

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
 Data File : BG038841.D
 Acq On : 27 Dec 2018 11:39
 Operator : JU/SJ
 Sample : J6548-20
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G-B

Quant Time: Dec 28 00:26:40 2018
 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

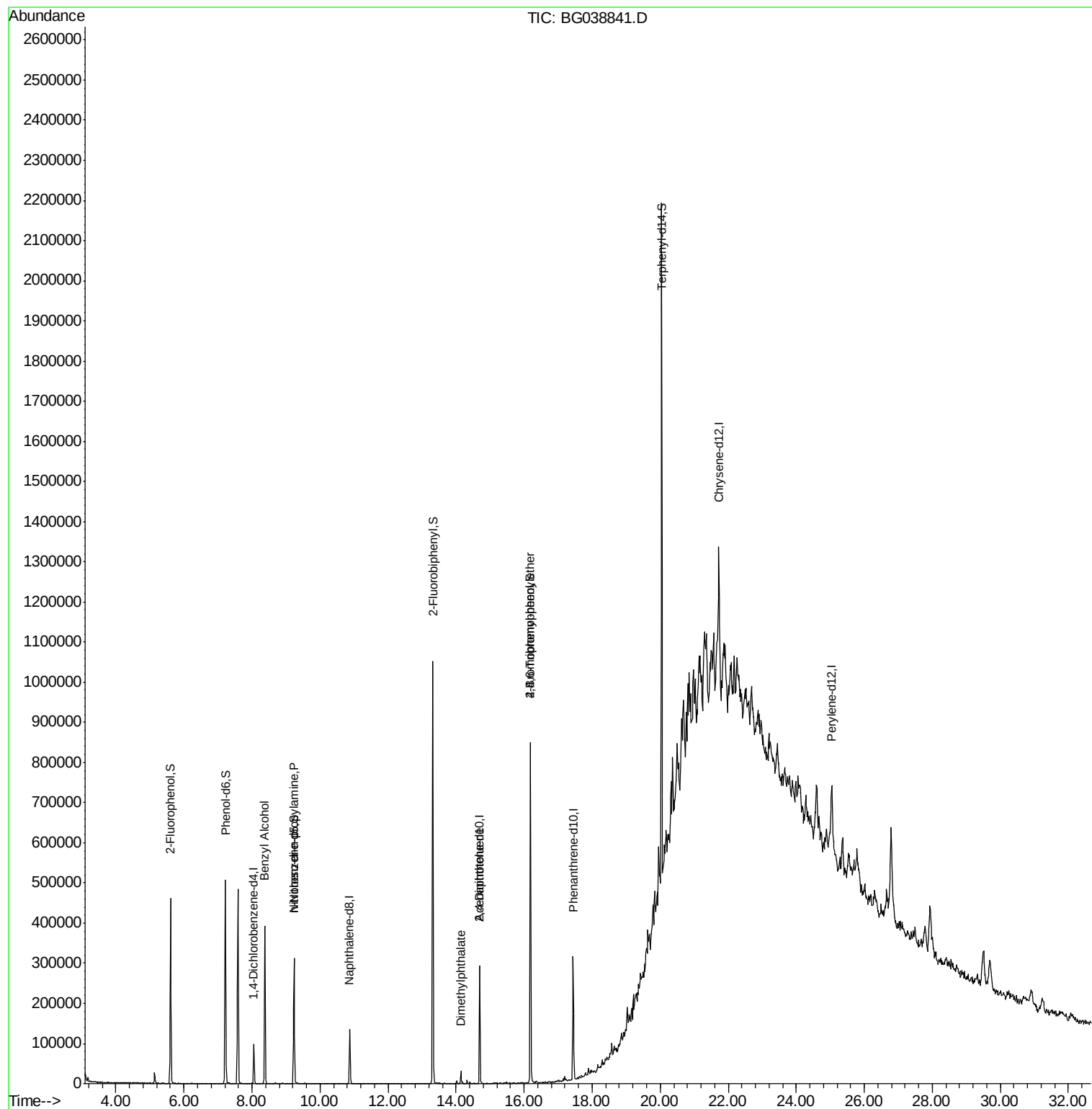
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	28988	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	125354	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	88641	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	195500	20.00	ng	0.00
76) Chrysene-d12	21.73	240	187696	20.00	ng	0.00
87) Perylene-d12	25.05	264	201618	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	200971	122.97	ng	0.00
7) Phenol-d6	7.22	99	294756	131.37	ng	0.01
23) Nitrobenzene-d5	9.23	82	189695	77.31	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	183752	150.42	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	589129	91.18	ng	0.00
79) Terphenyl-d14	20.04	244	856238	99.28	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.38	79	3540	2.021	ng	# 50
19) n-Nitroso-di-n-propylamine	9.23	70	25562	16.221	ng	# 64
50) Dimethylphthalate	14.14	163	23680	3.271	ng	97
57) 2,4-Dinitrotoluene	14.70	165	11212	4.853	ng	# 24
67) 4-Bromophenyl-phenylether	16.18	248	11657	4.882	ng	# 1

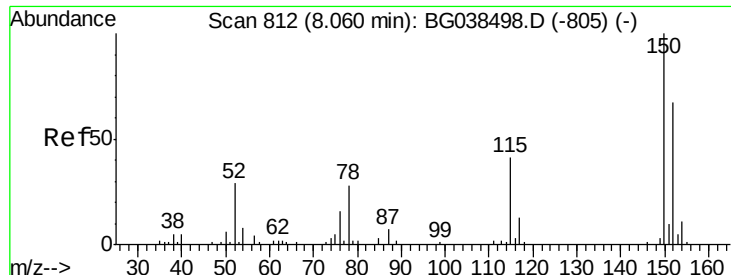
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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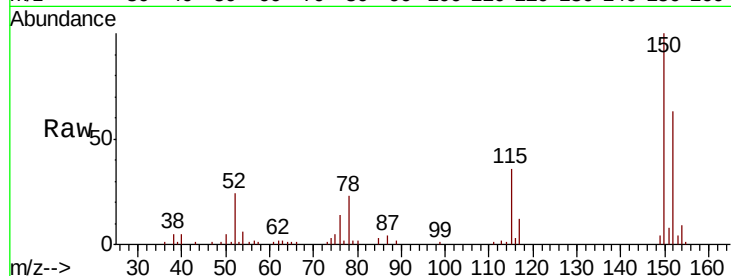


