

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031819\
 Data File : BG039989.D
 Acq On : 19 Mar 2019 3:49
 Operator : JU/SJ
 Sample : K1930-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Quant Time: Mar 19 07:52:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

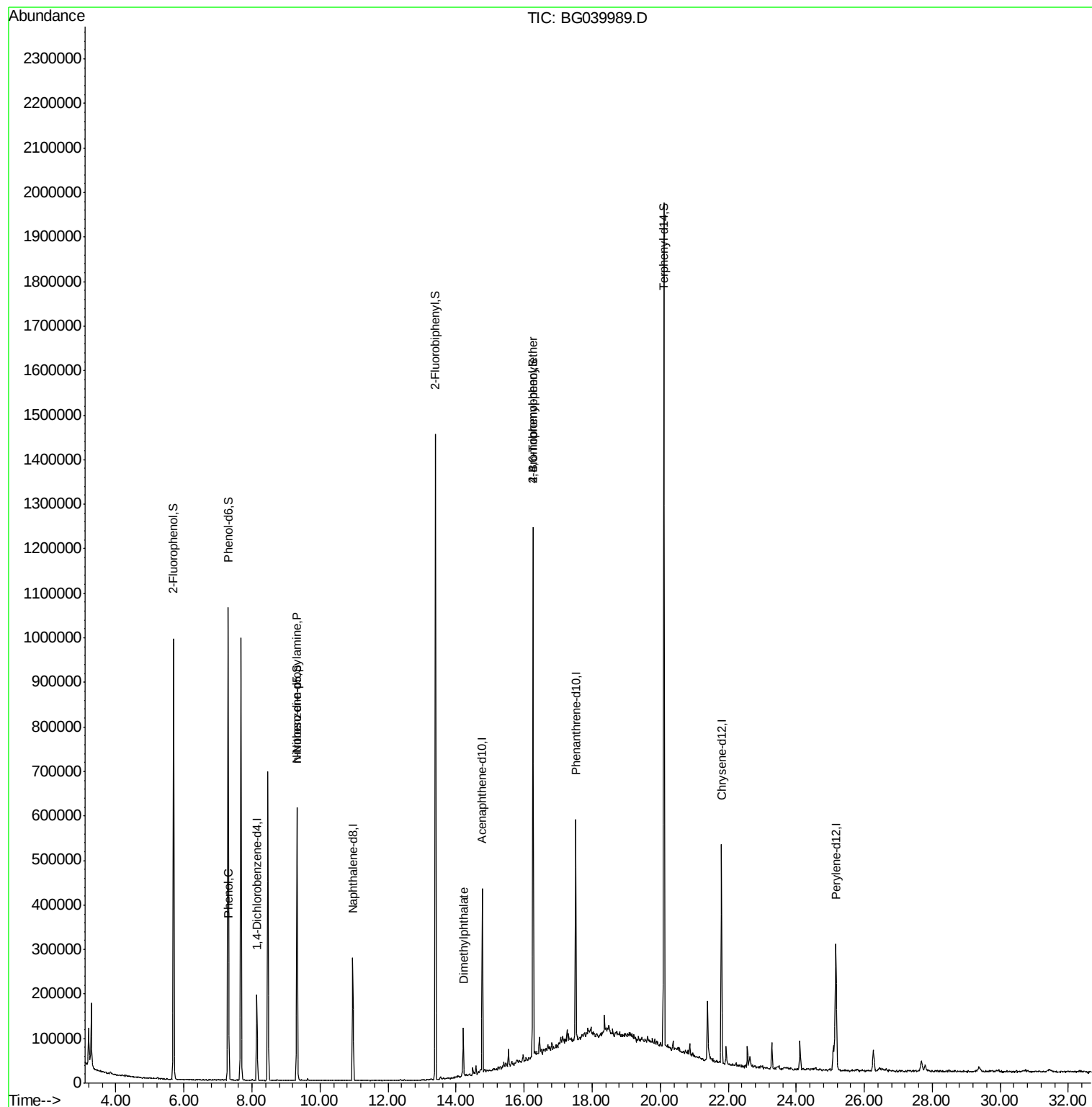
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	51264	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	225214	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	146054	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	297982	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	304127	20.00	ng	-0.02
87) Perylene-d12	25.16	264	320018	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	405881	135.07	ng	-0.01
7) Phenol-d6	7.30	99	590289	131.75	ng	-0.01
23) Nitrobenzene-d5	9.33	82	364570	87.55	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	197134	115.80	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	762791	74.36	ng	-0.02
79) Terphenyl-d14	20.11	244	890216	64.45	ng	-0.01
Target Compounds						
10) Phenol	7.32	94	9960	2.052	ng	# 66
19) n-Nitroso-di-n-propylamine	9.32	70	48389	15.005	ng	# 66
50) Dimethylphthalate	14.21	163	69054	5.654	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	15548	4.661	ng	# 1

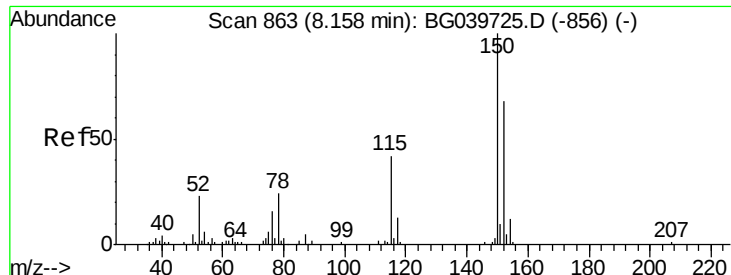
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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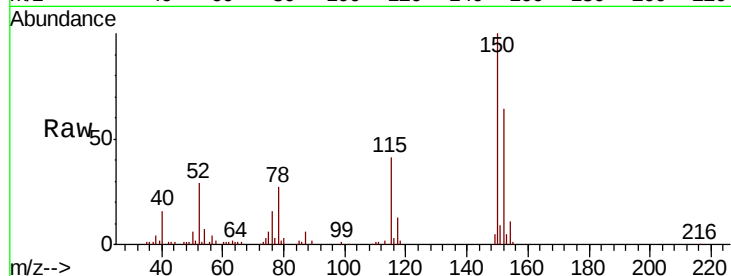


