

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031819\
 Data File : BG039988.D
 Acq On : 19 Mar 2019 3:09
 Operator : JU/SJ
 Sample : K1930-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Quant Time: Mar 19 07:52:32 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

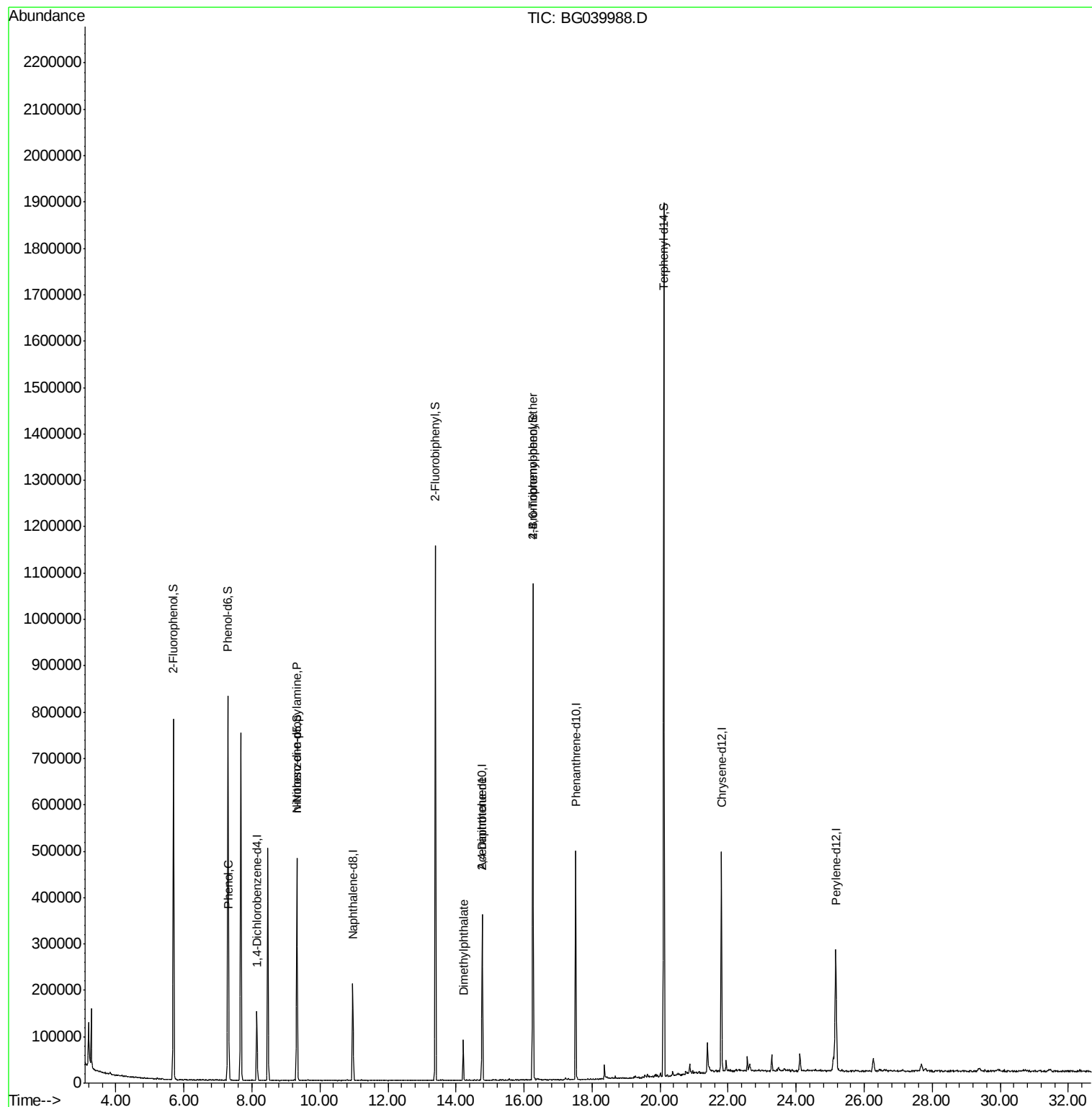
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	40212	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	176652	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	124659	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	298615	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	290989	20.00	ng	-0.03
87) Perylene-d12	25.16	264	294944	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	305594	129.65	ng	-0.02
7) Phenol-d6	7.30	99	455931	129.73	ng	-0.02
23) Nitrobenzene-d5	9.32	82	278375	85.23	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	179693	123.67	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	587380	67.09	ng	-0.02
79) Terphenyl-d14	20.11	244	858709	64.98	ng	-0.02
Target Compounds						
10) Phenol	7.32	94	27586	7.245	ng	Qvalue 96
19) n-Nitroso-di-n-propylamine	9.32	70	36688	14.503	ng	# 69
50) Dimethylphthalate	14.22	163	57965	5.561	ng	# 97
57) 2,4-Dinitrotoluene	14.77	165	16708	5.381	ng	# 19
67) 4-Bromophenyl-phenylether	16.26	248	14050	4.203	ng	# 1

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

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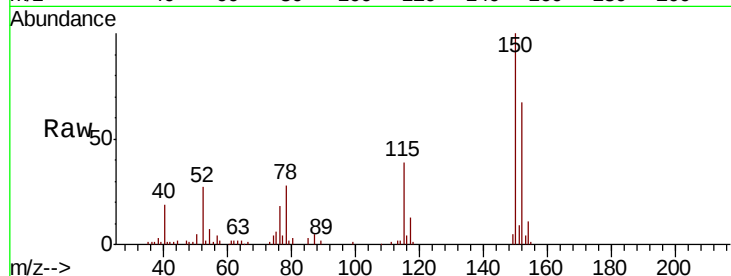


#1

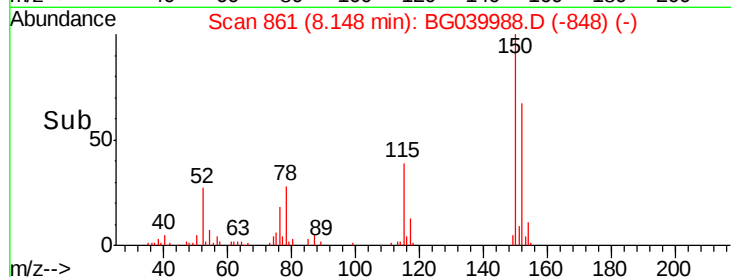
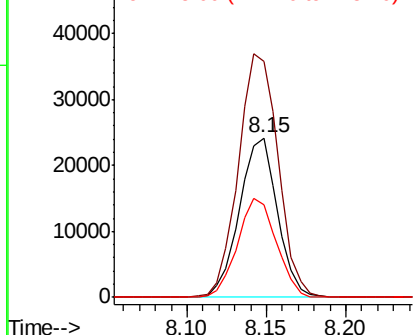
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039988.D
Acq: 19 Mar 2019 3:09

