

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010819\
 Data File : BG039009.D
 Acq On : 9 Jan 2019 1:05
 Operator : JU/SJ
 Sample : K1073-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 09 03:04:15 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

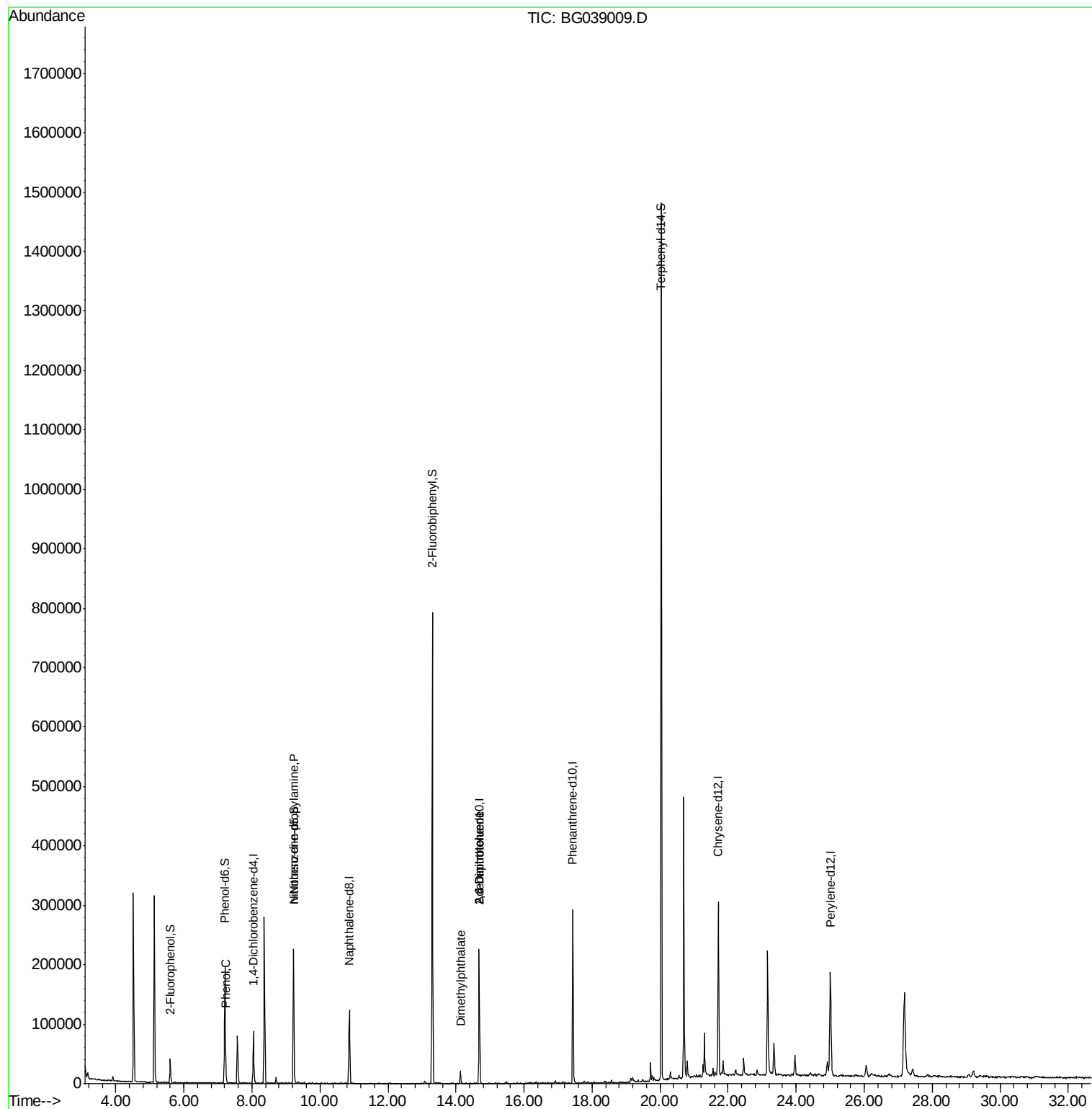
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	26721	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	115384	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	85482	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	198022	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	198199	20.00	ng	-0.02
87) Perylene-d12	25.01	264	211271	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	20073	13.32	ng	0.00
7) Phenol-d6	7.21	99	122310	59.14	ng	0.00
23) Nitrobenzene-d5	9.22	82	137640	60.94	ng	-0.02
42) 2,4,6-Tribromophenol	16.19	330	878	0.75	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	433451	69.56	ng	-0.02
79) Terphenyl-d14	20.03	244	739102	81.16	ng	-0.01
Target Compounds						
10) Phenol	7.23	94	5112	2.327	ng	90
19) n-Nitroso-di-n-propylamine	9.22	70	19030	13.101	ng	# 60
50) Dimethylphthalate	14.13	163	18339	2.627	ng	97
51) 2,6-Dinitrotoluene	14.68	165	10809	6.833	ng	# 19
57) 2,4-Dinitrotoluene	14.68	165	10809	4.851	ng	# 21

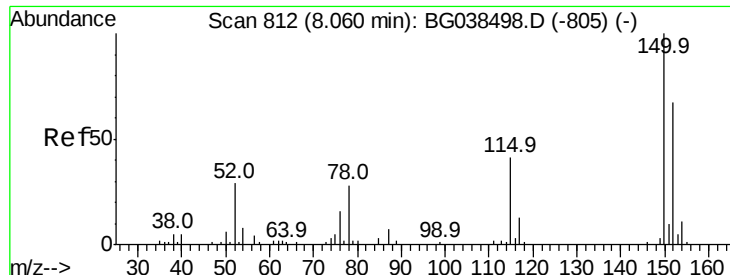
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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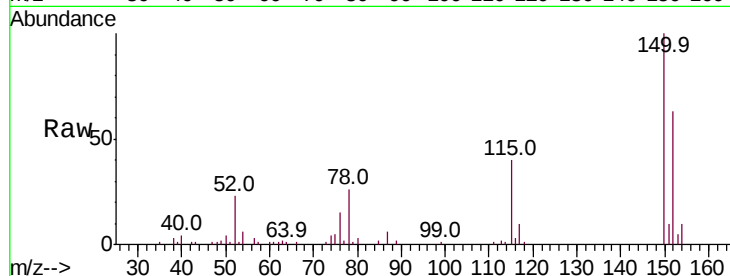


