

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
 Data File : BG038973.D
 Acq On : 7 Jan 2019 19:12
 Operator : JU/SJ
 Sample : K1036-05RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 08 03:10:16 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

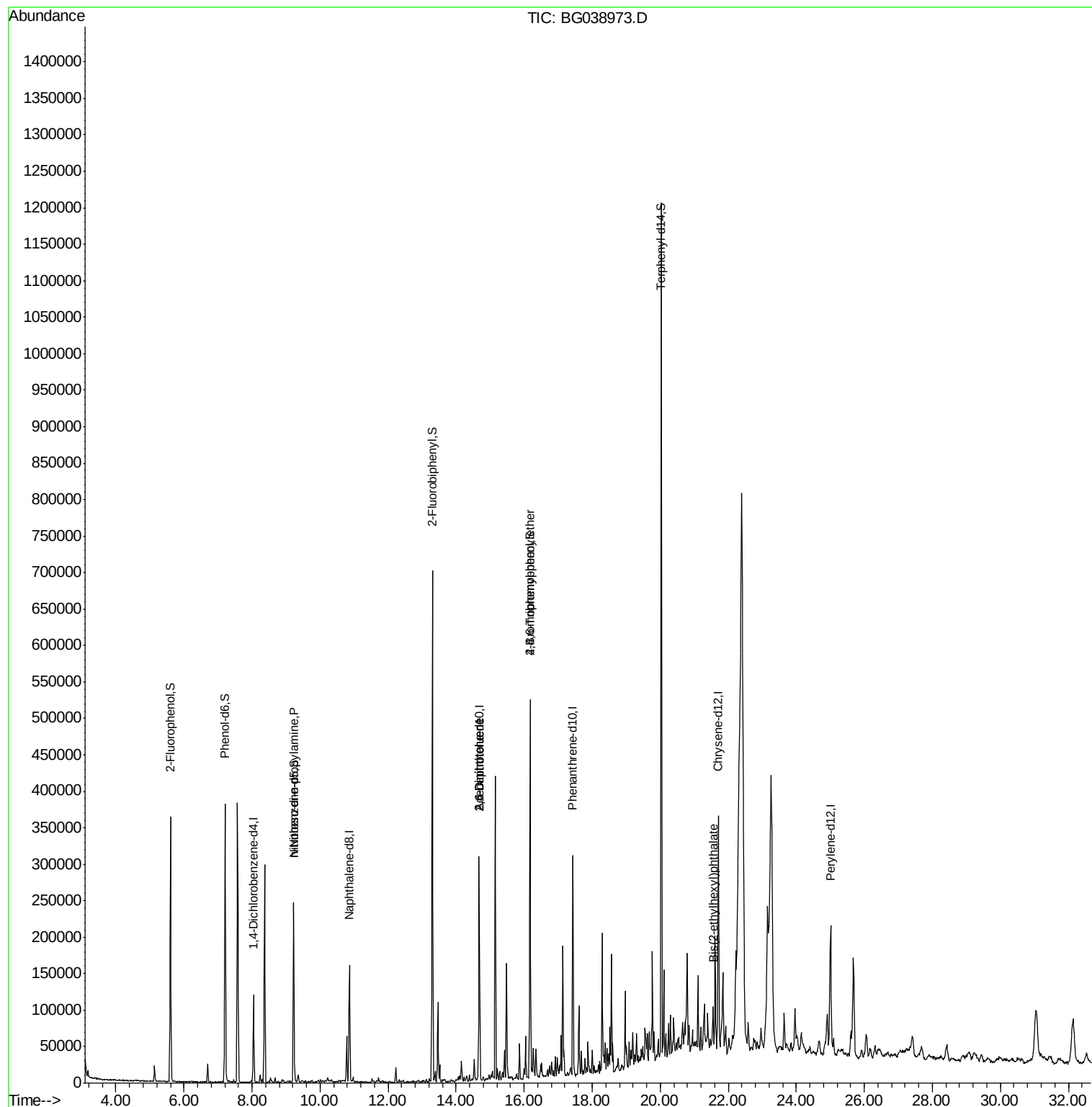
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	35449	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	143254	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	92419	20.00	ng	-0.01
64) Phenanthrene-d10	17.43	188	206483	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	201388	20.00	ng	-0.01
87) Perylene-d12	25.00	264	217003	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	160694	80.40	ng	0.00
7) Phenol-d6	7.21	99	222240	81.00	ng	0.00
23) Nitrobenzene-d5	9.22	82	140535	50.12	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	114863	90.18	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	392456	58.26	ng	-0.02
79) Terphenyl-d14	20.03	244	590635	63.83	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	20294	10.531	ng	# 68
51) 2,6-Dinitrotoluene	14.69	165	12745	7.452	ng	# 24
57) 2,4-Dinitrotoluene	14.69	165	12745	5.291	ng	# 26
67) 4-Bromophenyl-phenylether	16.18	248	7171	2.844	ng	# 1
84) Bis(2-ethylhexyl)phthalate	21.55	149	18521	2.512	ng	100

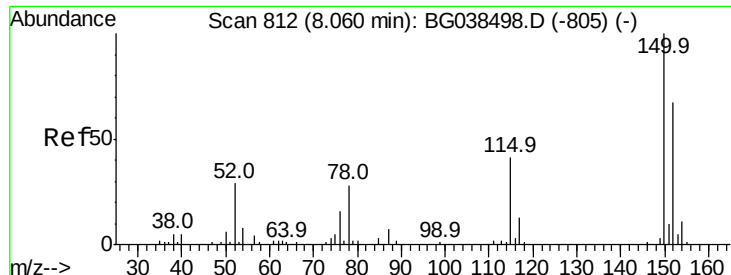
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
Data File : BG038973.D
Acq On : 7 Jan 2019 19:12
Operator : JU/SJ
Sample : K1036-05RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 08 03:10:16 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