Instrument :
BNA_G
ClientSampled :
TP-3

Tgt Ion:152 Resp: 40212
Ion Ratio Lower Upper
152 100
150 148.6 123.7 185.5
115 57.9 45.9 68.9



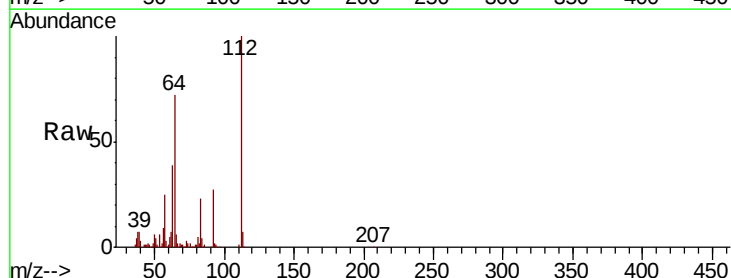
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



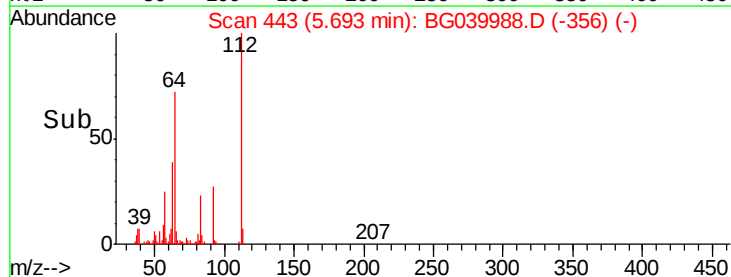
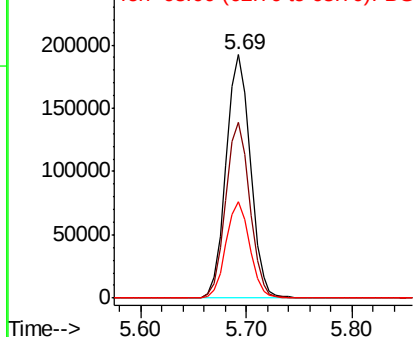
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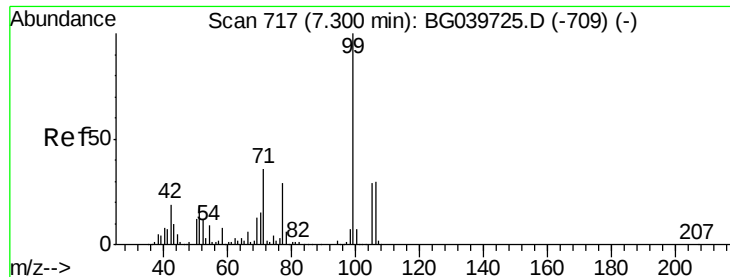
2-Fluorophenol
Concen: 129.649 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG039988.D
Acq: 19 Mar 2019 3:09

Tgt Ion:112 Resp: 305594
Ion Ratio Lower Upper
112 100
64 72.3 57.8 86.8
63 39.4 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: 129.727 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039988.D

Acq: 19 Mar 2019 3:09

Instrument :

BNA_G

ClientSampleId :

TP-3

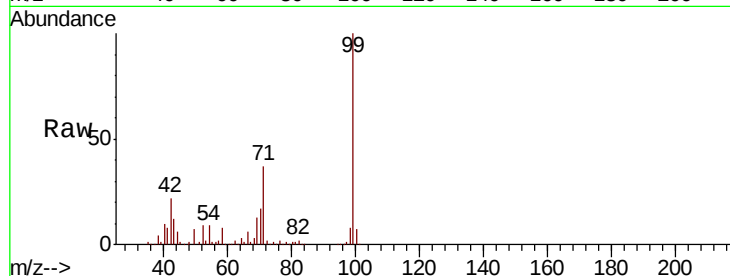
Tgt Ion: 99 Resp: 455931

Ion Ratio Lower Upper

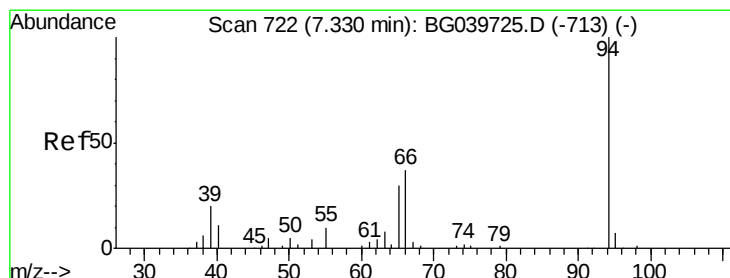
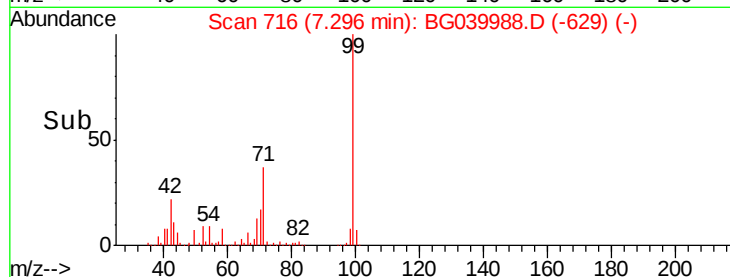
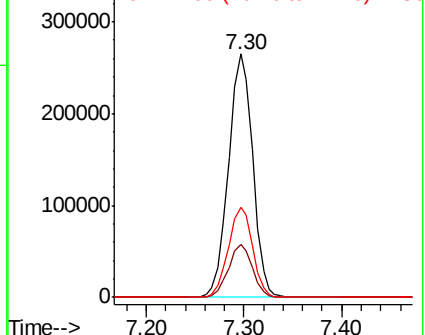
99 100

