

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
 Data File : BG032829.D
 Acq On : 26 Feb 2018 19:40
 Operator : SJ/JU
 Sample : PB106826BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 27 01:21:49 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 17:50:45 2018
 Response via : Initial Calibration

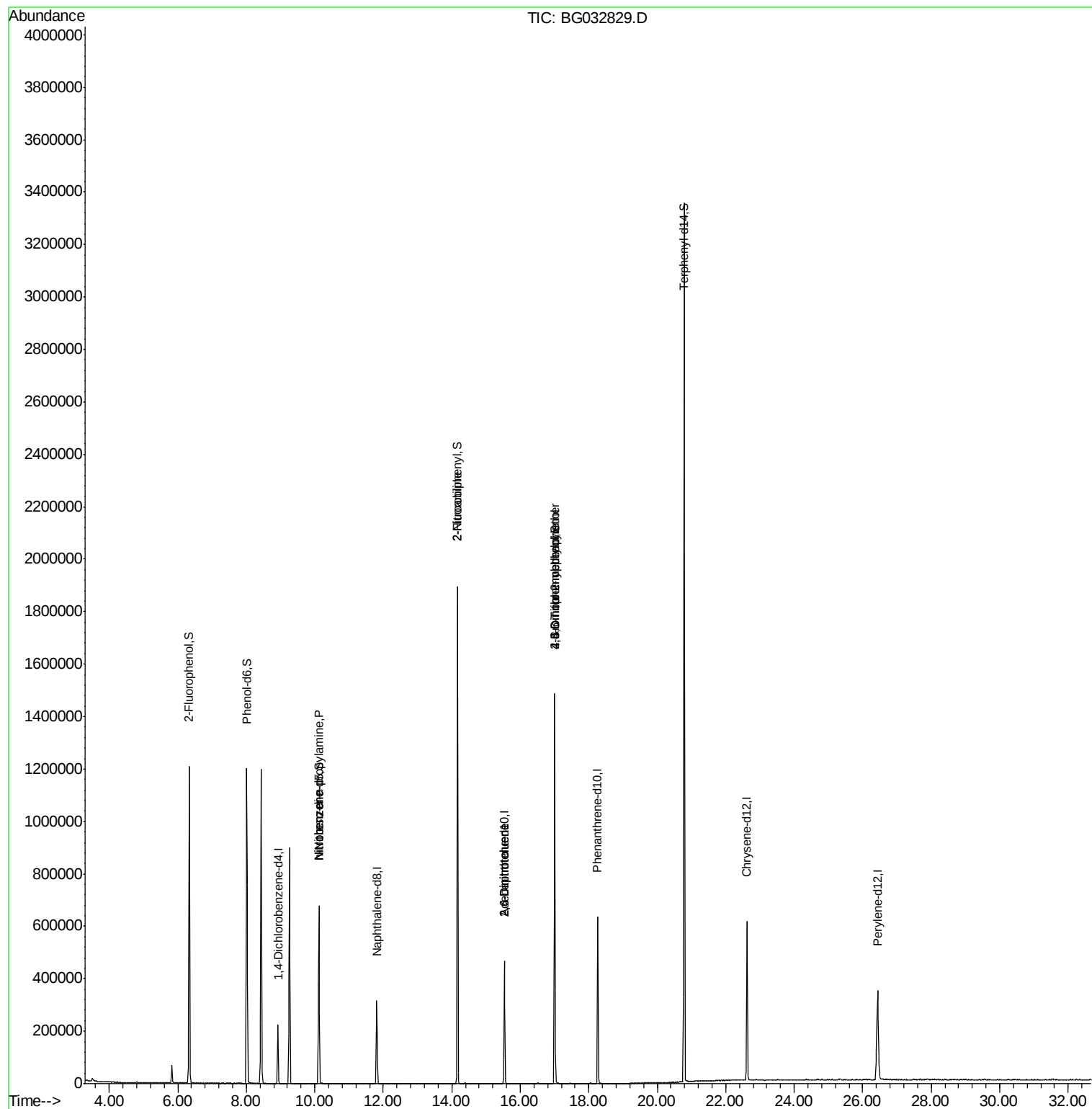
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	66483	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	288059	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	161402	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	385285	20.00	ng	0.00
75) Chrysene-d12	22.62	240	387809	20.00	ng	-0.01
86) Perylene-d12	26.43	264	411058	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	597144	143.70	ng	0.00
7) Phenol-d6	8.02	99	774614	133.73	ng	0.00
23) Nitrobenzene-d5	10.12	82	432991	102.06	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	258550	152.35	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	980498	87.62	ng	0.00
78) Terphenyl-d14	20.79	244	1557104	90.21	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.12	70	53986	13.20	ng	# 80
24) Nitrobenzene	10.12	77	1294	6.62	ng	# 36
47) 2-Nitroaniline	14.17	65	1712	10.35	ng	# 8
50) 2,6-Dinitrotoluene	15.54	165	20741	16.35	ng	# 21
56) 2,4-Dinitrotoluene	15.54	165	20741	14.54	ng	# 19
64) 4,6-Dinitro-2-methylphenol	17.01	198	791	5.82	ng	# 1
66) 4-Bromophenyl-phenylether	17.01	248	18129	4.45	ng	# 1

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

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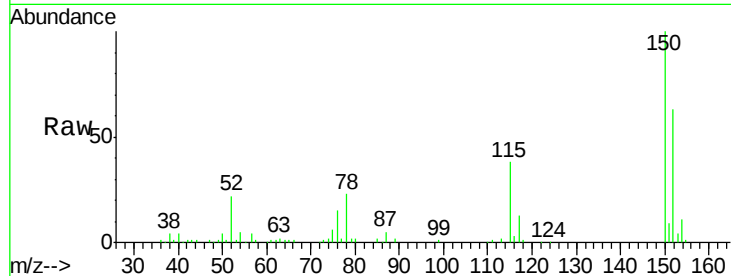


#1

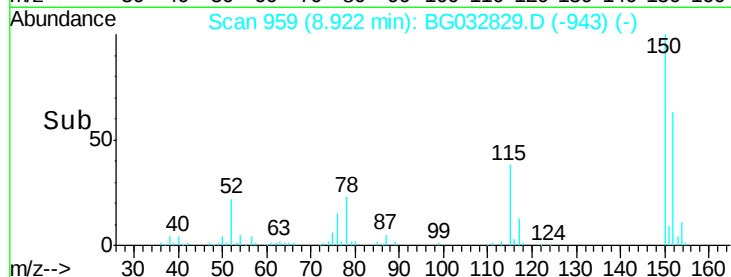
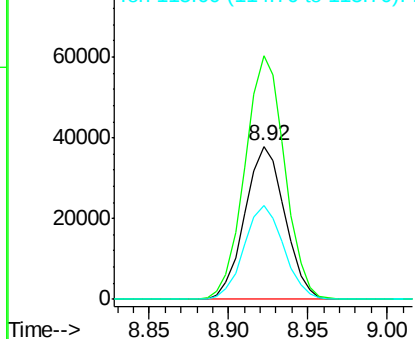
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG032829.D
Acq: 26 Feb 2018 19:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 66483
Ion Ratio Lower Upper
152 100
150 158.7 126.6 189.8
115 60.8 53.0 79.4



