

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010918\
 Data File : BG031966.D
 Acq On : 10 Jan 2018 4:34
 Operator : SJ/JU
 Sample : J1023-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 10 06:23:25 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 05 15:31:34 2018
 Response via : Initial Calibration

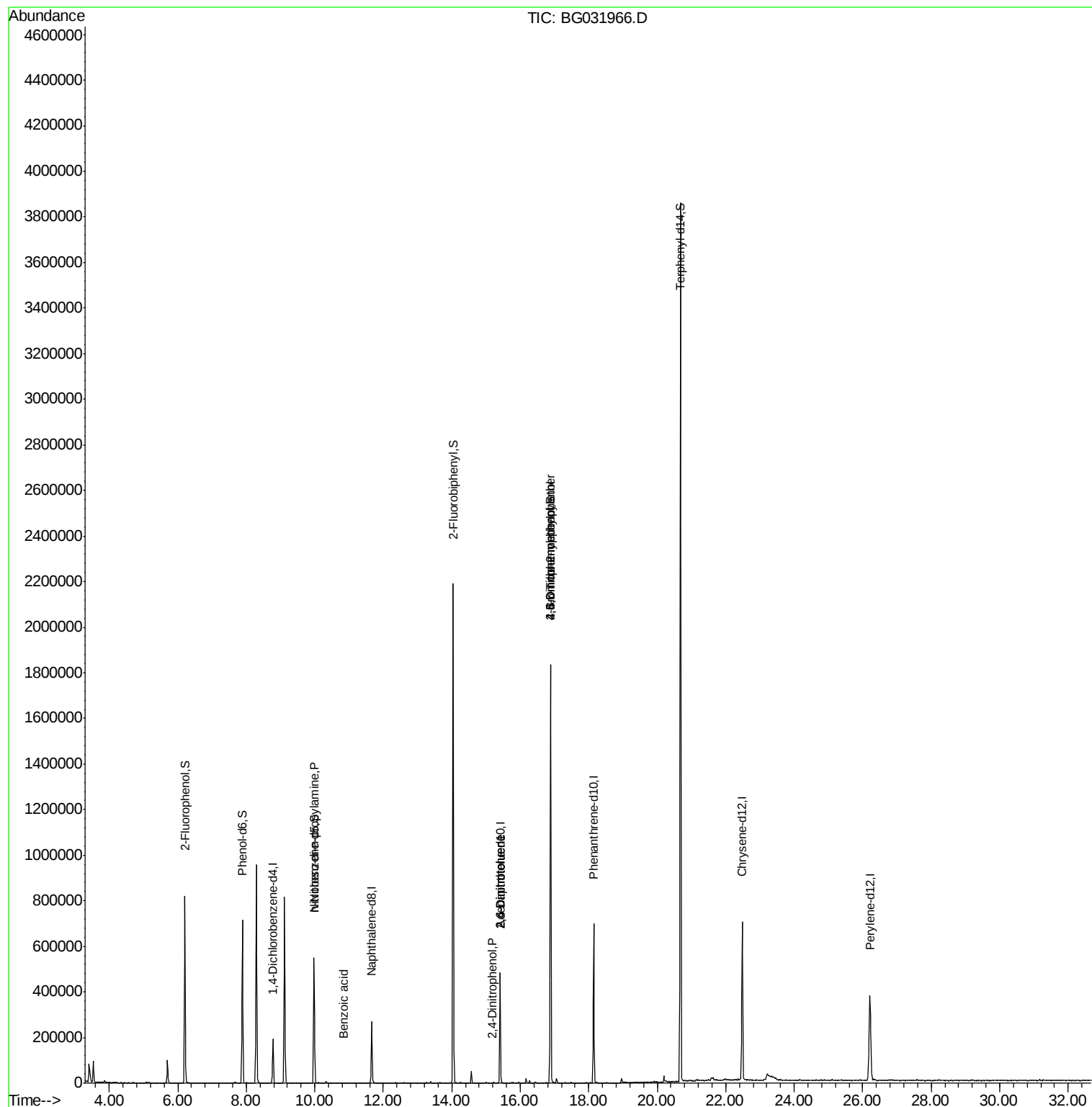
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	65413	20.00	ng	0.00
21) Naphthalene-d8	11.66	136	271883	20.00	ng	-0.01
38) Acenaphthene-d10	15.41	164	190196	20.00	ng	-0.02
63) Phenanthrene-d10	18.14	188	481775	20.00	ng	-0.02
75) Chrysene-d12	22.48	240	536116	20.00	ng	-0.04
86) Perylene-d12	26.21	264	541140	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	441674	122.98	ng	0.00
7) Phenol-d6	7.88	99	506791	108.69	ng	0.00
23) Nitrobenzene-d5	9.98	82	366976	101.92	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	427608	147.34	ng	-0.02
44) 2-Fluorobiphenyl	14.04	172	1294294	85.41	ng	-0.01
78) Terphenyl-d14	20.67	244	2141881	91.28	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.97	70	49149	15.434	ng	# 71
32) Benzoic acid	10.85	122	128	6.734	ng	# 1
50) 2,6-Dinitrotoluene	15.41	165	24870	8.068	ng	# 20
53) 2,4-Dinitrophenol	15.18	184	53	7.670	ng	# 1
56) 2,4-Dinitrotoluene	15.41	165	24870	6.275	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.88	198	946	8.640	ng	# 2
66) 4-Bromophenyl-phenylether	16.88	248	36045	5.174	ng	# 1

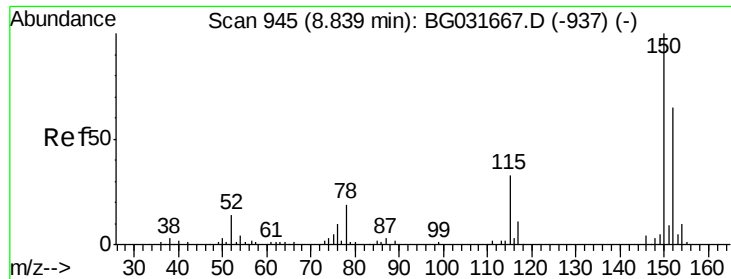
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 19 Sample Multiplier: 1

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Quant Time: Jan 10 06:23:25 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
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Response via : Initial Calibration