42 22.0 18.2 27.2

71 37.2 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: 7.245 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BG039988.D

Acq: 19 Mar 2019 3:09

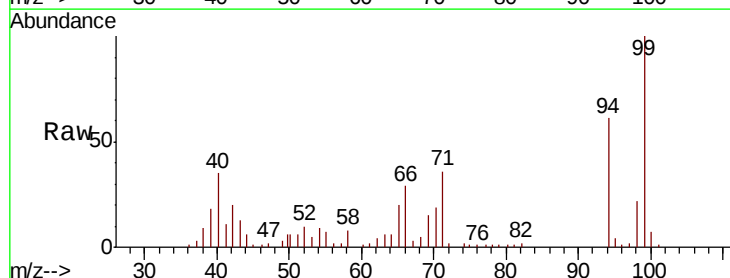
Tgt Ion: 94 Resp: 27586

Ion Ratio Lower Upper

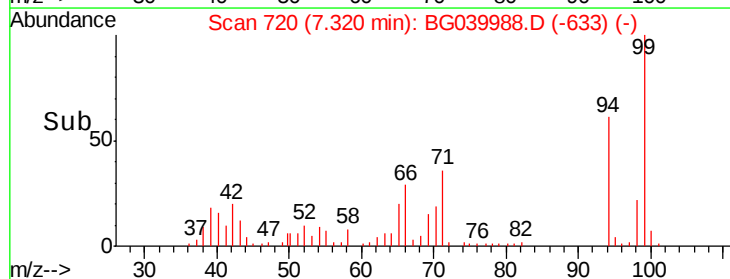
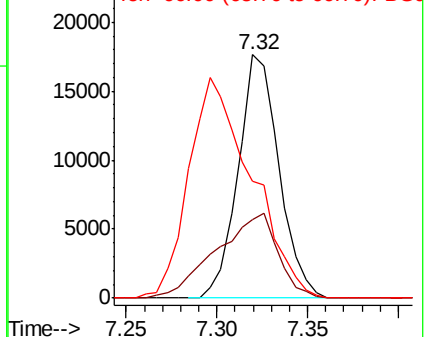
94 100

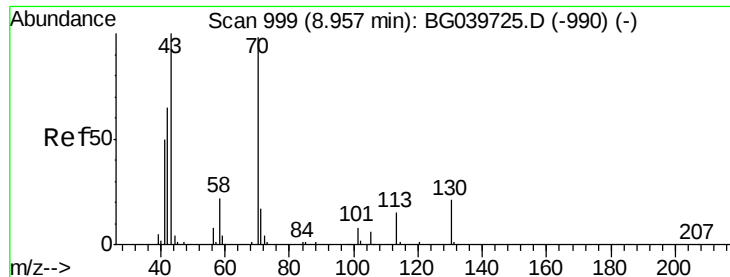
65 32.1 11.7 51.7

66 47.9 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

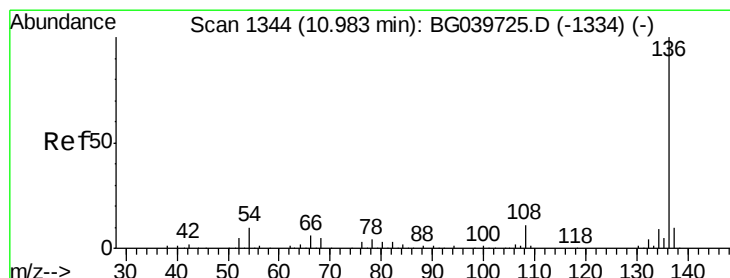
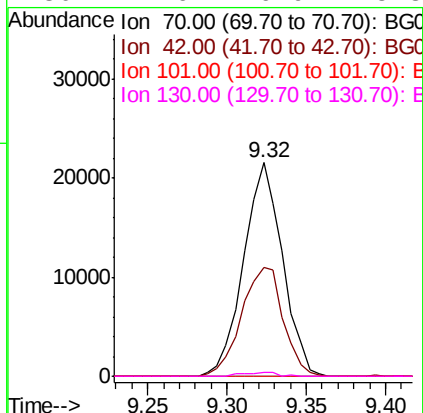
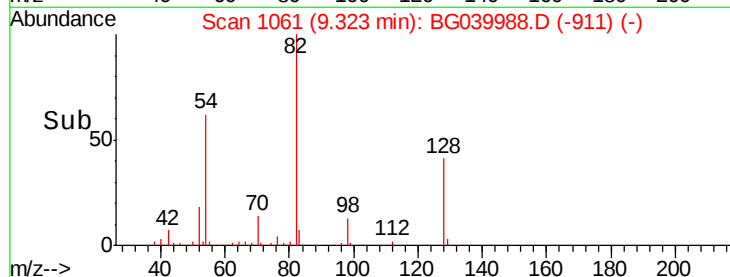
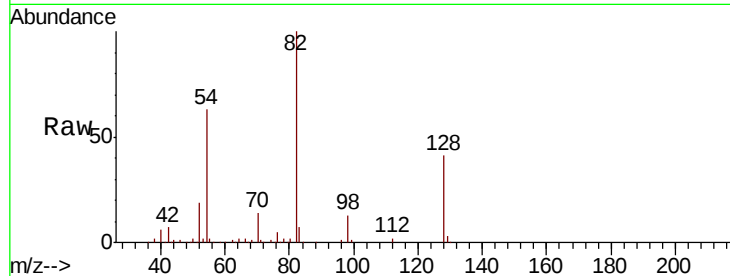




#19
n-Nitroso-di-n-propylamine
Concen: 14.503 ng
RT: 9.32 min Scan# 1061
Delta R.T. 0.35 min
Lab File: BG039988.D
Acq: 19 Mar 2019 3:09

