

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032019\
 Data File : BG040039.D
 Acq On : 20 Mar 2019 17:03
 Operator : JU/SJ
 Sample : PB118051BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 21 09:28:30 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

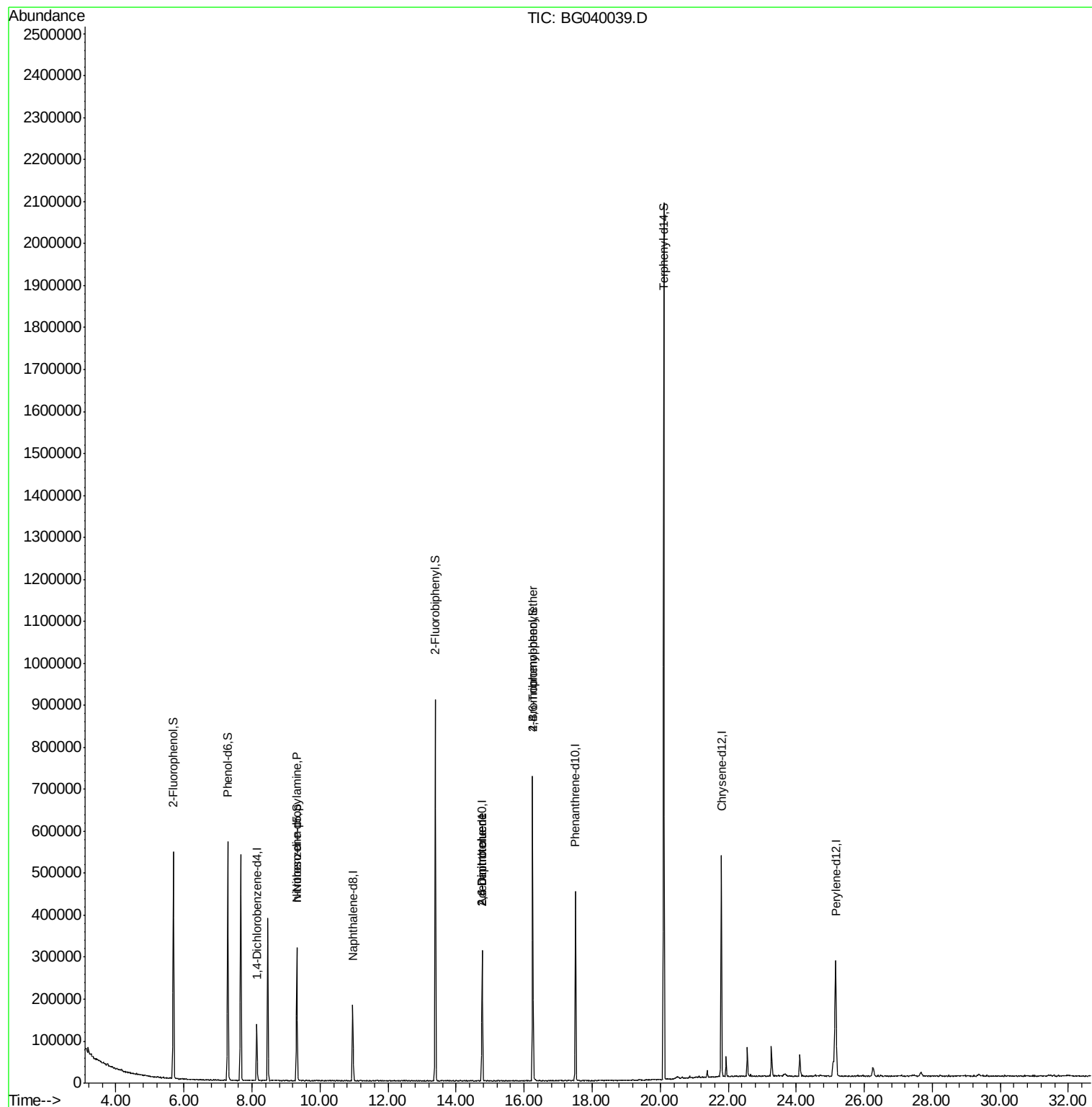
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	37933	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	157760	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	107530	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	281806	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	320091	20.00	ng	-0.03
87) Perylene-d12	25.15	264	312785	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	229400	103.17	ng	-0.02
7) Phenol-d6	7.29	99	324438	97.86	ng	-0.02
23) Nitrobenzene-d5	9.32	82	192572	66.02	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	130539	104.15	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	499368	66.12	ng	-0.02
79) Terphenyl-d14	20.11	244	960116	66.04	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.32	70	25513	10.691	ng	# 68
51) 2,6-Dinitrotoluene	14.77	165	13976	7.332	ng	# 22
57) 2,4-Dinitrotoluene	14.77	165	13976	5.218	ng	# 17
67) 4-Bromophenyl-phenylether	16.25	248	9886	3.134	ng	# 1

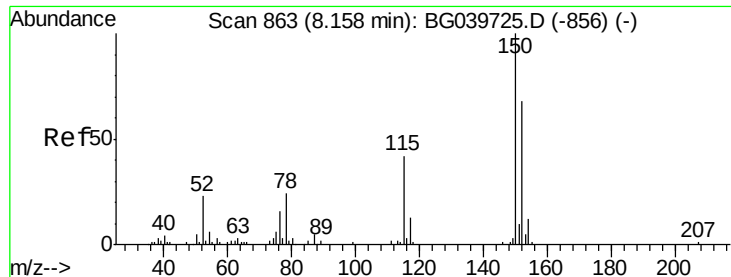
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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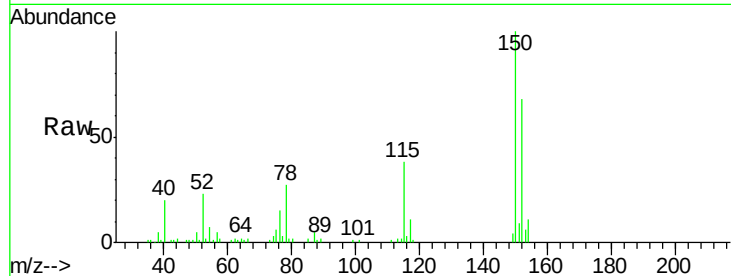


