

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010918\
 Data File : BG031969.D
 Acq On : 10 Jan 2018 6:26
 Operator : SJ/JU
 Sample : J1044-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 10 08:04:30 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

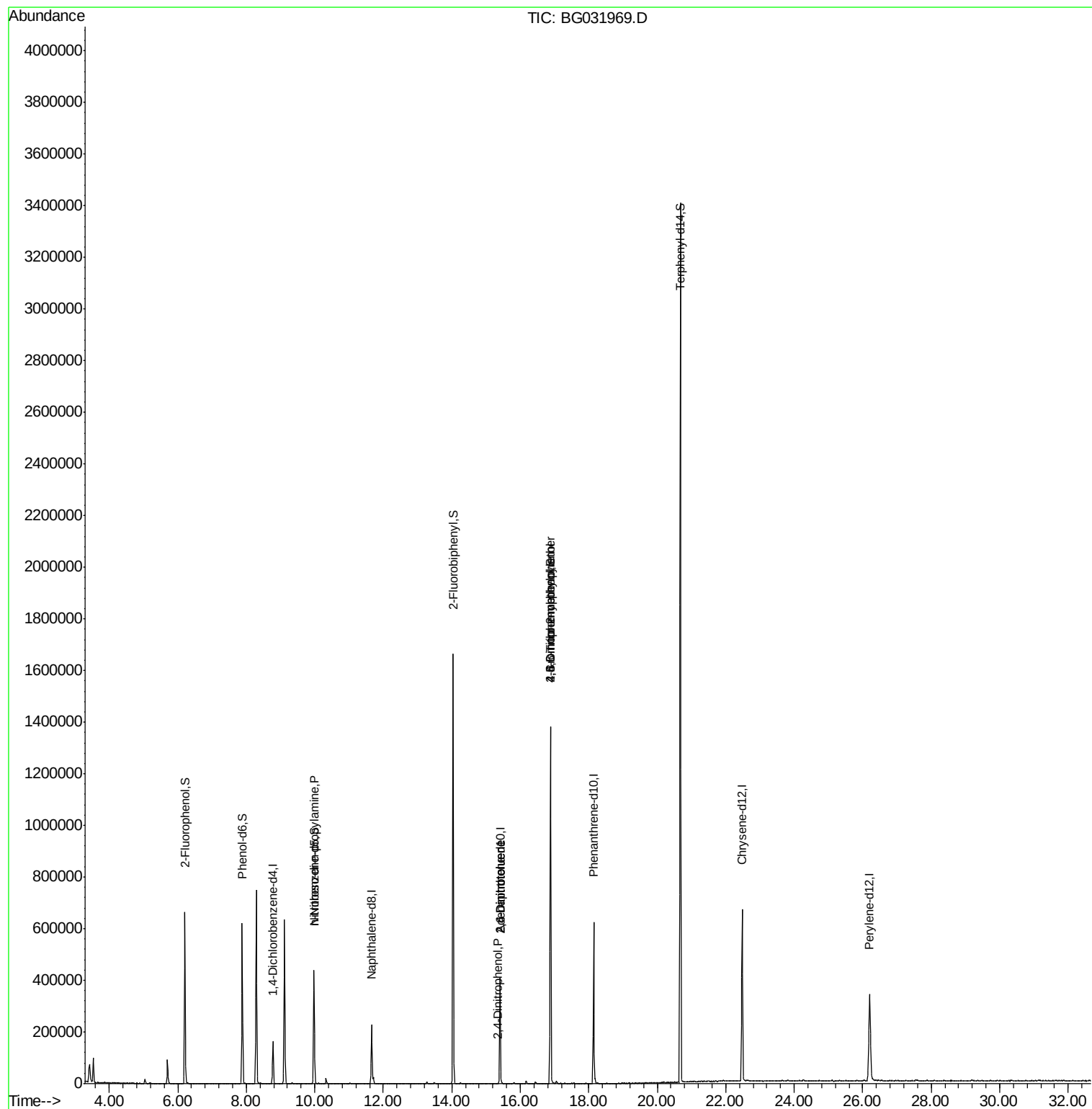
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	58474	20.00	ng	-0.01
21) Naphthalene-d8	11.66	136	236844	20.00	ng	-0.01
38) Acenaphthene-d10	15.41	164	161151	20.00	ng	-0.02
63) Phenanthrene-d10	18.14	188	425202	20.00	ng	-0.02
75) Chrysene-d12	22.48	240	495188	20.00	ng	-0.04
86) Perylene-d12	26.20	264	487237	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	357634	111.40	ng	0.00
7) Phenol-d6	7.88	99	422005	101.24	ng	0.00
23) Nitrobenzene-d5	9.97	82	283975	90.54	ng	-0.01
41) 2,4,6-Tribromophenol	16.88	330	336165	136.71	ng	-0.02
44) 2-Fluorobiphenyl	14.04	172	1019781	79.43	ng	-0.01
78) Terphenyl-d14	20.67	244	1861933	85.90	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.97	70	38159	13.405	ng	# 69
50) 2,6-Dinitrotoluene	15.40	165	21423	8.203	ng	# 20
53) 2,4-Dinitrophenol	15.35	184	54	7.677	ng	# 1
56) 2,4-Dinitrotoluene	15.40	165	21423	6.379	ng	# 17
64) 4,6-Dinitro-2-methylphenol	16.88	198	625	8.556	ng	# 2
66) 4-Bromophenyl-phenylether	16.88	248	28086	4.568	ng	# 1

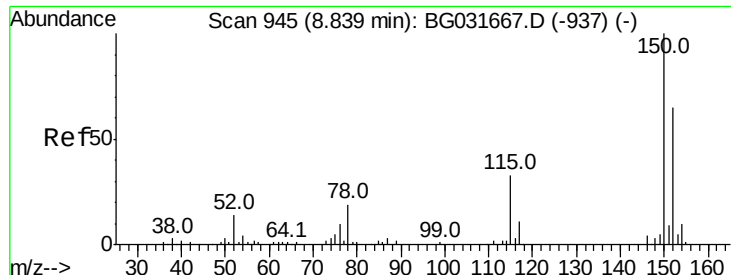
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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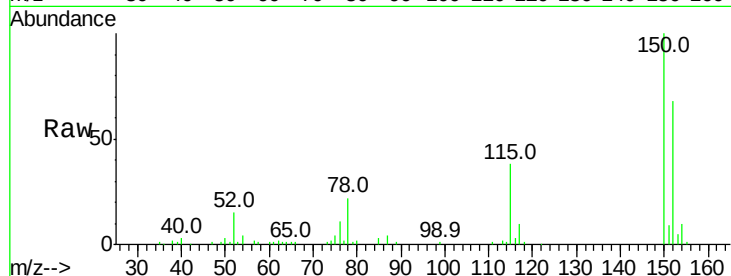