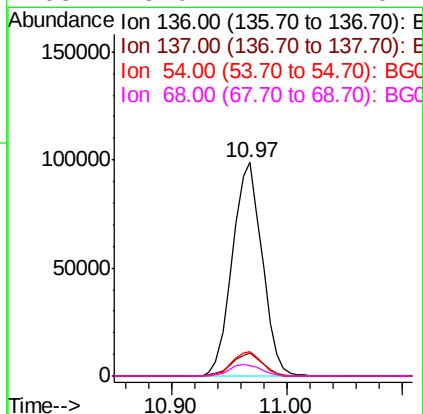
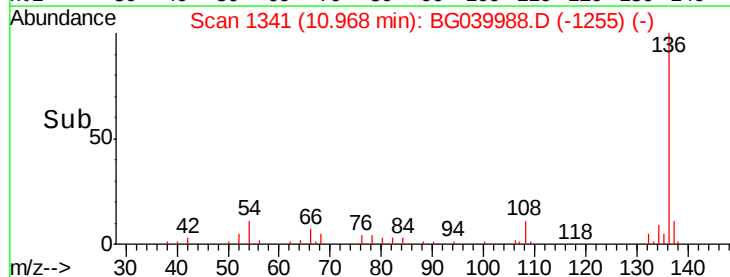
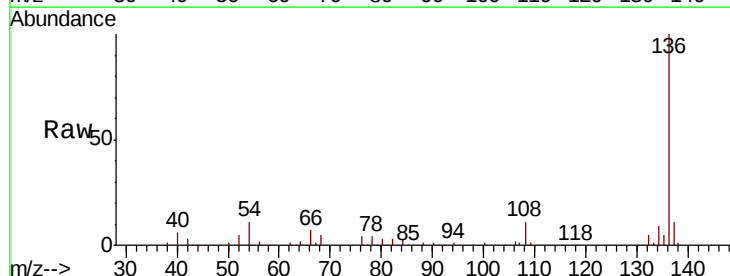
Instrument :
BNA_G
ClientSampleId :
TP-3

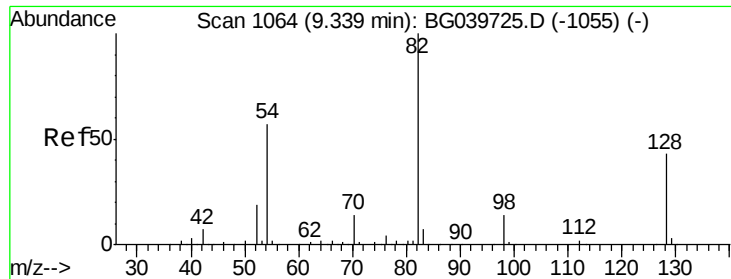
Tgt Ion: 70 Resp: 36688
Ion Ratio Lower Upper
70 100
42 50.9 60.4 90.6#
101 0.0 7.5 11.3#
130 1.6 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG039988.D
Acq: 19 Mar 2019 3:09

Tgt Ion: 136 Resp: 176652
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 11.3 9.4 14.2
68 5.0 4.2 6.4

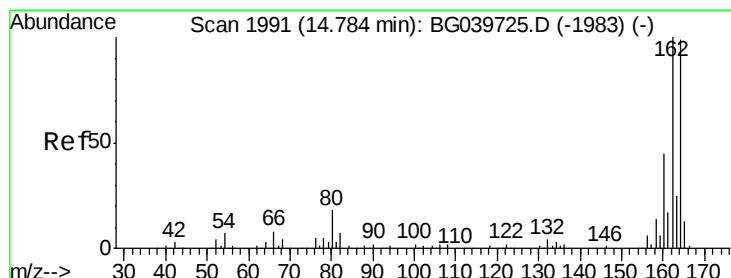
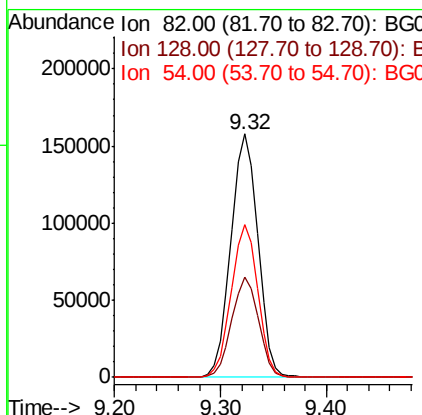
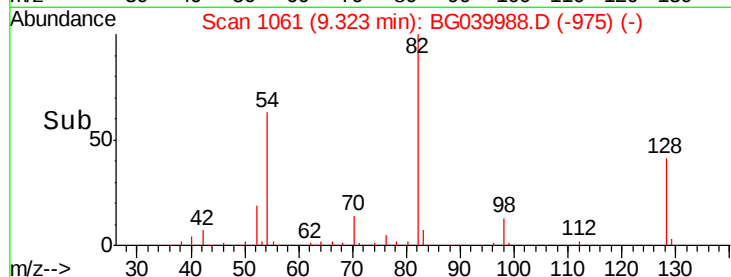
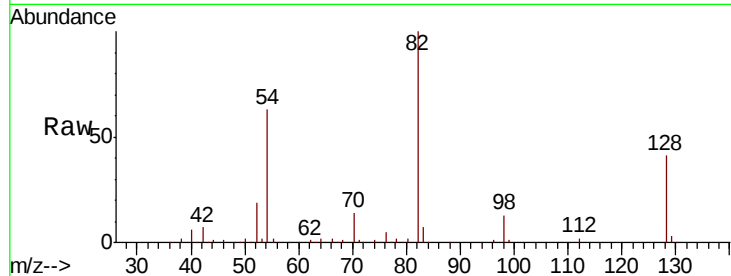




#23
 Nitrobenzene-d5
 Concen: 85.228 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG039988.D
 Acq: 19 Mar 2019 3:09

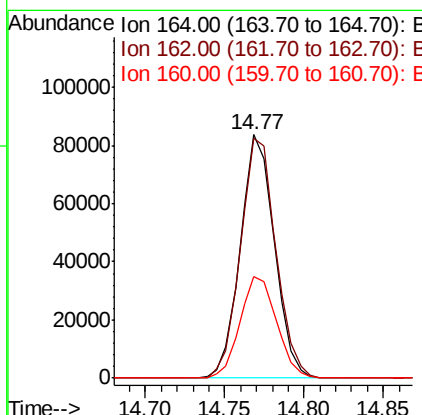
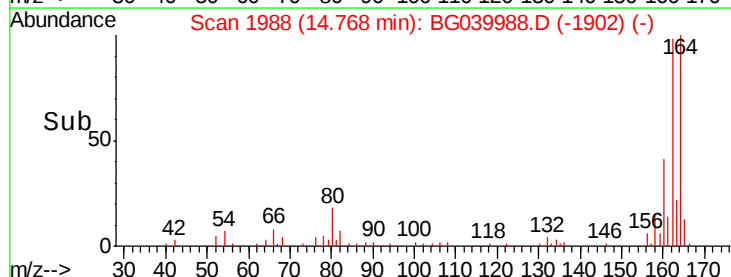
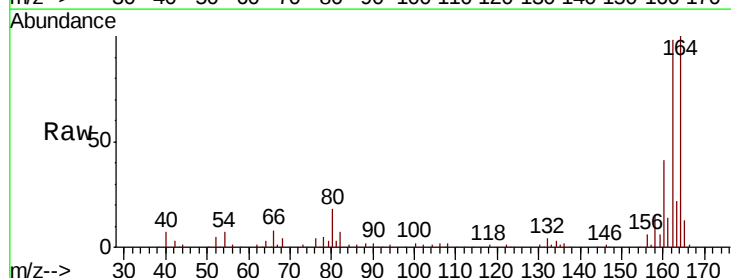
Instrument :
 BNA_G
 ClientSampleId :
 TP-3

