

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111418\
 Data File : BG038007.D
 Acq On : 14 Nov 2018 21:36
 Operator : JU/SJ
 Sample : J5889-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WALL-C

Quant Time: Nov 15 00:49:29 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

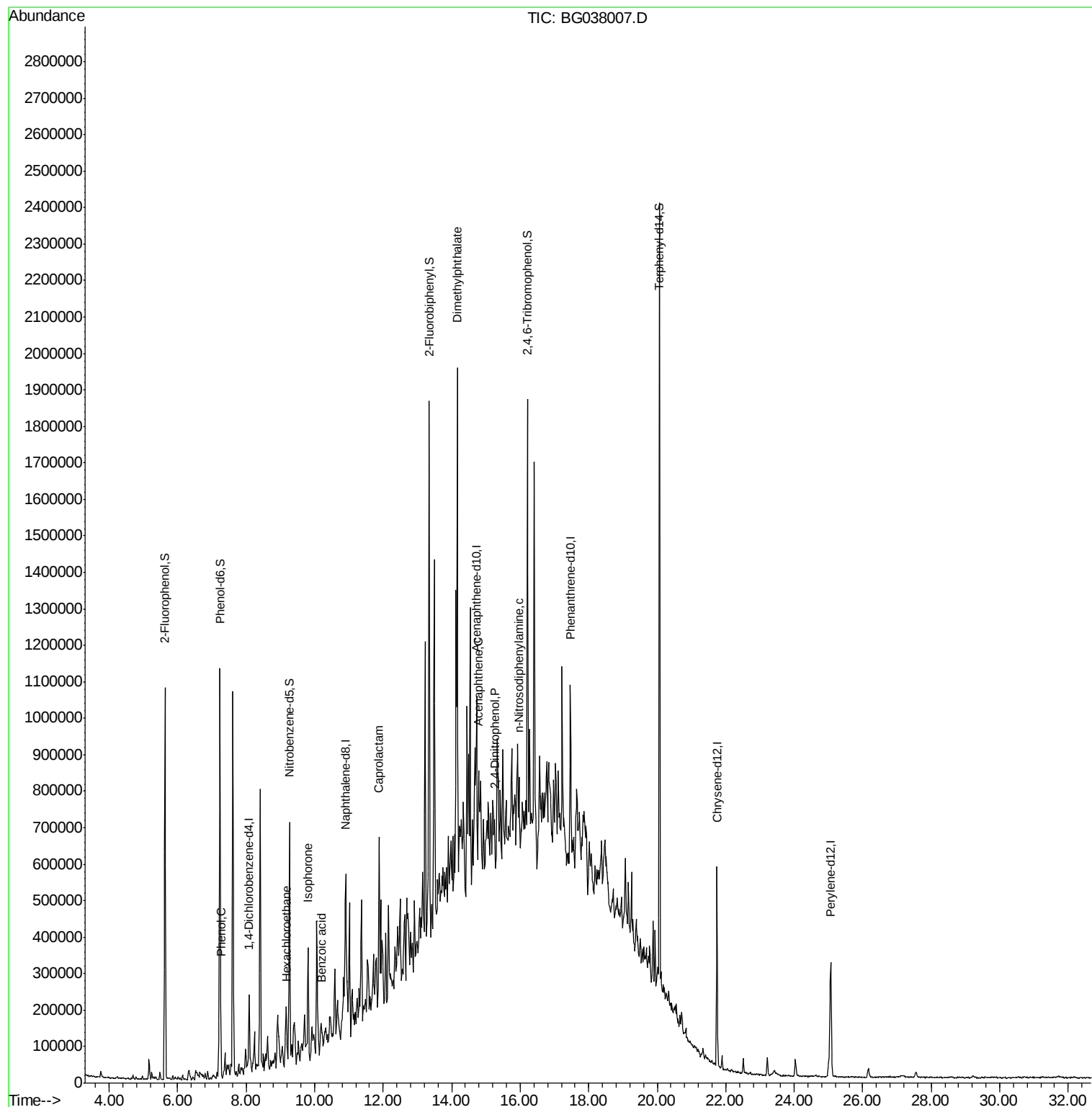
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	62699	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	253206	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	150391	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	313021	20.00	ng	0.00
76) Chrysene-d12	21.74	240	322282	20.00	ng	-0.01
87) Perylene-d12	25.06	264	352296	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	485351	133.65	ng	0.00
7) Phenol-d6	7.23	99	675780	130.37	ng	0.00
23) Nitrobenzene-d5	9.26	82	397635	84.06	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	213169	124.28	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	778697	75.43	ng	0.00
79) Terphenyl-d14	20.06	244	1014088	74.04	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.26	94	49387	8.995	ng	97
18) Hexachloroethane	9.19	117	9835	5.511	ng	# 7
25) Isophorone	9.80	82	29000	3.406	ng	# 1
32) Benzoic acid	10.20	122	644	12.537	ng	# 1
35) Caprolactam	11.88	113	17809	10.868	ng	# 13
50) Dimethylphthalate	14.17	163	99842	8.374	ng	# 99
52) Acenaphthene	14.79	154	17670	2.024	ng	# 91
54) 2,4-Dinitrophenol	15.26	184	4832	12.217	ng	90
66) n-Nitrosodiphenylamine	15.96	169	66750	7.049	ng	# 36

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

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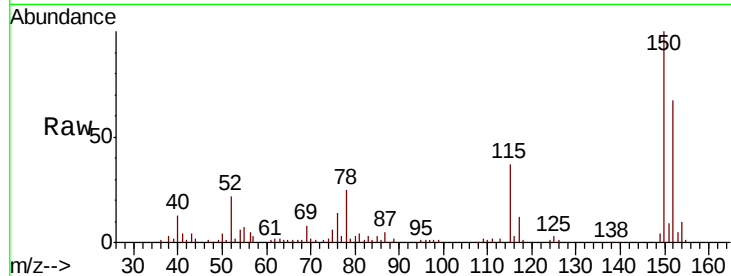


#1

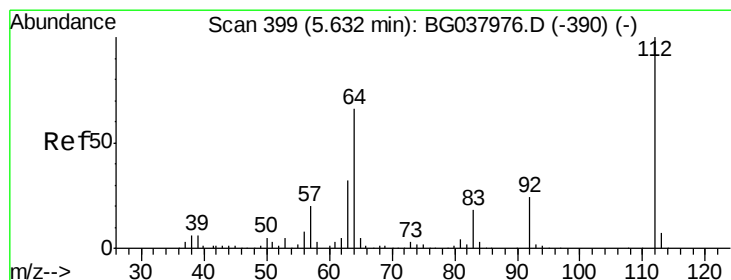
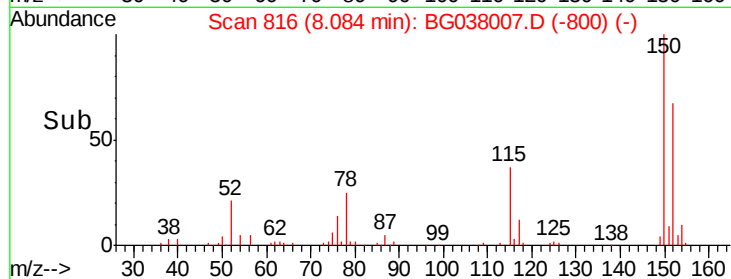
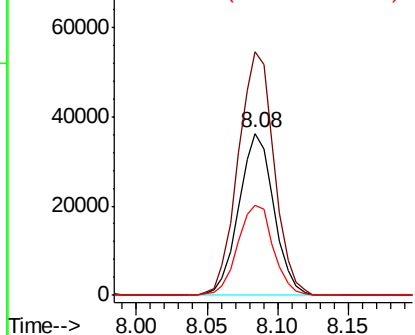
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038007.D
Acq: 14 Nov 2018 21:36

