

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
 Data File : BG031689.D
 Acq On : 22 Dec 2017 00:59
 Operator : SJ/JU
 Sample : I7002-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 22 03:18:38 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 14:09:19 2017
 Response via : Initial Calibration

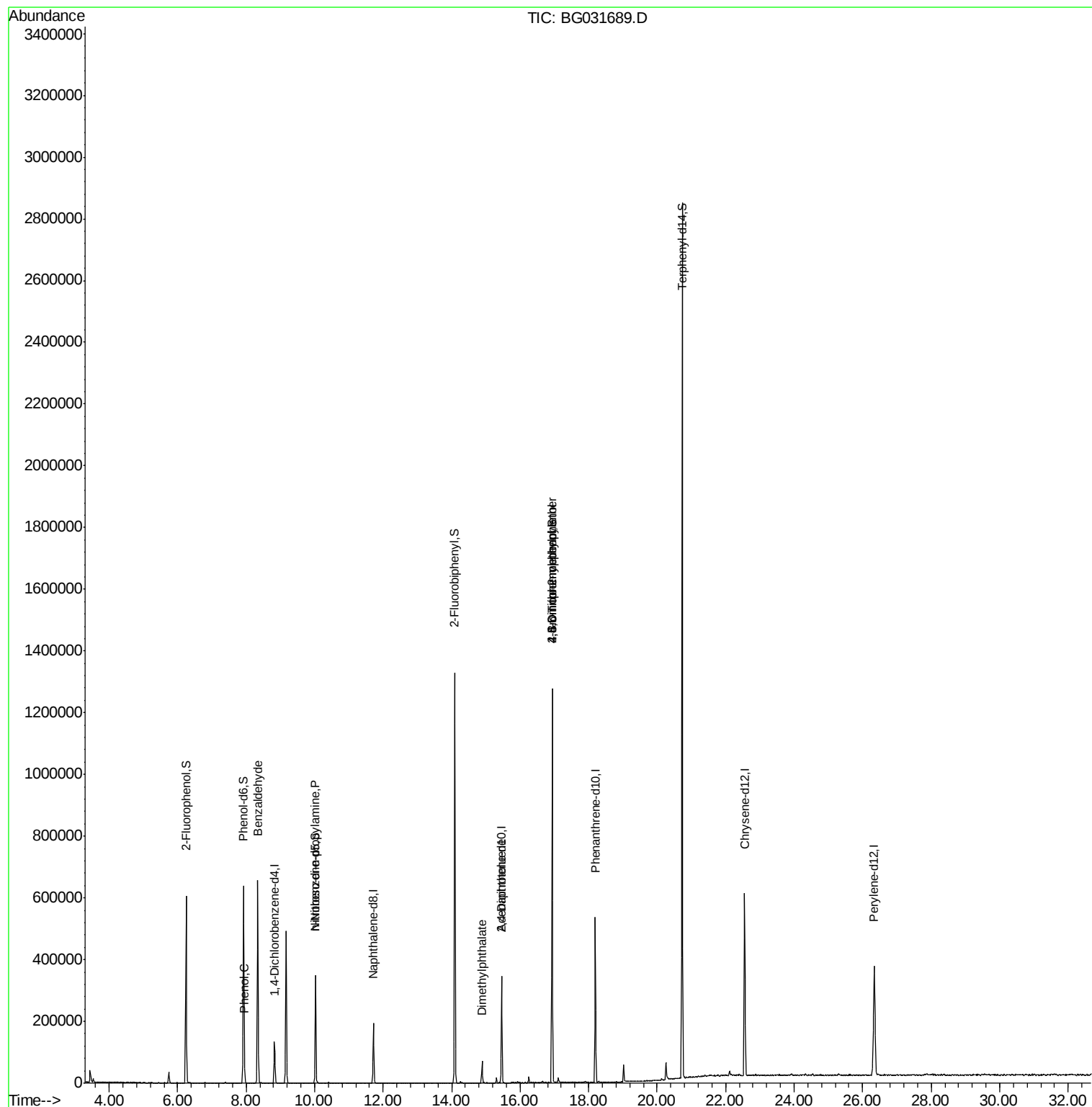
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	44998	20.00	ng	-0.01
21) Naphthalene-d8	11.72	136	194165	20.00	ng	0.00
38) Acenaphthene-d10	15.46	164	139157	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	375592	20.00	ng	0.00
75) Chrysene-d12	22.55	240	456351	20.00	ng	-0.02
86) Perylene-d12	26.34	264	475413	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.25	112	346772	140.36	ng	0.00
7) Phenol-d6	7.93	99	448293	139.76	ng	0.00
23) Nitrobenzene-d5	10.02	82	222848	86.67	ng	-0.01
41) 2,4,6-Tribromophenol	16.93	330	299451	141.03	ng	0.00
44) 2-Fluorobiphenyl	14.09	172	822934	74.22	ng	0.00
78) Terphenyl-d14	20.73	244	1527631	76.48	ng	0.00
Target Compounds						
9) Benzaldehyde	8.33	77	7726	4.000	ng	89
10) Phenol	7.96	94	17875	5.520	ng	92
19) n-Nitroso-di-n-propylamine	10.02	70	29099	13.284	ng	# 70
49) Dimethylphthalate	14.89	163	58370	4.761	ng	98
56) 2,4-Dinitrotoluene	15.45	165	18078	6.234	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.93	198	724	8.633	ng	# 26
66) 4-Bromophenyl-phenylether	16.93	248	24335	4.481	ng	# 1

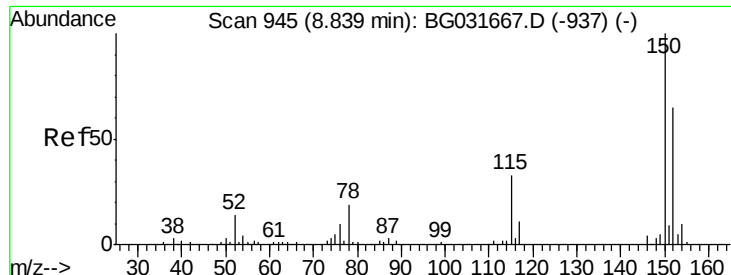
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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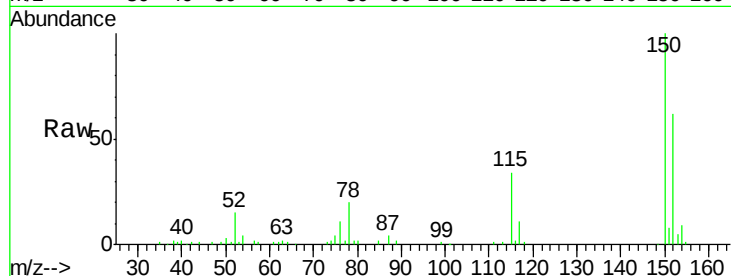


