

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG113018\
 Data File : BG038278.D
 Acq On : 1 Dec 2018 5:11
 Operator : JU/SJ
 Sample : J6129-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 112818-DBRI-F-U-S

Quant Time: Dec 01 05:48:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

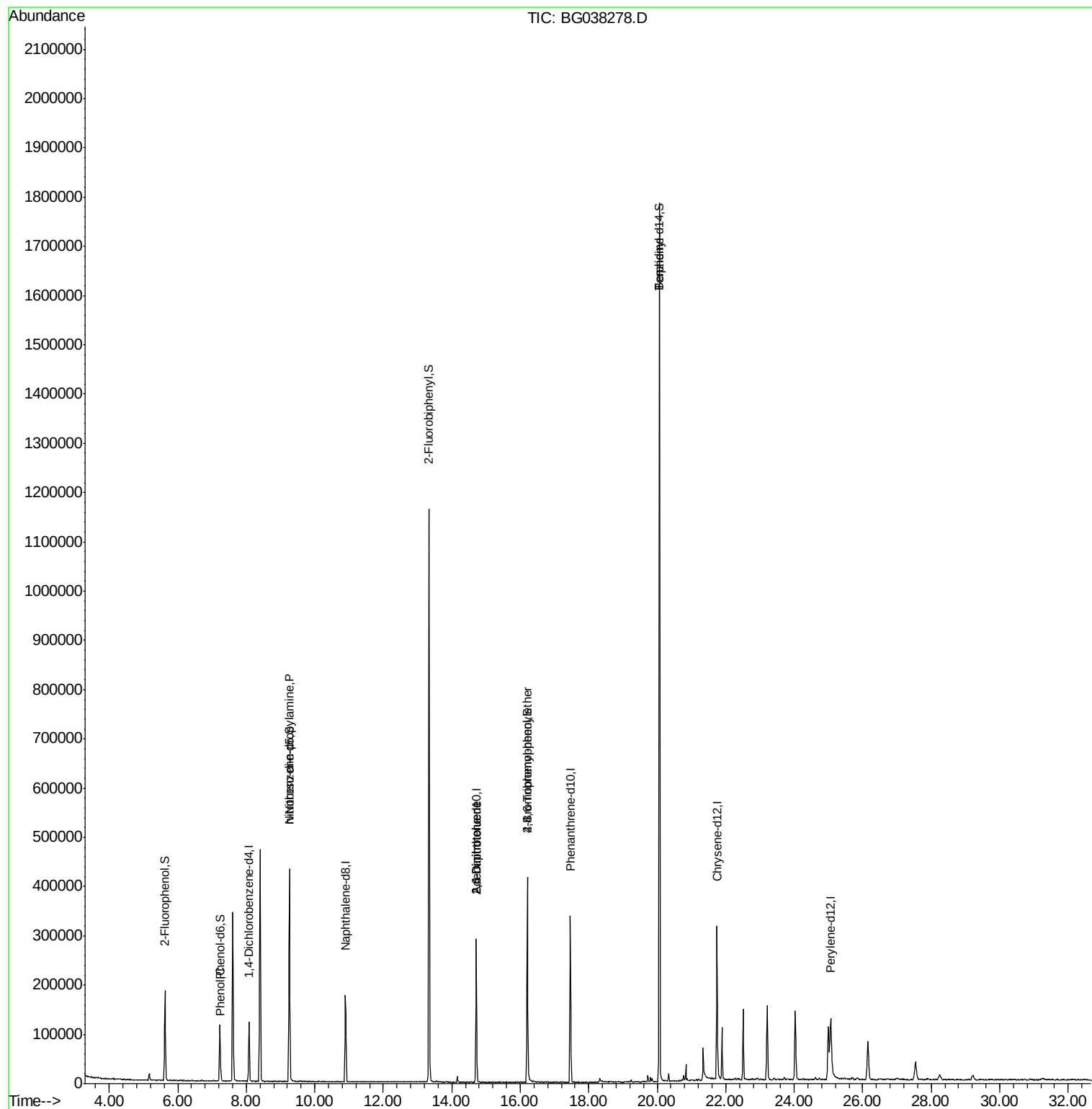
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	33972	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	159618	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	102965	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	226087	20.00	ng	0.00
76) Chrysene-d12	21.74	240	206311	20.00	ng	-0.01
87) Perylene-d12	25.07	264	182021	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	82488	41.92	ng	0.00
7) Phenol-d6	7.23	99	71419	25.43	ng	0.00
23) Nitrobenzene-d5	9.26	82	273316	91.66	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	85467	72.78	ng	-0.01
45) 2-Fluorobiphenyl	13.33	172	631215	89.31	ng	-0.01
79) Terphenyl-d14	20.06	244	898269	102.45	ng	0.00
Target Compounds						
10) Phenol	7.25	94	9689	3.257	ng	96
19) n-Nitroso-di-n-propylamine	9.26	70	35655	17.544	ng	# 79
51) 2,6-Dinitrotoluene	14.72	165	13315	7.207	ng	# 25
57) 2,4-Dinitrotoluene	14.72	165	13315	5.297	ng	# 25
67) 4-Bromophenyl-phenylether	16.20	248	5901	2.378	ng	# 1
77) Benzidine	20.06	184	15916	2.199	ng	# 96

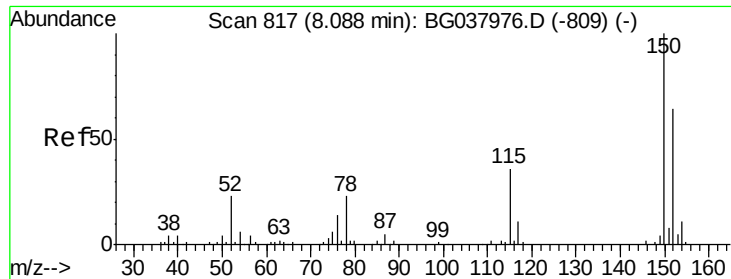
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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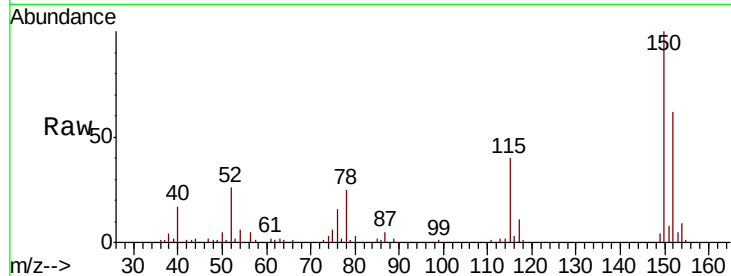


