

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
 Data File : BG038952.D
 Acq On : 5 Jan 2019 6:54
 Operator : JU/SJ
 Sample : K1036-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 06 22:43:31 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

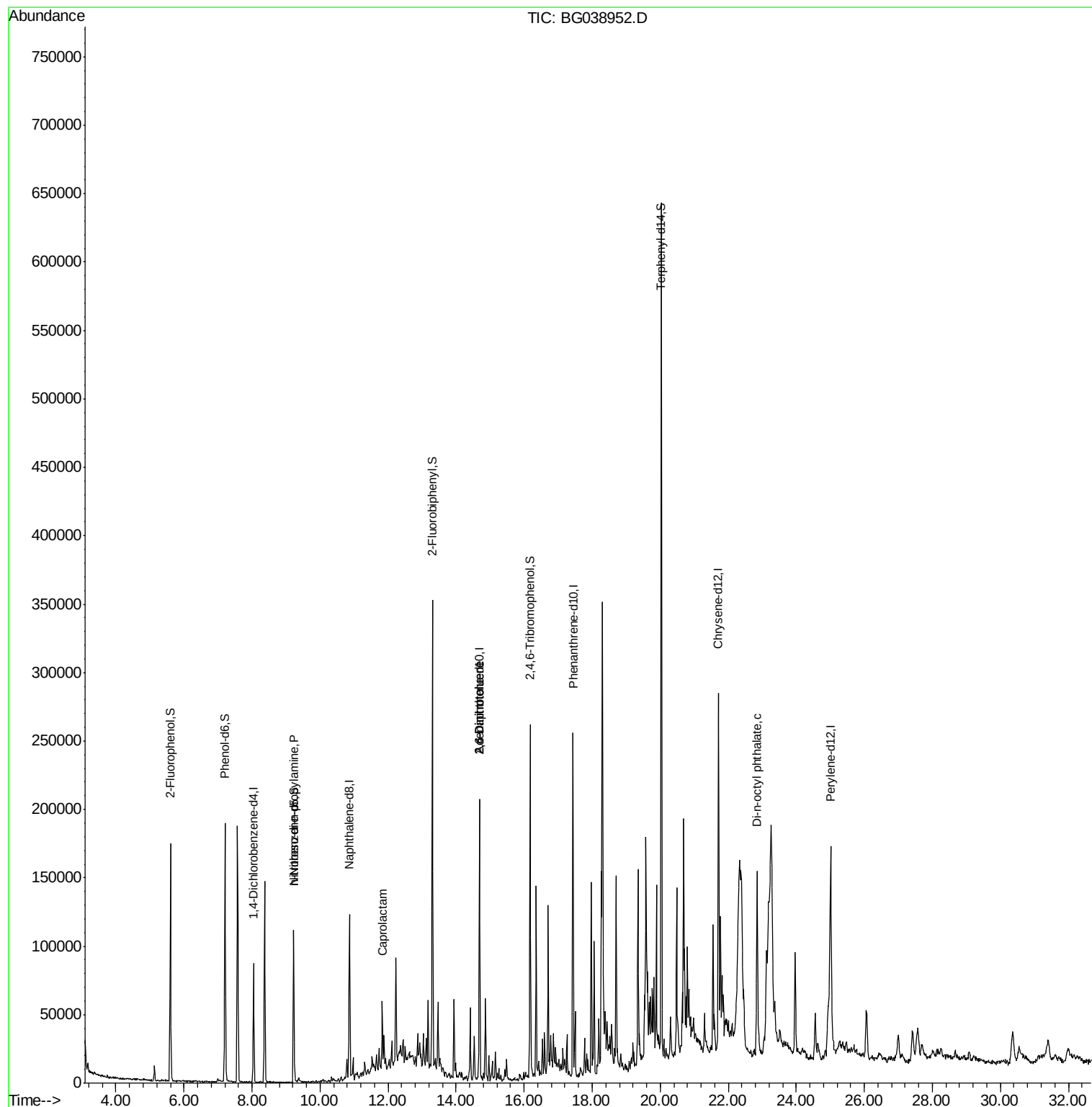
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	26026	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	106732	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	71279	20.00	ng	-0.01
64) Phenanthrene-d10	17.44	188	164956	20.00	ng	0.00
76) Chrysene-d12	21.71	240	166013	20.00	ng	-0.01
87) Perylene-d12	25.01	264	178749	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	80697	54.99	ng	0.00
7) Phenol-d6	7.21	99	113725	56.46	ng	0.00
23) Nitrobenzene-d5	9.23	82	71041	34.00	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	57131	58.16	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	191076	36.77	ng	-0.01
79) Terphenyl-d14	20.04	244	324205	42.50	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	9142	6.462	ng	# 67
35) Caprolactam	11.83	113	1530	2.144	ng	# 7
51) 2,6-Dinitrotoluene	14.69	165	9279	7.034	ng	# 19
57) 2,4-Dinitrotoluene	14.69	165	9279	4.994	ng	# 21
85) Di-n-octyl phthalate	22.85	149	21822	2.144	ng	# 1

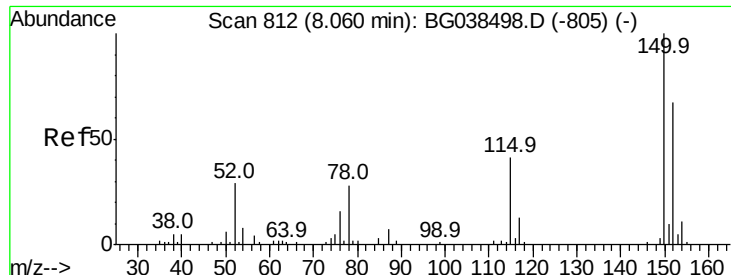
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



