

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111418\
 Data File : BG038009.D
 Acq On : 14 Nov 2018 22:54
 Operator : JU/SJ
 Sample : J5889-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BOTTOM-A

Quant Time: Nov 15 00:49:47 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

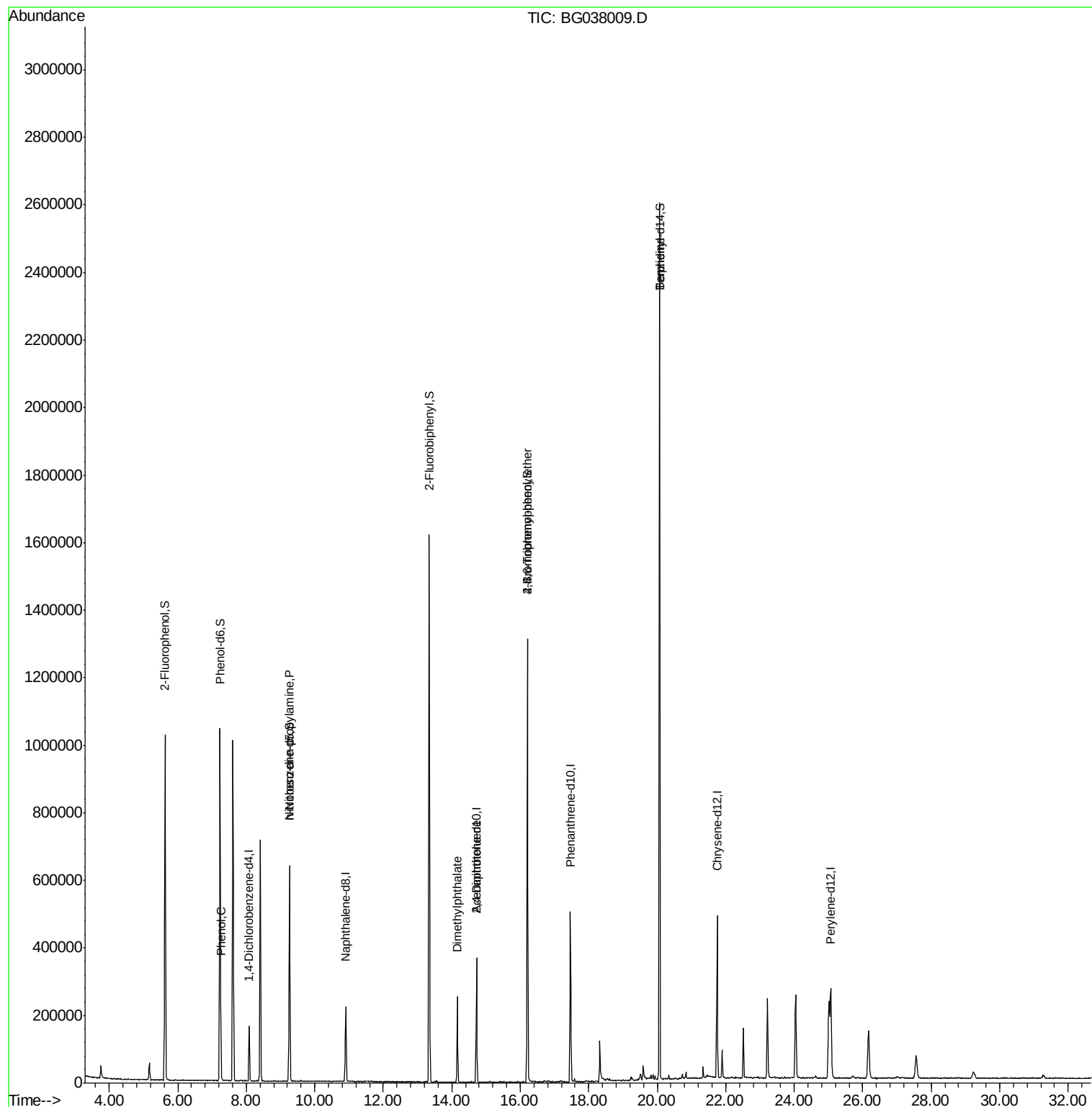
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	48287	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	205724	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	134877	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	318836	20.00	ng	0.00
76) Chrysene-d12	21.75	240	289801	20.00	ng	0.00
87) Perylene-d12	25.07	264	296399	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	467218	167.06	ng	0.00
7) Phenol-d6	7.23	99	655375	164.17	ng	0.00
23) Nitrobenzene-d5	9.26	82	403050	104.88	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	234968	152.75	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	876634	94.69	ng	0.00
79) Terphenyl-d14	20.07	244	1214008	98.57	ng	0.00
Target Compounds						
10) Phenol	7.26	94	33739	7.979	ng	95
19) n-Nitroso-di-n-propylamine	9.26	70	49309	17.070	ng	# 71
50) Dimethylphthalate	14.16	163	174782	16.346	ng	98
57) 2,4-Dinitrotoluene	14.71	165	17016	5.168	ng	# 23
67) 4-Bromophenyl-phenylether	16.21	248	17089	4.883	ng	# 1
77) Benzidine	20.07	184	20403	2.006	ng	97

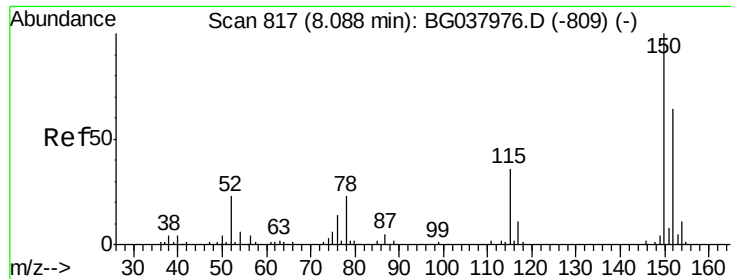
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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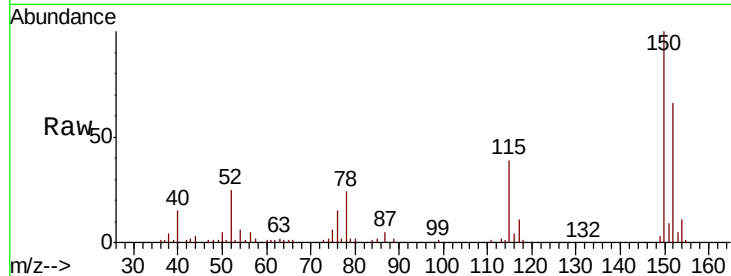