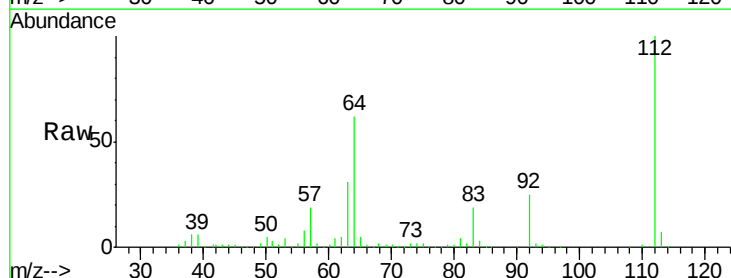
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



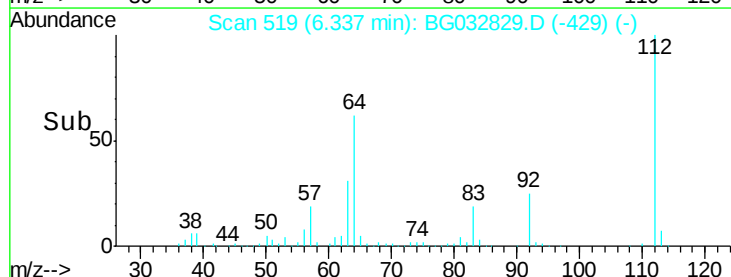
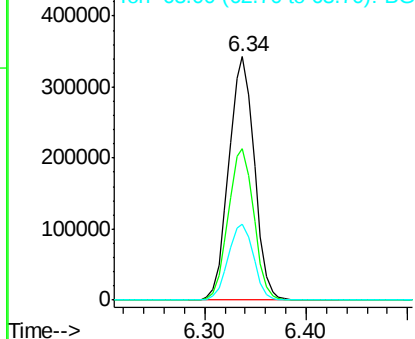
#5

2-Fluorophenol
Concen: 143.70 ng
RT: 6.34 min Scan# 519
Delta R.T. 0.00 min
Lab File: BG032829.D
Acq: 26 Feb 2018 19:40

Tgt Ion:112 Resp: 597144
Ion Ratio Lower Upper
112 100
64 62.2 56.3 84.5
63 31.2 30.1 45.1



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





#7

Phenol-d6

Concen: 133.73 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG032829.D

Acq: 26 Feb 2018 19:40

Instrument :

BNA_G

ClientSampled :

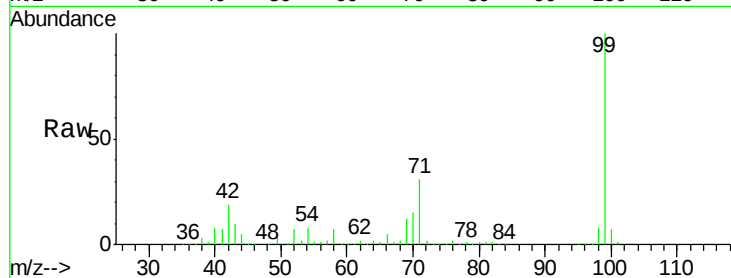
Tot Ion: 99 Resp: 774614

Ion Ratio Lower Upper

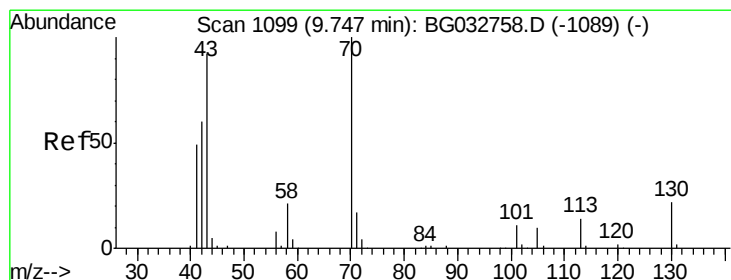
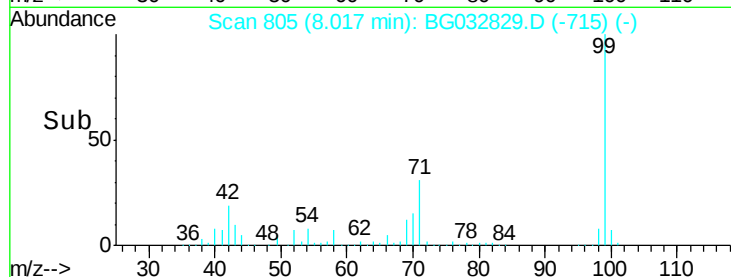
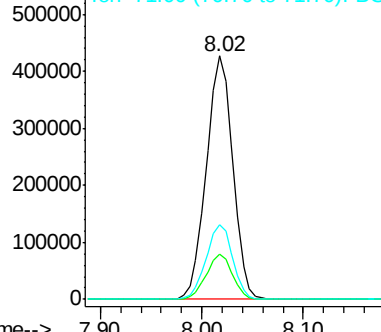
99 100