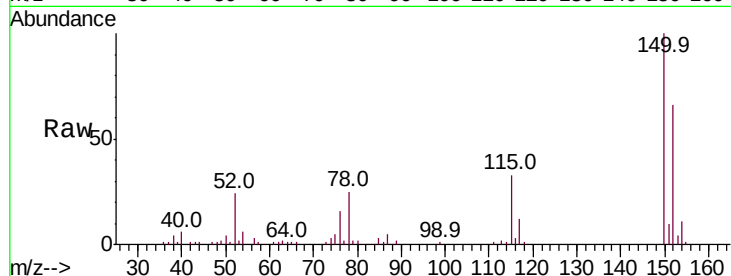


#1

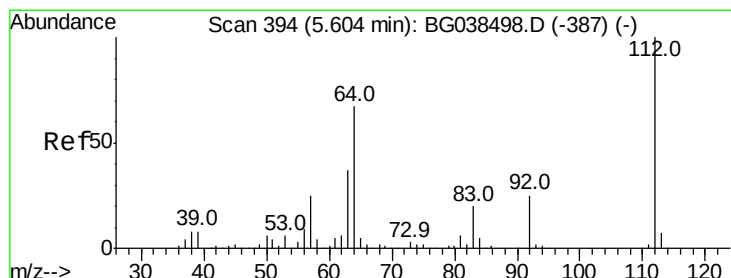
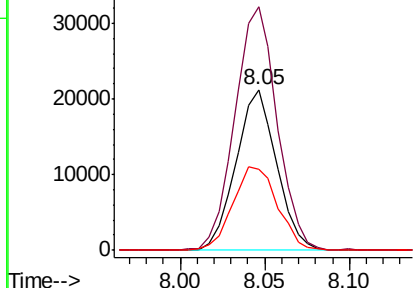
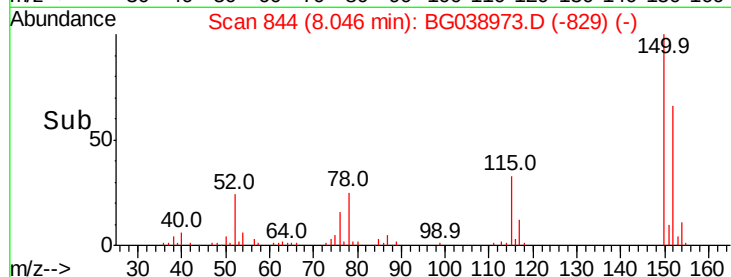
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038973.D
Acq: 7 Jan 2019 19:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 35449
Ion Ratio Lower Upper
152 100
150 151.6 119.5 179.3
115 50.7 49.6 74.4



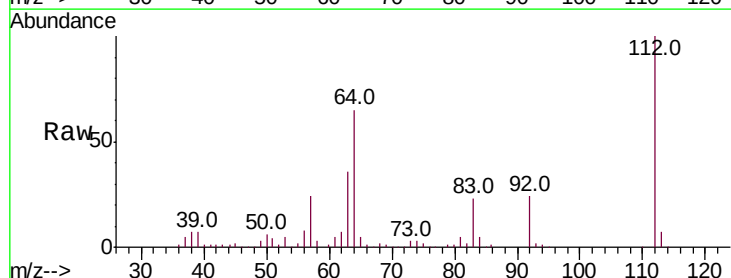
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



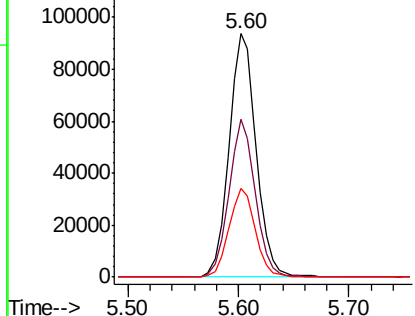
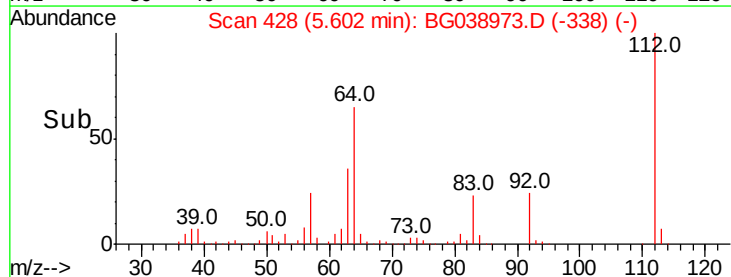
#5

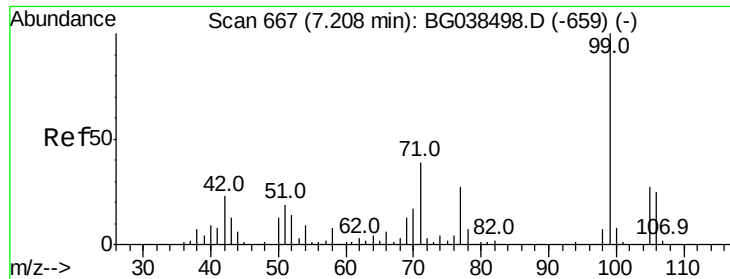
2-Fluorophenol
Concen: 80.401 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.00 min
Lab File: BG038973.D
Acq: 7 Jan 2019 19:12

Tgt Ion:112 Resp: 160694
Ion Ratio Lower Upper
112 100
64 64.7 53.4 80.2
63 36.3 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: 80.999 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038973.D

Acq: 7 Jan 2019 19:12

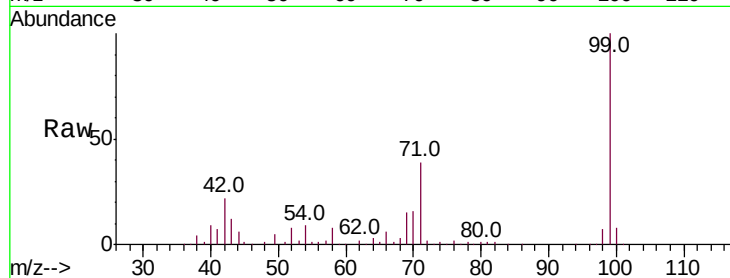
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 222240

