5 10.0 15.0#
122 14.3 8.6 12.8#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.80 min Scan# 3695
Delta R.T. -0.02 min
Lab File: BG026561.D
Acq: 5 Apr 2017 16:52

Instrument :
BNA_G
ClientSampleId :
B1-(0-5)

Tot Ion:264 Resp: 1062278

Ion	Ratio	Lower	Upper
264	100		
260	23.4	21.8	32.8
265	21.7	18.2	27.4

