

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
 Data File : BG038992.D
 Acq On : 8 Jan 2019 12:13
 Operator : JU/SJ
 Sample : K1034-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 08 13:09:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

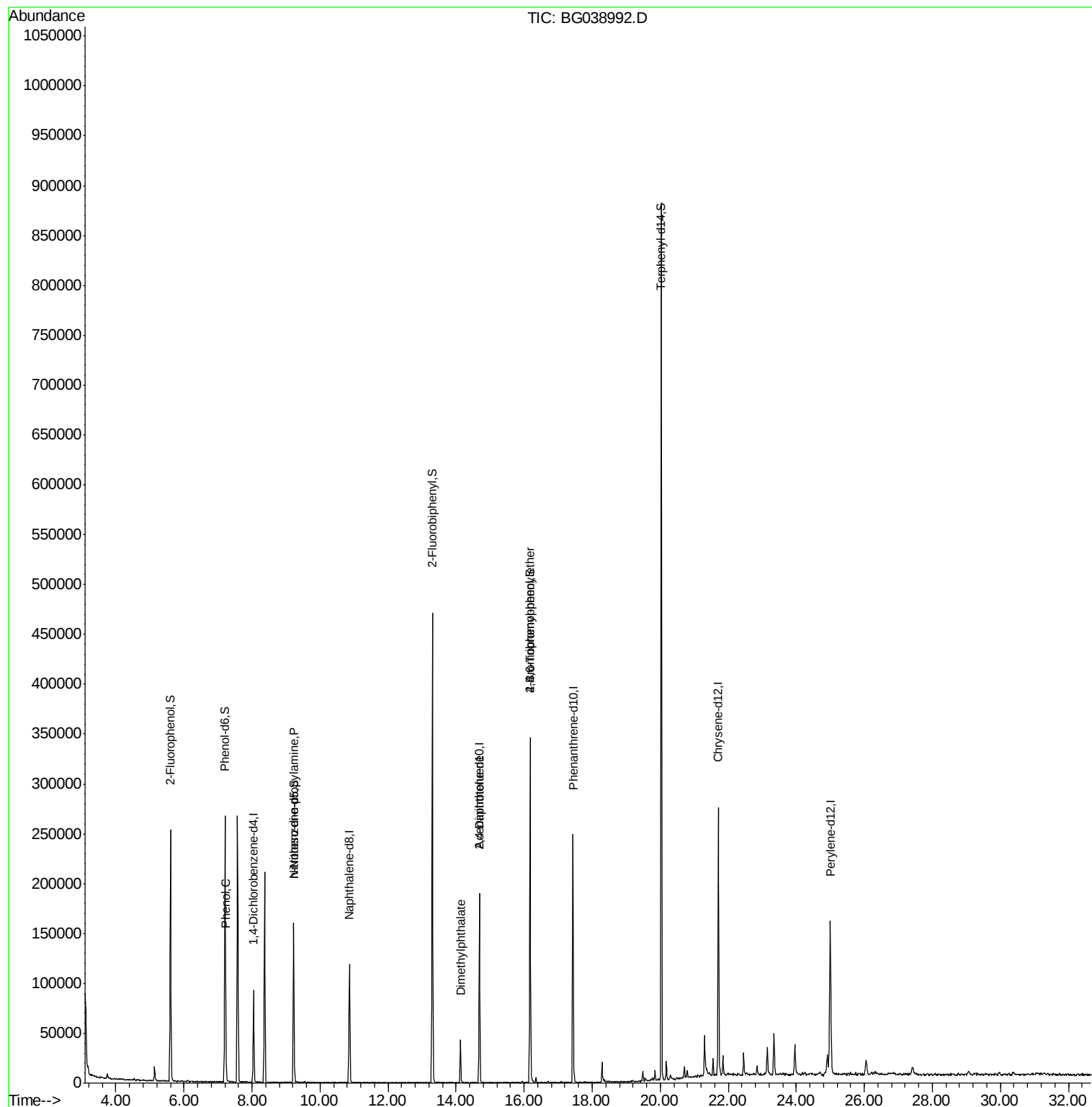
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	28352	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	110072	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	72181	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	176295	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	176807	20.00	ng	-0.02
87) Perylene-d12	25.00	264	186345	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	114596	71.69	ng	0.00
7) Phenol-d6	7.21	99	157798	71.91	ng	0.00
23) Nitrobenzene-d5	9.22	82	96356	44.72	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	76896	77.30	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	263371	50.06	ng	-0.02
79) Terphenyl-d14	20.03	244	457129	56.27	ng	-0.01
Target Compounds						
10) Phenol	7.23	94	7324	3.141	ng	90
19) n-Nitroso-di-n-propylamine	9.22	70	12962	8.410	ng	# 65
50) Dimethylphthalate	14.13	163	35522	6.026	ng	98
57) 2,4-Dinitrotoluene	14.68	165	9136	4.856	ng	# 21
67) 4-Bromophenyl-phenylether	16.17	248	5049	2.345	ng	# 1

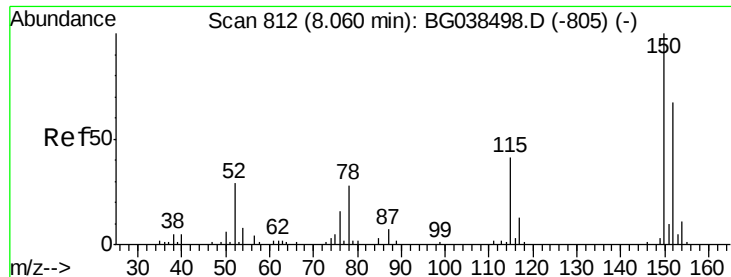
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration



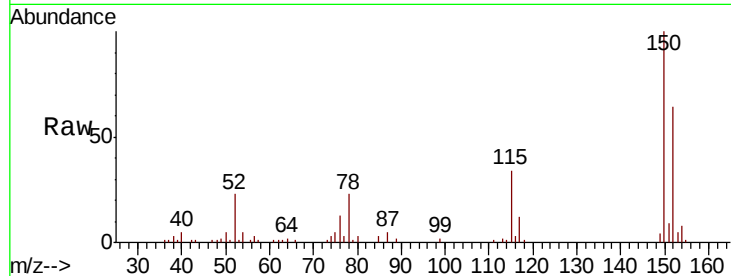


#1

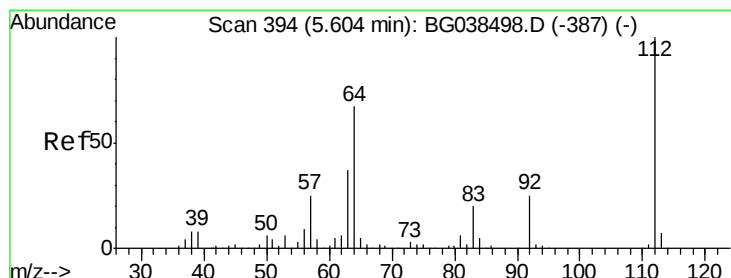
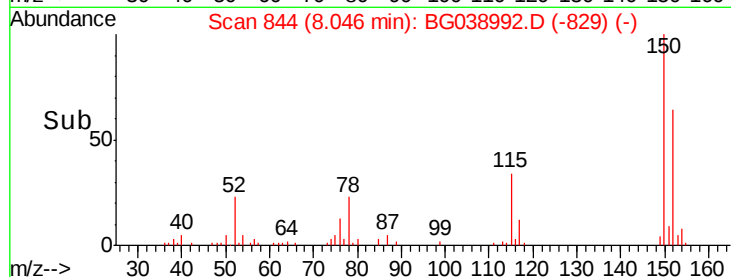
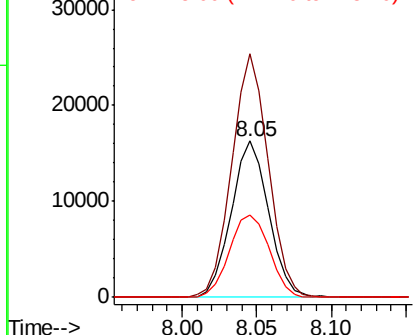
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038992.D
Acq: 8 Jan 2019 12:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 28352
Ion Ratio Lower Upper
152 100
150 156.1 119.5 179.3
115 52.5 49.6 74.4



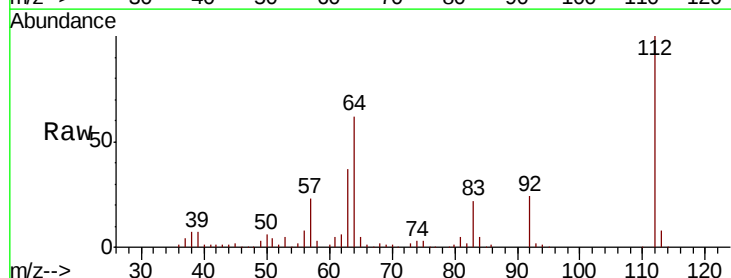
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



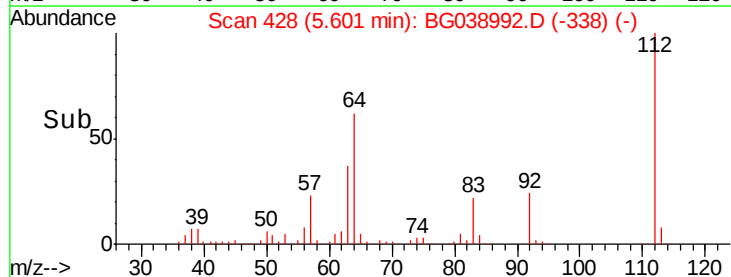
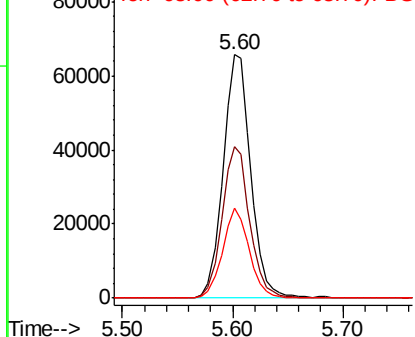
#5

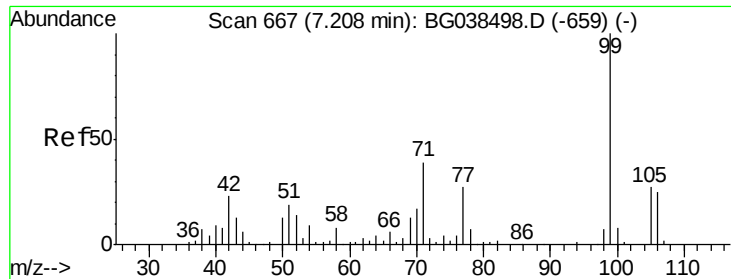
2-Fluorophenol
Concen: 71.689 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.00 min
Lab File: BG038992.D
Acq: 8 Jan 2019 12:13

Tgt Ion:112 Resp: 114596
Ion Ratio Lower Upper
112 100
64 62.5 53.4 80.2
63 37.1 29.3 43.9



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: 71.908 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038992.D

Acq: 8 Jan 2019 12:13

Instrument :

BNA_G

ClientSampled :

