

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111418\
 Data File : BG038008.D
 Acq On : 14 Nov 2018 22:15
 Operator : JU/SJ
 Sample : J5889-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WALL-D

Quant Time: Nov 15 00:49:39 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

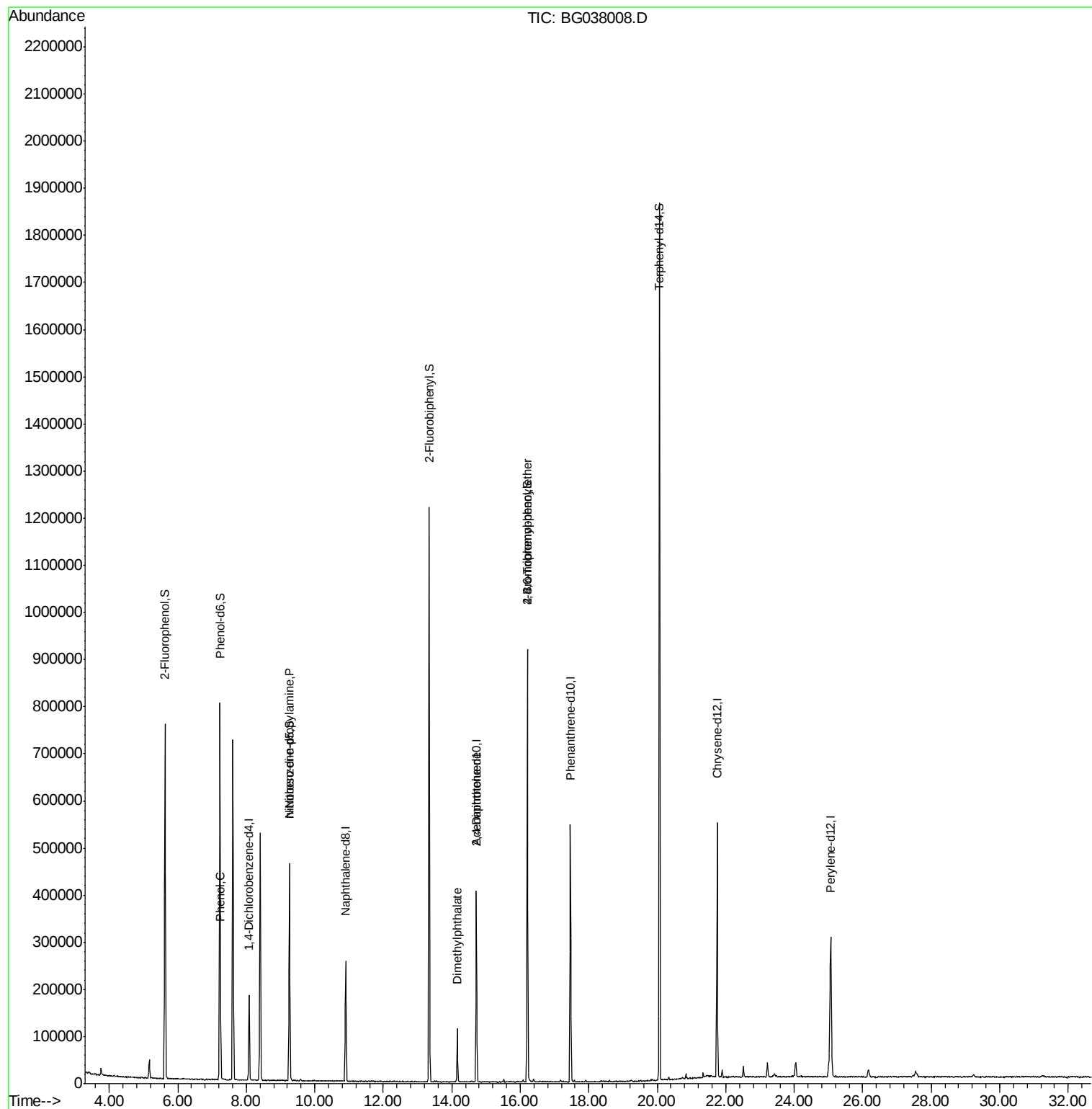
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	53414	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	233982	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	147560	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	351409	20.00	ng	0.00
76) Chrysene-d12	21.75	240	323833	20.00	ng	0.00
87) Perylene-d12	25.06	264	330127	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	341103	110.26	ng	0.00
7) Phenol-d6	7.23	99	489751	110.90	ng	0.00
23) Nitrobenzene-d5	9.26	82	294295	67.33	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	167399	99.47	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	662266	65.39	ng	0.00
79) Terphenyl-d14	20.07	244	938548	68.20	ng	0.00
Target Compounds						
10) Phenol	7.25	94	31904	6.821	ng	92
19) n-Nitroso-di-n-propylamine	9.26	70	37228	11.651	ng	# 72
50) Dimethylphthalate	14.16	163	83760	7.160	ng	99
57) 2,4-Dinitrotoluene	14.72	165	19140	5.313	ng	# 26
67) 4-Bromophenyl-phenylether	16.21	248	12950	3.358	ng	# 1

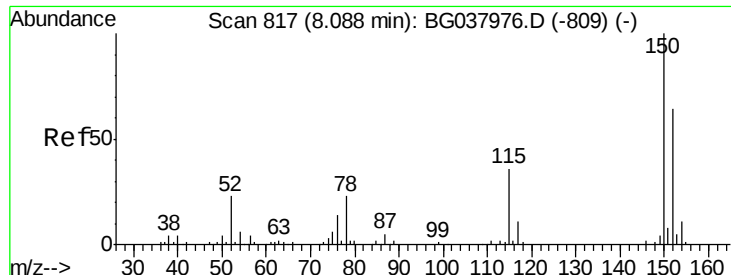
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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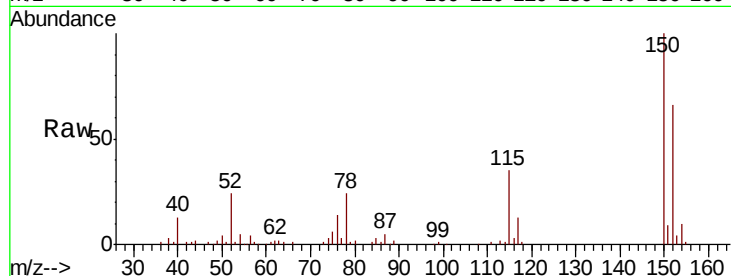