#1

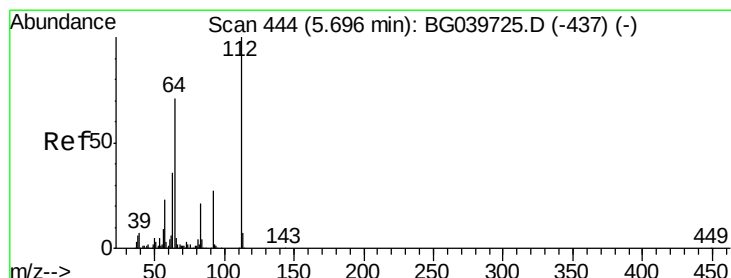
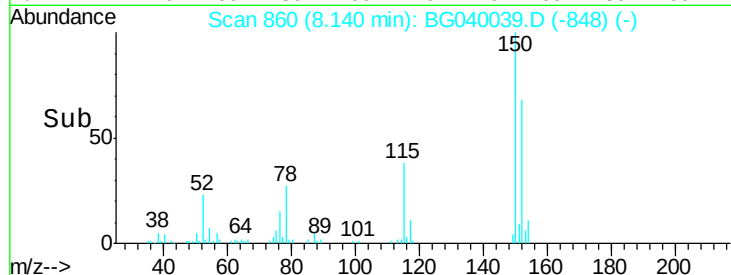
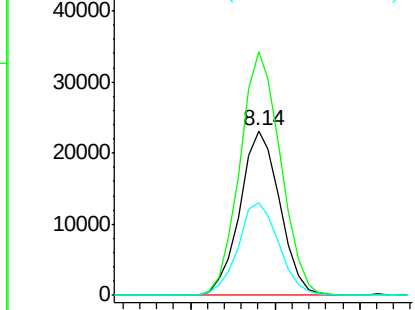
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040039.D
Acq: 20 Mar 2019 17:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 37933
Ion Ratio Lower Upper
152 100
150 147.7 123.7 185.5
115 55.8 45.9 68.9



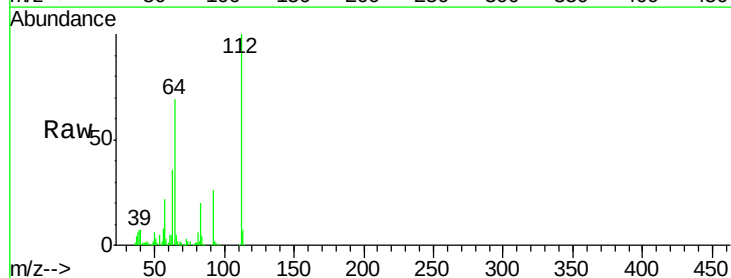
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



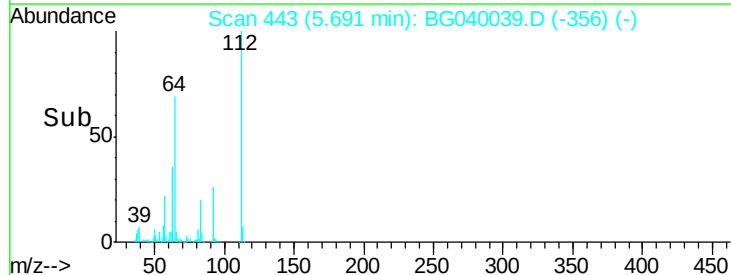
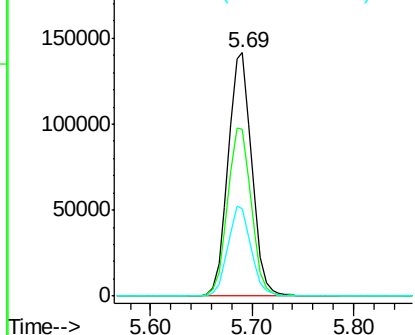
#5

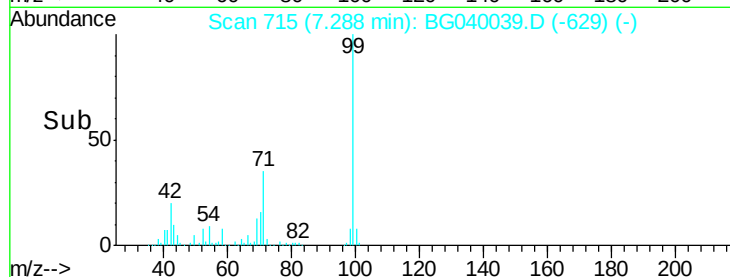
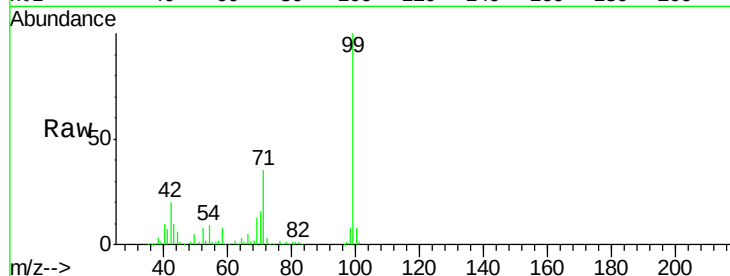
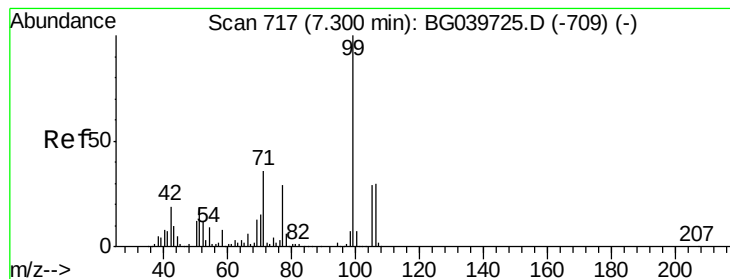
2-Fluorophenol
Concen: 103.171 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG040039.D
Acq: 20 Mar 2019 17:03

