

Data Path : U:\HPCHEM1\BNA G\DATA\BG012018\
 Data File : BG032198.D
 Acq On : 21 Jan 2018 3:27
 Operator : SJ/JU
 Sample : PB105795TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 22 06:00:24 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

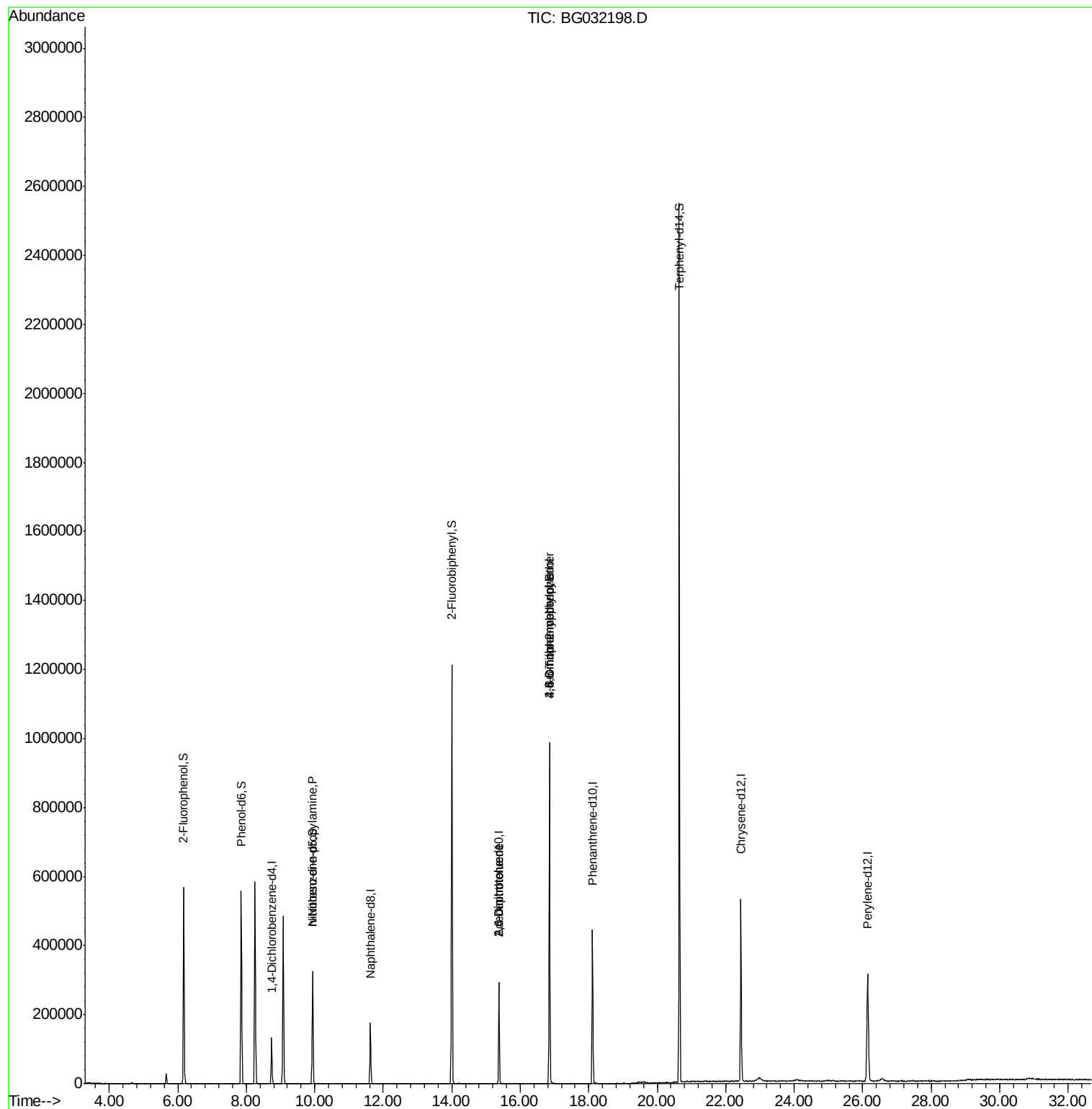
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	46398	20.00	ng	0.00
21) Naphthalene-d8	11.63	136	170880	20.00	ng	0.00
38) Acenaphthene-d10	15.37	164	113425	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	307918	20.00	ng	0.00
75) Chrysene-d12	22.44	240	398614	20.00	ng	0.00
86) Perylene-d12	26.14	264	417296	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	284150	112.01	ng	0.00
7) Phenol-d6	7.85	99	337800	105.73	ng	0.00
23) Nitrobenzene-d5	9.94	82	199890	79.14	ng	0.00
41) 2,4,6-Tribromophenol	16.85	330	219944	117.18	ng	0.00
44) 2-Fluorobiphenyl	14.00	172	707940	77.39	ng	0.00
78) Terphenyl-d14	20.64	244	1396215	77.34	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.94	70	28645	14.450	ng	# 72
50) 2,6-Dinitrotoluene	15.37	165	14635	7.104	ng	# 18
56) 2,4-Dinitrotoluene	15.37	165	14635	5.276	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.85	198	591	5.154	ng	# 58
66) 4-Bromophenyl-phenylether	16.85	248	19088	4.357	ng	# 1

