

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122617\
 Data File : BG031790.D
 Acq On : 27 Dec 2017 9:38
 Operator : SJ/JU
 Sample : I7009-08
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 27 10:12:49 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

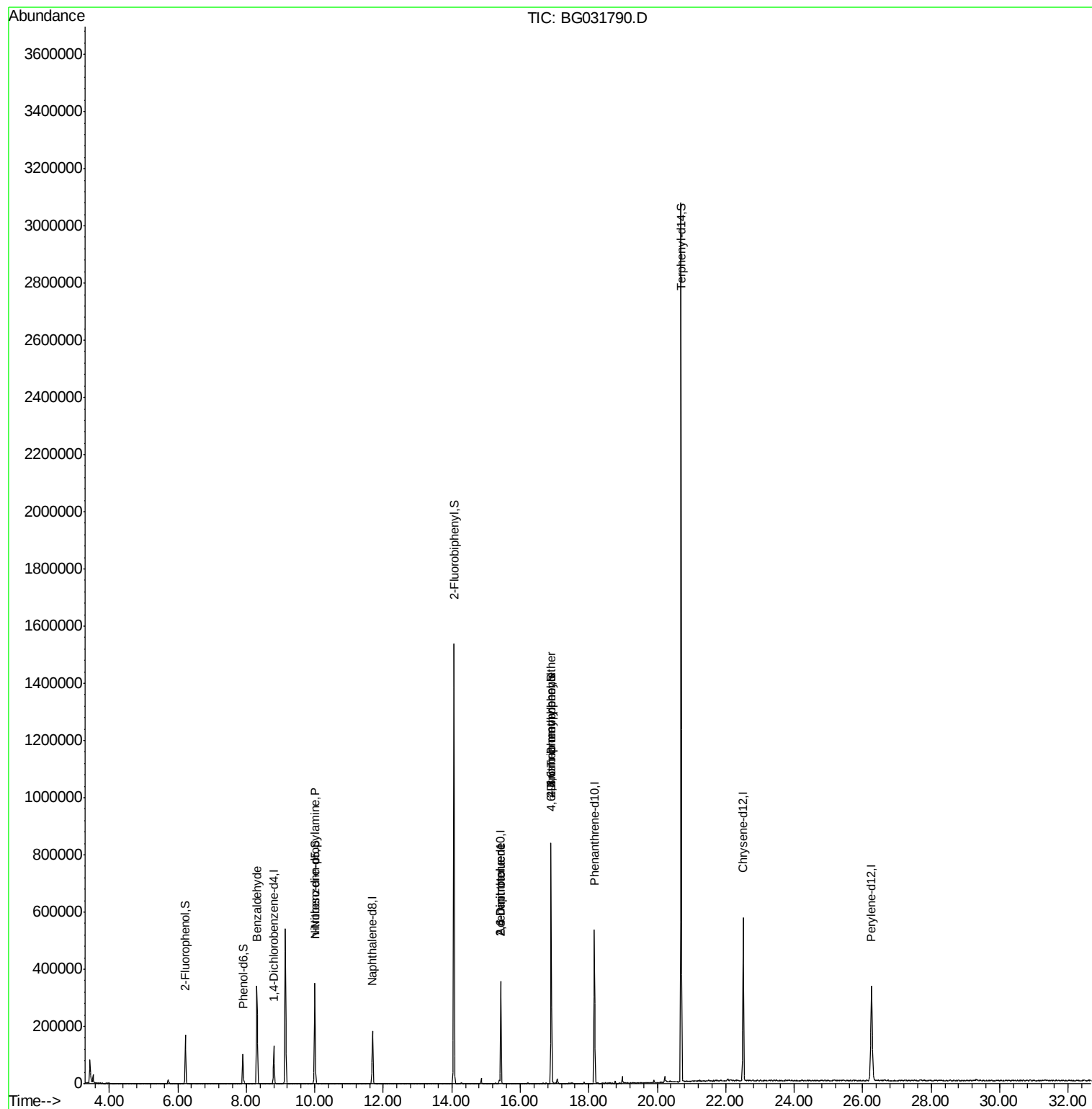
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.81	152	46120	20.00	ng	-0.03
21) Naphthalene-d8	11.69	136	186842	20.00	ng	-0.03
38) Acenaphthene-d10	15.43	164	134062	20.00	ng	-0.03
63) Phenanthrene-d10	18.17	188	368970	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	443395	20.00	ng	-0.06
86) Perylene-d12	26.26	264	476440	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	93217	36.81	ng	-0.03
7) Phenol-d6	7.90	99	74159	22.56	ng	-0.03
23) Nitrobenzene-d5	10.00	82	232607	94.01	ng	-0.03
41) 2,4,6-Tribromophenol	16.90	330	205897	100.65	ng	-0.04
44) 2-Fluorobiphenyl	14.06	172	919882	86.12	ng	-0.03
78) Terphenyl-d14	20.70	244	1687116	86.93	ng	-0.04
Target Compounds						
9) Benzaldehyde	8.32	77	4059	2.050	ng	89
19) n-Nitroso-di-n-propylamine	10.00	70	30737	13.690	ng	# 77
50) 2,6-Dinitrotoluene	15.43	165	17001	7.825	ng	# 21
56) 2,4-Dinitrotoluene	15.43	165	17001	6.085	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.91	198	509	8.540	ng	99
66) 4-Bromophenyl-phenylether	16.91	248	16396	3.073	ng	# 1

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

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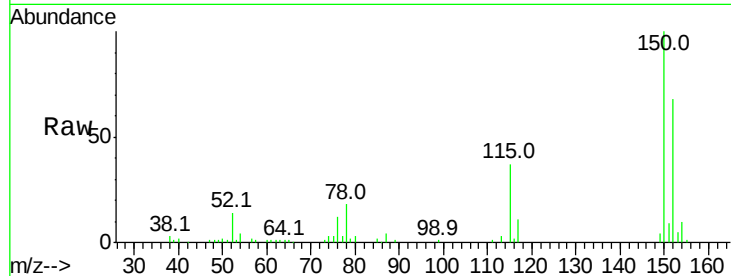