#1

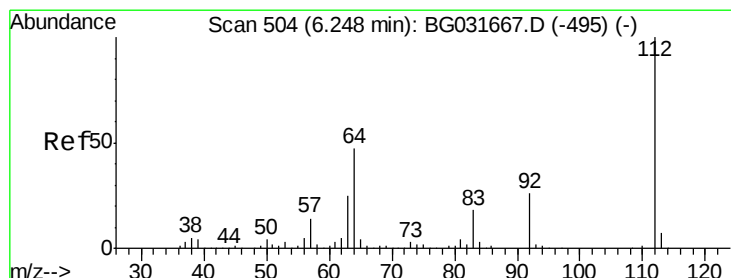
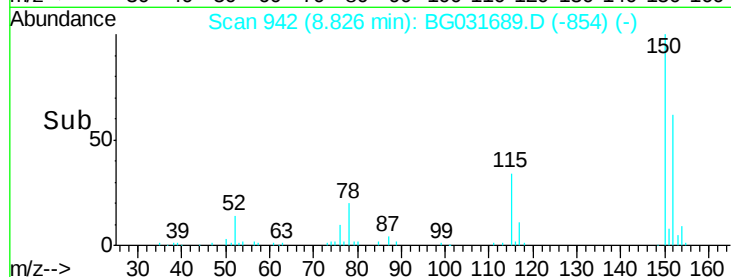
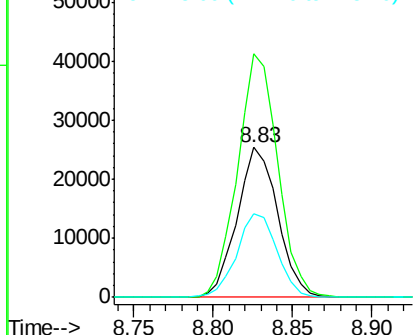
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.83 min Scan# 942
Delta R.T. -0.01 min
Lab File: BG031689.D
Acq: 22 Dec 2017 00:59

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 44998
Ion Ratio Lower Upper
152 100
150 162.3 126.6 189.8
115 55.6 53.0 79.4



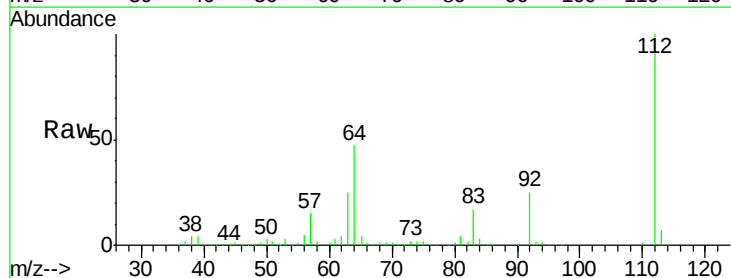
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



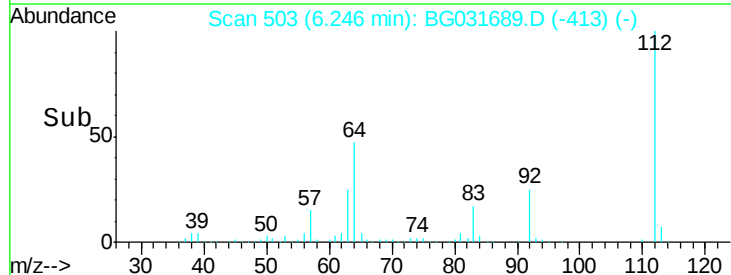
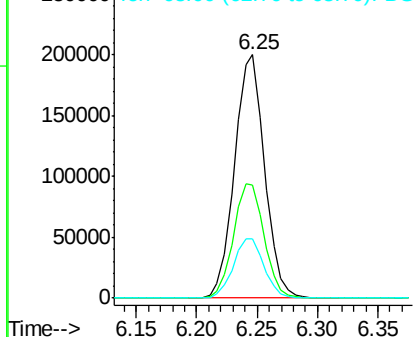
#5

2-Fluorophenol
Concen: 140.363 ng
RT: 6.25 min Scan# 503
Delta R.T. -0.00 min
Lab File: BG031689.D
Acq: 22 Dec 2017 00:59

Tgt Ion:112 Resp: 346772
Ion Ratio Lower Upper
112 100
64 46.6 56.3 84.5#
63 24.6 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: 139.761 ng

RT: 7.93 min Scan# 789

Delta R.T. -0.00 min

Lab File: BG031689.D

Acq: 22 Dec 2017 00:59

Instrument :

BNA_G

ClientSampleId :

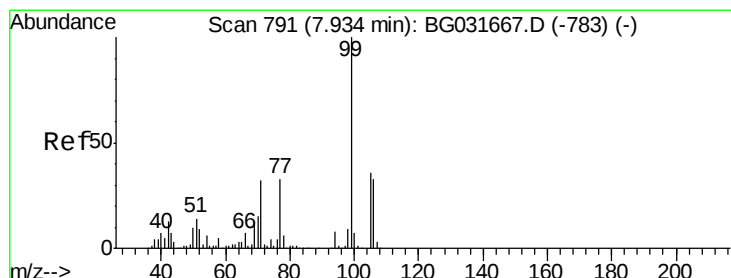
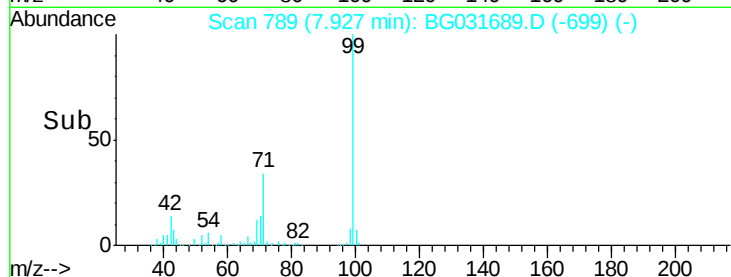
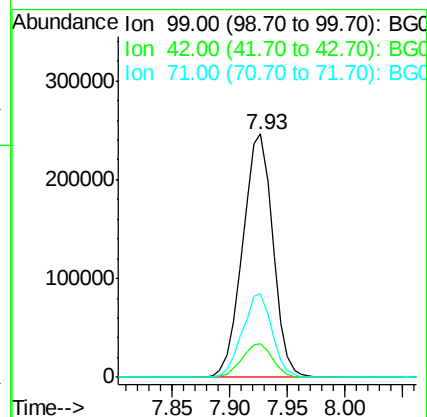
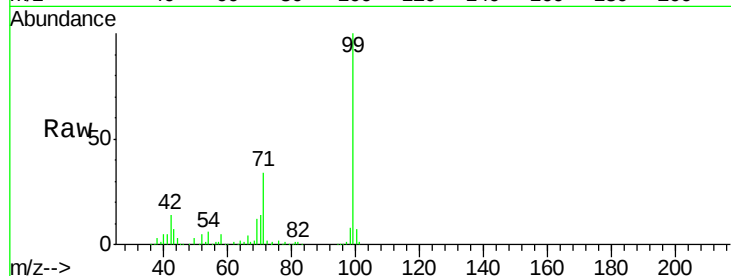
Tot Ion: 99 Resp: 448293

