

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
 Data File : BG039754.D
 Acq On : 5 Mar 2019 6:53
 Operator : JU/SJ
 Sample : K1688-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-030119-C

Quant Time: Mar 05 07:28:34 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

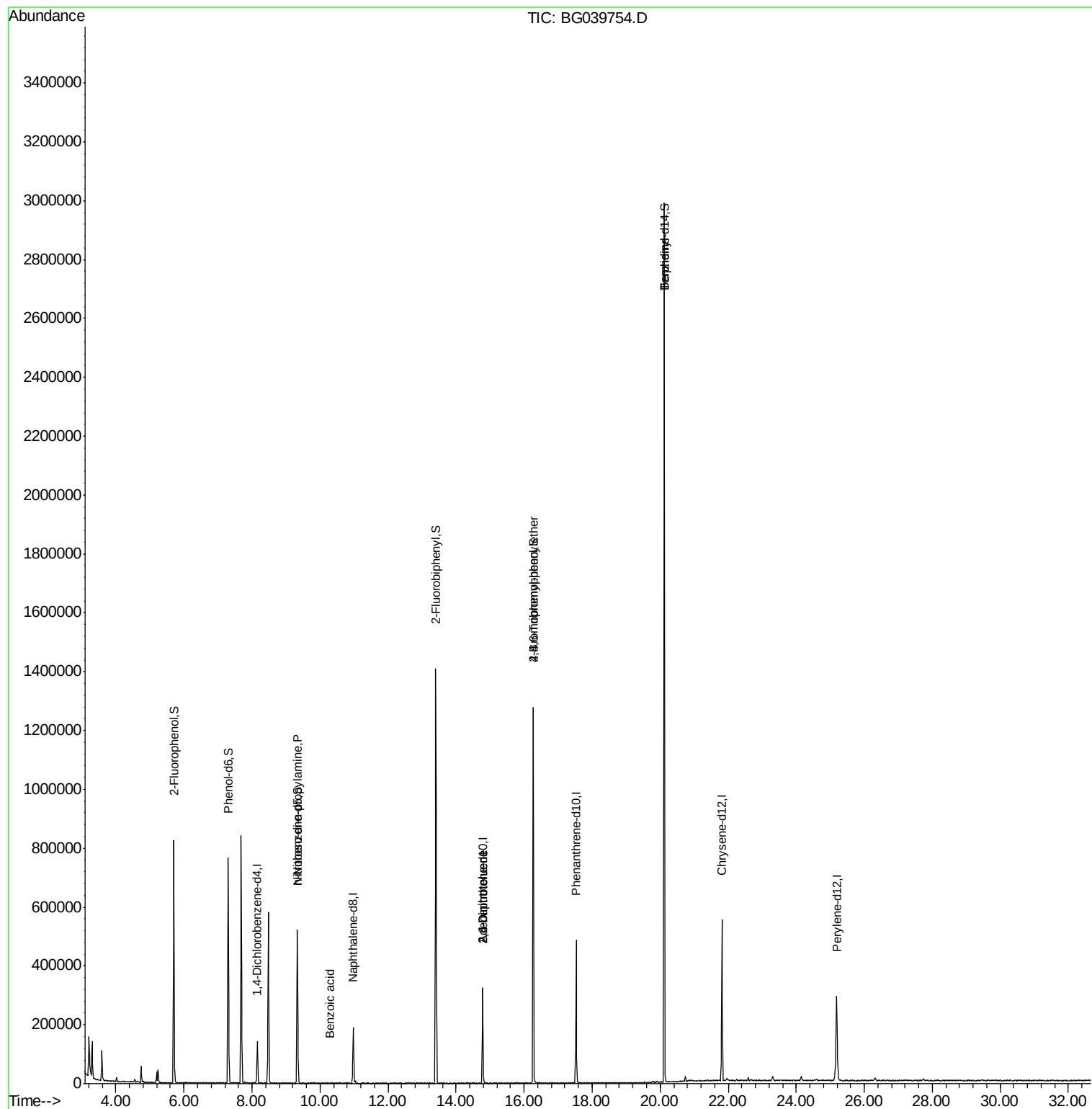
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	38489	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	163168	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	111250	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	296972	20.00	ng	0.00
76) Chrysene-d12	21.82	240	322068	20.00	ng	-0.01
87) Perylene-d12	25.19	264	317103	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	336843	149.30	ng	0.00
7) Phenol-d6	7.30	99	439388	130.62	ng	-0.01
23) Nitrobenzene-d5	9.33	82	312557	103.60	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	218027	168.14	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	755362	96.67	ng	-0.01
79) Terphenyl-d14	20.12	244	1424870	97.41	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.33	70	41344	17.075	ng	# 65
32) Benzoic acid	10.29	122	55	6.627	ng	# 49
51) 2,6-Dinitrotoluene	14.78	165	14127	7.163	ng	# 22
57) 2,4-Dinitrotoluene	14.78	165	14127	5.098	ng	# 17
67) 4-Bromophenyl-phenylether	16.27	248	17316	5.209	ng	# 1
77) Benzidine	20.12	184	25866	2.531	ng	# 95

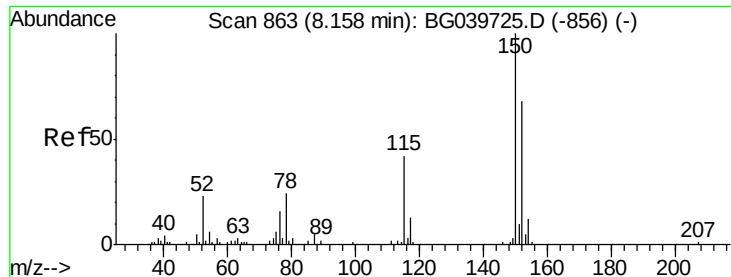
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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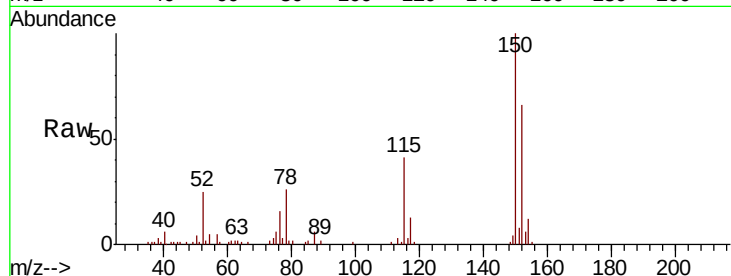


