

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110518\
 Data File : BG037829.D
 Acq On : 6 Nov 2018 8:19
 Operator : JU/SJ
 Sample : J5764-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 06 10:17:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

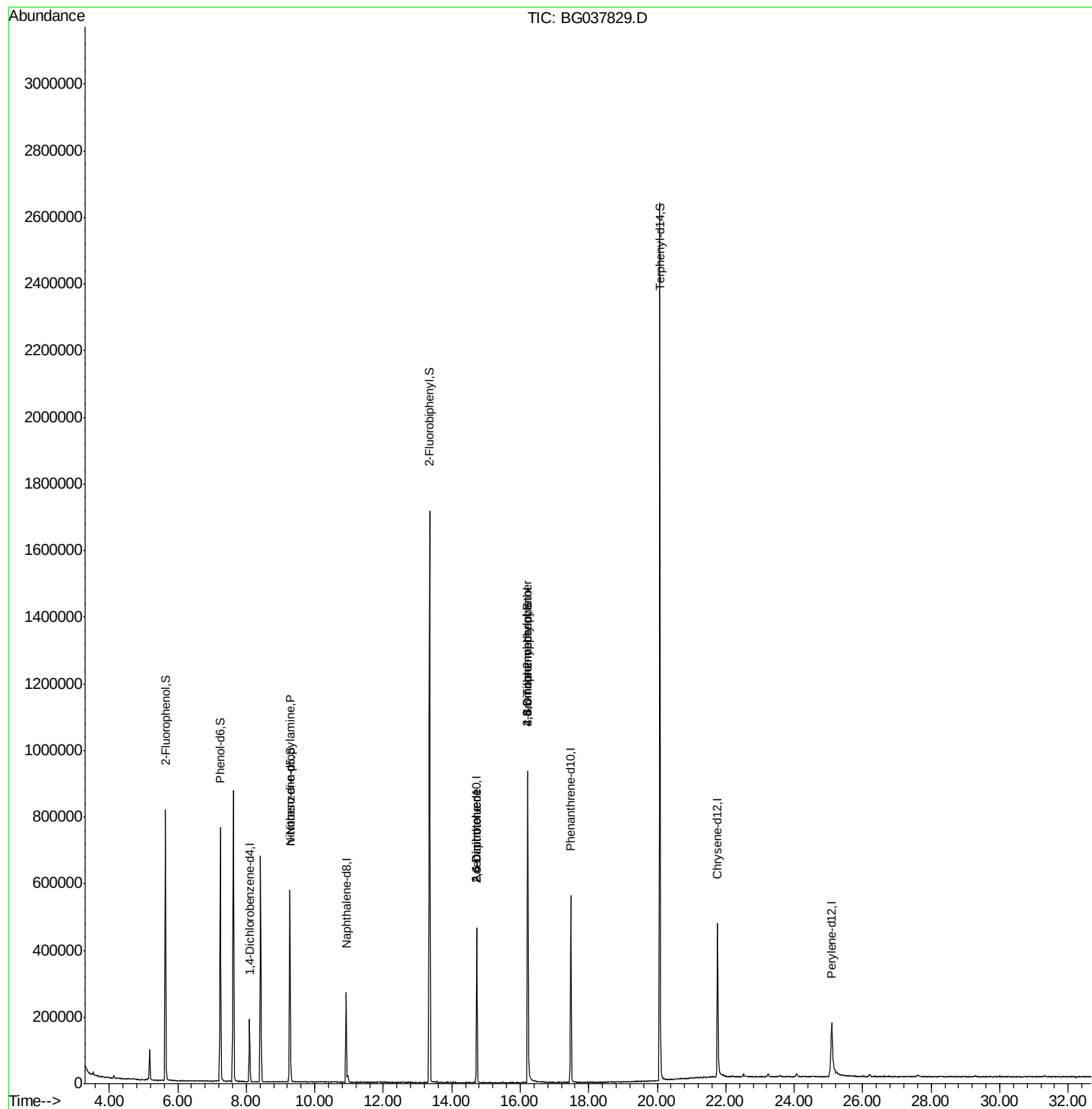
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	56716	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	248636	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	168258	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	366830	20.00	ng	0.00
76) Chrysene-d12	21.76	240	328385	20.00	ng	-0.02
87) Perylene-d12	25.09	264	253920	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	376342	110.94	ng	0.00
7) Phenol-d6	7.24	99	494543	96.41	ng	0.00
23) Nitrobenzene-d5	9.27	82	372364	83.90	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	193293	105.33	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	937745	84.04	ng	-0.02
79) Terphenyl-d14	20.07	244	1317769	85.75	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	45641	12.921	ng	# 71
51) 2,6-Dinitrotoluene	14.73	165	21478	7.459	ng	# 25
57) 2,4-Dinitrotoluene	14.73	165	21478	5.682	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	486	8.715	ng	# 65
67) 4-Bromophenyl-phenylether	16.22	248	13796	3.425	ng	# 1

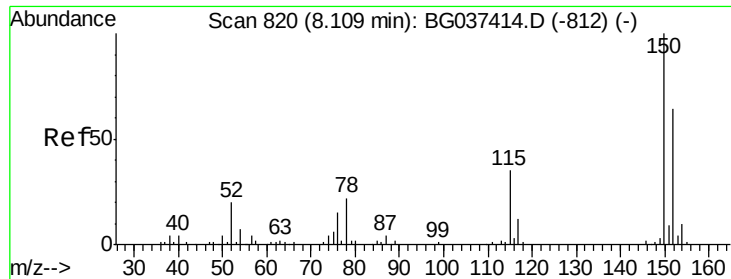
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 18 14:06:42 2018
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.10 min Scan# 819

Delta R.T. -0.01 min

Lab File: BG037829.D

Acq: 6 Nov 2018 8:19

Instrument :

BNA_G

ClientSampleId :