42 18.8 14.1 21.1

71 30.9 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: 13.20 ng

RT: 10.12 min Scan# 1163

Delta R.T. 0.38 min

Lab File: BG032829.D

Acq: 26 Feb 2018 19:40

Tgt Ion: 70 Resp: 53986

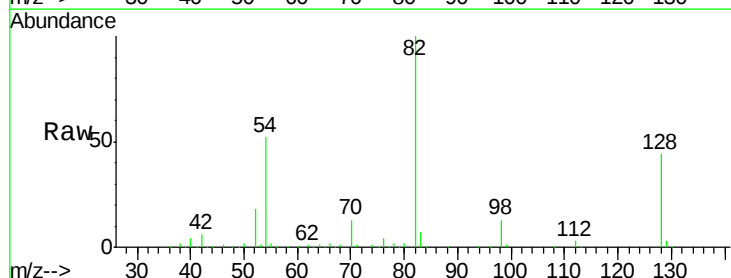
Ion Ratio Lower Upper

70 100

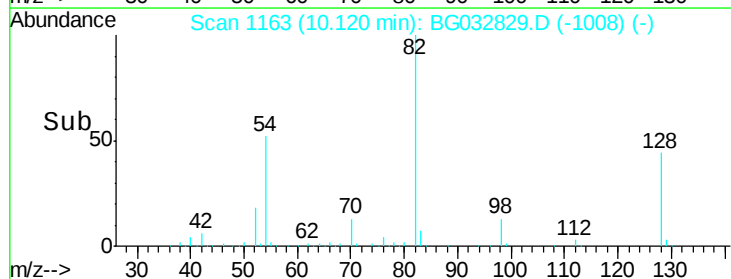
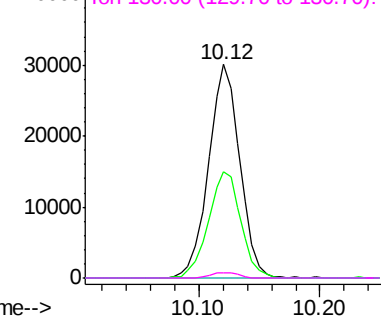
42 49.8 49.1 73.7

101 0.0 8.5 12.7#

130 2.2 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

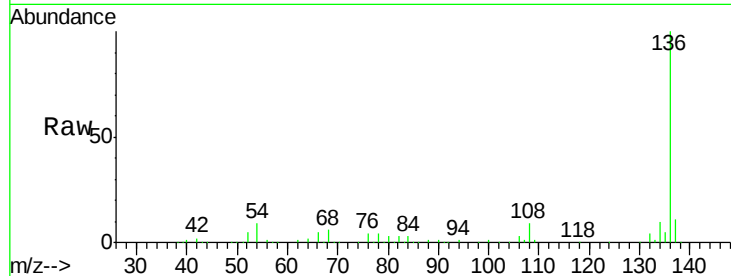




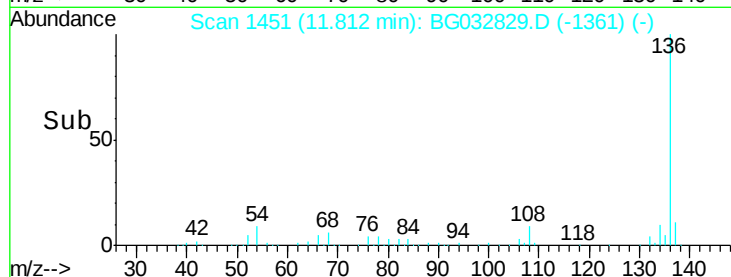
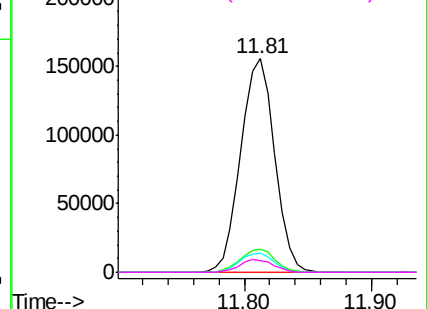
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.81 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BG032829.D
Acq: 26 Feb 2018 19:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	288059
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.2 13.8
54	8.7	10.3 15.5#
68	5.6	4.5 6.7

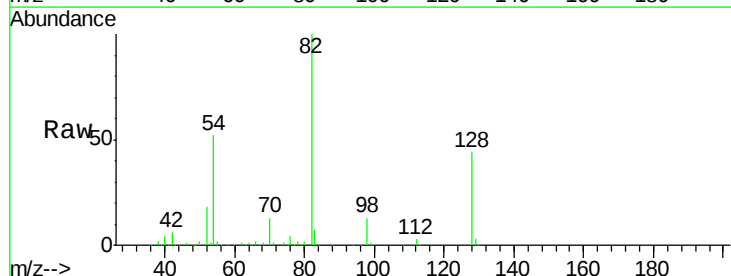


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

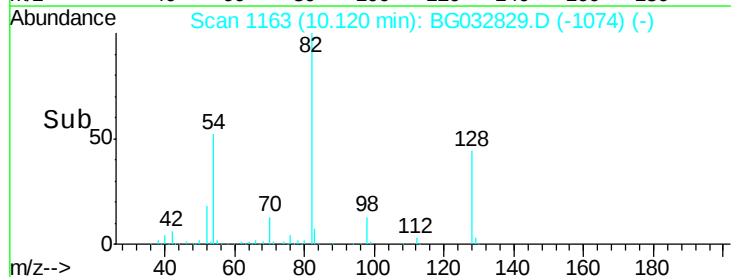
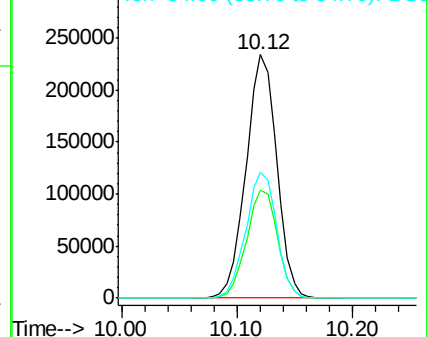


#23
Nitrobenzene-d5
Concen: 102.06 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BG032829.D
Acq: 26 Feb 2018 19:40

Tgt Ion: 82	Resp:	432991
Ion Ratio	Lower	Upper
82	100	
128	44.4	29.7 44.5
54	51.7	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

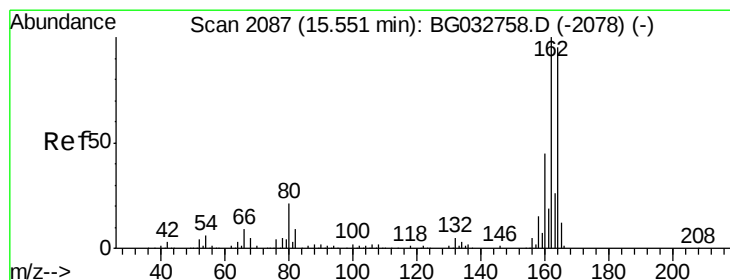
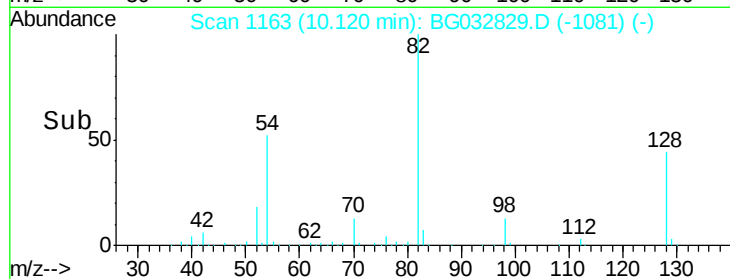
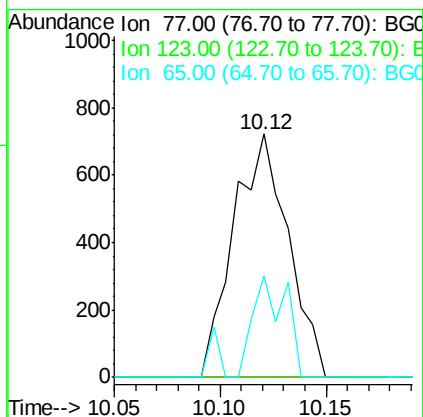
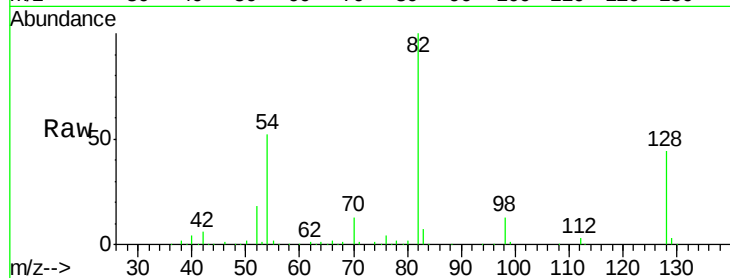




