

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110718\
 Data File : BG037875.D
 Acq On : 7 Nov 2018 21:57
 Operator : JU/SJ
 Sample : PB114524BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 08 09:02:00 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

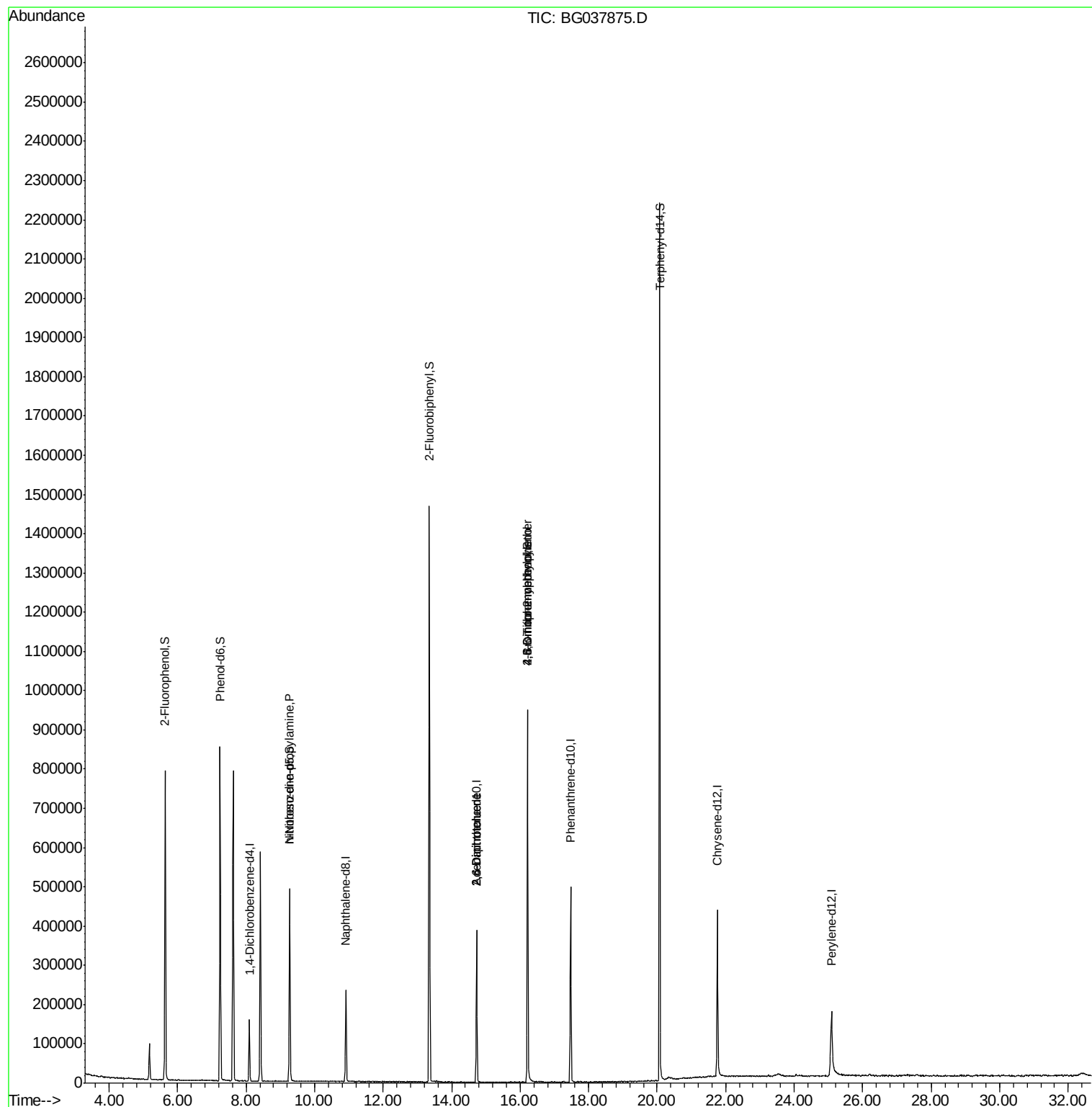
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	47888	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	215805	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	141349	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	316431	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	285465	20.00	ng	-0.02
87) Perylene-d12	25.09	264	245404	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	364547	127.27	ng	-0.01
7) Phenol-d6	7.24	99	535907	123.73	ng	-0.01
23) Nitrobenzene-d5	9.27	82	318728	82.74	ng	-0.02
42) 2,4,6-Tribromophenol	16.22	330	185217	120.14	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	810471	86.46	ng	-0.02
79) Terphenyl-d14	20.08	244	1140080	85.34	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	40806	13.68	ng	# 72
51) 2,6-Dinitrotoluene	14.72	165	18428	7.62	ng	# 24
57) 2,4-Dinitrotoluene	14.72	165	18428	5.80	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.22	198	653	8.83	ng	82
67) 4-Bromophenyl-phenylether	16.22	248	13429	3.86	ng	# 1

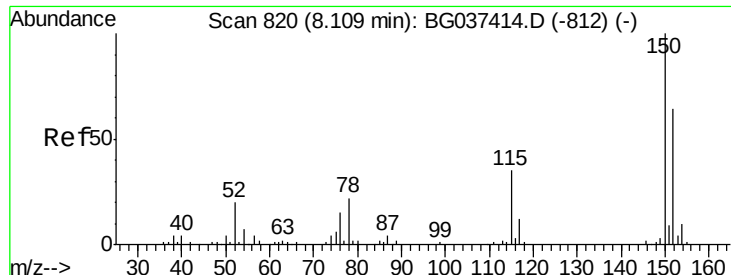
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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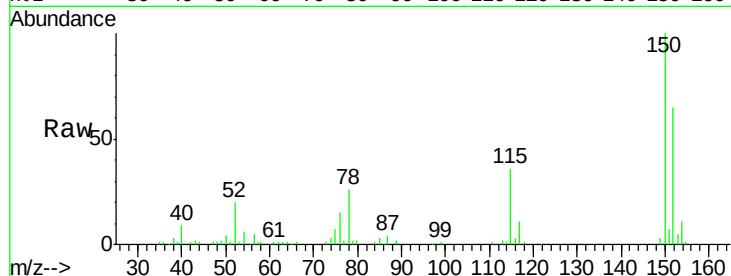