Ion	Ratio	Lower	Upper
99	100		
42	21.7	18.5	27.7
71	39.3	31.1	46.7

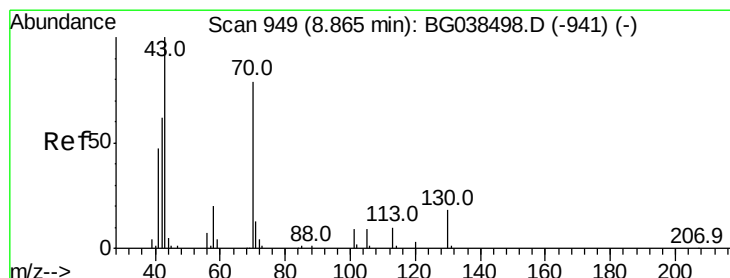
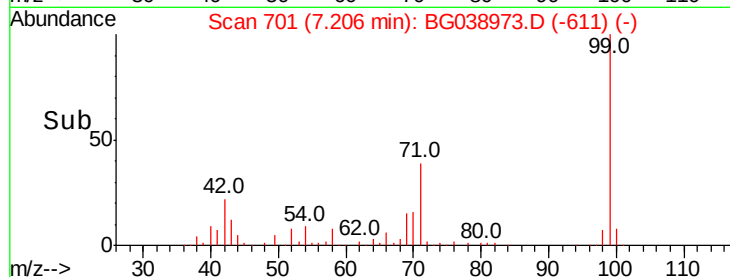
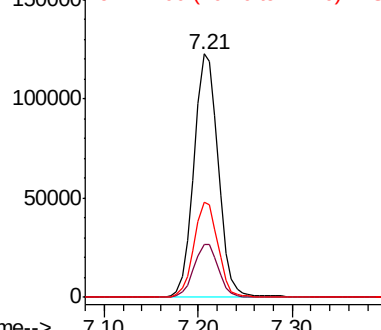


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 10.531 ng

RT: 9.22 min Scan# 1044

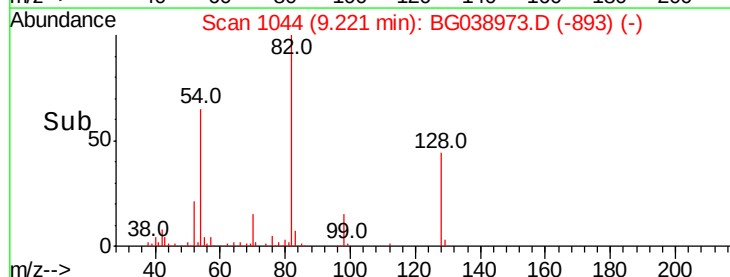
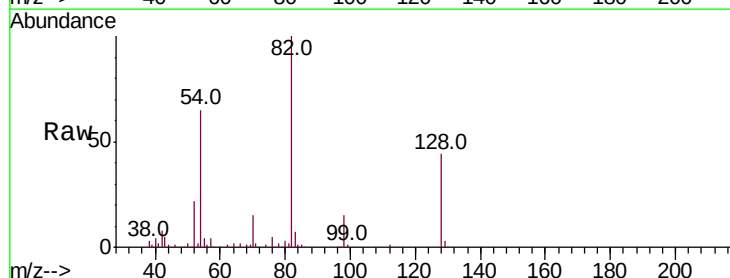
Delta R.T. 0.36 min

Lab File: BG038973.D

Acq: 7 Jan 2019 19:12

Tgt Ion: 70 Resp: 20294

Ion	Ratio	Lower	Upper
70	100		
42	54.8	63.6	95.4#
101	0.0	9.2	13.8#
130	1.6	18.5	27.7#



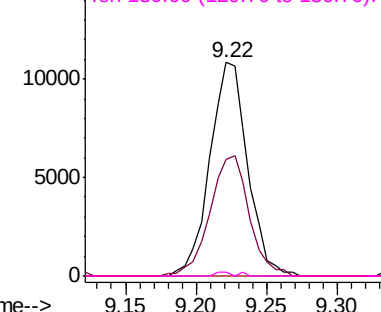
Abundance

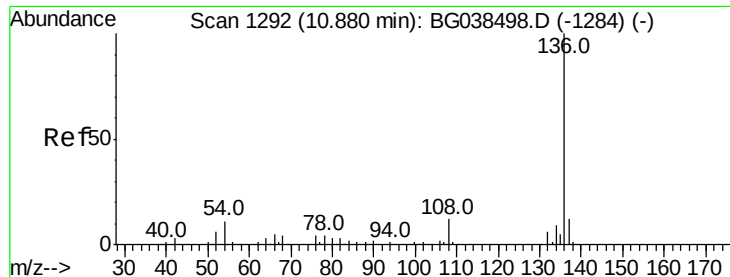
Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

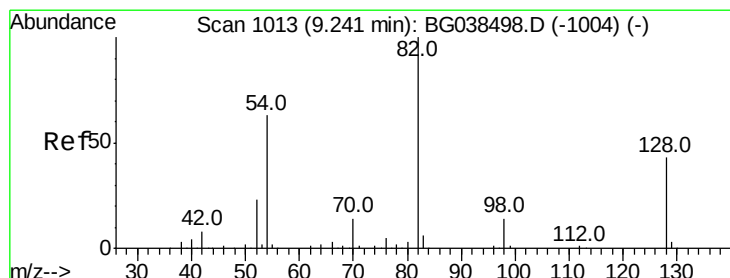
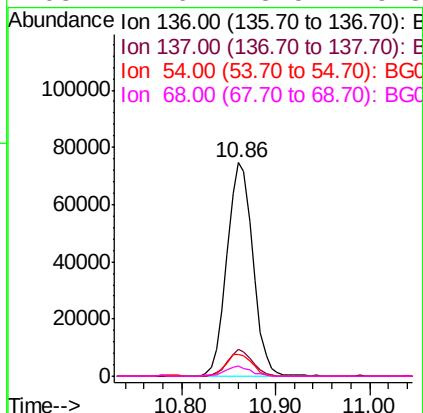
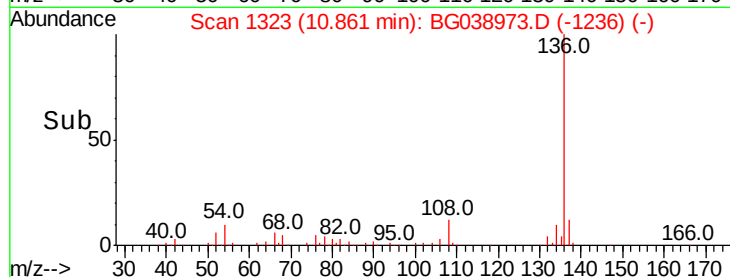
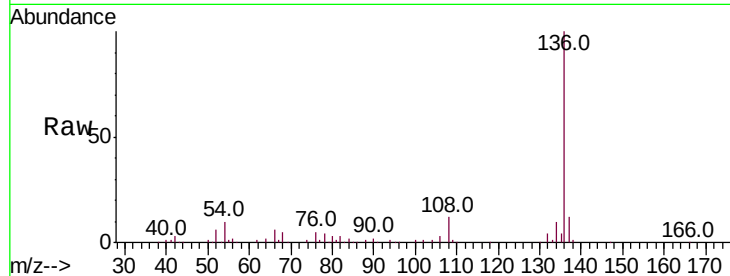




