

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
 Data File : BG038990.D
 Acq On : 8 Jan 2019 10:55
 Operator : JU/SJ
 Sample : K1034-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 08 11:35:12 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

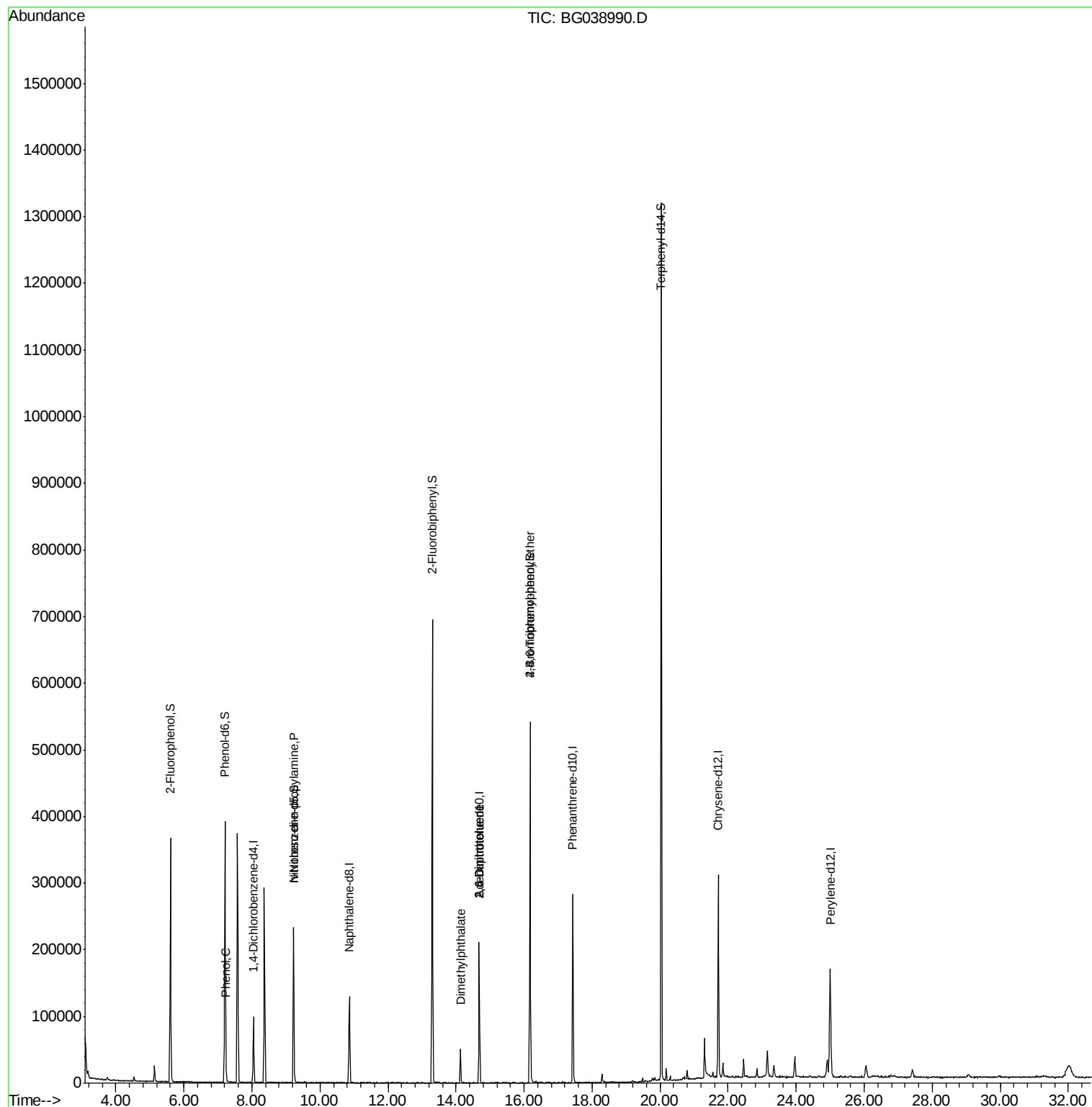
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	29116	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	117933	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	80645	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	195657	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	197560	20.00	ng	-0.02
87) Perylene-d12	25.00	264	204020	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	160499	97.77	ng	0.00
7) Phenol-d6	7.21	99	224030	99.41	ng	0.00
23) Nitrobenzene-d5	9.22	82	137142	59.41	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	119150	107.20	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	388176	66.03	ng	-0.02
79) Terphenyl-d14	20.03	244	677880	74.68	ng	-0.01
Target Compounds						
10) Phenol	7.24	94	6903	2.883	ng	95
19) n-Nitroso-di-n-propylamine	9.22	70	18254	11.533	ng	# 64
50) Dimethylphthalate	14.13	163	37766	5.735	ng	99
51) 2,6-Dinitrotoluene	14.68	165	10475	7.019	ng	# 19
57) 2,4-Dinitrotoluene	14.68	165	10475	4.983	ng	# 21
67) 4-Bromophenyl-phenylether	16.18	248	8087	3.384	ng	# 1

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

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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



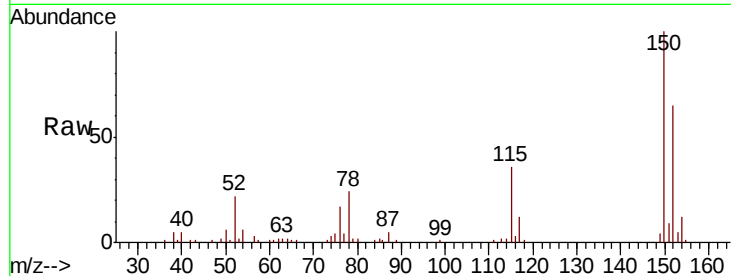


#1

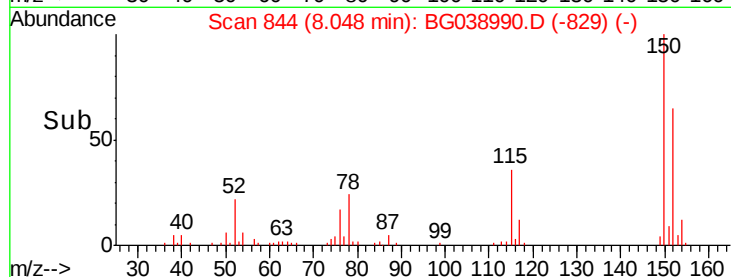
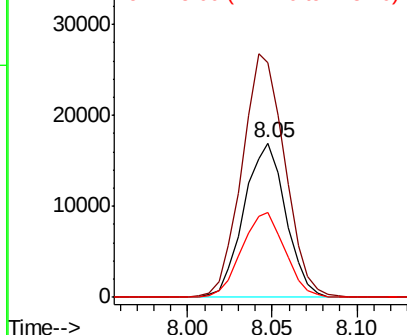
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038990.D
Acq: 8 Jan 2019 10:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 29116
Ion Ratio Lower Upper
152 100
150 152.7 119.5 179.3
115 54.8 49.6 74.4