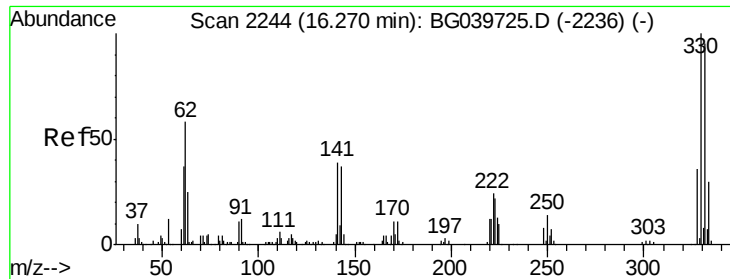
Tgt Ion: 82 Resp: 278375
 Ion Ratio Lower Upper
 82 100
 128 41.2 31.3 46.9
 54 62.5 50.9 76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BG039988.D
 Acq: 19 Mar 2019 3:09

Tgt Ion: 164 Resp: 124659
 Ion Ratio Lower Upper
 164 100
 162 98.5 81.6 122.4
 160 41.5 34.2 51.2

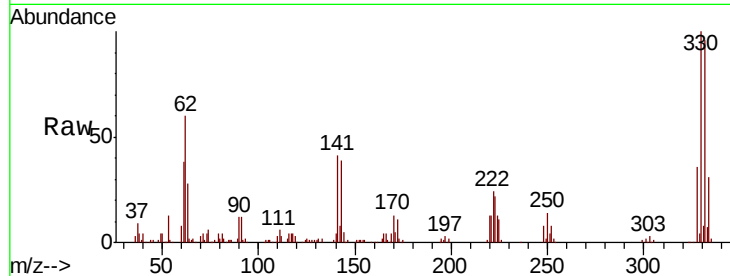




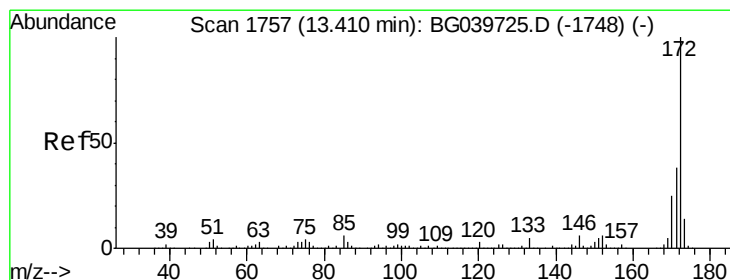
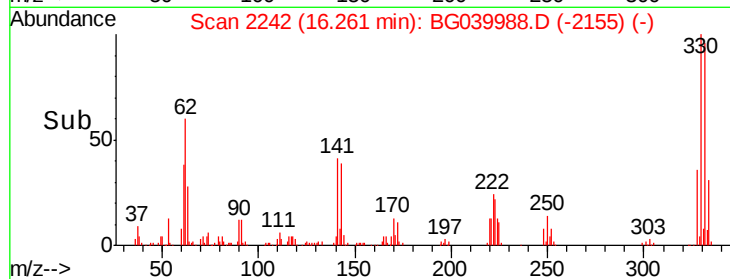
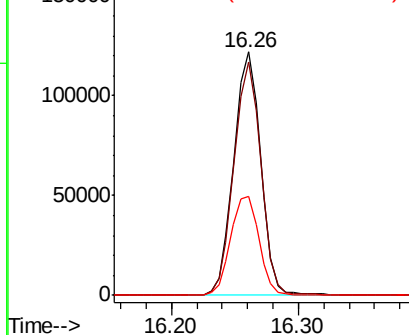
#42
 2,4,6-Tribromophenol
 Concen: 123.671 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BG039988.D
 Acq: 19 Mar 2019 3:09

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.7	113.5
141	42.7	35.6	53.4

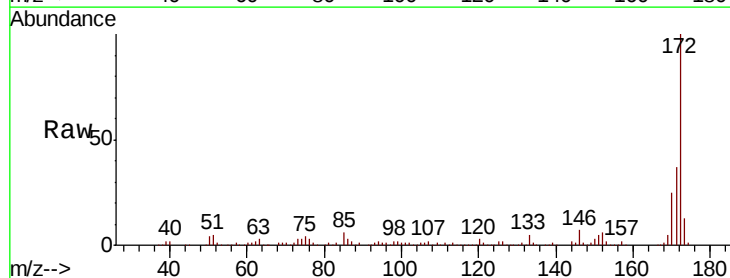


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

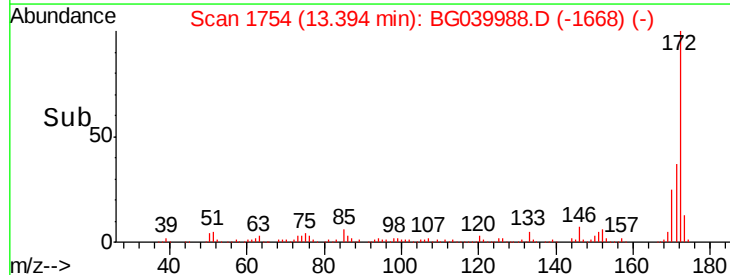
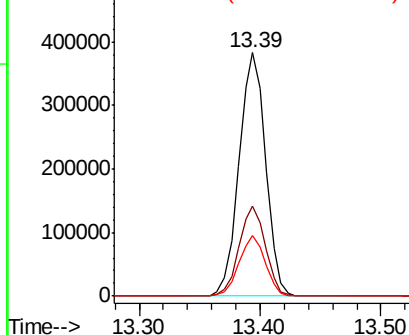


