

Data Path : U:\HPCHEM1\BNA G\DATA\BG011918\
 Data File : BG032161.D
 Acq On : 19 Jan 2018 20:59
 Operator : SJ/JU
 Sample : PB105788BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 19 22:23:25 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

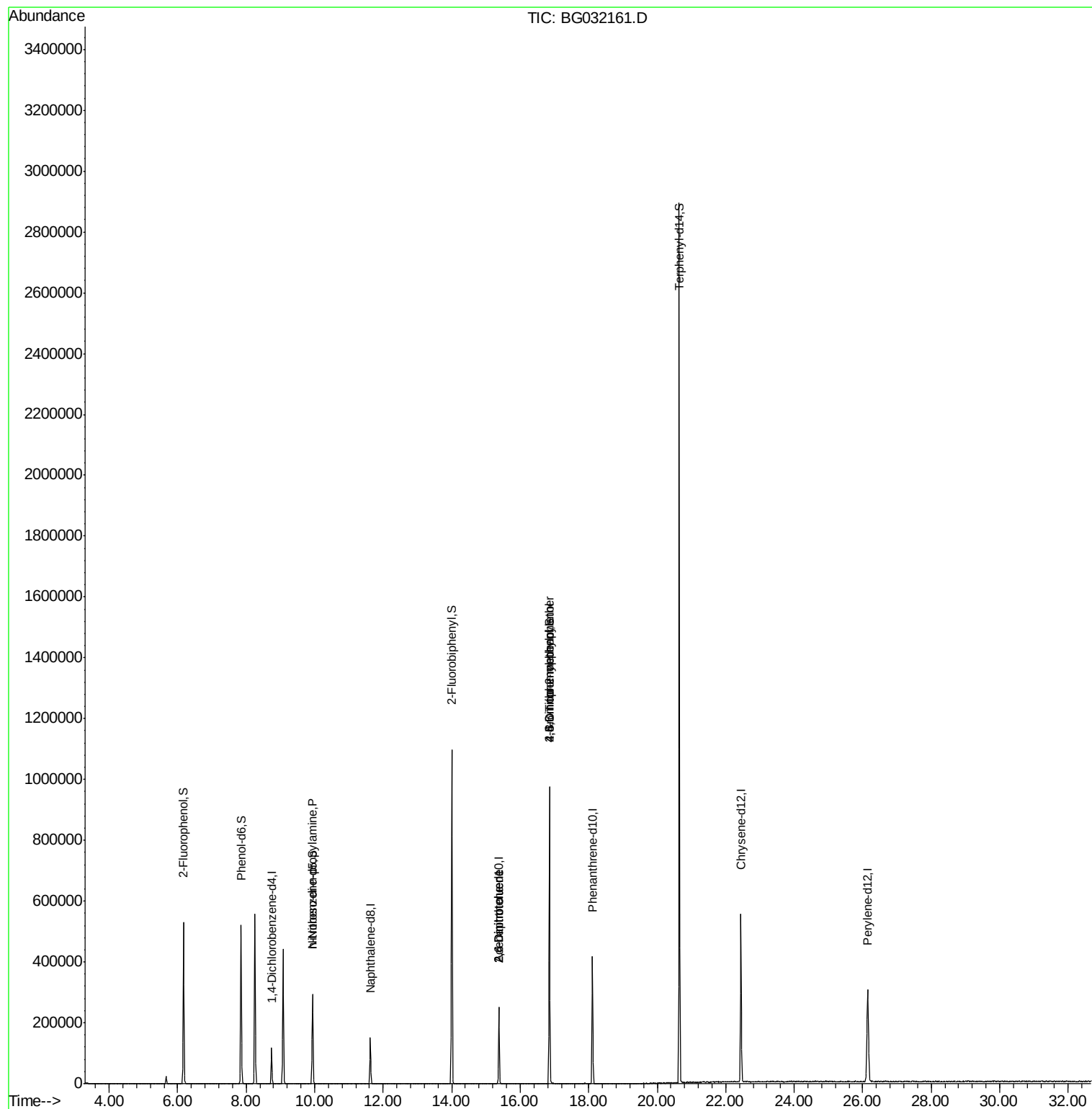
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	37978	20.00	ng	0.00
21) Naphthalene-d8	11.62	136	150021	20.00	ng	0.00
38) Acenaphthene-d10	15.38	164	102357	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	291599	20.00	ng	0.00
75) Chrysene-d12	22.44	240	410792	20.00	ng	0.00
86) Perylene-d12	26.15	264	424224	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	261820	126.09	ng	0.00
7) Phenol-d6	7.85	99	315824	120.76	ng	0.00
23) Nitrobenzene-d5	9.94	82	186991	84.33	ng	0.00
41) 2,4,6-Tribromophenol	16.85	330	215575	127.28	ng	0.00
44) 2-Fluorobiphenyl	14.01	172	658285	79.74	ng	0.00
78) Terphenyl-d14	20.65	244	1516292	81.50	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.94	70	25857	15.935	ng	# 73
50) 2,6-Dinitrotoluene	15.38	165	13808	7.427	ng	# 18
56) 2,4-Dinitrotoluene	15.38	165	13808	5.516	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.86	198	542	5.145	ng	# 61
66) 4-Bromophenyl-phenylether	16.85	248	18199	4.386	ng	# 1

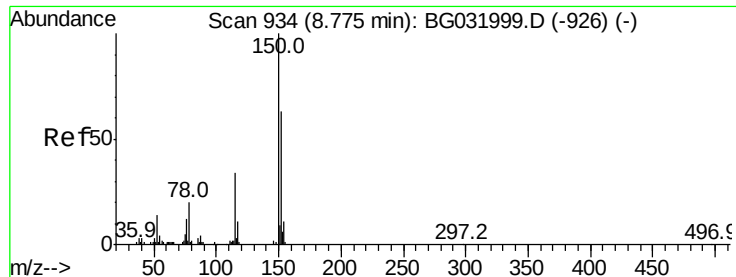
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



