

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010319\
 Data File : BG038916.D
 Acq On : 3 Jan 2019 23:17
 Operator : JU/SJ
 Sample : K1017-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 04 04:14:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

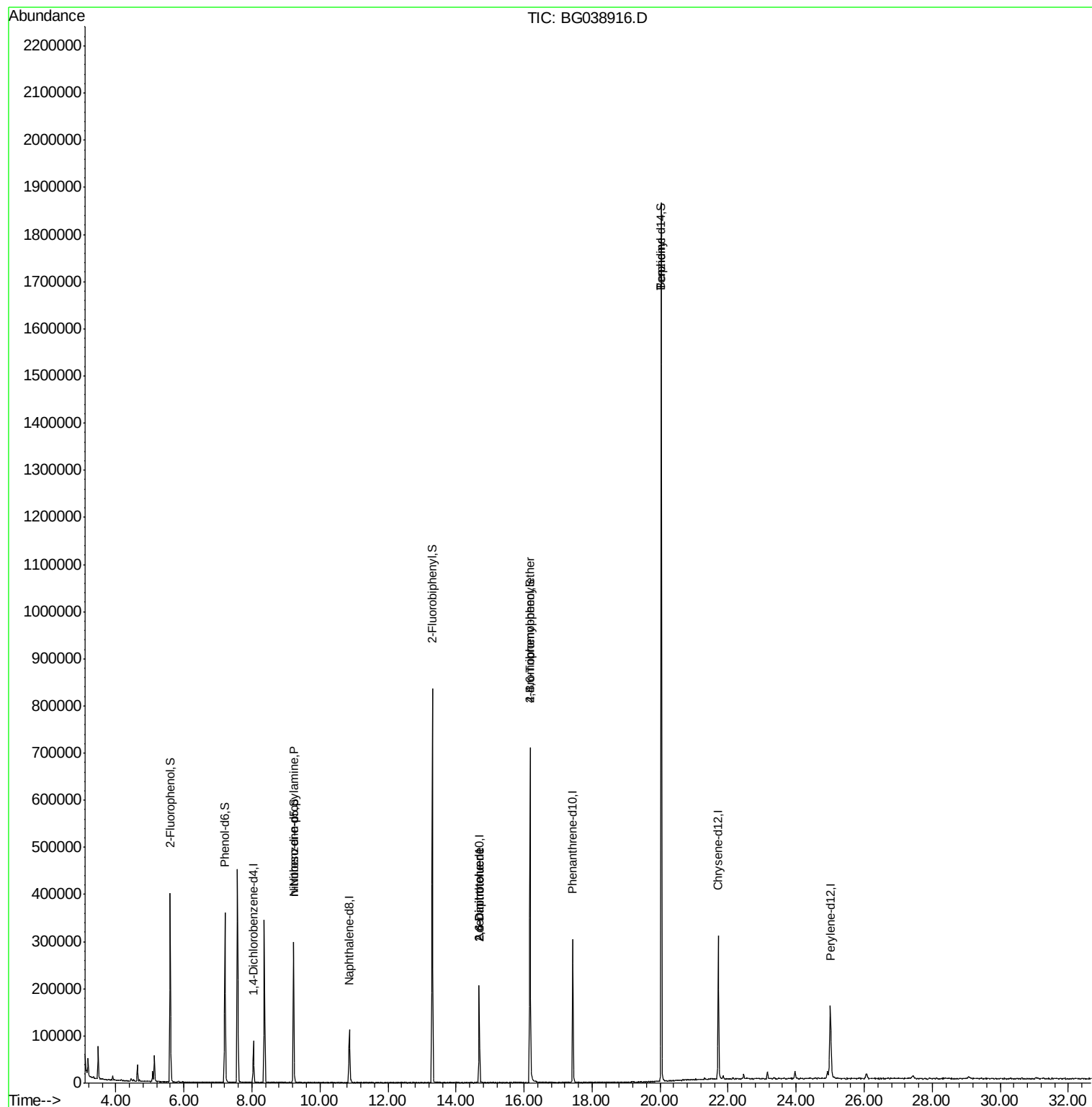
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	26482	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	103222	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	76389	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	202996	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	202719	20.00	ng	-0.02
87) Perylene-d12	25.01	264	209871	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	178398	119.48	ng	0.00
7) Phenol-d6	7.21	99	214317	104.56	ng	0.00
23) Nitrobenzene-d5	9.22	82	174517	86.37	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	157621	149.72	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	473699	85.07	ng	-0.02
79) Terphenyl-d14	20.04	244	957131	102.75	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	23737	16.489	ng	# 64
51) 2,6-Dinitrotoluene	14.68	165	9885	6.992	ng	# 19
57) 2,4-Dinitrotoluene	14.68	165	9885	4.965	ng	# 21
67) 4-Bromophenyl-phenylether	16.18	248	10413	4.200	ng	# 1
77) Benzidine	20.04	184	15377	2.565	ng	# 93