#1

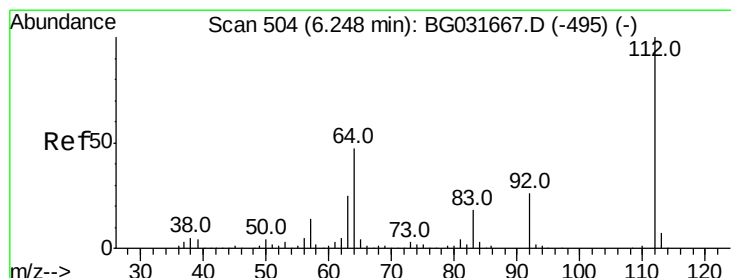
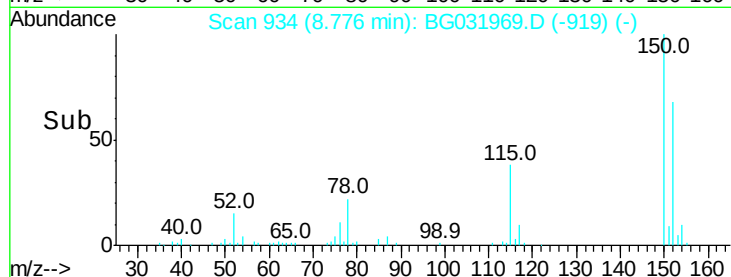
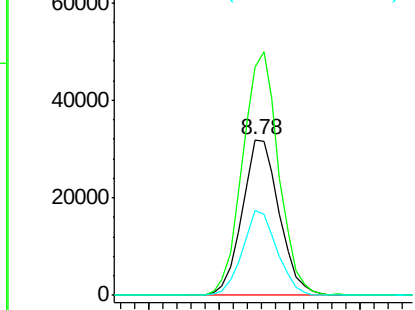
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 934
Delta R.T. -0.01 min
Lab File: BG031969.D
Acq: 10 Jan 2018 6:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 58474
Ion Ratio Lower Upper
152 100
150 146.6 126.6 189.8
115 55.0 53.0 79.4



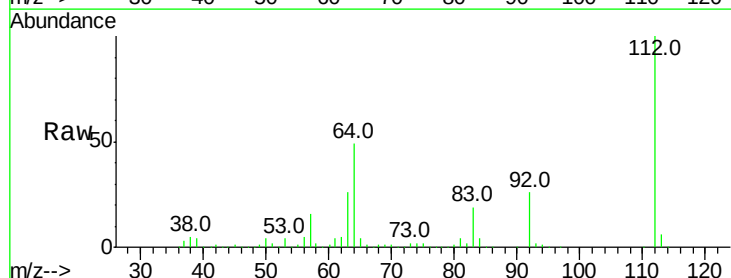
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



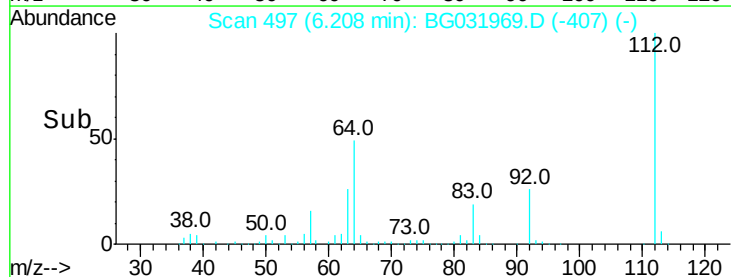
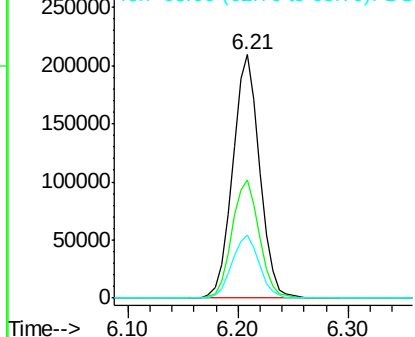
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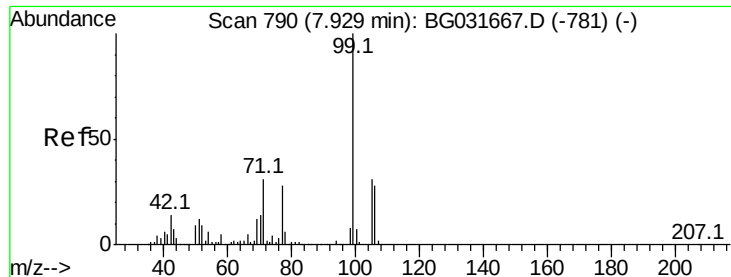
2-Fluorophenol
Concen: 111.398 ng
RT: 6.21 min Scan# 497
Delta R.T. -0.00 min
Lab File: BG031969.D
Acq: 10 Jan 2018 6:26

Tgt Ion:112 Resp: 357634
Ion Ratio Lower Upper
112 100
64 48.5 56.3 84.5#
63 25.9 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 101.244 ng

RT: 7.88 min Scan# 782

Delta R.T. -0.01 min

Lab File: BG031969.D

Acq: 10 Jan 2018 6:26

Instrument :

BNA_G

ClientSampleId :

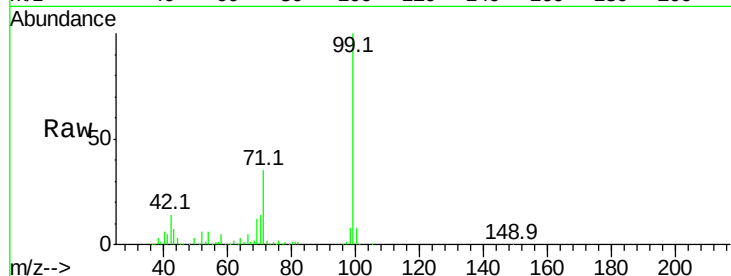
Tot Ion: 99 Resp: 422005

Ion Ratio Lower Upper

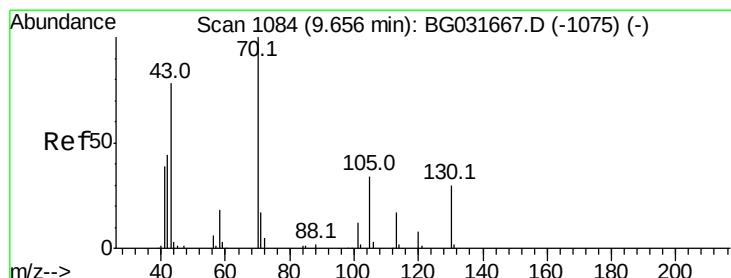
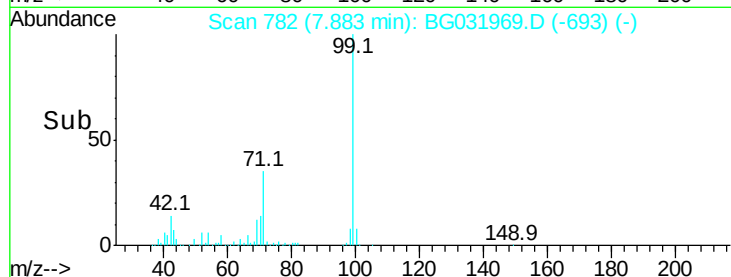
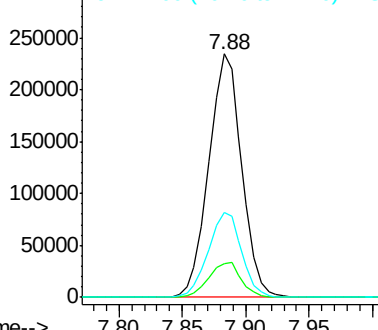
99 100

