

Data Path : U:\HPCHEM1\BNA G\DATA\BG011118\
 Data File : BG031990.D
 Acq On : 11 Jan 2018 18:54
 Operator : SJ/JU
 Sample : J1064-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 12 04:06:16 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 15:23:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	59188	20.00	ng	0.00
21) Naphthalene-d8	11.66	136	240247	20.00	ng	0.00
38) Acenaphthene-d10	15.41	164	168858	20.00	ng	0.00
63) Phenanthrene-d10	18.14	188	422799	20.00	ng	0.00
75) Chrysene-d12	22.48	240	459964	20.00	ng	0.00
86) Perylene-d12	26.20	264	464961	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.21	112	436149	134.22	ng	0.00
7) Phenol-d6	7.89	99	504173	119.50	ng	0.00
23) Nitrobenzene-d5	9.98	82	358591	112.71	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	408641	158.60	ng	0.00
44) 2-Fluorobiphenyl	14.04	172	1270069	94.41	ng	0.00
78) Terphenyl-d14	20.67	244	2095145	104.07	ng	0.00

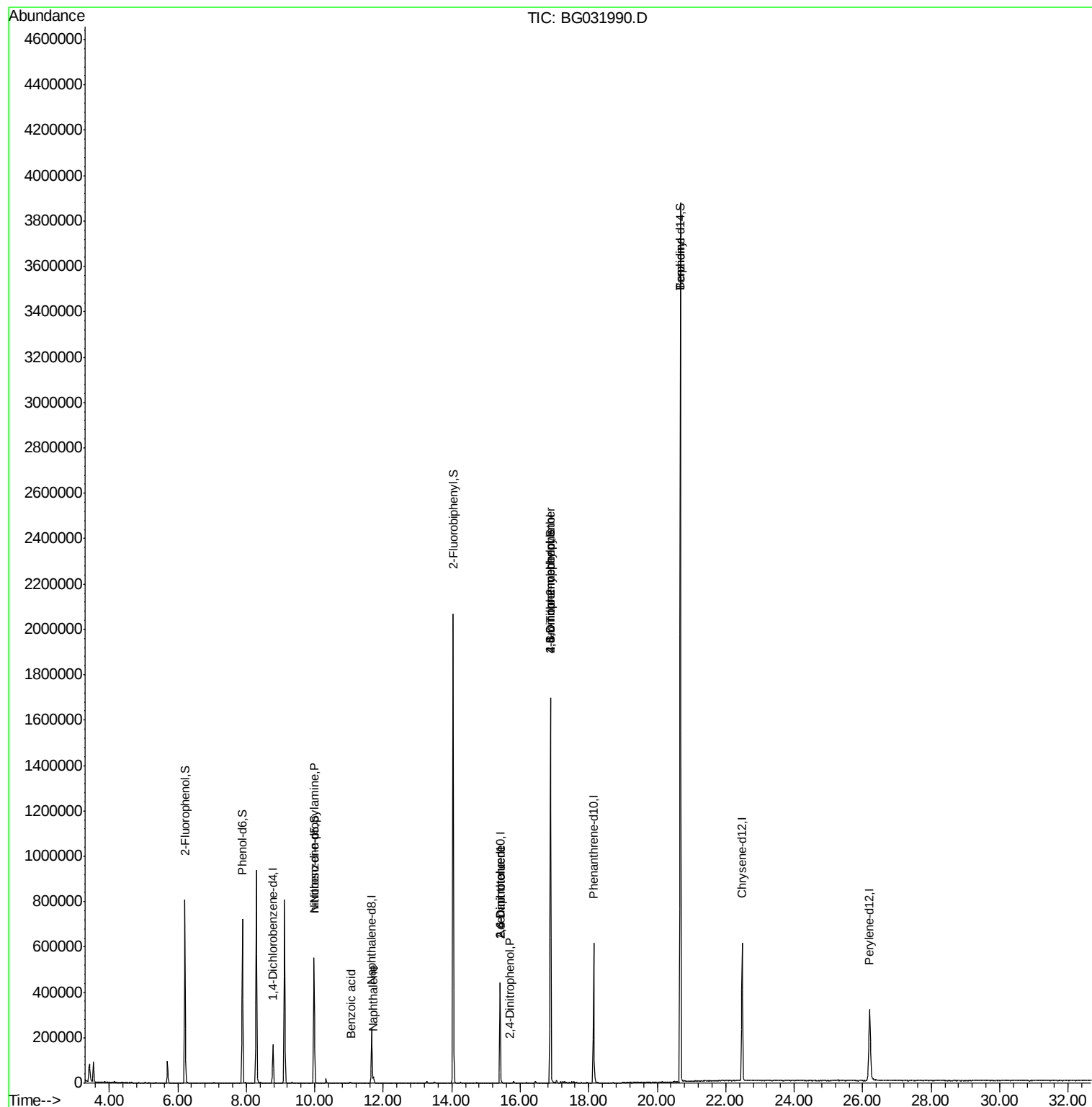
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	9.98	70	48578	16.859	ng	# 69
31) Naphthalene	11.71	128	27732	2.287	ng	# 97
32) Benzoic acid	11.07	122	60	6.716	ng	# 1
50) 2,6-Dinitrotoluene	15.40	165	22371	8.175	ng	# 20
53) 2,4-Dinitrophenol	15.68	184	58	7.678	ng	# 1
56) 2,4-Dinitrotoluene	15.40	165	22371	6.357	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.88	198	953	8.689	ng	# 43
66) 4-Bromophenyl-phenylether	16.88	248	33018	5.400	ng	# 1
76) Benzidine	20.67	184	28730	2.024	ng	# 94