#1

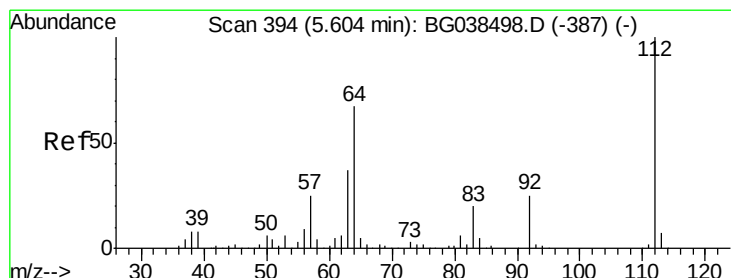
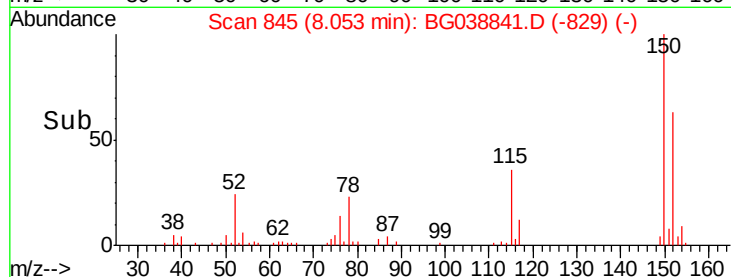
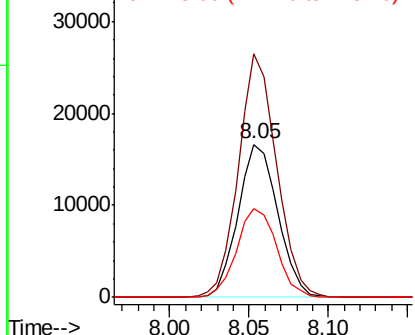
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038841.D
Acq: 27 Dec 2018 11:39

Instrument :
BNA_G
ClientSampleId :
G-B

Tot Ion:152 Resp: 28988
Ion Ratio Lower Upper
152 100
150 159.3 119.5 179.3
115 57.8 49.6 74.4



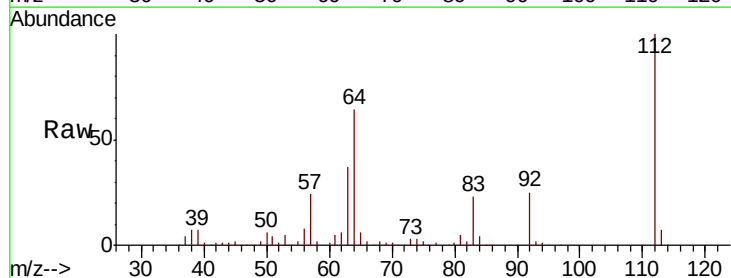
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



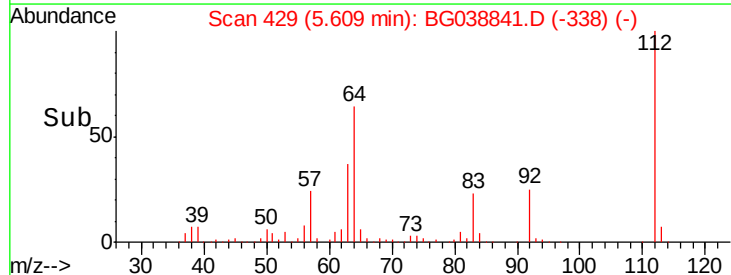
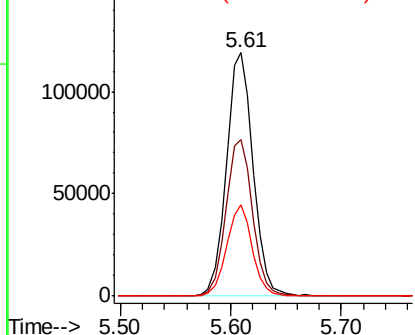
#5

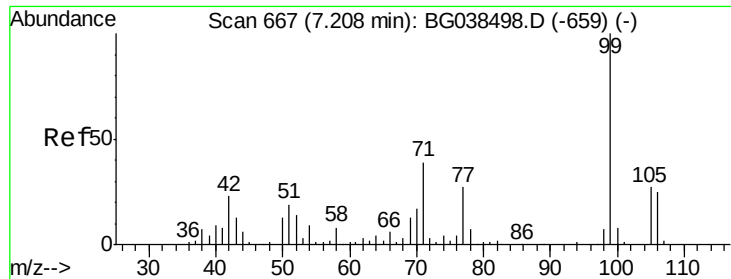
2-Fluorophenol
Concen: 122.966 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038841.D
Acq: 27 Dec 2018 11:39

Tgt Ion:112 Resp: 200971
Ion Ratio Lower Upper
112 100
64 64.3 53.4 80.2
63 37.5 29.3 43.9



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: 131.372 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038841.D

Acq: 27 Dec 2018 11:39

Instrument :

BNA_G

ClientSampled :

G-B

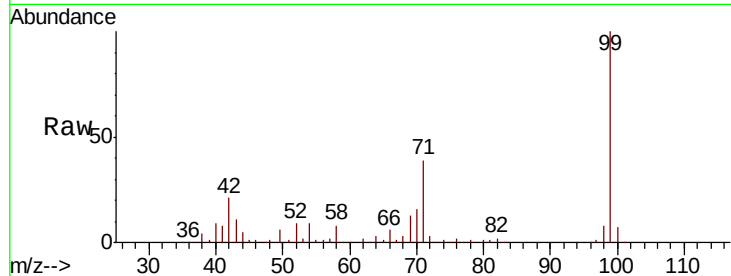
Tot Ion: 99 Resp: 294756

Ion Ratio Lower Upper

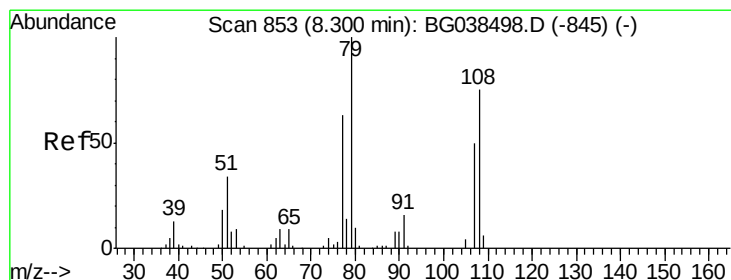
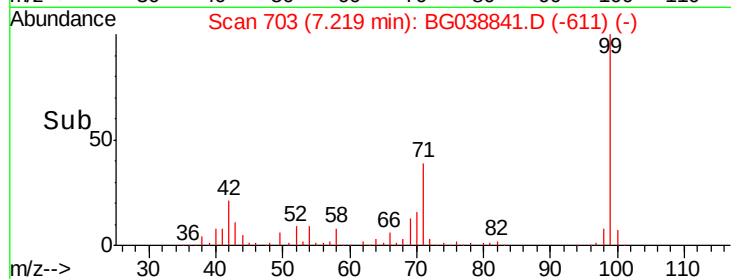
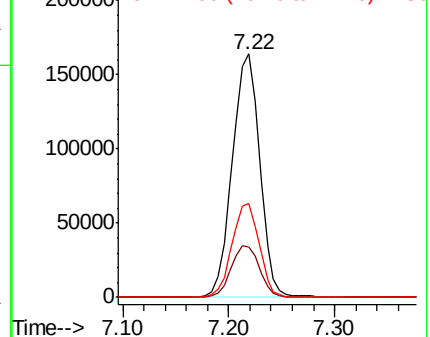
99 100