#1

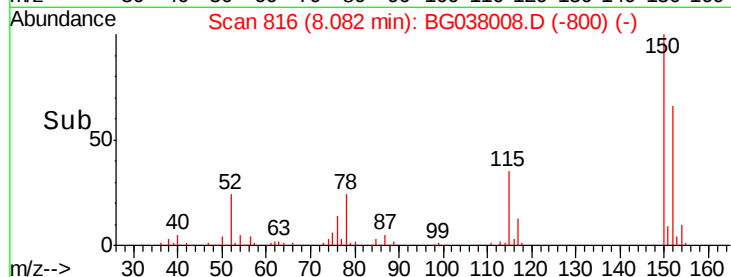
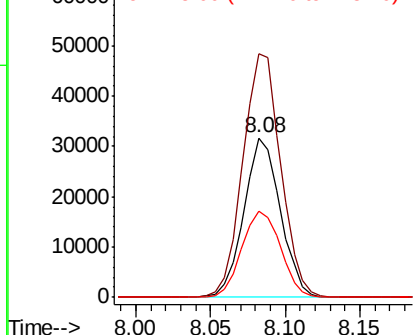
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG038008.D
Acq: 14 Nov 2018 22:15

Instrument :
BNA_G
ClientSampleId :
WALL-D

Tgt Ion:152 Resp: 53414
Ion Ratio Lower Upper
152 100
150 152.6 126.0 189.0
115 54.2 45.5 68.3



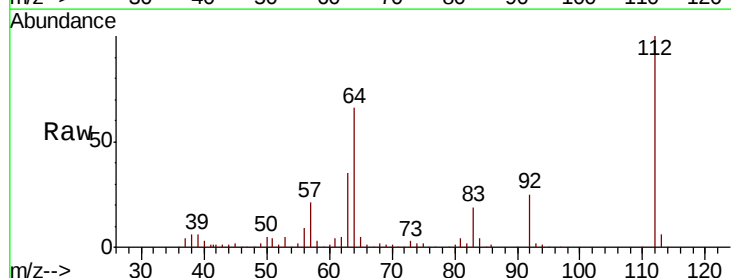
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



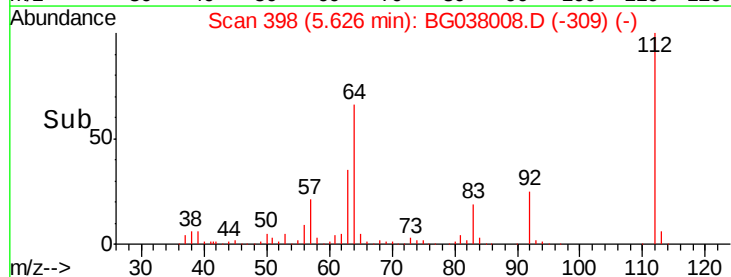
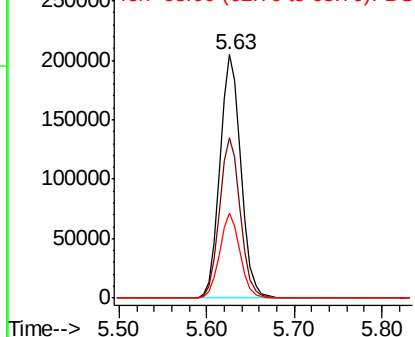
#5

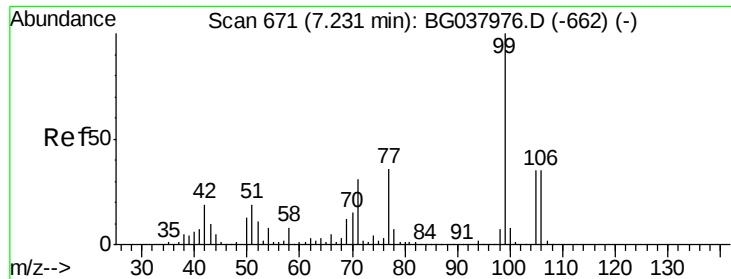
2-Fluorophenol
Concen: 110.259 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG038008.D
Acq: 14 Nov 2018 22:15

Tgt Ion:112 Resp: 341103
Ion Ratio Lower Upper
112 100
64 65.8 53.1 79.7
63 35.0 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: 110.904 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038008.D

Acq: 14 Nov 2018 22:15

Instrument :

BNA_G

ClientSampleId :

WALL-D

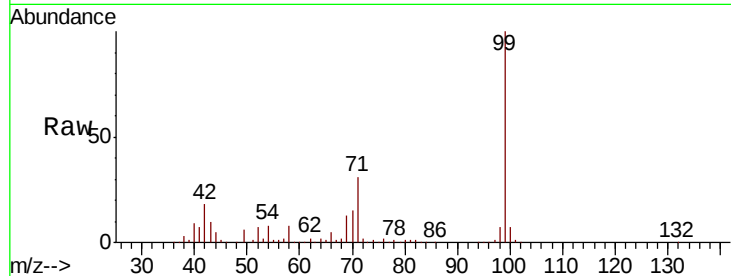
Tgt Ion: 99 Resp: 489751

Ion Ratio Lower Upper

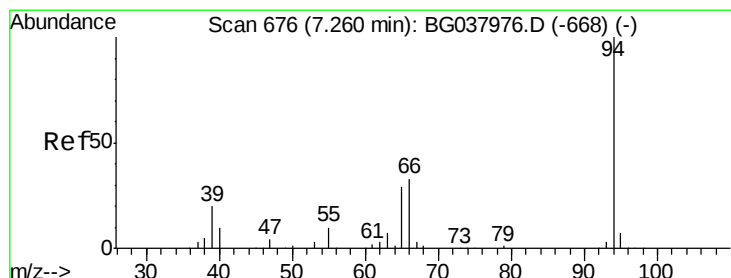
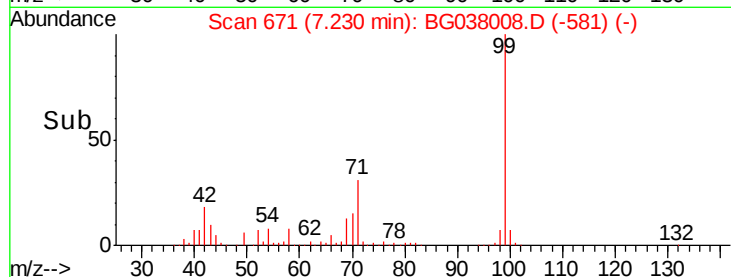
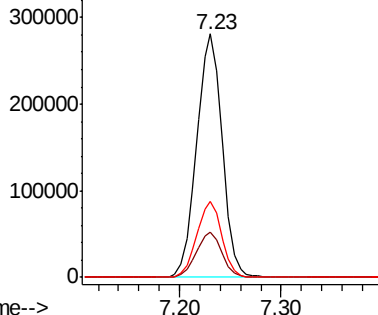
99 100