Instrument :
BNA_G
ClientSampleId :
WALL-C

Tgt Ion:152 Resp: 62699
Ion Ratio Lower Upper
152 100
150 150.2 126.0 189.0
115 55.7 45.5 68.3



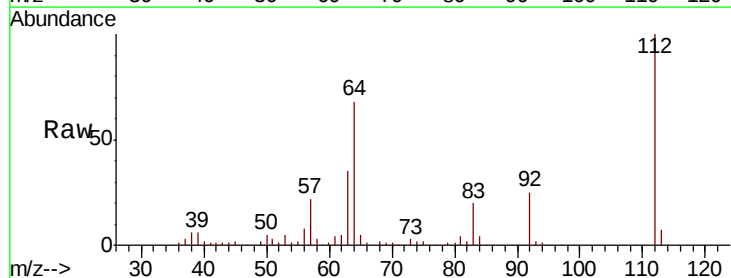
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



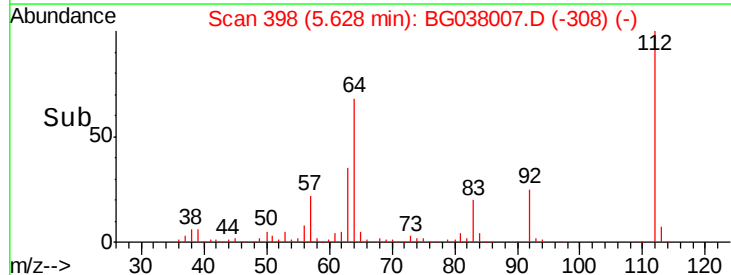
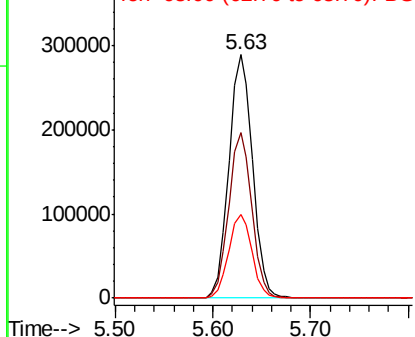
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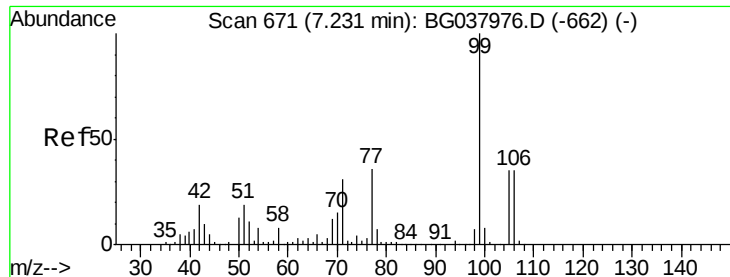
2-Fluorophenol
Concen: 133.653 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.00 min
Lab File: BG038007.D
Acq: 14 Nov 2018 21:36

Tgt Ion:112 Resp: 485351
Ion Ratio Lower Upper
112 100
64 68.0 53.1 79.7
63 34.6 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: 130.368 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038007.D

Acq: 14 Nov 2018 21:36

Instrument :

BNA_G

ClientSampleId :

WALL-C

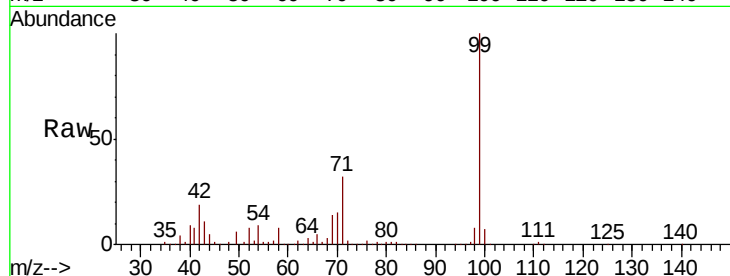
Tgt Ion: 99 Resp: 675780

Ion Ratio Lower Upper

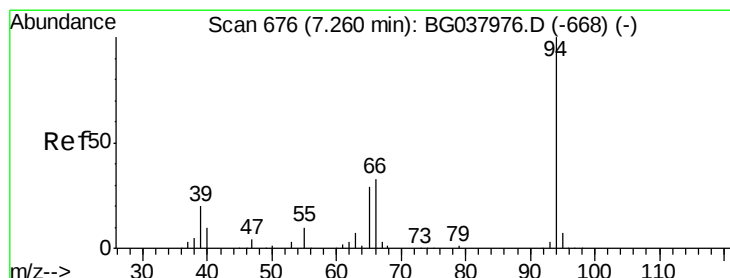
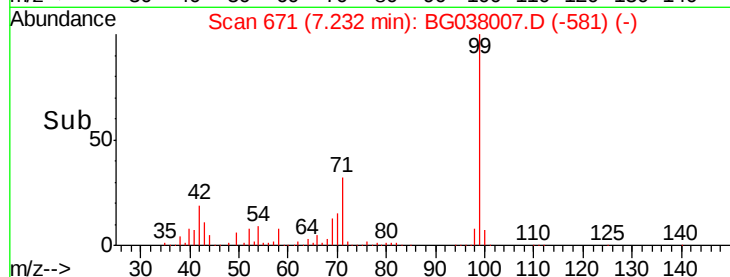
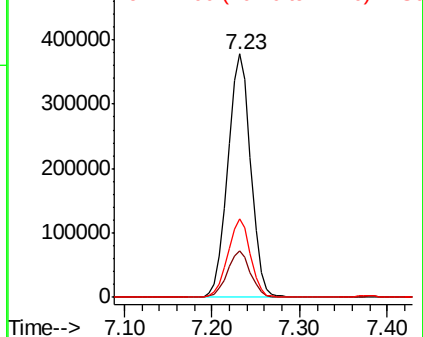
99 100

42 19.2 15.0 22.4

71 32.4 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: 8.995 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG038007.D

Acq: 14 Nov 2018 21:36

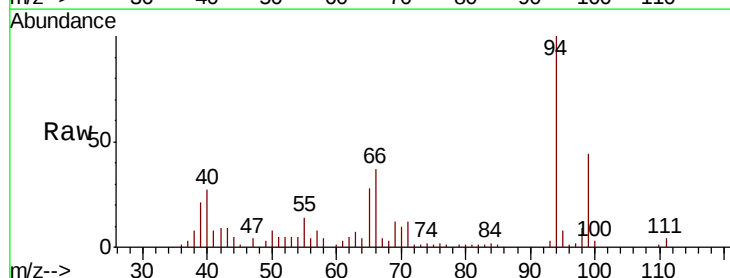
Tgt Ion: 94 Resp: 49387

Ion Ratio Lower Upper

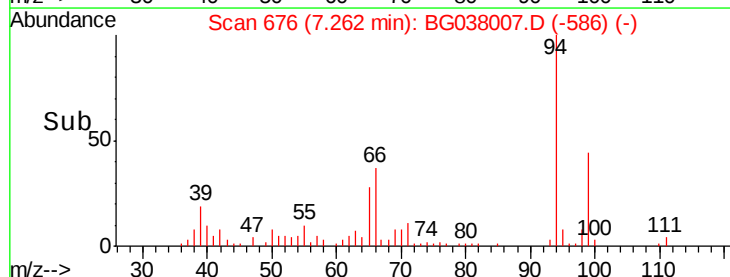
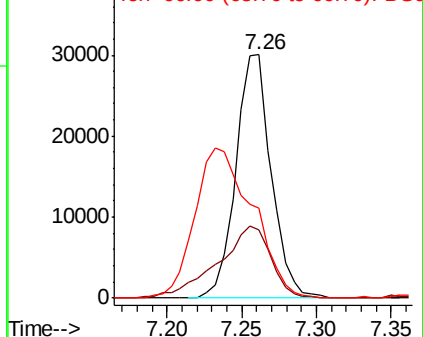
94 100