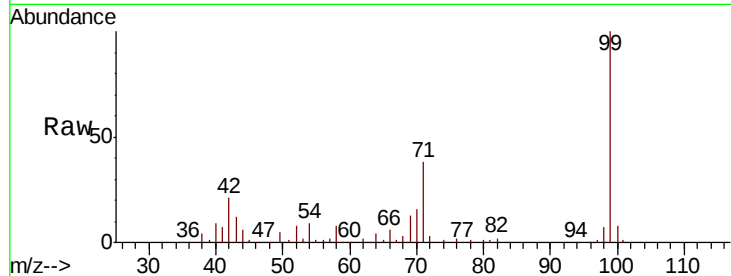
Tot Ion: 99 Resp: 157798

Ion Ratio Lower Upper

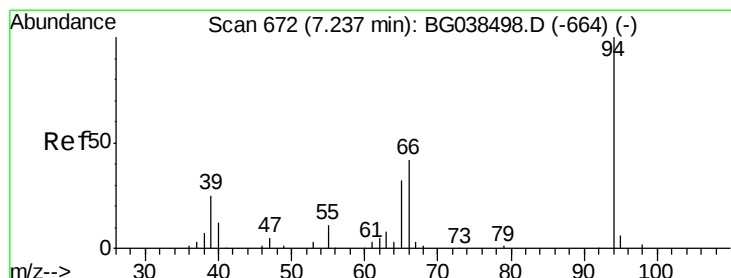
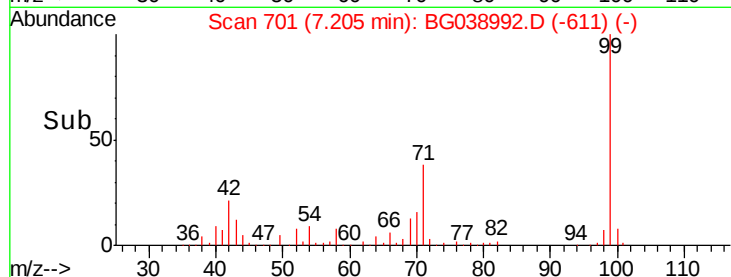
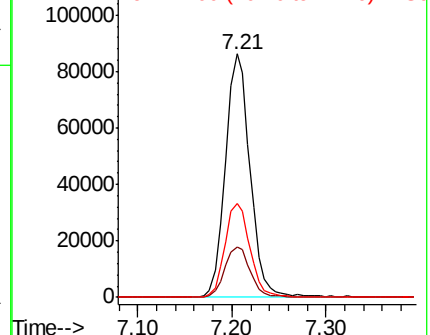
99 100

42 20.9 18.5 27.7

71 38.4 31.1 46.7



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: 3.141 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG038992.D

Acq: 8 Jan 2019 12:13

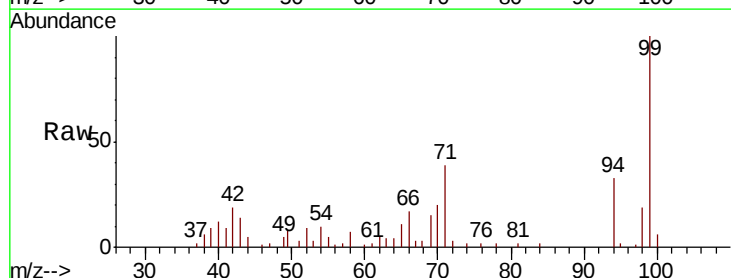
Tgt Ion: 94 Resp: 7324

Ion Ratio Lower Upper

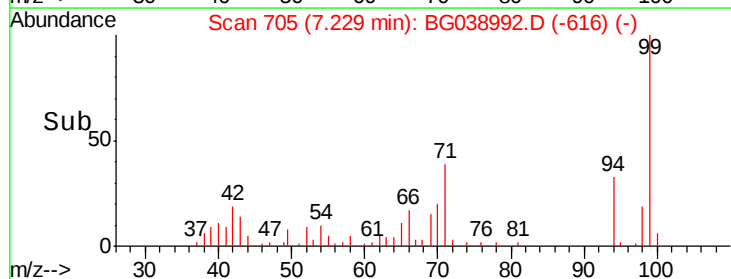
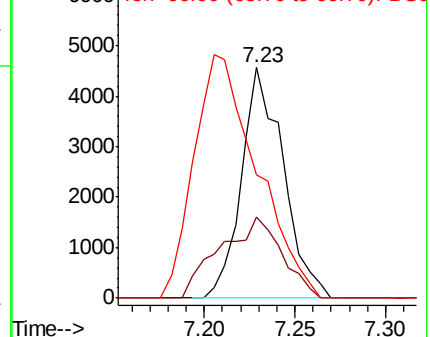
94 100

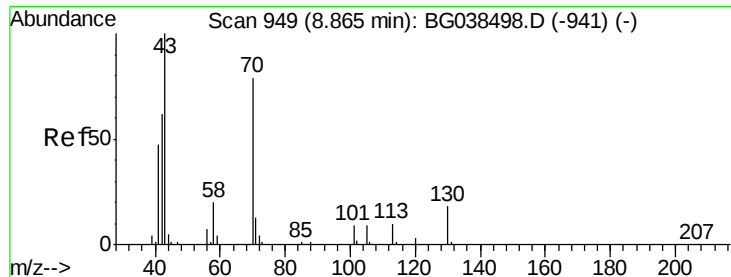
65 35.0 12.6 52.6

66 53.3 24.1 64.1



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

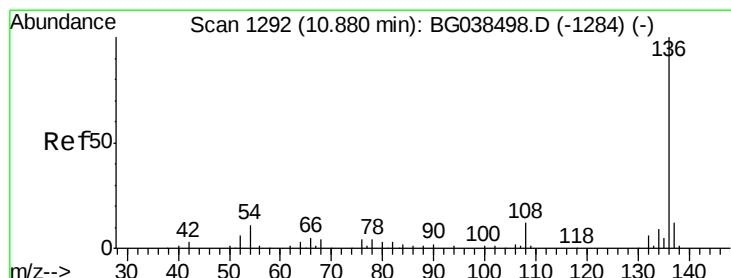
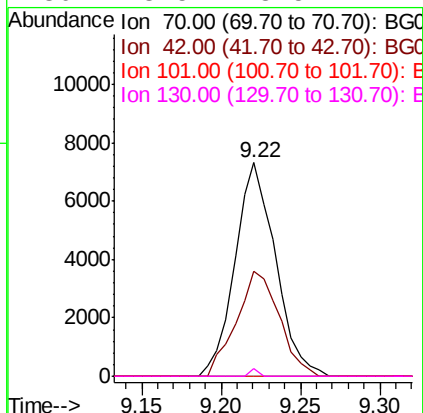
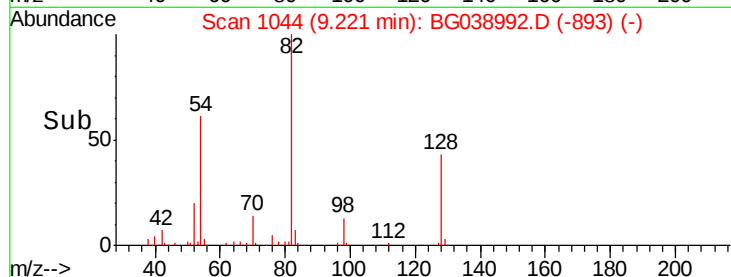
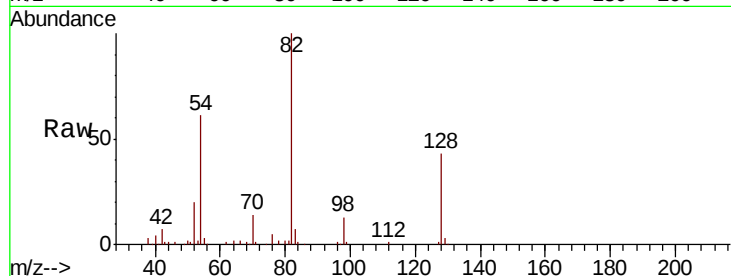




