

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112818\
 Data File : BG038211.D
 Acq On : 28 Nov 2018 22:31
 Operator : JU/SJ
 Sample : J6069-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 112318-DBRI-F-U-B

Quant Time: Nov 29 04:32:09 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

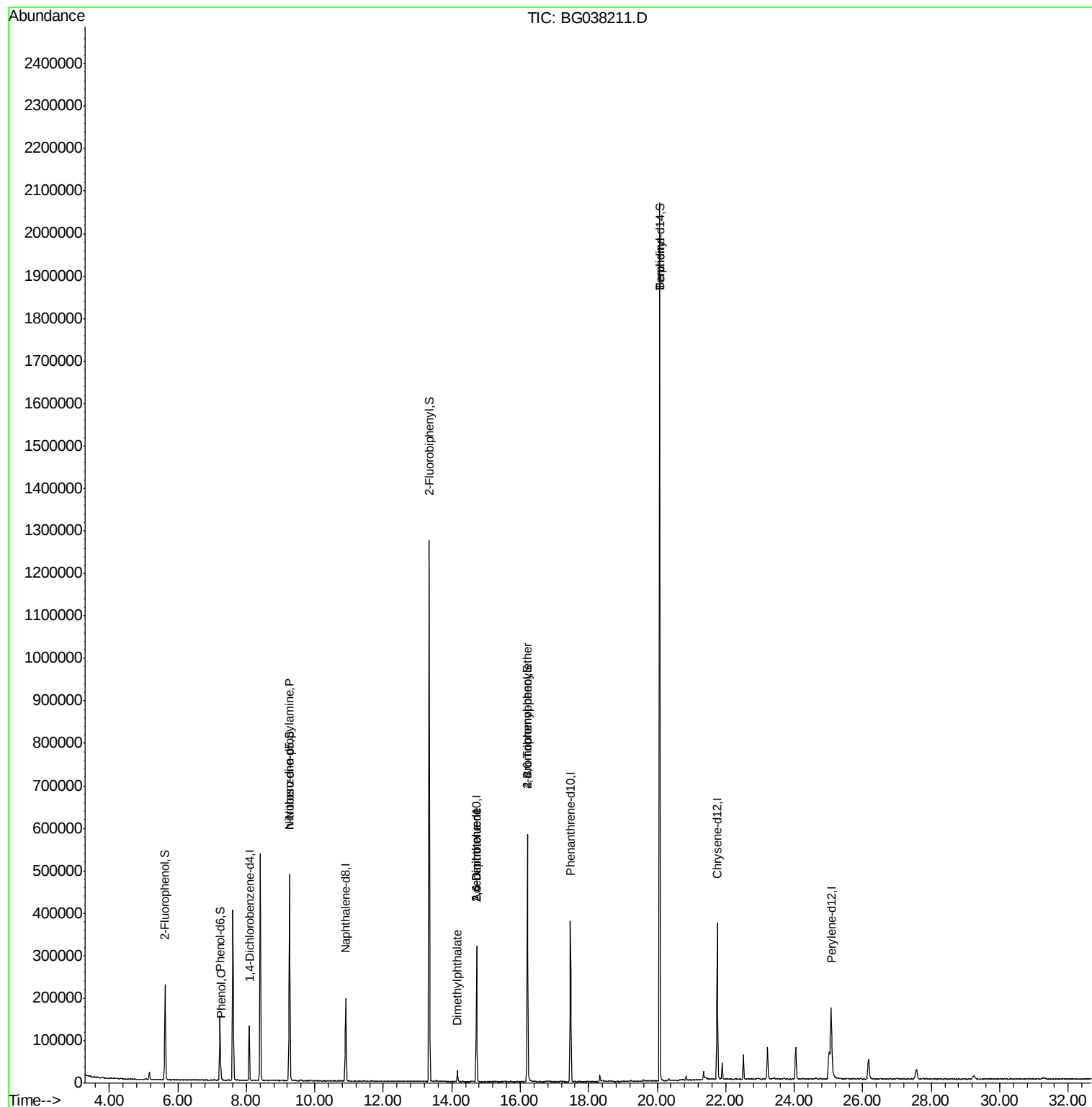
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	38919	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	176892	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	110078	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	244886	20.00	ng	0.00
76) Chrysene-d12	21.75	240	232648	20.00	ng	0.00
87) Perylene-d12	25.07	264	226960	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	102949	45.67	ng	0.00
7) Phenol-d6	7.23	99	91022	28.29	ng	0.00
23) Nitrobenzene-d5	9.26	82	306572	92.77	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	102669	81.78	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	683110	90.41	ng	0.00
79) Terphenyl-d14	20.07	244	994322	100.57	ng	0.00
Target Compounds						
10) Phenol	7.26	94	9363	2.747	ng	90
19) n-Nitroso-di-n-propylamine	9.26	70	39178	16.827	ng	# 75
50) Dimethylphthalate	14.16	163	20777	2.381	ng	# 98
51) 2,6-Dinitrotoluene	14.72	165	14764	7.475	ng	# 25
57) 2,4-Dinitrotoluene	14.72	165	14764	5.494	ng	# 24
67) 4-Bromophenyl-phenylether	16.21	248	7428	2.764	ng	# 1
77) Benzidine	20.07	184	17340	2.124	ng	# 97

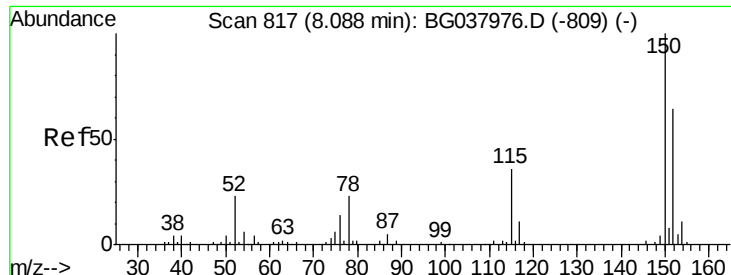
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112818\
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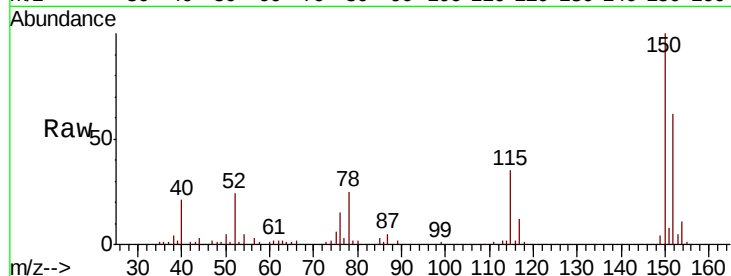