42 18.4 15.0 22.4

71 31.3 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: 6.821 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.01 min

Lab File: BG038008.D

Acq: 14 Nov 2018 22:15

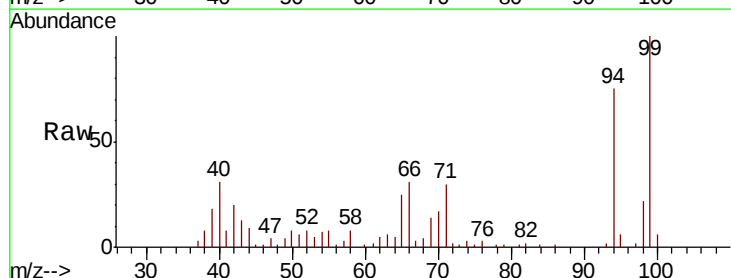
Tgt Ion: 94 Resp: 31904

Ion Ratio Lower Upper

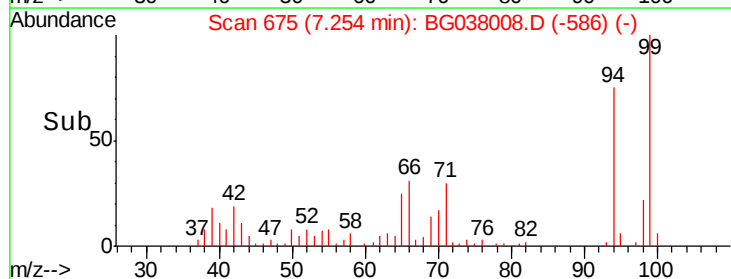
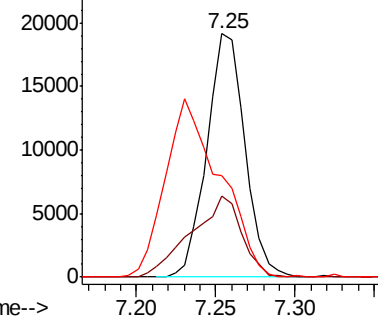
94 100

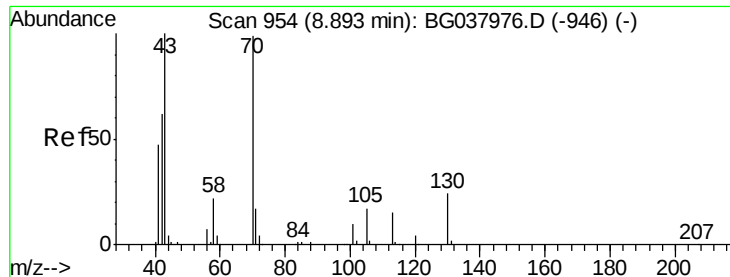
65 33.3 9.7 49.7

66 41.5 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

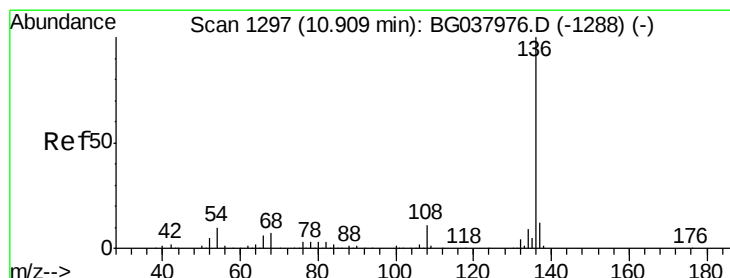
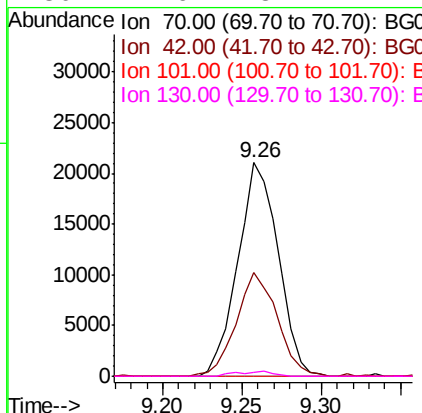
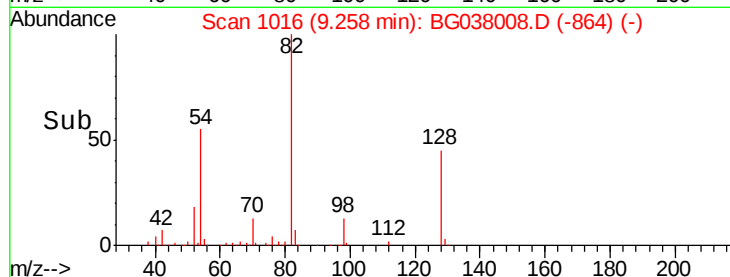
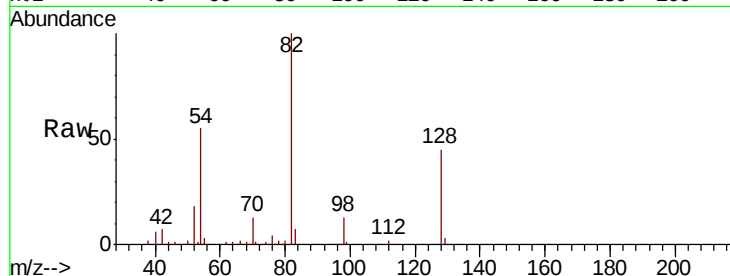