#19
n-Nitroso-di-n-propylamine
Concen: 8.410 ng
RT: 9.22 min Scan# 1044
Delta R.T. 0.36 min
Lab File: BG038992.D
Acq: 8 Jan 2019 12:13

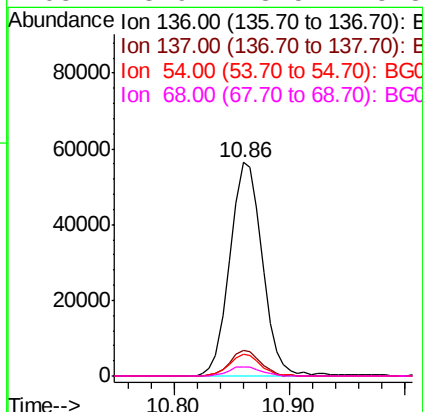
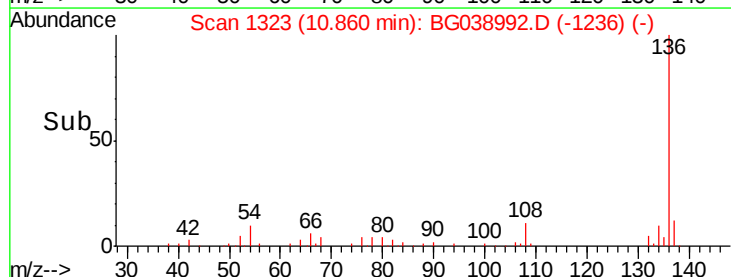
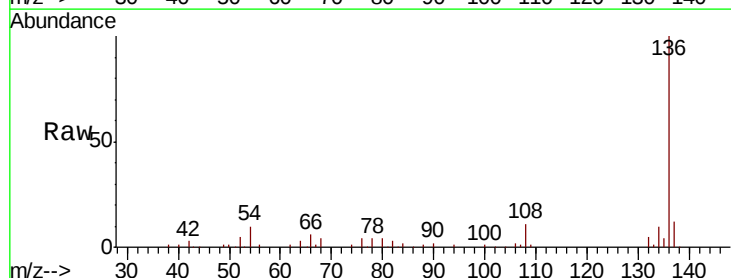
Instrument :
BNA_G
ClientSampleId :

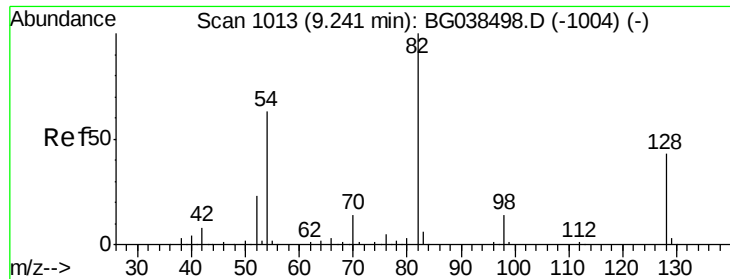
Tot Ion: 70 Resp: 12962
Ion Ratio Lower Upper
70 100
42 49.0 63.6 95.4#
101 0.0 9.2 13.8#
130 3.5 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG038992.D
Acq: 8 Jan 2019 12:13

Tgt Ion: 136 Resp: 110072
Ion Ratio Lower Upper
136 100
137 12.1 9.3 13.9
54 10.2 8.5 12.7
68 3.9 3.5 5.3

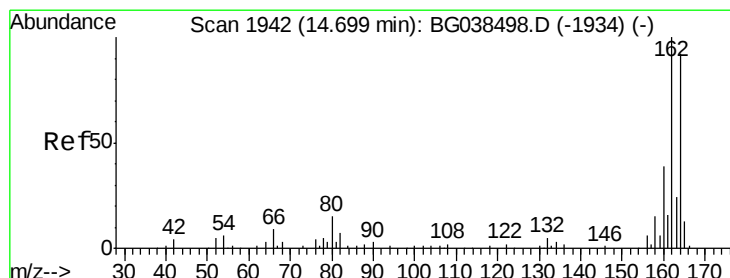
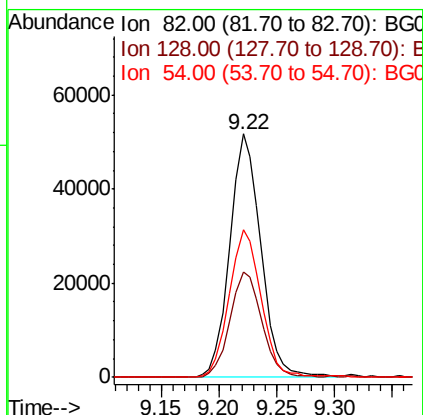
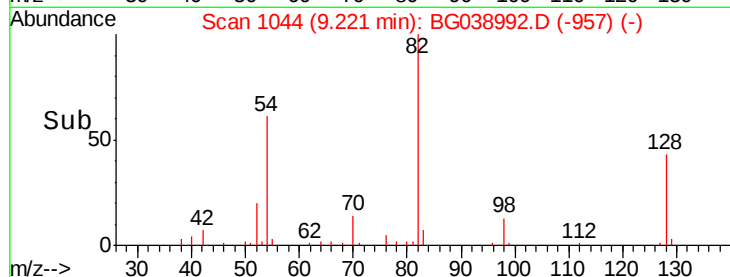
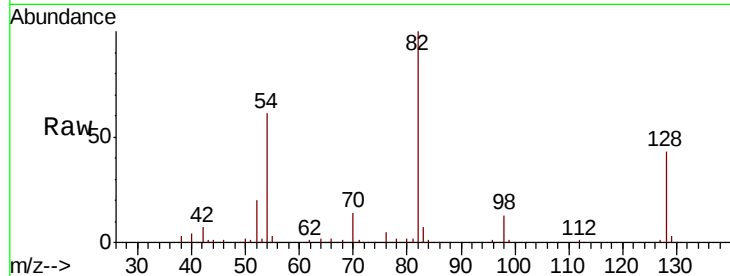




#23
Nitrobenzene-d5
Concen: 44.721 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG038992.D
Acq: 8 Jan 2019 12:13