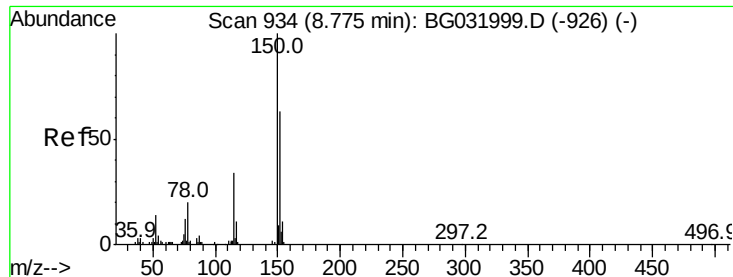
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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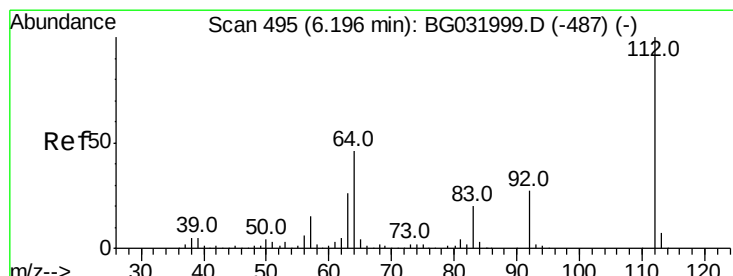
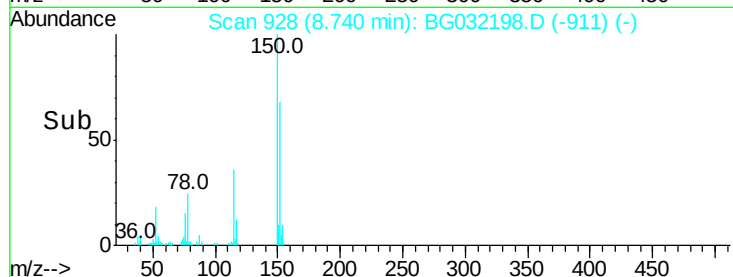
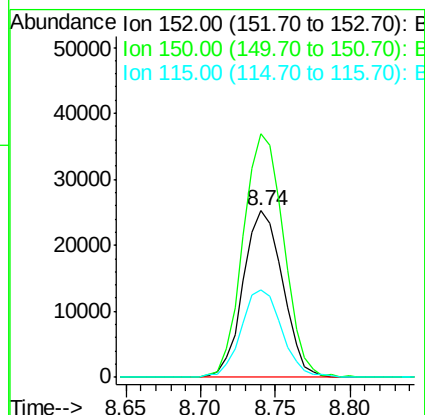
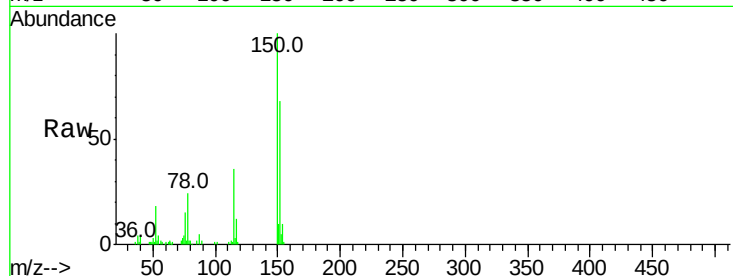


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.74 min Scan# 928
Delta R.T. -0.00 min
Lab File: BG032198.D
Acq: 21 Jan 2018 3:27

Instrument :
BNA_G
ClientSampleId :

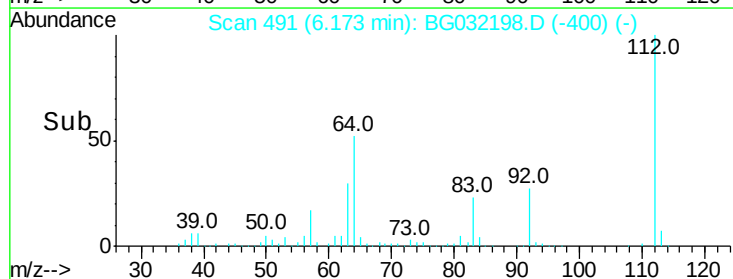
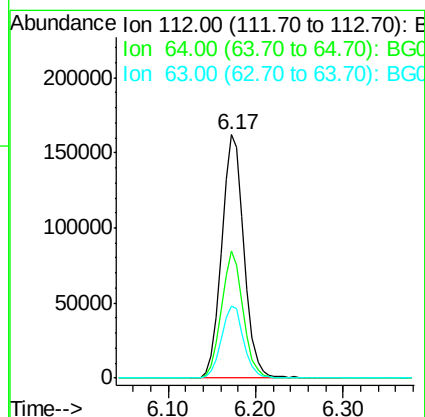
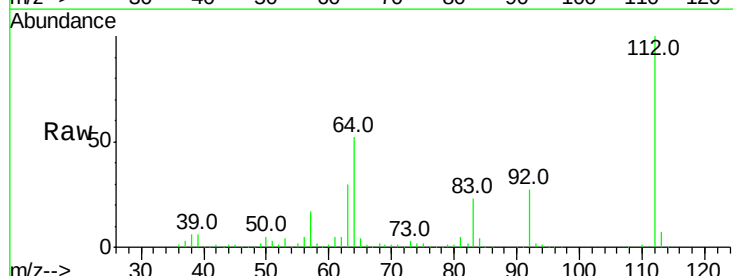
Tot Ion	Ratio	Lower	Upper
152	100		
150	146.2	126.6	189.8
115	52.7	53.0	79.4#

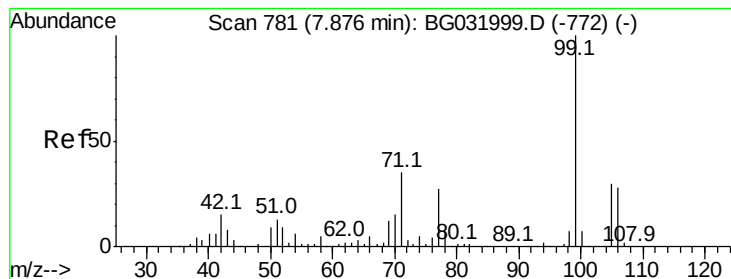


#5

2-Fluorophenol
Concen: 112.007 ng
RT: 6.17 min Scan# 491
Delta R.T. 0.00 min
Lab File: BG032198.D
Acq: 21 Jan 2018 3:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.5	56.3	84.5#
63	29.8	30.1	45.1#





#7

Phenol-d6

Concen: 105.726 ng

RT: 7.85 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG032198.D

Acq: 21 Jan 2018 3:27

Instrument :

BNA_G

ClientSampled :

