

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112818\
 Data File : BG038209.D
 Acq On : 28 Nov 2018 21:12
 Operator : JU/SJ
 Sample : J6069-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 112318-DBRI-F-D-M

Quant Time: Nov 29 04:31:51 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

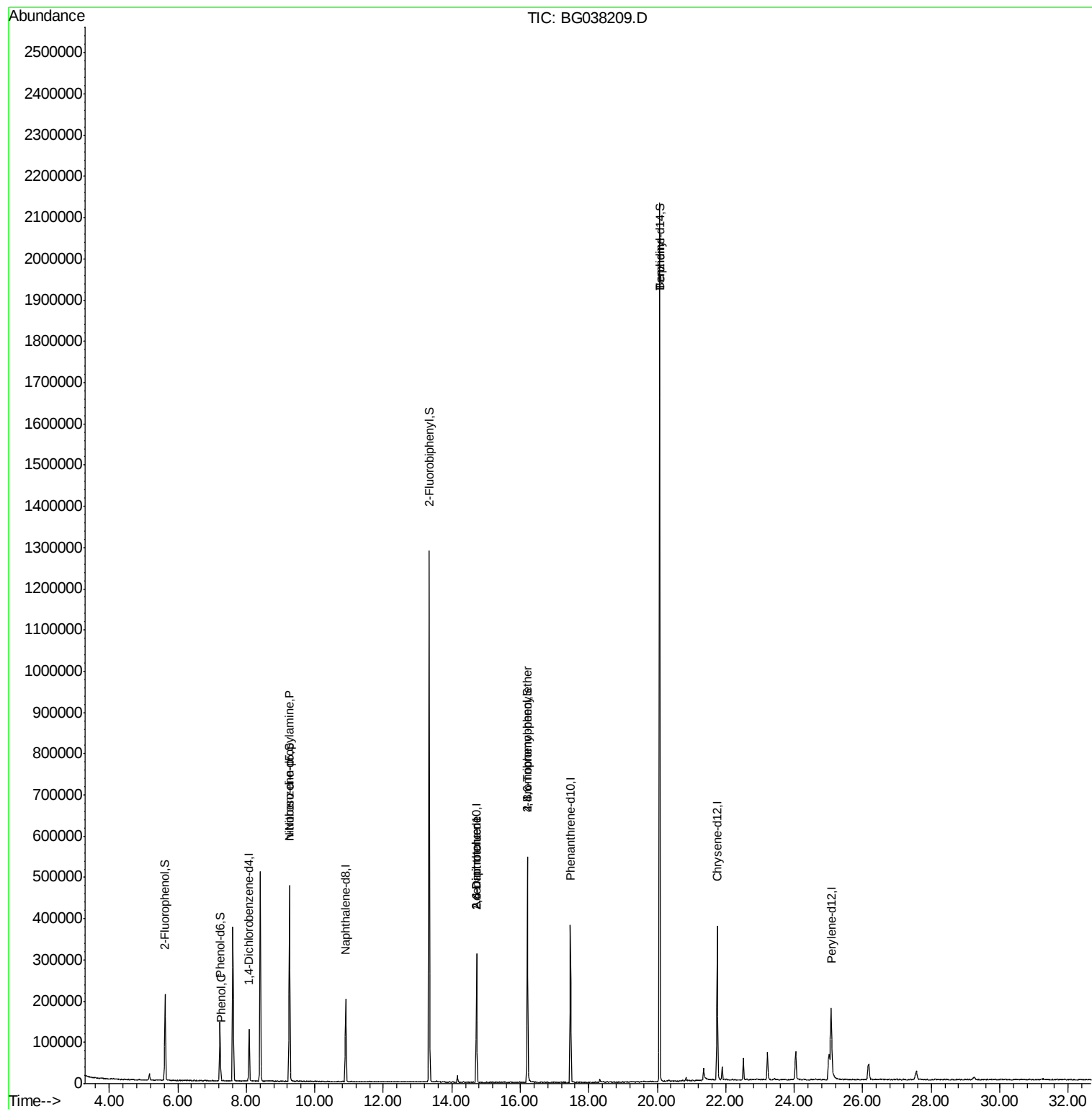
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	36732	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	172102	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	110258	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	246753	20.00	ng	0.00
76) Chrysene-d12	21.75	240	237918	20.00	ng	0.00
87) Perylene-d12	25.07	264	225404	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	94635	44.48	ng	0.00
7) Phenol-d6	7.23	99	85274	28.08	ng	0.00
23) Nitrobenzene-d5	9.26	82	300704	93.53	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	101667	80.85	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	671119	88.68	ng	0.00
79) Terphenyl-d14	20.07	244	980377	96.96	ng	0.00
Target Compounds						
10) Phenol	7.26	94	7244	2.252	ng	92
19) n-Nitroso-di-n-propylamine	9.26	70	38120	17.348	ng	# 74
51) 2,6-Dinitrotoluene	14.72	165	13682	6.916	ng	# 25
57) 2,4-Dinitrotoluene	14.72	165	13682	5.083	ng	# 24
67) 4-Bromophenyl-phenylether	16.21	248	6733	2.486	ng	# 1
77) Benzidine	20.07	184	17130	2.052	ng	# 92

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112818\
Data File : BG038209.D
Acq On : 28 Nov 2018 21:12
Operator : JU/SJ
Sample : J6069-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
112318-DBRI-F-D-M

Quant Time: Nov 29 04:31:51 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