#1

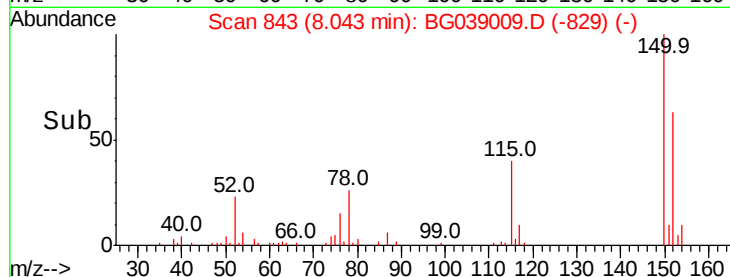
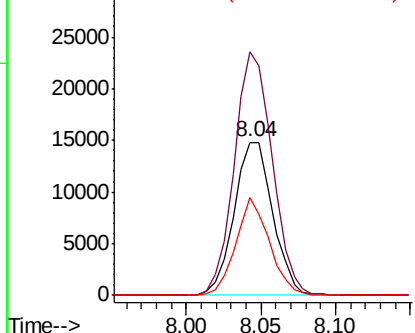
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.02 min
Lab File: BG039009.D
Acq: 9 Jan 2019 1:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 26721
Ion Ratio Lower Upper
152 100
150 158.8 119.5 179.3
115 63.5 49.6 74.4



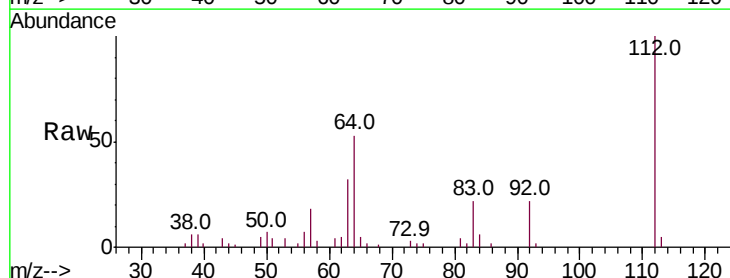
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



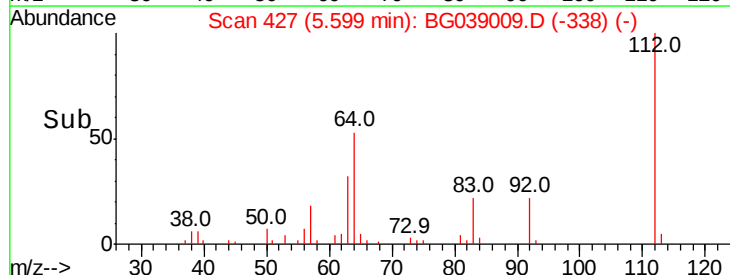
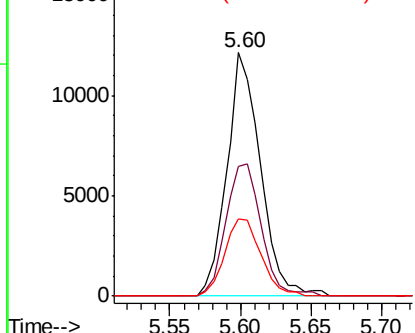
#5

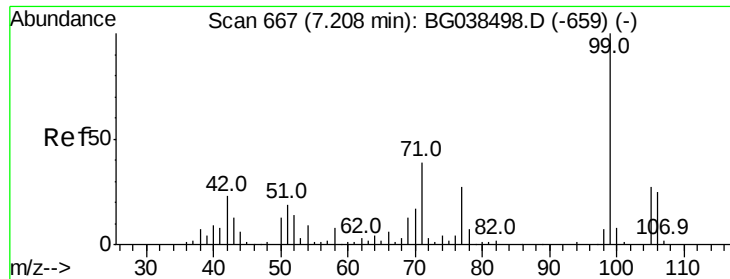
2-Fluorophenol
Concen: 13.324 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.00 min
Lab File: BG039009.D
Acq: 9 Jan 2019 1:05

Tgt Ion:112 Resp: 20073
Ion Ratio Lower Upper
112 100
64 53.3 53.4 80.2#
63 31.8 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: 59.138 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG039009.D

Acq: 9 Jan 2019 1:05

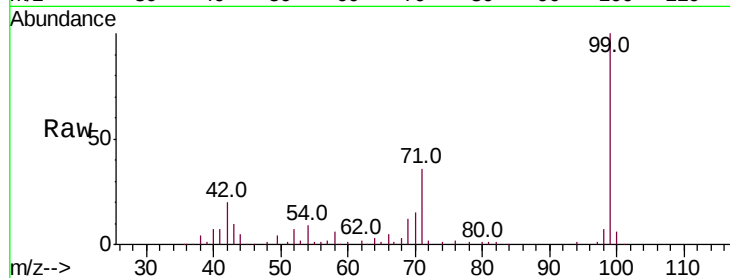
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 122310

