

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122617\
 Data File : BG031770.D
 Acq On : 26 Dec 2017 20:23
 Operator : SJ/JU
 Sample : I7061-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEC-COMP1

Quant Time: Dec 27 00:26:34 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

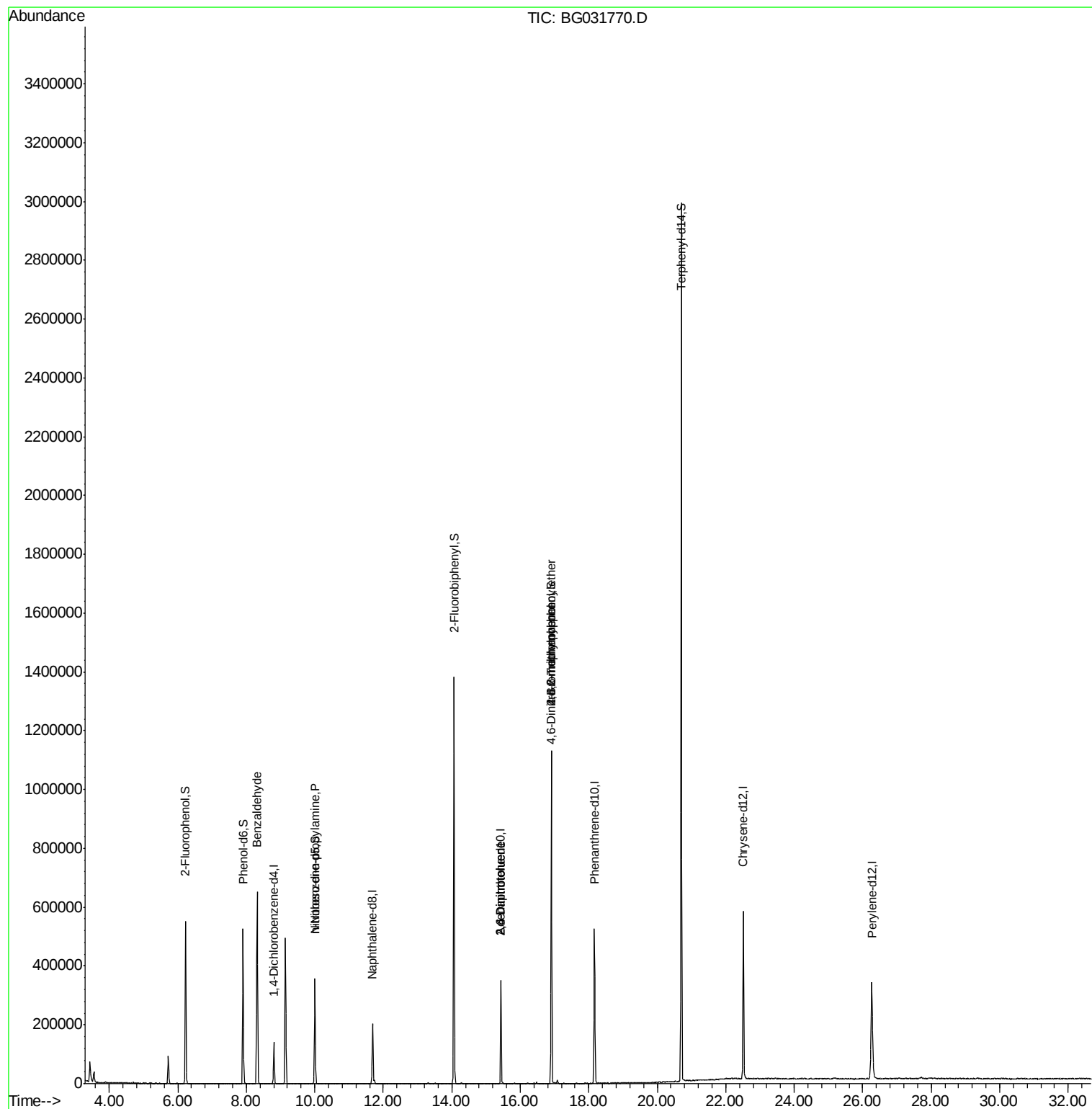
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.81	152	49606	20.00	ng	-0.03
21) Naphthalene-d8	11.69	136	203708	20.00	ng	-0.03
38) Acenaphthene-d10	15.43	164	140615	20.00	ng	-0.03
63) Phenanthrene-d10	18.16	188	372115	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	441405	20.00	ng	-0.06
86) Perylene-d12	26.26	264	468137	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	313506	115.11	ng	-0.02
7) Phenol-d6	7.91	99	367818	104.02	ng	-0.02
23) Nitrobenzene-d5	10.00	82	229545	85.09	ng	-0.03
41) 2,4,6-Tribromophenol	16.91	330	279097	130.08	ng	-0.03
44) 2-Fluorobiphenyl	14.06	172	849135	75.79	ng	-0.03
78) Terphenyl-d14	20.70	244	1683335	87.13	ng	-0.03
Target Compounds						
9) Benzaldehyde	8.32	77	8203	3.85	ng	Qvalue 91
19) n-Nitroso-di-n-propylamine	10.00	70	31306	12.96	ng	# 73
50) 2,6-Dinitrotoluene	15.43	165	17449	7.66	ng	# 19
56) 2,4-Dinitrotoluene	15.43	165	17449	5.95	ng	# 17
64) 4,6-Dinitro-2-methylphenol	16.90	198	565	8.56	ng	# 64
66) 4-Bromophenyl-phenylether	16.91	248	22251	4.14	ng	# 1

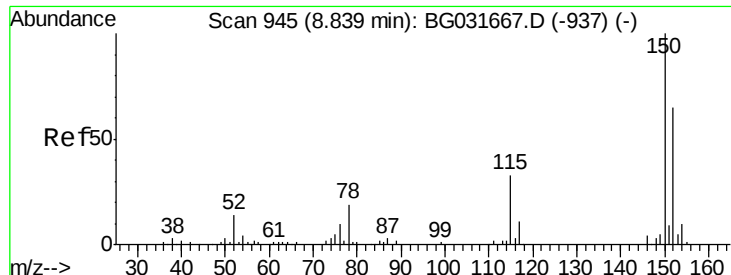
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 27 00:26:34 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: 20.00 ng

RT: 8.81 min Scan# 939

Delta R.T. -0.03 min

Lab File: BG031770.D

Acq: 26 Dec 2017 20:23

Instrument :

BNA_G

ClientSampleId :