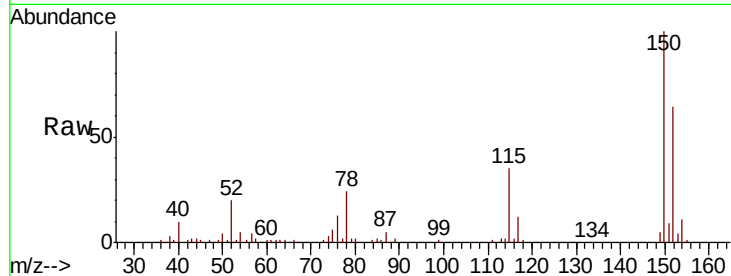
Tot Ion:152 Resp: 56716

Ion Ratio Lower Upper

152 100

150 155.2 126.0 189.0

115 54.9 45.5 68.3

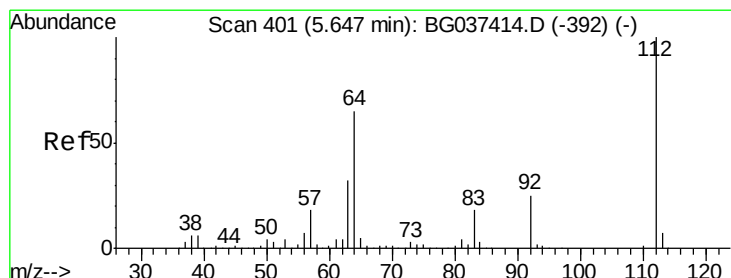
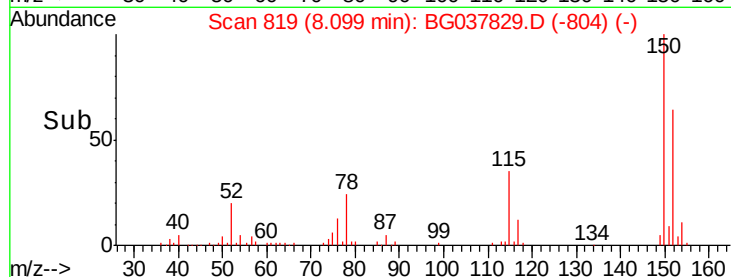
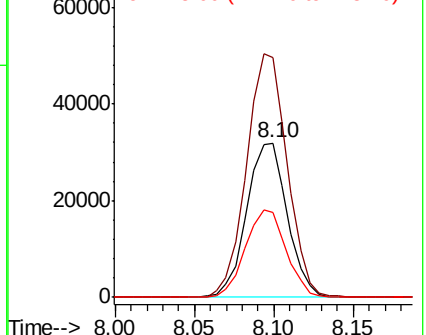


Abundance

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: 110.937 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG037829.D

Acq: 6 Nov 2018 8:19

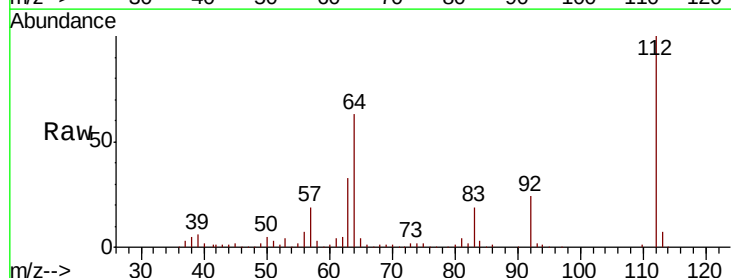
Tgt Ion:112 Resp: 376342

Ion Ratio Lower Upper

112 100

64 63.4 53.1 79.7

63 32.7 27.3 40.9

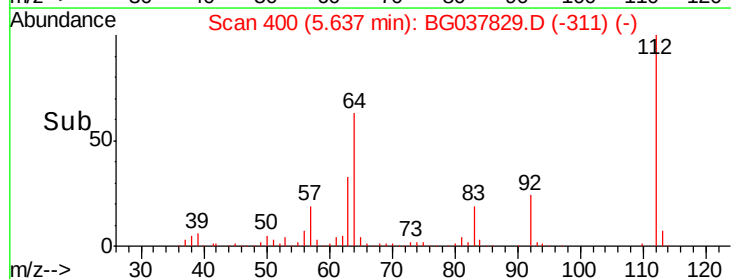
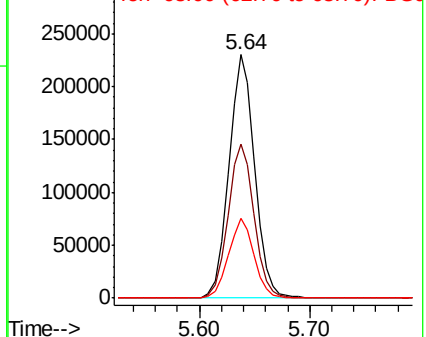


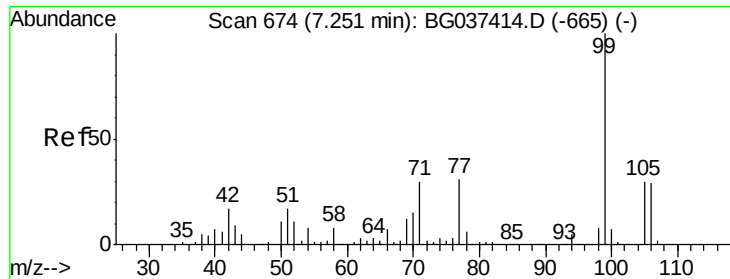
Abundance

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: 96.407 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037829.D

Acq: 6 Nov 2018 8:19

Instrument :

BNA_G

ClientSampleId :