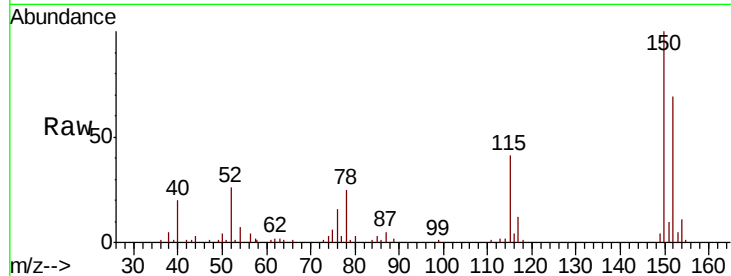


#1

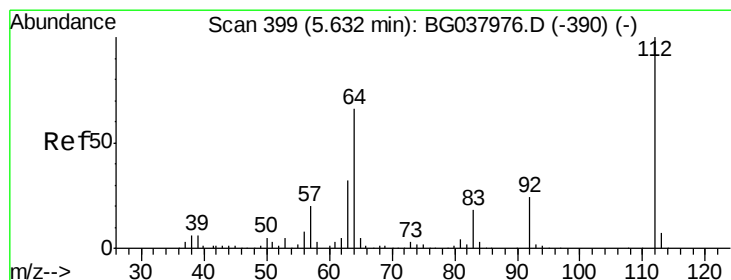
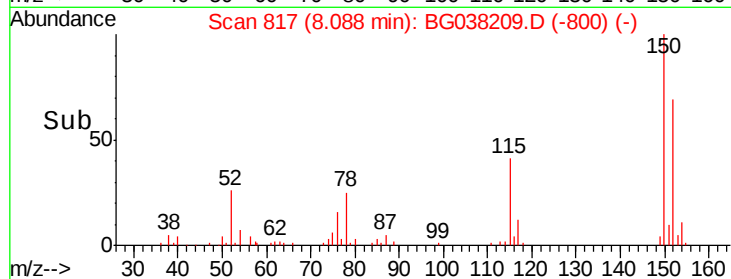
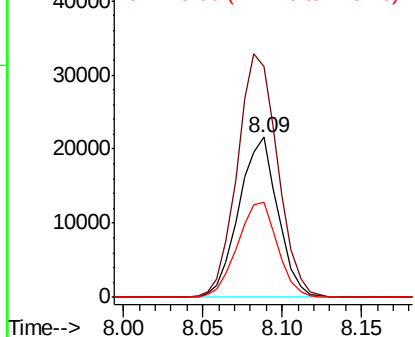
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BG038209.D
 Acq: 28 Nov 2018 21:12

Instrument :
 BNA_G
 ClientSampleId :
 112318-DBRI-F-D-M

Tgt Ion:152 Resp: 36732
 Ion Ratio Lower Upper
 152 100
 150 144.2 126.0 189.0
 115 59.1 45.5 68.3



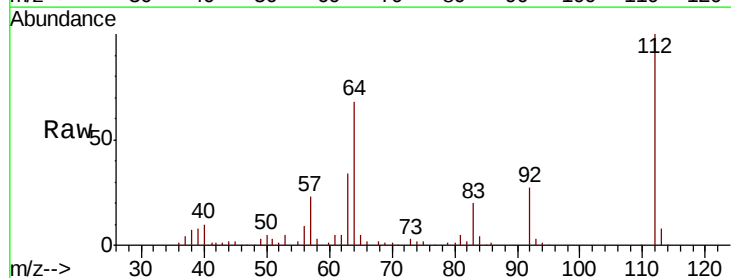
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



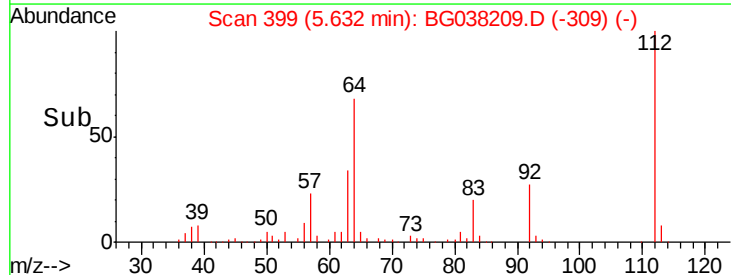
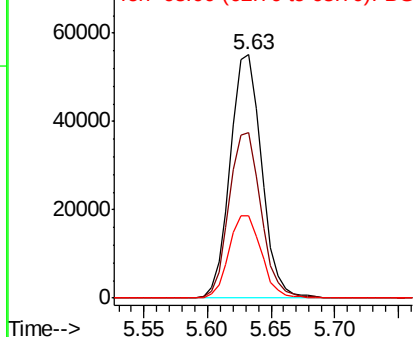
#5

2-Fluorophenol
 Concen: 44.483 ng
 RT: 5.63 min Scan# 399
 Delta R.T. 0.00 min
 Lab File: BG038209.D
 Acq: 28 Nov 2018 21:12

Tgt Ion:112 Resp: 94635
 Ion Ratio Lower Upper
 112 100
 64 68.0 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): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 28.080 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038209.D

Acq: 28 Nov 2018 21:12

Instrument :

BNA_G

ClientSampleId :

112318-DBRI-F-D-M

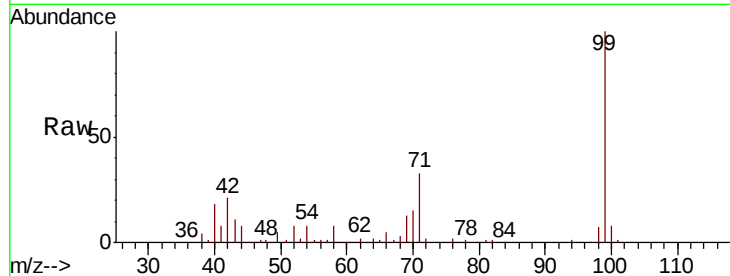
Tgt Ion: 99 Resp: 85274

Ion Ratio Lower Upper

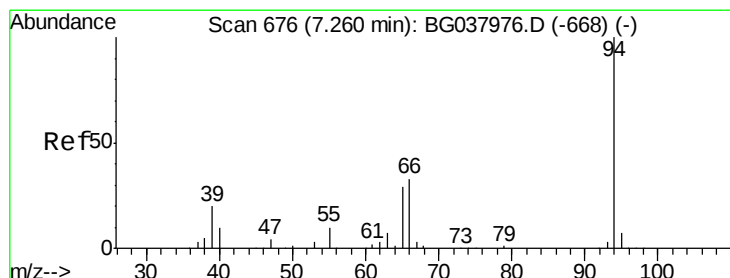
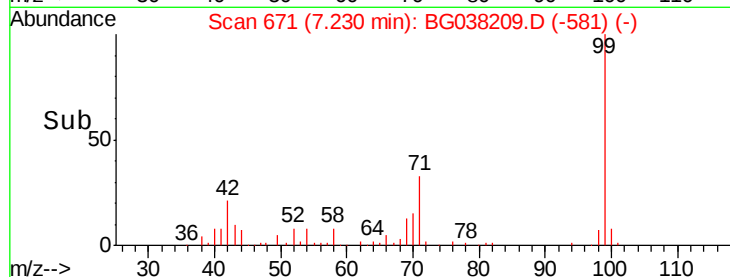
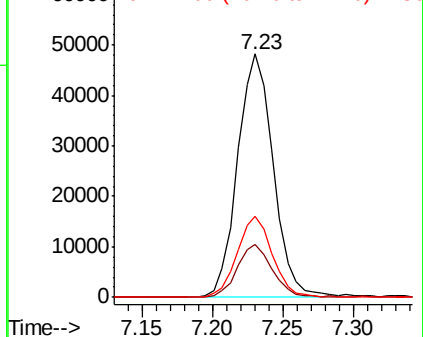
99 100

