

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122717\
 Data File : BG031807.D
 Acq On : 27 Dec 2017 21:44
 Operator : SJ/JU
 Sample : I7058-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 28 07:20:52 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

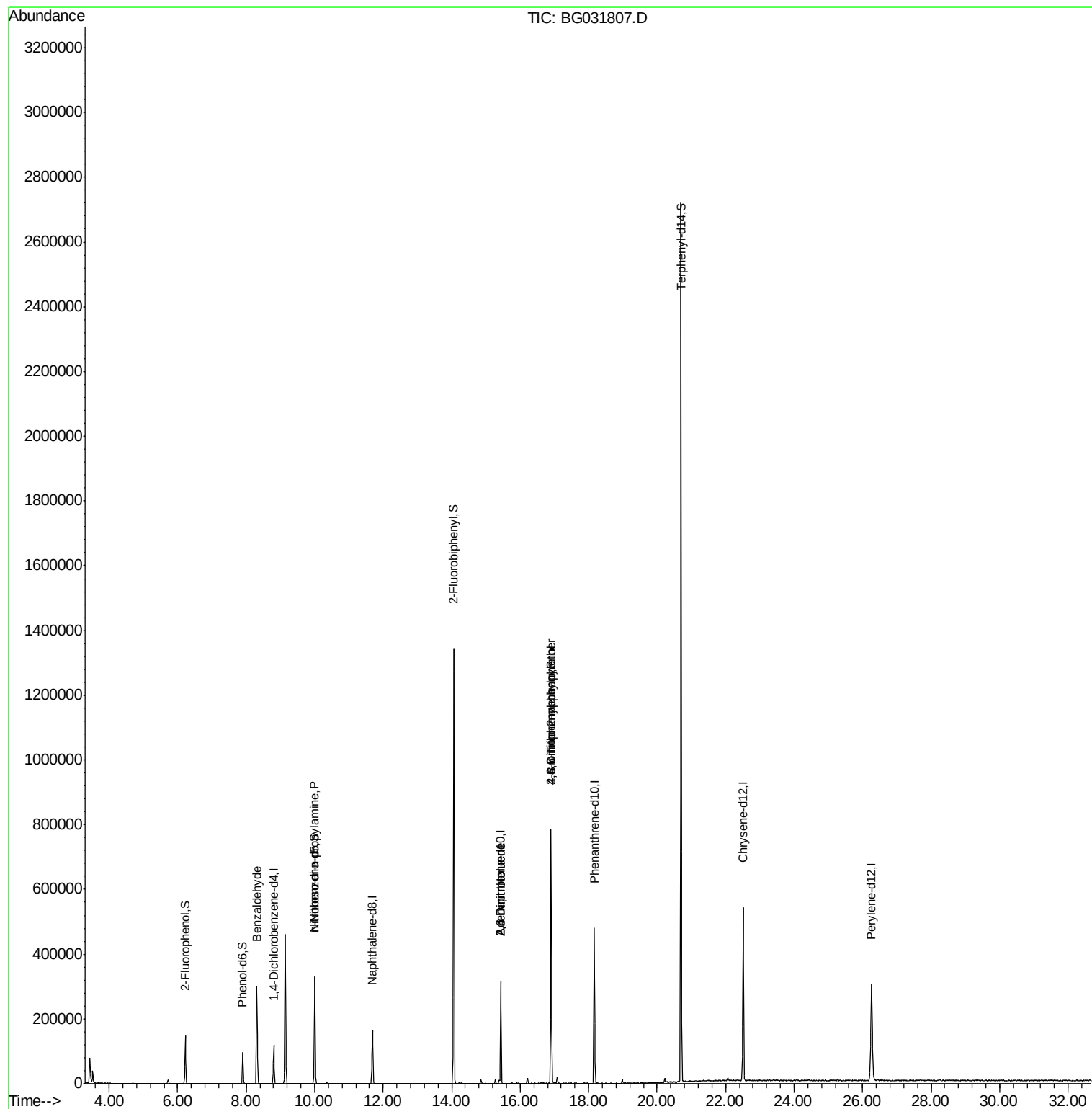
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.80	152	41338	20.00	ng	-0.04
21) Naphthalene-d8	11.69	136	169227	20.00	ng	-0.04
38) Acenaphthene-d10	15.44	164	126442	20.00	ng	-0.03
63) Phenanthrene-d10	18.17	188	340137	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	411754	20.00	ng	-0.06
86) Perylene-d12	26.26	264	434112	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	84221	37.11	ng	-0.03
7) Phenol-d6	7.90	99	67073	22.76	ng	-0.03
23) Nitrobenzene-d5	10.00	82	207821	92.73	ng	-0.04
41) 2,4,6-Tribromophenol	16.90	330	190122	98.54	ng	-0.04
44) 2-Fluorobiphenyl	14.06	172	822116	81.61	ng	-0.04
78) Terphenyl-d14	20.70	244	1580166	87.68	ng	-0.04
Target Compounds						
9) Benzaldehyde	8.31	77	3569	2.011	ng	# 83
19) n-Nitroso-di-n-propylamine	10.00	70	27312	13.572	ng	# 72
50) 2,6-Dinitrotoluene	15.43	165	16597	8.099	ng	# 19
56) 2,4-Dinitrotoluene	15.43	165	16597	6.299	ng	# 17
64) 4,6-Dinitro-2-methylphenol	16.91	198	407	8.509	ng	# 48
66) 4-Bromophenyl-phenylether	16.90	248	15299	3.110	ng	# 1

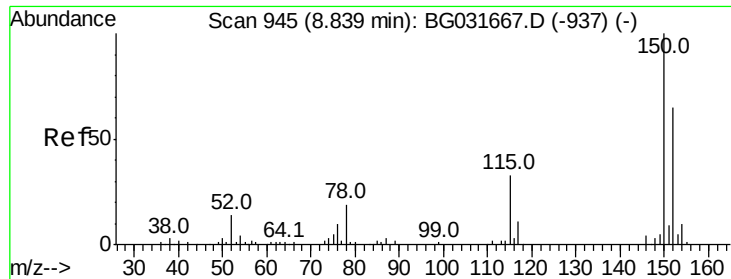
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122717\
Data File : BG031807.D
Acq On : 27 Dec 2017 21:44
Operator : SJ/JU
Sample : I7058-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 28 07:20:52 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