#19
n-Nitroso-di-n-propylamine
Concen: 11.651 ng
RT: 9.26 min Scan# 1016
Delta R.T. 0.36 min
Lab File: BG038008.D
Acq: 14 Nov 2018 22:15

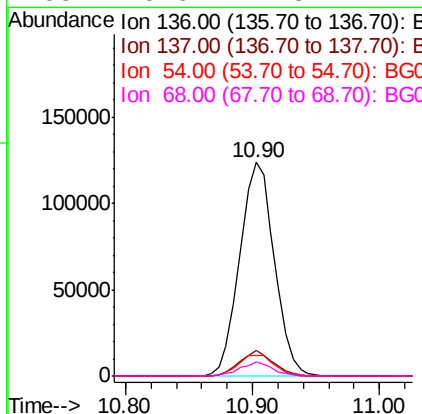
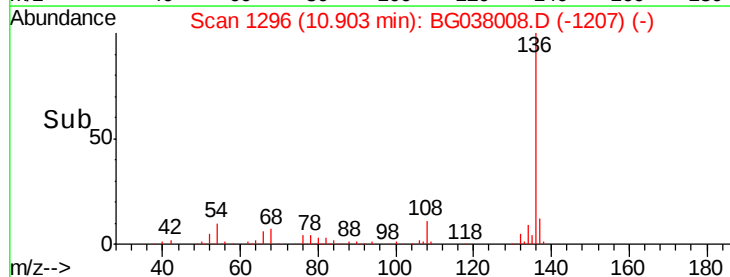
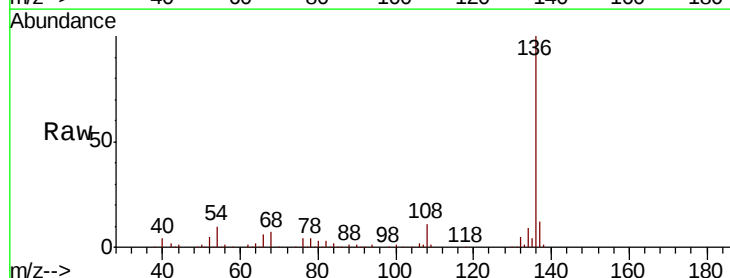
Instrument :
BNA_G
ClientSampleId :
WALL-D

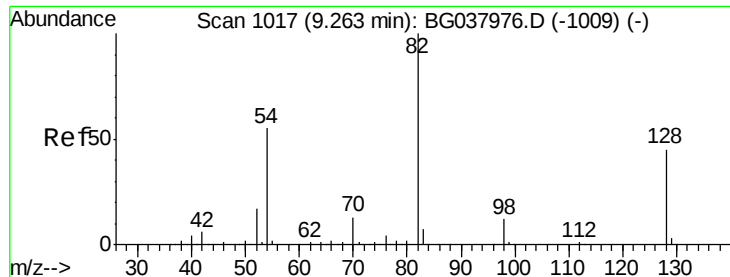
Tgt Ion: 70 Resp: 37228
Ion Ratio Lower Upper
70 100
42 48.7 53.9 80.9#
101 0.0 8.2 12.2#
130 1.6 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038008.D
Acq: 14 Nov 2018 22:15

Tgt Ion: 136 Resp: 233982
Ion Ratio Lower Upper
136 100
137 11.8 9.6 14.4
54 9.7 7.9 11.9
68 6.6 4.8 7.2

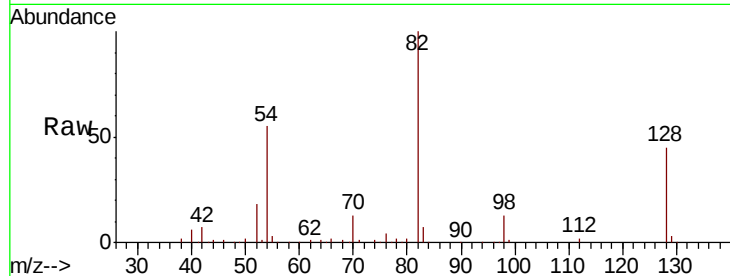




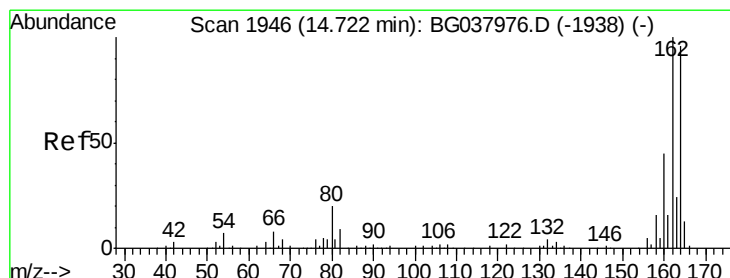
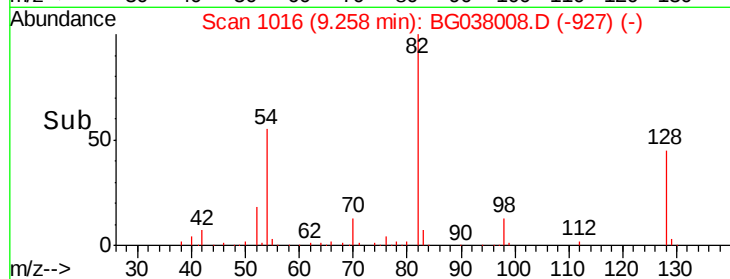
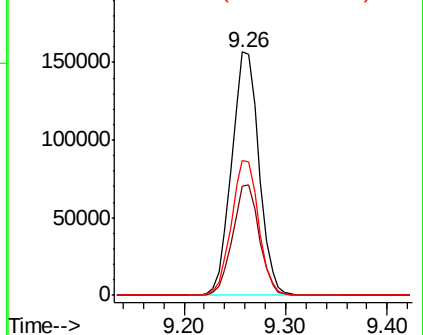
#23
Nitrobenzene-d5
Concen: 67.329 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG038008.D
Acq: 14 Nov 2018 22:15

Instrument :
BNA_G
ClientSampleId :
WALL-D

Tgt Ion: 82 Resp: 294295
Ion Ratio Lower Upper
82 100
128 44.9 34.6 51.8
54 55.3 45.3 67.9