Ion Ratio Lower Upper

99 100

42 13.9 14.1 21.1#

71 34.1 26.1 39.1



#9

Benzaldehyde

Concen: 4.000 ng

RT: 8.33 min Scan# 858

Delta R.T. 0.40 min

Lab File: BG031689.D

Acq: 22 Dec 2017 00:59

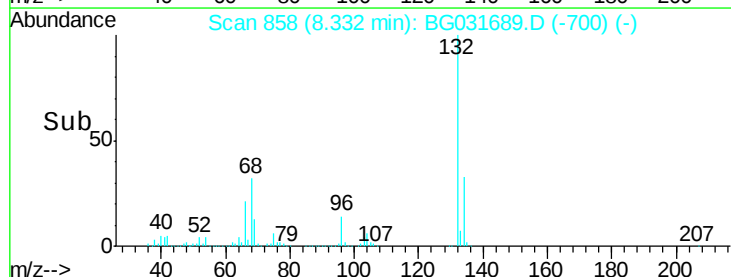
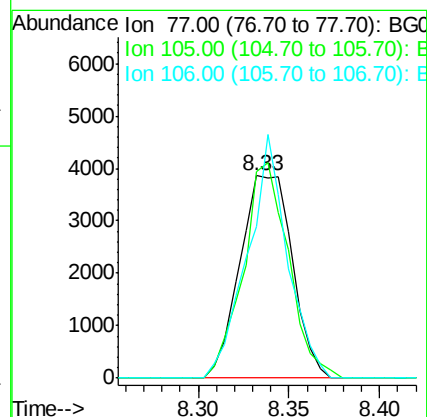
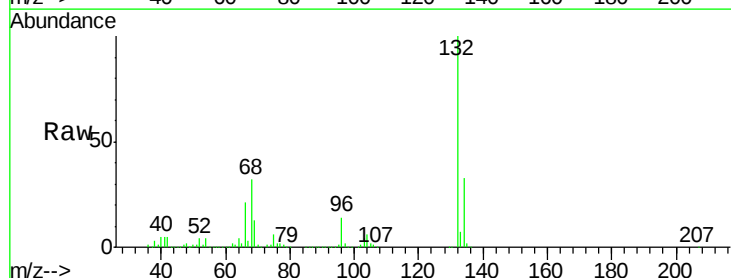
Tgt Ion: 77 Resp: 7726

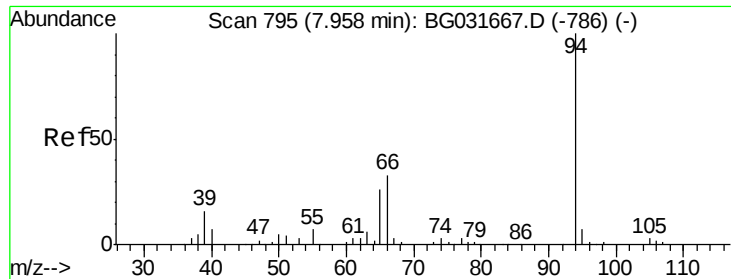
Ion Ratio Lower Upper

77 100

105 102.2 71.3 111.3

106 74.8 64.2 104.2

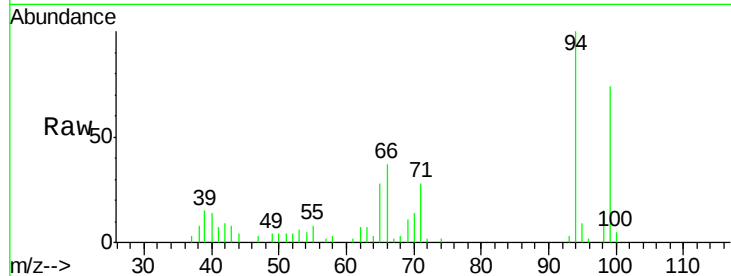




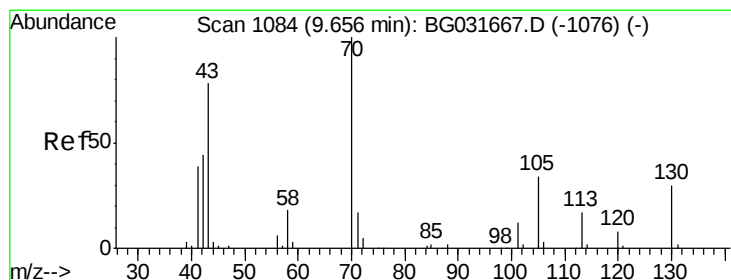
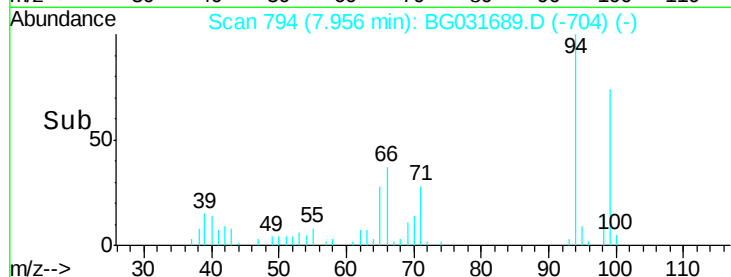
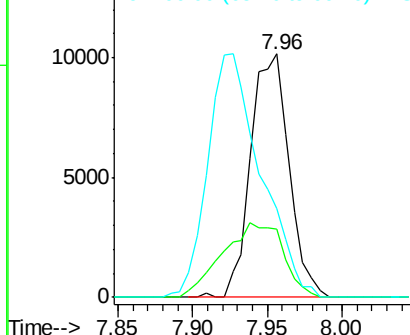
#10
Phenol
Concen: 5.520 ng
RT: 7.96 min Scan# 794
Delta R.T. -0.00 min
Lab File: BG031689.D
Acq: 22 Dec 2017 00:59

Instrument :
BNA_G
ClientSampled :

Tot Ion: 94 Resp: 17875
Ion Ratio Lower Upper
94 100
65 28.0 11.9 51.9
66 36.6 22.2 62.2

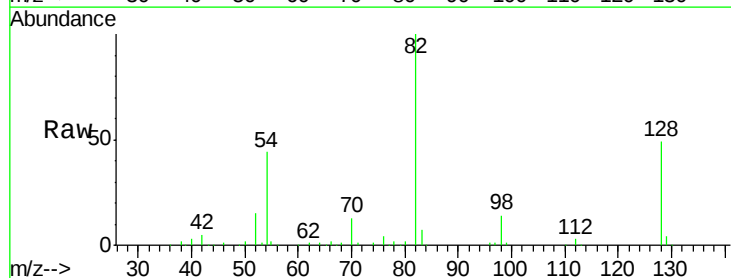


Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

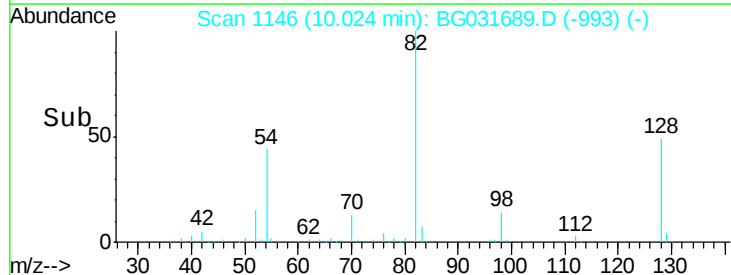
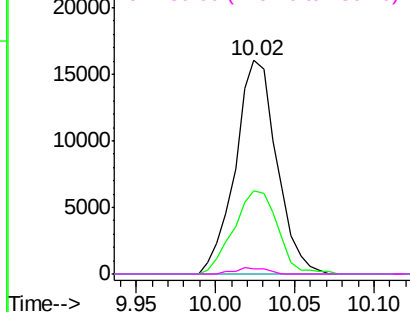