42 13.9 14.1 21.1#

71 35.0 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: 13.405 ng

RT: 9.97 min Scan# 1138

Delta R.T. 0.37 min

Lab File: BG031969.D

Acq: 10 Jan 2018 6:26

Tgt Ion: 70 Resp: 38159

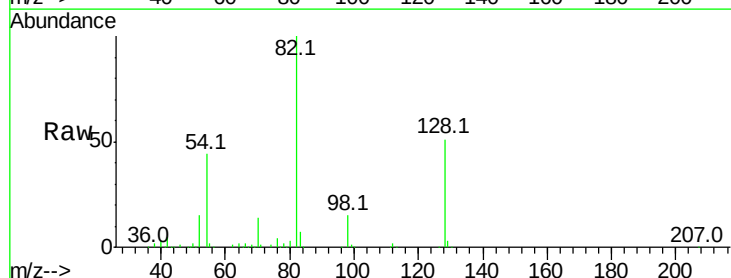
Ion Ratio Lower Upper

70 100

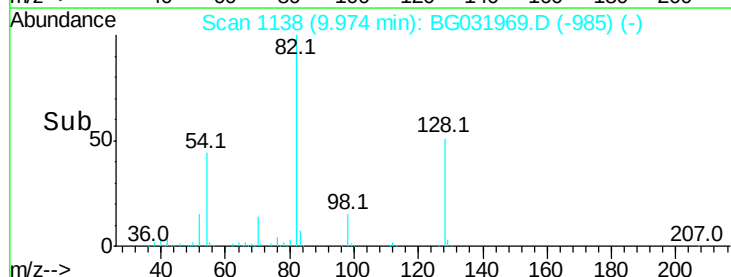
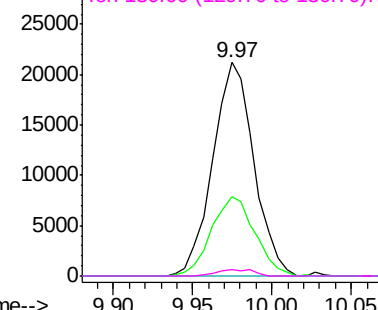
42 37.0 49.1 73.7#

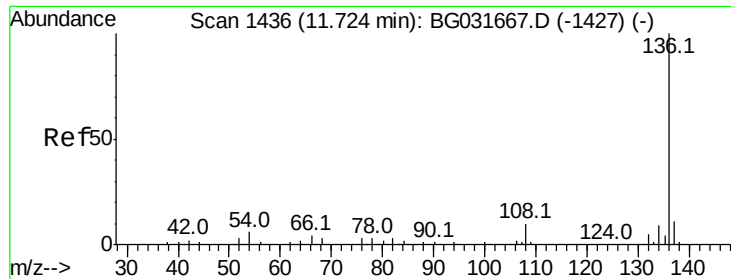
101 0.0 8.5 12.7#

130 3.2 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

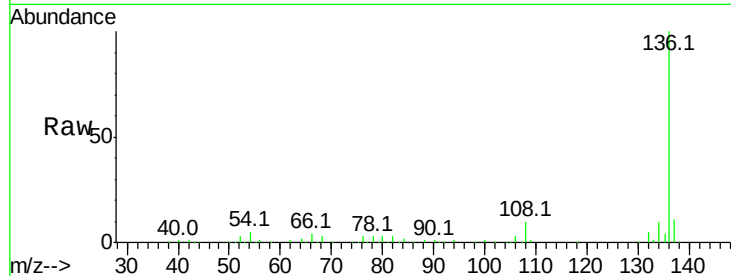




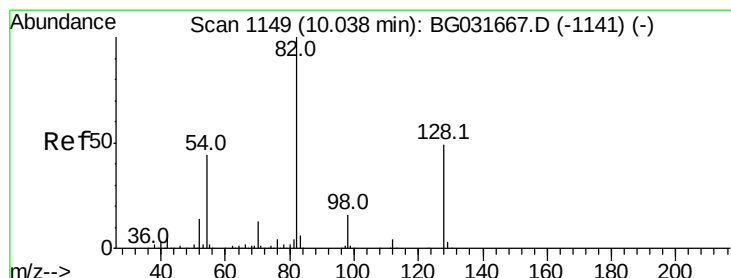
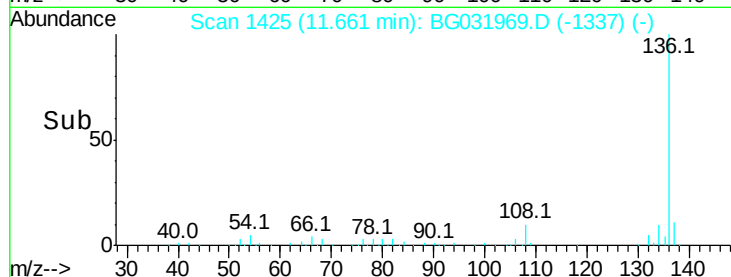
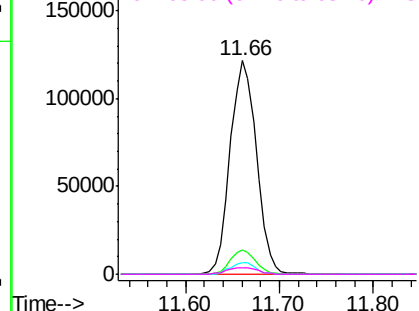
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.66 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BG031969.D
Acq: 10 Jan 2018 6:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	236844
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	5.3	10.3	15.5#
68	3.2	4.5	6.7#

