

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111418\
 Data File : BG038011.D
 Acq On : 15 Nov 2018 00:13
 Operator : JU/SJ
 Sample : J5889-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BOTTOM-C

Quant Time: Nov 15 03:11:13 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	44862	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	196464	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	128216	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	299136	20.00	ng	0.00
76) Chrysene-d12	21.75	240	279584	20.00	ng	0.00
87) Perylene-d12	25.06	264	284907	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.63	112	434479	167.21	ng	0.00
7) Phenol-d6	7.23	99	630832	170.08	ng	0.00
23) Nitrobenzene-d5	9.26	82	377644	102.90	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	223162	152.61	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	807654	91.77	ng	0.00
79) Terphenyl-d14	20.07	244	1123277	94.54	ng	0.00

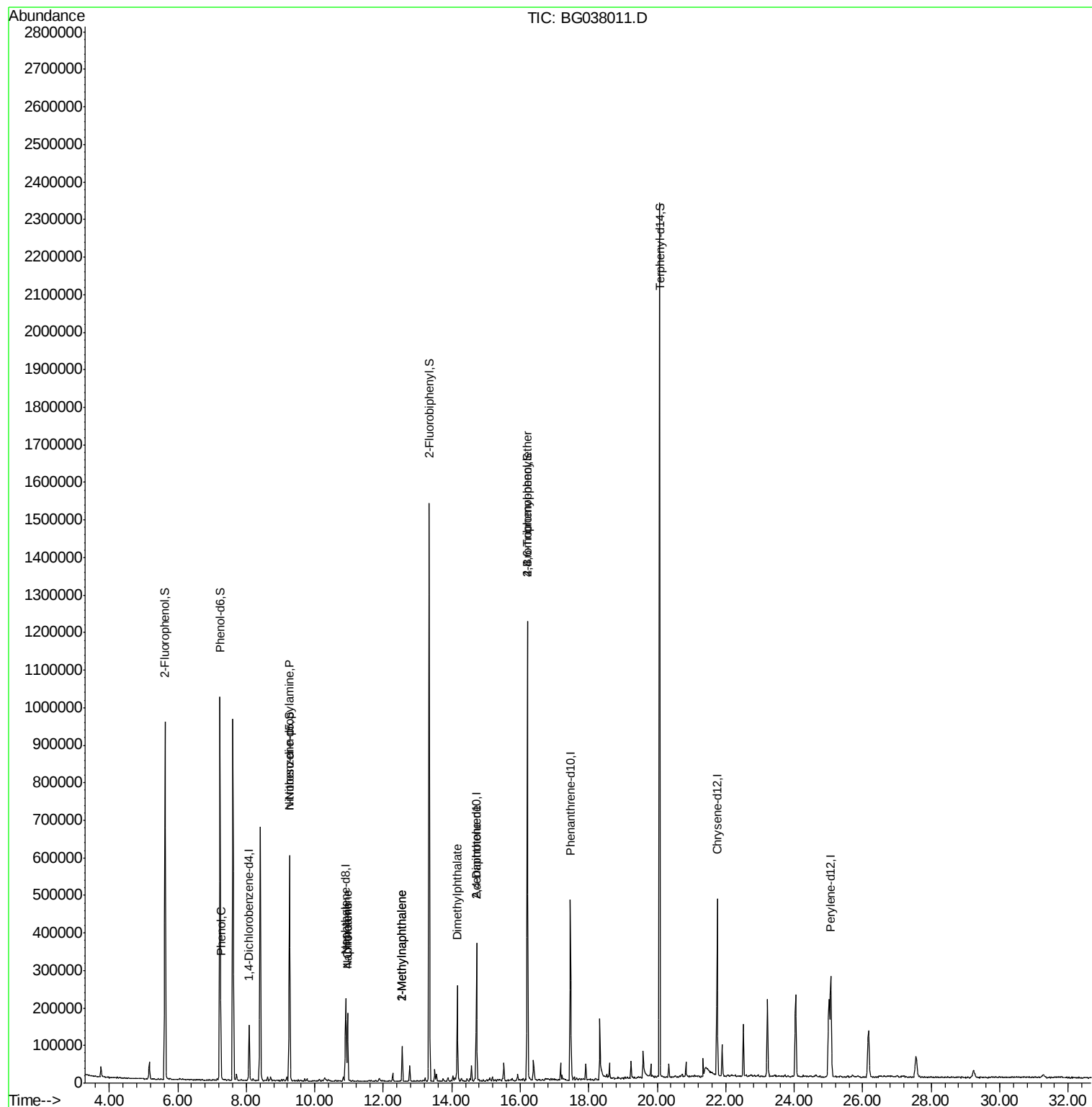
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.26	94	30383	7.734	ng	95
19) n-Nitroso-di-n-propylamine	9.26	70	48097	17.922	ng	# 75
31) Naphthalene	10.95	128	151428	15.671	ng	98
33) 4-Chloroaniline	10.95	127	21081	4.690	ng	# 37
37) 2-Methylnaphthalene	12.55	142	47465	6.838	ng	96
38) 1-Methylnaphthalene	12.55	142	47465	7.104	ng	100
50) Dimethylphthalate	14.16	163	169774	16.702	ng	98
57) 2,4-Dinitrotoluene	14.72	165	17204	5.496	ng	# 26
67) 4-Bromophenyl-phenylether	16.21	248	15922	4.849	ng	# 1

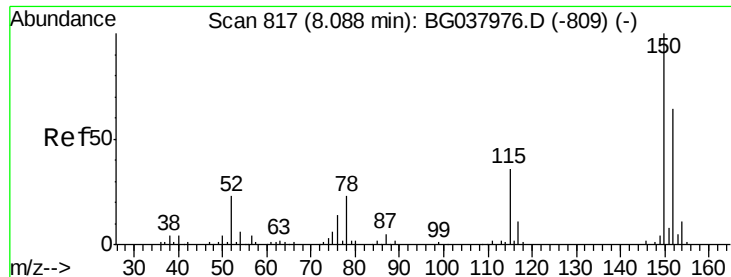
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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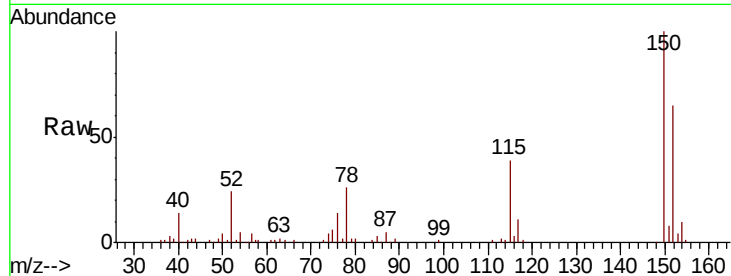


#1

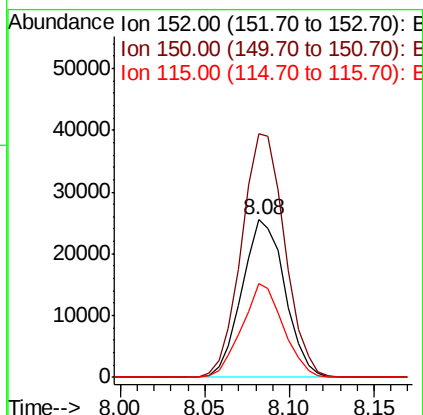
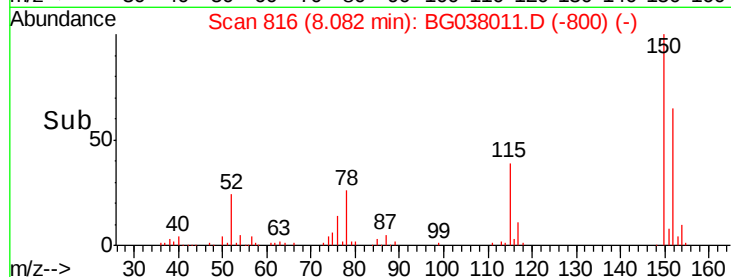
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG038011.D
Acq: 15 Nov 2018 00:13