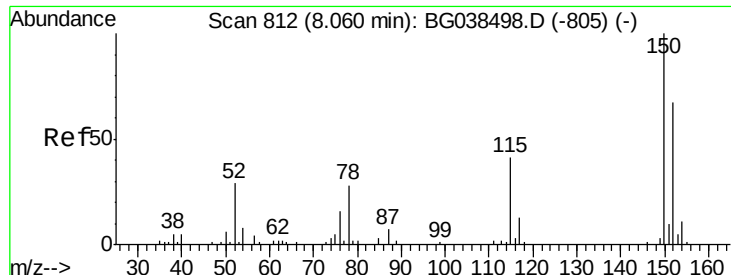
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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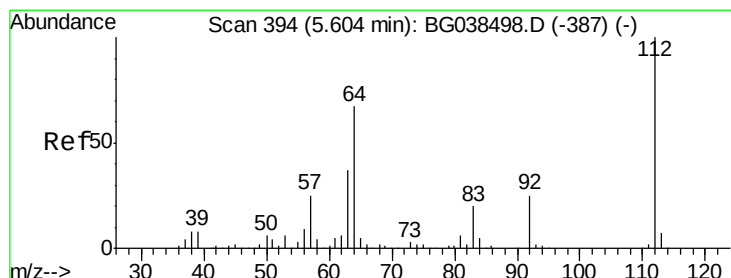
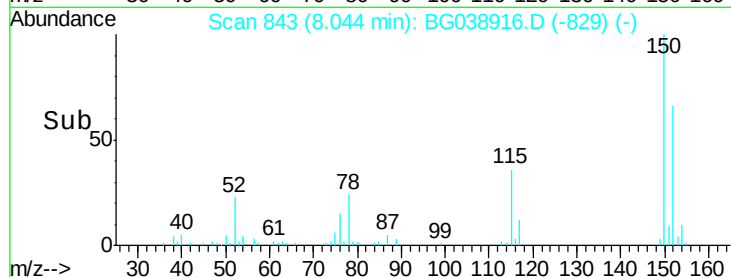
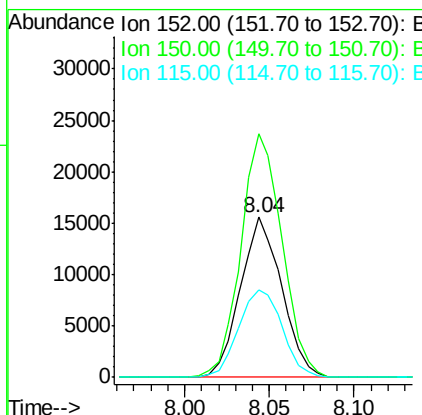
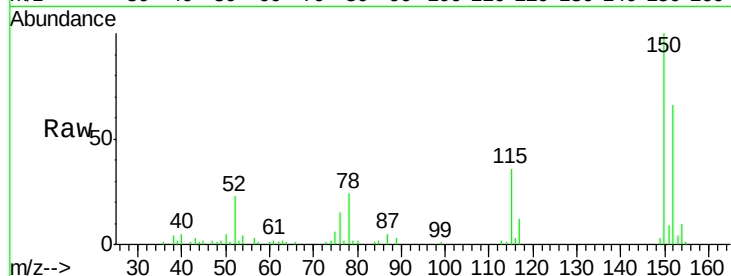


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.02 min
Lab File: BG038916.D
Acq: 3 Jan 2019 23:17

Instrument :
BNA_G
ClientSampleId :

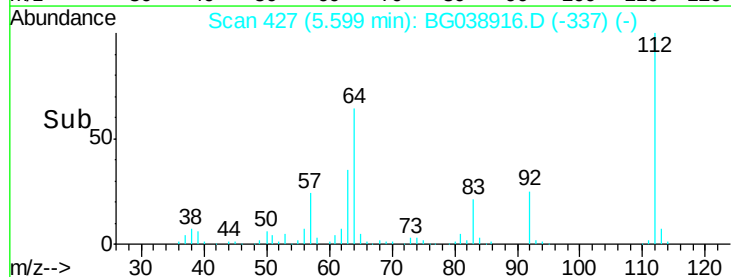
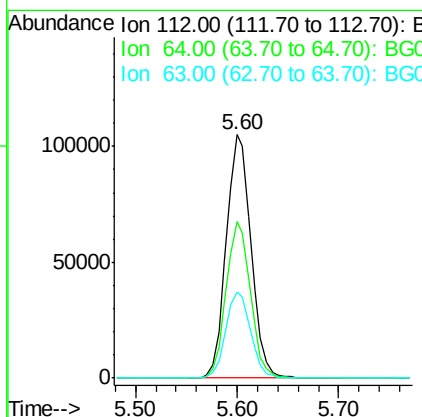
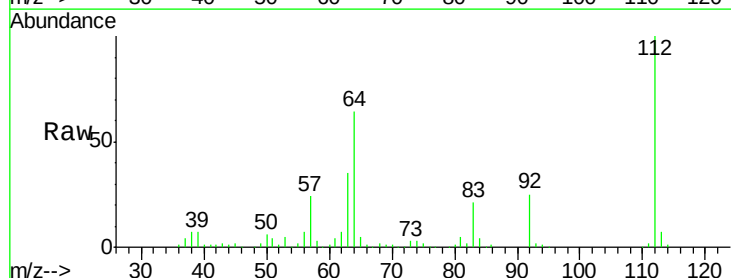
Tot Ion:152 Resp: 26482
Ion Ratio Lower Upper
152 100
150 152.3 119.5 179.3
115 54.4 49.6 74.4

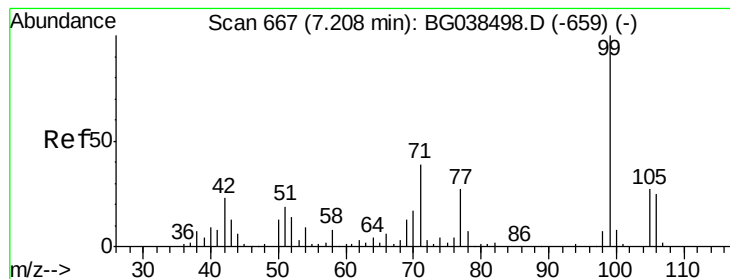


#5

2-Fluorophenol
Concen: 119.483 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.00 min
Lab File: BG038916.D
Acq: 3 Jan 2019 23:17

Tgt Ion:112 Resp: 178398
Ion Ratio Lower Upper
112 100
64 64.2 53.4 80.2
63 35.4 29.3 43.9





#7

Phenol-d6

Concen: 104.560 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

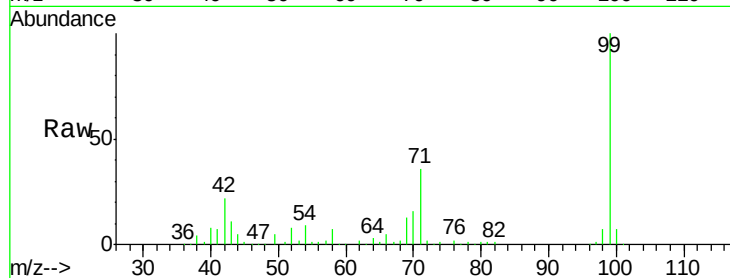
Lab File: BG038916.D

Acq: 3 Jan 2019 23:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 99 Resp: 214317