#1

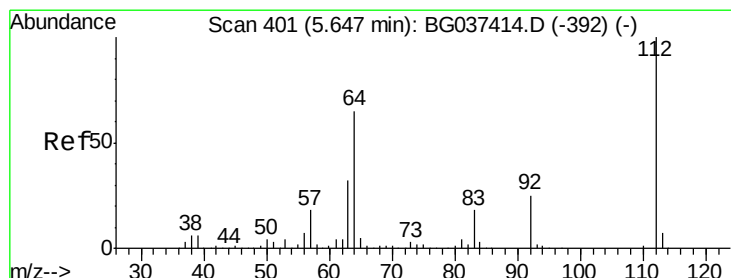
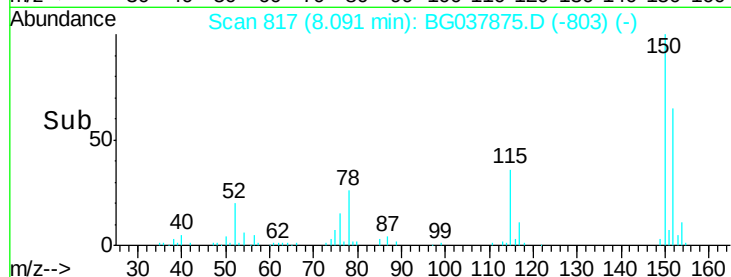
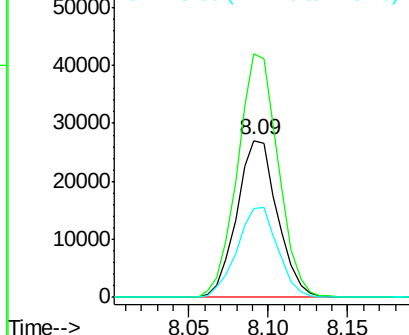
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG037875.D
Acq: 7 Nov 2018 21:57

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 47888
Ion Ratio Lower Upper
152 100
150 155.0 126.0 189.0
115 56.4 45.5 68.3



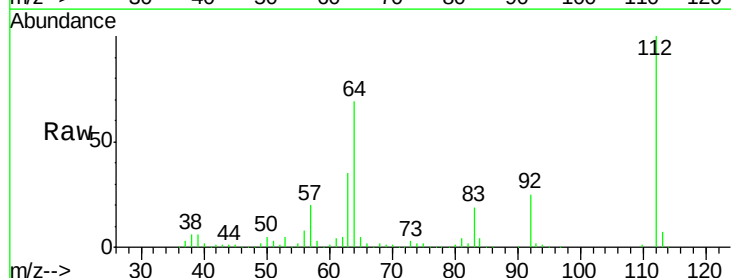
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



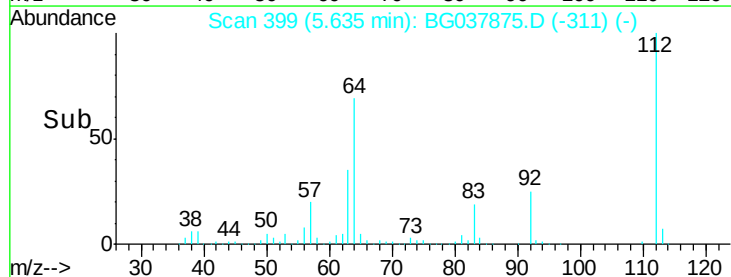
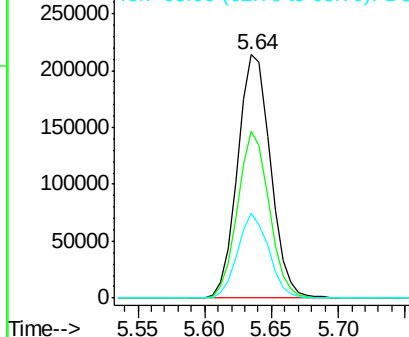
#5

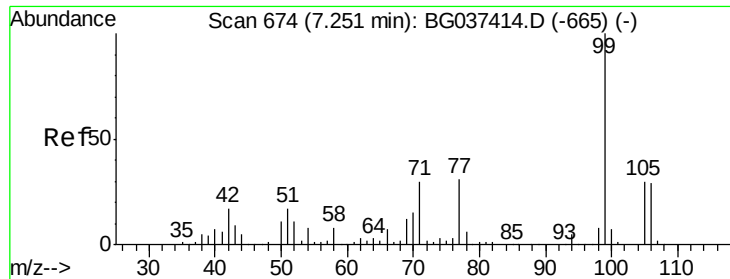
2-Fluorophenol
Concen: 127.27 ng
RT: 5.64 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037875.D
Acq: 7 Nov 2018 21:57

Tgt Ion:112 Resp: 364547
Ion Ratio Lower Upper
112 100
64 68.7 53.1 79.7
63 34.8 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: 123.73 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037875.D

Acq: 7 Nov 2018 21:57

Instrument :

BNA_G

ClientSampleId :