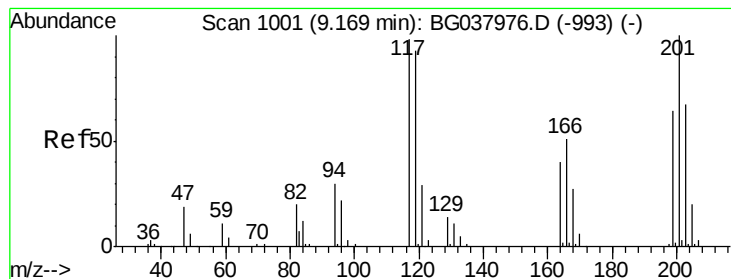
65 27.9 9.7 49.7

66 37.0 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





#18

Hexachloroethane

Concen: 5.511 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.02 min

Lab File: BG038007.D

Acq: 14 Nov 2018 21:36

Instrument :

BNA_G

ClientSampleId :

WALL-C

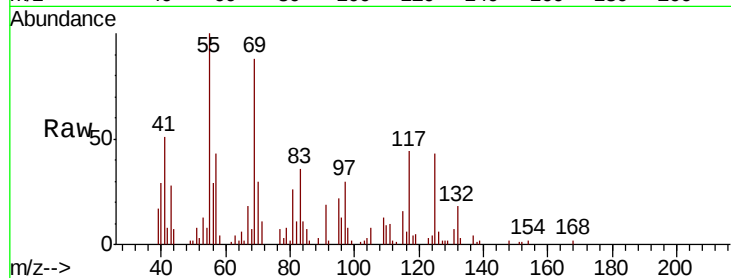
Tgt Ion:117 Resp: 9835

Ion Ratio Lower Upper

117 100

119 11.6 74.6 111.8#

201 0.0 80.8 121.2#

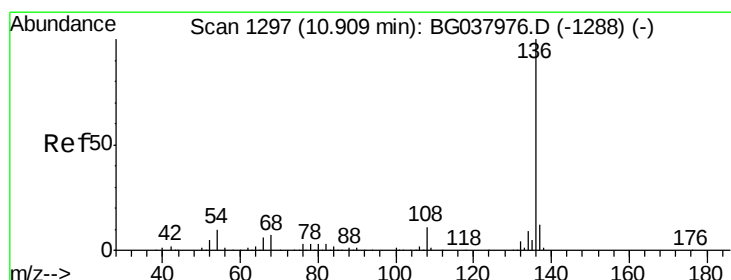
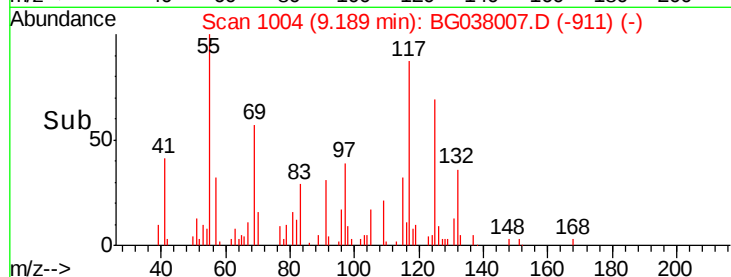
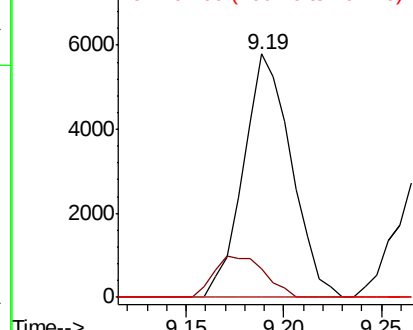


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BG038007.D

Acq: 14 Nov 2018 21:36

Tgt Ion:136 Resp: 253206

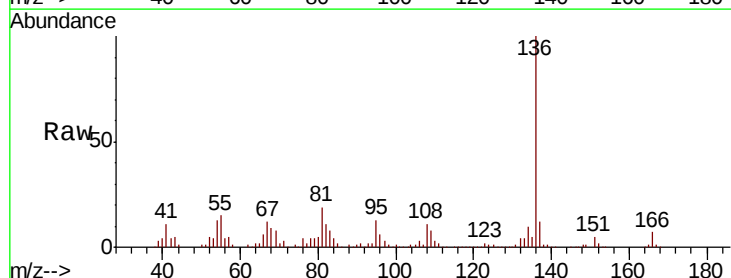
Ion Ratio Lower Upper

136 100

137 12.1 9.6 14.4

54 12.6 7.9 11.9#

68 9.2 4.8 7.2#



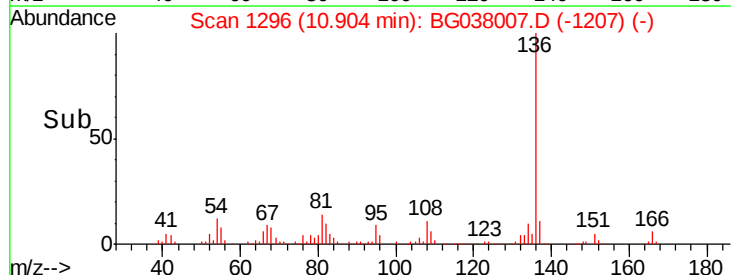
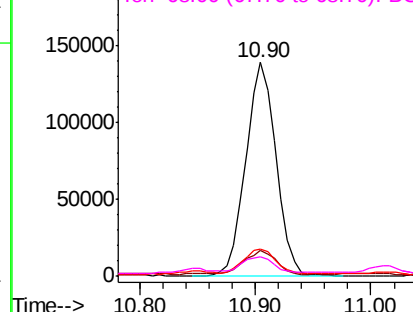
Abundance

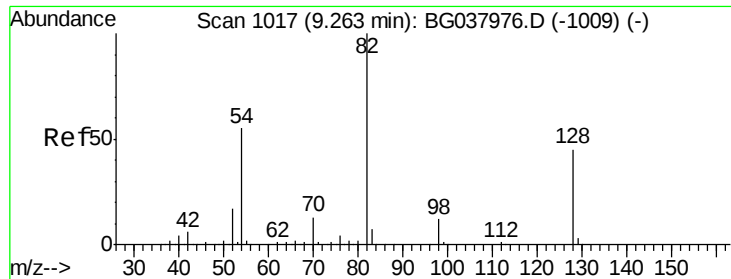
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