#1

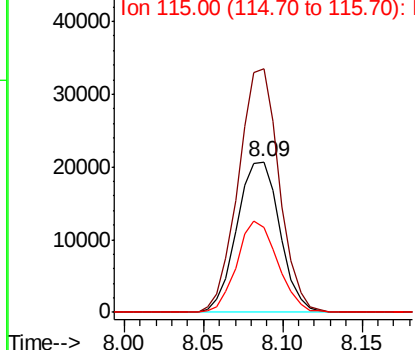
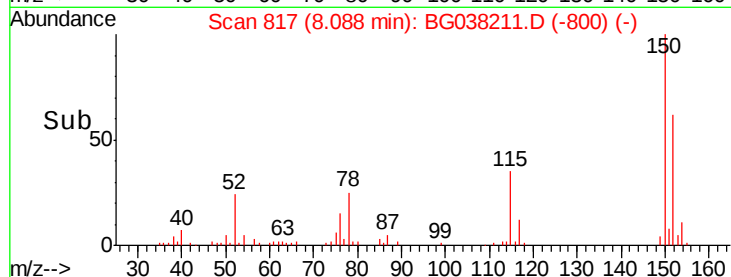
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038211.D
Acq: 28 Nov 2018 22:31

Instrument :
BNA_G
ClientSampleId :
112318-DBRI-F-U-B

Tgt Ion:152 Resp: 38919
Ion Ratio Lower Upper
152 100
150 161.4 126.0 189.0
115 56.6 45.5 68.3



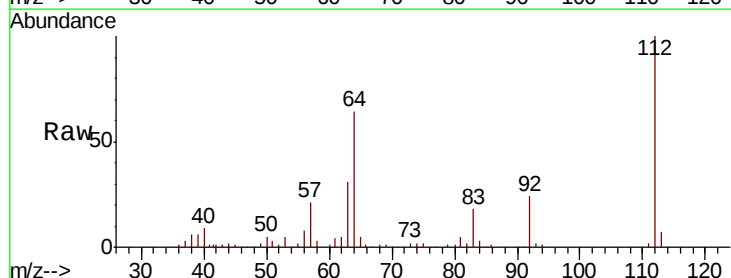
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



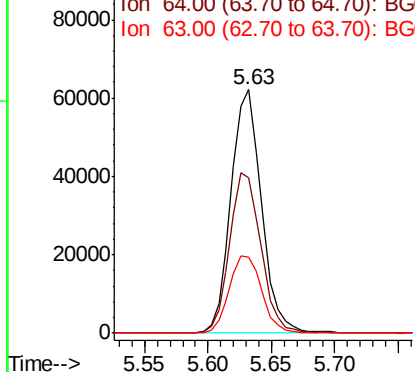
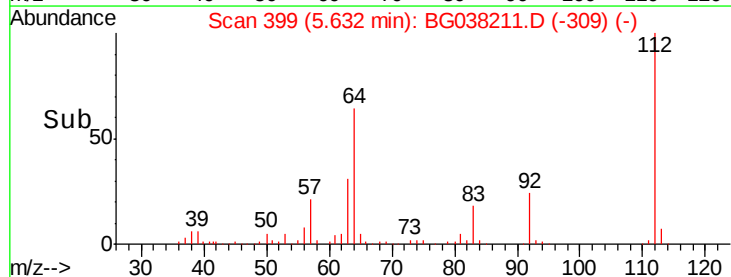
#5

2-Fluorophenol
Concen: 45.671 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG038211.D
Acq: 28 Nov 2018 22:31

Tgt Ion:112 Resp: 102949
Ion Ratio Lower Upper
112 100
64 63.7 53.1 79.7
63 31.4 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: 28.288 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038211.D

Acq: 28 Nov 2018 22:31

Instrument :

BNA_G

ClientSampleId :

112318-DBRI-F-U-B

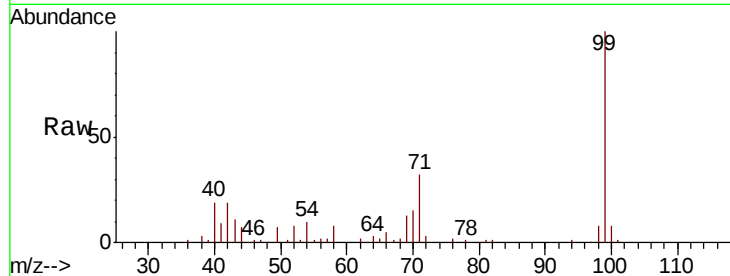
Tgt Ion: 99 Resp: 91022

Ion Ratio Lower Upper

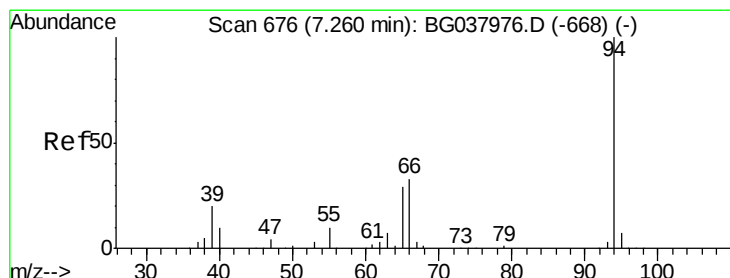
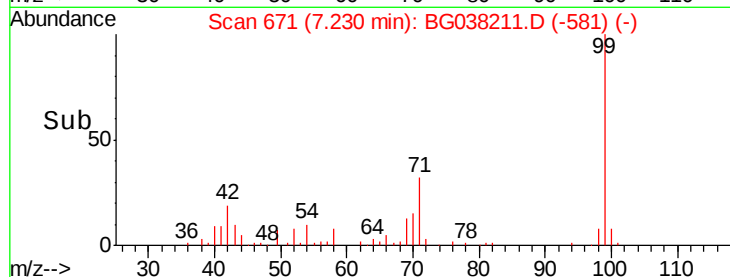
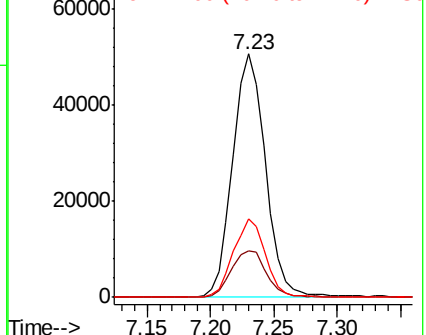
99 100

42 19.4 15.0 22.4

71 32.3 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: 2.747 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG038211.D