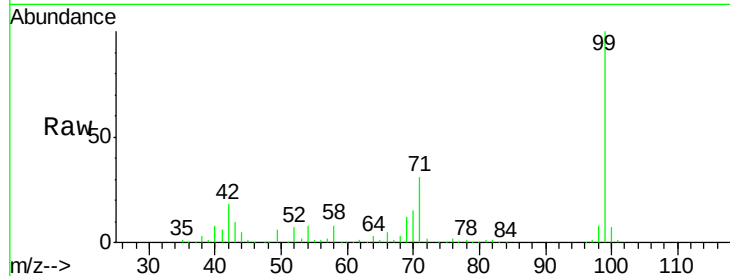
Tot Ion: 99 Resp: 535907

Ion Ratio Lower Upper

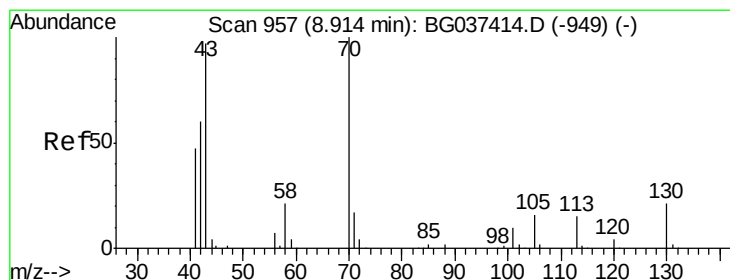
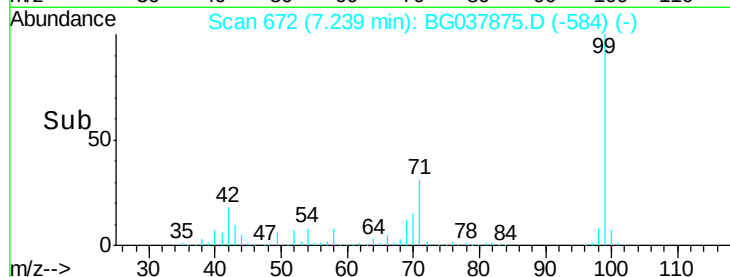
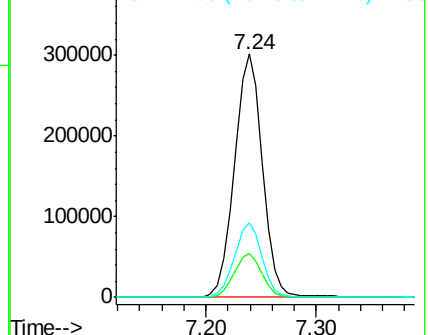
99 100

42 17.8 15.0 22.4

71 30.8 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: 13.68 ng

RT: 9.27 min Scan# 1018

Delta R.T. 0.36 min

Lab File: BG037875.D

Acq: 7 Nov 2018 21:57

Tgt Ion: 70 Resp: 40806

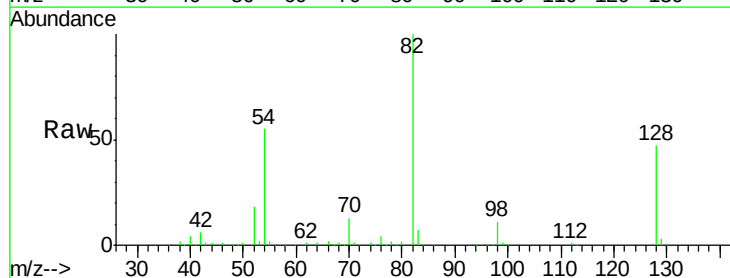
Ion Ratio Lower Upper

70 100

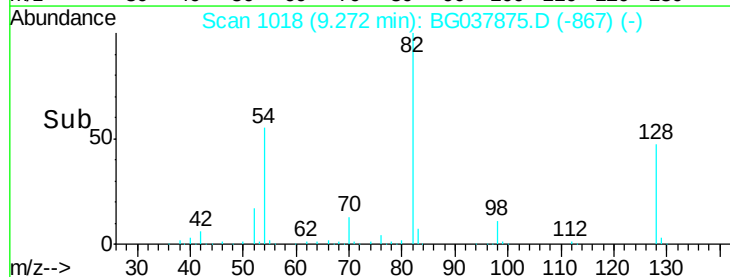
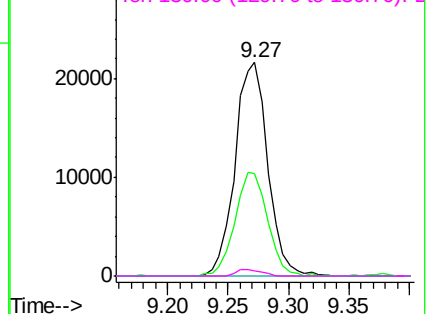
42 48.2 53.9 80.9#

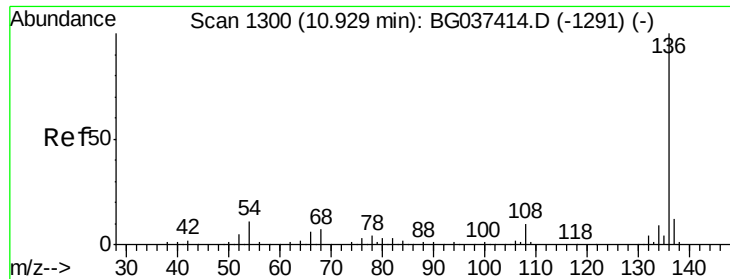
101 0.0 8.2 12.2#

130 2.3 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

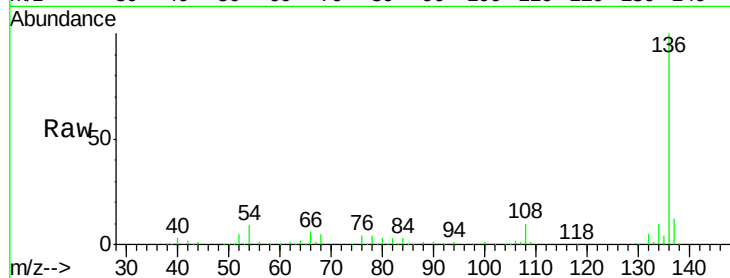




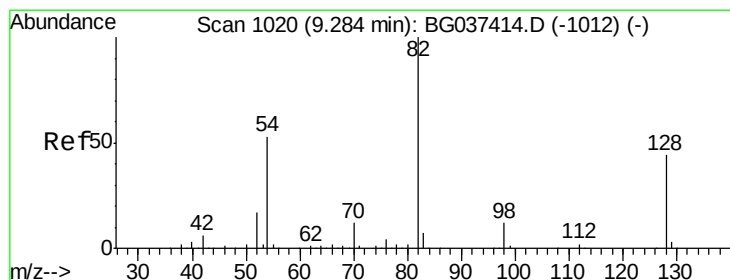
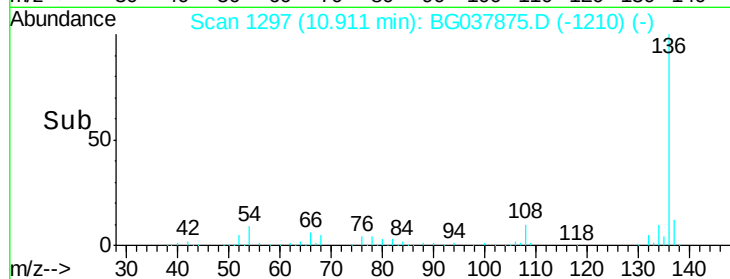
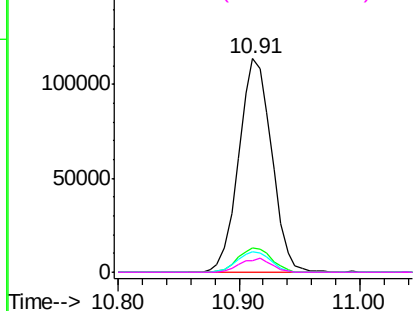
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG037875.D
Acq: 7 Nov 2018 21:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	215805
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.6 14.4
54	9.4	7.9 11.9
68	5.5	4.8 7.2