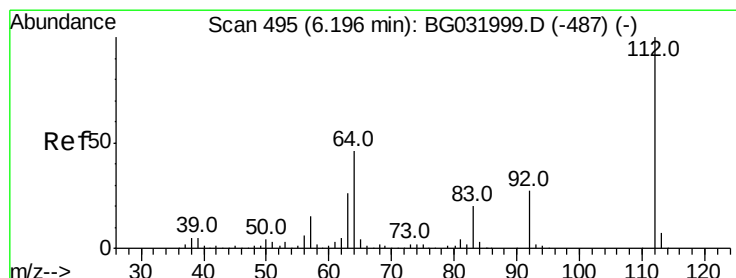
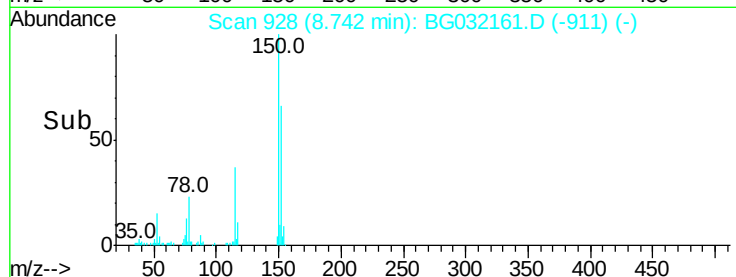
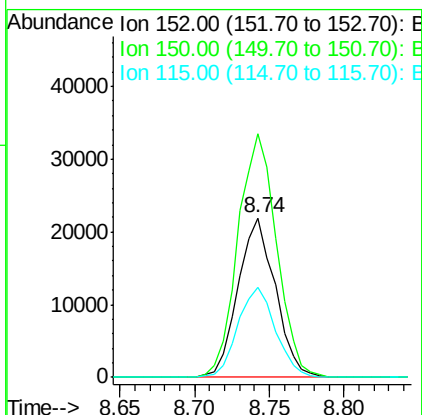
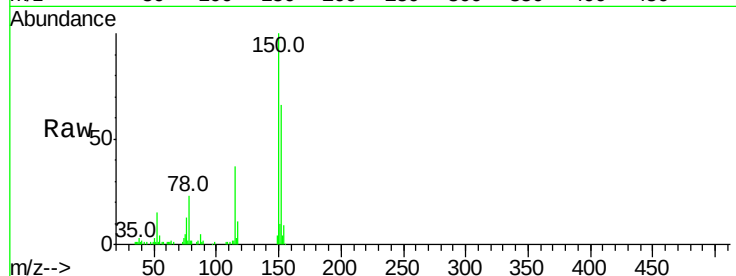


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.74 min Scan# 928
Delta R.T. 0.00 min
Lab File: BG032161.D
Acq: 19 Jan 2018 20:59

Instrument :
BNA_G
ClientSampleId :

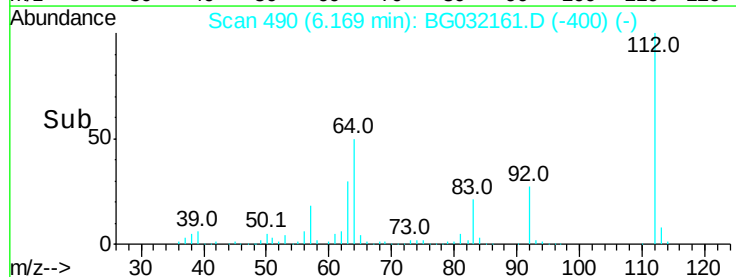
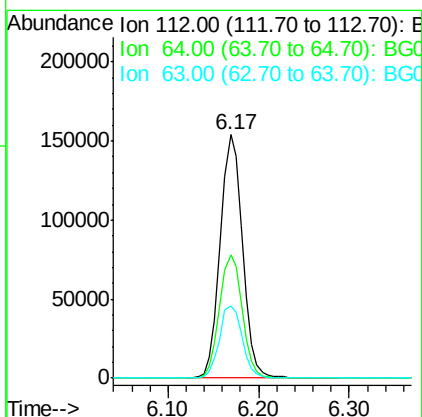
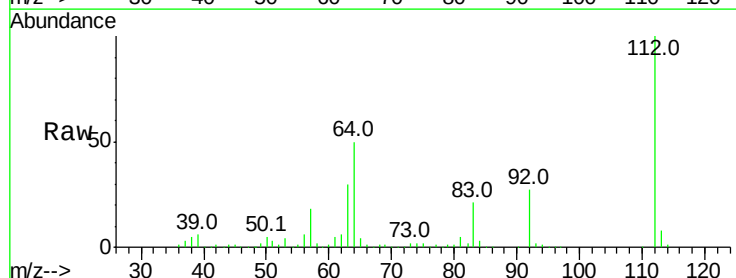
Tot Ion:152 Resp: 37978
Ion Ratio Lower Upper
152 100
150 152.6 126.6 189.8
115 56.3 53.0 79.4

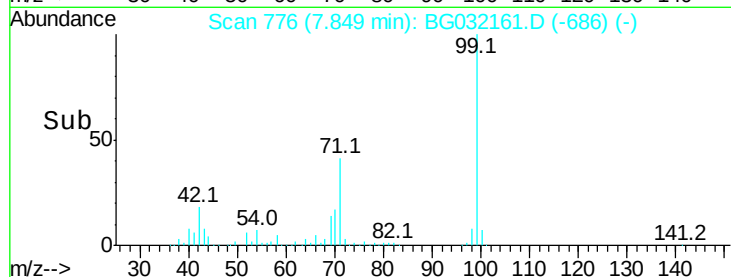
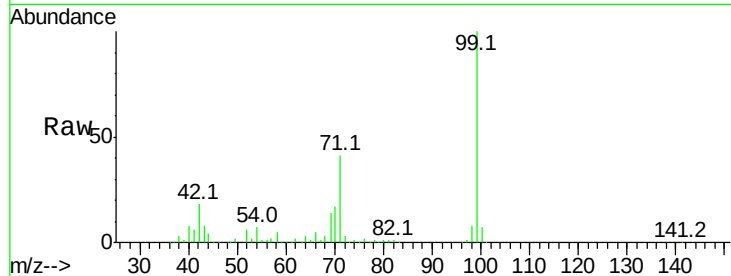
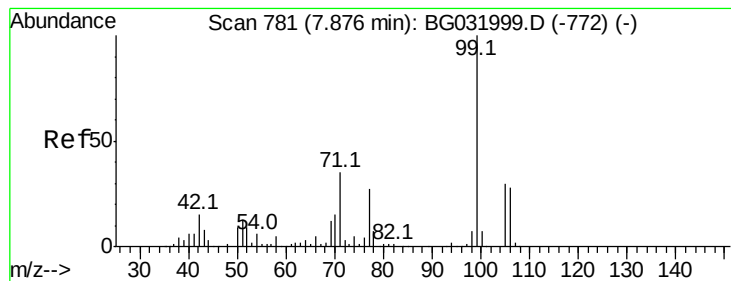


#5

2-Fluorophenol
Concen: 126.086 ng
RT: 6.17 min Scan# 490
Delta R.T. 0.00 min
Lab File: BG032161.D
Acq: 19 Jan 2018 20:59