42 21.5 15.0 22.4

71 33.2 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: 2.252 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG038209.D

Acq: 28 Nov 2018 21:12

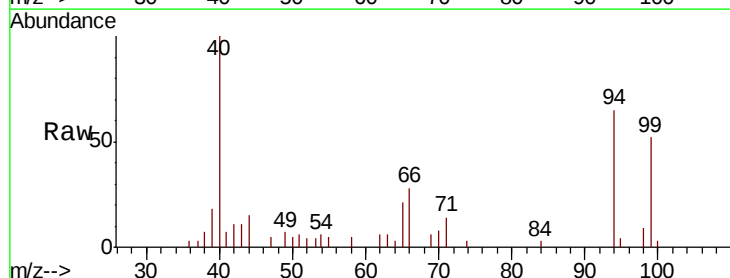
Tgt Ion: 94 Resp: 7244

Ion Ratio Lower Upper

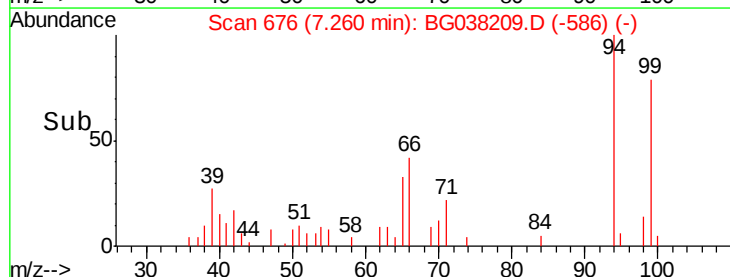
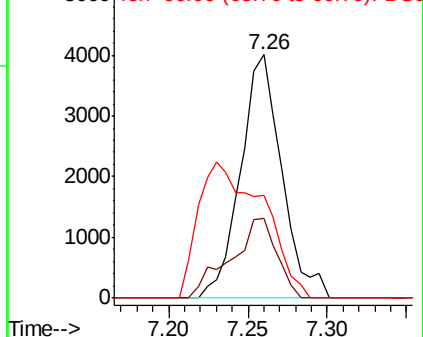
94 100

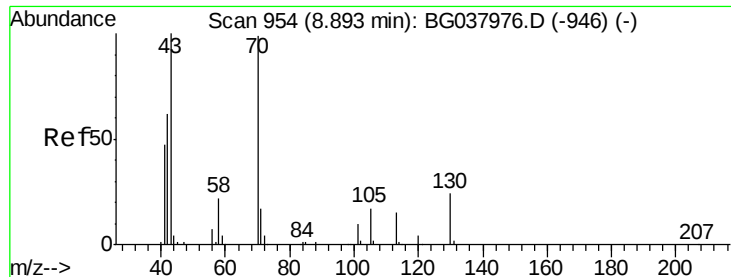
65 32.8 9.7 49.7

66 42.2 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

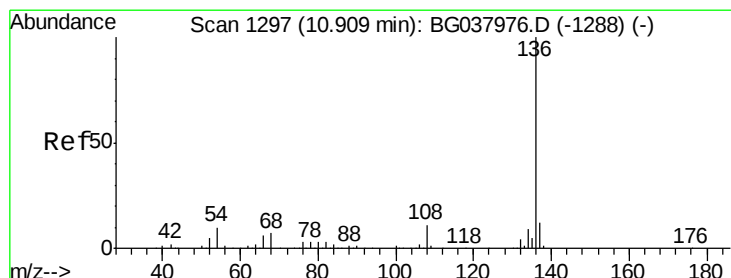
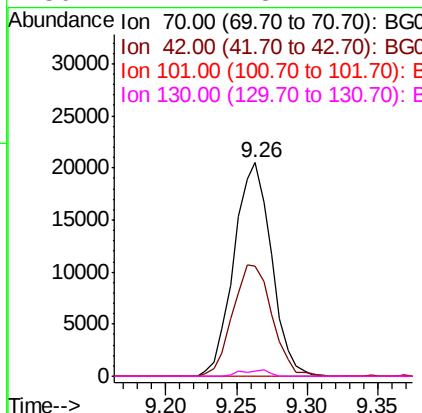
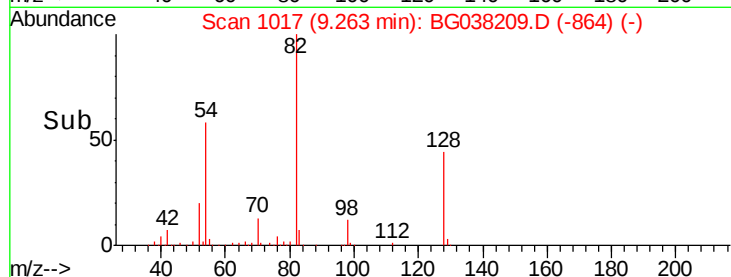
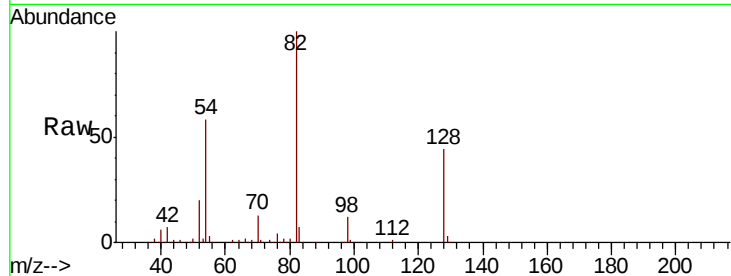




#19
n-Nitroso-di-n-propylamine
Concen: 17.348 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.37 min
Lab File: BG038209.D
Acq: 28 Nov 2018 21:12