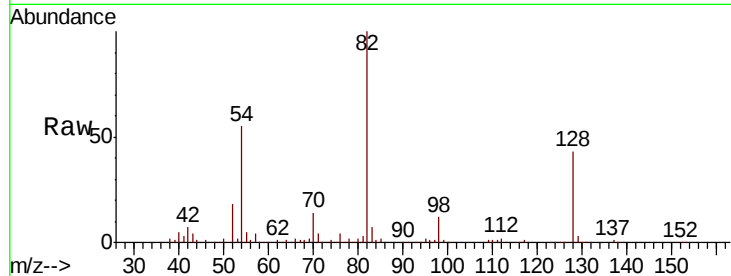




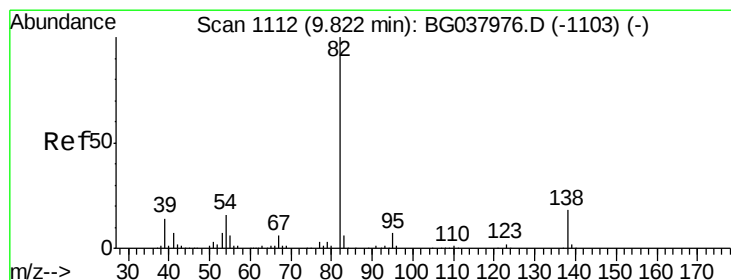
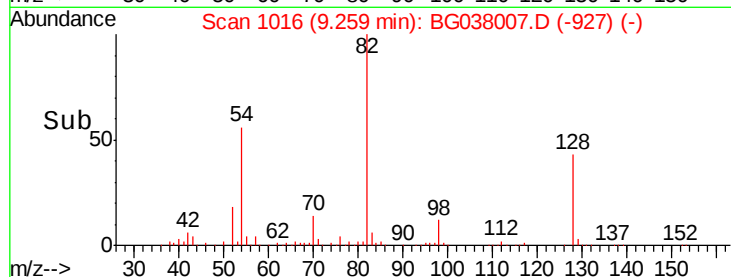
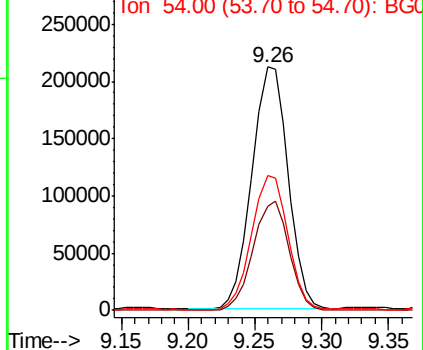
#23
 Nitrobenzene-d5
 Concen: 84.064 ng
 RT: 9.26 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BG038007.D
 Acq: 14 Nov 2018 21:36

Instrument :
 BNA_G
 ClientSampleId :
 WALL-C

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.6	51.8
54	55.5	45.3	67.9

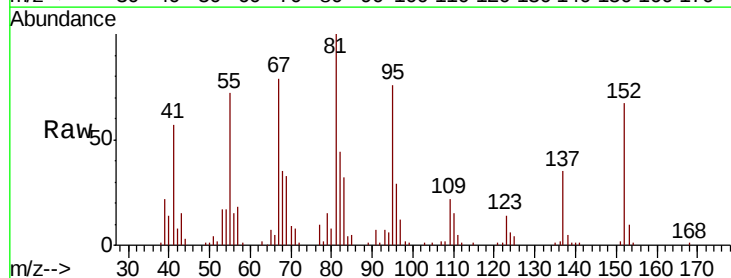


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

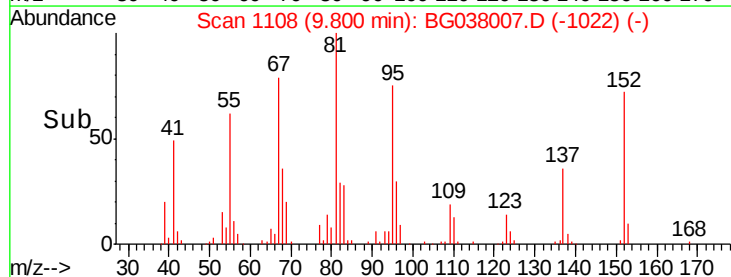
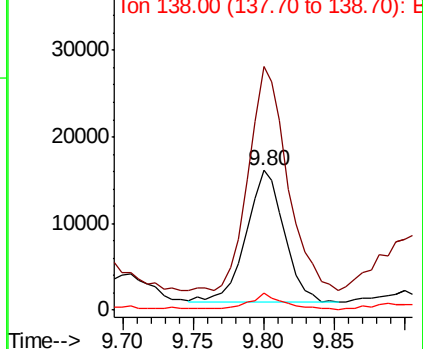


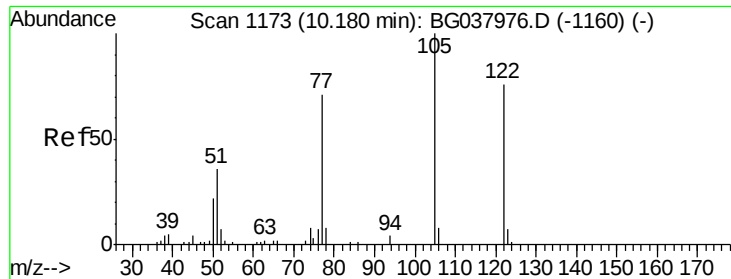
#25
 Isophorone
 Concen: 3.406 ng
 RT: 9.80 min Scan# 1108
 Delta R.T. -0.02 min
 Lab File: BG038007.D
 Acq: 14 Nov 2018 21:36

Tgt Ion	Ratio	Lower	Upper
82	100		
95	174.5	5.3	7.9#
138	12.3	13.3	19.9#



Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 138.00 (137.70 to 138.70): BGC

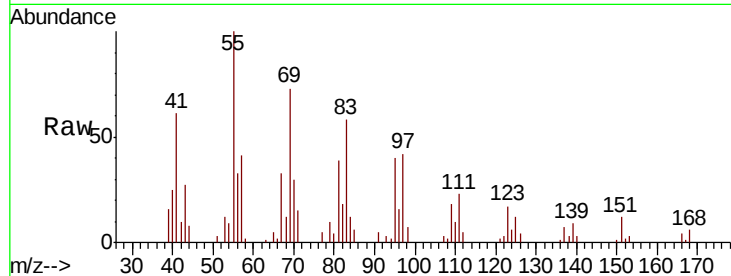




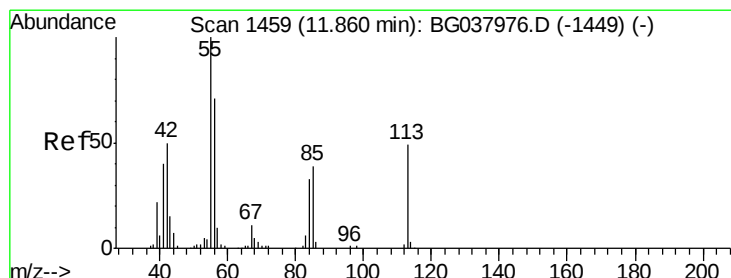
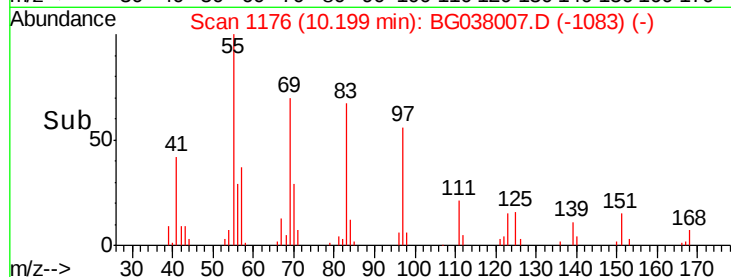
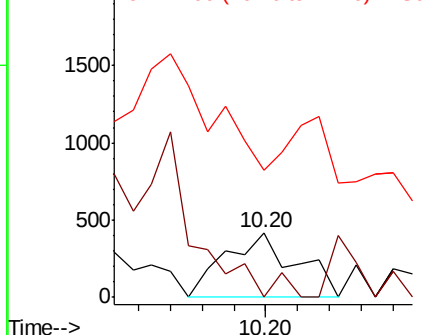
#32
Benzoic acid
Concen: 12.537 ng
RT: 10.20 min Scan# 1176
Delta R.T. 0.02 min
Lab File: BG038007.D
Acq: 14 Nov 2018 21:36

Instrument :
BNA_G
ClientSampled :
WALL-C

Tgt Ion:122 Resp: 644
Ion Ratio Lower Upper
122 100
105 0.0 106.7 146.7#
77 196.6 72.2 112.2#