#1

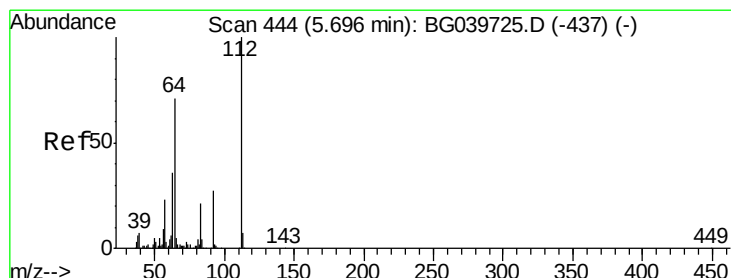
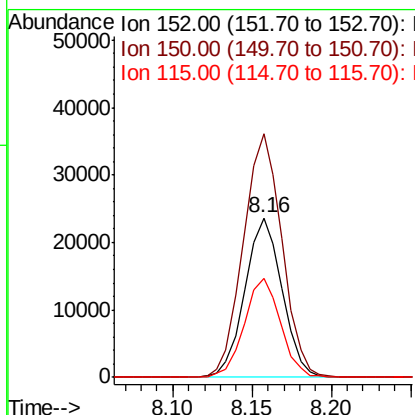
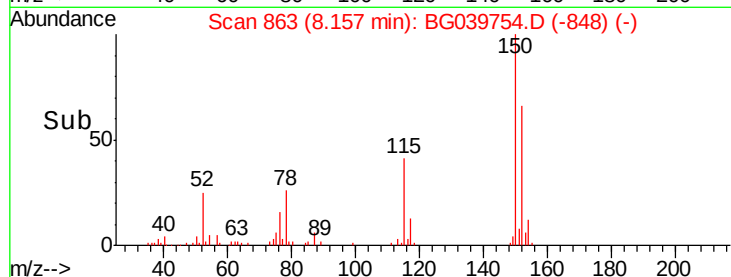
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039754.D
Acq: 5 Mar 2019 6:53

Instrument :
BNA_G
ClientSampleId :
JC-03-030119-C

Tgt Ion:152 Resp: 38489
Ion Ratio Lower Upper
152 100
150 152.5 123.7 185.5
115 62.1 45.9 68.9



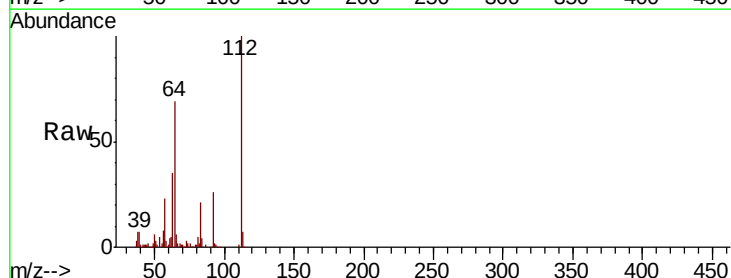
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



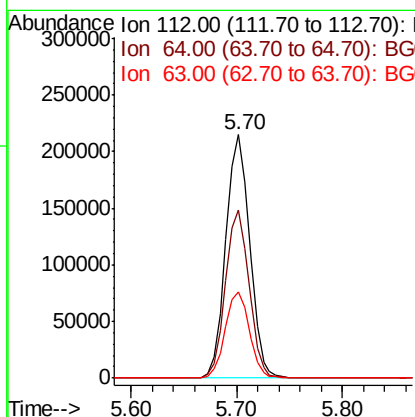
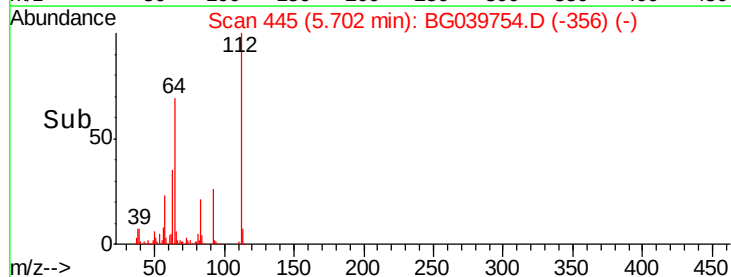
#5

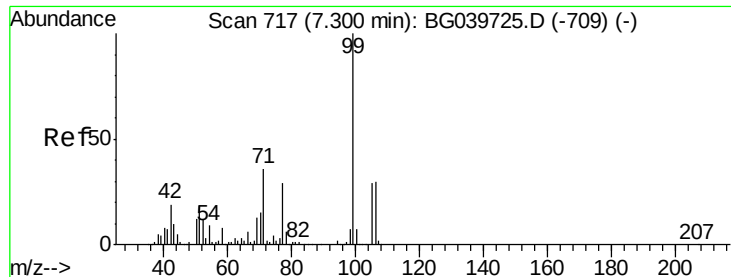
2-Fluorophenol
Concen: 149.304 ng
RT: 5.70 min Scan# 445
Delta R.T. -0.01 min
Lab File: BG039754.D
Acq: 5 Mar 2019 6:53

Tgt Ion:112 Resp: 336843
Ion Ratio Lower Upper
112 100
64 69.1 57.8 86.8
63 35.3 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: 130.617 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039754.D

Acq: 5 Mar 2019 6:53

Instrument :

BNA_G

ClientSampleId :

JC-03-030119-C

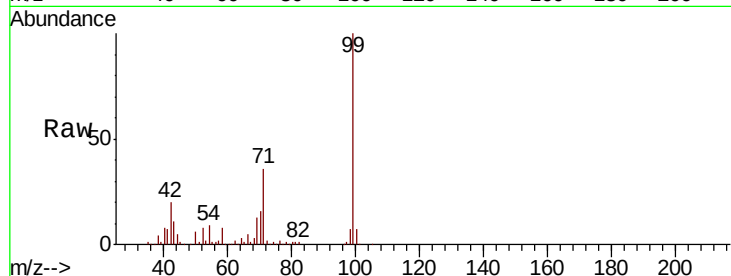
Tgt Ion: 99 Resp: 439388

Ion Ratio Lower Upper

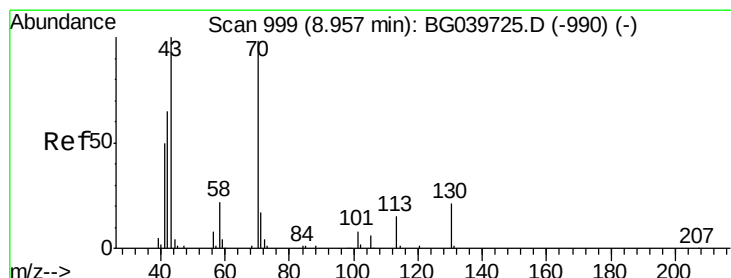
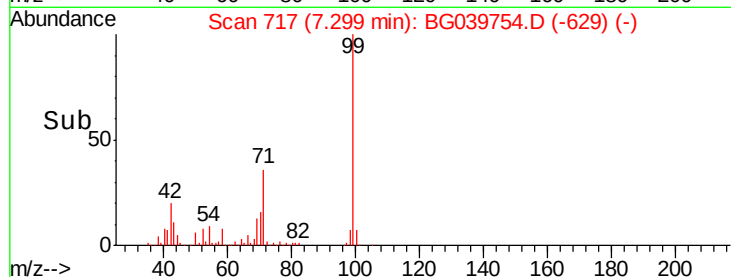
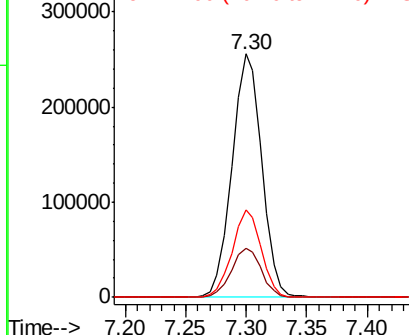
99 100