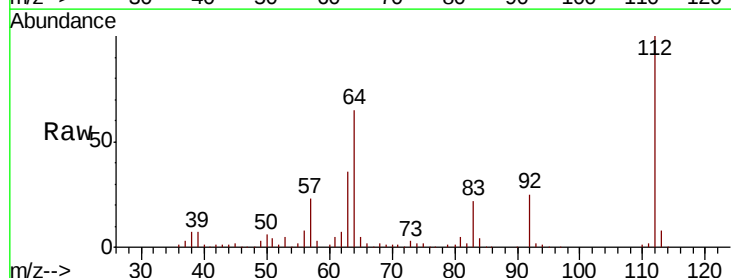
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



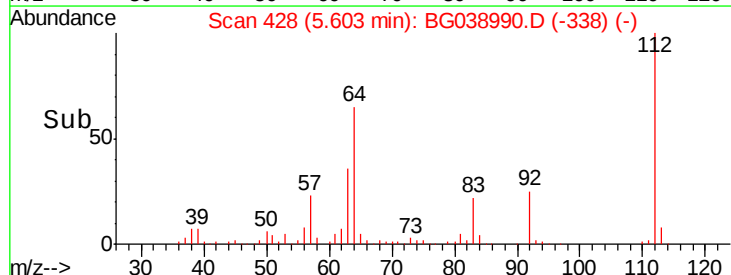
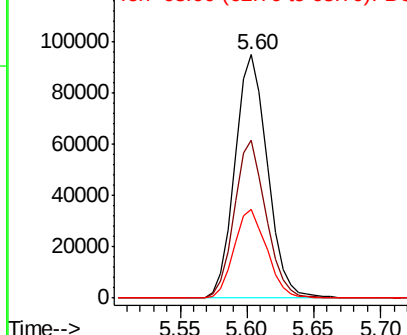
#5

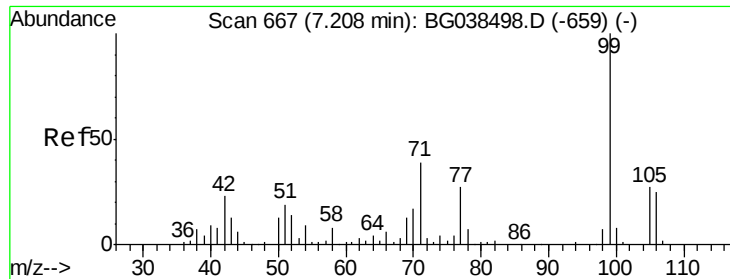
2-Fluorophenol
Concen: 97.771 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG038990.D
Acq: 8 Jan 2019 10:55

Tgt Ion:112 Resp: 160499
Ion Ratio Lower Upper
112 100
64 64.9 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): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 99.411 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038990.D

Acq: 8 Jan 2019 10:55

Instrument :

BNA_G

ClientSampleId :

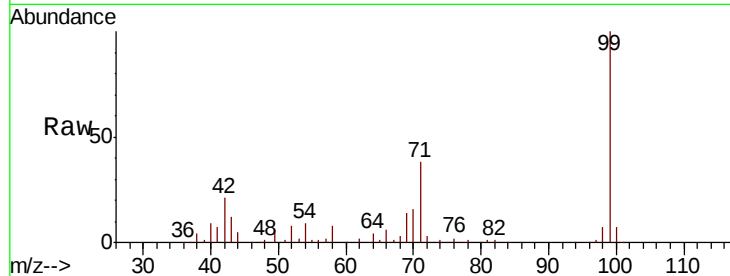
Tot Ion: 99 Resp: 224030

Ion Ratio Lower Upper

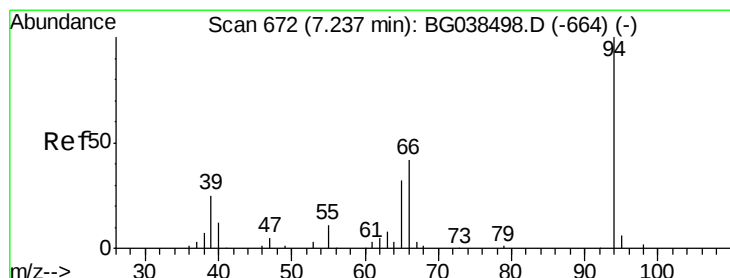
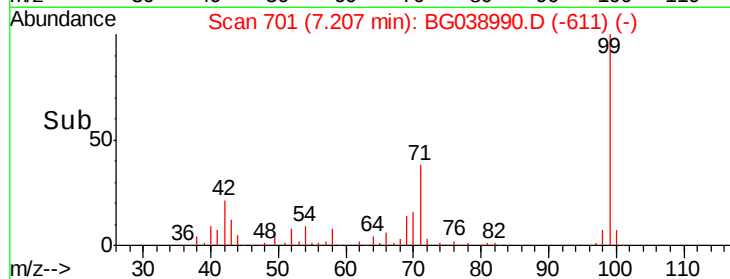
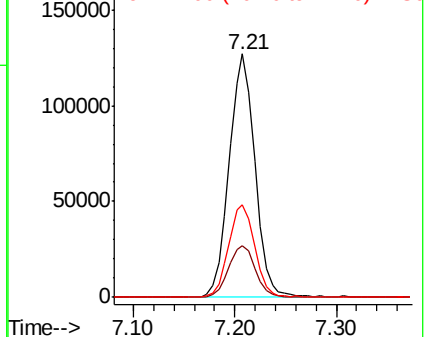
99 100

42 21.2 18.5 27.7

71 37.8 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: 2.883 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038990.D