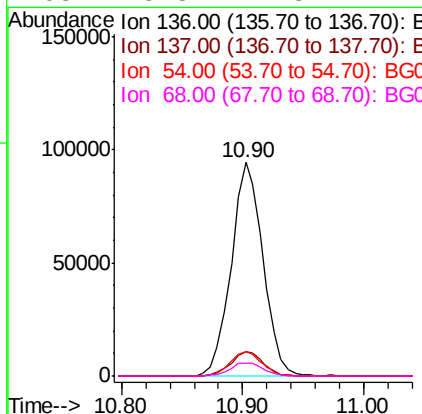
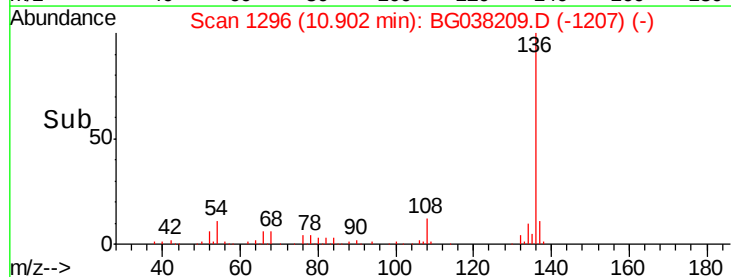
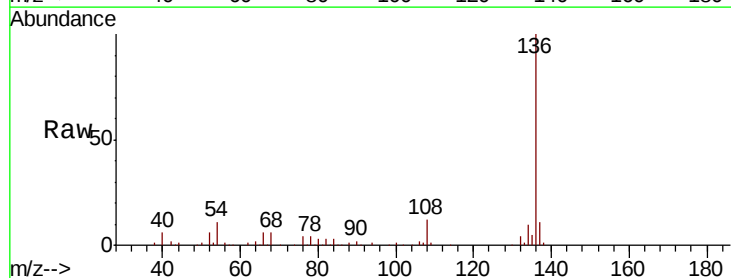
Instrument :
BNA_G
ClientSampleId :
112318-DBRI-F-D-M

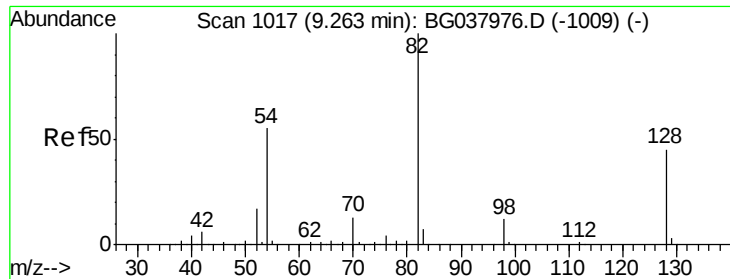
Tgt Ion: 70 Resp: 38120
Ion Ratio Lower Upper
70 100
42 51.5 53.9 80.9#
101 0.0 8.2 12.2#
130 2.2 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038209.D
Acq: 28 Nov 2018 21:12

Tgt Ion: 136 Resp: 172102
Ion Ratio Lower Upper
136 100
137 11.5 9.6 14.4
54 11.1 7.9 11.9
68 5.8 4.8 7.2

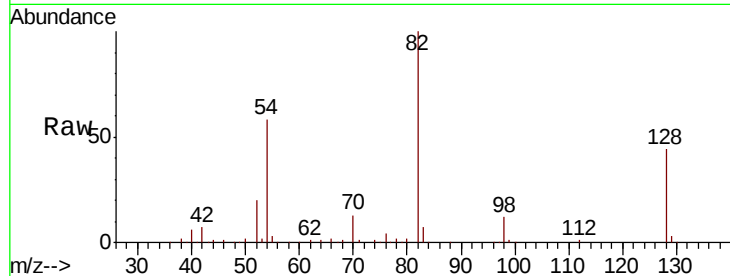




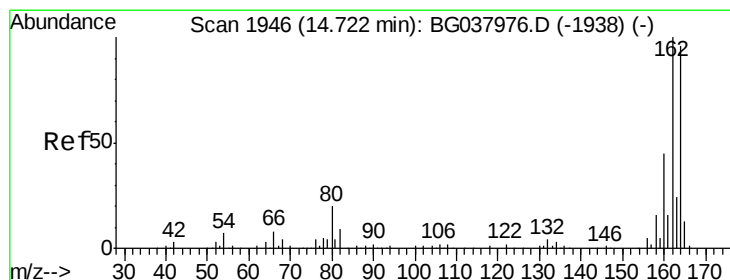
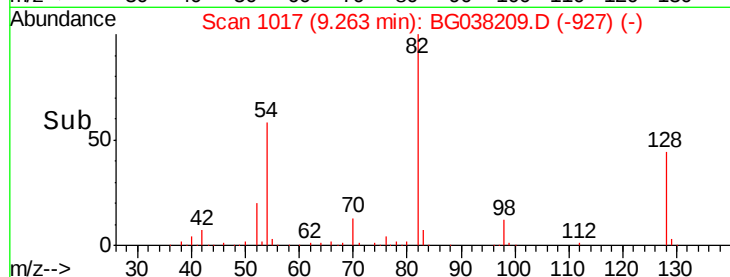
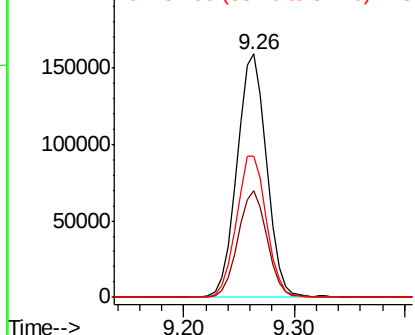
#23
 Nitrobenzene-d5
 Concen: 93.531 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BG038209.D
 Acq: 28 Nov 2018 21:12

Instrument :
 BNA_G
 ClientSampleId :
 112318-DBRI-F-D-M

Tgt Ion: 82 Resp: 300704
 Ion Ratio Lower Upper
 82 100
 128 43.8 34.6 51.8
 54 57.8 45.3 67.9

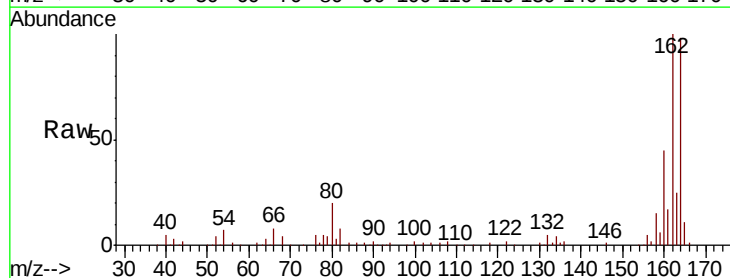


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

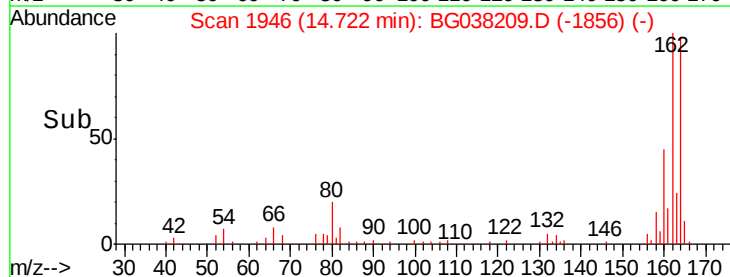
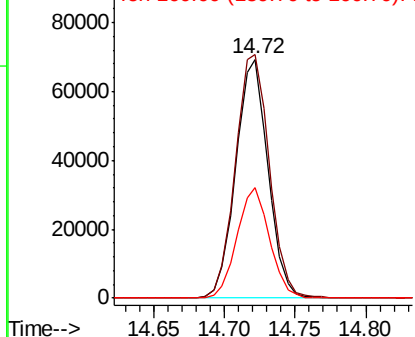