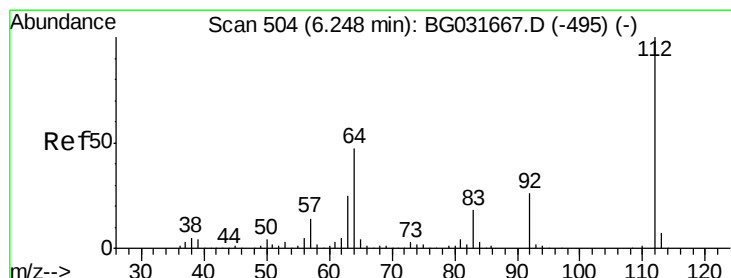
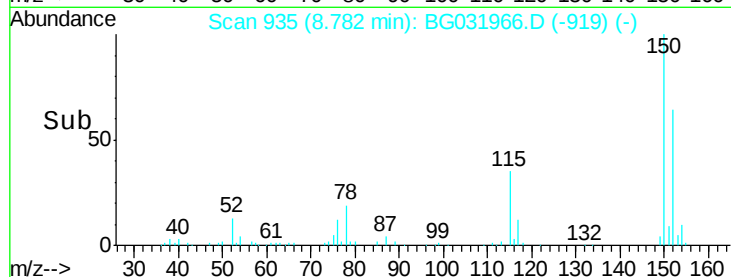
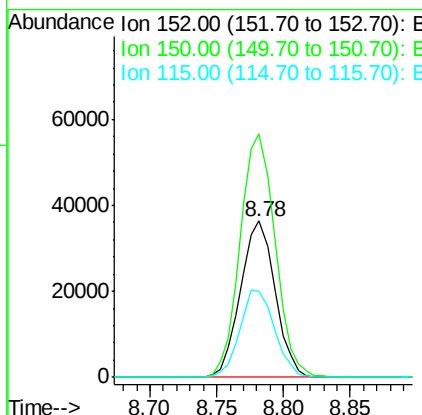
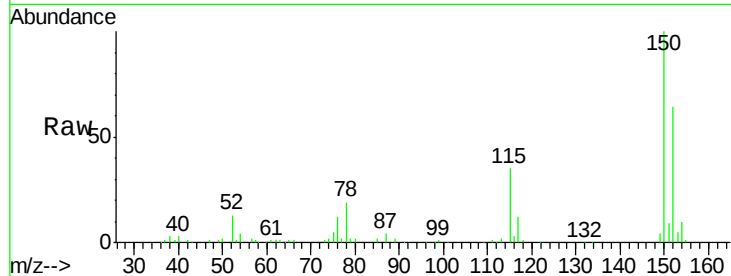


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 935
Delta R.T. -0.01 min
Lab File: BG031966.D
Acq: 10 Jan 2018 4:34

Instrument :
BNA_G
ClientSampleId :

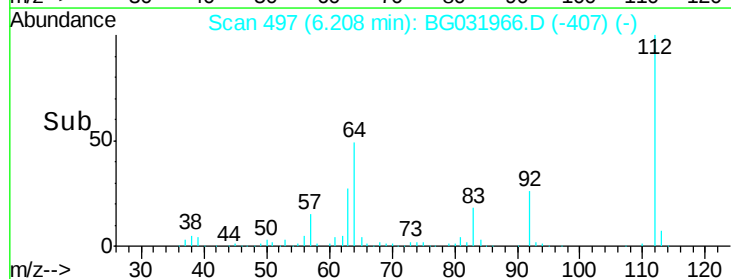
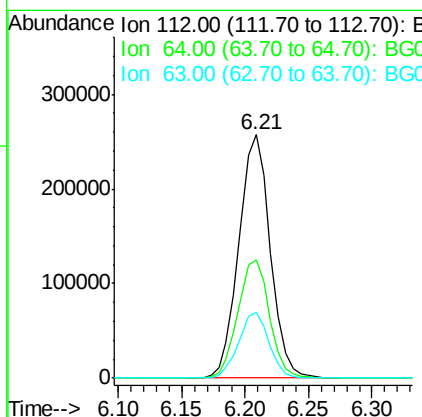
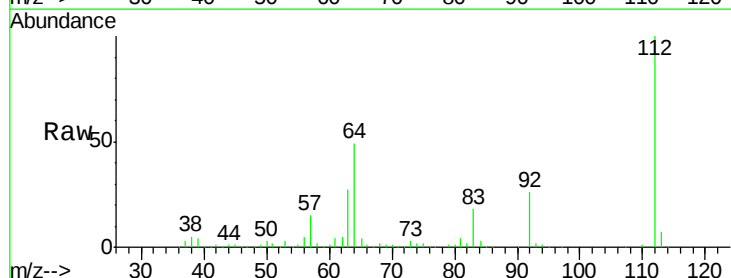
Tot Ion:152 Resp: 65413
Ion Ratio Lower Upper
152 100
150 155.8 126.6 189.8
115 55.0 53.0 79.4



#5

2-Fluorophenol
Concen: 122.981 ng
RT: 6.21 min Scan# 497
Delta R.T. -0.00 min
Lab File: BG031966.D
Acq: 10 Jan 2018 4:34

Tgt Ion:112 Resp: 441674
Ion Ratio Lower Upper
112 100
64 48.6 56.3 84.5#
63 26.9 30.1 45.1#





#7

Phenol-d6

Concen: 108.688 ng

RT: 7.88 min Scan# 782

Delta R.T. -0.01 min

Lab File: BG031966.D

Acq: 10 Jan 2018 4:34

Instrument :

BNA_G

ClientSampleId :

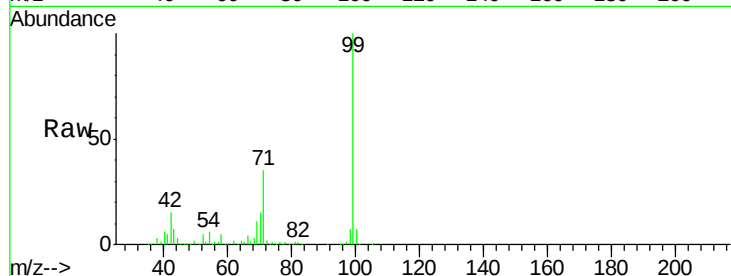
Tot Ion: 99 Resp: 506791

Ion Ratio Lower Upper

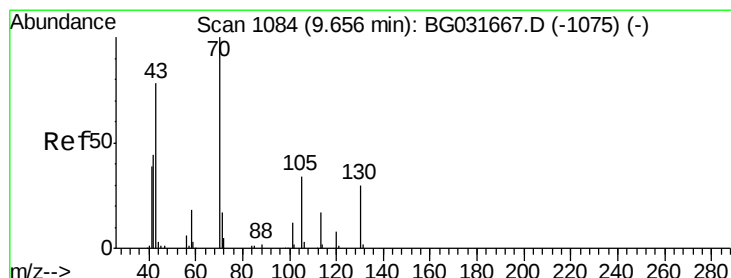
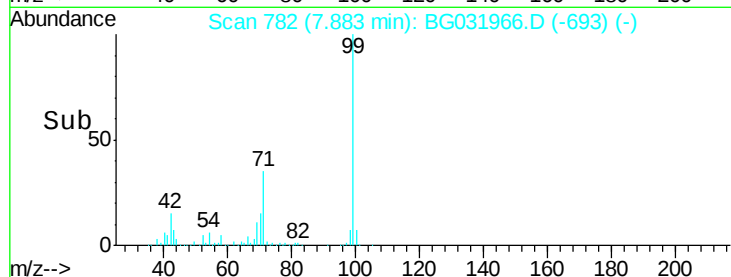
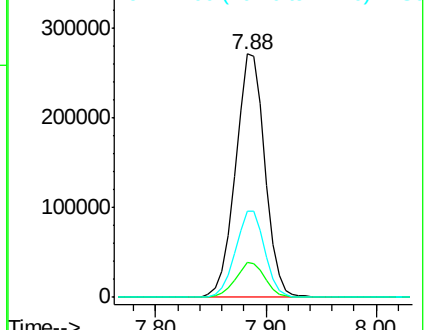
99 100