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG038973.D
Acq: 7 Jan 2019 19:12

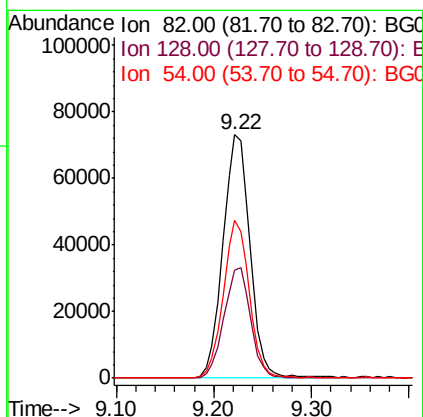
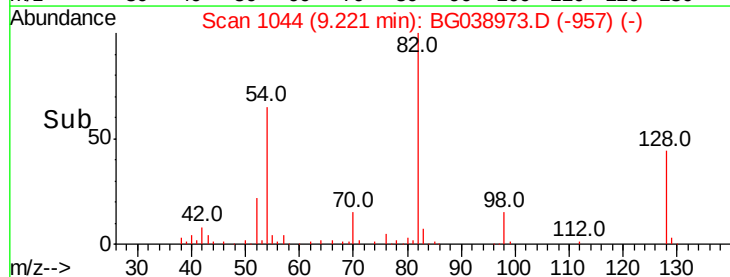
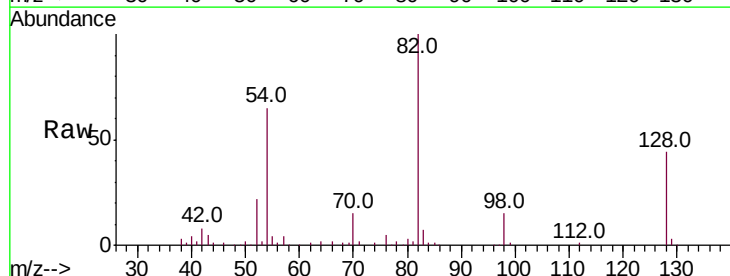
Instrument :
BNA_G
ClientSampleId :

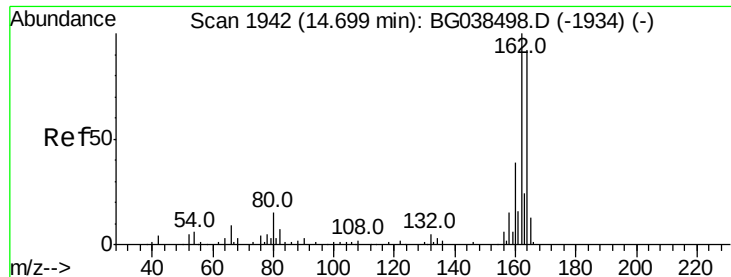
Tot Ion:	136	Resp:	143254
Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.3	13.9
54	10.3	8.5	12.7
68	4.6	3.5	5.3



#23
Nitrobenzene-d5
Concen: 50.117 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG038973.D
Acq: 7 Jan 2019 19:12

Tgt Ion:	82	Resp:	140535
Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.6	52.0
54	64.6	50.6	76.0

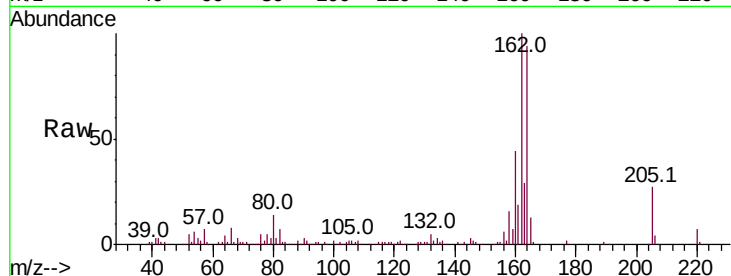




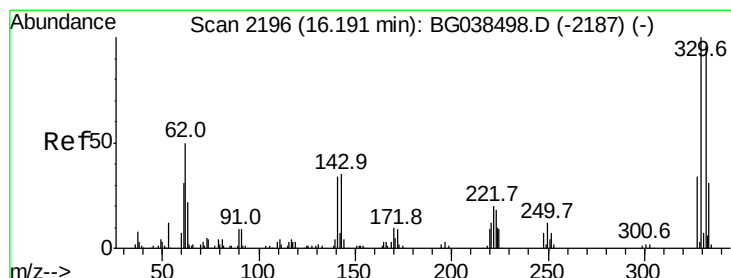
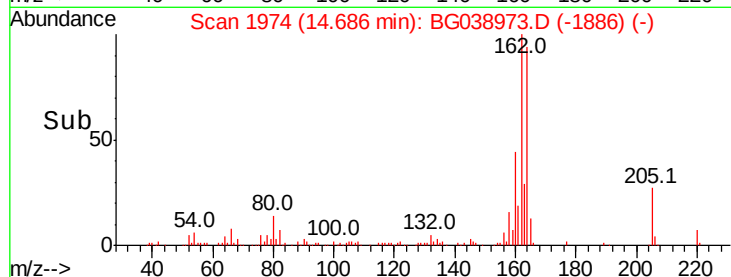
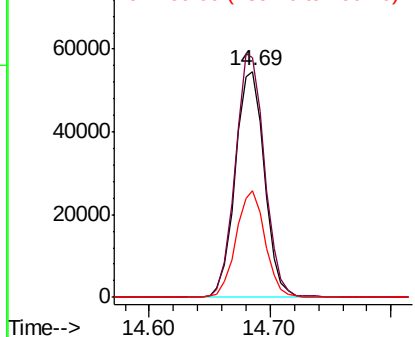
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: BG038973.D
 Acq: 7 Jan 2019 19:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:164 Resp: 92419
 Ion Ratio Lower Upper
 164 100
 162 106.4 86.6 130.0
 160 47.0 34.2 51.2