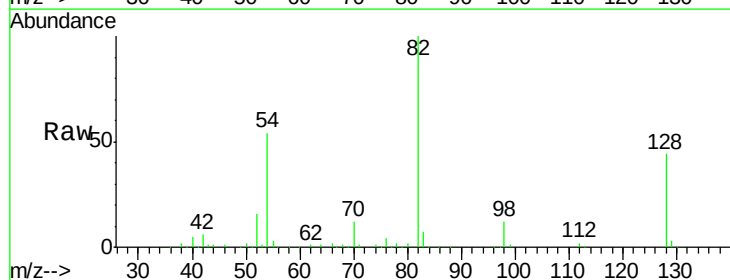


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

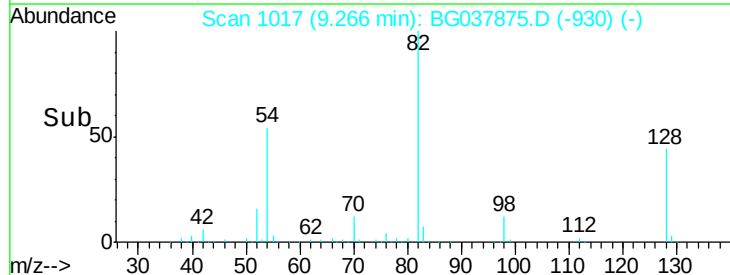
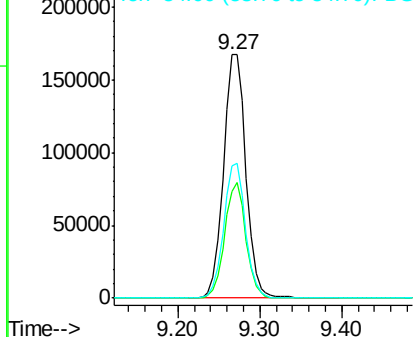


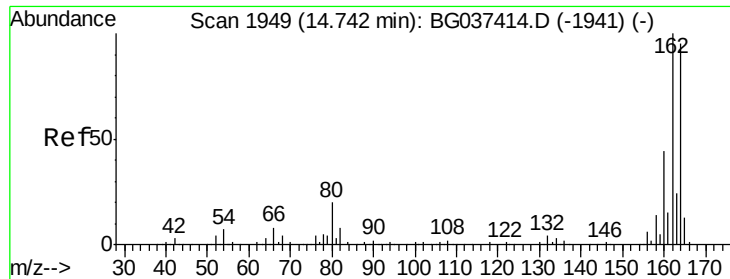
#23
Nitrobenzene-d5
Concen: 82.74 ng
RT: 9.27 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BG037875.D
Acq: 7 Nov 2018 21:57

Tgt Ion: 82	Resp:	318728
Ion Ratio	Lower	Upper
82	100	
128	44.0	34.6 51.8
54	54.3	45.3 67.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BG037875.D

Acq: 7 Nov 2018 21:57

Instrument :

BNA_G

ClientSampleId :

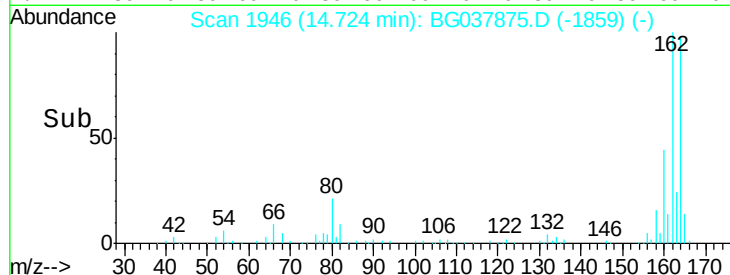
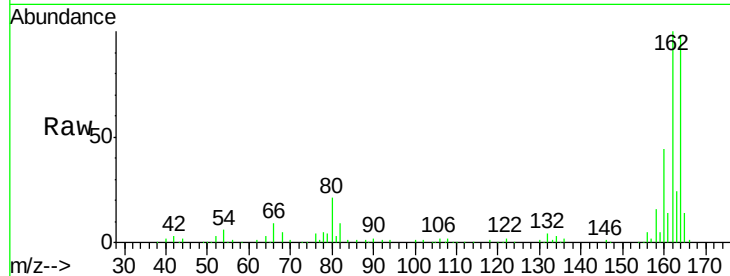
Tot Ion:164 Resp: 141349

Ion Ratio Lower Upper

164 100

162 102.0 81.3 121.9

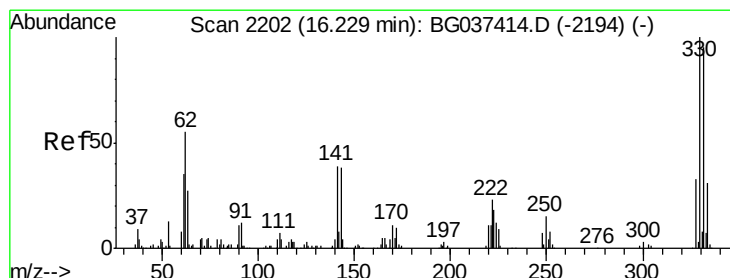
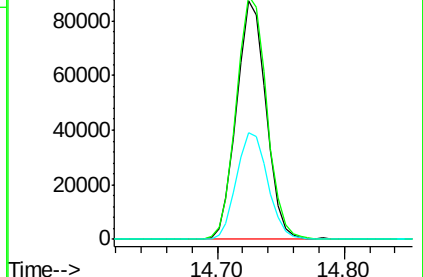
160 44.6 36.3 54.5