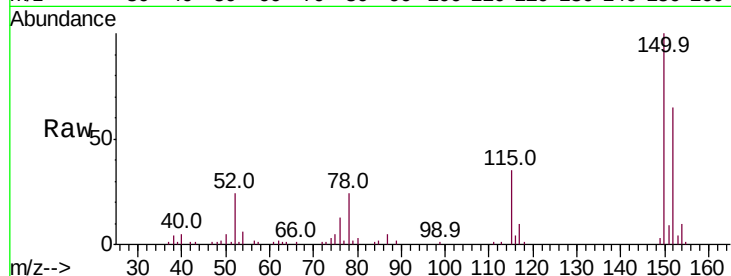


#1

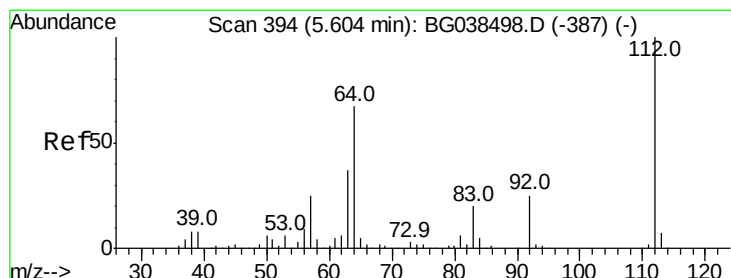
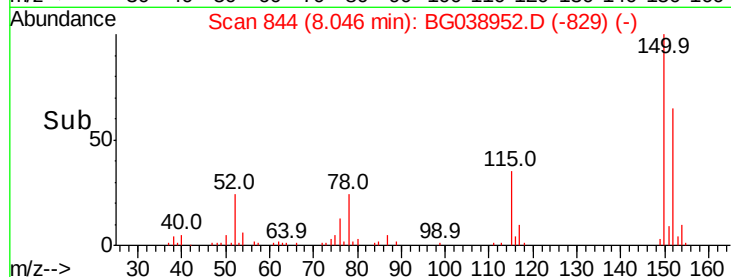
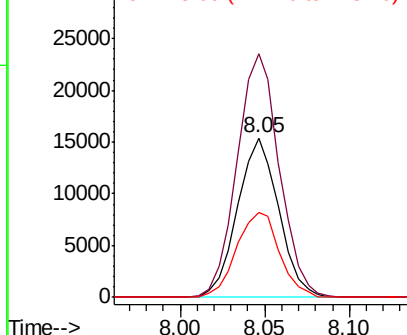
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038952.D
Acq: 5 Jan 2019 6:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 26026
Ion Ratio Lower Upper
152 100
150 152.8 119.5 179.3
115 53.0 49.6 74.4



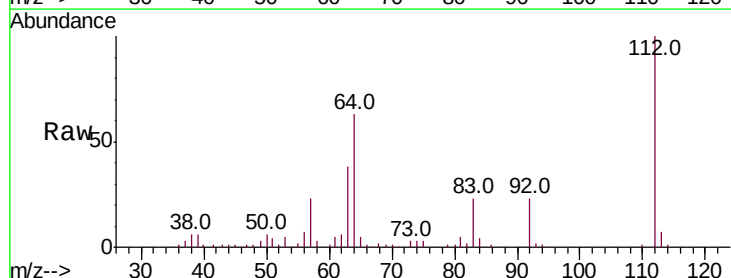
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



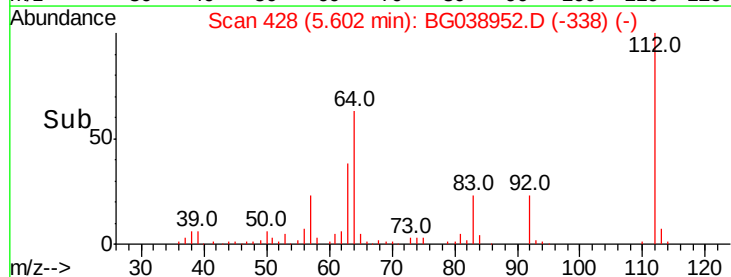
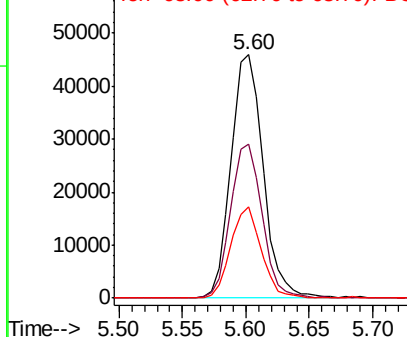
#5

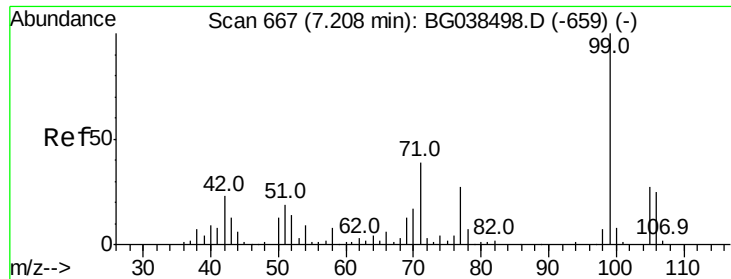
2-Fluorophenol
Concen: 54.994 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.00 min
Lab File: BG038952.D
Acq: 5 Jan 2019 6:54

Tgt Ion:112 Resp: 80697
Ion Ratio Lower Upper
112 100
64 63.3 53.4 80.2
63 37.6 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: 56.456 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038952.D

Acq: 5 Jan 2019 6:54

Instrument :

BNA_G

ClientSampleId :