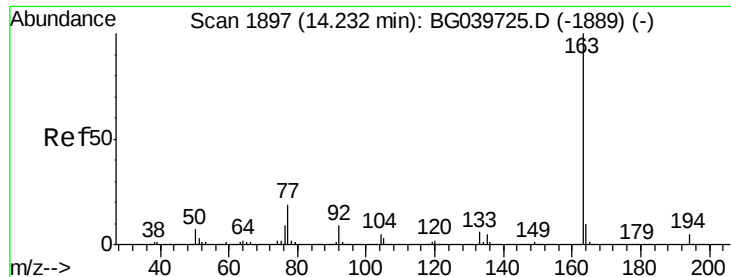
#45
 2-Fluorobiphenyl
 Concen: 67.089 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG039988.D
 Acq: 19 Mar 2019 3:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.8	46.2
170	25.1	20.2	30.4



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: 5.561 ng

RT: 14.22 min Scan# 1894

Delta R.T. -0.02 min

Lab File: BG039988.D

Acq: 19 Mar 2019 3:09

Instrument :

BNA_G

ClientSampled :

TP-3

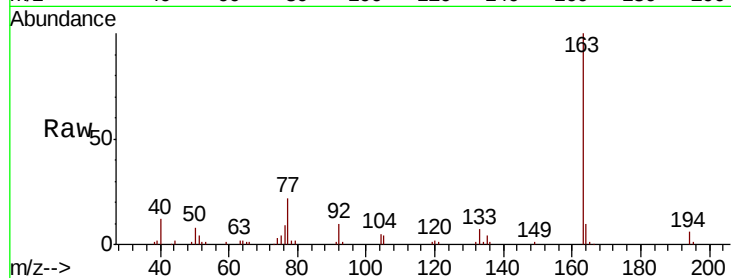
Tgt Ion:163 Resp: 57965

Ion Ratio Lower Upper

163 100

194 5.9 3.6 5.4#

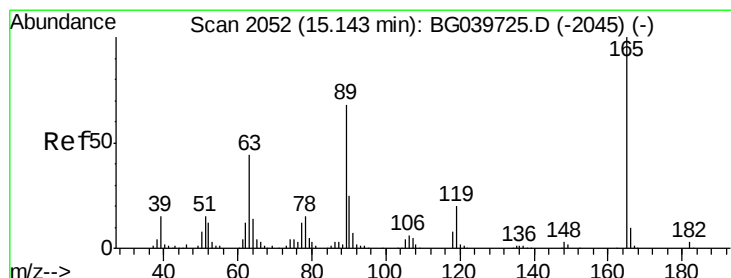
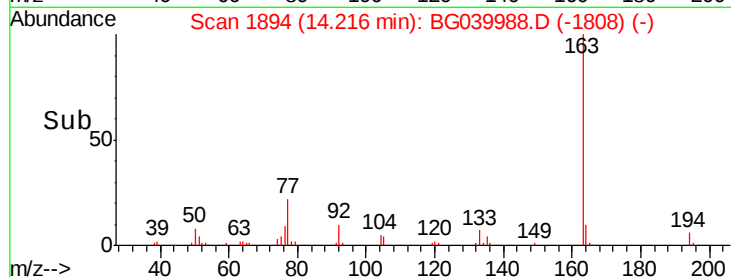
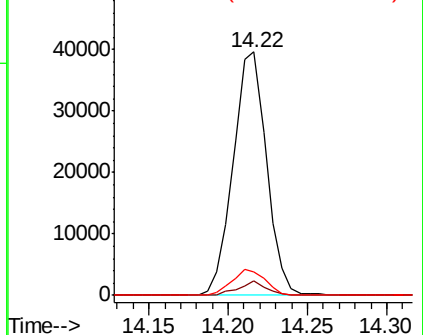
164 9.7 8.4 12.6



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



#57

2,4-Dinitrotoluene

Concen: 5.381 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.38 min

Lab File: BG039988.D

Acq: 19 Mar 2019 3:09

Tgt Ion:165 Resp: 16708

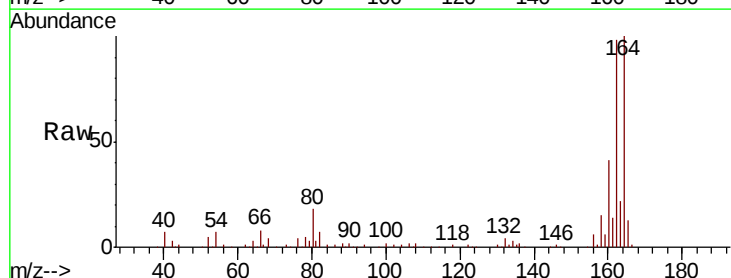
Ion Ratio Lower Upper

165 100

63 1.9 41.0 61.6#

89 1.4 64.6 96.8#

182 0.0 2.0 3.0#

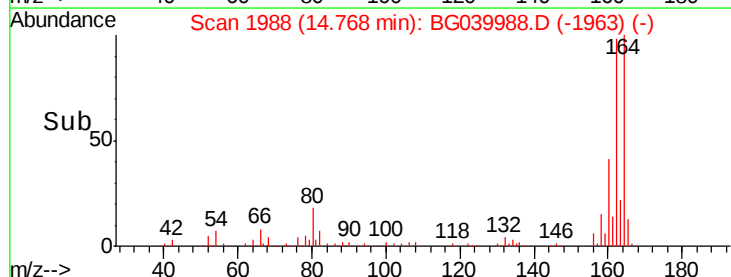
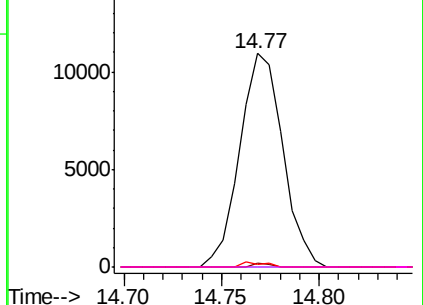