Tgt Ion:112 Resp: 261820
Ion Ratio Lower Upper
112 100
64 50.5 56.3 84.5#
63 29.7 30.1 45.1#





#7

Phenol-d6

Concen: 120.763 ng

RT: 7.85 min Scan# 776

Delta R.T. 0.00 min

Lab File: BG032161.D

Acq: 19 Jan 2018 20:59

Instrument :

BNA_G

ClientSampled :

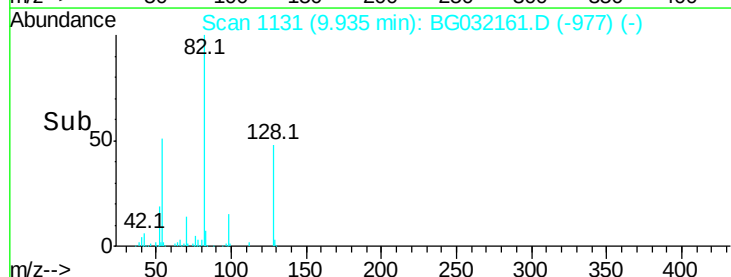
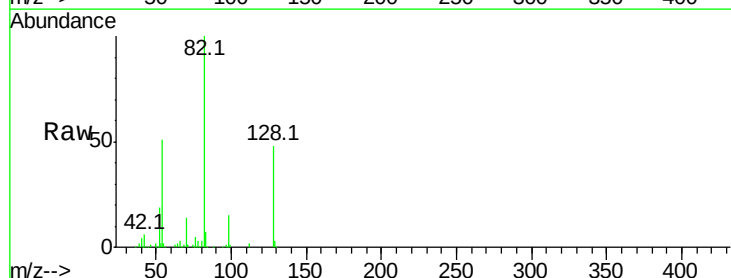
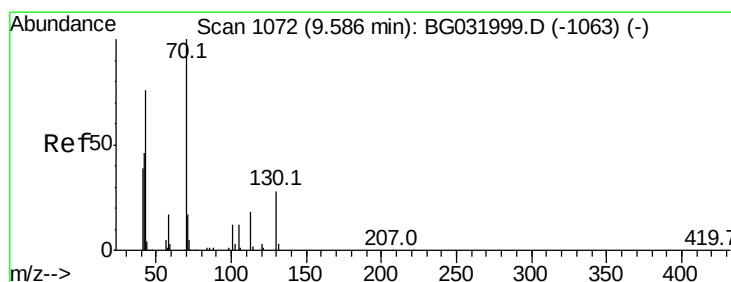
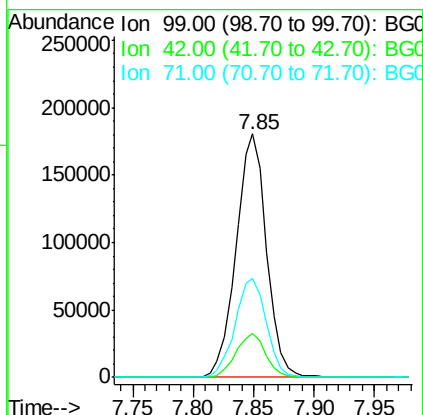
Tot Ion: 99 Resp: 315824

Ion Ratio Lower Upper

99 100

42 18.2 14.1 21.1

71 40.9 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 15.935 ng

RT: 9.94 min Scan# 1131

Delta R.T. 0.38 min

Lab File: BG032161.D

Acq: 19 Jan 2018 20:59

Tgt Ion: 70 Resp: 25857

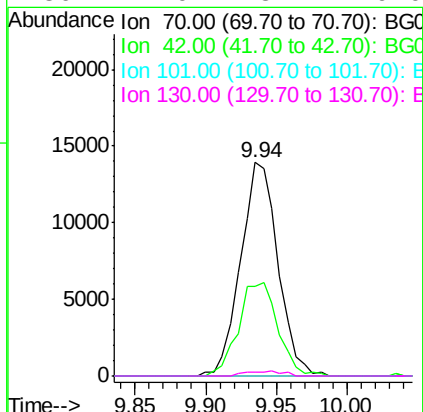
Ion Ratio Lower Upper

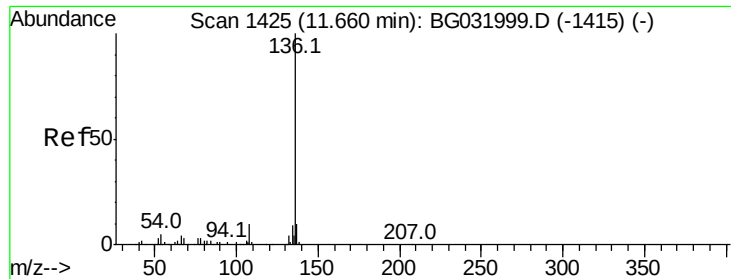
70 100

42 42.1 49.1 73.7#

101 0.0 8.5 12.7#

130 2.0 13.4 20.0#

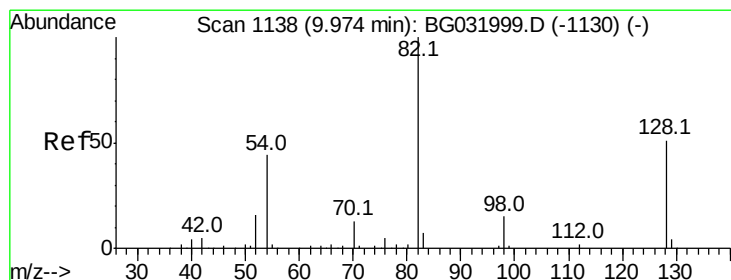
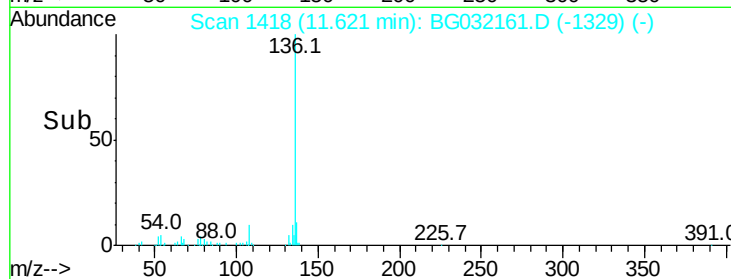
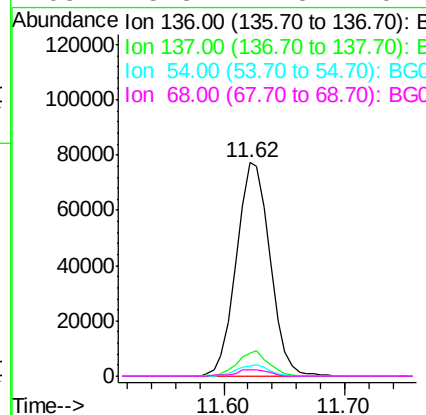
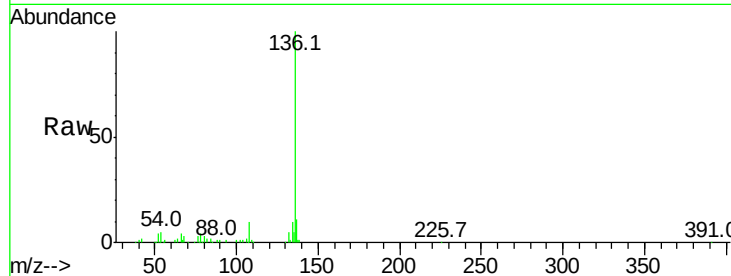