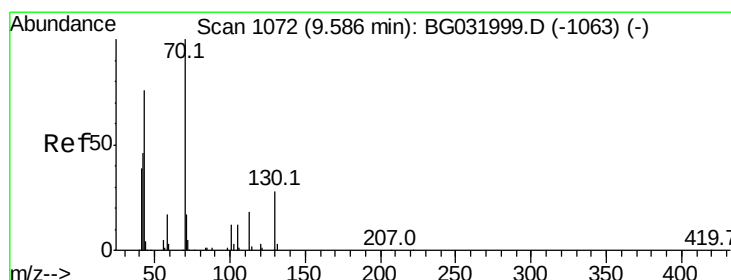
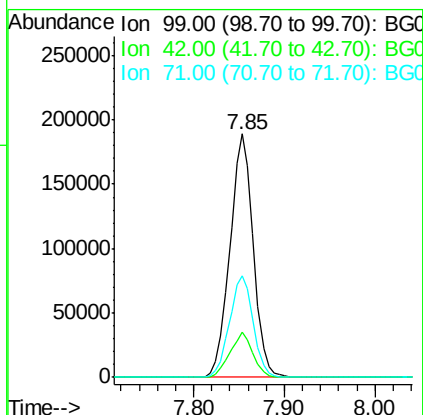
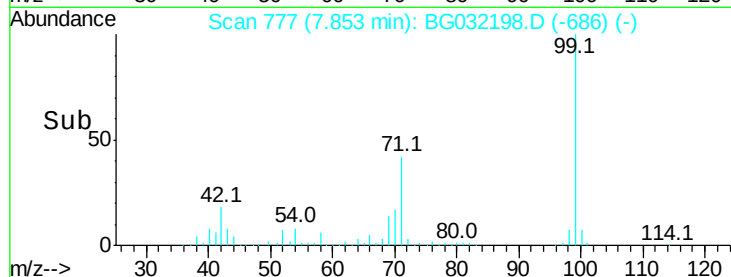
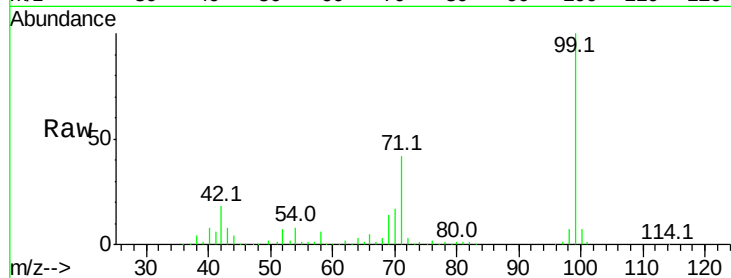
Tot Ion: 99 Resp: 337800

Ion Ratio Lower Upper

99 100

42 18.4 14.1 21.1

71 41.5 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 14.450 ng

RT: 9.94 min Scan# 1132

Delta R.T. 0.38 min

Lab File: BG032198.D

Acq: 21 Jan 2018 3:27

Tgt Ion: 70 Resp: 28645

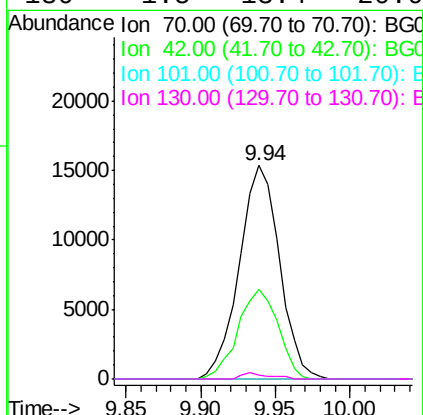
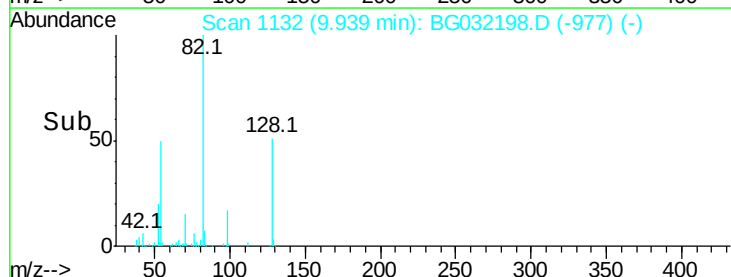
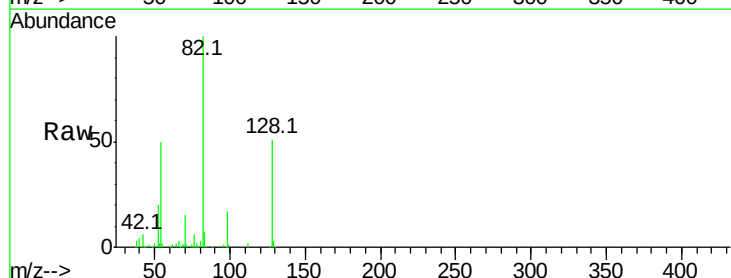
Ion Ratio Lower Upper

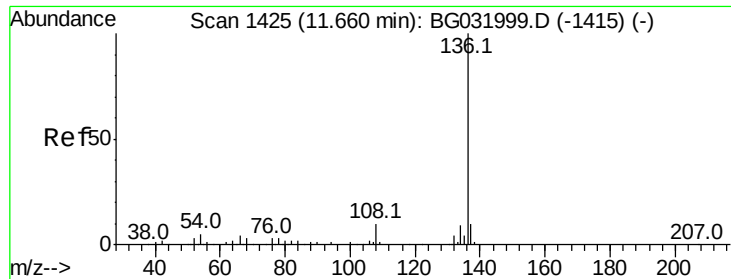
70 100

42 41.8 49.1 73.7#

101 0.0 8.5 12.7#

130 1.5 13.4 20.0#

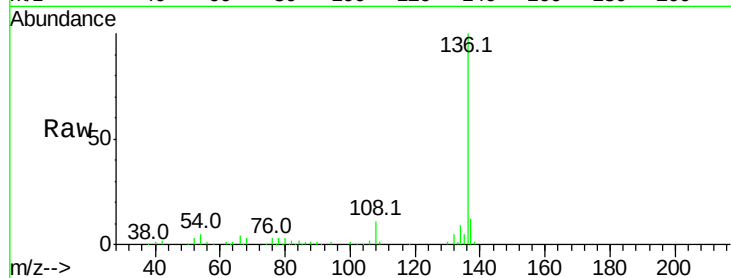




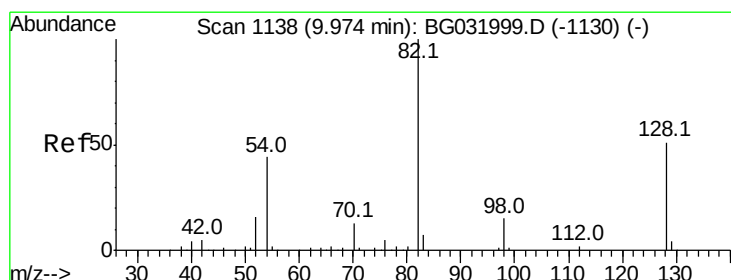
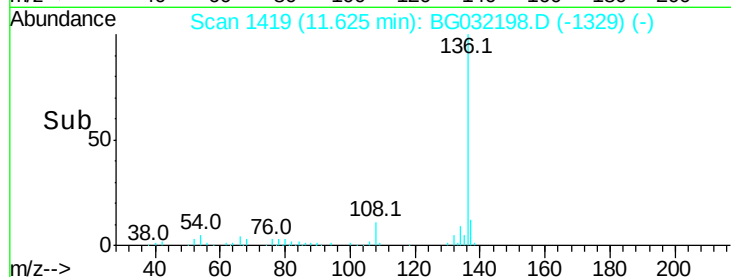
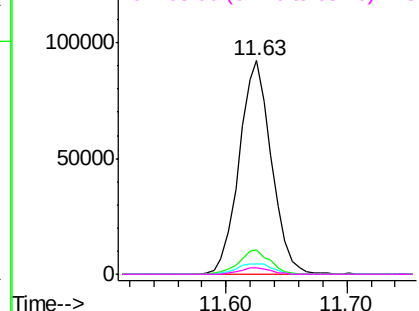
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.63 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BG032198.D
Acq: 21 Jan 2018 3:27