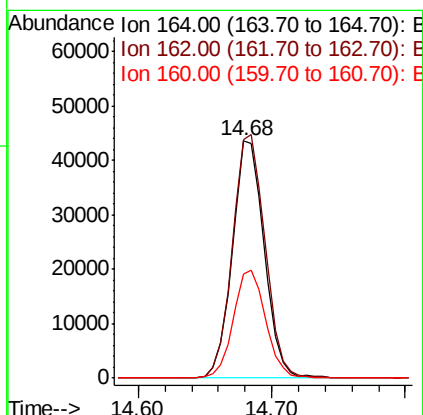
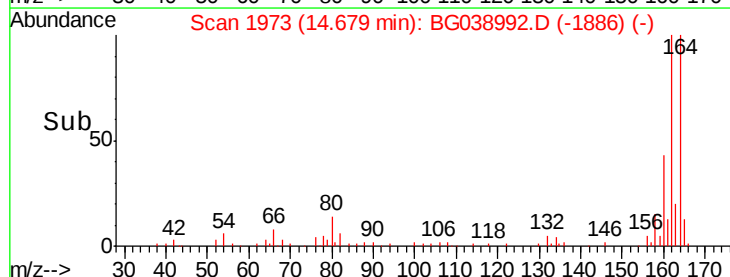
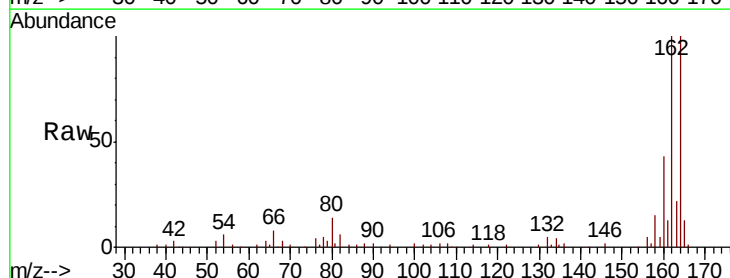
Instrument :
BNA_G
ClientSampleId :

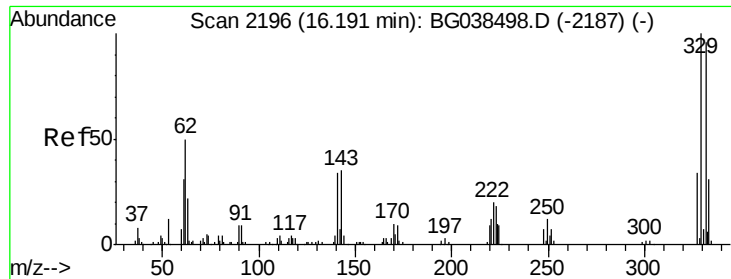
Tot Ion: 82 Resp: 96356
Ion Ratio Lower Upper
82 100
128 43.1 34.6 52.0
54 60.8 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG038992.D
Acq: 8 Jan 2019 12:13

Tgt Ion:164 Resp: 72181
Ion Ratio Lower Upper
164 100
162 100.2 86.6 130.0
160 43.5 34.2 51.2

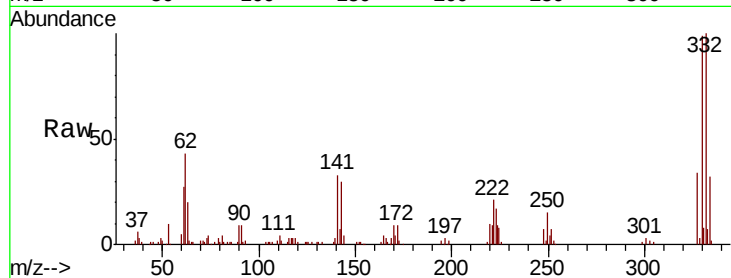




#42
 2,4,6-Tribromophenol
 Concen: 77.299 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BG038992.D
 Acq: 8 Jan 2019 12:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.9	115.3
141	32.8	28.8	43.2

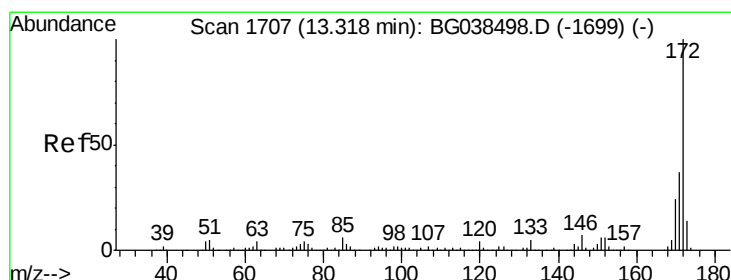
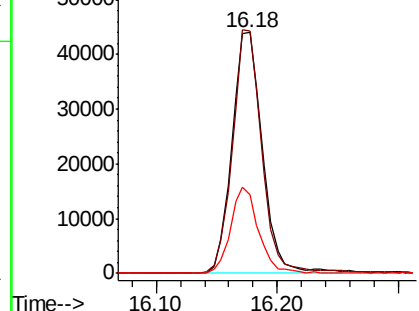
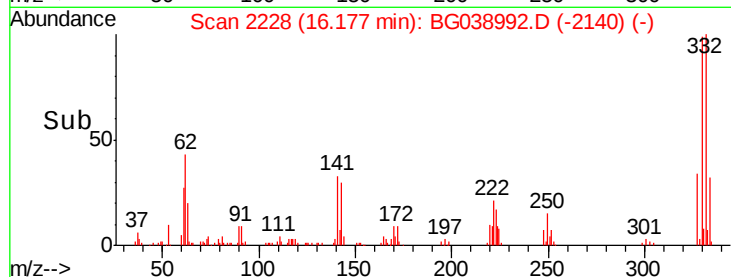


Abundance

Ion 329.80 (329.50 to 330.50): E

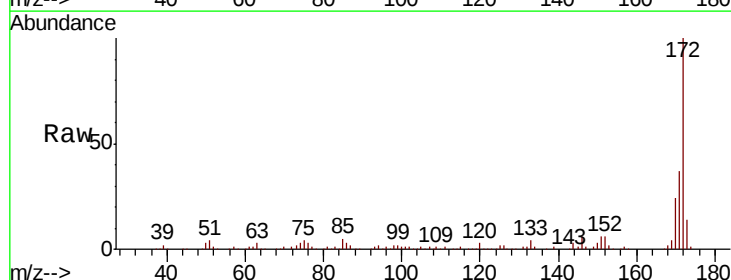
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 50.055 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG038992.D
 Acq: 8 Jan 2019 12:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.8	44.6
170	23.8	19.5	29.3