#1

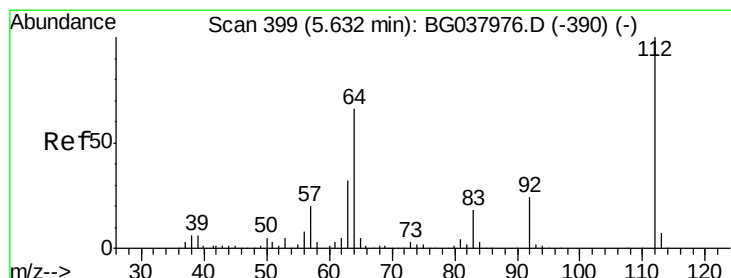
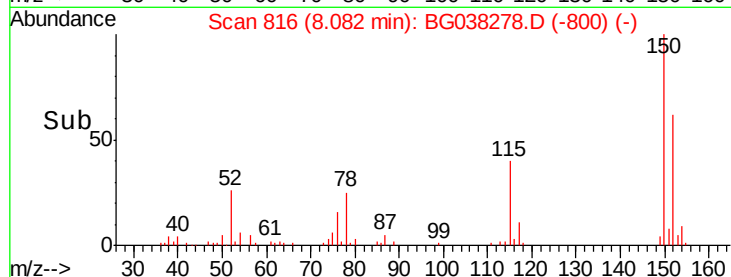
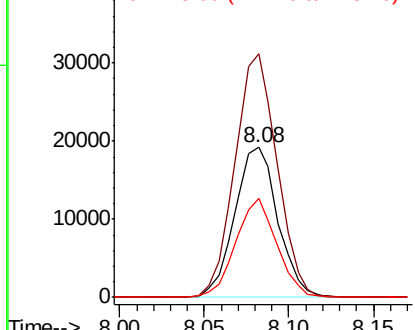
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG038278.D
Acq: 1 Dec 2018 5:11

Instrument :
BNA_G
ClientSampleId :
112818-DBRI-F-U-S

Tot Ion:152 Resp: 33972
Ion Ratio Lower Upper
152 100
150 162.2 126.0 189.0
115 65.6 45.5 68.3



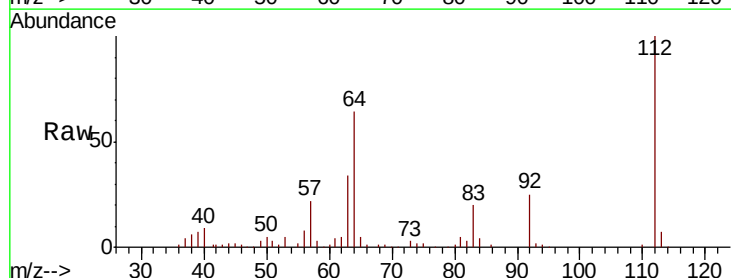
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



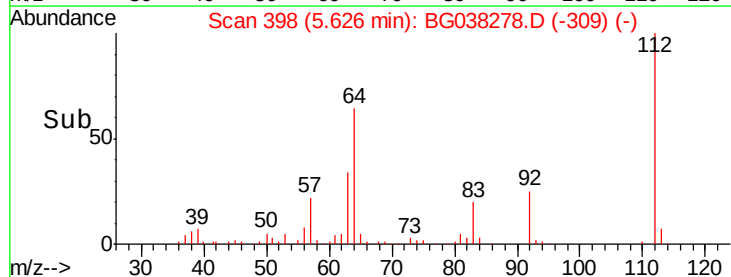
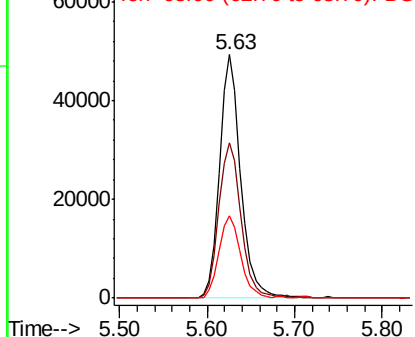
#5

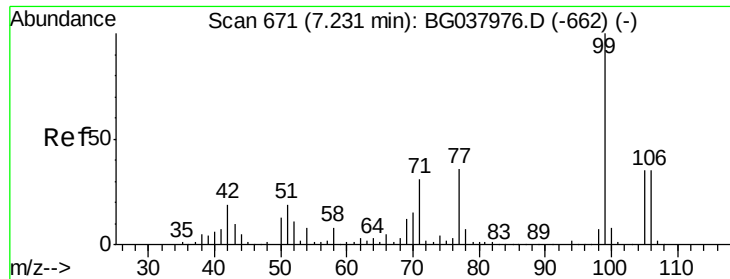
2-Fluorophenol
Concen: 41.923 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG038278.D
Acq: 1 Dec 2018 5:11

Tgt Ion:112 Resp: 82488
Ion Ratio Lower Upper
112 100
64 63.5 53.1 79.7
63 33.7 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: 25.428 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038278.D

Acq: 1 Dec 2018 5:11

Instrument :

BNA_G

ClientSampleId :

112818-DBRI-F-U-S

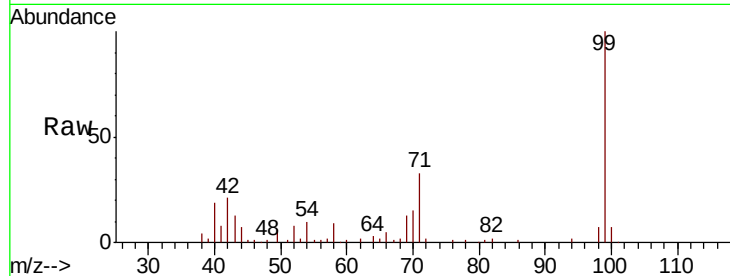
Tot Ion: 99 Resp: 71419

Ion Ratio Lower Upper

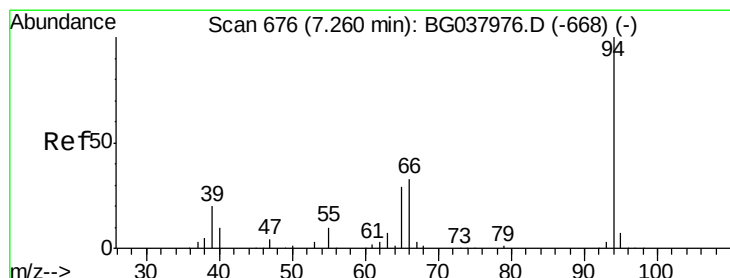
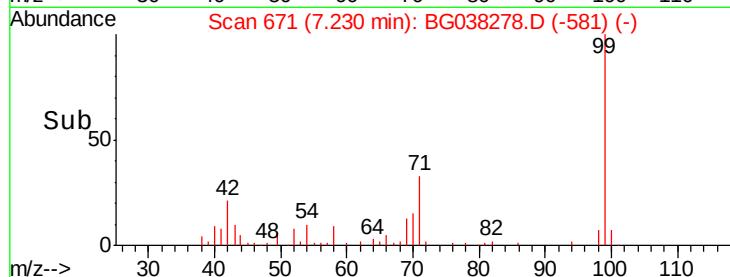
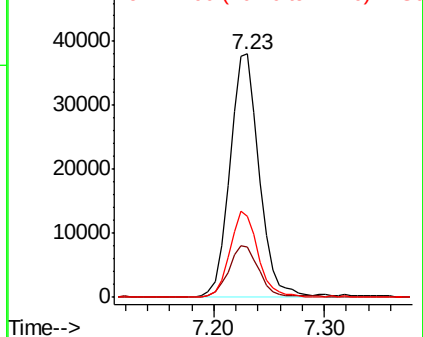
99 100