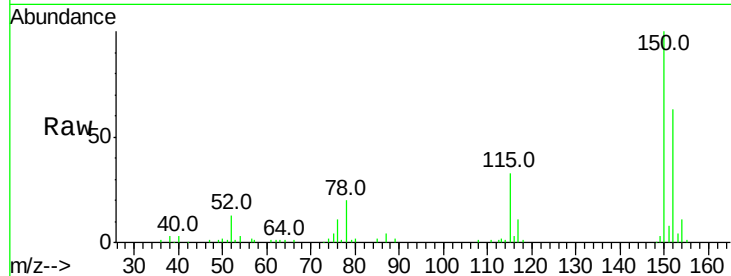


#1

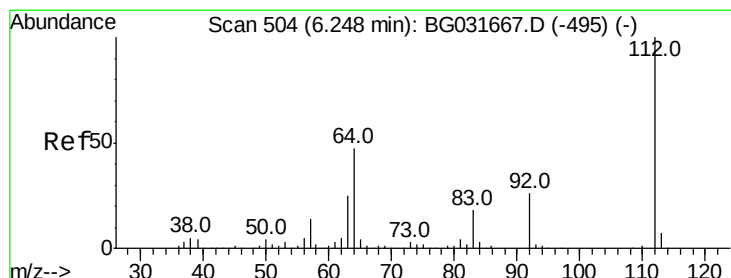
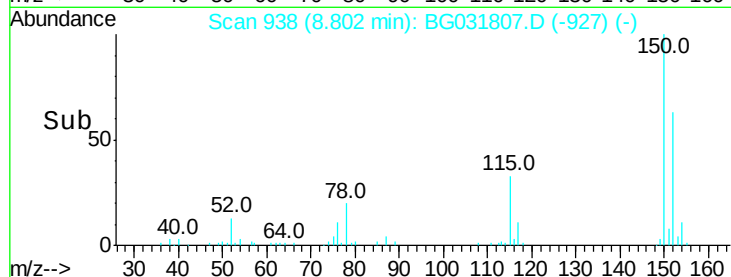
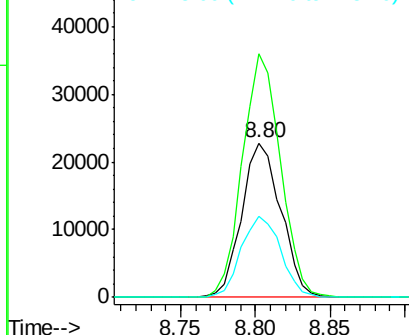
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.80 min Scan# 938
Delta R.T. -0.04 min
Lab File: BG031807.D
Acq: 27 Dec 2017 21:44

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 41338
Ion Ratio Lower Upper
152 100
150 157.6 126.6 189.8
115 52.6 53.0 79.4#



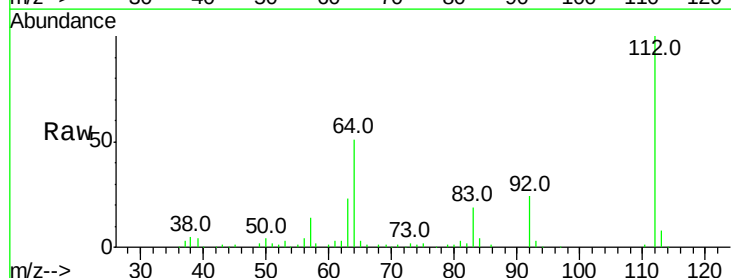
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



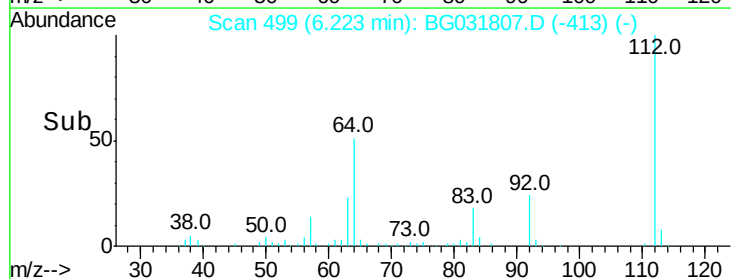
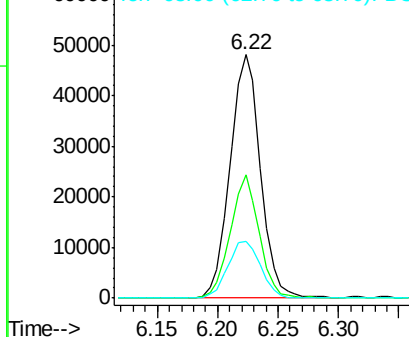
#5

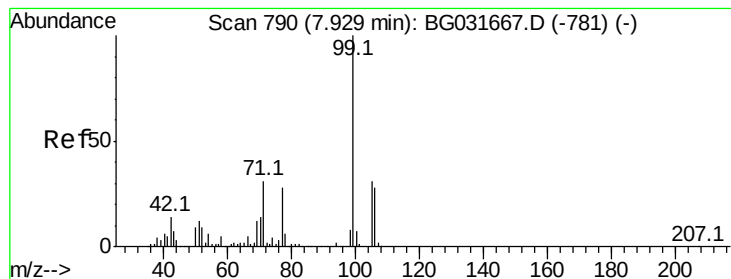
2-Fluorophenol
Concen: 37.108 ng
RT: 6.22 min Scan# 499
Delta R.T. -0.03 min
Lab File: BG031807.D
Acq: 27 Dec 2017 21:44

Tgt Ion:112 Resp: 84221
Ion Ratio Lower Upper
112 100
64 50.9 56.3 84.5#
63 23.1 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: 22.762 ng

RT: 7.90 min Scan# 784

Delta R.T. -0.03 min

Lab File: BG031807.D

Acq: 27 Dec 2017 21:44

Instrument :

BNA_G

ClientSampleId :

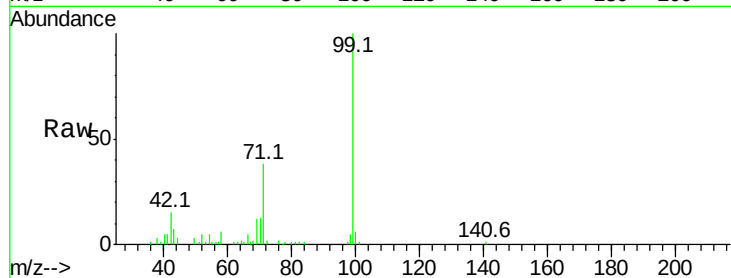
Tot Ion: 99 Resp: 67073

Ion Ratio Lower Upper

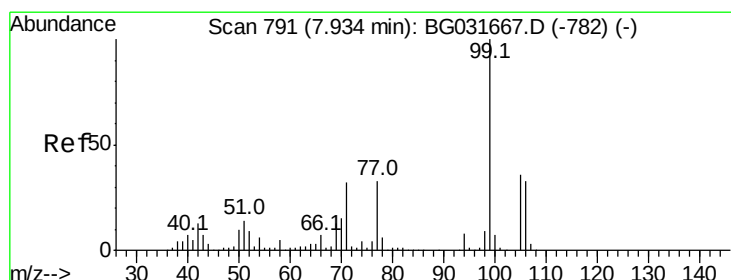
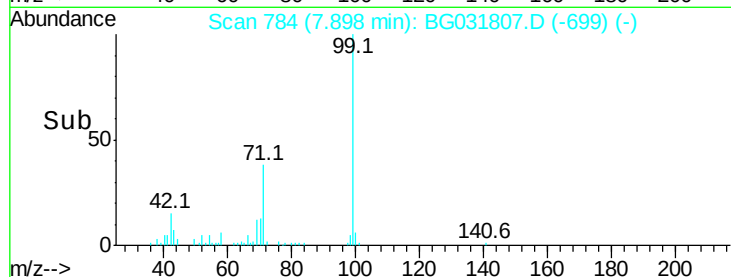
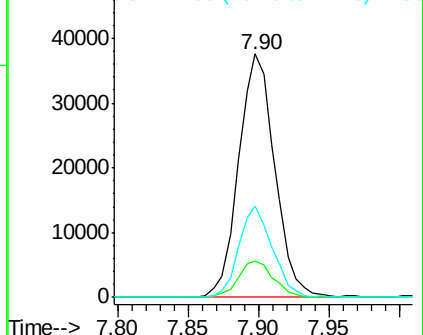
99 100