42 20.2 18.2 27.2

71 35.8 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



#19

n-Nitroso-di-n-propylamine

Concen: 17.075 ng

RT: 9.33 min Scan# 1063

Delta R.T. 0.36 min

Lab File: BG039754.D

Acq: 5 Mar 2019 6:53

Tgt Ion: 70 Resp: 41344

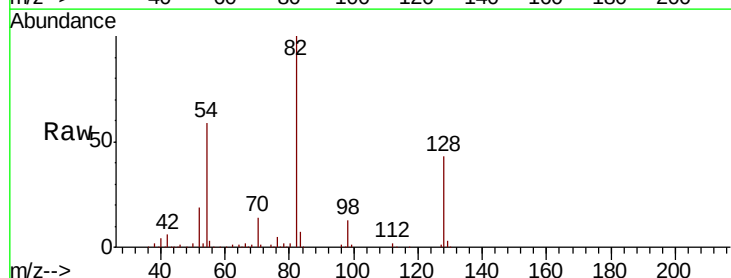
Ion Ratio Lower Upper

70 100

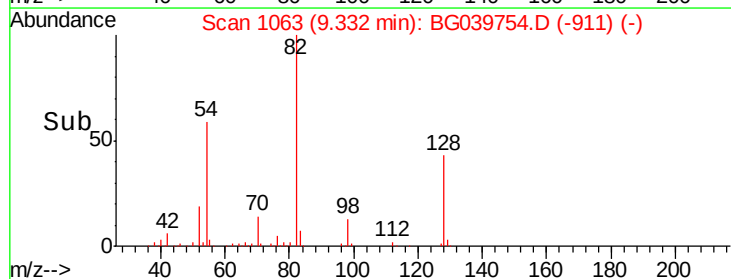
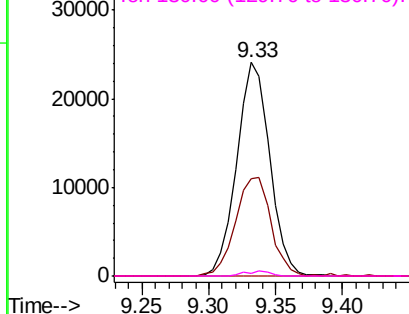
42 45.8 60.4 90.6#

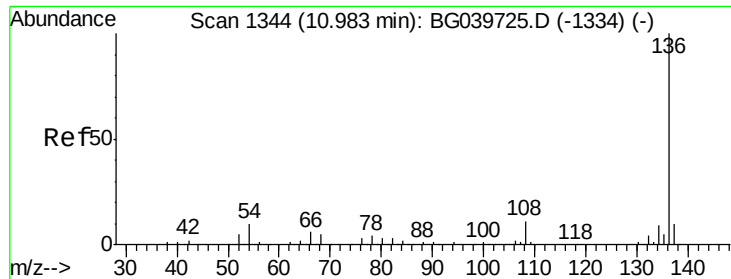
101 0.0 7.5 11.3#

130 1.4 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

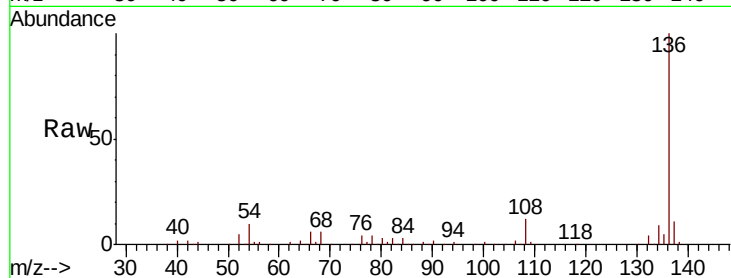




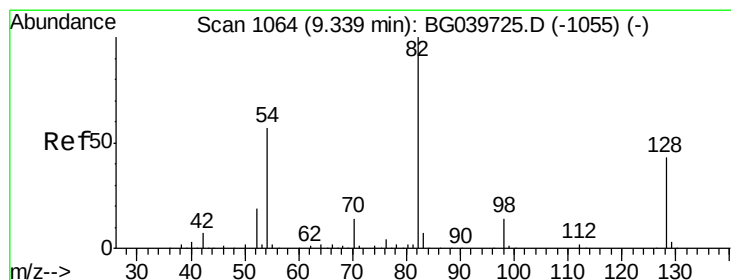
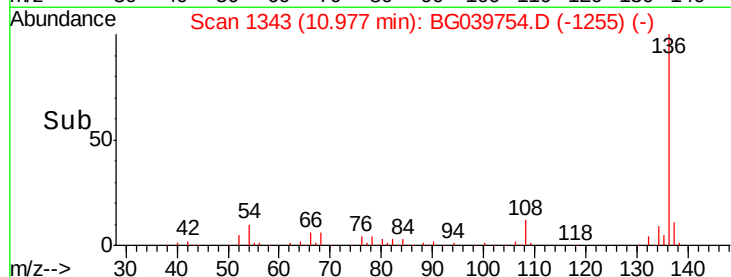
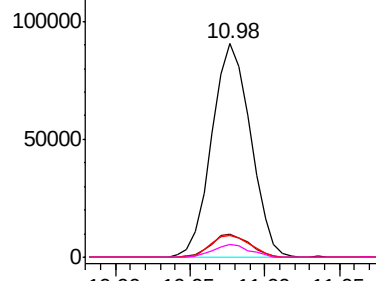
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039754.D
Acq: 5 Mar 2019 6:53

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BNA_G
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JC-03-030119-C

Tgt Ion:	136	Resp:	163168
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	10.2	9.4	14.2
68	6.0	4.2	6.4

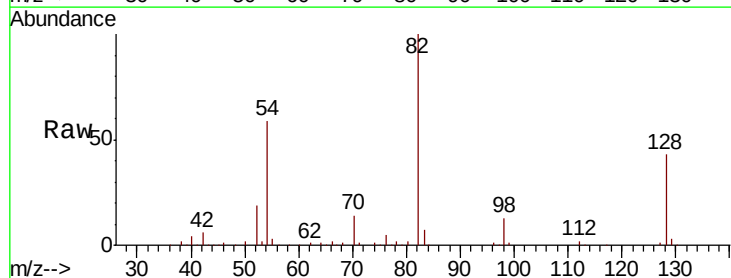


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

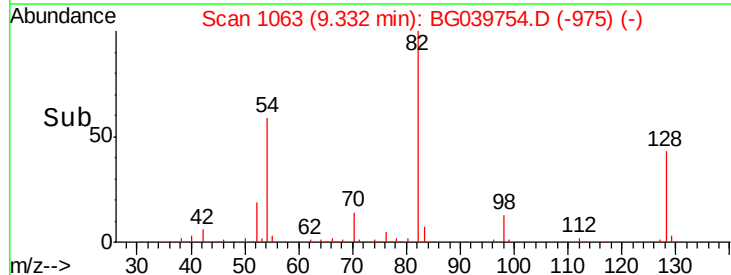
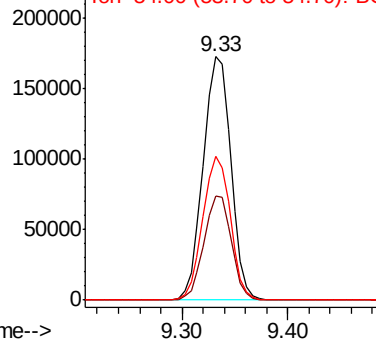