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: 120.14 ng

RT: 16.22 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037875.D

Acq: 7 Nov 2018 21:57

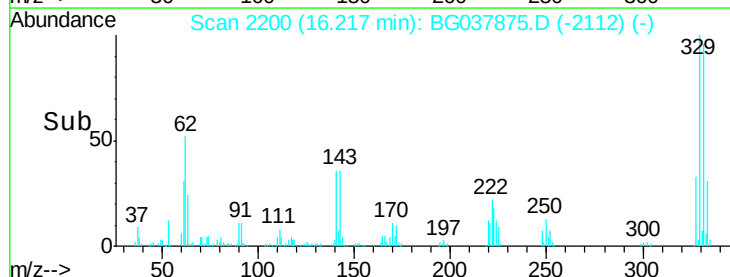
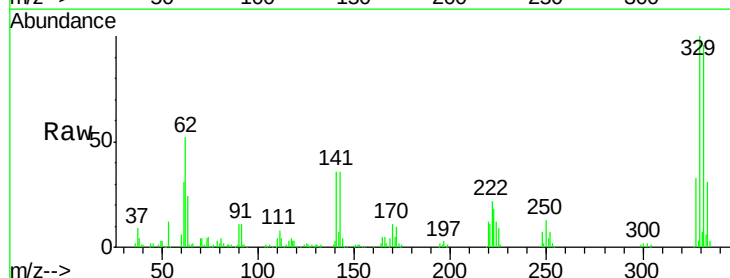
Tgt Ion:330 Resp: 185217

Ion Ratio Lower Upper

330 100

332 95.6 78.4 117.6

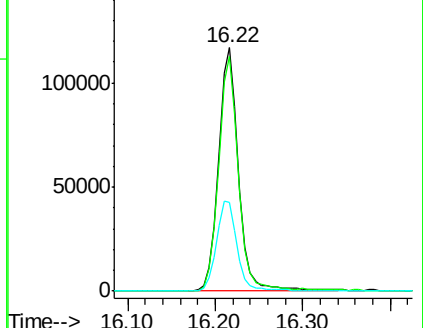
141 38.5 32.2 48.2

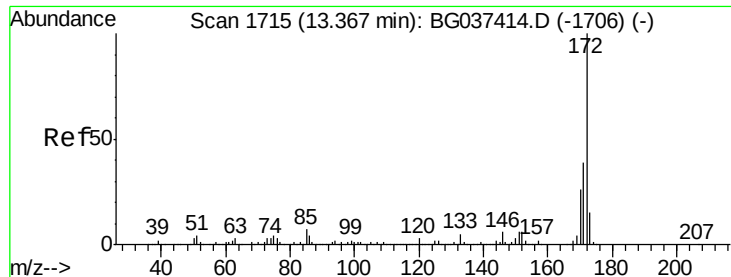


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

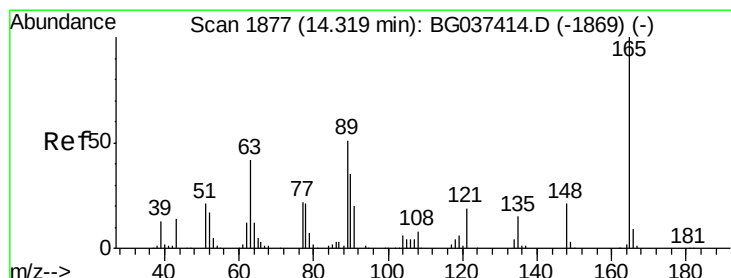
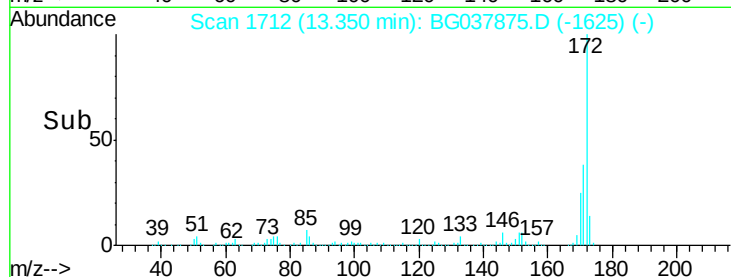
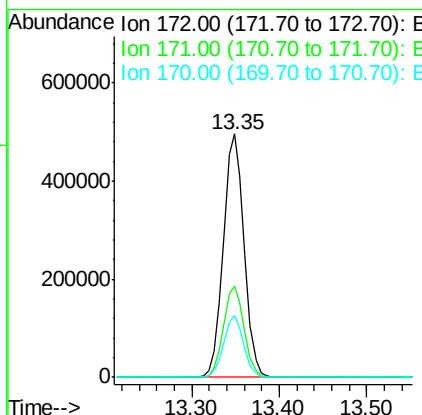
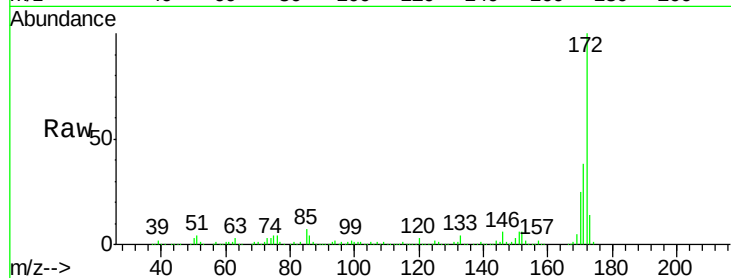




#45
 2-Fluorobiphenyl
 Concen: 86.46 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037875.D
 Acq: 7 Nov 2018 21:57

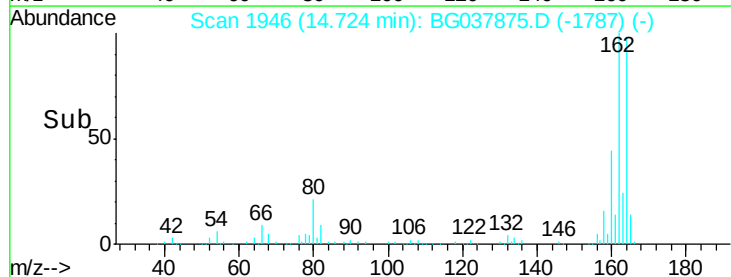
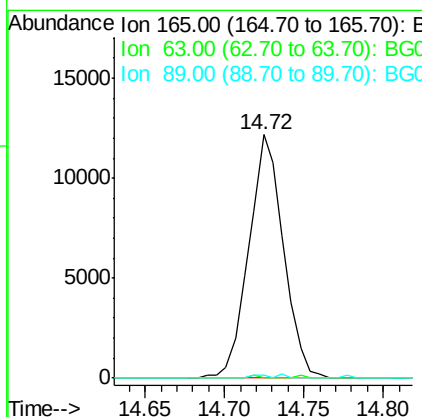
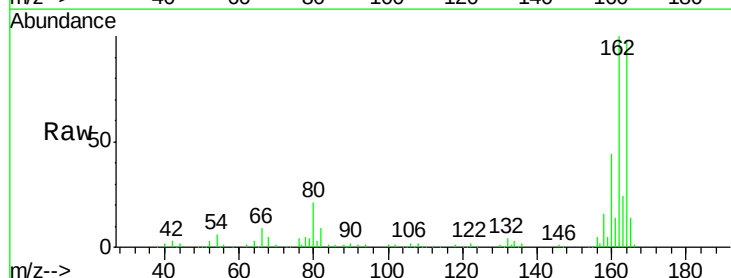
Instrument :
 BNA_G
 ClientSampleId :