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.00 min
 Lab File: BG038209.D
 Acq: 28 Nov 2018 21:12

Tgt Ion: 164 Resp: 110258
 Ion Ratio Lower Upper
 164 100
 162 101.9 81.3 121.9
 160 46.0 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

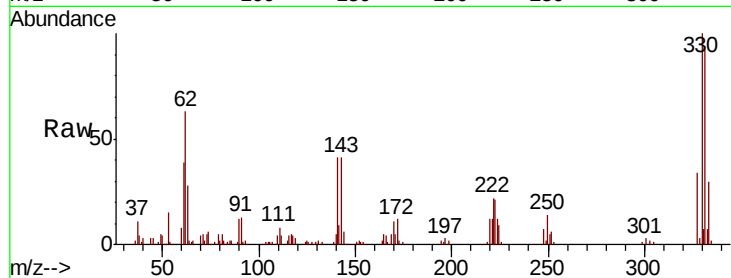




#42
 2,4,6-Tribromophenol
 Concen: 80.851 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG038209.D
 Acq: 28 Nov 2018 21:12

Instrument :
 BNA_G
 ClientSampleId :
 112318-DBRI-F-D-M

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.9	78.4	117.6
141	41.0	32.2	48.2

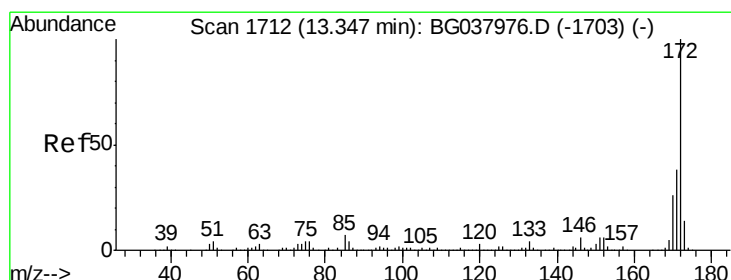
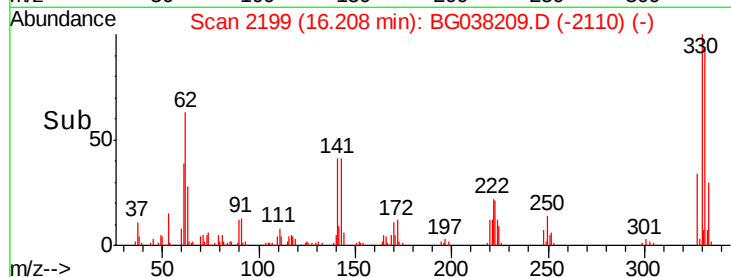
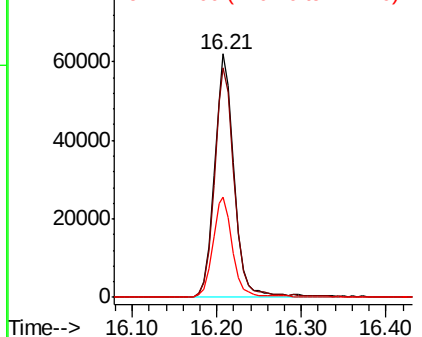


Abundance

Ion 329.80 (329.50 to 330.50): E

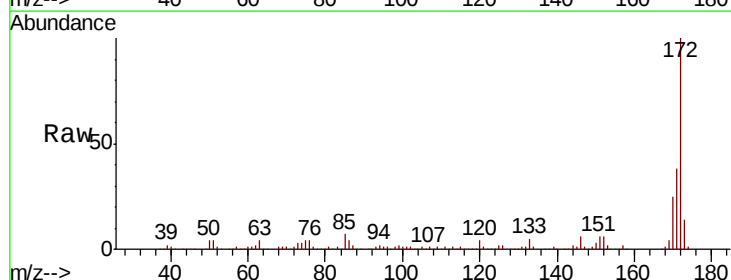
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 88.676 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038209.D
 Acq: 28 Nov 2018 21:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.0	46.4
170	25.1	20.2	30.2

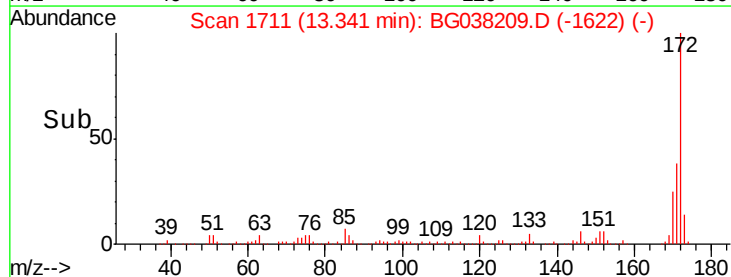
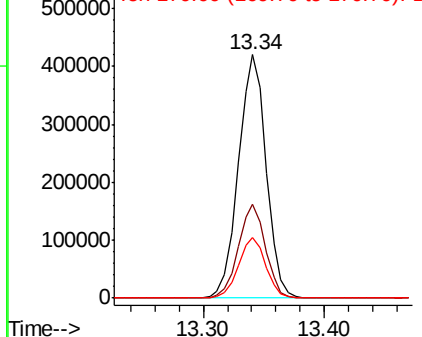