#1

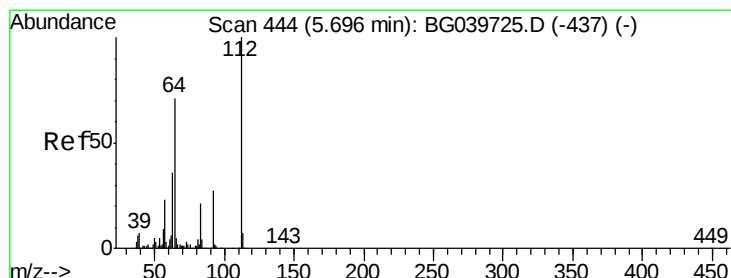
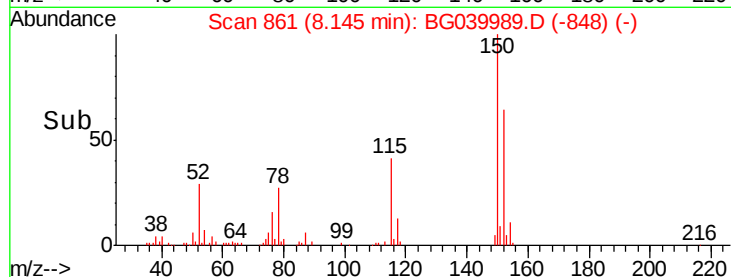
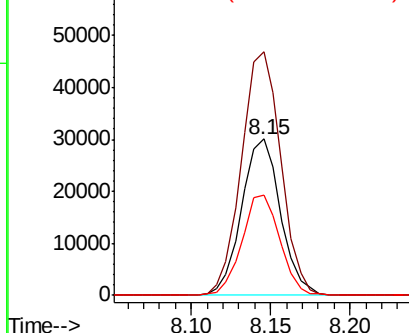
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039989.D
Acq: 19 Mar 2019 3:49

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:152 Resp: 51264
Ion Ratio Lower Upper
152 100
150 155.7 123.7 185.5
115 63.7 45.9 68.9



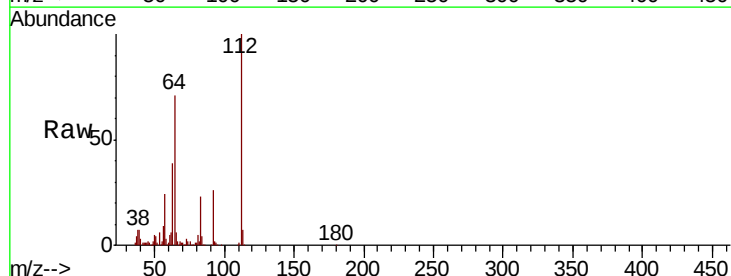
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



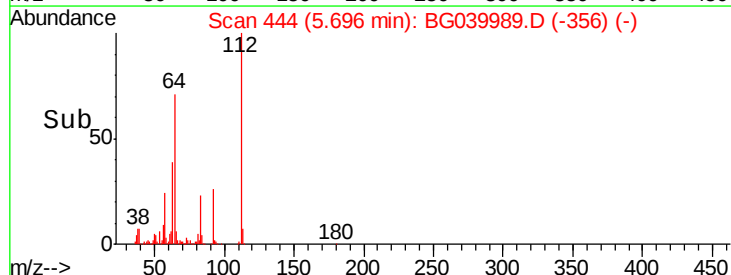
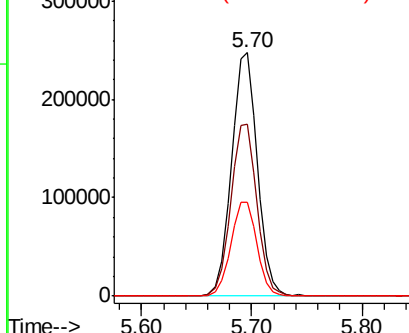
#5

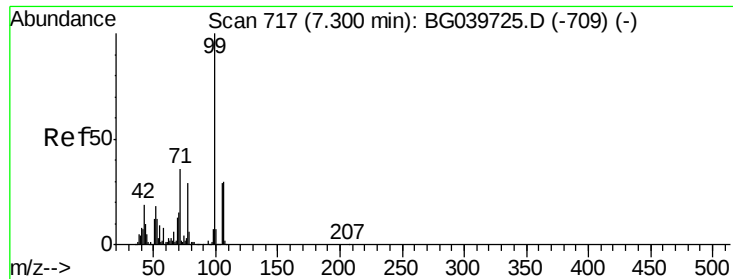
2-Fluorophenol
Concen: 135.073 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039989.D
Acq: 19 Mar 2019 3:49

Tgt Ion:112 Resp: 405881
Ion Ratio Lower Upper
112 100
64 70.8 57.8 86.8
63 38.8 29.8 44.6



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: 131.746 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039989.D

Acq: 19 Mar 2019 3:49

Instrument :

BNA_G

ClientSampleId :