Instrument :
BNA_G
ClientSampleId :
BOTTOM-C

Tgt Ion:152 Resp: 44862
Ion Ratio Lower Upper
152 100
150 154.5 126.0 189.0
115 59.7 45.5 68.3



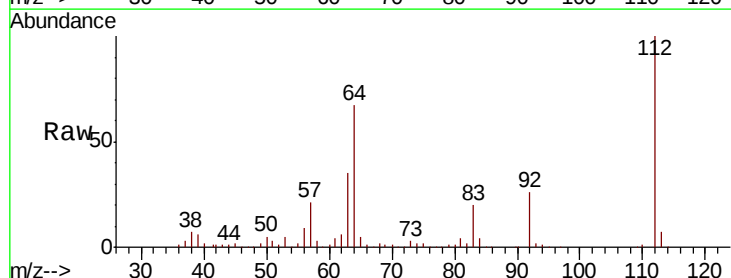
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



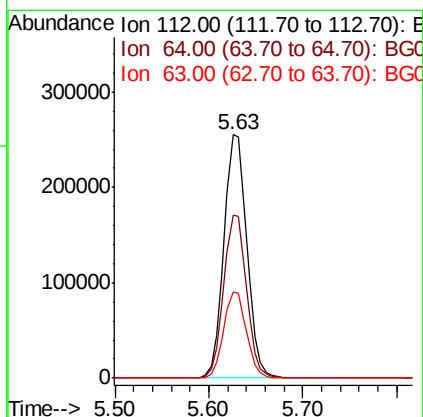
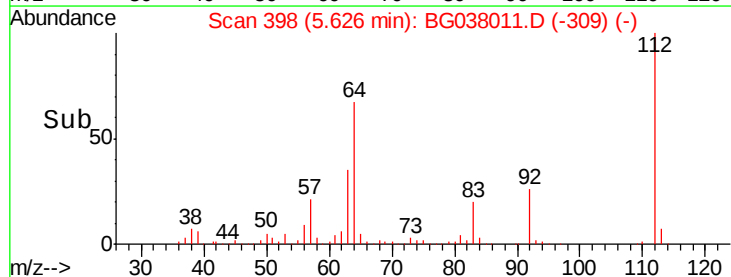
#5

2-Fluorophenol
Concen: 167.214 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG038011.D
Acq: 15 Nov 2018 00:13

Tgt Ion:112 Resp: 434479
Ion Ratio Lower Upper
112 100
64 67.1 53.1 79.7
63 35.4 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: 170.083 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038011.D

Acq: 15 Nov 2018 00:13

Instrument :

BNA_G

ClientSampleId :

BOTTOM-C

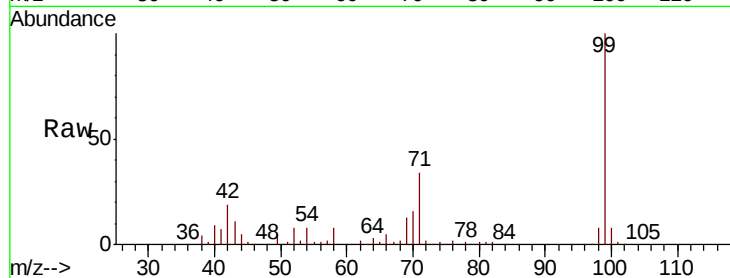
Tgt Ion: 99 Resp: 630832

Ion Ratio Lower Upper

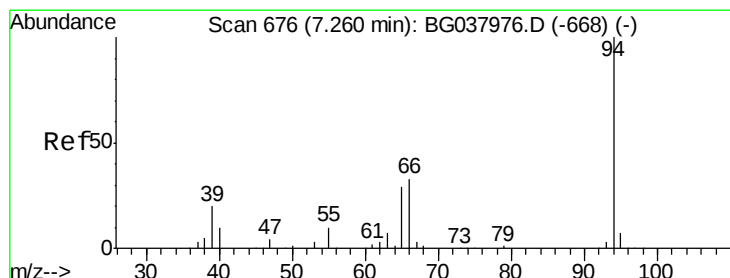
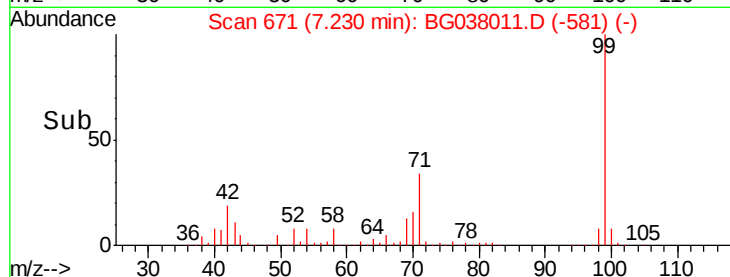
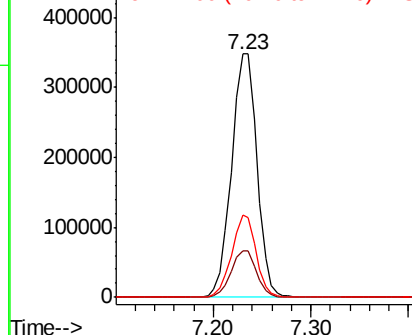
99 100

42 19.3 15.0 22.4

71 33.8 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: 7.734 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG038011.D

Acq: 15 Nov 2018 00:13

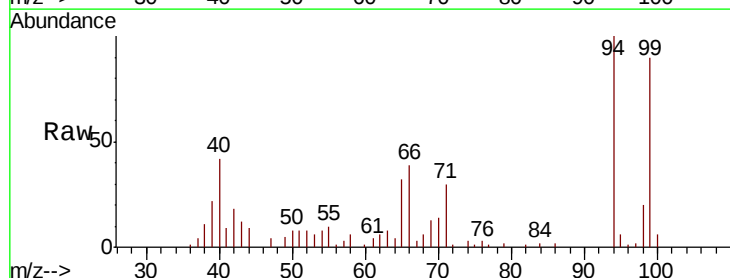
Tgt Ion: 94 Resp: 30383

Ion Ratio Lower Upper

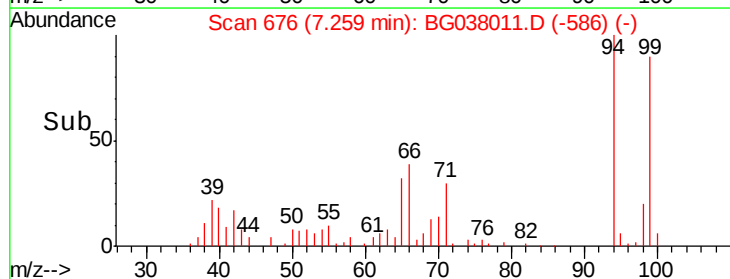
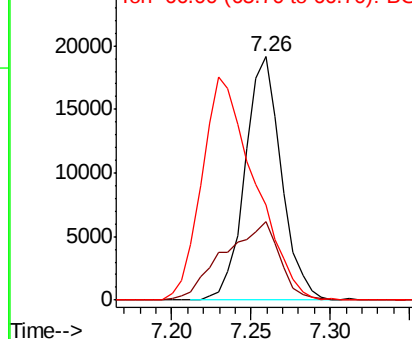
94 100