#1

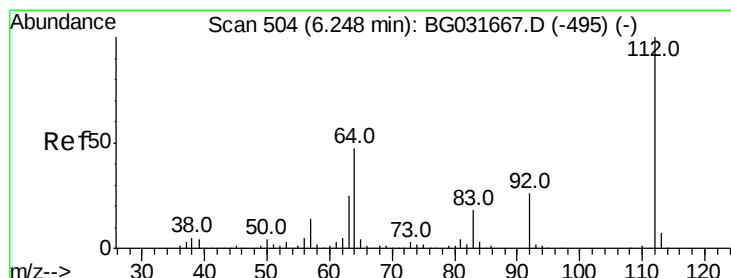
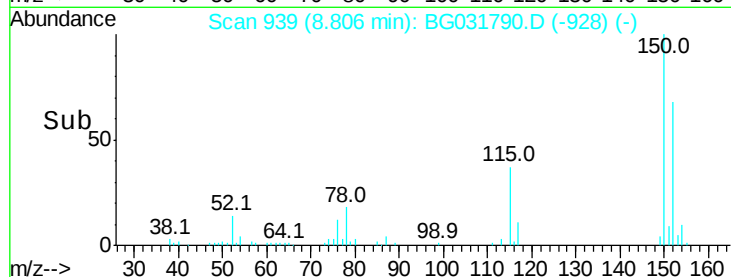
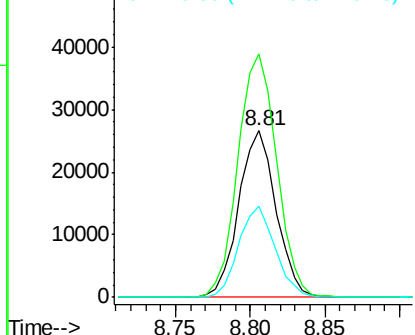
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.81 min Scan# 939
Delta R.T. -0.03 min
Lab File: BG031790.D
Acq: 27 Dec 2017 9:38

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 46120
Ion Ratio Lower Upper
152 100
150 146.5 126.6 189.8
115 54.7 53.0 79.4



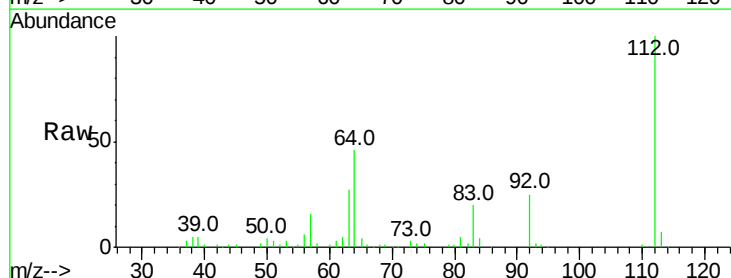
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



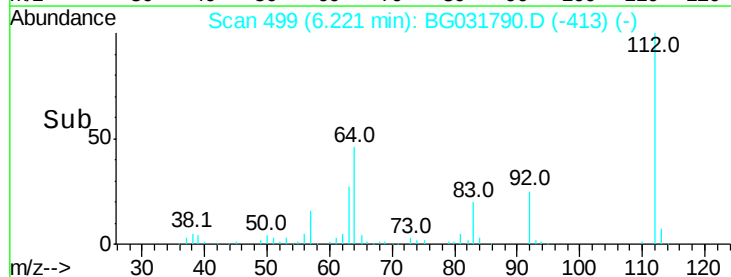
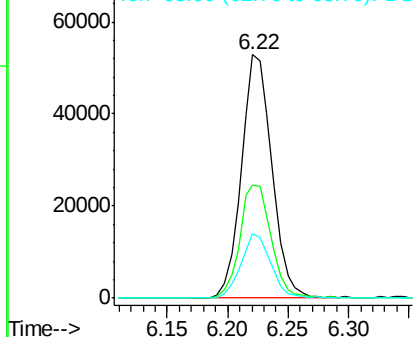
#5

2-Fluorophenol
Concen: 36.814 ng
RT: 6.22 min Scan# 499
Delta R.T. -0.03 min
Lab File: BG031790.D
Acq: 27 Dec 2017 9:38

Tgt Ion:112 Resp: 93217
Ion Ratio Lower Upper
112 100
64 46.2 56.3 84.5#
63 26.5 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: 22.558 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.03 min

Lab File: BG031790.D

Acq: 27 Dec 2017 9:38

Instrument :

BNA_G

ClientSampleId :

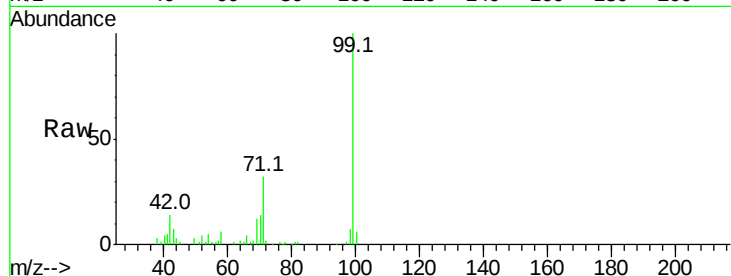
Tot Ion: 99 Resp: 74159

Ion Ratio Lower Upper

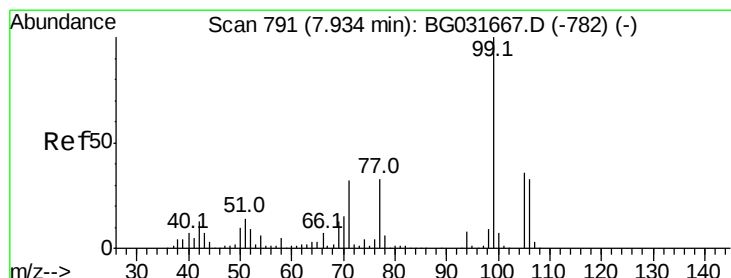
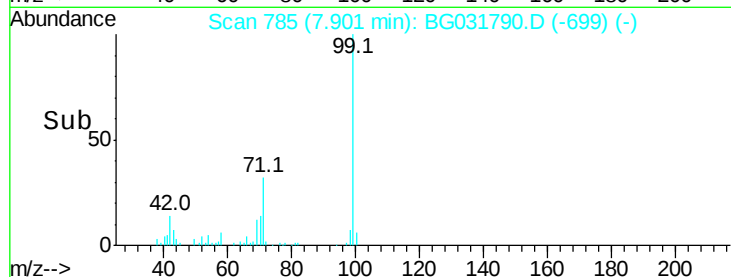
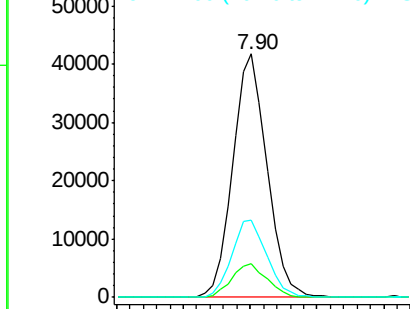
99 100