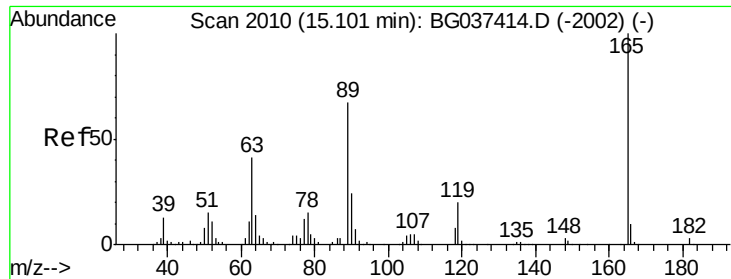
Tot Ion:172 Resp: 810471
 Ion Ratio Lower Upper
 172 100
 171 37.6 31.0 46.4
 170 25.4 20.2 30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.62 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.41 min
 Lab File: BG037875.D
 Acq: 7 Nov 2018 21:57

Tgt Ion:165 Resp: 18428
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.4 65.2#
 89 1.4 45.8 68.6#

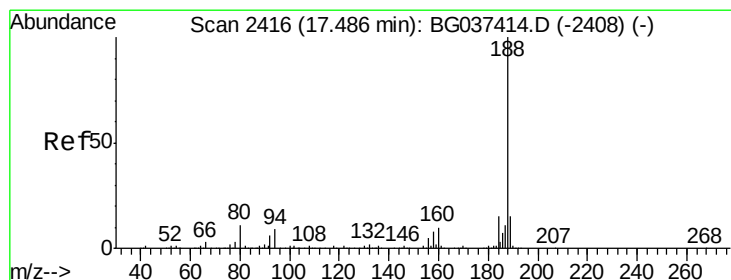
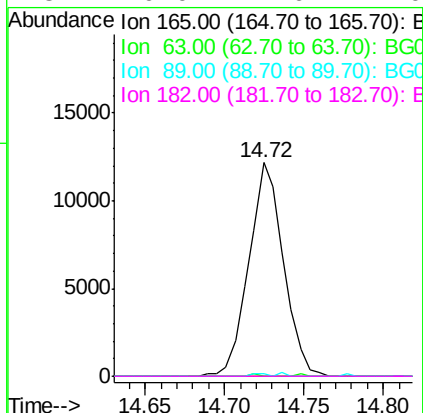
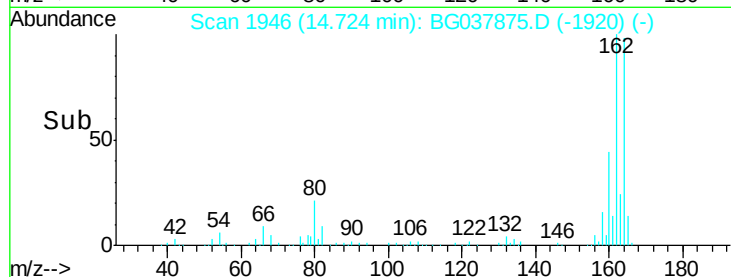
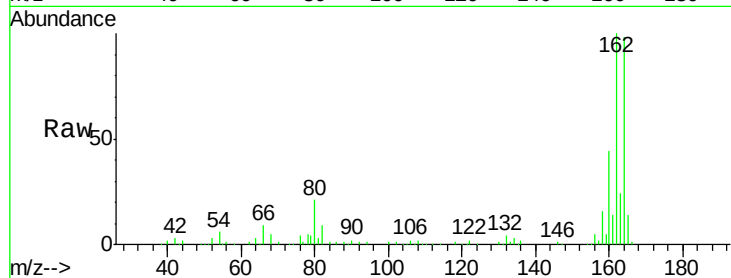




#57
 2,4-Dinitrotoluene
 Concen: 5.80 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.38 min
 Lab File: BG037875.D
 Acq: 7 Nov 2018 21:57

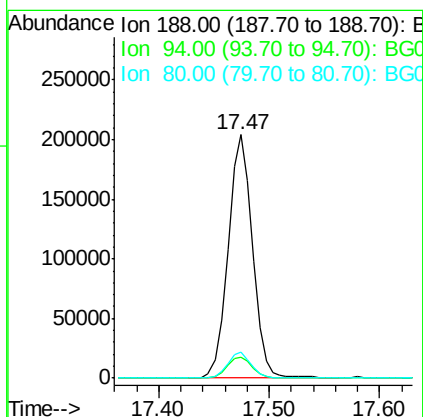
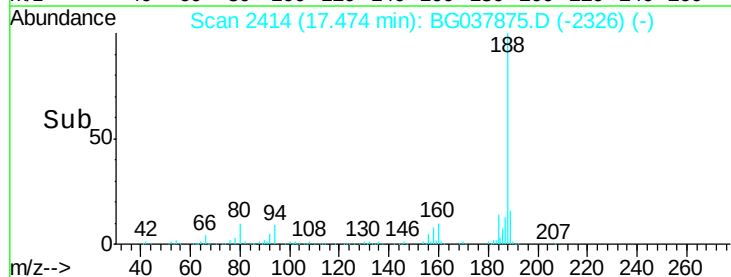
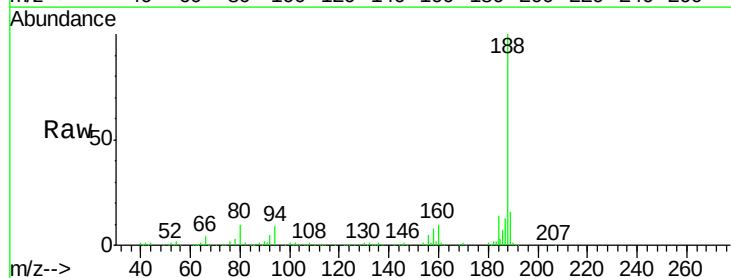
Instrument :
 BNA_G
 ClientSampleId :