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

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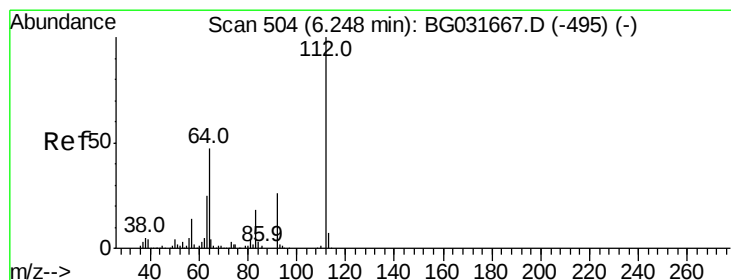
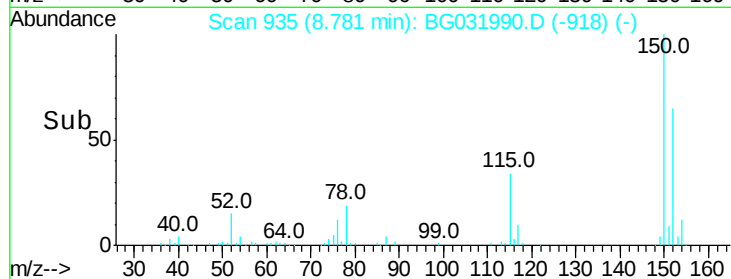
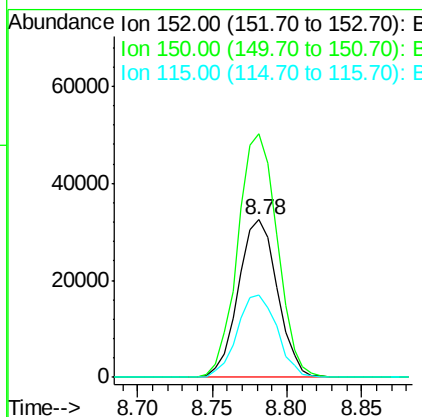
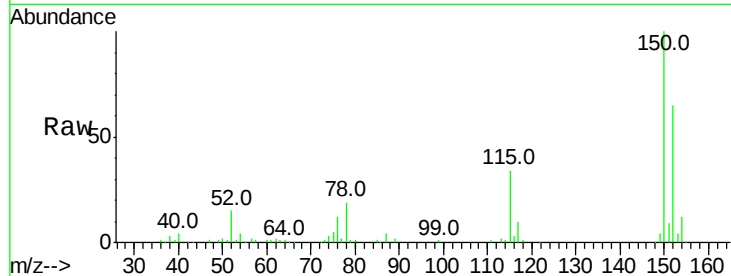


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 935
Delta R.T. -0.00 min
Lab File: BG031990.D
Acq: 11 Jan 2018 18:54

Instrument :
BNA_G
ClientSampleId :

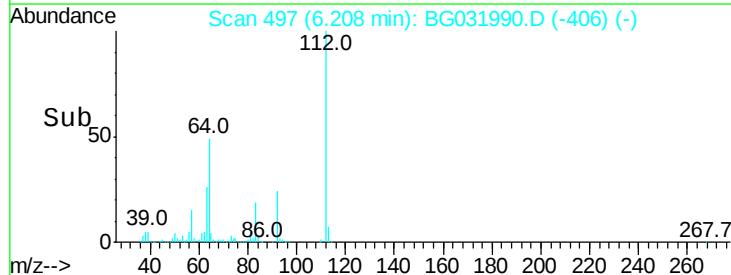
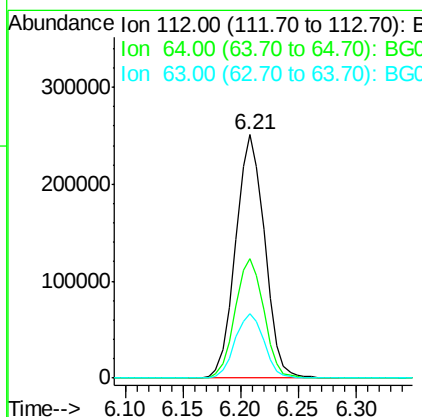
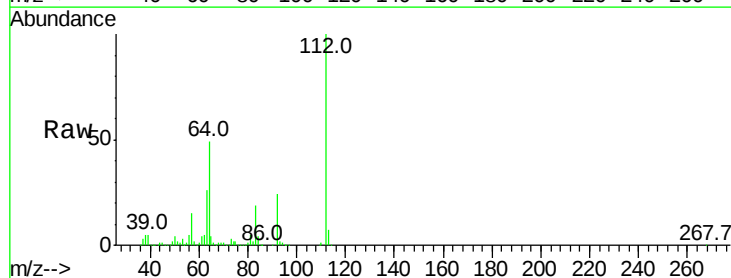
Tot Ion:152 Resp: 59188
Ion Ratio Lower Upper
152 100
150 154.6 126.6 189.8
115 52.2 53.0 79.4#

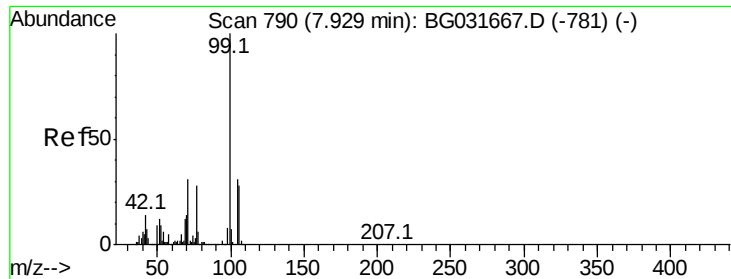


#5

2-Fluorophenol
Concen: 134.216 ng
RT: 6.21 min Scan# 497
Delta R.T. 0.00 min
Lab File: BG031990.D
Acq: 11 Jan 2018 18:54

Tgt Ion:112 Resp: 436149
Ion Ratio Lower Upper
112 100
64 49.2 56.3 84.5#
63 26.2 30.1 45.1#





#7

Phenol-d6

Concen: 119.499 ng

RT: 7.89 min Scan# 783

Delta R.T. 0.00 min

Lab File: BG031990.D

Acq: 11 Jan 2018 18:54

Instrument :

BNA_G

ClientSampleId :