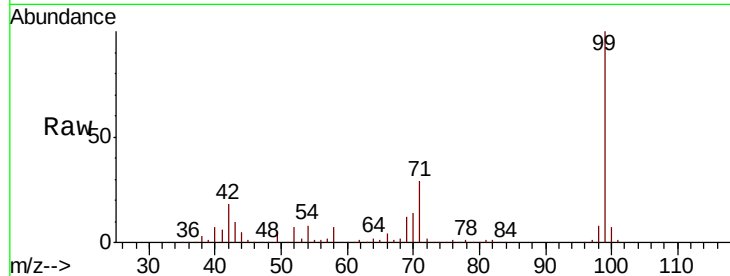
Tot Ion: 99 Resp: 494543

Ion Ratio Lower Upper

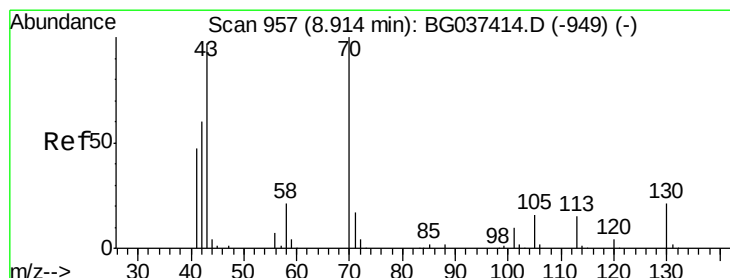
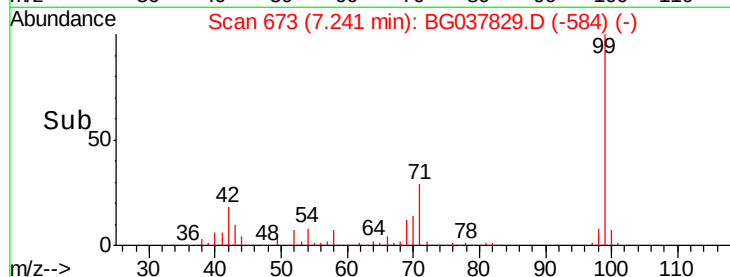
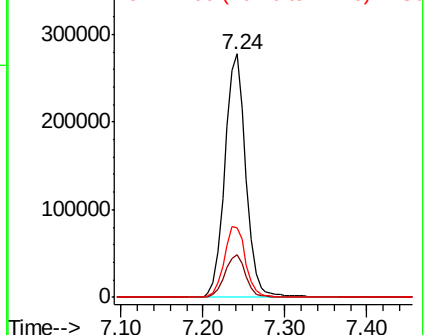
99 100

42 17.7 15.0 22.4

71 28.6 25.5 38.3



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: 12.921 ng

RT: 9.27 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037829.D

Acq: 6 Nov 2018 8:19

Tgt Ion: 70 Resp: 45641

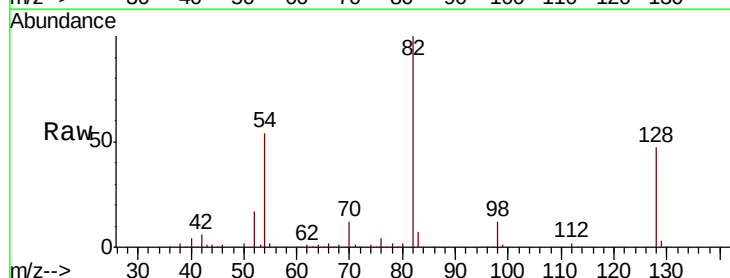
Ion Ratio Lower Upper

70 100

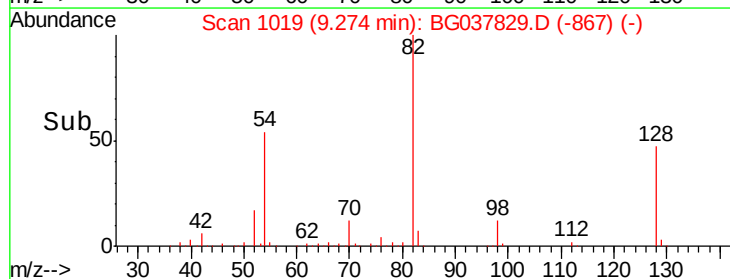
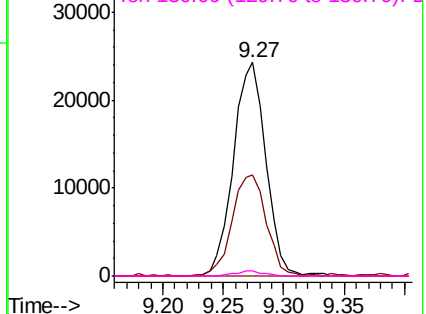
42 47.5 53.9 80.9#

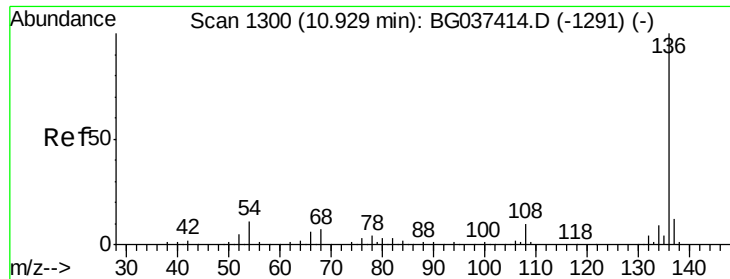
101 0.0 8.2 12.2#

130 2.2 18.2 27.4#



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

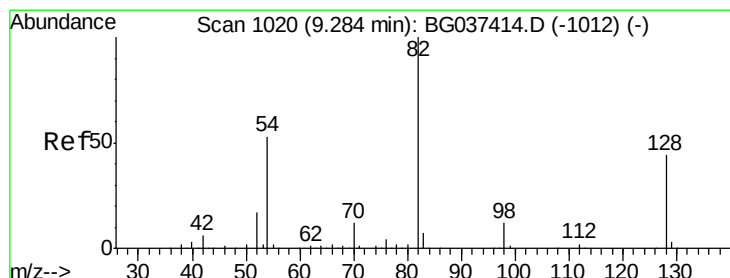
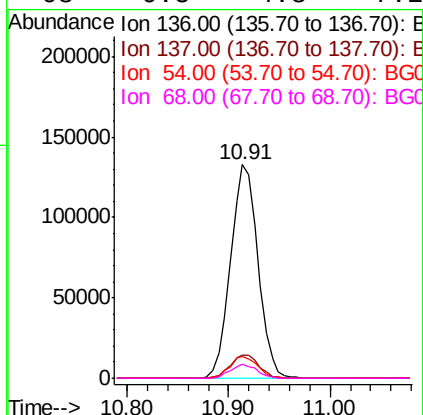
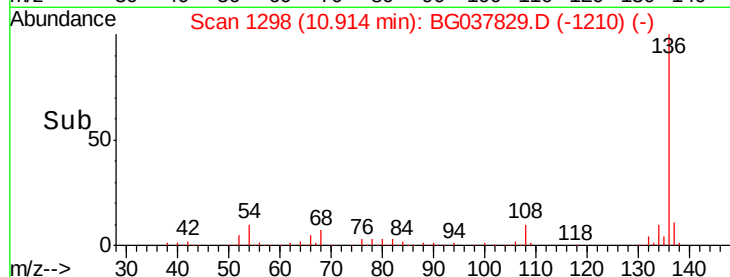
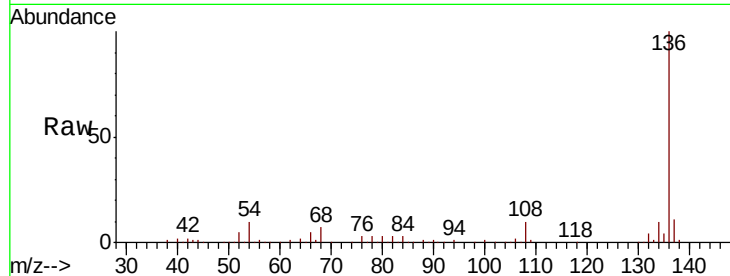