Instrument :
BNA_G
ClientSampled :

Tot Ion:	136	Resp:	170880
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	4.7	10.3	15.5#
68	3.3	4.5	6.7#

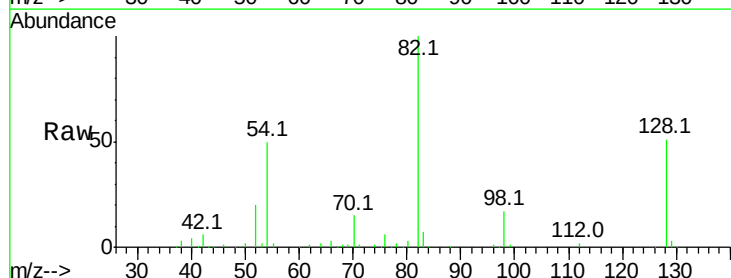


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

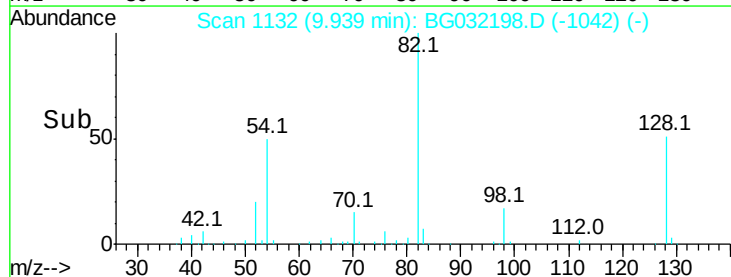
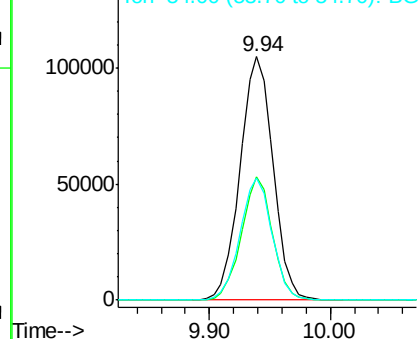


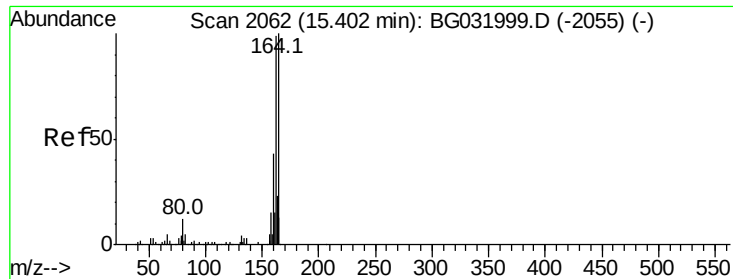
#23
Nitrobenzene-d5
Concen: 79.140 ng
RT: 9.94 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BG032198.D
Acq: 21 Jan 2018 3:27

Tgt Ion:	82	Resp:	199890
Ion	Ratio	Lower	Upper
82	100		
128	50.9	29.7	44.5#
54	50.3	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: 15.37 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BG032198.D

Acq: 21 Jan 2018 3:27

Instrument :

BNA_G

ClientSampleId :

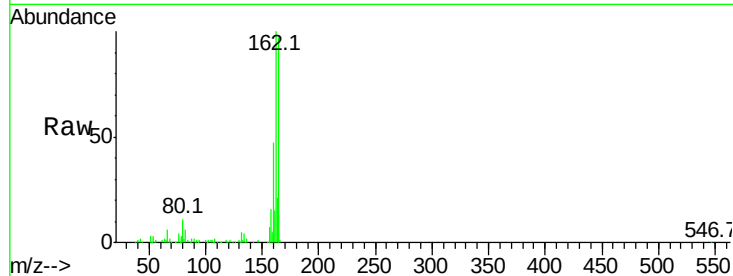
Tot Ion:164 Resp: 113425

Ion Ratio Lower Upper

164 100

162 103.4 78.8 118.2

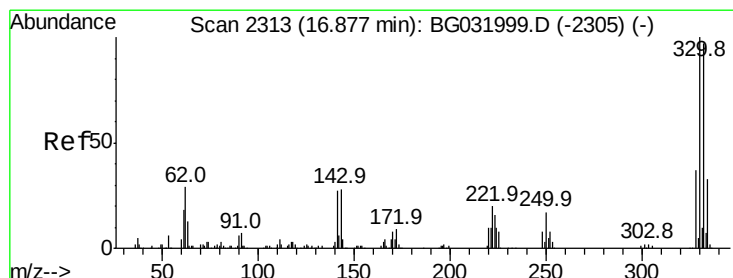
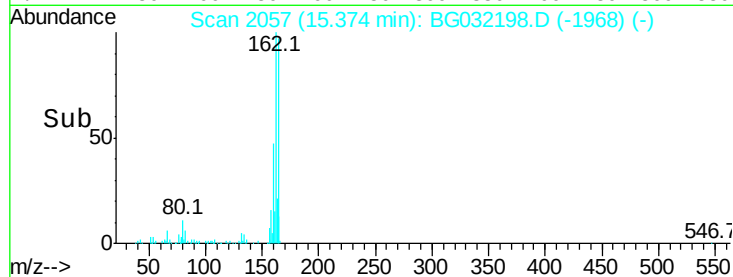
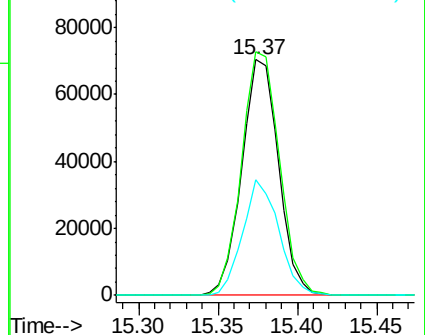
160 48.9 35.4 53.0