Acq: 8 Jan 2019 10:55

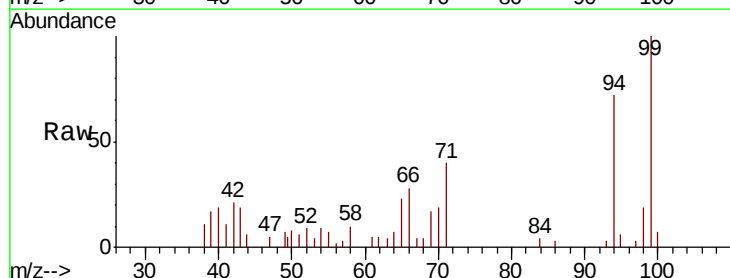
Tgt Ion: 94 Resp: 6903

Ion Ratio Lower Upper

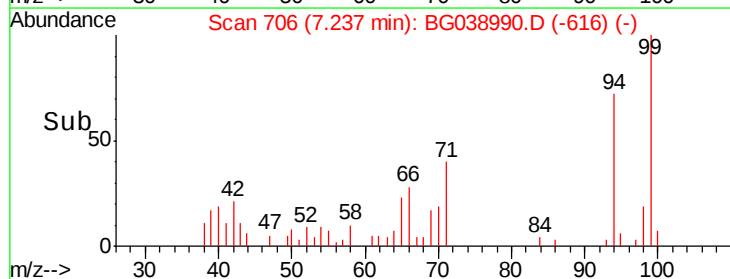
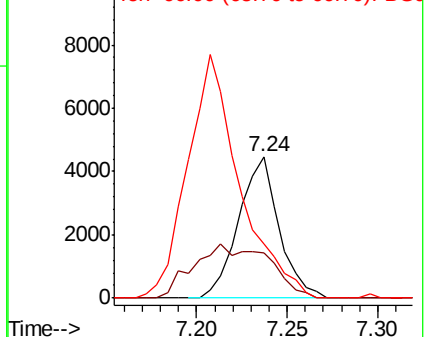
94 100

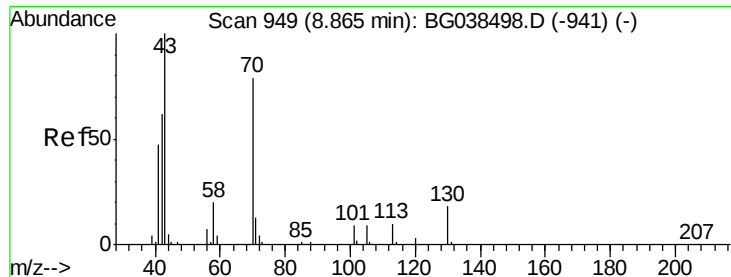
65 31.9 12.6 52.6

66 38.5 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

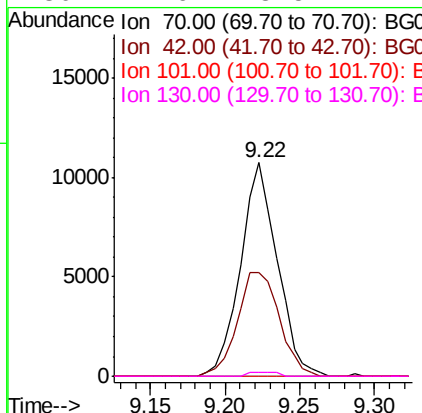
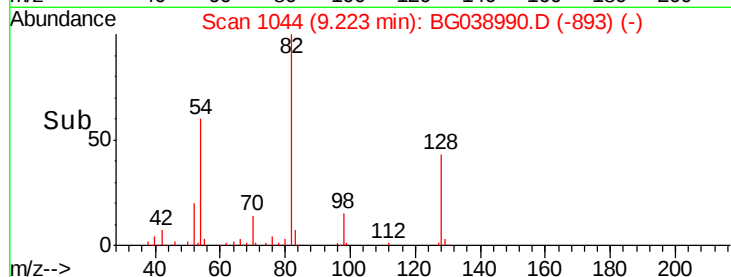
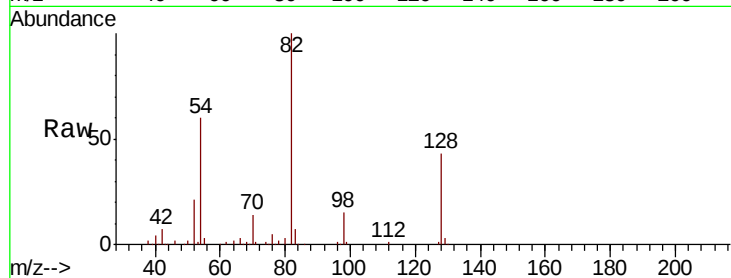




#19
n-Nitroso-di-n-propylamine
Concen: 11.533 ng
RT: 9.22 min Scan# 1044
Delta R.T. 0.36 min
Lab File: BG038990.D
Acq: 8 Jan 2019 10:55

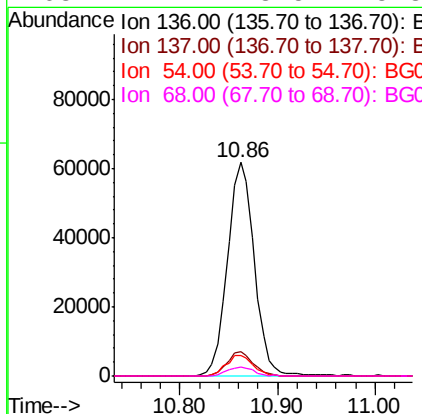
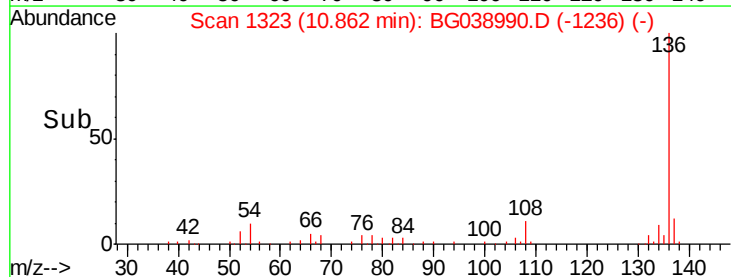
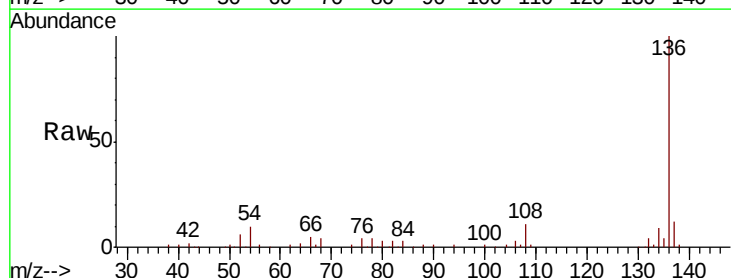
Instrument :
BNA_G
ClientSampleId :

