

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112818\
 Data File : BG038210.D
 Acq On : 28 Nov 2018 21:51
 Operator : JU/SJ
 Sample : J6069-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Nov 29 04:32:00 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

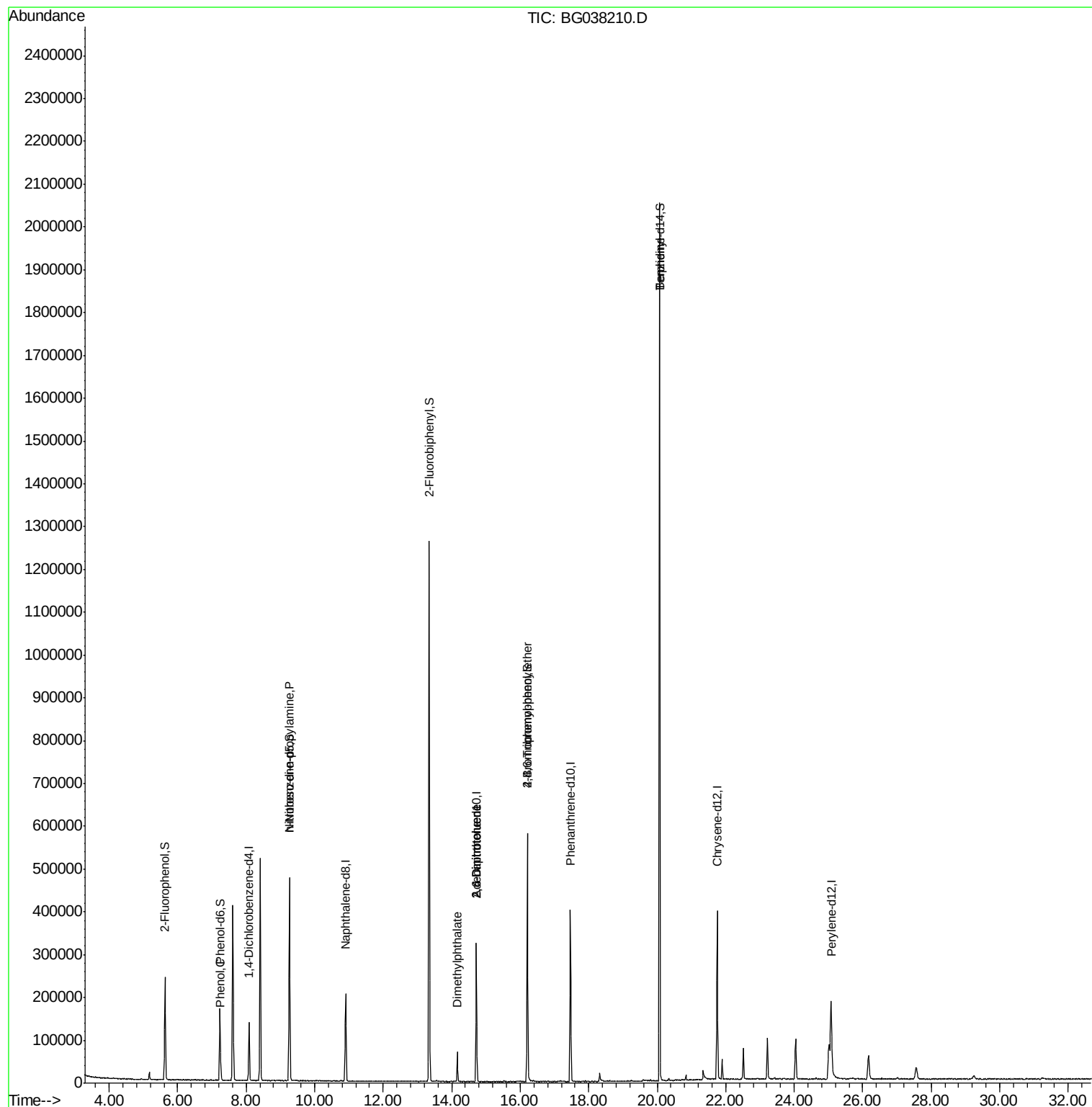
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	38602	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	180678	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	116014	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	258951	20.00	ng	0.00
76) Chrysene-d12	21.75	240	247856	20.00	ng	0.00
87) Perylene-d12	25.08	264	237781	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	109113	48.80	ng	0.00
7) Phenol-d6	7.23	99	99254	31.10	ng	0.00
23) Nitrobenzene-d5	9.26	82	302156	89.52	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	108762	82.20	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	683442	85.82	ng	0.00
79) Terphenyl-d14	20.07	244	979946	93.03	ng	0.00
Target Compounds						
10) Phenol	7.26	94	16163	4.781	ng	95
19) n-Nitroso-di-n-propylamine	9.26	70	39269	17.005	ng	# 72
50) Dimethylphthalate	14.17	163	49171	5.346	ng	98
51) 2,6-Dinitrotoluene	14.72	165	14858	7.138	ng	# 26
57) 2,4-Dinitrotoluene	14.72	165	14858	5.246	ng	# 26
67) 4-Bromophenyl-phenylether	16.20	248	7676	2.701	ng	# 1
77) Benzidine	20.07	184	18115	2.083	ng	# 94

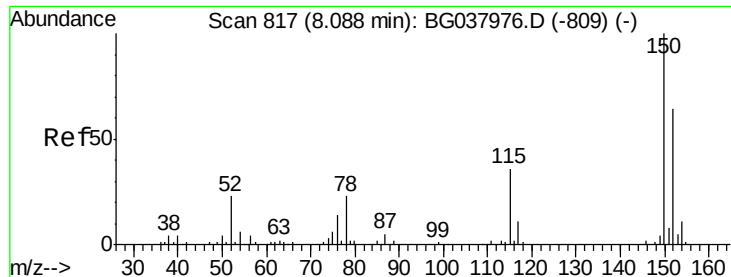
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112818\
Data File : BG038210.D
Acq On : 28 Nov 2018 21:51
Operator : JU/SJ
Sample : J6069-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Nov 29 04:32:00 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