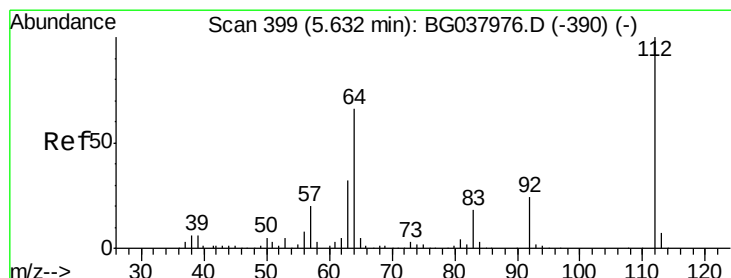
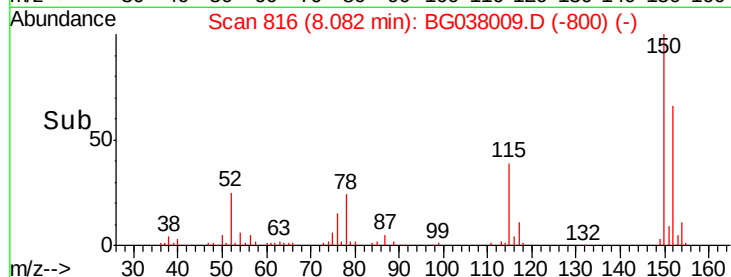
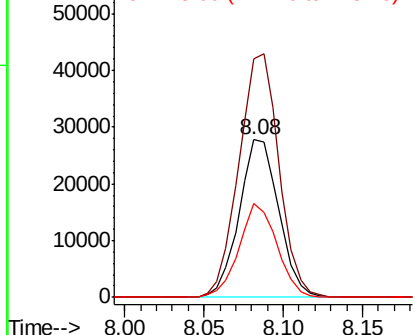
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BG038009.D
 Acq: 14 Nov 2018 22:54

Instrument :
 BNA_G
 ClientSampleId :
 BOTTOM-A

Tgt Ion:152 Resp: 48287
 Ion Ratio Lower Upper
 152 100
 150 152.0 126.0 189.0
 115 59.3 45.5 68.3

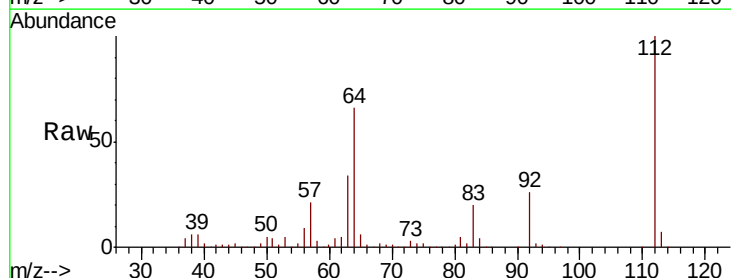


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

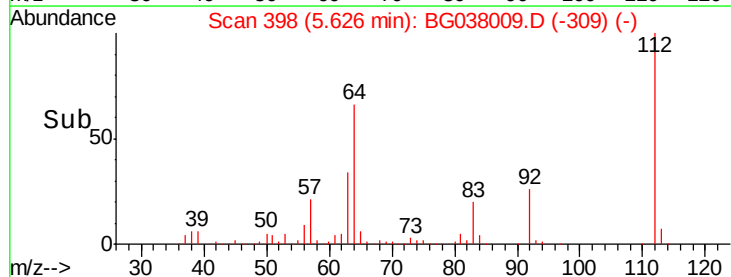
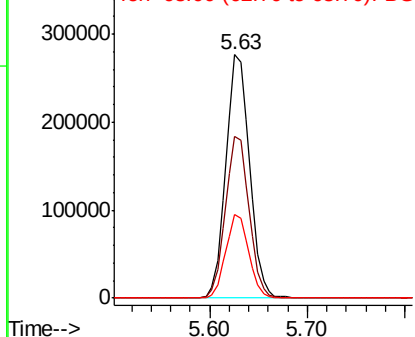


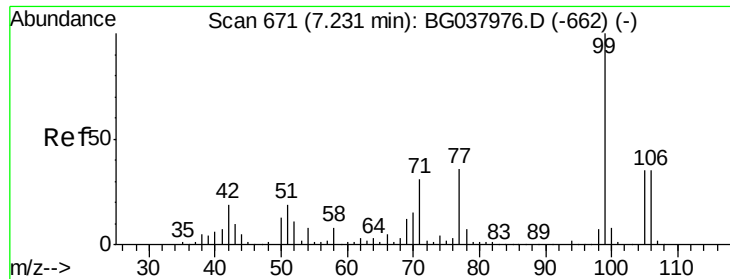
#5
 2-Fluorophenol
 Concen: 167.060 ng
 RT: 5.63 min Scan# 398
 Delta R.T. -0.01 min
 Lab File: BG038009.D
 Acq: 14 Nov 2018 22:54

Tgt Ion:112 Resp: 467218
 Ion Ratio Lower Upper
 112 100
 64 66.5 53.1 79.7
 63 34.1 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: 164.167 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038009.D

Acq: 14 Nov 2018 22:54

Instrument :

BNA_G

ClientSampleId :

BOTTOM-A

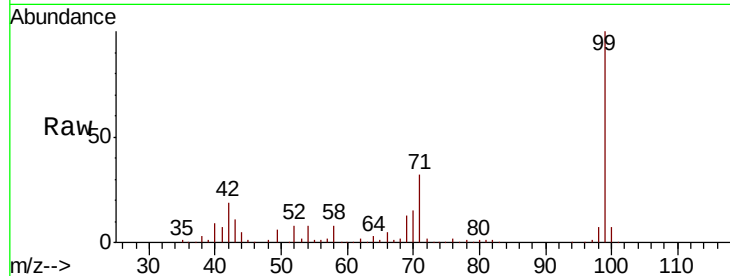
Tgt Ion: 99 Resp: 655375

Ion Ratio Lower Upper

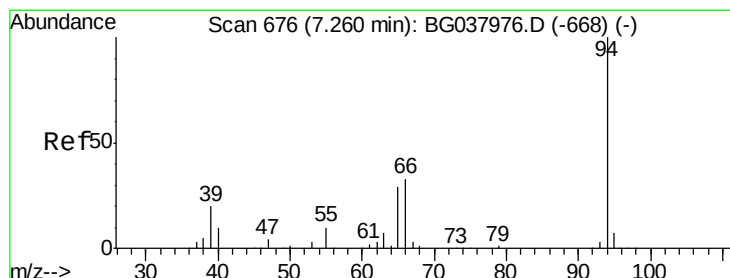
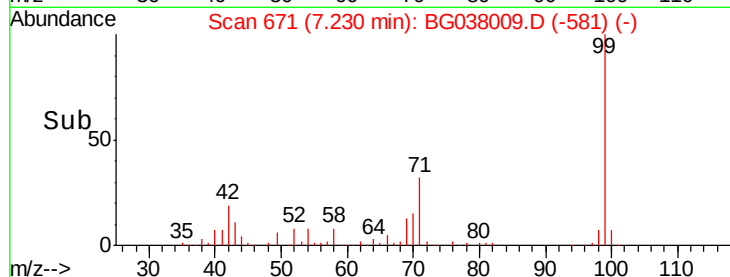
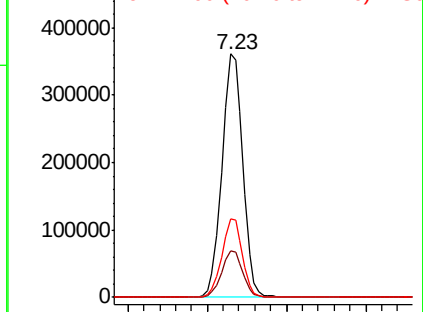
99 100