#24
Nitrobenzene
Concen: 6.62 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.05 min
Lab File: BG032829.D
Acq: 26 Feb 2018 19:40

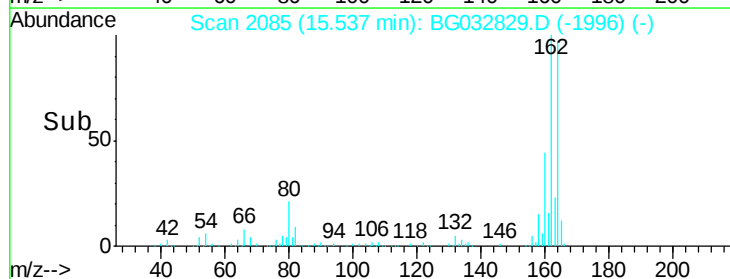
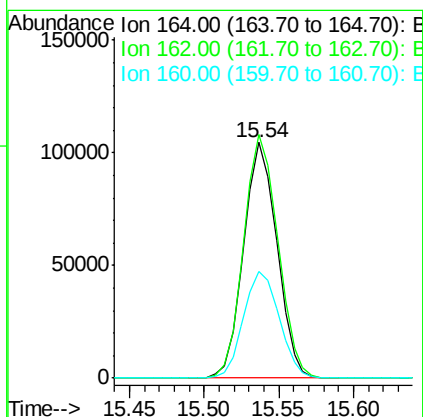
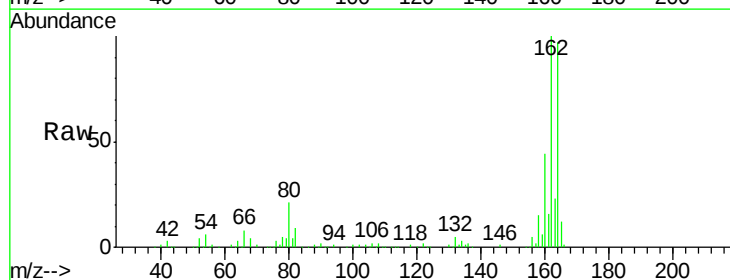
Instrument :
BNA_G
ClientSampled :

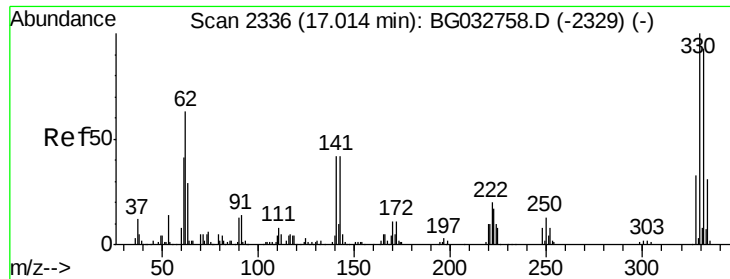
Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	41.9	13.0	19.6#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.00 min
Lab File: BG032829.D
Acq: 26 Feb 2018 19:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	78.8	118.2
160	45.1	35.4	53.0

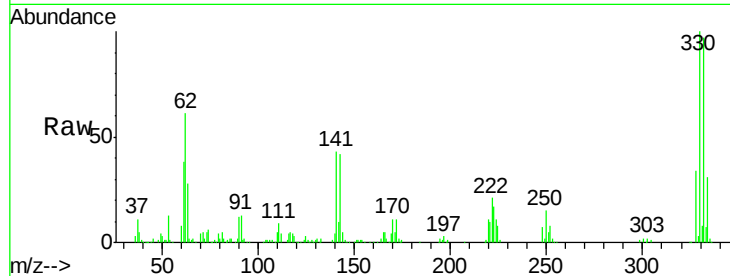




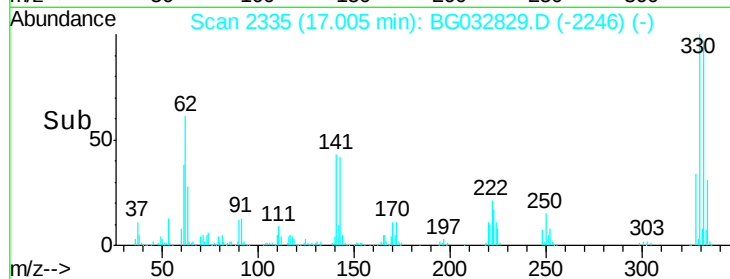
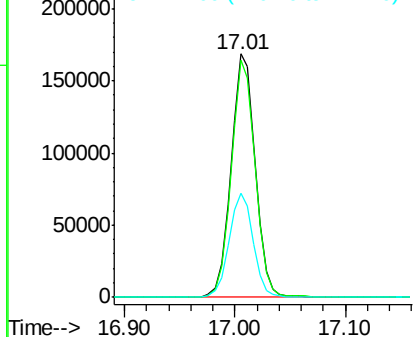
#41
 2,4,6-Tribromophenol
 Concen: 152.35 ng
 RT: 17.01 min Scan# 2335
 Delta R.T. -0.00 min
 Lab File: BG032829.D
 Acq: 26 Feb 2018 19:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 258550
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 42.9 25.2 37.8#