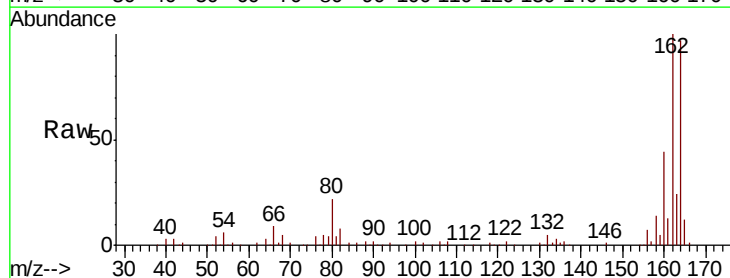


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

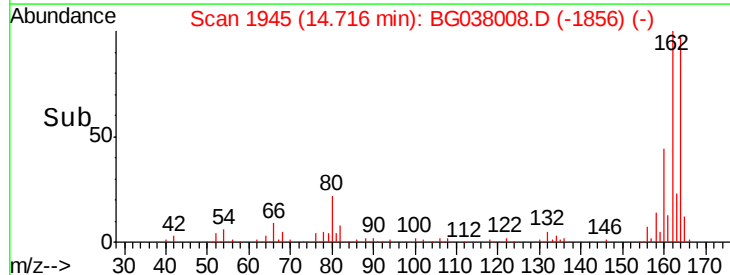
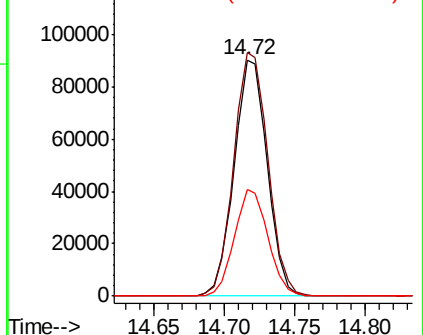


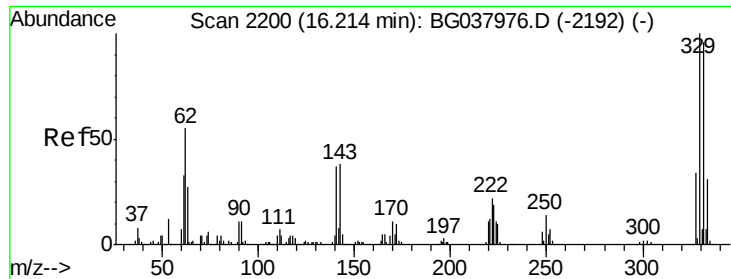
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG038008.D
Acq: 14 Nov 2018 22:15

Tgt Ion: 164 Resp: 147560
Ion Ratio Lower Upper
164 100
162 103.0 81.3 121.9
160 45.3 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

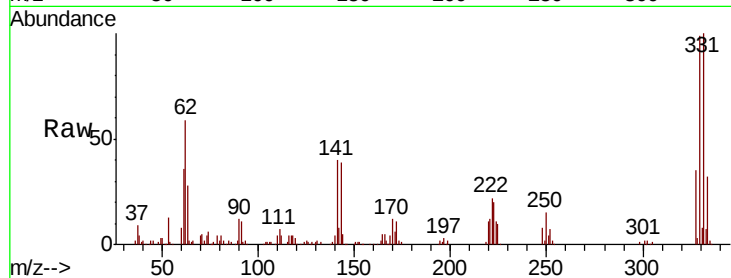




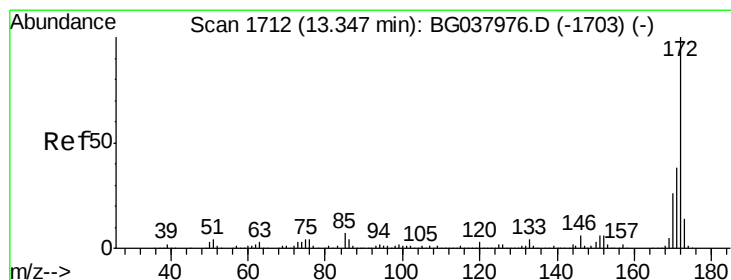
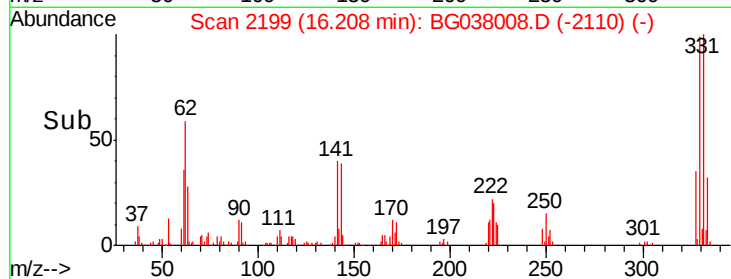
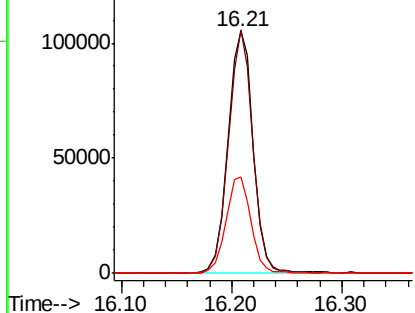
#42
 2,4,6-Tribromophenol
 Concen: 99.471 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG038008.D
 Acq: 14 Nov 2018 22:15

Instrument :
 BNA_G
 ClientSampleId :
 WALL-D

Tgt Ion:330 Resp: 167399
 Ion Ratio Lower Upper
 330 100
 332 97.0 78.4 117.6
 141 39.7 32.2 48.2