42 18.9 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: 7.979 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG038009.D

Acq: 14 Nov 2018 22:54

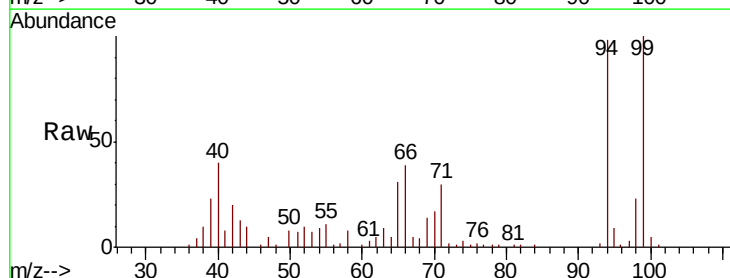
Tgt Ion: 94 Resp: 33739

Ion Ratio Lower Upper

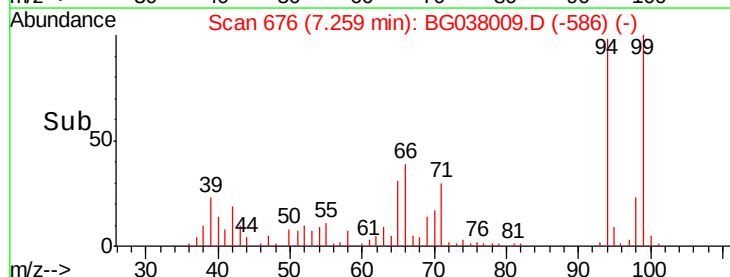
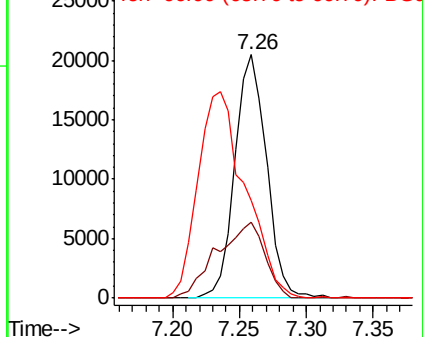
94 100

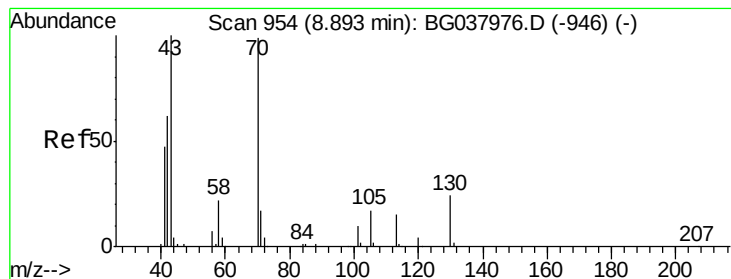
65 31.3 9.7 49.7

66 39.9 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: 17.070 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.37 min

Lab File: BG038009.D

Acq: 14 Nov 2018 22:54

Instrument :

BNA_G

ClientSampleId :

BOTTOM-A

Tgt Ion: 70 Resp: 49309

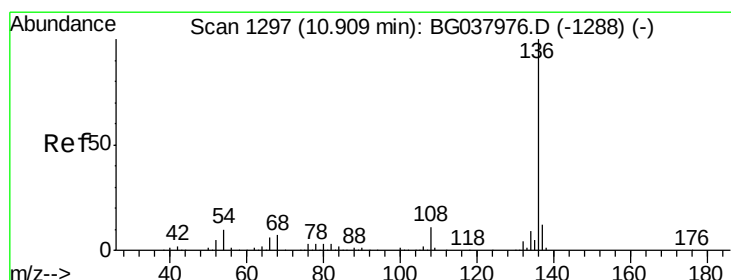
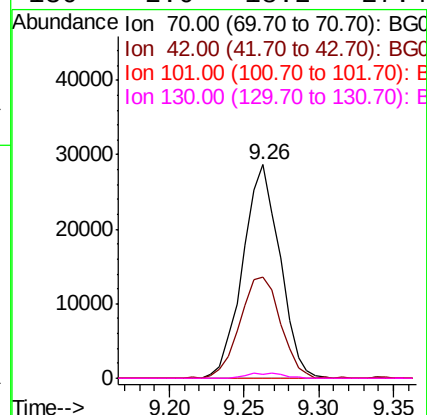
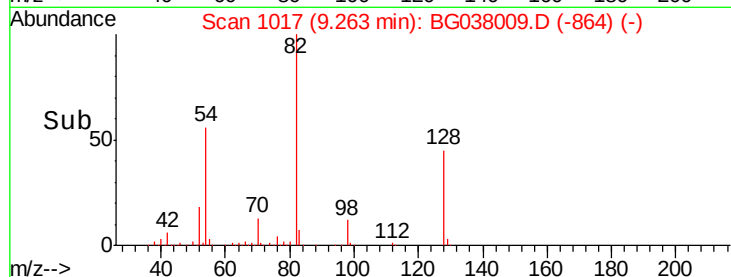
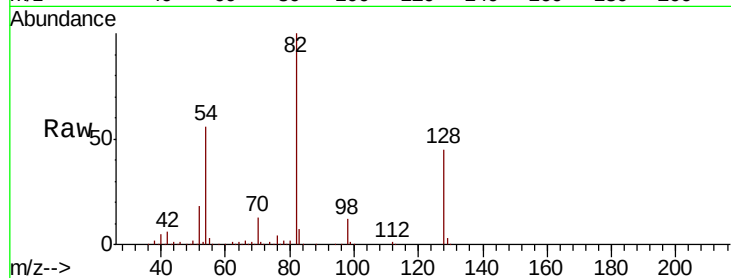
Ion Ratio Lower Upper