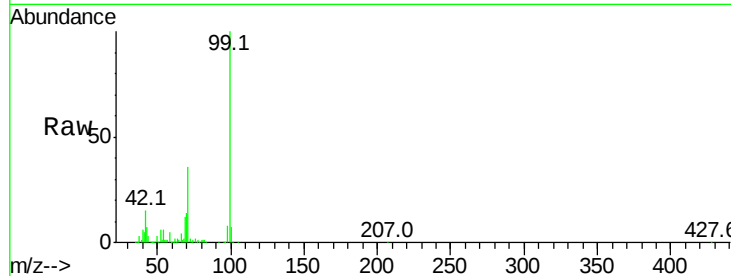
Tot Ion: 99 Resp: 504173

Ion Ratio Lower Upper

99 100

42 14.8 14.1 21.1

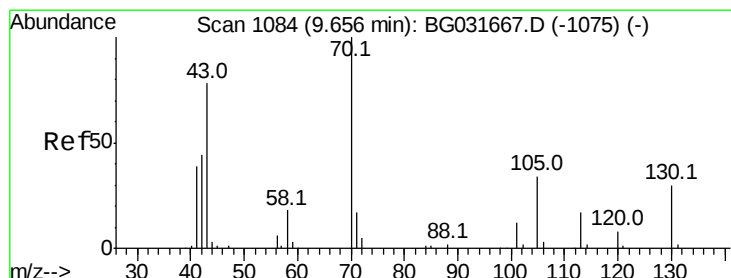
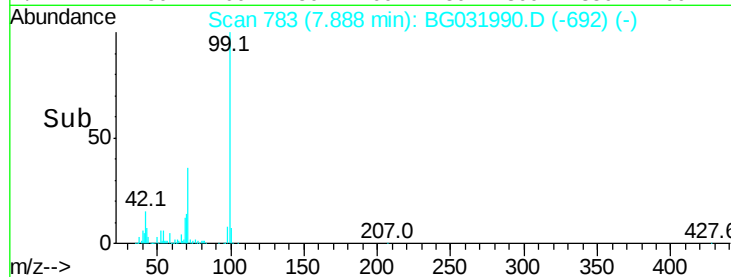
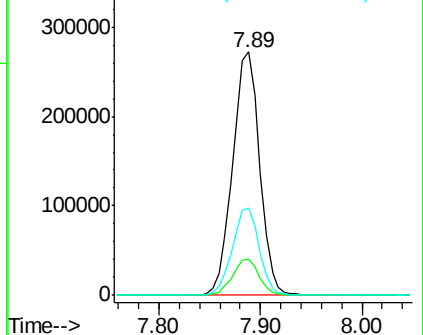
71 36.0 26.1 39.1



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: 16.859 ng

RT: 9.98 min Scan# 1139

Delta R.T. 0.39 min

Lab File: BG031990.D

Acq: 11 Jan 2018 18:54

Tgt Ion: 70 Resp: 48578

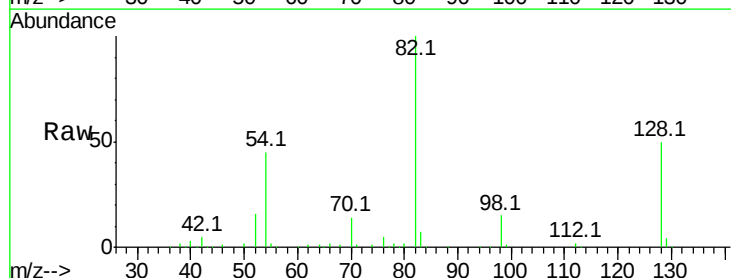
Ion Ratio Lower Upper

70 100

42 37.7 49.1 73.7#

101 0.0 8.5 12.7#

130 1.9 13.4 20.0#

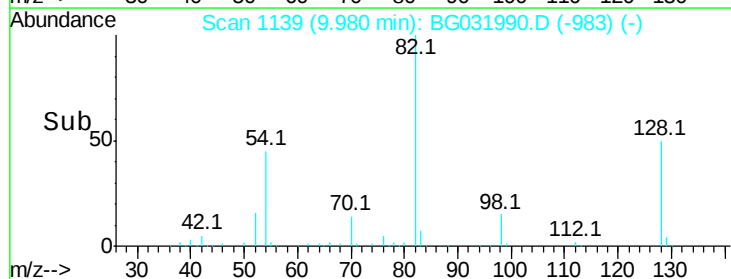
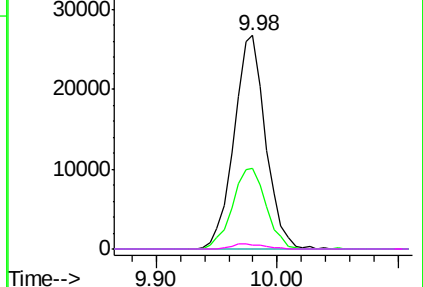


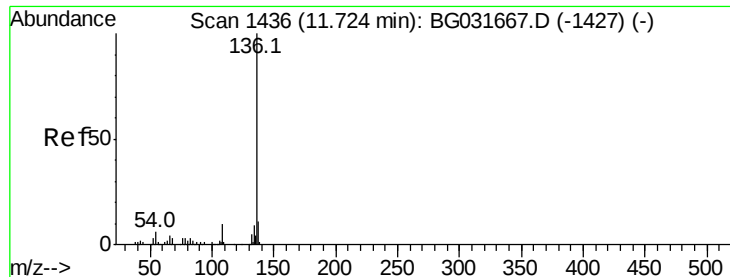
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

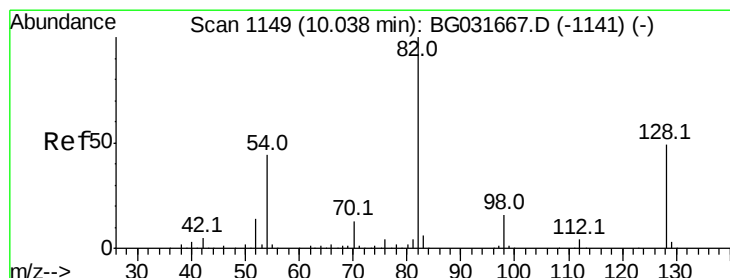
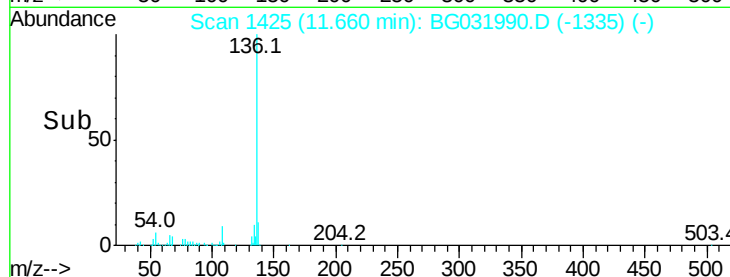
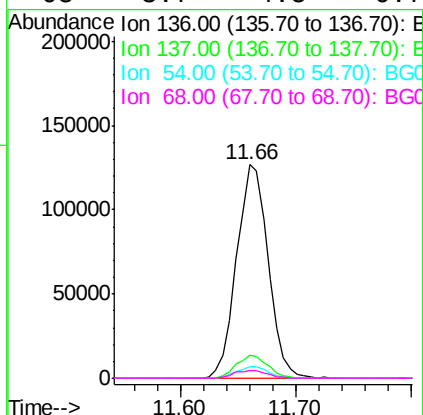
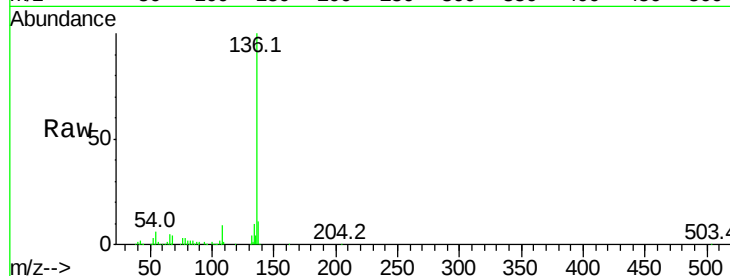




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.66 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BG031990.D
Acq: 11 Jan 2018 18:54