42 20.9 18.5 27.7

71 38.5 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



#15

Benzyl Alcohol

Concen: 2.021 ng

RT: 8.38 min Scan# 900

Delta R.T. 0.08 min

Lab File: BG038841.D

Acq: 27 Dec 2018 11:39

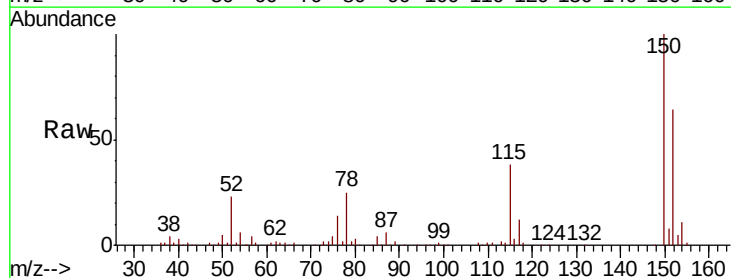
Tgt Ion: 79 Resp: 3540

Ion Ratio Lower Upper

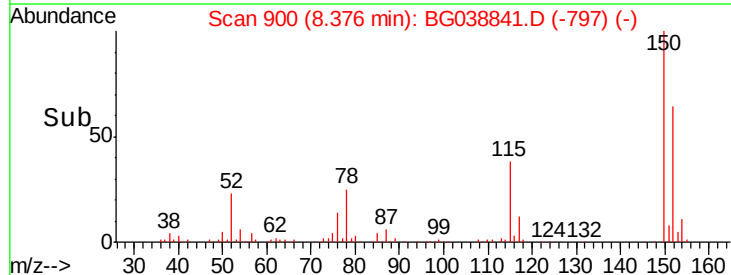
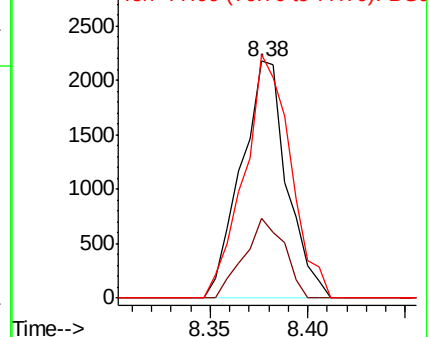
79 100

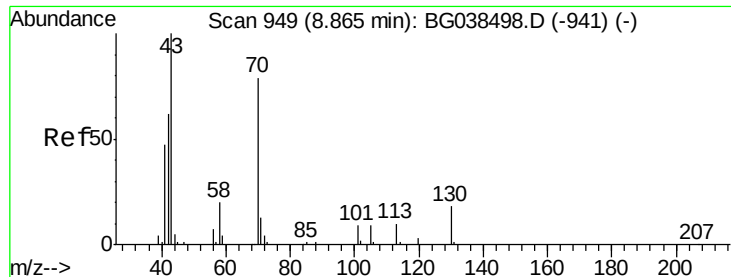
108 33.8 60.2 90.4#

77 102.8 50.7 76.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

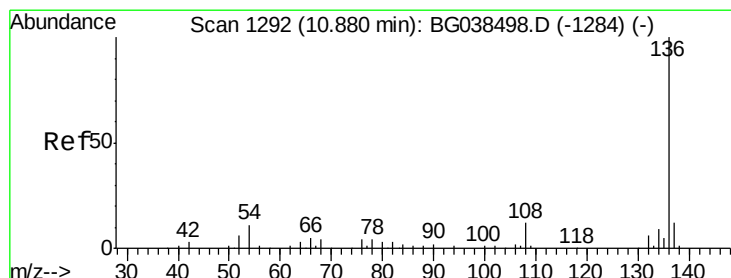
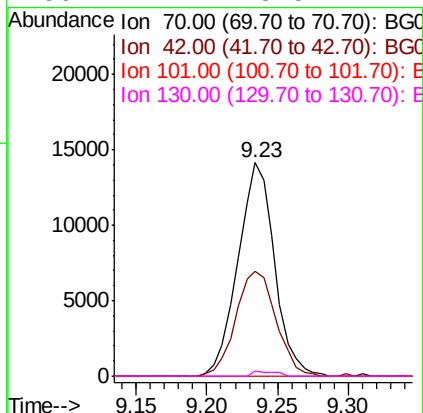
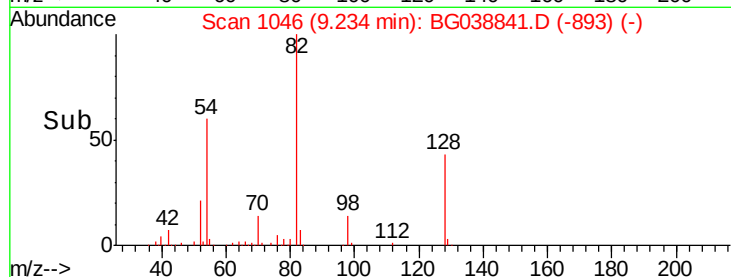
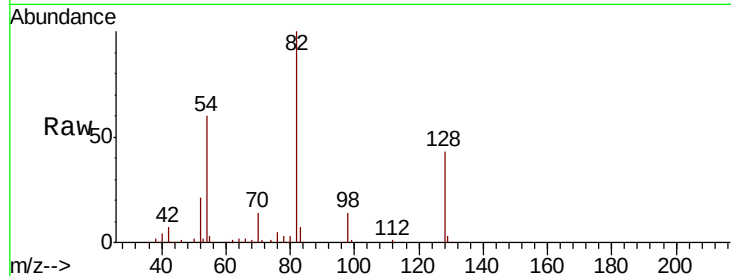