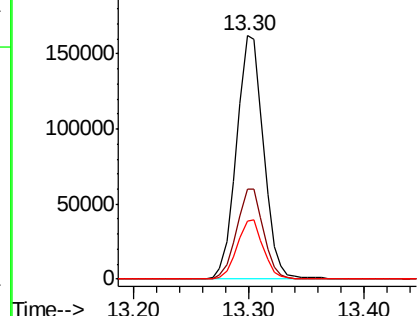
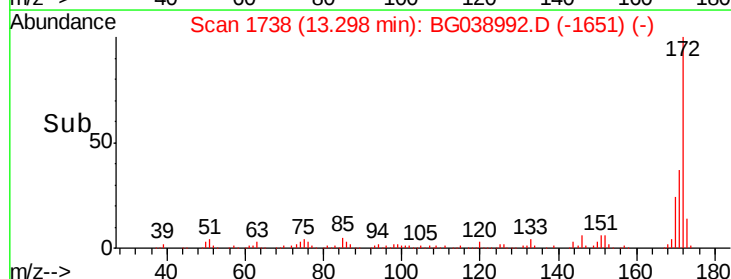


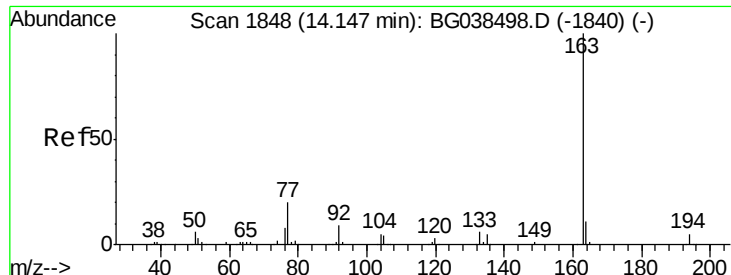
Abundance

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

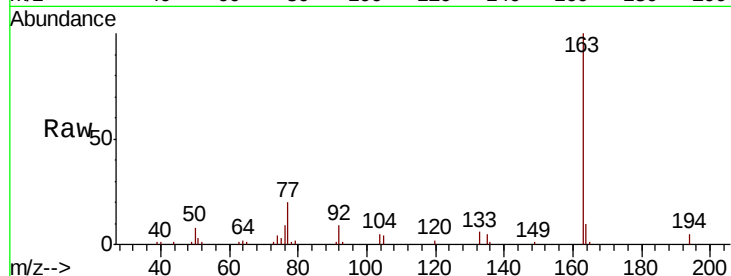




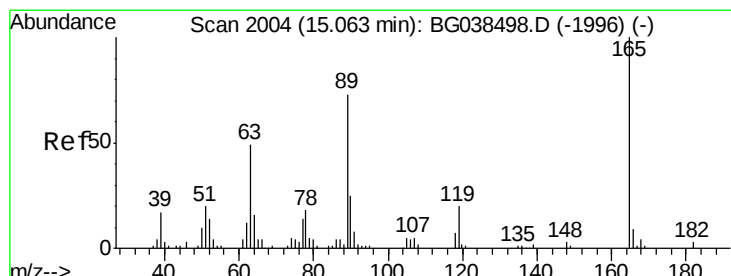
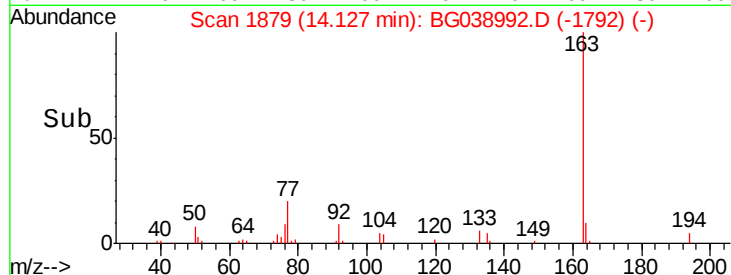
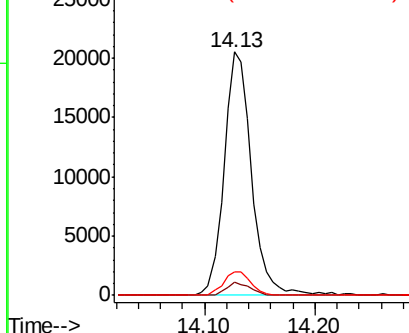
#50
Dimethylphthalate
Concen: 6.026 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BG038992.D
Acq: 8 Jan 2019 12:13

Instrument :
BNA_G
ClientSampled :

Tot Ion:163 Resp: 35522
Ion Ratio Lower Upper
163 100
194 5.2 3.7 5.5
164 9.7 8.6 12.8

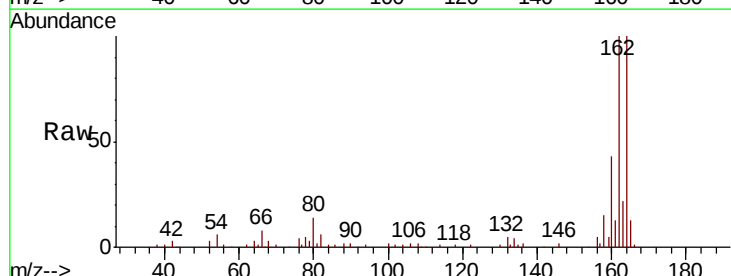


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

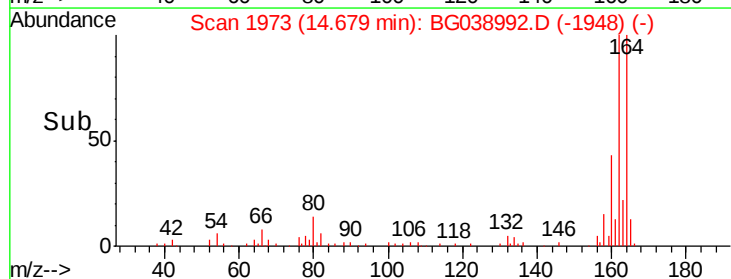
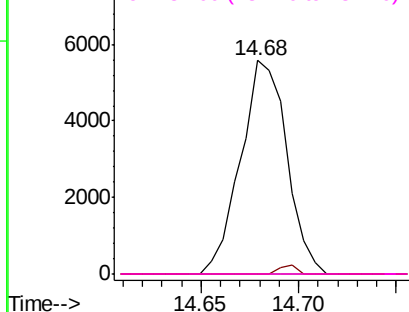