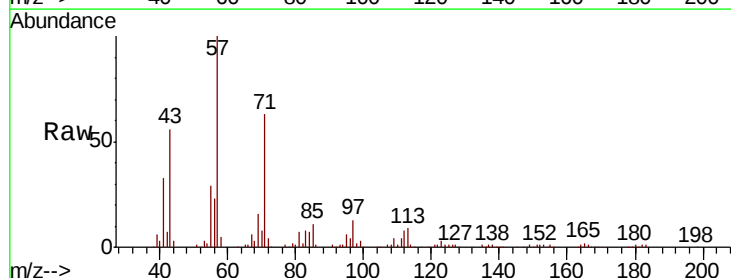


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

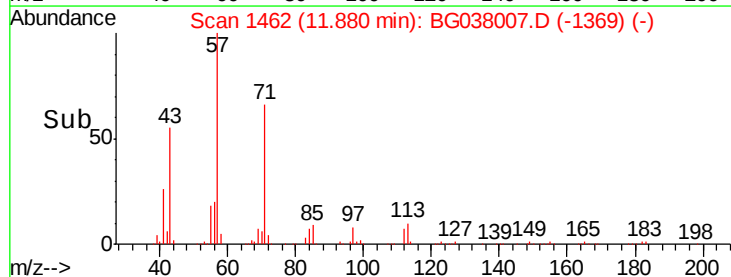
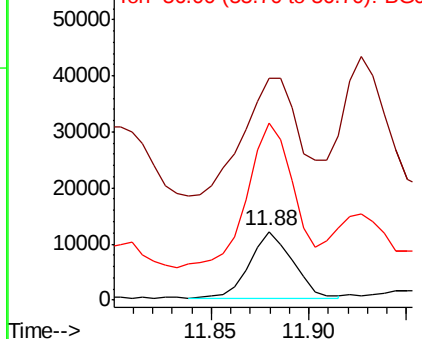


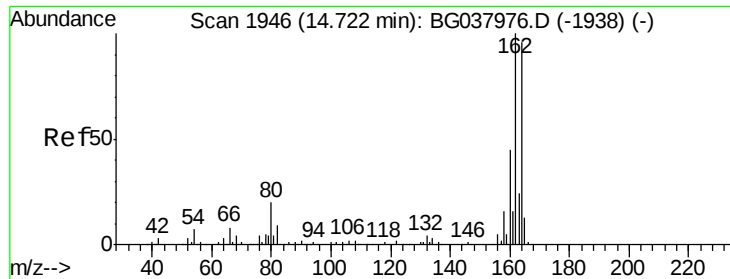
#35
Caprolactam
Concen: 10.868 ng
RT: 11.88 min Scan# 1462
Delta R.T. 0.02 min
Lab File: BG038007.D
Acq: 14 Nov 2018 21:36

Tgt Ion:113 Resp: 17809
Ion Ratio Lower Upper
113 100
55 325.0 176.6 216.6#
56 259.5 128.3 168.3#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BGC
Ion 56.00 (55.70 to 56.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG038007.D

Acq: 14 Nov 2018 21:36

Instrument :

BNA_G

ClientSampleId :

WALL-C

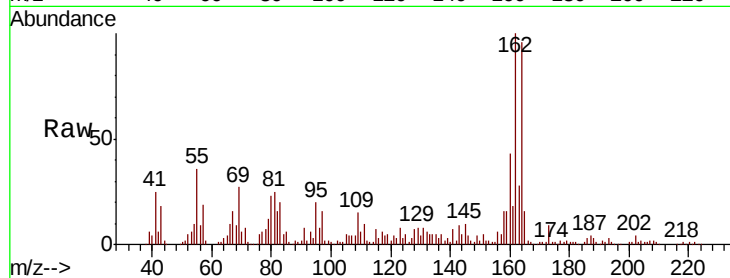
Tgt Ion:164 Resp: 150391

Ion Ratio Lower Upper

164 100

162 103.7 81.3 121.9

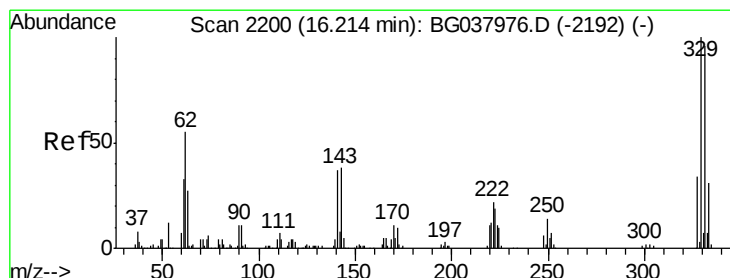
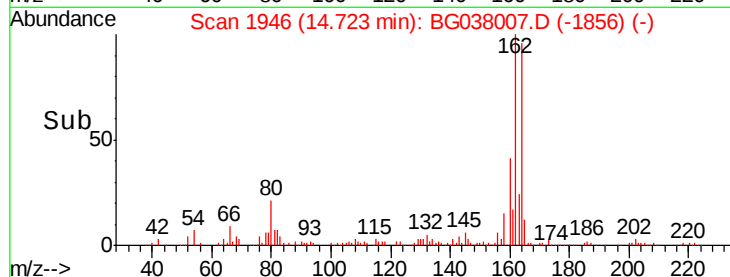
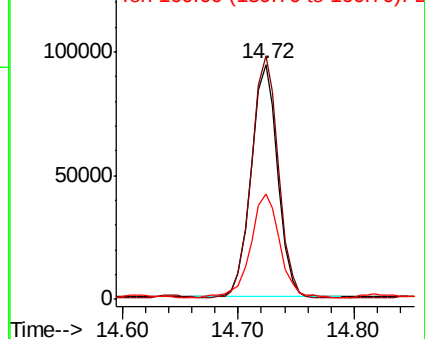
160 44.9 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 124.284 ng

RT: 16.22 min Scan# 2200

Delta R.T. 0.00 min

Lab File: BG038007.D

Acq: 14 Nov 2018 21:36

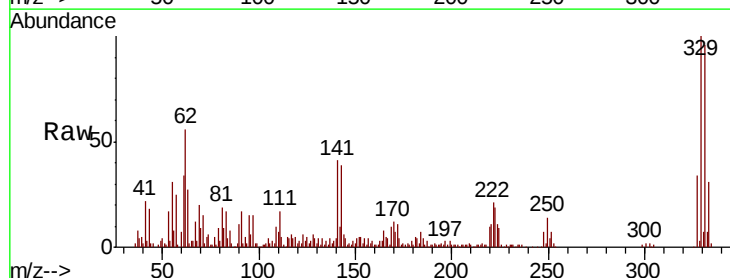
Tgt Ion:330 Resp: 213169

Ion Ratio Lower Upper

330 100

332 95.7 78.4 117.6

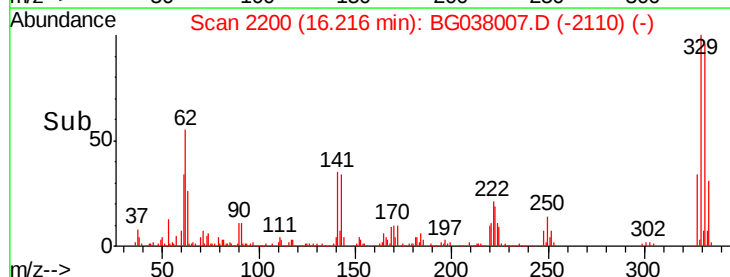
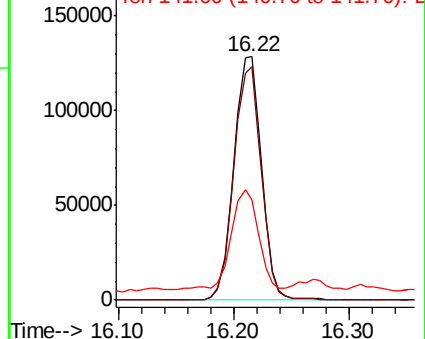
141 40.4 32.2 48.2