42 20.7 15.0 22.4

71 33.1 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



#10

Phenol

Concen: 3.257 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.01 min

Lab File: BG038278.D

Acq: 1 Dec 2018 5:11

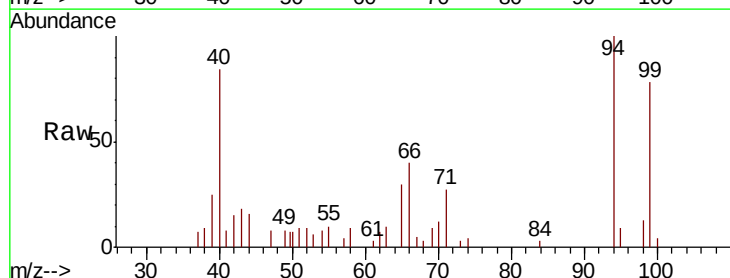
Tgt Ion: 94 Resp: 9689

Ion Ratio Lower Upper

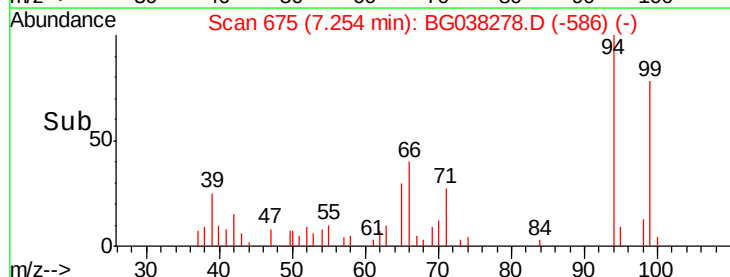
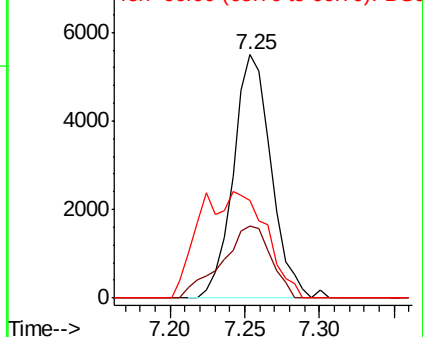
94 100

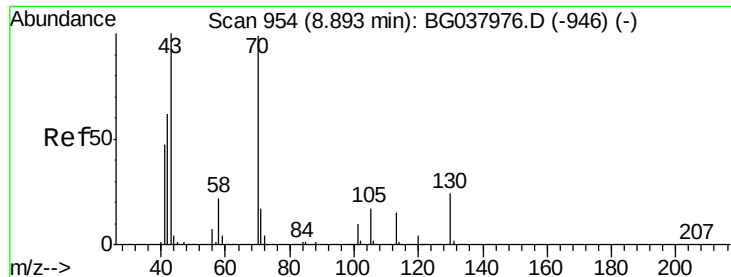
65 29.8 9.7 49.7

66 40.2 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

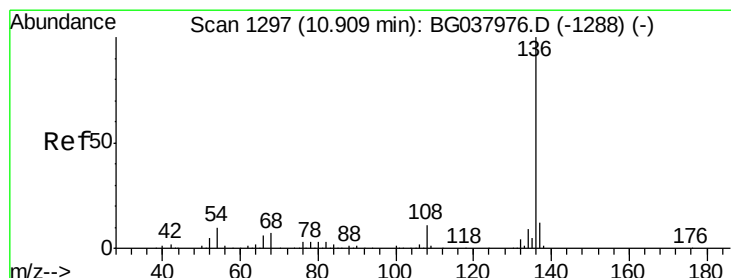
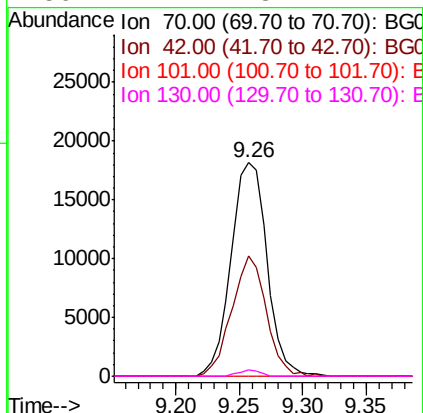
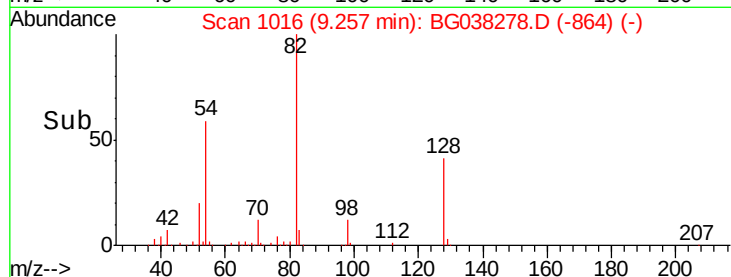
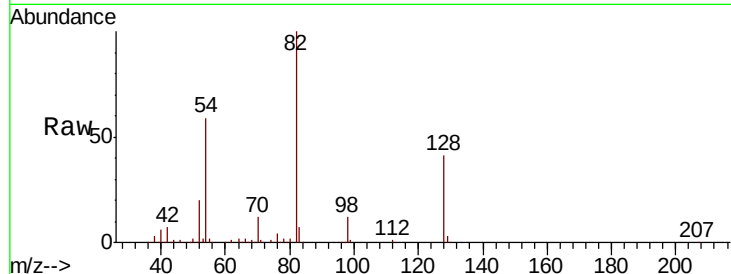




#19
n-Nitroso-di-n-propylamine
Concen: 17.544 ng
RT: 9.26 min Scan# 1016
Delta R.T. 0.36 min
Lab File: BG038278.D
Acq: 1 Dec 2018 5:11