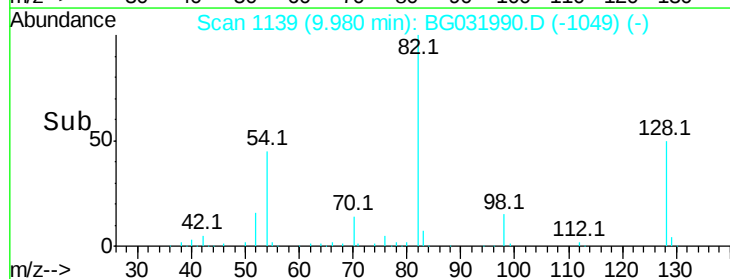
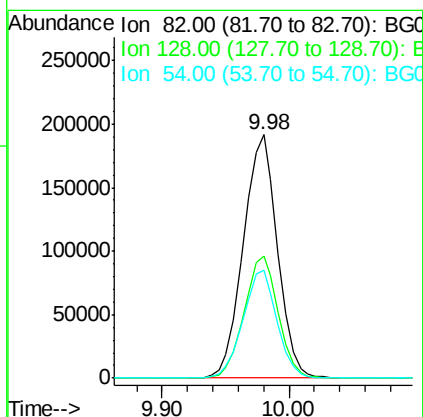
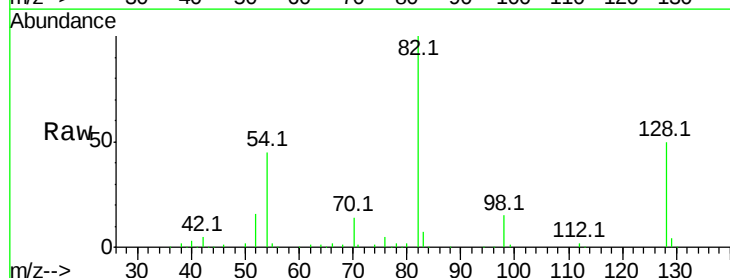
Instrument :
BNA_G
ClientSampleId :

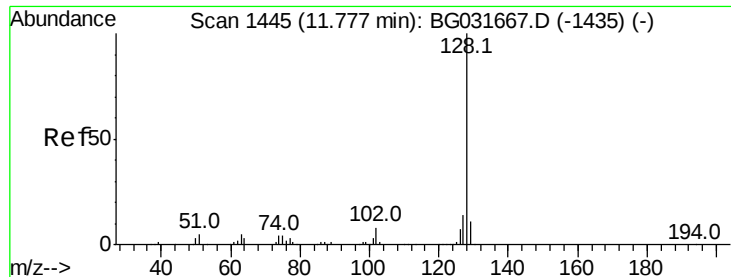
Tot Ion:	136	Resp:	240247
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	5.7	10.3	15.5#
68	3.7	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 112.709 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BG031990.D
Acq: 11 Jan 2018 18:54

Tgt Ion:	82	Resp:	358591
Ion	Ratio	Lower	Upper
82	100		
128	49.9	29.7	44.5#
54	44.6	43.1	64.7

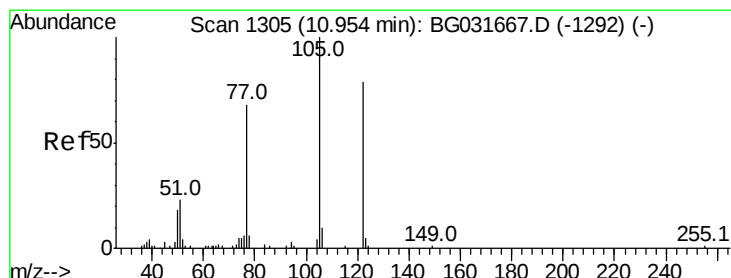
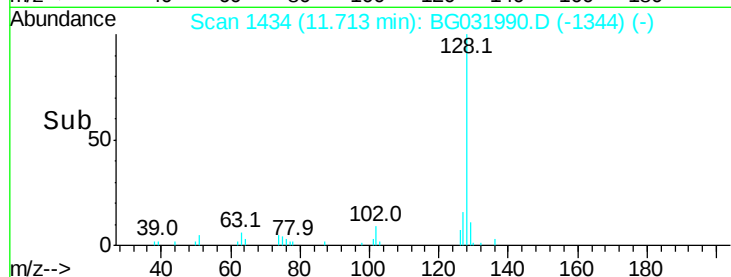
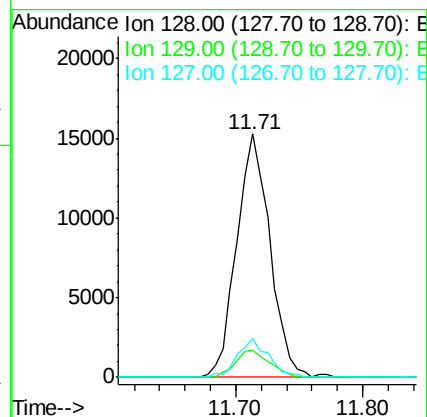
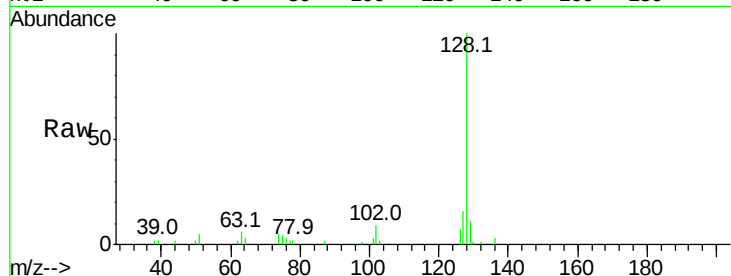




#31
Naphthalene
Concen: 2.287 ng
RT: 11.71 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BG031990.D
Acq: 11 Jan 2018 18:54