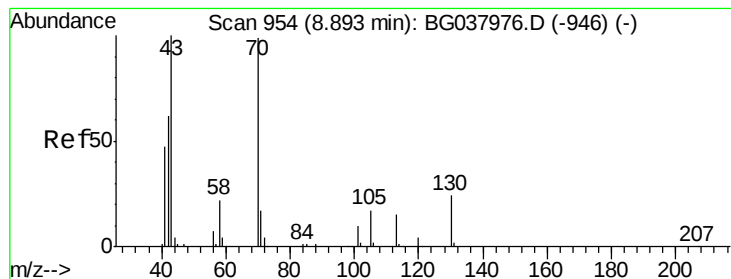
65 32.3 9.7 49.7

66 39.0 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





#19

n-Nitroso-di-n-propylamine

Concen: 17.922 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.37 min

Lab File: BG038011.D

Acq: 15 Nov 2018 00:13

Instrument :

BNA_G

ClientSampleId :

BOTTOM-C

Tgt Ion: 70 Resp: 48097

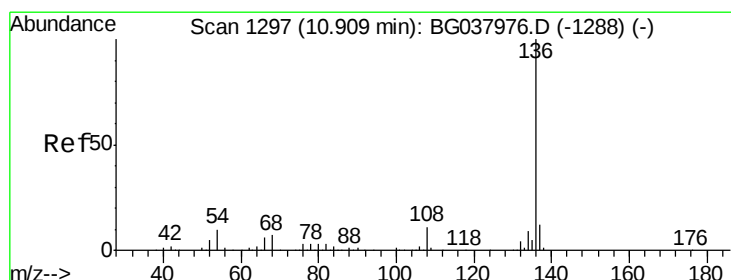
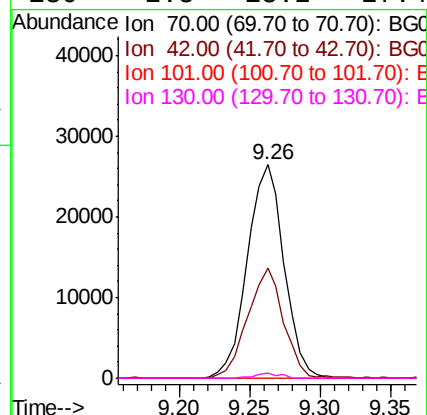
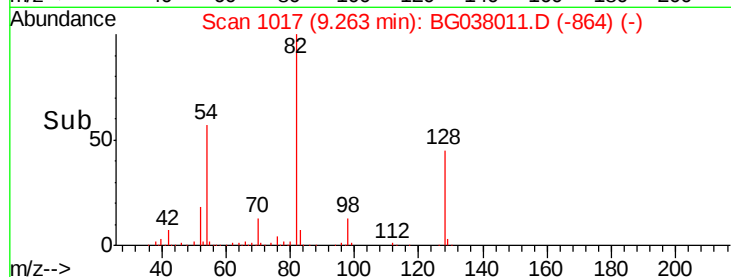
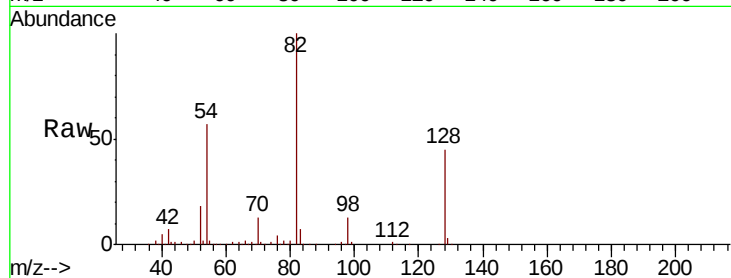
Ion Ratio Lower Upper

70 100

42 51.6 53.9 80.9#

101 0.0 8.2 12.2#

130 2.5 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: BG038011.D

Acq: 15 Nov 2018 00:13

Tgt Ion: 136 Resp: 196464

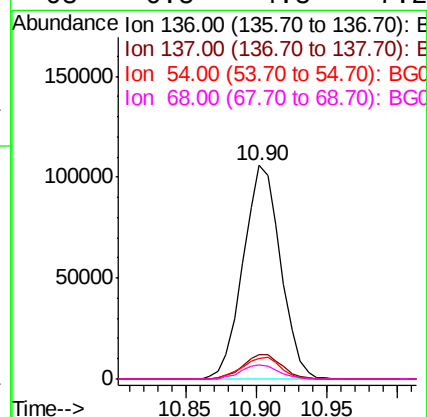
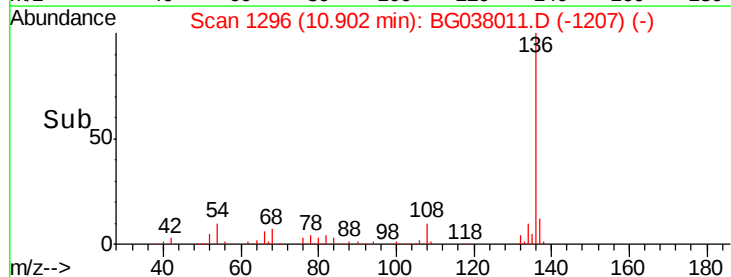
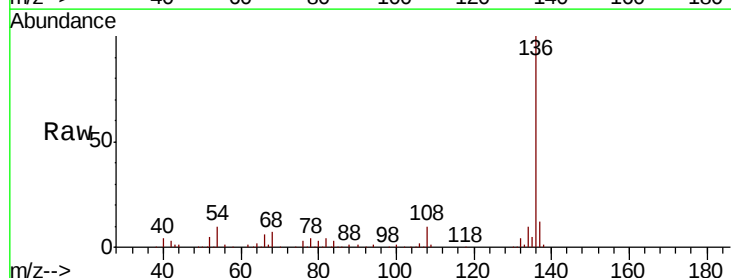
Ion Ratio Lower Upper

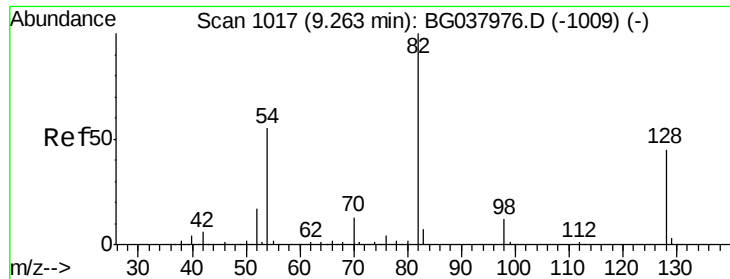
136 100

137 11.7 9.6 14.4

54 9.6 7.9 11.9

68 6.5 4.8 7.2

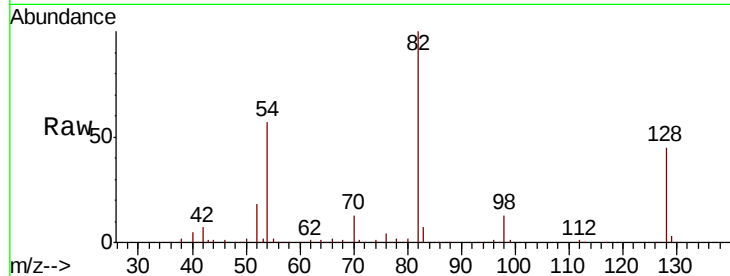




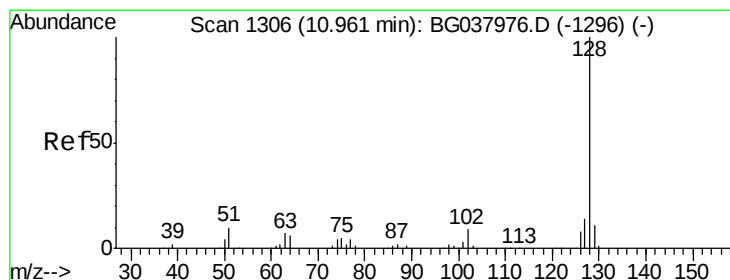
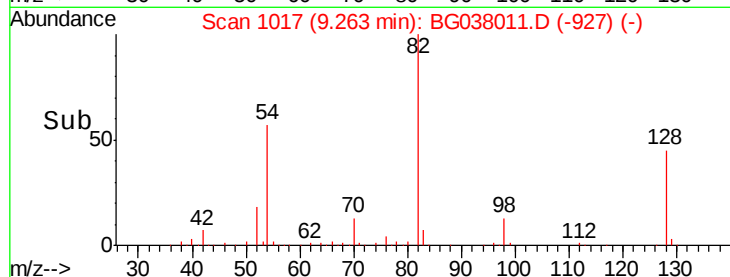
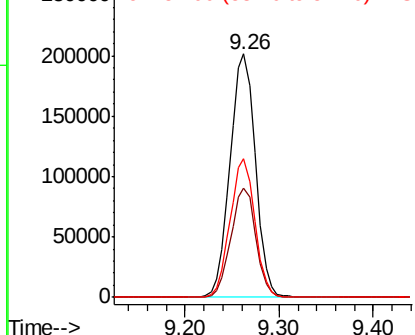
#23
 Nitrobenzene-d5
 Concen: 102.896 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BG038011.D
 Acq: 15 Nov 2018 00:13