42 14.6 14.1 21.1

71 35.3 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: 15.434 ng

RT: 9.97 min Scan# 1138

Delta R.T. 0.37 min

Lab File: BG031966.D

Acq: 10 Jan 2018 4:34

Tgt Ion: 70 Resp: 49149

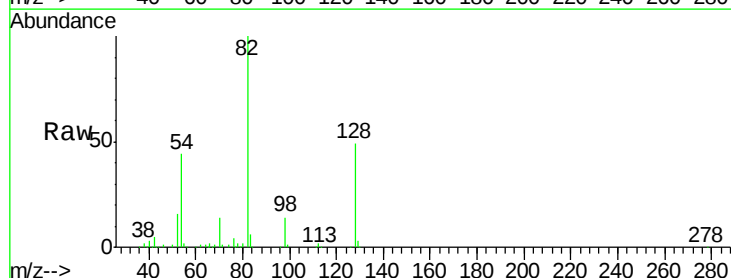
Ion Ratio Lower Upper

70 100

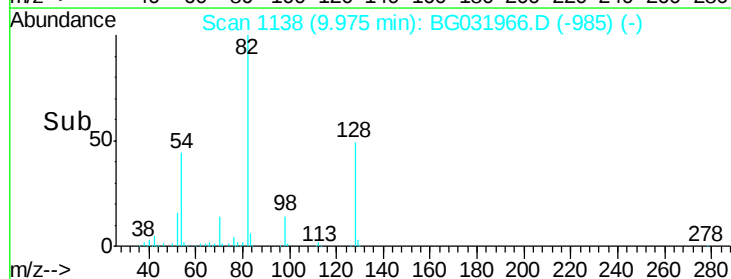
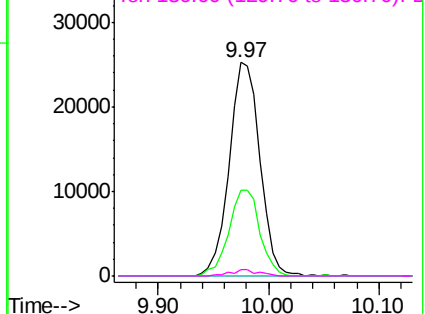
42 39.9 49.1 73.7#

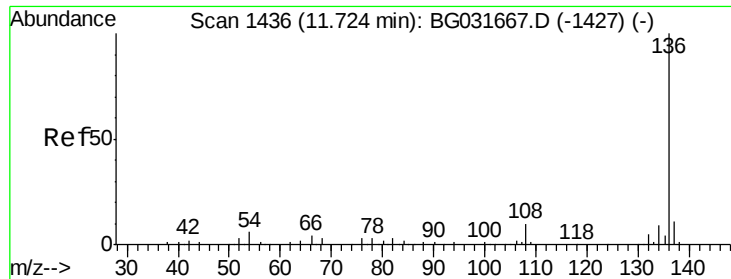
101 0.0 8.5 12.7#

130 2.8 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

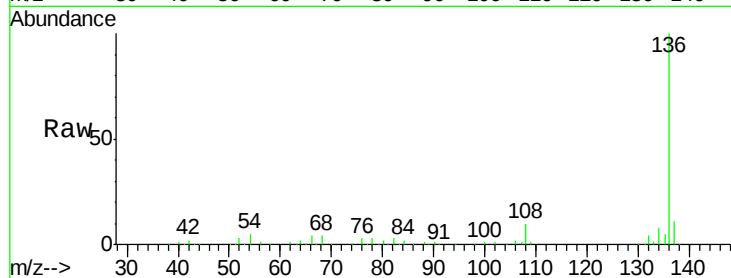




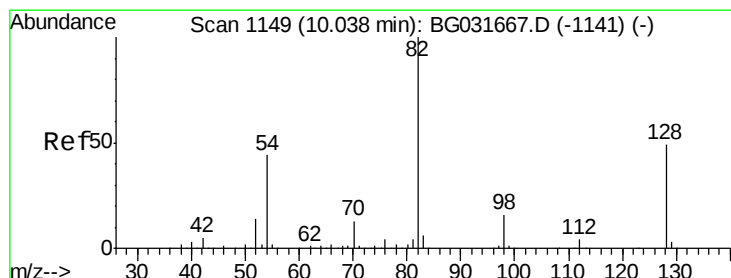
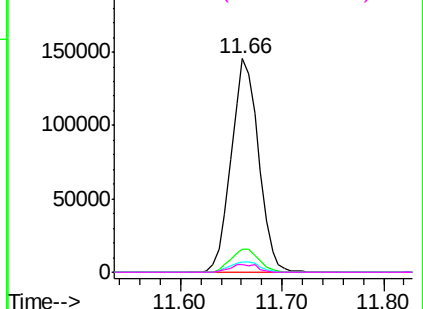
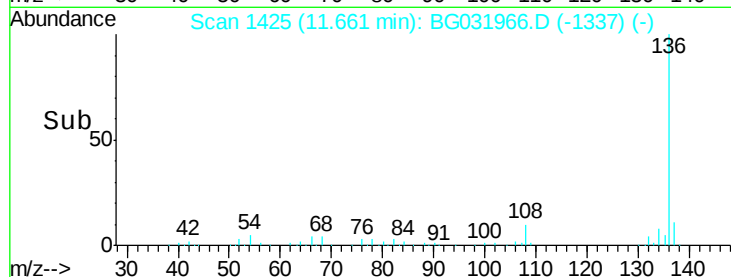
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.66 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BG031966.D
Acq: 10 Jan 2018 4:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	271883
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.2 13.8
54	5.1	10.3 15.5#
68	3.8	4.5 6.7#

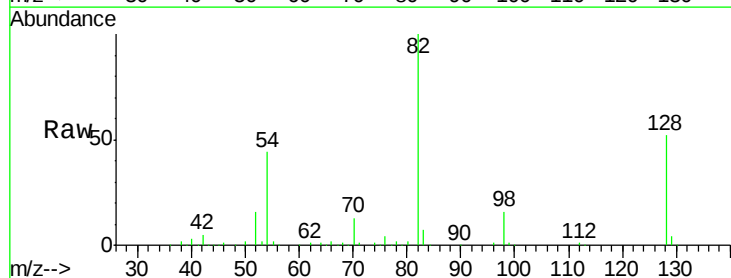


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

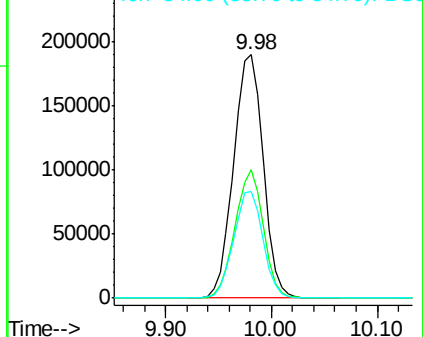
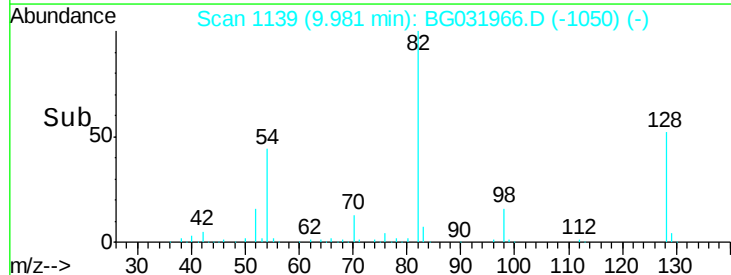