Ion	Ratio	Lower	Upper
99	100		
42	22.2	18.5	27.7
71	36.3	31.1	46.7

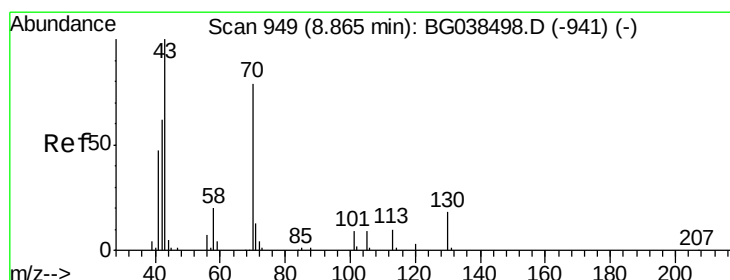
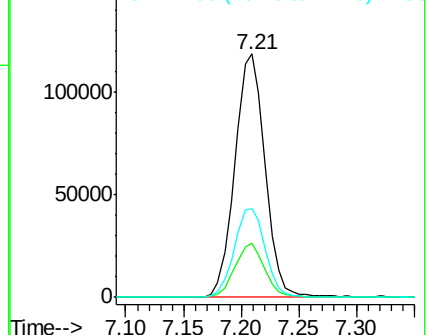
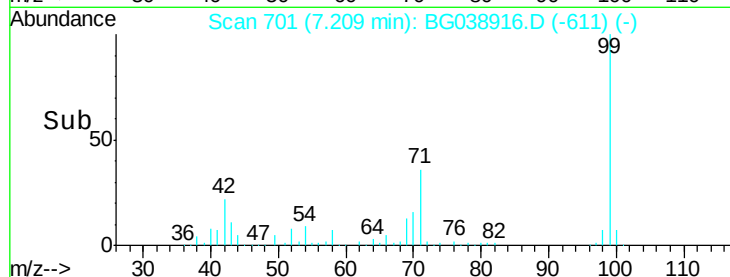


Abundance

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: 16.489 ng

RT: 9.22 min Scan# 1044

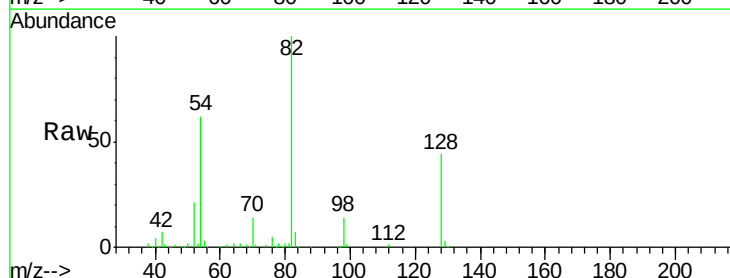
Delta R.T. 0.36 min

Lab File: BG038916.D

Acq: 3 Jan 2019 23:17

Tgt Ion: 70 Resp: 23737

Ion	Ratio	Lower	Upper
70	100		
42	48.4	63.6	95.4#
101	0.0	9.2	13.8#
130	2.1	18.5	27.7#



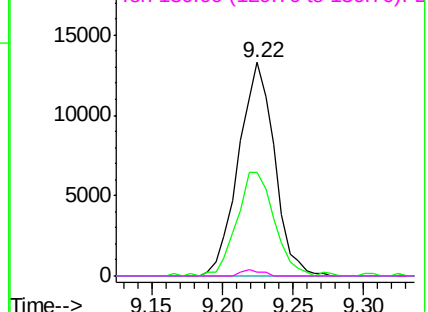
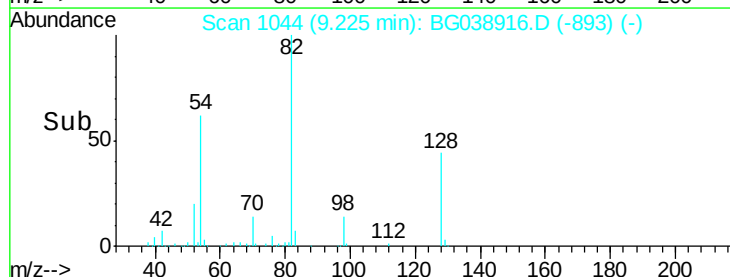
Abundance

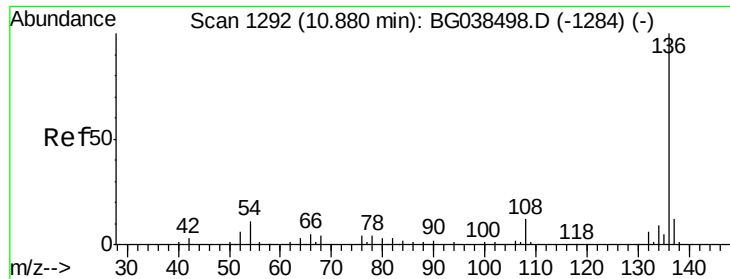
Ion 70.00 (69.70 to 70.70): BGC

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

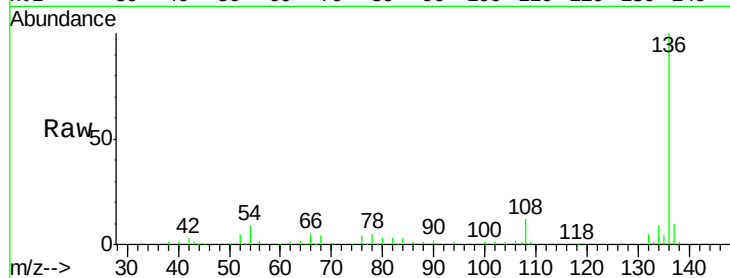




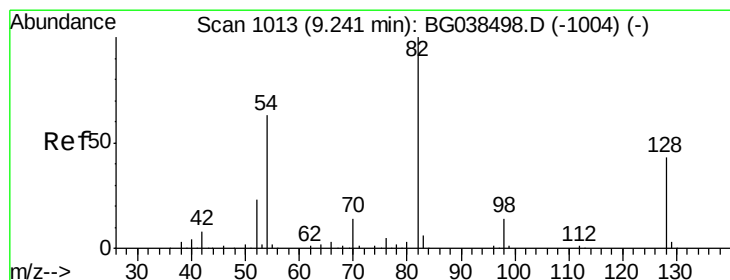
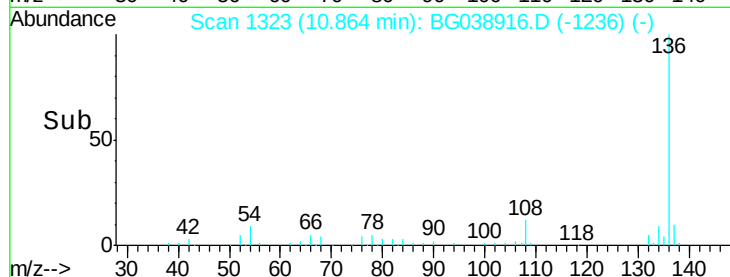
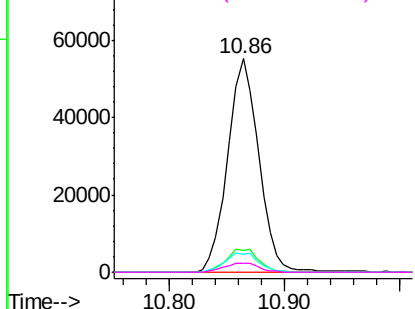
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG038916.D
Acq: 3 Jan 2019 23:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	103222
Ion	Ratio	Lower Upper
136	100	
137	10.4	9.3 13.9
54	8.7	8.5 12.7
68	4.3	3.5 5.3