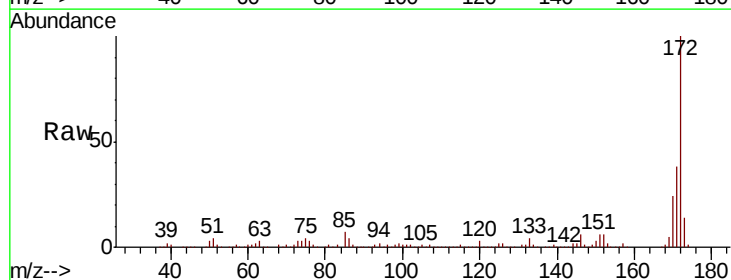


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

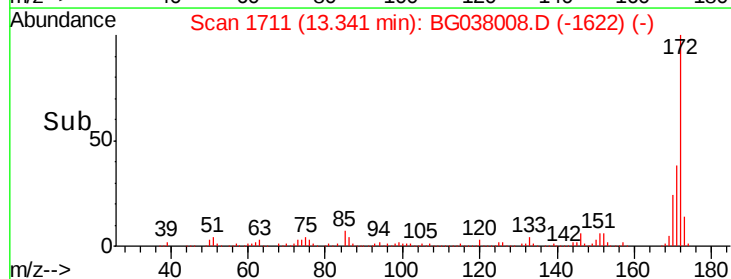
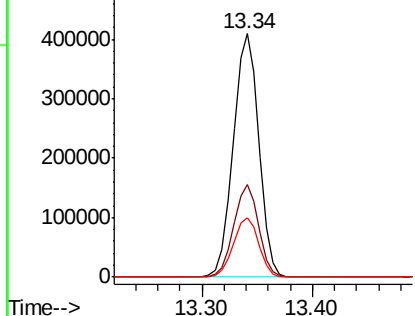


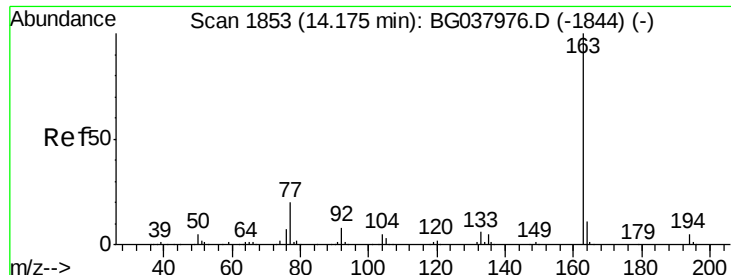
#45
 2-Fluorobiphenyl
 Concen: 65.385 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038008.D
 Acq: 14 Nov 2018 22:15

Tgt Ion:172 Resp: 662266
 Ion Ratio Lower Upper
 172 100
 171 38.0 31.0 46.4
 170 24.3 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

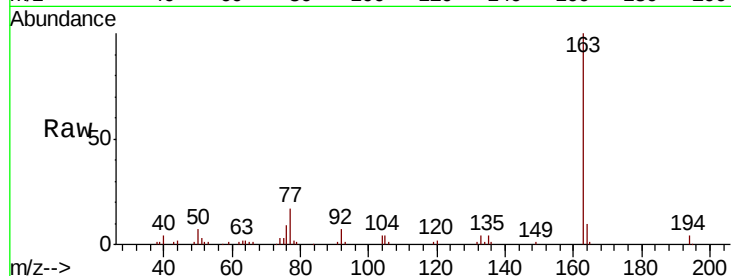




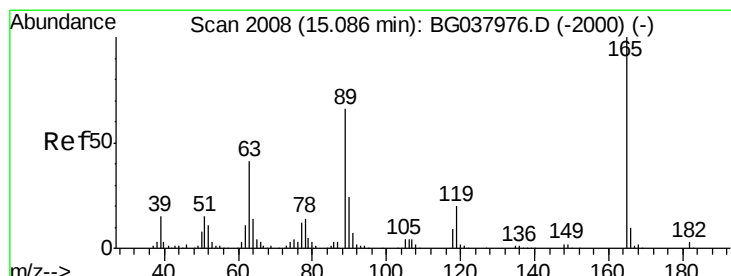
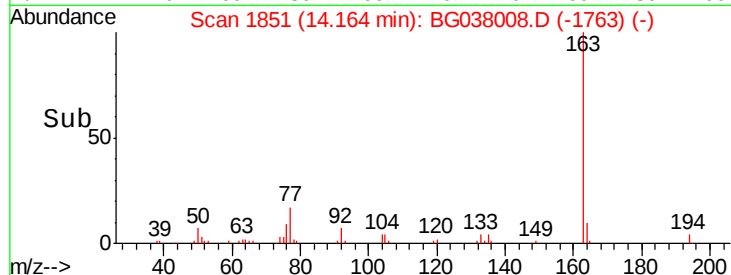
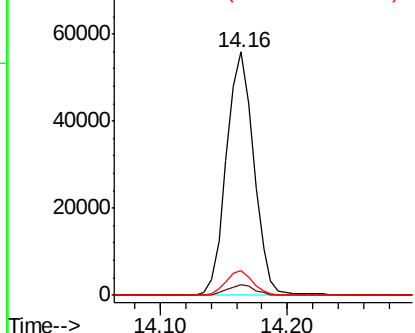
#50
Dimethylphthalate
Concen: 7.160 ng
RT: 14.16 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BG038008.D
Acq: 14 Nov 2018 22:15

Instrument :
BNA_G
ClientSampleId :
WALL-D

Tgt Ion:163 Resp: 83760
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.1 8.5 12.7

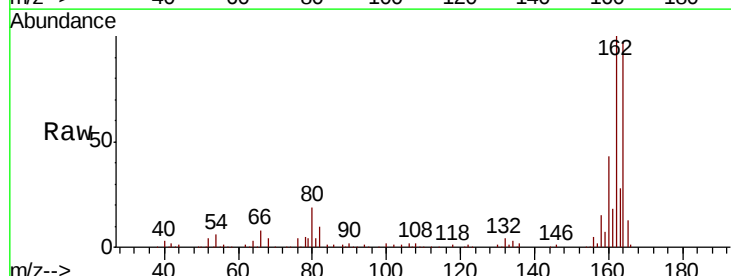


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

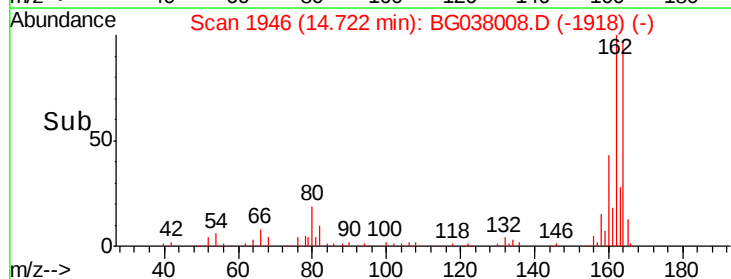
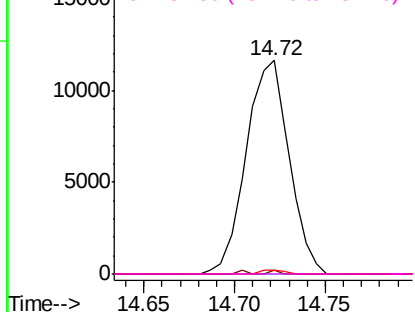