42 14.8 14.1 21.1

71 37.7 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



#9

Benzaldehyde

Concen: 2.011 ng

RT: 8.31 min Scan# 855

Delta R.T. 0.38 min

Lab File: BG031807.D

Acq: 27 Dec 2017 21:44

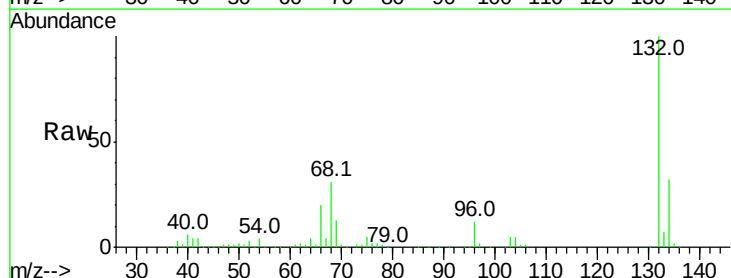
Tgt Ion: 77 Resp: 3569

Ion Ratio Lower Upper

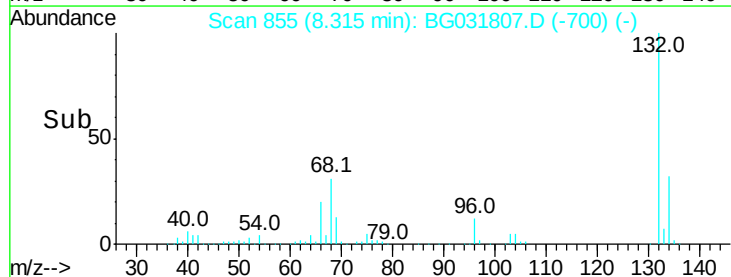
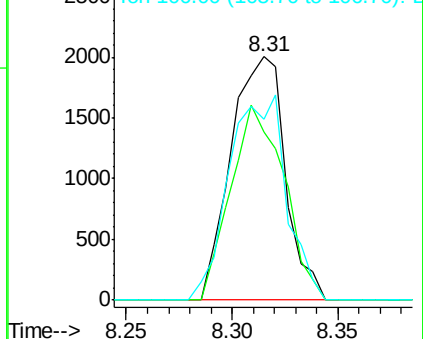
77 100

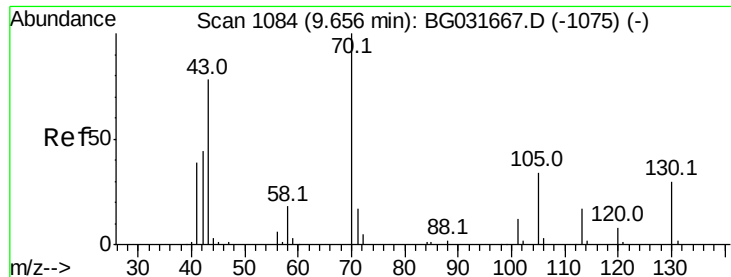
105 69.3 71.3 111.3#

106 74.4 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

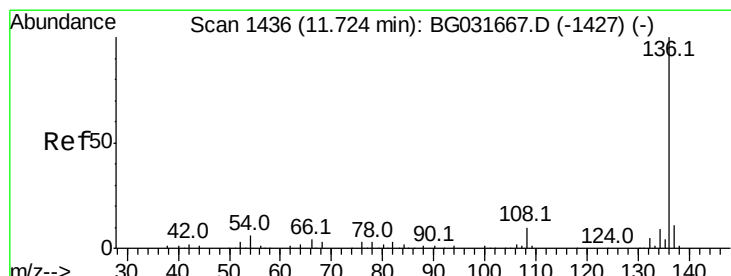
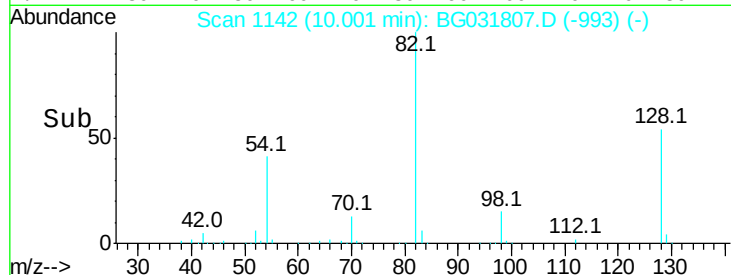
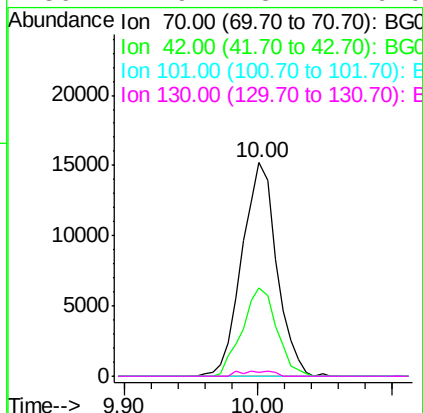
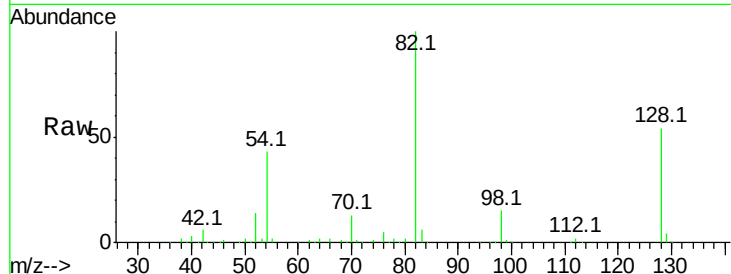




#19
n-Nitroso-di-n-propylamine
Concen: 13.572 ng
RT: 10.00 min Scan# 1142
Delta R.T. 0.35 min
Lab File: BG031807.D
Acq: 27 Dec 2017 21:44