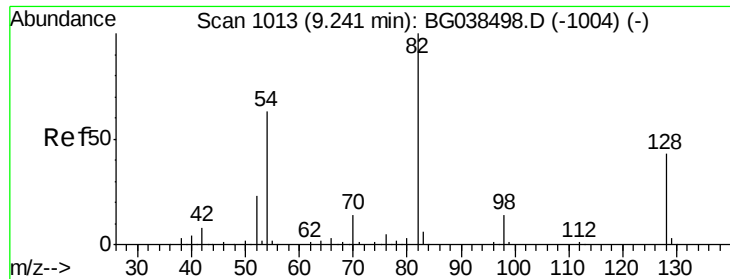
Tot Ion: 70 Resp: 18254
Ion Ratio Lower Upper
70 100
42 48.7 63.6 95.4#
101 0.0 9.2 13.8#
130 1.6 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG038990.D
Acq: 8 Jan 2019 10:55

Tgt Ion: 136 Resp: 117933
Ion Ratio Lower Upper
136 100
137 11.5 9.3 13.9
54 9.6 8.5 12.7
68 4.1 3.5 5.3

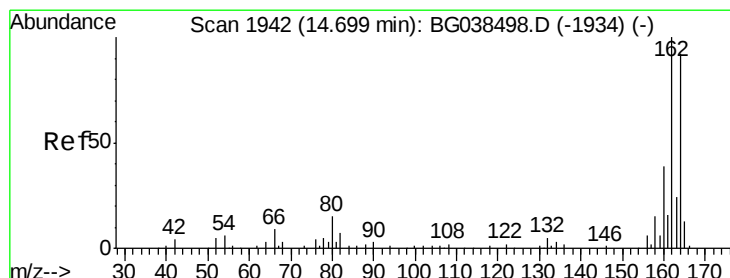
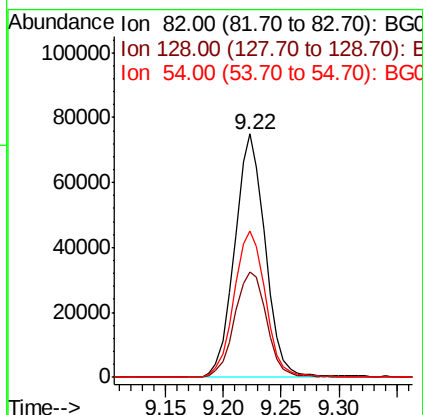
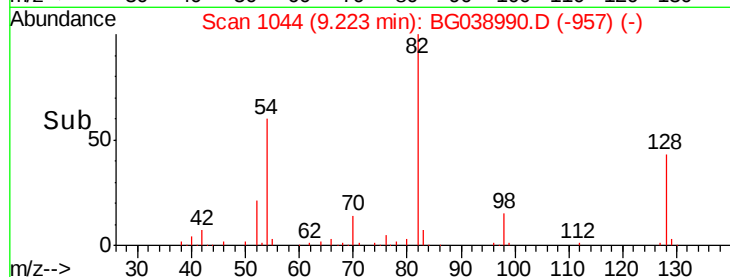
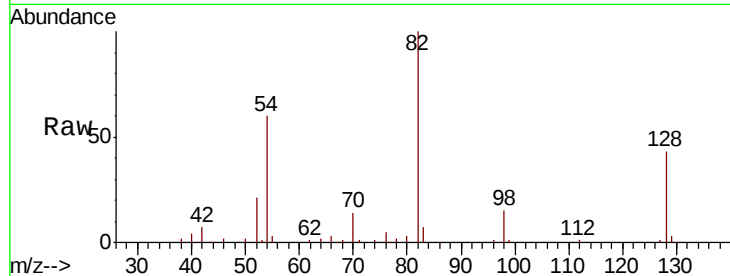




#23
Nitrobenzene-d5
Concen: 59.408 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG038990.D
Acq: 8 Jan 2019 10:55

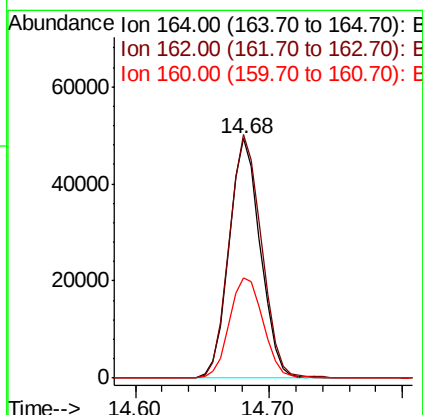
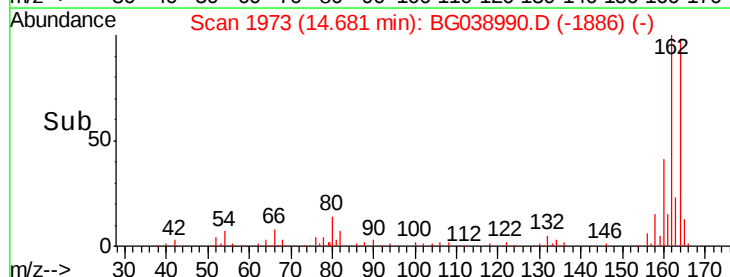
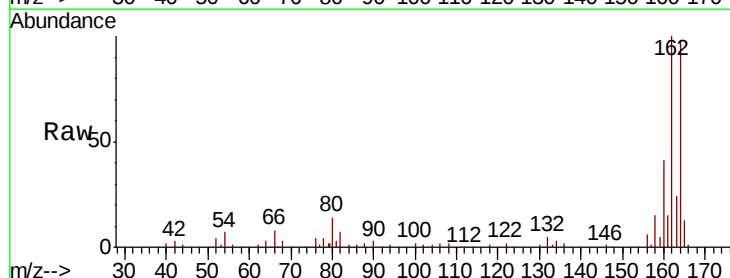
Instrument :
BNA_G
ClientSampleId :