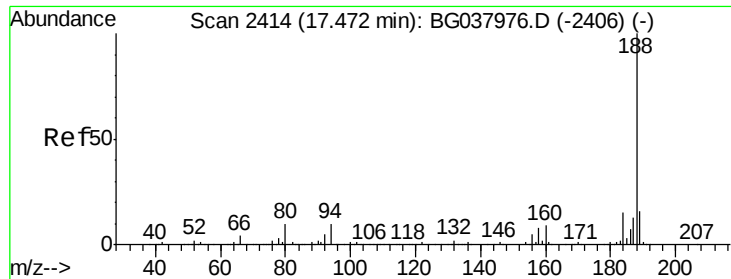
#57
2,4-Dinitrotoluene
Concen: 5.313 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.36 min
Lab File: BG038008.D
Acq: 14 Nov 2018 22:15

Tgt Ion:165 Resp: 19140
Ion Ratio Lower Upper
165 100
63 1.8 33.4 50.0#
89 2.0 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: BG038008.D

Acq: 14 Nov 2018 22:15

Instrument :

BNA_G

ClientSampleId :

WALL-D

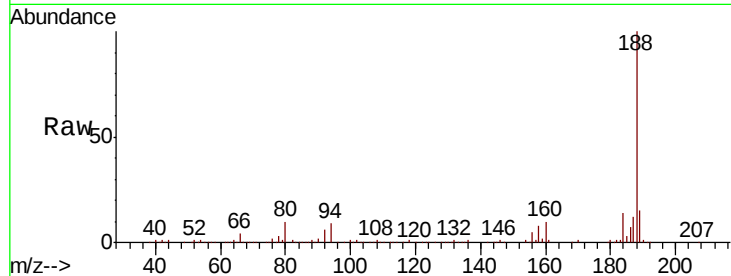
Tgt Ion:188 Resp: 351409

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

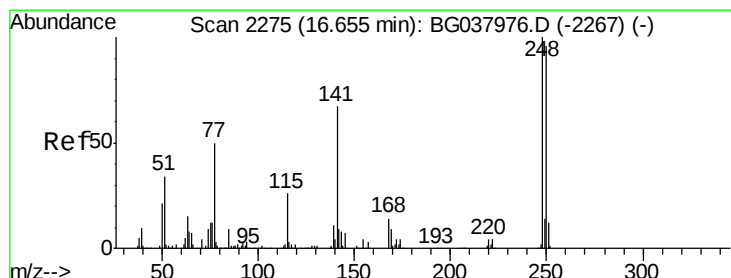
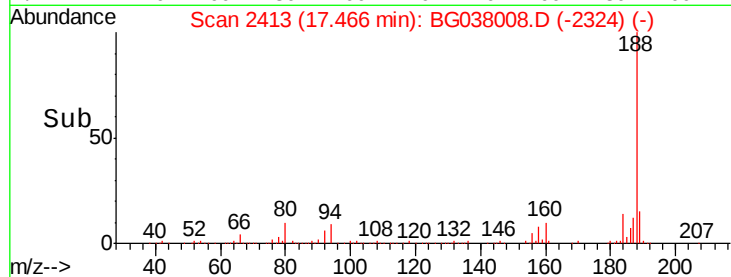
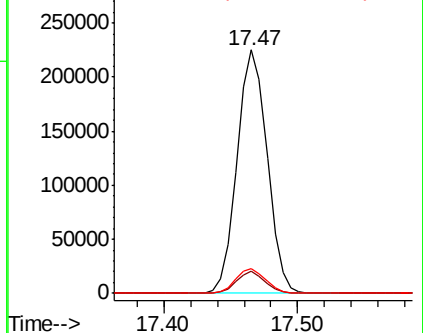
80 10.0 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#67

4-Bromophenyl-phenylether

Concen: 3.358 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.45 min

Lab File: BG038008.D

Acq: 14 Nov 2018 22:15

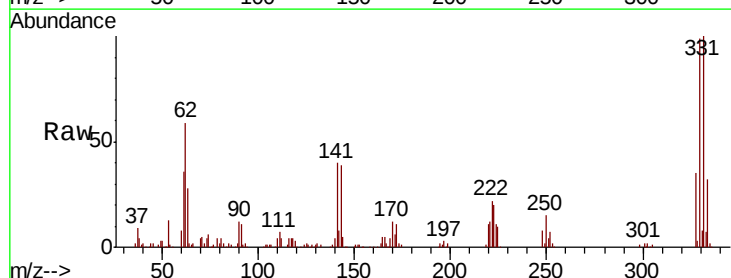
Tgt Ion:248 Resp: 12950

Ion Ratio Lower Upper

248 100

250 223.7 77.0 115.6#

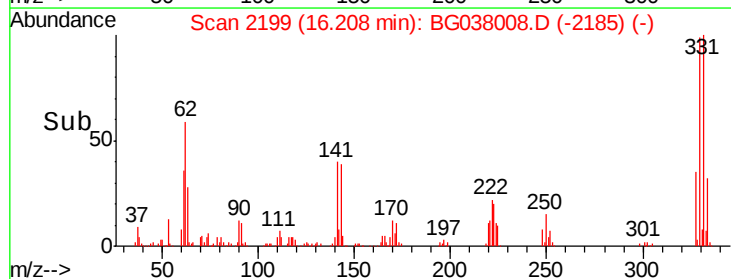
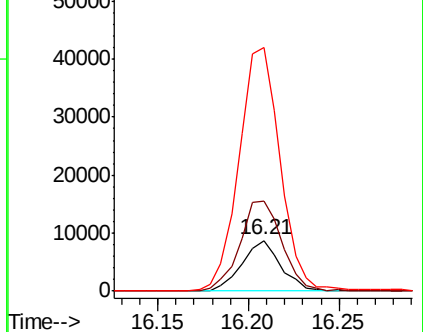
141 478.3 55.5 83.3#