Tgt Ion:112 Resp: 229400
Ion Ratio Lower Upper
112 100
64 68.6 57.8 86.8
63 35.7 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 97.859 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040039.D

Acq: 20 Mar 2019 17:03

Instrument :

BNA_G

ClientSampled :

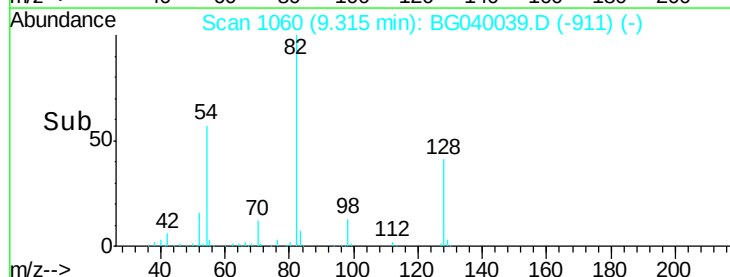
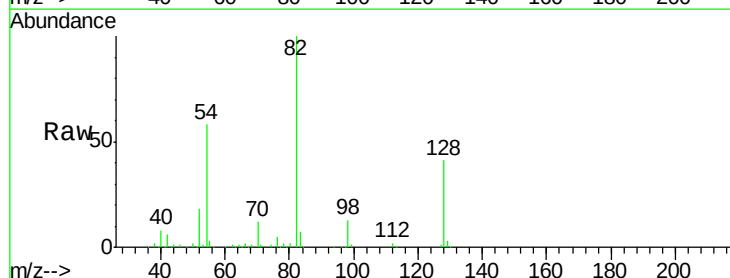
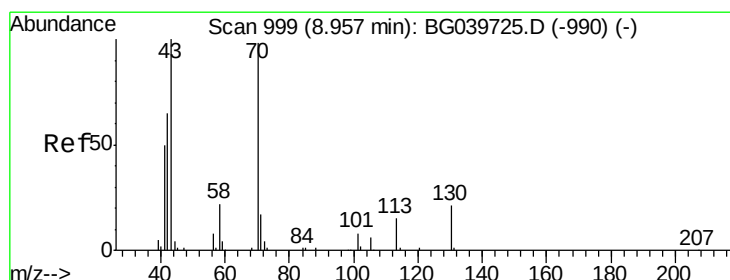
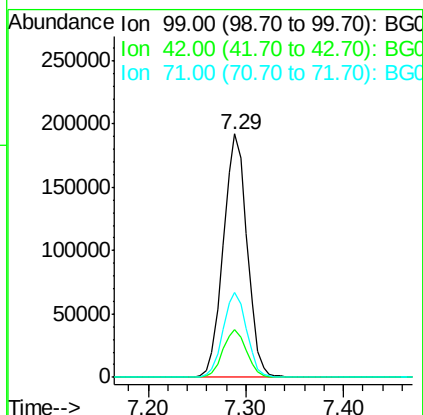
Tot Ion: 99 Resp: 324438