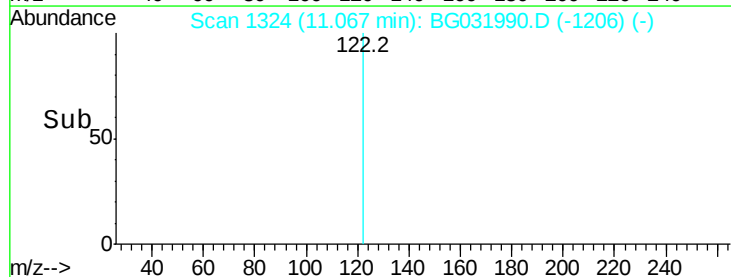
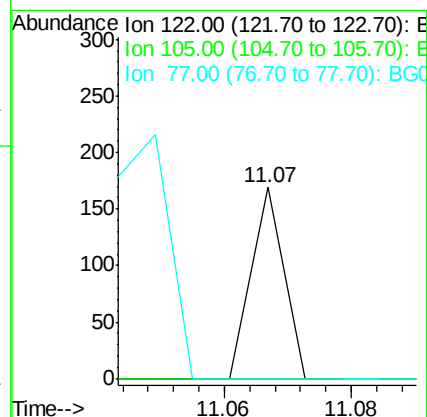
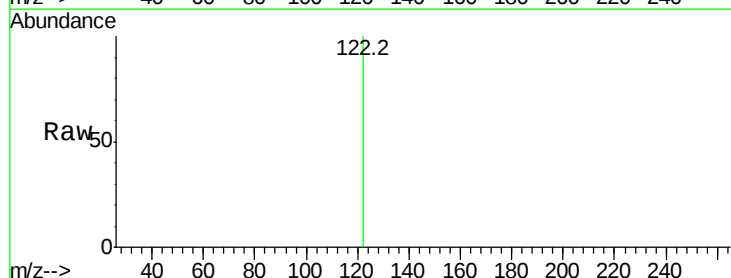
Instrument :
BNA_G
ClientSampleId :

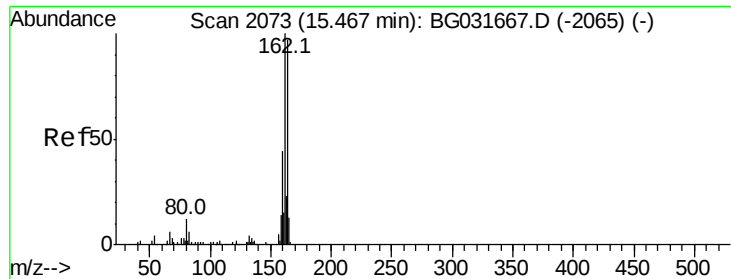
Tot Ion:128 Resp: 27732
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 16.0 11.6 17.4



#32
Benzoic acid
Concen: 6.716 ng
RT: 11.07 min Scan# 1324
Delta R.T. 0.16 min
Lab File: BG031990.D
Acq: 11 Jan 2018 18:54

Tgt Ion:122 Resp: 60
Ion Ratio Lower Upper
122 100
105 0.0 123.5 163.5#
77 0.0 85.7 125.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.41 min Scan# 2063

Delta R.T. -0.00 min

Lab File: BG031990.D

Acq: 11 Jan 2018 18:54

Instrument :

BNA_G

ClientSampled :

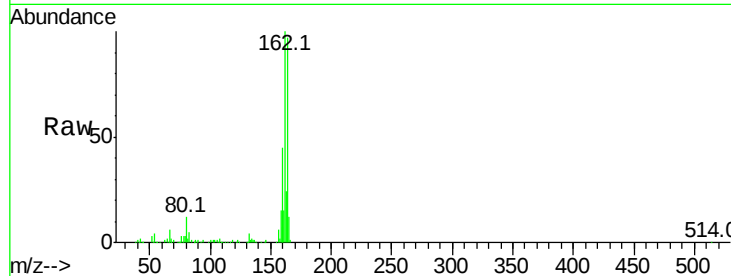
Tot Ion:164 Resp: 168858

Ion Ratio Lower Upper

164 100

162 103.6 78.8 118.2

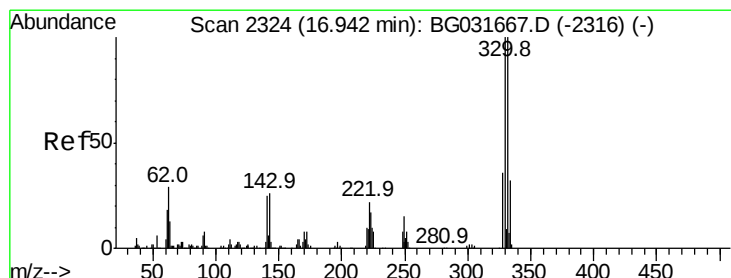
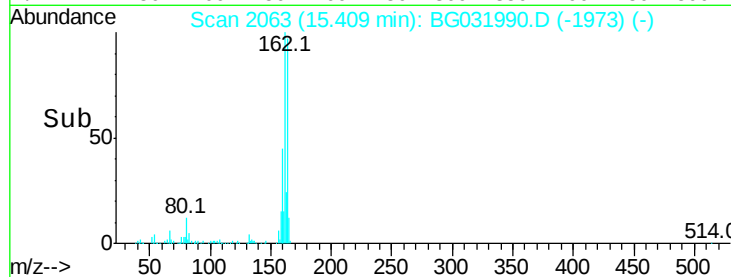
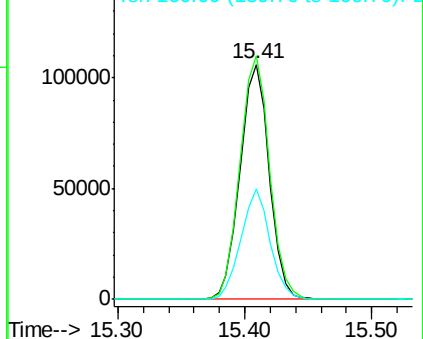
160 46.9 35.4 53.0



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: 158.601 ng

RT: 16.88 min Scan# 2314

Delta R.T. -0.00 min

Lab File: BG031990.D

Acq: 11 Jan 2018 18:54

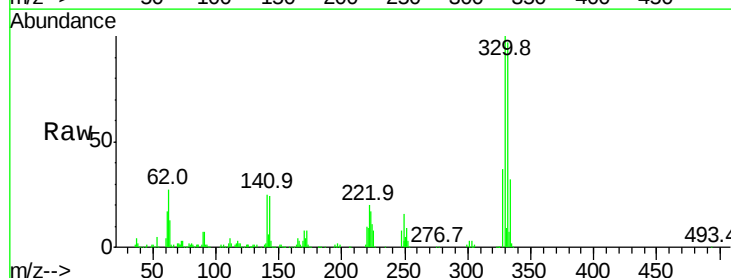
Tgt Ion:330 Resp: 408641

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

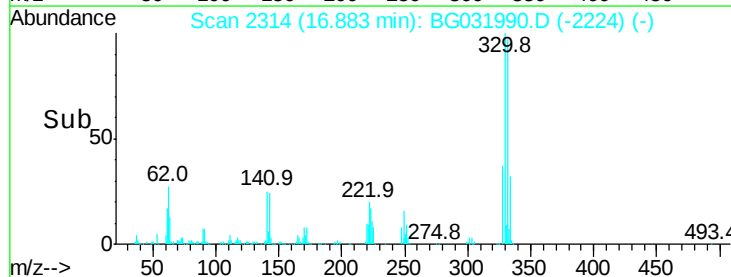
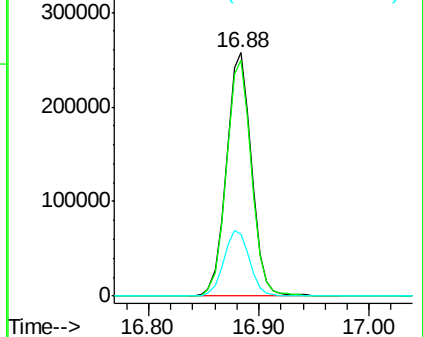
141 27.5 25.2 37.8