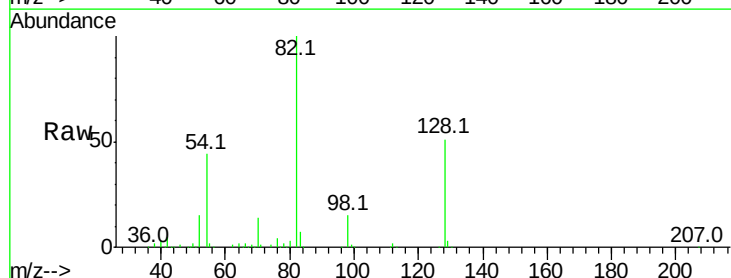


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

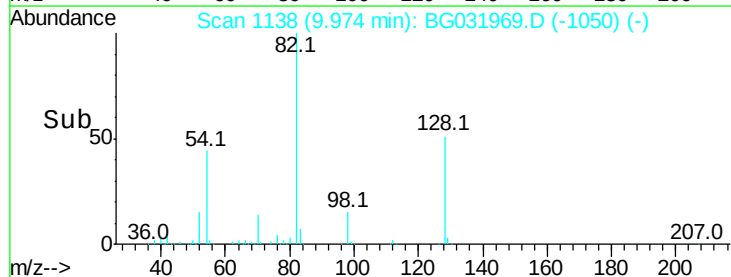
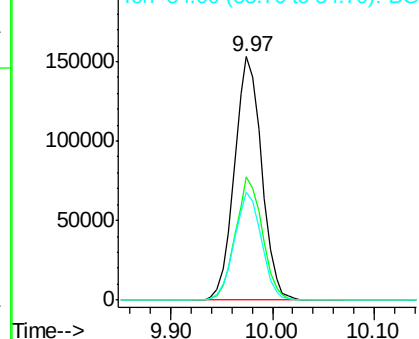


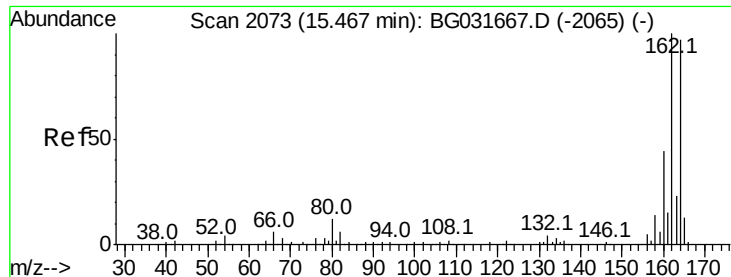
#23
Nitrobenzene-d5
Concen: 90.539 ng
RT: 9.97 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BG031969.D
Acq: 10 Jan 2018 6:26

Tgt Ion:	82	Resp:	283975
Ion	Ratio	Lower	Upper
82	100		
128	50.6	29.7	44.5#
54	44.2	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

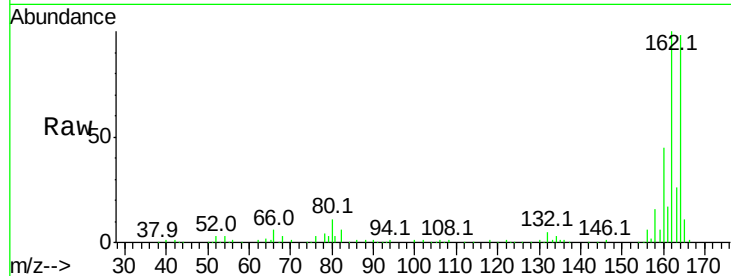




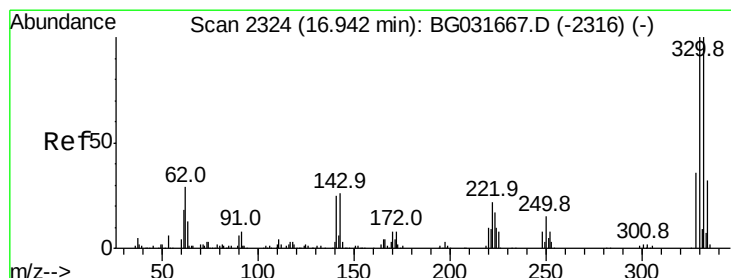
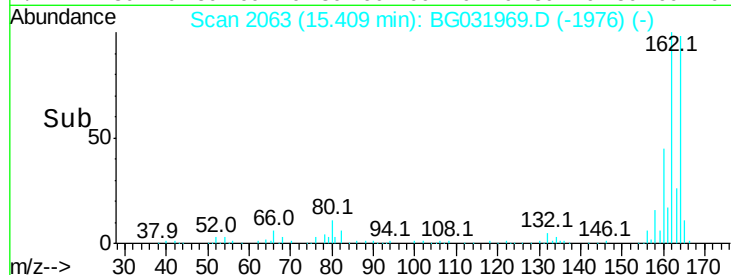
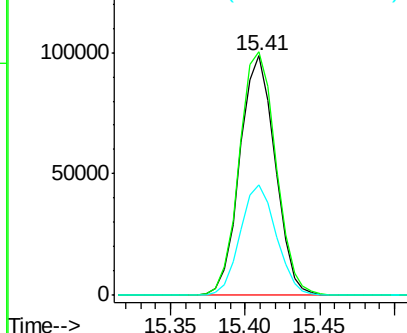
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.41 min Scan# 2063
Delta R.T. -0.02 min
Lab File: BG031969.D
Acq: 10 Jan 2018 6:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 161151
Ion Ratio Lower Upper
164 100
162 101.8 78.8 118.2
160 46.0 35.4 53.0

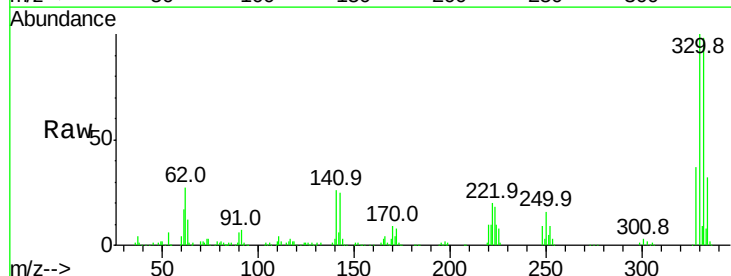


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

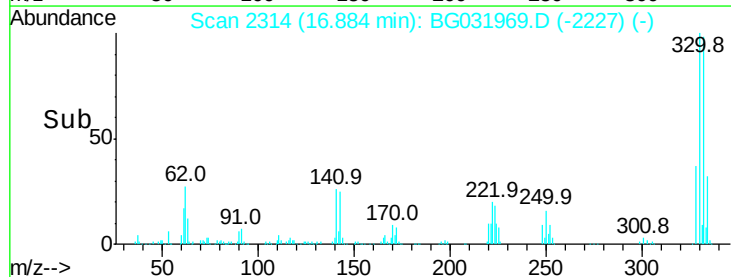
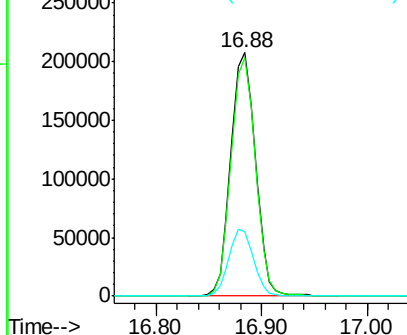


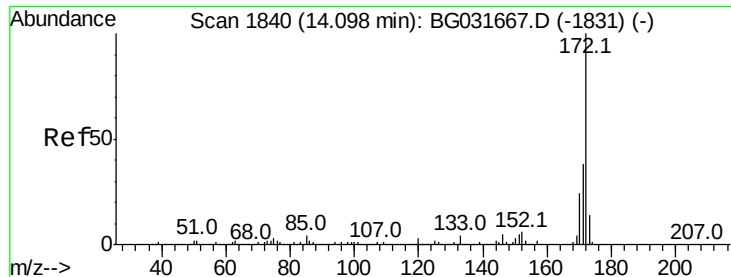
#41
2,4,6-Tribromophenol
Concen: 136.711 ng
RT: 16.88 min Scan# 2314
Delta R.T. -0.02 min
Lab File: BG031969.D
Acq: 10 Jan 2018 6:26