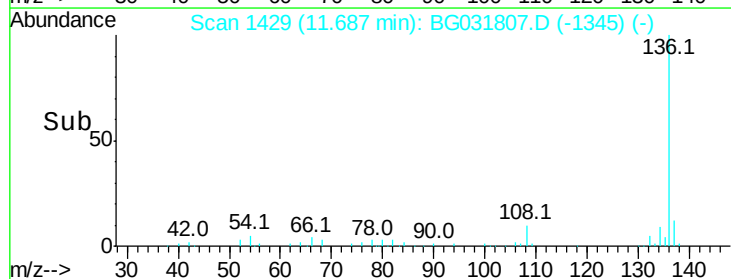
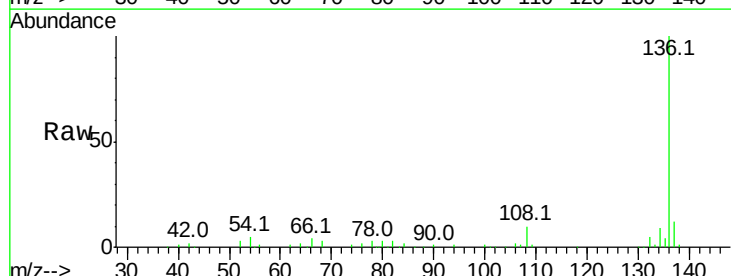
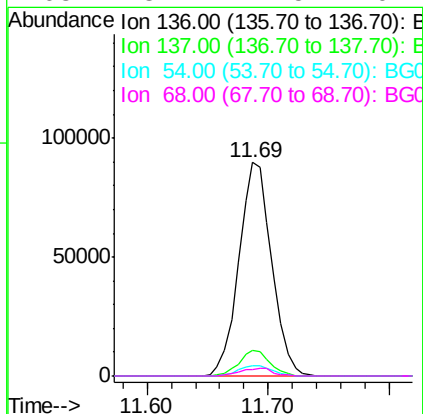
Instrument :
BNA_G
ClientSampleId :

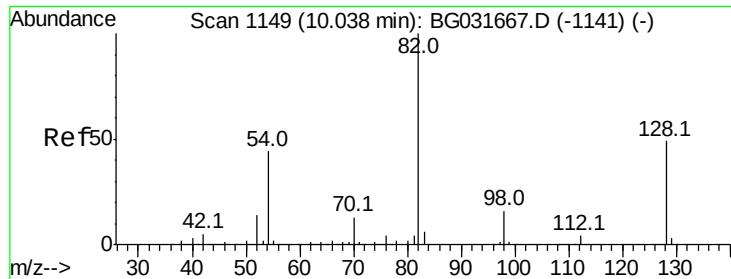
Tot Ion: 70 Resp: 27312
Ion Ratio Lower Upper
70 100
42 41.1 49.1 73.7#
101 0.0 8.5 12.7#
130 1.9 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.69 min Scan# 1429
Delta R.T. -0.04 min
Lab File: BG031807.D
Acq: 27 Dec 2017 21:44

Tgt Ion: 136 Resp: 169227
Ion Ratio Lower Upper
136 100
137 12.1 9.2 13.8
54 5.0 10.3 15.5#
68 3.1 4.5 6.7#

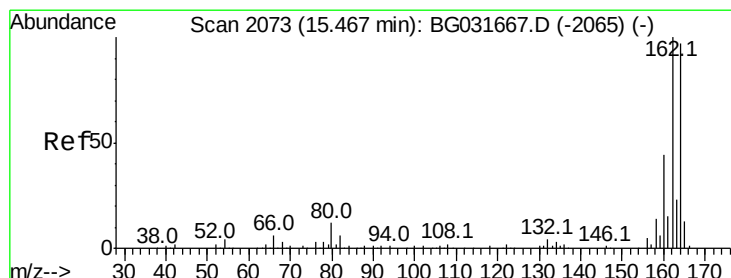
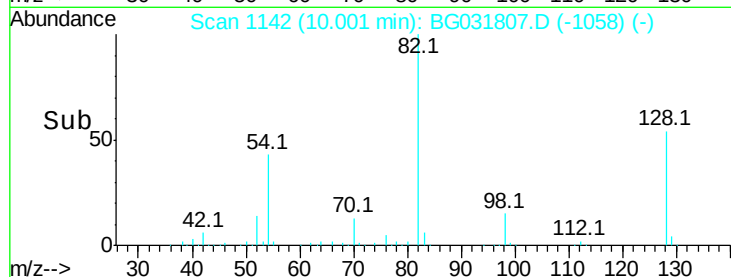
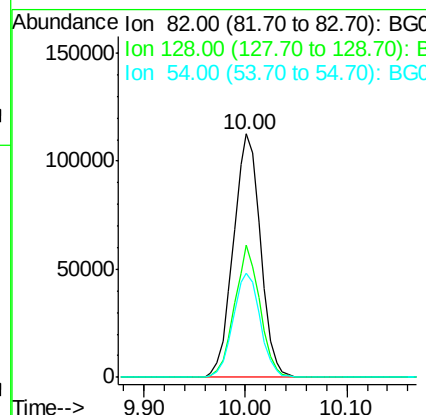
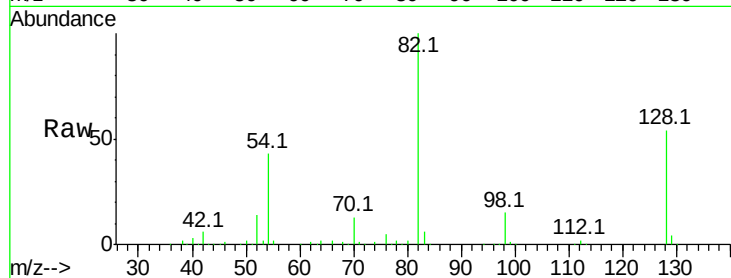




#23
Nitrobenzene-d5
Concen: 92.734 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.04 min
Lab File: BG031807.D
Acq: 27 Dec 2017 21:44

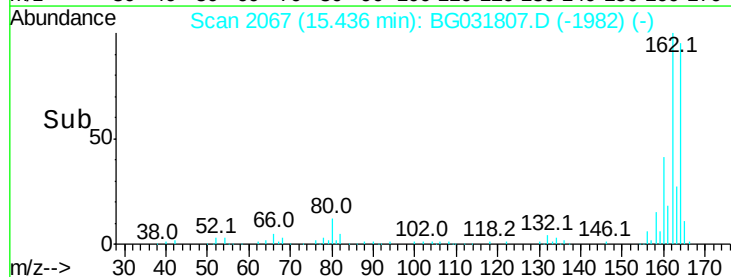
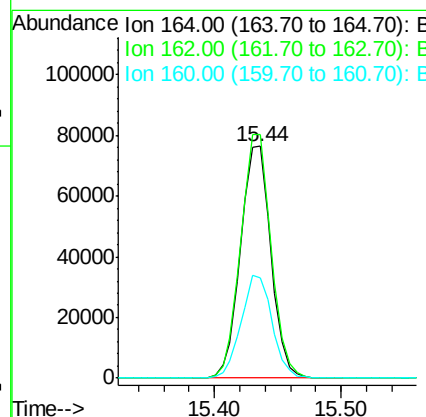
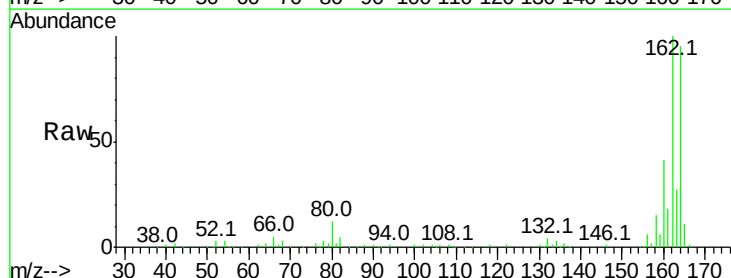
Instrument :
BNA_G
ClientSampled :