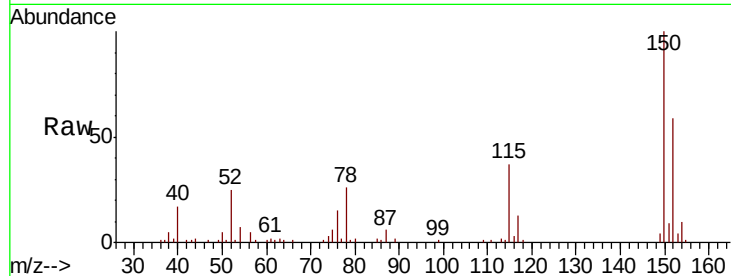


#1

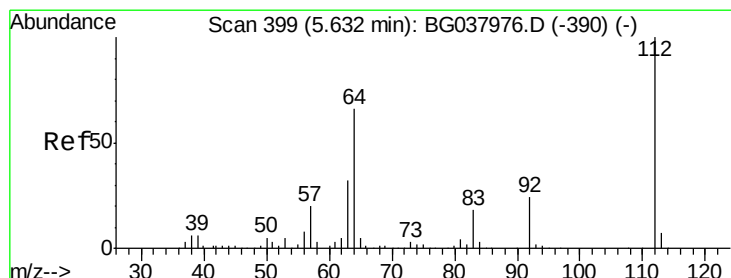
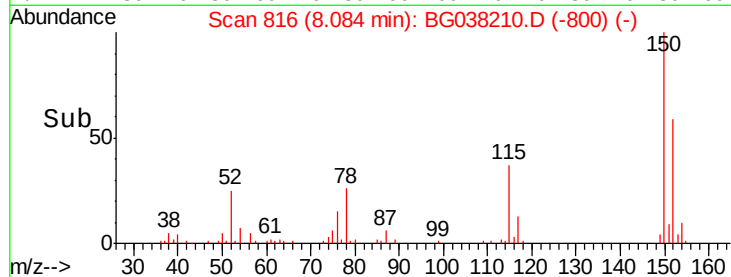
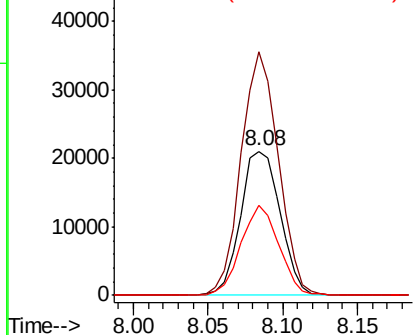
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038210.D
Acq: 28 Nov 2018 21:51

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

Tgt Ion:152 Resp: 38602
Ion Ratio Lower Upper
152 100
150 168.7 126.0 189.0
115 62.0 45.5 68.3



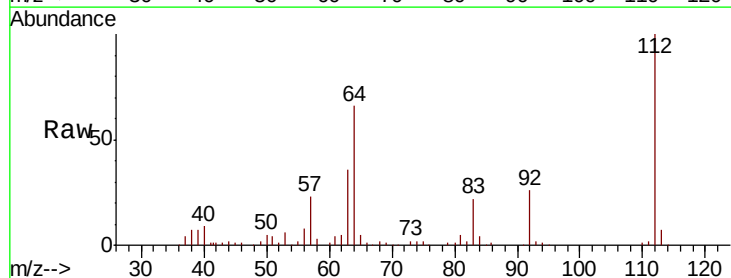
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



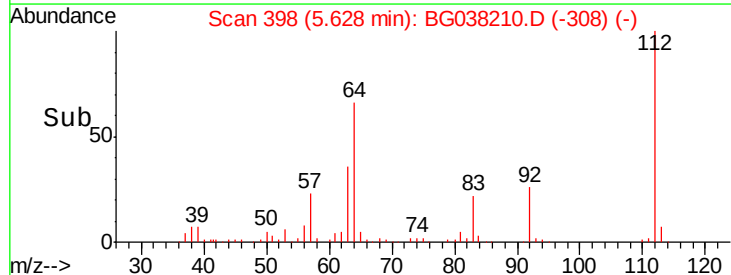
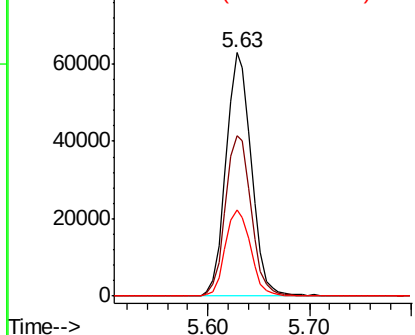
#5

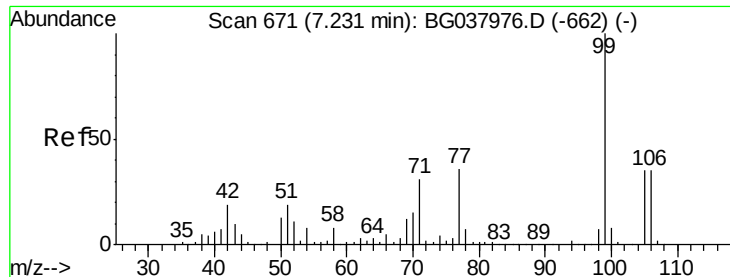
2-Fluorophenol
Concen: 48.803 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.00 min
Lab File: BG038210.D
Acq: 28 Nov 2018 21:51

Tgt Ion:112 Resp: 109113
Ion Ratio Lower Upper
112 100
64 65.8 53.1 79.7
63 35.6 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: 31.100 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038210.D

Acq: 28 Nov 2018 21:51

Instrument :

BNA_G

ClientSampleId :

112318-DBRI-F-D-S

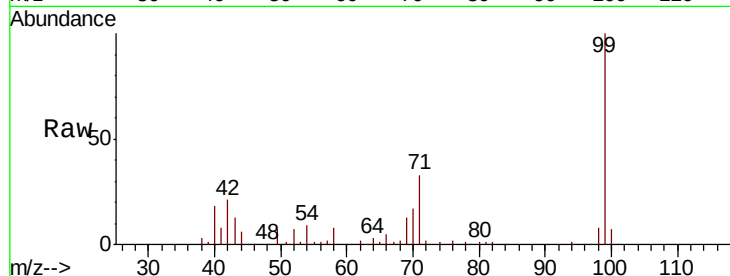
Tgt Ion: 99 Resp: 99254

Ion Ratio Lower Upper

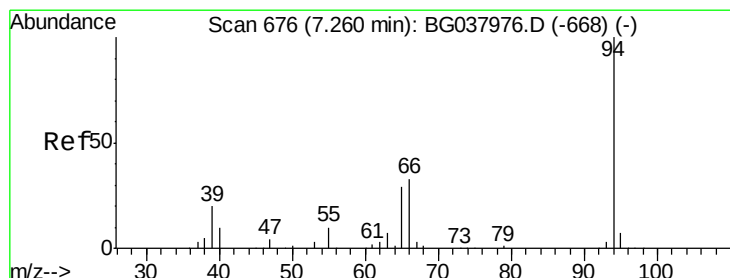
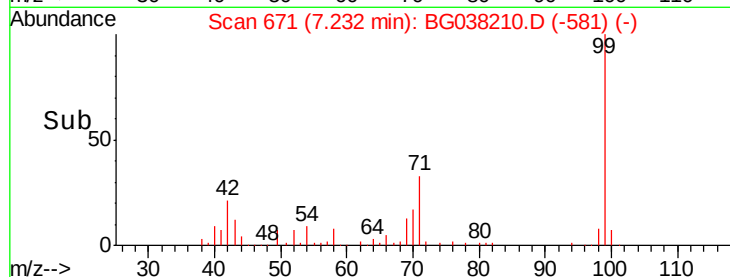
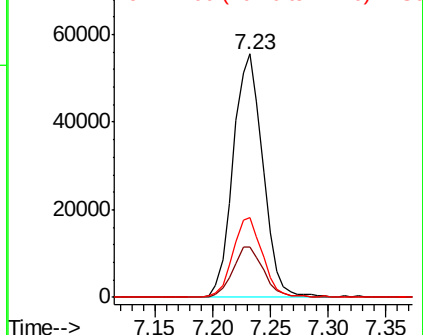
99 100