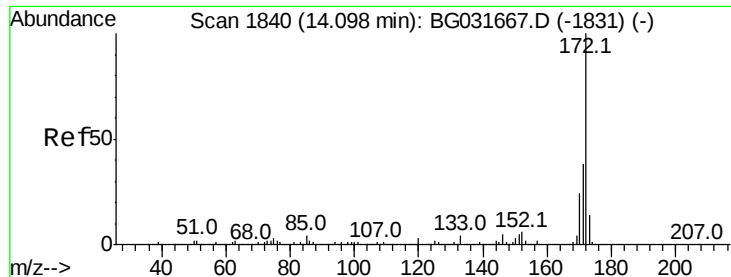


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



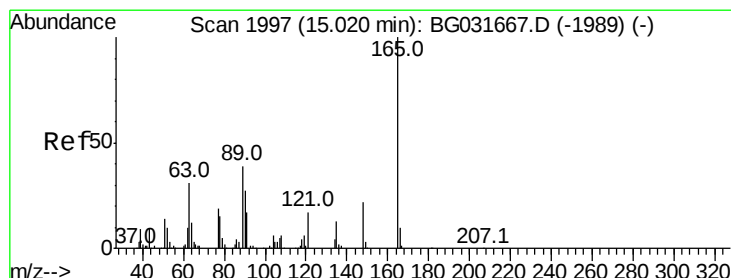
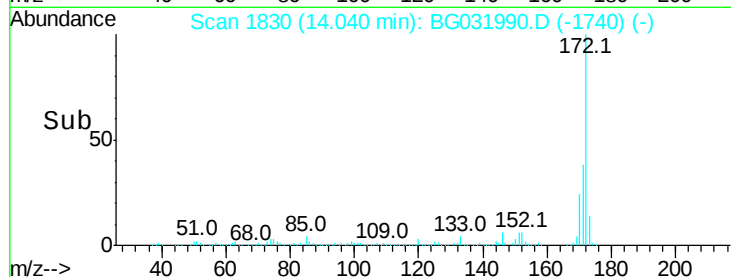
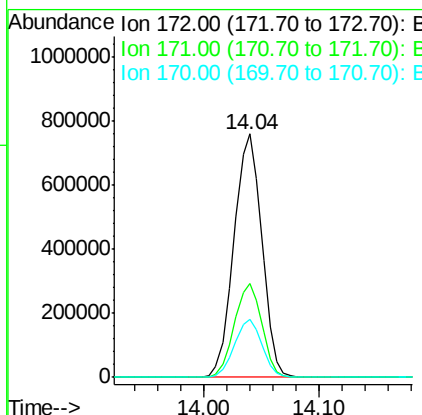
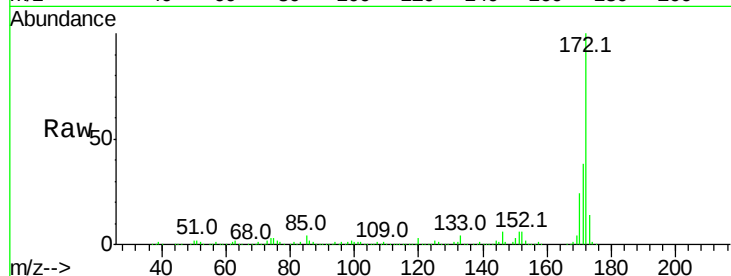


#44
 2-Fluorobiphenyl
 Concen: 94.405 ng
 RT: 14.04 min Scan# 1830
 Delta R.T. -0.00 min
 Lab File: BG031990.D
 Acq: 11 Jan 2018 18:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1270069

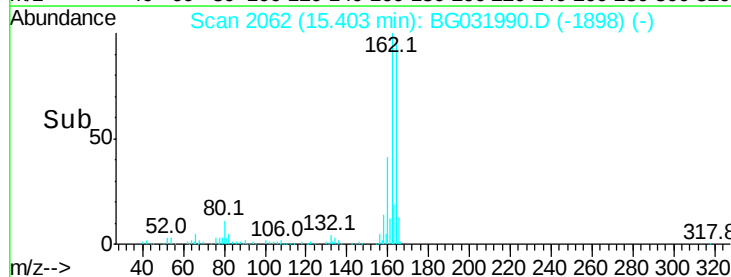
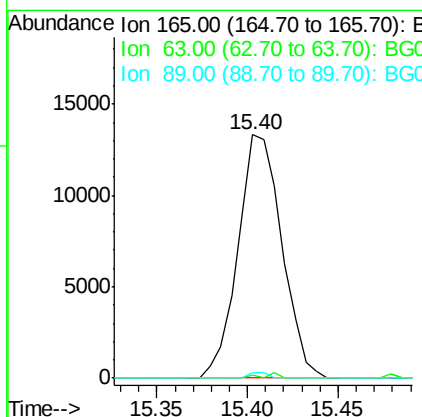
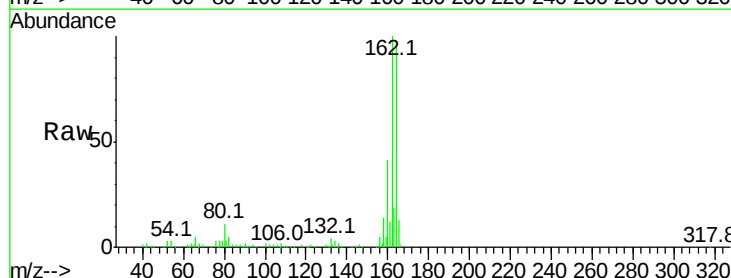
Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	24.0	19.5	29.3

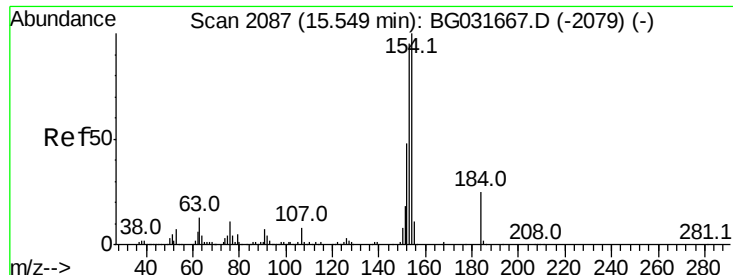


#50
 2,6-Dinitrotoluene
 Concen: 8.175 ng
 RT: 15.40 min Scan# 2062
 Delta R.T. 0.43 min
 Lab File: BG031990.D
 Acq: 11 Jan 2018 18:54