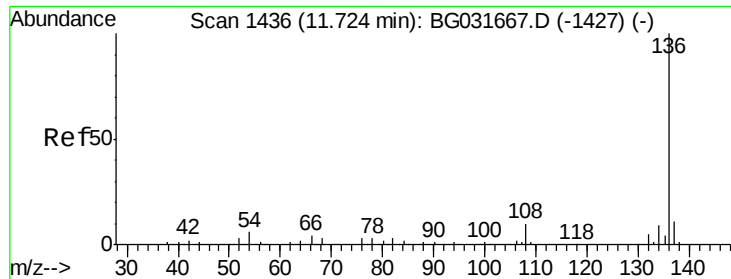
#19
n-Nitroso-di-n-propylamine
Concen: 13.284 ng
RT: 10.02 min Scan# 1146
Delta R.T. 0.37 min
Lab File: BG031689.D
Acq: 22 Dec 2017 00:59

Tgt Ion: 70 Resp: 29099
Ion Ratio Lower Upper
70 100
42 38.7 49.1 73.7#
101 0.0 8.5 12.7#
130 2.6 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

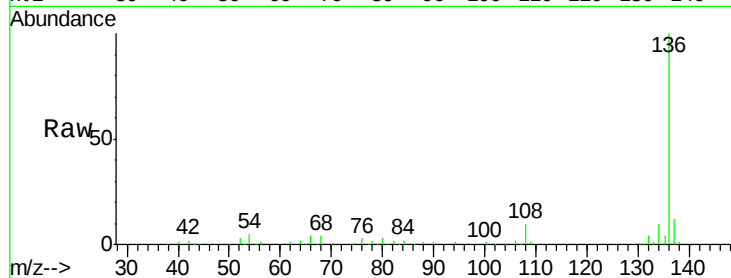




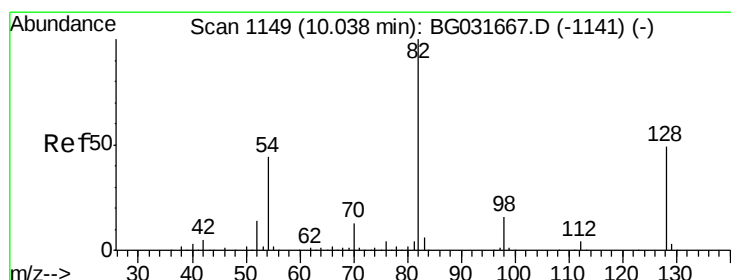
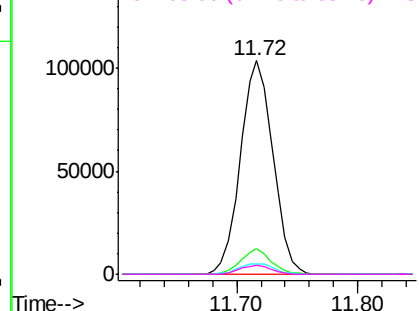
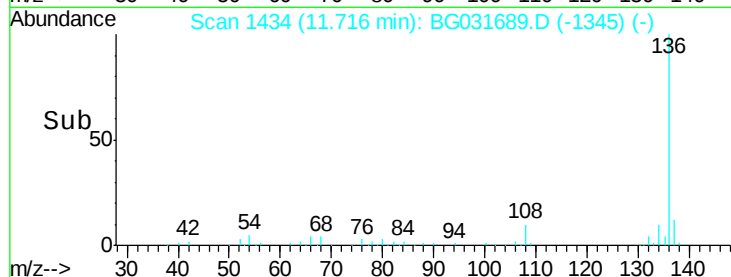
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.72 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BG031689.D
Acq: 22 Dec 2017 00:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	194165
Ion Ratio	Lower	Upper
136	100	
137	11.7	9.2 13.8
54	4.7	10.3 15.5#
68	4.2	4.5 6.7#

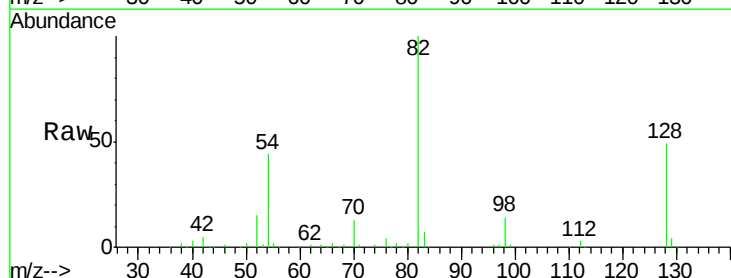


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

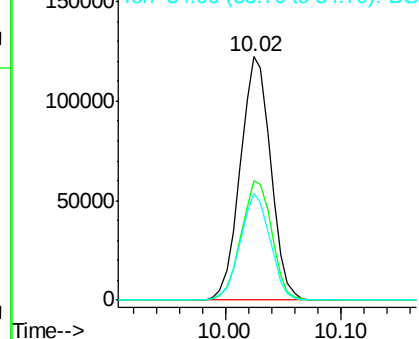
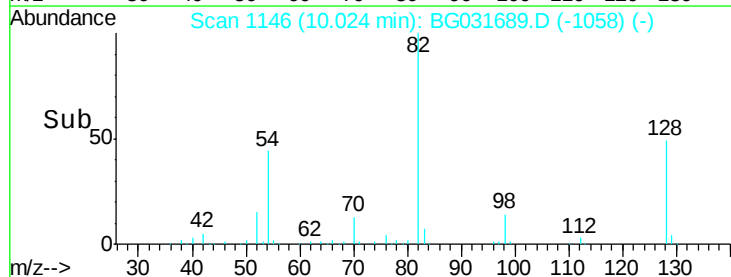


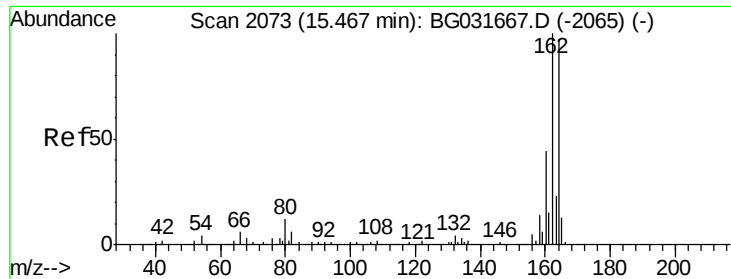
#23
Nitrobenzene-d5
Concen: 86.667 ng
RT: 10.02 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BG031689.D
Acq: 22 Dec 2017 00:59

Tgt Ion: 82	Resp:	222848
Ion Ratio	Lower	Upper
82	100	
128	49.3	29.7 44.5#
54	43.9	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