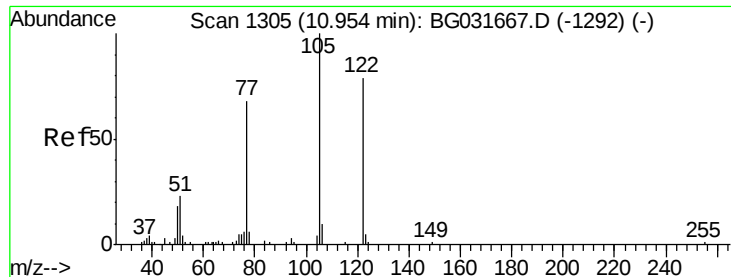
#23
Nitrobenzene-d5
Concen: 101.923 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BG031966.D
Acq: 10 Jan 2018 4:34

Tgt Ion: 82	Resp:	366976
Ion Ratio	Lower	Upper
82	100	
128	52.5	29.7 44.5#
54	44.0	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





#32

Benzoic acid

Concen: 6.734 ng

RT: 10.85 min Scan# 1287

Delta R.T. -0.06 min

Lab File: BG031966.D

Acq: 10 Jan 2018 4:34

Instrument :

BNA_G

ClientSampled :

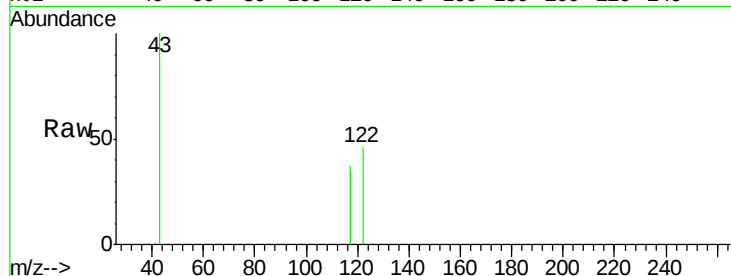
Tot Ion:122 Resp: 128

Ion Ratio Lower Upper

122 100

105 0.0 123.5 163.5#

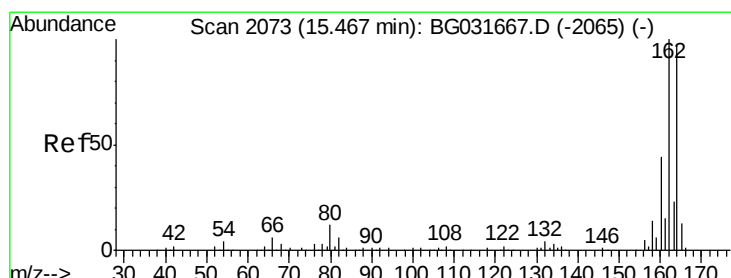
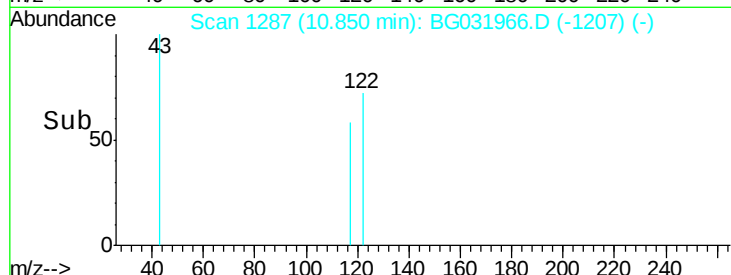
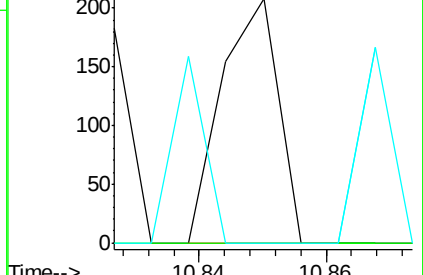
77 0.0 85.7 125.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): B



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.41 min Scan# 2063

Delta R.T. -0.02 min

Lab File: BG031966.D

Acq: 10 Jan 2018 4:34

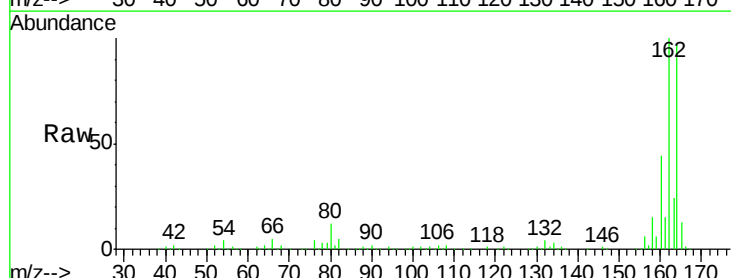
Tgt Ion:164 Resp: 190196

Ion Ratio Lower Upper

164 100

162 103.5 78.8 118.2

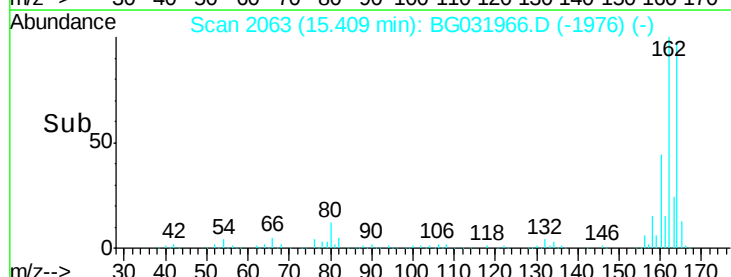
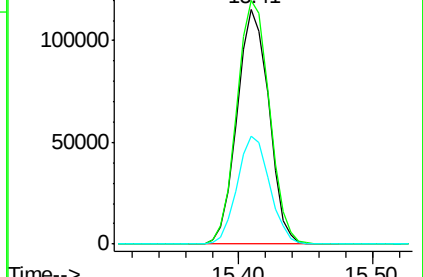
160 45.6 35.4 53.0