Acq: 28 Nov 2018 22:31

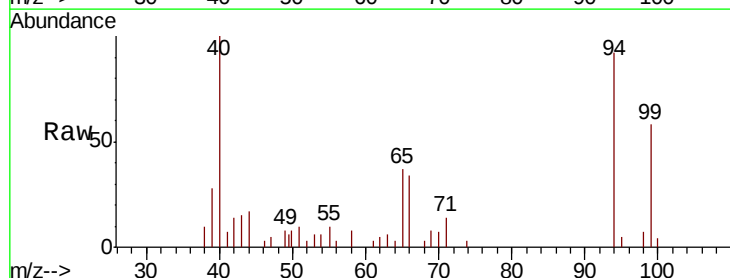
Tgt Ion: 94 Resp: 9363

Ion Ratio Lower Upper

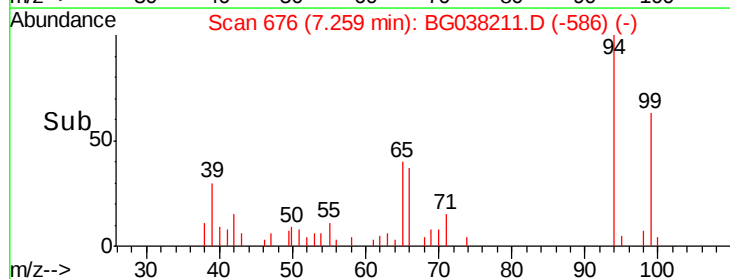
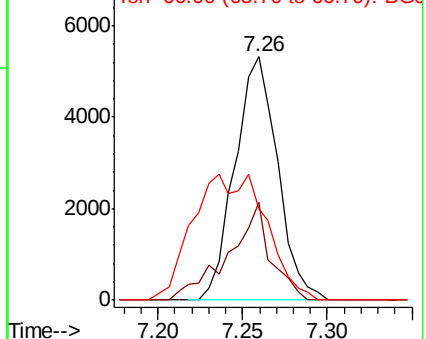
94 100

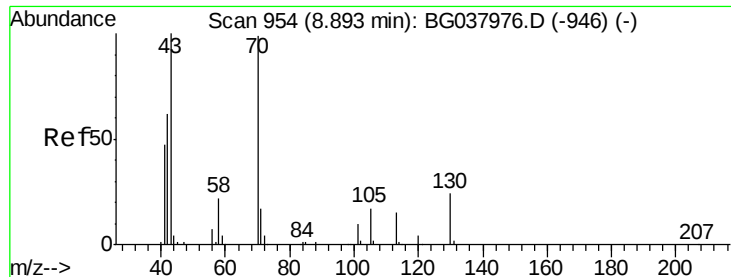
65 40.3 9.7 49.7

66 37.5 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

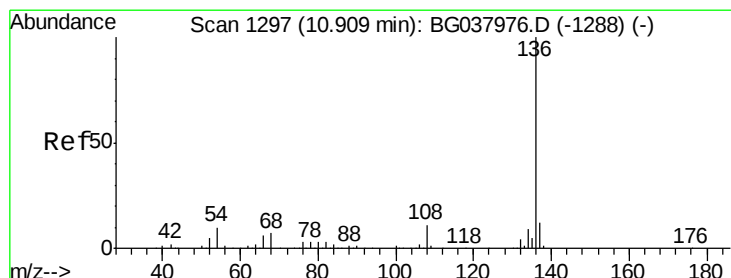
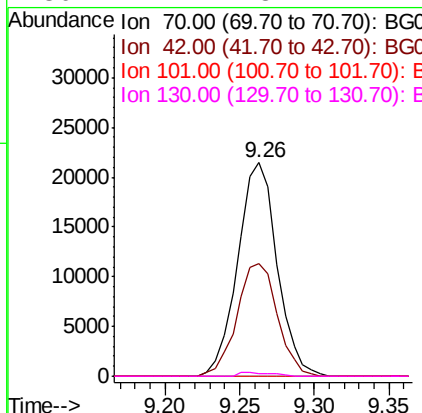
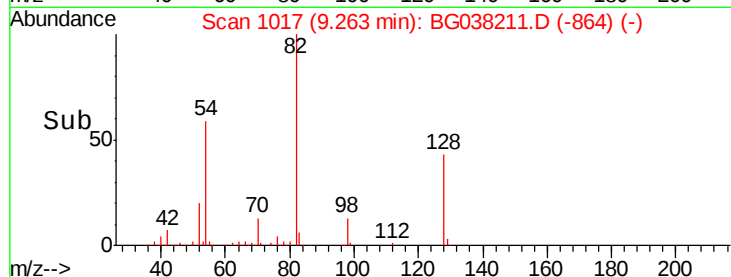
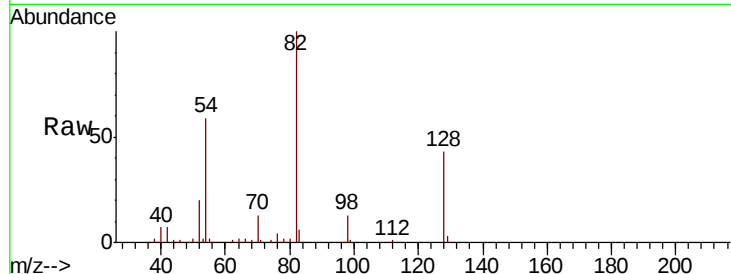




#19
n-Nitroso-di-n-propylamine
Concen: 16.827 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.37 min
Lab File: BG038211.D
Acq: 28 Nov 2018 22:31

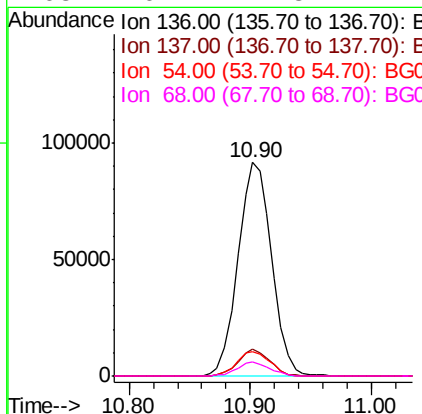
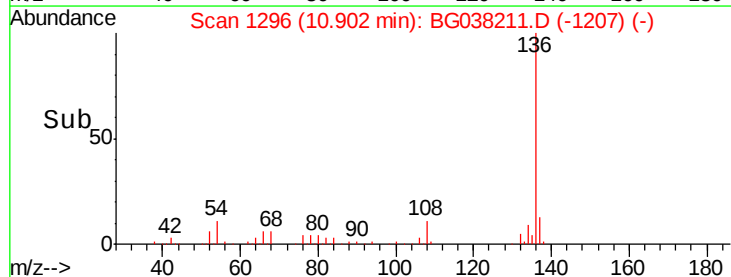
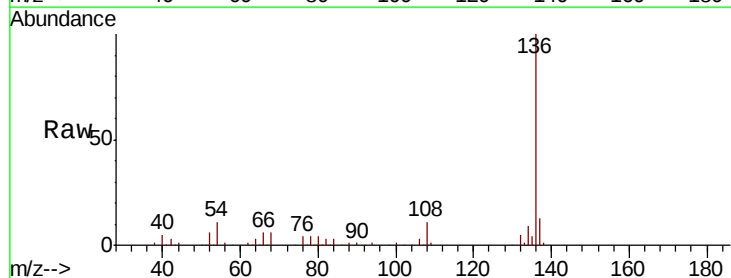
Instrument :
BNA_G
ClientSampleId :
112318-DBRI-F-U-B