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BG037829.D
Acq: 6 Nov 2018 8:19

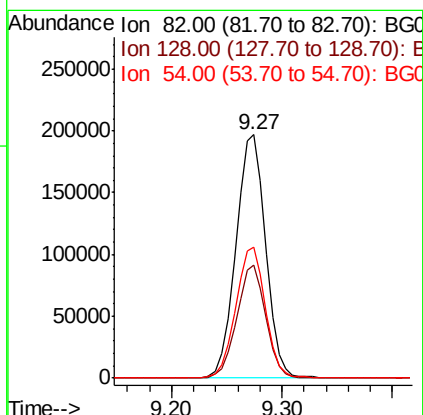
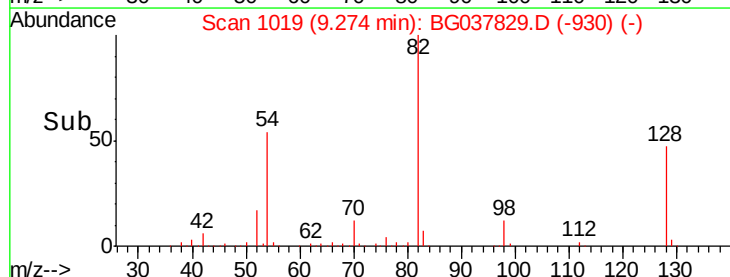
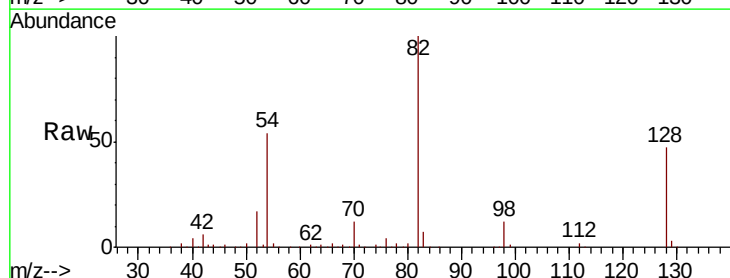
Instrument :
BNA_G
ClientSampleId :

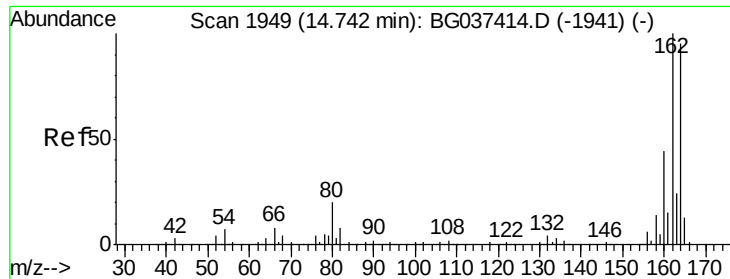
Tot Ion:	136	Resp:	248636
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.6	14.4
54	10.2	7.9	11.9
68	6.5	4.8	7.2



#23
Nitrobenzene-d5
Concen: 83.896 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037829.D
Acq: 6 Nov 2018 8:19

Tgt Ion:	82	Resp:	372364
Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.6	51.8
54	53.6	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.02 min

Lab File: BG037829.D

Acq: 6 Nov 2018 8:19

Instrument :

BNA_G

ClientSampleId :

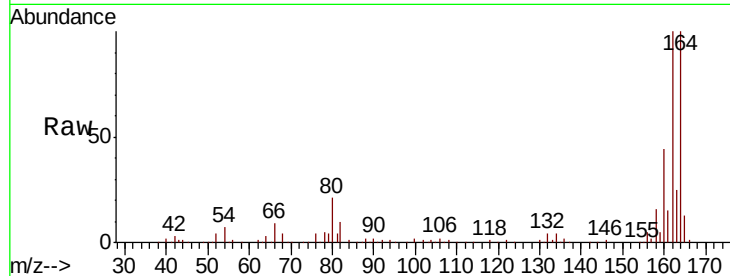
Tot Ion:164 Resp: 168258

Ion Ratio Lower Upper

164 100

162 100.2 81.3 121.9

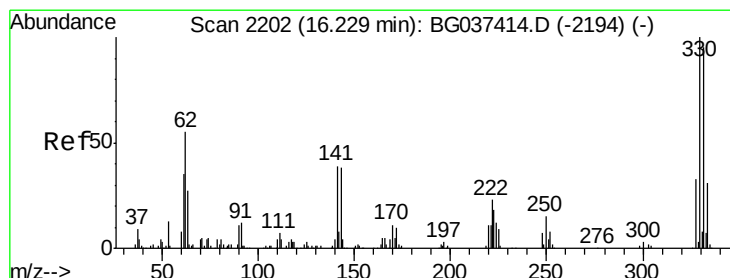
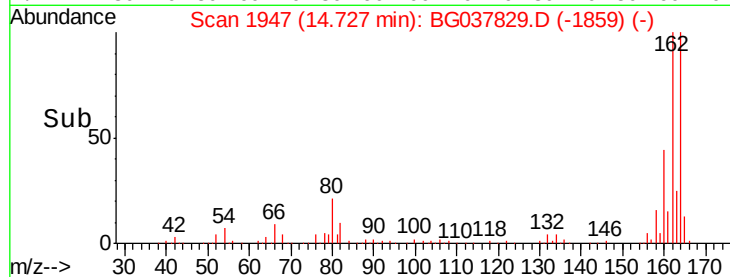
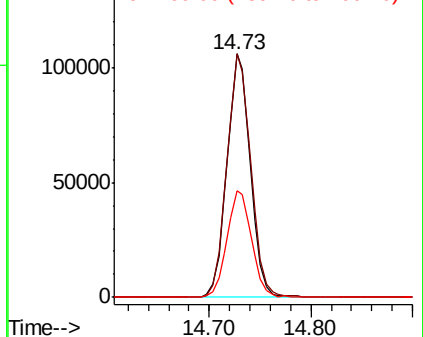
160 44.1 36.3 54.5



