

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112818\
 Data File : BG038208.D
 Acq On : 28 Nov 2018 20:32
 Operator : JU/SJ
 Sample : J6069-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Nov 29 04:31:42 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

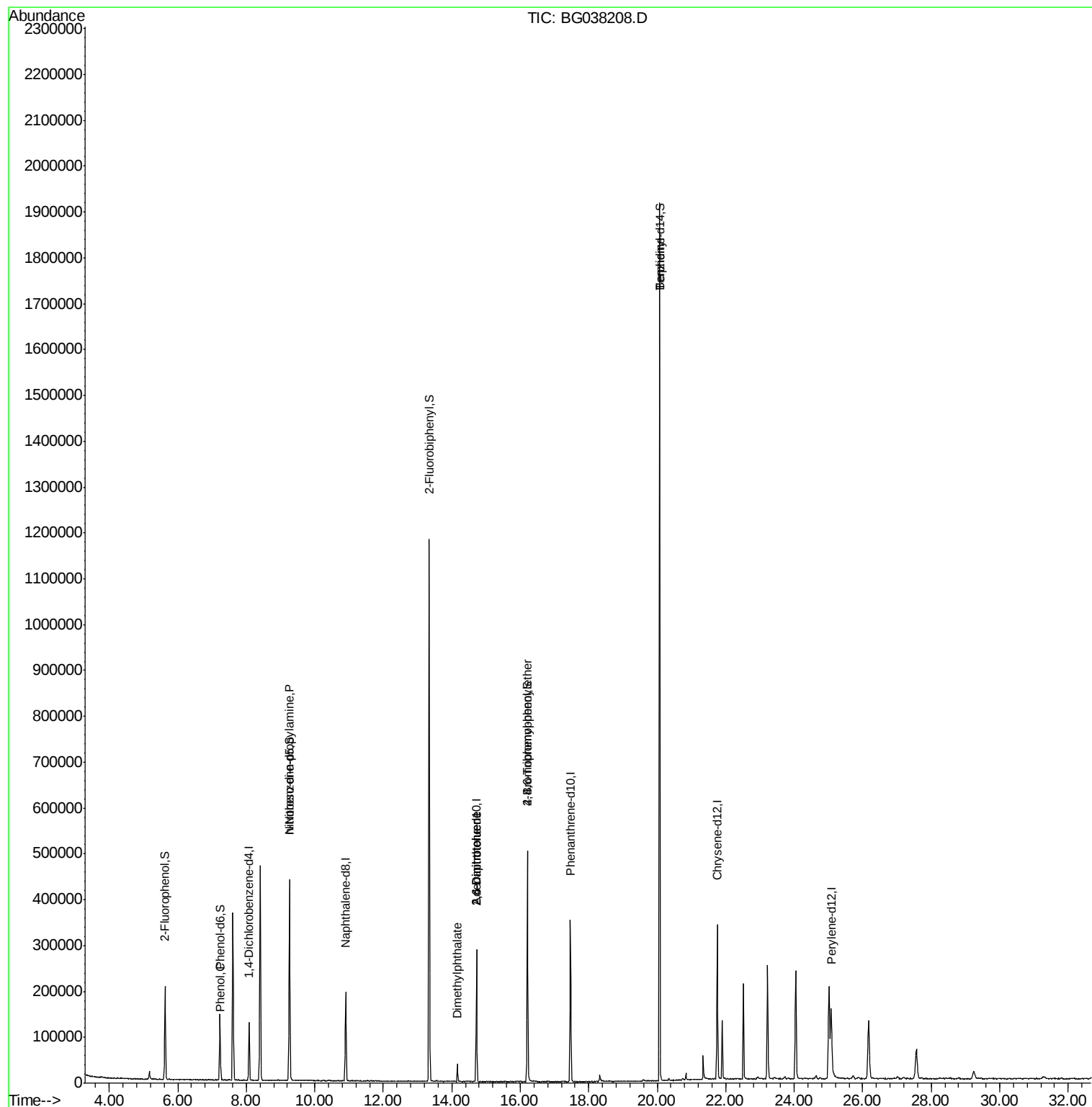
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	35935	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	164826	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	102872	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	225892	20.00	ng	0.00
76) Chrysene-d12	21.75	240	214074	20.00	ng	0.00
87) Perylene-d12	25.07	264	205954	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	92456	44.42	ng	0.00
7) Phenol-d6	7.23	99	85899	28.91	ng	0.00
23) Nitrobenzene-d5	9.26	82	274968	89.30	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	94276	80.36	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	617325	87.42	ng	0.00
79) Terphenyl-d14	20.07	244	911641	100.20	ng	0.00
Target Compounds						
10) Phenol	7.25	94	6531	2.075	ng	95
19) n-Nitroso-di-n-propylamine	9.26	70	35843	16.673	ng	# 75
50) Dimethylphthalate	14.16	163	29058	3.563	ng	# 94
51) 2,6-Dinitrotoluene	14.72	165	13461	7.293	ng	# 23
57) 2,4-Dinitrotoluene	14.72	165	13461	5.360	ng	# 23
67) 4-Bromophenyl-phenylether	16.20	248	6578	2.653	ng	# 1
77) Benzidine	20.07	184	15799	2.103	ng	# 90

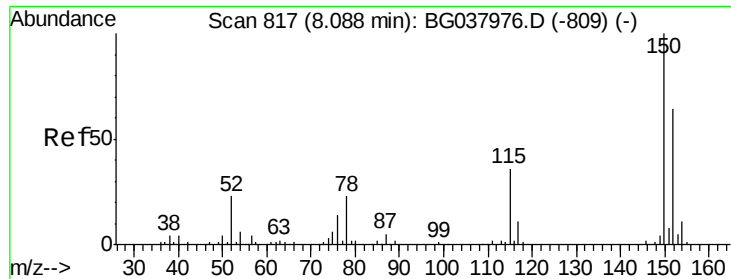
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112818\
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112318-DBRI-F-D-B

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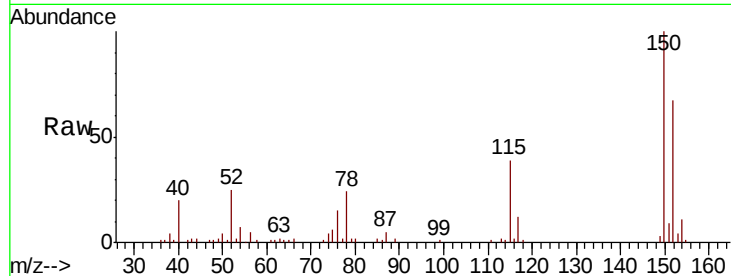


