

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122817\
 Data File : BG031826.D
 Acq On : 28 Dec 2017 15:42
 Operator : SJ/JU
 Sample : PB105379TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 28 16:21:16 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

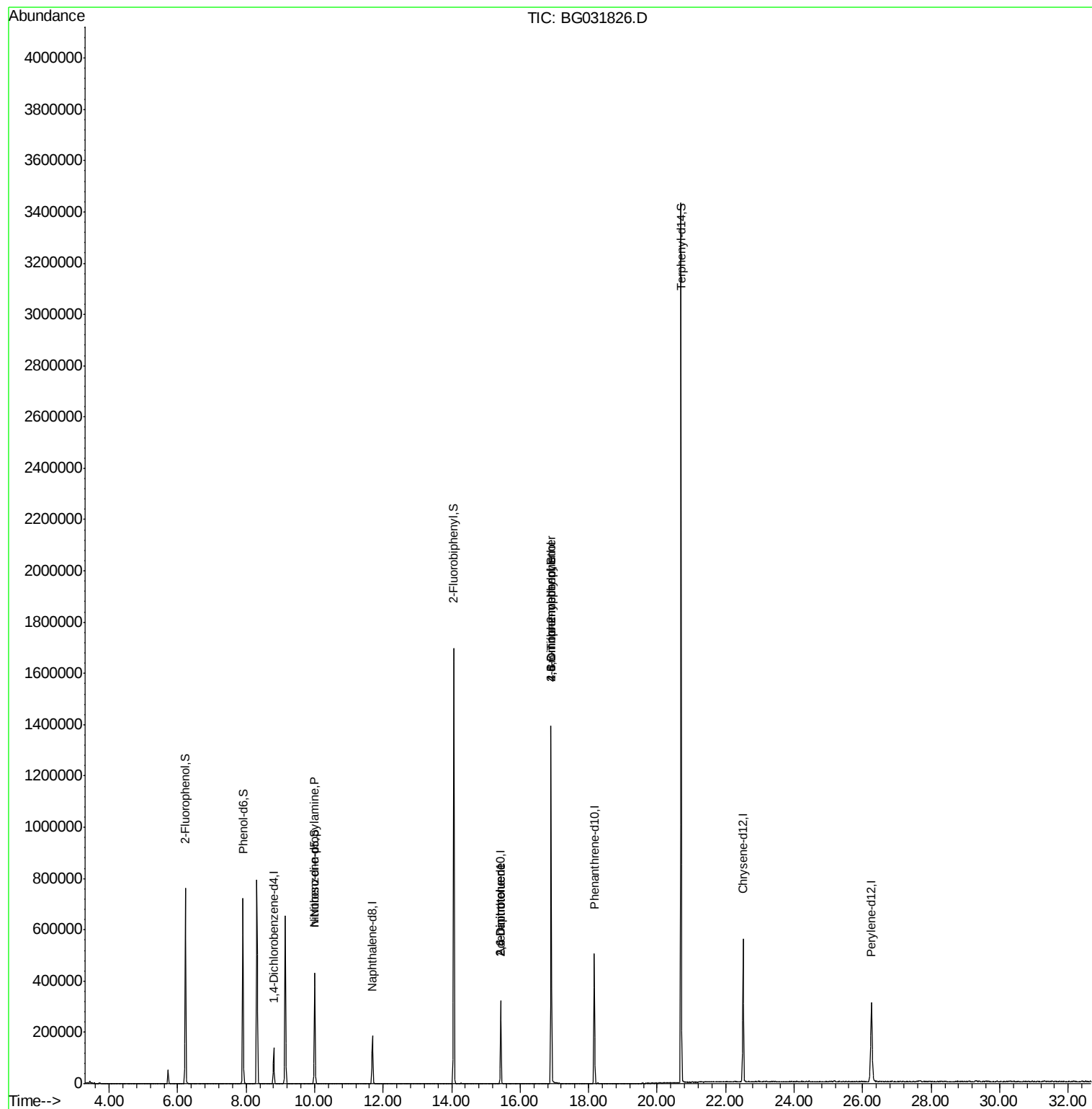
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.80	152	48945	20.00	ng	-0.04
21) Naphthalene-d8	11.69	136	188514	20.00	ng	-0.04
38) Acenaphthene-d10	15.43	164	130834	20.00	ng	-0.04
63) Phenanthrene-d10	18.16	188	357378	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	424984	20.00	ng	-0.06
86) Perylene-d12	26.26	264	446235	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	423069	157.44	ng	-0.02
7) Phenol-d6	7.91	99	527626	151.23	ng	-0.02
23) Nitrobenzene-d5	10.00	82	280110	112.20	ng	-0.04
41) 2,4,6-Tribromophenol	16.90	330	343921	172.28	ng	-0.04
44) 2-Fluorobiphenyl	14.06	172	1038225	99.60	ng	-0.04
78) Terphenyl-d14	20.70	244	1901652	102.23	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.00	70	37868	15.893	ng	# 72
50) 2,6-Dinitrotoluene	15.43	165	17508	8.257	ng	# 21
56) 2,4-Dinitrotoluene	15.43	165	17508	6.422	ng	# 19
64) 4,6-Dinitro-2-methylphenol	16.90	198	885	8.727	ng	# 1
66) 4-Bromophenyl-phenylether	16.90	248	27089	5.242	ng	# 1

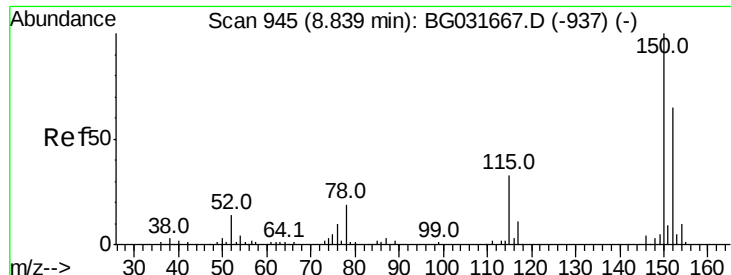
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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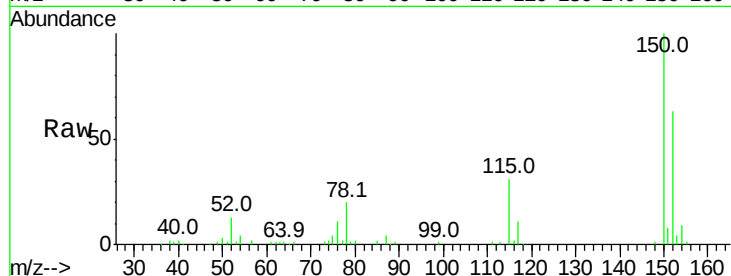