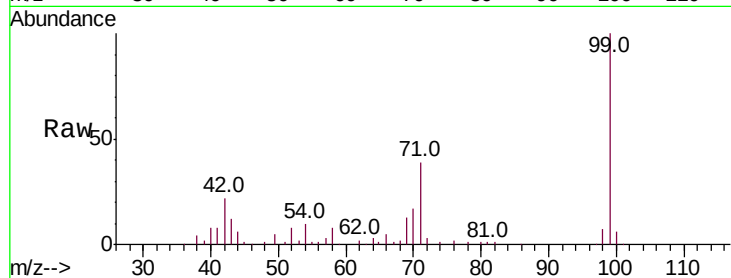
Tot Ion: 99 Resp: 113725

Ion Ratio Lower Upper

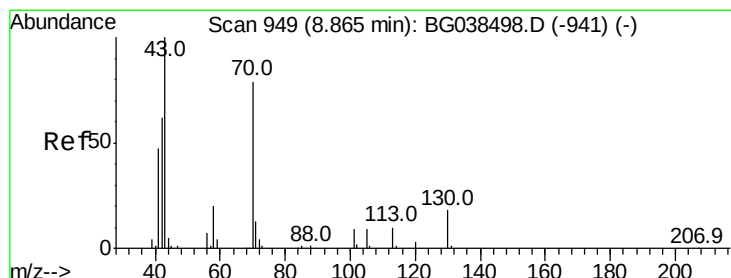
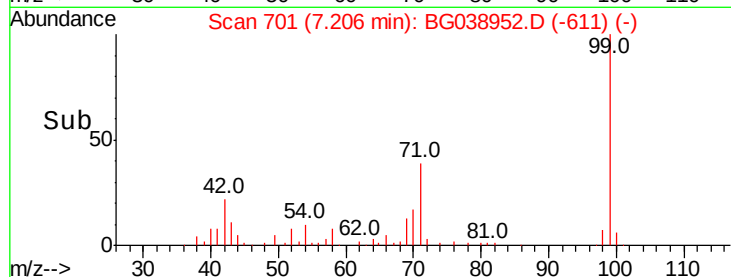
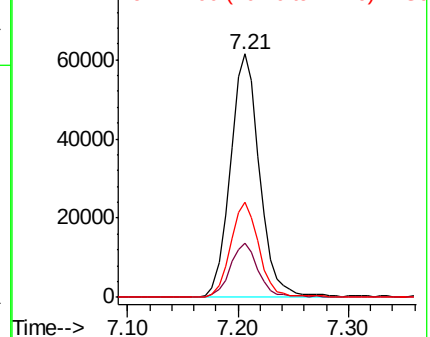
99 100

42 22.2 18.5 27.7

71 39.0 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: 6.462 ng

RT: 9.23 min Scan# 1045

Delta R.T. 0.36 min

Lab File: BG038952.D

Acq: 5 Jan 2019 6:54

Tgt Ion: 70 Resp: 9142

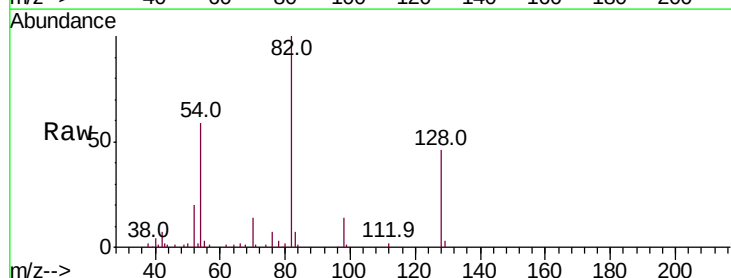
Ion Ratio Lower Upper

70 100

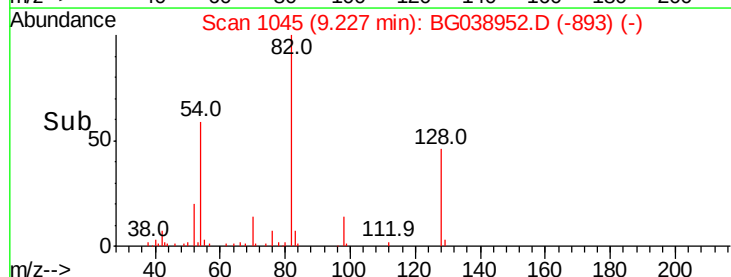
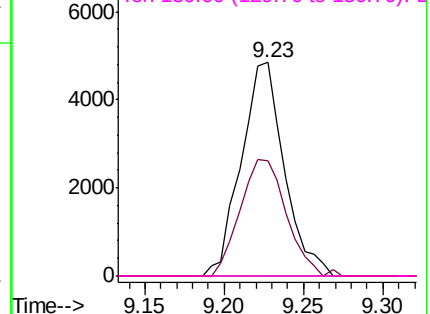
42 53.7 63.6 95.4#

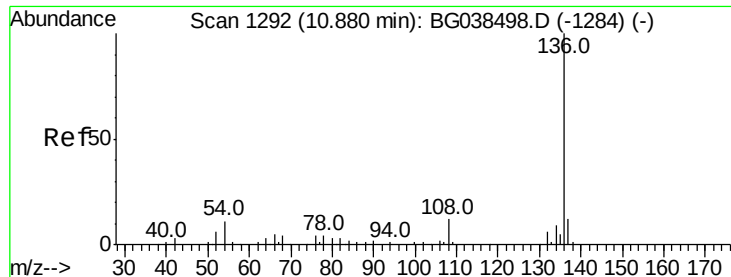
101 0.0 9.2 13.8#

130 0.0 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

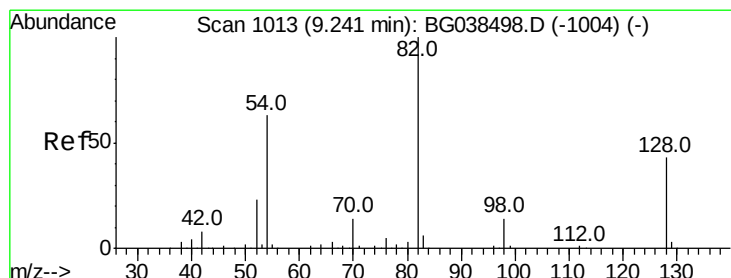
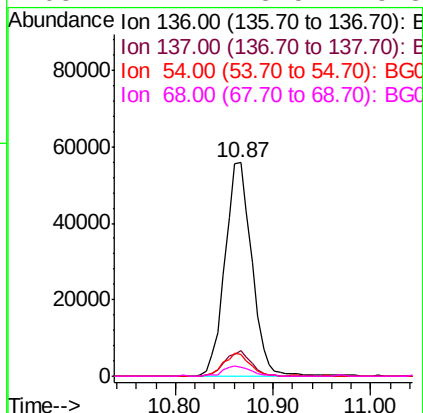
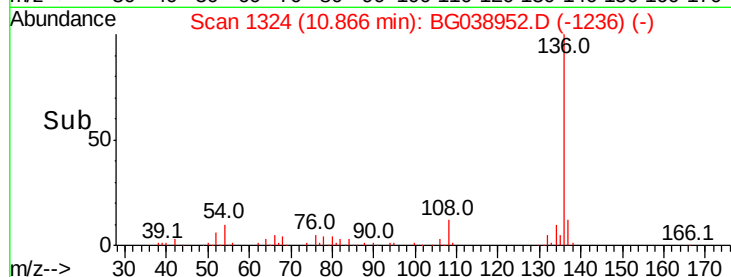
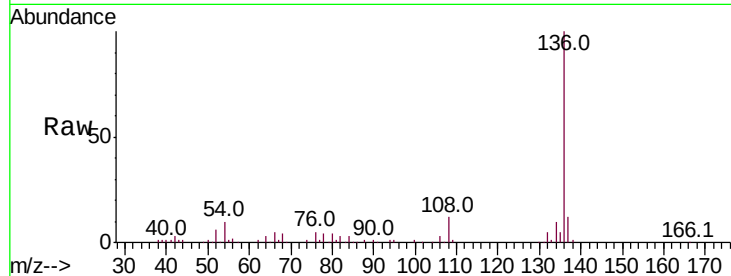