Tgt Ion:165 Resp: 22371

Ion	Ratio	Lower	Upper
165	100		
63	1.2	52.7	79.1#
89	2.1	49.2	73.8#

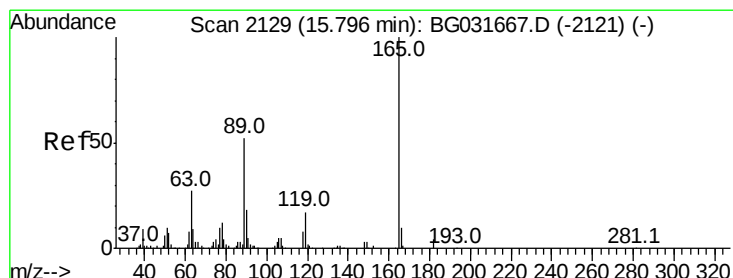
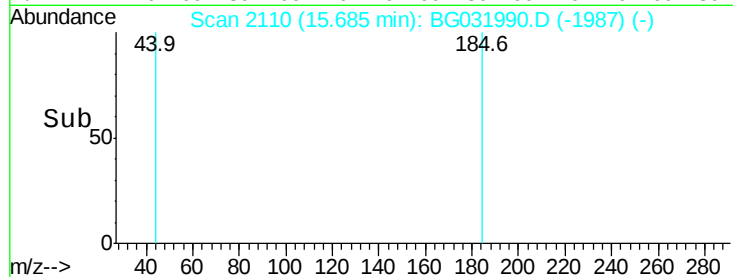
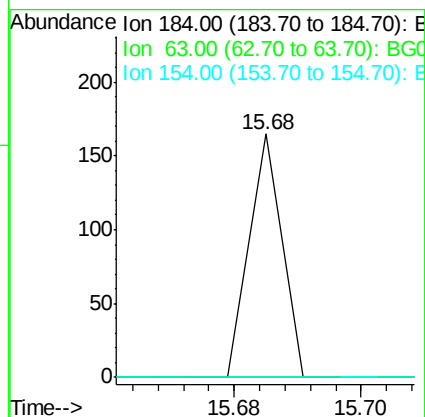
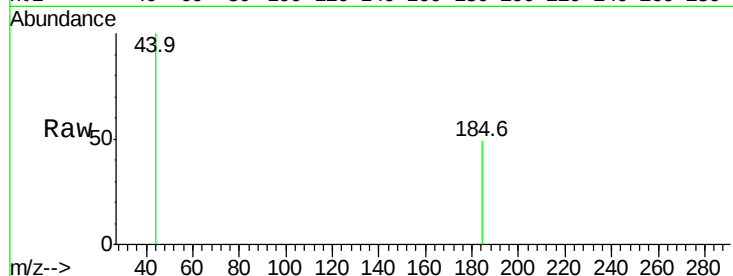




#53
 2,4-Dinitrophenol
 Concen: 7.678 ng
 RT: 15.68 min Scan# 2110
 Delta R.T. 0.19 min
 Lab File: BG031990.D
 Acq: 11 Jan 2018 18:54

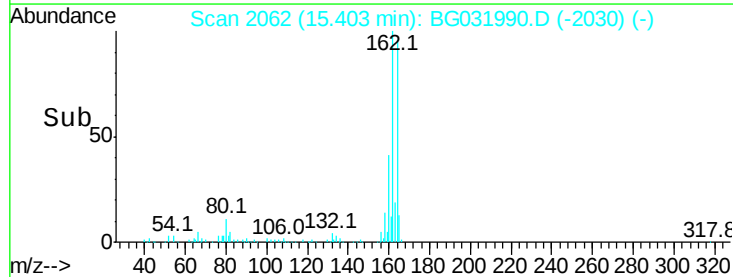
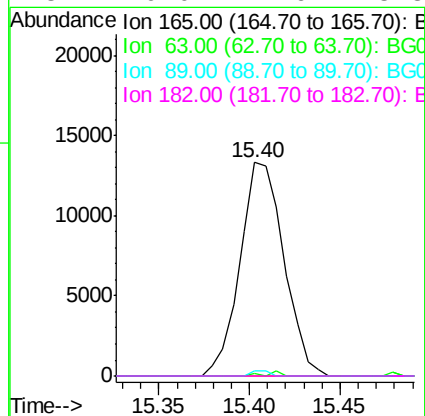
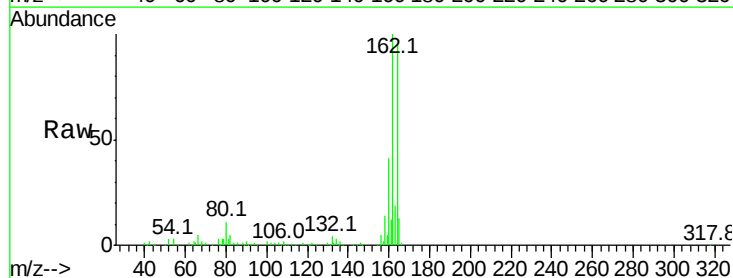
Instrument :
 BNA_G
 ClientSampleId :

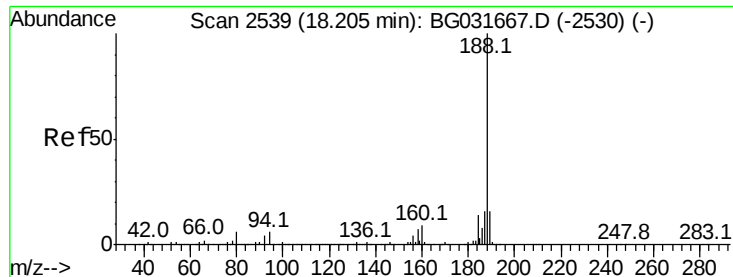
Tot Ion:184 Resp: 58
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#



#56
 2,4-Dinitrotoluene
 Concen: 6.357 ng
 RT: 15.40 min Scan# 2062
 Delta R.T. -0.34 min
 Lab File: BG031990.D
 Acq: 11 Jan 2018 18:54

Tgt Ion:165 Resp: 22371
 Ion Ratio Lower Upper
 165 100
 63 1.2 42.0 63.0#
 89 2.1 66.9 100.3#
 182 0.0 2.6 3.8#