#1

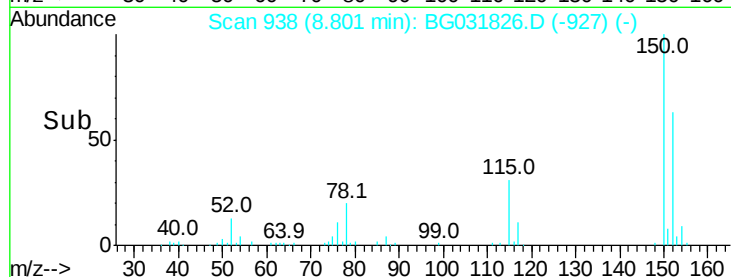
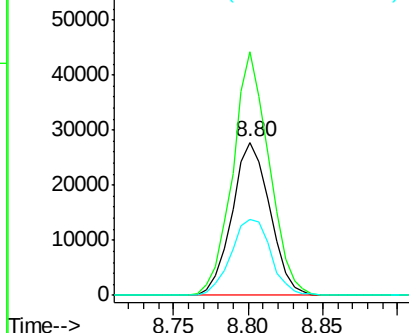
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.80 min Scan# 938
Delta R.T. -0.04 min
Lab File: BG031826.D
Acq: 28 Dec 2017 15:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 48945
Ion Ratio Lower Upper
152 100
150 159.1 126.6 189.8
115 49.3 53.0 79.4#



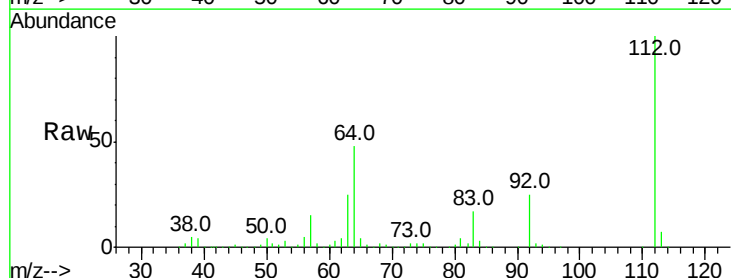
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



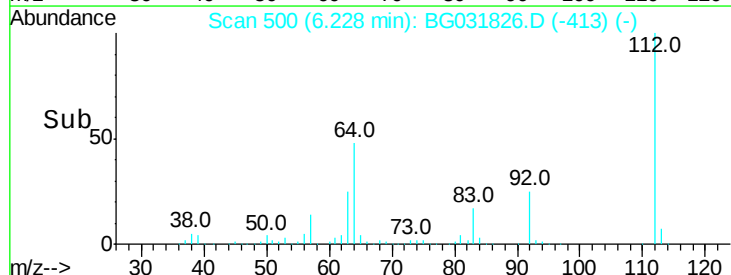
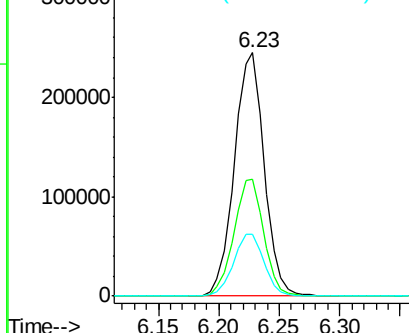
#5

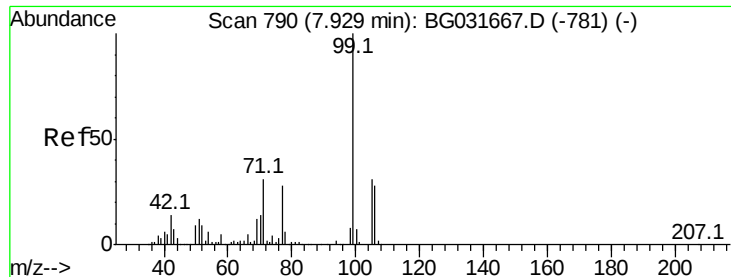
2-Fluorophenol
Concen: 157.436 ng
RT: 6.23 min Scan# 500
Delta R.T. -0.02 min
Lab File: BG031826.D
Acq: 28 Dec 2017 15:42

Tgt Ion:112 Resp: 423069
Ion Ratio Lower Upper
112 100
64 47.8 56.3 84.5#
63 25.2 30.1 45.1#



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: 151.229 ng

RT: 7.91 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG031826.D

Acq: 28 Dec 2017 15:42

Instrument :

BNA_G

ClientSampleId :