#1

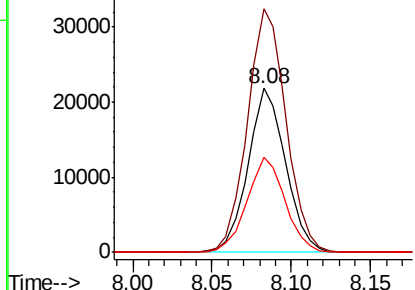
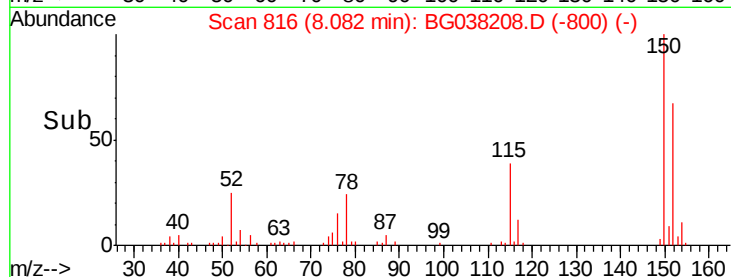
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG038208.D
Acq: 28 Nov 2018 20:32

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

Tgt Ion:152 Resp: 35935
Ion Ratio Lower Upper
152 100
150 148.4 126.0 189.0
115 57.9 45.5 68.3



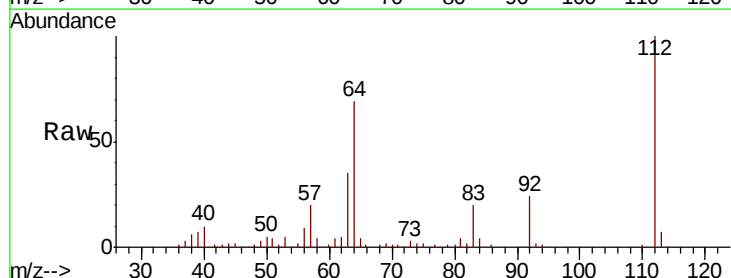
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



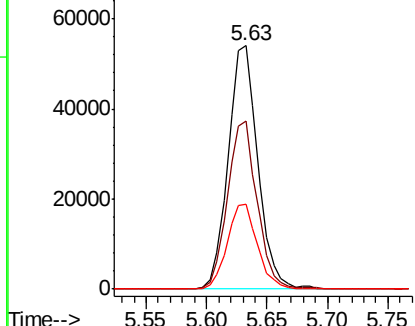
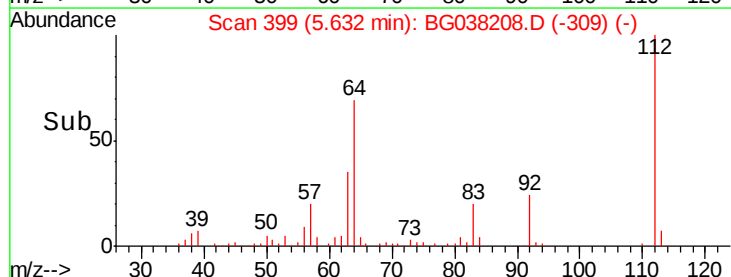
#5

2-Fluorophenol
Concen: 44.422 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG038208.D
Acq: 28 Nov 2018 20:32

Tgt Ion:112 Resp: 92456
Ion Ratio Lower Upper
112 100
64 68.8 53.1 79.7
63 34.7 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: 28.913 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038208.D

Acq: 28 Nov 2018 20:32

Instrument :

BNA_G

ClientSampleId :

112318-DBRI-F-D-B

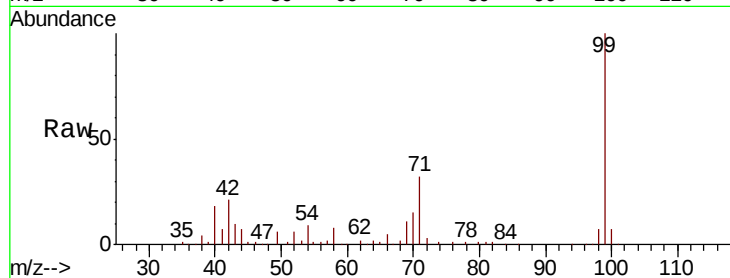
Tgt Ion: 99 Resp: 85899

Ion Ratio Lower Upper

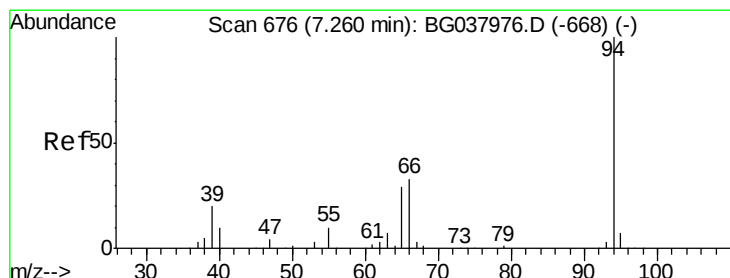
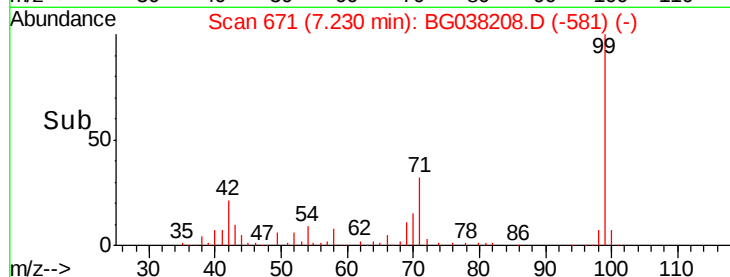
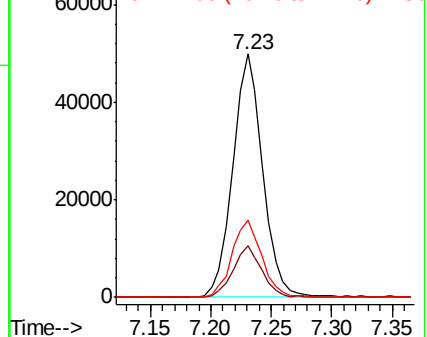
99 100

42 21.1 15.0 22.4

71 31.7 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: 2.075 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.01 min