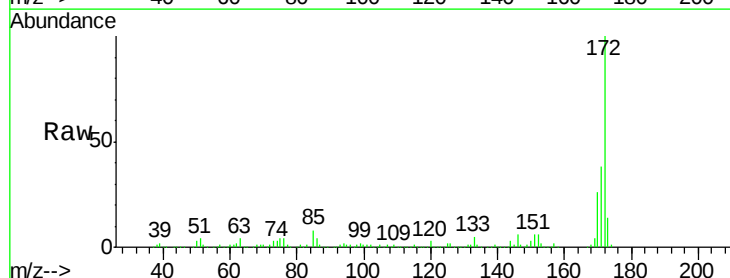


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

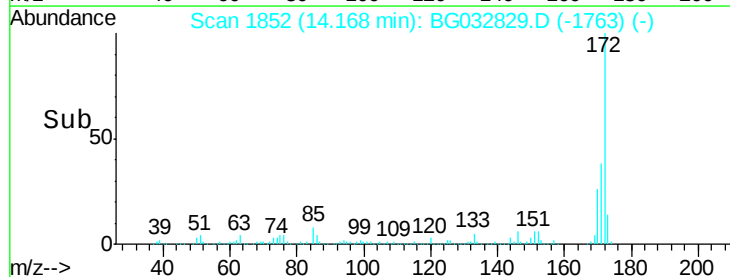
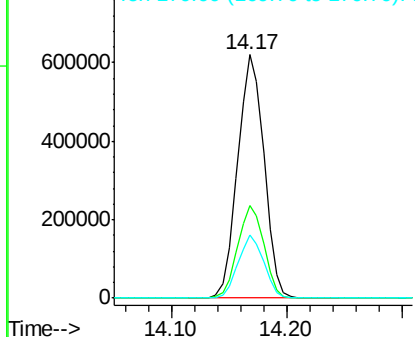


#44
 2-Fluorobiphenyl
 Concen: 87.62 ng
 RT: 14.17 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: BG032829.D
 Acq: 26 Feb 2018 19:40

Tgt Ion:172 Resp: 980498
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.0 45.0
 170 25.7 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

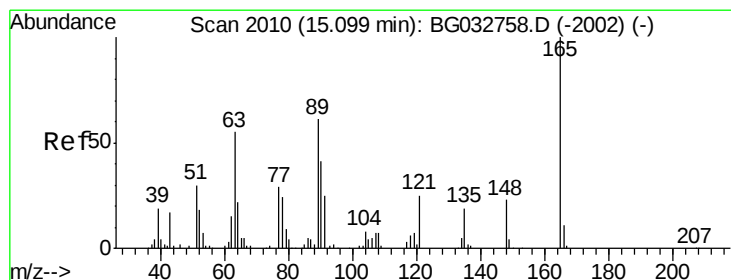
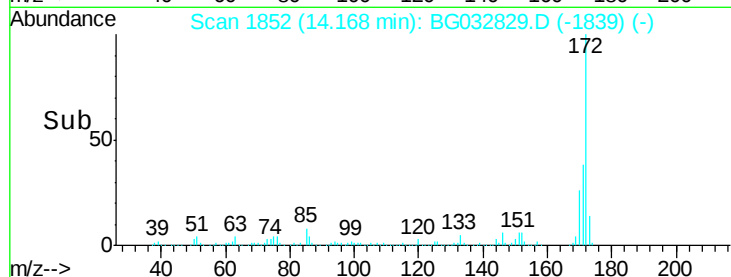
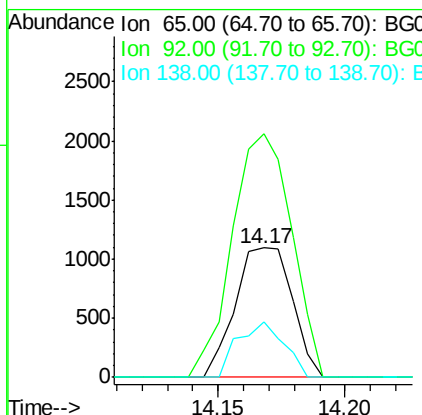
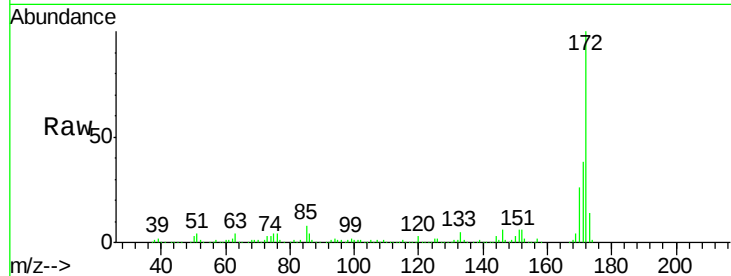




#47
 2-Nitroaniline
 Concen: 10.35 ng
 RT: 14.17 min Scan# 1852
 Delta R.T. -0.45 min
 Lab File: BG032829.D
 Acq: 26 Feb 2018 19:40

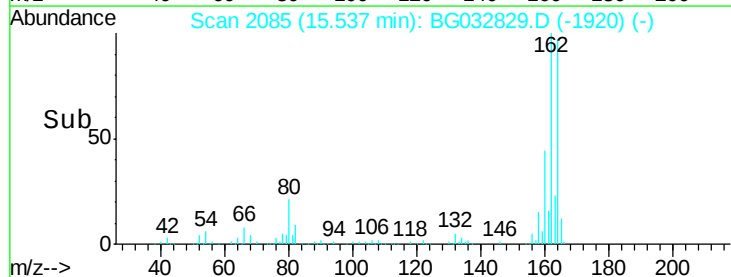
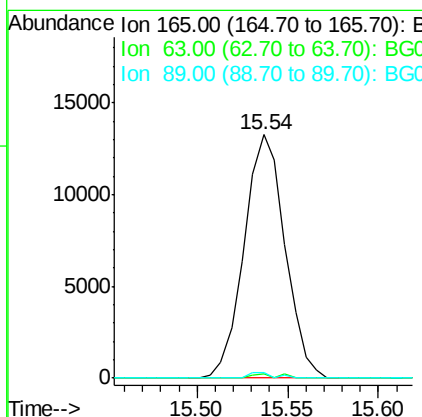
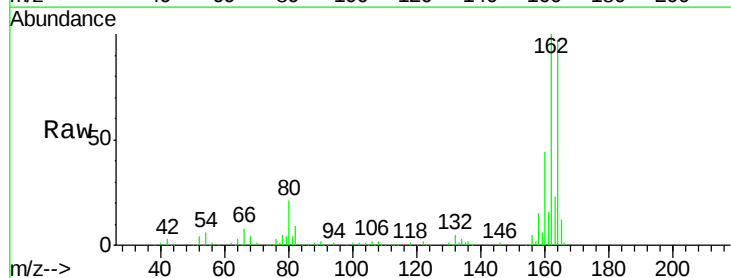
Instrument :
 BNA_G
 ClientSampled :