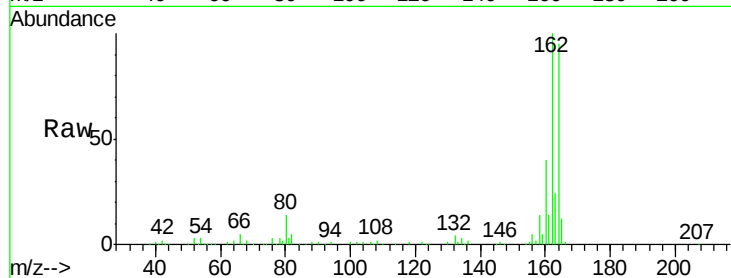




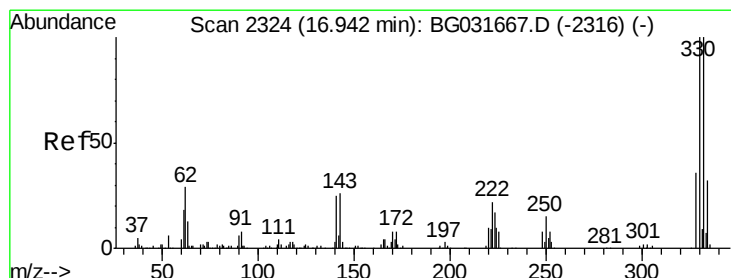
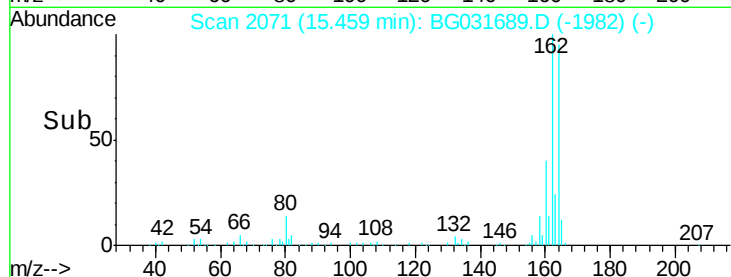
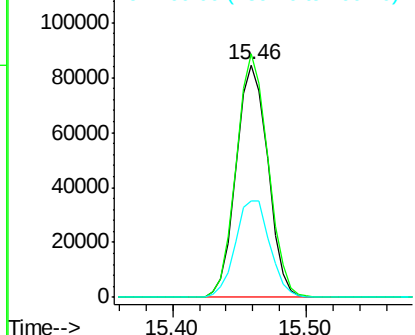
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: BG031689.D
 Acq: 22 Dec 2017 00:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:164 Resp: 139157
 Ion Ratio Lower Upper
 164 100
 162 104.9 78.8 118.2
 160 41.5 35.4 53.0

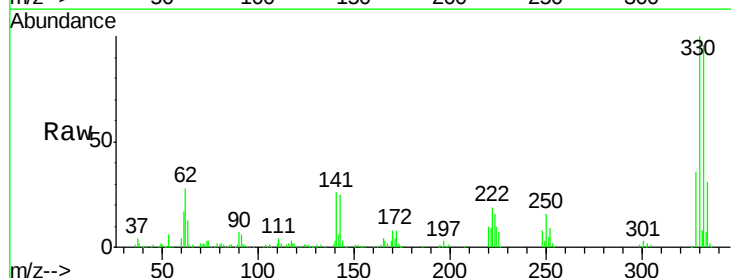


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

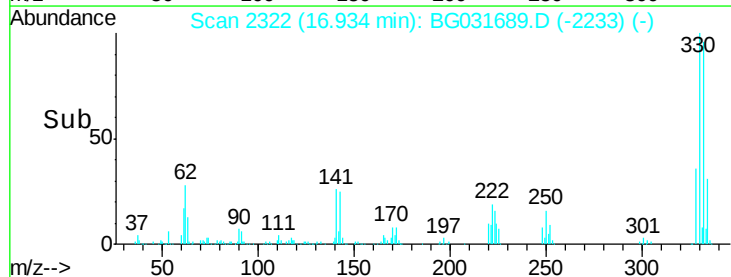
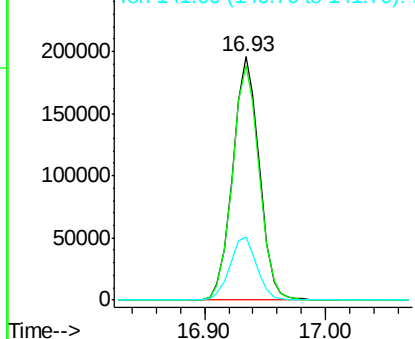


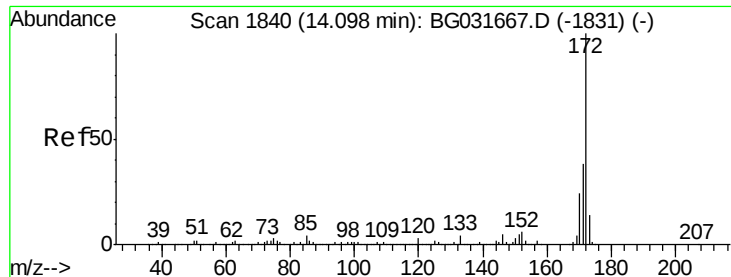
#41
 2,4,6-Tribromophenol
 Concen: 141.028 ng
 RT: 16.93 min Scan# 2322
 Delta R.T. -0.01 min
 Lab File: BG031689.D
 Acq: 22 Dec 2017 00:59

Tgt Ion:330 Resp: 299451
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.0 115.6
 141 26.2 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

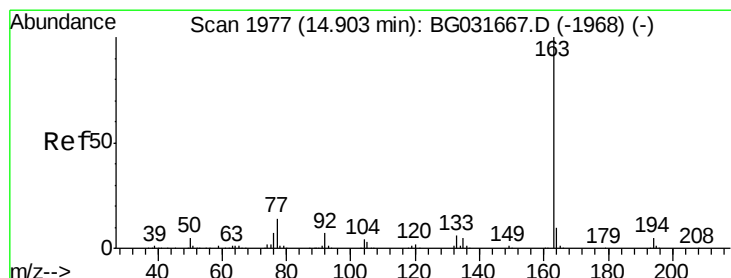
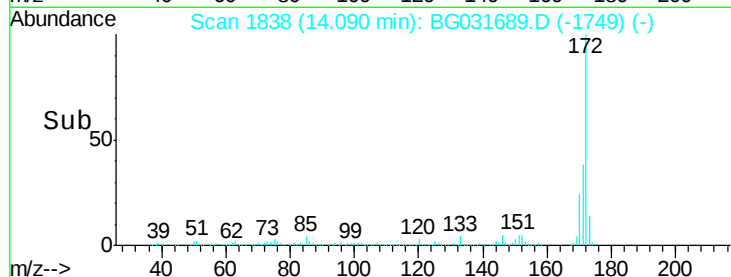
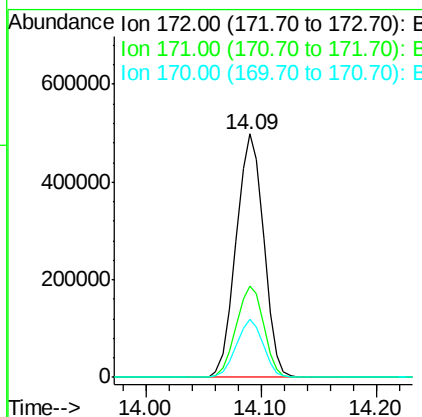
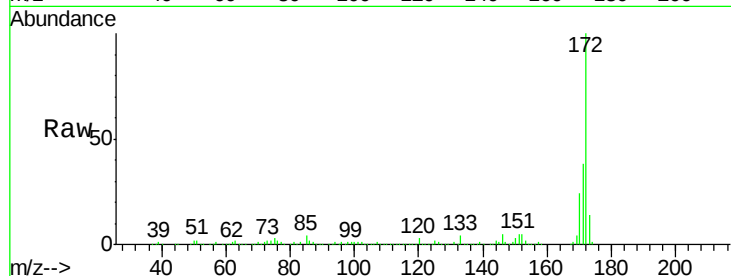




#44
2-Fluorobiphenyl
Concen: 74.225 ng
RT: 14.09 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG031689.D
Acq: 22 Dec 2017 00:59