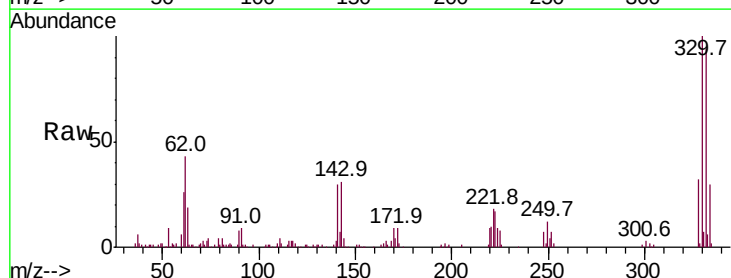


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

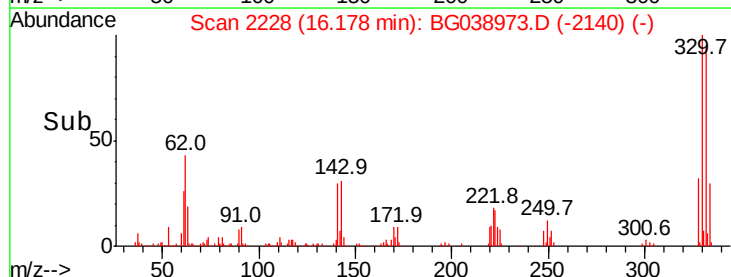
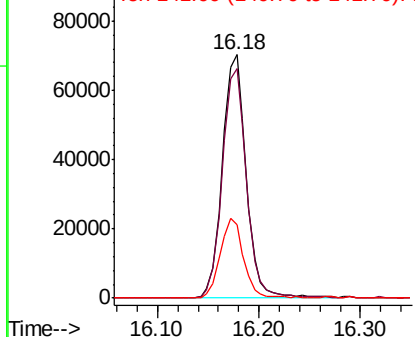


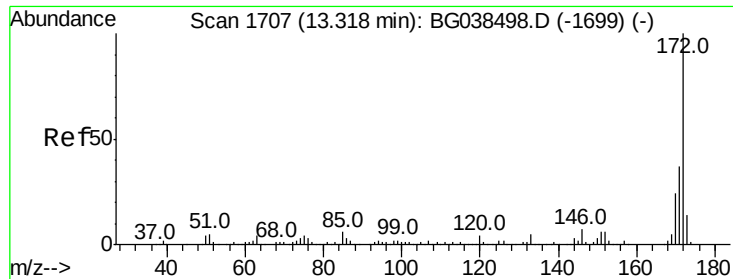
#42
 2,4,6-Tribromophenol
 Concen: 90.181 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BG038973.D
 Acq: 7 Jan 2019 19:12

Tgt Ion:330 Resp: 114863
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.9 115.3
 141 32.2 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

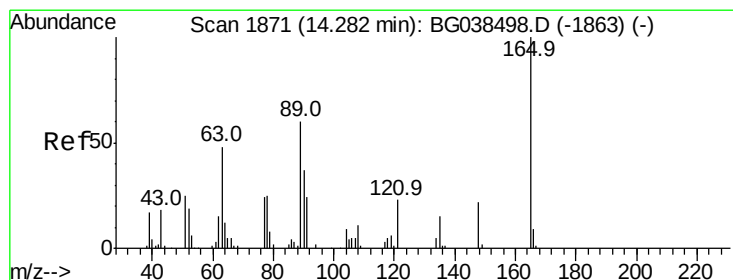
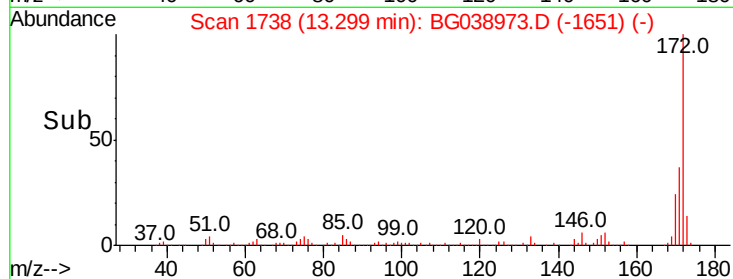
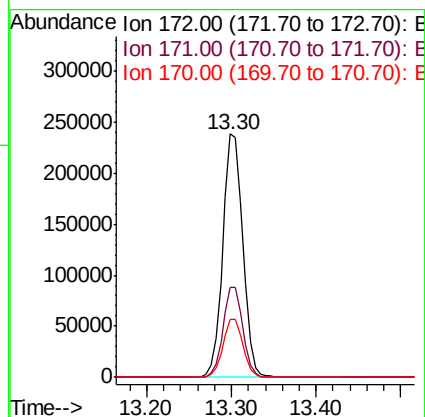
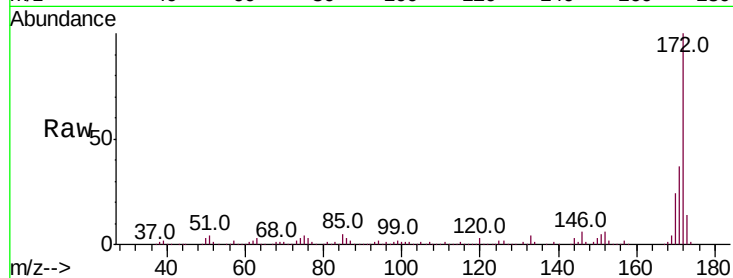




#45
 2-Fluorobiphenyl
 Concen: 58.255 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG038973.D
 Acq: 7 Jan 2019 19:12

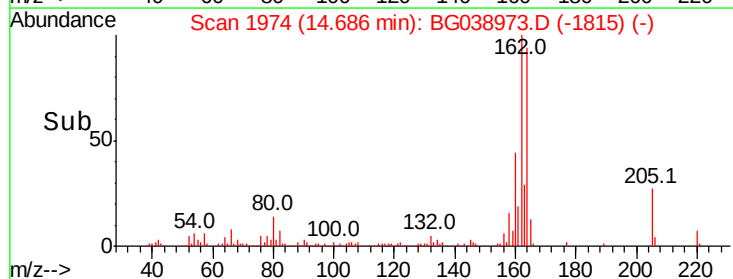
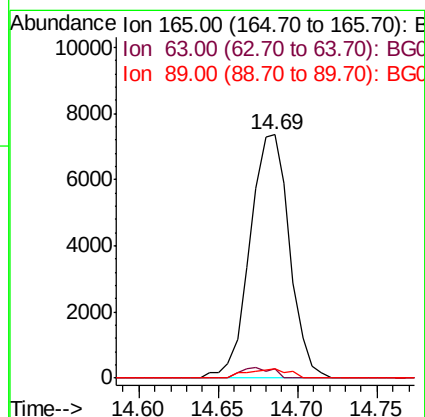
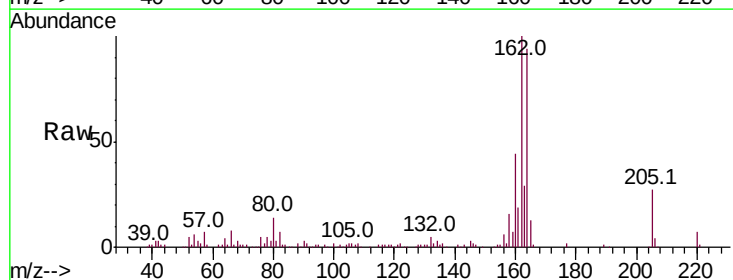
Instrument :
 BNA_G
 ClientSampleId :