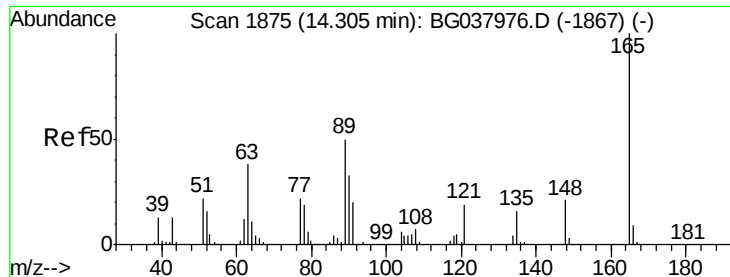
Abundance

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

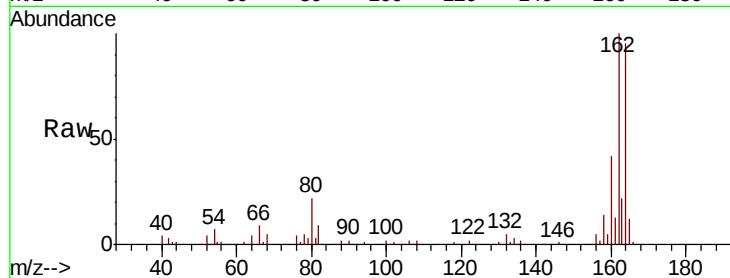




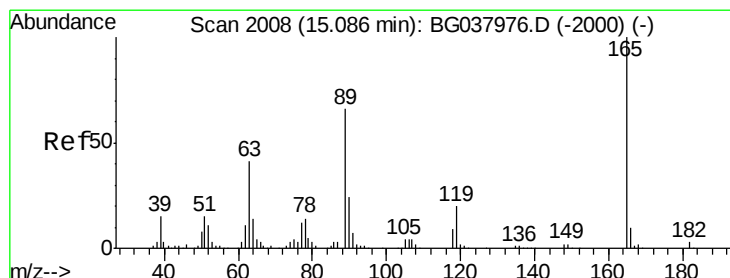
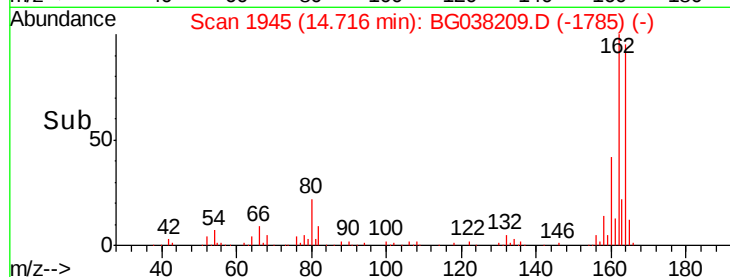
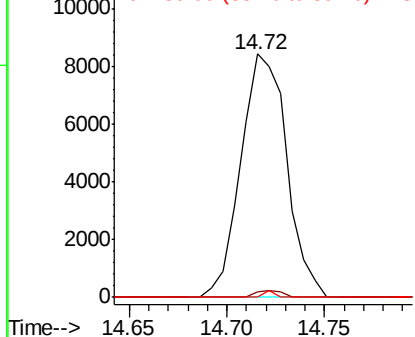
#51
 2,6-Dinitrotoluene
 Concen: 6.916 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. 0.41 min
 Lab File: BG038209.D
 Acq: 28 Nov 2018 21:12

Instrument :
 BNA_G
 ClientSampleId :
 112318-DBRI-F-D-M

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	43.4	65.2#
89	0.0	45.8	68.6#



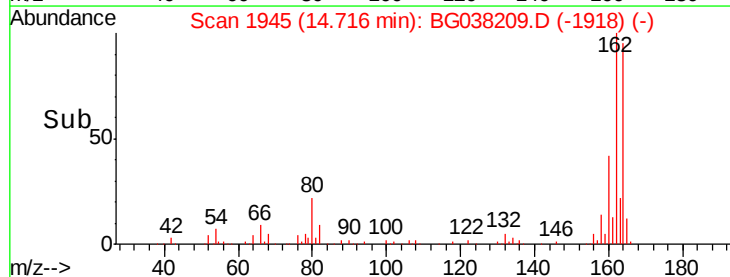
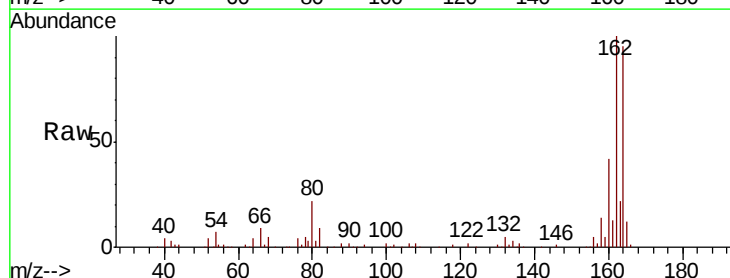
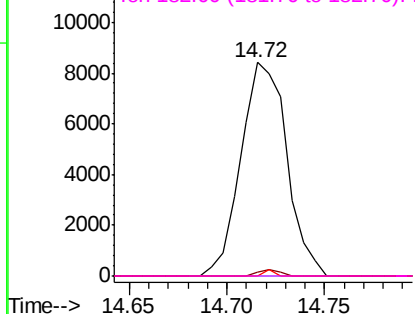
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC



#57
 2,4-Dinitrotoluene
 Concen: 5.083 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG038209.D
 Acq: 28 Nov 2018 21:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	33.4	50.0#
89	0.0	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