42 20.7 15.0 22.4

71 32.7 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: 4.781 ng

RT: 7.26 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG038210.D

Acq: 28 Nov 2018 21:51

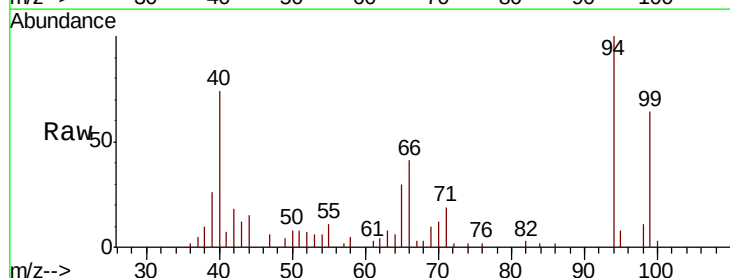
Tgt Ion: 94 Resp: 16163

Ion Ratio Lower Upper

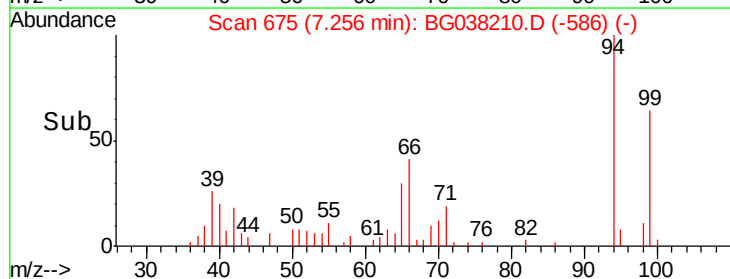
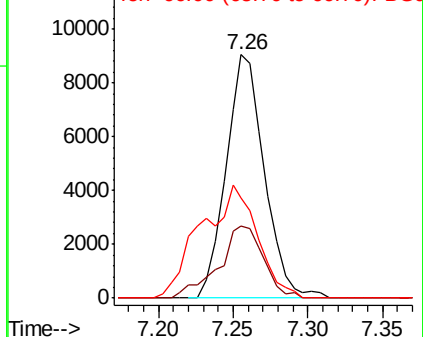
94 100

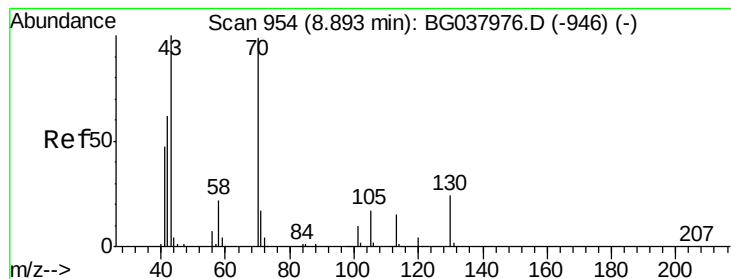
65 29.7 9.7 49.7

66 41.3 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: 17.005 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.37 min

Lab File: BG038210.D

Acq: 28 Nov 2018 21:51

Instrument :

BNA_G

ClientSampleId :

112318-DBRI-F-D-S

Tgt Ion: 70 Resp: 39269

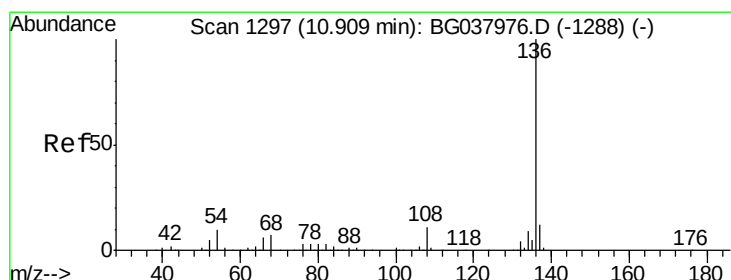
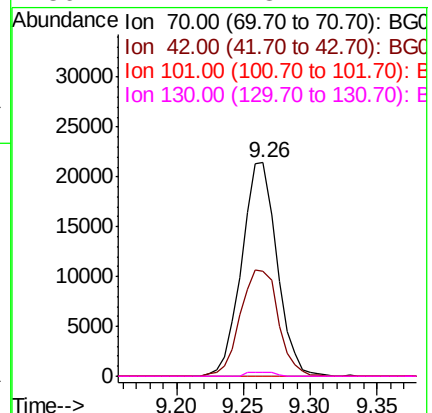
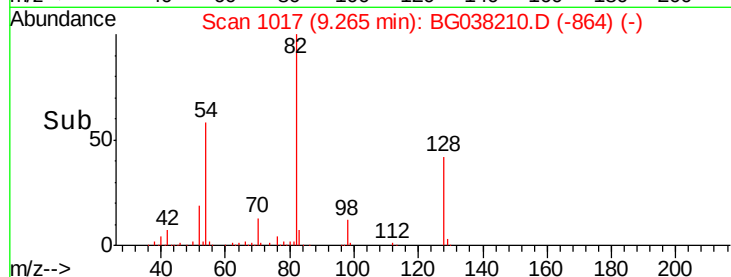
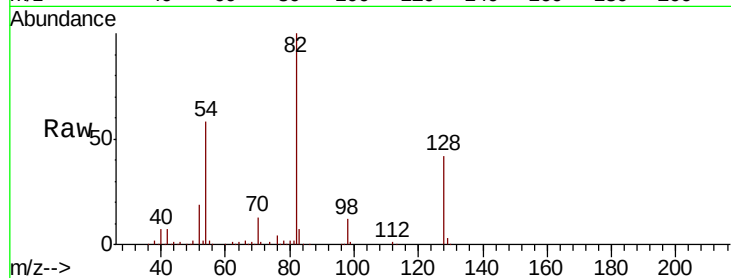
Ion Ratio Lower Upper

70 100

42 48.9 53.9 80.9#

101 0.0 8.2 12.2#

130 1.7 18.2 27.4#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BG038210.D

Acq: 28 Nov 2018 21:51

Tgt Ion: 136 Resp: 180678

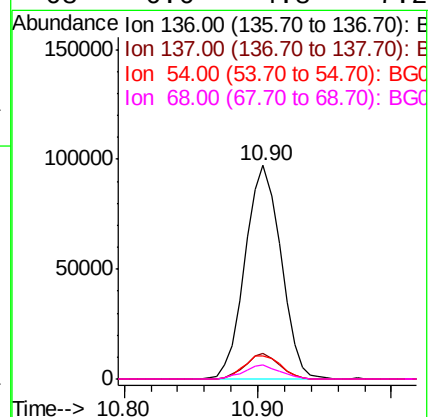
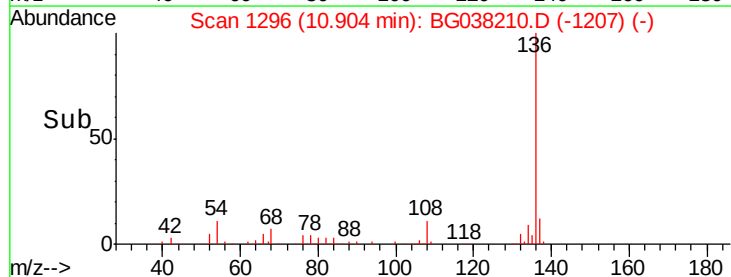
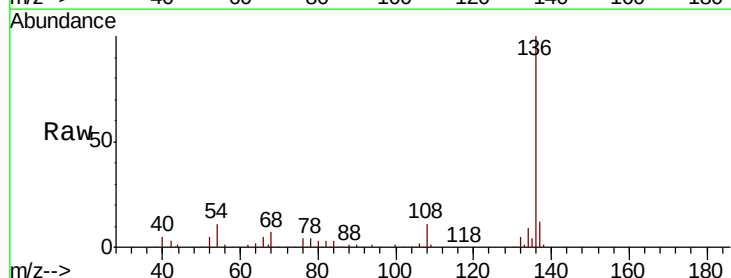
Ion Ratio Lower Upper