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG038952.D
Acq: 5 Jan 2019 6:54

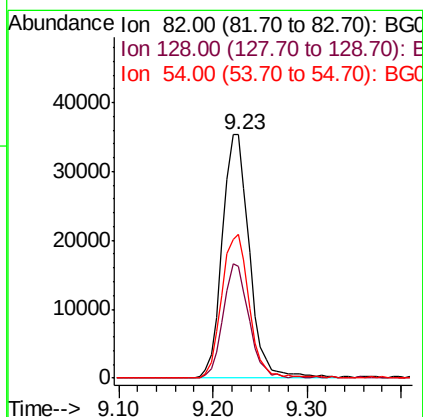
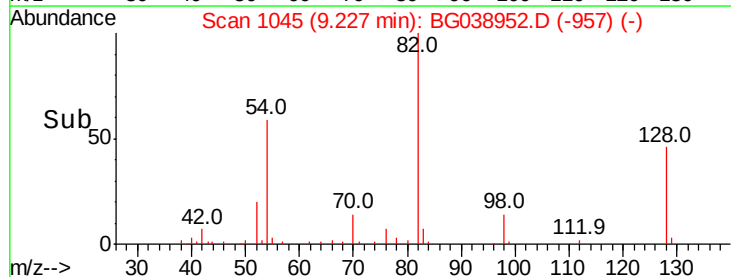
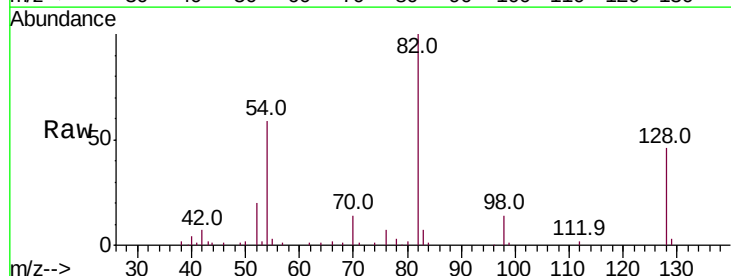
Instrument :
BNA_G
ClientSampleId :

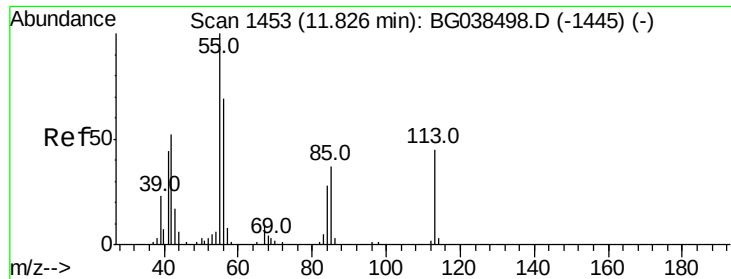
Tot Ion:	136	Resp:	106732
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.3	13.9
54	10.4	8.5	12.7
68	4.2	3.5	5.3



#23
Nitrobenzene-d5
Concen: 34.004 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG038952.D
Acq: 5 Jan 2019 6:54

Tgt Ion:	82	Resp:	71041
Ion	Ratio	Lower	Upper
82	100		
128	46.0	34.6	52.0
54	59.2	50.6	76.0





#35

Caprolactam

Concen: 2.144 ng

RT: 11.83 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BG038952.D

Acq: 5 Jan 2019 6:54

Instrument :

BNA_G

ClientSampleId :

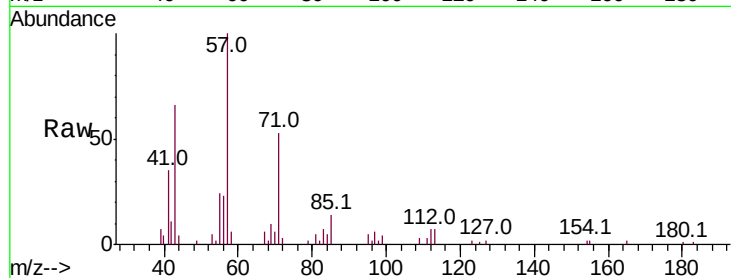
Tot Ion:113 Resp: 1530

Ion Ratio Lower Upper

113 100

55 333.9 204.3 244.3#

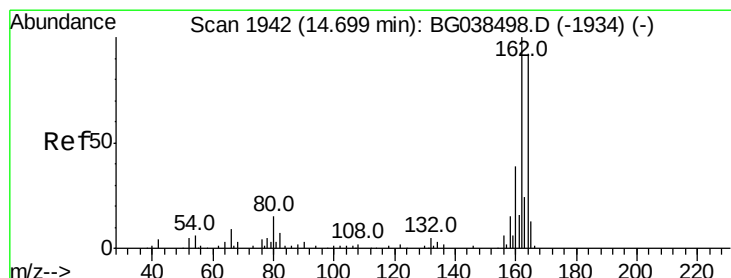
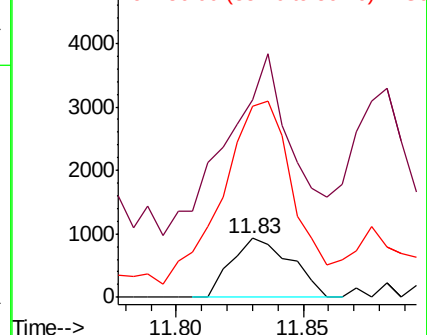
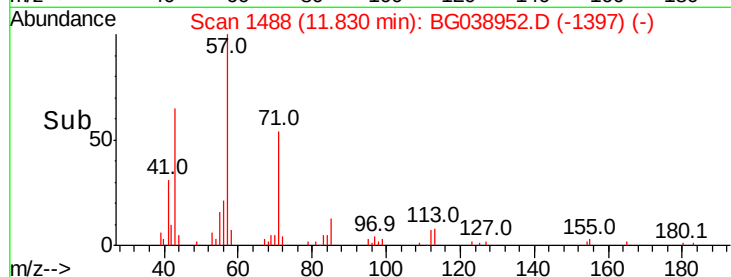
56 322.1 135.0 175.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG038952.D