TP-4

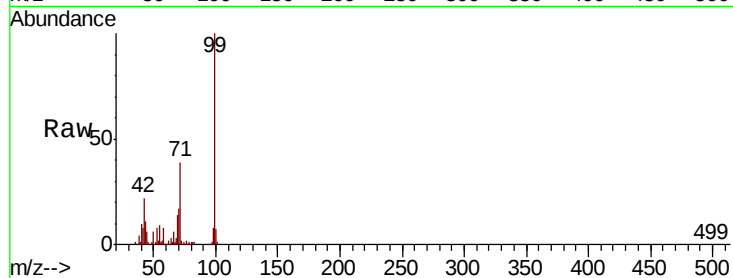
Tgt Ion: 99 Resp: 590289

Ion Ratio Lower Upper

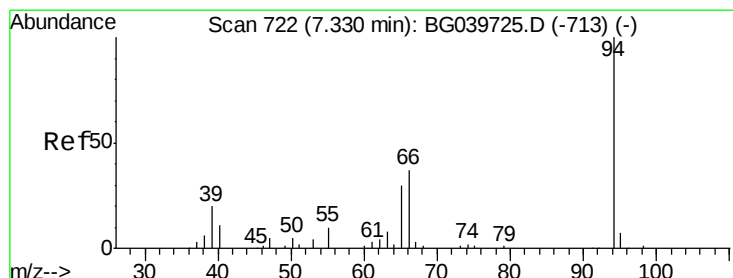
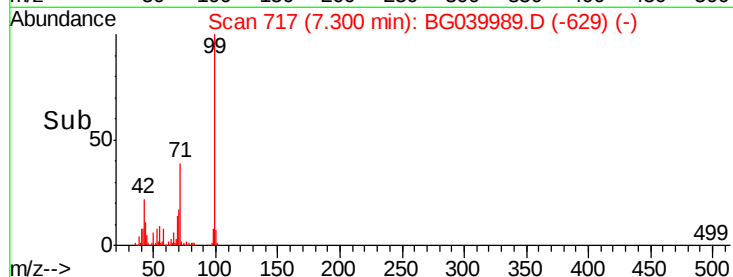
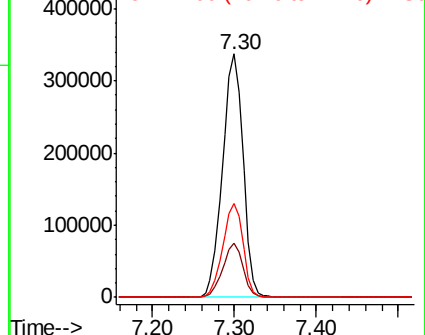
99 100

42 22.3 18.2 27.2

71 38.8 28.0 42.0



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: 2.052 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG039989.D

Acq: 19 Mar 2019 3:49

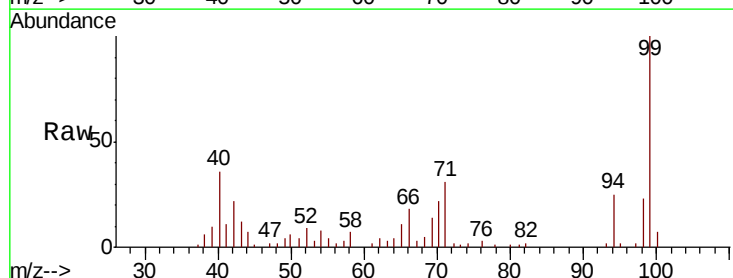
Tgt Ion: 94 Resp: 9960

Ion Ratio Lower Upper

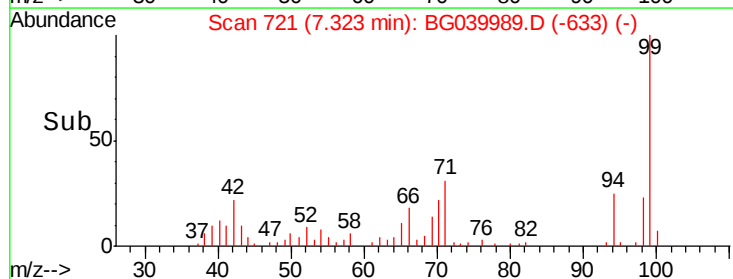
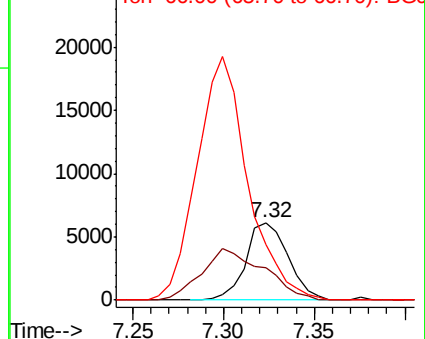
94 100

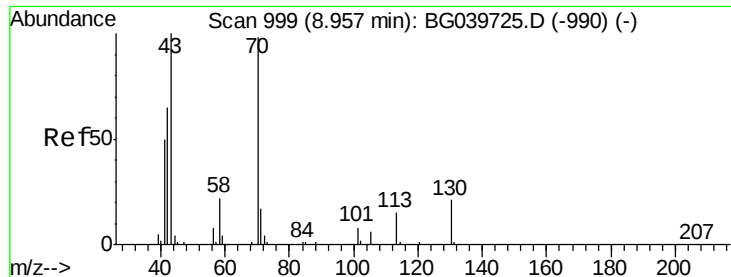
65 42.5 11.7 51.7

66 72.3 23.7 63.7#



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: 15.005 ng

RT: 9.32 min Scan# 1061

Delta R.T. 0.35 min

Lab File: BG039989.D

Acq: 19 Mar 2019 3:49

Instrument :

BNA_G

ClientSampleId :

TP-4

Tgt Ion: 70 Resp: 48389

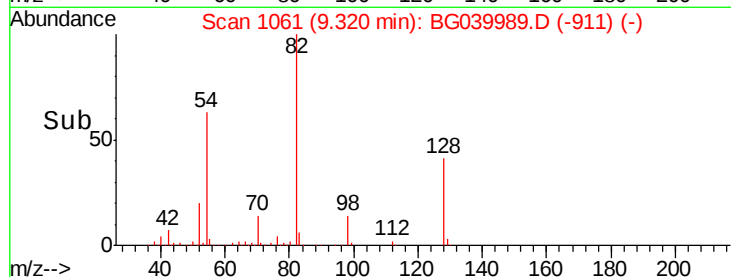
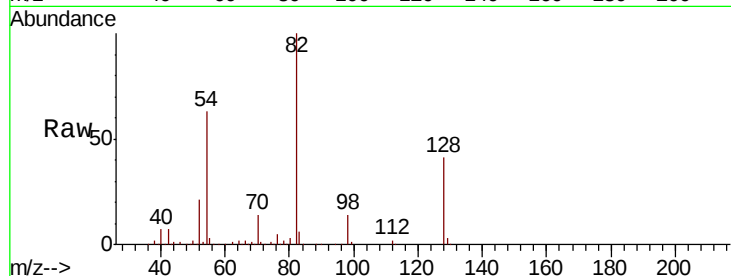
Ion Ratio Lower Upper