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.62 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BG032161.D
Acq: 19 Jan 2018 20:59

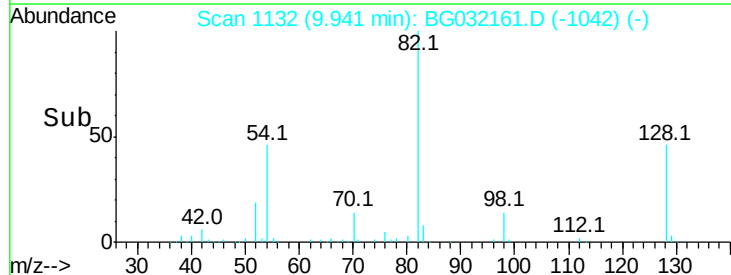
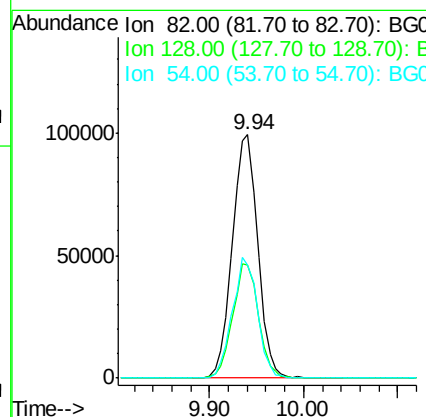
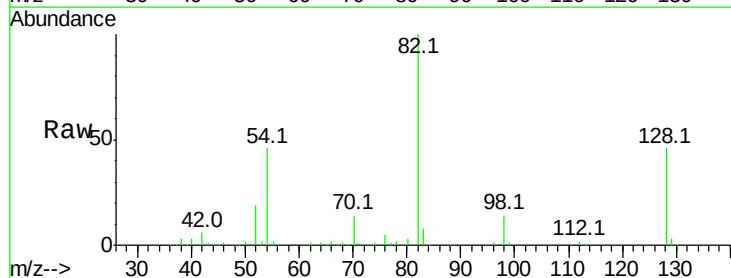
Instrument :
BNA_G
ClientSampleId :

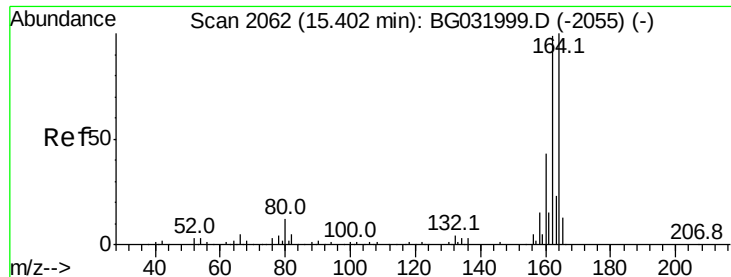
Tot Ion:136 Resp: 150021
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 5.0 10.3 15.5#
68 3.3 4.5 6.7#



#23
Nitrobenzene-d5
Concen: 84.326 ng
RT: 9.94 min Scan# 1132
Delta R.T. 0.00 min
Lab File: BG032161.D
Acq: 19 Jan 2018 20:59

Tgt Ion: 82 Resp: 186991
Ion Ratio Lower Upper
82 100
128 46.3 29.7 44.5#
54 46.5 43.1 64.7

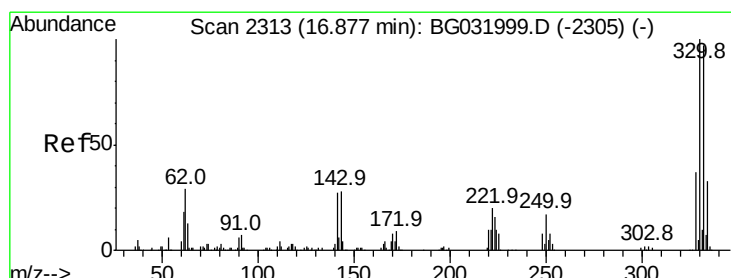
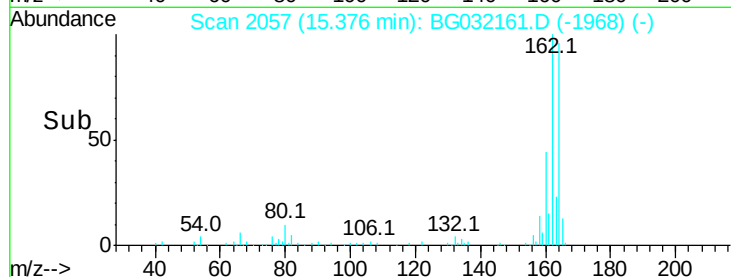
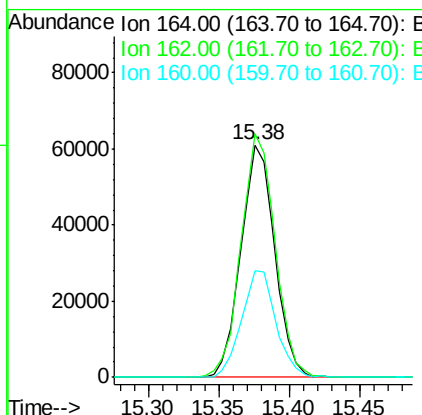
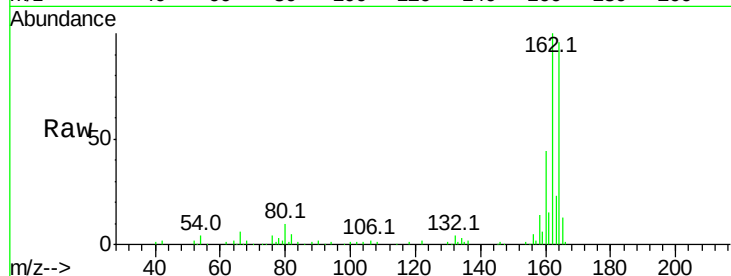