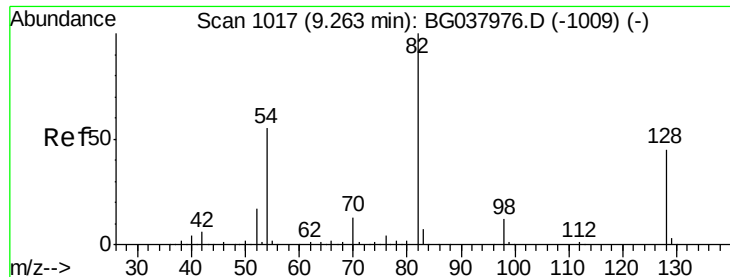
136 100

137 11.8 9.6 14.4

54 11.1 7.9 11.9

68 6.6 4.8 7.2

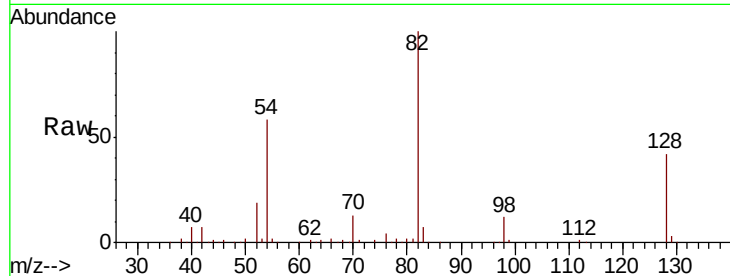




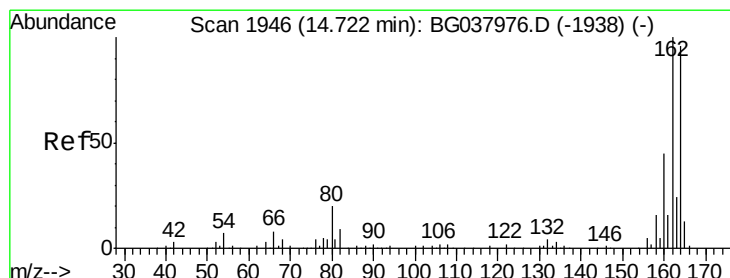
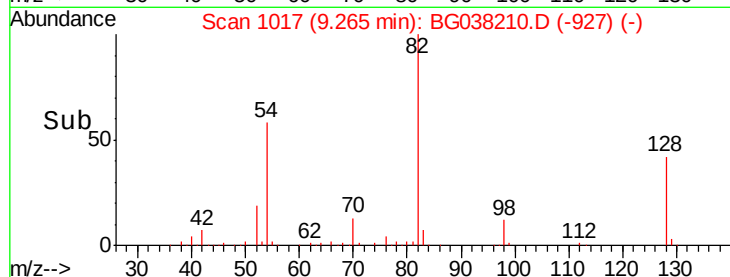
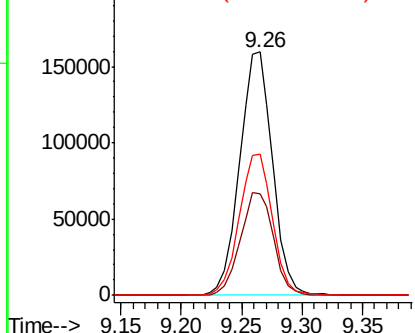
#23
Nitrobenzene-d5
Concen: 89.521 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038210.D
Acq: 28 Nov 2018 21:51

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

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.5	34.6	51.8
54	58.3	45.3	67.9

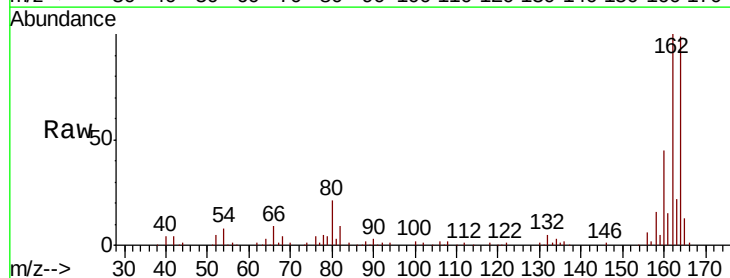


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

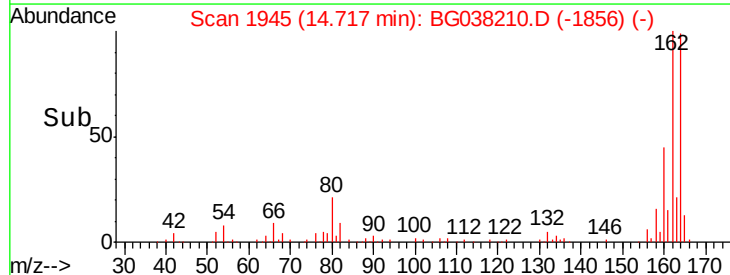
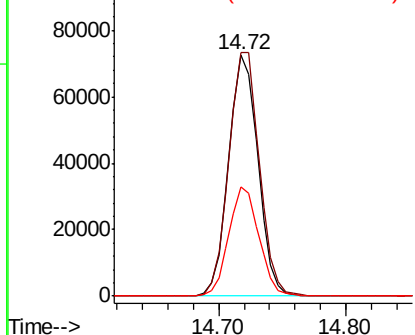


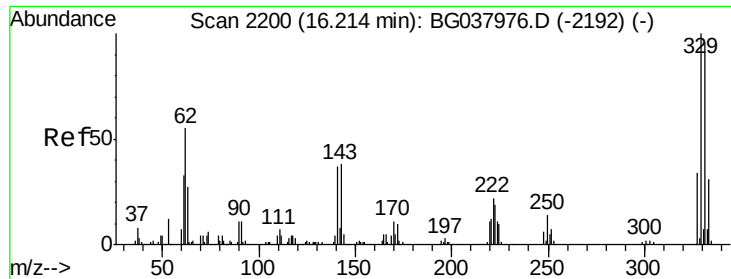
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG038210.D
Acq: 28 Nov 2018 21:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.3	121.9
160	45.2	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