Ion	Ratio	Lower	Upper
99	100		
42	20.1	18.5	27.7
71	36.2	31.1	46.7

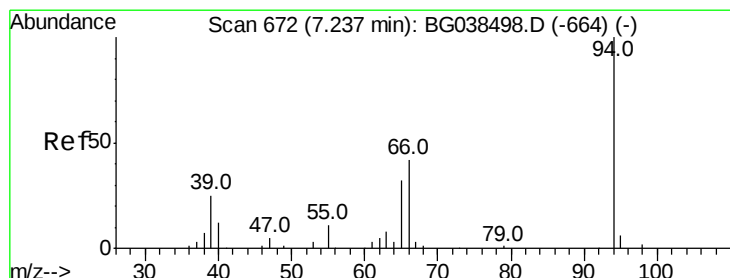
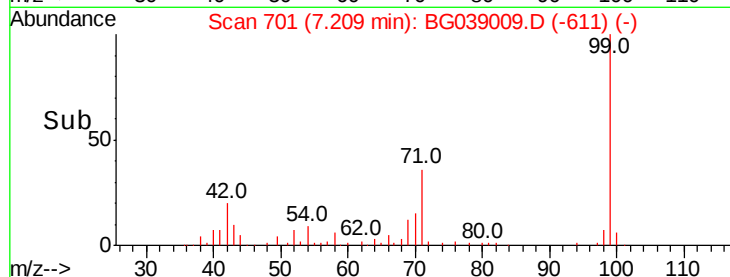
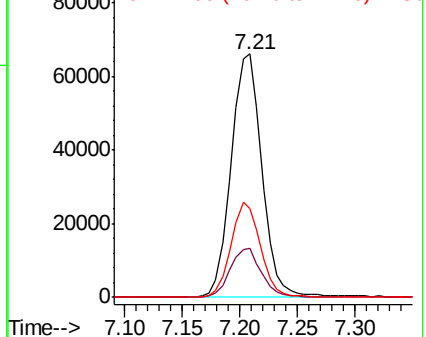


Abundance

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: 2.327 ng

RT: 7.23 min Scan# 705

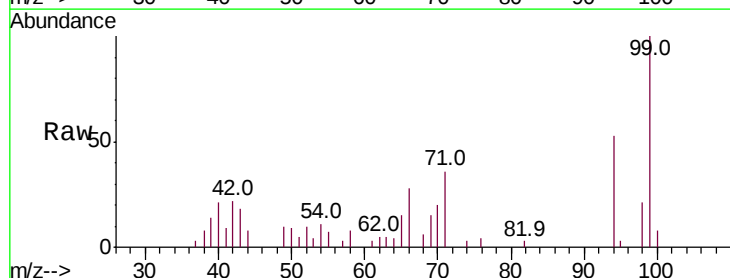
Delta R.T. -0.00 min

Lab File: BG039009.D

Acq: 9 Jan 2019 1:05

Tgt Ion: 94 Resp: 5112

Ion	Ratio	Lower	Upper
94	100		
65	28.5	12.6	52.6
66	52.1	24.1	64.1

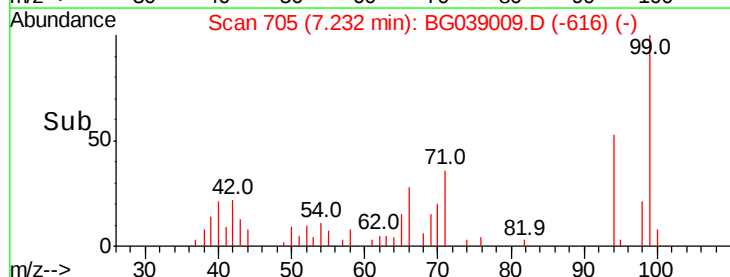
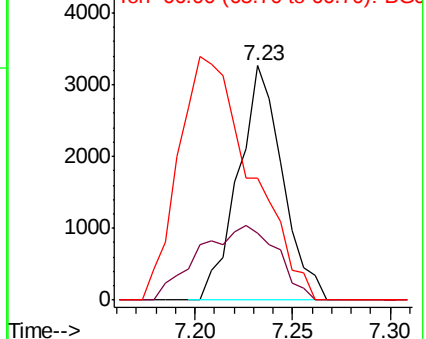


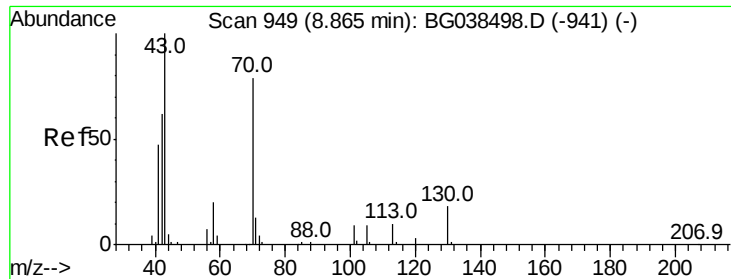
Abundance

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: 13.101 ng

RT: 9.22 min Scan# 1044

Delta R.T. 0.36 min

Lab File: BG039009.D

Acq: 9 Jan 2019 1:05

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 19030

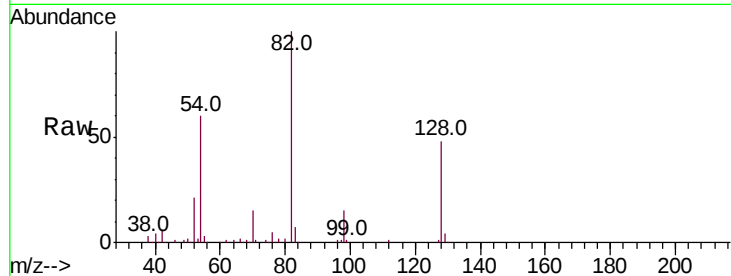
Ion Ratio Lower Upper

70 100

42 44.2 63.6 95.4#

101 0.0 9.2 13.8#

130 2.5 18.5 27.7#

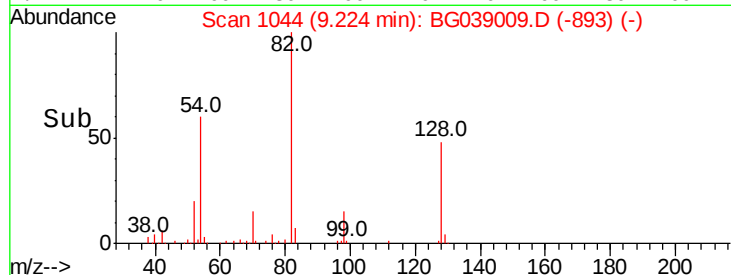


Abundance Ion 70.00 (69.70 to 70.70): BGC

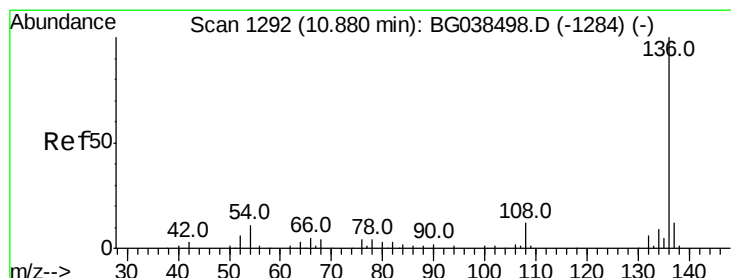
Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG039009.D