Lab File: BG038208.D

Acq: 28 Nov 2018 20:32

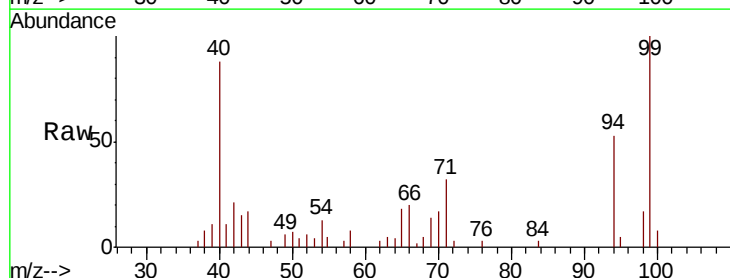
Tgt Ion: 94 Resp: 6531

Ion Ratio Lower Upper

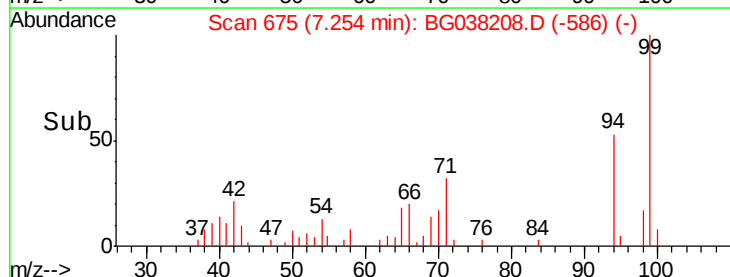
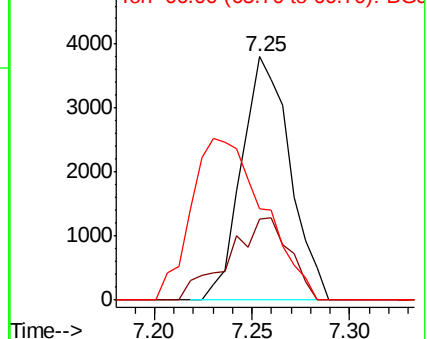
94 100

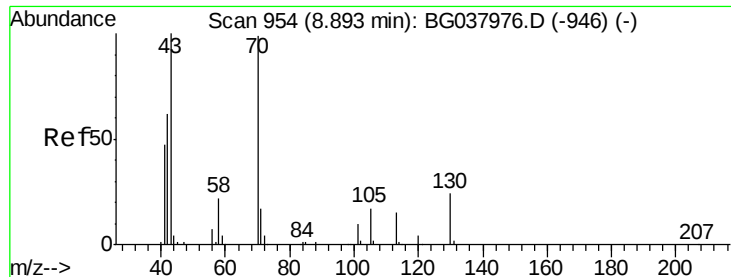
65 33.5 9.7 49.7

66 37.4 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

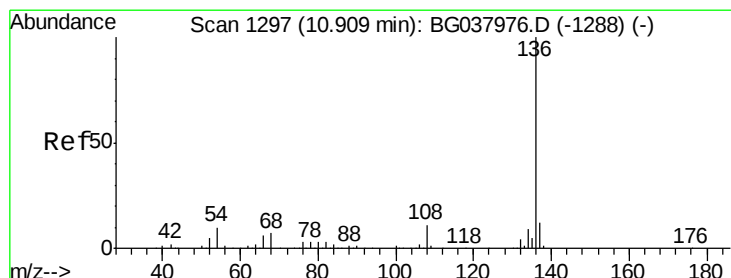
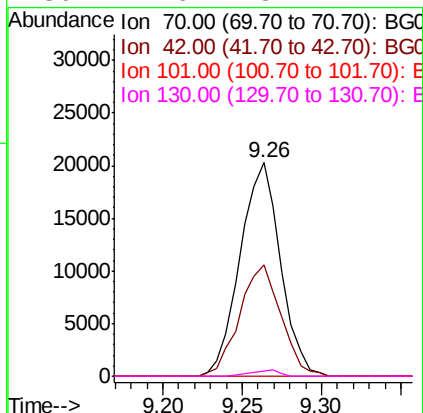
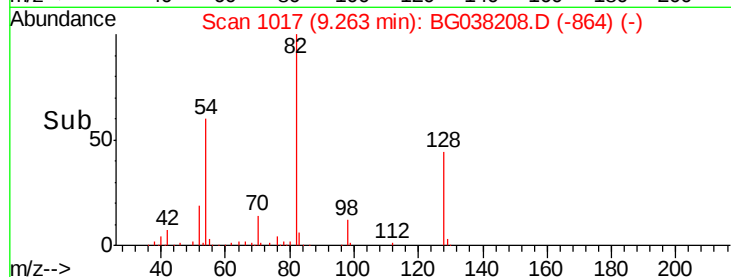
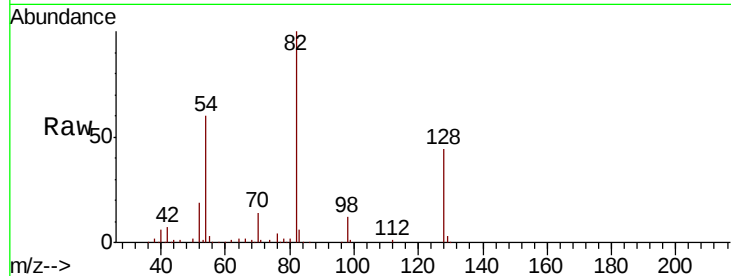




#19
n-Nitroso-di-n-propylamine
Concen: 16.673 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.37 min
Lab File: BG038208.D
Acq: 28 Nov 2018 20:32

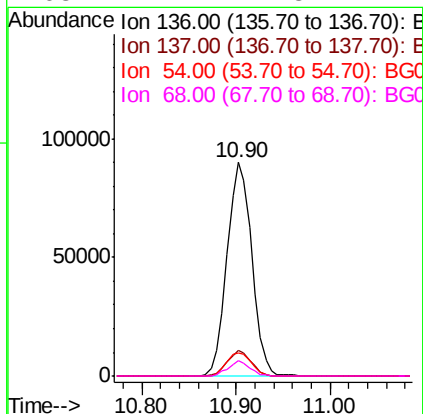
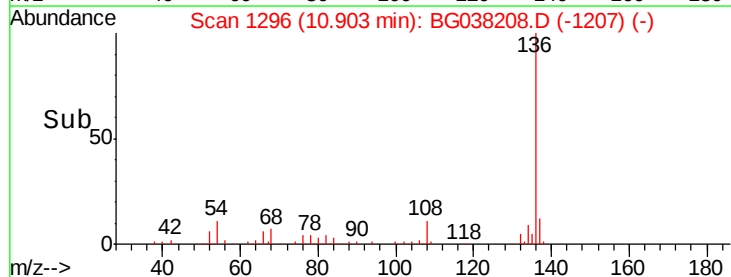
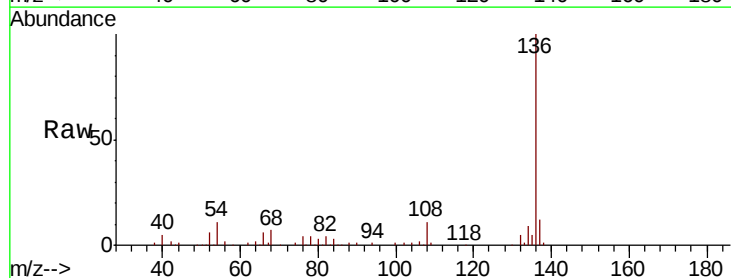
Instrument :
BNA_G
ClientSampleId :
112318-DBRI-F-D-B