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



#42

2,4,6-Tribromophenol

Concen: 105.327 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037829.D

Acq: 6 Nov 2018 8:19

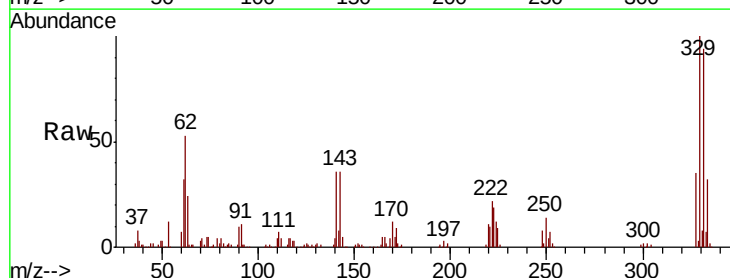
Tgt Ion:330 Resp: 193293

Ion Ratio Lower Upper

330 100

332 94.6 78.4 117.6

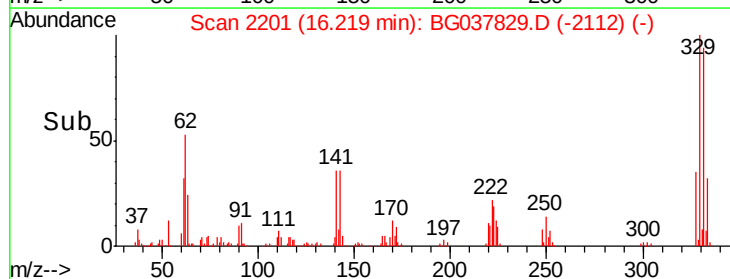
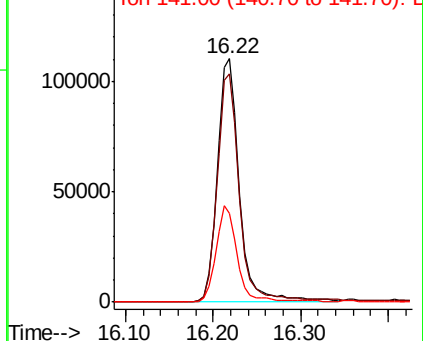
141 37.8 32.2 48.2

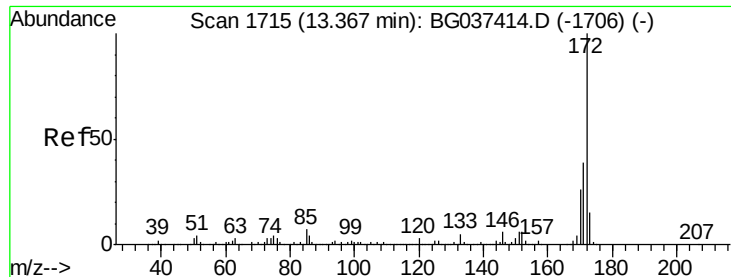


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

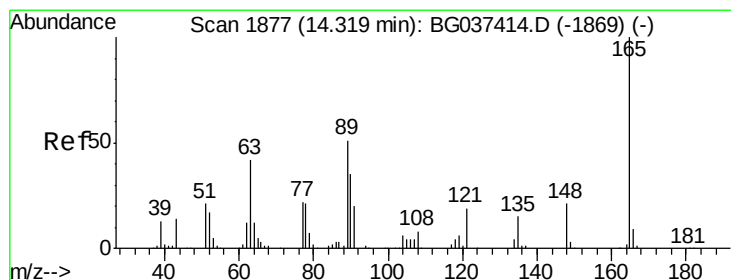
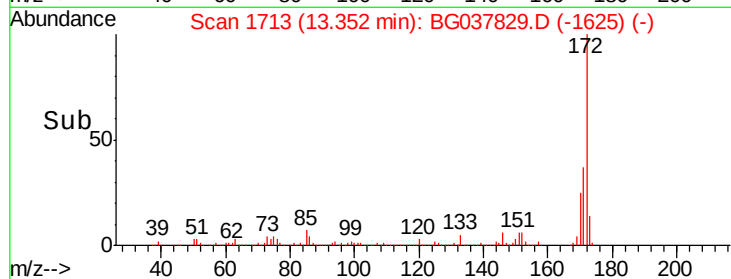
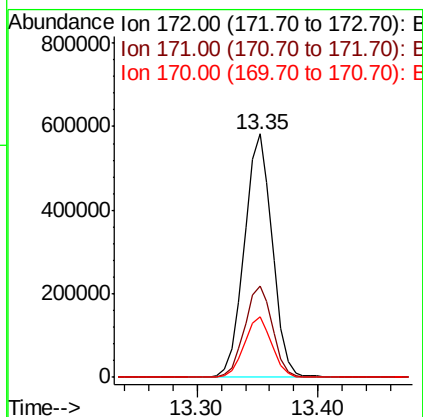
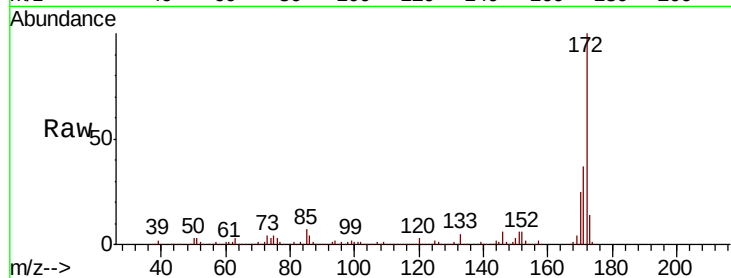




#45
2-Fluorobiphenyl
Concen: 84.042 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.02 min
Lab File: BG037829.D
Acq: 6 Nov 2018 8:19