TEC-COMP1

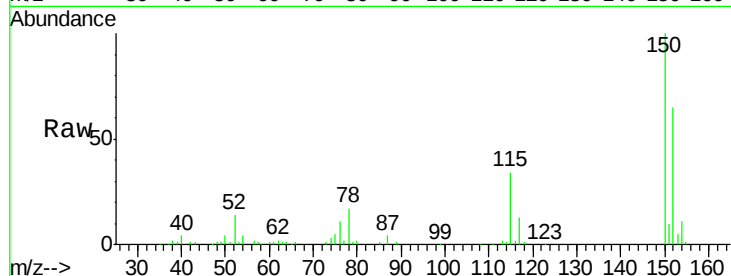
Tot Ion:152 Resp: 49606

Ion Ratio Lower Upper

152 100

150 154.8 126.6 189.8

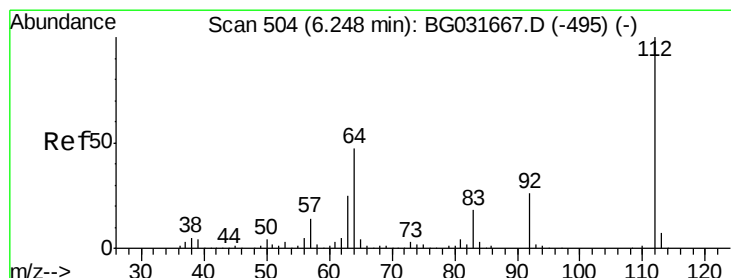
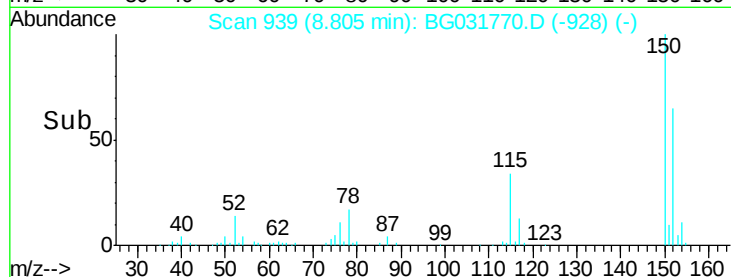
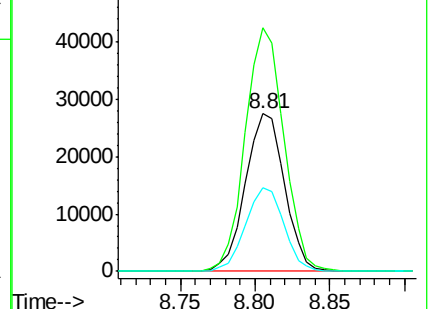
115 53.0 53.0 79.4



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: 115.11 ng

RT: 6.23 min Scan# 500

Delta R.T. -0.02 min

Lab File: BG031770.D

Acq: 26 Dec 2017 20:23

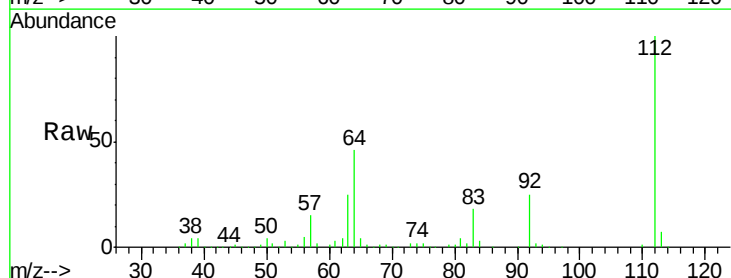
Tgt Ion:112 Resp: 313506

Ion Ratio Lower Upper

112 100

64 46.5 56.3 84.5#

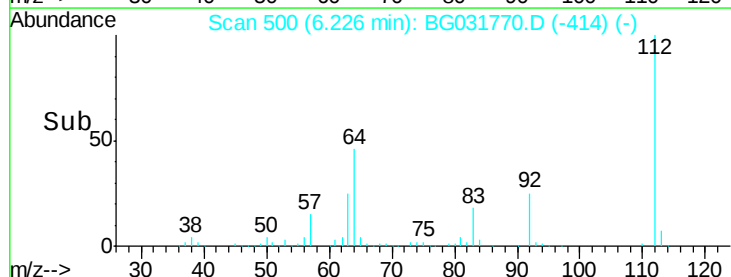
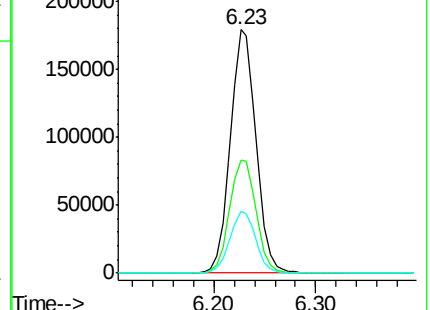
63 25.2 30.1 45.1#

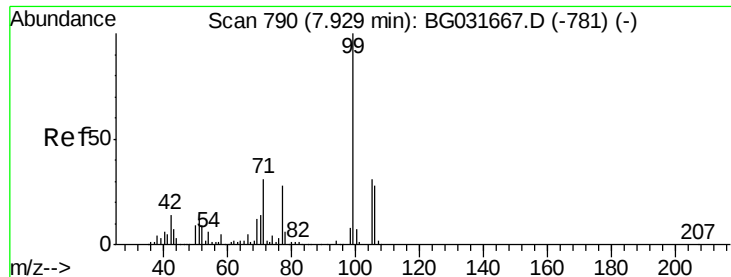


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 104.02 ng

RT: 7.91 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG031770.D

Acq: 26 Dec 2017 20:23

Instrument :

BNA_G

ClientSampleId :

TEC-COMP1

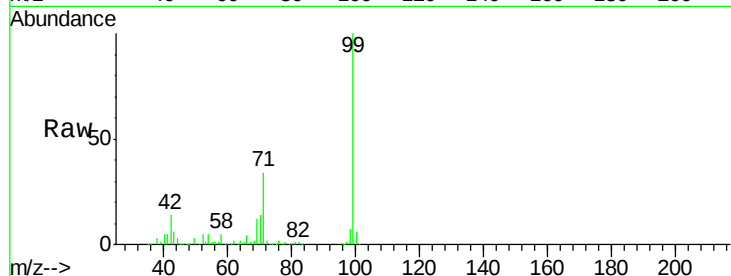
Tot Ion: 99 Resp: 367818

Ion Ratio Lower Upper

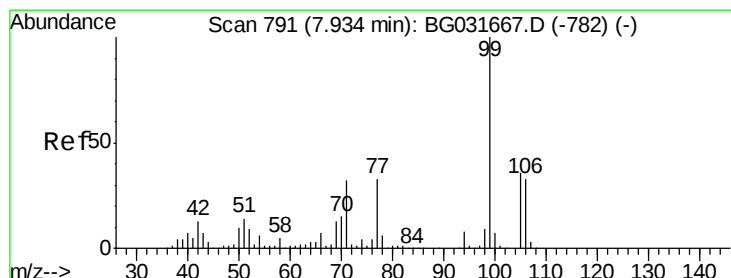
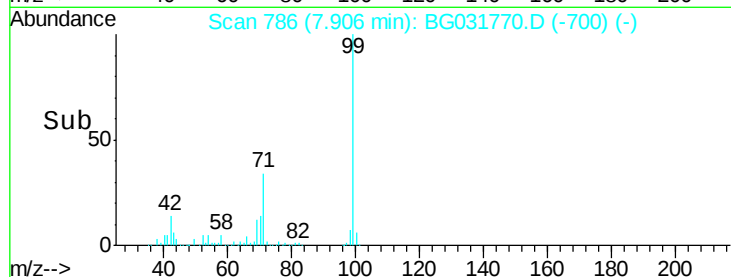
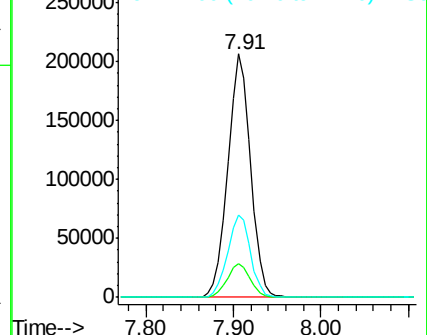
99 100