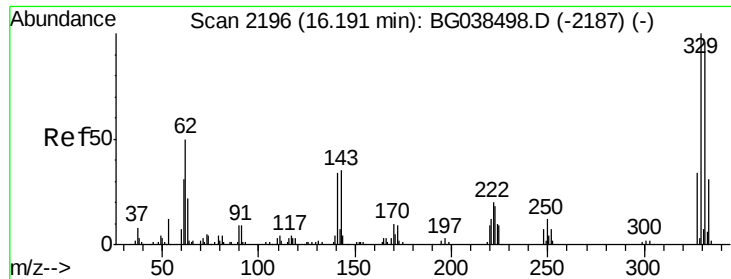
Tot Ion: 82 Resp: 137142
Ion Ratio Lower Upper
82 100
128 43.5 34.6 52.0
54 60.2 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG038990.D
Acq: 8 Jan 2019 10:55

Tgt Ion:164 Resp: 80645
Ion Ratio Lower Upper
164 100
162 101.7 86.6 130.0
160 41.6 34.2 51.2

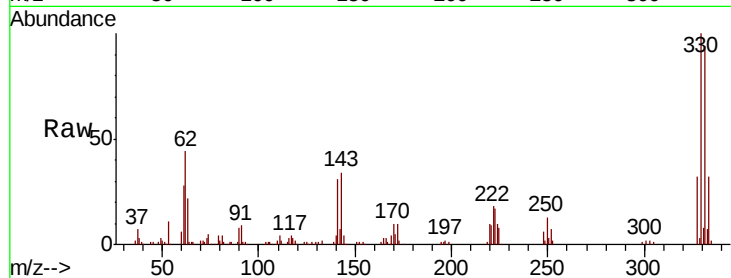




#42
 2,4,6-Tribromophenol
 Concen: 107.204 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.02 min
 Lab File: BG038990.D
 Acq: 8 Jan 2019 10:55

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.9	115.3
141	31.6	28.8	43.2

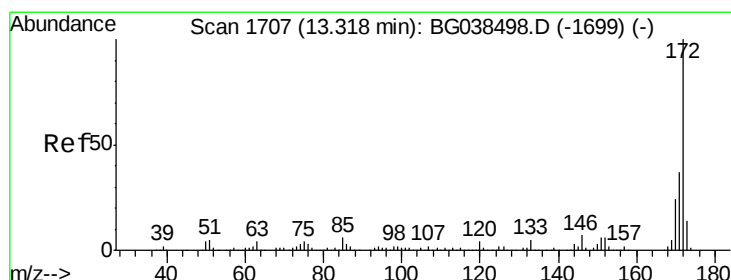
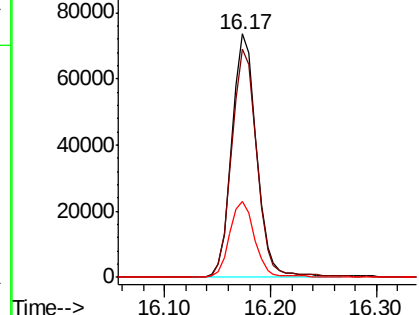
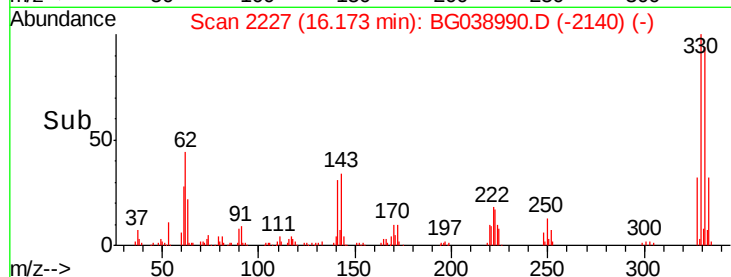


Abundance

Ion 329.80 (329.50 to 330.50): E

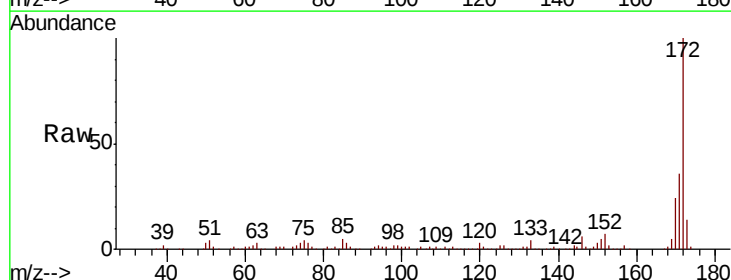
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 66.032 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG038990.D
 Acq: 8 Jan 2019 10:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.8	44.6
170	23.7	19.5	29.3

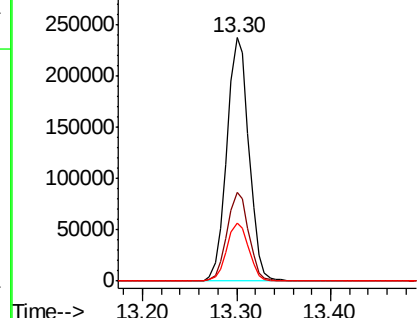
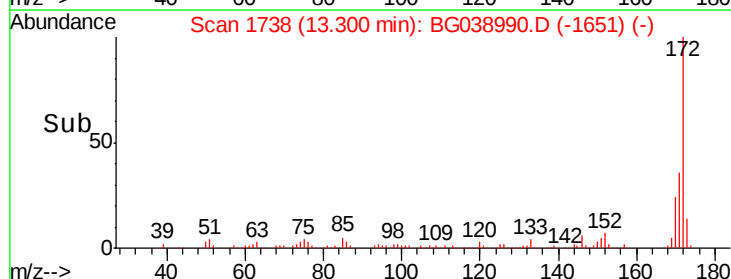


Abundance

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: 5.735 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG038990.D

Acq: 8 Jan 2019 10:55

Instrument :

BNA_G

ClientSampleId :