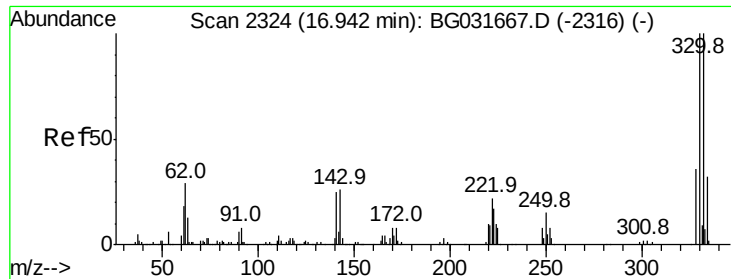
Tot Ion: 82 Resp: 207821
Ion Ratio Lower Upper
82 100
128 54.1 29.7 44.5#
54 42.9 43.1 64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.44 min Scan# 2067
Delta R.T. -0.03 min
Lab File: BG031807.D
Acq: 27 Dec 2017 21:44

Tgt Ion:164 Resp: 126442
Ion Ratio Lower Upper
164 100
162 105.2 78.8 118.2
160 43.3 35.4 53.0

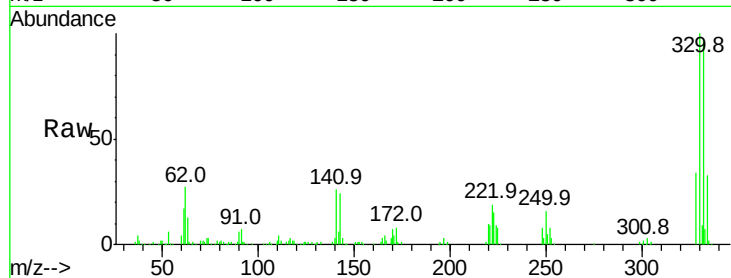




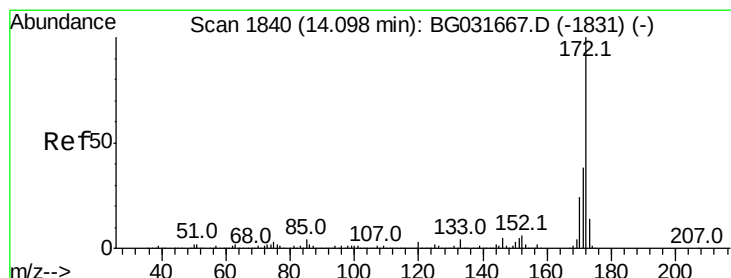
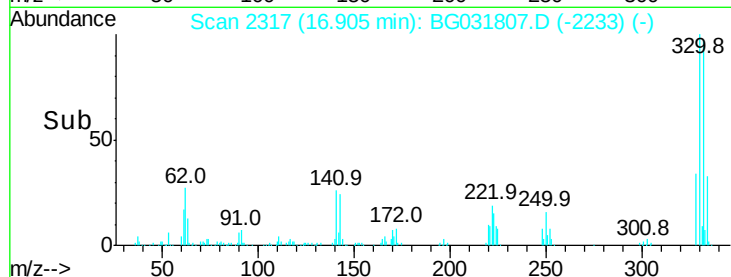
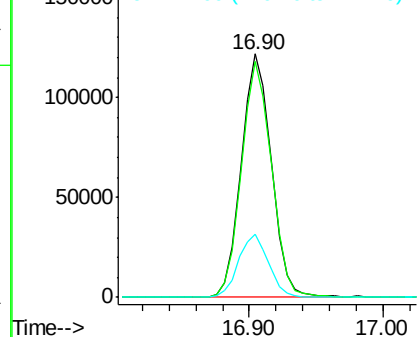
#41
 2,4,6-Tribromophenol
 Concen: 98.543 ng
 RT: 16.90 min Scan# 2317
 Delta R.T. -0.04 min
 Lab File: BG031807.D
 Acq: 27 Dec 2017 21:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	26.0	25.2	37.8

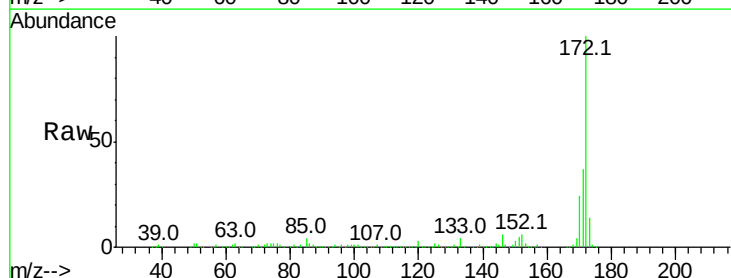


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

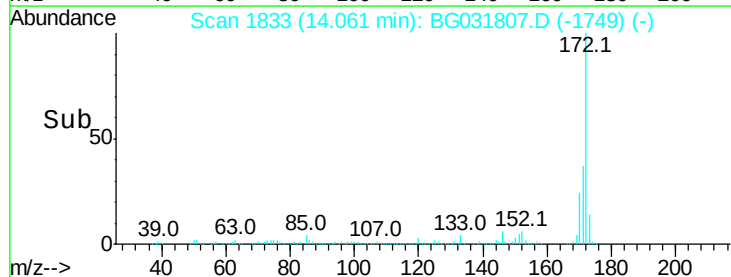
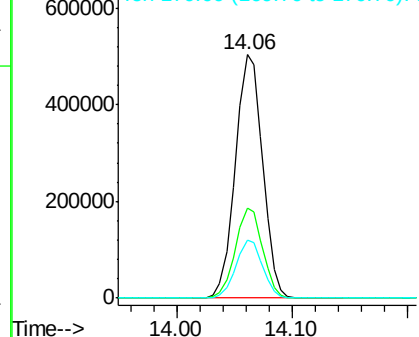


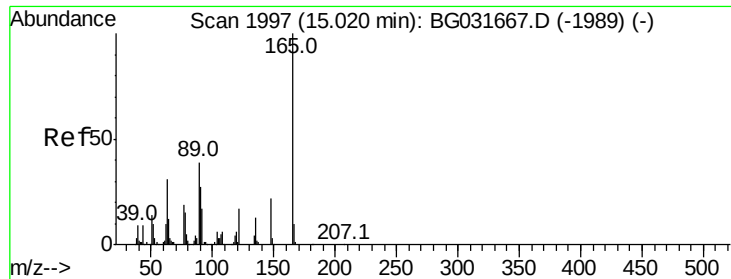
#44
 2-Fluorobiphenyl
 Concen: 81.608 ng
 RT: 14.06 min Scan# 1833
 Delta R.T. -0.04 min
 Lab File: BG031807.D
 Acq: 27 Dec 2017 21:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	23.8	19.5	29.3