Acq: 5 Jan 2019 6:54

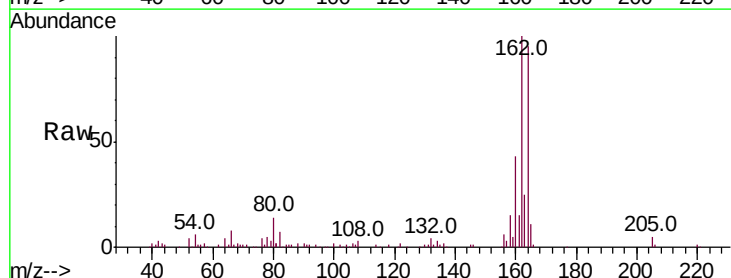
Tgt Ion:164 Resp: 71279

Ion Ratio Lower Upper

164 100

162 105.2 86.6 130.0

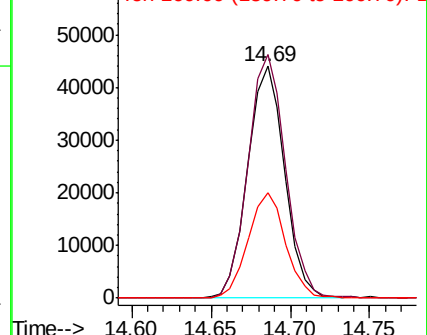
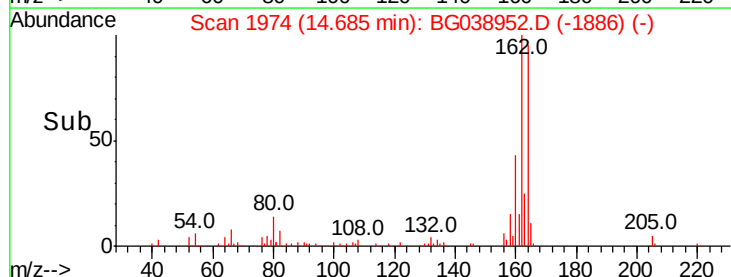
160 45.4 34.2 51.2

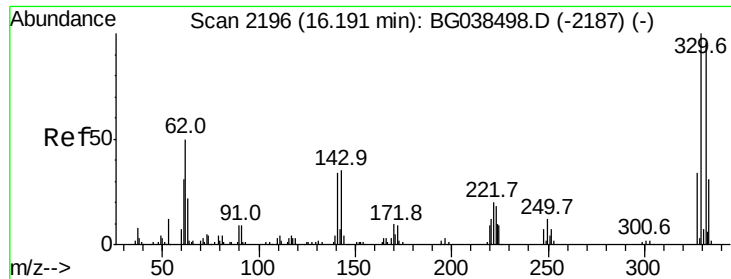


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

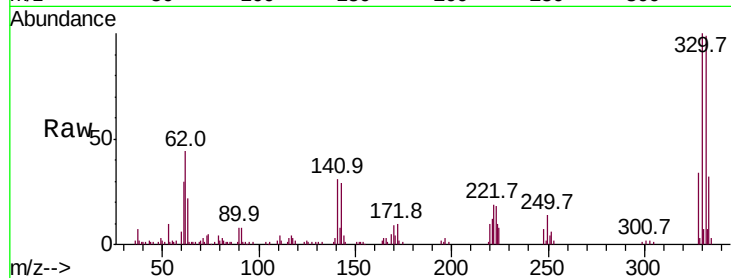




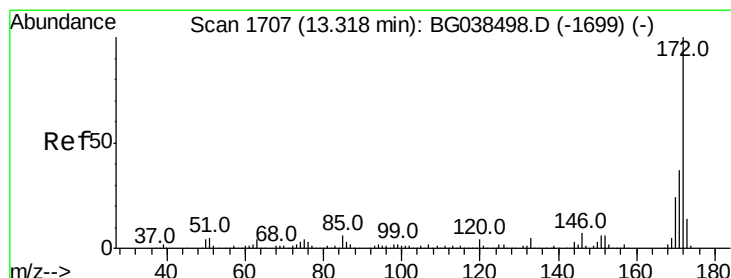
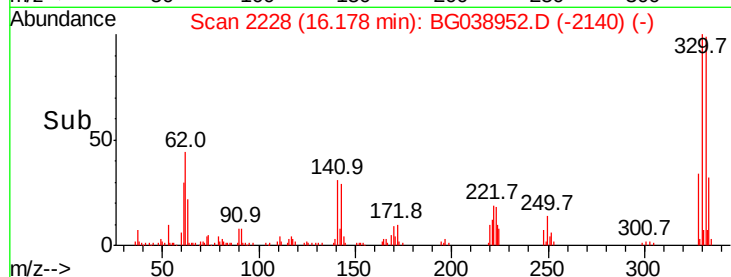
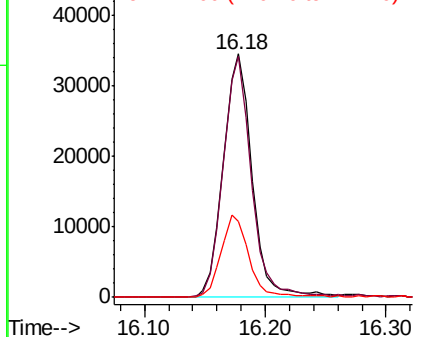
#42
 2,4,6-Tribromophenol
 Concen: 58.157 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BG038952.D
 Acq: 5 Jan 2019 6:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.9	115.3
141	32.8	28.8	43.2