42 13.9 14.1 21.1#

71 31.9 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: 2.050 ng

RT: 8.32 min Scan# 856

Delta R.T. 0.38 min

Lab File: BG031790.D

Acq: 27 Dec 2017 9:38

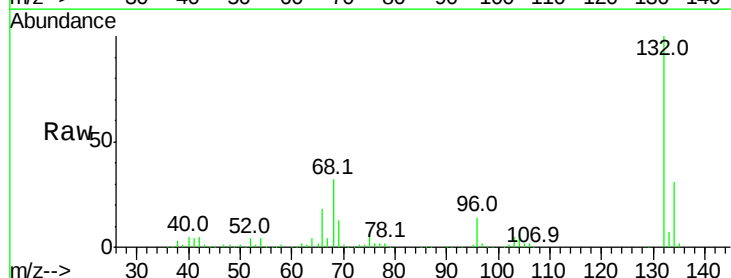
Tgt Ion: 77 Resp: 4059

Ion Ratio Lower Upper

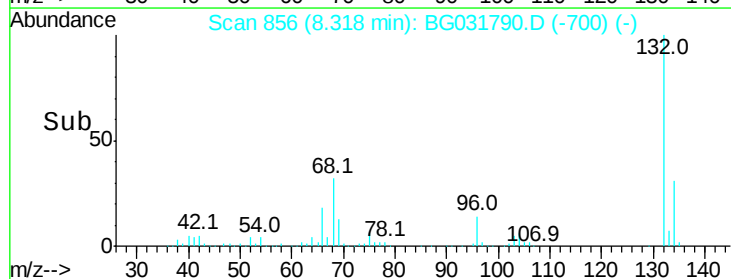
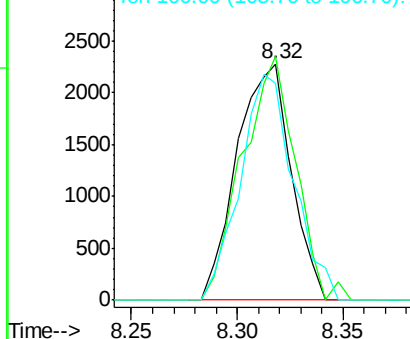
77 100

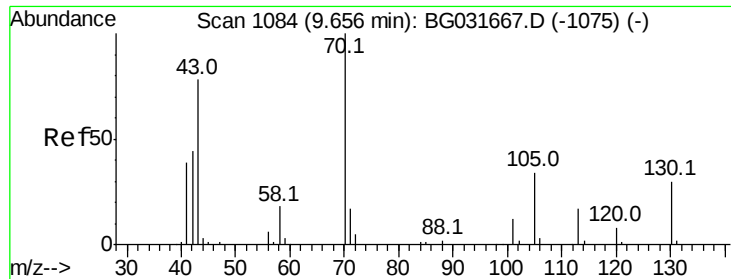
105 103.2 71.3 111.3

106 91.8 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

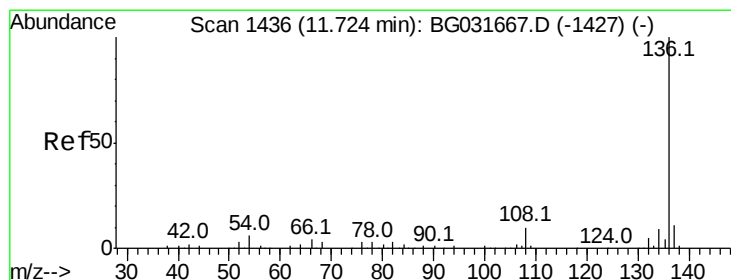
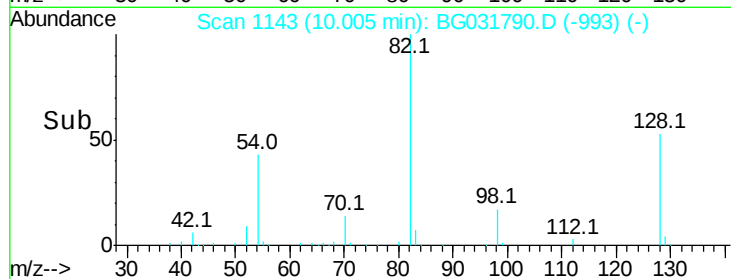
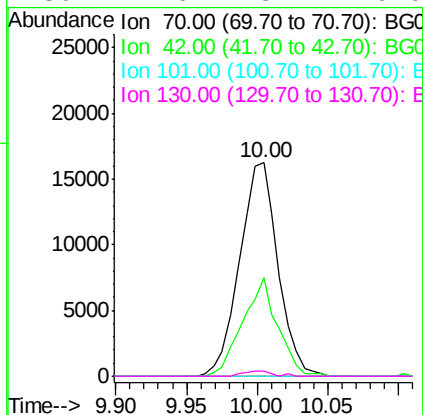
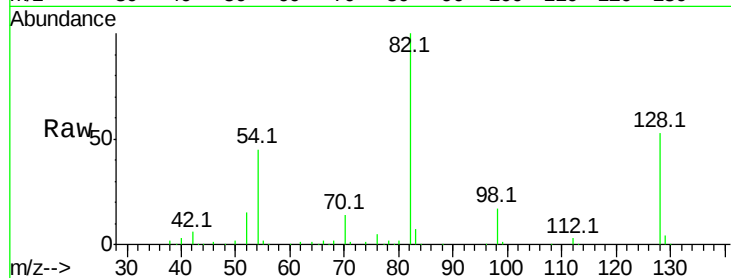




#19
n-Nitroso-di-n-propylamine
Concen: 13.690 ng
RT: 10.00 min Scan# 1143
Delta R.T. 0.35 min
Lab File: BG031790.D
Acq: 27 Dec 2017 9:38

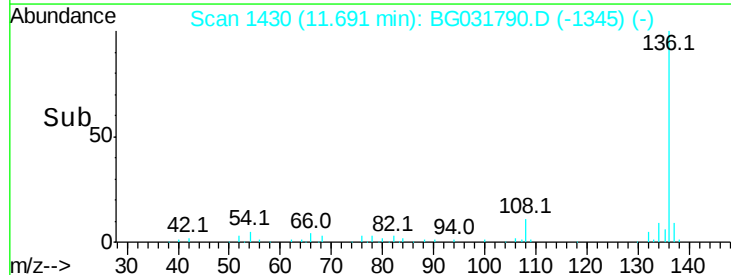
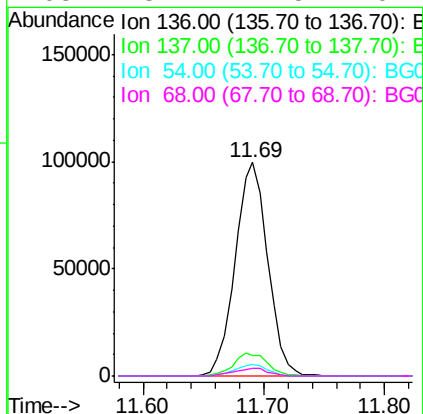
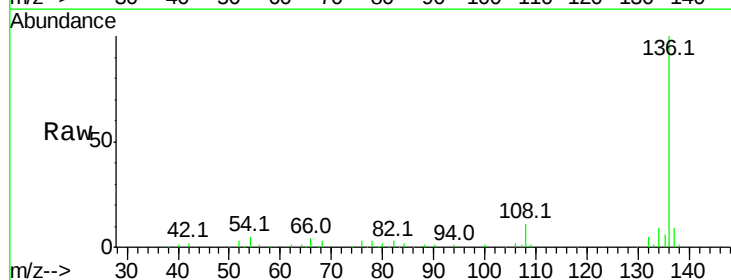
Instrument :
BNA_G
ClientSampleId :