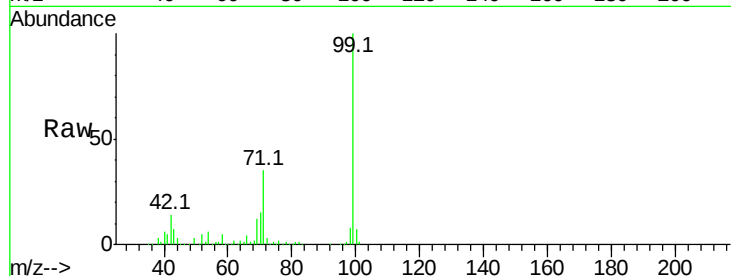
Tot Ion: 99 Resp: 527626

Ion Ratio Lower Upper

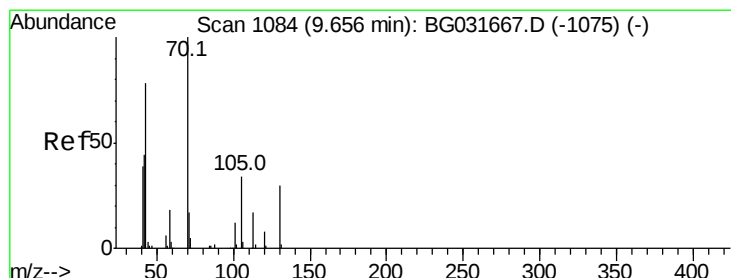
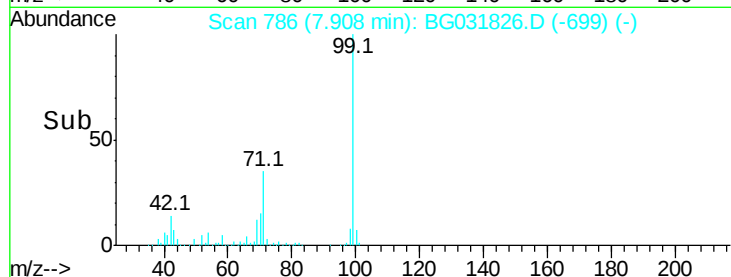
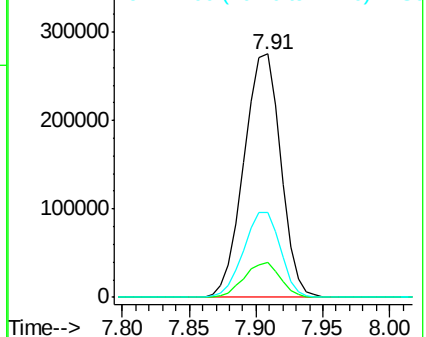
99 100

42 14.2 14.1 21.1

71 35.0 26.1 39.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.893 ng

RT: 10.00 min Scan# 1142

Delta R.T. 0.34 min

Lab File: BG031826.D

Acq: 28 Dec 2017 15:42

Tgt Ion: 70 Resp: 37868

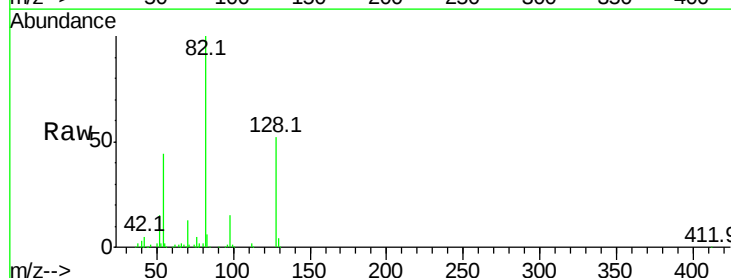
Ion Ratio Lower Upper

70 100

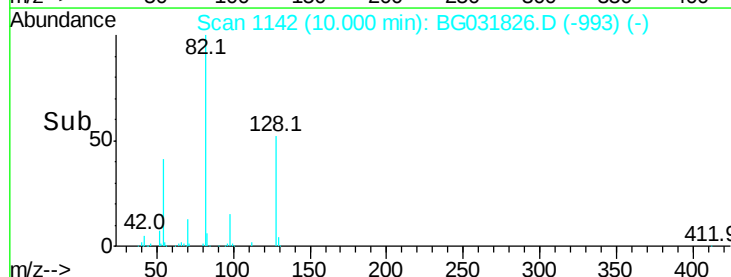
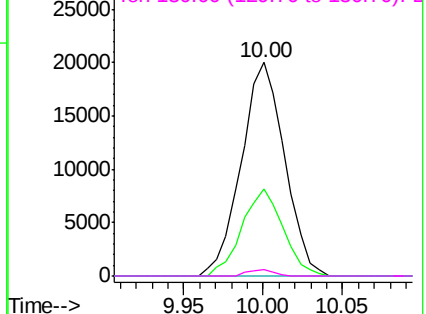
42 40.7 49.1 73.7#

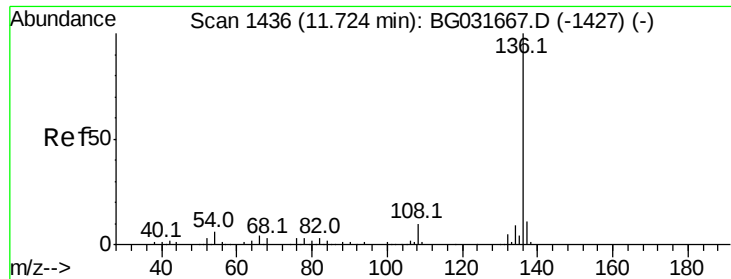
101 0.0 8.5 12.7#

130 2.8 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

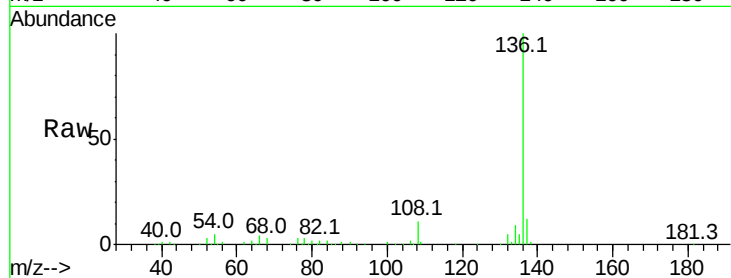




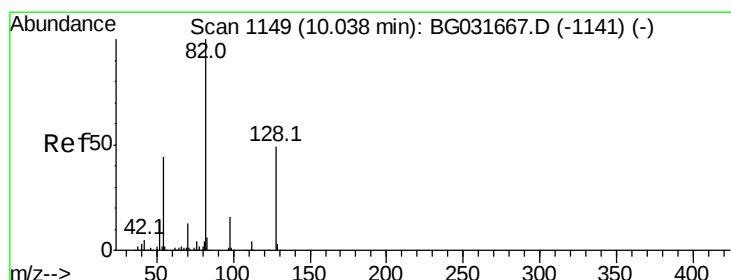
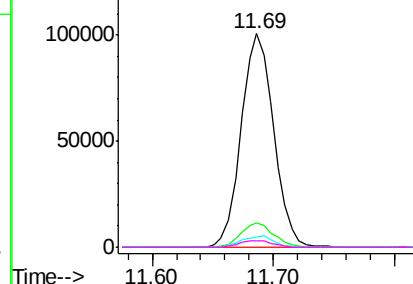
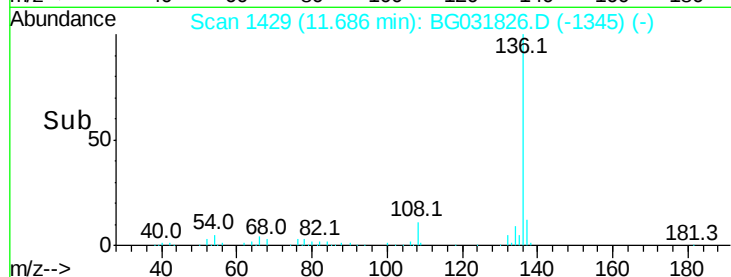
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.69 min Scan# 1429
Delta R.T. -0.04 min
Lab File: BG031826.D
Acq: 28 Dec 2017 15:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	188514
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	4.7	10.3	15.5#
68	3.1	4.5	6.7#