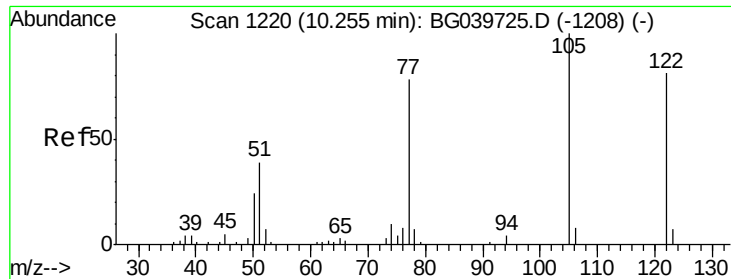
#23
Nitrobenzene-d5
Concen: 103.601 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039754.D
Acq: 5 Mar 2019 6:53

Tgt Ion:	82	Resp:	312557
Ion	Ratio	Lower	Upper
82	100		
128	42.9	31.3	46.9
54	58.9	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

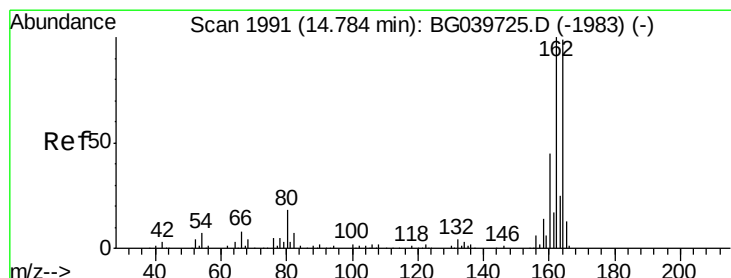
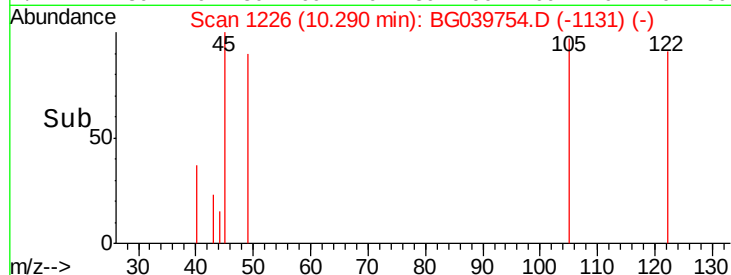
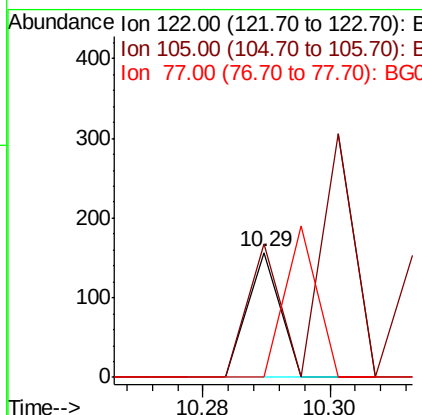
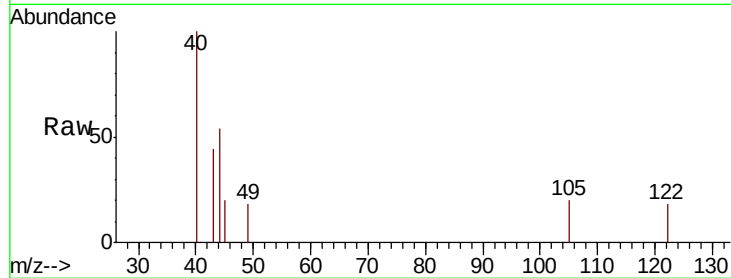




#32
Benzoic acid
Concen: 6.627 ng
RT: 10.29 min Scan# 1226
Delta R.T. 0.03 min
Lab File: BG039754.D
Acq: 5 Mar 2019 6:53

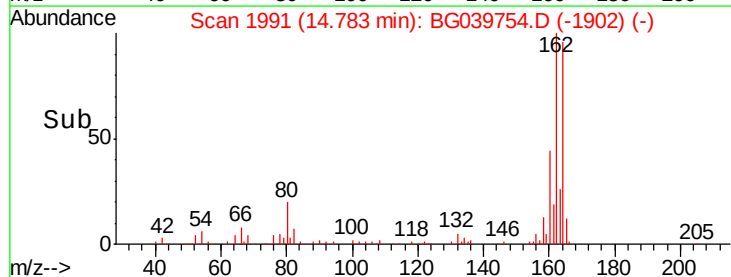
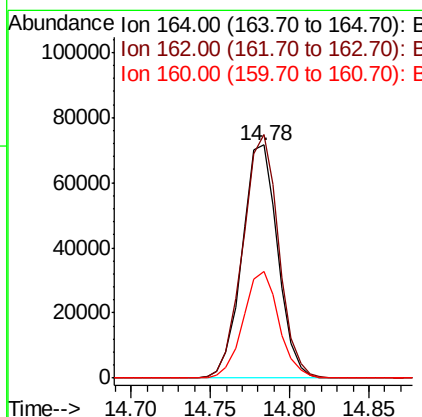
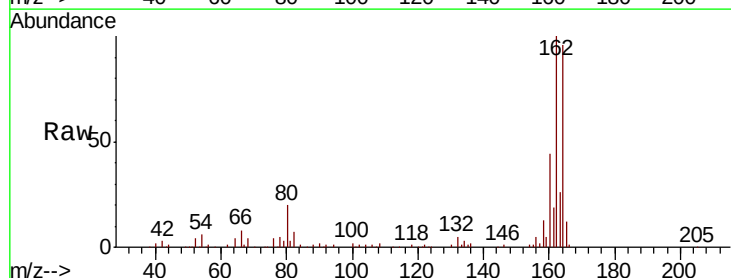
Instrument :
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ClientSampleId :
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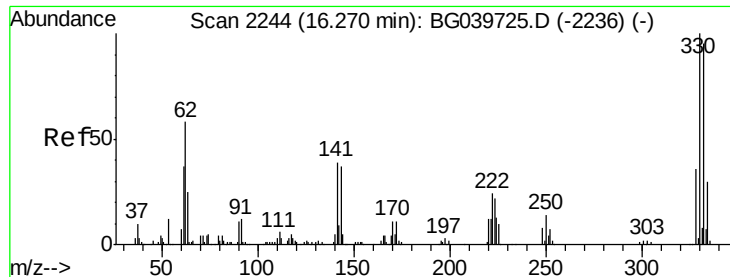
Tgt Ion:122 Resp: 55
Ion Ratio Lower Upper
122 100
105 106.4 101.8 141.8
77 0.0 76.3 116.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG039754.D
Acq: 5 Mar 2019 6:53