Ion Ratio Lower Upper

99 100

42 19.8 18.2 27.2

71 34.9 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 10.691 ng

RT: 9.32 min Scan# 1060

Delta R.T. 0.35 min

Lab File: BG040039.D

Acq: 20 Mar 2019 17:03

Tgt Ion: 70 Resp: 25513

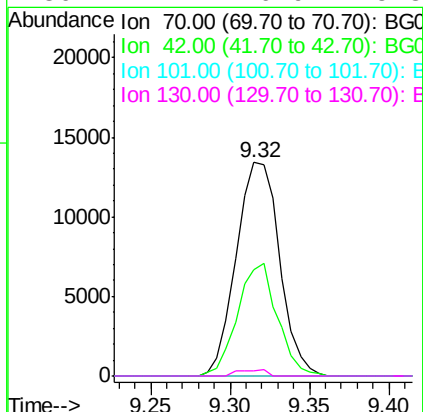
Ion Ratio Lower Upper

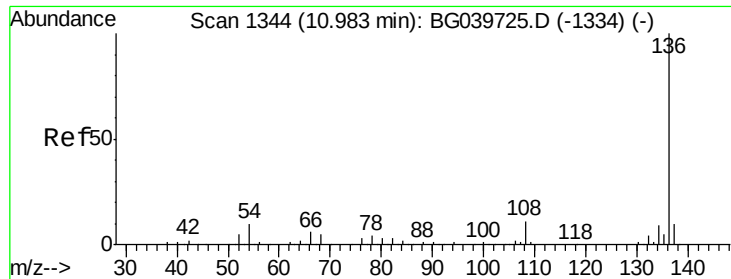
70 100

42 49.6 60.4 90.6#

101 0.0 7.5 11.3#

130 2.7 16.9 25.3#

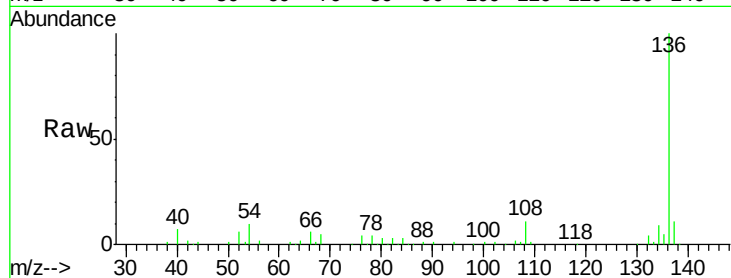




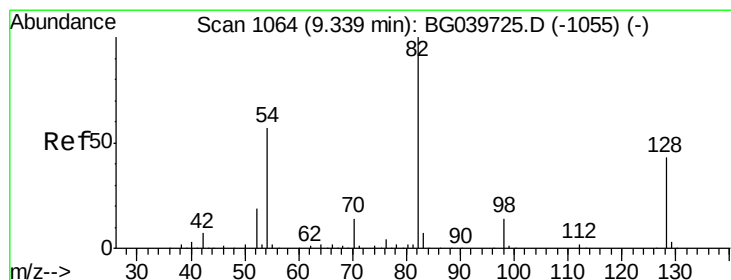
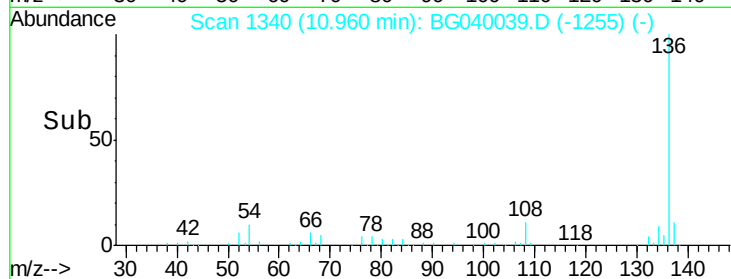
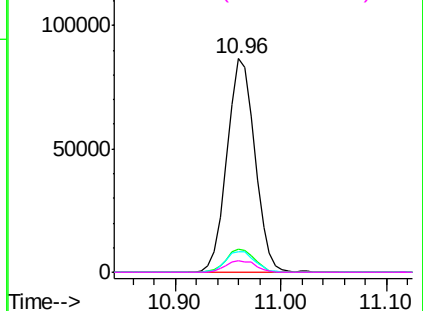
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040039.D
Acq: 20 Mar 2019 17:03

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	157760
Ion	Ratio	Lower Upper
136	100	
137	10.7	9.1 13.7
54	9.5	9.4 14.2
68	5.4	4.2 6.4

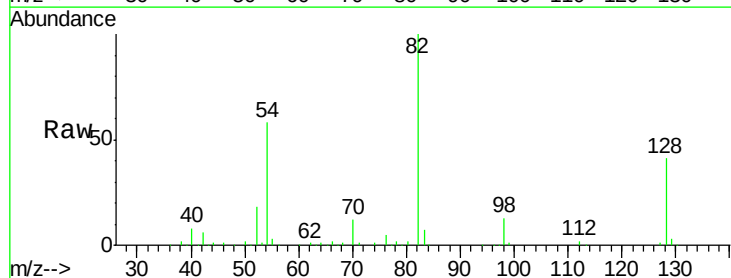


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

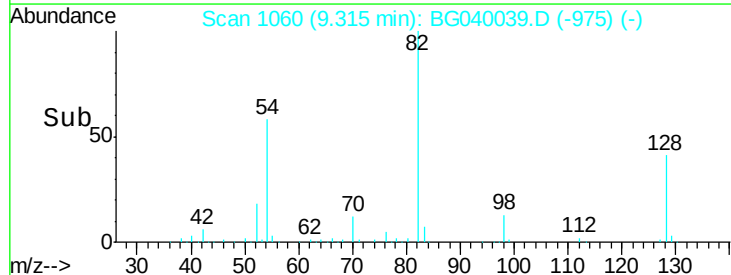
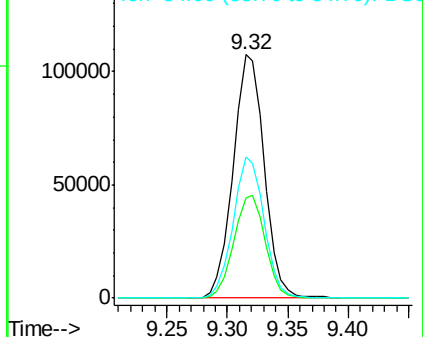


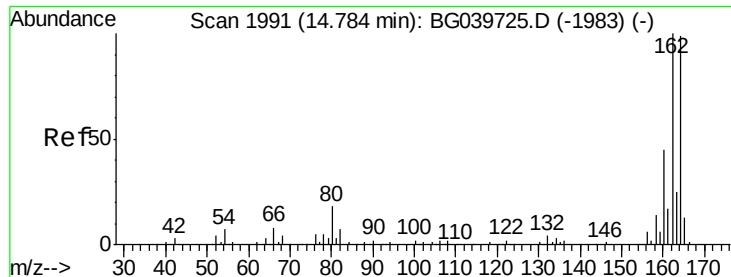
#23
Nitrobenzene-d5
Concen: 66.018 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.03 min
Lab File: BG040039.D
Acq: 20 Mar 2019 17:03

Tgt Ion: 82	Resp:	192572
Ion	Ratio	Lower Upper
82	100	
128	41.2	31.3 46.9
54	58.0	50.9 76.3



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: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040039.D

Acq: 20 Mar 2019 17:03

Instrument :

BNA_G

ClientSampleId :

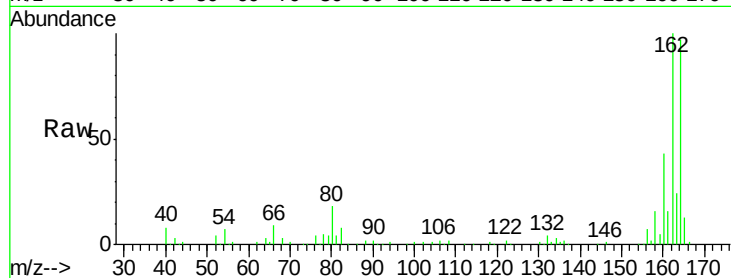
Tot Ion:164 Resp: 107530

Ion Ratio Lower Upper

164 100

162 103.3 81.6 122.4

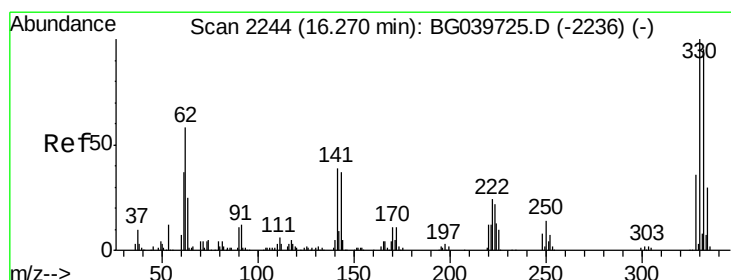
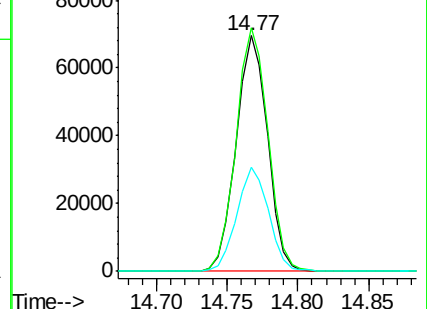
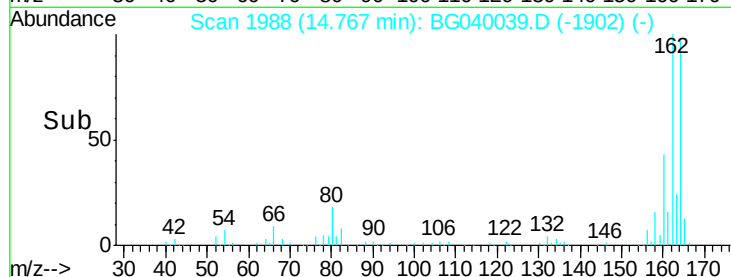
160 44.3 34.2 51.2