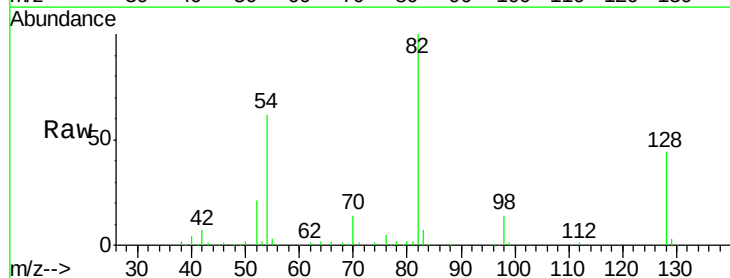


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

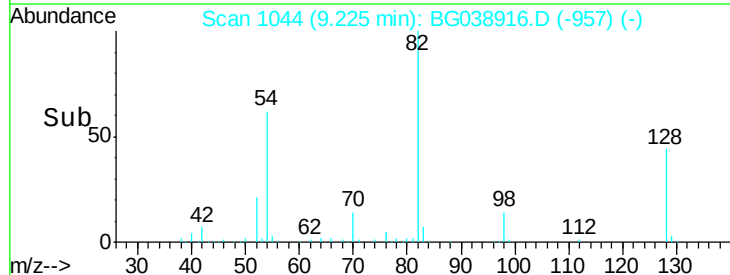
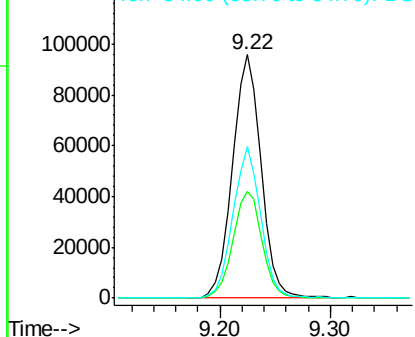


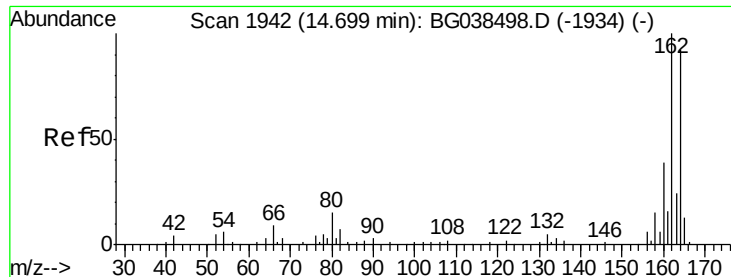
#23
Nitrobenzene-d5
Concen: 86.373 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG038916.D
Acq: 3 Jan 2019 23:17

Tgt Ion: 82	Resp:	174517
Ion	Ratio	Lower Upper
82	100	
128	43.7	34.6 52.0
54	62.0	50.6 76.0



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: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG038916.D

Acq: 3 Jan 2019 23:17

Instrument :

BNA_G

ClientSampleId :

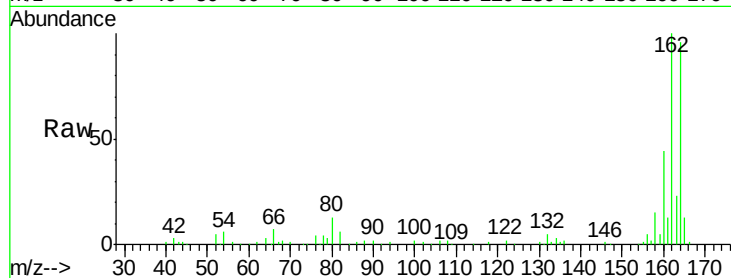
Tot Ion:164 Resp: 76389

Ion Ratio Lower Upper

164 100

162 104.1 86.6 130.0

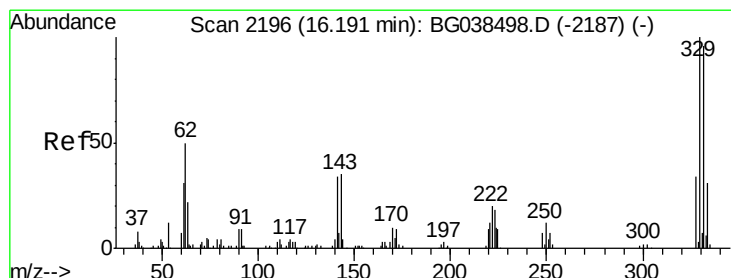
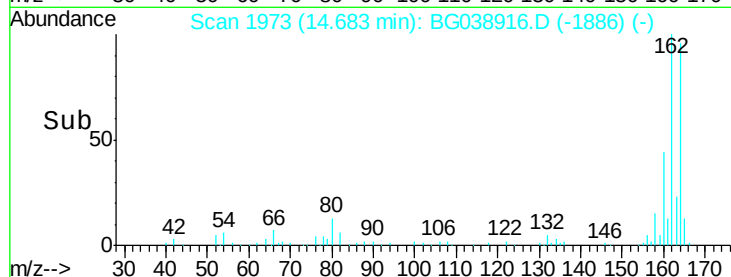
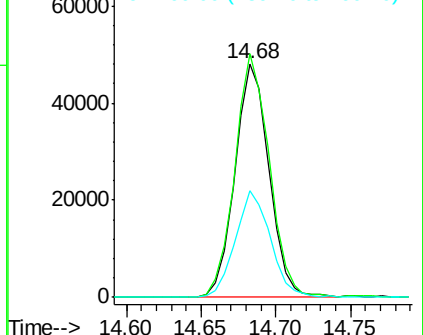
160 45.8 34.2 51.2