Tgt Ion:164 Resp: 111250
Ion Ratio Lower Upper
164 100
162 104.5 81.6 122.4
160 45.6 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 168.140 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.01 min

Lab File: BG039754.D

Acq: 5 Mar 2019 6:53

Instrument :

BNA_G

ClientSampleId :

JC-03-030119-C

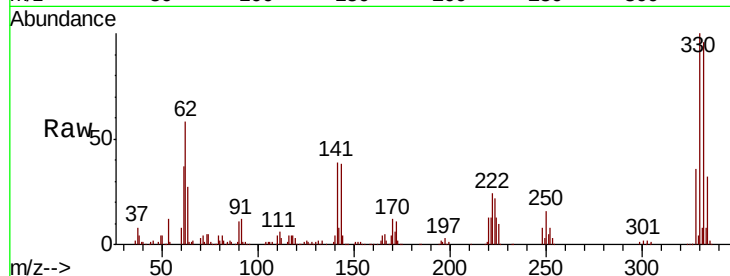
Tgt Ion:330 Resp: 218027

Ion Ratio Lower Upper

330 100

332 97.5 75.7 113.5

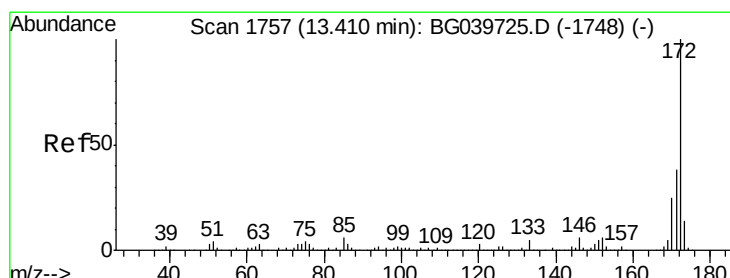
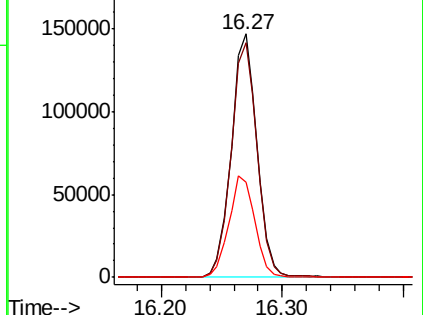
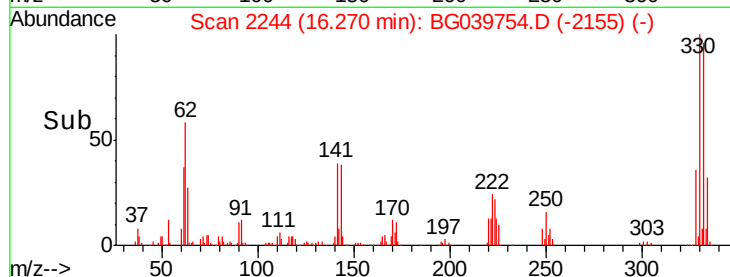
141 42.1 35.6 53.4



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: 96.675 ng

RT: 13.40 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BG039754.D

Acq: 5 Mar 2019 6:53

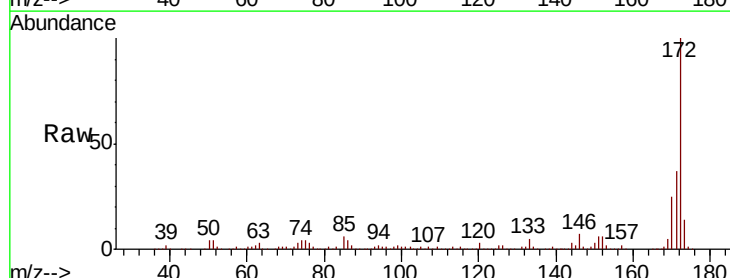
Tgt Ion:172 Resp: 755362

Ion Ratio Lower Upper

172 100

171 37.5 30.8 46.2

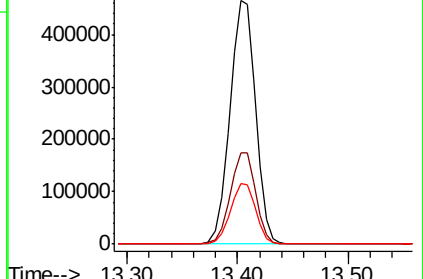
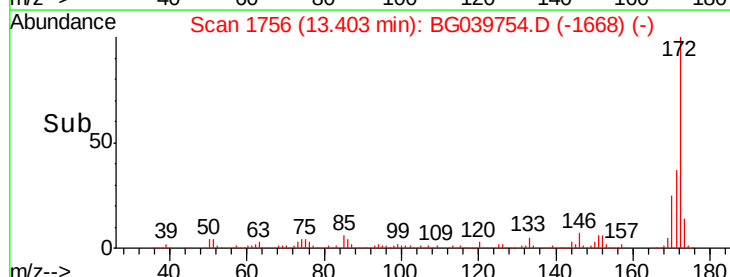
170 24.8 20.2 30.4