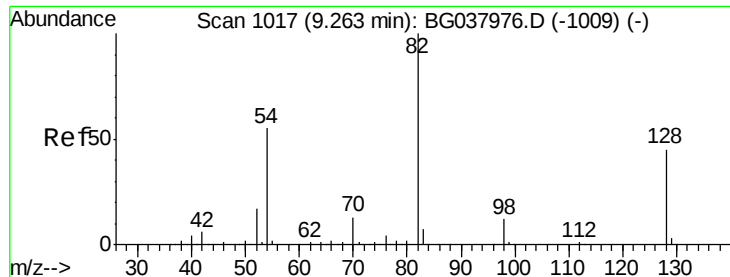
Tgt Ion: 70 Resp: 35843
Ion Ratio Lower Upper
70 100
42 52.0 53.9 80.9#
101 0.0 8.2 12.2#
130 2.6 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038208.D
Acq: 28 Nov 2018 20:32

Tgt Ion: 136 Resp: 164826
Ion Ratio Lower Upper
136 100
137 11.7 9.6 14.4
54 11.0 7.9 11.9
68 7.4 4.8 7.2#

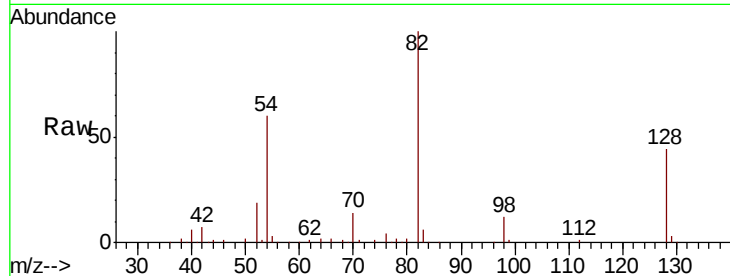




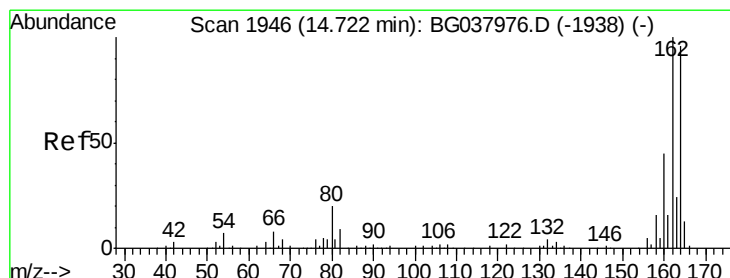
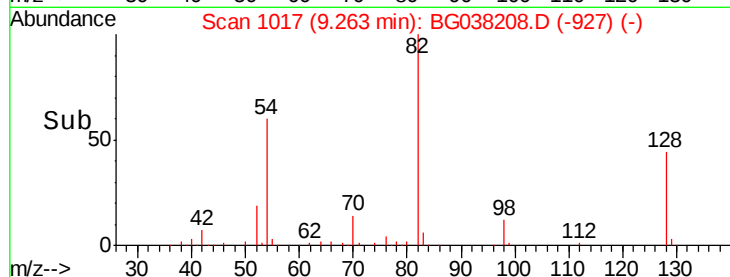
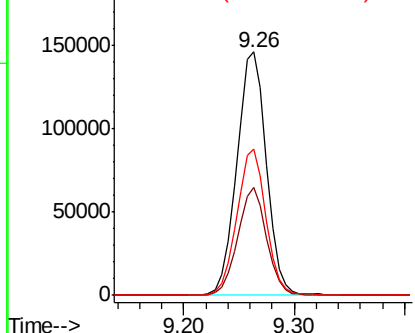
#23
 Nitrobenzene-d5
 Concen: 89.301 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BG038208.D
 Acq: 28 Nov 2018 20:32

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

Tgt Ion: 82 Resp: 274968
 Ion Ratio Lower Upper
 82 100
 128 44.1 34.6 51.8
 54 60.3 45.3 67.9

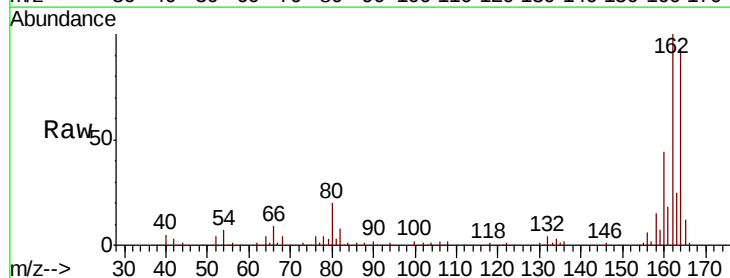


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

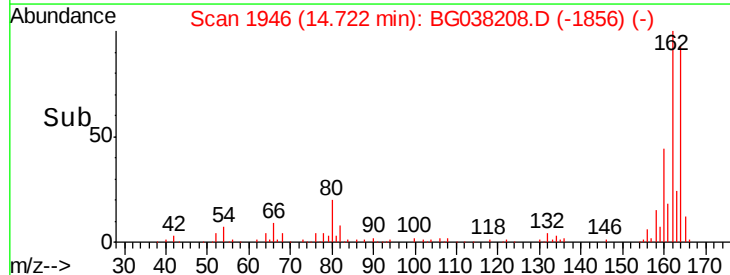
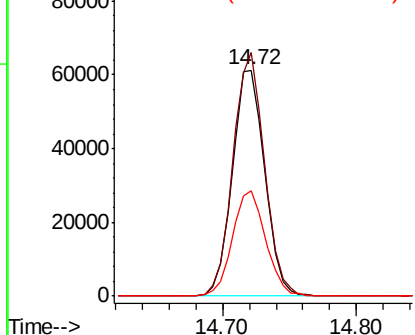


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.00 min
 Lab File: BG038208.D
 Acq: 28 Nov 2018 20:32

Tgt Ion: 164 Resp: 102872
 Ion Ratio Lower Upper
 164 100
 162 107.9 81.3 121.9
 160 46.9 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

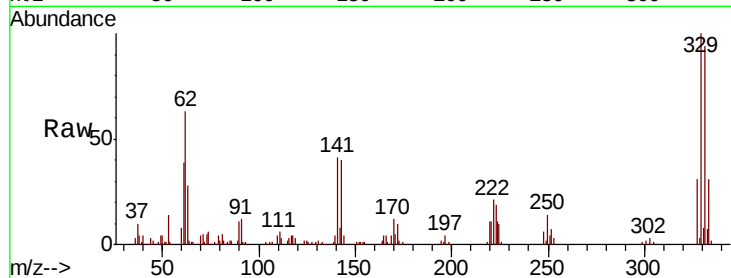




#42
 2,4,6-Tribromophenol
 Concen: 80.356 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG038208.D
 Acq: 28 Nov 2018 20:32