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: 104.153 ng

RT: 16.25 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040039.D

Acq: 20 Mar 2019 17:03

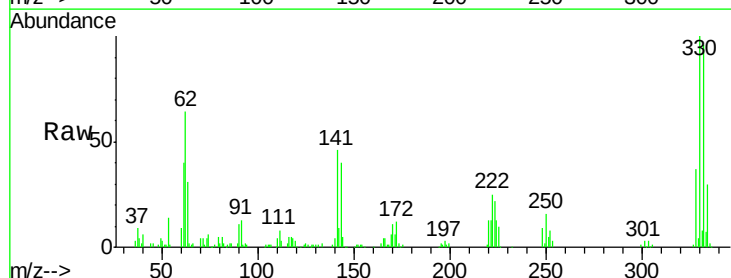
Tgt Ion:330 Resp: 130539

Ion Ratio Lower Upper

330 100

332 95.3 75.7 113.5

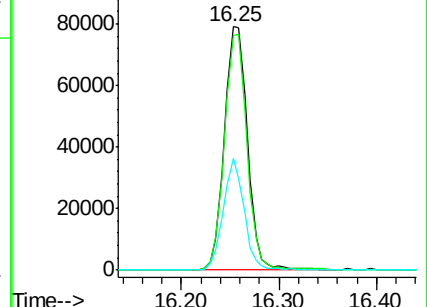
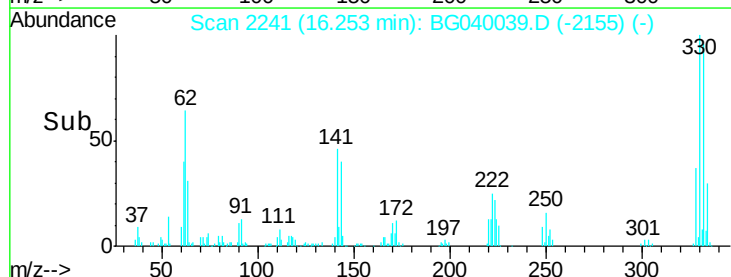
141 40.8 35.6 53.4

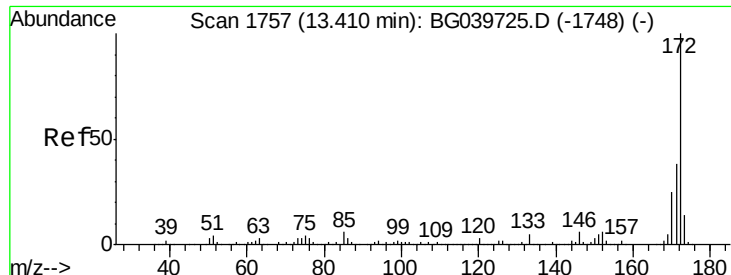


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

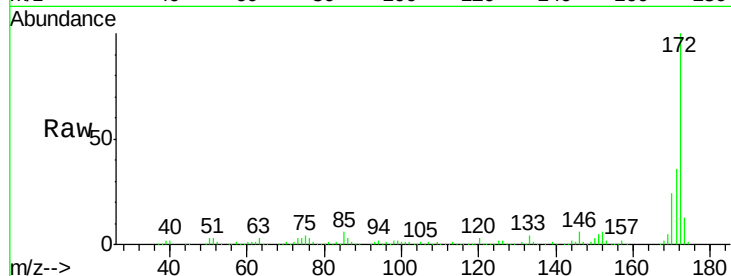




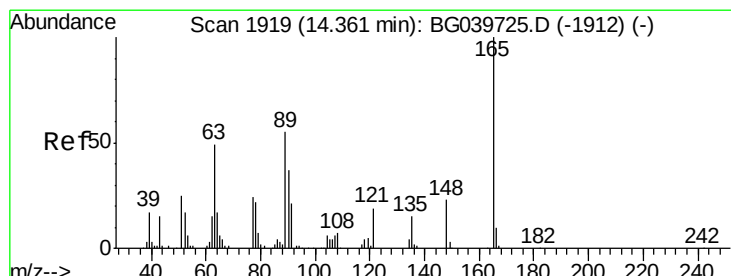
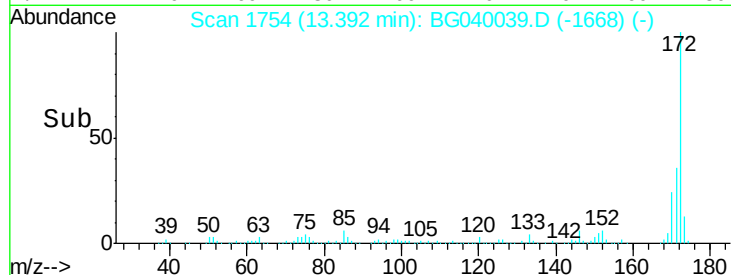
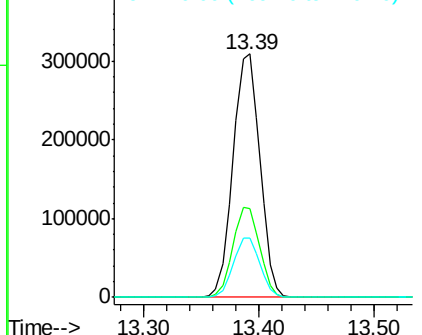
#45
 2-Fluorobiphenyl
 Concen: 66.122 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040039.D
 Acq: 20 Mar 2019 17:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 499368
 Ion Ratio Lower Upper
 172 100
 171 36.2 30.8 46.2
 170 24.3 20.2 30.4