Acq: 9 Jan 2019 1:05

Tgt Ion: 136 Resp: 115384

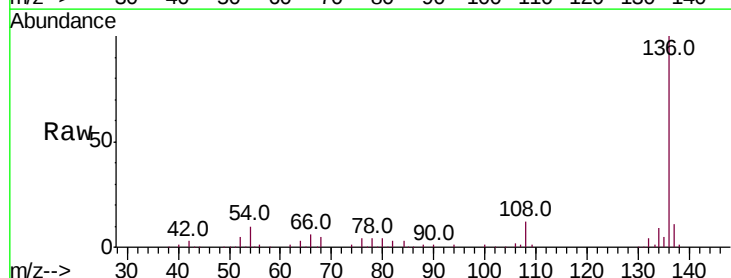
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 10.3 8.5 12.7

68 4.5 3.5 5.3

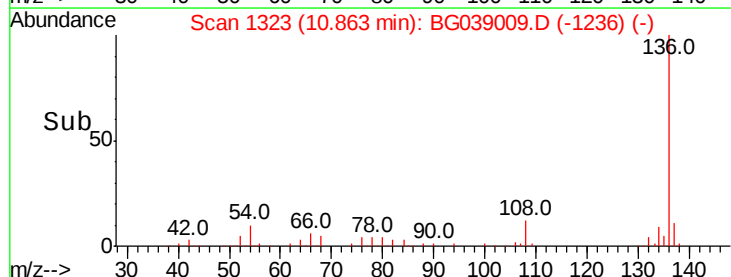


Abundance Ion 136.00 (135.70 to 136.70): BGC

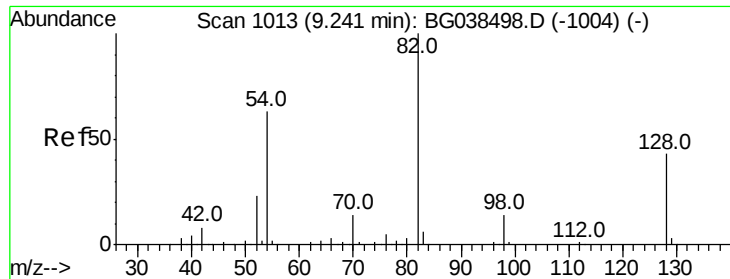
Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



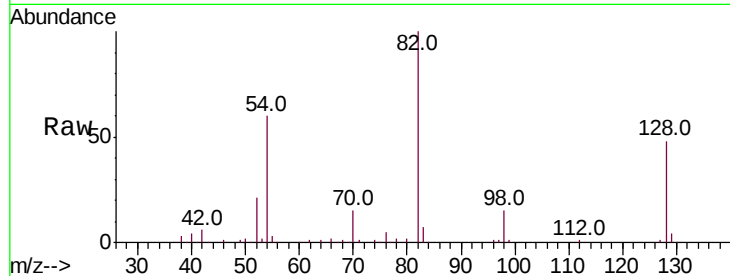
Time-->



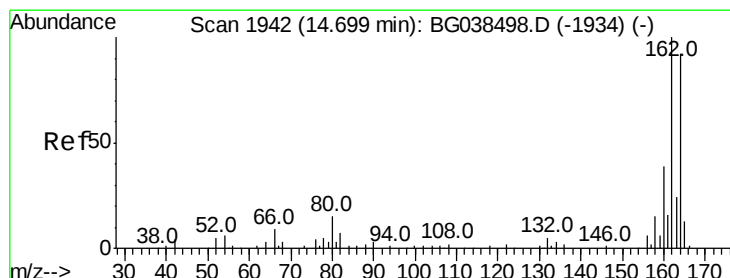
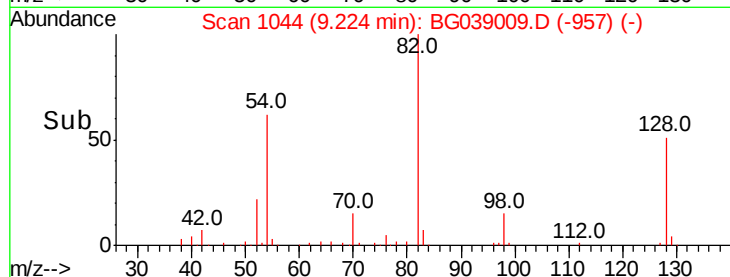
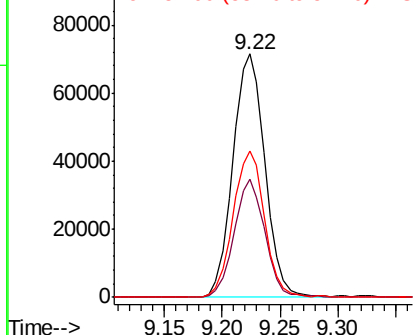
#23
Nitrobenzene-d5
Concen: 60.941 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG039009.D
Acq: 9 Jan 2019 1:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 137640
Ion Ratio Lower Upper
82 100
128 48.4 34.6 52.0
54 60.2 50.6 76.0