Instrument :
 BNA_G
 ClientSampleId :
 BOTTOM-C

Tgt Ion: 82 Resp: 377644
 Ion Ratio Lower Upper
 82 100
 128 44.9 34.6 51.8
 54 56.8 45.3 67.9

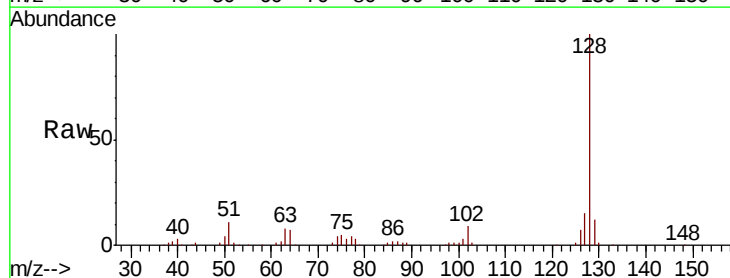


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

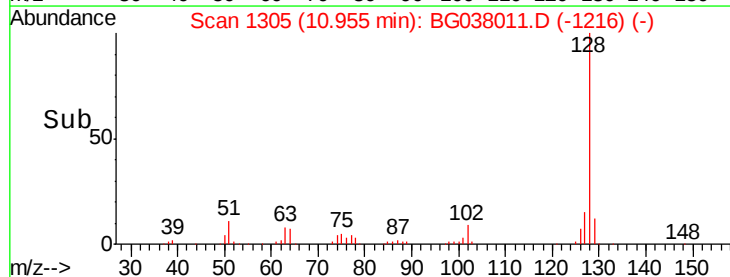
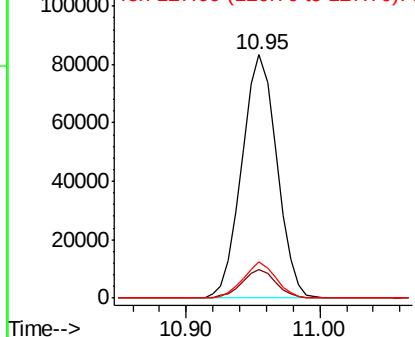


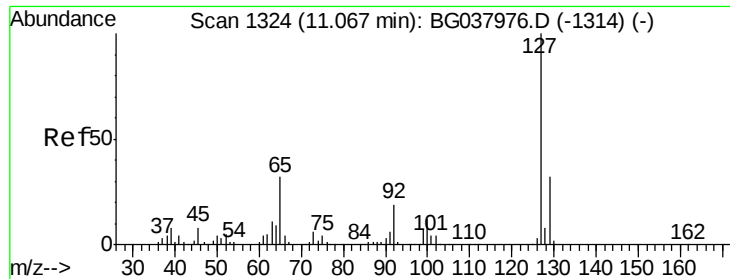
#31
 Naphthalene
 Concen: 15.671 ng
 RT: 10.95 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BG038011.D
 Acq: 15 Nov 2018 00:13

Tgt Ion: 128 Resp: 151428
 Ion Ratio Lower Upper
 128 100
 129 12.0 9.0 13.6
 127 14.8 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
 Ion 129.00 (128.70 to 129.70): BGC
 Ion 127.00 (126.70 to 127.70): BGC

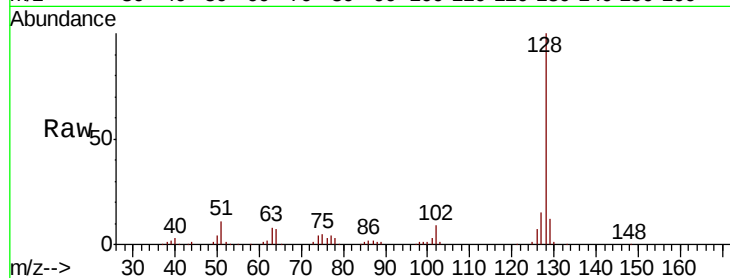




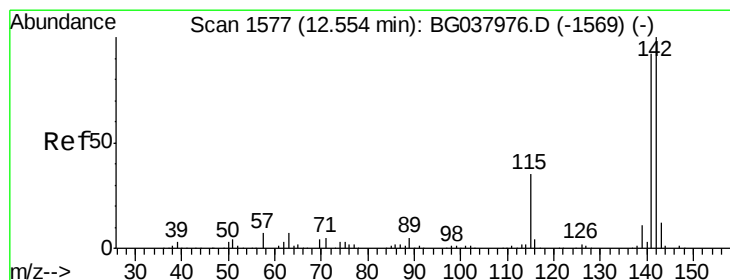
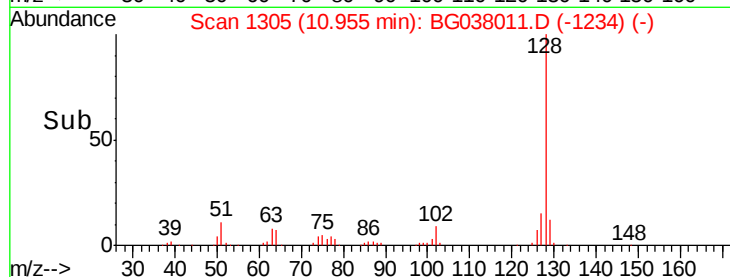
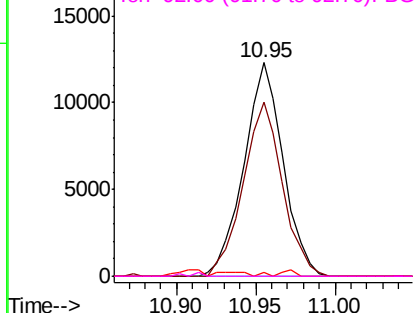
#33
 4-Chloroaniline
 Concen: 4.690 ng
 RT: 10.95 min Scan# 1305
 Delta R.T. -0.11 min
 Lab File: BG038011.D
 Acq: 15 Nov 2018 00:13

Instrument :
 BNA_G
 ClientSampleId :
 BOTTOM-C

Tgt Ion:	127	Resp:	21081
Ion	Ratio	Lower	Upper
127	100		
129	81.3	27.1	40.7#
65	1.7	26.6	39.8#
92	0.0	16.4	24.6#

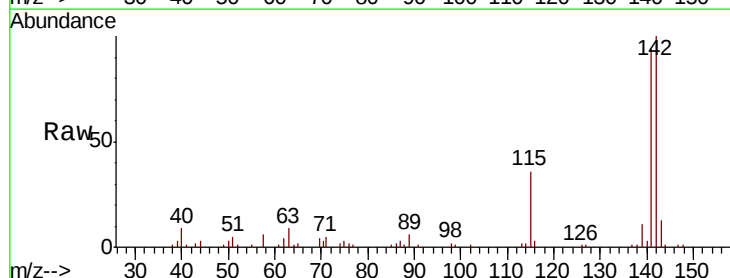


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BG
 Ion 92.00 (91.70 to 92.70): BG