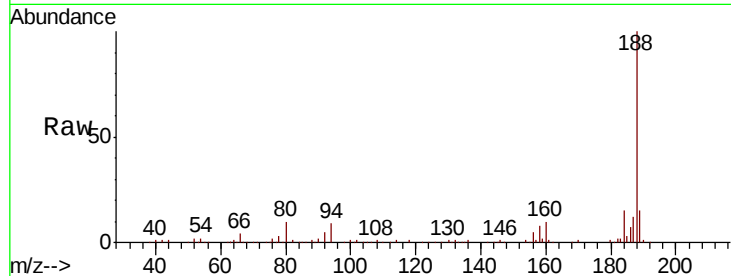




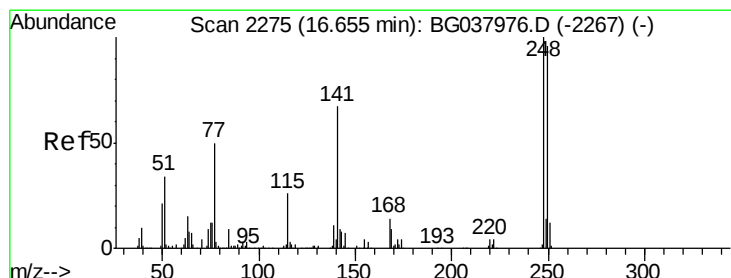
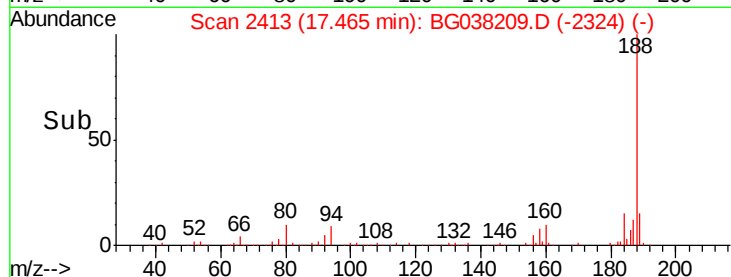
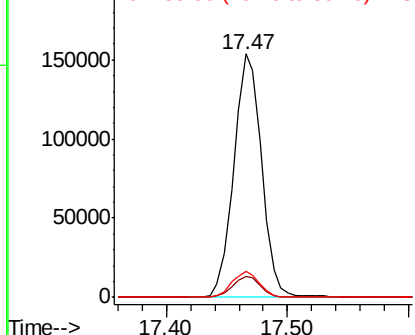
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG038209.D
Acq: 28 Nov 2018 21:12

Instrument :
BNA_G
ClientSampleId :
112318-DBRI-F-D-M

Tgt Ion:188 Resp: 246753
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 10.5 7.7 11.5

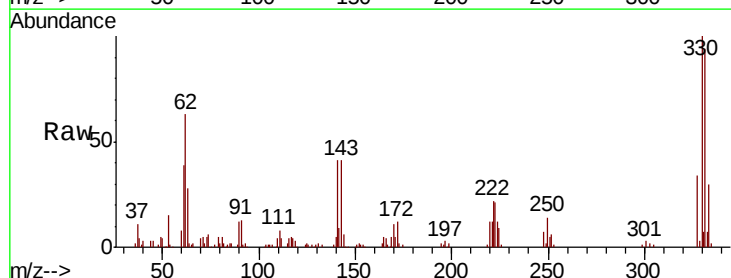


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

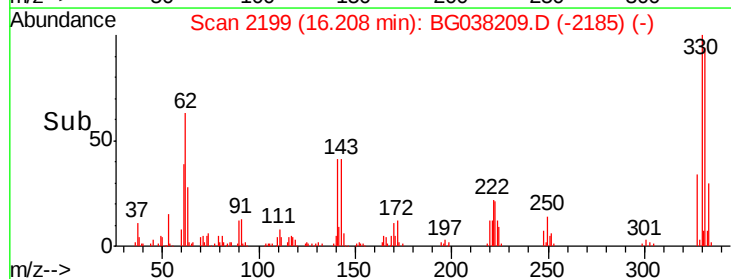
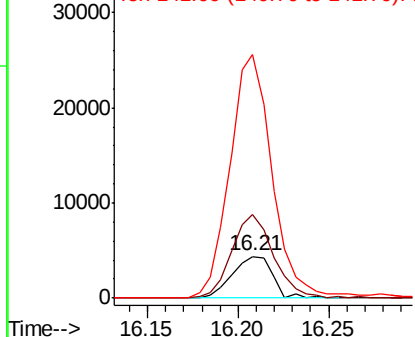


#67
4-Bromophenyl-phenylether
Concen: 2.486 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.45 min
Lab File: BG038209.D
Acq: 28 Nov 2018 21:12

Tgt Ion:248 Resp: 6733
Ion Ratio Lower Upper
248 100
250 204.6 77.0 115.6#
141 449.5 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

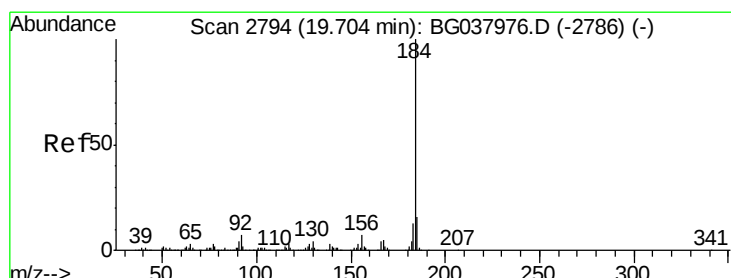
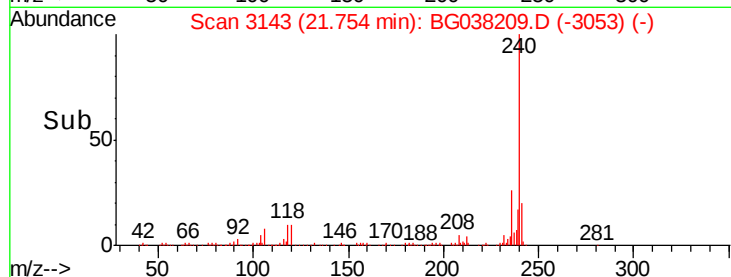
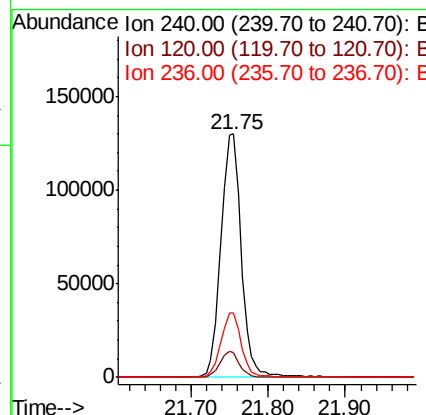
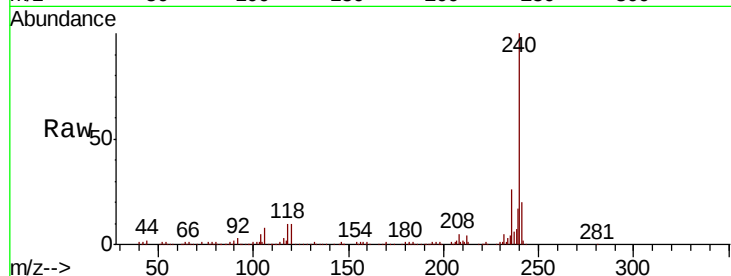




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BG038209.D
Acq: 28 Nov 2018 21:12