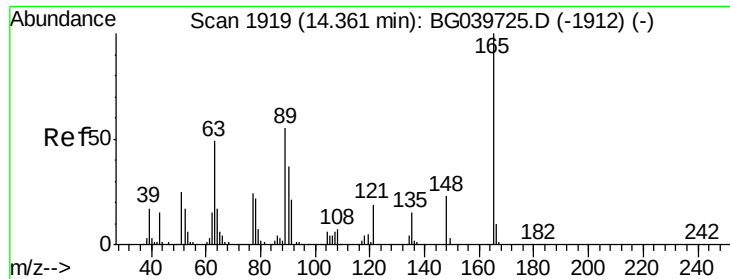


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

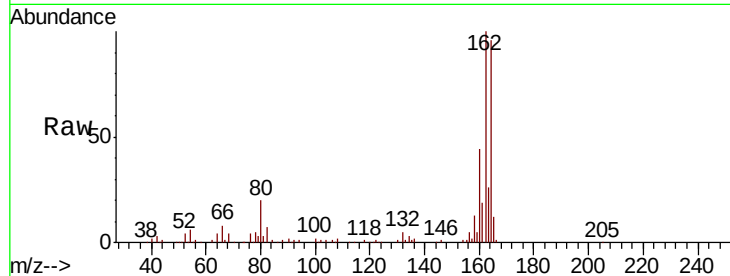




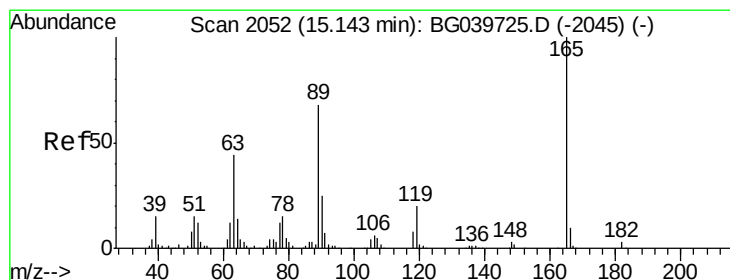
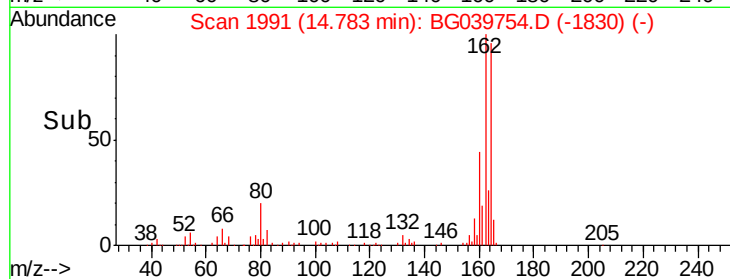
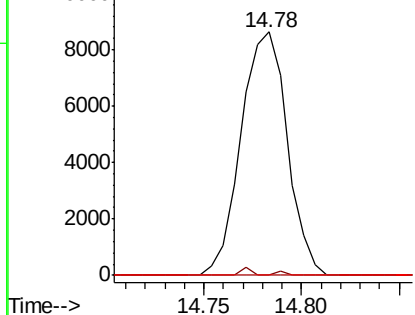
#51
 2,6-Dinitrotoluene
 Concen: 7.163 ng
 RT: 14.78 min Scan# 1991
 Delta R.T. 0.42 min
 Lab File: BG039754.D
 Acq: 5 Mar 2019 6:53

Instrument :
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 JC-03-030119-C

Tgt Ion:165 Resp: 14127
 Ion Ratio Lower Upper
 165 100
 63 0.0 47.0 70.6#
 89 0.0 45.8 68.8#

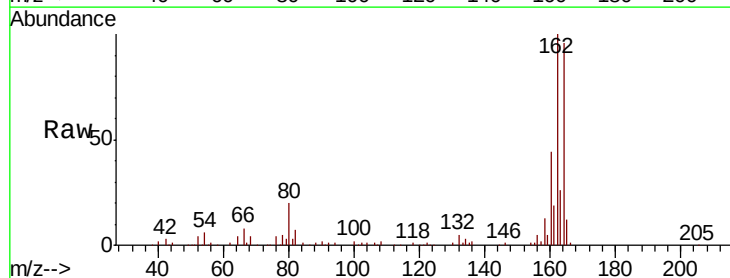


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

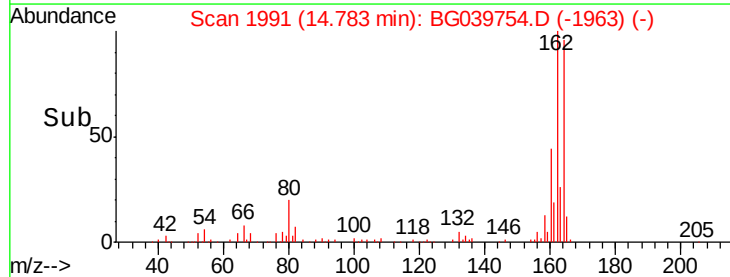
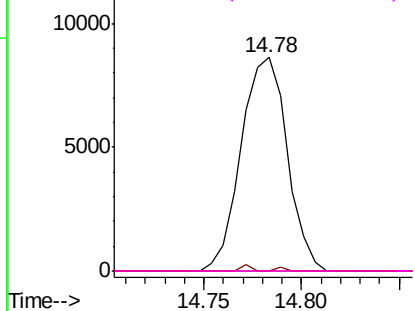


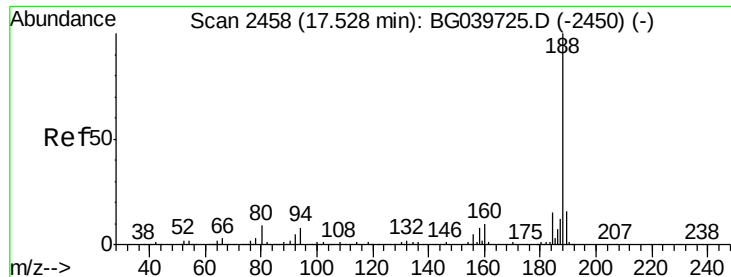
#57
 2,4-Dinitrotoluene
 Concen: 5.098 ng
 RT: 14.78 min Scan# 1991
 Delta R.T. -0.37 min
 Lab File: BG039754.D
 Acq: 5 Mar 2019 6:53

Tgt Ion:165 Resp: 14127
 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

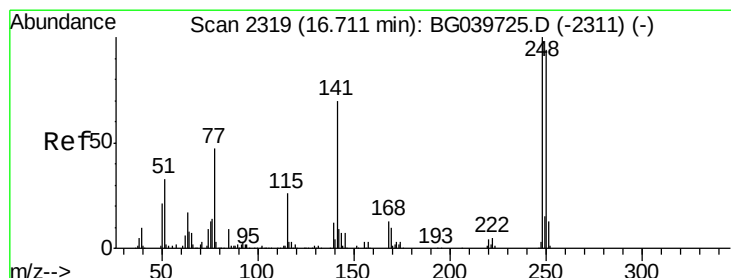
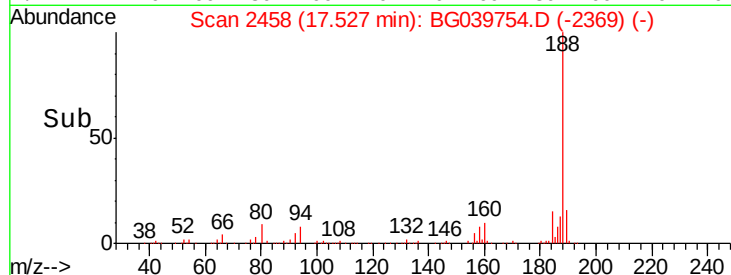
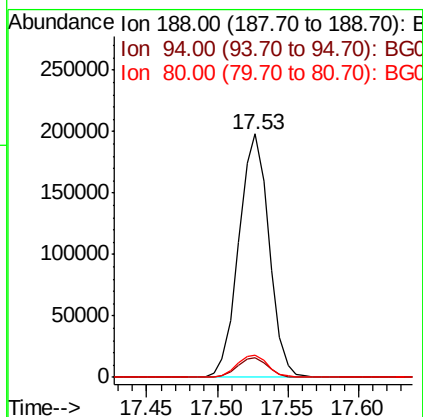
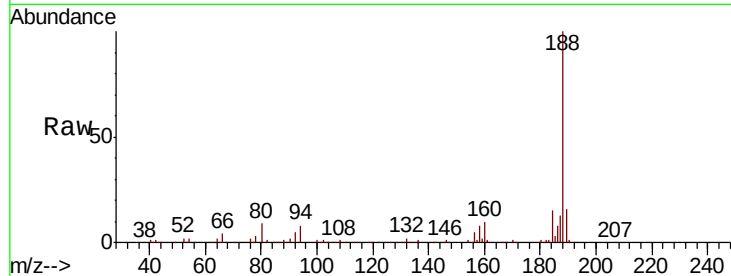