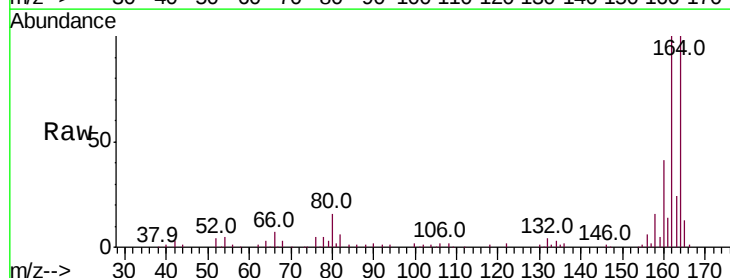


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

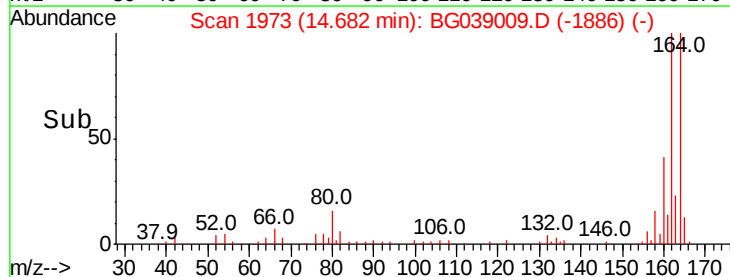
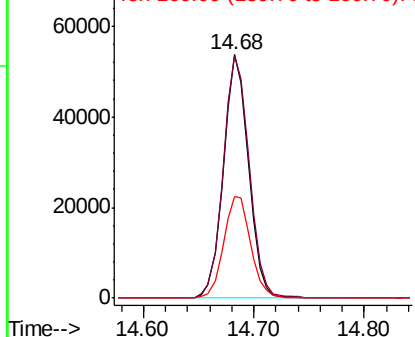


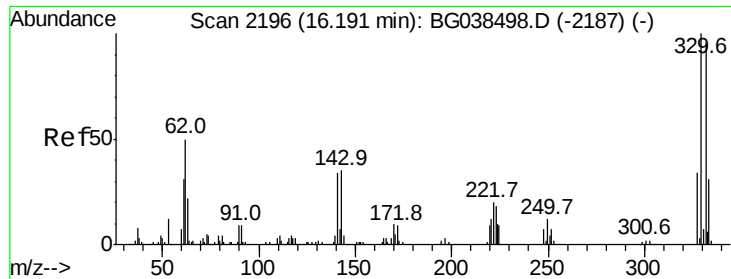
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG039009.D
Acq: 9 Jan 2019 1:05

Tgt Ion:164 Resp: 85482
Ion Ratio Lower Upper
164 100
162 99.6 86.6 130.0
160 41.5 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

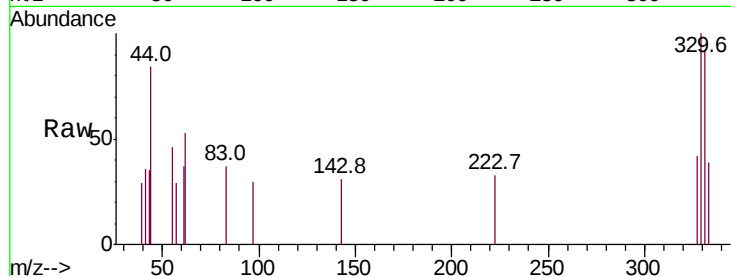




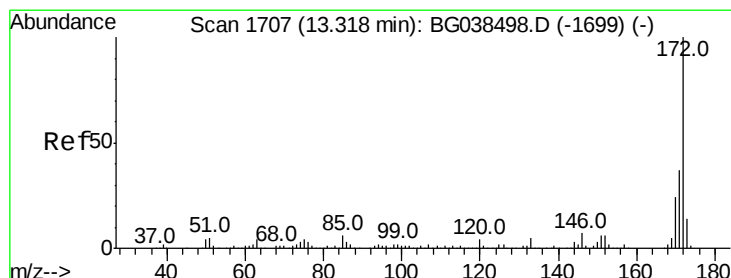
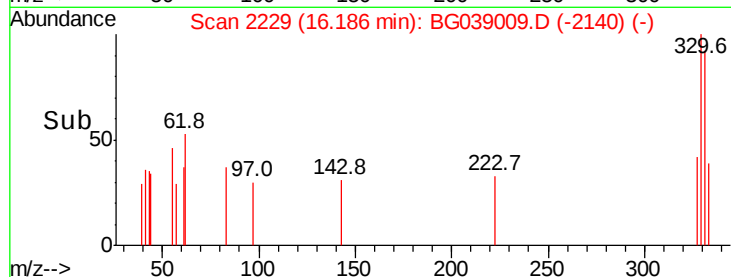
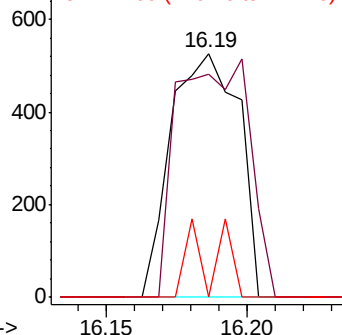
#42
 2,4,6-Tribromophenol
 Concen: 0.745 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG039009.D
 Acq: 9 Jan 2019 1:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 878
 Ion Ratio Lower Upper
 330 100
 332 103.2 76.9 115.3
 141 13.6 28.8 43.2#

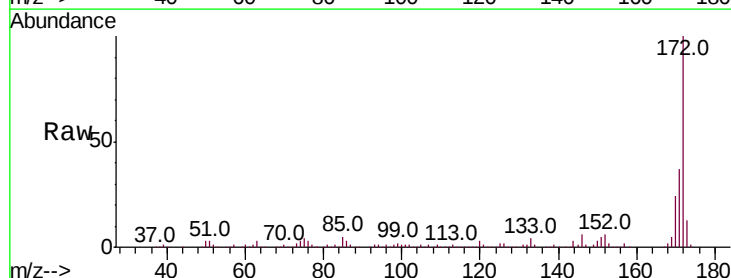


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

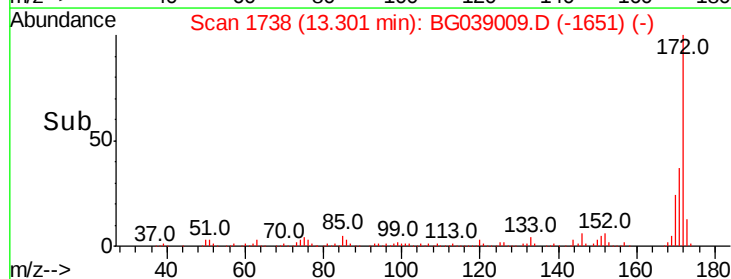
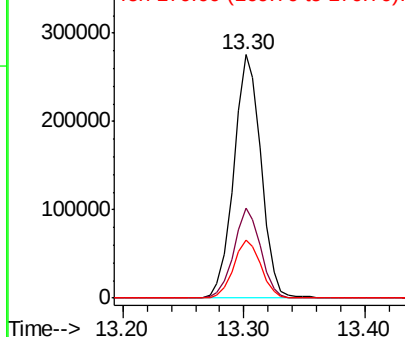