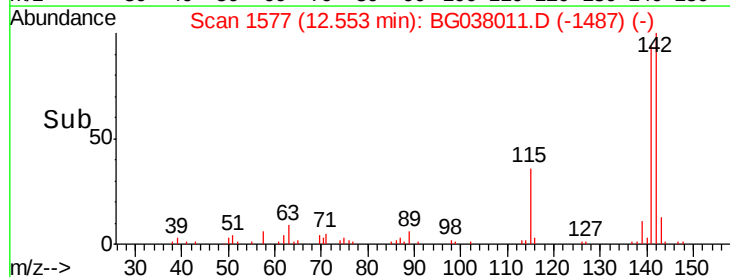
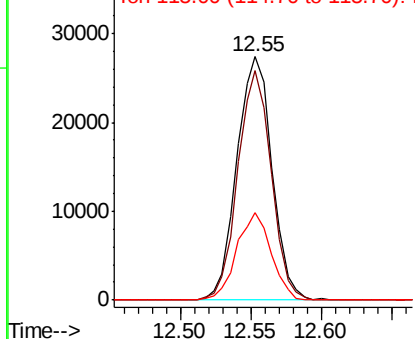


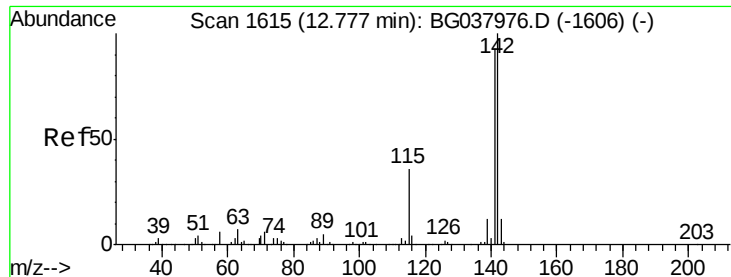
#37
 2-Methylnaphthalene
 Concen: 6.838 ng
 RT: 12.55 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: BG038011.D
 Acq: 15 Nov 2018 00:13

Tgt Ion:	142	Resp:	47465
Ion	Ratio	Lower	Upper
142	100		
141	94.0	71.9	107.9
115	36.2	27.8	41.8



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

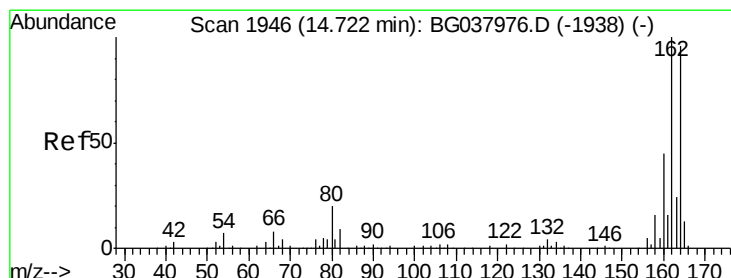
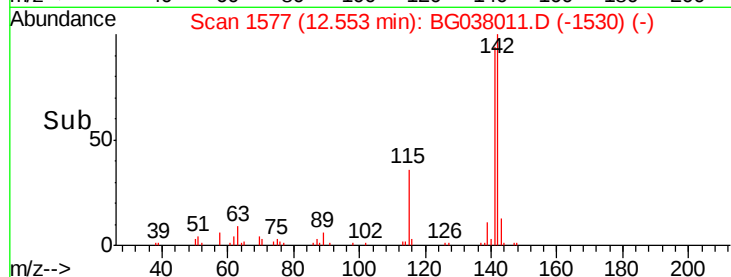
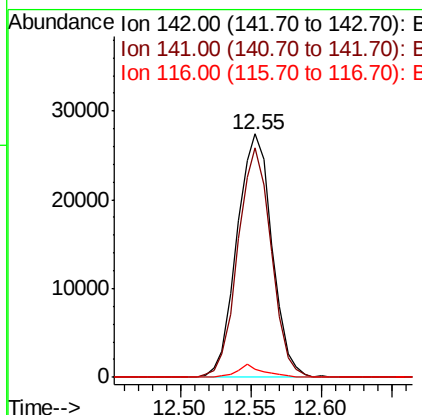
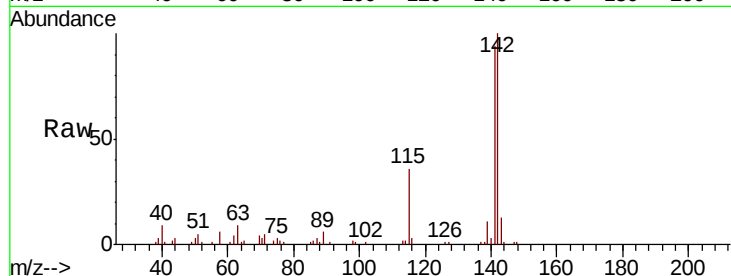




#38
 1-Methylnaphthalene
 Concen: 7.104 ng
 RT: 12.55 min Scan# 1577
 Delta R.T. -0.22 min
 Lab File: BG038011.D
 Acq: 15 Nov 2018 00:13

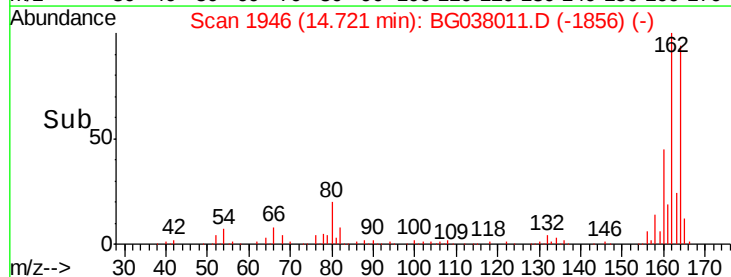
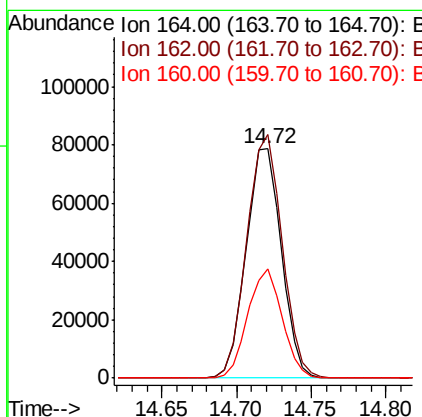
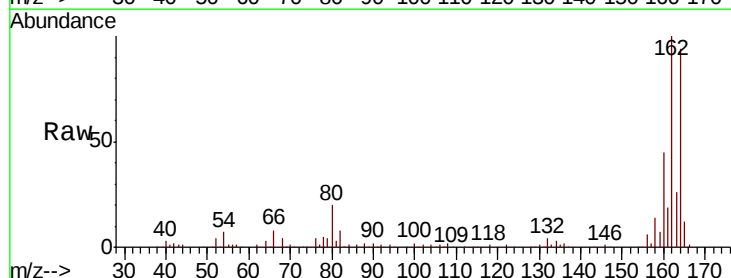
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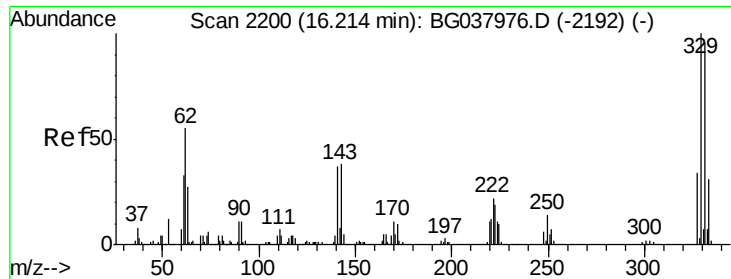
Tgt Ion:142 Resp: 47465
 Ion Ratio Lower Upper
 142 100
 141 94.0 75.2 112.8
 116 3.3 3.3 4.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.00 min
 Lab File: BG038011.D
 Acq: 15 Nov 2018 00:13