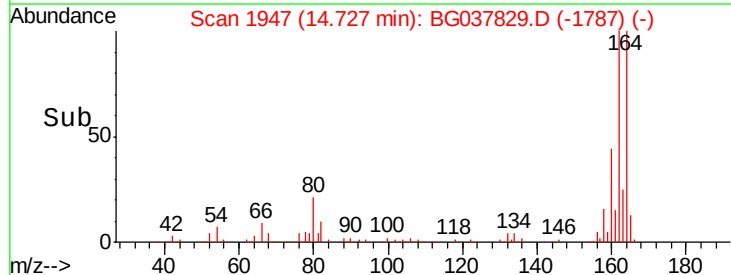
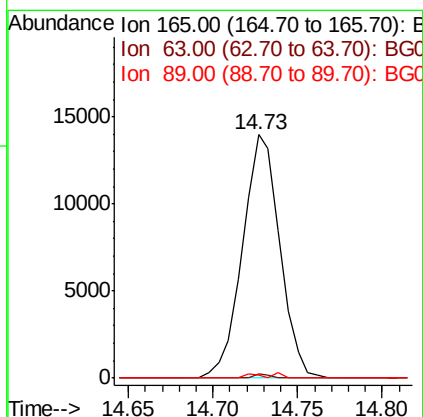
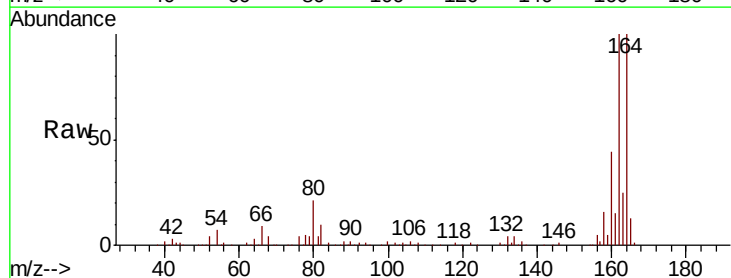
Instrument :
BNA_G
ClientSampleId :

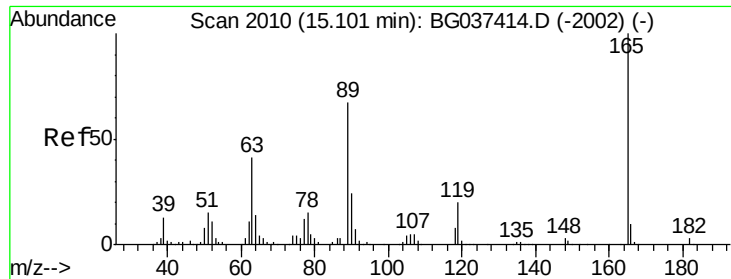
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	31.0	46.4
170	24.6	20.2	30.2



#51
2,6-Dinitrotoluene
Concen: 7.459 ng
RT: 14.73 min Scan# 1947
Delta R.T. 0.41 min
Lab File: BG037829.D
Acq: 6 Nov 2018 8:19

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	43.4	65.2#
89	1.3	45.8	68.6#

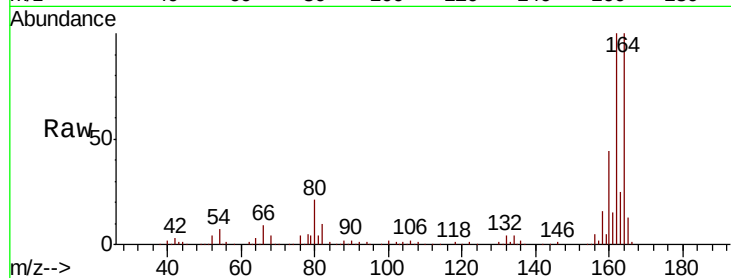




#57
 2,4-Dinitrotoluene
 Concen: 5.682 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.37 min
 Lab File: BG037829.D
 Acq: 6 Nov 2018 8:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	33.4	50.0#
89	1.3	57.2	85.8#
182	0.0	2.6	4.0#



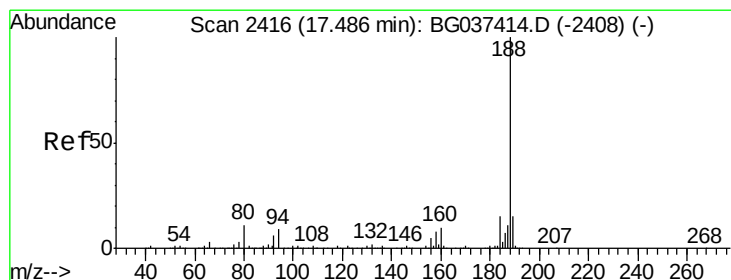
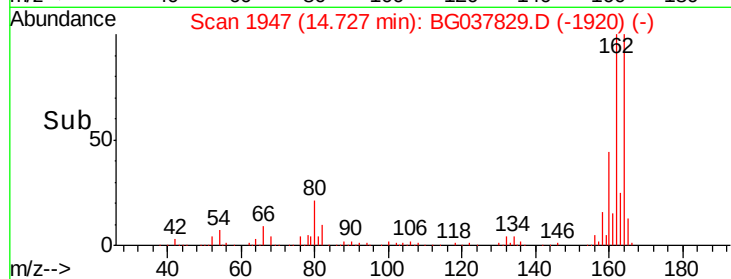
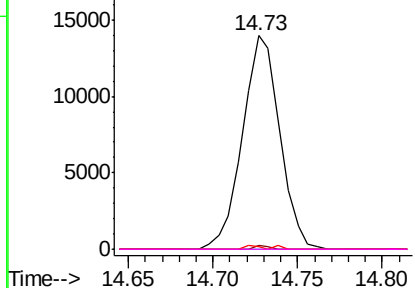
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

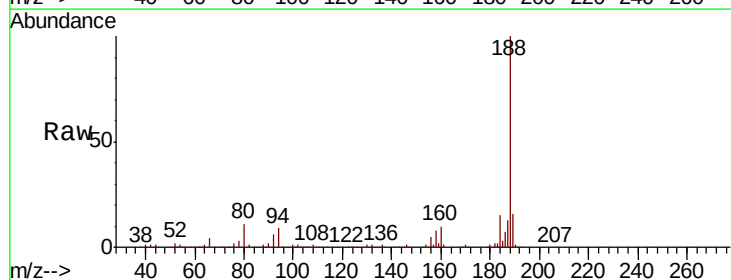
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037829.D
 Acq: 6 Nov 2018 8:19

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	10.9	7.7	11.5

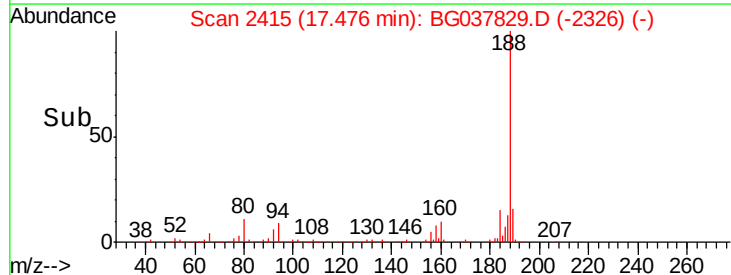
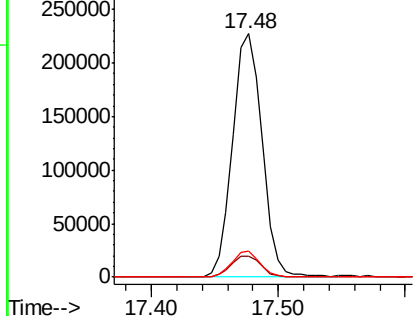