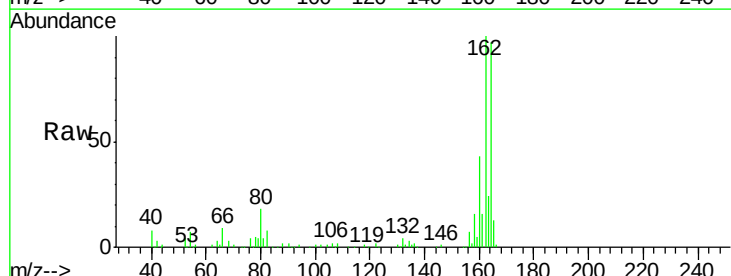


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

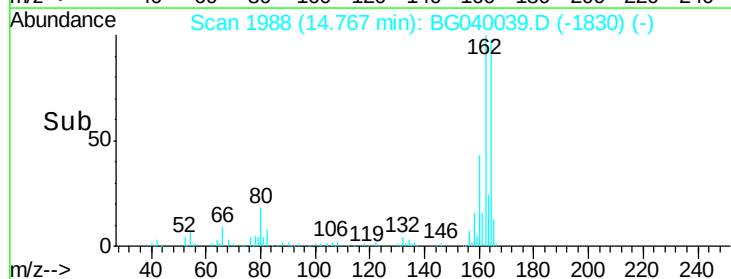
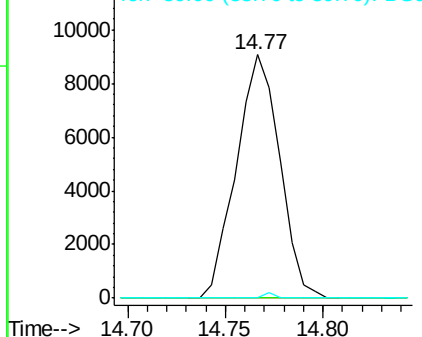


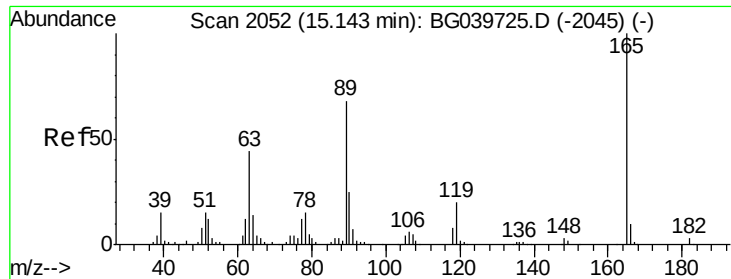
#51
 2,6-Dinitrotoluene
 Concen: 7.332 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. 0.40 min
 Lab File: BG040039.D
 Acq: 20 Mar 2019 17:03

Tgt Ion:165 Resp: 13976
 Ion Ratio Lower Upper
 165 100
 63 0.0 47.0 70.6#
 89 0.0 45.8 68.8#



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

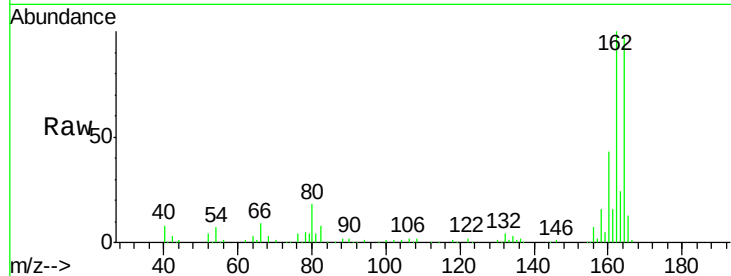




#57
 2,4-Dinitrotoluene
 Concen: 5.218 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.38 min
 Lab File: BG040039.D
 Acq: 20 Mar 2019 17:03

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165	Resp:	13976
Ion Ratio	Lower	Upper
165	100	
63	0.0	41.0 61.6#
89	0.0	64.6 96.8#
182	0.0	2.0 3.0#

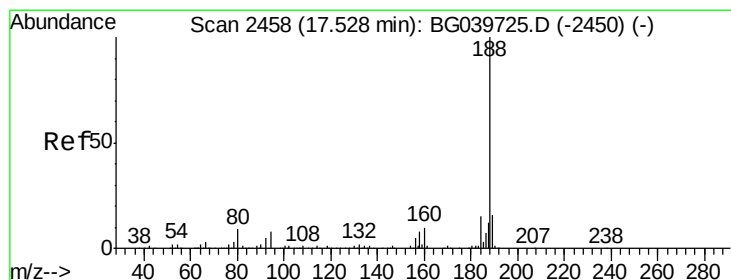
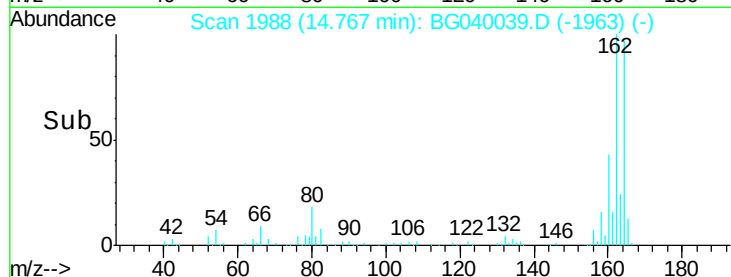
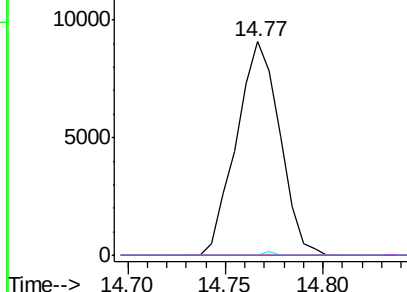