#19
n-Nitroso-di-n-propylamine
Concen: 16.221 ng
RT: 9.23 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038841.D
Acq: 27 Dec 2018 11:39

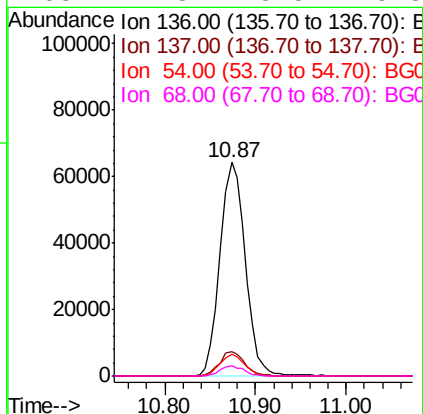
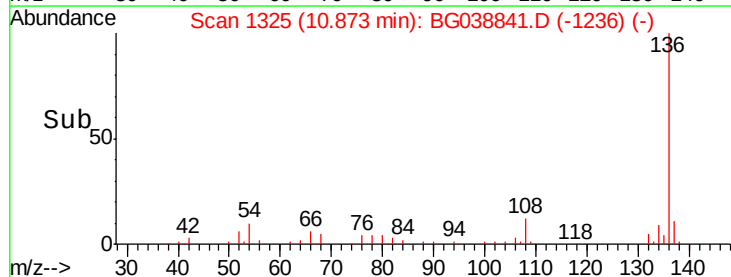
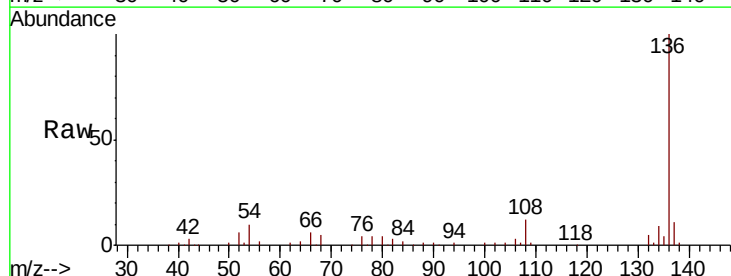
Instrument :
BNA_G
ClientSampleId :
G-B

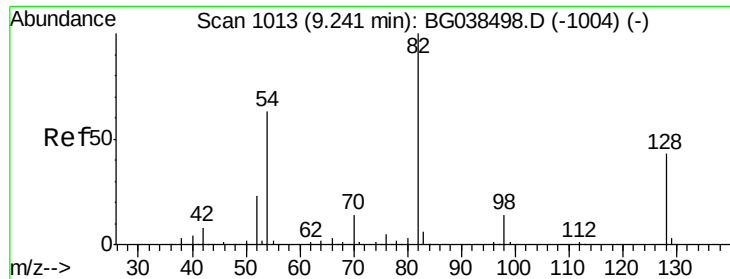
Tot Ion: 70 Resp: 25562
Ion Ratio Lower Upper
70 100
42 49.1 63.6 95.4#
101 0.0 9.2 13.8#
130 2.4 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038841.D
Acq: 27 Dec 2018 11:39

Tgt Ion:136 Resp: 125354
Ion Ratio Lower Upper
136 100
137 11.3 9.3 13.9
54 10.4 8.5 12.7
68 4.8 3.5 5.3

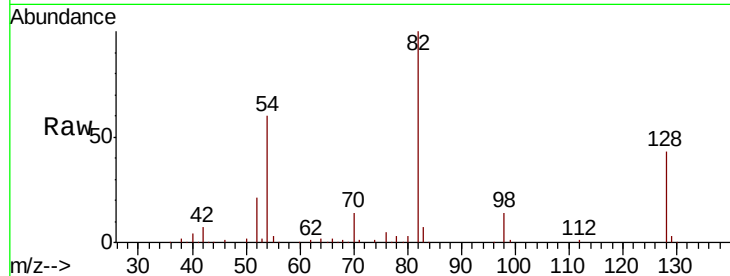




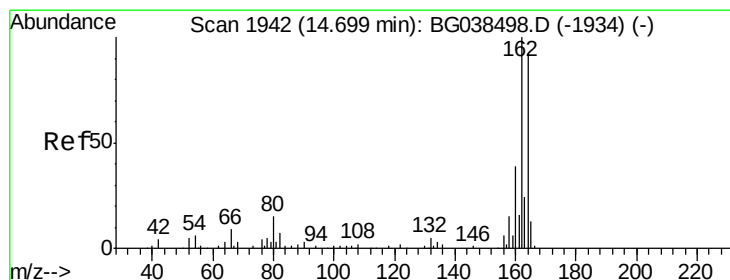
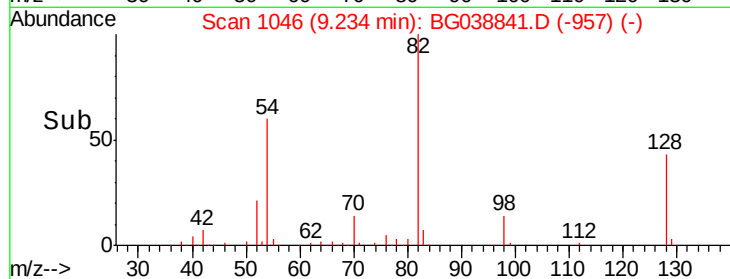
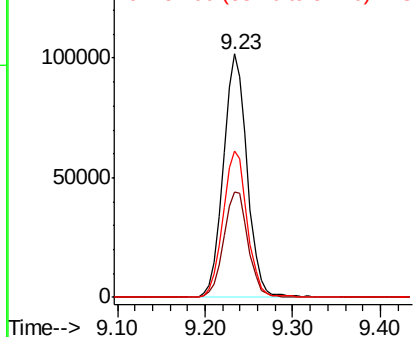
#23
Nitrobenzene-d5
Concen: 77.309 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038841.D
Acq: 27 Dec 2018 11:39

Instrument :
BNA_G
ClientSampled :
G-B

Tot Ion	82	Resp	189695
Ion Ratio	Lower	Upper	
82	100		
128	43.3	34.6	52.0
54	60.0	50.6	76.0