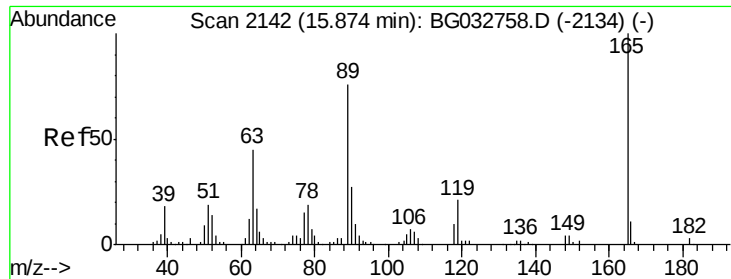
Tot Ion: 65 Resp: 1712
 Ion Ratio Lower Upper
 65 100
 92 187.9 54.6 82.0#
 138 42.6 72.9 109.3#



#50
 2,6-Dinitrotoluene
 Concen: 16.35 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. 0.44 min
 Lab File: BG032829.D
 Acq: 26 Feb 2018 19:40

Tgt Ion:165 Resp: 20741
 Ion Ratio Lower Upper
 165 100
 63 1.6 52.7 79.1#
 89 2.5 49.2 73.8#

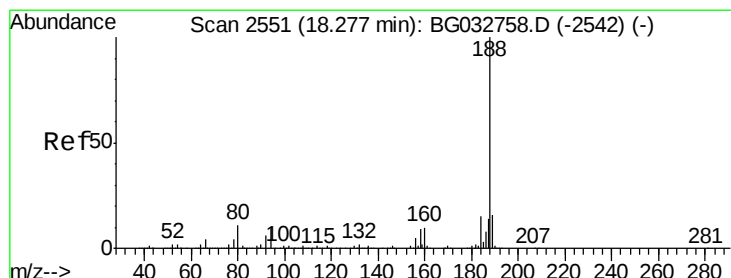
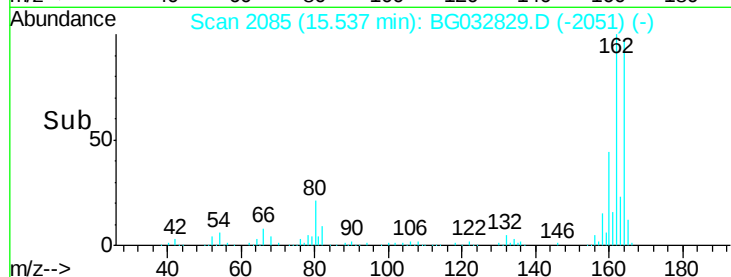
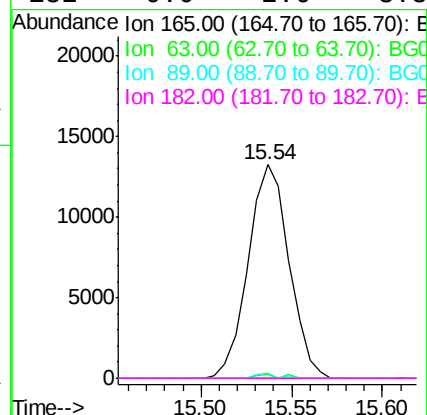
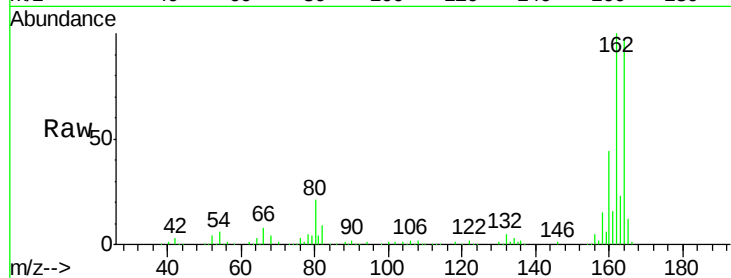




#56
 2,4-Dinitrotoluene
 Concen: 14.54 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.33 min
 Lab File: BG032829.D
 Acq: 26 Feb 2018 19:40

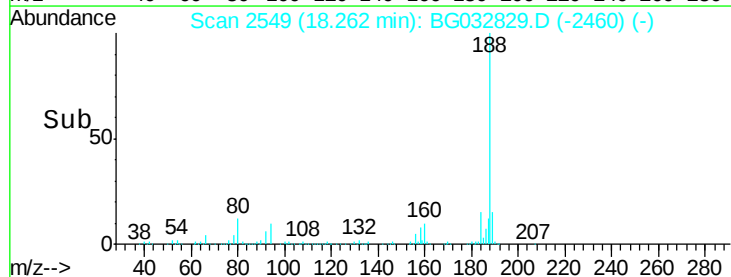
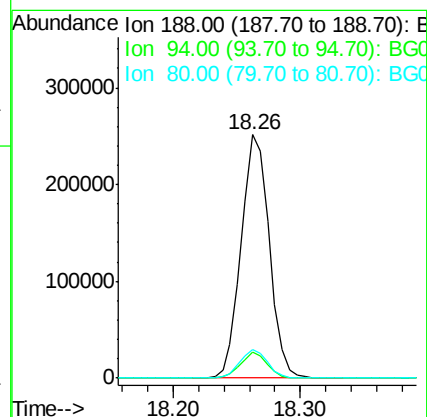
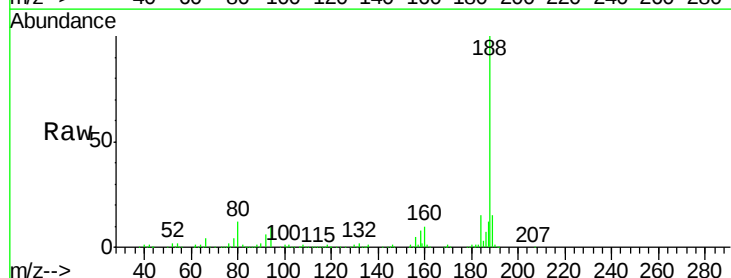
Instrument :
 BNA_G
 ClientSampleId :