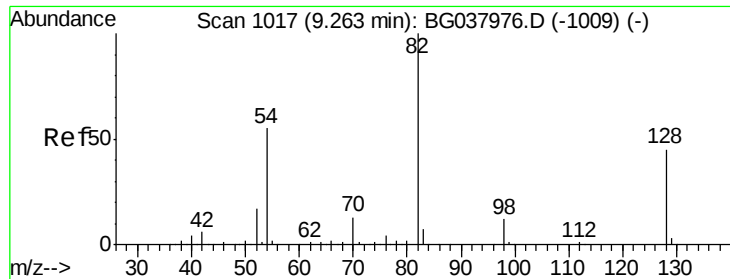
Tgt Ion: 70 Resp: 39178
Ion Ratio Lower Upper
70 100
42 52.9 53.9 80.9#
101 0.0 8.2 12.2#
130 1.2 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038211.D
Acq: 28 Nov 2018 22:31

Tgt Ion: 136 Resp: 176892
Ion Ratio Lower Upper
136 100
137 12.6 9.6 14.4
54 11.4 7.9 11.9
68 6.4 4.8 7.2

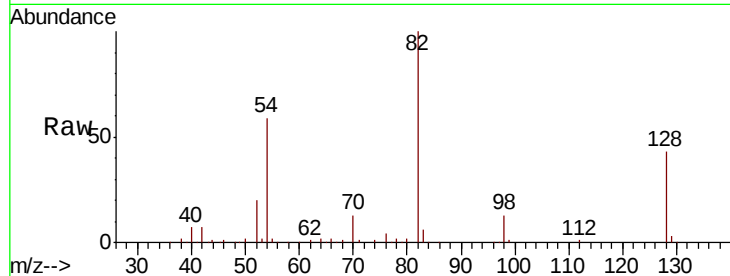




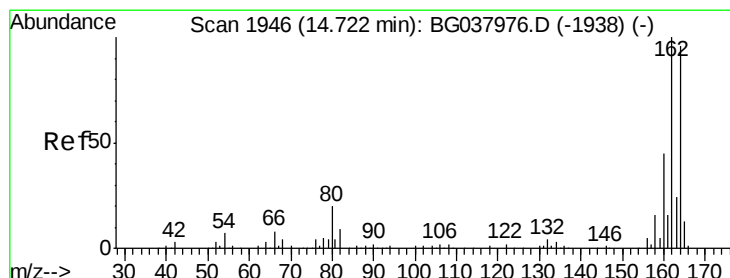
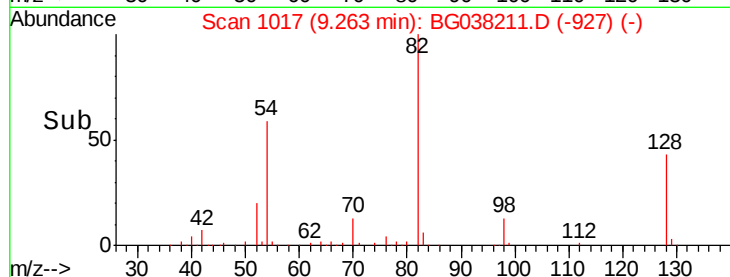
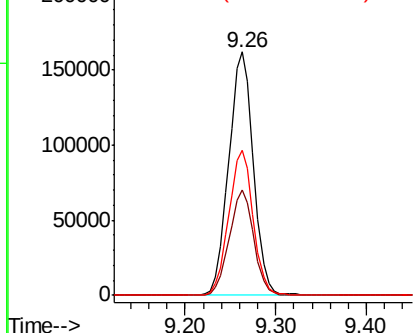
#23
Nitrobenzene-d5
Concen: 92.774 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038211.D
Acq: 28 Nov 2018 22:31

Instrument :
BNA_G
ClientSampleId :
112318-DBRI-F-U-B

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.6	51.8
54	59.5	45.3	67.9

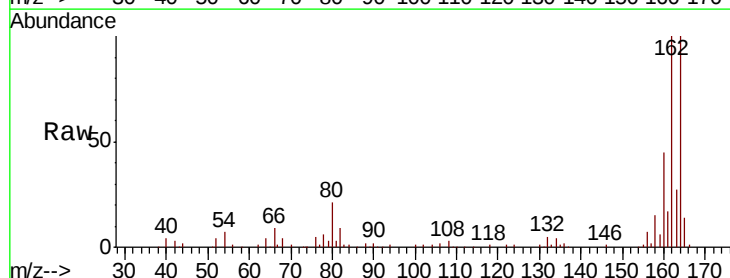


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

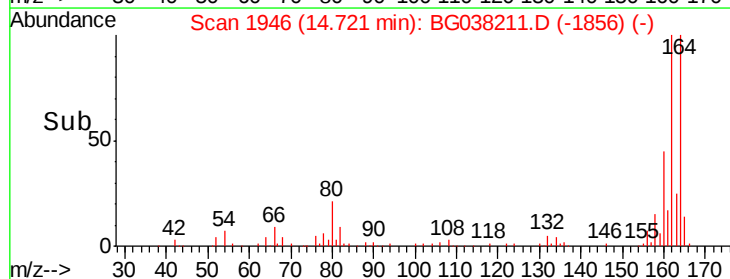
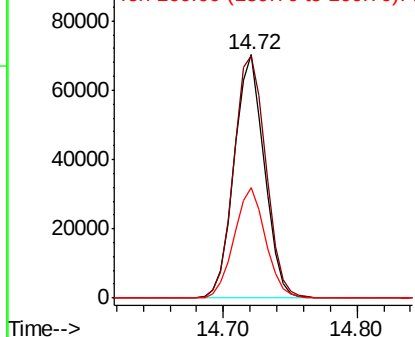


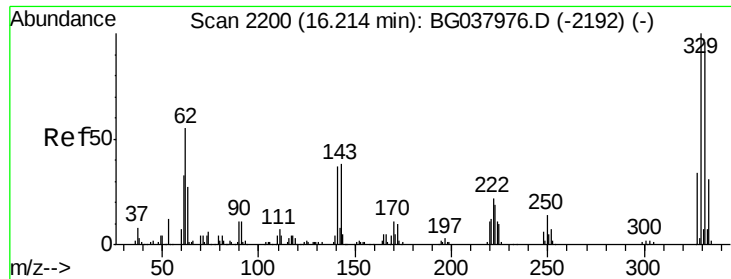
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG038211.D
Acq: 28 Nov 2018 22:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.7	81.3	121.9
160	45.4	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: 81.781 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038211.D

Acq: 28 Nov 2018 22:31

Instrument :

BNA_G

ClientSampleId :