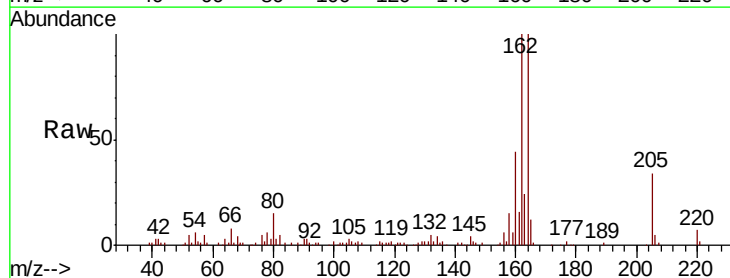


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

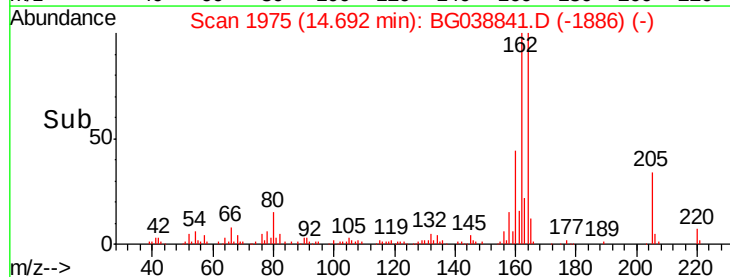
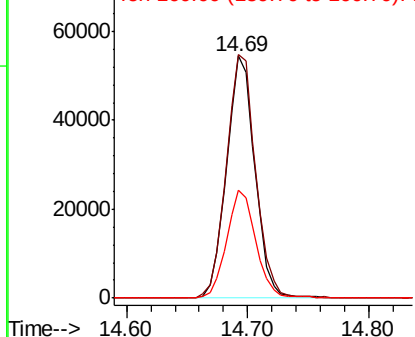


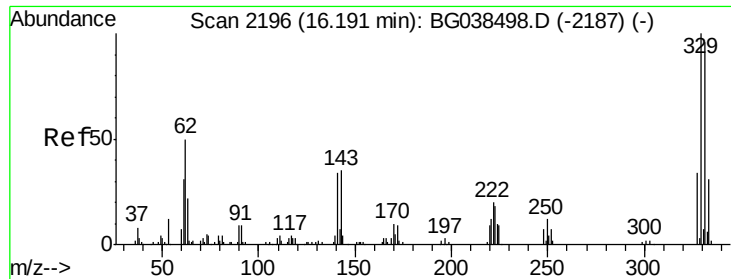
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038841.D
Acq: 27 Dec 2018 11:39

Tgt Ion	164	Resp	88641
Ion Ratio	Lower	Upper	
164	100		
162	100.5	86.6	130.0
160	44.5	34.2	51.2



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: 150.415 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG038841.D

Acq: 27 Dec 2018 11:39

Instrument :

BNA_G

ClientSampled :

G-B

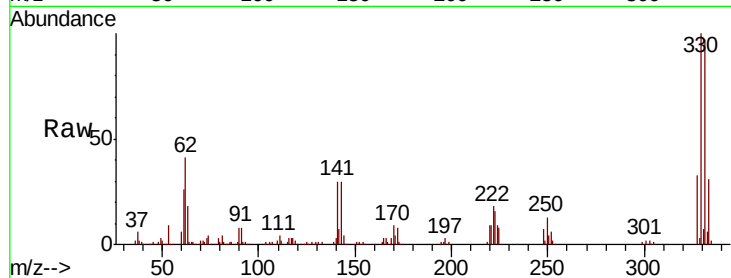
Tot Ion:330 Resp: 183752

Ion Ratio Lower Upper

330 100

332 95.9 76.9 115.3

141 32.7 28.8 43.2

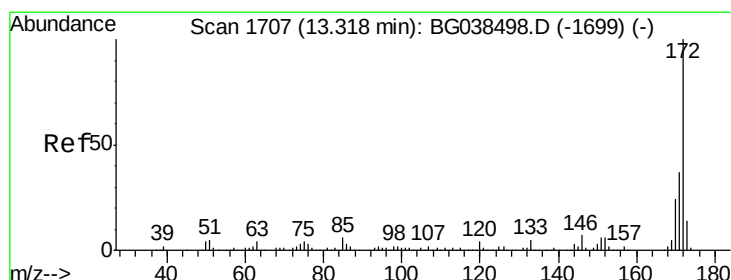
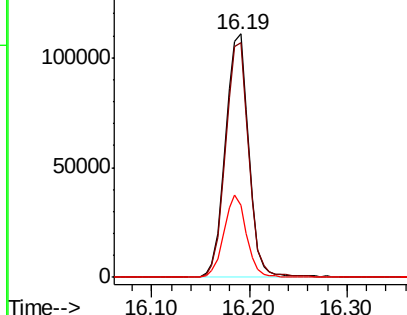
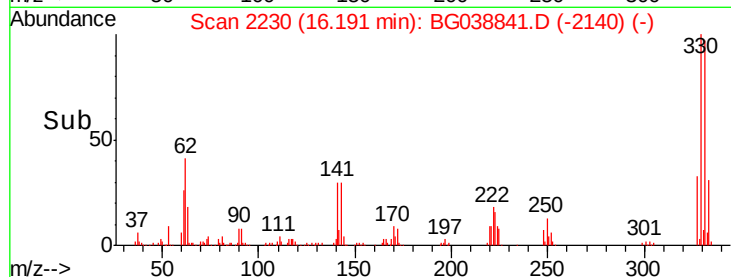


Abundance

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: 91.176 ng

RT: 13.32 min Scan# 1741

Delta R.T. -0.00 min

Lab File: BG038841.D

Acq: 27 Dec 2018 11:39

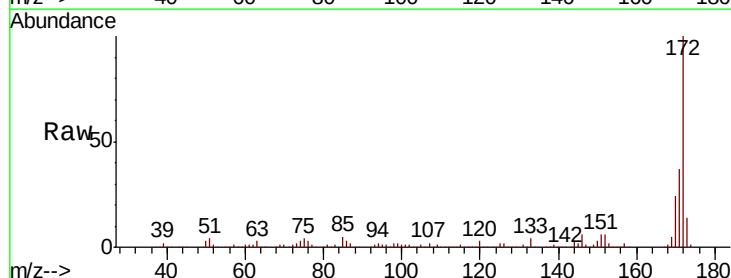
Tgt Ion:172 Resp: 589129

Ion Ratio Lower Upper

172 100

171 36.7 29.8 44.6

170 24.4 19.5 29.3

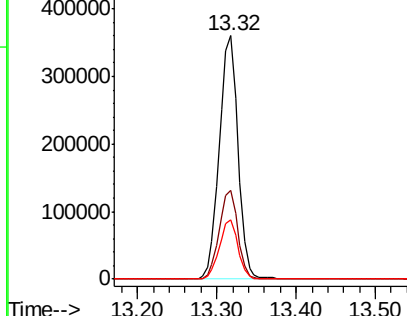
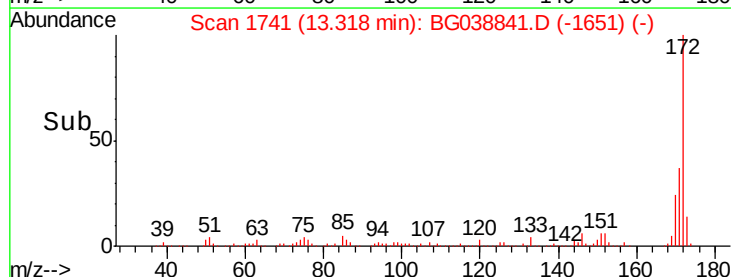