70 100

42 47.6 60.4 90.6#

101 0.0 7.5 11.3#

130 2.0 16.9 25.3#

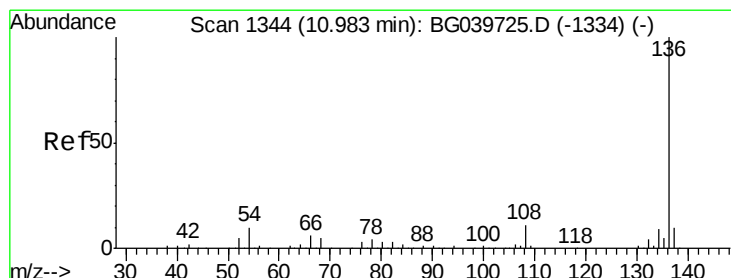
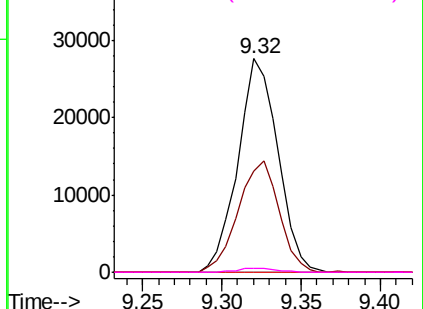


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 10.97 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BG039989.D

Acq: 19 Mar 2019 3:49

Tgt Ion: 136 Resp: 225214

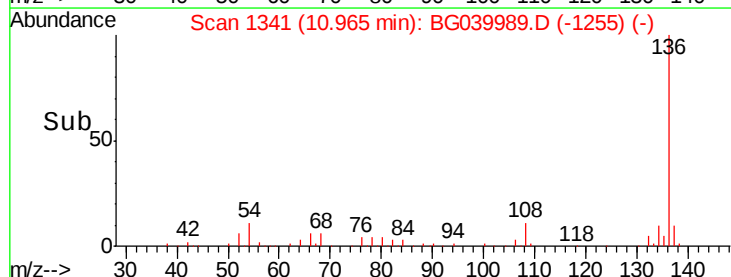
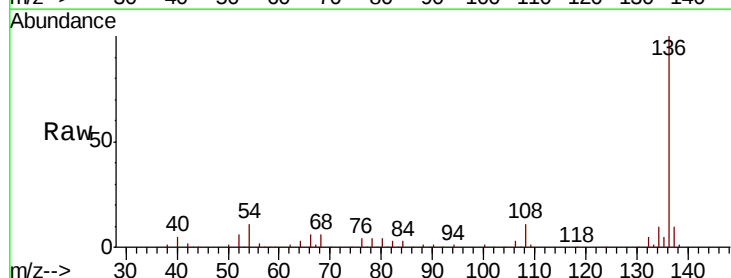
Ion Ratio Lower Upper

136 100

137 9.9 9.1 13.7

54 11.1 9.4 14.2

68 5.9 4.2 6.4

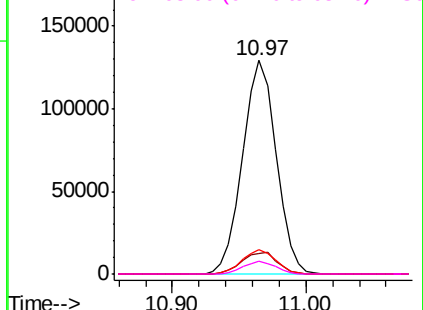


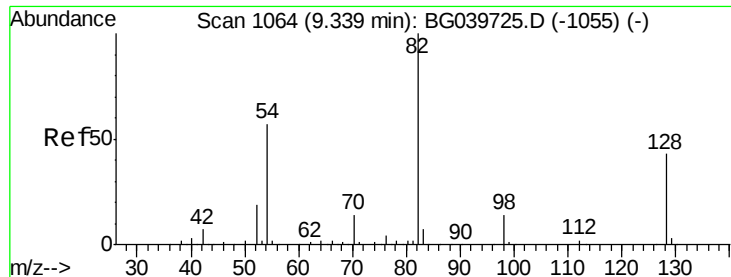
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

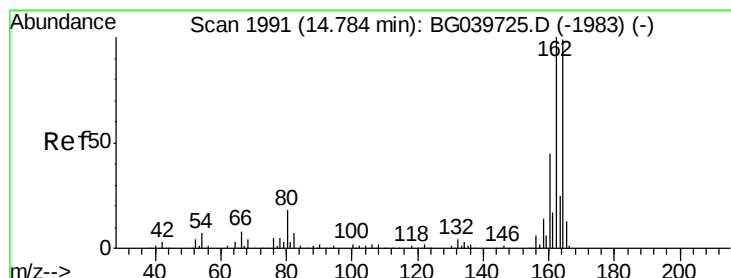
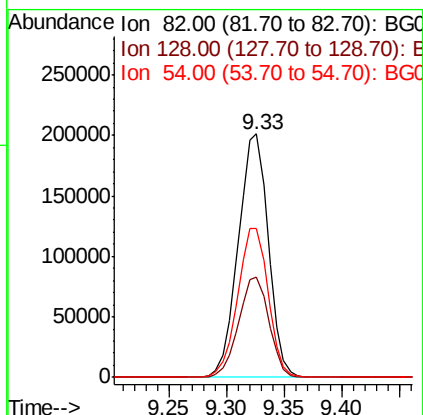
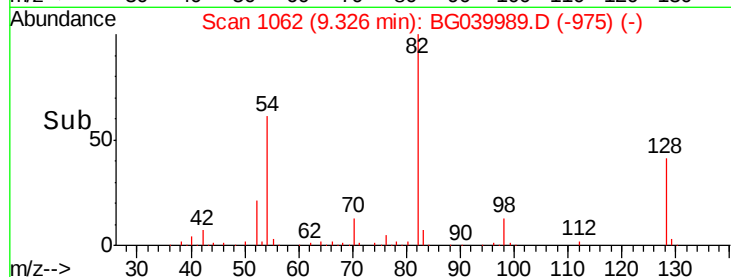
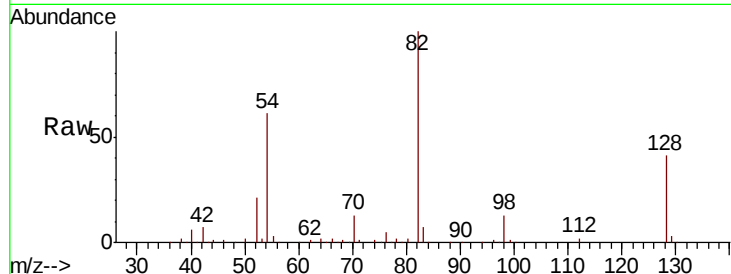