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.0	78.4	117.6
141	41.9	32.2	48.2

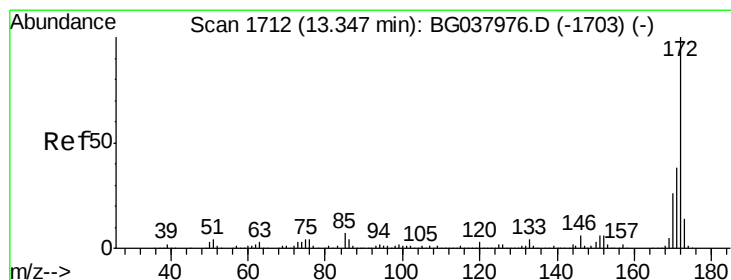
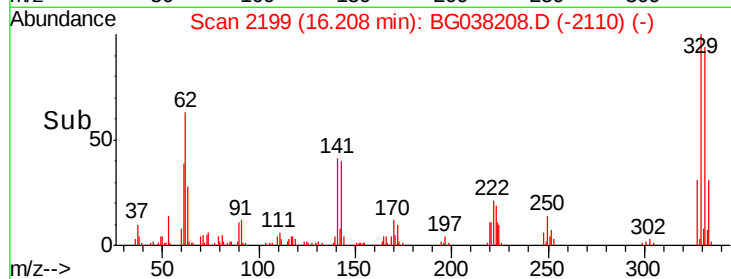
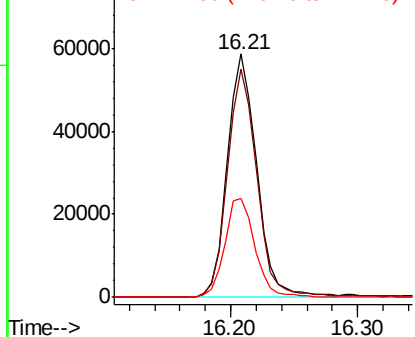


Abundance

Ion 329.80 (329.50 to 330.50): E

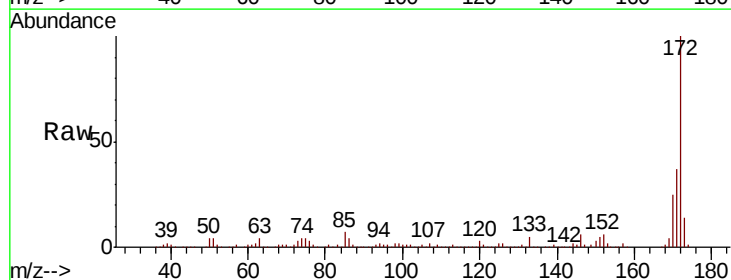
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 87.424 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038208.D
 Acq: 28 Nov 2018 20:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	31.0	46.4
170	24.8	20.2	30.2

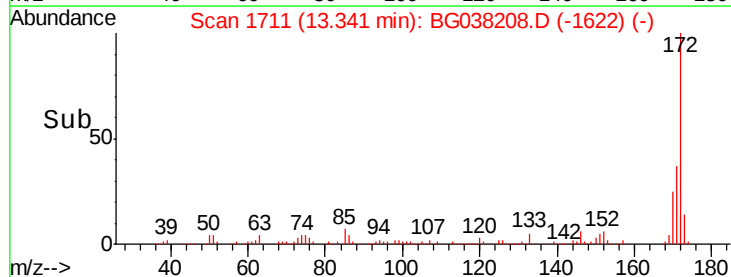
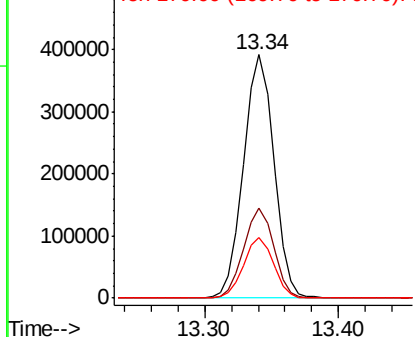


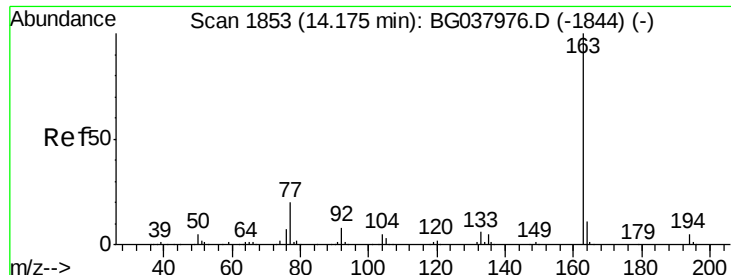
Abundance

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: 3.563 ng

RT: 14.16 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG038208.D

Acq: 28 Nov 2018 20:32

Instrument :

BNA_G

ClientSampleId :

112318-DBRI-F-D-B

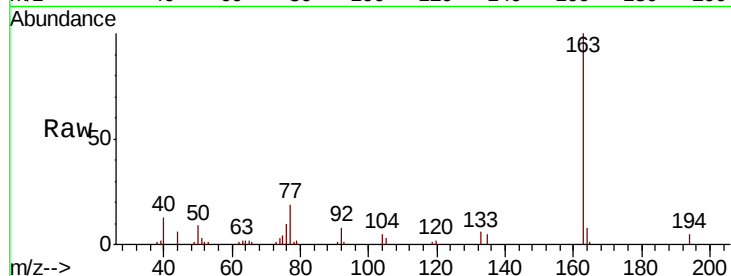
Tgt Ion:163 Resp: 29058

Ion Ratio Lower Upper

163 100

194 5.0 3.5 5.3

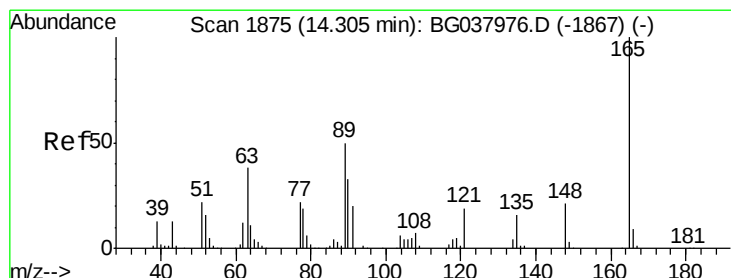
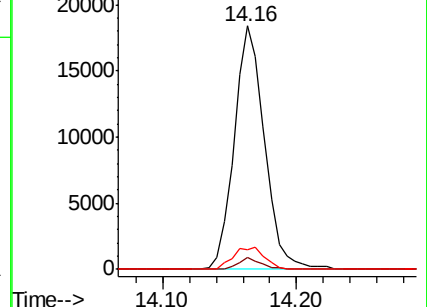
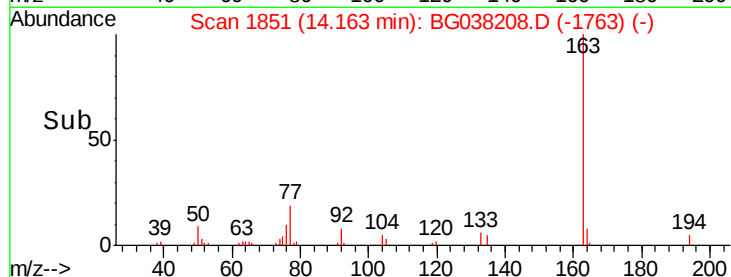
164 7.9 8.5 12.7#