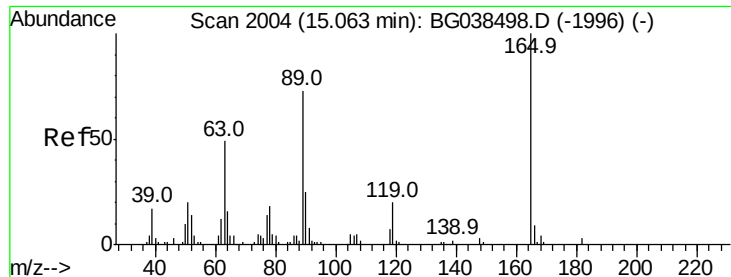
Tot Ion:172 Resp: 392456
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.8 44.6
 170 23.6 19.5 29.3



#51
 2,6-Dinitrotoluene
 Concen: 7.452 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. 0.40 min
 Lab File: BG038973.D
 Acq: 7 Jan 2019 19:12

Tgt Ion:165 Resp: 12745
 Ion Ratio Lower Upper
 165 100
 63 4.1 51.8 77.6#
 89 3.6 47.9 71.9#





#57

2,4-Dinitrotoluene

Concen: 5.291 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.38 min

Lab File: BG038973.D

Acq: 7 Jan 2019 19:12

Instrument :

BNA_G

ClientSampled :

Tot Ion:165 Resp: 12745

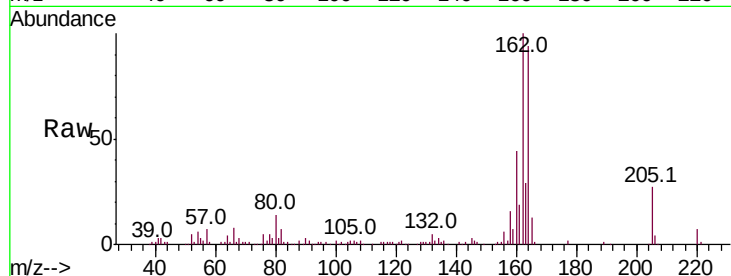
Ion Ratio Lower Upper

165 100

63 4.1 39.0 58.4#

89 3.6 58.0 87.0#

182 0.0 2.3 3.5#

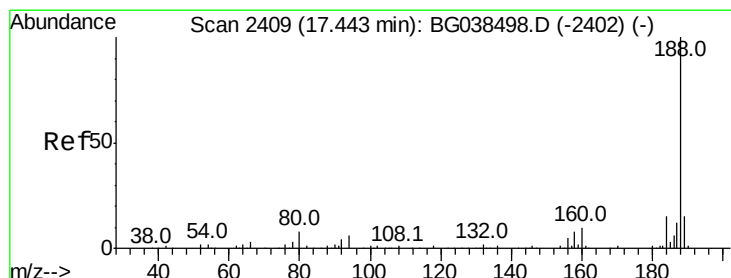
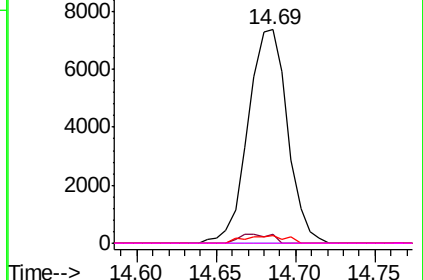
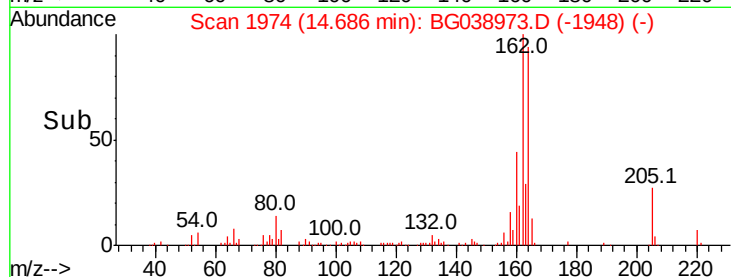


Abundance Ion 165.00 (164.70 to 165.70): E

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: BG038973.D

Acq: 7 Jan 2019 19:12

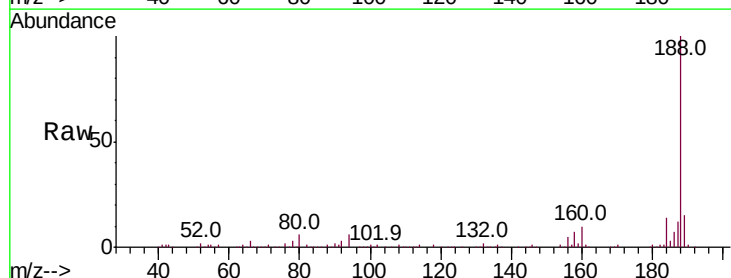
Tgt Ion:188 Resp: 206483

Ion Ratio Lower Upper

188 100

94 5.5 5.1 7.7

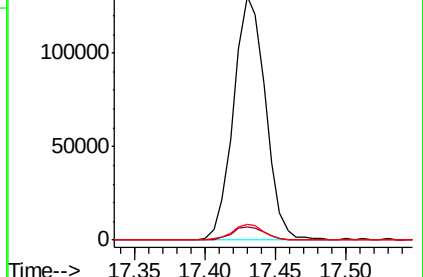
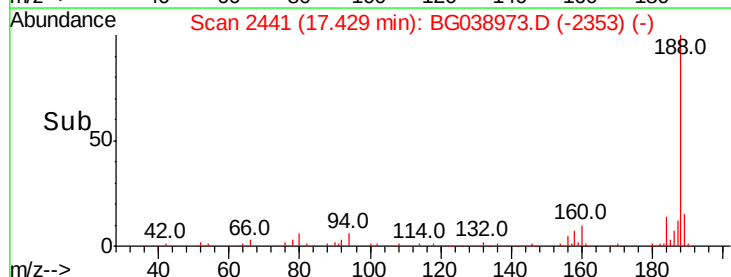
80 6.2 6.1 9.1