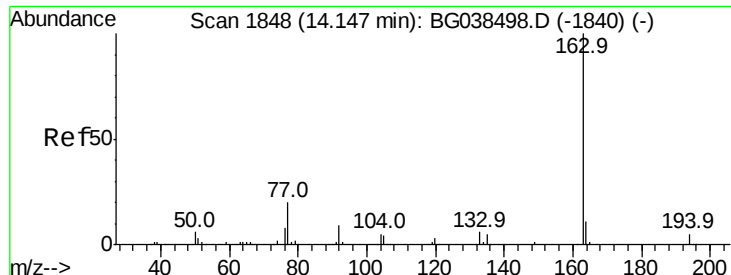
#45
 2-Fluorobiphenyl
 Concen: 69.562 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG039009.D
 Acq: 9 Jan 2019 1:05

Tgt Ion:172 Resp: 433451
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.8 44.6
 170 23.6 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: 2.627 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG039009.D

Acq: 9 Jan 2019 1:05

Instrument :

BNA_G

ClientSampled :

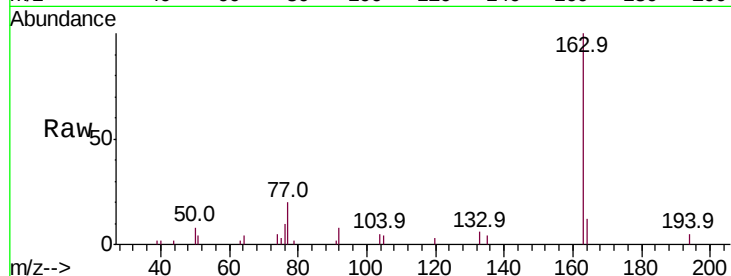
Tot Ion:163 Resp: 18339

Ion Ratio Lower Upper

163 100

194 4.6 3.7 5.5

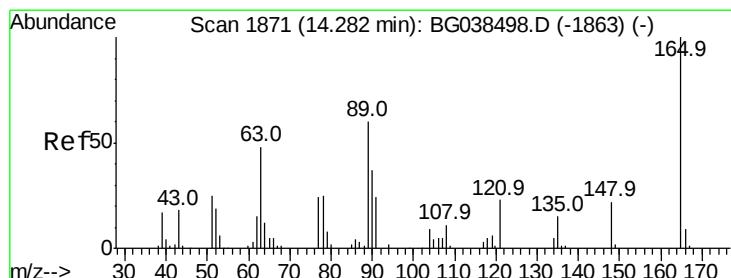
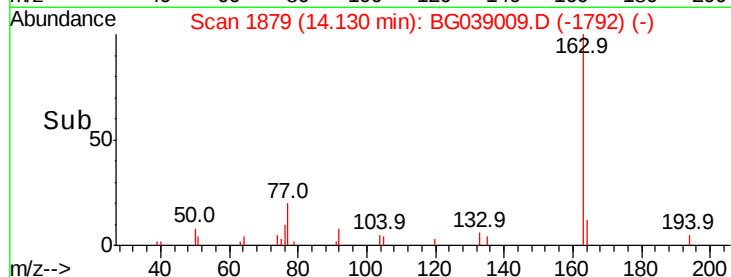
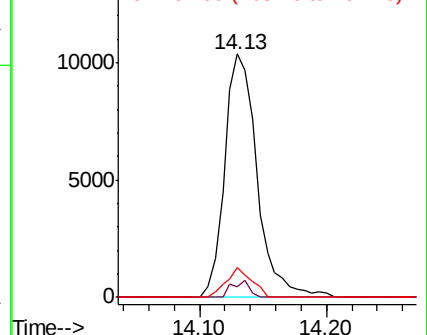
164 12.2 8.6 12.8



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: 6.833 ng

RT: 14.68 min Scan# 1973

Delta R.T. 0.40 min

Lab File: BG039009.D

Acq: 9 Jan 2019 1:05

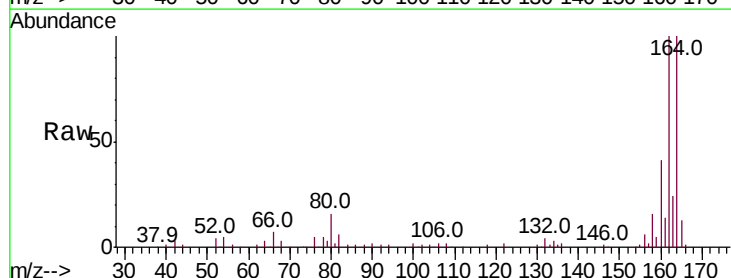
Tgt Ion:165 Resp: 10809

Ion Ratio Lower Upper

165 100

63 0.0 51.8 77.6#

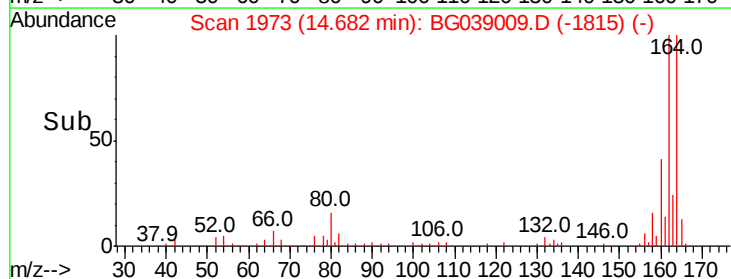
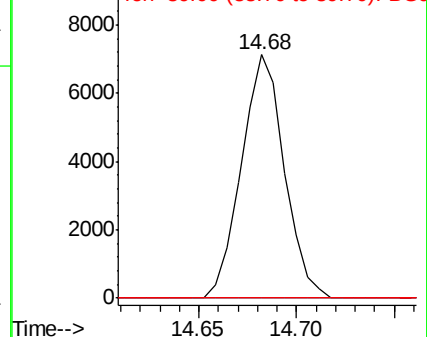
89 0.0 47.9 71.9#