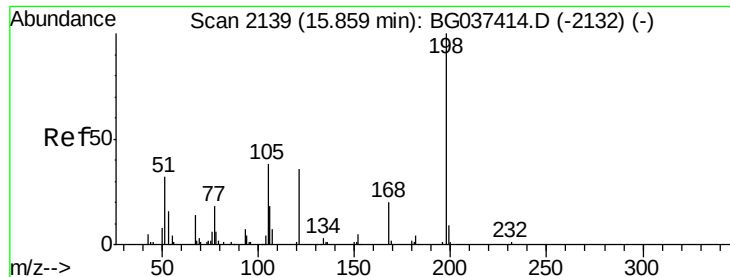
Abundance

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

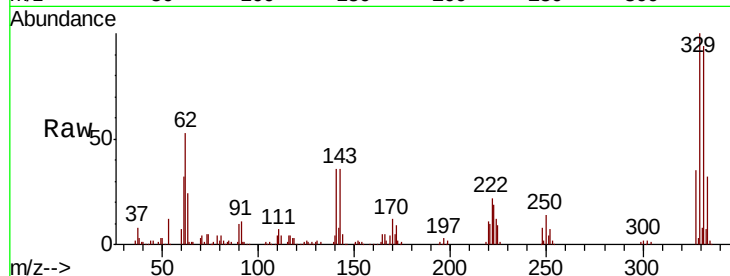




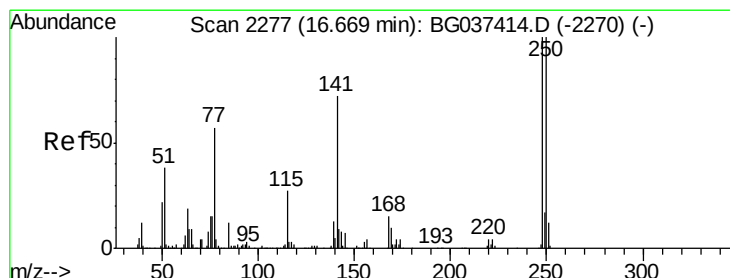
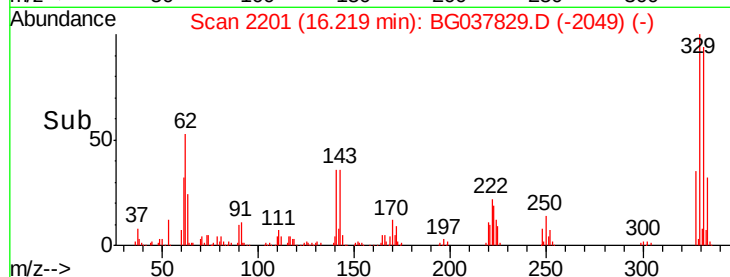
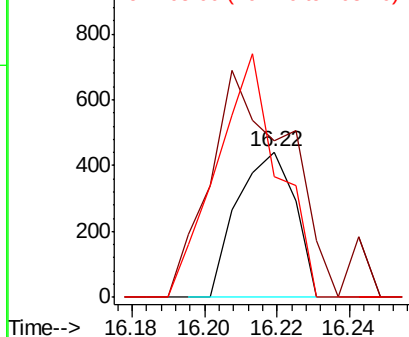
#65
4,6-Dinitro-2-methylphenol
Concen: 8.715 ng
RT: 16.22 min Scan# 2201
Delta R.T. 0.36 min
Lab File: BG037829.D
Acq: 6 Nov 2018 8:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 486
Ion Ratio Lower Upper
198 100
51 22.0 22.7 62.7#
105 16.9 19.7 59.7#

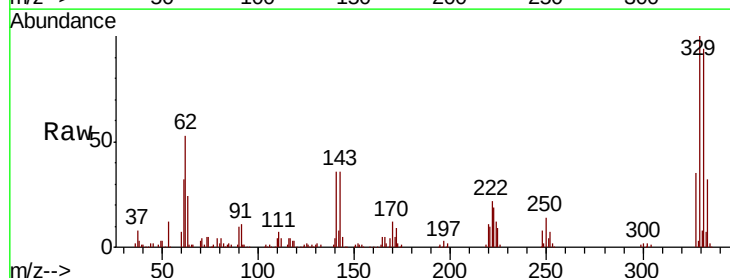


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG0
Ion 105.00 (104.70 to 105.70): E

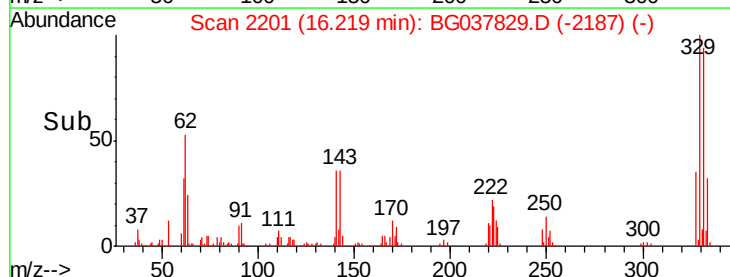
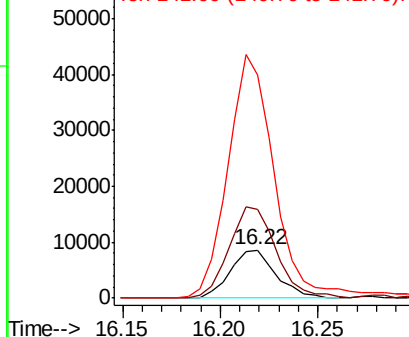


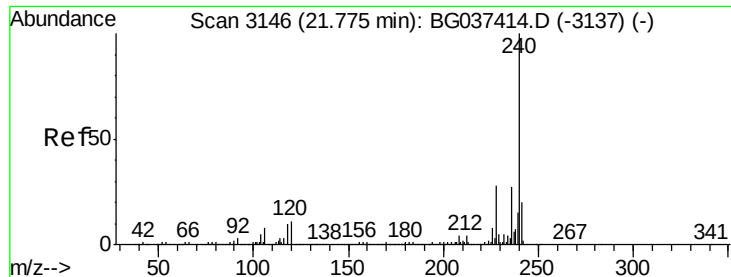
#67
4-Bromophenyl-phenylether
Concen: 3.425 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.45 min
Lab File: BG037829.D
Acq: 6 Nov 2018 8:19