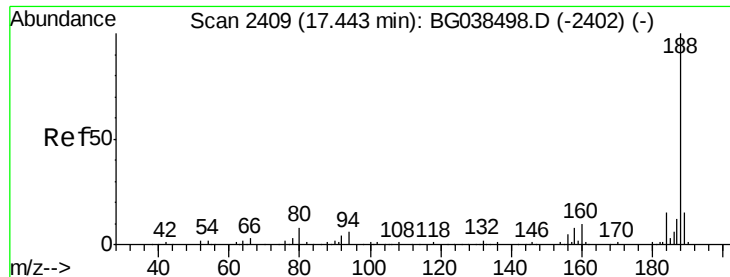
#57
2,4-Dinitrotoluene
Concen: 4.856 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.38 min
Lab File: BG038992.D
Acq: 8 Jan 2019 12:13

Tgt Ion:165 Resp: 9136
Ion Ratio Lower Upper
165 100
63 0.0 39.0 58.4#
89 0.0 58.0 87.0#
182 0.0 2.3 3.5#



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: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG038992.D

Acq: 8 Jan 2019 12:13

Instrument :

BNA_G

ClientSampled :

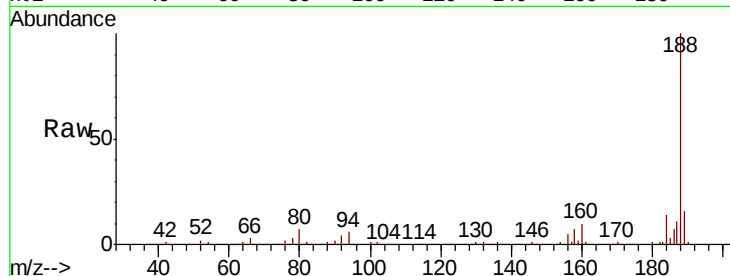
Tot Ion:188 Resp: 176295

Ion Ratio Lower Upper

188 100

94 5.6 5.1 7.7

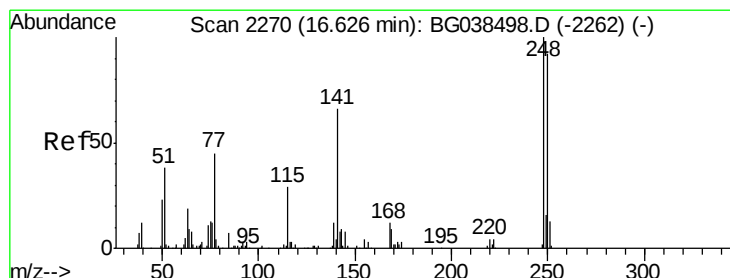
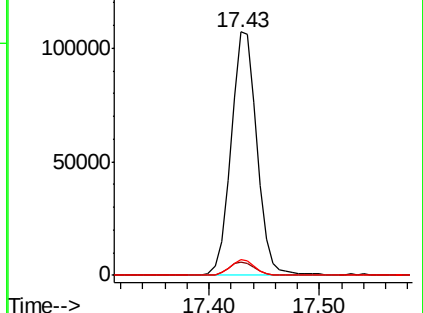
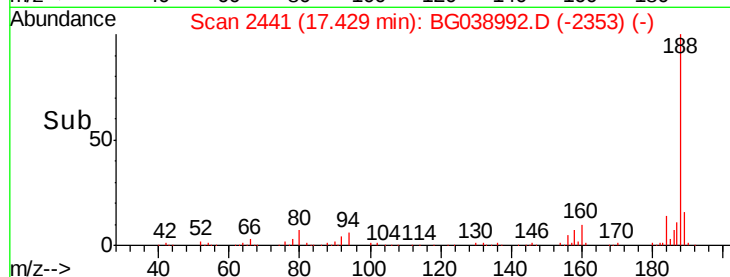
80 6.7 6.1 9.1



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: 2.345 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.45 min

Lab File: BG038992.D

Acq: 8 Jan 2019 12:13

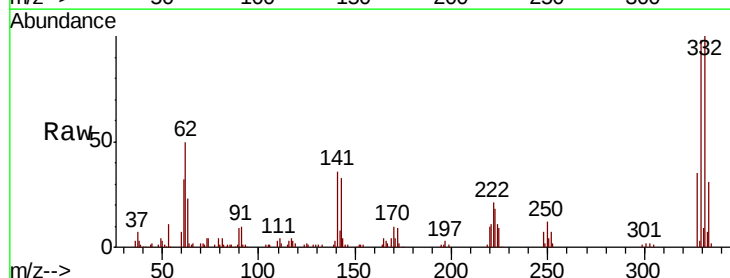
Tgt Ion:248 Resp: 5049

Ion Ratio Lower Upper

248 100

250 177.1 73.4 110.2#

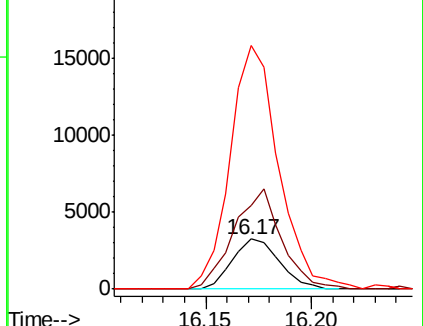
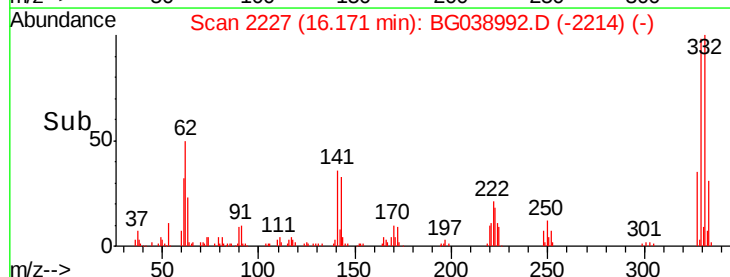
141 379.1 52.9 79.3#

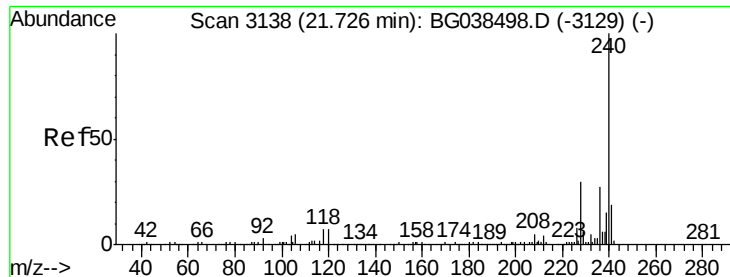


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.71 min Scan# 3169

Delta R.T. -0.02 min

Lab File: BG038992.D

Acq: 8 Jan 2019 12:13

Instrument :