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: 7.293 ng

RT: 14.72 min Scan# 1945

Delta R.T. 0.41 min

Lab File: BG038208.D

Acq: 28 Nov 2018 20:32

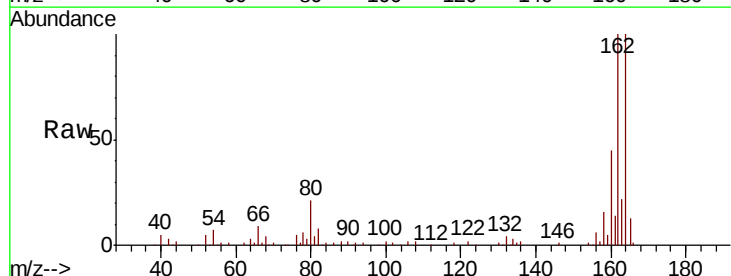
Tgt Ion:165 Resp: 13461

Ion Ratio Lower Upper

165 100

63 0.0 43.4 65.2#

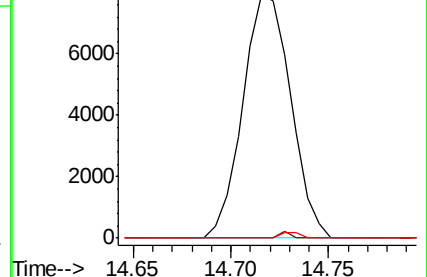
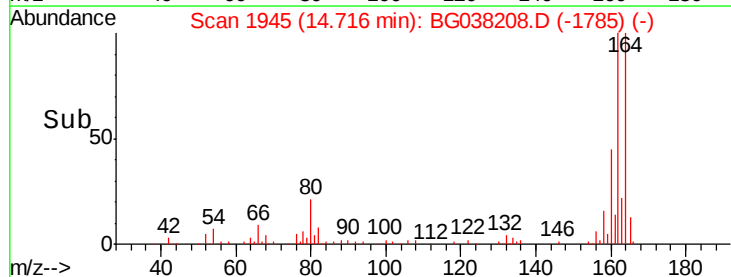
89 0.0 45.8 68.6#

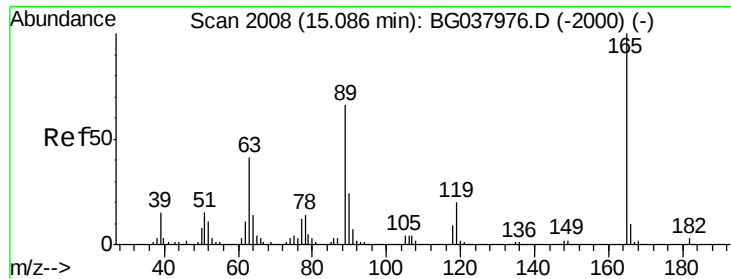


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

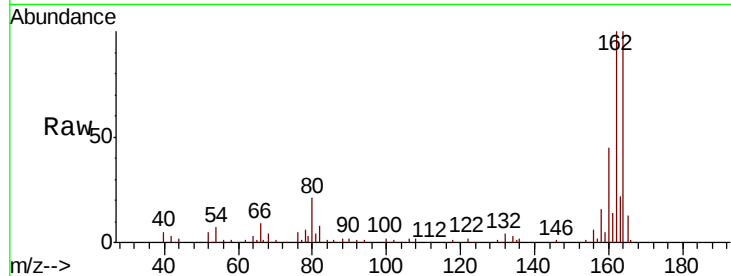




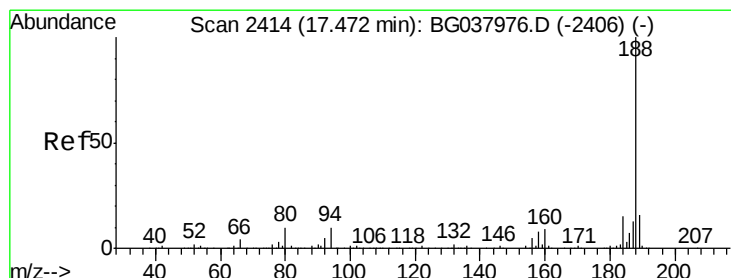
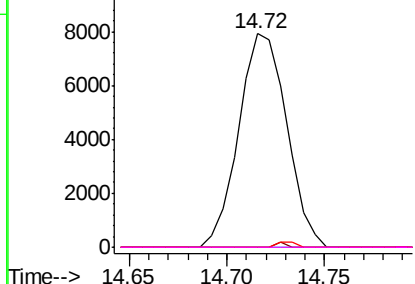
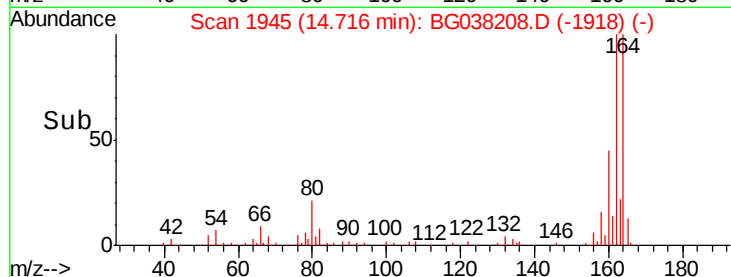
#57
 2,4-Dinitrotoluene
 Concen: 5.360 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG038208.D
 Acq: 28 Nov 2018 20:32