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: 149.719 ng

RT: 16.18 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BG038916.D

Acq: 3 Jan 2019 23:17

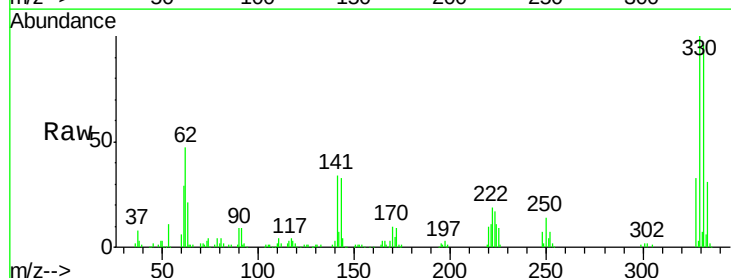
Tgt Ion:330 Resp: 157621

Ion Ratio Lower Upper

330 100

332 96.3 76.9 115.3

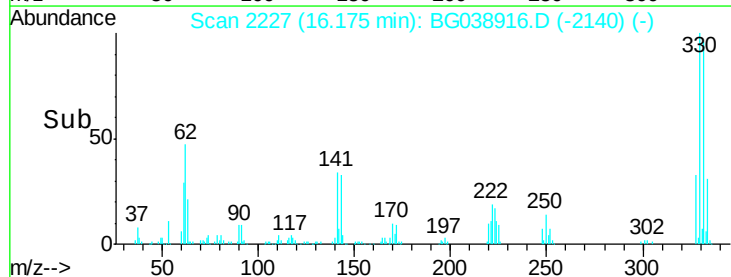
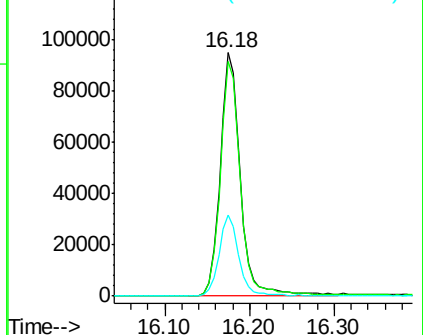
141 32.9 28.8 43.2

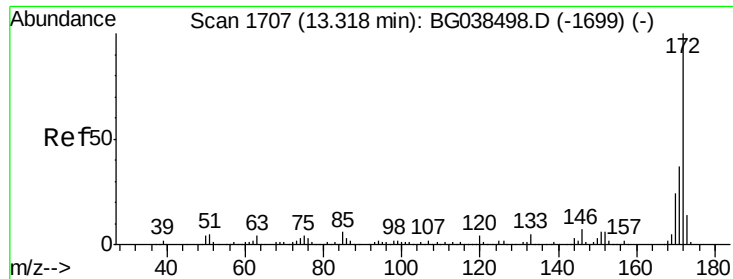


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

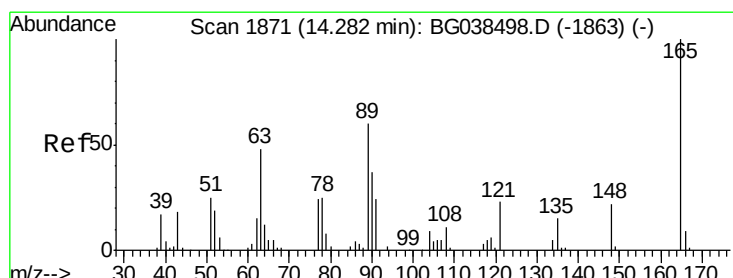
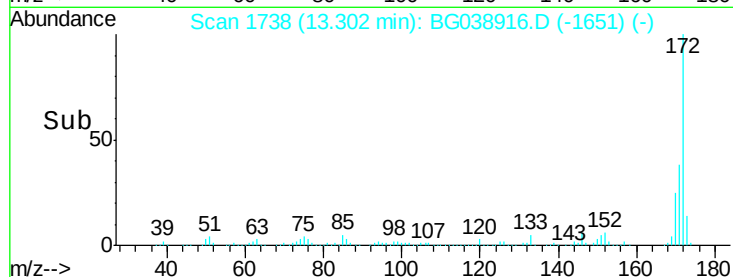
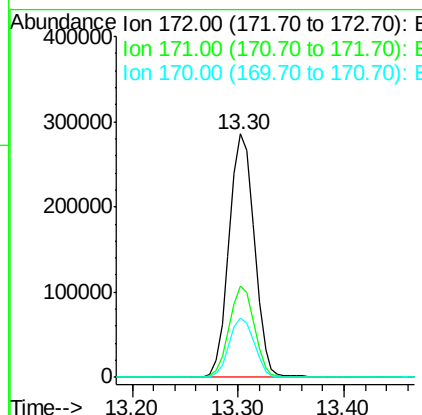
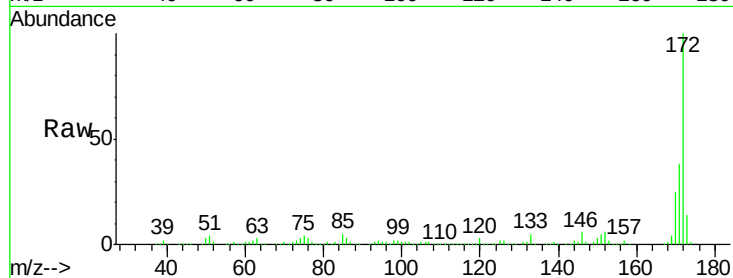




#45
 2-Fluorobiphenyl
 Concen: 85.070 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG038916.D
 Acq: 3 Jan 2019 23:17

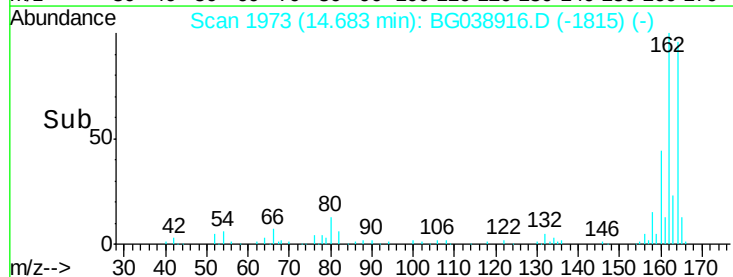
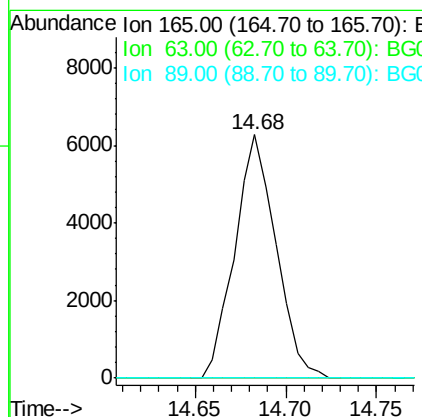
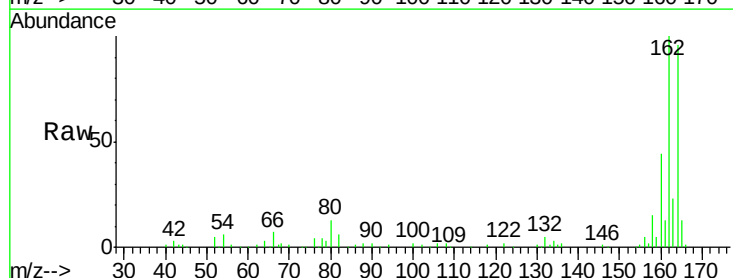
Instrument :
 BNA_G
 ClientSampleId :