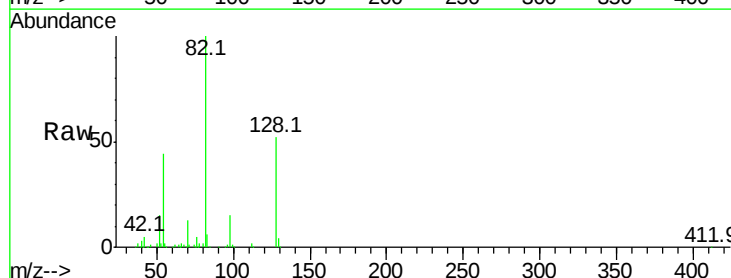


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

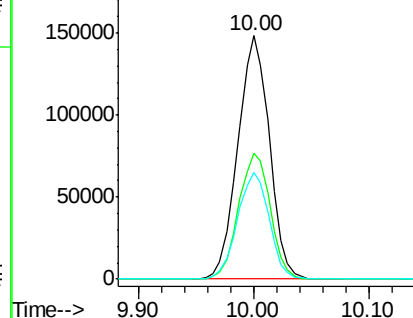
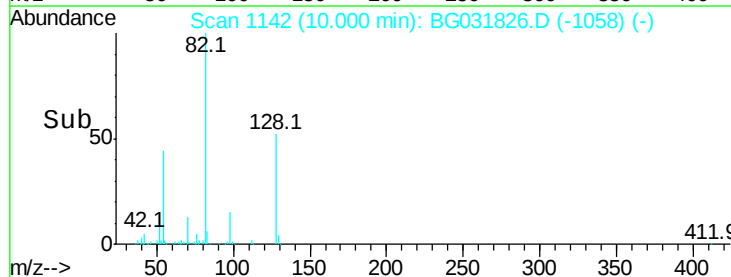


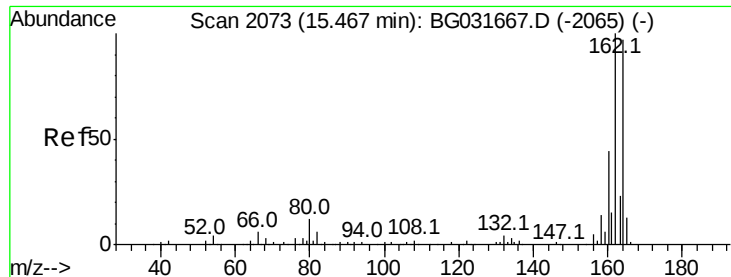
#23
Nitrobenzene-d5
Concen: 112.202 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.04 min
Lab File: BG031826.D
Acq: 28 Dec 2017 15:42

Tgt Ion:	82	Resp:	280110
Ion	Ratio	Lower	Upper
82	100		
128	51.9	29.7	44.5#
54	43.7	43.1	64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC

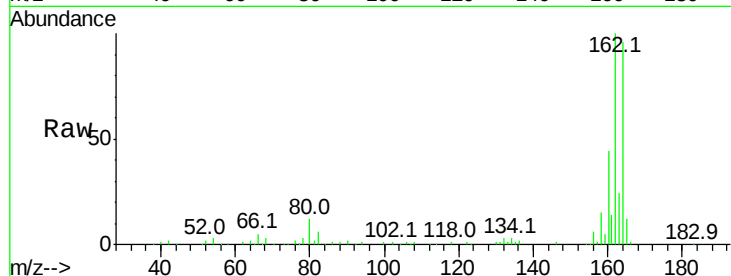




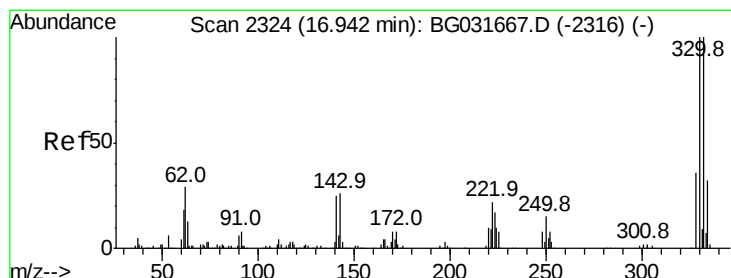
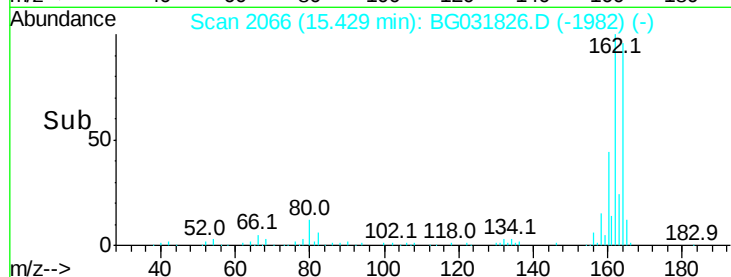
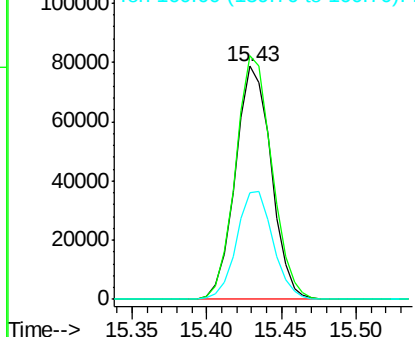
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.43 min Scan# 2066
Delta R.T. -0.04 min
Lab File: BG031826.D
Acq: 28 Dec 2017 15:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 130834
Ion Ratio Lower Upper
164 100
162 104.4 78.8 118.2
160 45.6 35.4 53.0