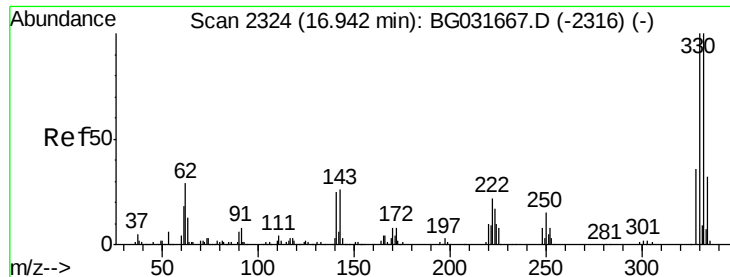


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

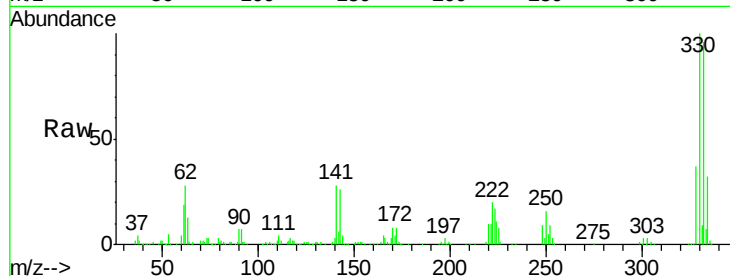




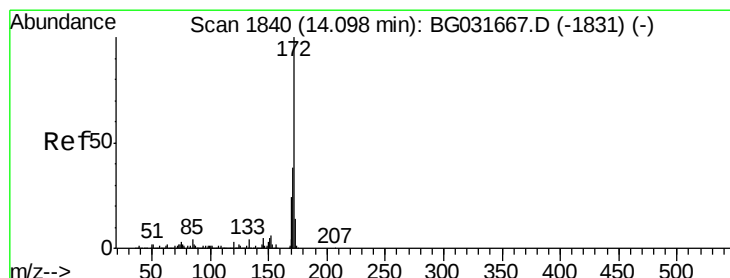
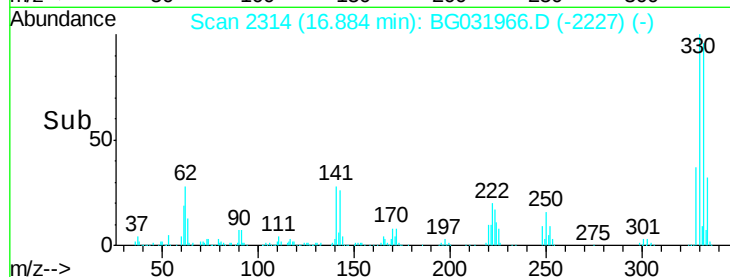
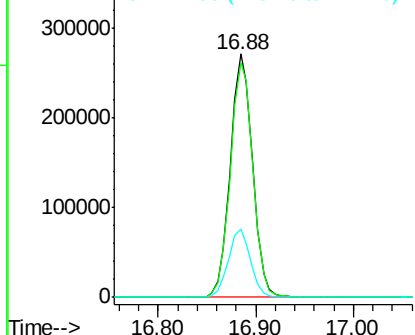
#41
 2,4,6-Tribromophenol
 Concen: 147.343 ng
 RT: 16.88 min Scan# 2314
 Delta R.T. -0.02 min
 Lab File: BG031966.D
 Acq: 10 Jan 2018 4:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 427608
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 27.9 25.2 37.8

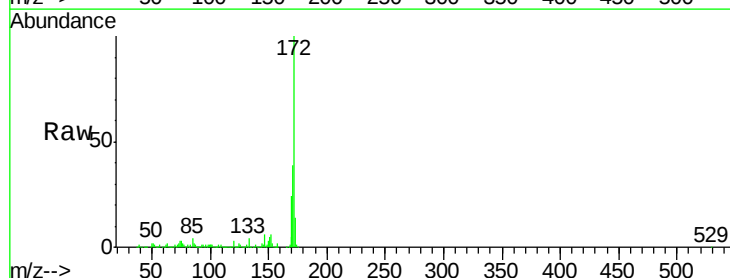


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

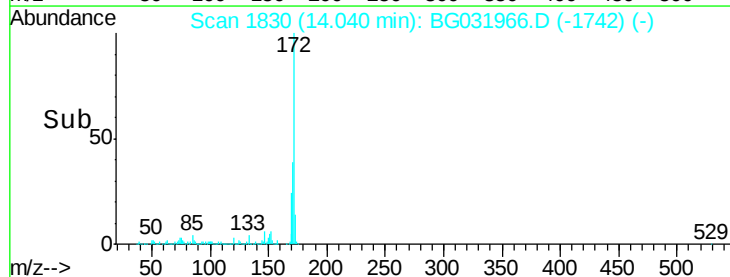
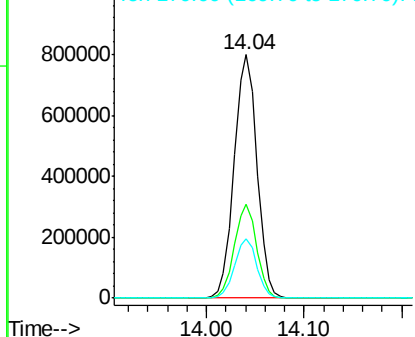


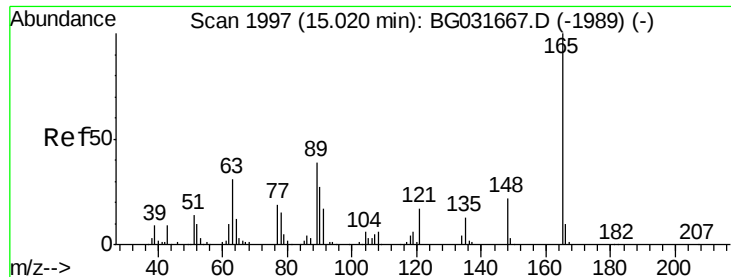
#44
 2-Fluorobiphenyl
 Concen: 85.413 ng
 RT: 14.04 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BG031966.D
 Acq: 10 Jan 2018 4:34

Tgt Ion:172 Resp: 1294294
 Ion Ratio Lower Upper
 172 100
 171 38.8 30.0 45.0
 170 24.2 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

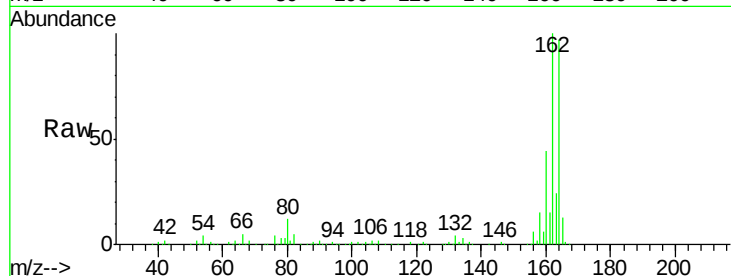




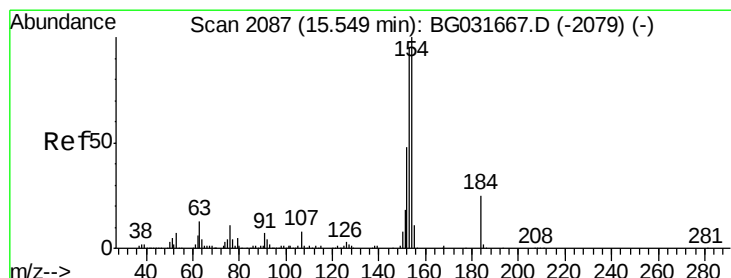
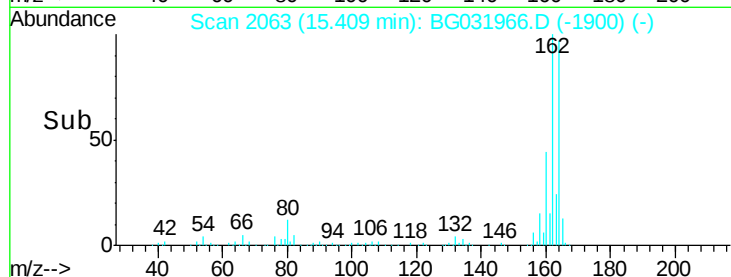
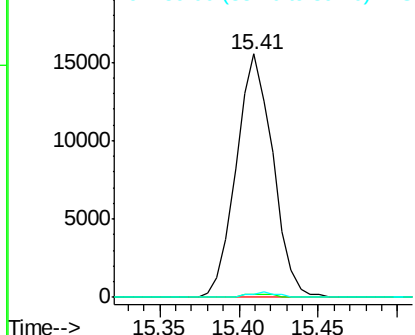
#50
2,6-Dinitrotoluene
Concen: 8.068 ng
RT: 15.41 min Scan# 2063
Delta R.T. 0.43 min
Lab File: BG031966.D
Acq: 10 Jan 2018 4:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 24870
Ion Ratio Lower Upper
165 100
63 1.5 52.7 79.1#
89 1.1 49.2 73.8#