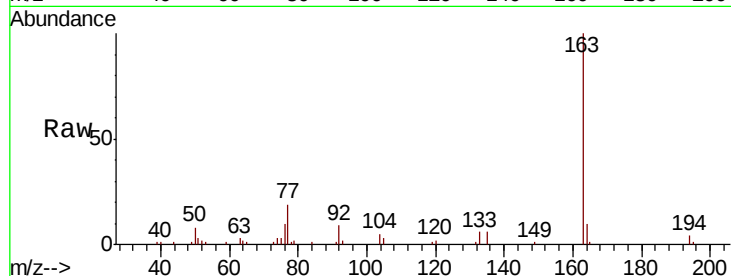
Tot Ion:163 Resp: 37766

Ion Ratio Lower Upper

163 100

194 4.2 3.7 5.5

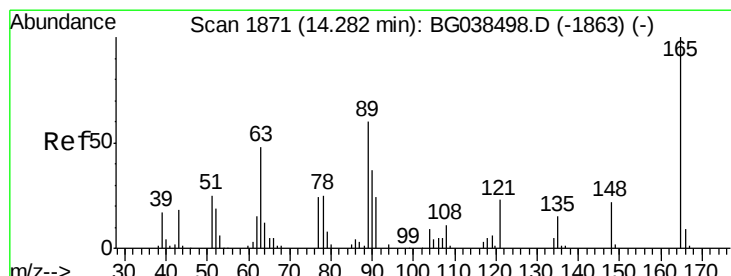
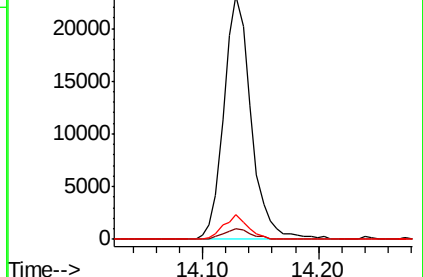
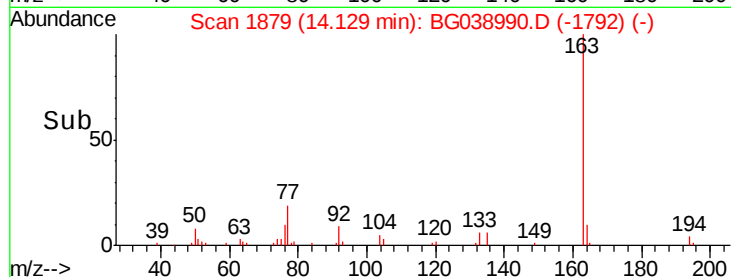
164 10.3 8.6 12.8



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



#51

2,6-Dinitrotoluene

Concen: 7.019 ng

RT: 14.68 min Scan# 1973

Delta R.T. 0.40 min

Lab File: BG038990.D

Acq: 8 Jan 2019 10:55

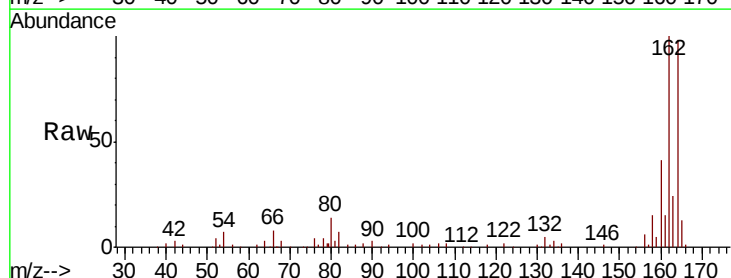
Tgt Ion:165 Resp: 10475

Ion Ratio Lower Upper

165 100

63 0.0 51.8 77.6#

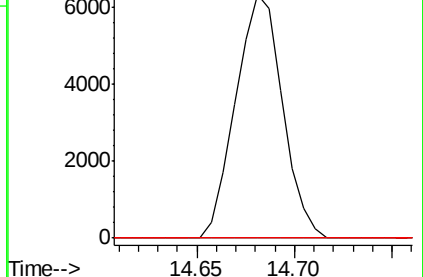
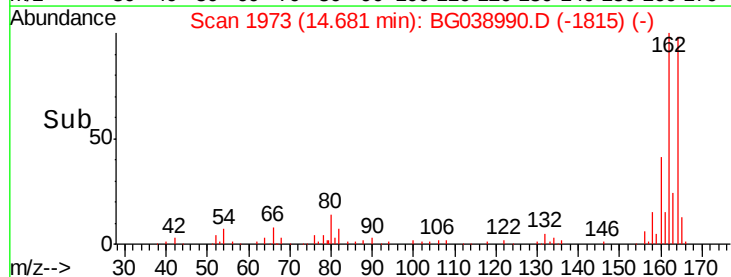
89 0.0 47.9 71.9#

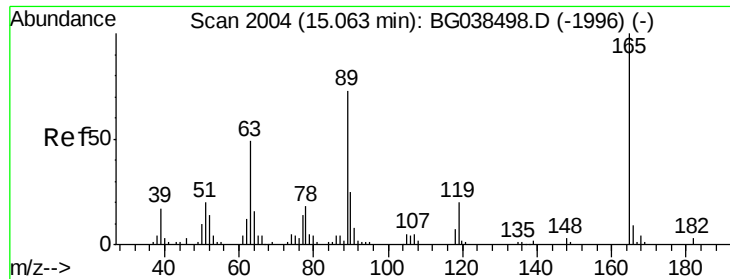


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

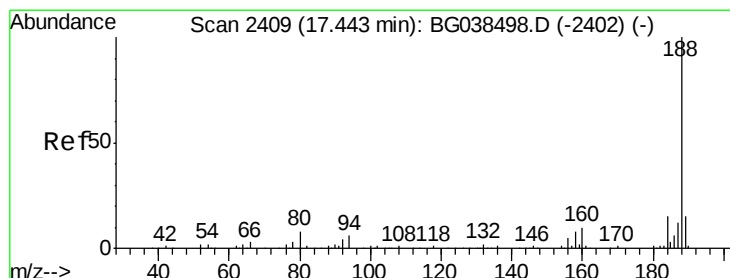
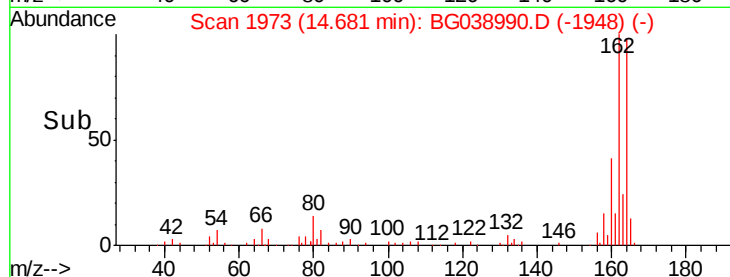
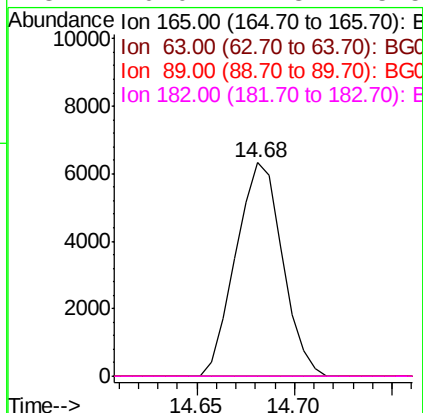
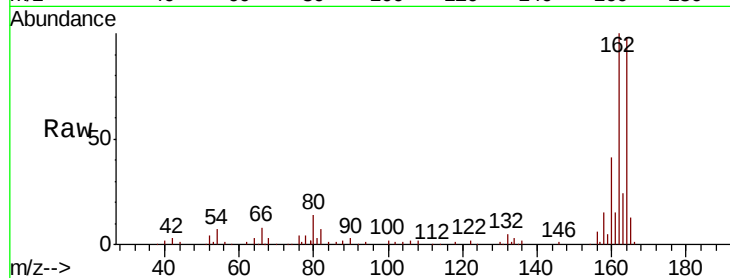