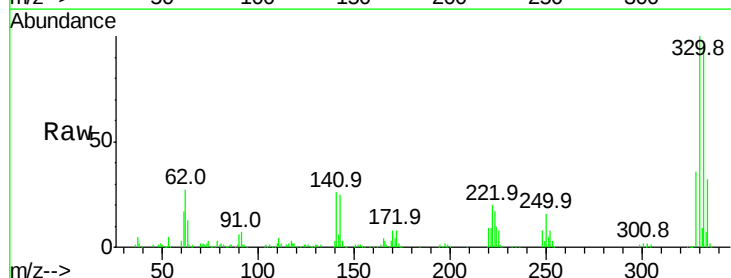


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

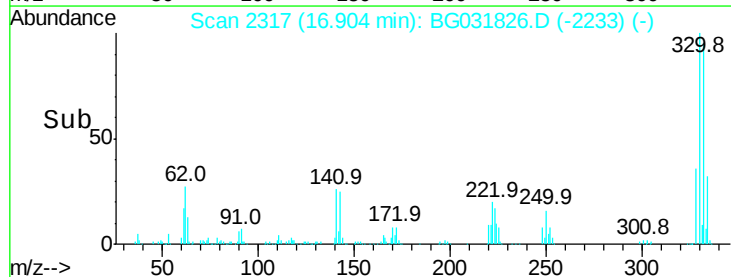
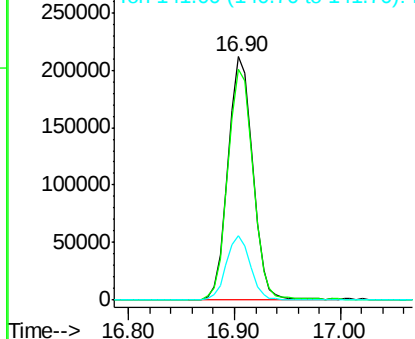


#41
2,4,6-Tribromophenol
Concen: 172.275 ng
RT: 16.90 min Scan# 2317
Delta R.T. -0.04 min
Lab File: BG031826.D
Acq: 28 Dec 2017 15:42

Tgt Ion:330 Resp: 343921
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.6
141 25.6 25.2 37.8



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

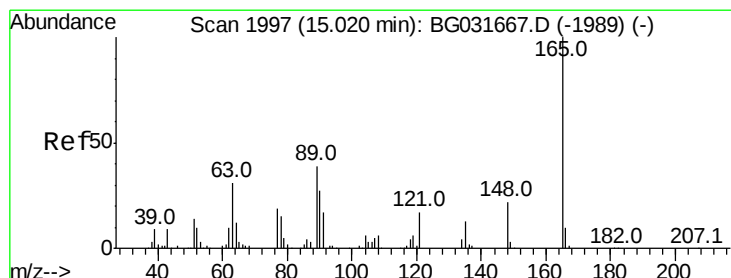
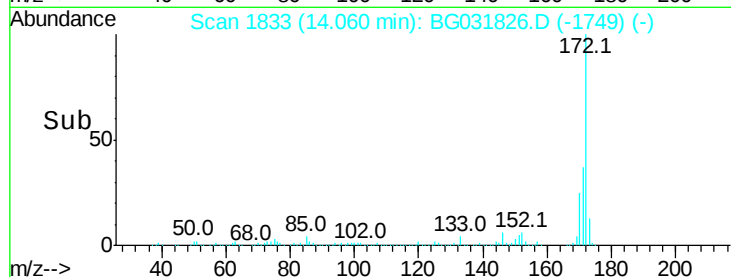
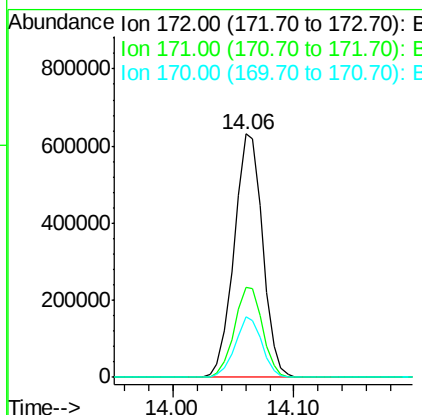
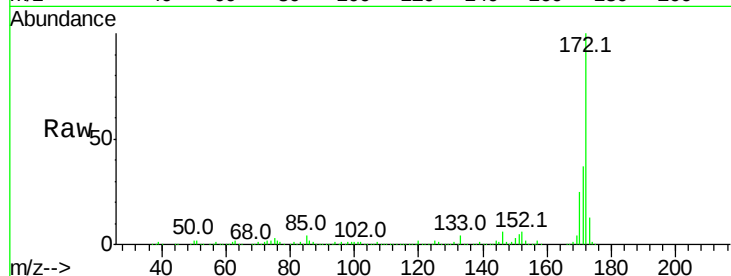




#44
2-Fluorobiphenyl
Concen: 99.600 ng
RT: 14.06 min Scan# 1833
Delta R.T. -0.04 min
Lab File: BG031826.D
Acq: 28 Dec 2017 15:42

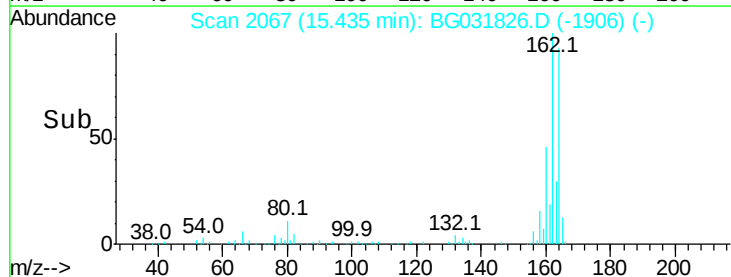
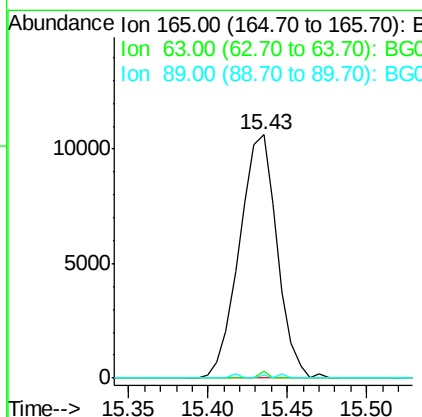
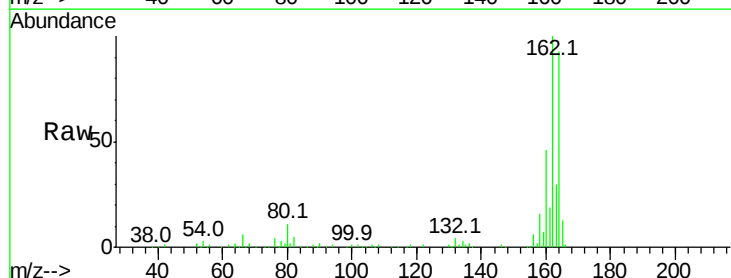
Instrument :
BNA_G
ClientSampleId :