42 14.0 14.1 21.1#

71 33.9 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: 3.85 ng

RT: 8.32 min Scan# 856

Delta R.T. 0.38 min

Lab File: BG031770.D

Acq: 26 Dec 2017 20:23

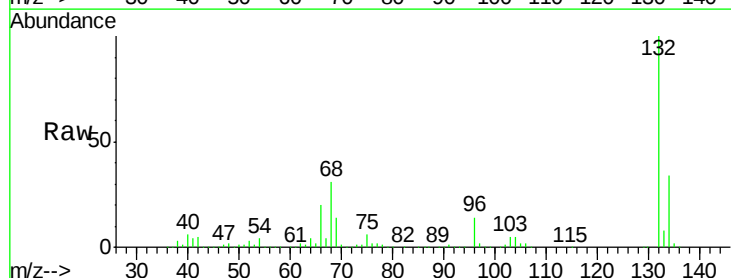
Tgt Ion: 77 Resp: 8203

Ion Ratio Lower Upper

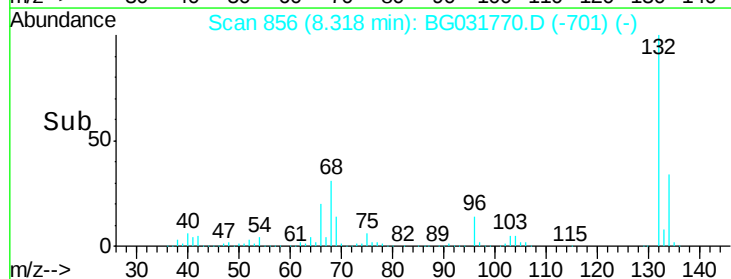
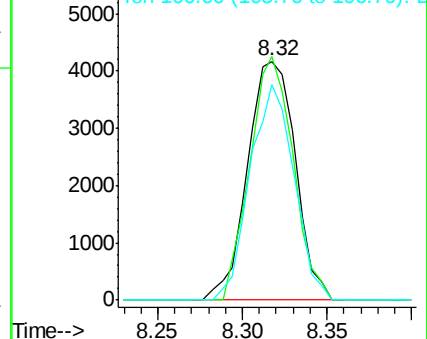
77 100

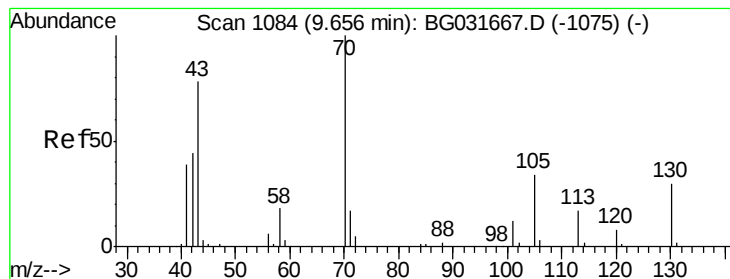
105 101.9 71.3 111.3

106 90.3 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: 12.96 ng

RT: 10.00 min Scan# 1143

Delta R.T. 0.35 min

Lab File: BG031770.D

Acq: 26 Dec 2017 20:23

Instrument :

BNA_G

ClientSampleId :

TEC-COMP1

Tot Ion: 70 Resp: 31306

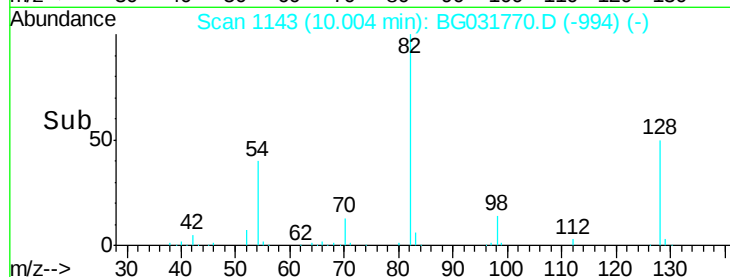
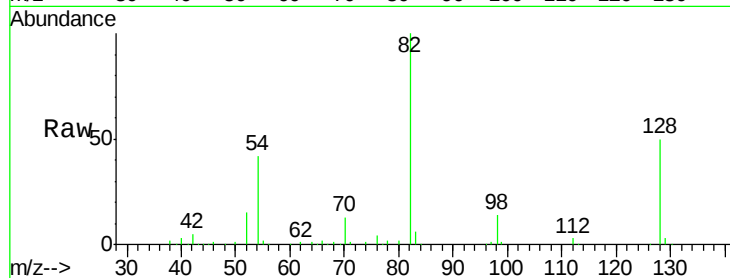
Ion Ratio Lower Upper

70 100

42 41.5 49.1 73.7#

101 0.0 8.5 12.7#

130 3.7 13.4 20.0#

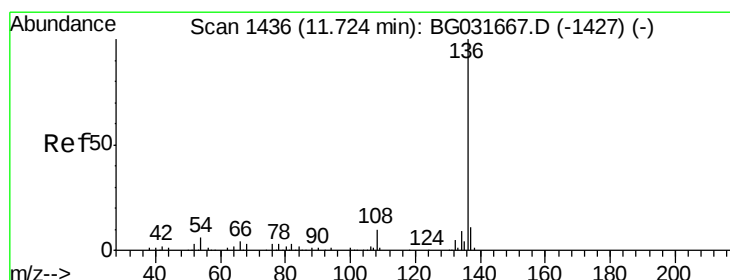
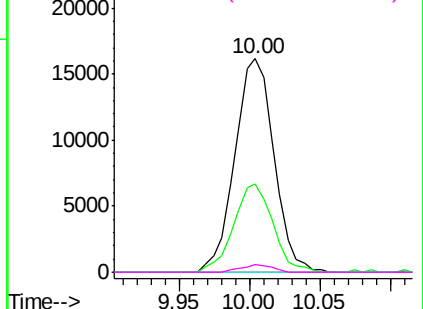