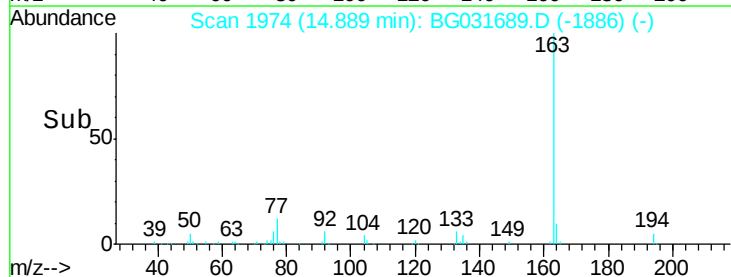
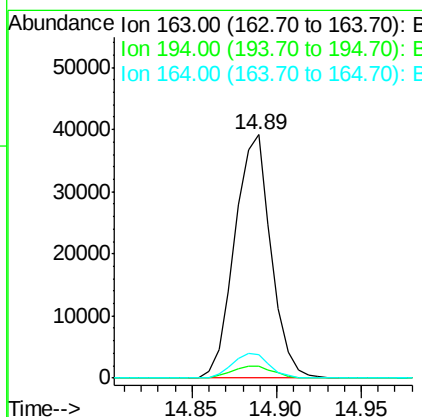
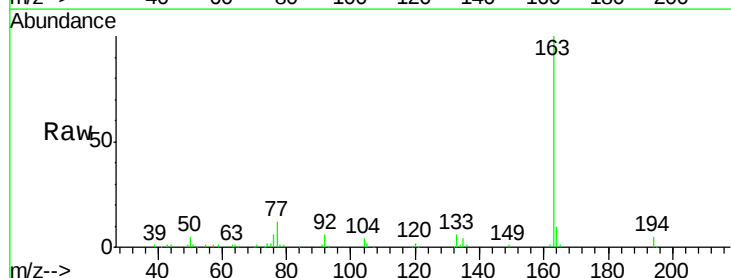
Instrument :
BNA_G
ClientSampleId :

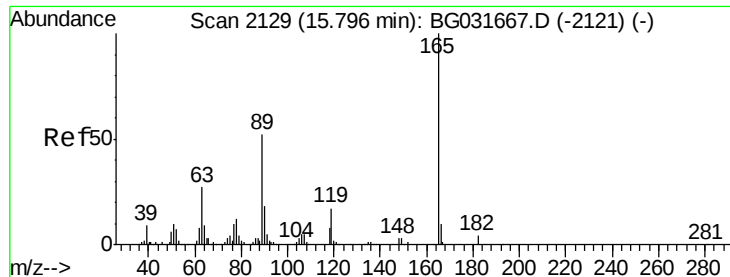
Tot Ion:172 Resp: 822934
Ion Ratio Lower Upper
172 100
171 37.5 30.0 45.0
170 24.0 19.5 29.3



#49
Dimethylphthalate
Concen: 4.761 ng
RT: 14.89 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG031689.D
Acq: 22 Dec 2017 00:59

Tgt Ion:163 Resp: 58370
Ion Ratio Lower Upper
163 100
194 5.1 3.4 5.2
164 9.8 8.2 12.4

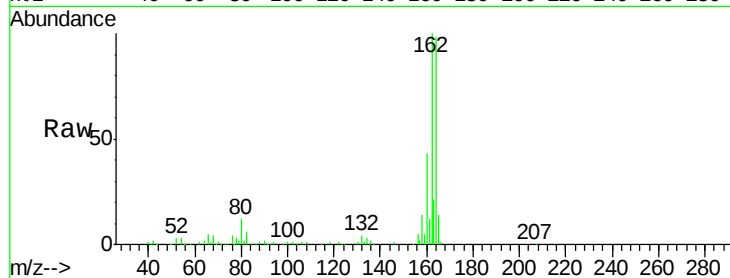




#56
 2,4-Dinitrotoluene
 Concen: 6.234 ng
 RT: 15.45 min Scan# 2070
 Delta R.T. -0.34 min
 Lab File: BG031689.D
 Acq: 22 Dec 2017 00:59

Instrument :
 BNA_G
 ClientSampleId :

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

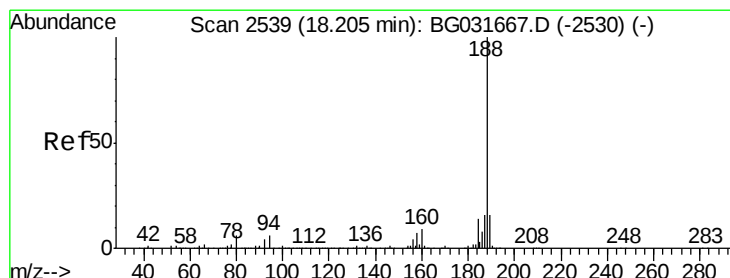
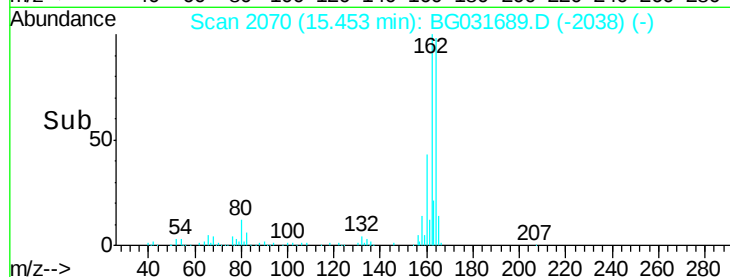
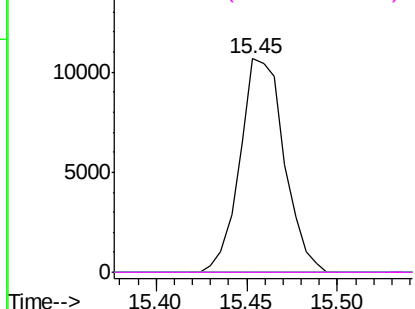


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

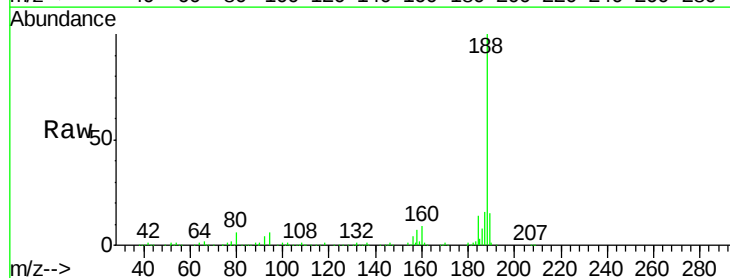
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.20 min Scan# 2537
 Delta R.T. -0.01 min
 Lab File: BG031689.D
 Acq: 22 Dec 2017 00:59

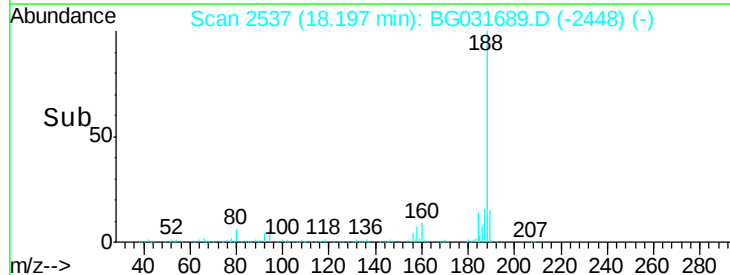
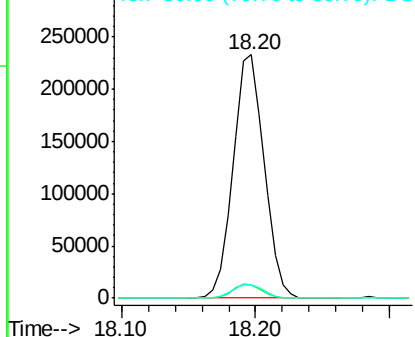
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.5	6.9	10.3#
80	5.6	7.7	11.5#