70 100

42 47.5 53.9 80.9#

101 0.0 8.2 12.2#

130 2.0 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: BG038009.D

Acq: 14 Nov 2018 22:54

Tgt Ion: 136 Resp: 205724

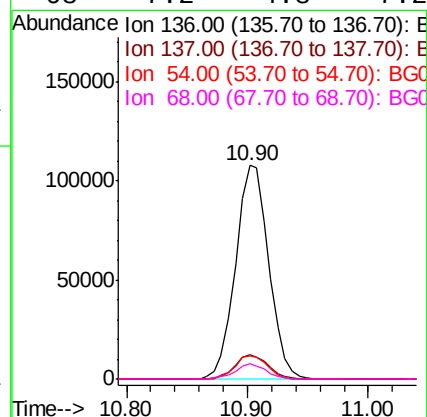
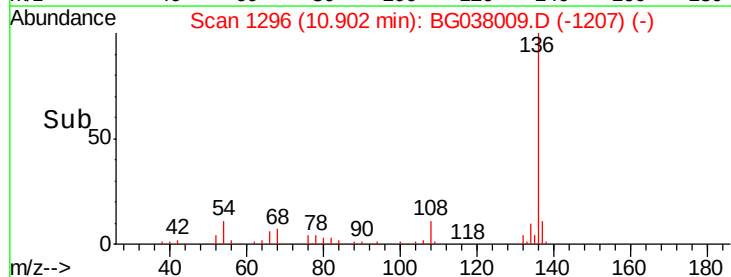
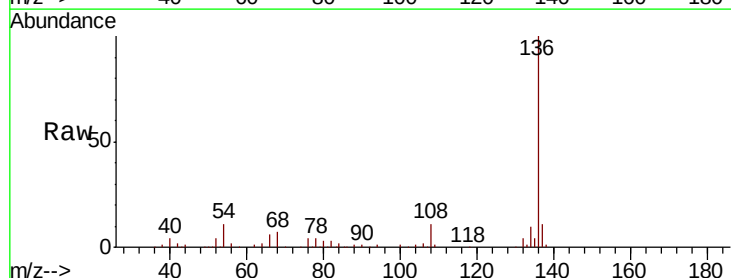
Ion Ratio Lower Upper

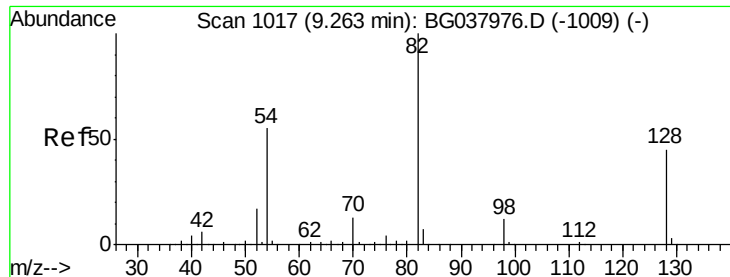
136 100

137 11.2 9.6 14.4

54 10.8 7.9 11.9

68 7.2 4.8 7.2#

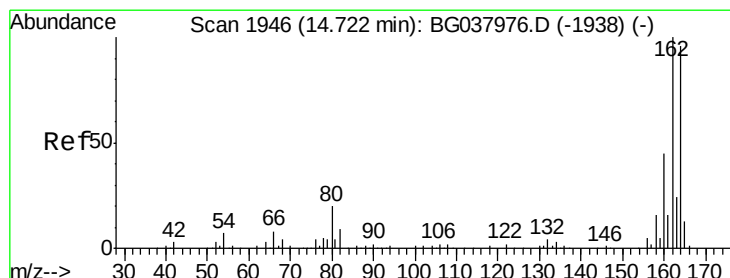
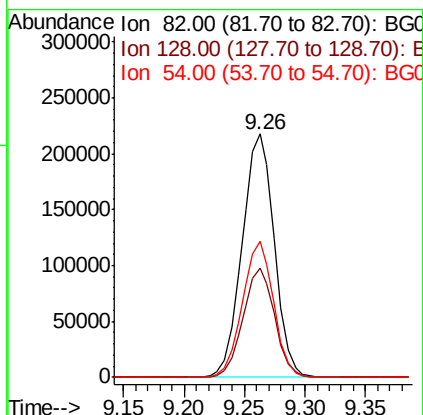
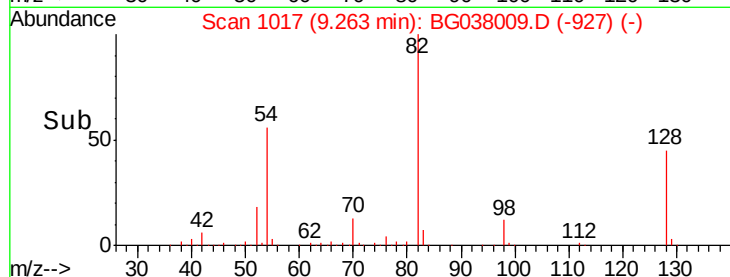
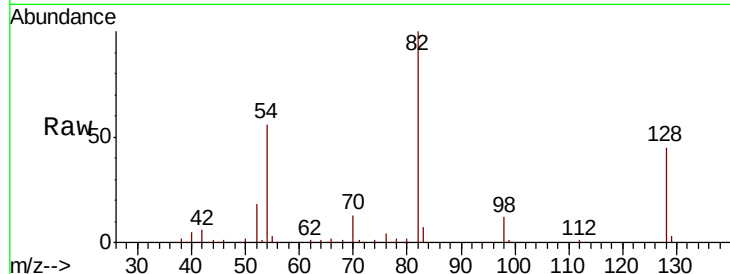




#23
Nitrobenzene-d5
Concen: 104.876 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038009.D
Acq: 14 Nov 2018 22:54

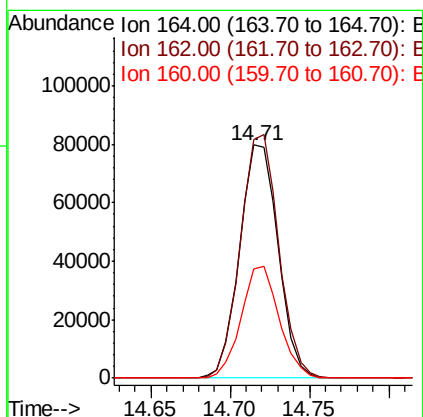
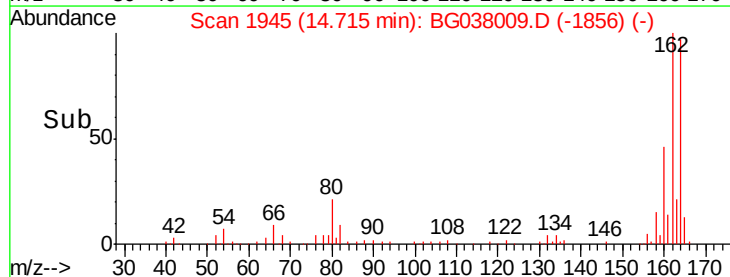
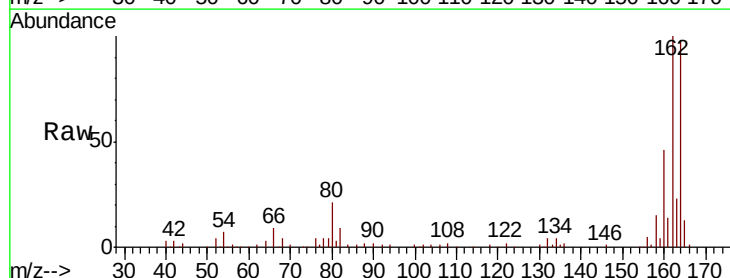
Instrument :
BNA_G
ClientSampleId :
BOTTOM-A