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 20.00 ng

RT: 11.69 min Scan# 1430

Delta R.T. -0.03 min

Lab File: BG031770.D

Acq: 26 Dec 2017 20:23

Tgt Ion: 136 Resp: 203708

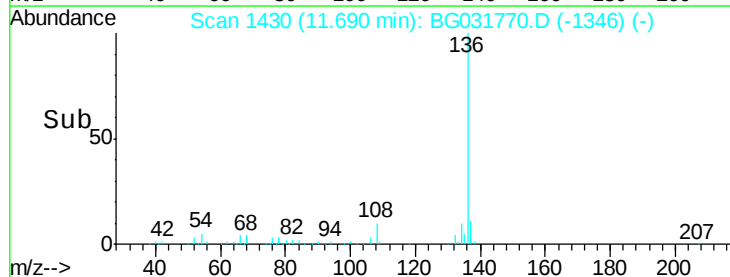
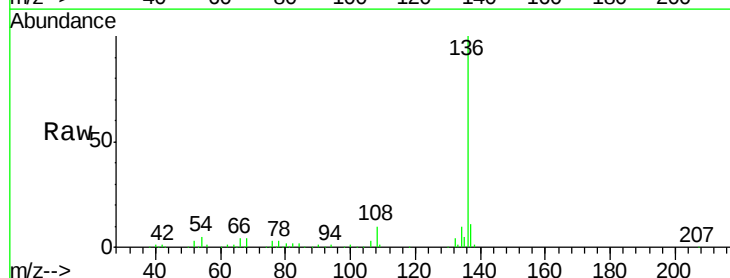
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 4.9 10.3 15.5#

68 3.7 4.5 6.7#

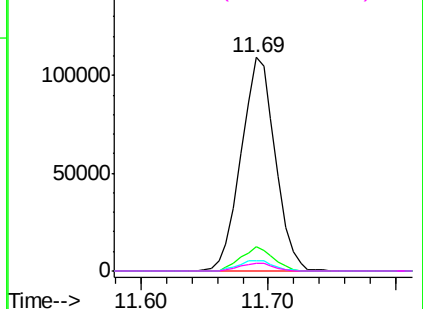


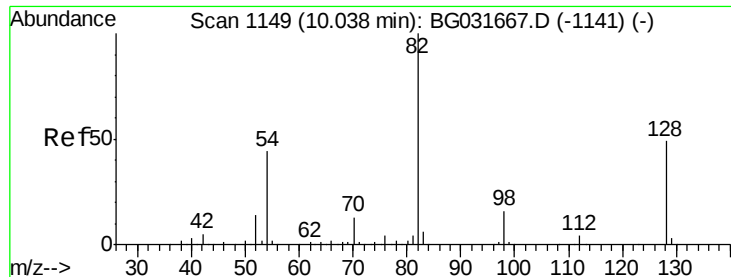
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

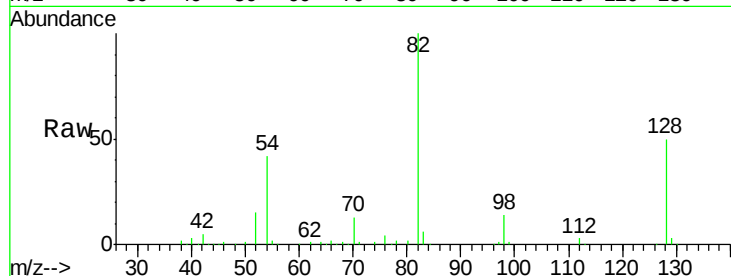




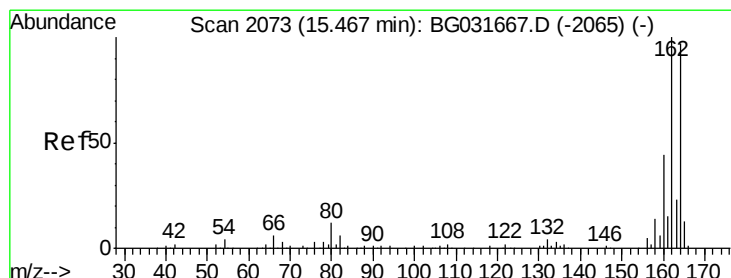
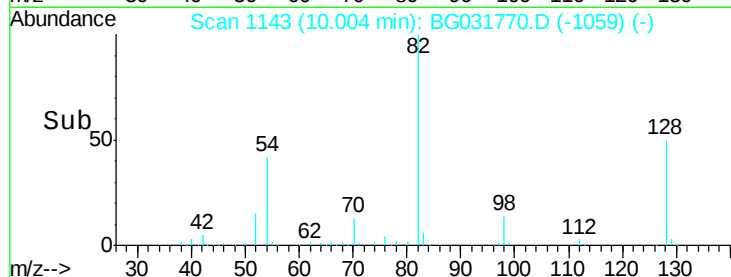
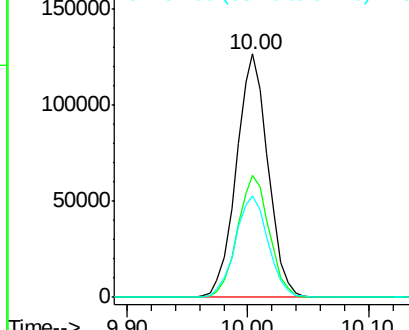
#23
Nitrobenzene-d5
Concen: 85.09 ng
RT: 10.00 min Scan# 1143
Delta R.T. -0.03 min
Lab File: BG031770.D
Acq: 26 Dec 2017 20:23

Instrument :
BNA_G
ClientSampleId :
TEC-COMP1

Tot Ion: 82 Resp: 229545
Ion Ratio Lower Upper
82 100
128 50.3 29.7 44.5#
54 41.8 43.1 64.7#

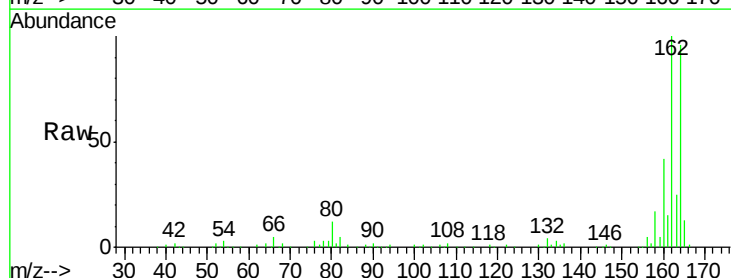


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

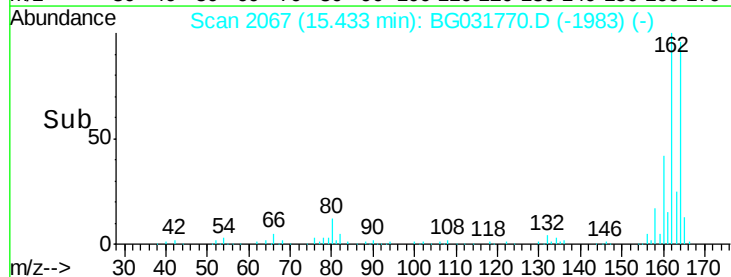
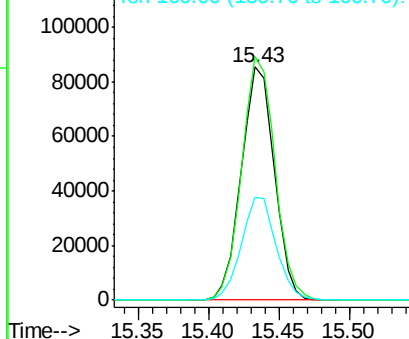