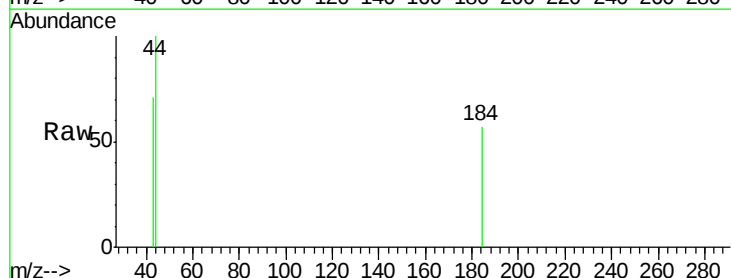


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG0
Ion 89.00 (88.70 to 89.70): BG0

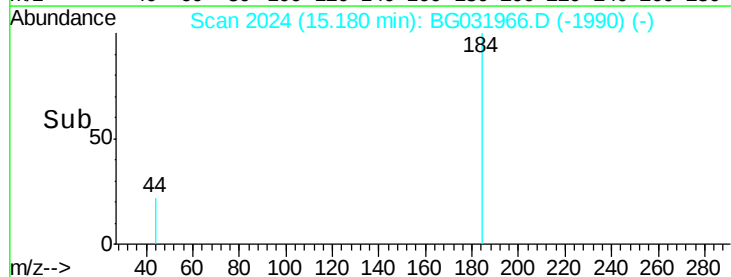
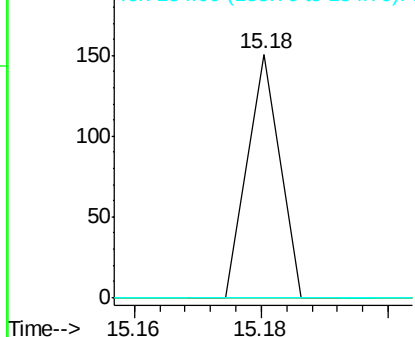


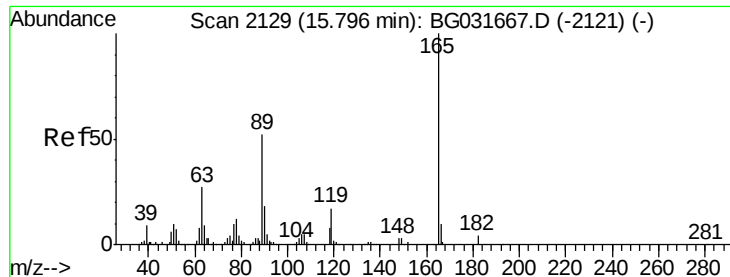
#53
2,4-Dinitrophenol
Concen: 7.670 ng
RT: 15.18 min Scan# 2024
Delta R.T. -0.33 min
Lab File: BG031966.D
Acq: 10 Jan 2018 4:34

Tgt Ion:184 Resp: 53
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG0
Ion 154.00 (153.70 to 154.70): E

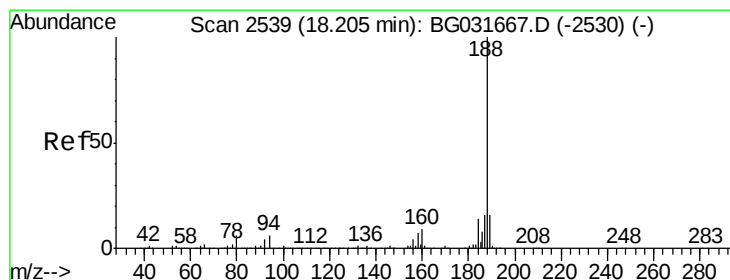
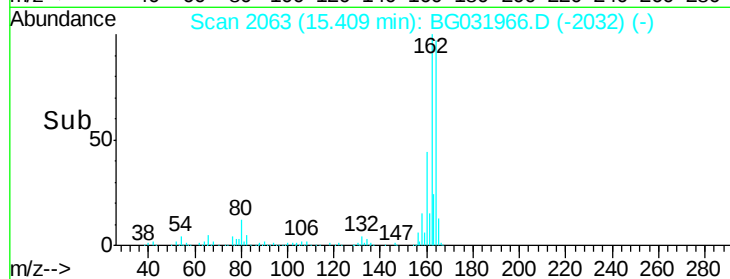
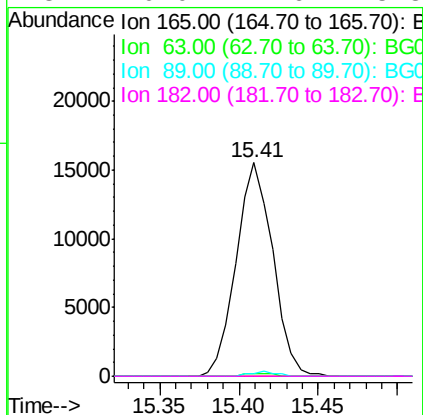
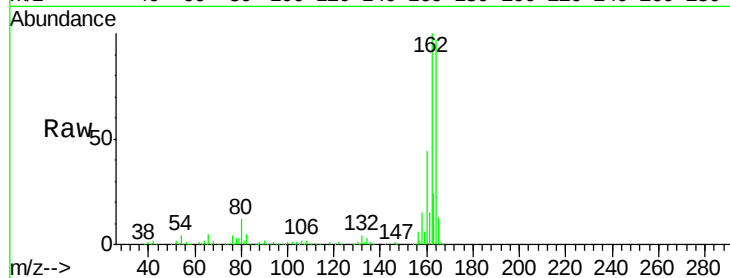




#56
 2,4-Dinitrotoluene
 Concen: 6.275 ng
 RT: 15.41 min Scan# 2063
 Delta R.T. -0.35 min
 Lab File: BG031966.D
 Acq: 10 Jan 2018 4:34