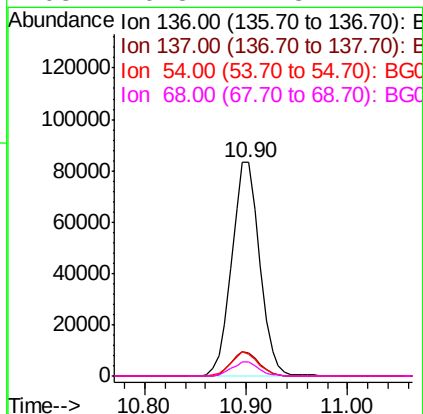
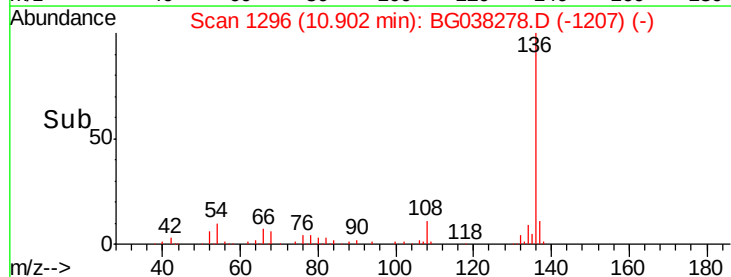
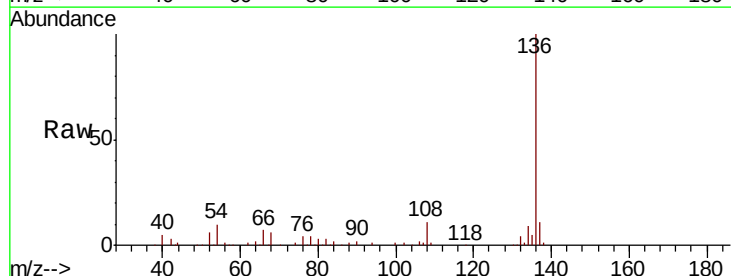
Instrument :
BNA_G
ClientSampleId :
112818-DBRI-F-U-S

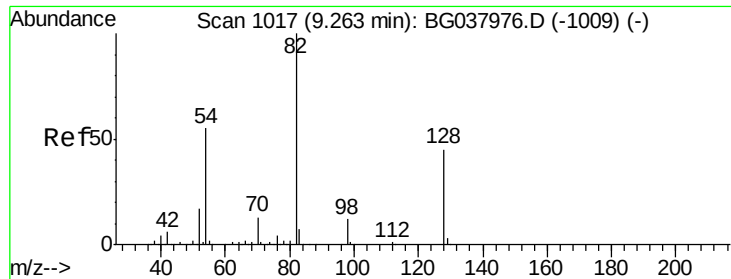
Tot Ion: 70 Resp: 35655
Ion Ratio Lower Upper
70 100
42 56.3 53.9 80.9
101 0.0 8.2 12.2#
130 2.7 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038278.D
Acq: 1 Dec 2018 5:11

Tgt Ion: 136 Resp: 159618
Ion Ratio Lower Upper
136 100
137 11.1 9.6 14.4
54 10.3 7.9 11.9
68 6.3 4.8 7.2

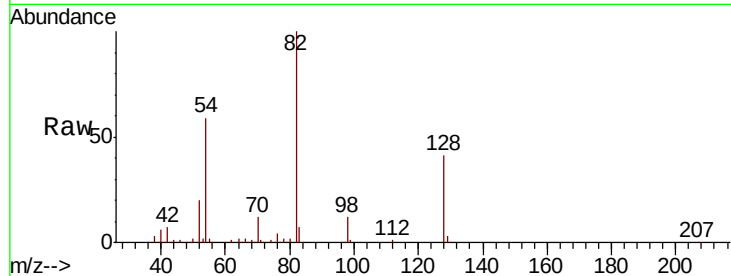




#23
 Nitrobenzene-d5
 Concen: 91.661 ng
 RT: 9.26 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BG038278.D
 Acq: 1 Dec 2018 5:11

Instrument :
 BNA_G
 ClientSampleId :
 112818-DBRI-F-U-S

Tot Ion	82	Resp	273316
Ion Ratio	Lower	Upper	
82	100		
128	40.7	34.6	51.8
54	58.8	45.3	67.9

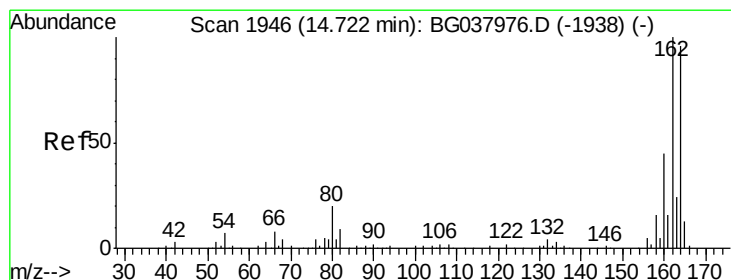
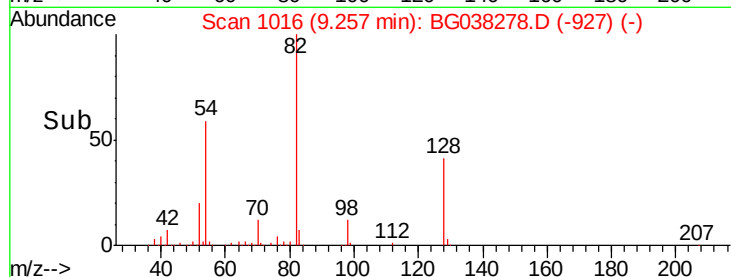
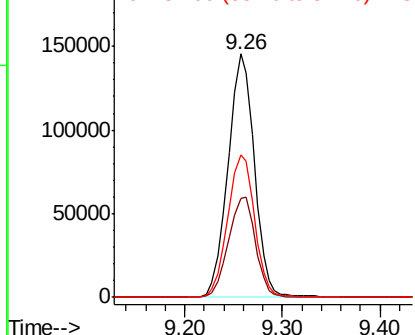


Abundance

Ion 82.00 (81.70 to 82.70): BGC

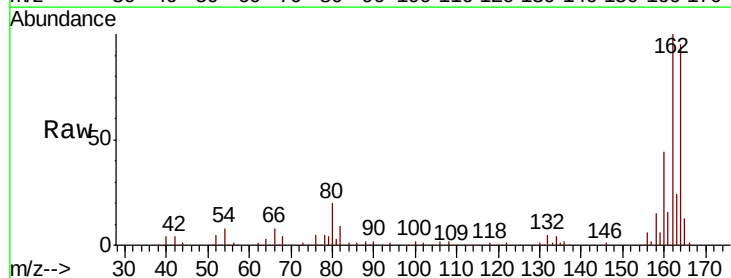
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BG038278.D
 Acq: 1 Dec 2018 5:11

Tgt Ion	164	Resp	102965
Ion Ratio	Lower	Upper	
164	100		
162	105.2	81.3	121.9
160	45.9	36.3	54.5