#57
 2,4-Dinitrotoluene
 Concen: 4.983 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.38 min
 Lab File: BG038990.D
 Acq: 8 Jan 2019 10:55

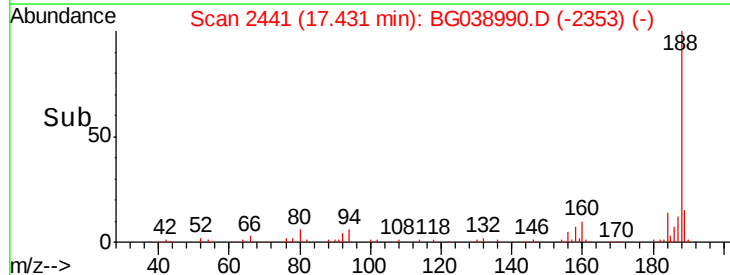
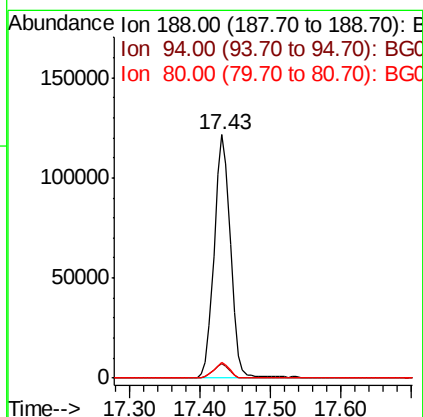
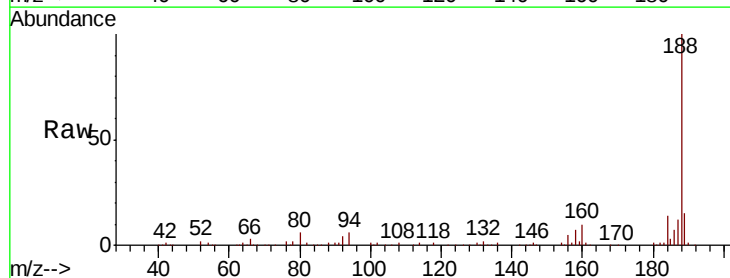
Instrument :
 BNA_G
 ClientSampleId :

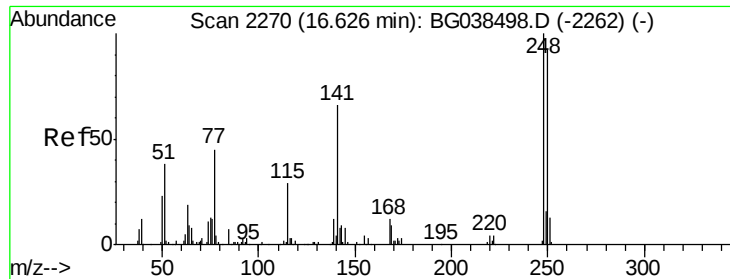
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.0	58.4#
89	0.0	58.0	87.0#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.01 min
 Lab File: BG038990.D
 Acq: 8 Jan 2019 10:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.1	7.7
80	6.4	6.1	9.1

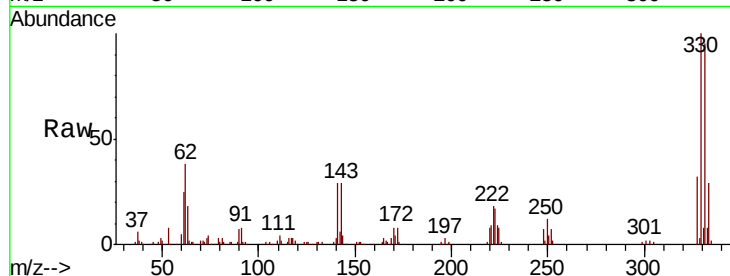




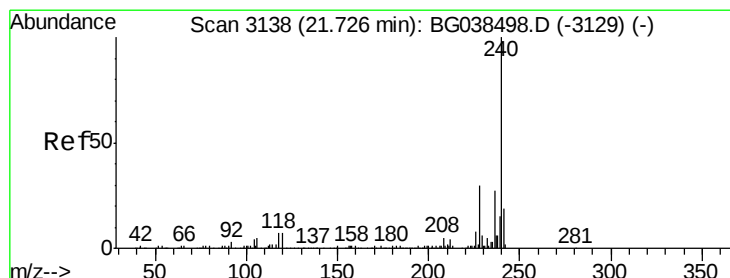
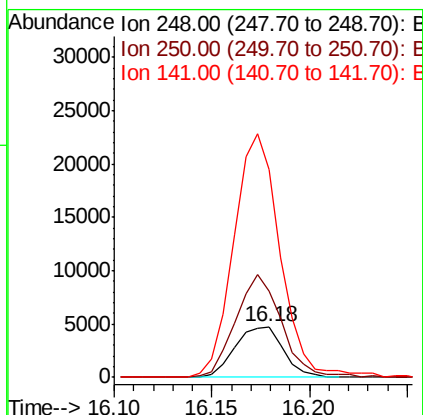
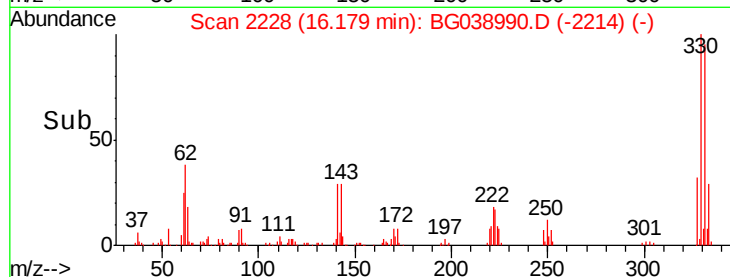
#67
 4-Bromophenyl-phenylether
 Concen: 3.384 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.45 min
 Lab File: BG038990.D
 Acq: 8 Jan 2019 10:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 8087
 Ion Ratio Lower Upper
 248 100
 250 179.9 73.4 110.2#
 141 317.9 52.9 79.3#