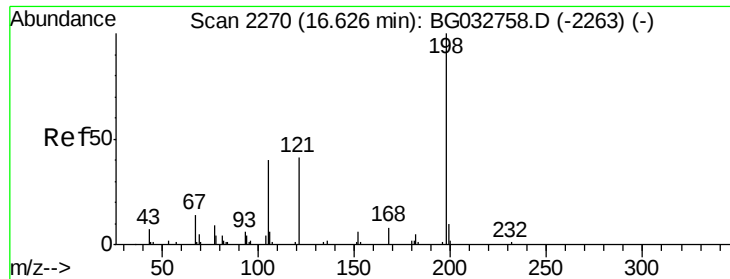
Tot Ion:165	Resp: 20741
Ion Ratio	Lower Upper
165 100	
63 1.6	42.0 63.0#
89 2.5	66.9 100.3#
182 0.0	2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 18.26 min Scan# 2549
 Delta R.T. -0.00 min
 Lab File: BG032829.D
 Acq: 26 Feb 2018 19:40

Tgt	Ion:188	Resp:	385285
Ion	Ratio	Lower	Upper
188	100		
94	10.5	6.9	10.3#
80	11.8	7.7	11.5#





#64

4,6-Dinitro-2-methylphenol

Concen: 5.82 ng

RT: 17.01 min Scan# 2335

Delta R.T. 0.38 min

Lab File: BG032829.D

Acq: 26 Feb 2018 19:40

Instrument :

BNA_G

ClientSampleId :

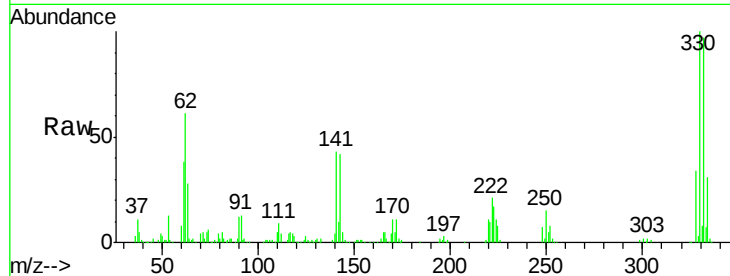
Tot Ion:198 Resp: 791

Ion Ratio Lower Upper

198 100

51 147.3 30.6 70.6#

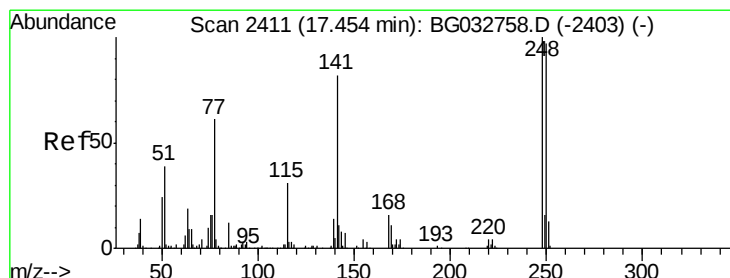
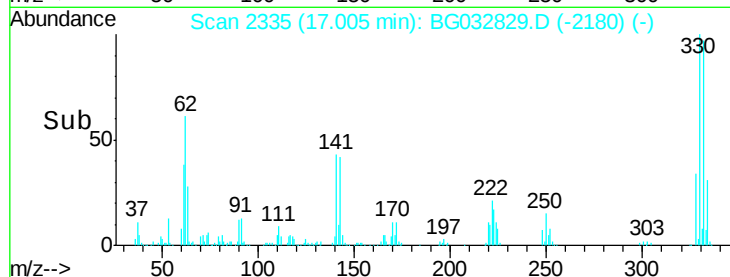
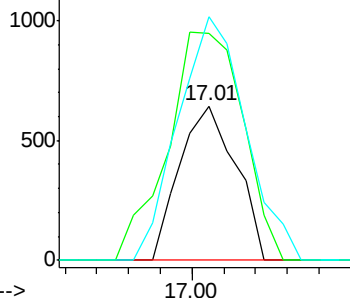
105 157.7 23.8 63.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 4.45 ng

RT: 17.01 min Scan# 2335

Delta R.T. -0.44 min

Lab File: BG032829.D

Acq: 26 Feb 2018 19:40

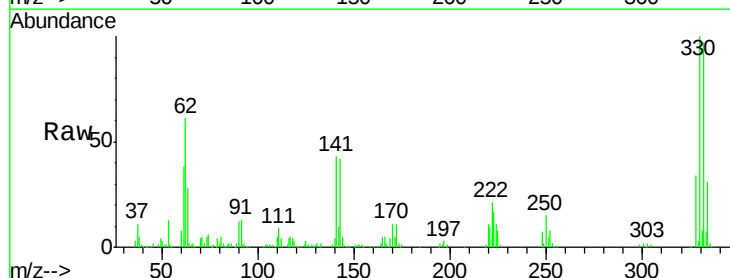
Tgt Ion:248 Resp: 18129

Ion Ratio Lower Upper

248 100

250 212.7 77.1 115.7#

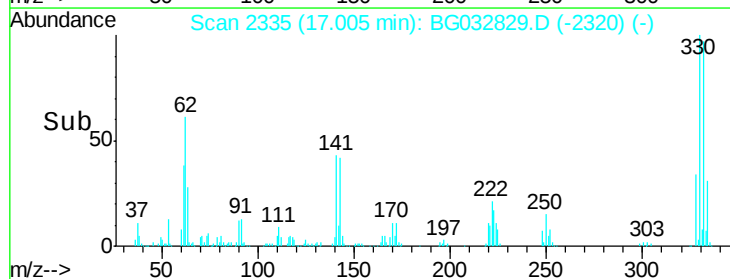
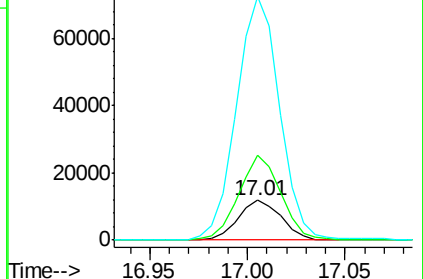
141 608.9 50.8 76.2#