BNA_G

ClientSampleId :

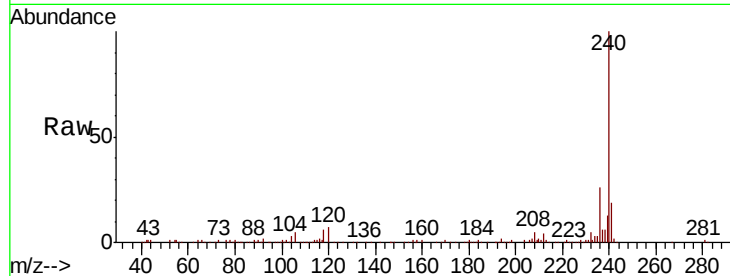
Tot Ion:240 Resp: 176807

Ion Ratio Lower Upper

240 100

120 6.5 5.3 7.9

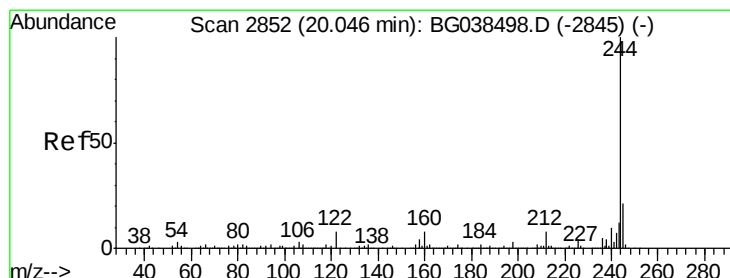
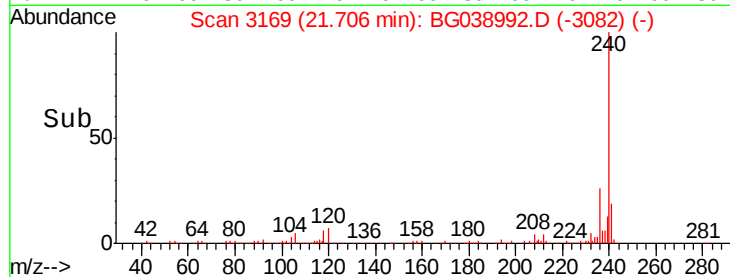
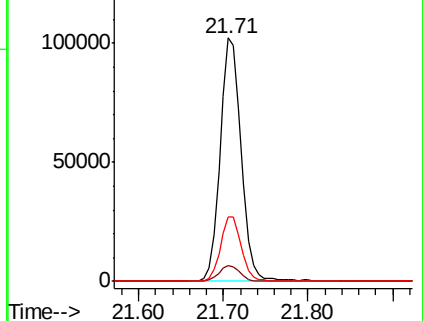
236 26.3 21.4 32.2



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: 56.268 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG038992.D

Acq: 8 Jan 2019 12:13

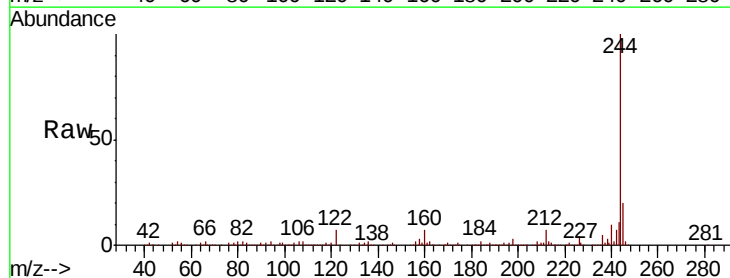
Tgt Ion:244 Resp: 457129

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

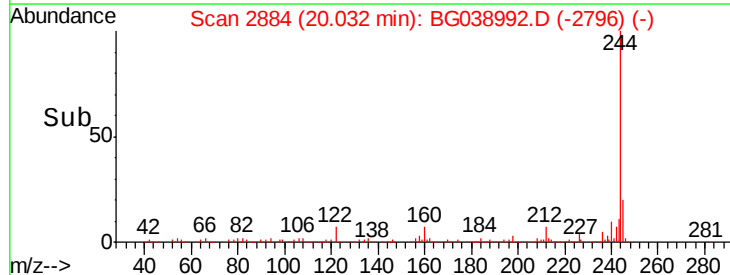
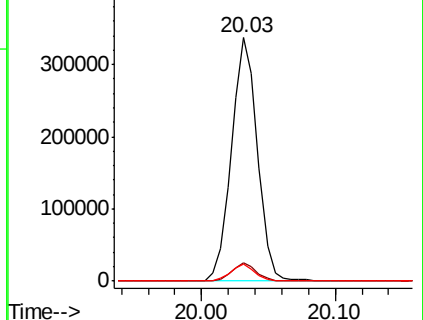
122 7.1 6.3 9.5

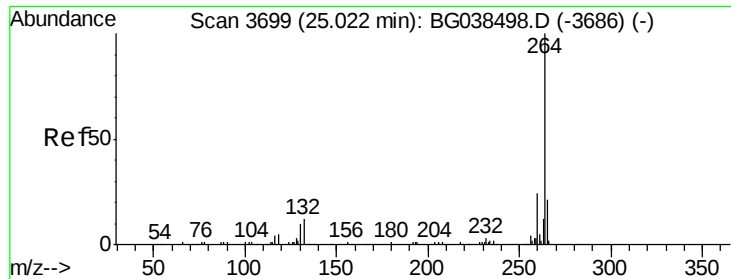


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

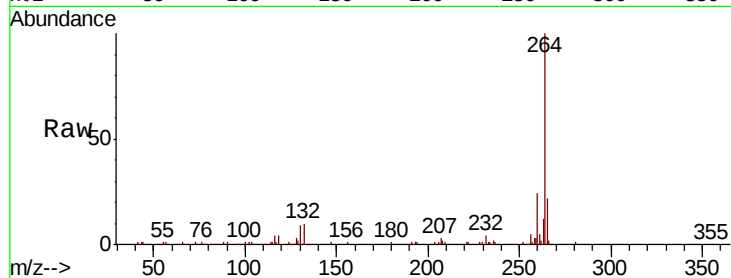




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.00 min Scan# 3729
 Delta R.T. -0.03 min
 Lab File: BG038992.D
 Acq: 8 Jan 2019 12:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.9	28.3
265	22.0	17.0	25.4



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