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.53 min Scan# 2458
 Delta R.T. -0.01 min
 Lab File: BG039754.D
 Acq: 5 Mar 2019 6:53

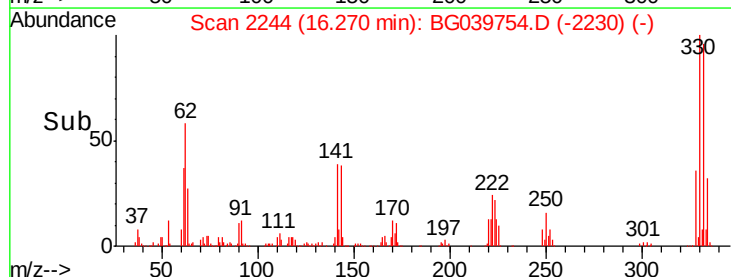
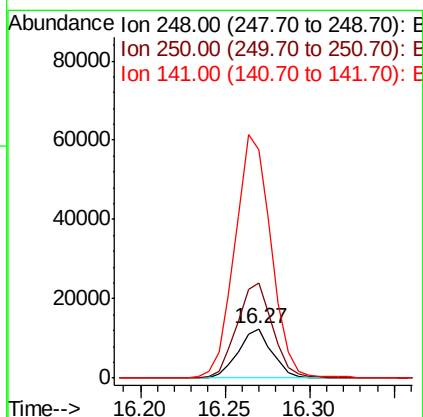
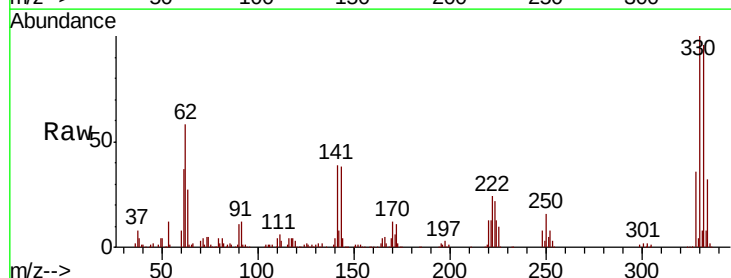
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-030119-C

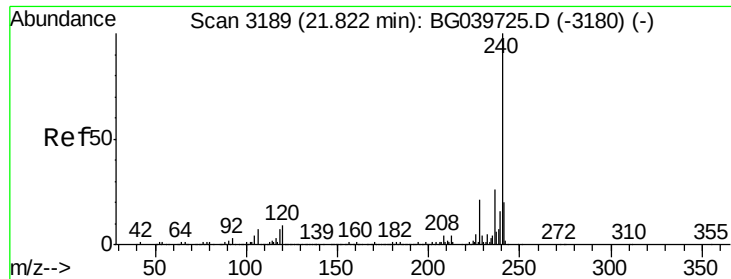
Tgt Ion:188 Resp: 296972
 Ion Ratio Lower Upper
 188 100
 94 8.2 6.9 10.3
 80 9.0 8.1 12.1



#67
 4-Bromophenyl-phenylether
 Concen: 5.209 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. -0.45 min
 Lab File: BG039754.D
 Acq: 5 Mar 2019 6:53

Tgt Ion:248 Resp: 17316
 Ion Ratio Lower Upper
 248 100
 250 192.4 77.6 116.4#
 141 463.9 63.9 95.9#

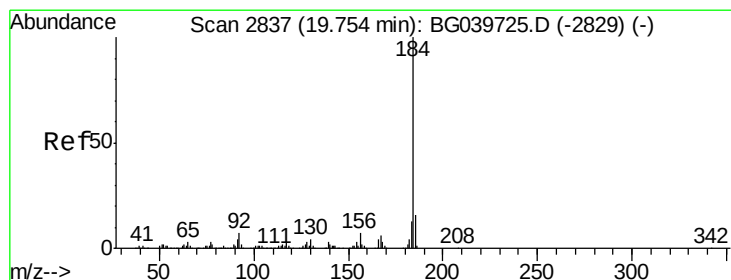
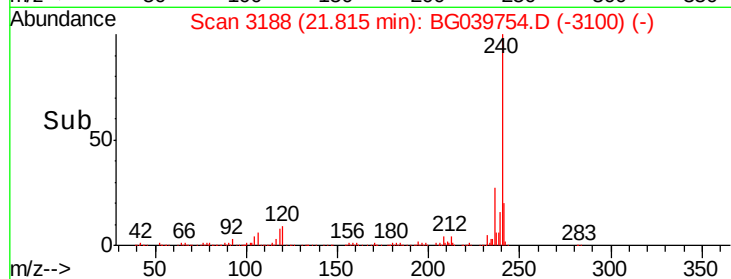
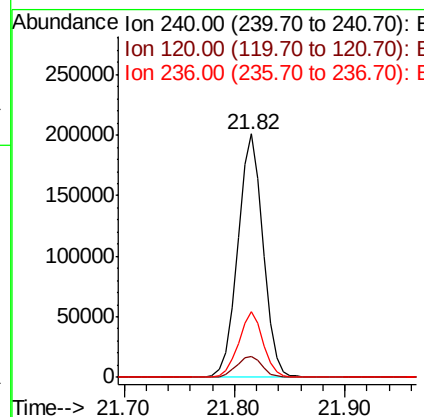
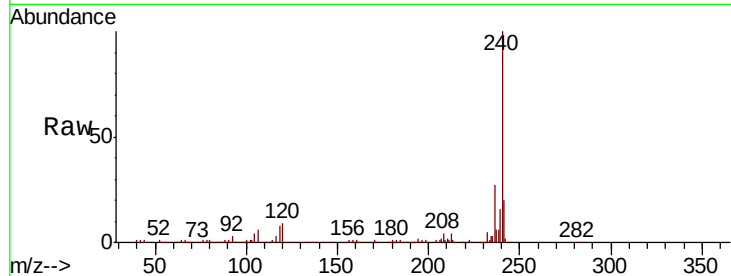




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.82 min Scan# 3188
 Delta R.T. -0.01 min
 Lab File: BG039754.D
 Acq: 5 Mar 2019 6:53