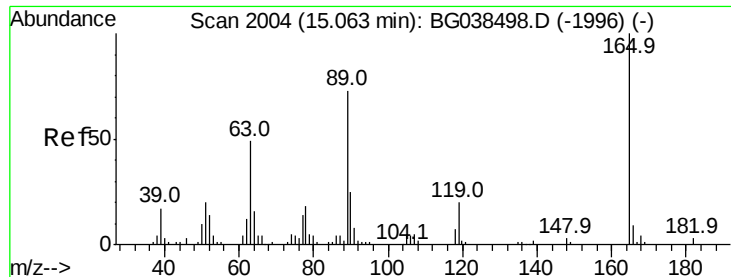


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

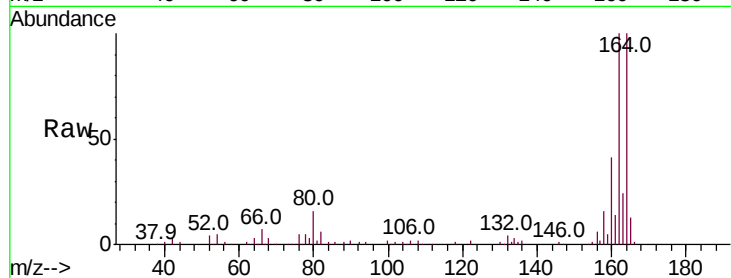




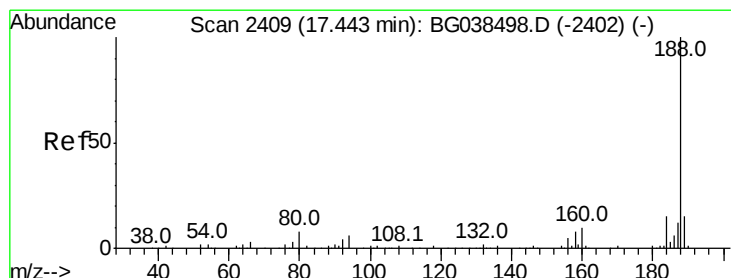
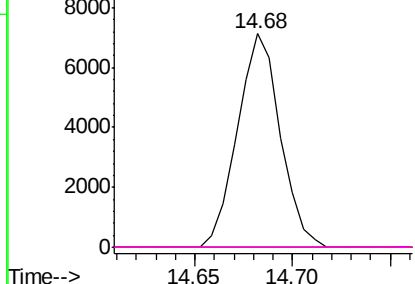
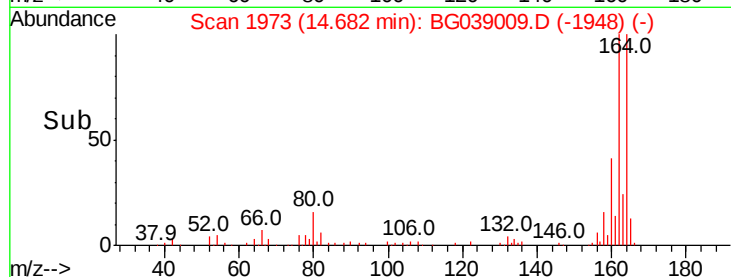
#57
 2,4-Dinitrotoluene
 Concen: 4.851 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.38 min
 Lab File: BG039009.D
 Acq: 9 Jan 2019 1:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 10809
 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#

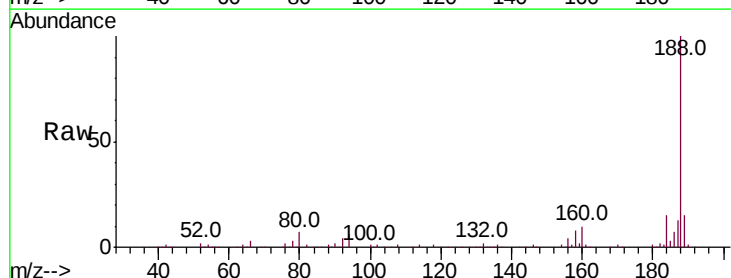


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

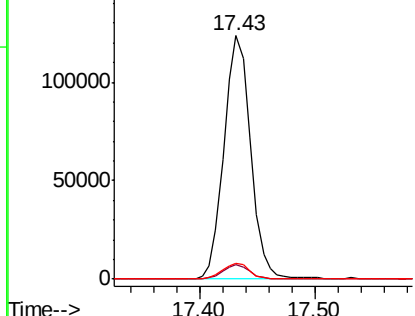
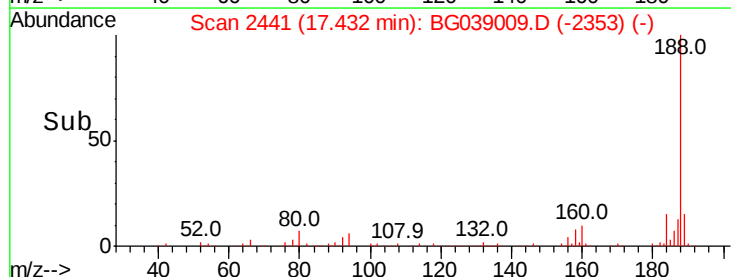


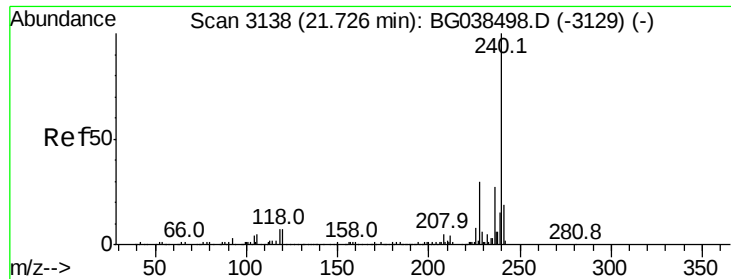
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.01 min
 Lab File: BG039009.D
 Acq: 9 Jan 2019 1:05

Tgt Ion:188 Resp: 198022
 Ion Ratio Lower Upper
 188 100
 94 6.1 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): BGC
 Ion 80.00 (79.70 to 80.70): BGC