#23
Nitrobenzene-d5
Concen: 87.550 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039989.D
Acq: 19 Mar 2019 3:49

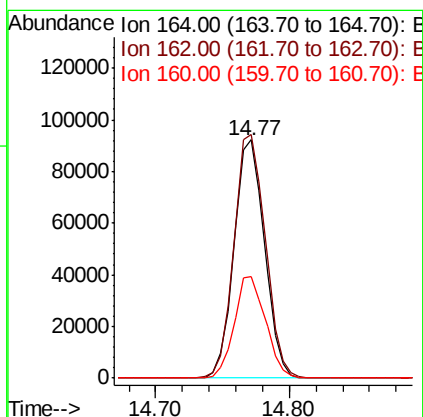
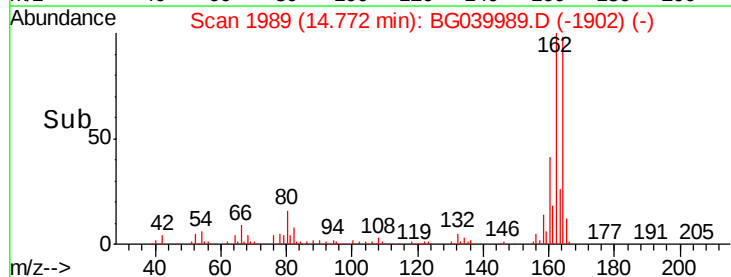
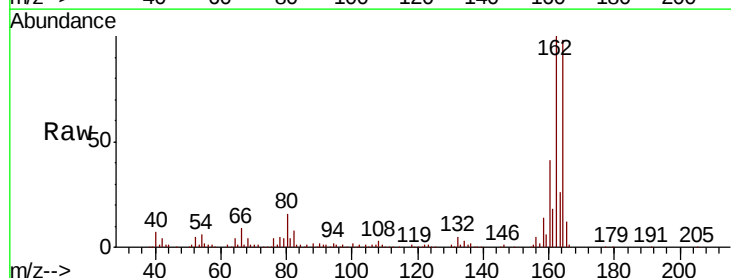
Instrument :
BNA_G
ClientSampleId :
TP-4

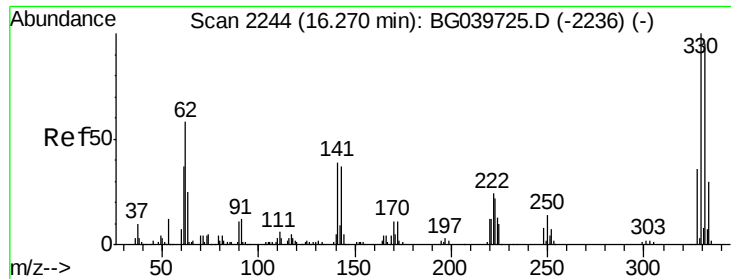
Tgt Ion: 82 Resp: 364570
Ion Ratio Lower Upper
82 100
128 41.3 31.3 46.9
54 61.2 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG039989.D
Acq: 19 Mar 2019 3:49

Tgt Ion: 164 Resp: 146054
Ion Ratio Lower Upper
164 100
162 102.1 81.6 122.4
160 42.3 34.2 51.2

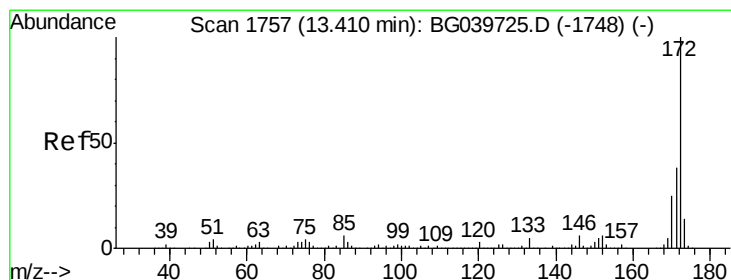
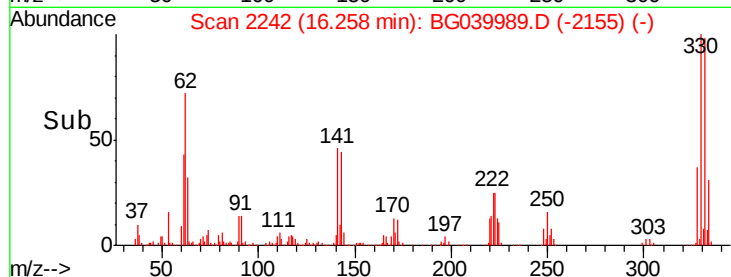
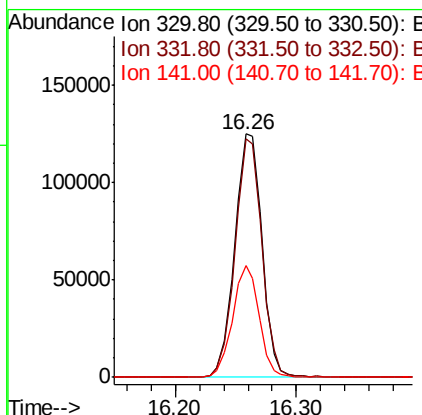
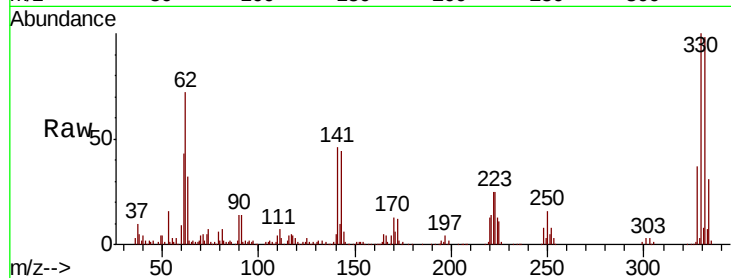