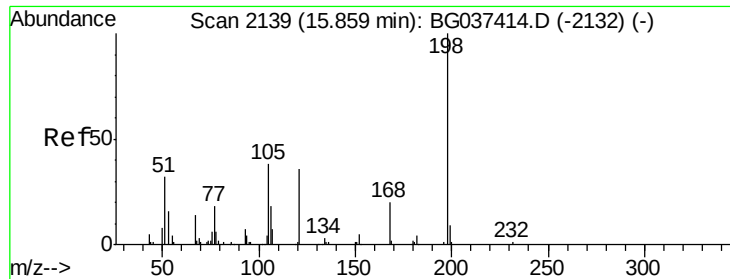
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	1.4	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BG037875.D
 Acq: 7 Nov 2018 21:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	10.4	7.7	11.5

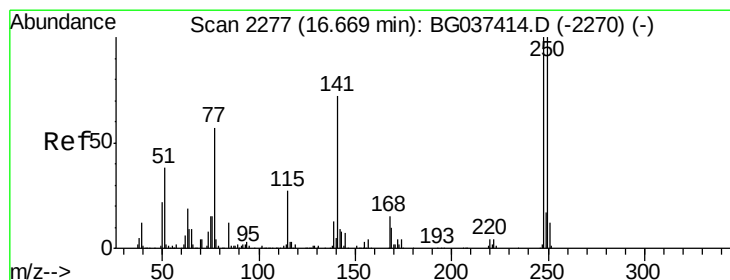
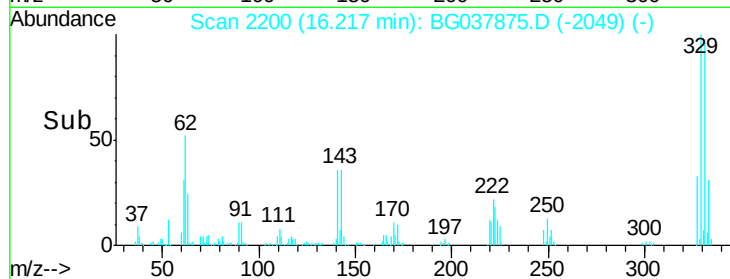
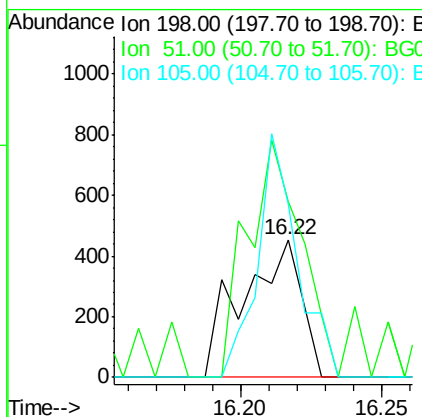
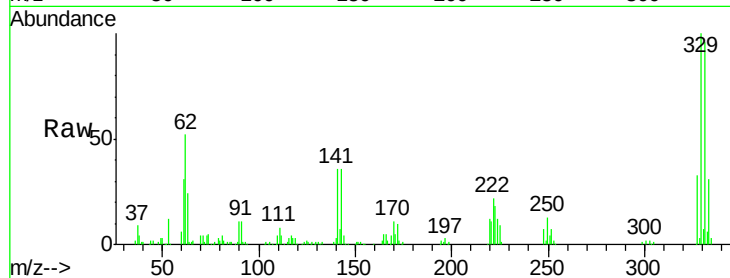




#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.83 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. 0.36 min
 Lab File: BG037875.D
 Acq: 7 Nov 2018 21:57

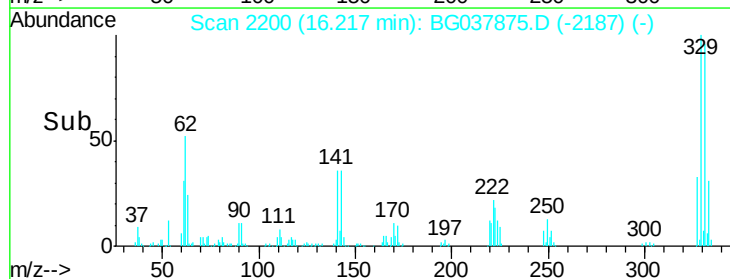
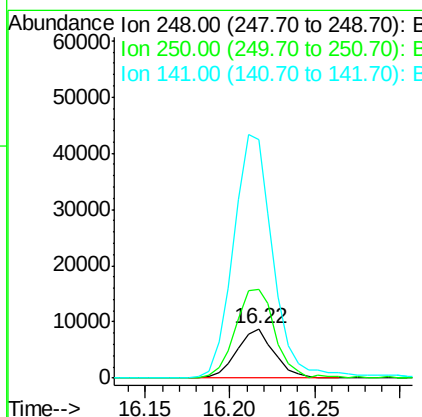
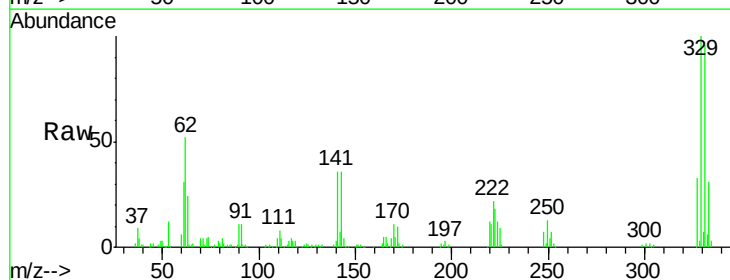
Instrument :
 BNA_G
 ClientSampled :

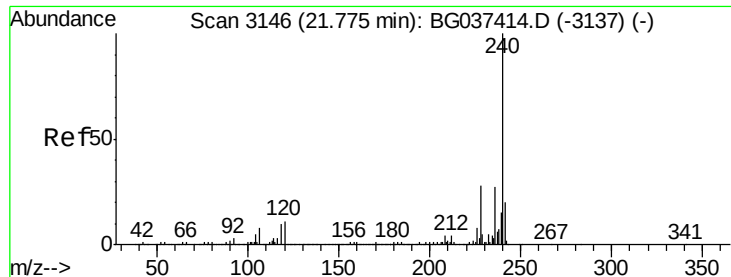
Tot Ion:198 Resp: 653
 Ion Ratio Lower Upper
 198 100
 51 30.3 22.7 62.7
 105 29.8 19.7 59.7