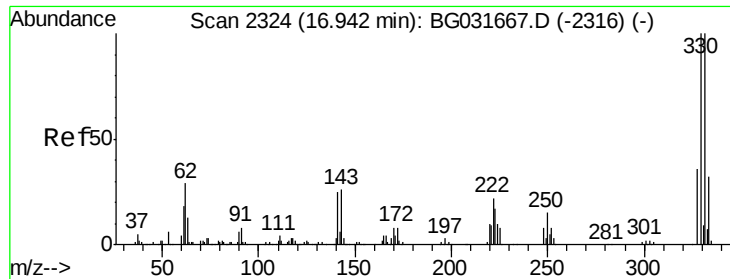
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.43 min Scan# 2067
Delta R.T. -0.03 min
Lab File: BG031770.D
Acq: 26 Dec 2017 20:23

Tgt Ion:164 Resp: 140615
Ion Ratio Lower Upper
164 100
162 104.6 78.8 118.2
160 44.0 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

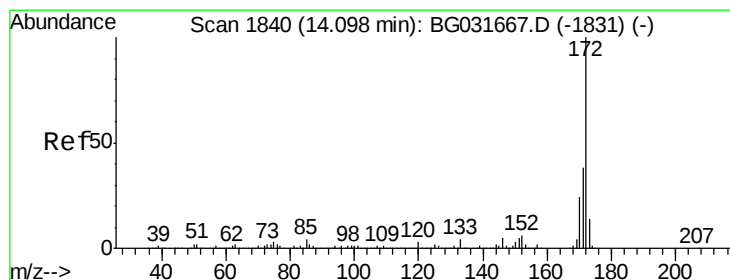
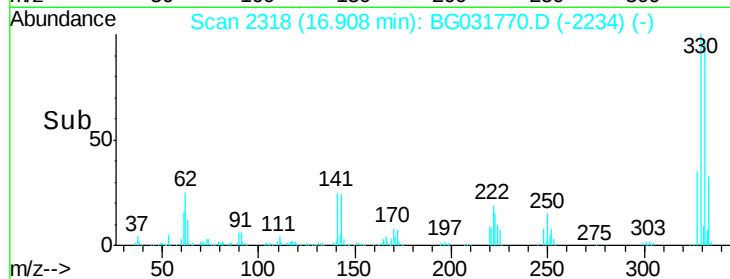
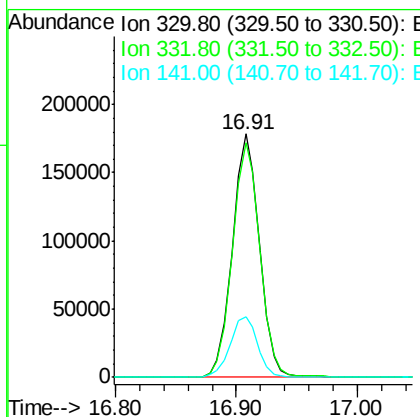
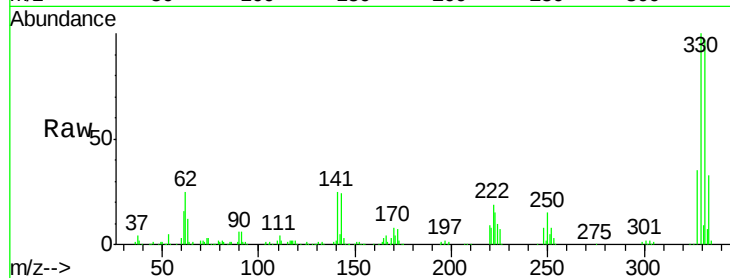




#41
 2,4,6-Tribromophenol
 Concen: 130.08 ng
 RT: 16.91 min Scan# 2318
 Delta R.T. -0.03 min
 Lab File: BG031770.D
 Acq: 26 Dec 2017 20:23

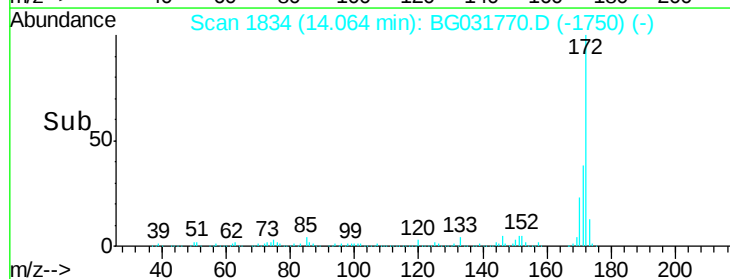
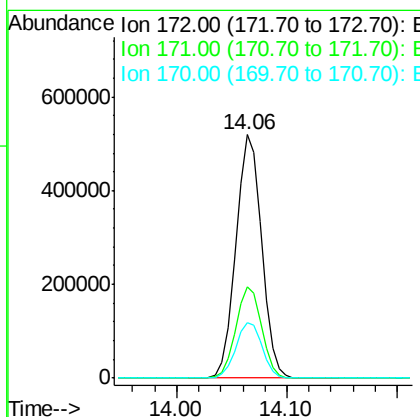
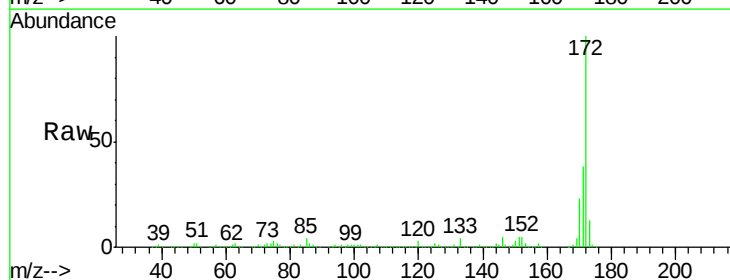
Instrument :
 BNA_G
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 TEC-COMP1

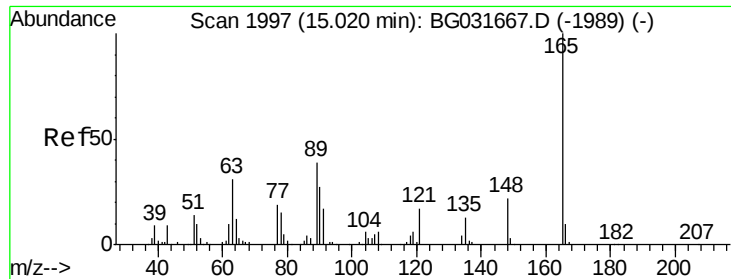
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	25.4	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 75.79 ng
 RT: 14.06 min Scan# 1834
 Delta R.T. -0.03 min
 Lab File: BG031770.D
 Acq: 26 Dec 2017 20:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	22.9	19.5	29.3