#42
 2,4,6-Tribromophenol
 Concen: 115.800 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BG039989.D
 Acq: 19 Mar 2019 3:49

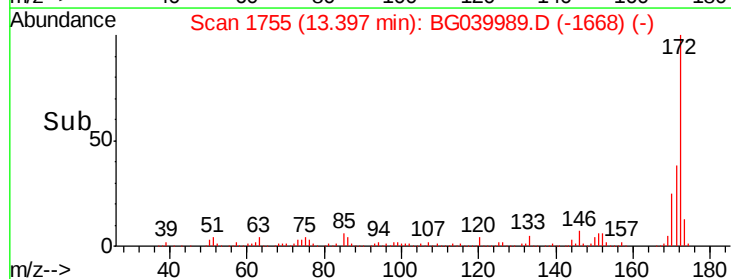
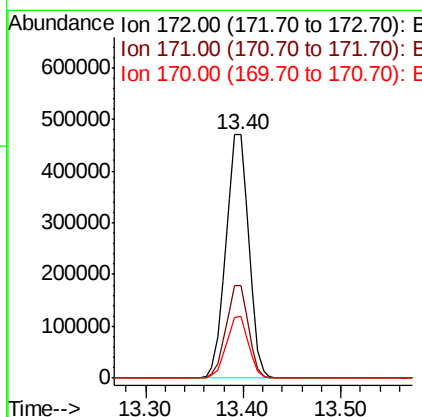
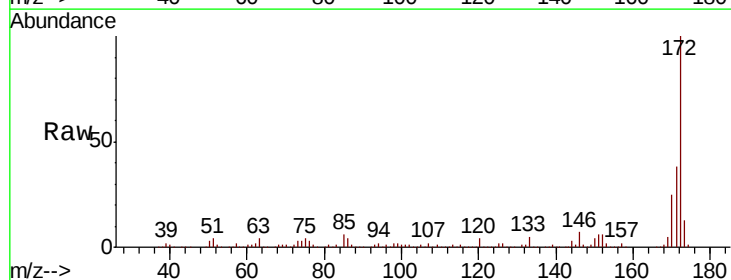
Instrument :
 BNA_G
 ClientSampleId :
 TP-4

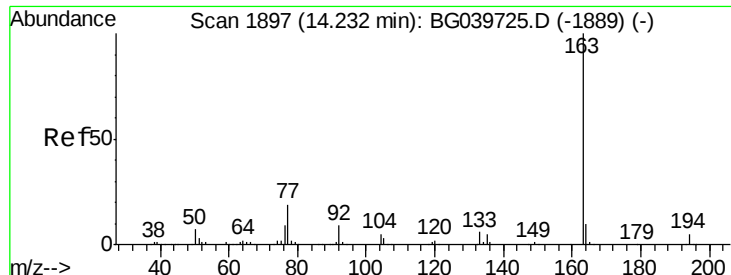
Tgt Ion:330 Resp: 197134
 Ion Ratio Lower Upper
 330 100
 332 96.5 75.7 113.5
 141 44.7 35.6 53.4



#45
 2-Fluorobiphenyl
 Concen: 74.362 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG039989.D
 Acq: 19 Mar 2019 3:49

Tgt Ion:172 Resp: 762791
 Ion Ratio Lower Upper
 172 100
 171 37.9 30.8 46.2
 170 25.3 20.2 30.4





#50

Dimethylphthalate

Concen: 5.654 ng

RT: 14.21 min Scan# 1894

Delta R.T. -0.02 min

Lab File: BG039989.D

Acq: 19 Mar 2019 3:49

Instrument :

BNA_G

ClientSampleId :

TP-4

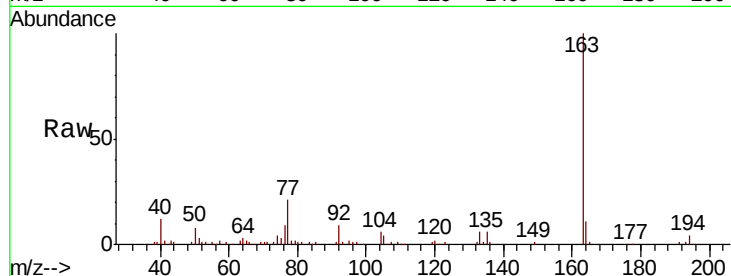
Tgt Ion:163 Resp: 69054

Ion Ratio Lower Upper

163 100

194 3.9 3.6 5.4

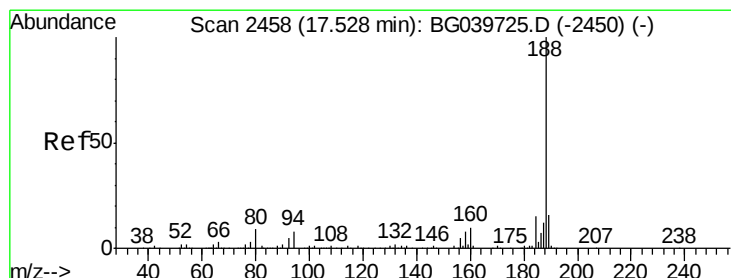
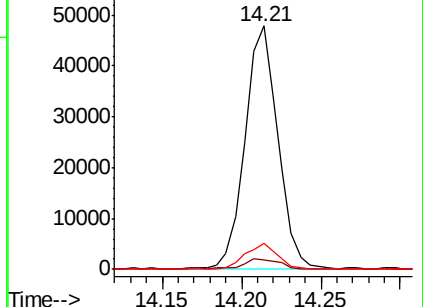
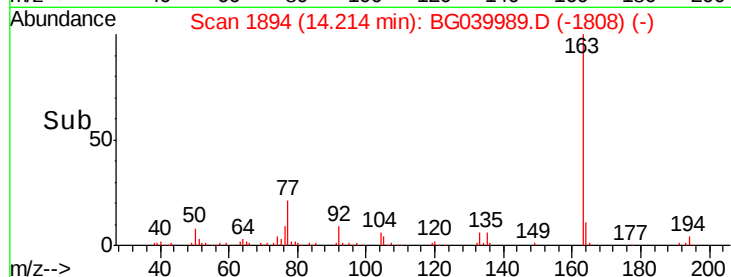
164 10.5 8.4 12.6