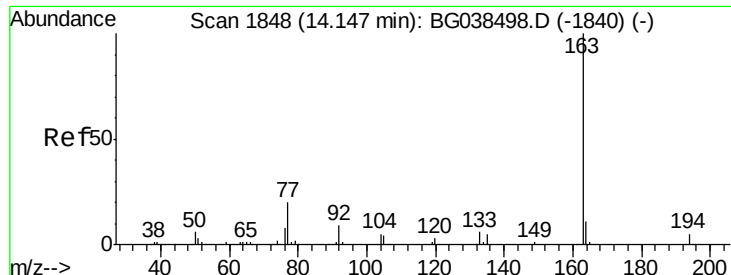
Abundance

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: 3.271 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG038841.D

Acq: 27 Dec 2018 11:39

Instrument :

BNA_G

ClientSampleId :

G-B

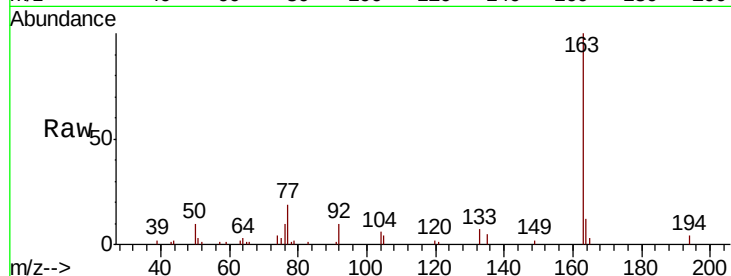
Tot Ion:163 Resp: 23680

Ion Ratio Lower Upper

163 100

194 4.2 3.7 5.5

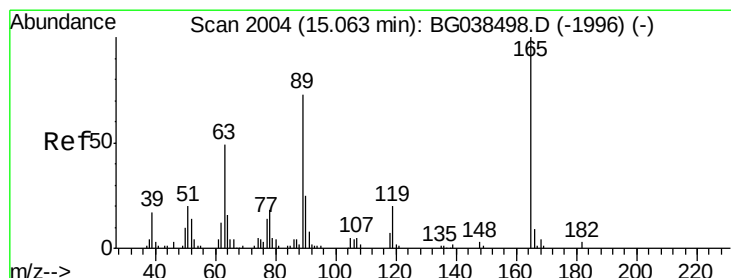
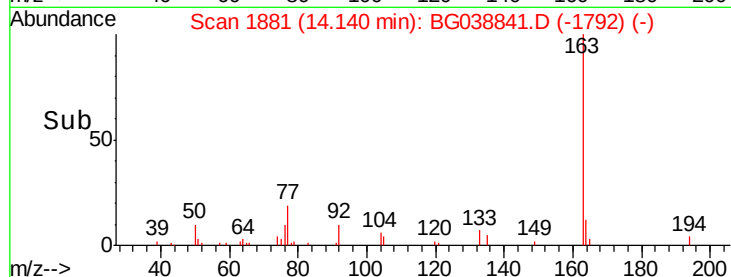
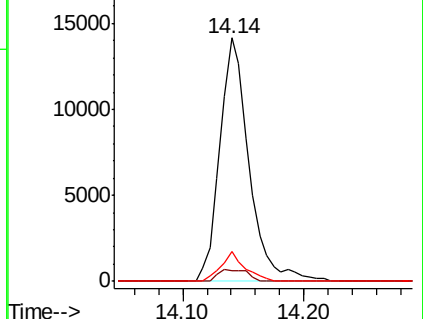
164 12.0 8.6 12.8



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: 4.853 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.36 min

Lab File: BG038841.D

Acq: 27 Dec 2018 11:39

Tgt Ion:165 Resp: 11212

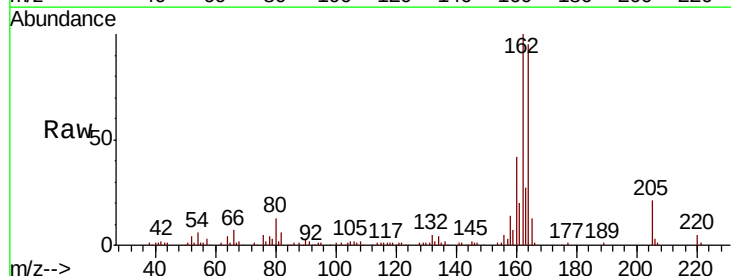
Ion Ratio Lower Upper

165 100

63 0.0 39.0 58.4#

89 3.7 58.0 87.0#

182 0.0 2.3 3.5#

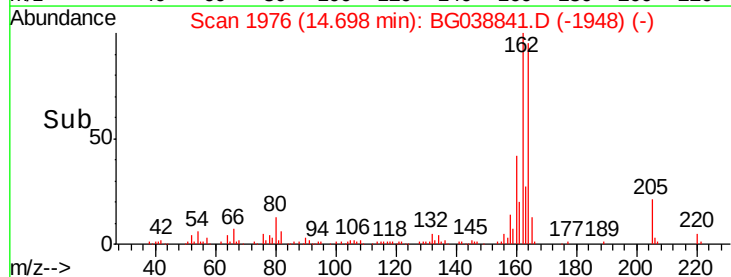
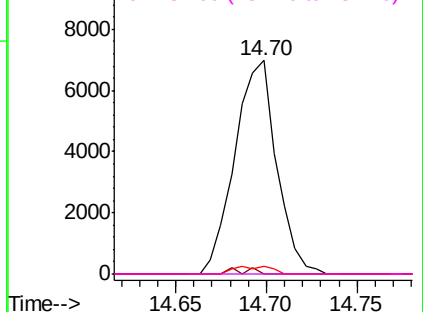