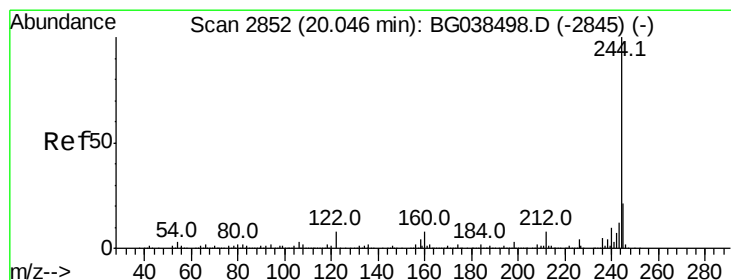
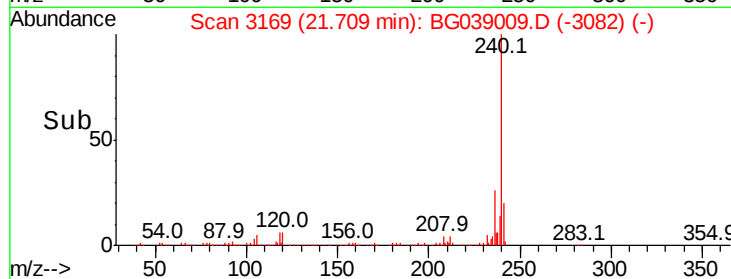
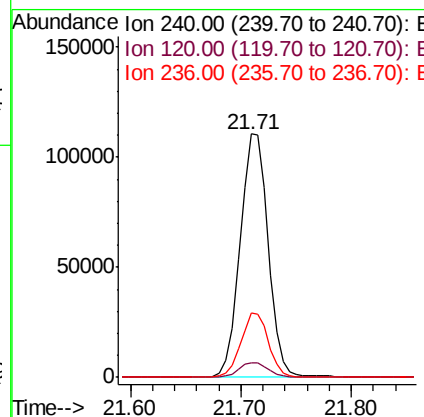
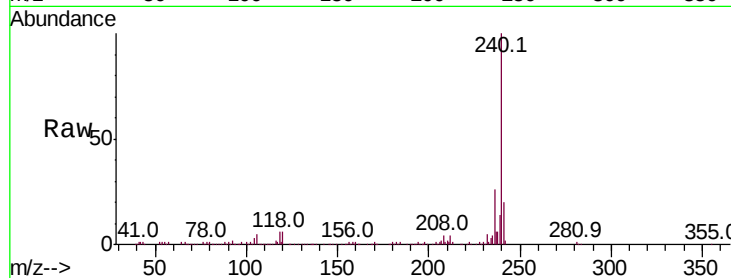




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.02 min
 Lab File: BG039009.D
 Acq: 9 Jan 2019 1:05

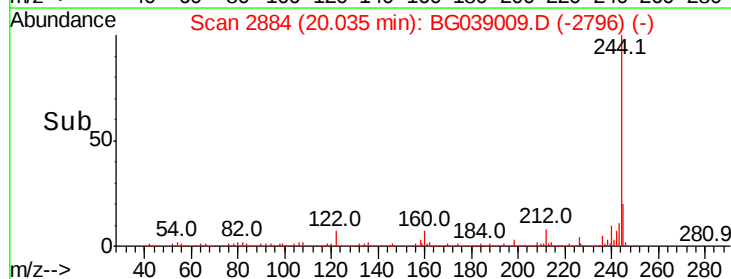
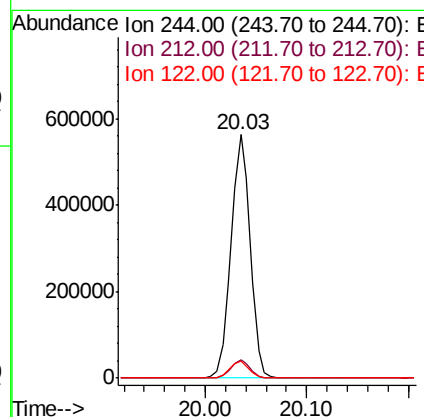
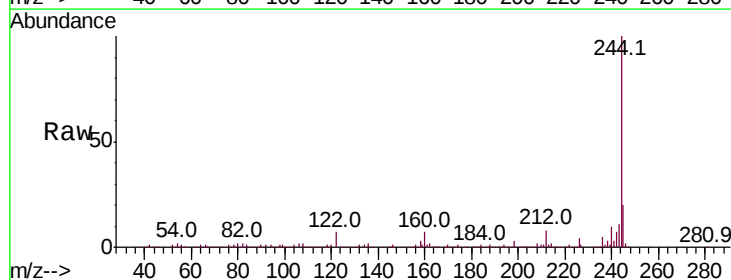
Instrument :
 BNA_G
 ClientSampled :

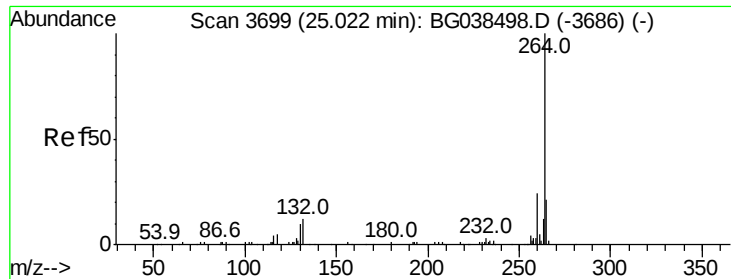
Tot Ion:240 Resp: 198199
 Ion Ratio Lower Upper
 240 100
 120 6.0 5.3 7.9
 236 26.4 21.4 32.2



#79
 Terphenyl-d14
 Concen: 81.157 ng
 RT: 20.03 min Scan# 2884
 Delta R.T. -0.01 min
 Lab File: BG039009.D
 Acq: 9 Jan 2019 1:05

Tgt Ion:244 Resp: 739102
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 6.9 6.3 9.5





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3730
Delta R.T. -0.02 min
Lab File: BG039009.D
Acq: 9 Jan 2019 1:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 211271
Ion Ratio Lower Upper
264 100
260 21.6 18.9 28.3
265 20.3 17.0 25.4