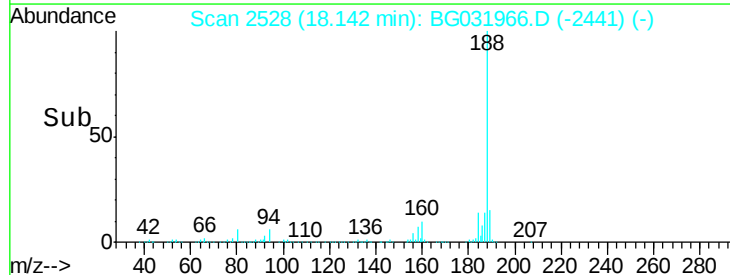
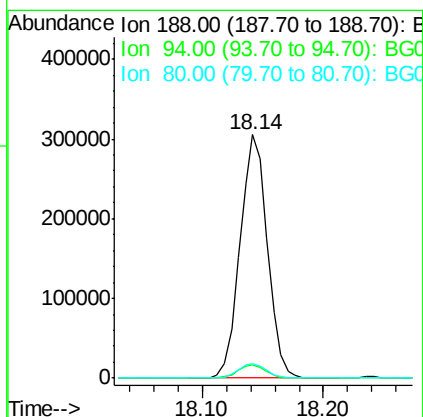
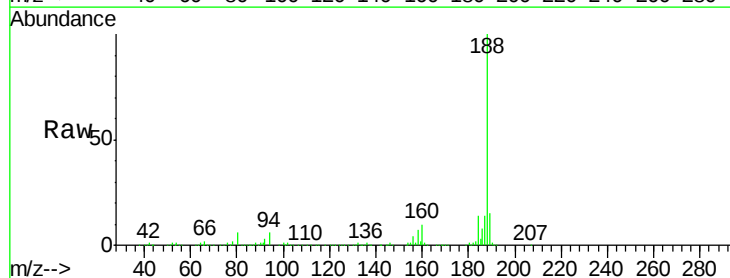
Instrument :
 BNA_G
 ClientSampleId :

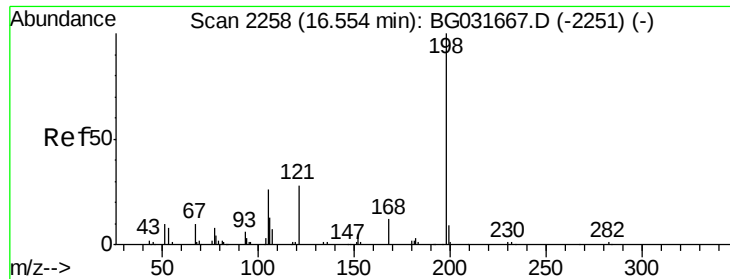
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	42.0	63.0#
89	1.1	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.14 min Scan# 2528
 Delta R.T. -0.02 min
 Lab File: BG031966.D
 Acq: 10 Jan 2018 4:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.6	6.9	10.3#
80	6.0	7.7	11.5#





#64

4,6-Dinitro-2-methylphenol

Concen: 8.640 ng

RT: 16.88 min Scan# 2314

Delta R.T. 0.37 min

Lab File: BG031966.D

Acq: 10 Jan 2018 4:34

Instrument :

BNA_G

ClientSampled :

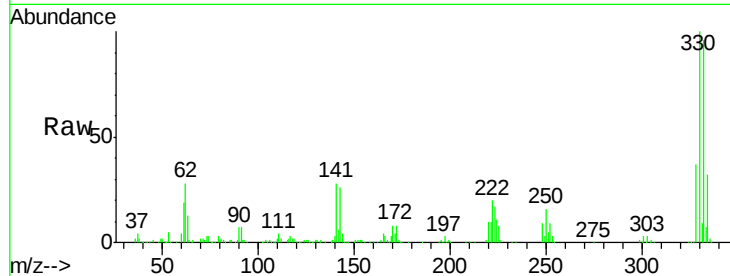
Tot Ion:198 Resp: 946

Ion Ratio Lower Upper

198 100

51 90.6 30.6 70.6#

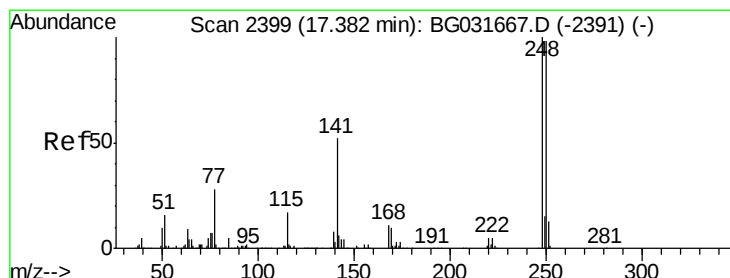
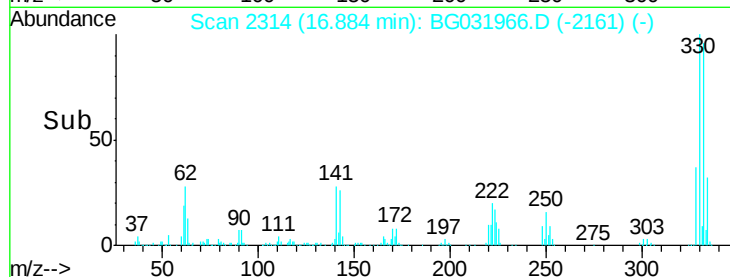
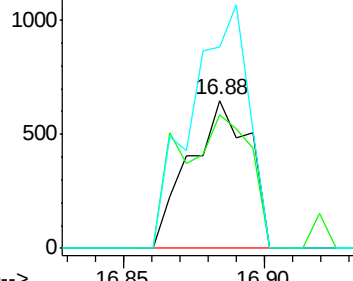
105 136.8 23.8 63.8#



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



#66

4-Bromophenyl-phenylether

Concen: 5.174 ng

RT: 16.88 min Scan# 2314

Delta R.T. -0.45 min

Lab File: BG031966.D

Acq: 10 Jan 2018 4:34

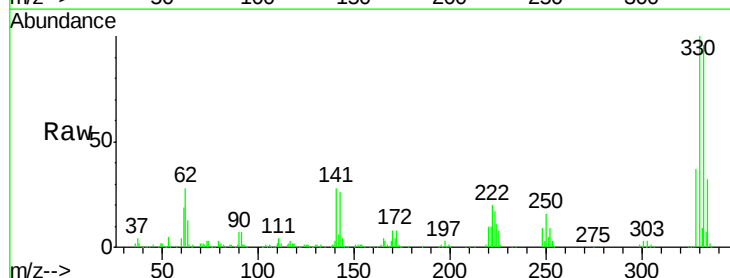
Tgt Ion:248 Resp: 36045

Ion Ratio Lower Upper

248 100

250 186.3 77.1 115.7#

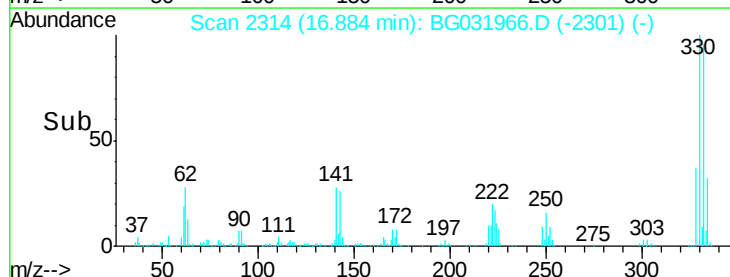
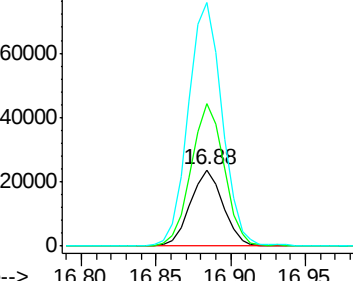
141 318.8 50.8 76.2#