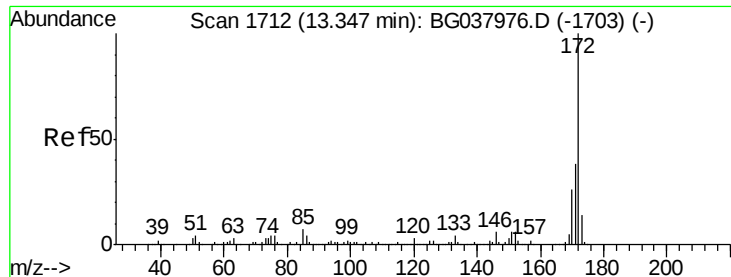


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

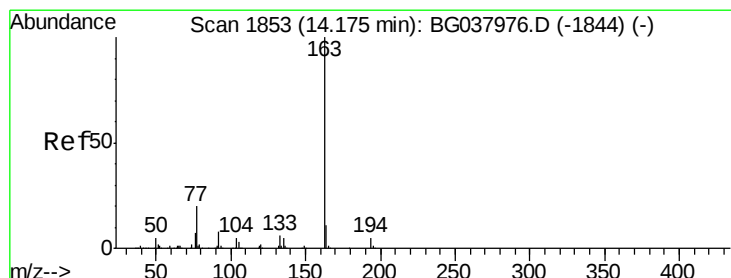
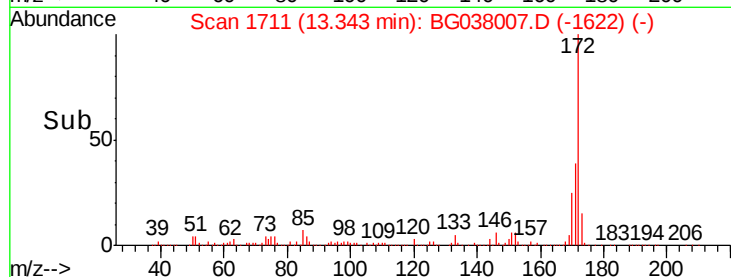
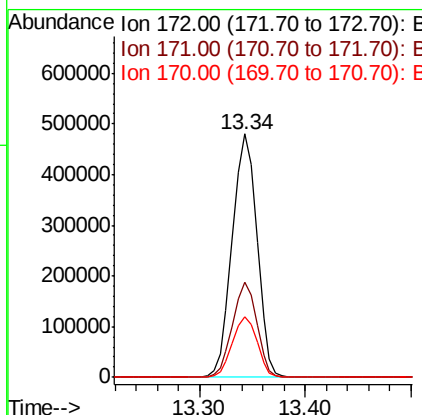
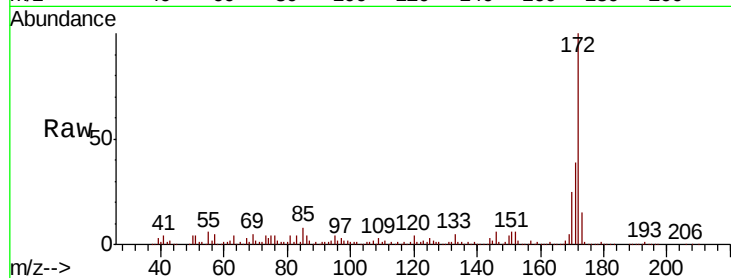




#45
 2-Fluorobiphenyl
 Concen: 75.433 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG038007.D
 Acq: 14 Nov 2018 21:36

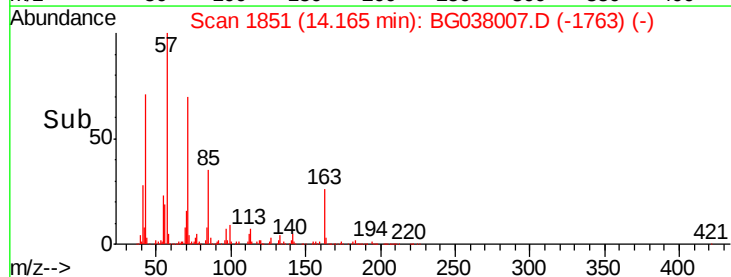
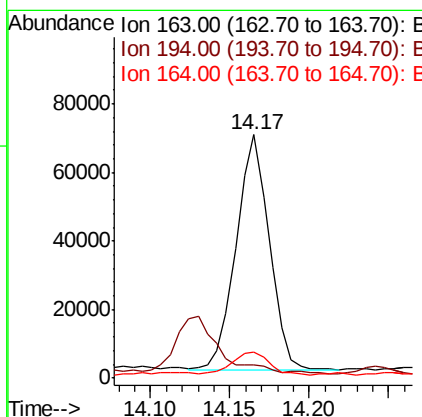
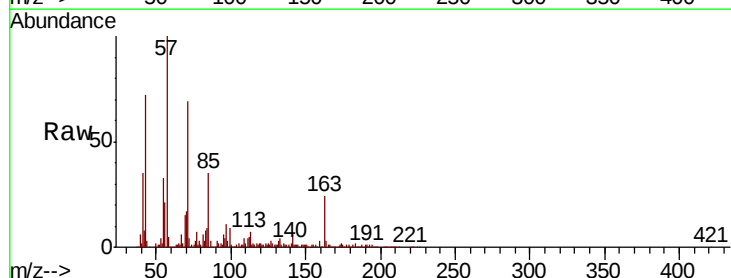
Instrument :
 BNA_G
 ClientSampleId :
 WALL-C

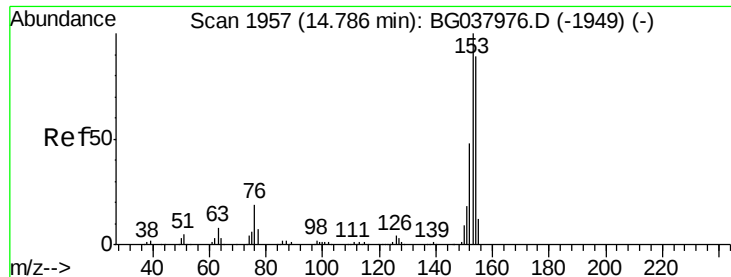
Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.0	46.4
170	24.7	20.2	30.2



#50
 Dimethylphthalate
 Concen: 8.374 ng
 RT: 14.17 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BG038007.D
 Acq: 14 Nov 2018 21:36

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.5	5.3#
164	10.5	8.5	12.7





#52

Acenaphthene

Concen: 2.024 ng

RT: 14.79 min Scan# 1957

Delta R.T. 0.00 min

Lab File: BG038007.D

Acq: 14 Nov 2018 21:36

Instrument :

BNA_G

ClientSampleId :