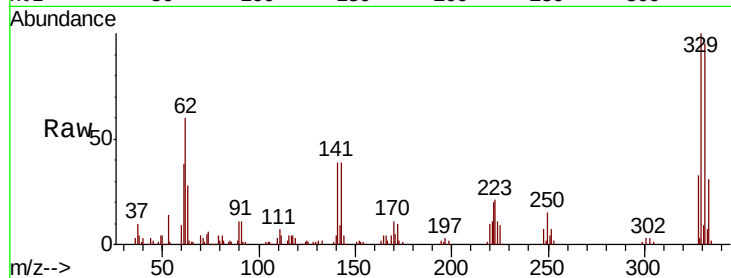




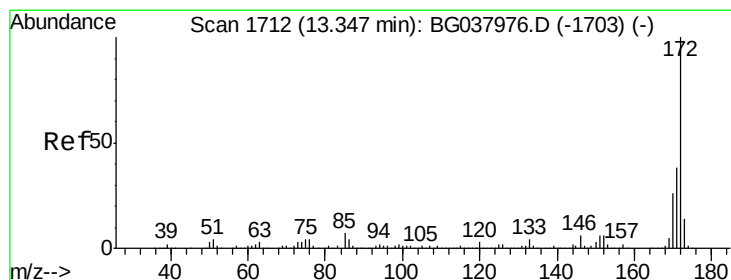
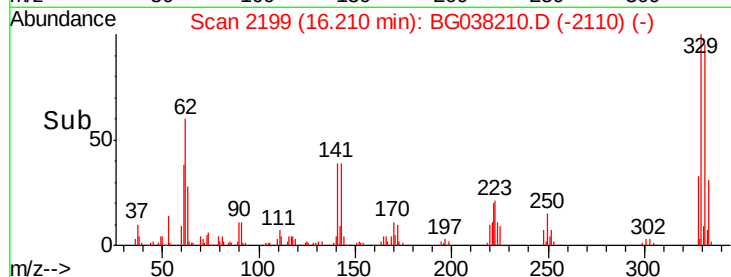
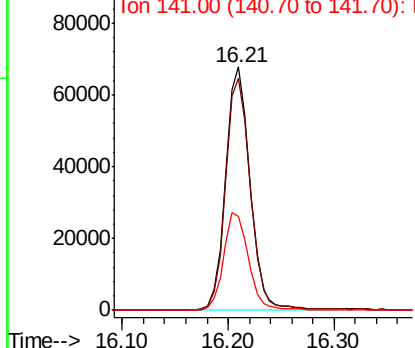
#42
 2,4,6-Tribromophenol
 Concen: 82.202 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: BG038210.D
 Acq: 28 Nov 2018 21:51

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.4	117.6
141	41.1	32.2	48.2

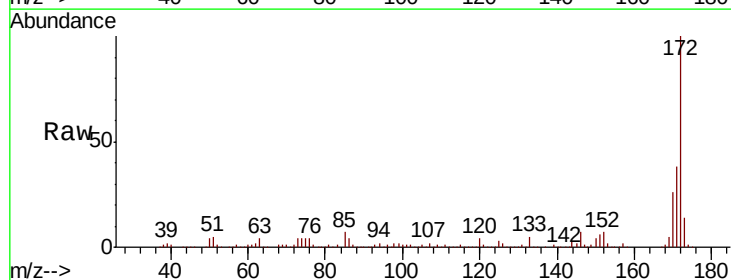


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

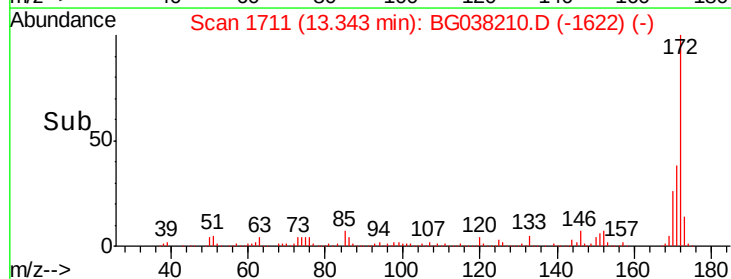
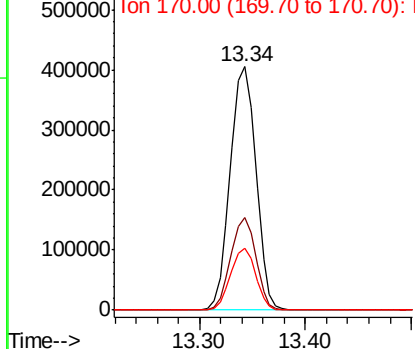


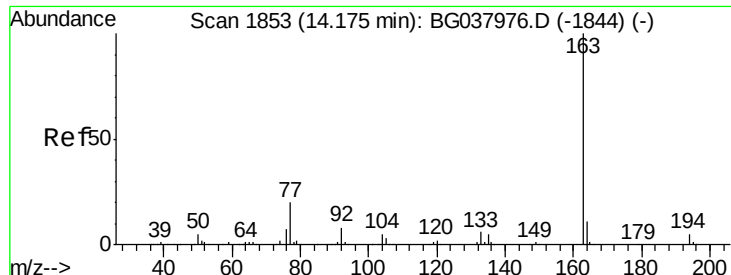
#45
 2-Fluorobiphenyl
 Concen: 85.824 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG038210.D
 Acq: 28 Nov 2018 21:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.0	46.4
170	25.6	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





#50

Dimethylphthalate

Concen: 5.346 ng

RT: 14.17 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG038210.D

Acq: 28 Nov 2018 21:51

Instrument :

BNA_G

ClientSampleId :