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: 117.184 ng

RT: 16.85 min Scan# 2309

Delta R.T. -0.00 min

Lab File: BG032198.D

Acq: 21 Jan 2018 3:27

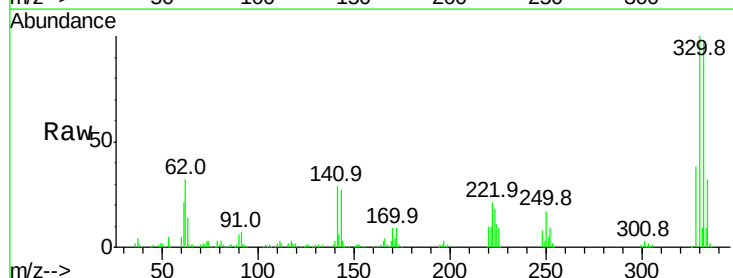
Tgt Ion:330 Resp: 219944

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.6

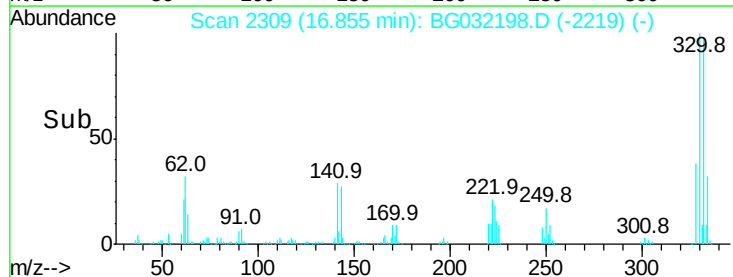
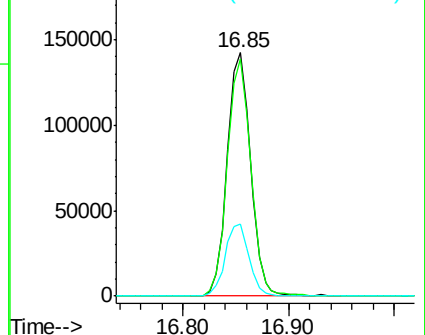
141 30.0 25.2 37.8

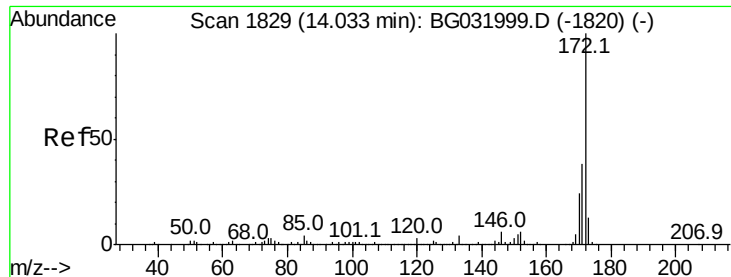


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

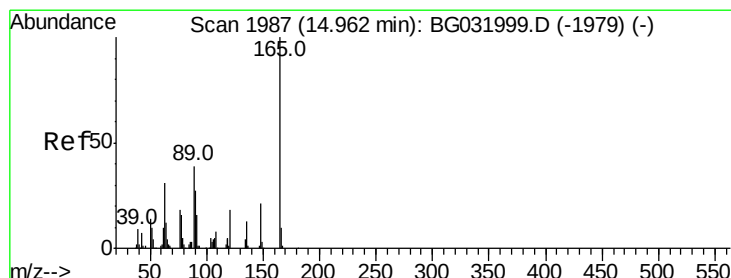
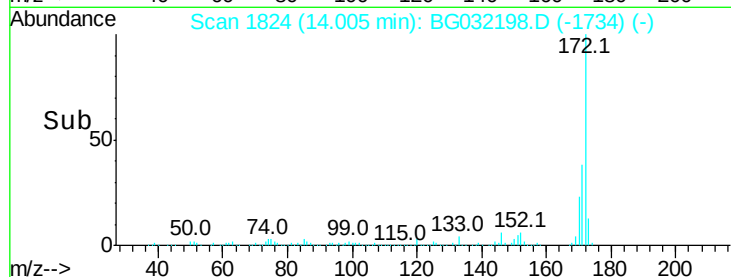
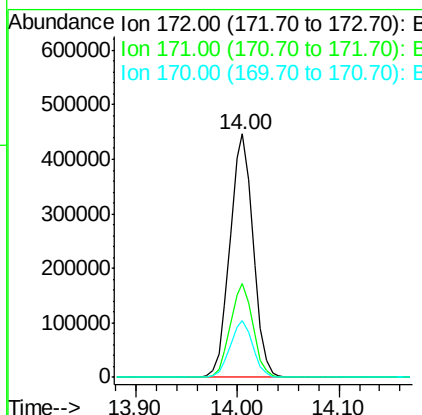
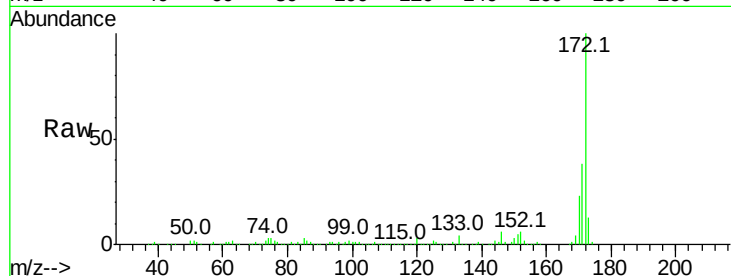




#44
 2-Fluorobiphenyl
 Concen: 77.391 ng
 RT: 14.00 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BG032198.D
 Acq: 21 Jan 2018 3:27

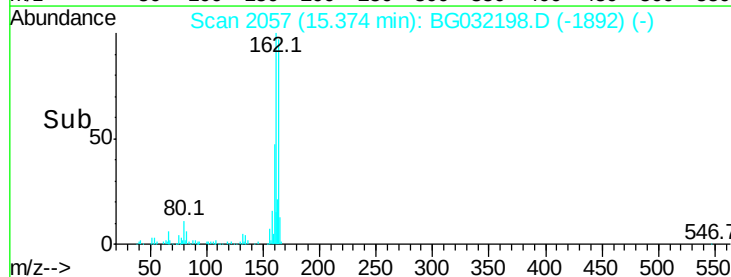
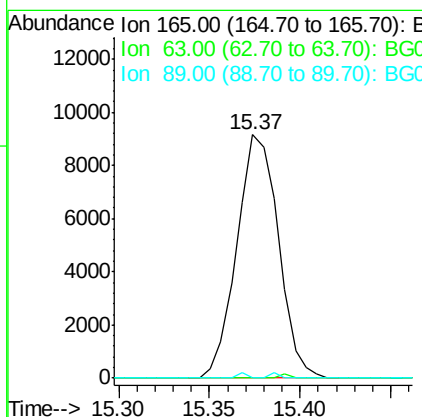
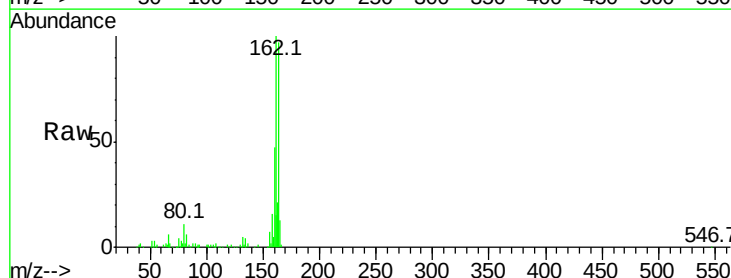
Instrument :
 BNA_G
 ClientSampleId :