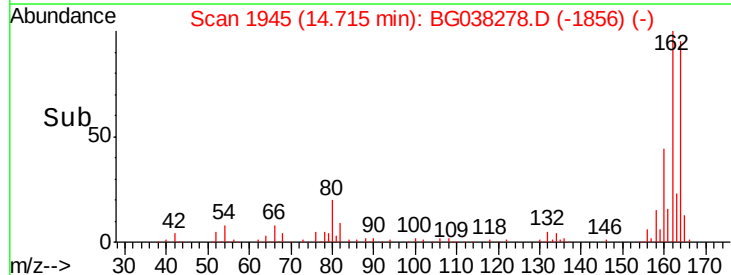
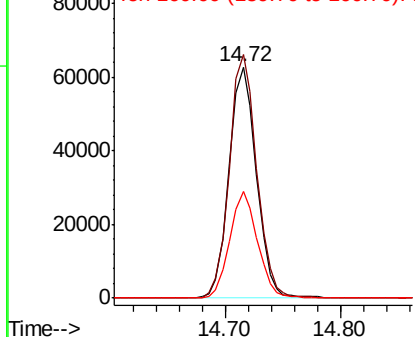


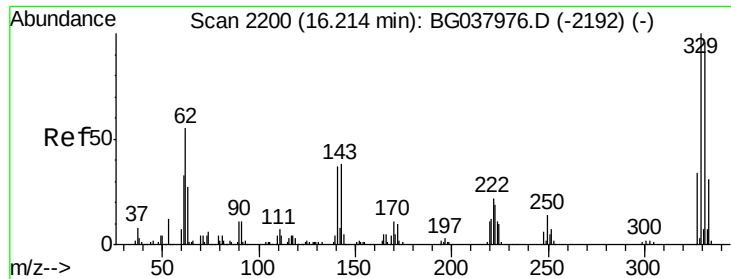
Abundance

Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

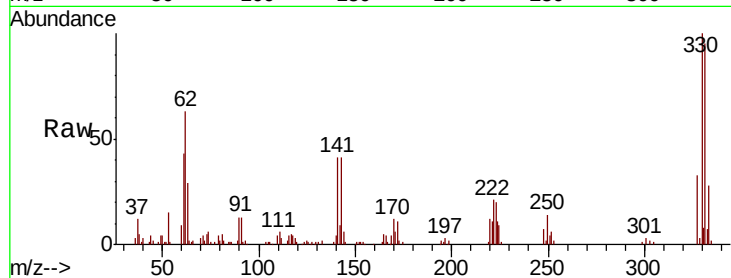




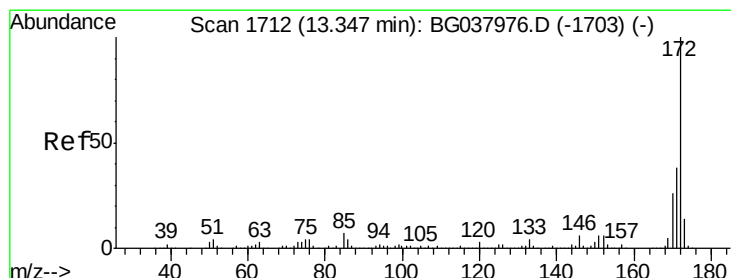
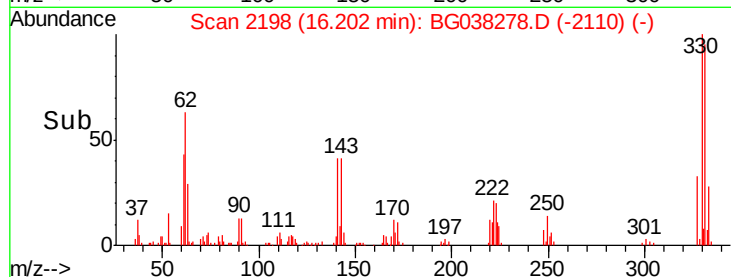
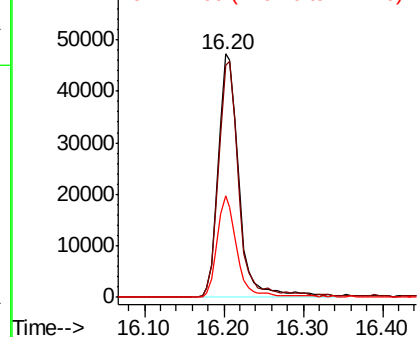
#42
 2,4,6-Tribromophenol
 Concen: 72.782 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BG038278.D
 Acq: 1 Dec 2018 5:11

Instrument :
 BNA_G
 ClientSampleId :
 112818-DBRI-F-U-S

Tot Ion:330 Resp: 85467
 Ion Ratio Lower Upper
 330 100
 332 95.9 78.4 117.6
 141 39.5 32.2 48.2

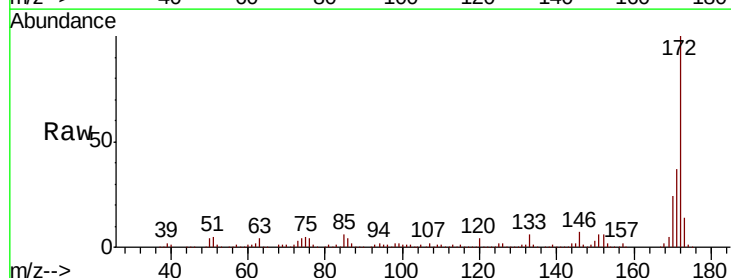


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

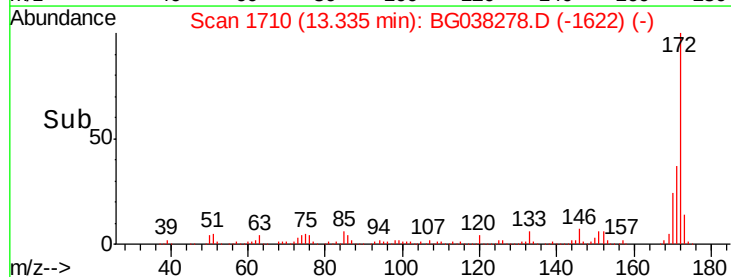
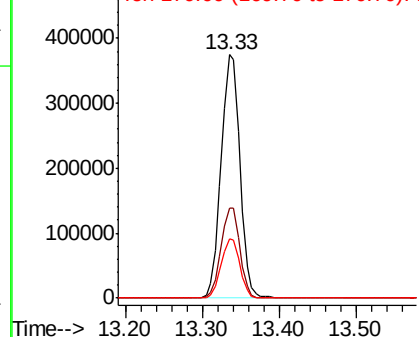


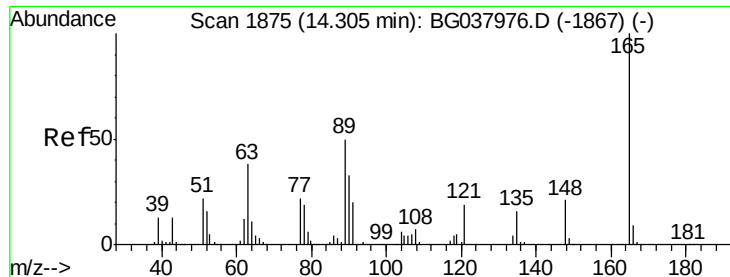
#45
 2-Fluorobiphenyl
 Concen: 89.311 ng
 RT: 13.33 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG038278.D
 Acq: 1 Dec 2018 5:11