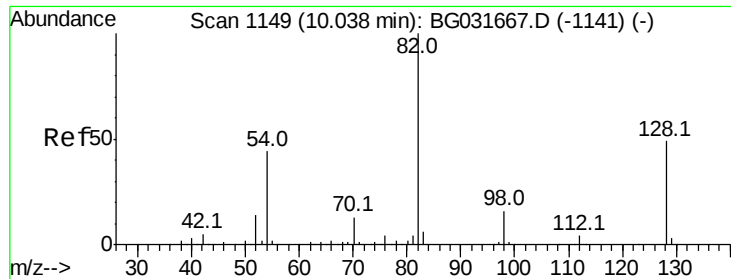
Tot Ion: 70 Resp: 30737
Ion Ratio Lower Upper
70 100
42 46.3 49.1 73.7#
101 0.0 8.5 12.7#
130 2.6 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.69 min Scan# 1430
Delta R.T. -0.03 min
Lab File: BG031790.D
Acq: 27 Dec 2017 9:38

Tgt Ion: 136 Resp: 186842
Ion Ratio Lower Upper
136 100
137 9.5 9.2 13.8
54 5.4 10.3 15.5#
68 3.4 4.5 6.7#

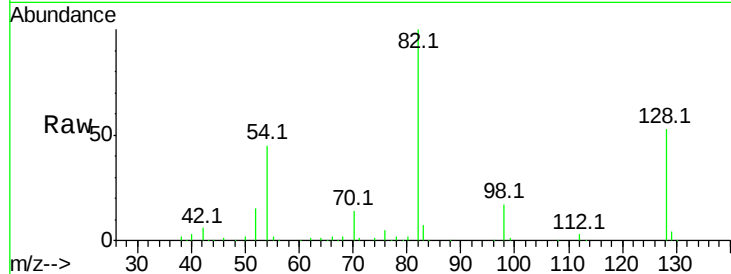




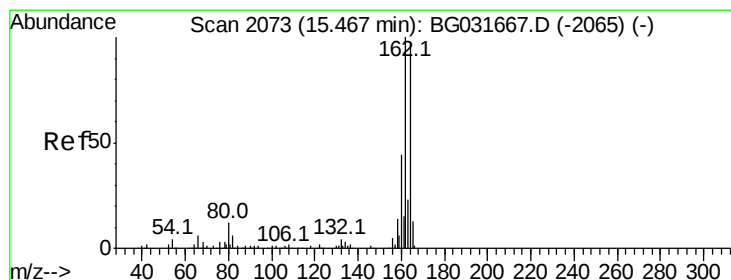
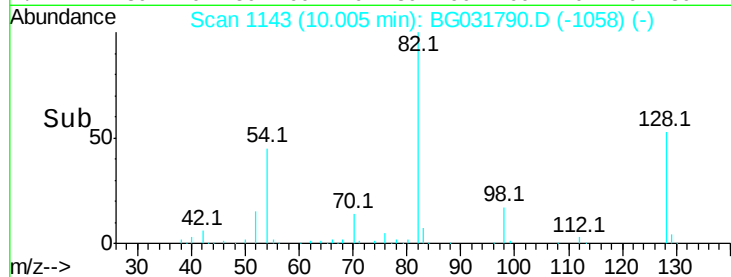
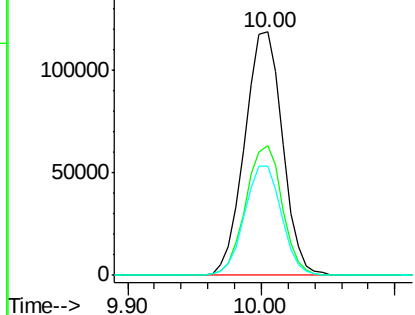
#23
 Nitrobenzene-d5
 Concen: 94.008 ng
 RT: 10.00 min Scan# 1143
 Delta R.T. -0.03 min
 Lab File: BG031790.D
 Acq: 27 Dec 2017 9:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 232607
 Ion Ratio Lower Upper
 82 100
 128 53.5 29.7 44.5#
 54 44.8 43.1 64.7

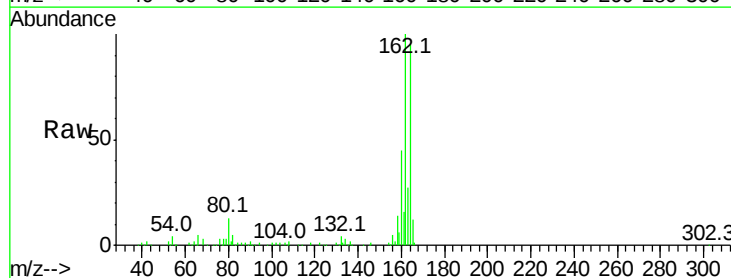


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

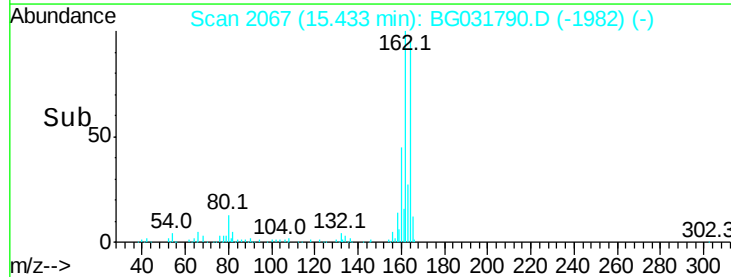
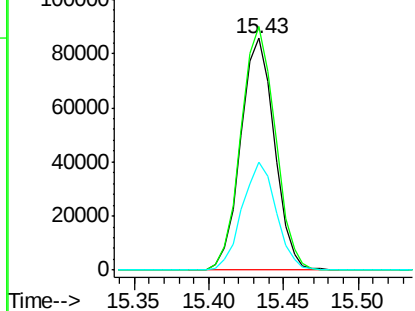


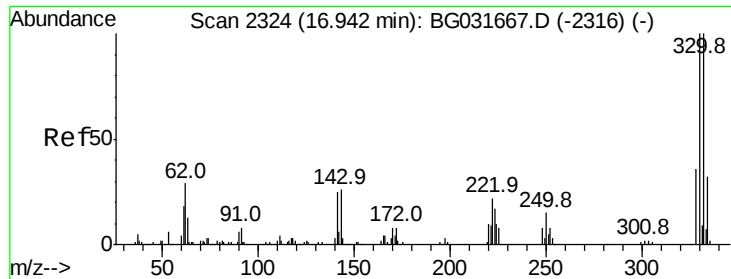
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2067
 Delta R.T. -0.03 min
 Lab File: BG031790.D
 Acq: 27 Dec 2017 9:38