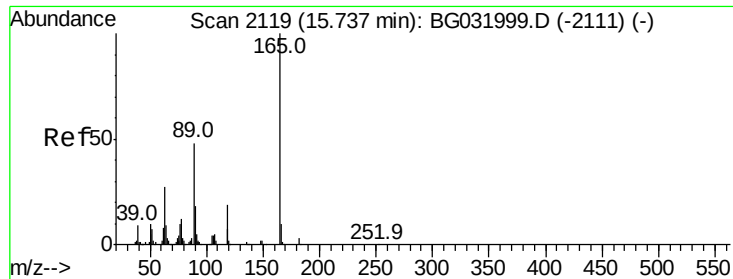
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.0	45.0
170	23.3	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.104 ng
 RT: 15.37 min Scan# 2057
 Delta R.T. 0.44 min
 Lab File: BG032198.D
 Acq: 21 Jan 2018 3:27

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

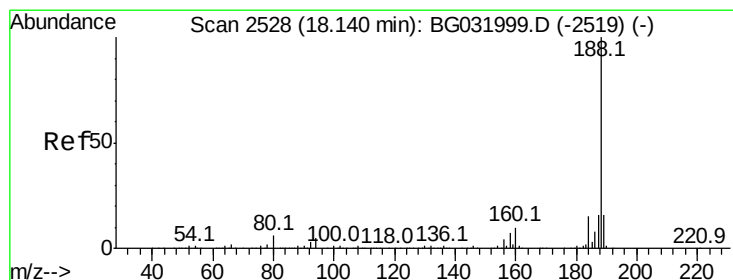
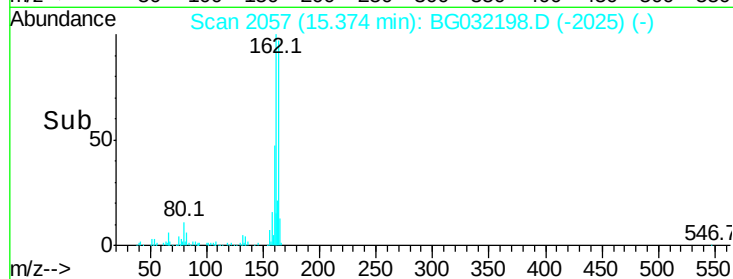
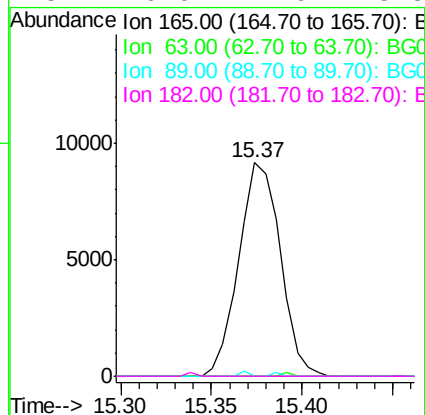
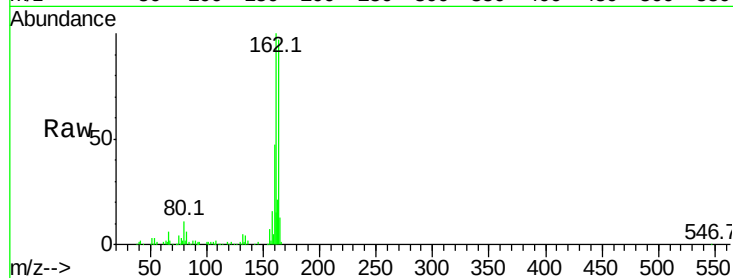




#56
 2,4-Dinitrotoluene
 Concen: 5.276 ng
 RT: 15.37 min Scan# 2057
 Delta R.T. -0.34 min
 Lab File: BG032198.D
 Acq: 21 Jan 2018 3:27

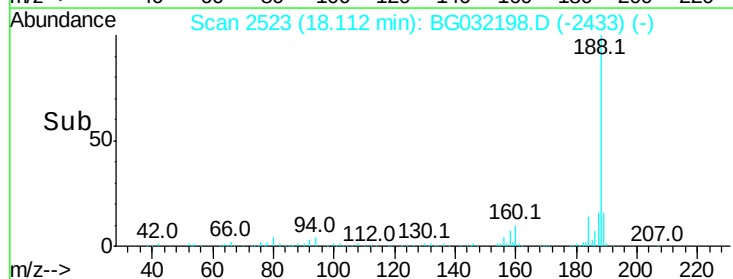
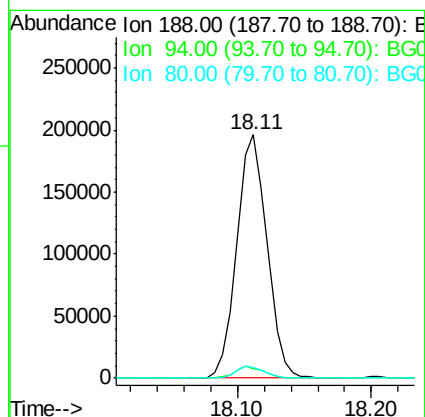
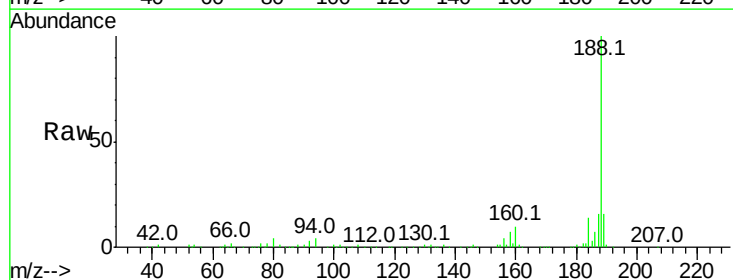
Instrument :
 BNA_G
 ClientSampleId :