Tgt Ion:330 Resp: 336165
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.6
141 27.4 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



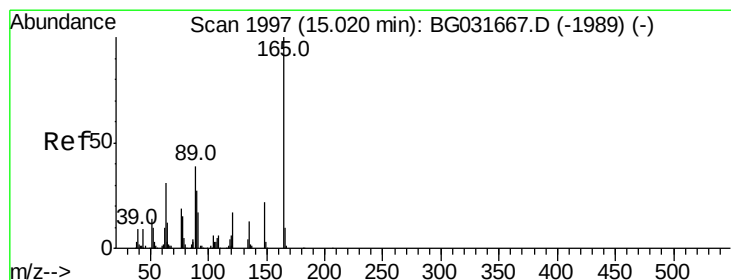
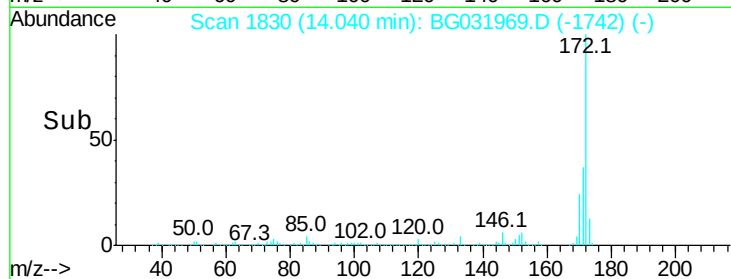
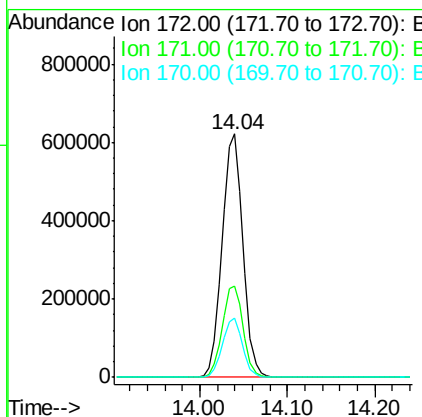
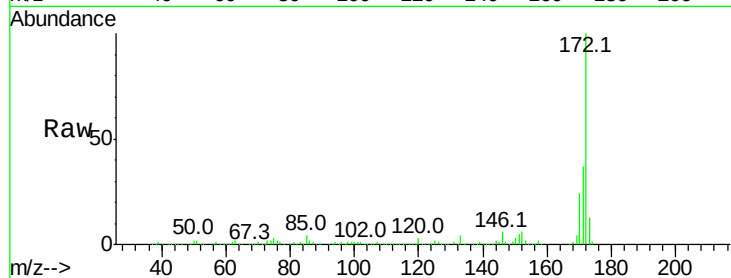


#44
 2-Fluorobiphenyl
 Concen: 79.426 ng
 RT: 14.04 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BG031969.D
 Acq: 10 Jan 2018 6:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1019781

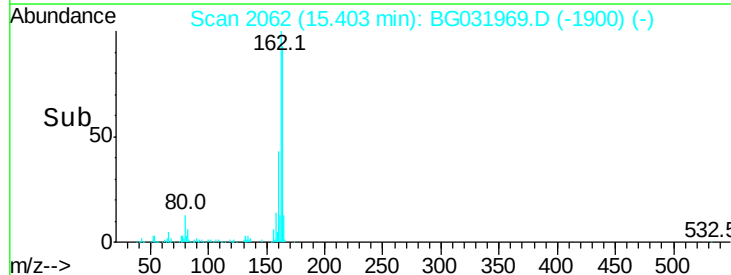
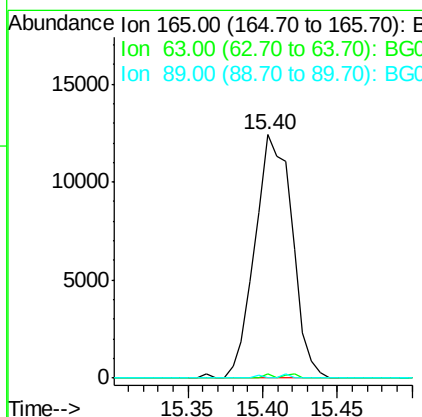
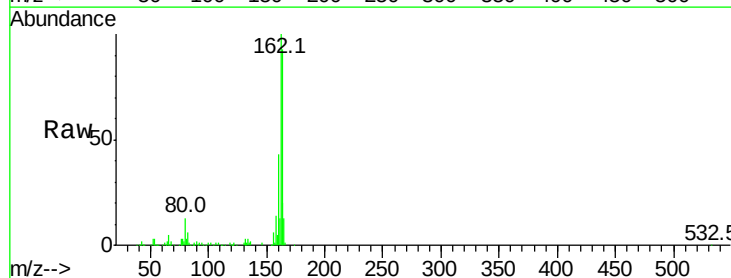
Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	24.2	19.5	29.3

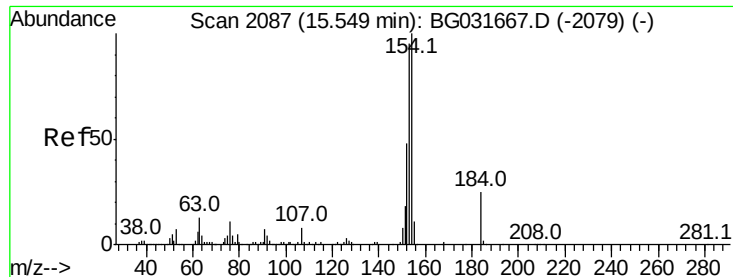


#50
 2,6-Dinitrotoluene
 Concen: 8.203 ng
 RT: 15.40 min Scan# 2062
 Delta R.T. 0.42 min
 Lab File: BG031969.D
 Acq: 10 Jan 2018 6:26