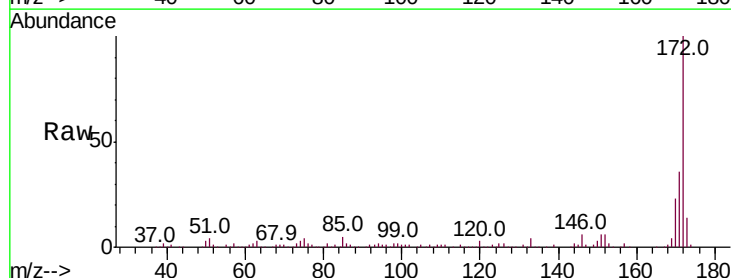


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

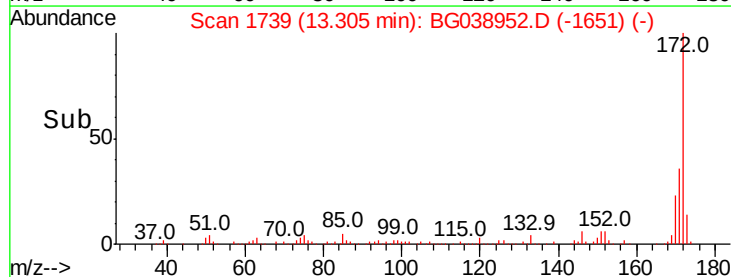
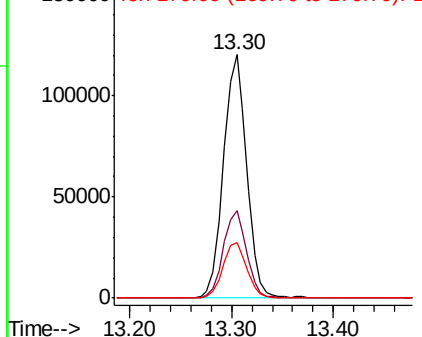


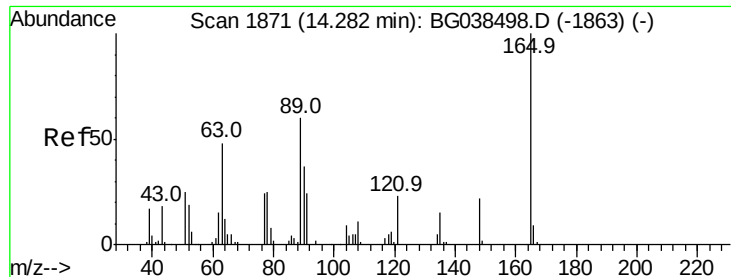
#45
 2-Fluorobiphenyl
 Concen: 36.775 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG038952.D
 Acq: 5 Jan 2019 6:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.8	44.6
170	22.5	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

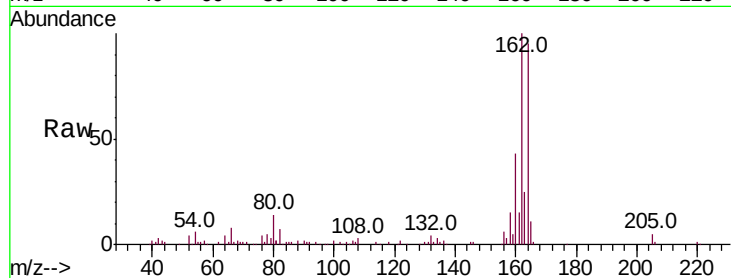




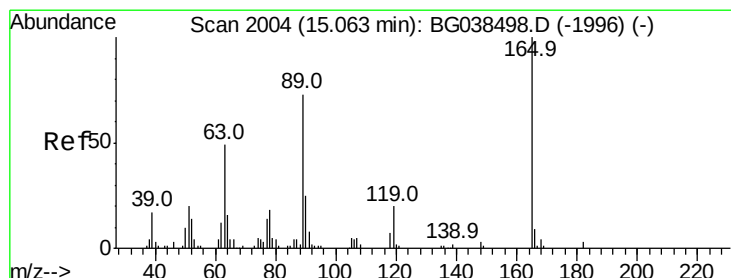
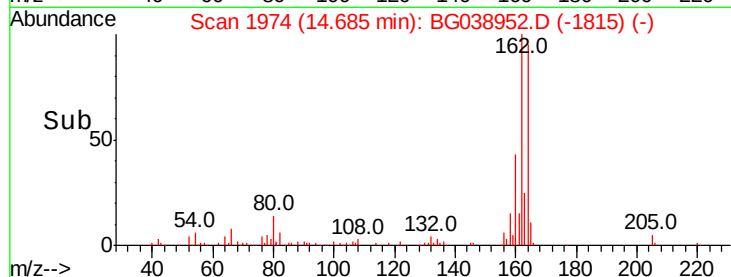
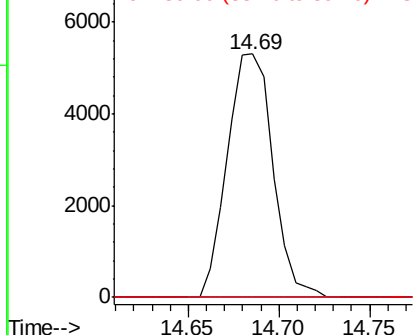
#51
 2,6-Dinitrotoluene
 Concen: 7.034 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. 0.40 min
 Lab File: BG038952.D
 Acq: 5 Jan 2019 6:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 9279
 Ion Ratio Lower Upper
 165 100
 63 0.0 51.8 77.6#
 89 0.0 47.9 71.9#

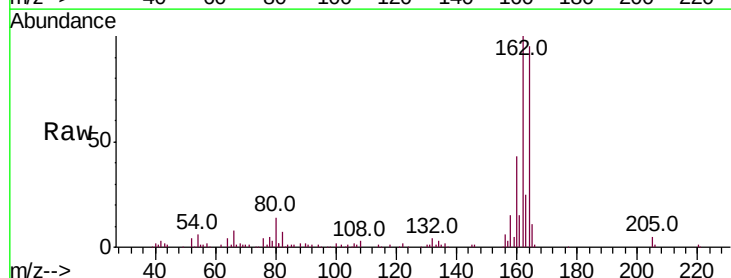


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

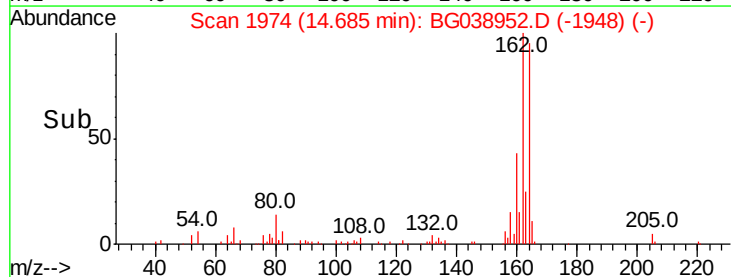
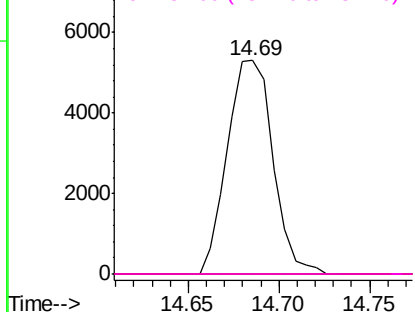