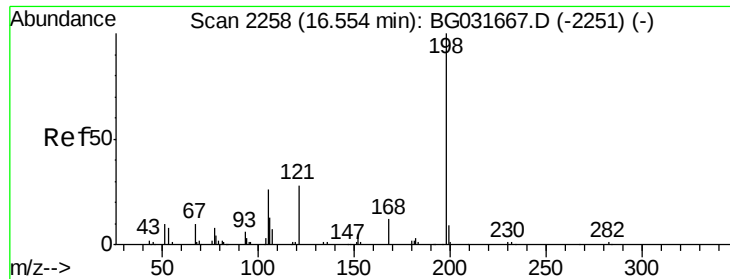


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

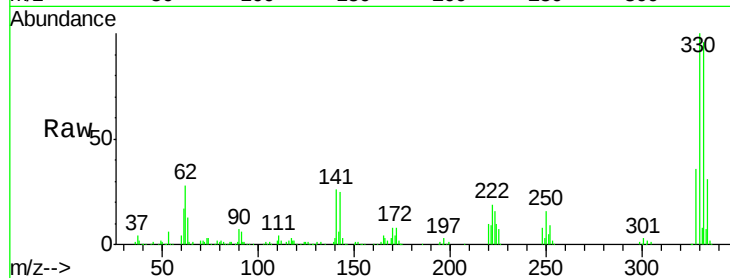




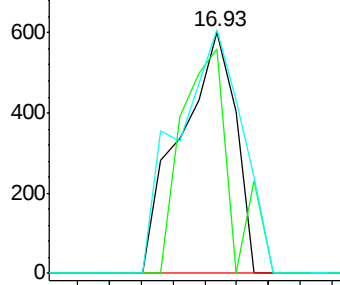
#64
4,6-Dinitro-2-methylphenol
Concen: 8.633 ng
RT: 16.93 min Scan# 2322
Delta R.T. 0.38 min
Lab File: BG031689.D
Acq: 22 Dec 2017 00:59

Instrument :
BNA_G
ClientSampleId :

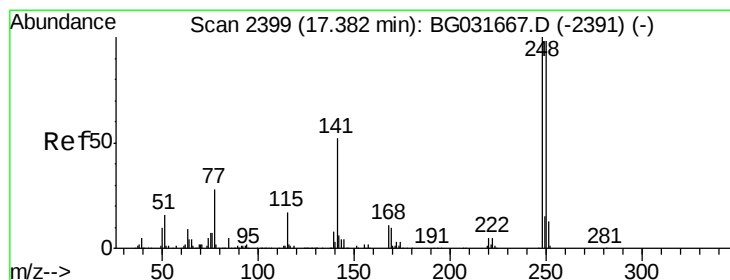
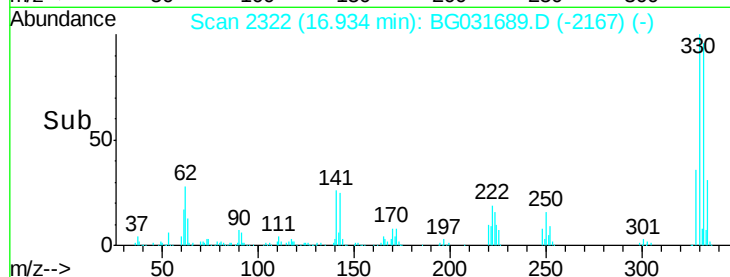
Tot Ion	Ratio	Lower	Upper
198	100		
51	93.2	30.6	70.6#
105	100.8	23.8	63.8#



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

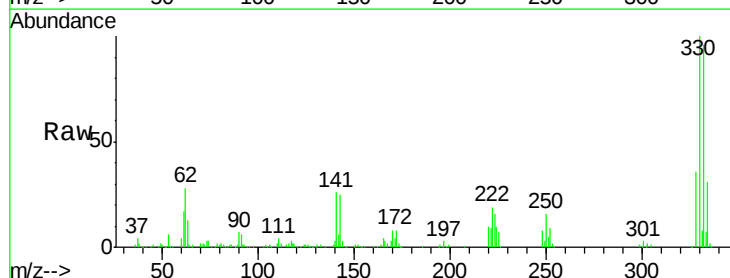


Time-->

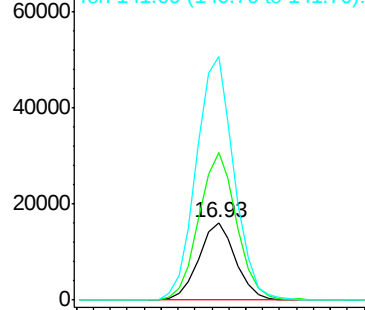


#66
4-Bromophenyl-phenylether
Concen: 4.481 ng
RT: 16.93 min Scan# 2322
Delta R.T. -0.45 min
Lab File: BG031689.D
Acq: 22 Dec 2017 00:59

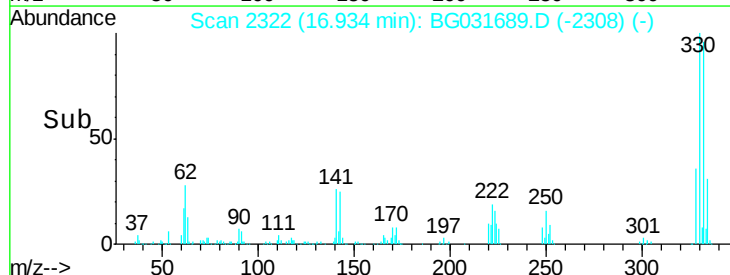
Tgt Ion	Ratio	Lower	Upper
248	100		
250	189.8	77.1	115.7#
141	313.9	50.8	76.2#