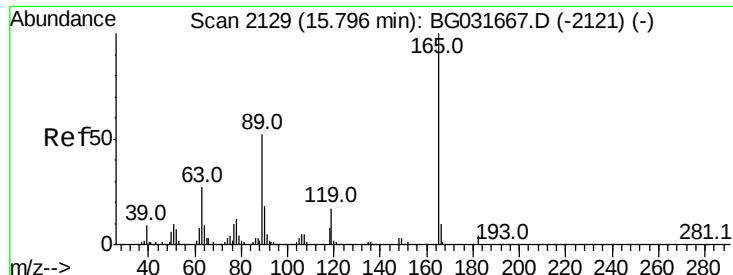
Tot Ion:172 Resp: 1038225
Ion Ratio Lower Upper
172 100
171 37.2 30.0 45.0
170 24.7 19.5 29.3



#50
2,6-Dinitrotoluene
Concen: 8.257 ng
RT: 15.43 min Scan# 2067
Delta R.T. 0.41 min
Lab File: BG031826.D
Acq: 28 Dec 2017 15:42

Tgt Ion:165 Resp: 17508
Ion Ratio Lower Upper
165 100
63 2.6 52.7 79.1#
89 1.4 49.2 73.8#

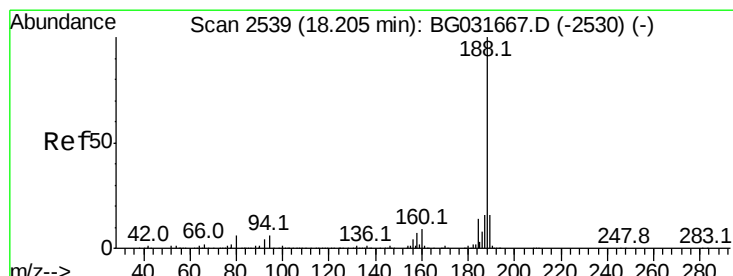
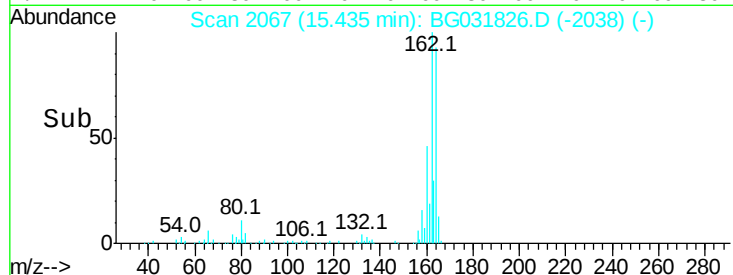
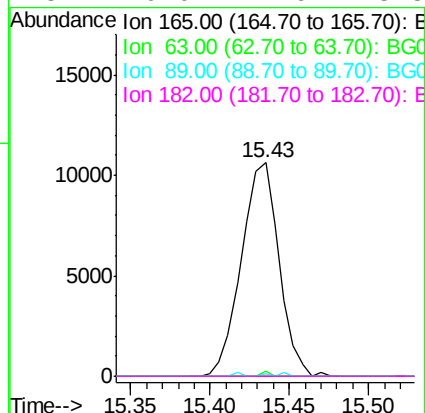
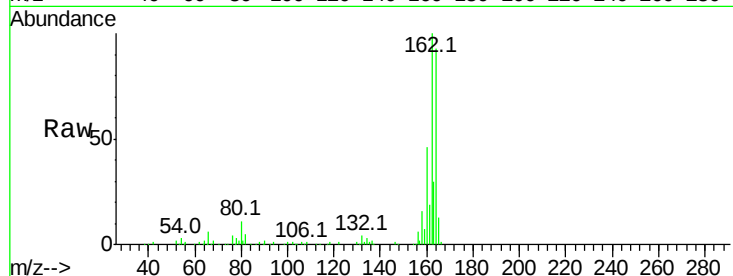




#56
 2,4-Dinitrotoluene
 Concen: 6.422 ng
 RT: 15.43 min Scan# 2067
 Delta R.T. -0.36 min
 Lab File: BG031826.D
 Acq: 28 Dec 2017 15:42

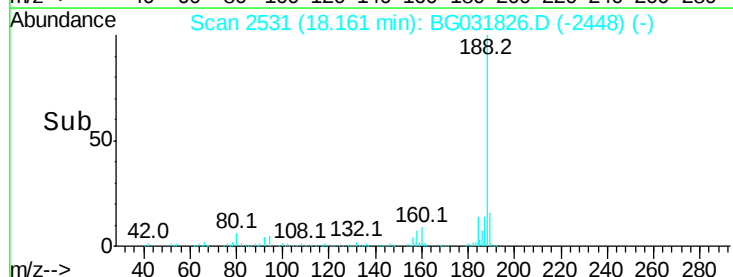
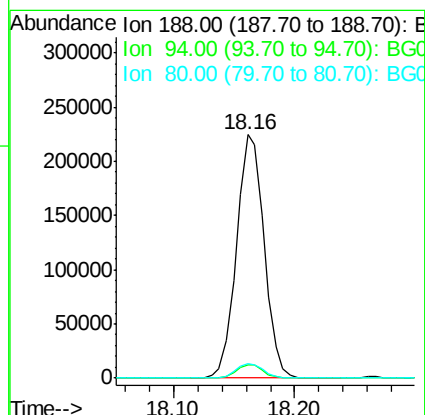
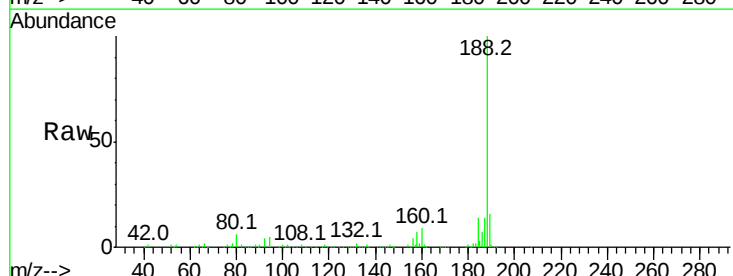
Instrument :
 BNA_G
 ClientSampleId :