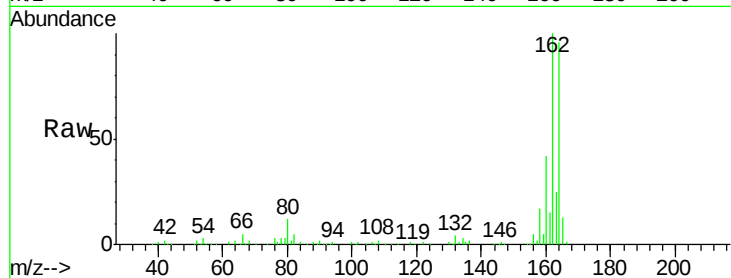




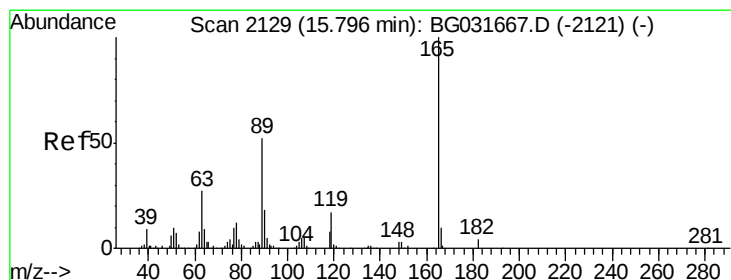
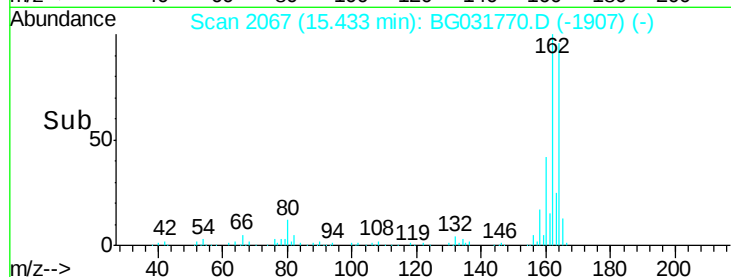
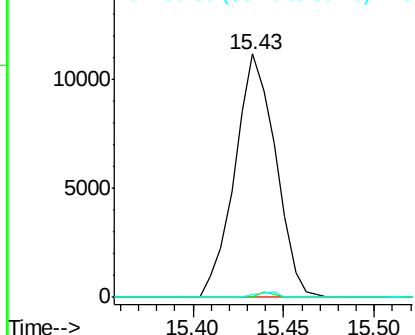
#50
 2,6-Dinitrotoluene
 Concen: 7.66 ng
 RT: 15.43 min Scan# 2067
 Delta R.T. 0.41 min
 Lab File: BG031770.D
 Acq: 26 Dec 2017 20:23

Instrument :
 BNA_G
 ClientSampleId :
 TEC-COMP1

Tot Ion:165 Resp: 17449
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 1.4 49.2 73.8#

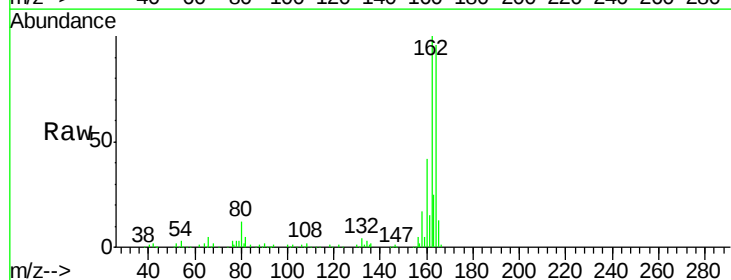


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

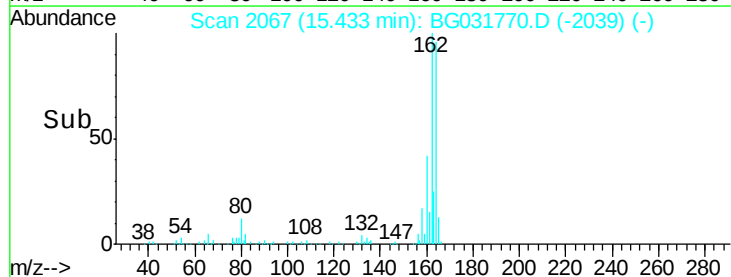
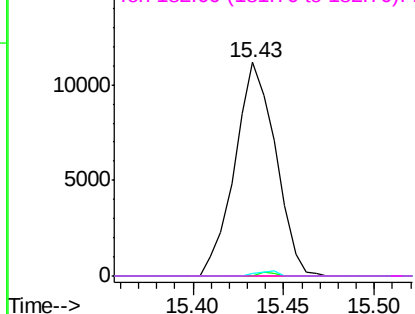


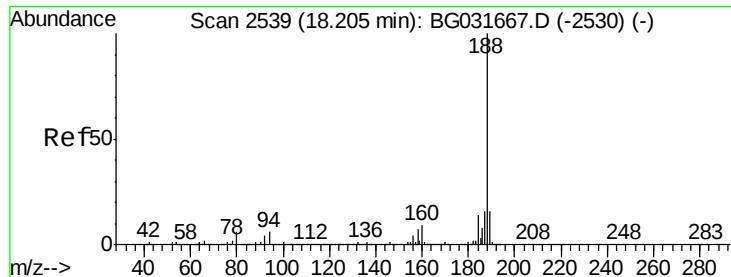
#56
 2,4-Dinitrotoluene
 Concen: 5.95 ng
 RT: 15.43 min Scan# 2067
 Delta R.T. -0.36 min
 Lab File: BG031770.D
 Acq: 26 Dec 2017 20:23

Tgt Ion:165 Resp: 17449
 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#



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

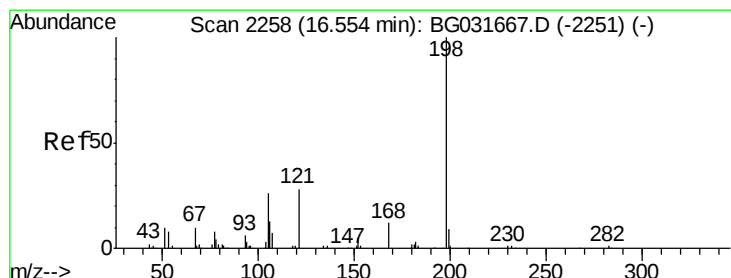
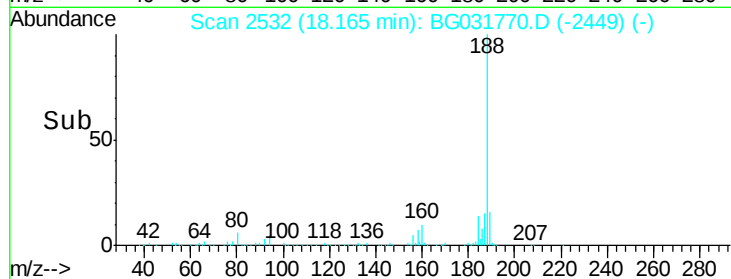
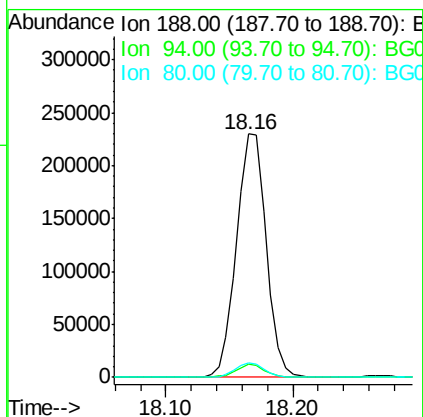
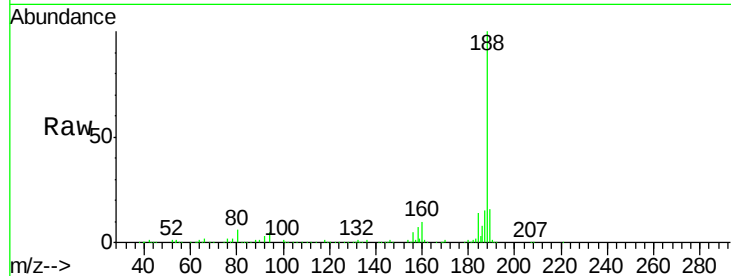