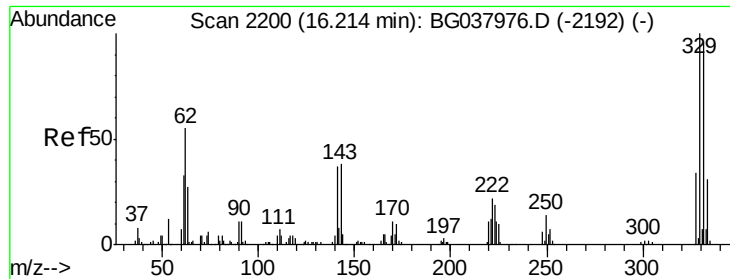
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.6	51.8
54	55.7	45.3	67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG038009.D
Acq: 14 Nov 2018 22:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.3	121.9
160	46.9	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 152.751 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038009.D

Acq: 14 Nov 2018 22:54

Instrument :

BNA_G

ClientSampleId :

BOTTOM-A

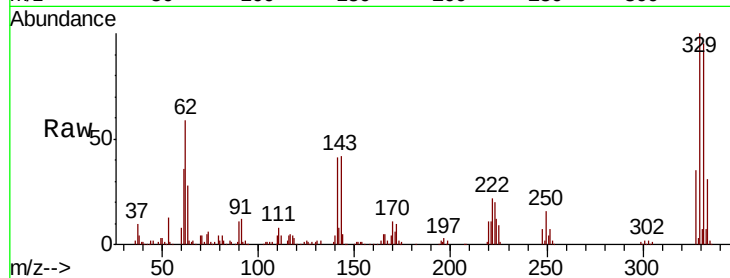
Tgt Ion:330 Resp: 234968

Ion Ratio Lower Upper

330 100

332 95.6 78.4 117.6

141 41.1 32.2 48.2

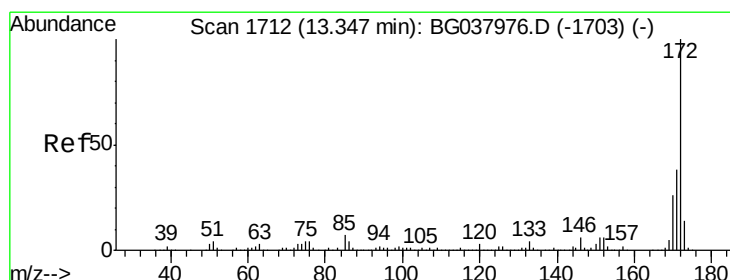
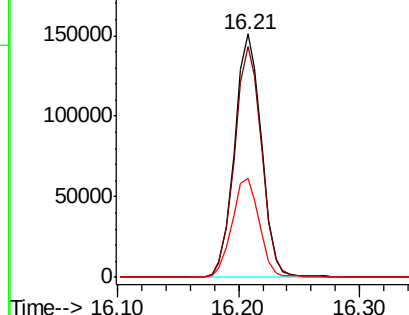
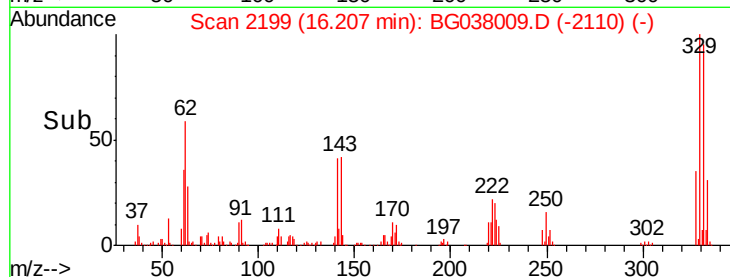


Abundance

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: 94.688 ng

RT: 13.34 min Scan# 1711

Delta R.T. -0.01 min

Lab File: BG038009.D

Acq: 14 Nov 2018 22:54

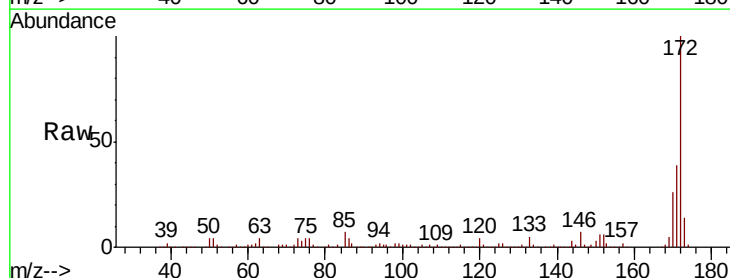
Tgt Ion:172 Resp: 876634

Ion Ratio Lower Upper

172 100

171 38.8 31.0 46.4

170 25.8 20.2 30.2

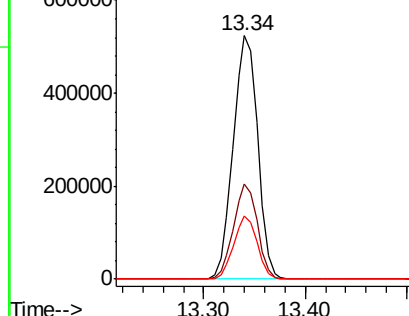
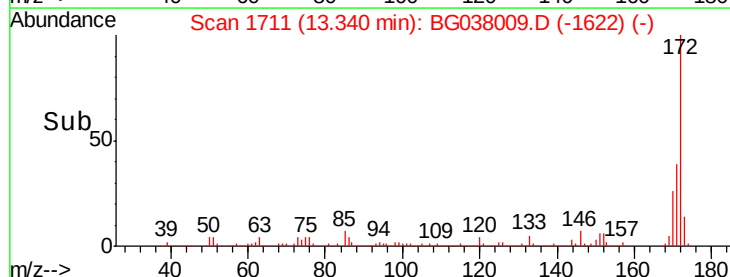


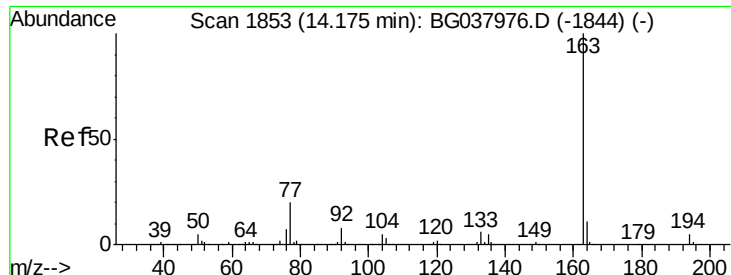
Abundance

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: 16.346 ng

RT: 14.16 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG038009.D

Acq: 14 Nov 2018 22:54

Instrument :

BNA_G

ClientSampleId :