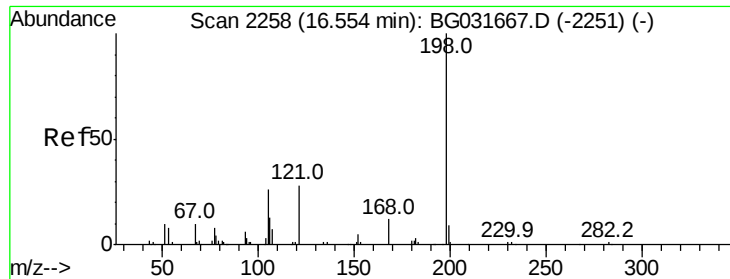
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.6	42.0	63.0#
89	1.4	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.16 min Scan# 2531
 Delta R.T. -0.04 min
 Lab File: BG031826.D
 Acq: 28 Dec 2017 15:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.2	6.9	10.3#
80	5.8	7.7	11.5#





#64

4,6-Dinitro-2-methylphenol

Concen: 8.727 ng

RT: 16.90 min Scan# 2317

Delta R.T. 0.35 min

Lab File: BG031826.D

Acq: 28 Dec 2017 15:42

Instrument :

BNA_G

ClientSampleId :

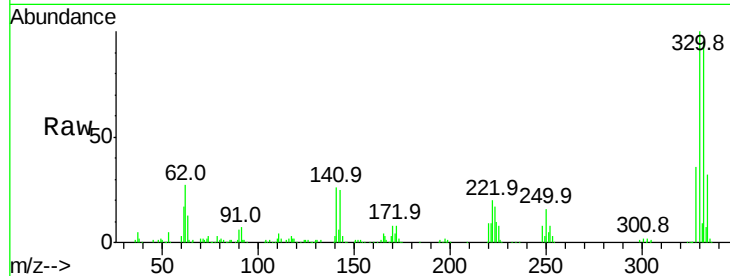
Tot Ion:198 Resp: 885

Ion Ratio Lower Upper

198 100

51 106.2 30.6 70.6#

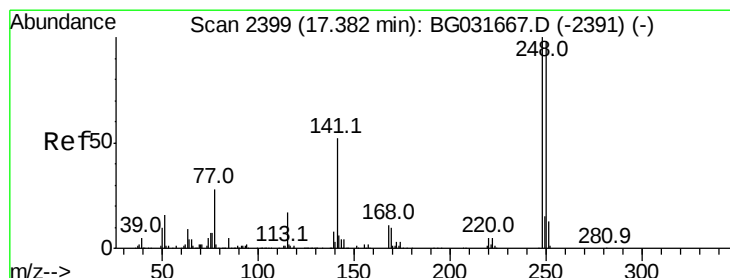
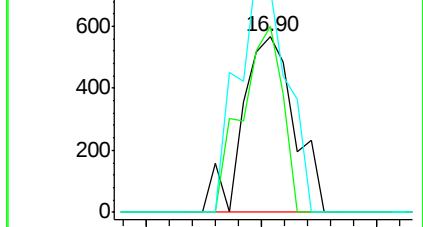
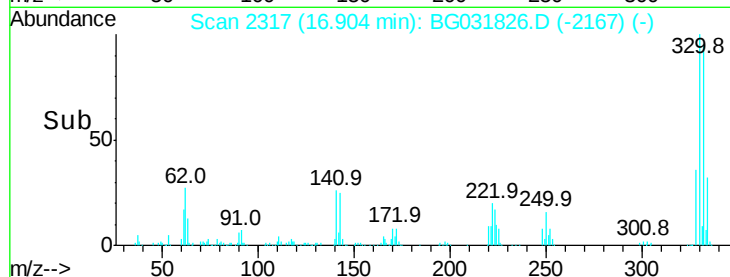
105 127.1 23.8 63.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 5.242 ng

RT: 16.90 min Scan# 2317

Delta R.T. -0.48 min

Lab File: BG031826.D

Acq: 28 Dec 2017 15:42

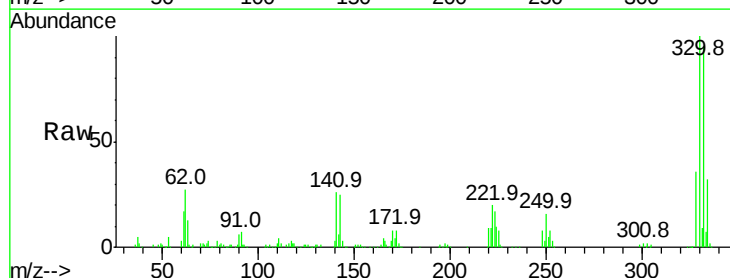
Tgt Ion:248 Resp: 27089

Ion Ratio Lower Upper

248 100

250 199.3 77.1 115.7#

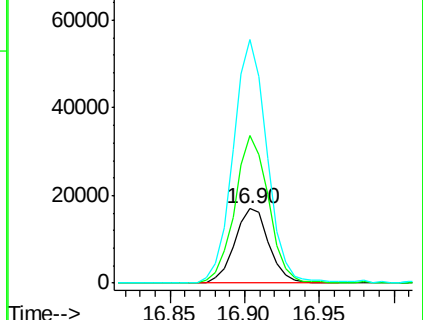
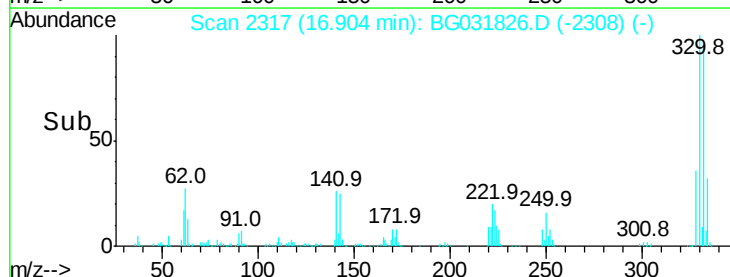
141 328.8 50.8 76.2#