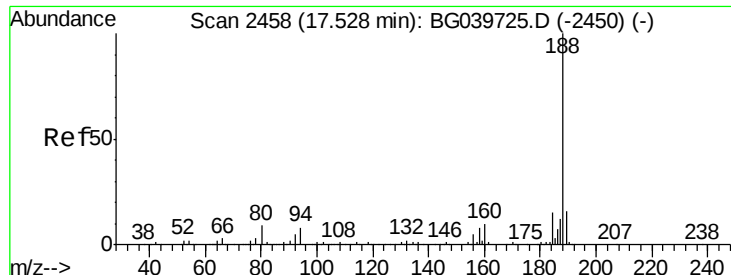
Abundance Ion 165.00 (164.70 to 165.70): E

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

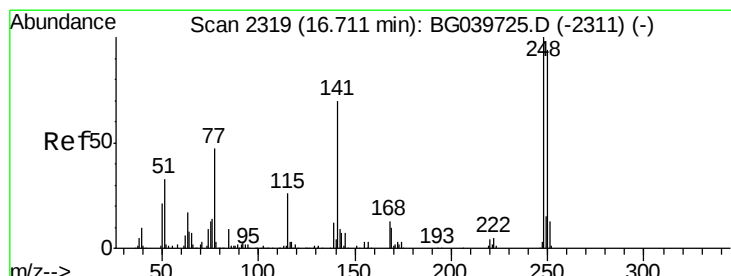
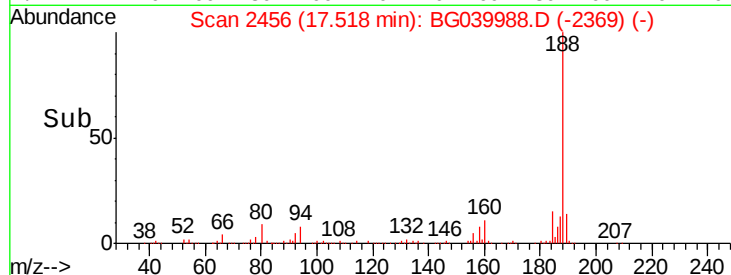
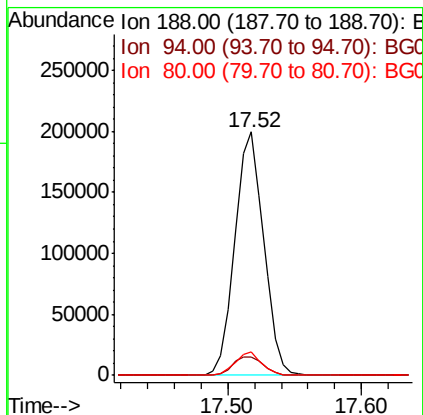
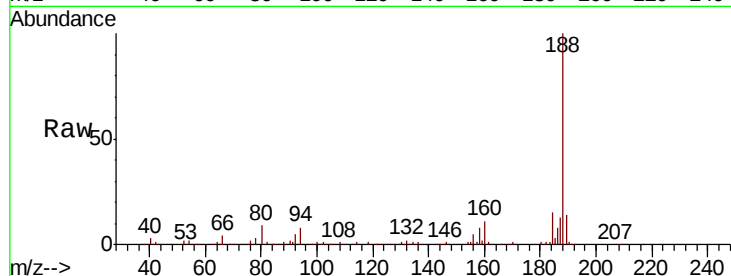




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2456
 Delta R.T. -0.02 min
 Lab File: BG039988.D
 Acq: 19 Mar 2019 3:09

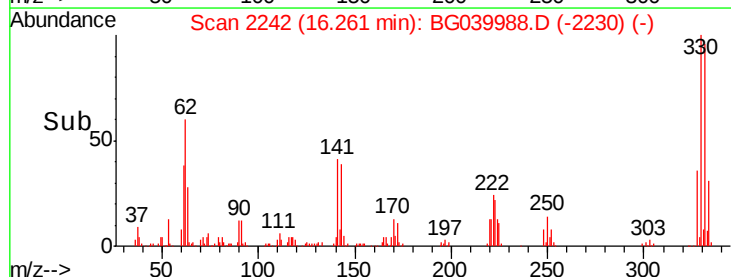
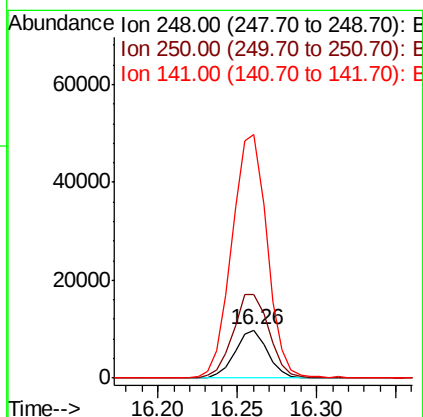
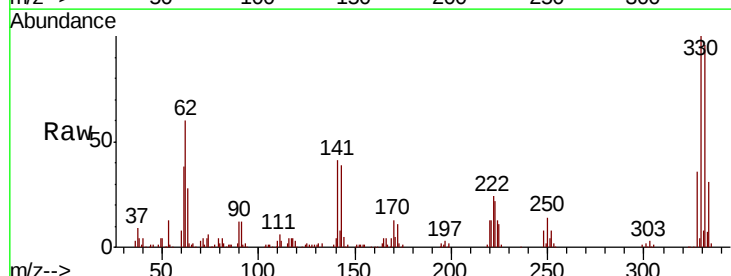
Instrument :
 BNA_G
 ClientSampleId :
 TP-3

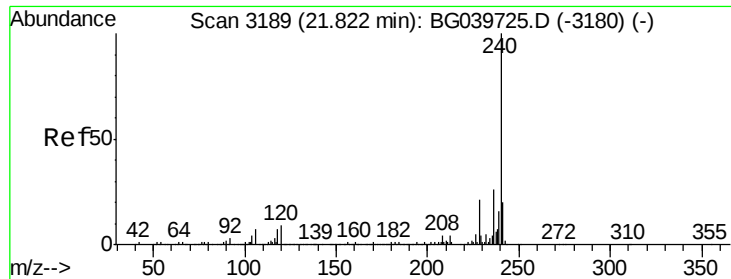
Tgt Ion:188 Resp: 298615
 Ion Ratio Lower Upper
 188 100
 94 7.7 6.9 10.3
 80 9.4 8.1 12.1



#67
 4-Bromophenyl-phenylether
 Concen: 4.203 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.46 min
 Lab File: BG039988.D
 Acq: 19 Mar 2019 3:09