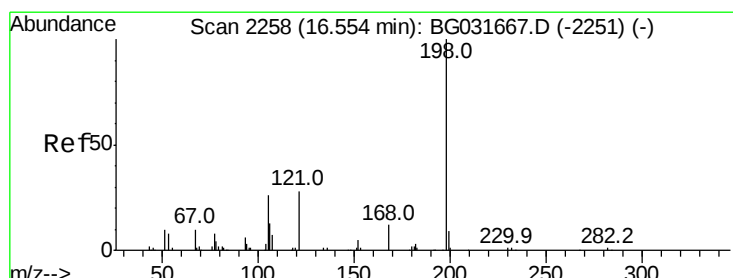
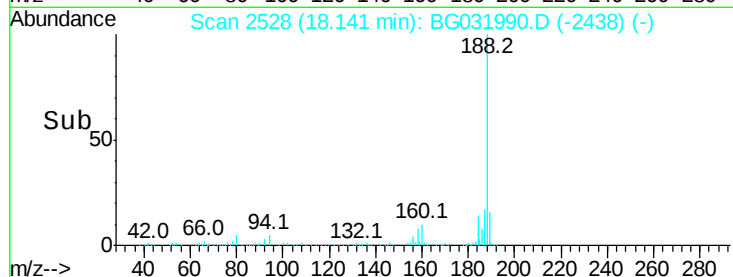
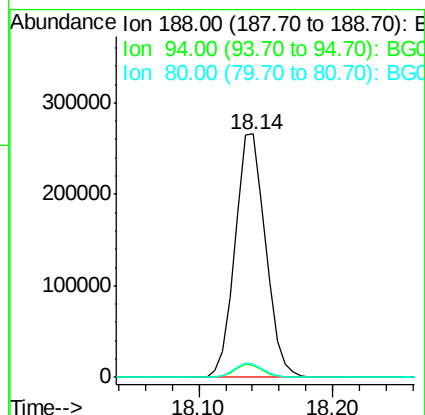
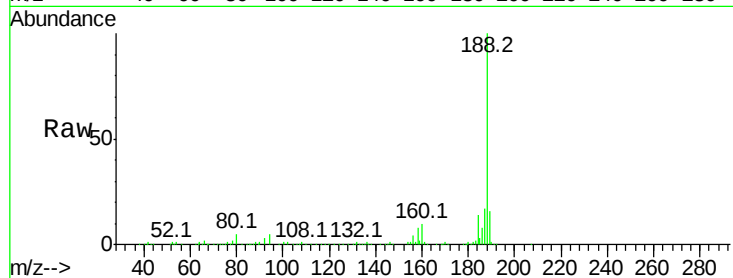




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.14 min Scan# 2528
Delta R.T. -0.00 min
Lab File: BG031990.D
Acq: 11 Jan 2018 18:54

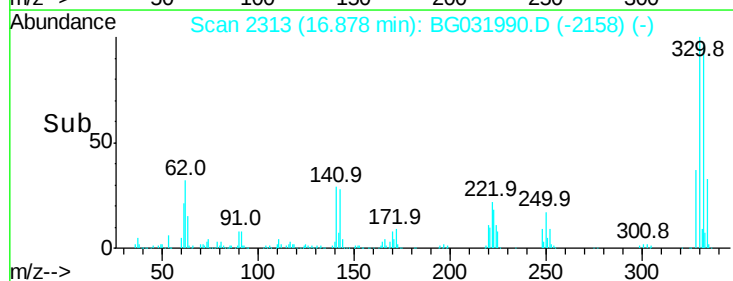
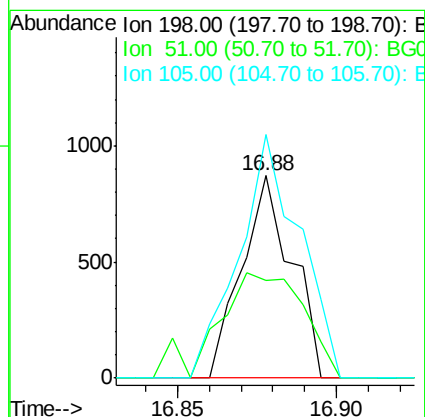
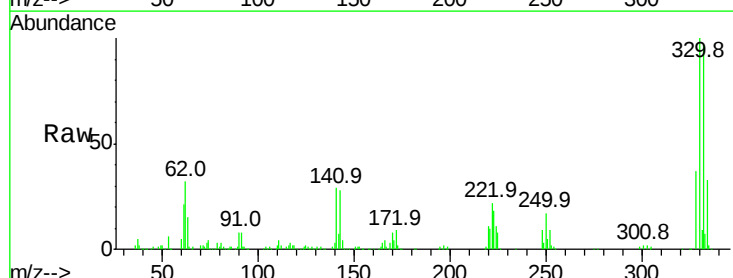
Instrument :
BNA_G
ClientSampleId :

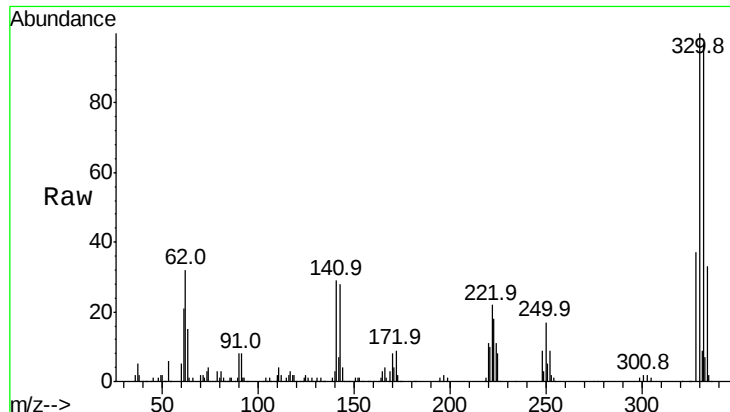
Tot Ion:188 Resp: 422799
Ion Ratio Lower Upper
188 100
94 5.0 6.9 10.3#
80 5.3 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 8.689 ng
RT: 16.88 min Scan# 2313
Delta R.T. 0.38 min
Lab File: BG031990.D
Acq: 11 Jan 2018 18:54

Tgt Ion:198 Resp: 953
Ion Ratio Lower Upper
198 100
51 48.3 30.6 70.6
105 120.3 23.8 63.8#





#66

4-Bromophenyl-phenylether

Concen: 5.400 ng

RT: 16.88 min Scan# 2313

Delta R.T. -0.44 min

Lab File: BG031990.D

Acq: 11 Jan 2018 18:54

Instrument :

BNA_G

ClientSampleId :

Tot Ion:248 Resp: 33018

Ion Ratio Lower Upper

248 100

250 190.4 77.1 115.7#

141 319.1 50.8 76.2#