Tgt Ion:164 Resp: 128216
 Ion Ratio Lower Upper
 164 100
 162 106.3 81.3 121.9
 160 47.6 36.3 54.5

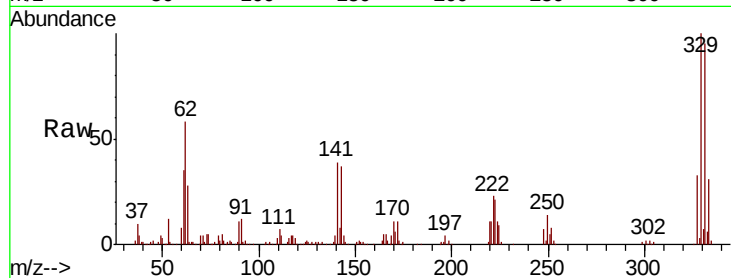




#42
 2,4,6-Tribromophenol
 Concen: 152.613 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG038011.D
 Acq: 15 Nov 2018 00:13

Instrument :
 BNA_G
 ClientSampleId :
 BOTTOM-C

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.4	117.6
141	39.6	32.2	48.2

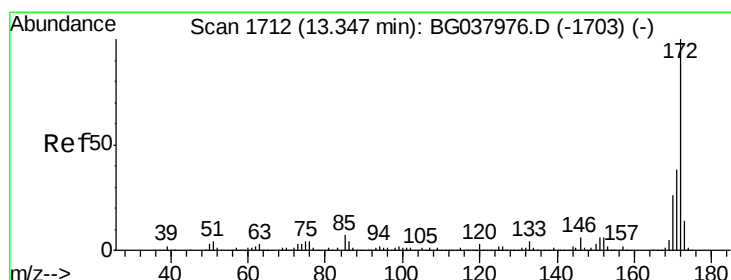
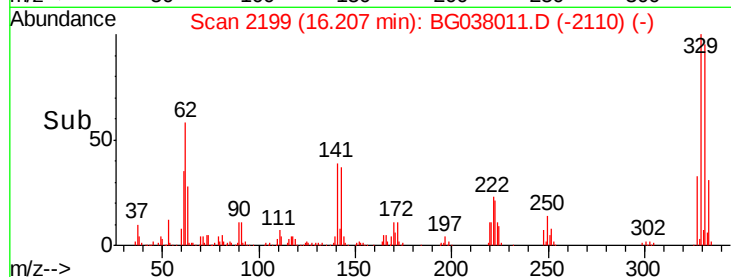
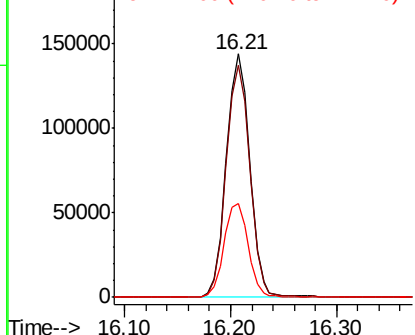


Abundance

Ion 329.80 (329.50 to 330.50): E

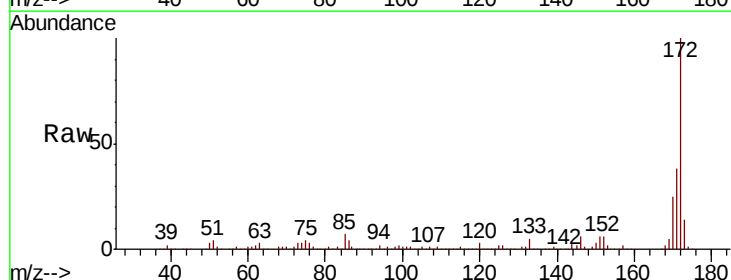
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 91.769 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038011.D
 Acq: 15 Nov 2018 00:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.0	46.4
170	25.2	20.2	30.2

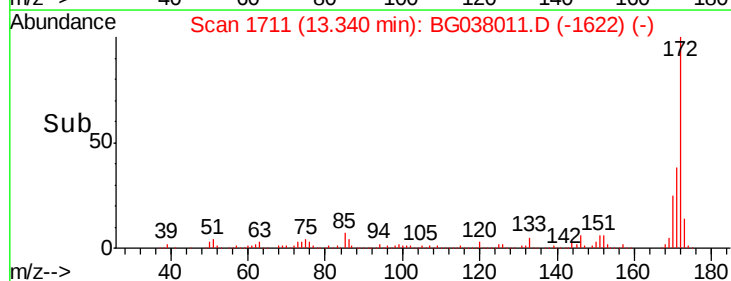
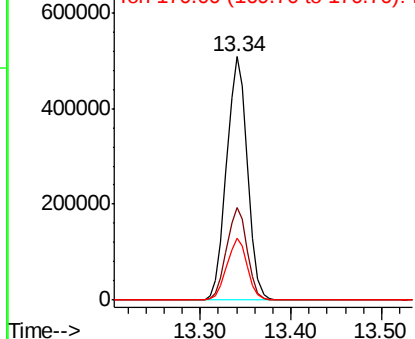


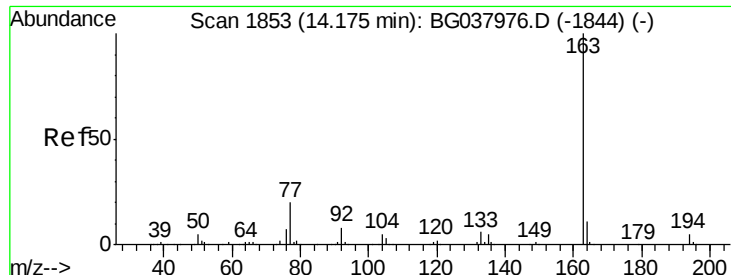
Abundance

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: 16.702 ng

RT: 14.16 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG038011.D

Acq: 15 Nov 2018 00:13

Instrument :

BNA_G

ClientSampleId :

BOTTOM-C

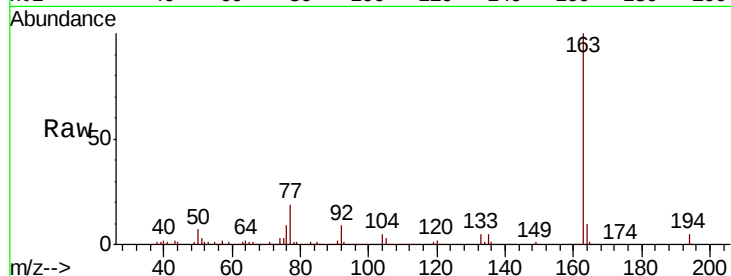
Tgt Ion:163 Resp: 169774

Ion Ratio Lower Upper

163 100

194 4.8 3.5 5.3

164 10.0 8.5 12.7

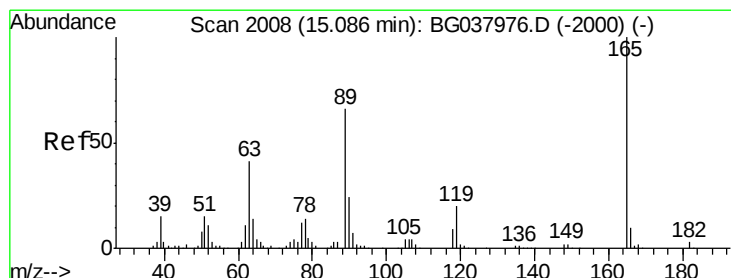
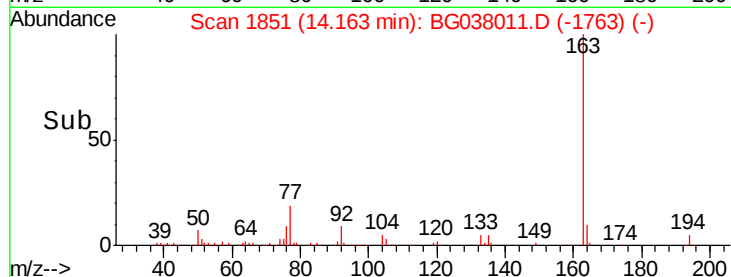
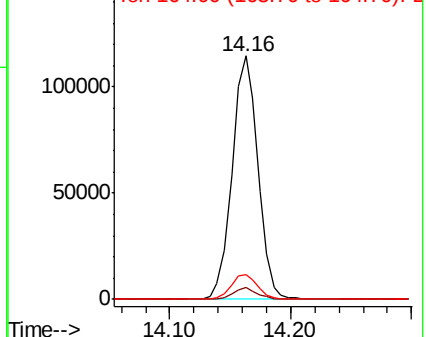