Tgt Ion:164 Resp: 134062
 Ion Ratio Lower Upper
 164 100
 162 105.0 78.8 118.2
 160 46.7 35.4 53.0



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

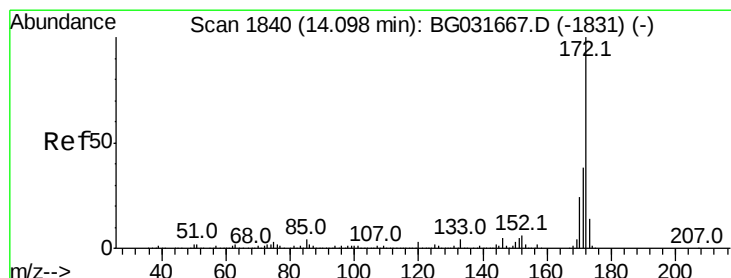
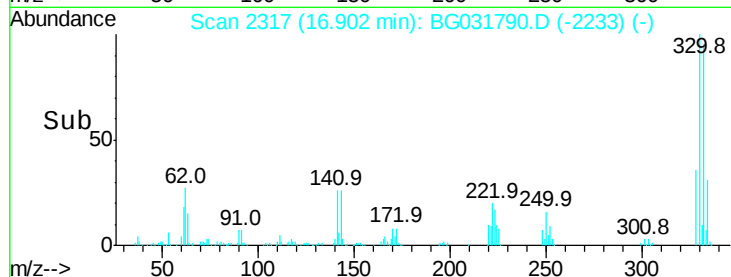
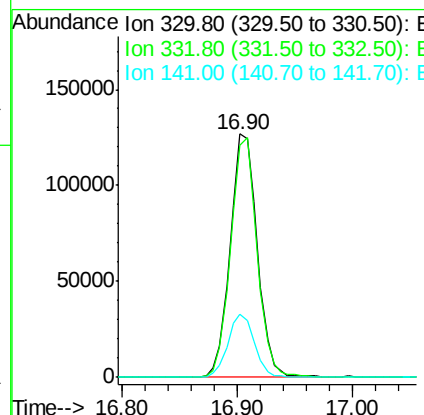
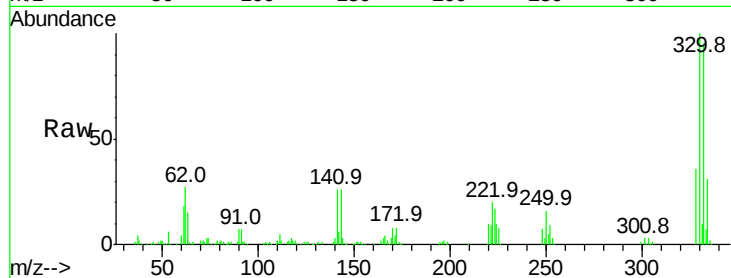




#41
 2,4,6-Tribromophenol
 Concen: 100.654 ng
 RT: 16.90 min Scan# 2317
 Delta R.T. -0.04 min
 Lab File: BG031790.D
 Acq: 27 Dec 2017 9:38

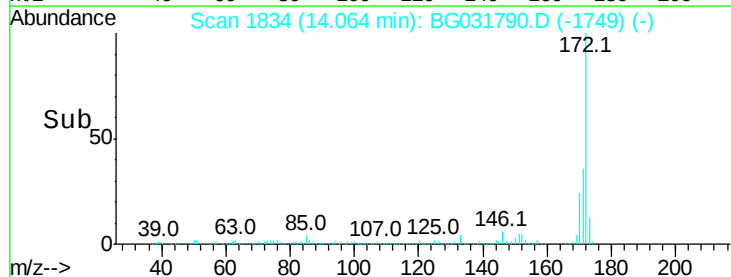
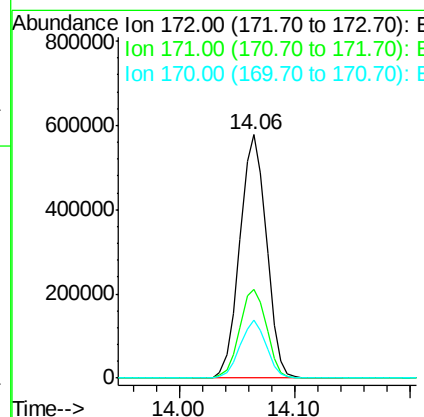
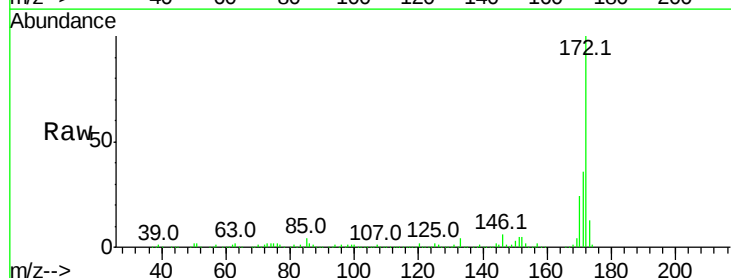
Instrument :
 BNA_G
 ClientSampleId :

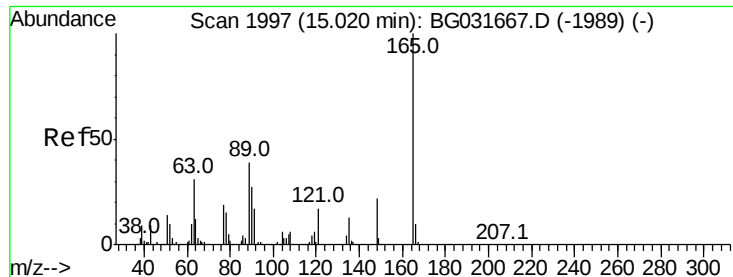
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	25.5	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 86.122 ng
 RT: 14.06 min Scan# 1834
 Delta R.T. -0.03 min
 Lab File: BG031790.D
 Acq: 27 Dec 2017 9:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.0	45.0
170	24.0	19.5	29.3

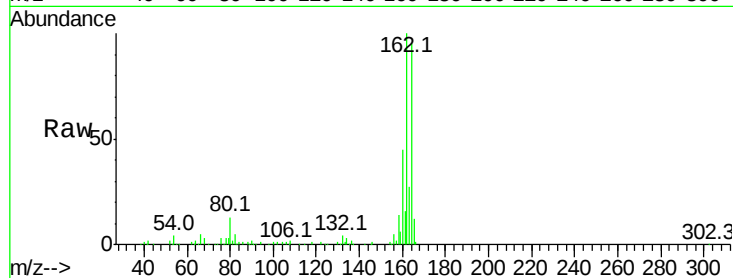




#50
2,6-Dinitrotoluene
Concen: 7.825 ng
RT: 15.43 min Scan# 2067
Delta R.T. 0.41 min
Lab File: BG031790.D
Acq: 27 Dec 2017 9:38