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

Tgt Ion:	165	Resp:	13461
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#

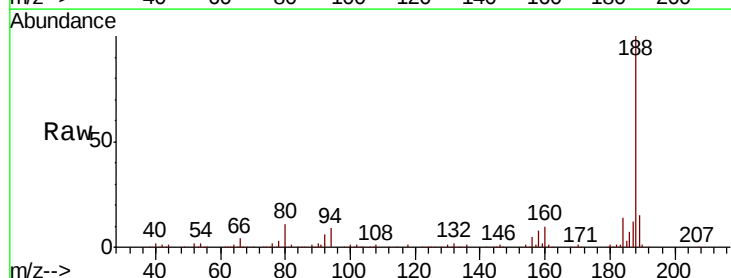


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

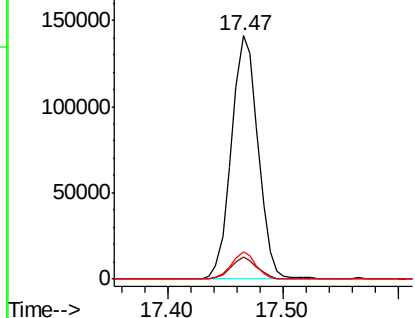
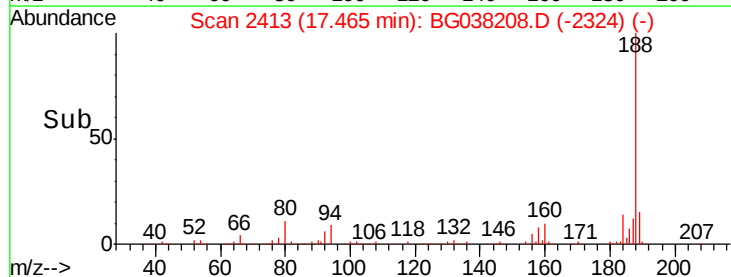


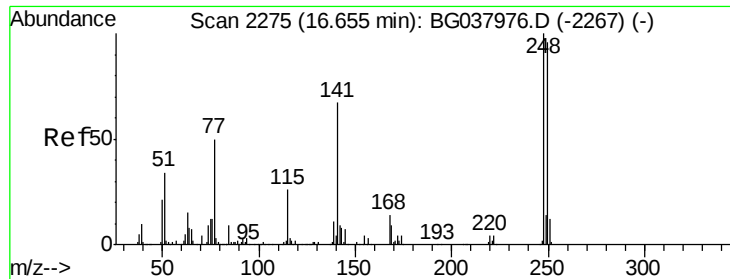
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BG038208.D
 Acq: 28 Nov 2018 20:32

Tgt Ion:	188	Resp:	225892
Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	11.4	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

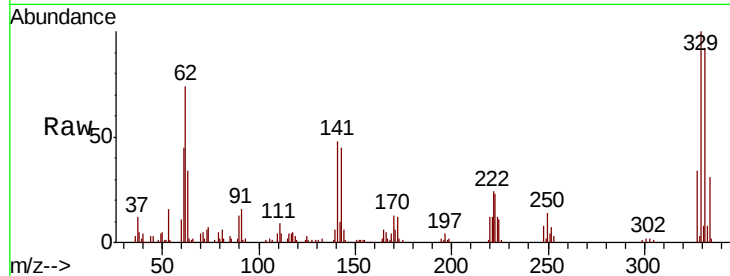




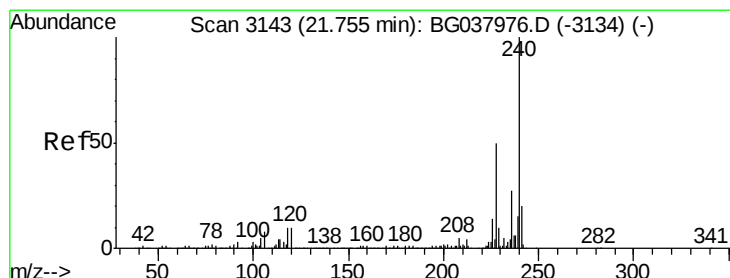
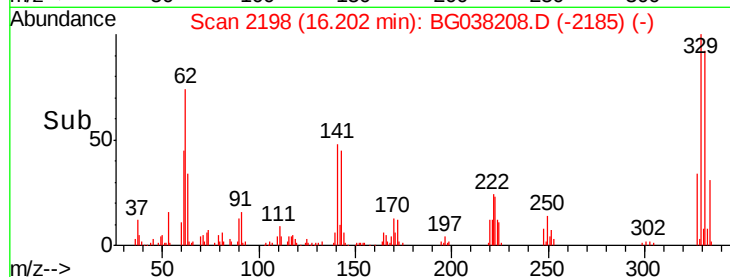
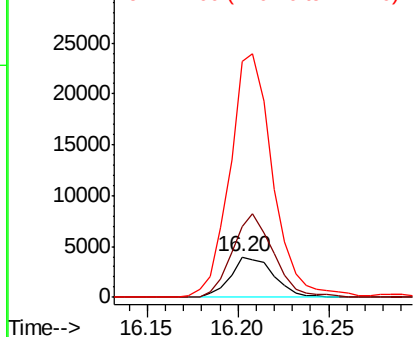
#67
4-Bromophenyl-phenylether
Concen: 2.653 ng
RT: 16.20 min Scan# 2198
Delta R.T. -0.45 min
Lab File: BG038208.D
Acq: 28 Nov 2018 20:32

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

Tgt Ion:248 Resp: 6578
Ion Ratio Lower Upper
248 100
250 179.3 77.0 115.6#
141 463.8 55.5 83.3#

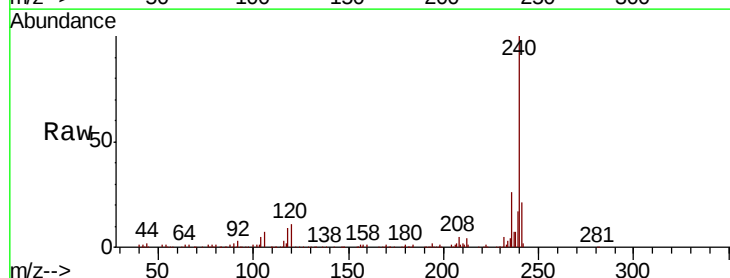


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

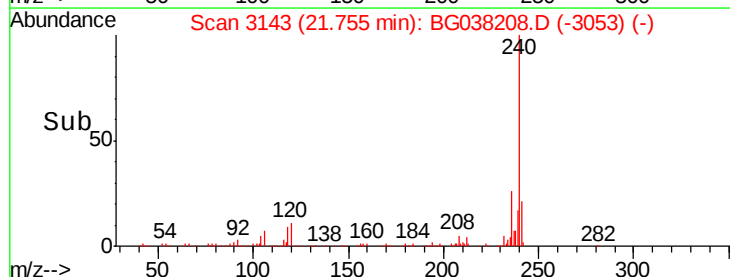
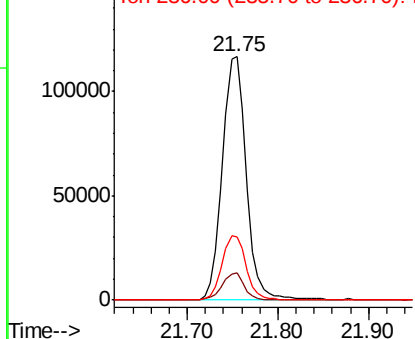