Abundance

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



#57

2,4-Dinitrotoluene

Concen: 5.496 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.37 min

Lab File: BG038011.D

Acq: 15 Nov 2018 00:13

Tgt Ion:165 Resp: 17204

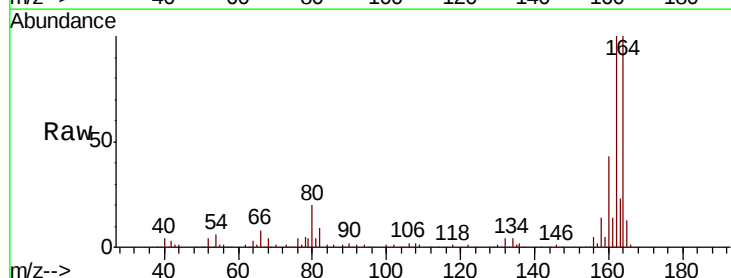
Ion Ratio Lower Upper

165 100

63 2.1 33.4 50.0#

89 1.6 57.2 85.8#

182 0.0 2.6 4.0#



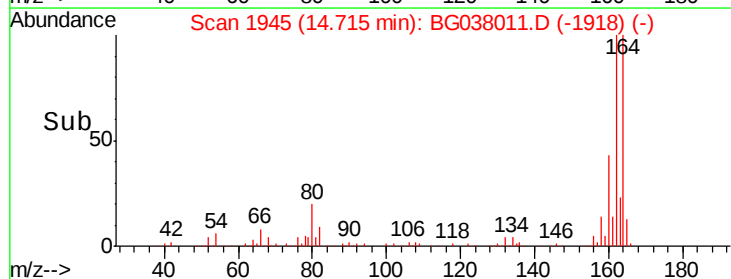
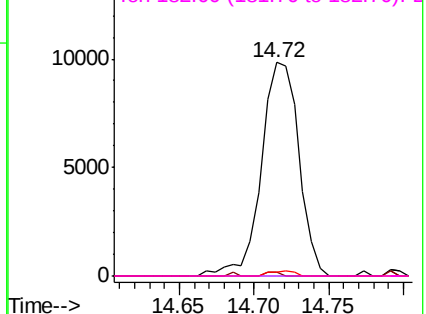
Abundance

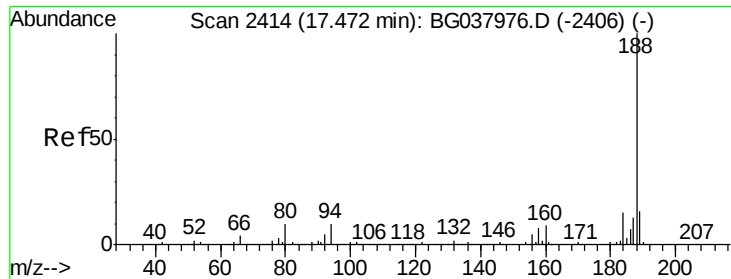
Ion 165.00 (164.70 to 165.70): E

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

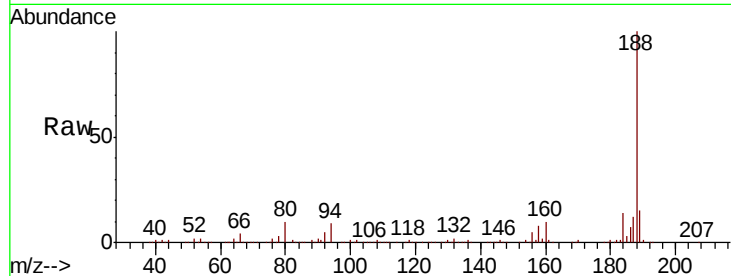




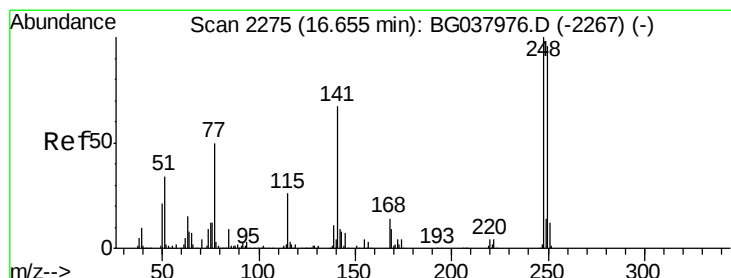
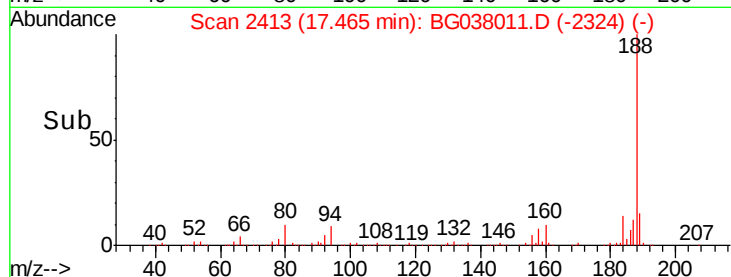
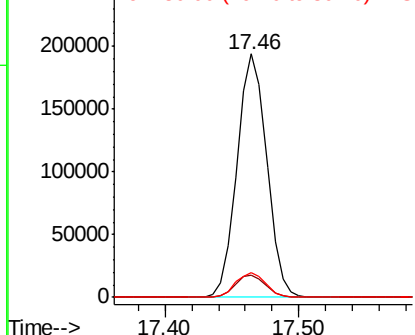
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG038011.D
Acq: 15 Nov 2018 00:13

Instrument :
BNA_G
ClientSampleId :
BOTTOM-C

Tgt Ion:188 Resp: 299136
Ion Ratio Lower Upper
188 100
94 9.3 7.2 10.8
80 10.1 7.7 11.5

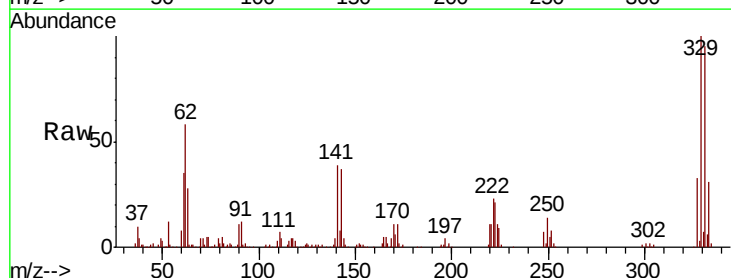


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

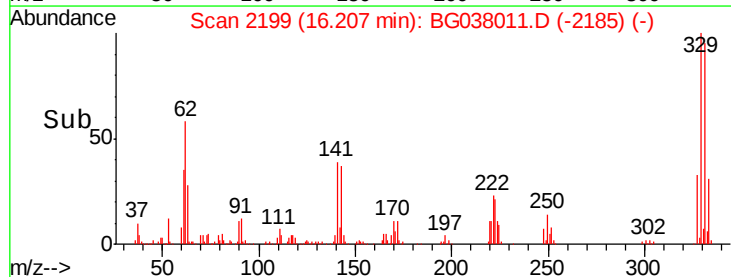
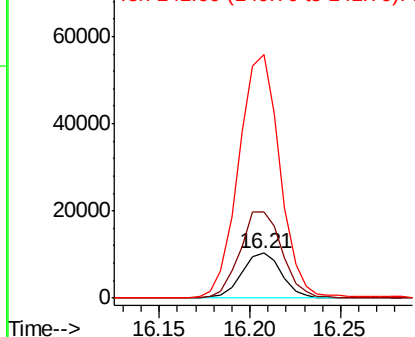