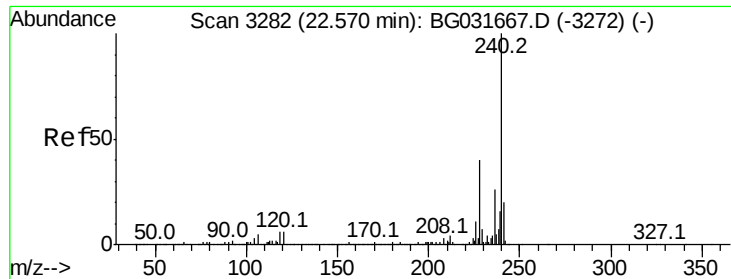


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.51 min Scan# 3271

Delta R.T. -0.06 min

Lab File: BG031826.D

Acq: 28 Dec 2017 15:42

Instrument :

BNA_G

ClientSampleId :

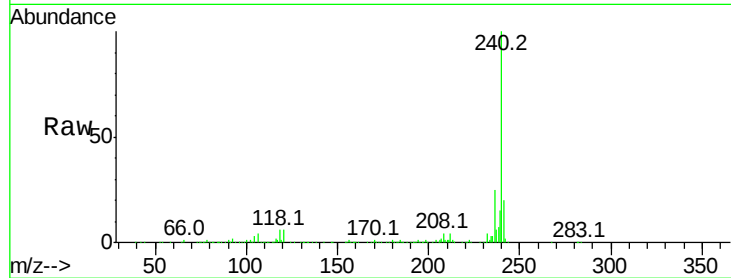
Tot Ion:240 Resp: 424984

Ion Ratio Lower Upper

240 100

120 6.0 6.8 10.2#

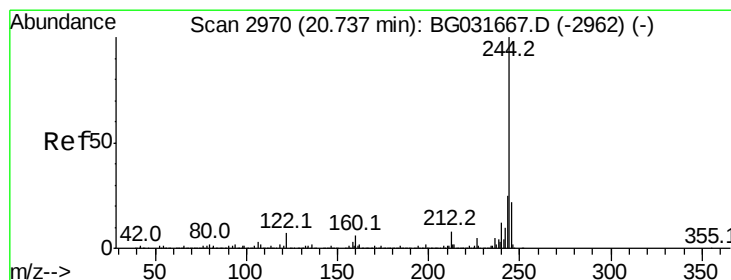
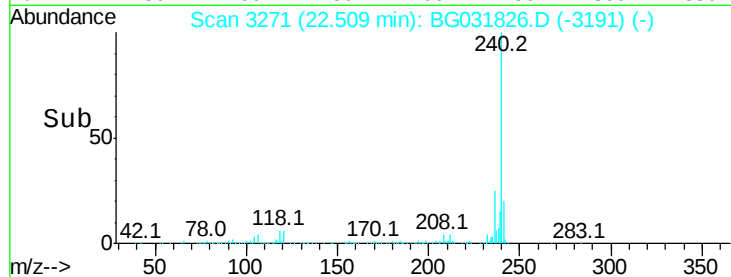
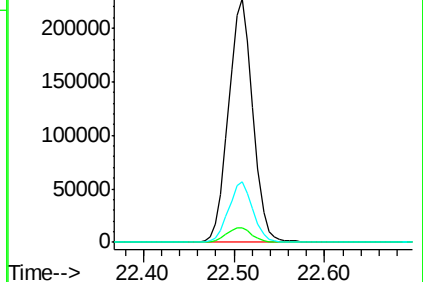
236 24.8 20.9 31.3



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: 102.230 ng

RT: 20.70 min Scan# 2963

Delta R.T. -0.04 min

Lab File: BG031826.D

Acq: 28 Dec 2017 15:42

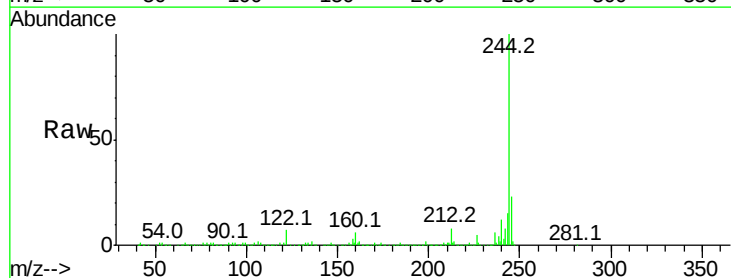
Tgt Ion:244 Resp: 1901652

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

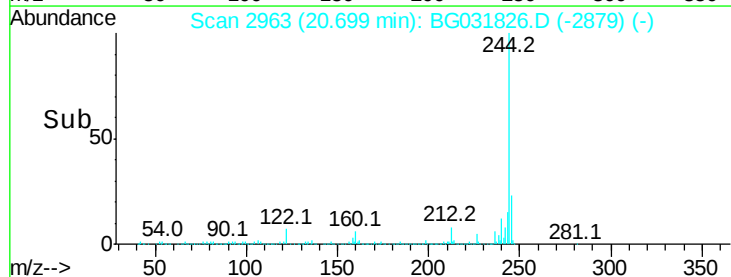
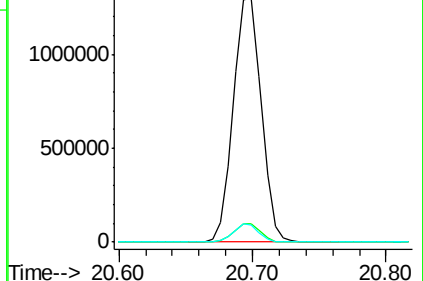
122 7.0 7.0 10.4

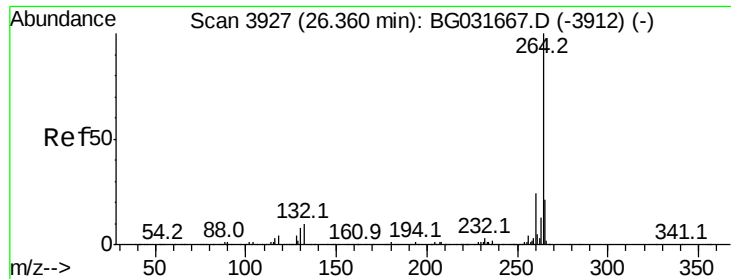


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.26 min Scan# 3909
 Delta R.T. -0.10 min
 Lab File: BG031826.D
 Acq: 28 Dec 2017 15:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	21.1	17.7	26.5