Tgt Ion:172 Resp: 631215
 Ion Ratio Lower Upper
 172 100
 171 37.1 31.0 46.4
 170 24.5 20.2 30.2



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

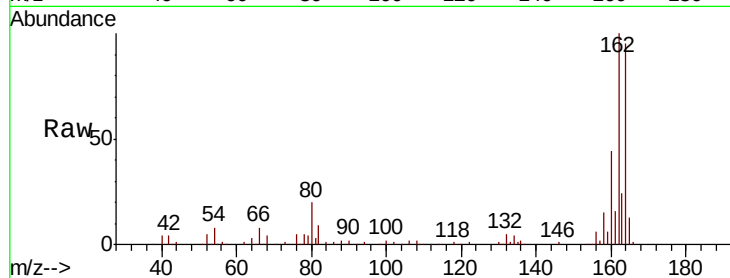




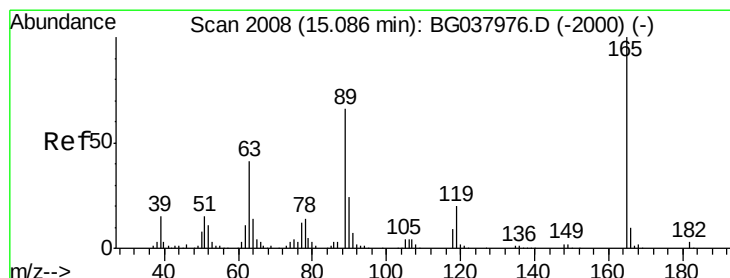
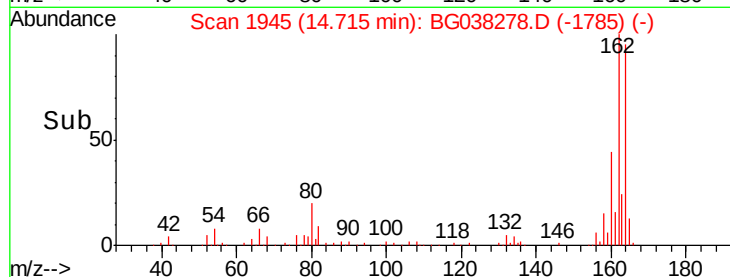
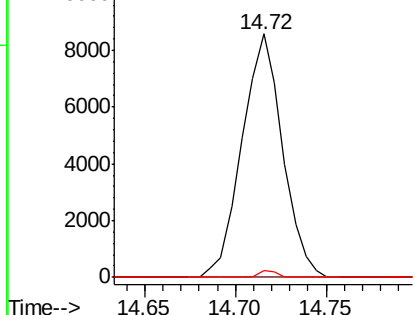
#51
 2,6-Dinitrotoluene
 Concen: 7.207 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. 0.41 min
 Lab File: BG038278.D
 Acq: 1 Dec 2018 5:11

Instrument :
 BNA_G
 ClientSampleId :
 112818-DBRI-F-U-S

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	2.8	45.8	68.6#

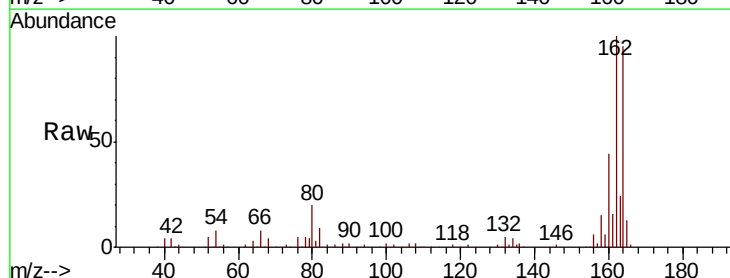


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

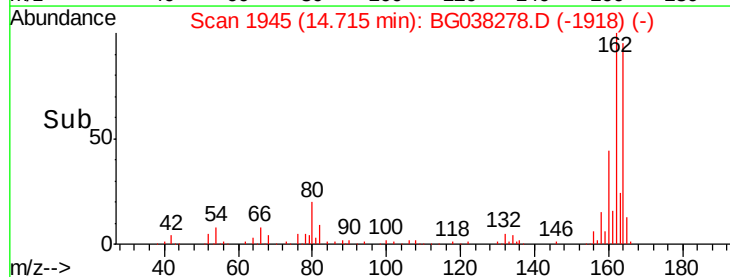
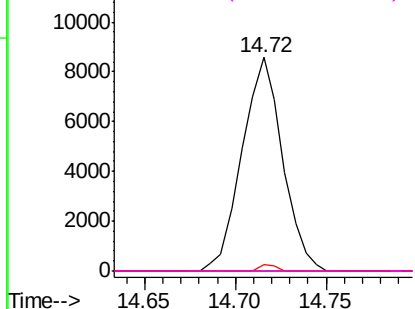


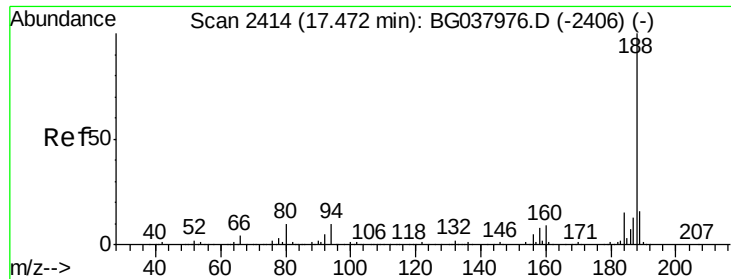
#57
 2,4-Dinitrotoluene
 Concen: 5.297 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG038278.D
 Acq: 1 Dec 2018 5:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	2.8	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