112318-DBRI-F-D-S

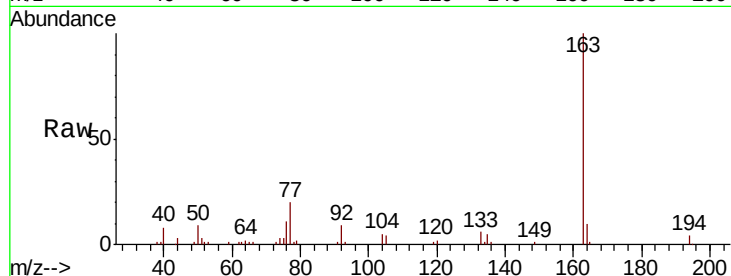
Tgt Ion:163 Resp: 49171

Ion Ratio Lower Upper

163 100

194 3.6 3.5 5.3

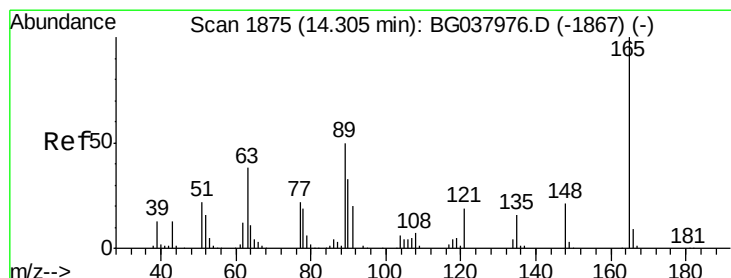
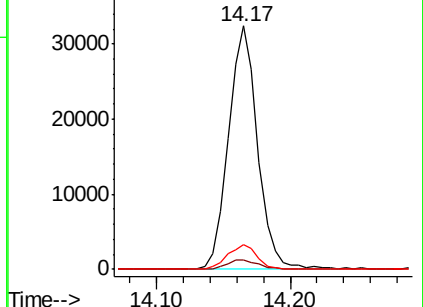
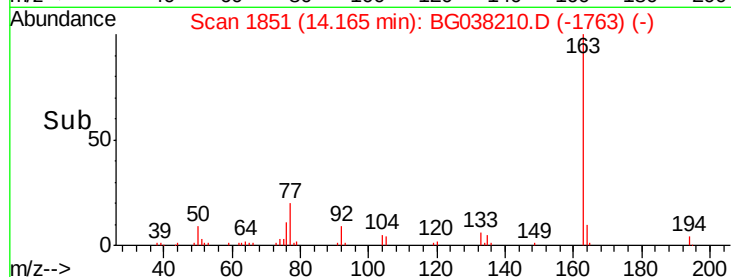
164 10.0 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 7.138 ng

RT: 14.72 min Scan# 1945

Delta R.T. 0.41 min

Lab File: BG038210.D

Acq: 28 Nov 2018 21:51

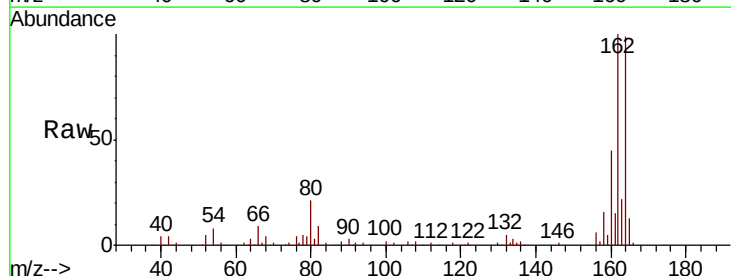
Tgt Ion:165 Resp: 14858

Ion Ratio Lower Upper

165 100

63 2.4 43.4 65.2#

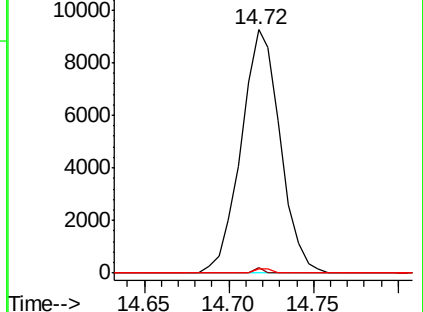
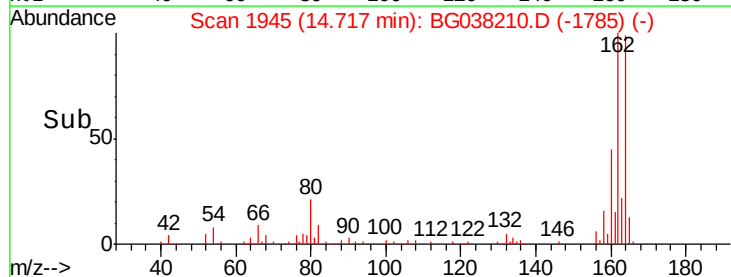
89 1.7 45.8 68.6#

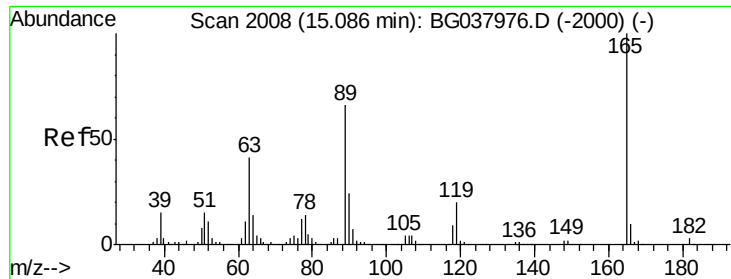


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0

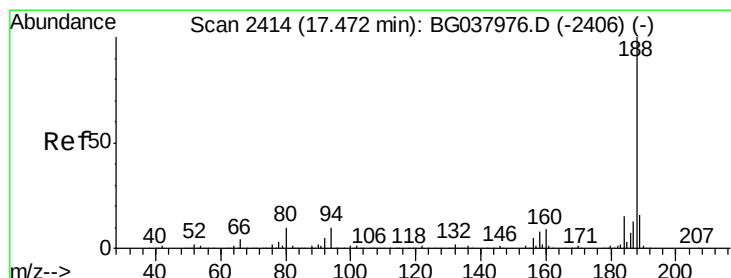
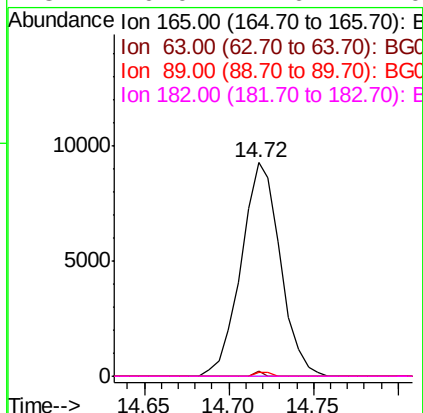
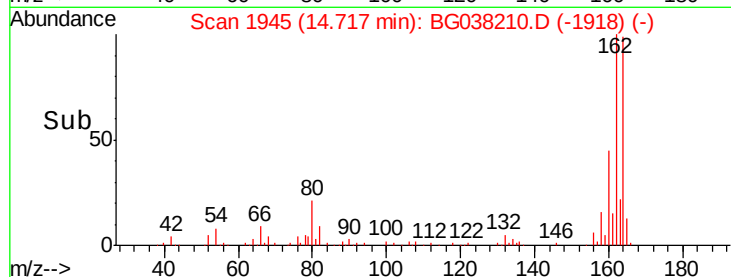
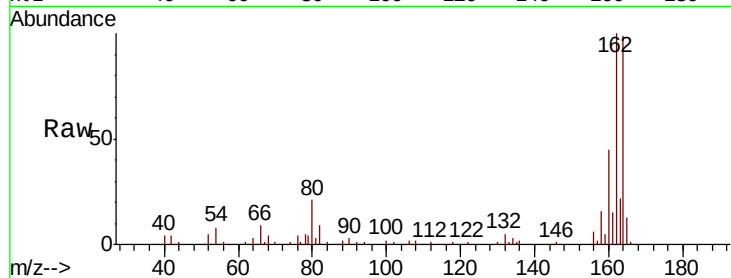




#57
 2,4-Dinitrotoluene
 Concen: 5.246 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG038210.D
 Acq: 28 Nov 2018 21:51