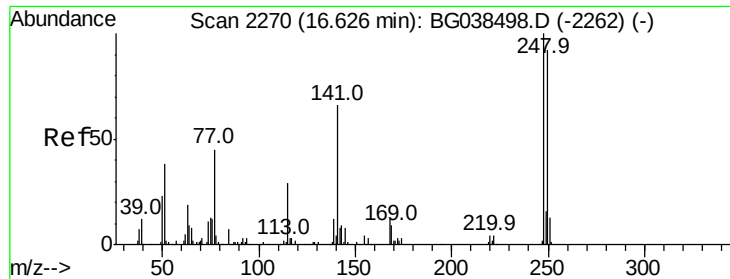


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

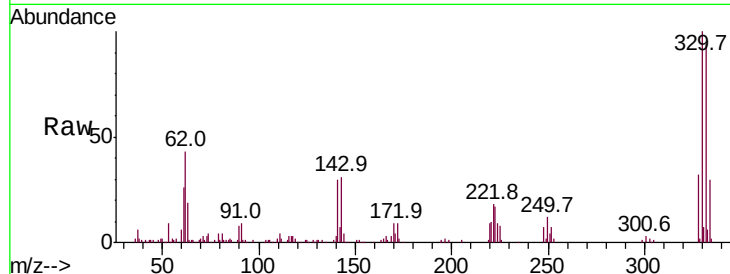




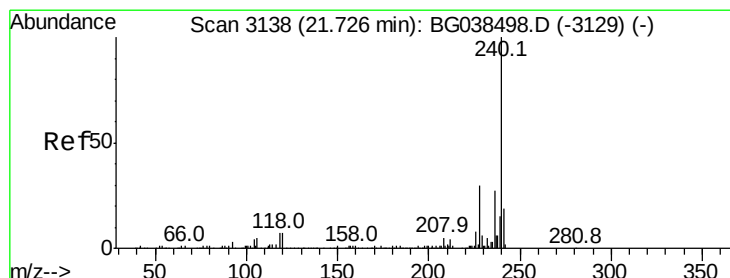
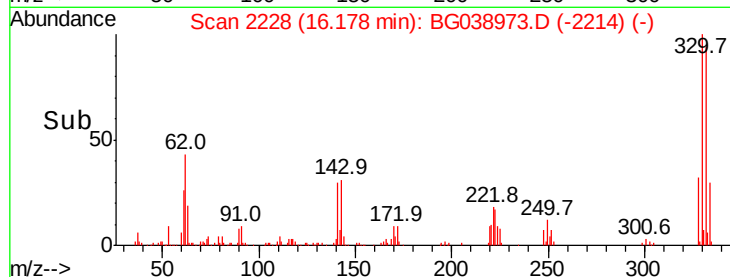
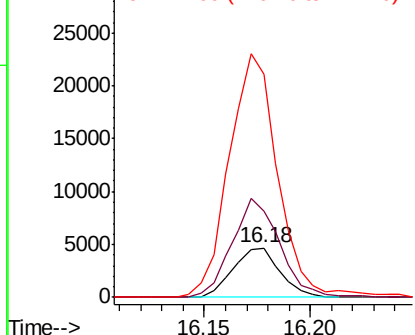
#67
4-Bromophenyl-phenylether
Concen: 2.844 ng
RT: 16.18 min Scan# 2228
Delta R.T. -0.45 min
Lab File: BG038973.D
Acq: 7 Jan 2019 19:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 7171
Ion Ratio Lower Upper
248 100
250 179.7 73.4 110.2#
141 356.8 52.9 79.3#

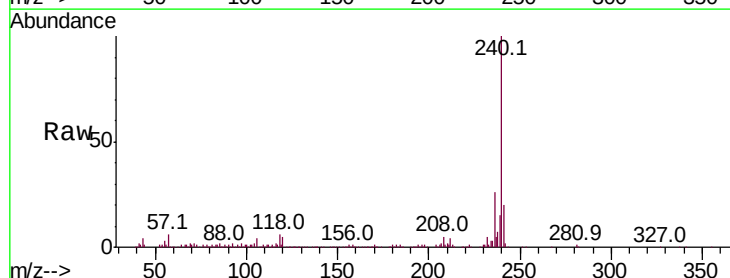


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

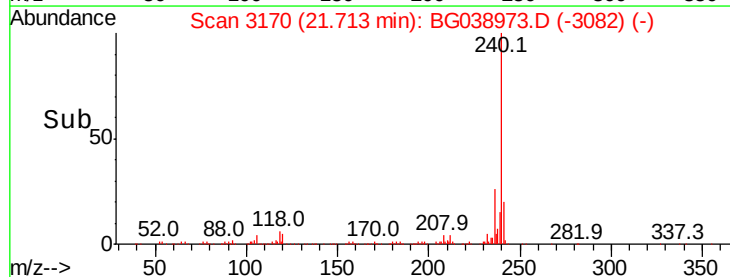
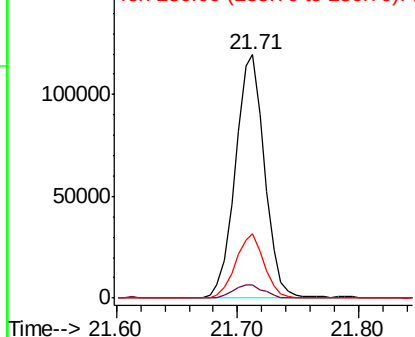


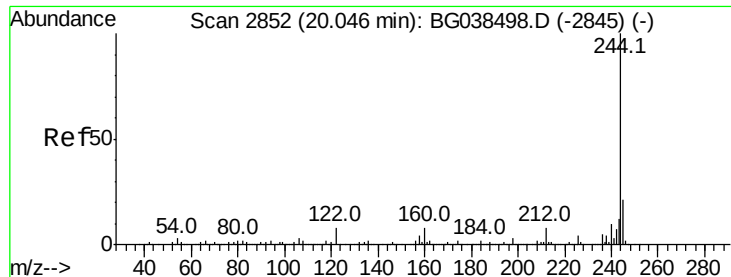
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG038973.D
Acq: 7 Jan 2019 19:12

Tgt Ion:240 Resp: 201388
Ion Ratio Lower Upper
240 100
120 5.4 5.3 7.9
236 26.2 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: 63.828 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG038973.D