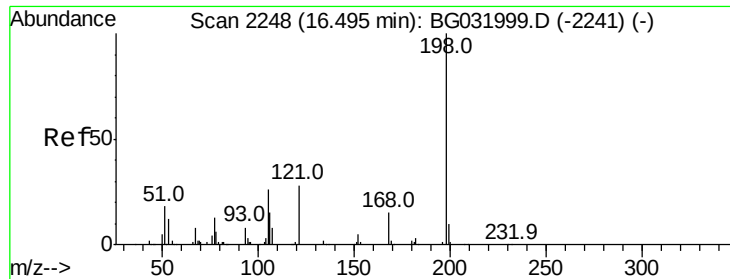
Tot Ion:	165	Resp:	14635
Ion Ratio	Lower	Upper	
165	100		
63	0.0	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.11 min Scan# 2523
 Delta R.T. -0.00 min
 Lab File: BG032198.D
 Acq: 21 Jan 2018 3:27

Tgt Ion:	188	Resp:	307918
Ion Ratio	Lower	Upper	
188	100		
94	3.7	6.9	10.3#
80	4.5	7.7	11.5#

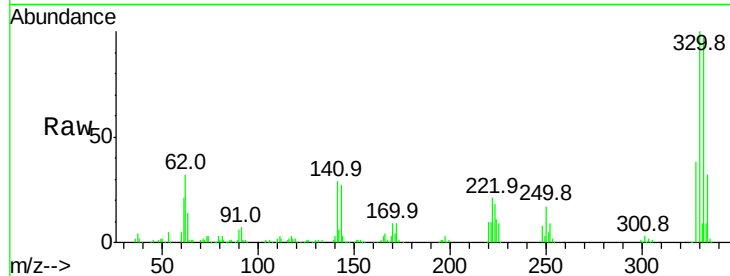




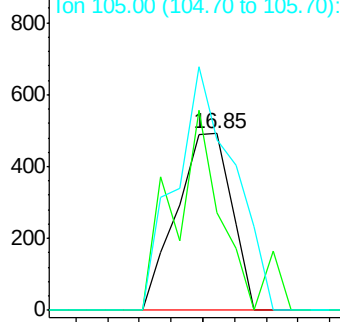
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.154 ng
 RT: 16.85 min Scan# 2309
 Delta R.T. 0.38 min
 Lab File: BG032198.D
 Acq: 21 Jan 2018 3:27

Instrument :
 BNA_G
 ClientSampleId :

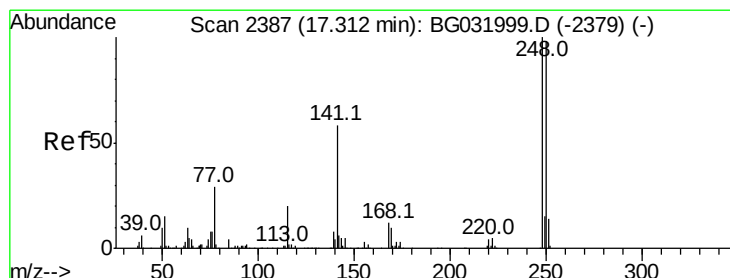
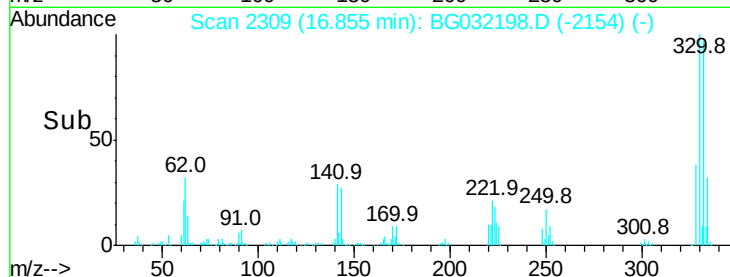
Tot Ion:198 Resp: 591
 Ion Ratio Lower Upper
 198 100
 51 55.1 30.6 70.6
 105 96.7 23.8 63.8#



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

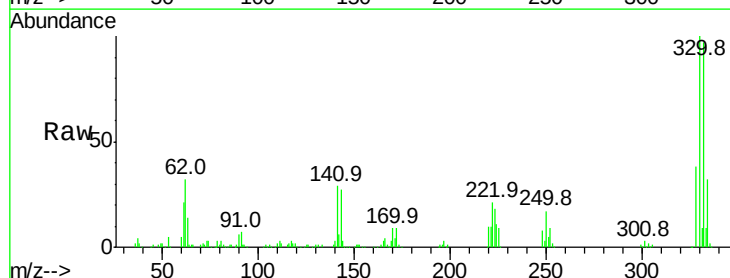


Time-->

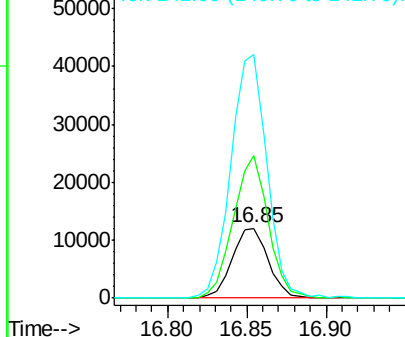


#66
 4-Bromophenyl-phenylether
 Concen: 4.357 ng
 RT: 16.85 min Scan# 2309
 Delta R.T. -0.44 min
 Lab File: BG032198.D
 Acq: 21 Jan 2018 3:27

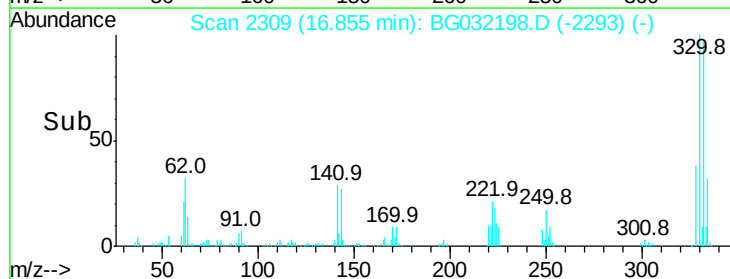
Tgt Ion:248 Resp: 19088
 Ion Ratio Lower Upper
 248 100
 250 204.4 77.1 115.7#
 141 349.1 50.8 76.2#

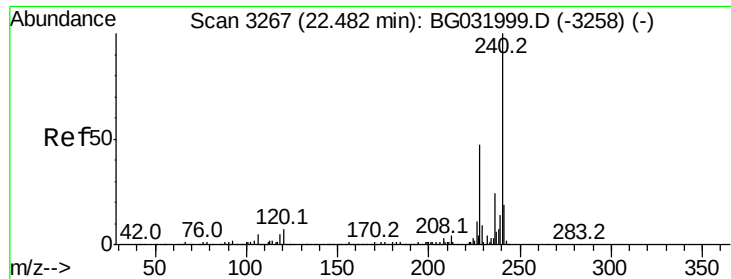


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.44 min Scan# 3260

Delta R.T. -0.01 min

Lab File: BG032198.D

Acq: 21 Jan 2018 3:27

Instrument :