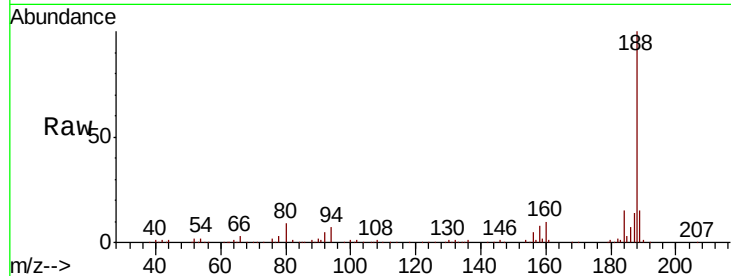




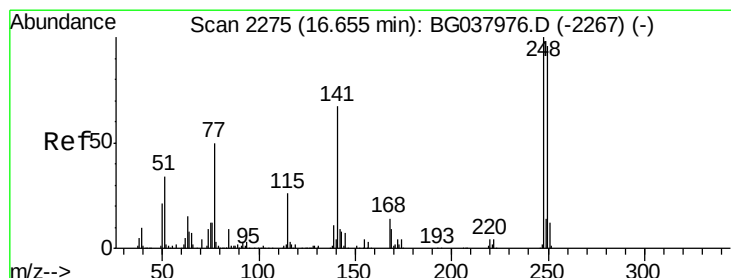
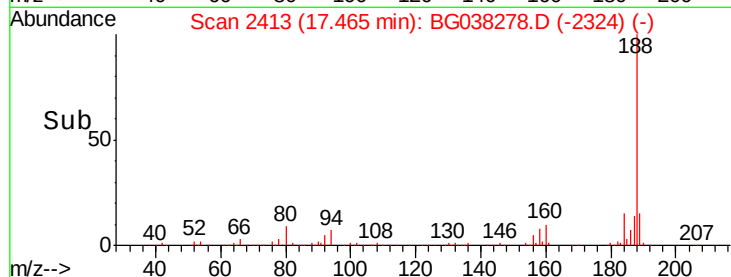
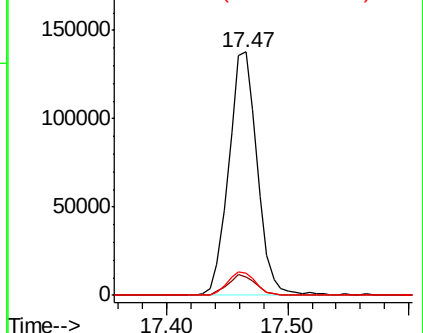
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG038278.D
Acq: 1 Dec 2018 5:11

Instrument :
BNA_G
ClientSampleId :
112818-DBRI-F-U-S

Tot Ion:188 Resp: 226087
Ion Ratio Lower Upper
188 100
94 7.4 7.2 10.8
80 9.1 7.7 11.5

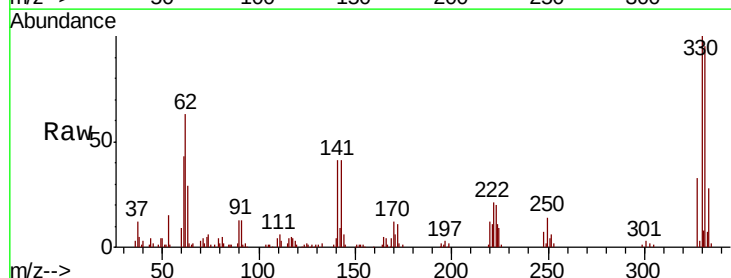


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

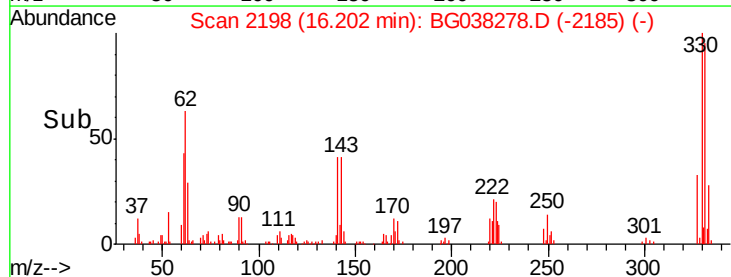
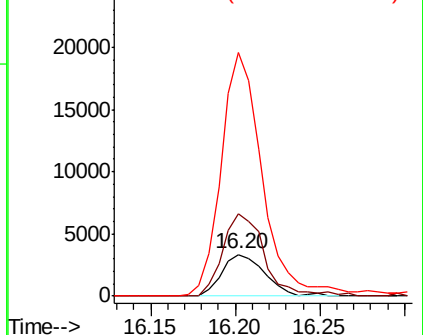


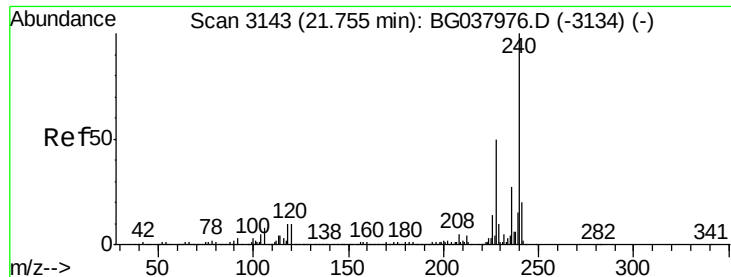
#67
4-Bromophenyl-phenylether
Concen: 2.378 ng
RT: 16.20 min Scan# 2198
Delta R.T. -0.45 min
Lab File: BG038278.D
Acq: 1 Dec 2018 5:11

Tgt Ion:248 Resp: 5901
Ion Ratio Lower Upper
248 100
250 200.4 77.0 115.6#
141 462.1 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

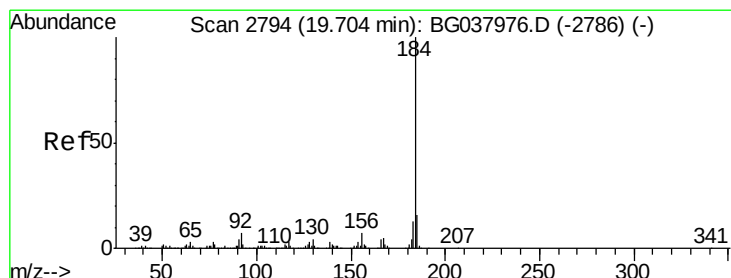
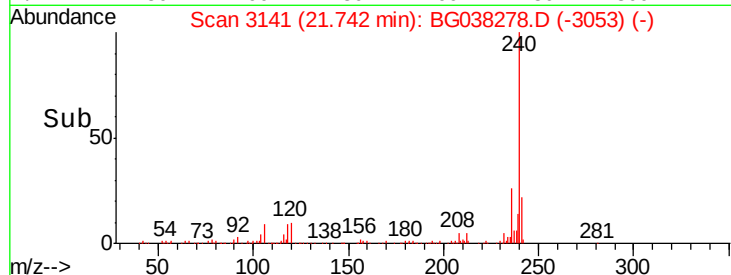
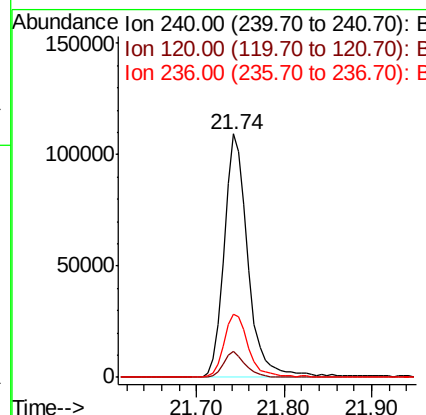
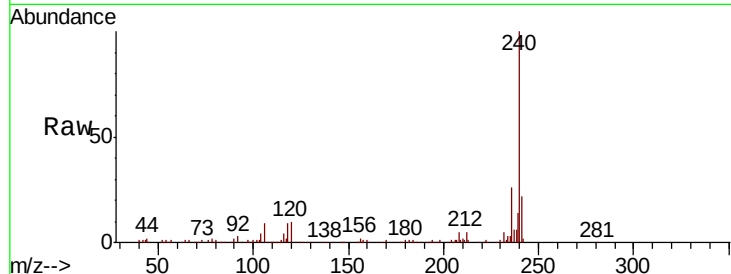