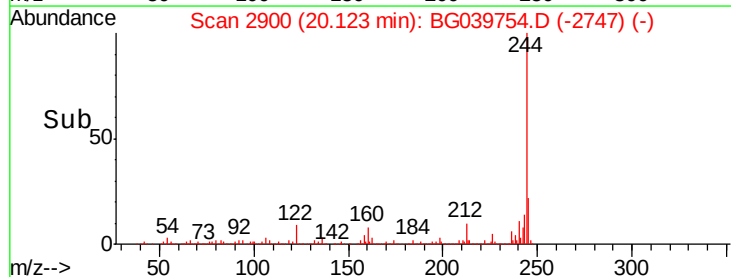
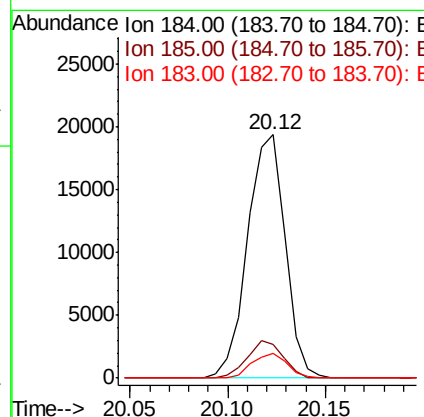
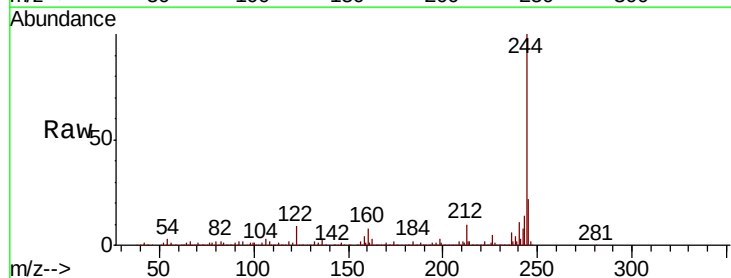
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-030119-C

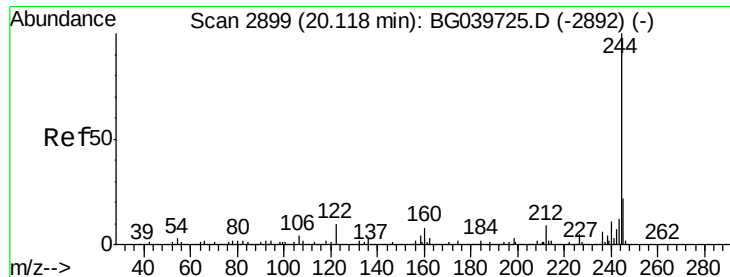
Tgt Ion: 240 Resp: 322068
 Ion Ratio Lower Upper
 240 100
 120 8.7 7.0 10.6
 236 26.8 21.0 31.4



#77
 Benzidine
 Concen: 2.531 ng
 RT: 20.12 min Scan# 2900
 Delta R.T. 0.37 min
 Lab File: BG039754.D
 Acq: 5 Mar 2019 6:53

Tgt Ion: 184 Resp: 25866
 Ion Ratio Lower Upper
 184 100
 185 13.9 12.2 18.2
 183 10.4 10.6 15.8#

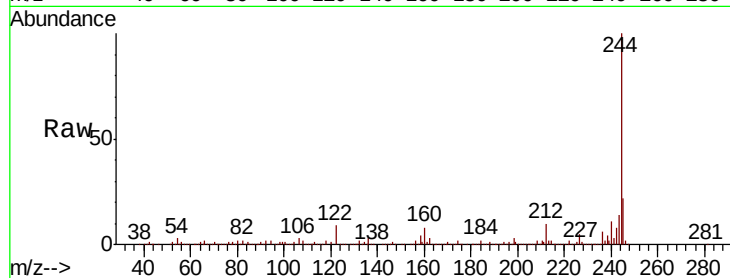




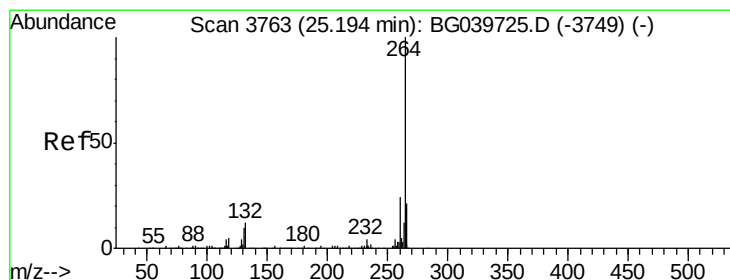
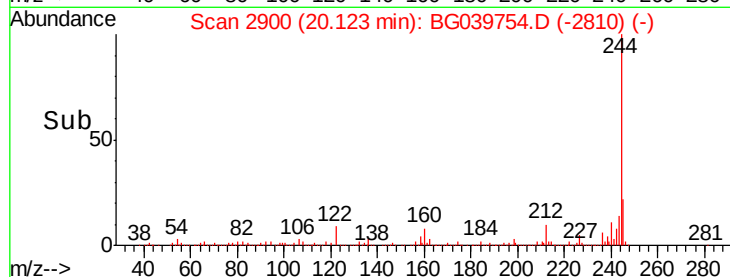
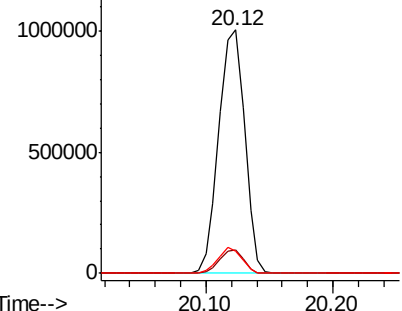
#79
 Terphenyl-d14
 Concen: 97.411 ng
 RT: 20.12 min Scan# 2900
 Delta R.T. -0.00 min
 Lab File: BG039754.D
 Acq: 5 Mar 2019 6:53

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-030119-C

Tgt Ion:244 Resp: 1424870
 Ion Ratio Lower Upper
 244 100
 212 9.8 7.3 10.9
 122 9.3 8.4 12.6

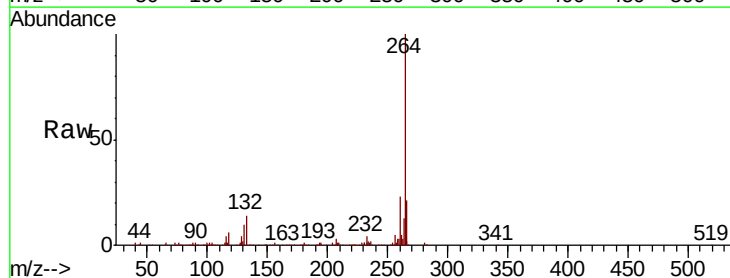


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.19 min Scan# 3762
 Delta R.T. -0.01 min
 Lab File: BG039754.D
 Acq: 5 Mar 2019 6:53

Tgt Ion:264 Resp: 317103
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.2 27.4
 265 21.5 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