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

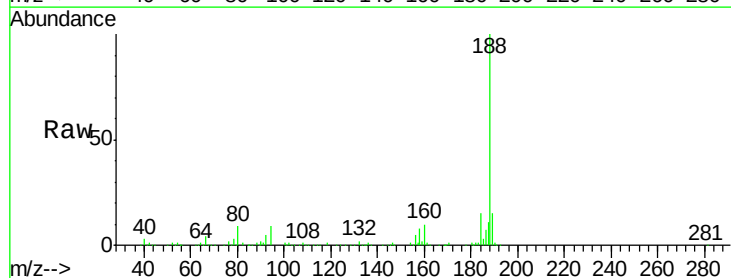
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2455
 Delta R.T. -0.02 min
 Lab File: BG040039.D
 Acq: 20 Mar 2019 17:03

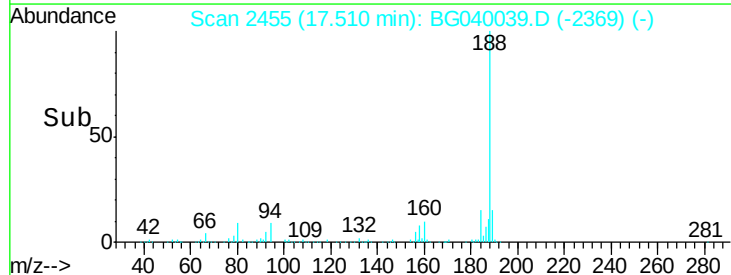
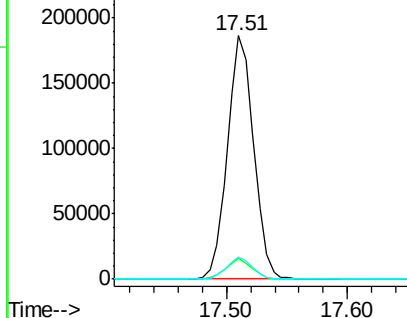
Tgt Ion:188	Resp:	281806
Ion Ratio	Lower	Upper
188	100	
94	8.7	6.9 10.3
80	9.1	8.1 12.1

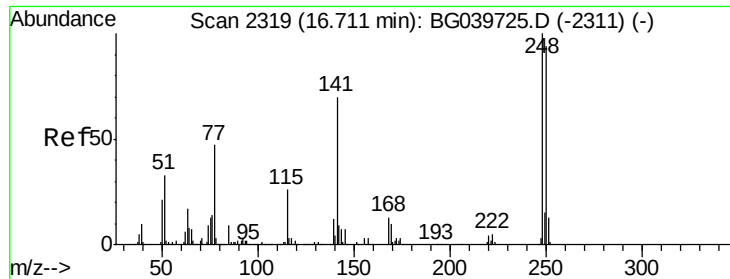


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

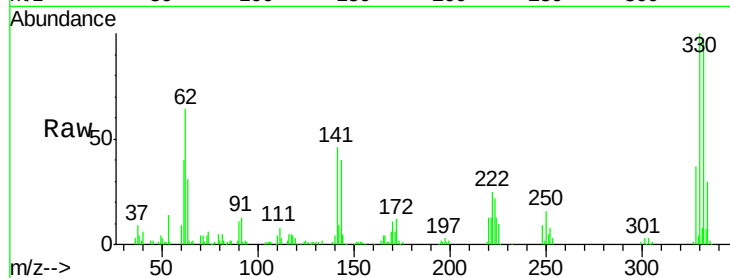




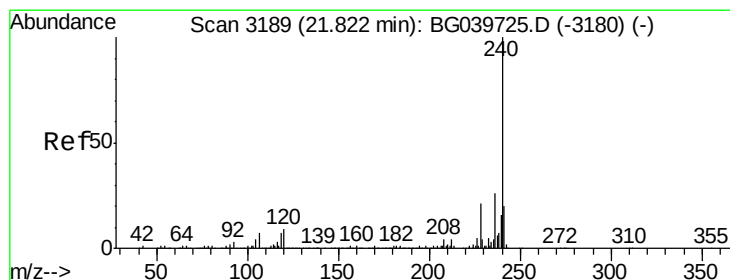
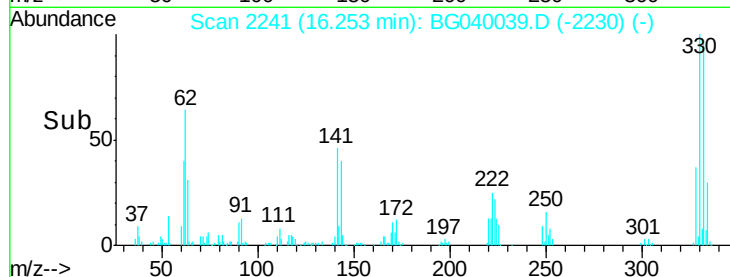
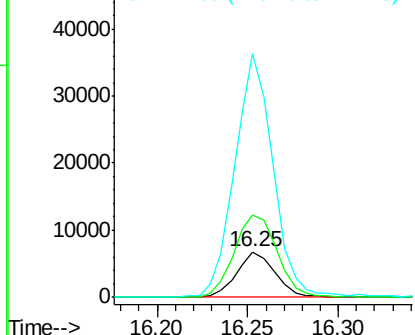
#67
4-Bromophenyl-phenylether
Concen: 3.134 ng
RT: 16.25 min Scan# 2241
Delta R.T. -0.46 min
Lab File: BG040039.D
Acq: 20 Mar 2019 17:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 9886
Ion Ratio Lower Upper
248 100
250 181.6 77.6 116.4#
141 535.9 63.9 95.9#