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.16 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BG031770.D
Acq: 26 Dec 2017 20:23

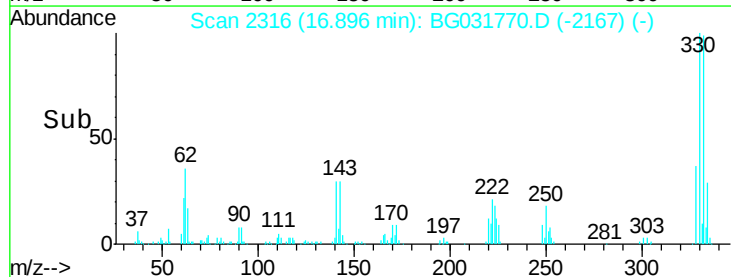
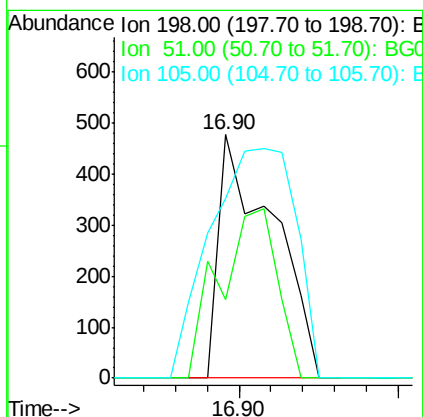
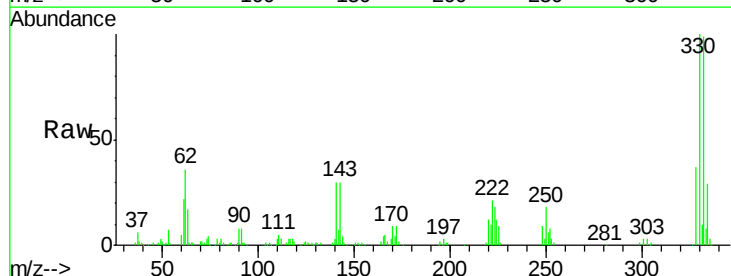
Instrument :
BNA_G
ClientSampleId :
TEC-COMP1

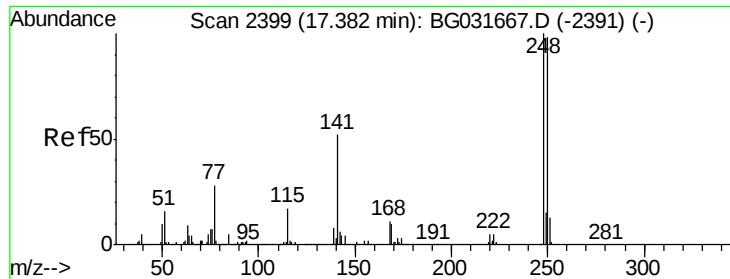
Tot Ion:188 Resp: 372115
Ion Ratio Lower Upper
188 100
94 5.3 6.9 10.3#
80 6.0 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 8.56 ng
RT: 16.90 min Scan# 2316
Delta R.T. 0.34 min
Lab File: BG031770.D
Acq: 26 Dec 2017 20:23

Tgt Ion:198 Resp: 565
Ion Ratio Lower Upper
198 100
51 32.3 30.6 70.6
105 73.8 23.8 63.8#

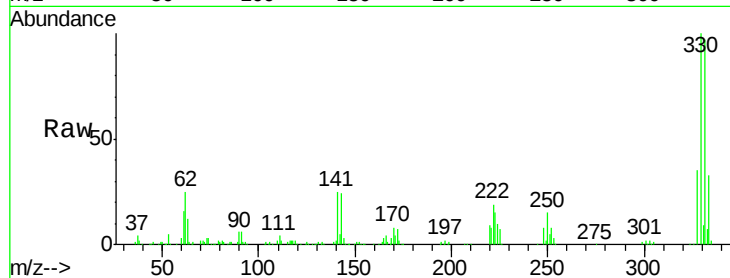




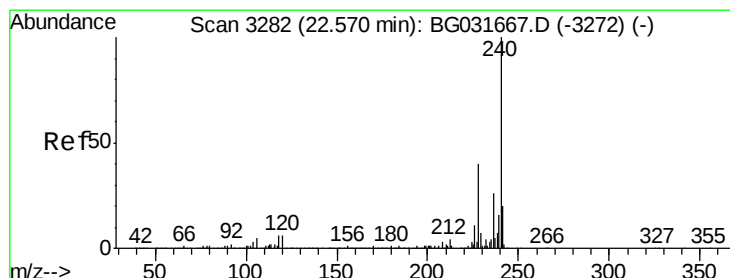
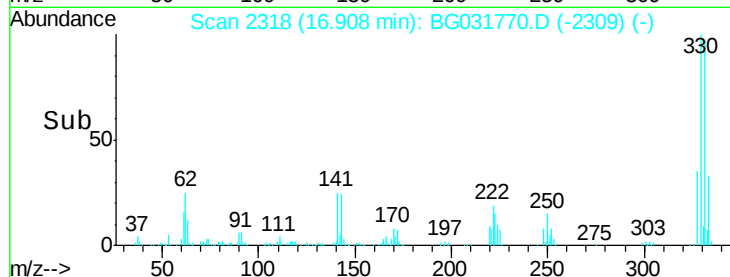
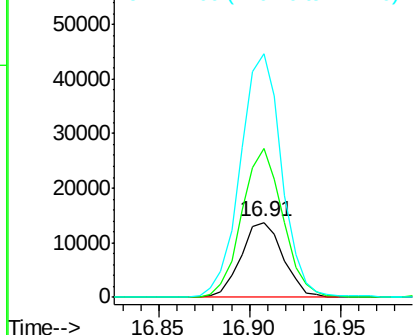
#66
4-Bromophenyl-phenylether
Concen: 4.14 ng
RT: 16.91 min Scan# 2318
Delta R.T. -0.47 min
Lab File: BG031770.D
Acq: 26 Dec 2017 20:23