Tgt Ion:248 Resp: 14050
 Ion Ratio Lower Upper
 248 100
 250 174.4 77.6 116.4#
 141 507.0 63.9 95.9#

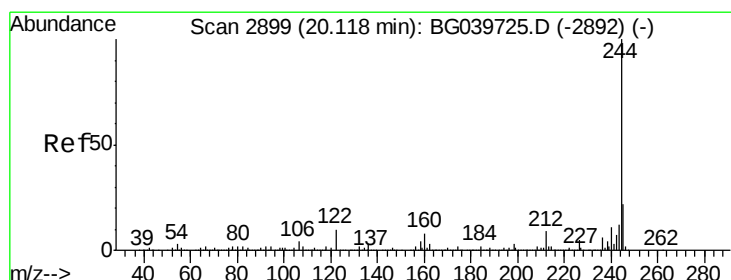
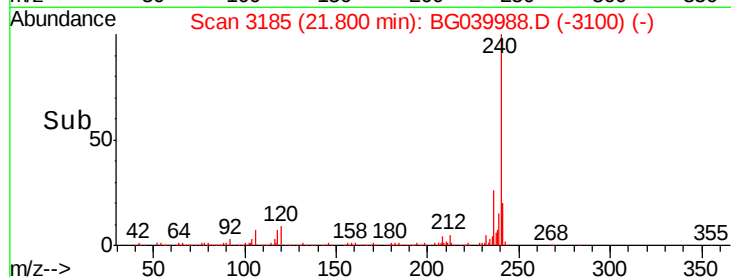
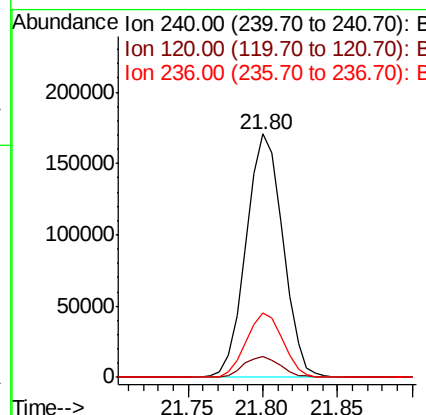
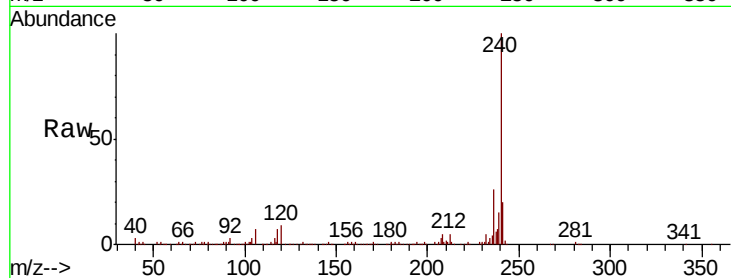




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG039988.D
Acq: 19 Mar 2019 3:09

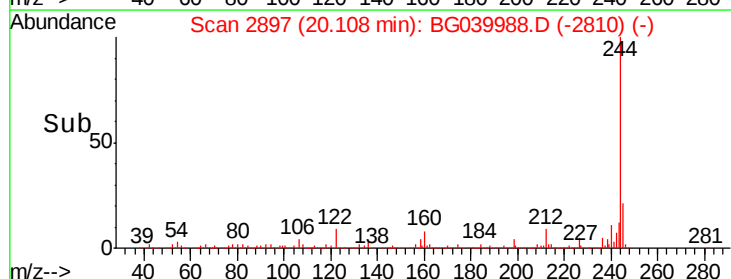
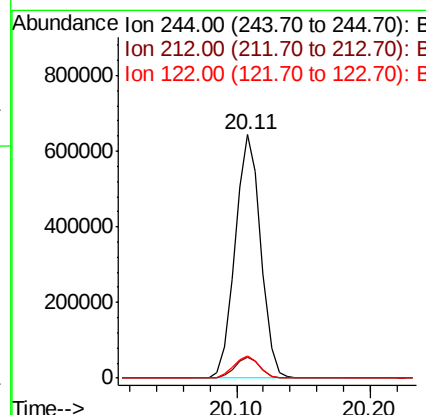
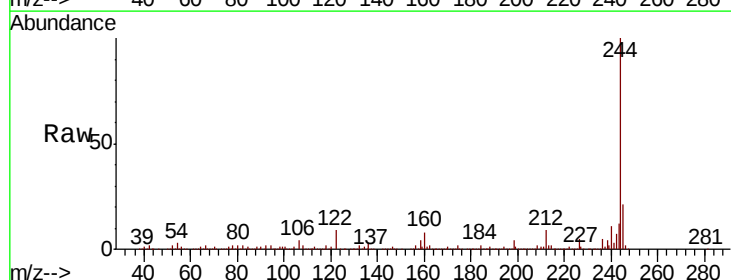
Instrument :
BNA_G
ClientSampleId :
TP-3

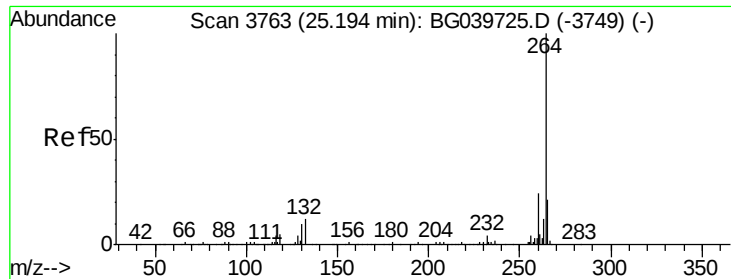
Tgt Ion:240 Resp: 290989
Ion Ratio Lower Upper
240 100
120 8.6 7.0 10.6
236 26.2 21.0 31.4



#79
Terphenyl-d14
Concen: 64.975 ng
RT: 20.11 min Scan# 2897
Delta R.T. -0.02 min
Lab File: BG039988.D
Acq: 19 Mar 2019 3:09

Tgt Ion:244 Resp: 858709
Ion Ratio Lower Upper
244 100
212 8.6 7.3 10.9
122 8.9 8.4 12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3757
Delta R.T. -0.04 min
Lab File: BG039988.D
Acq: 19 Mar 2019 3:09

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.4
265	20.2	18.5	27.7