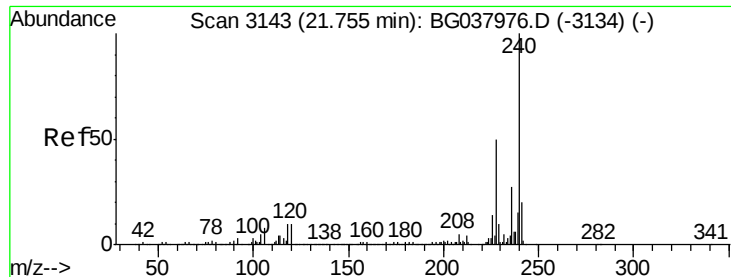
#67
4-Bromophenyl-phenylether
Concen: 4.849 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.45 min
Lab File: BG038011.D
Acq: 15 Nov 2018 00:13

Tgt Ion:248 Resp: 15922
Ion Ratio Lower Upper
248 100
250 190.9 77.0 115.6#
141 403.3 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

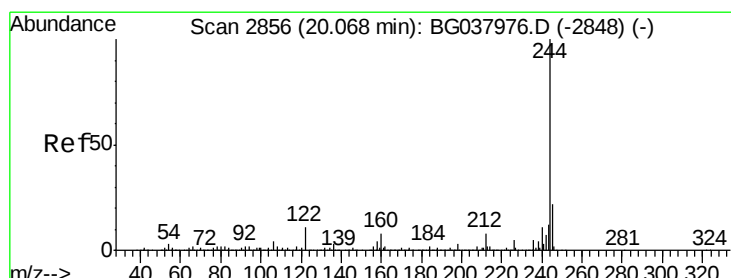
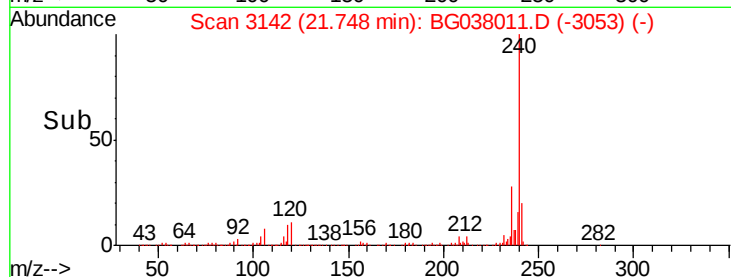
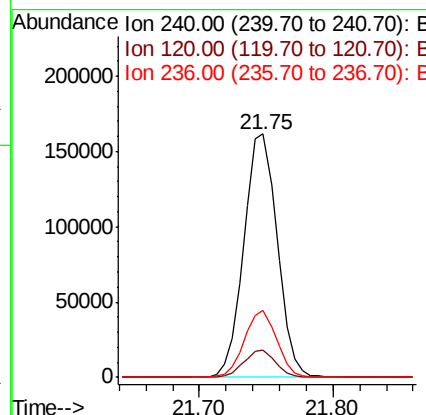
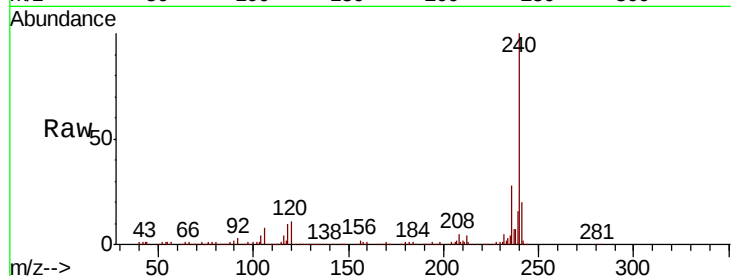




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG038011.D
Acq: 15 Nov 2018 00:13

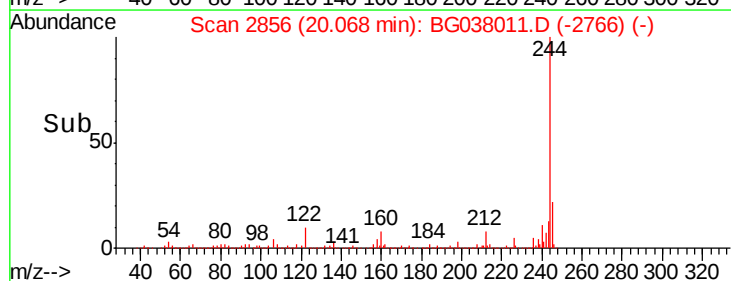
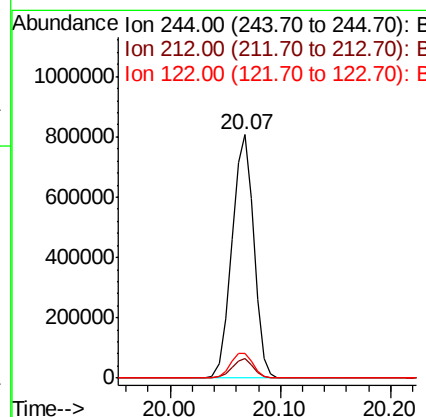
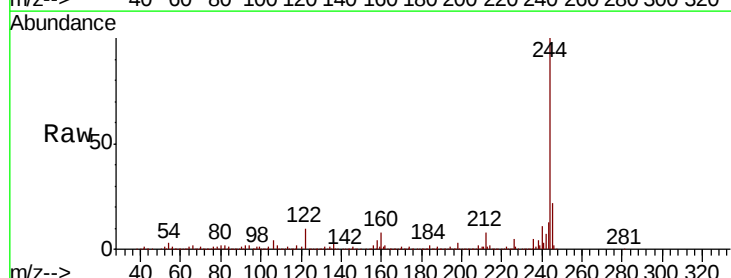
Instrument :
BNA_G
ClientSampleId :
BOTTOM-C

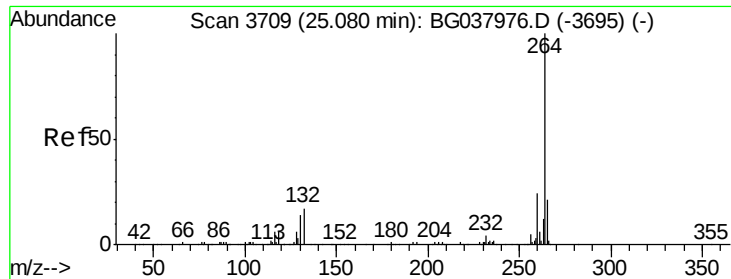
Tgt Ion:240 Resp: 279584
Ion Ratio Lower Upper
240 100
120 11.0 8.1 12.1
236 27.7 21.4 32.0



#79
Terphenyl-d14
Concen: 94.536 ng
RT: 20.07 min Scan# 2856
Delta R.T. -0.00 min
Lab File: BG038011.D
Acq: 15 Nov 2018 00:13

Tgt Ion:244 Resp: 1123277
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 10.4 9.0 13.4





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.06 min Scan# 3706

Delta R.T. -0.02 min

Lab File: BG038011.D

Acq: 15 Nov 2018 00:13

Instrument :
BNA_G
ClientSampleId :
BOTTOM-C

Tgt Ion: 264 Resp: 284907

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.4
265	21.9	17.9	26.9