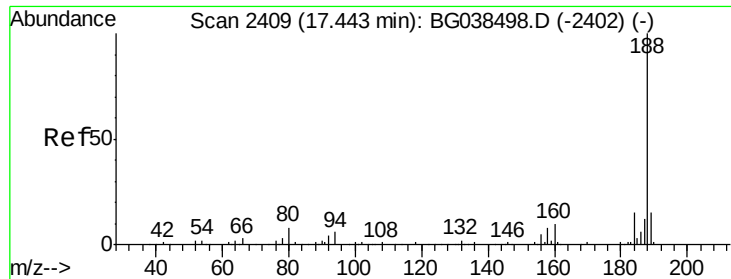
Abundance Ion 165.00 (164.70 to 165.70): E

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

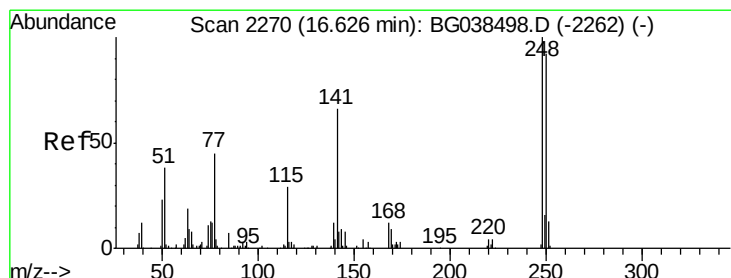
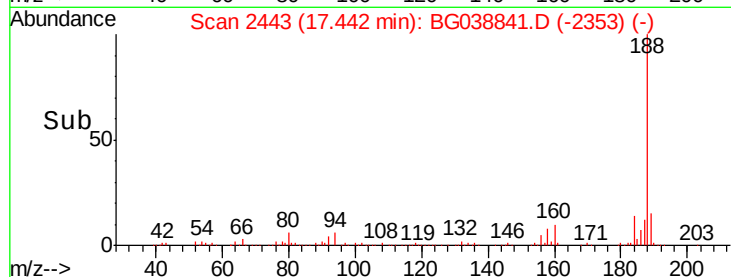
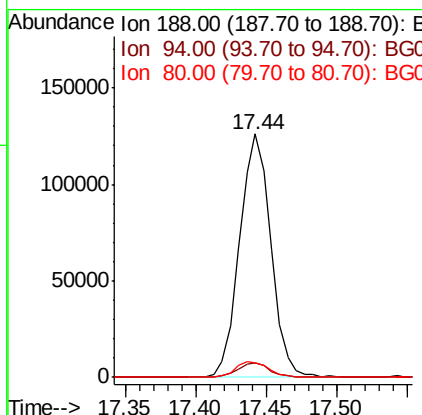
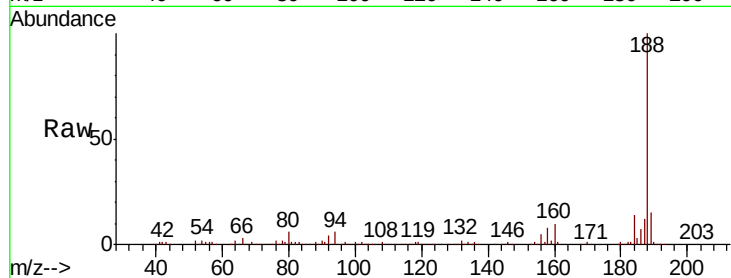




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038841.D
Acq: 27 Dec 2018 11:39

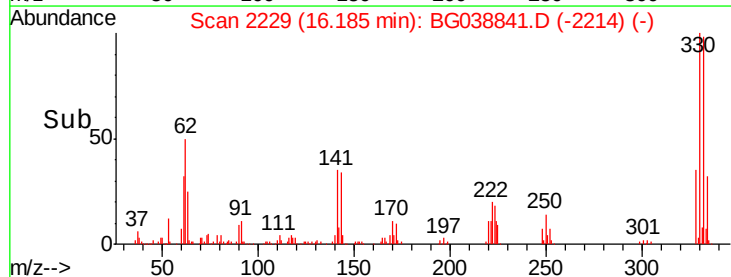
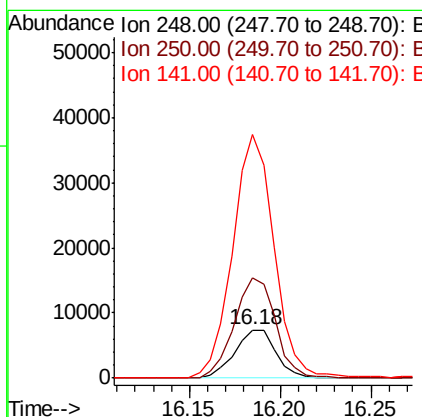
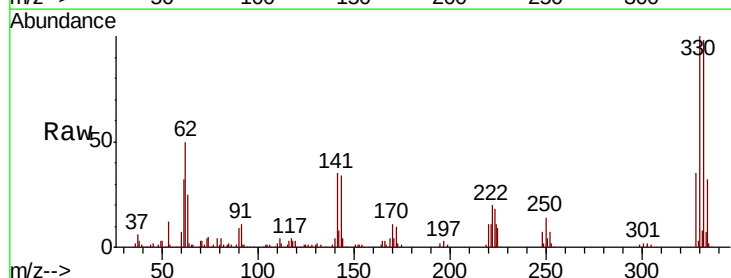
Instrument :
BNA_G
ClientSampleId :
G-B

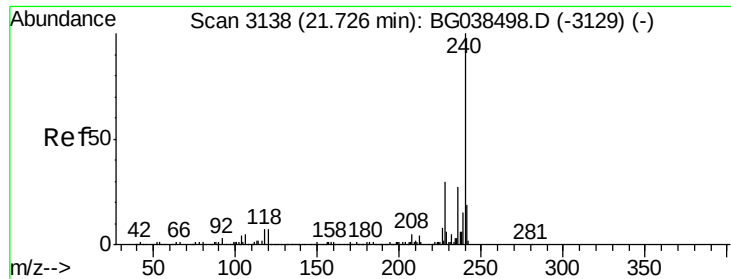
Tot Ion:188 Resp: 195500
Ion Ratio Lower Upper
188 100
94 5.8 5.1 7.7
80 6.9 6.1 9.1



#67
4-Bromophenyl-phenylether
Concen: 4.882 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.44 min
Lab File: BG038841.D
Acq: 27 Dec 2018 11:39

Tgt Ion:248 Resp: 11657
Ion Ratio Lower Upper
248 100
250 203.2 73.4 110.2#
141 385.1 52.9 79.3#