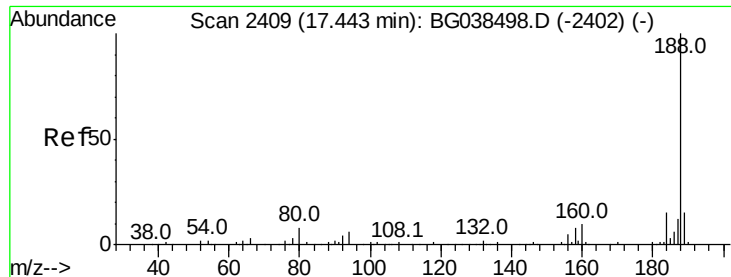
#57
 2,4-Dinitrotoluene
 Concen: 4.994 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.38 min
 Lab File: BG038952.D
 Acq: 5 Jan 2019 6:54

Tgt Ion:165 Resp: 9279
 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

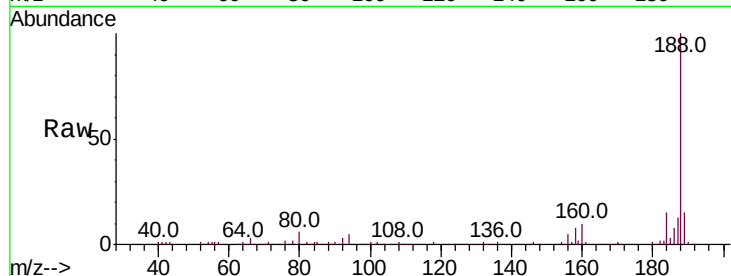




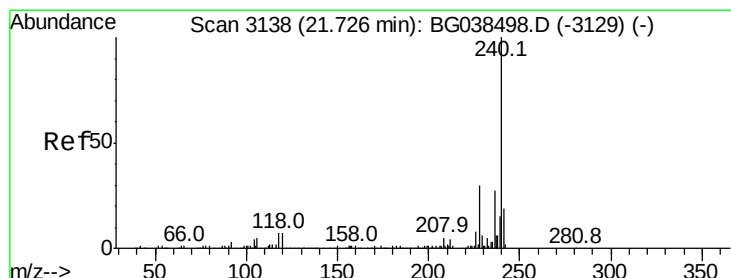
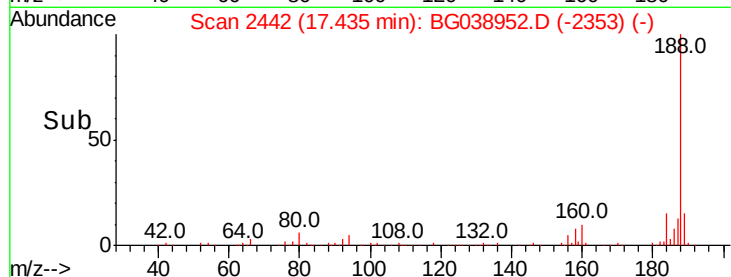
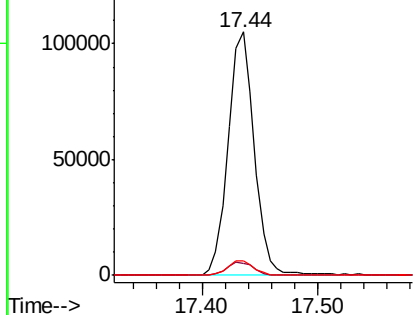
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2442
 Delta R.T. -0.01 min
 Lab File: BG038952.D
 Acq: 5 Jan 2019 6:54

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:188 Resp: 164956
 Ion Ratio Lower Upper
 188 100
 94 4.8 5.1 7.7#
 80 5.9 6.1 9.1#

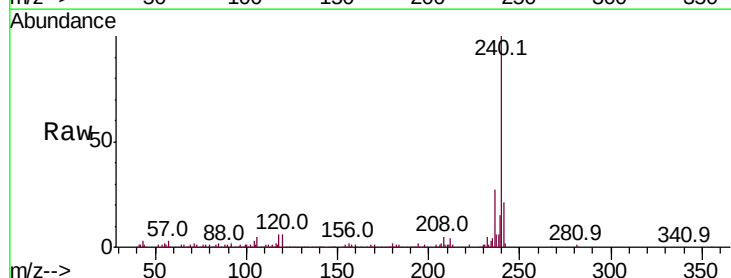


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

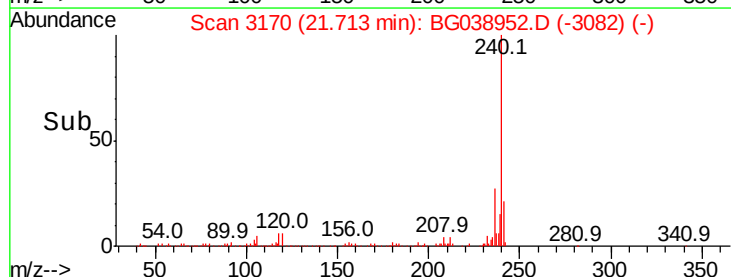
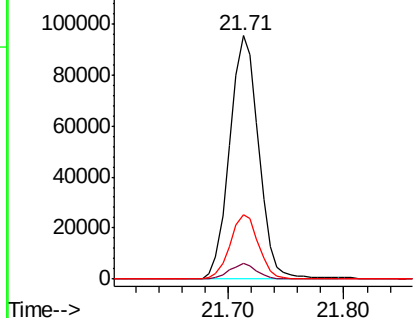


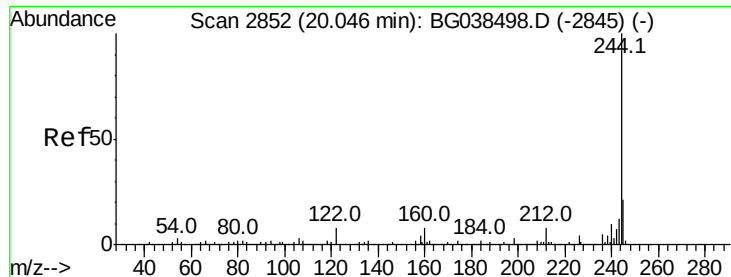
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3170
 Delta R.T. -0.01 min
 Lab File: BG038952.D
 Acq: 5 Jan 2019 6:54