112318-DBRI-F-U-B

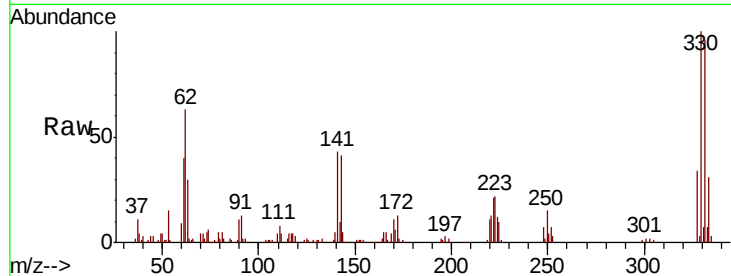
Tgt Ion:330 Resp: 102669

Ion Ratio Lower Upper

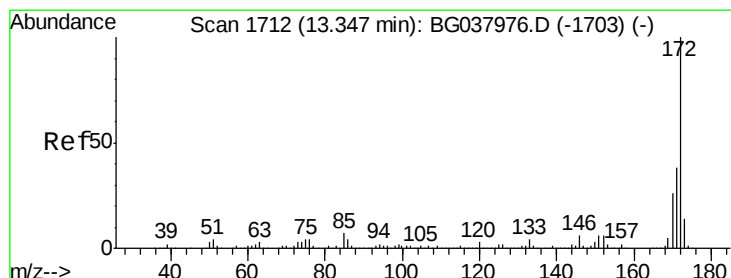
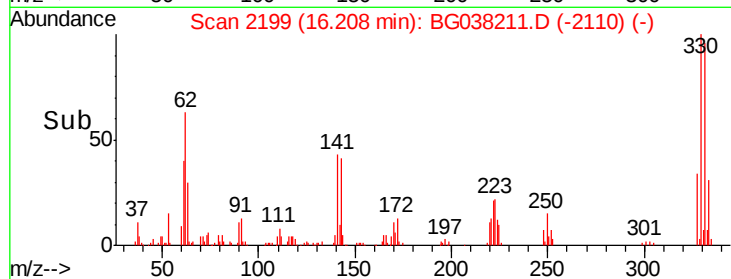
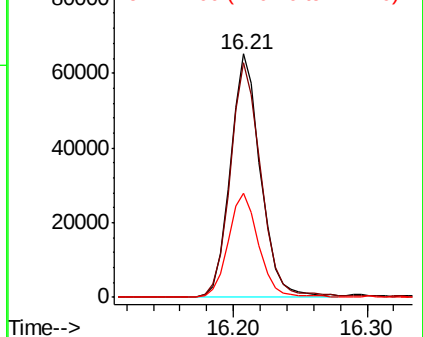
330 100

332 97.7 78.4 117.6

141 43.2 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: 90.408 ng

RT: 13.34 min Scan# 1711

Delta R.T. -0.01 min

Lab File: BG038211.D

Acq: 28 Nov 2018 22:31

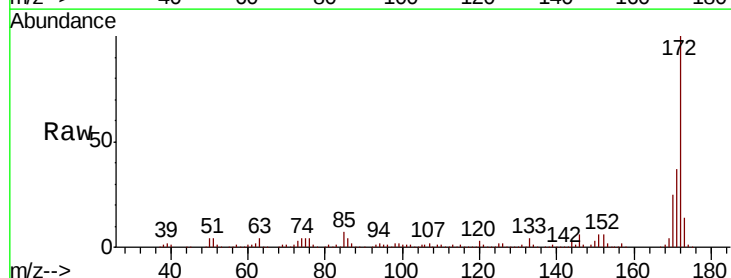
Tgt Ion:172 Resp: 683110

Ion Ratio Lower Upper

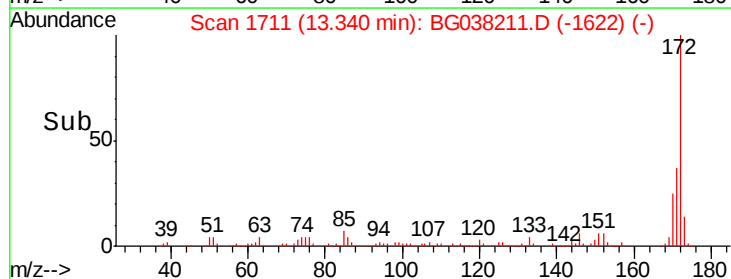
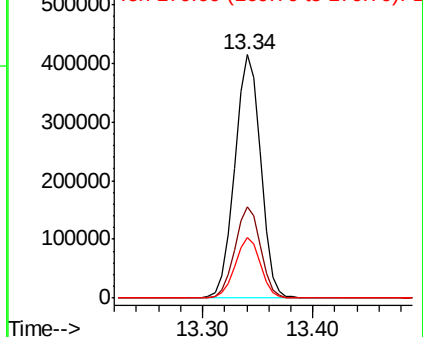
172 100

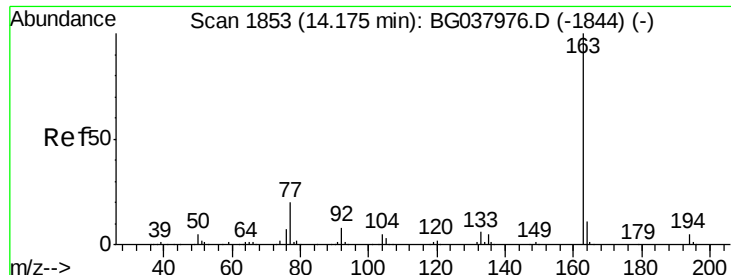
171 37.3 31.0 46.4

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





#50

Dimethylphthalate

Concen: 2.381 ng

RT: 14.16 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG038211.D

Acq: 28 Nov 2018 22:31

Instrument :

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ClientSampleId :