Tgt Ion:248 Resp: 13796
Ion Ratio Lower Upper
248 100
250 189.3 77.0 115.6#
141 362.3 55.5 83.3#



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

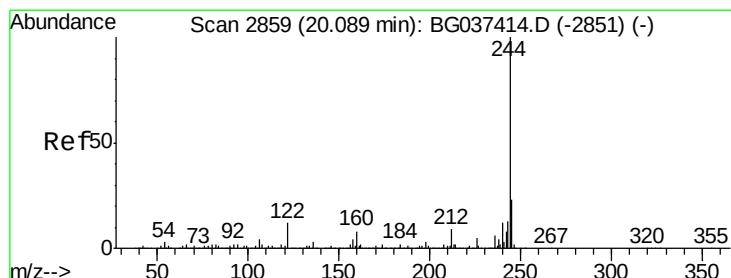
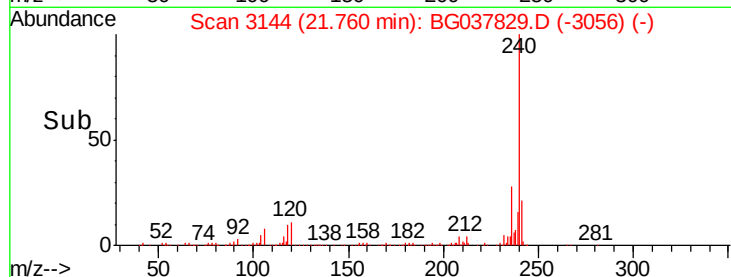
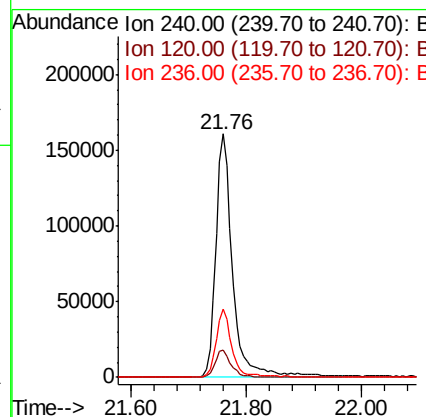
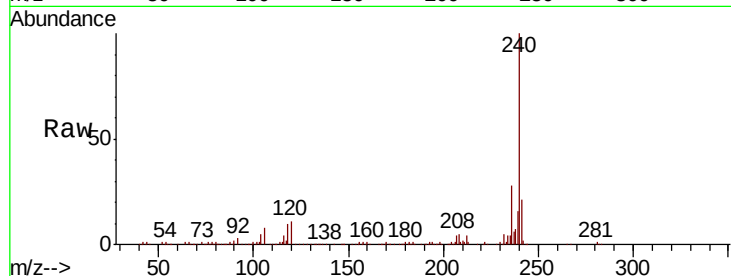




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG037829.D
Acq: 6 Nov 2018 8:19

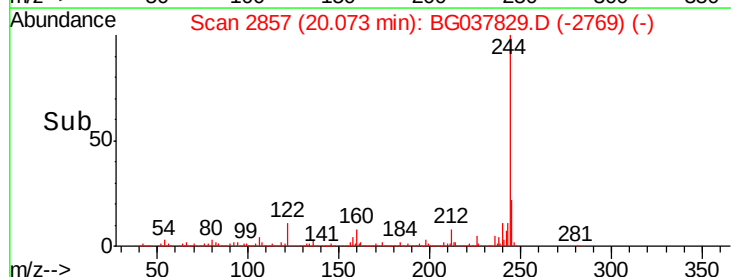
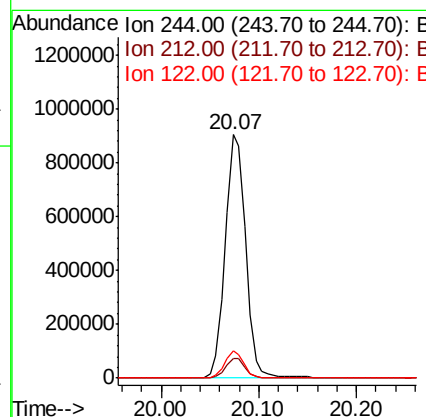
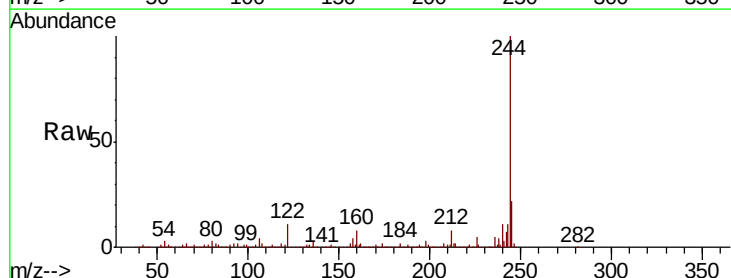
Instrument :
BNA_G
ClientSampleId :

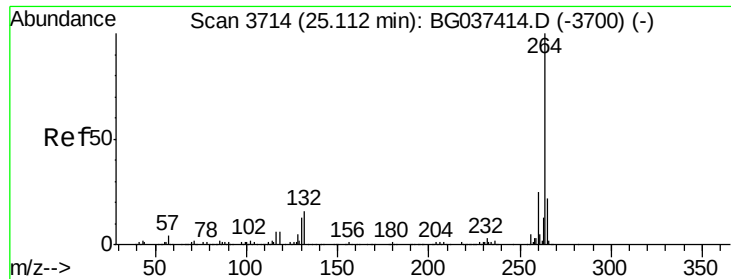
Tot Ion:240 Resp: 328385
Ion Ratio Lower Upper
240 100
120 11.1 8.1 12.1
236 28.1 21.4 32.0



#79
Terphenyl-d14
Concen: 85.746 ng
RT: 20.07 min Scan# 2857
Delta R.T. -0.02 min
Lab File: BG037829.D
Acq: 6 Nov 2018 8:19

Tgt Ion:244 Resp: 1317769
Ion Ratio Lower Upper
244 100
212 8.2 6.5 9.7
122 11.3 9.0 13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG037829.D
Acq: 6 Nov 2018 8:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.4
265	20.2	17.9	26.9