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.38 min Scan# 2057
 Delta R.T. -0.01 min
 Lab File: BG032161.D
 Acq: 19 Jan 2018 20:59

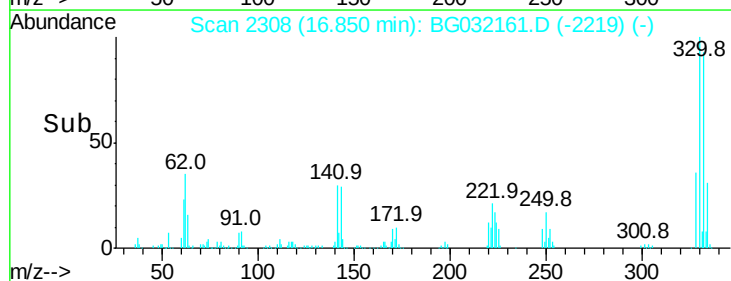
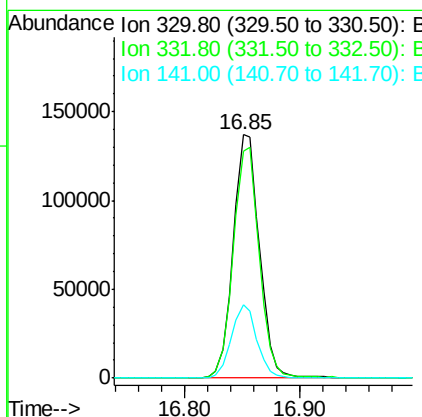
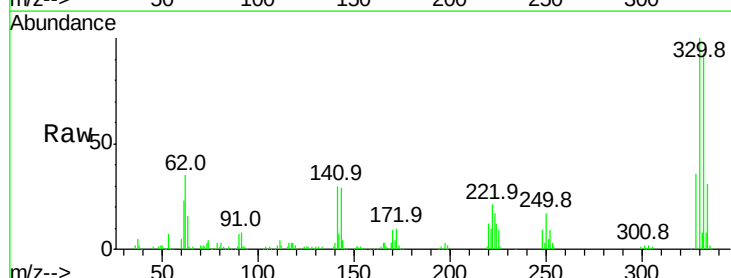
Instrument :
 BNA_G
 ClientSampleId :

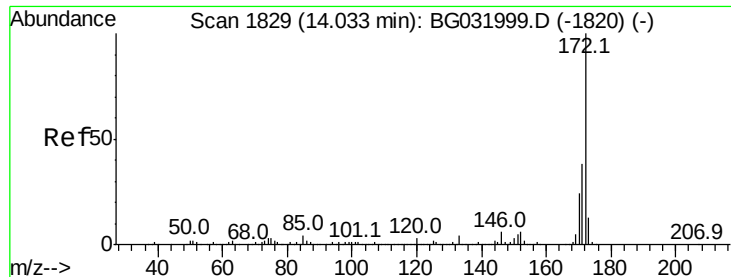
Tot Ion:164 Resp: 102357
 Ion Ratio Lower Upper
 164 100
 162 104.6 78.8 118.2
 160 45.7 35.4 53.0



#41
 2,4,6-Tribromophenol
 Concen: 127.275 ng
 RT: 16.85 min Scan# 2308
 Delta R.T. -0.01 min
 Lab File: BG032161.D
 Acq: 19 Jan 2018 20:59

Tgt Ion:330 Resp: 215575
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.0 115.6
 141 29.4 25.2 37.8

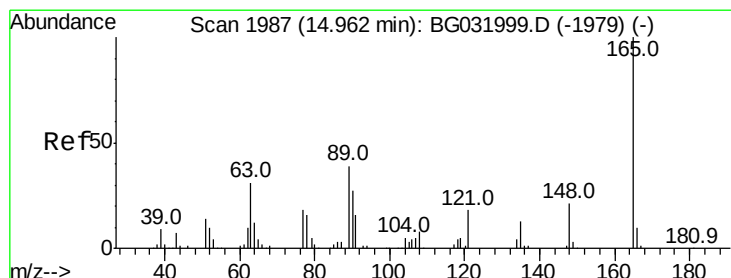
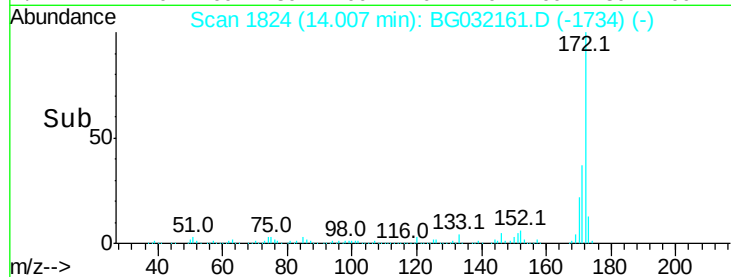
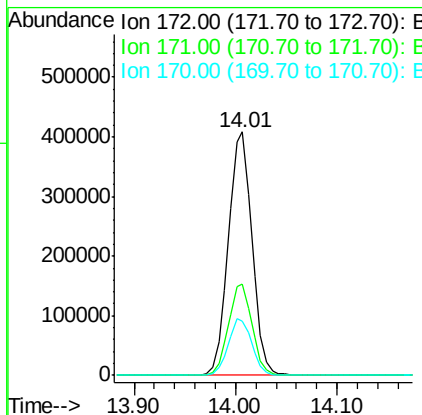
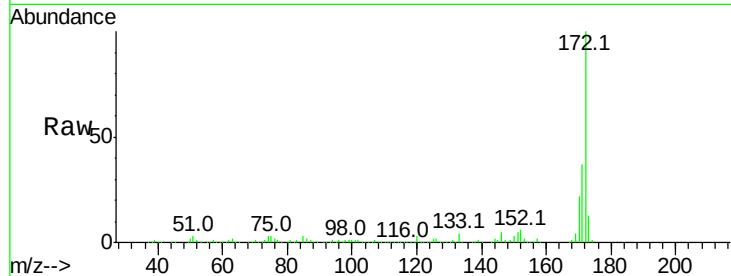




#44
 2-Fluorobiphenyl
 Concen: 79.745 ng
 RT: 14.01 min Scan# 1824
 Delta R.T. 0.00 min
 Lab File: BG032161.D
 Acq: 19 Jan 2018 20:59