112318-DBRI-F-U-B

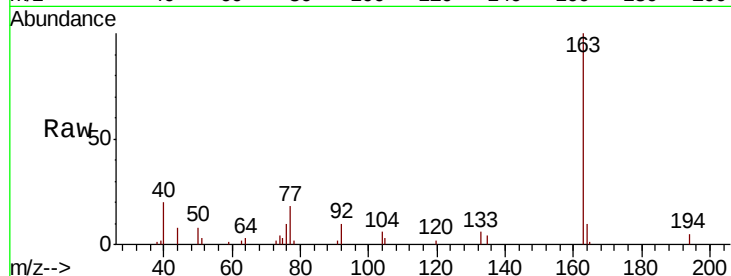
Tgt Ion:163 Resp: 20777

Ion Ratio Lower Upper

163 100

194 5.3 3.5 5.3#

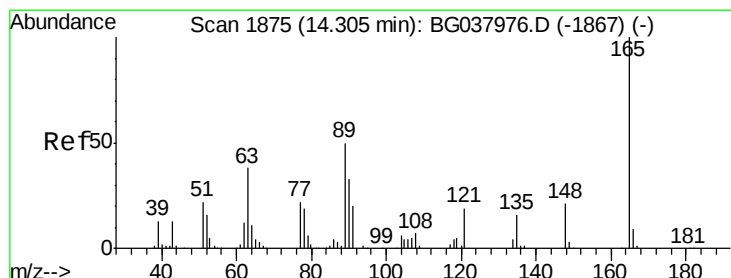
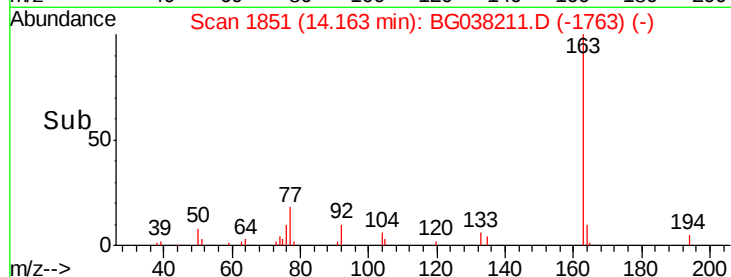
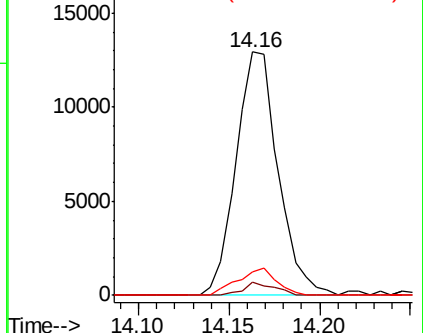
164 9.9 8.5 12.7



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: 7.475 ng

RT: 14.72 min Scan# 1946

Delta R.T. 0.42 min

Lab File: BG038211.D

Acq: 28 Nov 2018 22:31

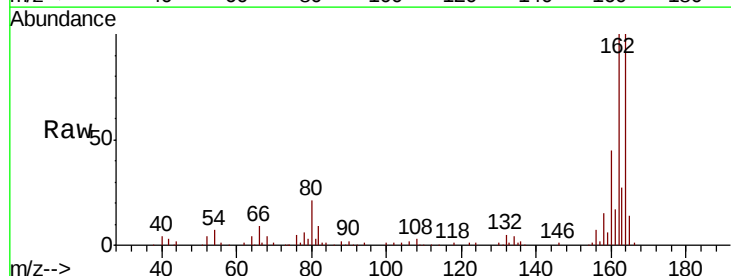
Tgt Ion:165 Resp: 14764

Ion Ratio Lower Upper

165 100

63 0.0 43.4 65.2#

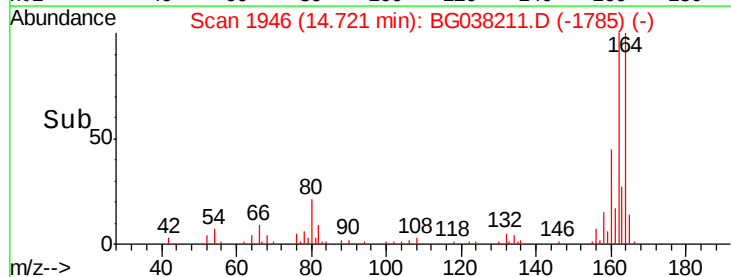
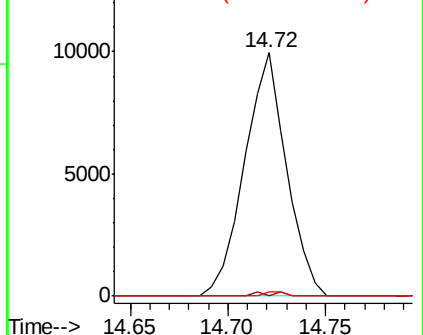
89 1.8 45.8 68.6#

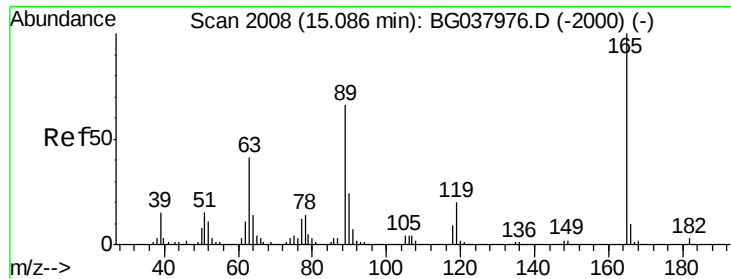


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

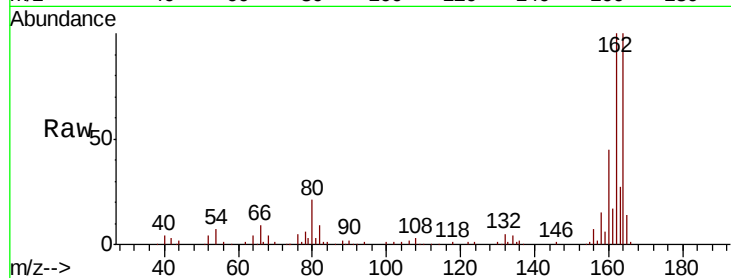




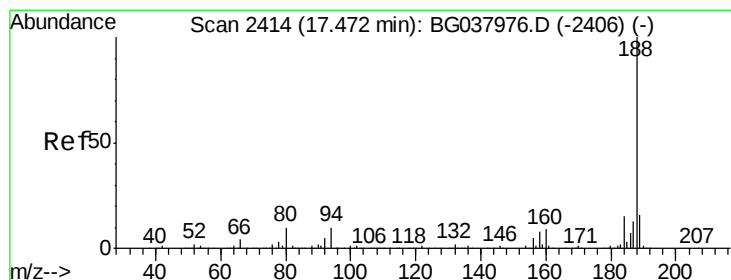
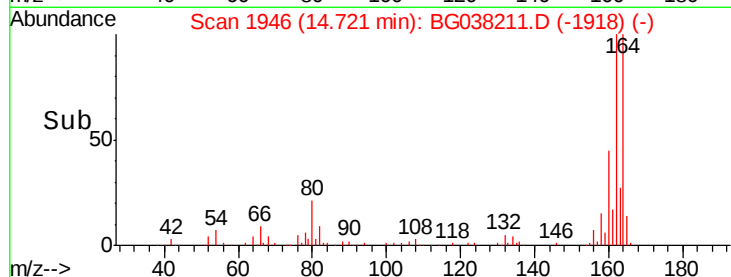
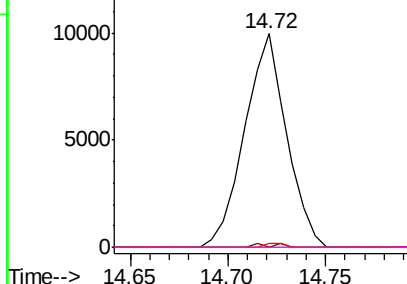
#57
 2,4-Dinitrotoluene
 Concen: 5.494 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.36 min
 Lab File: BG038211.D
 Acq: 28 Nov 2018 22:31

Instrument :
 BNA_G
 ClientSampleId :
 112318-DBRI-F-U-B

Tgt Ion:	165	Resp:	14764
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	1.8	57.2	85.8#
182	0.0	2.6	4.0#