BOTTOM-A

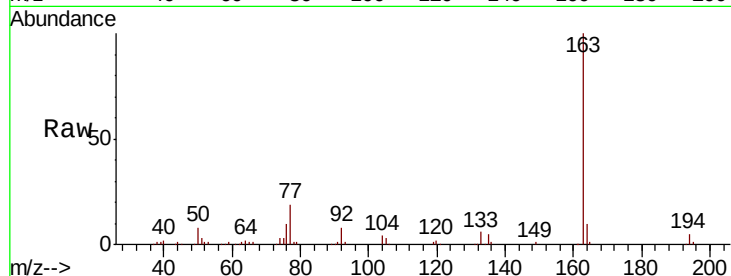
Tgt Ion:163 Resp: 174782

Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

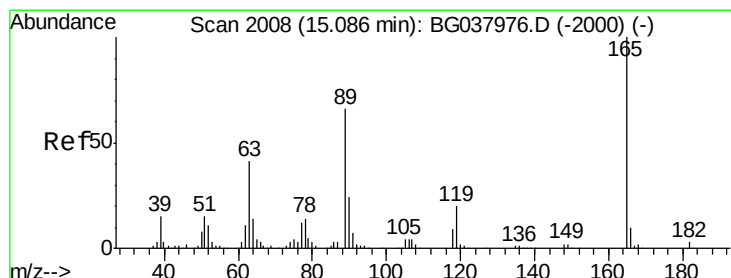
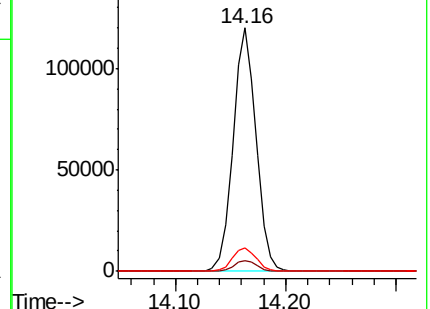
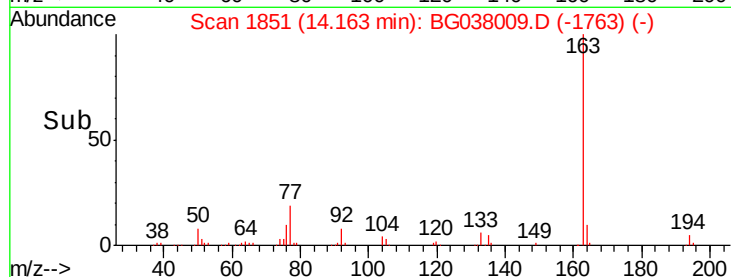
164 9.8 8.5 12.7



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



#57

2,4-Dinitrotoluene

Concen: 5.168 ng

RT: 14.71 min Scan# 1945

Delta R.T. -0.37 min

Lab File: BG038009.D

Acq: 14 Nov 2018 22:54

Tgt Ion:165 Resp: 17016

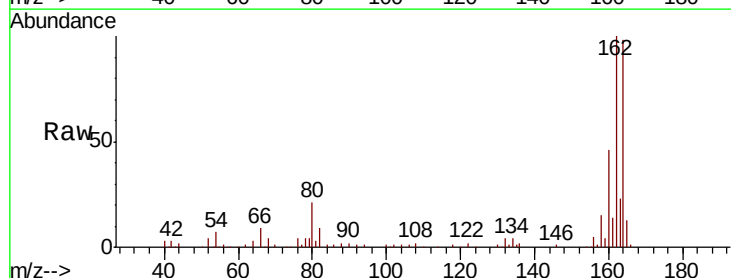
Ion Ratio Lower Upper

165 100

63 0.0 33.4 50.0#

89 0.0 57.2 85.8#

182 0.0 2.6 4.0#

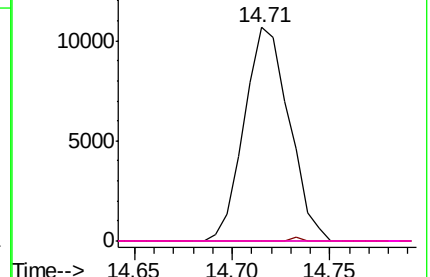
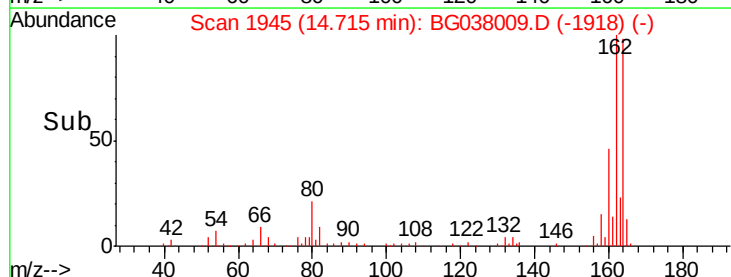


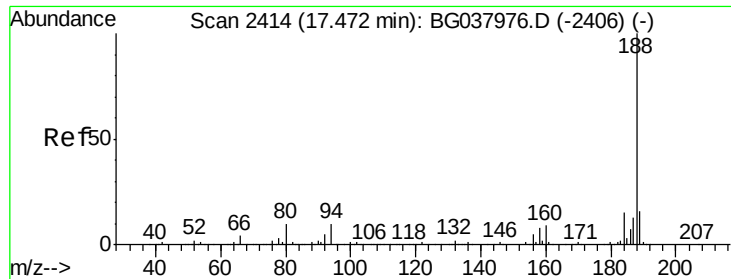
Abundance Ion 165.00 (164.70 to 165.70): E