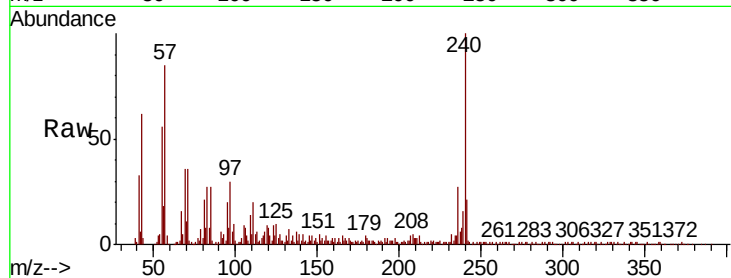




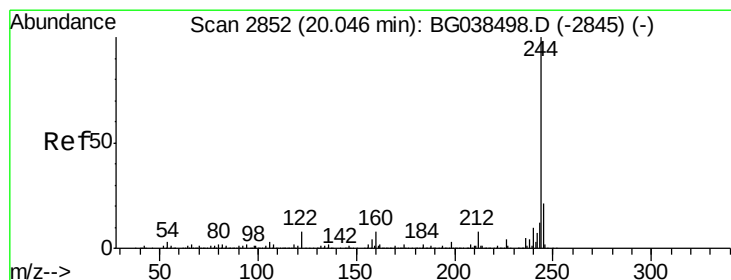
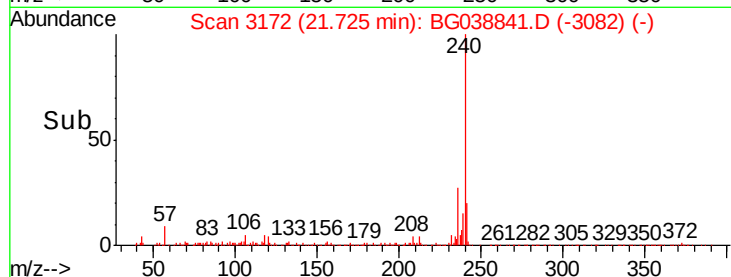
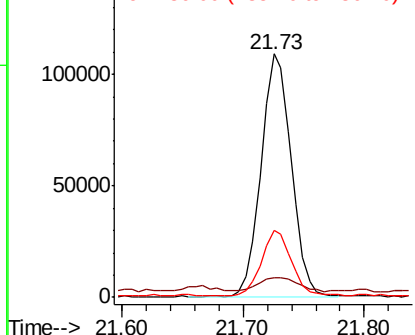
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3172
Delta R.T. -0.00 min
Lab File: BG038841.D
Acq: 27 Dec 2018 11:39

Instrument :
BNA_G
ClientSampled :
G-B

Tot Ion:240 Resp: 187696
Ion Ratio Lower Upper
240 100
120 8.0 5.3 7.9#
236 27.5 21.4 32.2

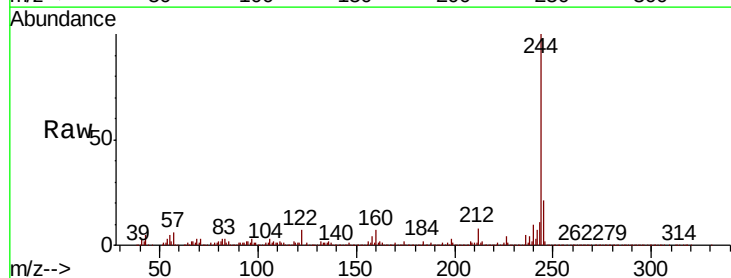


Abundance Ion 240.00 (239.70 to 240.70): E
150000 Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

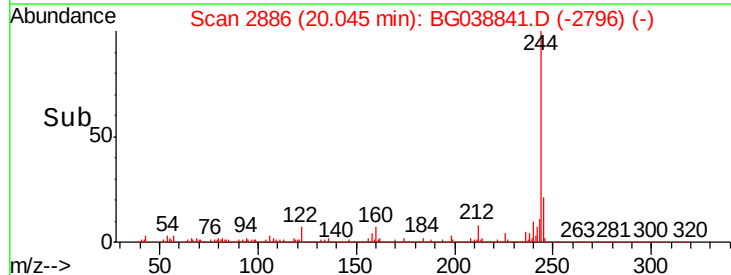
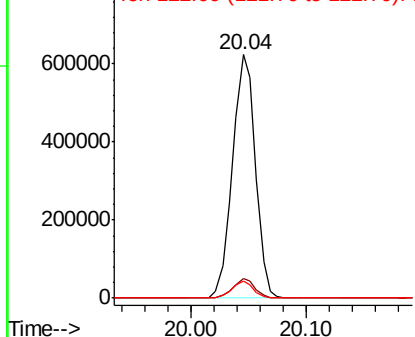


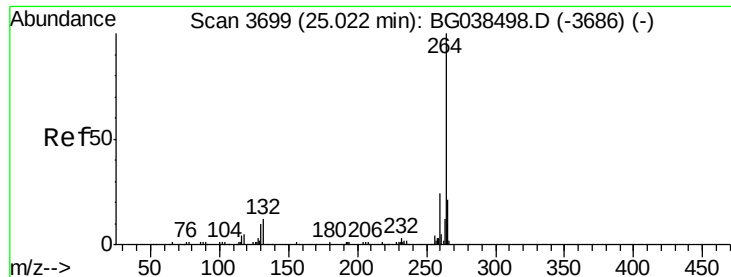
#79
Terphenyl-d14
Concen: 99.281 ng
RT: 20.04 min Scan# 2886
Delta R.T. -0.00 min
Lab File: BG038841.D
Acq: 27 Dec 2018 11:39

Tgt Ion:244 Resp: 856238
Ion Ratio Lower Upper
244 100
212 8.0 6.2 9.2
122 7.0 6.3 9.5



Abundance Ion 244.00 (243.70 to 244.70): E
800000 Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

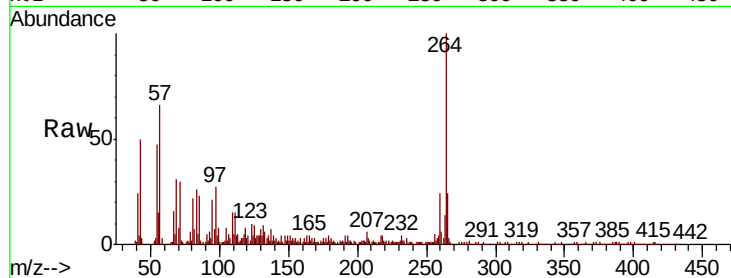




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.05 min Scan# 3737
 Delta R.T. 0.02 min
 Lab File: BG038841.D
 Acq: 27 Dec 2018 11:39

Instrument :
 BNA_G
 ClientSampleId :
 G-B

Tot Ion:	264	Resp:	201618
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	23.7	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