Tgt Ion:165 Resp: 21423

Ion	Ratio	Lower	Upper
165	100		
63	1.9	52.7	79.1#
89	0.0	49.2	73.8#

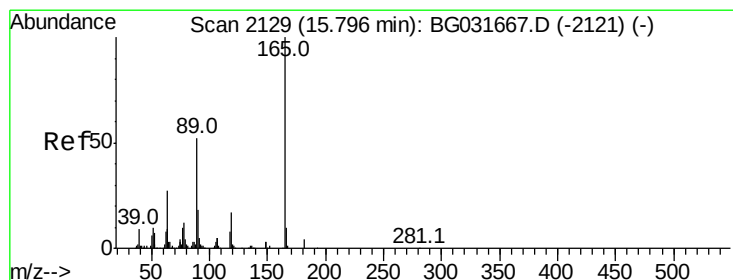
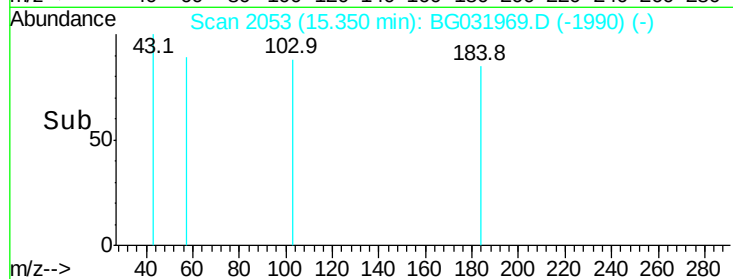
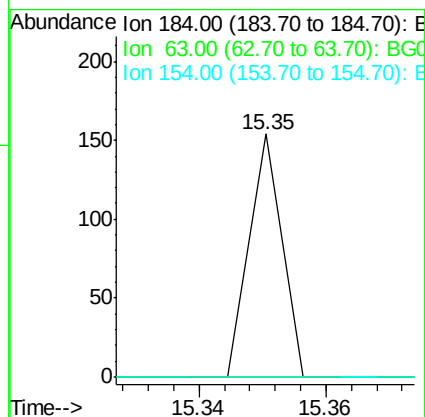
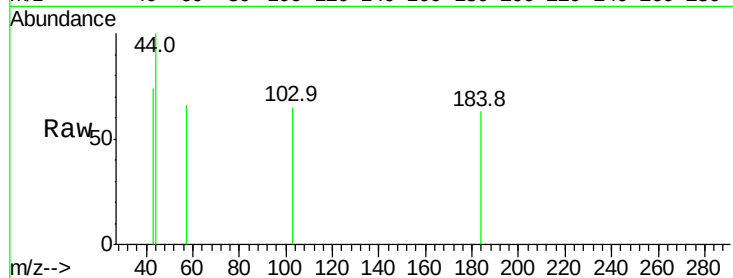




#53
 2,4-Dinitrophenol
 Concen: 7.677 ng
 RT: 15.35 min Scan# 2053
 Delta R.T. -0.16 min
 Lab File: BG031969.D
 Acq: 10 Jan 2018 6:26

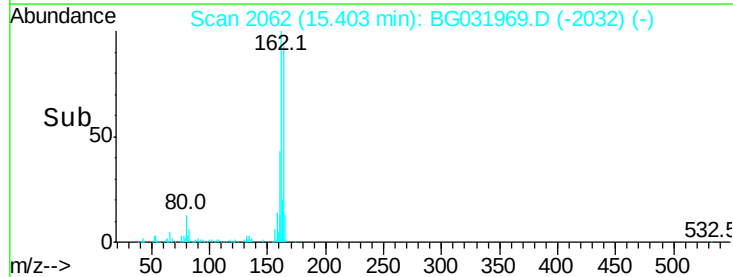
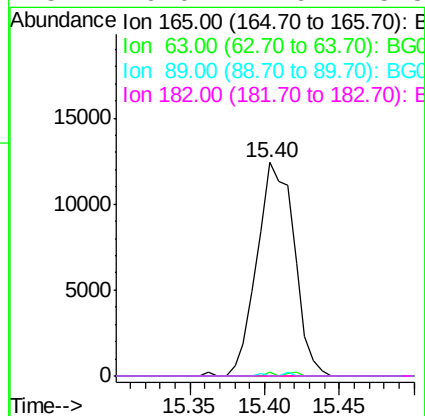
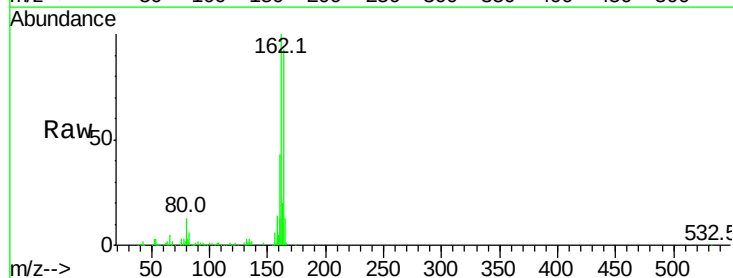
Instrument :
 BNA_G
 ClientSampleId :

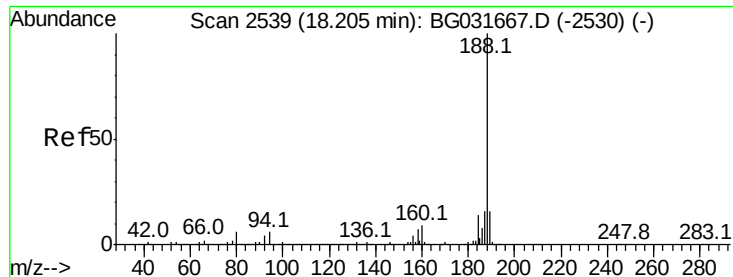
Tot Ion:184 Resp: 54
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#



#56
 2,4-Dinitrotoluene
 Concen: 6.379 ng
 RT: 15.40 min Scan# 2062
 Delta R.T. -0.35 min
 Lab File: BG031969.D
 Acq: 10 Jan 2018 6:26

Tgt Ion:165 Resp: 21423
 Ion Ratio Lower Upper
 165 100
 63 1.9 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#

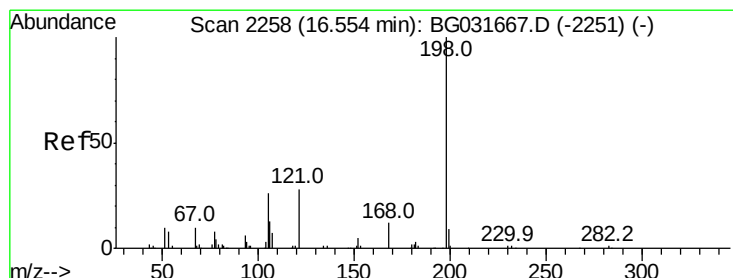
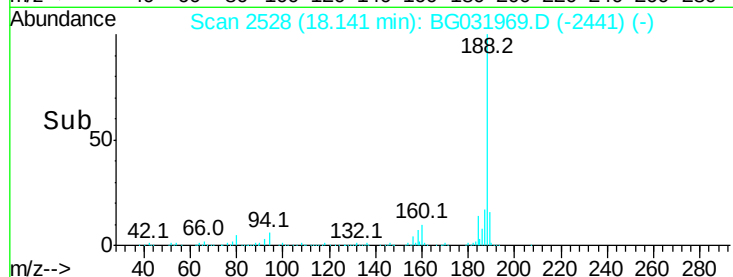
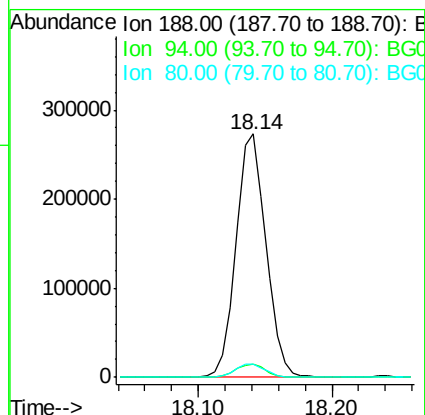
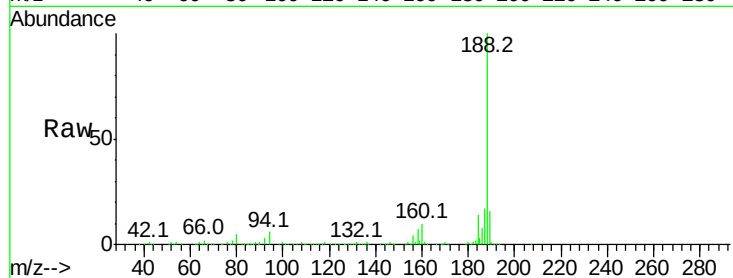