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

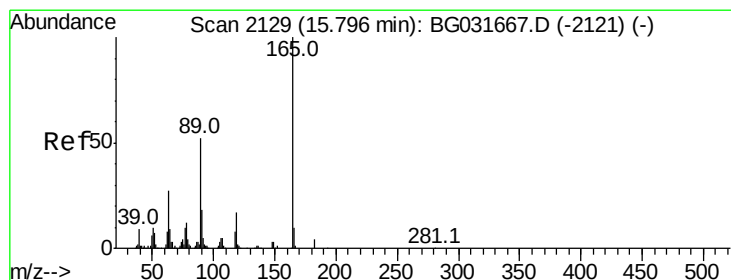
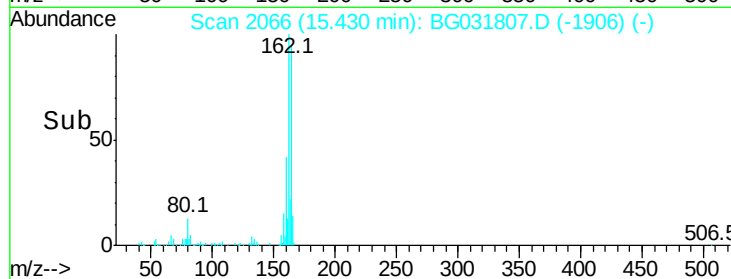
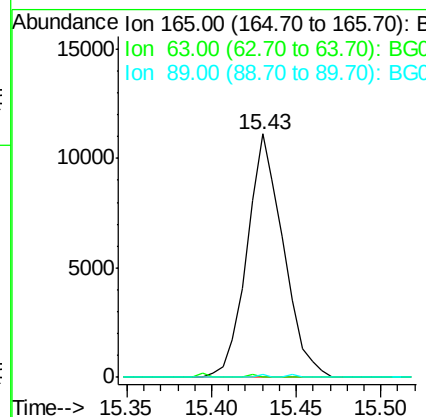
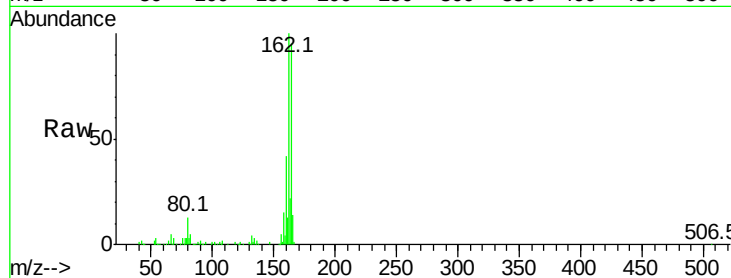




#50
 2,6-Dinitrotoluene
 Concen: 8.099 ng
 RT: 15.43 min Scan# 2066
 Delta R.T. 0.41 min
 Lab File: BG031807.D
 Acq: 27 Dec 2017 21:44

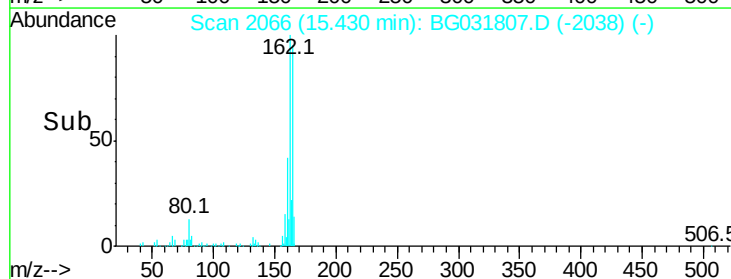
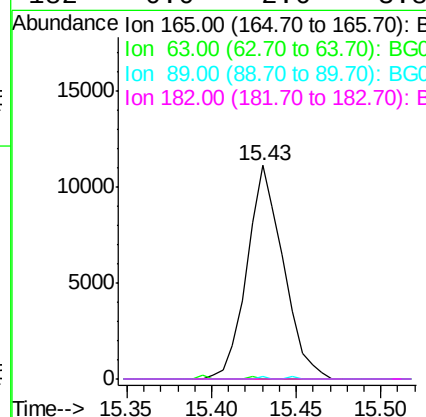
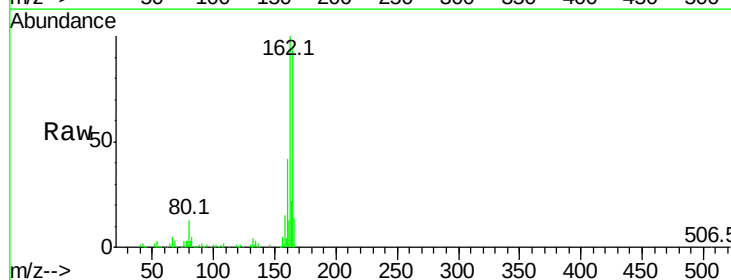
Instrument :
 BNA_G
 ClientSampleId :

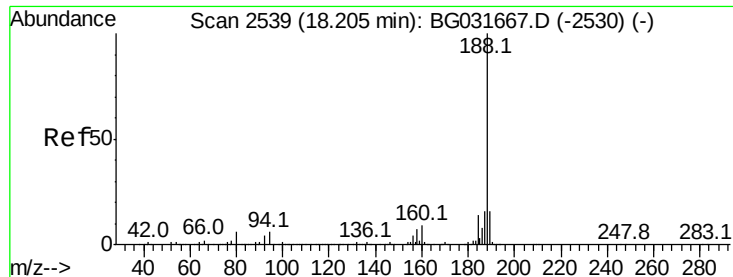
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	1.4	49.2	73.8#



#56
 2,4-Dinitrotoluene
 Concen: 6.299 ng
 RT: 15.43 min Scan# 2066
 Delta R.T. -0.37 min
 Lab File: BG031807.D
 Acq: 27 Dec 2017 21:44