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

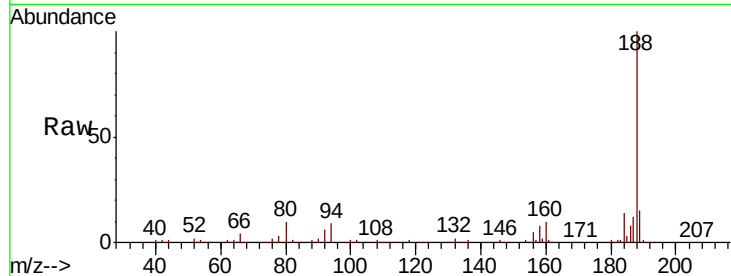




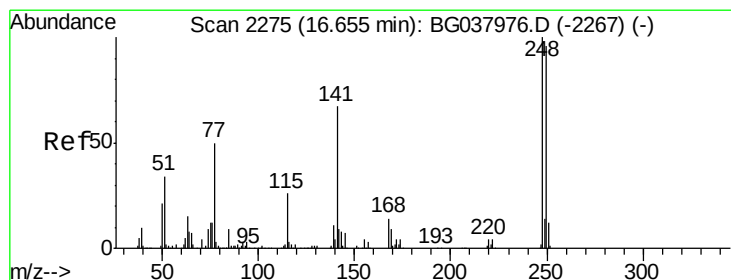
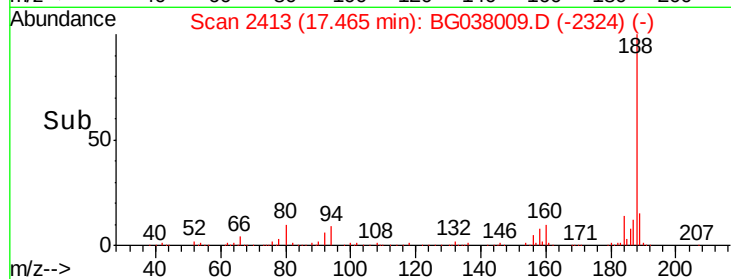
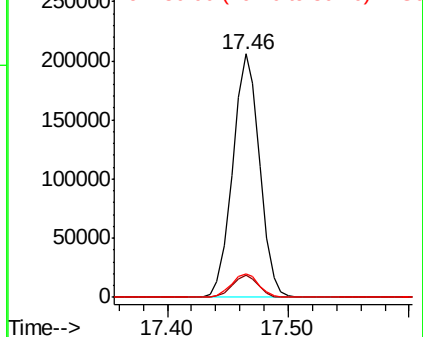
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.46 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BG038009.D
 Acq: 14 Nov 2018 22:54

Instrument :
 BNA_G
 ClientSampleId :
 BOTTOM-A

Tgt Ion:188 Resp: 318836
 Ion Ratio Lower Upper
 188 100
 94 9.3 7.2 10.8
 80 9.7 7.7 11.5

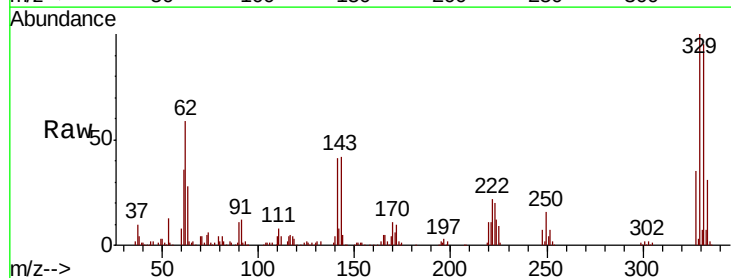


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGO
 Ion 80.00 (79.70 to 80.70): BGO

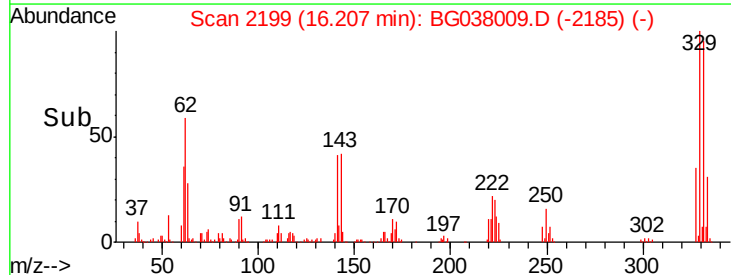
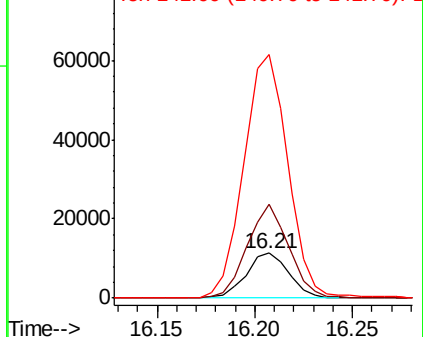


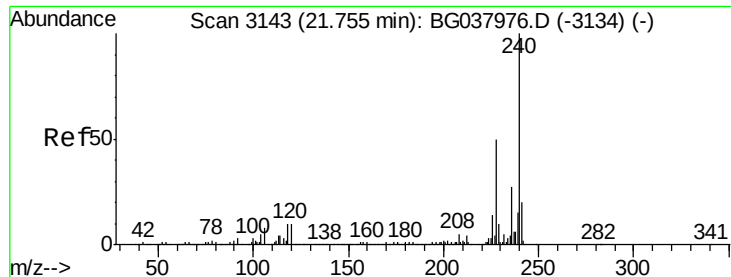
#67
 4-Bromophenyl-phenylether
 Concen: 4.883 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.45 min
 Lab File: BG038009.D
 Acq: 14 Nov 2018 22:54

Tgt Ion:248 Resp: 17089
 Ion Ratio Lower Upper
 248 100
 250 201.7 77.0 115.6#
 141 409.1 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

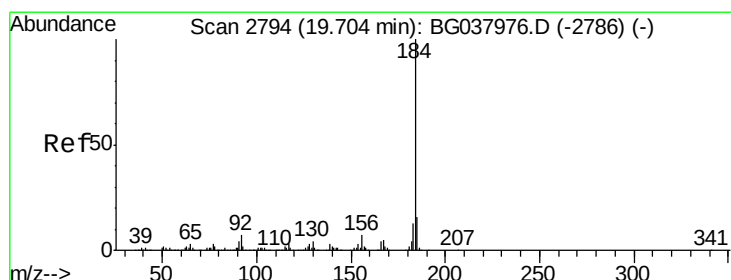
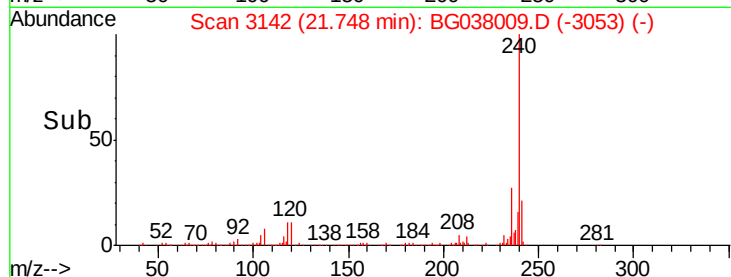
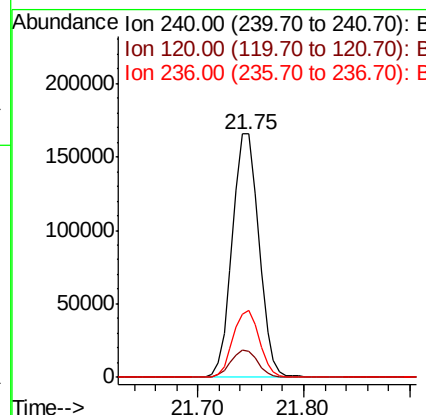
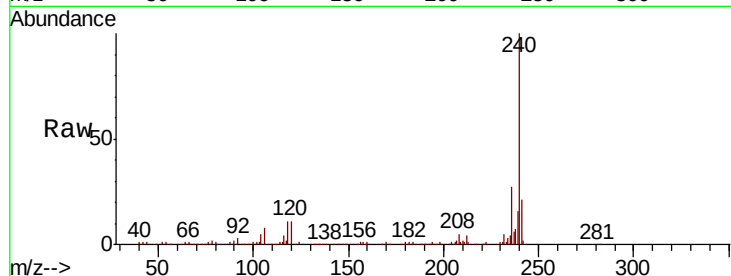