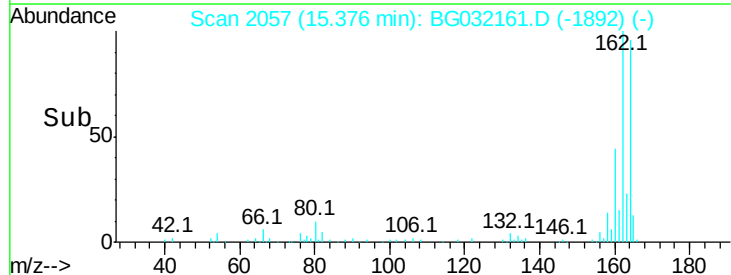
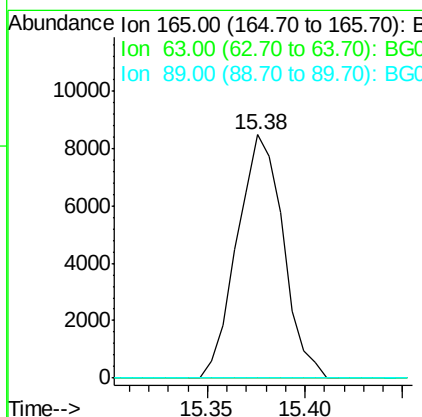
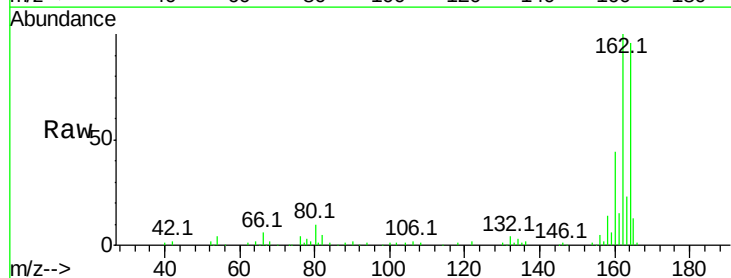
Instrument :
 BNA_G
 ClientSampleId :

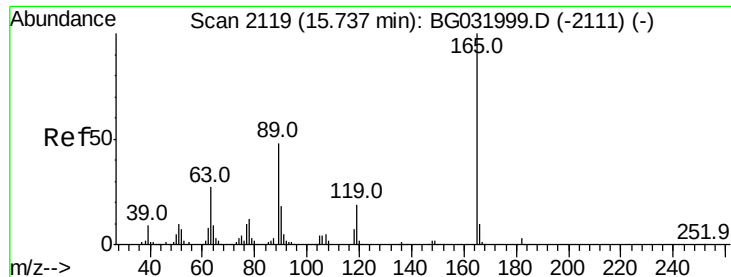
Tot Ion:172 Resp: 658285
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.0 45.0
 170 22.4 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.427 ng
 RT: 15.38 min Scan# 2057
 Delta R.T. 0.44 min
 Lab File: BG032161.D
 Acq: 19 Jan 2018 20:59

Tgt Ion:165 Resp: 13808
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#

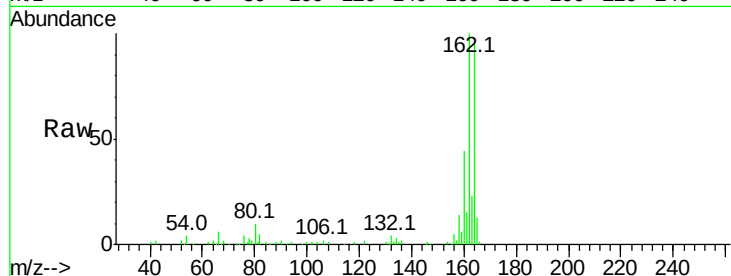




#56
 2,4-Dinitrotoluene
 Concen: 5.516 ng
 RT: 15.38 min Scan# 2057
 Delta R.T. -0.34 min
 Lab File: BG032161.D
 Acq: 19 Jan 2018 20:59

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#

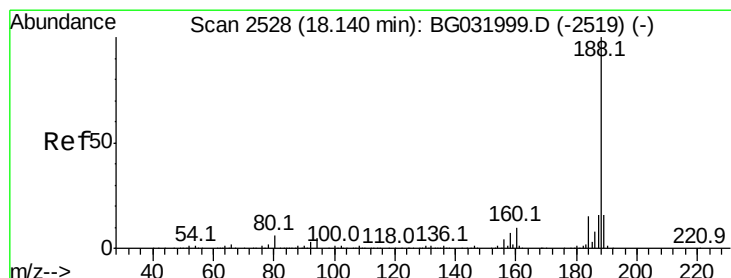
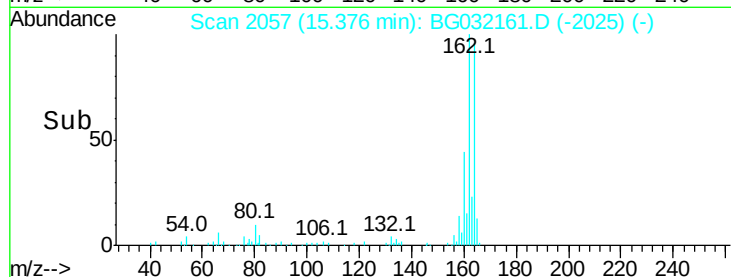
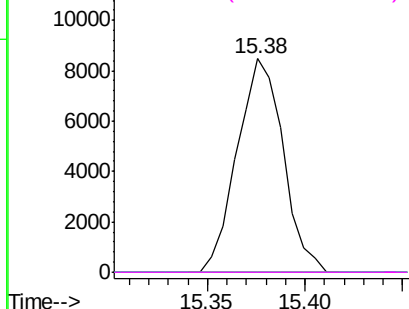


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

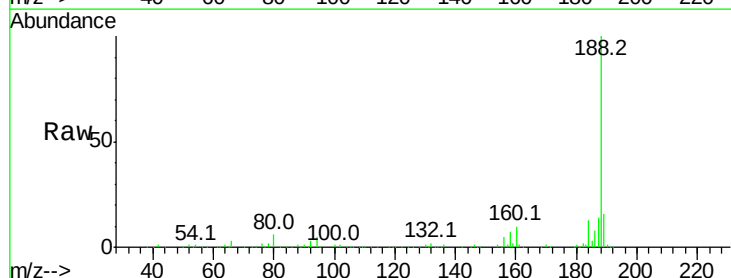
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.11 min Scan# 2522
 Delta R.T. -0.01 min
 Lab File: BG032161.D
 Acq: 19 Jan 2018 20:59