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG038278.D
Acq: 1 Dec 2018 5:11

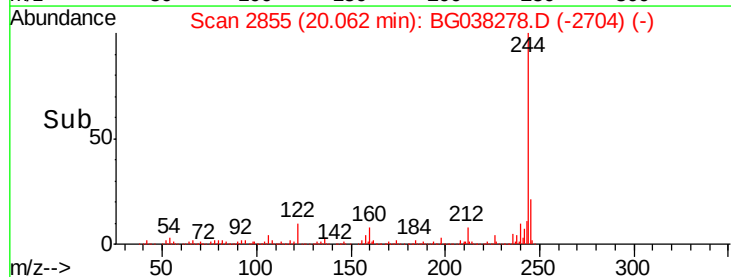
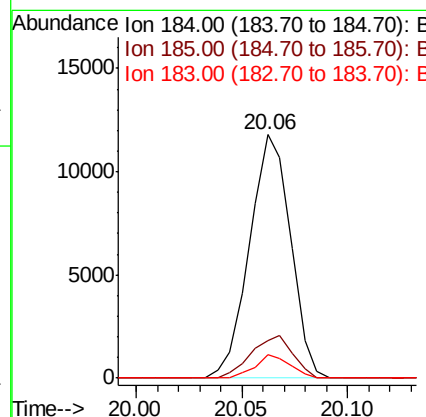
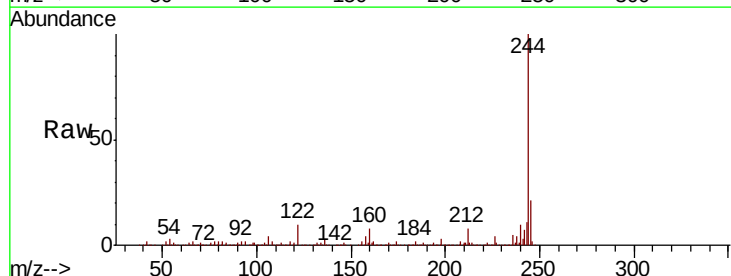
Instrument :
BNA_G
ClientSampleId :
112818-DBRI-F-U-S

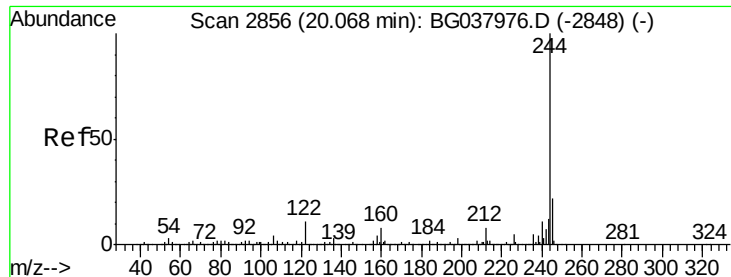
Tot Ion:240 Resp: 206311
Ion Ratio Lower Upper
240 100
120 10.5 8.1 12.1
236 25.8 21.4 32.0



#77
Benzidine
Concen: 2.199 ng
RT: 20.06 min Scan# 2855
Delta R.T. 0.36 min
Lab File: BG038278.D
Acq: 1 Dec 2018 5:11

Tgt Ion:184 Resp: 15916
Ion Ratio Lower Upper
184 100
185 15.4 12.6 18.8
183 9.6 10.2 15.2#





#79

Terphenyl-d14

Concen: 102.449 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG038278.D

Acq: 1 Dec 2018 5:11

Instrument :

BNA_G

ClientSampleId :

112818-DBRI-F-U-S

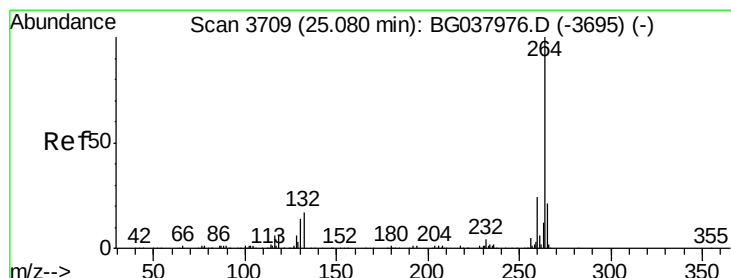
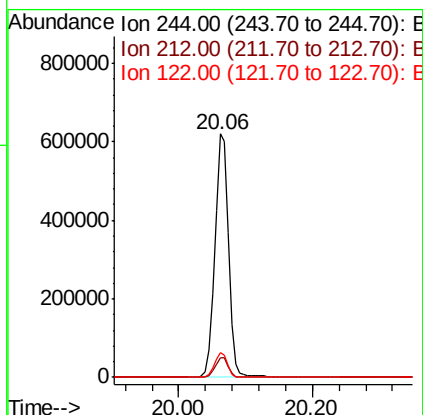
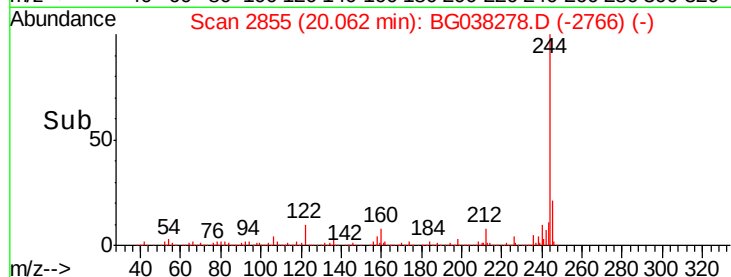
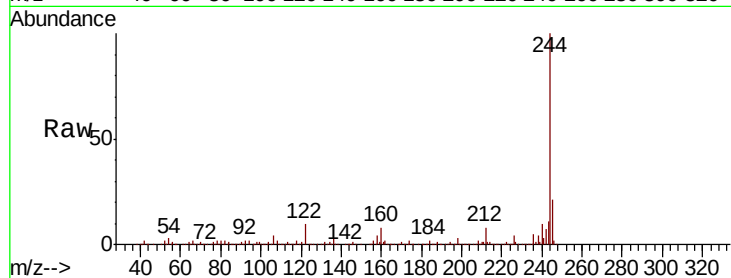
Tot Ion:244 Resp: 898269

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

122 10.0 9.0 13.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3707

Delta R.T. -0.01 min

Lab File: BG038278.D

Acq: 1 Dec 2018 5:11

Tgt Ion:264 Resp: 182021

Ion Ratio Lower Upper

264 100

260 25.0 18.2 27.4

265 23.1 17.9 26.9