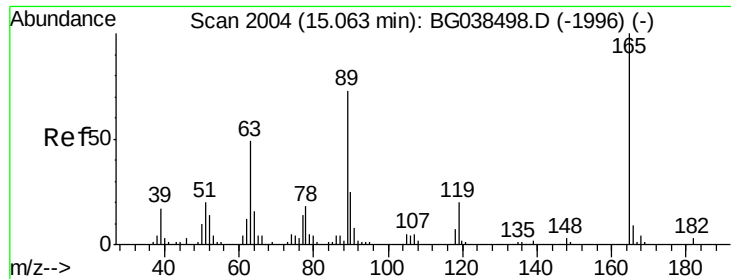
Tot Ion:172 Resp: 473699
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.8 44.6
 170 24.5 19.5 29.3



#51
 2,6-Dinitrotoluene
 Concen: 6.992 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. 0.40 min
 Lab File: BG038916.D
 Acq: 3 Jan 2019 23:17

Tgt Ion:165 Resp: 9885
 Ion Ratio Lower Upper
 165 100
 63 0.0 51.8 77.6#
 89 0.0 47.9 71.9#

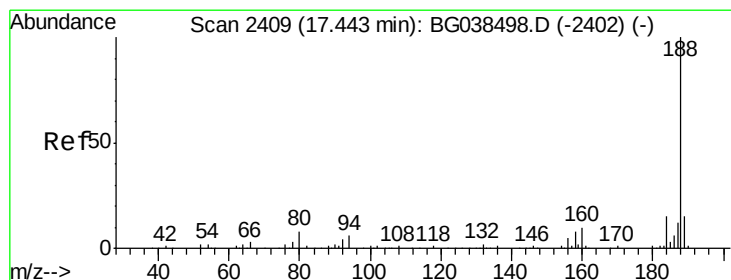
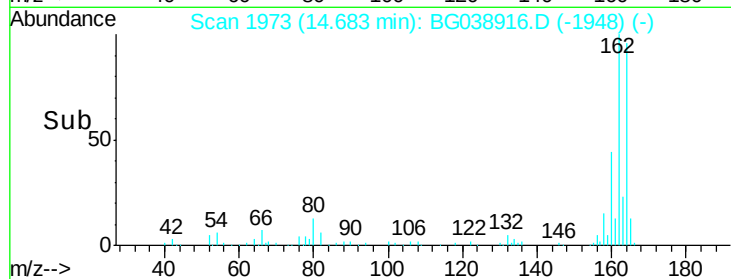
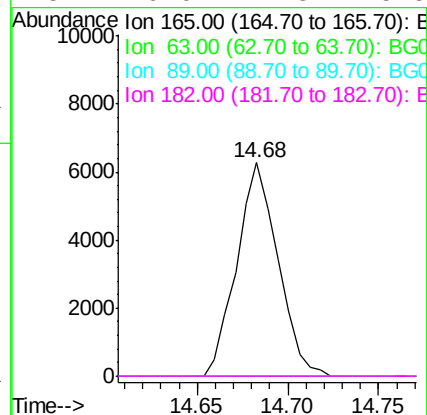
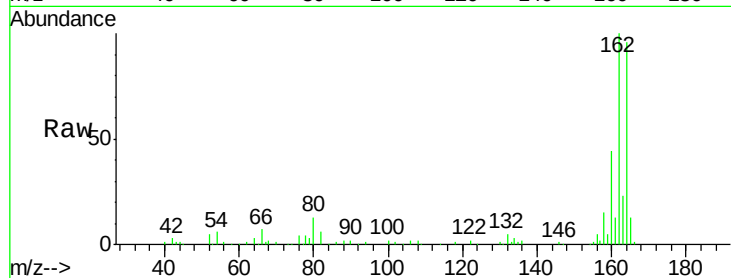




#57
 2,4-Dinitrotoluene
 Concen: 4.965 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.38 min
 Lab File: BG038916.D
 Acq: 3 Jan 2019 23:17

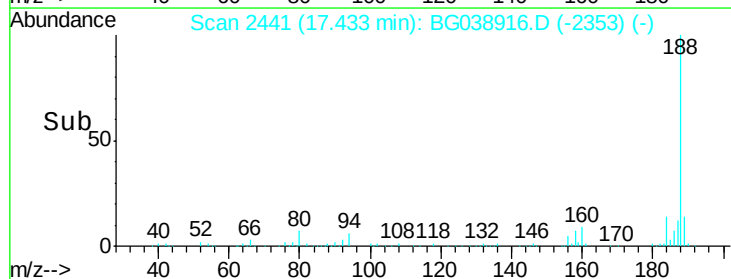
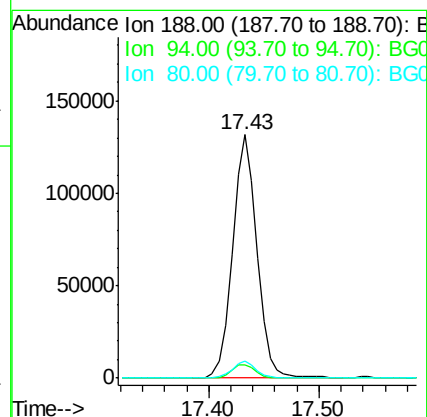
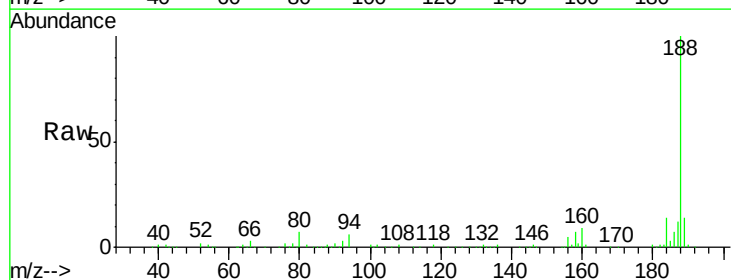
Instrument :
 BNA_G
 ClientSampleId :