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG038009.D
Acq: 14 Nov 2018 22:54

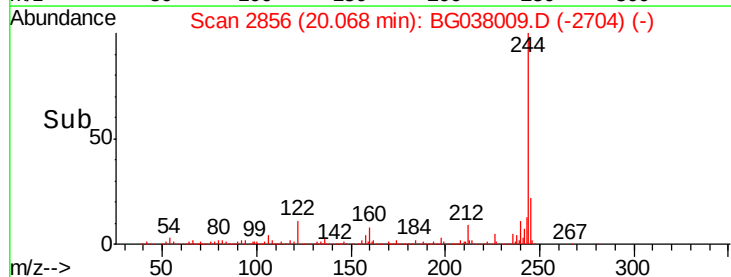
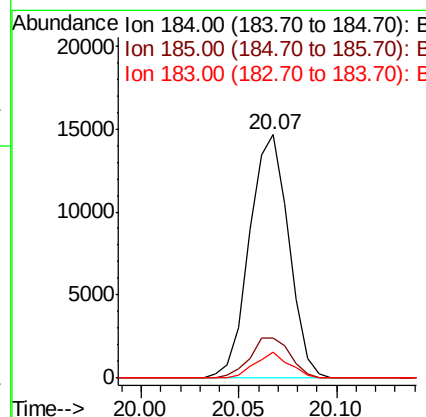
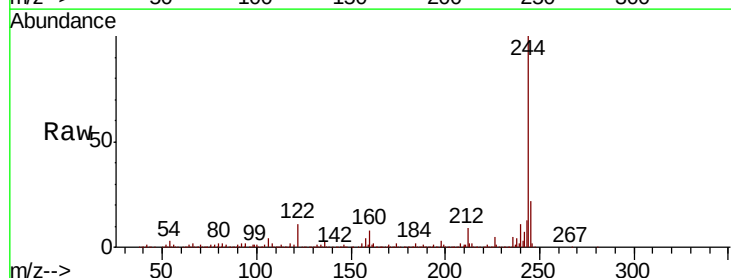
Instrument :
BNA_G
ClientSampleId :
BOTTOM-A

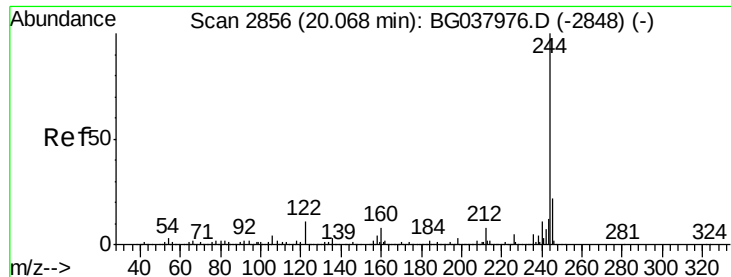
Tgt Ion:240 Resp: 289801
Ion Ratio Lower Upper
240 100
120 10.8 8.1 12.1
236 27.4 21.4 32.0



#77
Benzidine
Concen: 2.006 ng
RT: 20.07 min Scan# 2856
Delta R.T. 0.36 min
Lab File: BG038009.D
Acq: 14 Nov 2018 22:54

Tgt Ion:184 Resp: 20403
Ion Ratio Lower Upper
184 100
185 16.4 12.6 18.8
183 10.6 10.2 15.2





#79

Terphenyl-d14

Concen: 98.570 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG038009.D

Acq: 14 Nov 2018 22:54

Instrument :

BNA_G

ClientSampleId :

BOTTOM-A

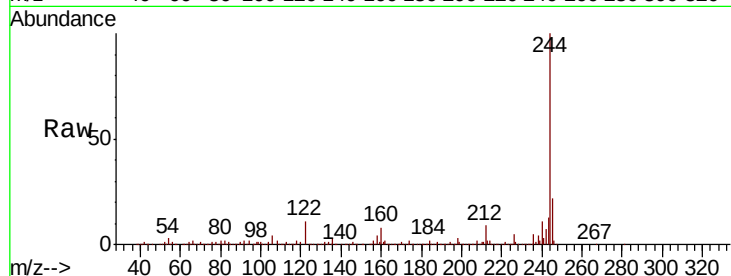
Tgt Ion:244 Resp: 1214008

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

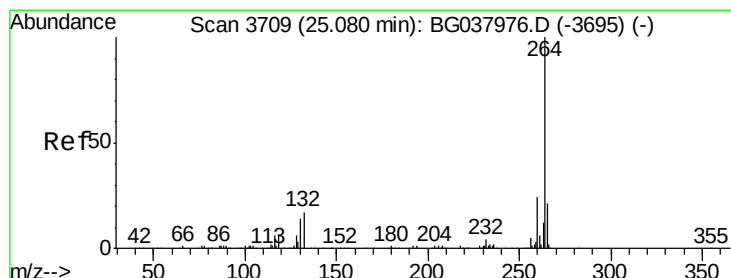
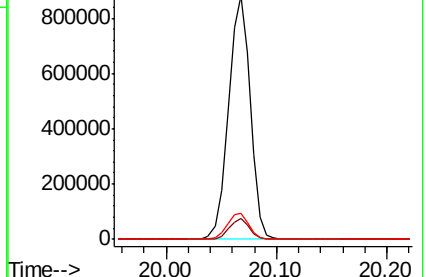
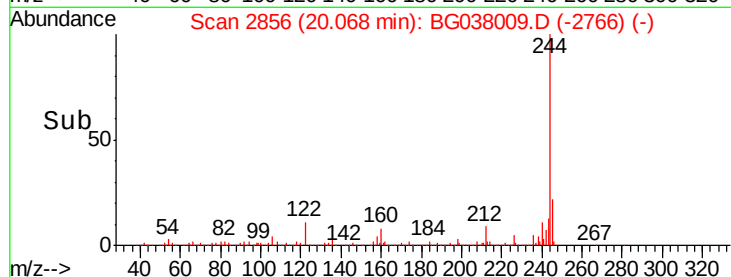
122 10.9 9.0 13.4



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# 3707

Delta R.T. -0.01 min

Lab File: BG038009.D

Acq: 14 Nov 2018 22:54

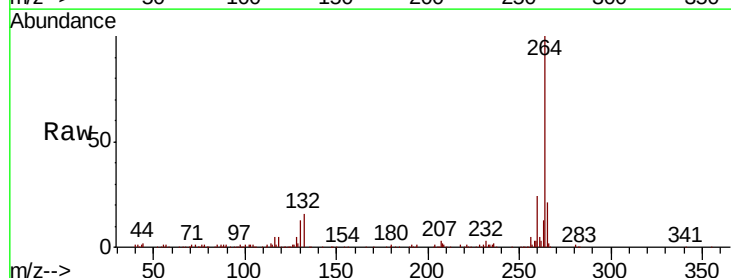
Tgt Ion:264 Resp: 296399

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.4

265 21.1 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