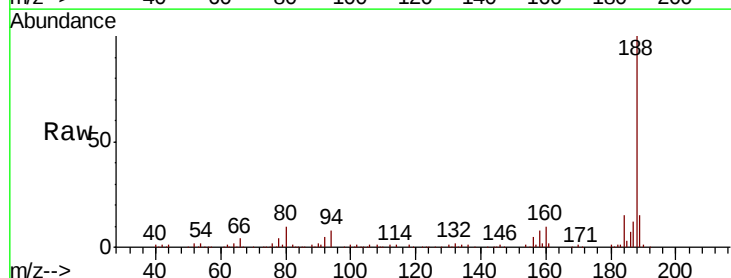


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

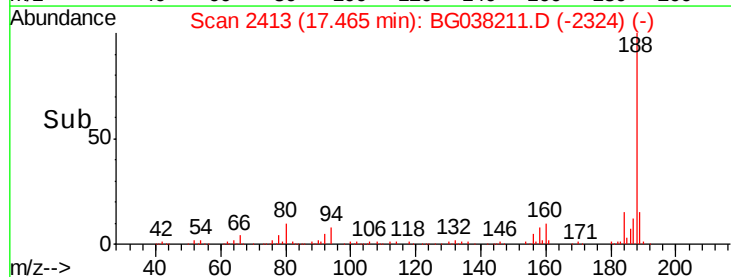
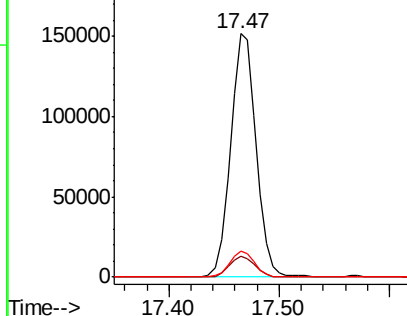


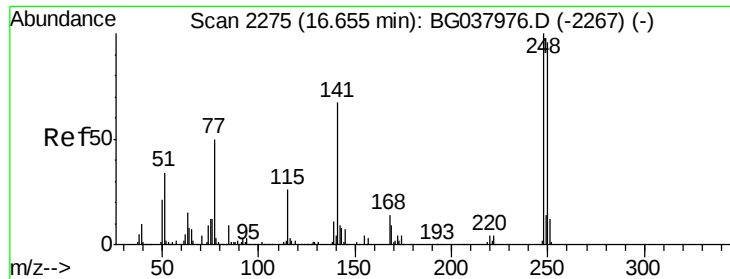
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BG038211.D
 Acq: 28 Nov 2018 22:31

Tgt Ion:	188	Resp:	244886
Ion	Ratio	Lower	Upper
188	100		
94	8.3	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

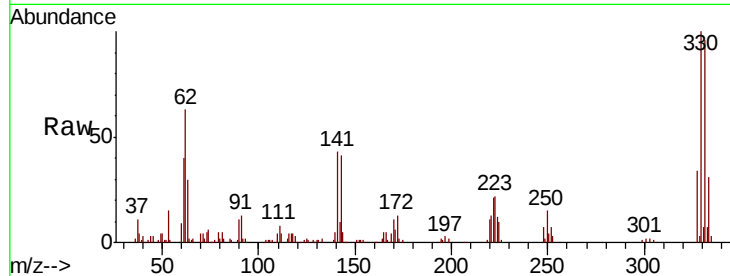




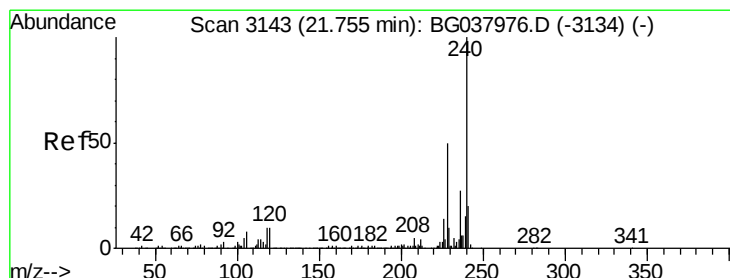
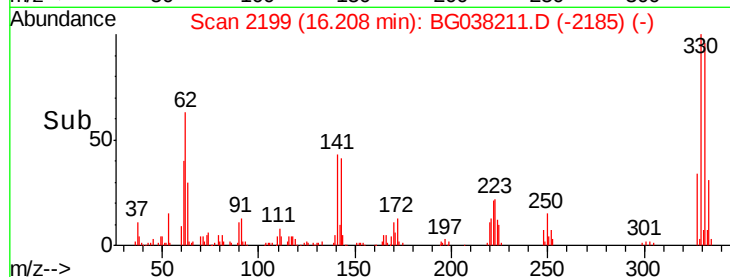
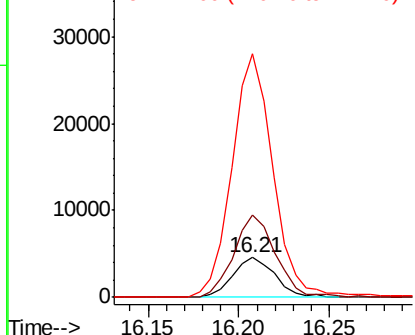
#67
4-Bromophenyl-phenylether
Concen: 2.764 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.45 min
Lab File: BG038211.D
Acq: 28 Nov 2018 22:31

Instrument :
BNA_G
ClientSampleId :
112318-DBRI-F-U-B

Tgt Ion:248 Resp: 7428
Ion Ratio Lower Upper
248 100
250 204.4 77.0 115.6#
141 467.0 55.5 83.3#

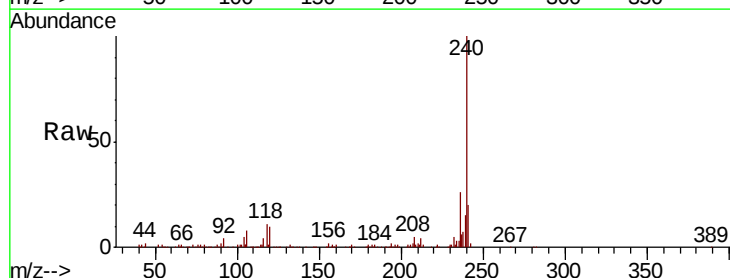


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

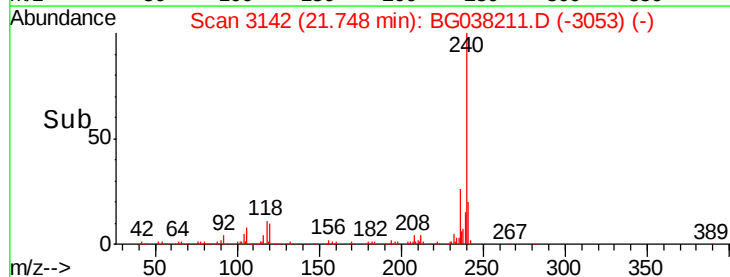
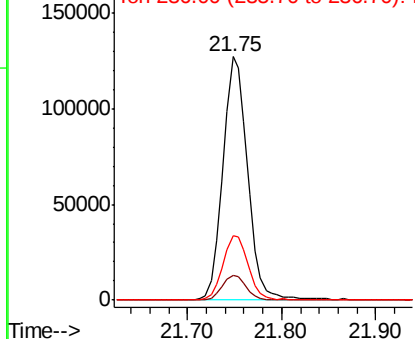