WALL-C

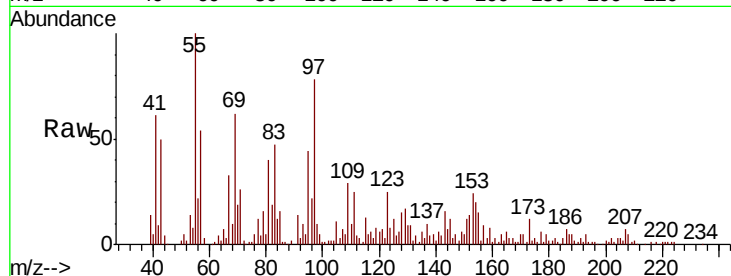
Tgt Ion:154 Resp: 17670

Ion Ratio Lower Upper

154 100

153 120.5 93.4 140.0

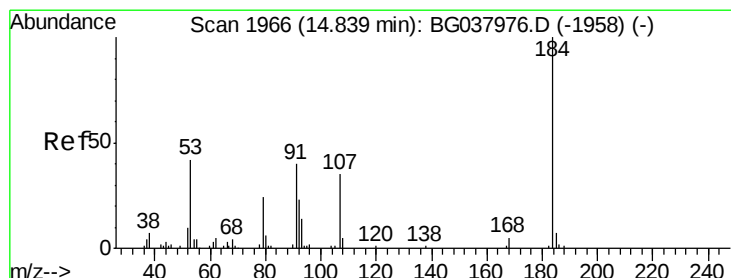
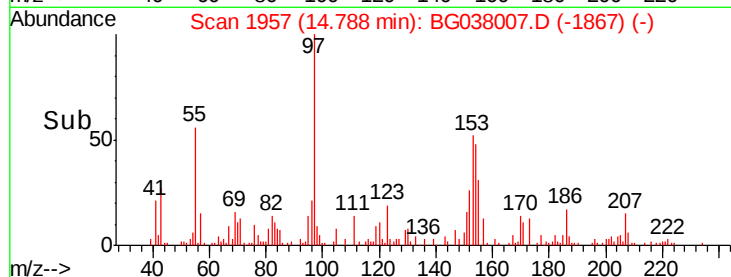
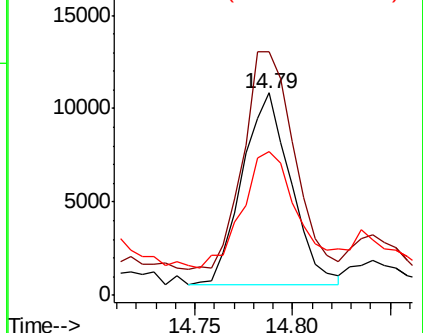
152 71.0 44.7 67.1#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

2,4-Dinitrophenol

Concen: 12.217 ng

RT: 15.26 min Scan# 2038

Delta R.T. 0.42 min

Lab File: BG038007.D

Acq: 14 Nov 2018 21:36

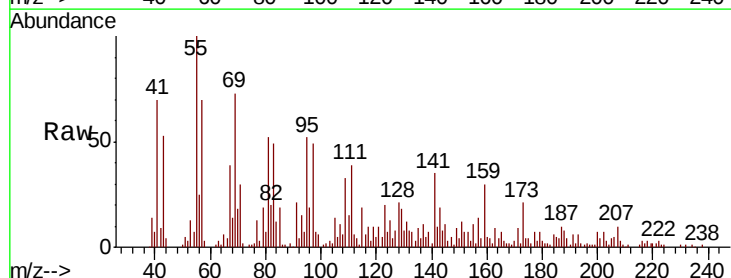
Tgt Ion:184 Resp: 4832

Ion Ratio Lower Upper

184 100

63 43.0 42.6 63.8

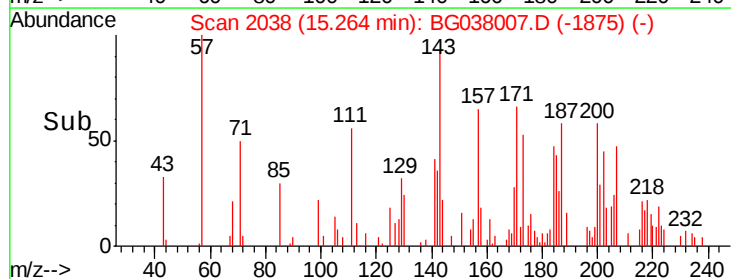
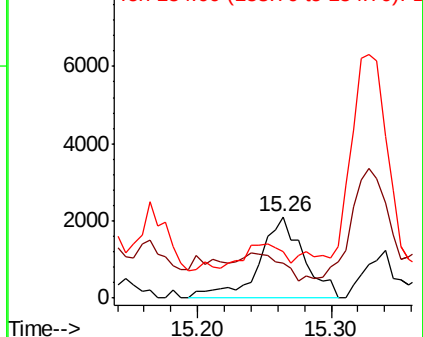
154 56.5 41.8 62.6

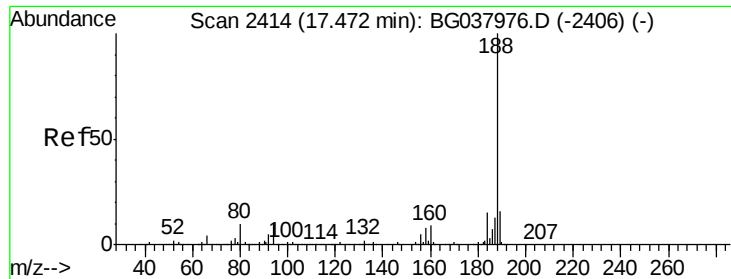


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BG038007.D

Acq: 14 Nov 2018 21:36

Instrument :

BNA_G

ClientSampleId :

WALL-C

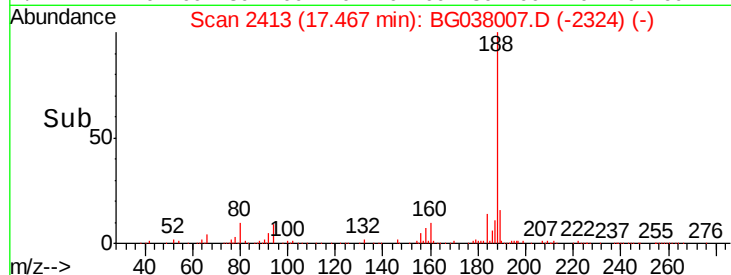
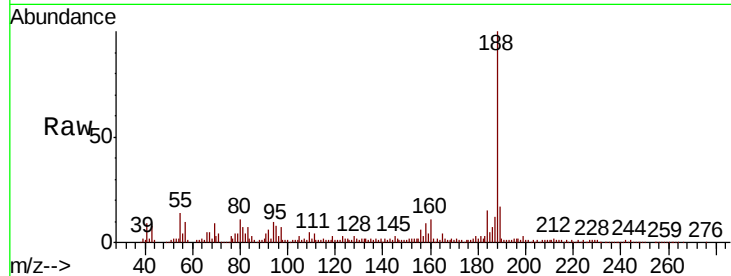
Tgt Ion:188 Resp: 313021

Ion Ratio Lower Upper

188 100

94 10.4 7.2 10.8

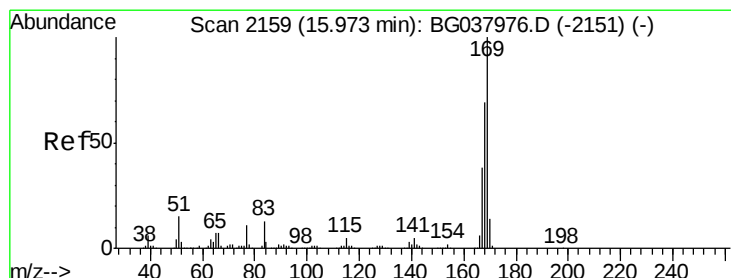
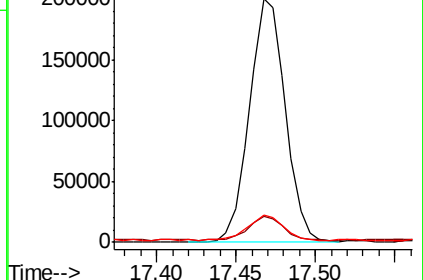
80 11.1 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#66

n-Nitrosodiphenylamine

Concen: 7.049 ng

RT: 15.96 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BG038007.D

Acq: 14 Nov 2018 21:36

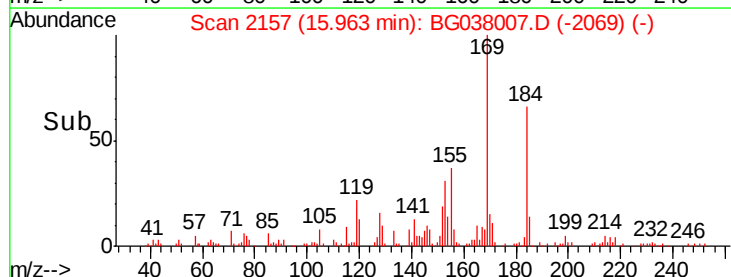
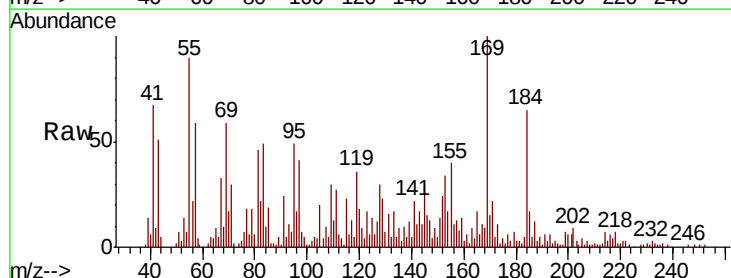
Tgt Ion:169 Resp: 66750