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.14 min Scan# 2528
 Delta R.T. -0.02 min
 Lab File: BG031969.D
 Acq: 10 Jan 2018 6:26

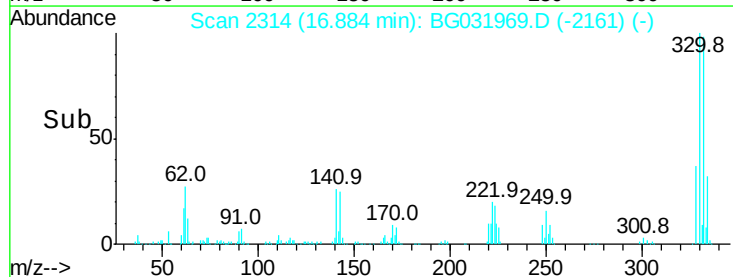
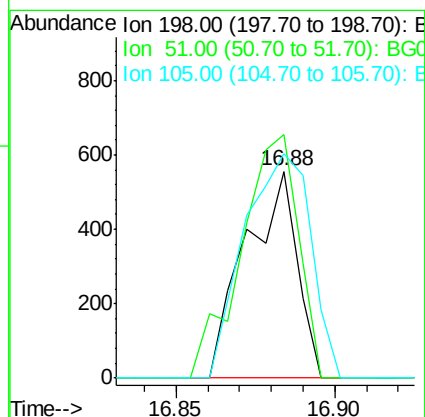
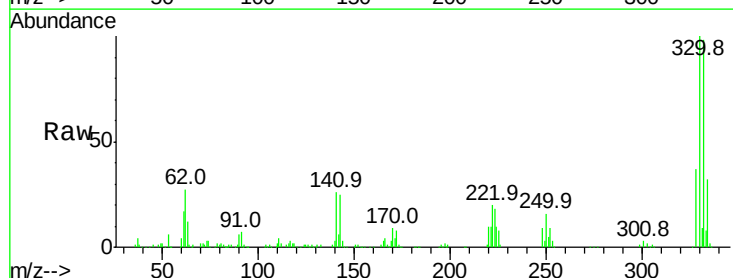
Instrument :
 BNA_G
 ClientSampleId :

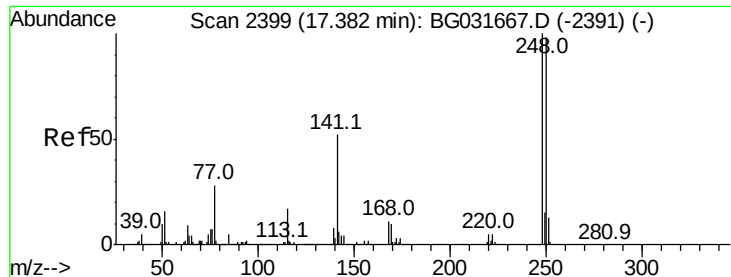
Tot Ion:188 Resp: 425202
 Ion Ratio Lower Upper
 188 100
 94 5.6 6.9 10.3#
 80 5.5 7.7 11.5#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.556 ng
 RT: 16.88 min Scan# 2314
 Delta R.T. 0.37 min
 Lab File: BG031969.D
 Acq: 10 Jan 2018 6:26

Tgt Ion:198 Resp: 625
 Ion Ratio Lower Upper
 198 100
 51 117.6 30.6 70.6#
 105 108.6 23.8 63.8#

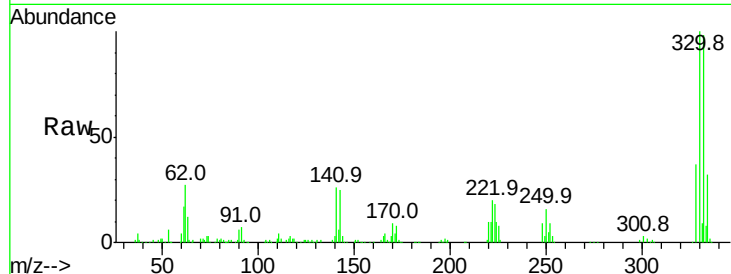




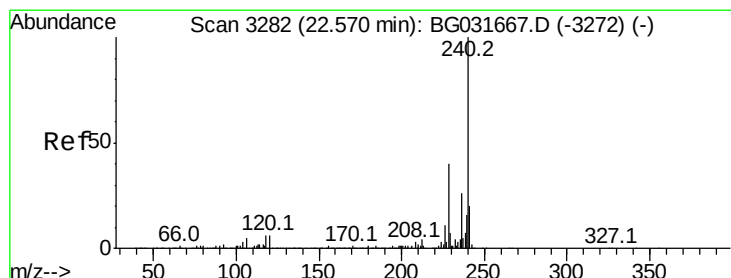
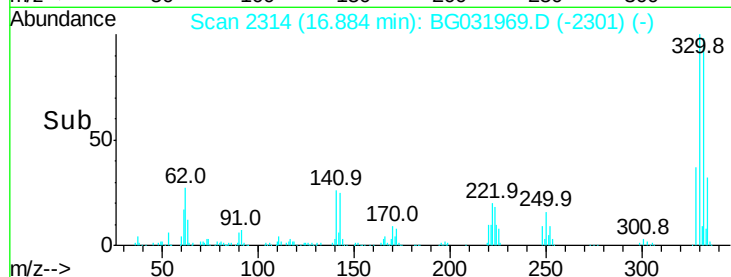
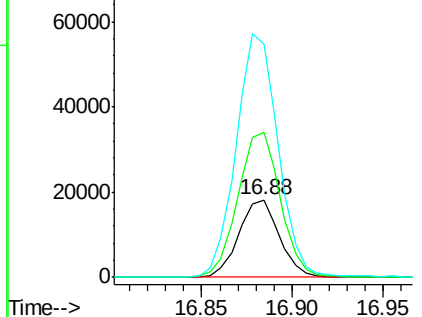
#66
4-Bromophenyl-phenylether
Concen: 4.568 ng
RT: 16.88 min Scan# 2314
Delta R.T. -0.45 min
Lab File: BG031969.D
Acq: 10 Jan 2018 6:26