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

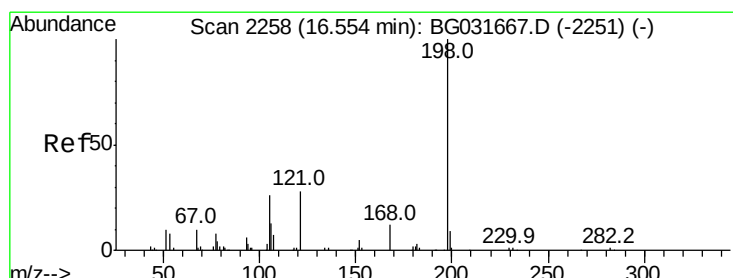
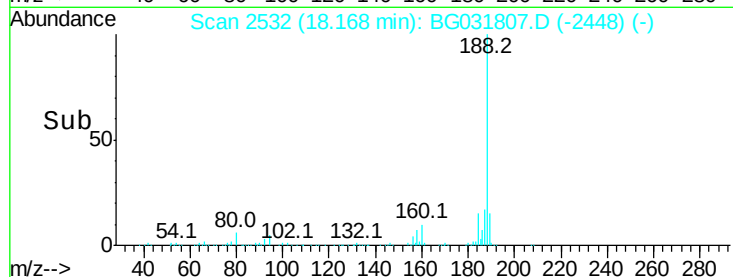
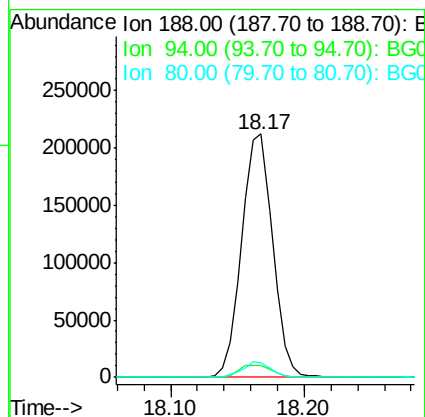
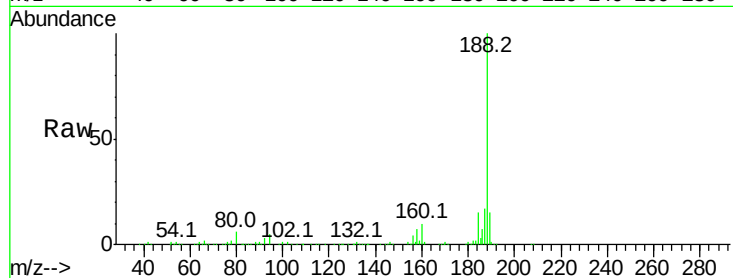




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.17 min Scan# 2532
 Delta R.T. -0.04 min
 Lab File: BG031807.D
 Acq: 27 Dec 2017 21:44

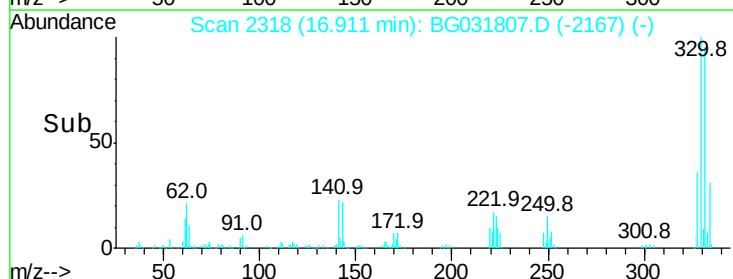
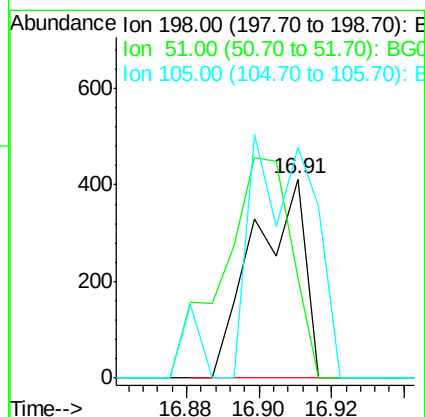
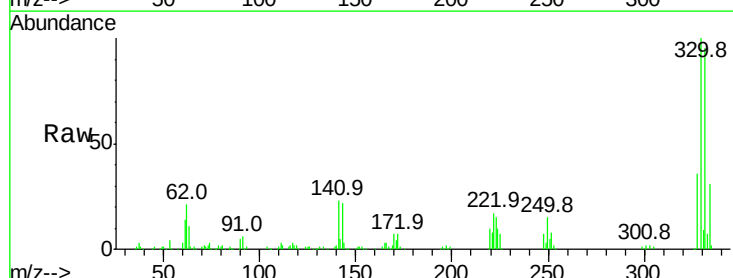
Instrument :
 BNA_G
 ClientSampleId :

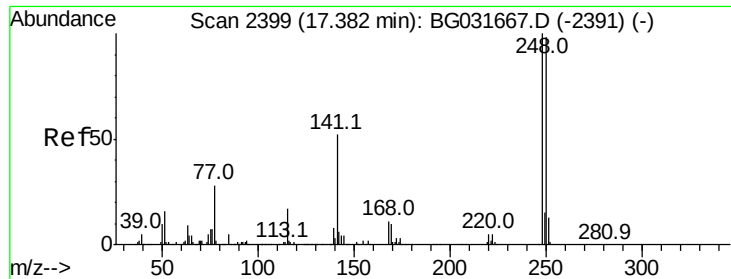
Tot Ion:188 Resp: 340137
 Ion Ratio Lower Upper
 188 100
 94 4.7 6.9 10.3#
 80 6.0 7.7 11.5#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.509 ng
 RT: 16.91 min Scan# 2318
 Delta R.T. 0.36 min
 Lab File: BG031807.D
 Acq: 27 Dec 2017 21:44

Tgt Ion:198 Resp: 407
 Ion Ratio Lower Upper
 198 100
 51 50.5 30.6 70.6
 105 116.0 23.8 63.8#

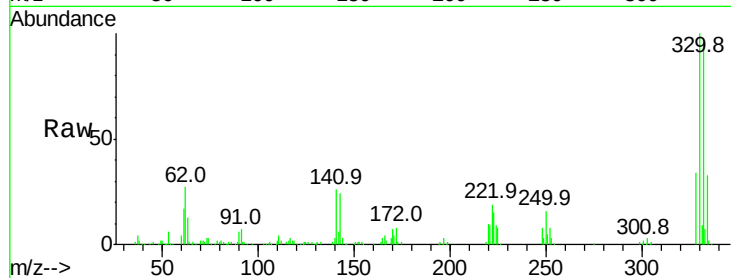




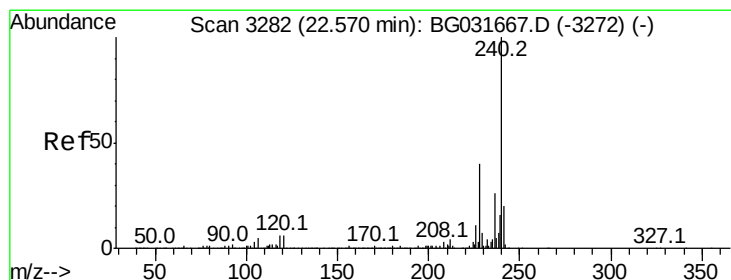
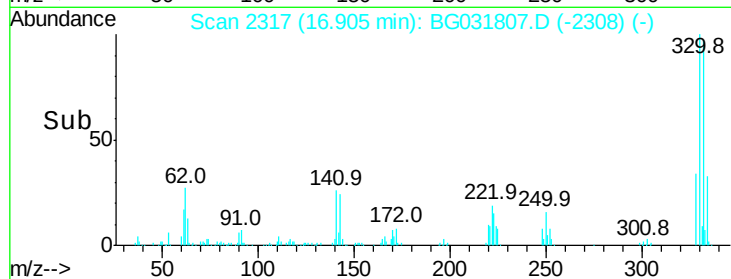
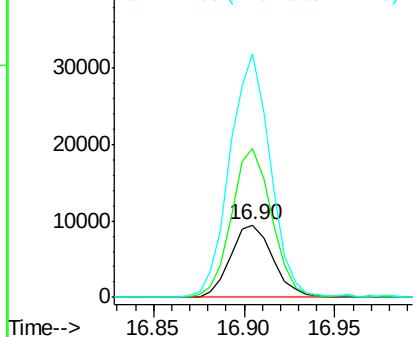
#66
4-Bromophenyl-phenylether
Concen: 3.110 ng
RT: 16.90 min Scan# 2317
Delta R.T. -0.48 min
Lab File: BG031807.D
Acq: 27 Dec 2017 21:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 15299
Ion Ratio Lower Upper
248 100
250 204.6 77.1 115.7#
141 335.4 50.8 76.2#