Instrument :
BNA_G
ClientSampled :

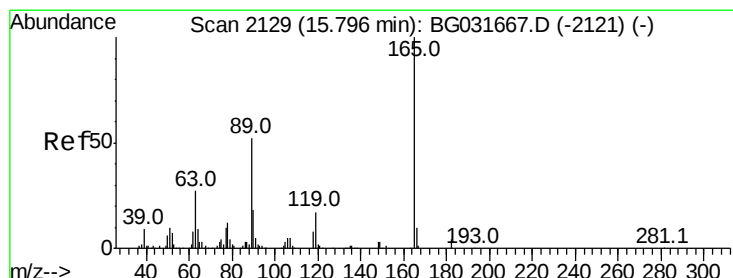
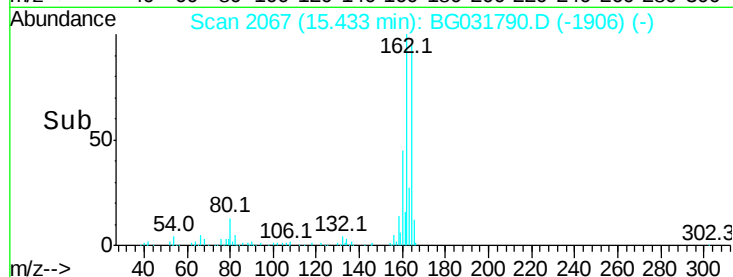
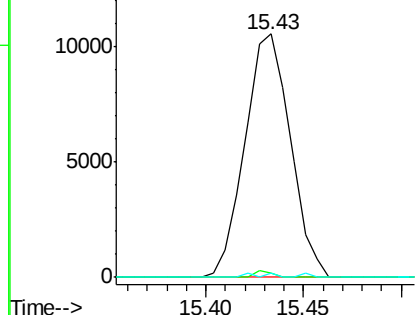
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	52.7	79.1#
89	1.9	49.2	73.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#56
2,4-Dinitrotoluene
Concen: 6.085 ng
RT: 15.43 min Scan# 2067
Delta R.T. -0.36 min
Lab File: BG031790.D
Acq: 27 Dec 2017 9:38

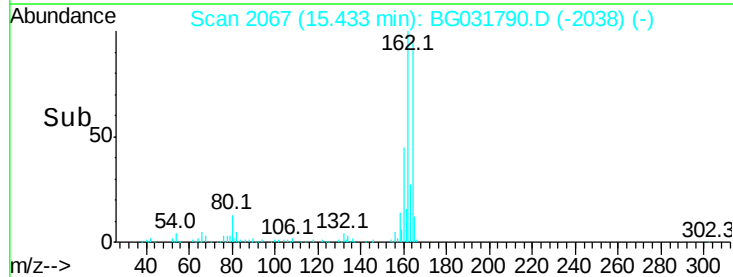
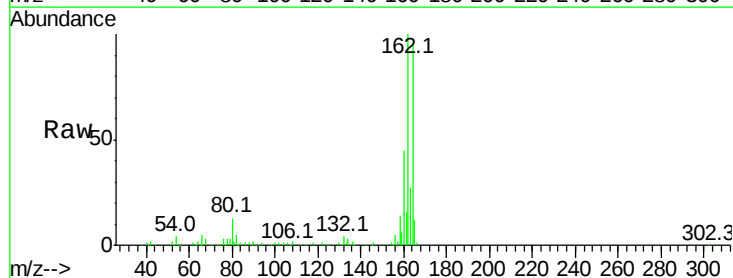
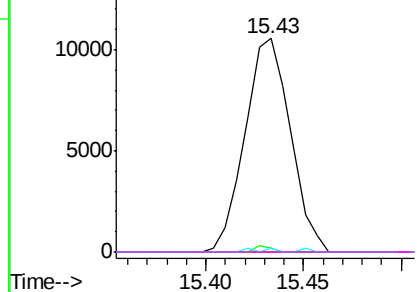
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	42.0	63.0#
89	1.9	66.9	100.3#
182	0.0	2.6	3.8#

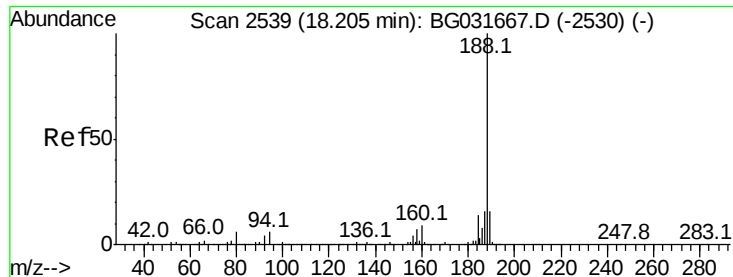
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

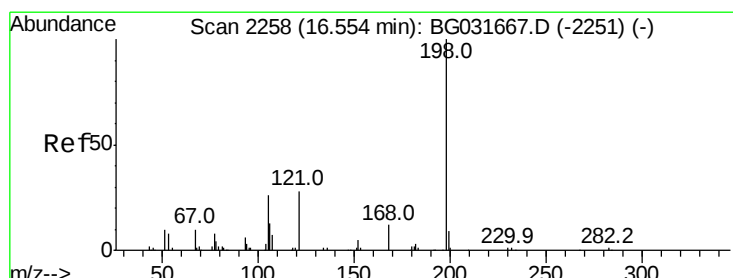
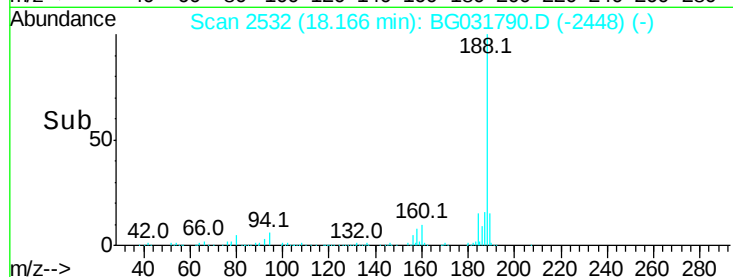
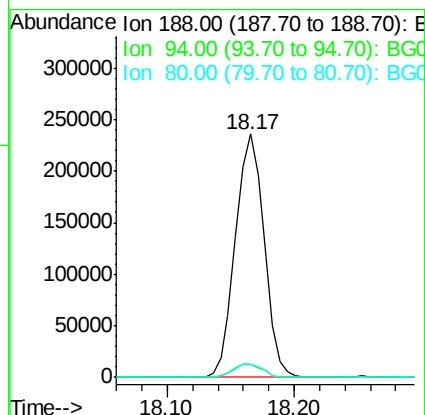
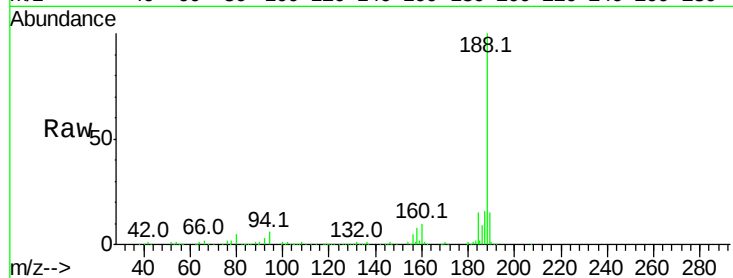