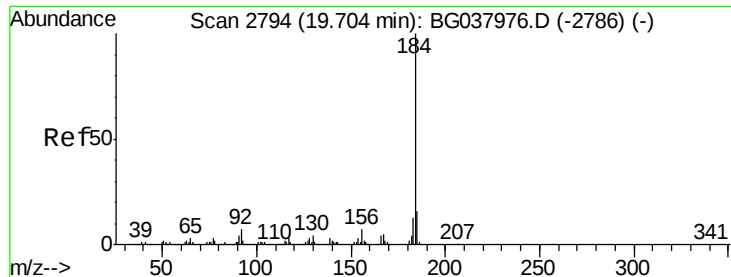
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BG038208.D
Acq: 28 Nov 2018 20:32

Tgt Ion:240 Resp: 214074
Ion Ratio Lower Upper
240 100
120 11.0 8.1 12.1
236 26.0 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: 2.103 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.36 min

Lab File: BG038208.D

Acq: 28 Nov 2018 20:32

Instrument :

BNA_G

ClientSampleId :

112318-DBRI-F-D-B

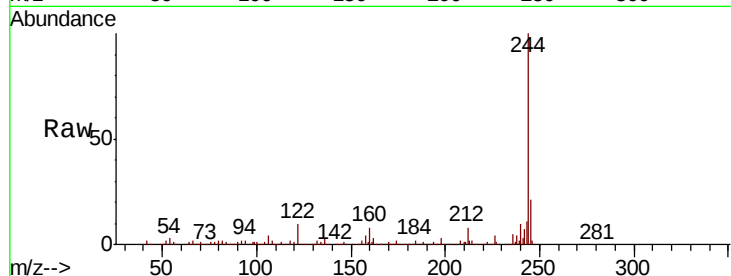
Tgt Ion:184 Resp: 15799

Ion Ratio Lower Upper

184 100

185 18.8 12.6 18.8

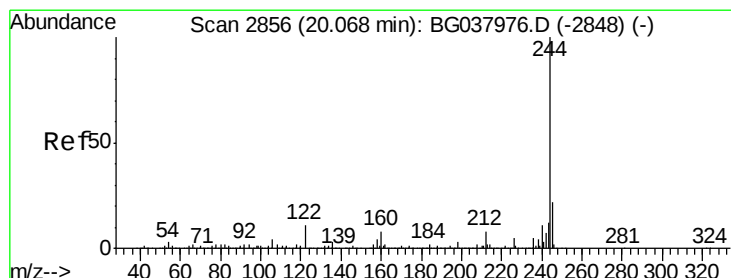
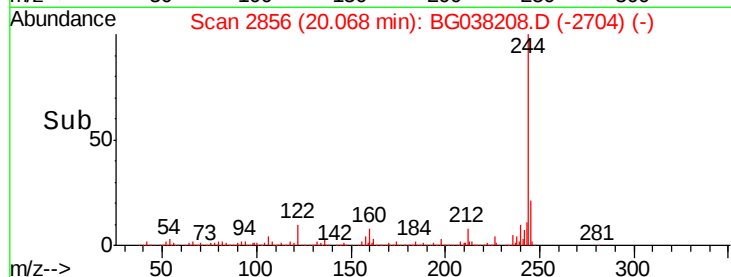
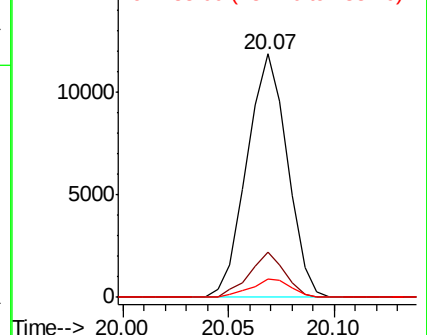
183 7.3 10.2 15.2#



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: 100.204 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038208.D

Acq: 28 Nov 2018 20:32

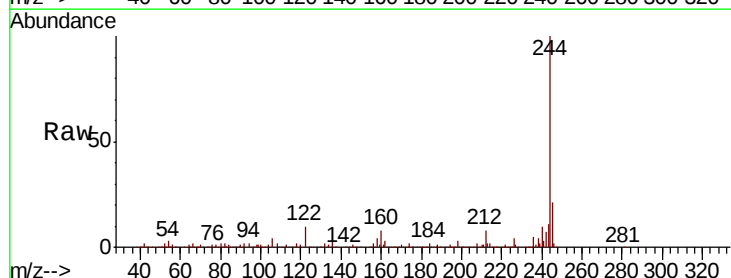
Tgt Ion:244 Resp: 911641

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

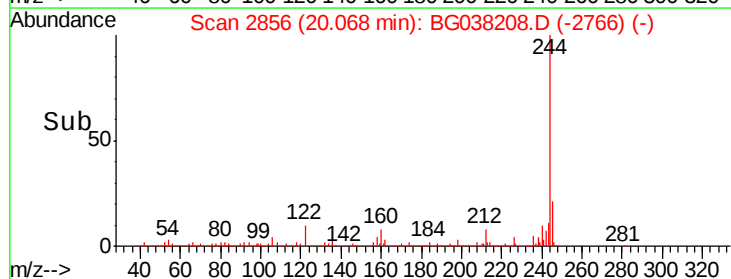
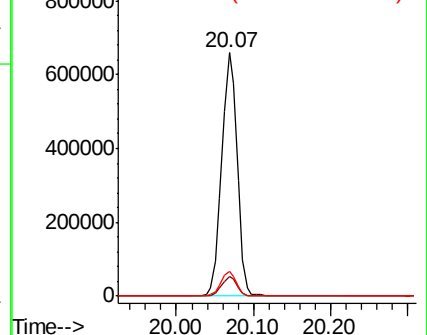
122 10.2 9.0 13.4

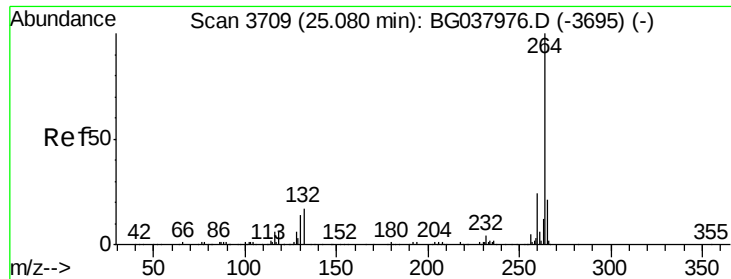


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG038208.D
Acq: 28 Nov 2018 20:32

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.2	27.4
265	20.2	17.9	26.9