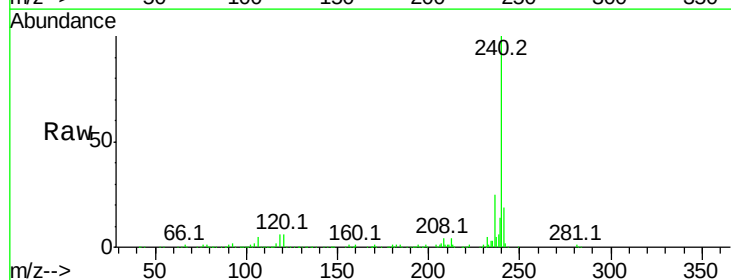


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

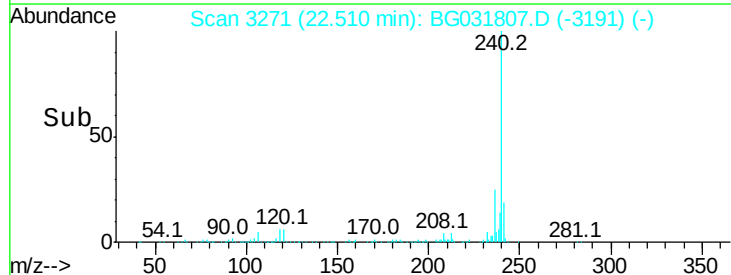
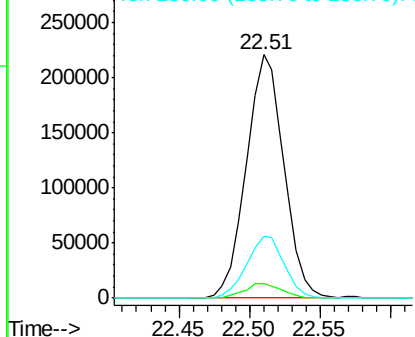


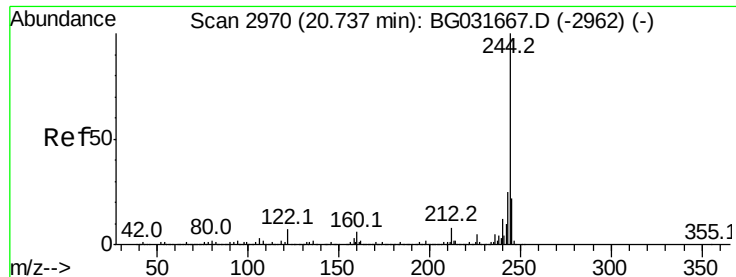
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.51 min Scan# 3271
Delta R.T. -0.06 min
Lab File: BG031807.D
Acq: 27 Dec 2017 21:44

Tgt Ion:240 Resp: 411754
Ion Ratio Lower Upper
240 100
120 6.0 6.8 10.2#
236 25.4 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: 87.677 ng

RT: 20.70 min Scan# 2963

Delta R.T. -0.04 min

Lab File: BG031807.D

Acq: 27 Dec 2017 21:44

Instrument :

BNA_G

ClientSampleId :

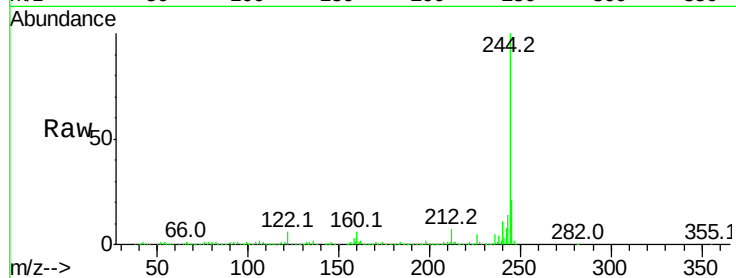
Tot Ion:244 Resp: 1580166

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

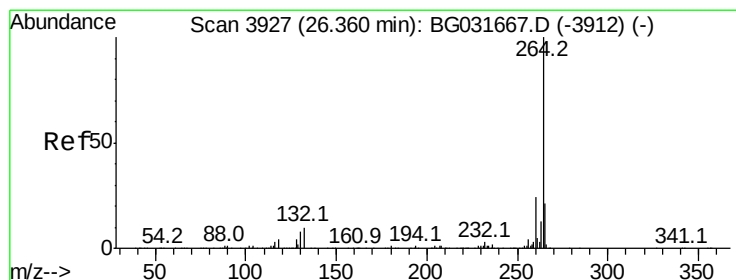
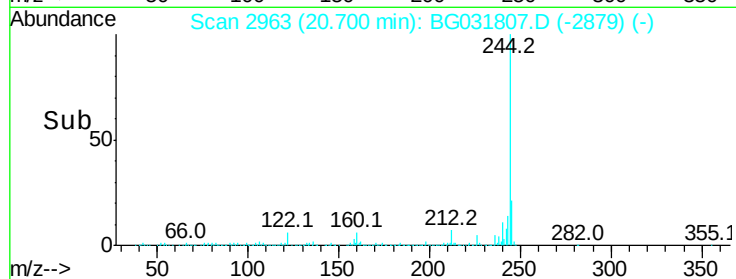
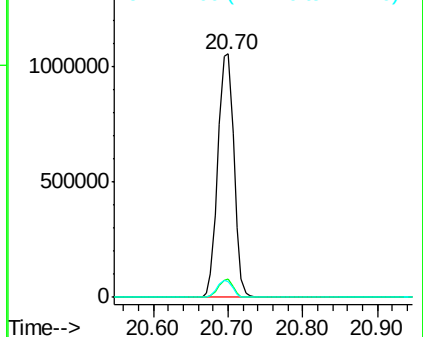
122 6.3 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 26.26 min Scan# 3909

Delta R.T. -0.10 min

Lab File: BG031807.D

Acq: 27 Dec 2017 21:44

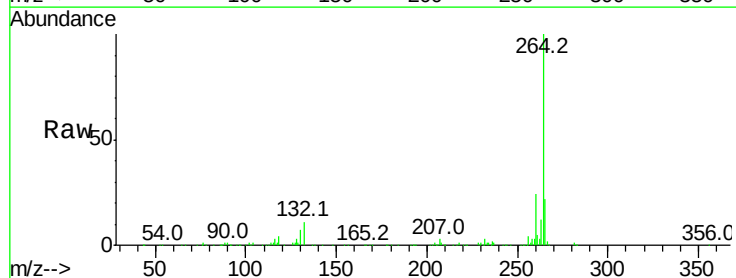
Tgt Ion:264 Resp: 434112

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.0

265 22.5 17.7 26.5



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