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG039989.D

Acq: 19 Mar 2019 3:49

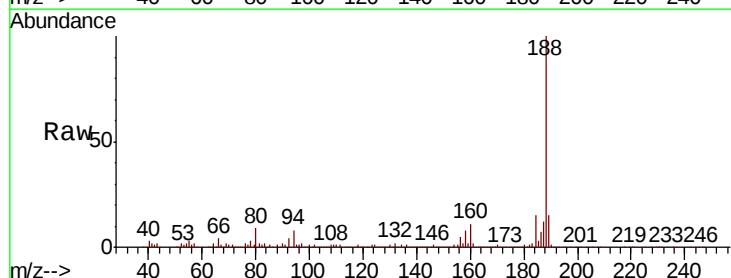
Tgt Ion:188 Resp: 297982

Ion Ratio Lower Upper

188 100

94 7.6 6.9 10.3

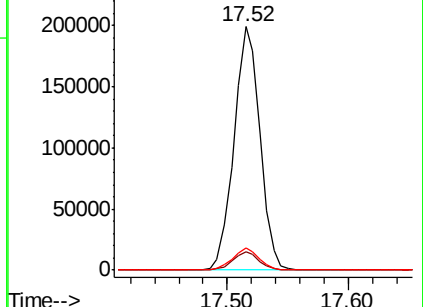
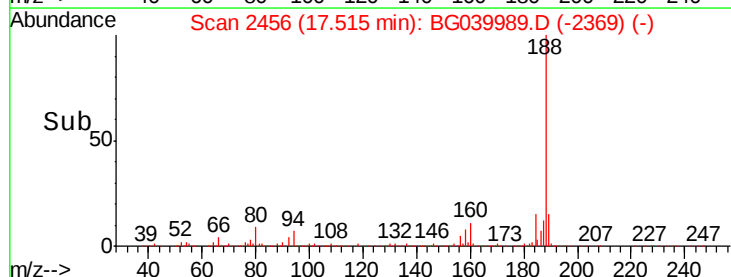
80 9.3 8.1 12.1

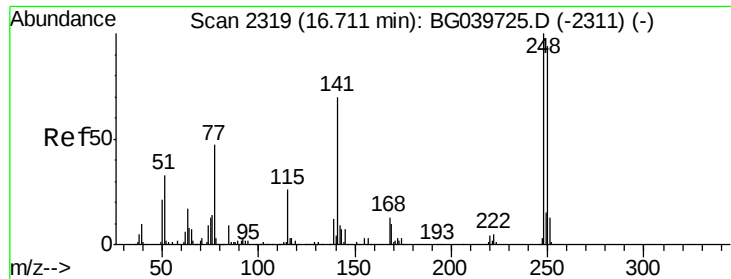


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

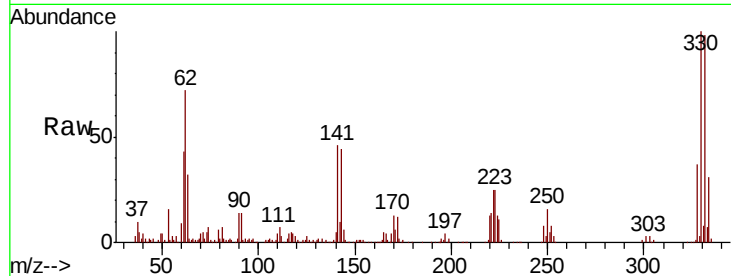




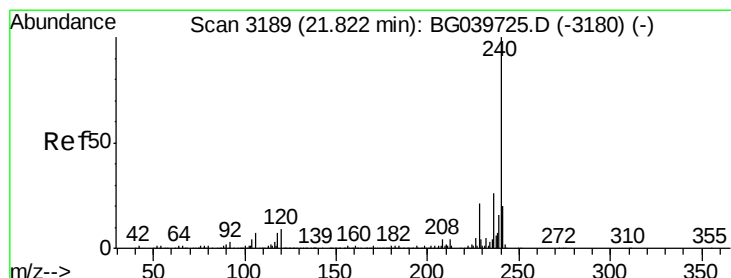
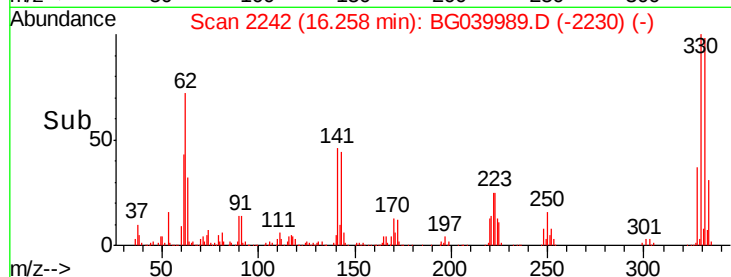
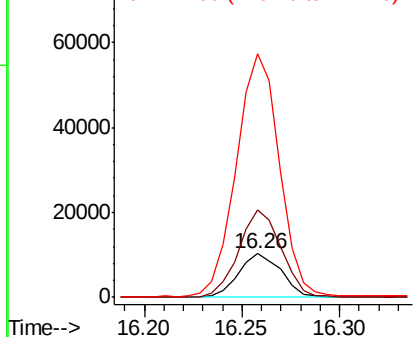
#67
 4-Bromophenyl-phenylether
 Concen: 4.661 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.46 min
 Lab File: BG039989.D
 Acq: 19 Mar 2019 3:49

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Tgt Ion:248 Resp: 15548
 Ion Ratio Lower Upper
 248 100
 250 198.8 77.6 116.4#
 141 555.2 63.9 95.9#