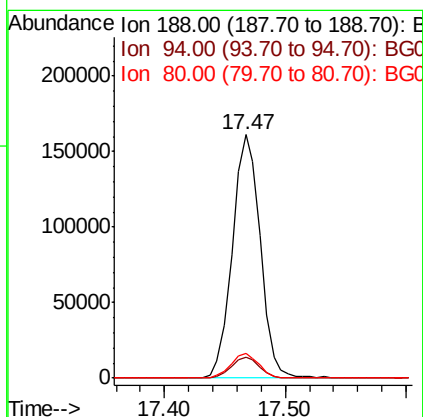
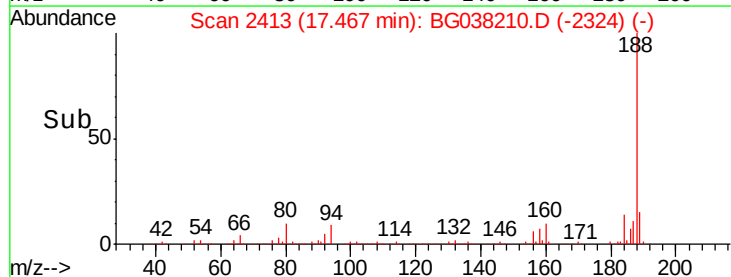
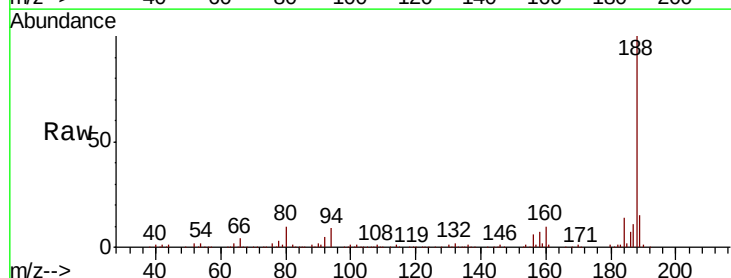
Instrument :
 BNA_G
 ClientSampleId :
 112318-DBRI-F-D-S

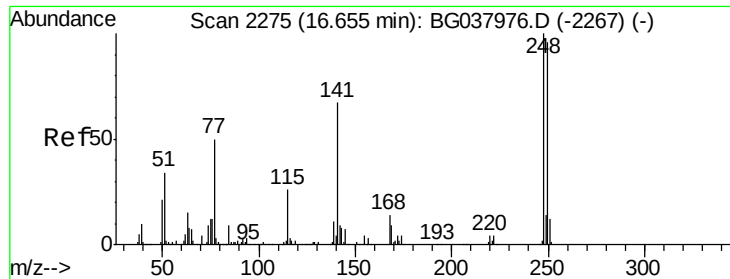
Tgt Ion:	165	Resp:	14858
Ion	Ratio	Lower	Upper
165	100		
63	2.4	33.4	50.0#
89	1.7	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BG038210.D
 Acq: 28 Nov 2018 21:51

Tgt Ion:	188	Resp:	258951
Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	10.1	7.7	11.5

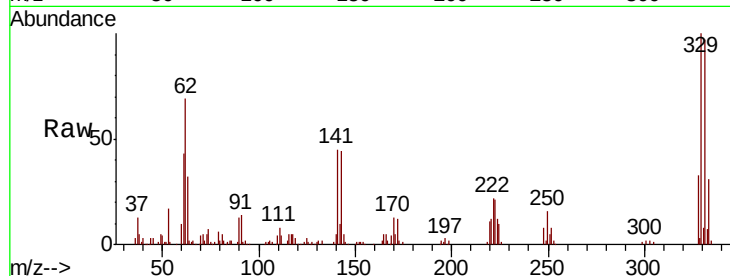




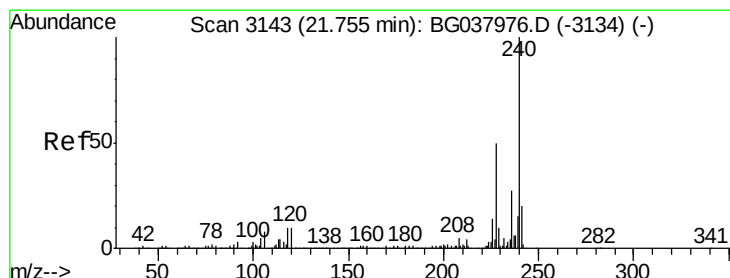
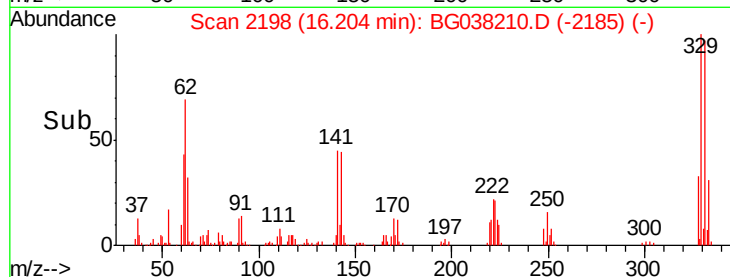
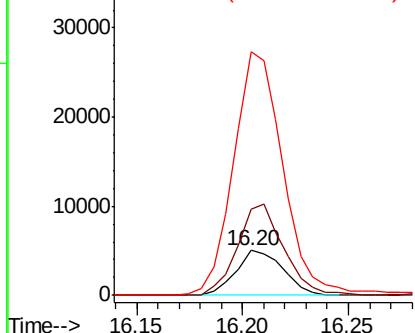
#67
4-Bromophenyl-phenylether
Concen: 2.701 ng
RT: 16.20 min Scan# 2198
Delta R.T. -0.45 min
Lab File: BG038210.D
Acq: 28 Nov 2018 21:51

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

Tgt Ion: 248 Resp: 7676
Ion Ratio Lower Upper
248 100
250 194.1 77.0 115.6#
141 417.8 55.5 83.3#

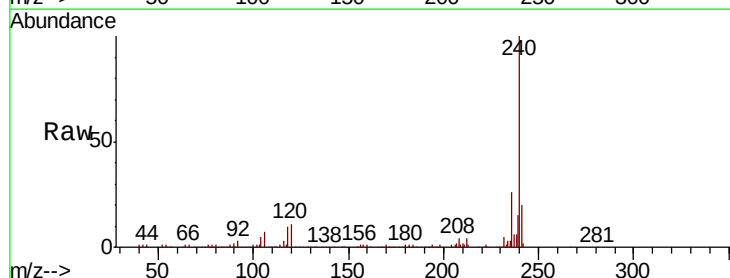


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

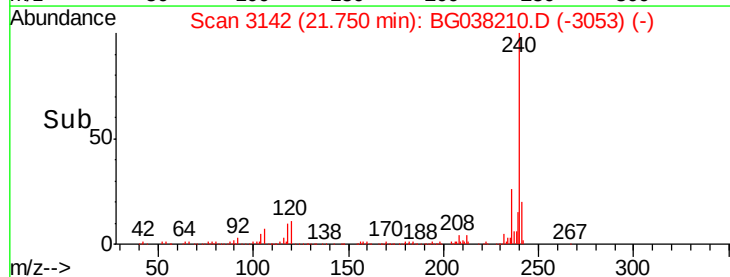
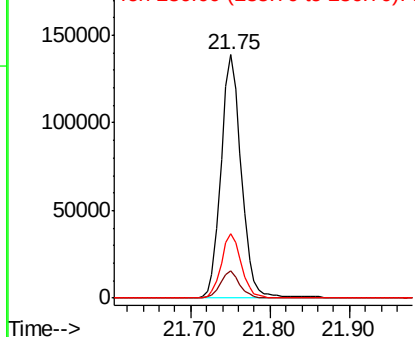