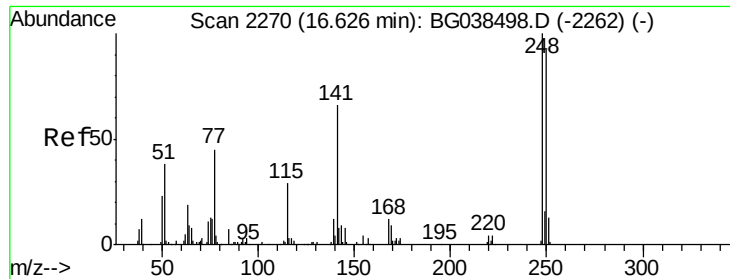
Tot Ion:165 Resp: 9885
 Ion Ratio Lower Upper
 165 100
 63 0.0 39.0 58.4#
 89 0.0 58.0 87.0#
 182 0.0 2.3 3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.01 min
 Lab File: BG038916.D
 Acq: 3 Jan 2019 23:17

Tgt Ion:188 Resp: 202996
 Ion Ratio Lower Upper
 188 100
 94 5.6 5.1 7.7
 80 7.1 6.1 9.1

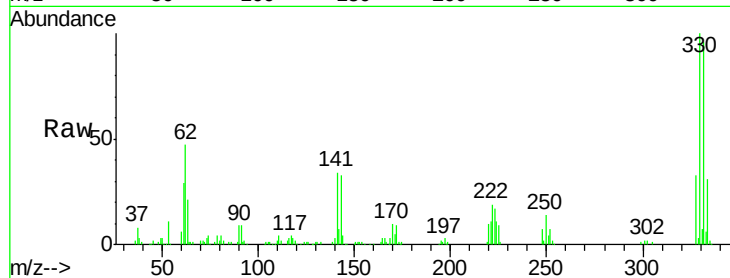




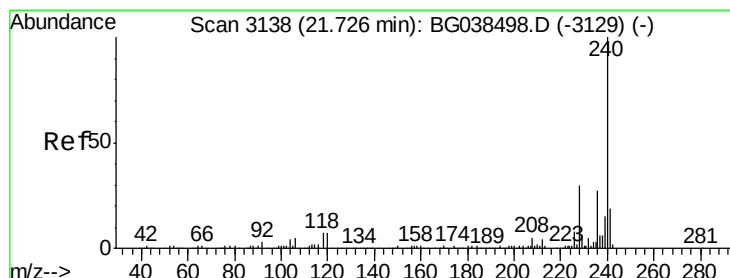
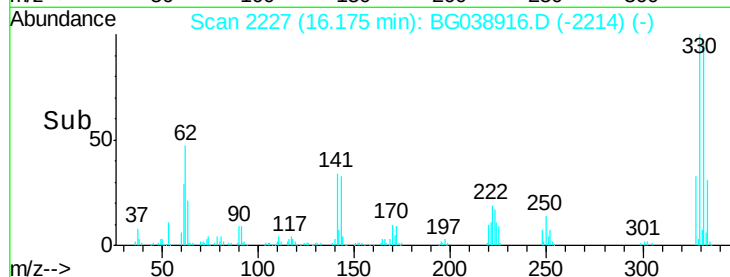
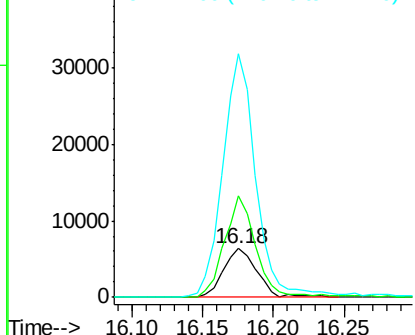
#67
4-Bromophenyl-phenylether
Concen: 4.200 ng
RT: 16.18 min Scan# 2227
Delta R.T. -0.45 min
Lab File: BG038916.D
Acq: 3 Jan 2019 23:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 10413
Ion Ratio Lower Upper
248 100
250 207.0 73.4 110.2#
141 385.7 52.9 79.3#

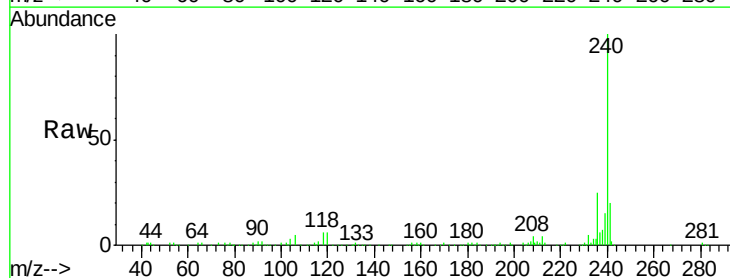


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

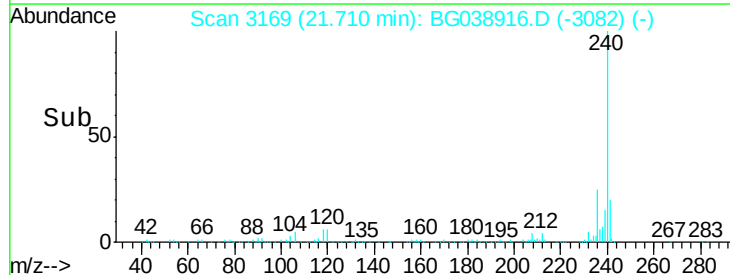
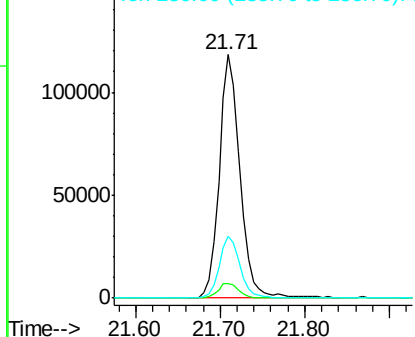