#67
 4-Bromophenyl-phenylether
 Concen: 3.86 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. -0.45 min
 Lab File: BG037875.D
 Acq: 7 Nov 2018 21:57

Tgt Ion:248 Resp: 13429
 Ion Ratio Lower Upper
 248 100
 250 180.7 77.0 115.6#
 141 378.6 55.5 83.3#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG037875.D

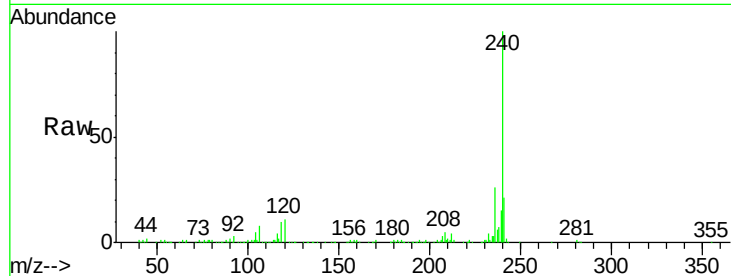
Acq: 7 Nov 2018 21:57

Instrument :

BNA_G

ClientSampleId :

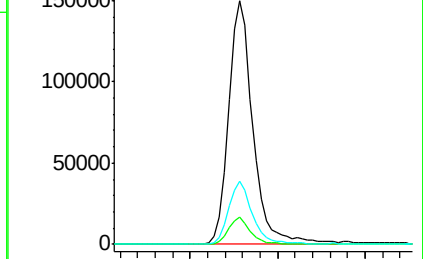
Tot Ion:240	Resp:	285465
Ion Ratio	Lower	Upper
240	100	
120	11.5	8.1 12.1
236	25.9	21.4 32.0



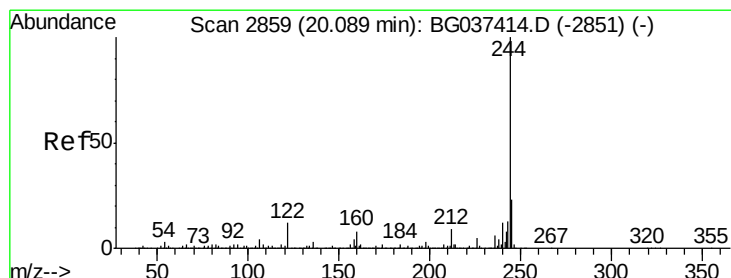
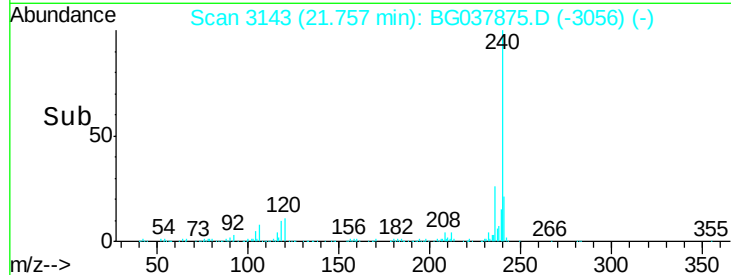
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#79

Terphenyl-d14

Concen: 85.34 ng

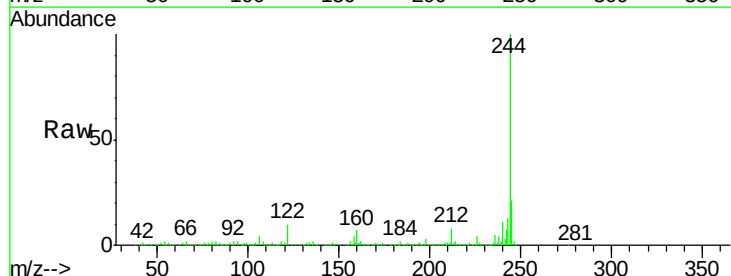
RT: 20.08 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037875.D

Acq: 7 Nov 2018 21:57

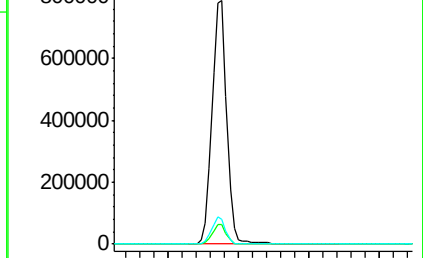
Tgt Ion:244	Resp:	1140080
Ion Ratio	Lower	Upper
244	100	
212	8.0	6.5 9.7
122	10.2	9.0 13.4



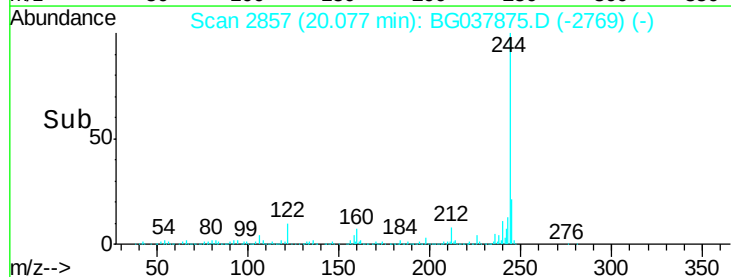
Abundance Ion 244.00 (243.70 to 244.70): E

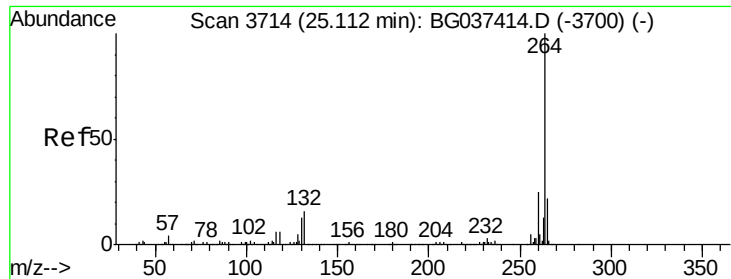
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#87
Pervlene-d12
Concen: 20.00 ng
RT: 25.09 min Scan# 3710
Delta R.T. -0.02 min
Lab File: BG037875.D
Acq: 7 Nov 2018 21:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.4
265	20.7	17.9	26.9