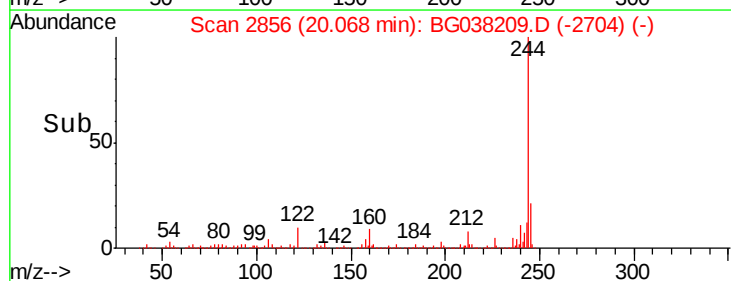
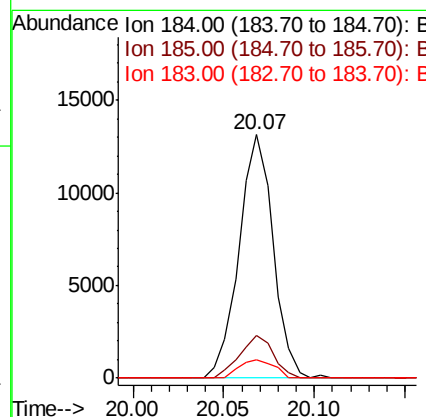
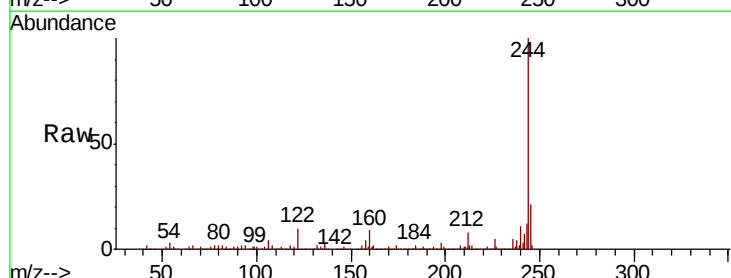
Instrument :
BNA_G
ClientSampleId :
112318-DBRI-F-D-M

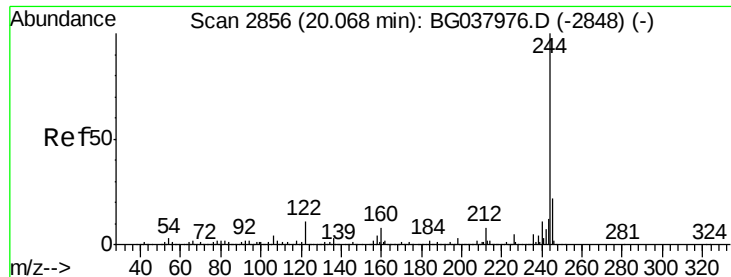
Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.1	12.1
236	26.5	21.4	32.0



#77
Benzidine
Concen: 2.052 ng
RT: 20.07 min Scan# 2856
Delta R.T. 0.36 min
Lab File: BG038209.D
Acq: 28 Nov 2018 21:12

Tgt Ion	Ratio	Lower	Upper
184	100		
185	17.4	12.6	18.8
183	7.6	10.2	15.2#





#79

Terphenyl-d14

Concen: 96.959 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038209.D

Acq: 28 Nov 2018 21:12

Instrument :

BNA_G

ClientSampleId :

112318-DBRI-F-D-M

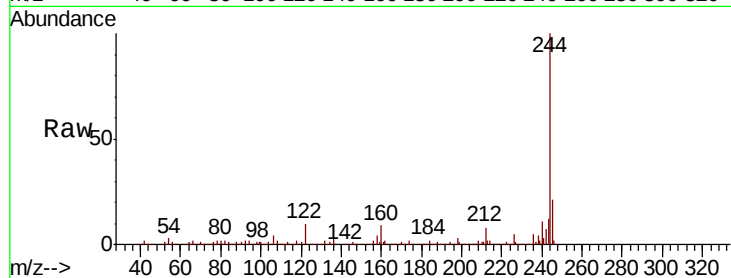
Tgt Ion:244 Resp: 980377

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

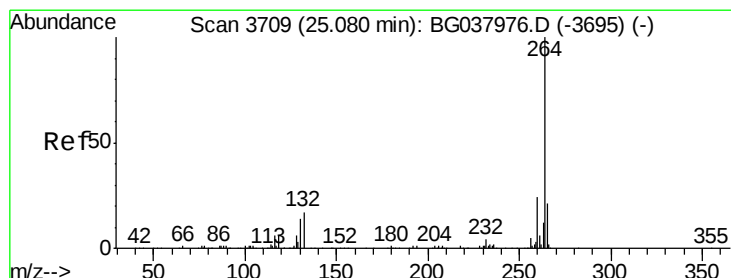
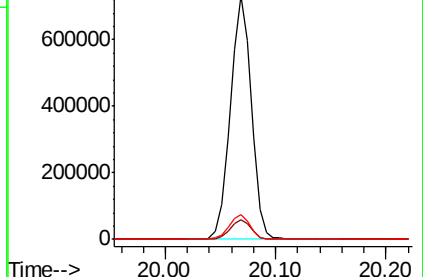
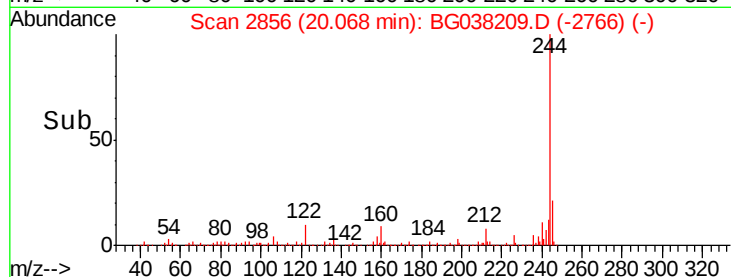
122 10.1 9.0 13.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BG038209.D

Acq: 28 Nov 2018 21:12

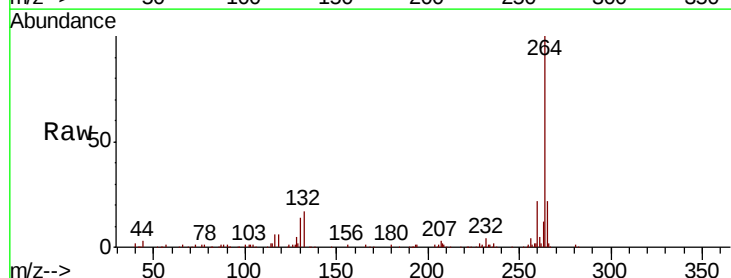
Tgt Ion:264 Resp: 225404

Ion Ratio Lower Upper

264 100

260 22.1 18.2 27.4

265 21.6 17.9 26.9



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