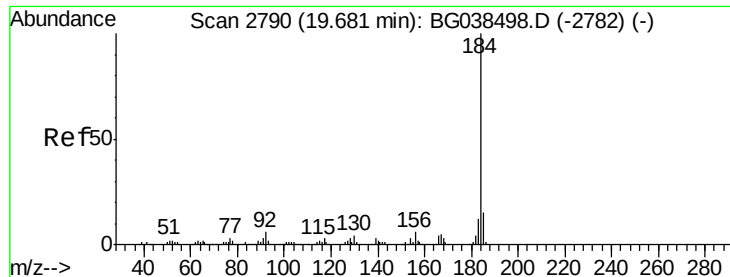
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.02 min
Lab File: BG038916.D
Acq: 3 Jan 2019 23:17

Tgt Ion:240 Resp: 202719
Ion Ratio Lower Upper
240 100
120 6.1 5.3 7.9
236 25.3 21.4 32.2



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





#77

Benzidine

Concen: 2.565 ng

RT: 20.04 min Scan# 2884

Delta R.T. 0.35 min

Lab File: BG038916.D

Acq: 3 Jan 2019 23:17

Instrument :

BNA_G

ClientSampleId :

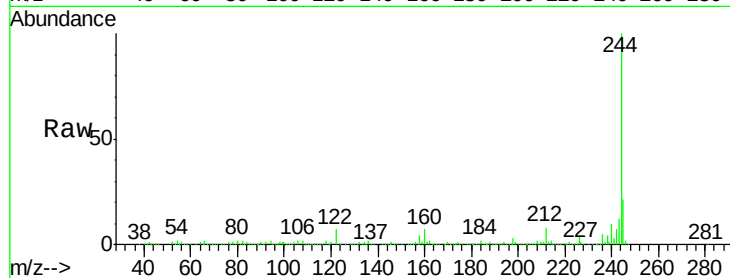
Tot Ion:184 Resp: 15377

Ion Ratio Lower Upper

184 100

185 17.2 12.2 18.2

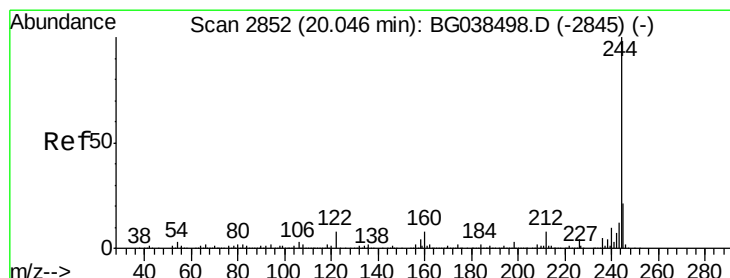
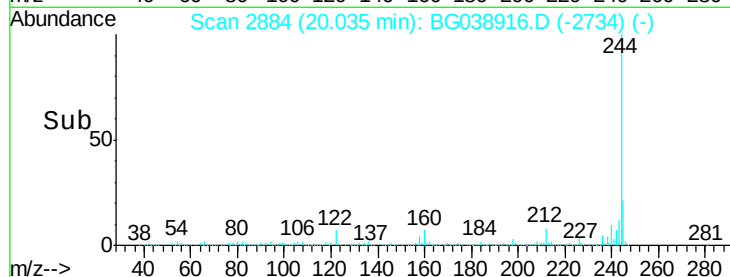
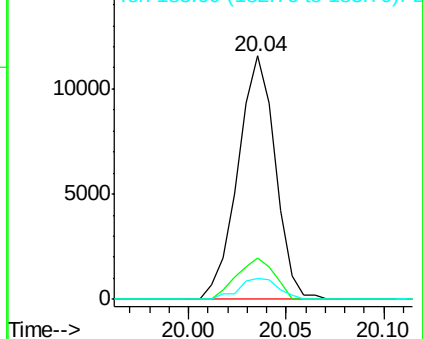
183 8.5 9.6 14.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 102.755 ng

RT: 20.04 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG038916.D

Acq: 3 Jan 2019 23:17

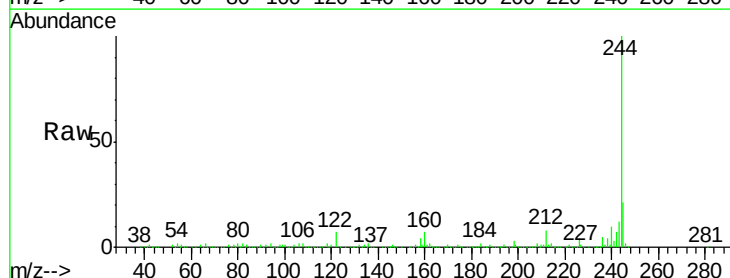
Tgt Ion:244 Resp: 957131

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

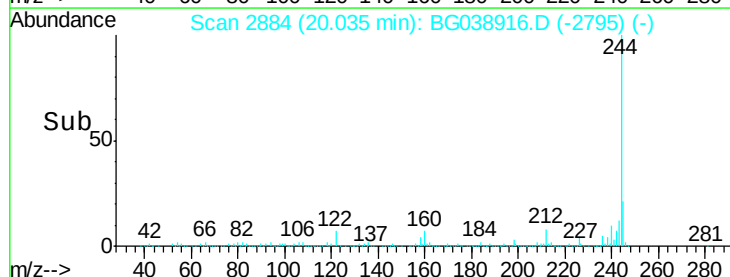
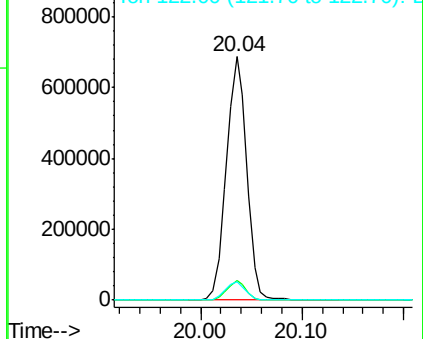
122 7.3 6.3 9.5

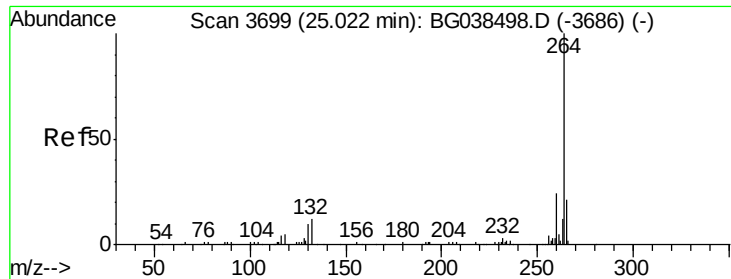


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3730
Delta R.T. -0.02 min
Lab File: BG038916.D
Acq: 3 Jan 2019 23:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 264 Resp: 209871

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.9	28.3
265	21.0	17.0	25.4