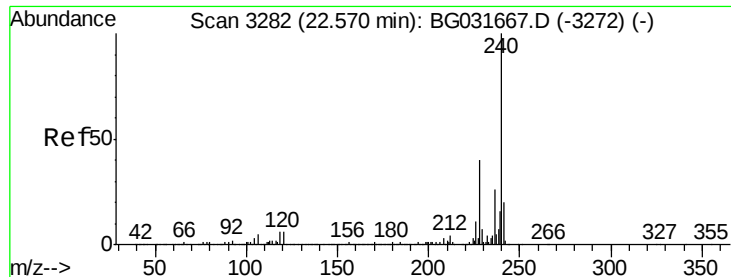


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

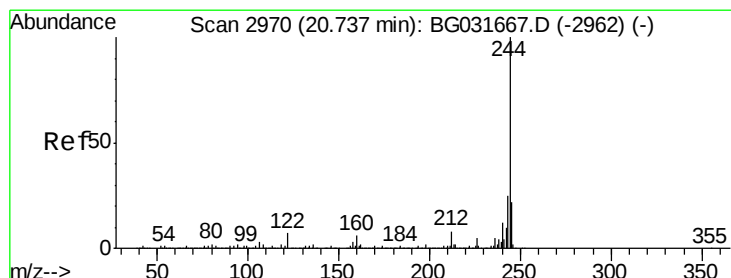
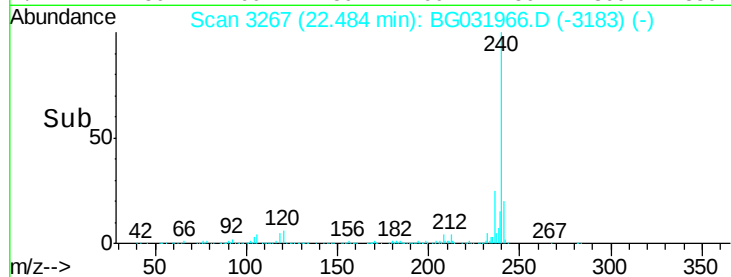
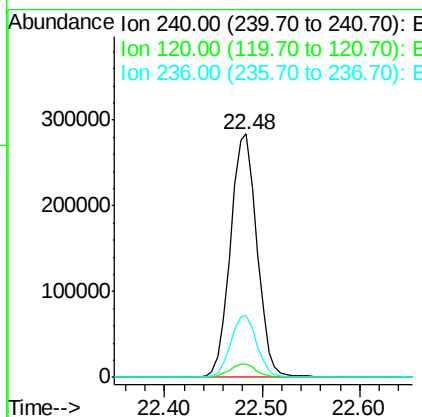
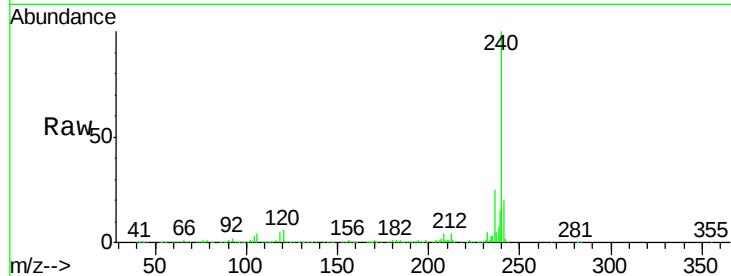




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.48 min Scan# 3267
 Delta R.T. -0.04 min
 Lab File: BG031966.D
 Acq: 10 Jan 2018 4:34

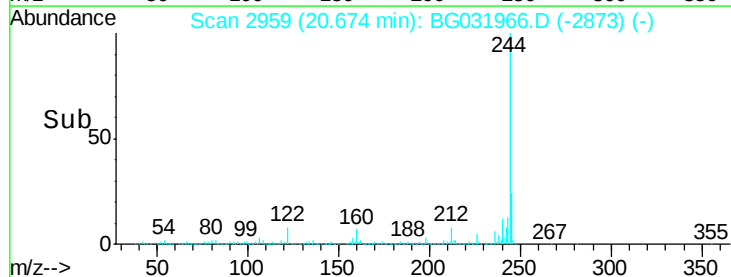
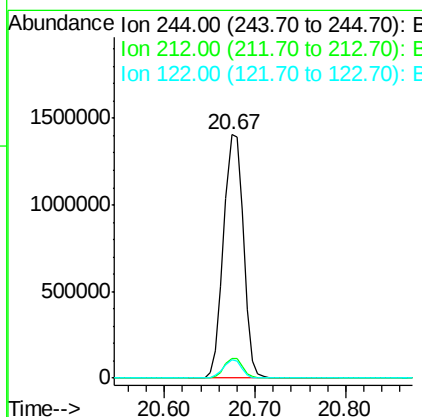
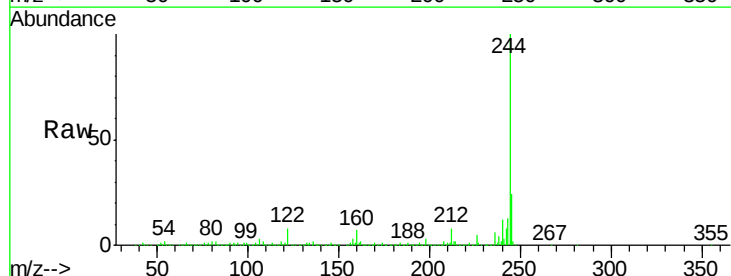
Instrument :
 BNA_G
 ClientSampleId :

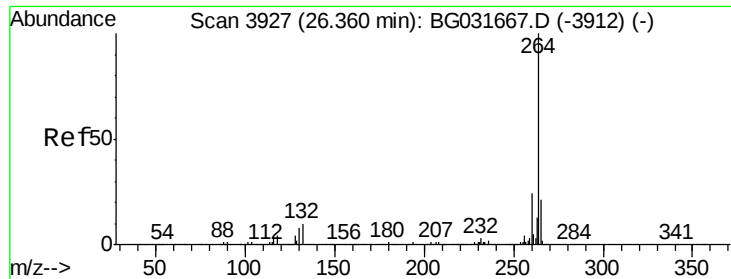
Tot Ion:240 Resp: 536116
 Ion Ratio Lower Upper
 240 100
 120 5.5 6.8 10.2#
 236 25.2 20.9 31.3



#78
 Terphenyl-d14
 Concen: 91.276 ng
 RT: 20.67 min Scan# 2959
 Delta R.T. -0.02 min
 Lab File: BG031966.D
 Acq: 10 Jan 2018 4:34

Tgt Ion:244 Resp: 2141881
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.8 8.8
 122 7.6 7.0 10.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.21 min Scan# 3901
 Delta R.T. -0.09 min
 Lab File: BG031966.D
 Acq: 10 Jan 2018 4:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
541140	264	100		
	260	22.8	17.4	26.0
	265	21.0	17.7	26.5