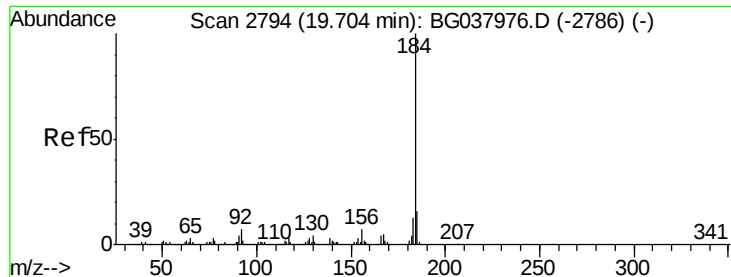
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG038211.D
Acq: 28 Nov 2018 22:31

Tgt Ion:240 Resp: 232648
Ion Ratio Lower Upper
240 100
120 10.3 8.1 12.1
236 26.3 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: 2.124 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.36 min

Lab File: BG038211.D

Acq: 28 Nov 2018 22:31

Instrument :

BNA_G

ClientSampleId :

112318-DBRI-F-U-B

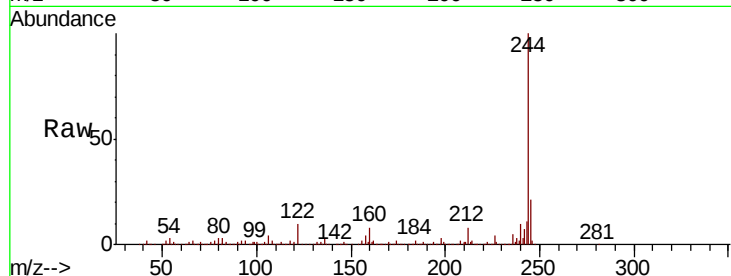
Tgt Ion:184 Resp: 17340

Ion Ratio Lower Upper

184 100

185 15.4 12.6 18.8

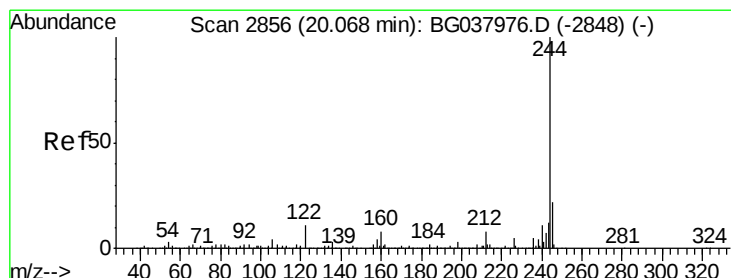
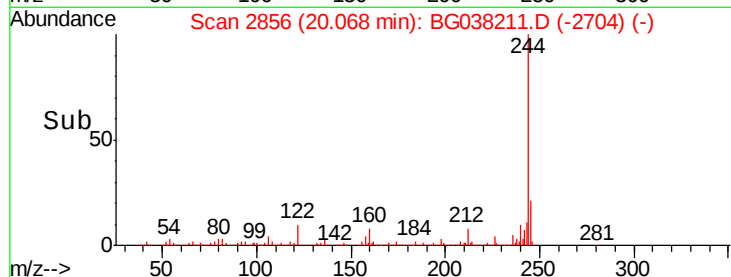
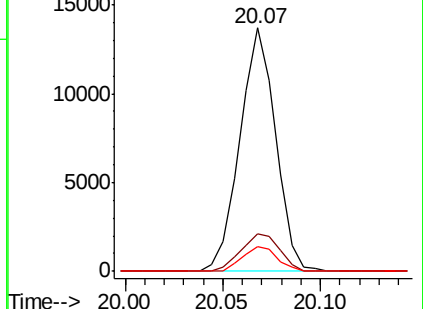
183 10.0 10.2 15.2#



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: 100.566 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG038211.D

Acq: 28 Nov 2018 22:31

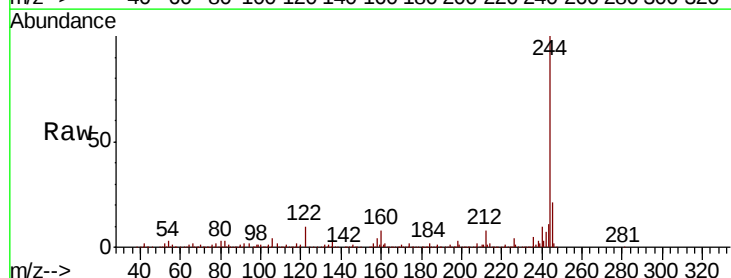
Tgt Ion:244 Resp: 994322

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

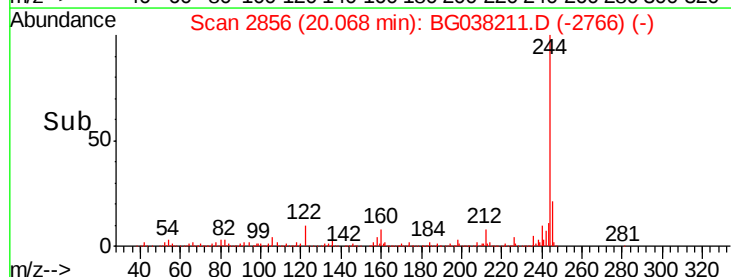
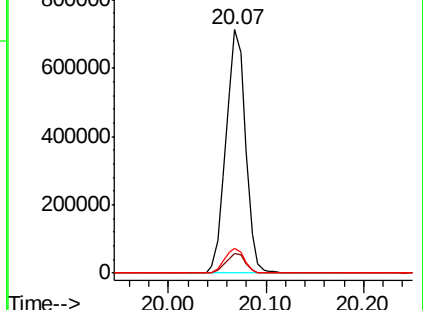
122 10.2 9.0 13.4

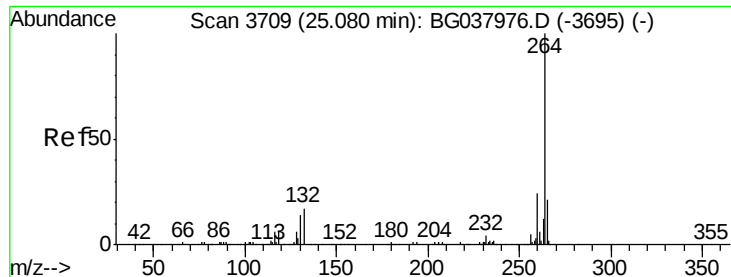


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3708
Delta R.T. -0.01 min
Lab File: BG038211.D
Acq: 28 Nov 2018 22:31

Instrument :
BNA_G
ClientSampleId :
112318-DBRI-F-U-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	21.9	17.9	26.9