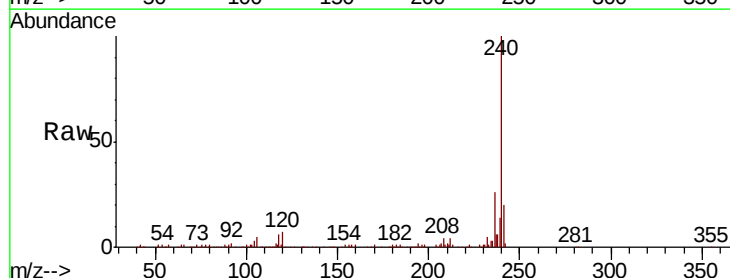


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

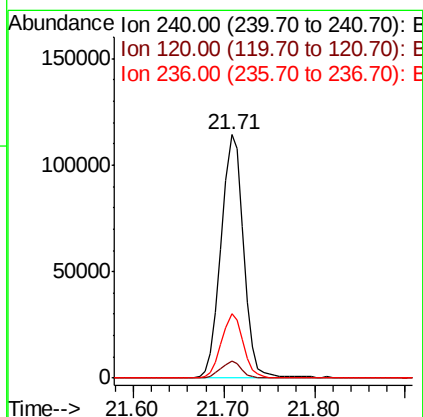
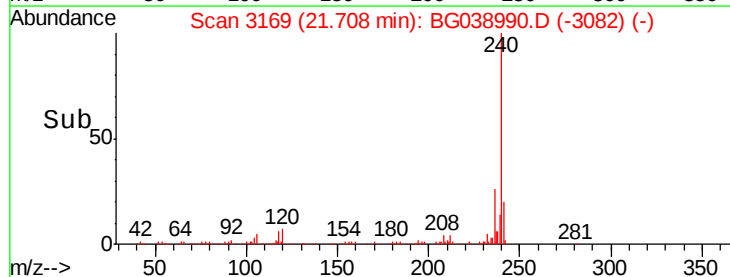


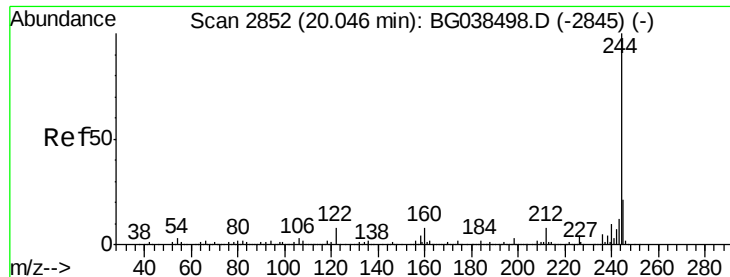
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.02 min
 Lab File: BG038990.D
 Acq: 8 Jan 2019 10:55

Tgt Ion:240 Resp: 197560
 Ion Ratio Lower Upper
 240 100
 120 6.9 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: 74.676 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG038990.D

Acq: 8 Jan 2019 10:55

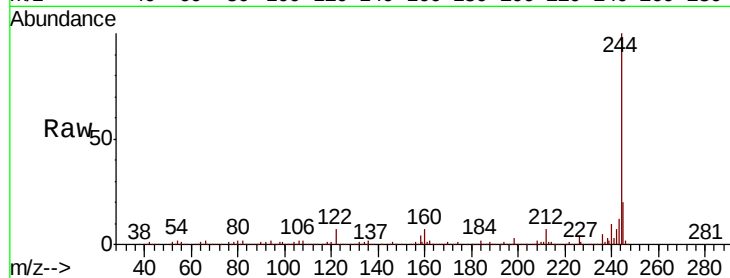
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 677880

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	6.9	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

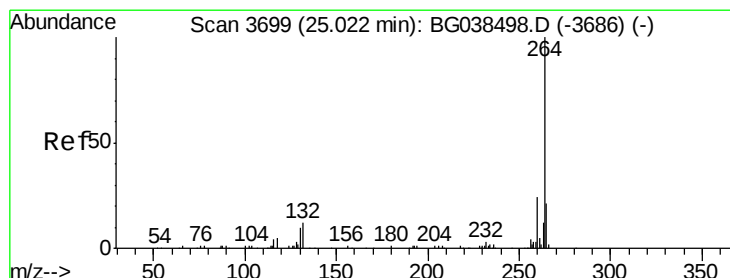
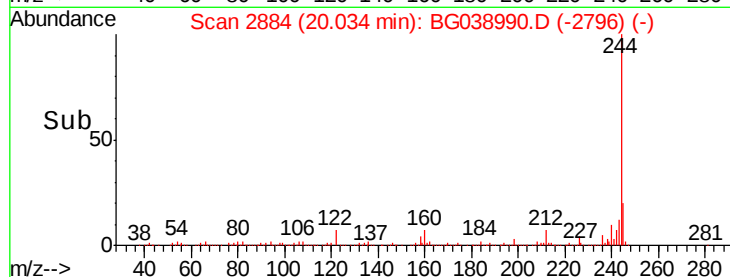
20.03

400000

200000

0

Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.00 min Scan# 3729

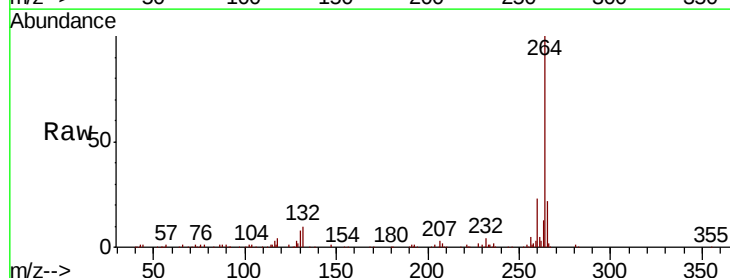
Delta R.T. -0.02 min

Lab File: BG038990.D

Acq: 8 Jan 2019 10:55

Tgt Ion:264 Resp: 204020

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	22.4	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

25.00

80000

60000

40000

20000

0

Time-->