BNA_G

ClientSampled :

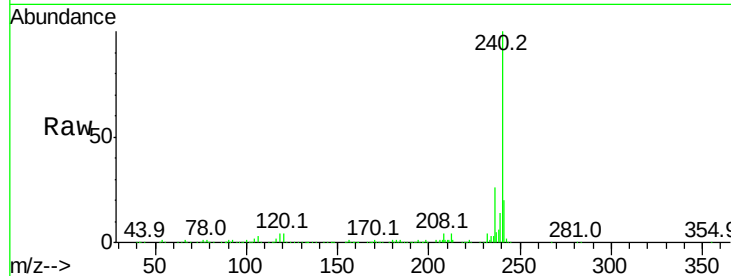
Tot Ion:240 Resp: 398614

Ion Ratio Lower Upper

240 100

120 4.3 6.8 10.2#

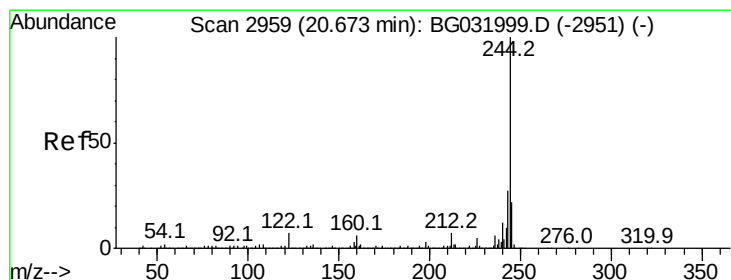
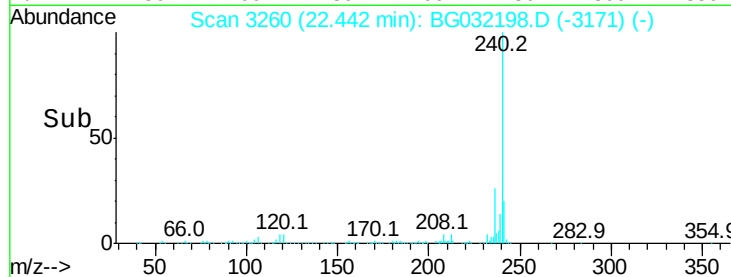
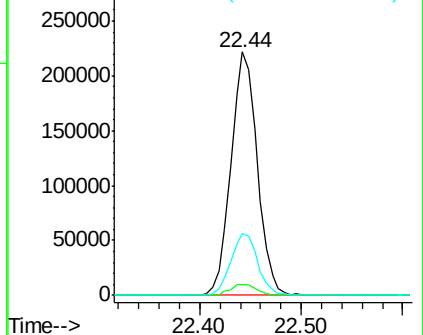
236 25.5 20.9 31.3



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: 77.341 ng

RT: 20.64 min Scan# 2954

Delta R.T. -0.01 min

Lab File: BG032198.D

Acq: 21 Jan 2018 3:27

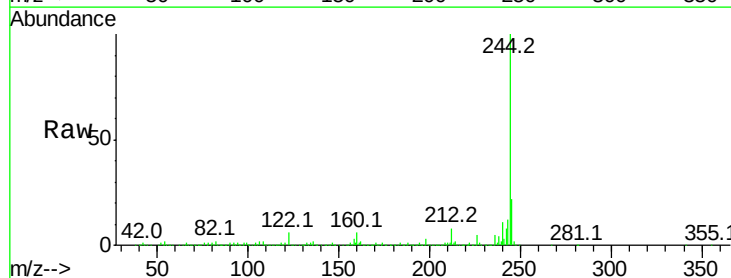
Tgt Ion:244 Resp: 1396215

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

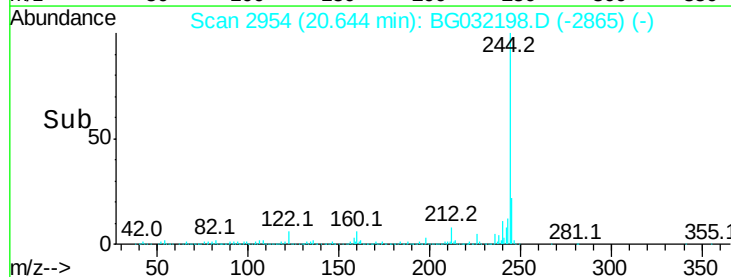
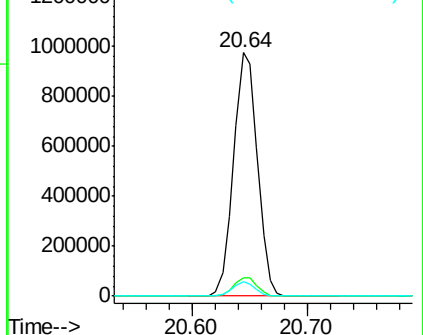
122 6.0 7.0 10.4#

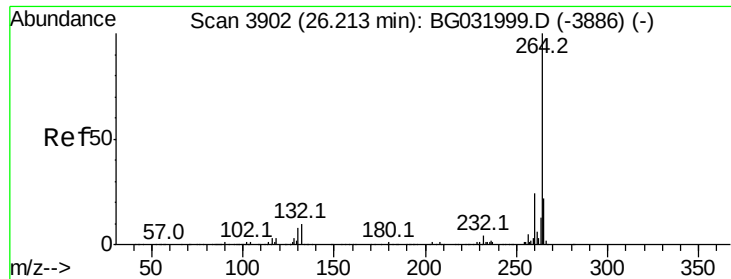


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

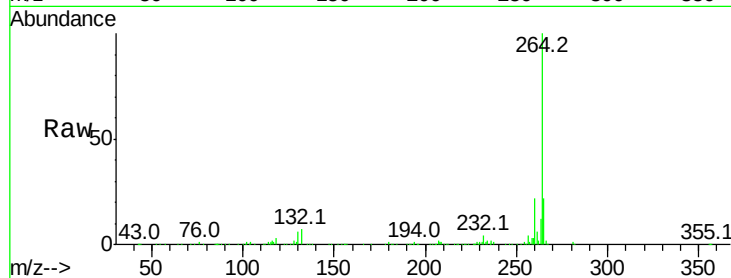




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.14 min Scan# 3890
Delta R.T. -0.01 min
Lab File: BG032198.D
Acq: 21 Jan 2018 3:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.4	26.0
265	21.5	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