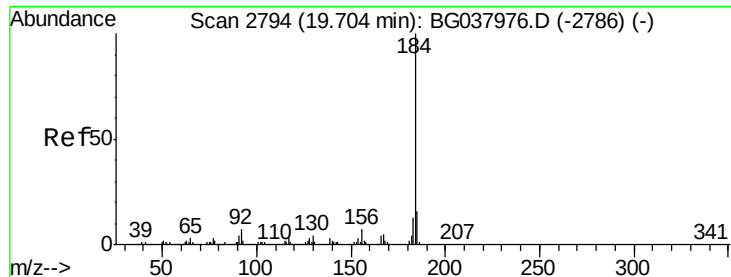
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG038210.D
Acq: 28 Nov 2018 21:51

Tgt Ion: 240 Resp: 247856
Ion Ratio Lower Upper
240 100
120 11.1 8.1 12.1
236 26.4 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





#77

Benzidine

Concen: 2.083 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.37 min

Lab File: BG038210.D

Acq: 28 Nov 2018 21:51

Instrument :

BNA_G

ClientSampleId :

112318-DBRI-F-D-S

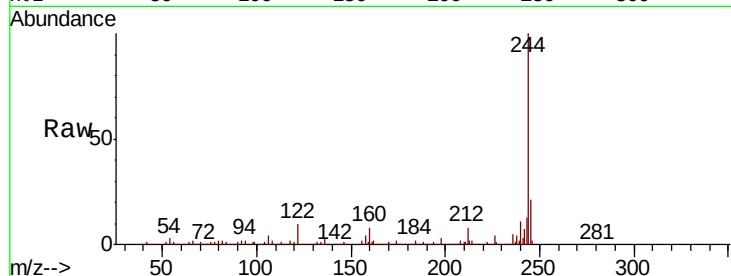
Tgt Ion:184 Resp: 18115

Ion Ratio Lower Upper

184 100

185 16.4 12.6 18.8

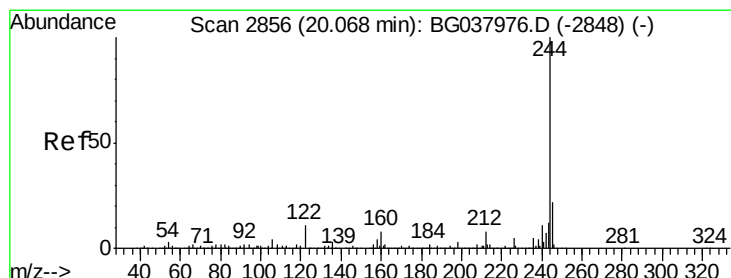
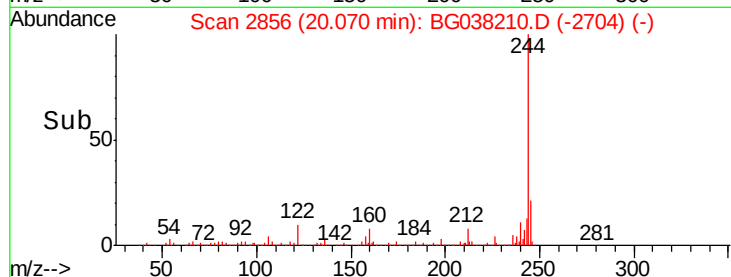
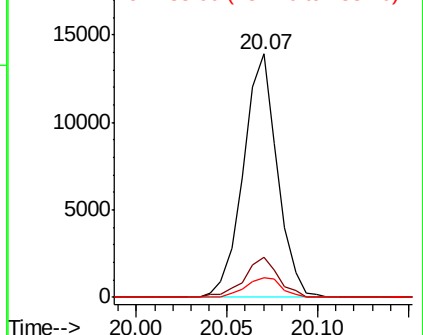
183 8.1 10.2 15.2#



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: 93.031 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038210.D

Acq: 28 Nov 2018 21:51

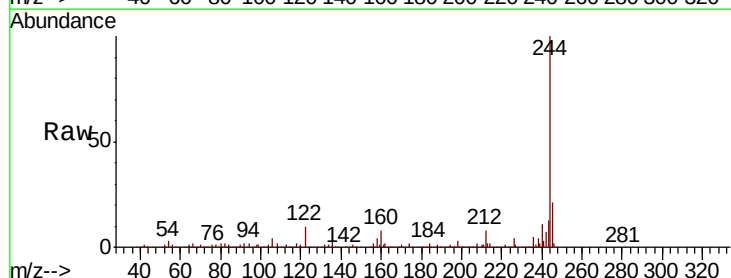
Tgt Ion:244 Resp: 979946

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

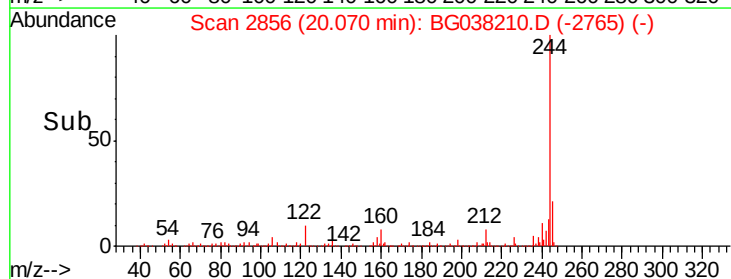
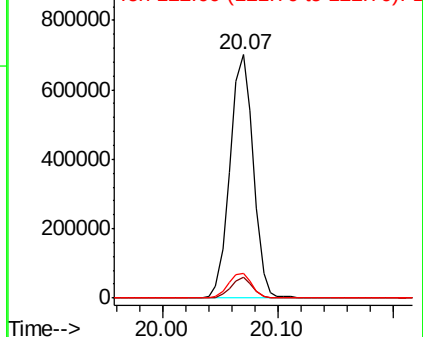
122 10.4 9.0 13.4

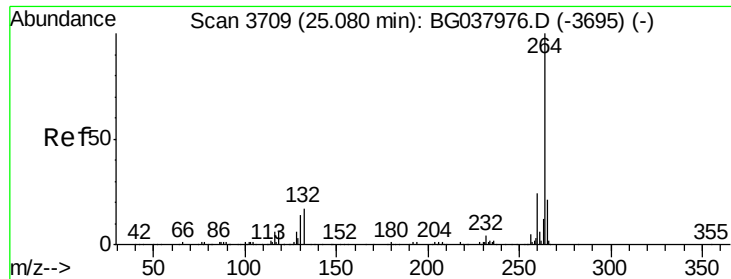


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.08 min Scan# 3708
Delta R.T. -0.00 min
Lab File: BG038210.D
Acq: 28 Nov 2018 21:51

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

Tgt Ion:	264	Resp:	237781
Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.2	27.4
265	22.9	17.9	26.9