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.17 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BG031790.D
Acq: 27 Dec 2017 9:38

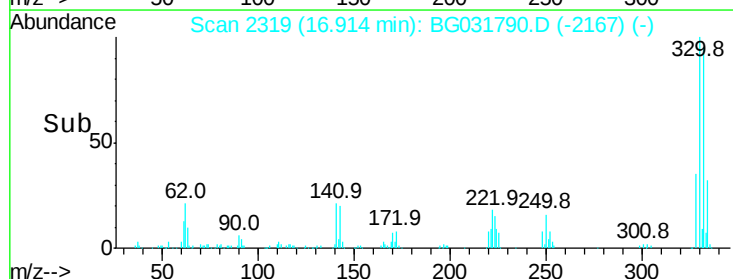
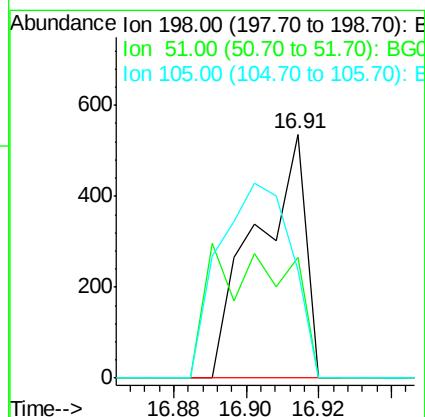
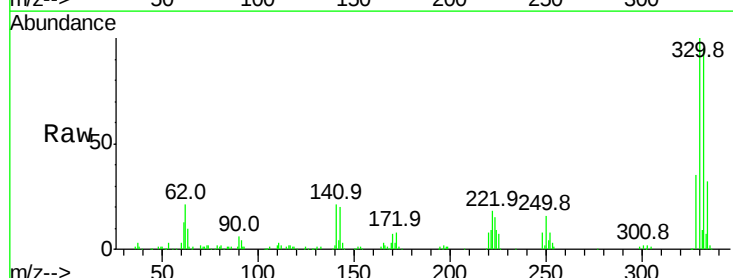
Instrument :
BNA_G
ClientSampleId :

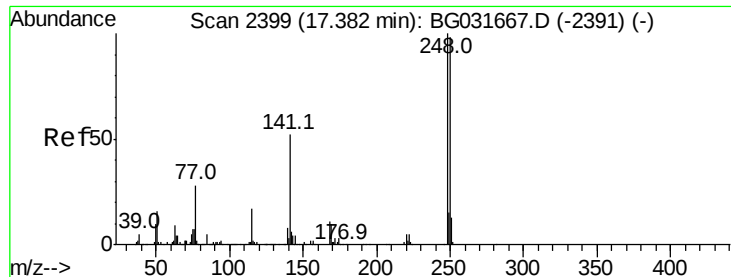
Tot Ion:188 Resp: 368970
Ion Ratio Lower Upper
188 100
94 5.5 6.9 10.3#
80 5.3 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 8.540 ng
RT: 16.91 min Scan# 2319
Delta R.T. 0.36 min
Lab File: BG031790.D
Acq: 27 Dec 2017 9:38

Tgt Ion:198 Resp: 509
Ion Ratio Lower Upper
198 100
51 49.6 30.6 70.6
105 44.4 23.8 63.8

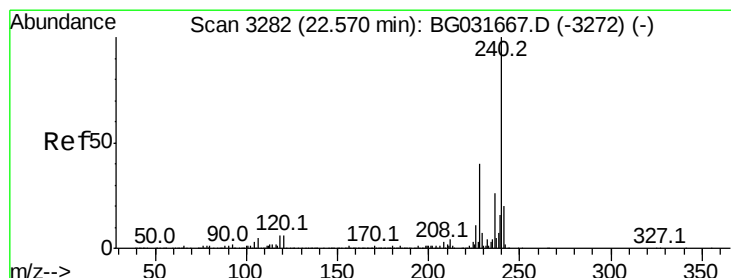
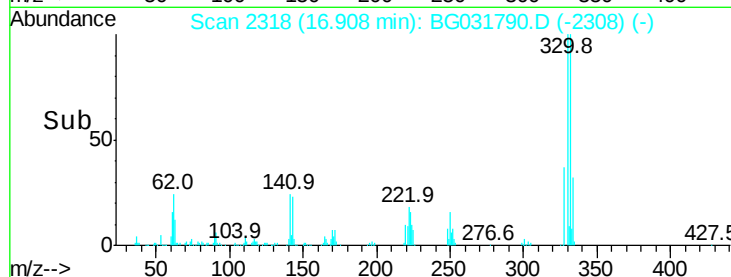
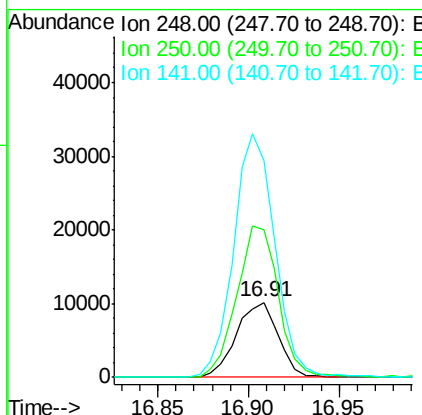
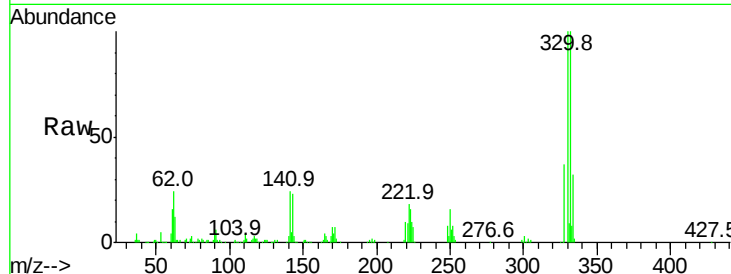




#66
4-Bromophenyl-phenylether
Concen: 3.073 ng
RT: 16.91 min Scan# 2318
Delta R.T. -0.47 min
Lab File: BG031790.D
Acq: 27 Dec 2017 9:38