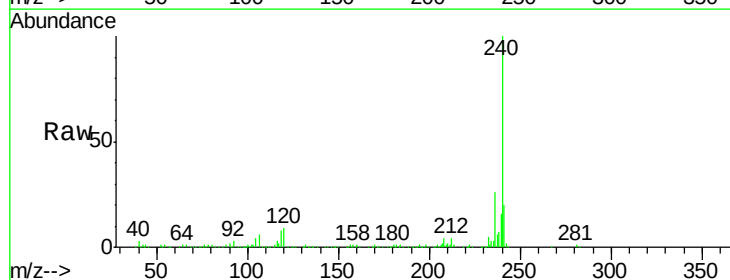


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

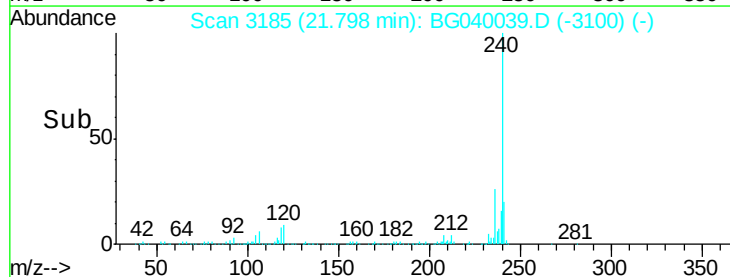
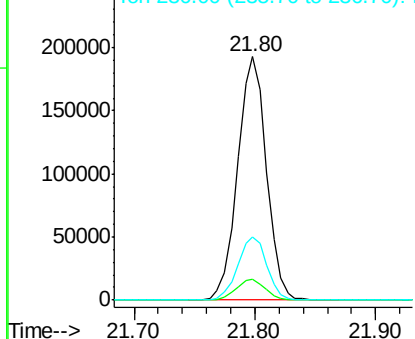


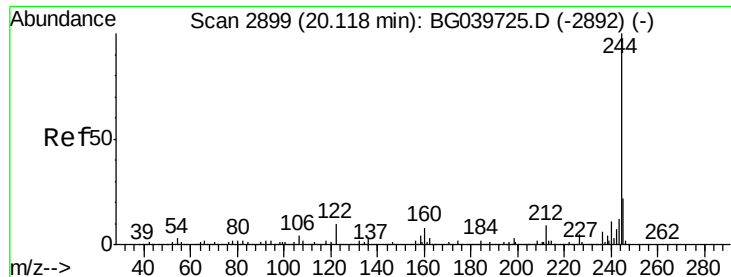
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG040039.D
Acq: 20 Mar 2019 17:03

Tgt Ion:240 Resp: 320091
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.6
236 26.1 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: 66.043 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040039.D

Acq: 20 Mar 2019 17:03

Instrument :

BNA_G

ClientSampleId :

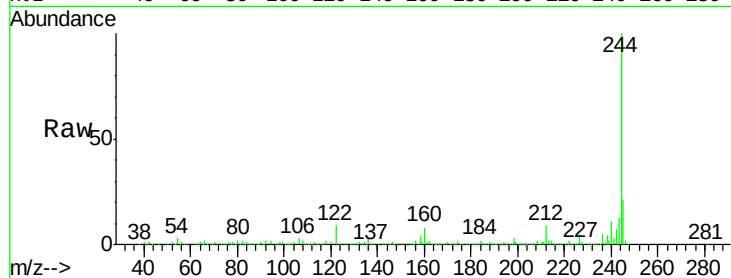
Tot Ion:244 Resp: 960116

Ion Ratio Lower Upper

244 100

212 9.0 7.3 10.9

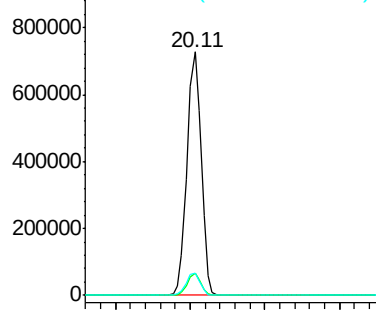
122 8.9 8.4 12.6



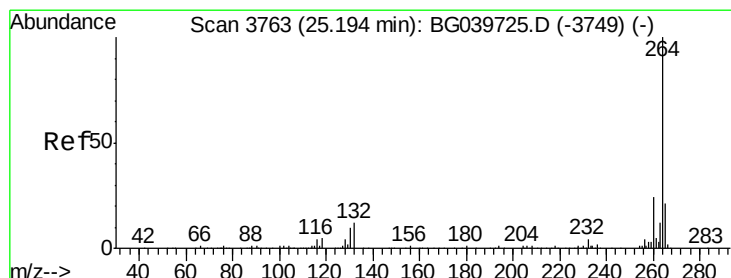
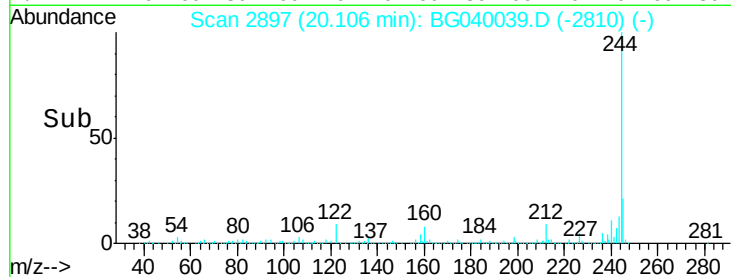
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.15 min Scan# 3756

Delta R.T. -0.05 min

Lab File: BG040039.D

Acq: 20 Mar 2019 17:03

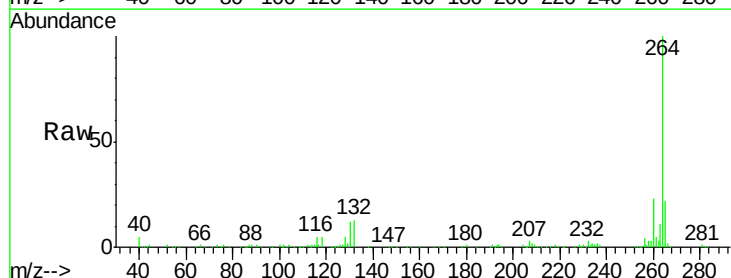
Tgt Ion:264 Resp: 312785

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.4

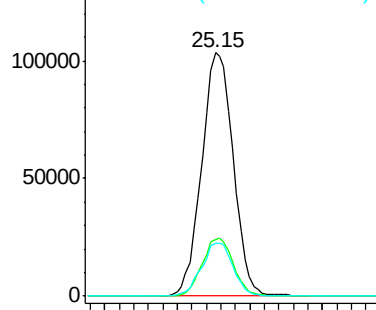
265 21.6 18.5 27.7



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



Time-->