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 28086
Ion Ratio Lower Upper
248 100
250 187.7 77.1 115.7#
141 301.8 50.8 76.2#

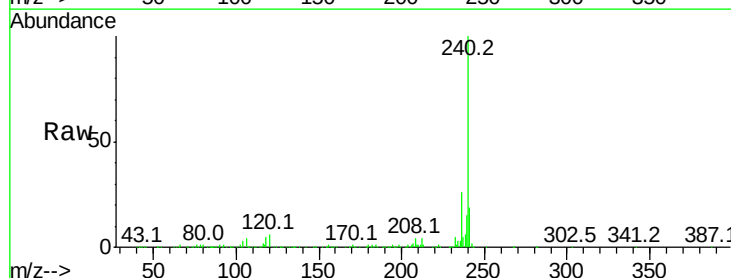


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

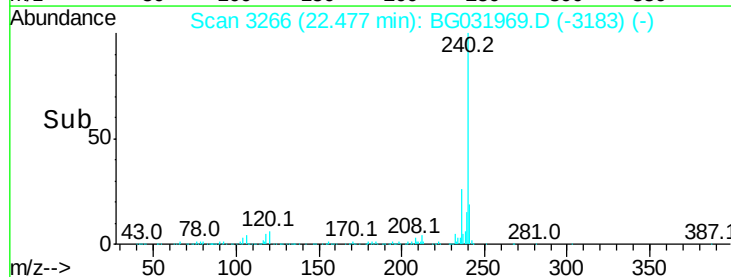
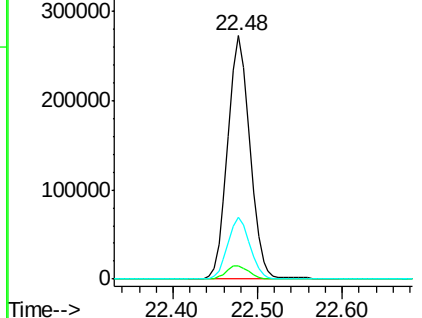


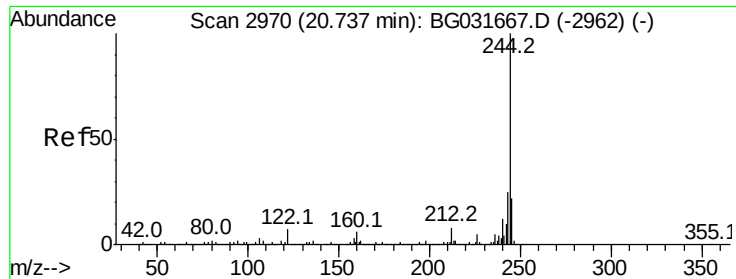
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.48 min Scan# 3266
Delta R.T. -0.04 min
Lab File: BG031969.D
Acq: 10 Jan 2018 6:26

Tgt Ion:240 Resp: 495188
Ion Ratio Lower Upper
240 100
120 5.7 6.8 10.2#
236 25.6 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: 85.904 ng

RT: 20.67 min Scan# 2959

Delta R.T. -0.02 min

Lab File: BG031969.D

Acq: 10 Jan 2018 6:26

Instrument :

BNA_G

ClientSampleId :

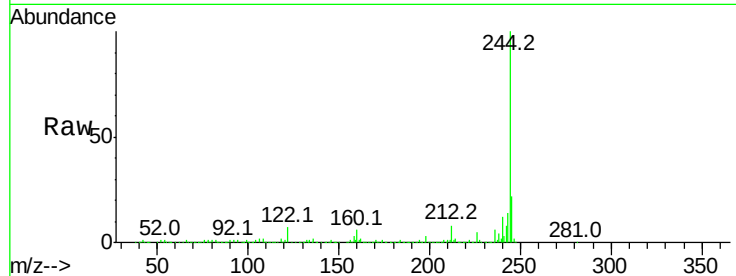
Tot Ion:244 Resp: 1861933

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	6.9	7.0	10.4

244 100

212 7.6 5.8 8.8

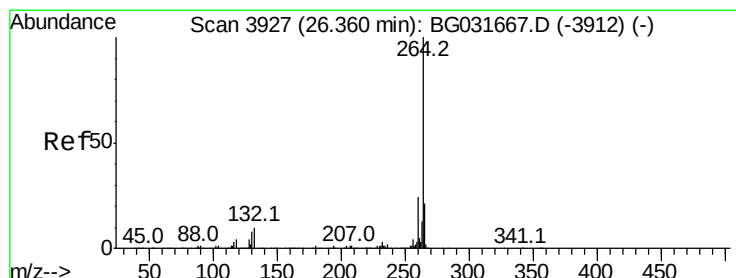
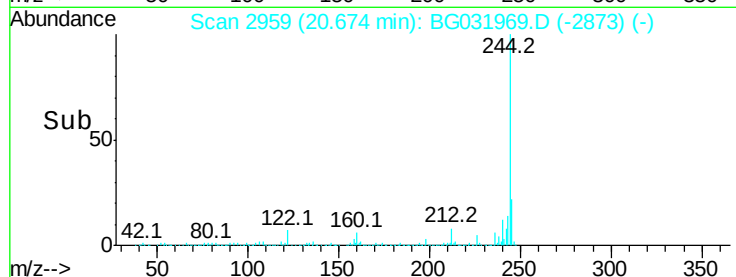
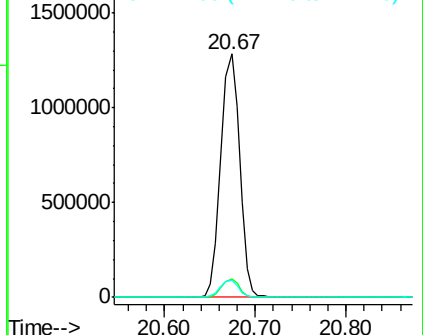
122 6.9 7.0 10.4



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: 20.000 ng

RT: 26.20 min Scan# 3900

Delta R.T. -0.10 min

Lab File: BG031969.D

Acq: 10 Jan 2018 6:26

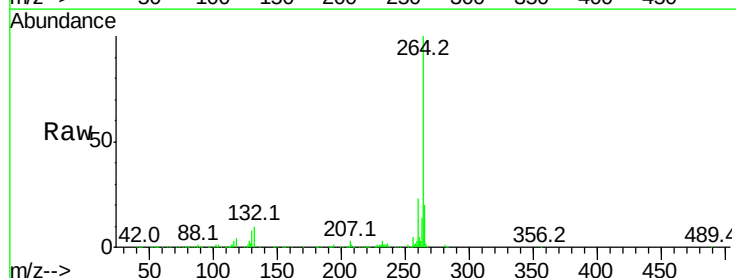
Tgt Ion:264 Resp: 487237

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	20.3	17.7	26.5

264 100

260 23.0 17.4 26.0

265 20.3 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