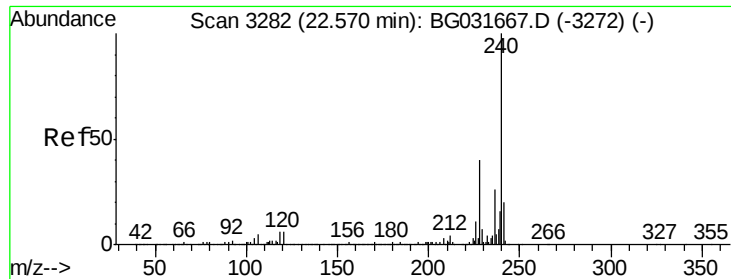


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->

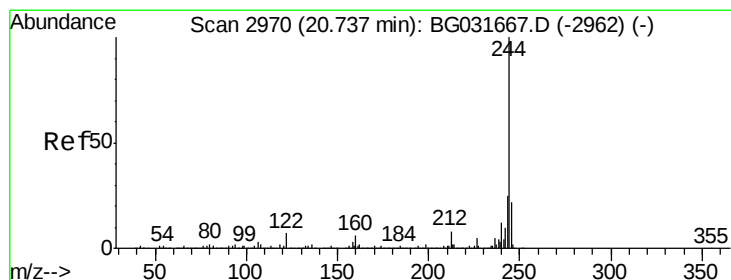
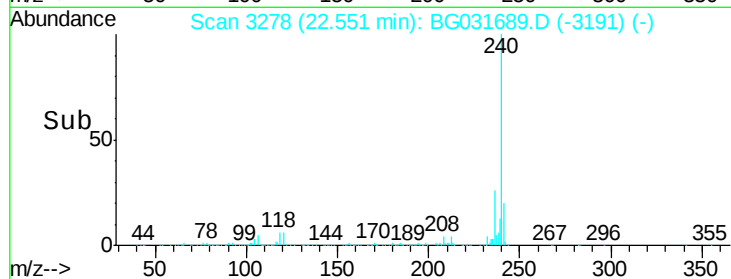
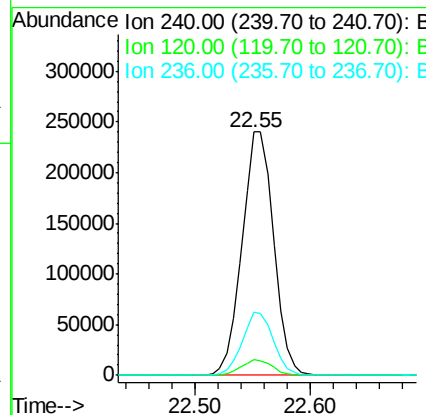
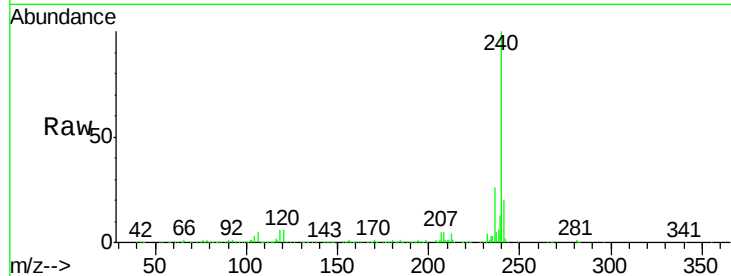




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.55 min Scan# 3278
 Delta R.T. -0.02 min
 Lab File: BG031689.D
 Acq: 22 Dec 2017 00:59

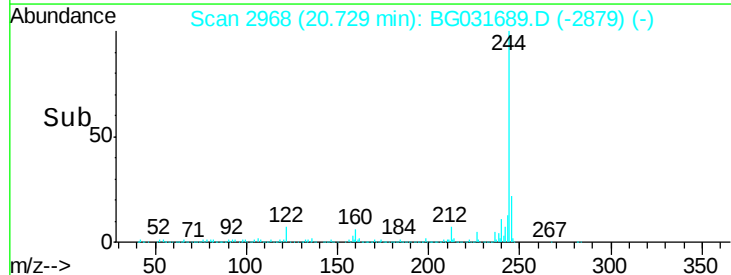
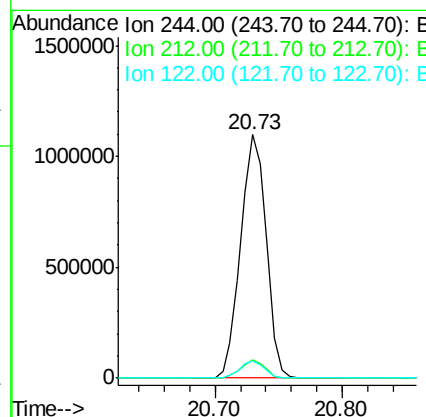
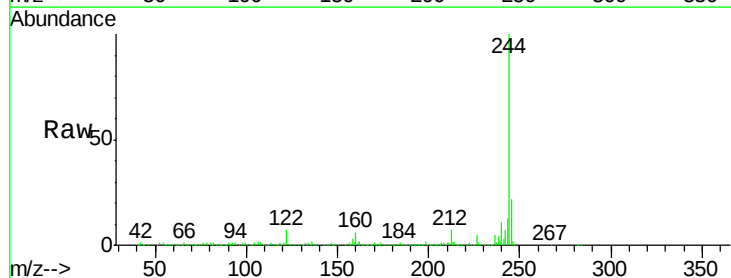
Instrument :
 BNA_G
 ClientSampleId :

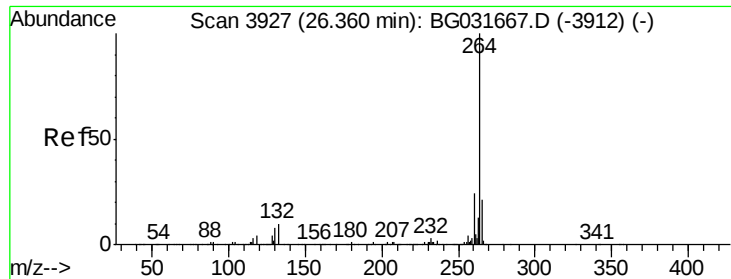
Tot Ion:240 Resp: 456351
 Ion Ratio Lower Upper
 240 100
 120 6.4 6.8 10.2#
 236 25.9 20.9 31.3



#78
 Terphenyl-d14
 Concen: 76.478 ng
 RT: 20.73 min Scan# 2968
 Delta R.T. -0.01 min
 Lab File: BG031689.D
 Acq: 22 Dec 2017 00:59

Tgt Ion:244 Resp: 1527631
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 7.0 7.0 10.4

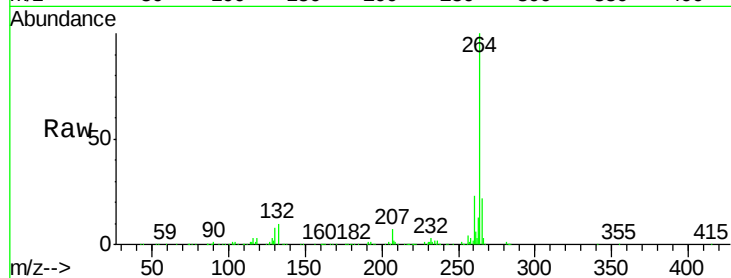




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.34 min Scan# 3923
 Delta R.T. -0.02 min
 Lab File: BG031689.D
 Acq: 22 Dec 2017 00:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	22.1	17.7	26.5

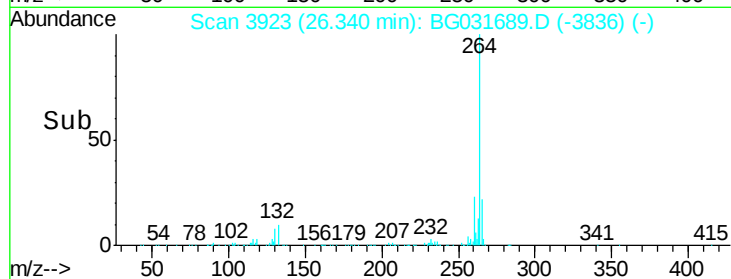
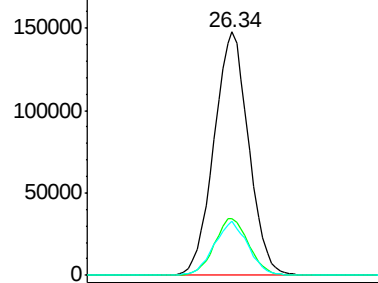


Abundance

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



Time-->