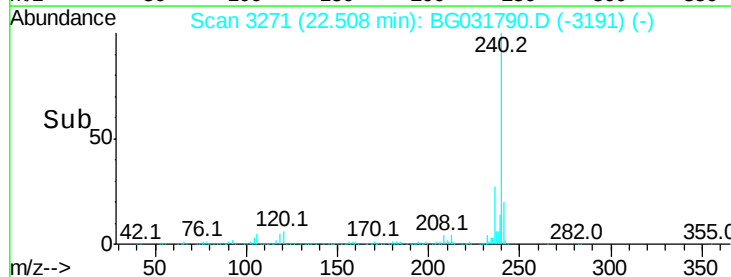
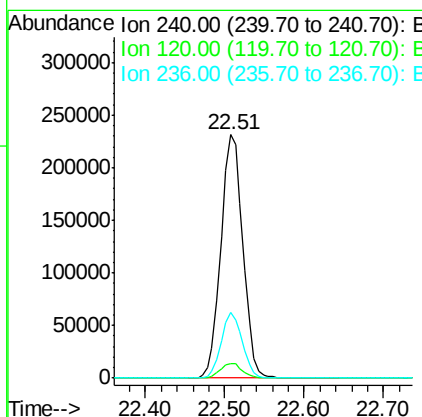
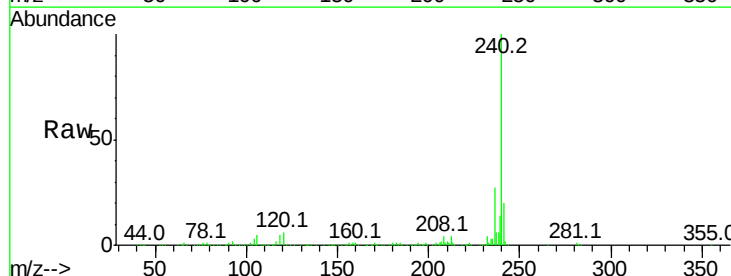
Instrument :
BNA_G
ClientSampled :

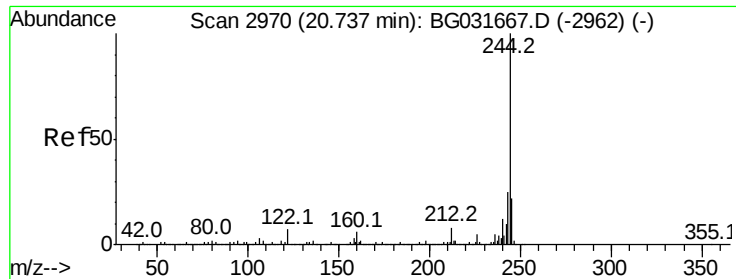
Tot Ion:248 Resp: 16396
Ion Ratio Lower Upper
248 100
250 197.5 77.1 115.7#
141 290.4 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.51 min Scan# 3271
Delta R.T. -0.06 min
Lab File: BG031790.D
Acq: 27 Dec 2017 9:38

Tgt Ion:240 Resp: 443395
Ion Ratio Lower Upper
240 100
120 5.9 6.8 10.2#
236 26.9 20.9 31.3





#78

Terphenyl-d14

Concen: 86.931 ng

RT: 20.70 min Scan# 2963

Delta R.T. -0.04 min

Lab File: BG031790.D

Acq: 27 Dec 2017 9:38

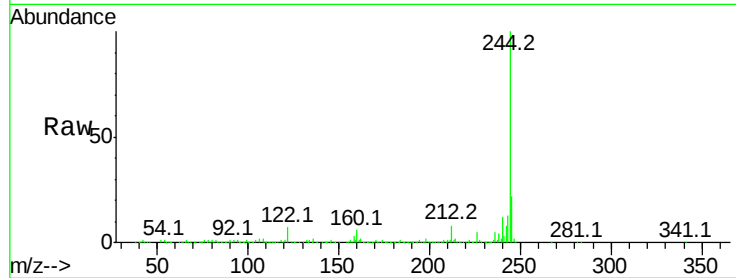
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1687116

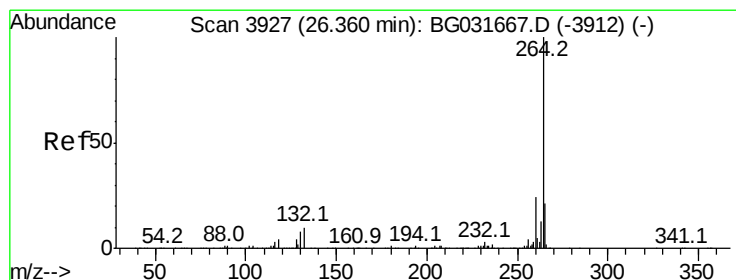
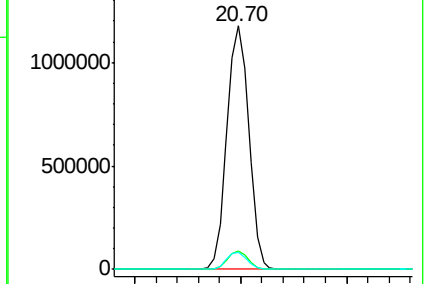
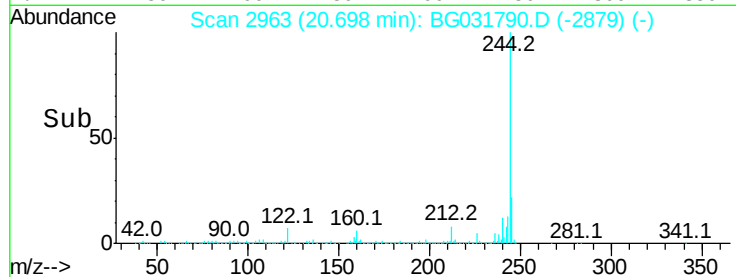
Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	7.0	7.0	10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 26.26 min Scan# 3909

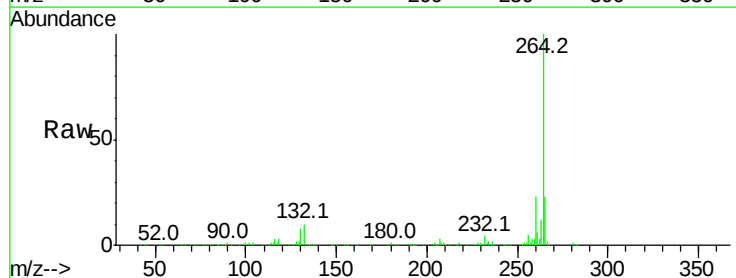
Delta R.T. -0.10 min

Lab File: BG031790.D

Acq: 27 Dec 2017 9:38

Tgt Ion:264 Resp: 476440

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	23.1	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