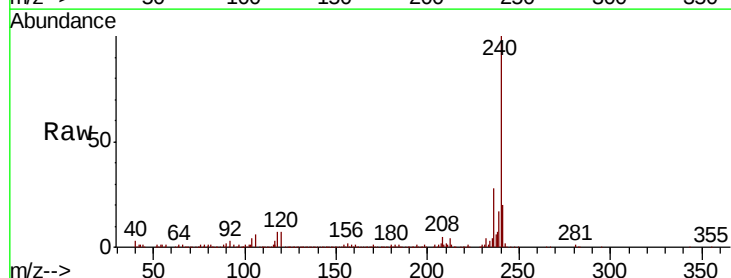


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

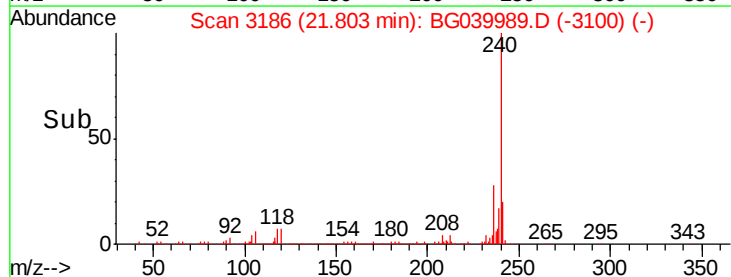
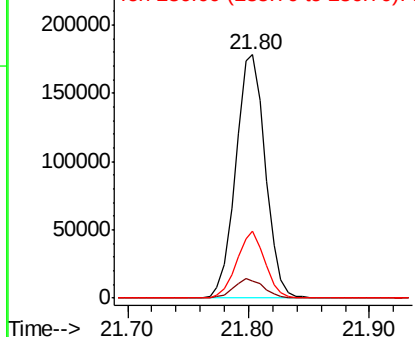


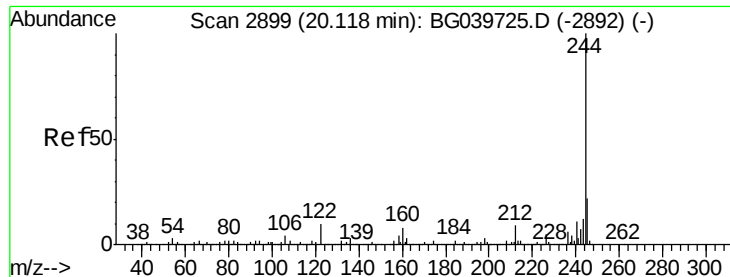
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.80 min Scan# 3186
 Delta R.T. -0.02 min
 Lab File: BG039989.D
 Acq: 19 Mar 2019 3:49

Tgt Ion:240 Resp: 304127
 Ion Ratio Lower Upper
 240 100
 120 7.2 7.0 10.6
 236 27.6 21.0 31.4



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: 64.449 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039989.D

Acq: 19 Mar 2019 3:49

Instrument :

BNA_G

ClientSampleId :

TP-4

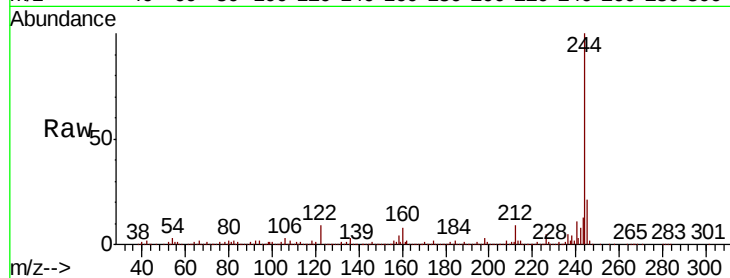
Tgt Ion:244 Resp: 890216

Ion Ratio Lower Upper

244 100

212 9.0 7.3 10.9

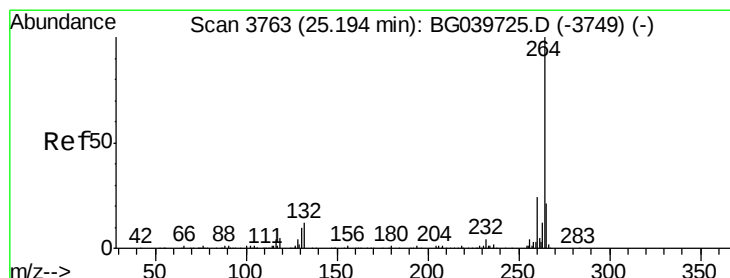
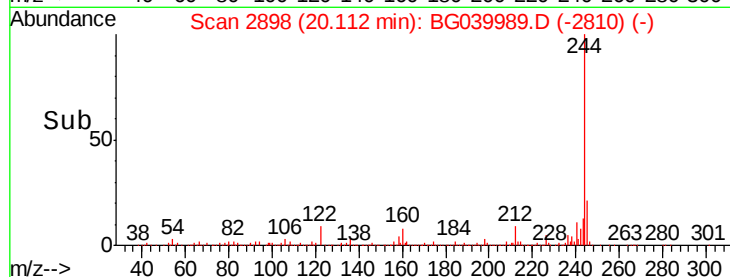
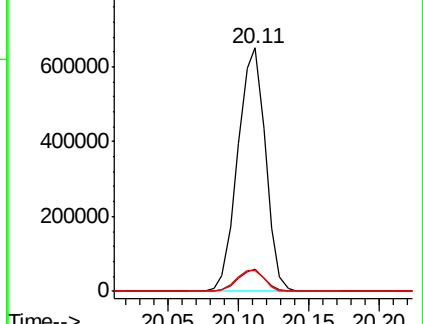
122 8.6 8.4 12.6



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.16 min Scan# 3758

Delta R.T. -0.04 min

Lab File: BG039989.D

Acq: 19 Mar 2019 3:49

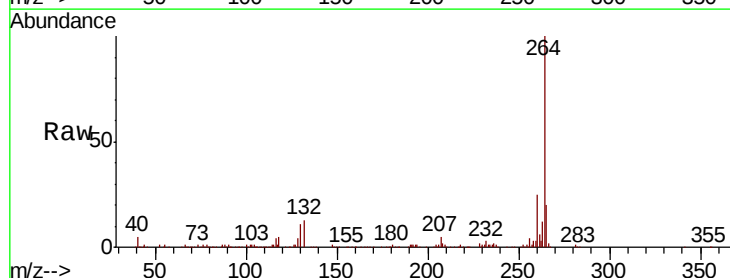
Tgt Ion:264 Resp: 320018

Ion Ratio Lower Upper

264 100

260 24.9 18.2 27.4

265 19.5 18.5 27.7



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