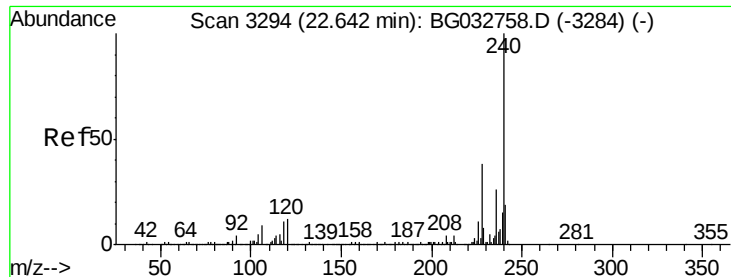


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

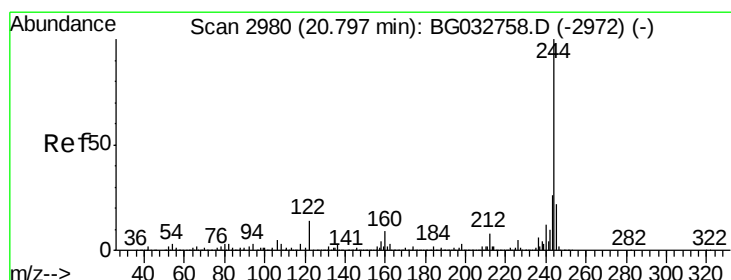
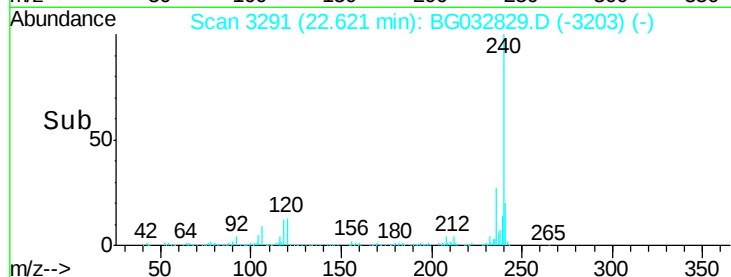
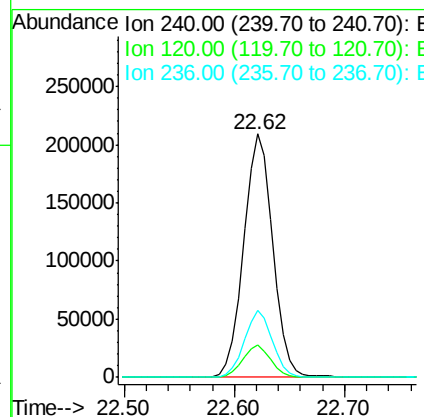
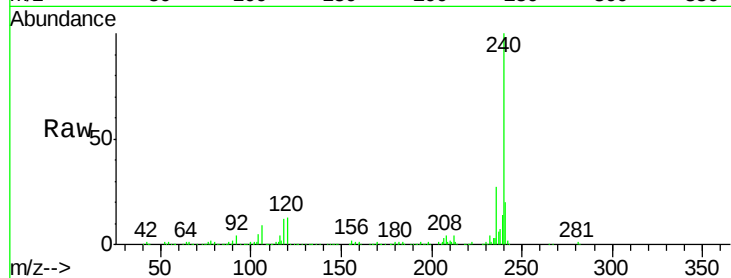




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 22.62 min Scan# 3291
 Delta R.T. -0.01 min
 Lab File: BG032829.D
 Acq: 26 Feb 2018 19:40

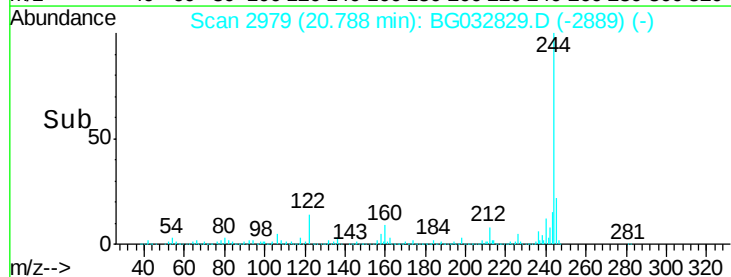
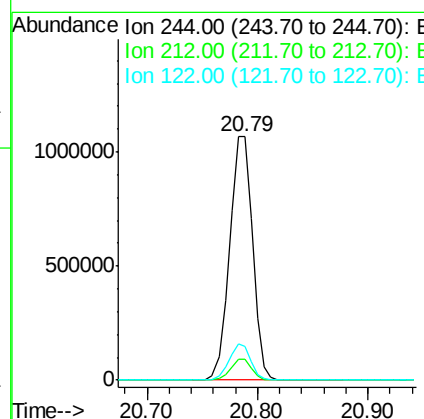
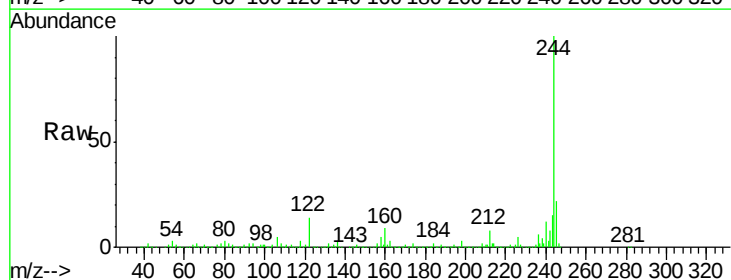
Instrument :
 BNA_G
 ClientSampleId :

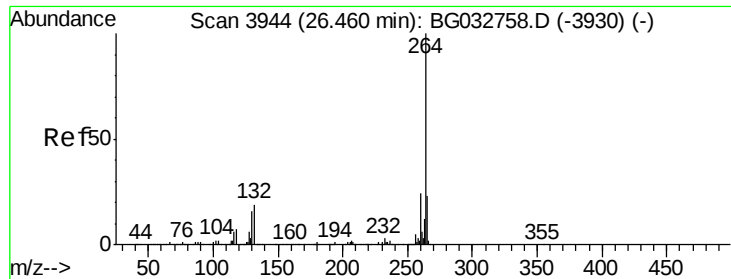
Tot Ion:240 Resp: 387809
 Ion Ratio Lower Upper
 240 100
 120 13.3 6.8 10.2#
 236 27.4 20.9 31.3



#78
 Terphenyl-d14
 Concen: 90.21 ng
 RT: 20.79 min Scan# 2979
 Delta R.T. 0.00 min
 Lab File: BG032829.D
 Acq: 26 Feb 2018 19:40

Tgt Ion:244 Resp: 1557104
 Ion Ratio Lower Upper
 244 100
 212 8.4 5.8 8.8
 122 13.7 7.0 10.4#

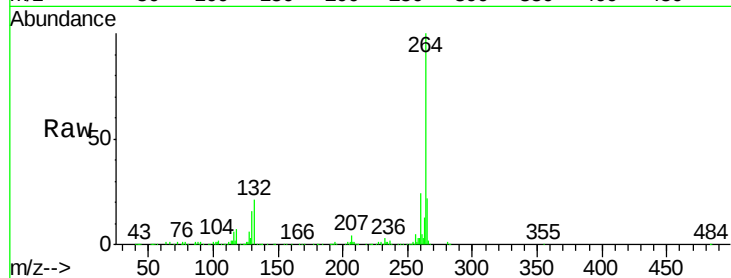




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 26.43 min Scan# 3940
 Delta R.T. -0.00 min
 Lab File: BG032829.D
 Acq: 26 Feb 2018 19:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	21.9	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