Instrument :
BNA_G
ClientSampleId :
TEC-COMP1

Tot Ion:248 Resp: 22251
Ion Ratio Lower Upper
248 100
250 198.4 77.1 115.7#
141 324.8 50.8 76.2#

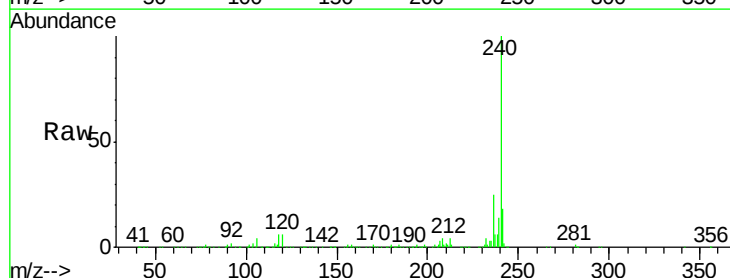


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

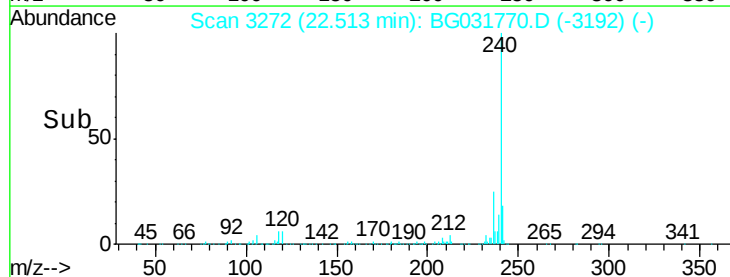
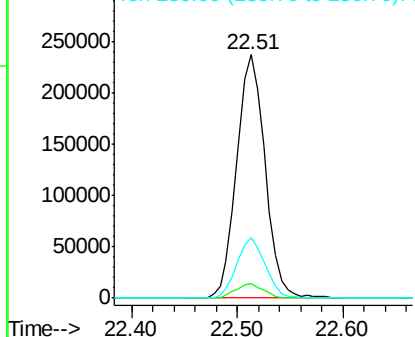


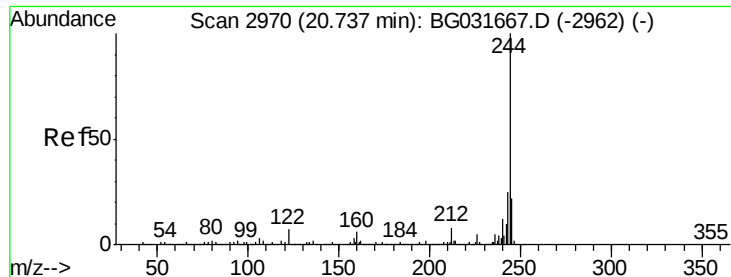
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.51 min Scan# 3272
Delta R.T. -0.06 min
Lab File: BG031770.D
Acq: 26 Dec 2017 20:23

Tgt Ion:240 Resp: 441405
Ion Ratio Lower Upper
240 100
120 5.7 6.8 10.2#
236 24.7 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

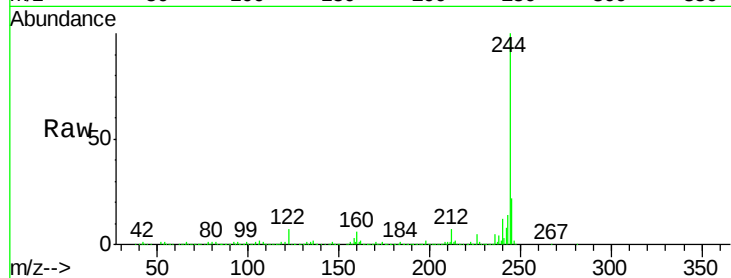




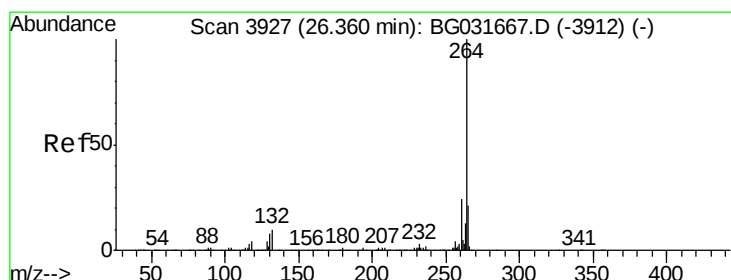
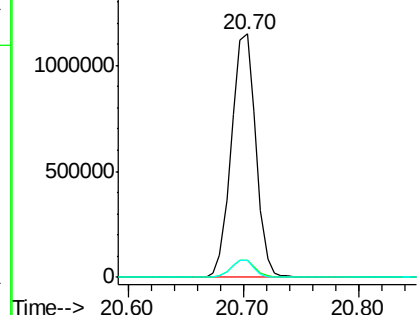
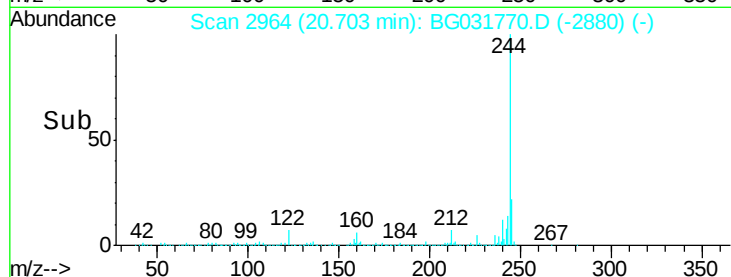
#78
 Terphenyl-d14
 Concen: 87.13 ng
 RT: 20.70 min Scan# 2964
 Delta R.T. -0.03 min
 Lab File: BG031770.D
 Acq: 26 Dec 2017 20:23

Instrument :
 BNA_G
 ClientSampleId :
 TEC-COMP1

Tot Ion:244 Resp: 1683335
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 6.9 7.0 10.4#

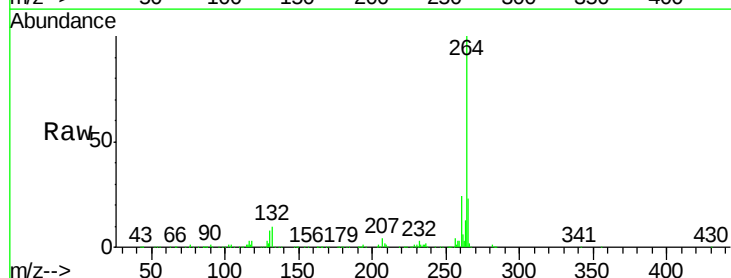


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 26.26 min Scan# 3910
 Delta R.T. -0.10 min
 Lab File: BG031770.D
 Acq: 26 Dec 2017 20:23

Tgt Ion:264 Resp: 468137
 Ion Ratio Lower Upper
 264 100
 260 23.8 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