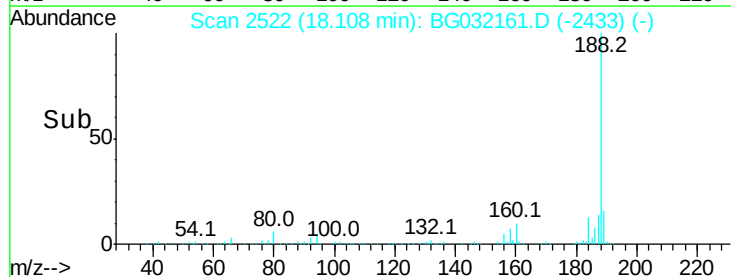
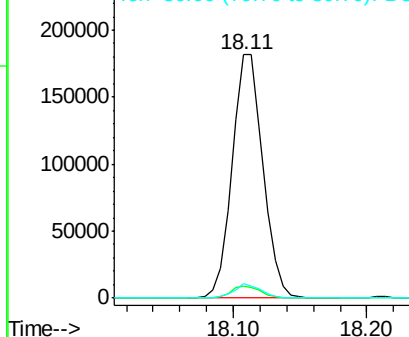
Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.9	6.9	10.3#
80	6.0	7.7	11.5#

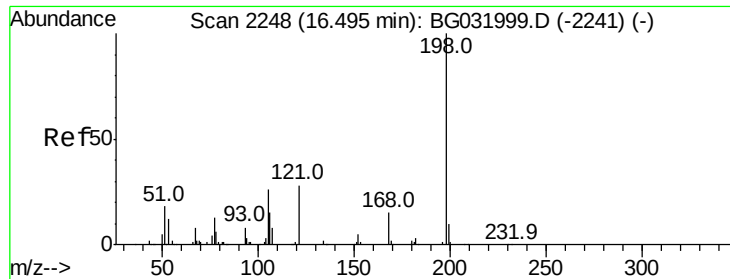


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

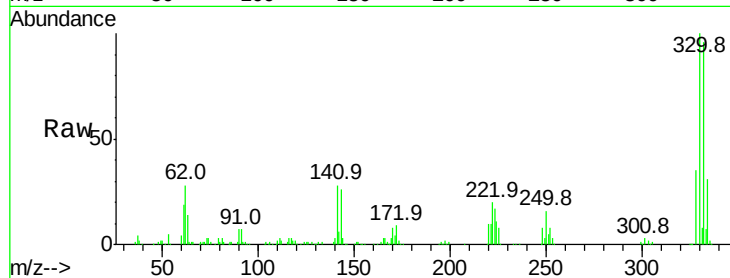




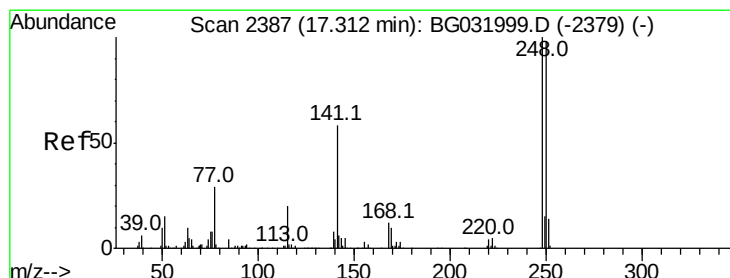
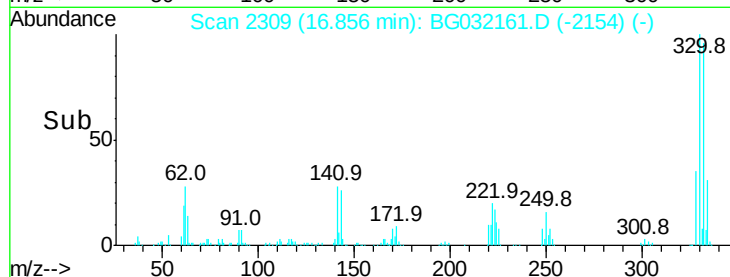
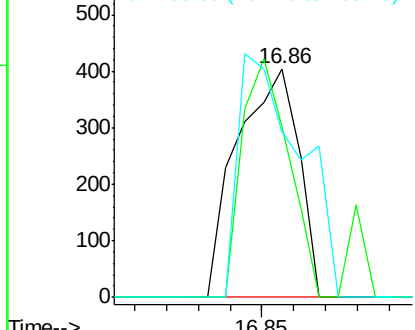
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.145 ng
 RT: 16.86 min Scan# 2309
 Delta R.T. 0.38 min
 Lab File: BG032161.D
 Acq: 19 Jan 2018 20:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 542
 Ion Ratio Lower Upper
 198 100
 51 74.5 30.6 70.6#
 105 72.5 23.8 63.8#

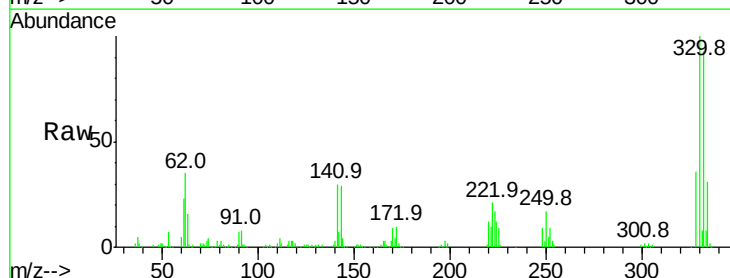


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGC
 Ion 105.00 (104.70 to 105.70): E

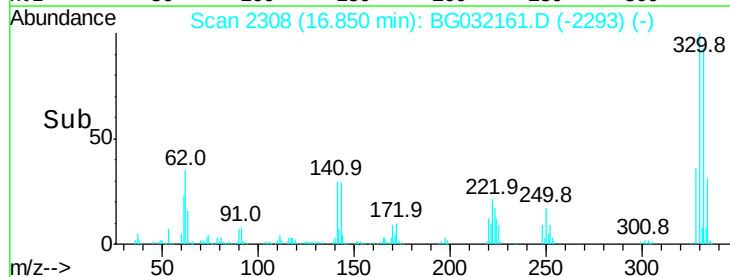
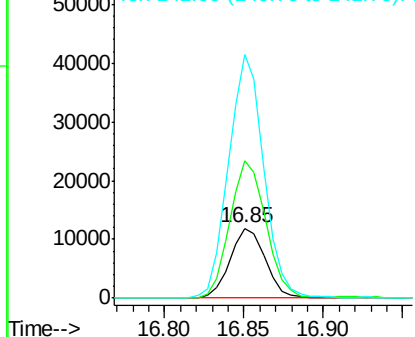