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

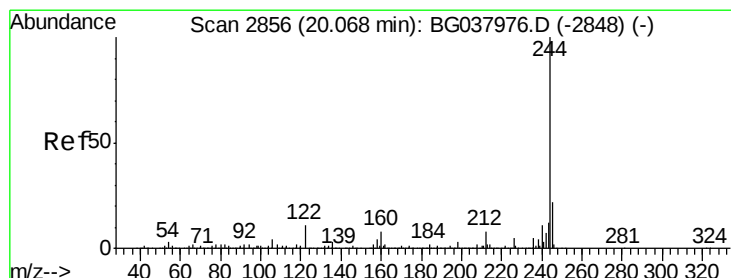
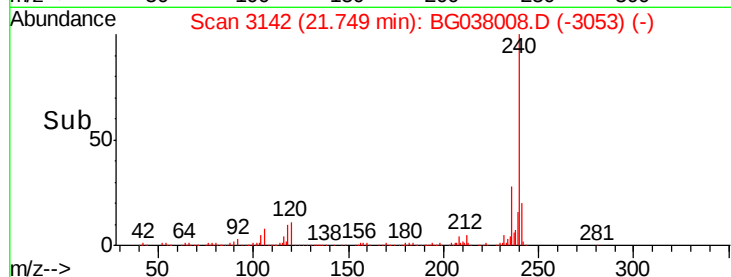
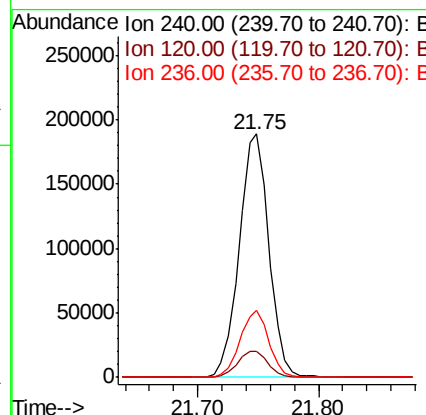
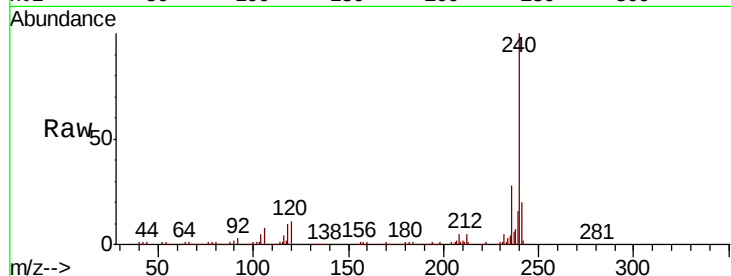




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG038008.D
Acq: 14 Nov 2018 22:15

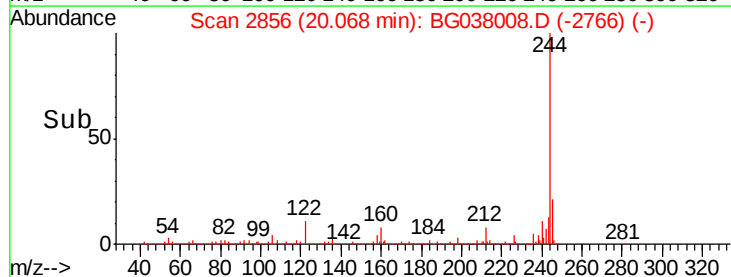
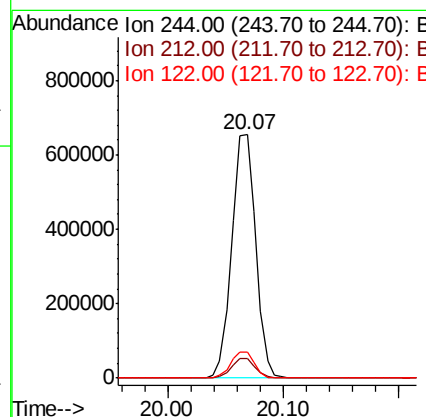
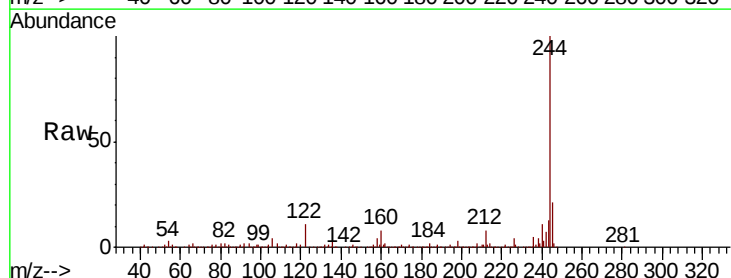
Instrument :
BNA_G
ClientSampleId :
WALL-D

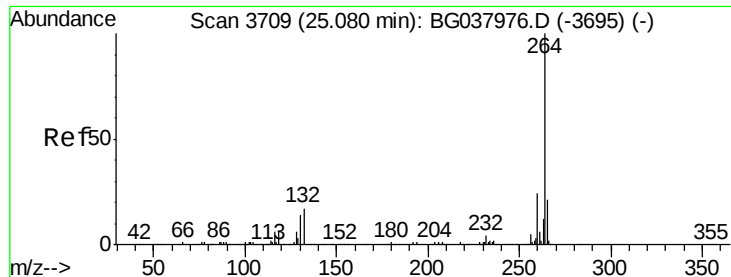
Tgt Ion:240 Resp: 323833
Ion Ratio Lower Upper
240 100
120 10.7 8.1 12.1
236 27.7 21.4 32.0



#79
Terphenyl-d14
Concen: 68.196 ng
RT: 20.07 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BG038008.D
Acq: 14 Nov 2018 22:15

Tgt Ion:244 Resp: 938548
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 10.6 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: BG038008.D
Acq: 14 Nov 2018 22:15

Instrument :
BNA_G
ClientSampleId :
WALL-D

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.4
265	21.0	17.9	26.9