Acq: 7 Jan 2019 19:12

Instrument :

BNA_G

ClientSampled :

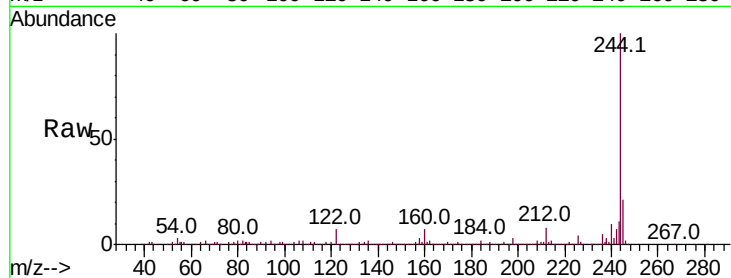
Tot Ion:244 Resp: 590635

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

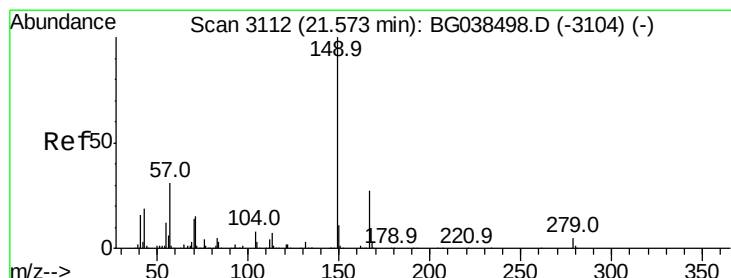
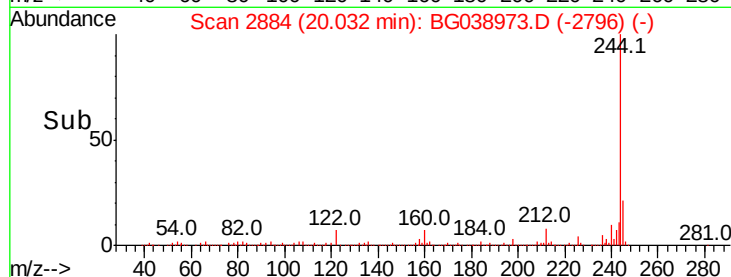
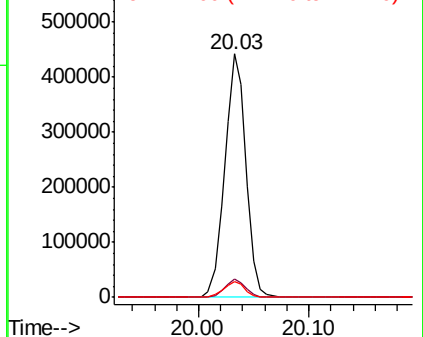
122 6.7 6.3 9.5



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.512 ng

RT: 21.55 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG038973.D

Acq: 7 Jan 2019 19:12

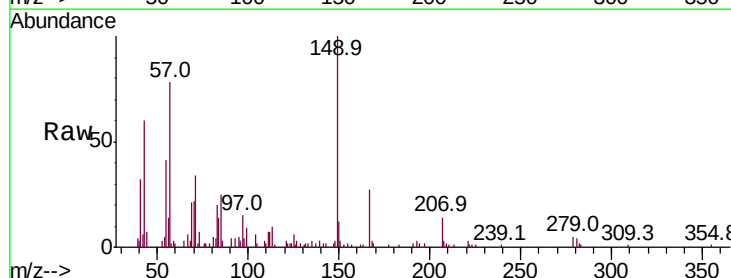
Tgt Ion:149 Resp: 18521

Ion Ratio Lower Upper

149 100

167 27.2 21.9 32.9

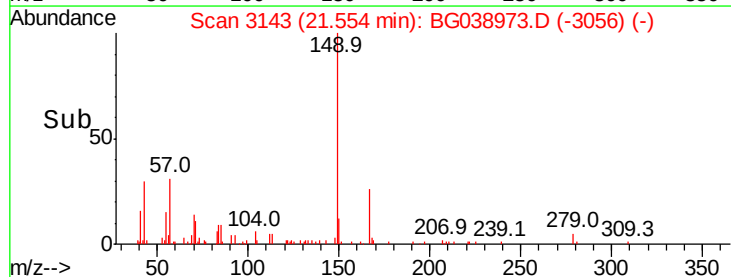
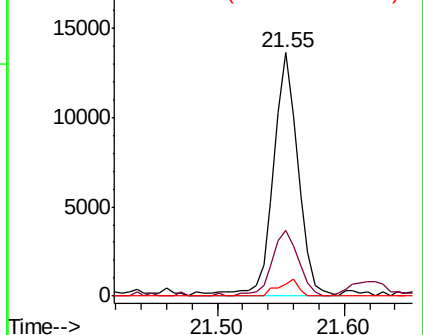
279 4.9 4.2 6.2

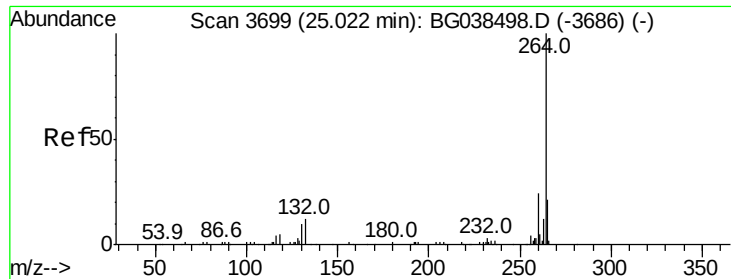


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

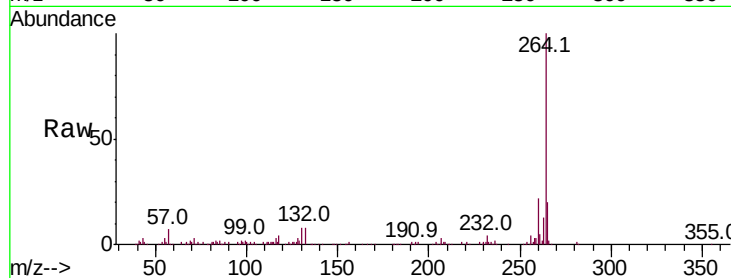




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3730
Delta R.T. -0.02 min
Lab File: BG038973.D
Acq: 7 Jan 2019 19:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.9	28.3
265	20.0	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