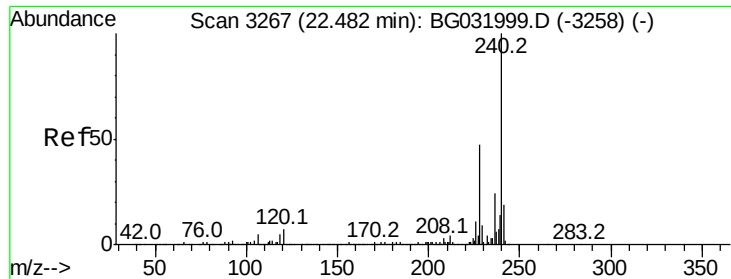
#66
 4-Bromophenyl-phenylether
 Concen: 4.386 ng
 RT: 16.85 min Scan# 2308
 Delta R.T. -0.44 min
 Lab File: BG032161.D
 Acq: 19 Jan 2018 20:59

Tgt Ion:248 Resp: 18199
 Ion Ratio Lower Upper
 248 100
 250 196.3 77.1 115.7#
 141 348.5 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: 22.44 min Scan# 3260

Delta R.T. -0.01 min

Lab File: BG032161.D

Acq: 19 Jan 2018 20:59

Instrument :

BNA_G

ClientSampleId :

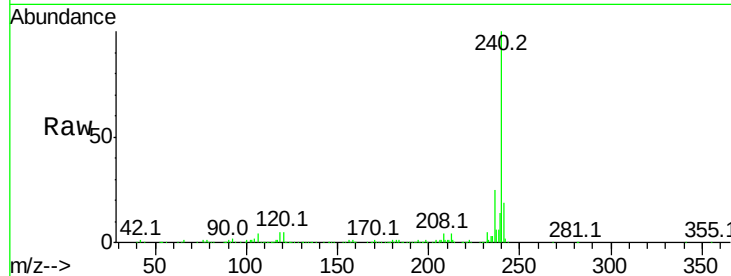
Tot Ion:240 Resp: 410792

Ion Ratio Lower Upper

240 100

120 4.7 6.8 10.2#

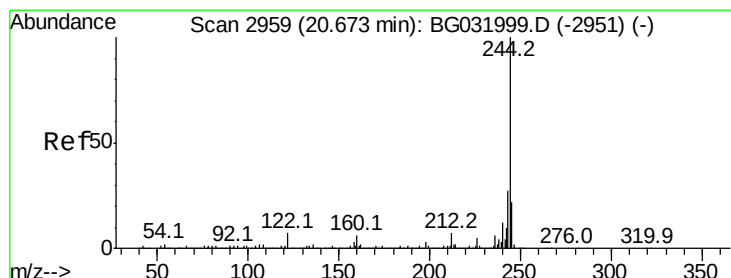
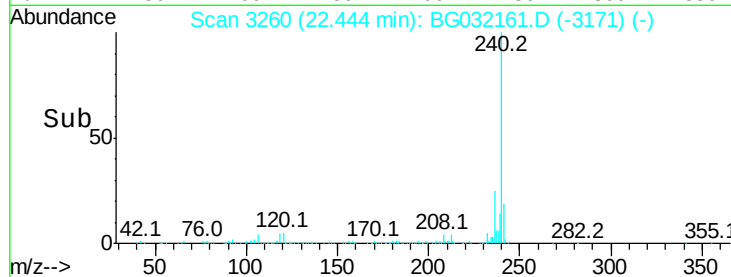
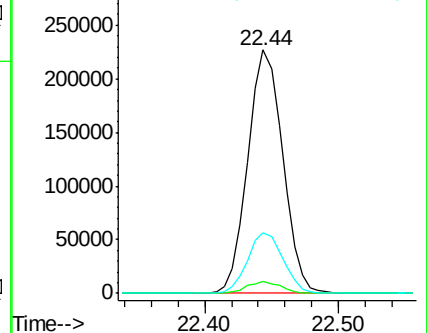
236 25.0 20.9 31.3



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: 81.502 ng

RT: 20.65 min Scan# 2954

Delta R.T. -0.01 min

Lab File: BG032161.D

Acq: 19 Jan 2018 20:59

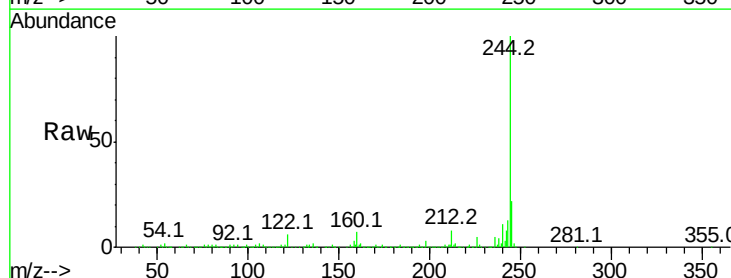
Tgt Ion:244 Resp: 1516292

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

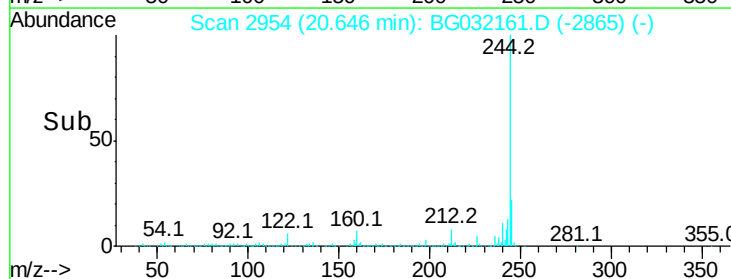
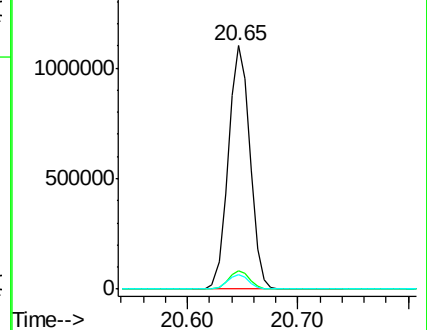
122 5.9 7.0 10.4#

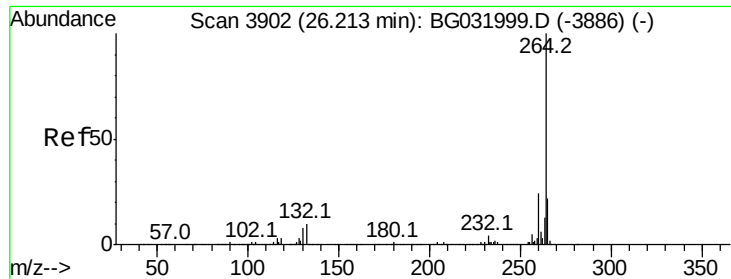


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.15 min Scan# 3890
Delta R.T. -0.01 min
Lab File: BG032161.D
Acq: 19 Jan 2018 20:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	23.5	17.7	26.5