Tgt Ion:240 Resp: 166013
 Ion Ratio Lower Upper
 240 100
 120 6.3 5.3 7.9
 236 26.6 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: 42.501 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG038952.D

Acq: 5 Jan 2019 6:54

Instrument :

BNA_G

ClientSampleId :

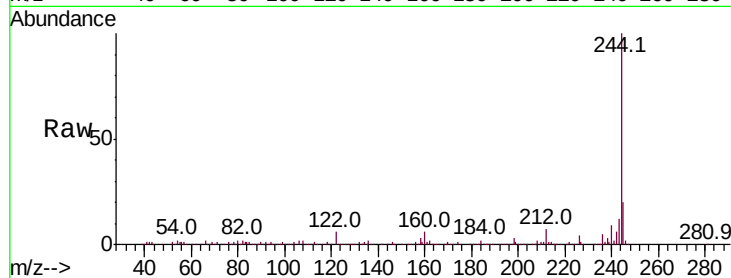
Tot Ion:244 Resp: 324205

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

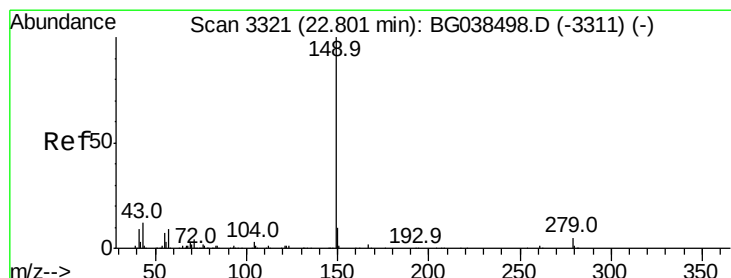
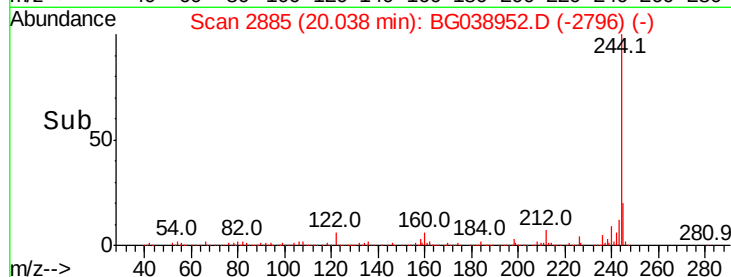
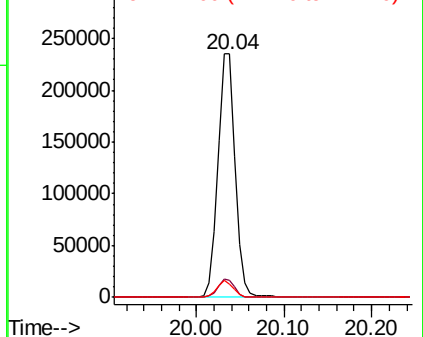
122 5.6 6.3 9.5#



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



#85

Di-n-octyl phthalate

Concen: 2.144 ng

RT: 22.85 min Scan# 3364

Delta R.T. 0.05 min

Lab File: BG038952.D

Acq: 5 Jan 2019 6:54

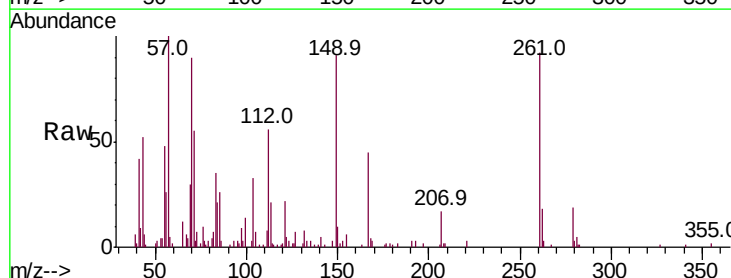
Tgt Ion:149 Resp: 21822

Ion Ratio Lower Upper

149 100

167 49.4 1.2 1.8#

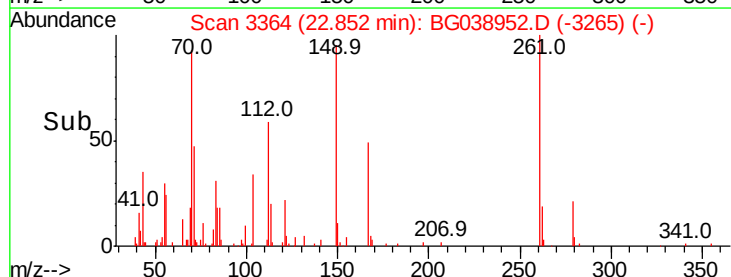
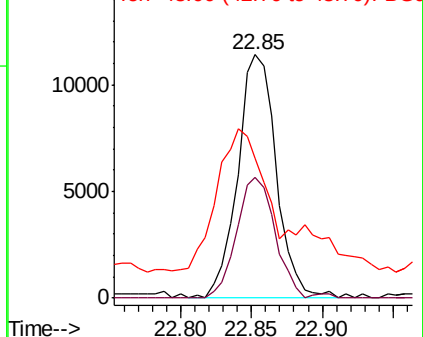
43 77.1 9.3 13.9#

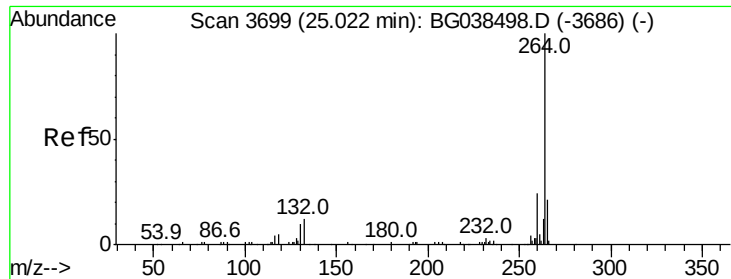


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.01 min
Lab File: BG038952.D
Acq: 5 Jan 2019 6:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.9	28.3
265	20.7	17.0	25.4