Ion Ratio Lower Upper

169 100

168 9.4 55.7 83.5#

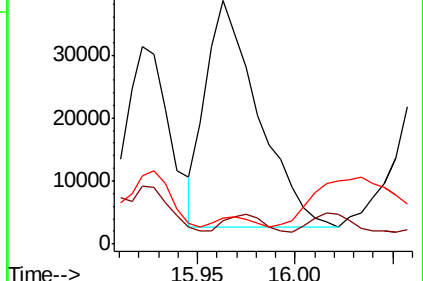
167 10.9 31.3 46.9#

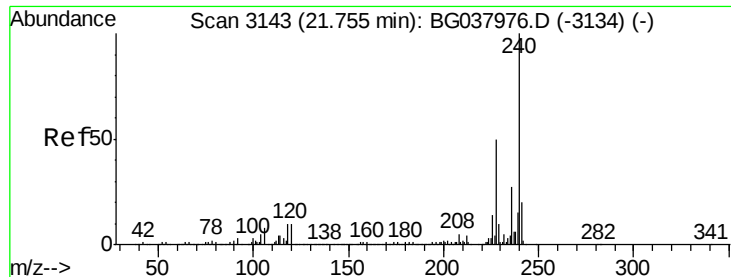


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

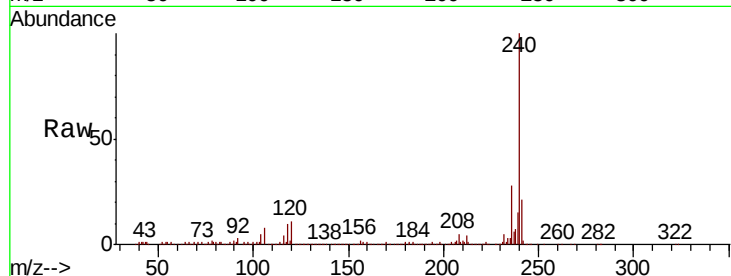




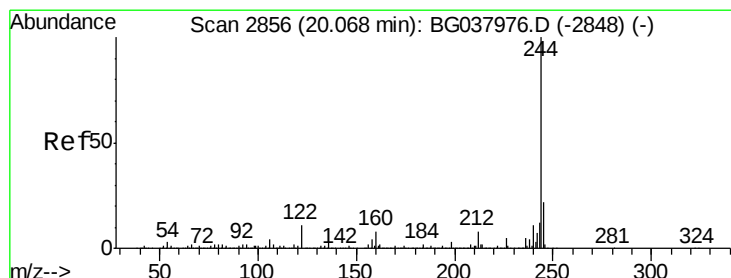
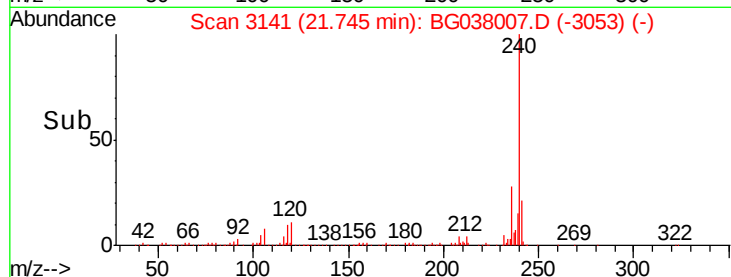
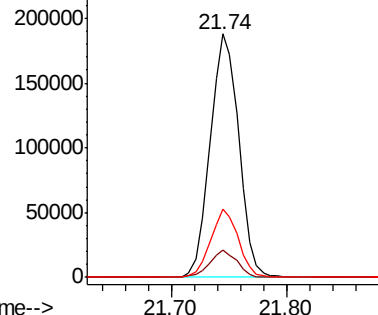
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG038007.D
Acq: 14 Nov 2018 21:36

Instrument :
BNA_G
ClientSampleId :
WALL-C

Tgt Ion:240 Resp: 322282
Ion Ratio Lower Upper
240 100
120 11.2 8.1 12.1
236 27.8 21.4 32.0

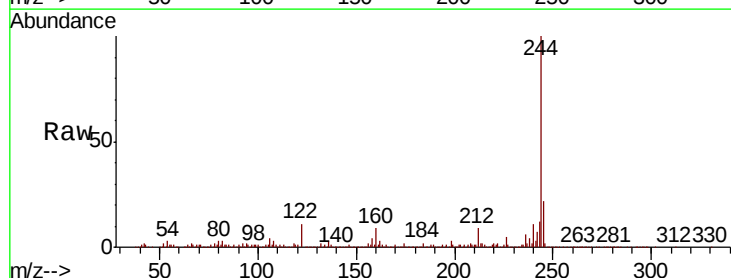


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

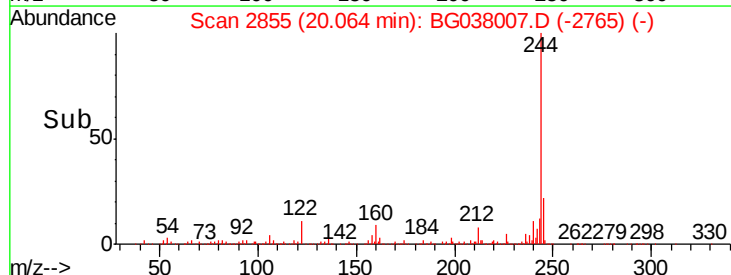
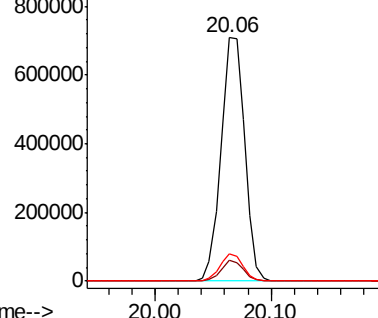


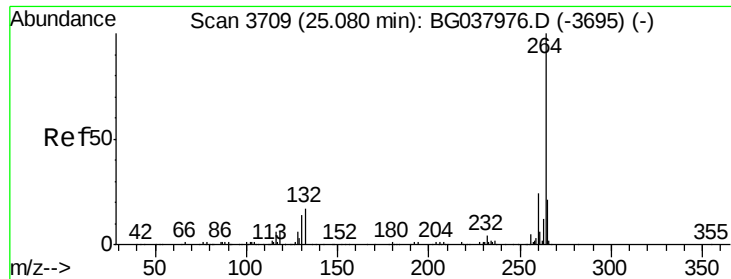
#79
Terphenyl-d14
Concen: 74.039 ng
RT: 20.06 min Scan# 2855
Delta R.T. -0.00 min
Lab File: BG038007.D
Acq: 14 Nov 2018 21:36

Tgt Ion:244 Resp: 1014088
Ion Ratio Lower Upper
244 100
212 8.5 6.5 9.7
122 11.1 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: 25.06 min Scan# 3706
Delta R.T. -0.02 min
Lab File: BG038007.D
Acq: 14 Nov 2018 21:36

Instrument :
BNA_G
ClientSampleId :
WALL-C

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.4
265	22.0	17.9	26.9

