

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011619\
 Data File : BG039174.D
 Acq On : 17 Jan 2019 2:14
 Operator : JU/SJ
 Sample : K1010-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-B

Quant Time: Jan 17 04:06:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

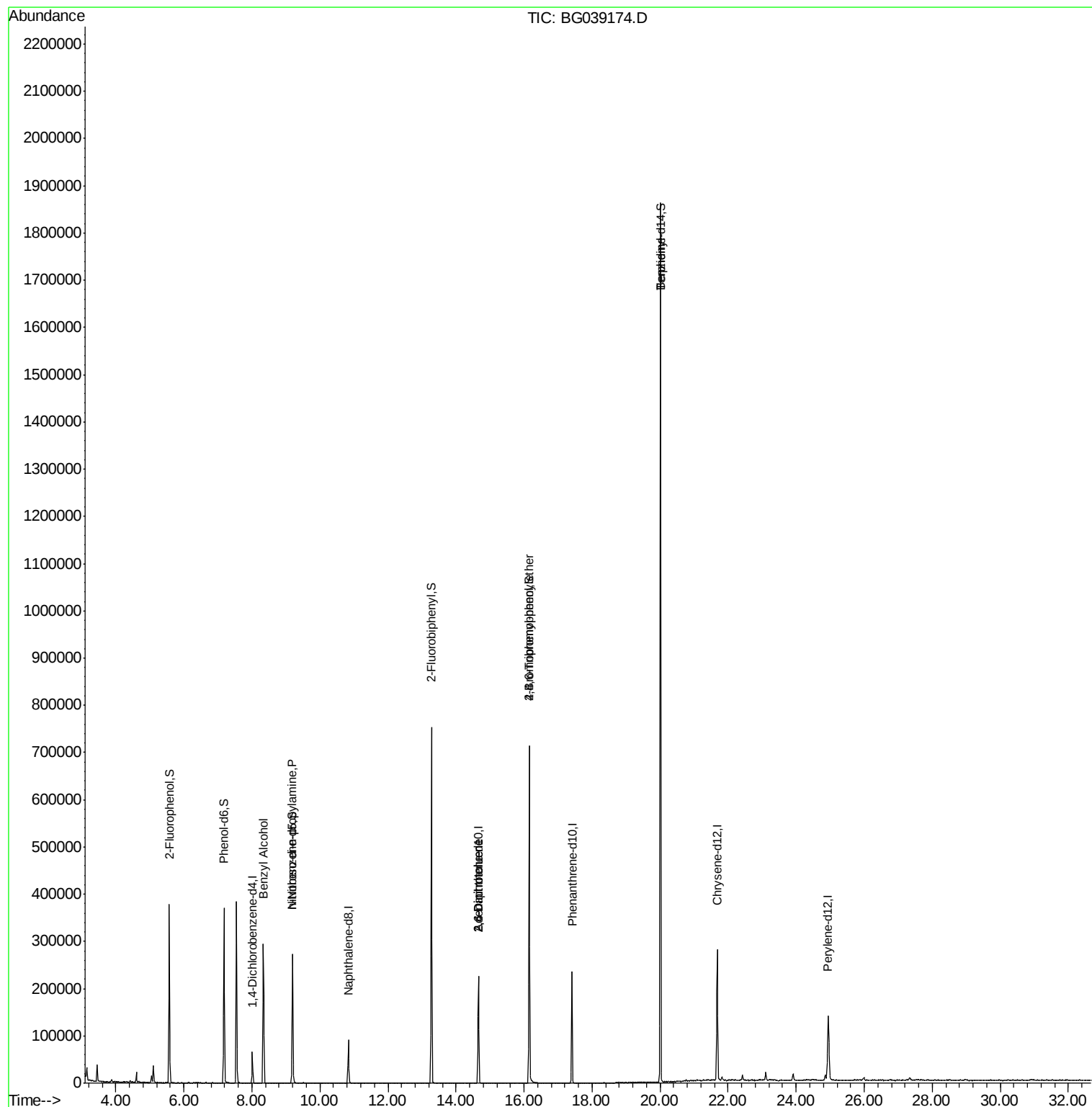
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	19561	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	85219	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	82630	20.00	ng	-0.01
64) Phenanthrene-d10	17.41	188	161278	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	184278	20.00	ng	-0.02
87) Perylene-d12	24.94	264	181084	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	157966	153.19	ng	-0.01
7) Phenol-d6	7.18	99	221794	149.46	ng	-0.01
23) Nitrobenzene-d5	9.19	82	166822	107.12	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	158615	114.51	ng	-0.02
45) 2-Fluorobiphenyl	13.28	172	422217	69.93	ng	-0.01
79) Terphenyl-d14	20.01	244	954765	95.84	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	8.34	79	2394	2.142	ng	# 54
19) n-Nitroso-di-n-propylamine	9.19	70	21730	22.299	ng	# 62
51) 2,6-Dinitrotoluene	14.66	165	10856	6.954	ng	# 24
57) 2,4-Dinitrotoluene	14.66	165	10856	4.847	ng	# 26
67) 4-Bromophenyl-phenylether	16.15	248	9572	4.617	ng	# 1
77) Benzidine	20.01	184	14984	2.658	ng	# 94

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

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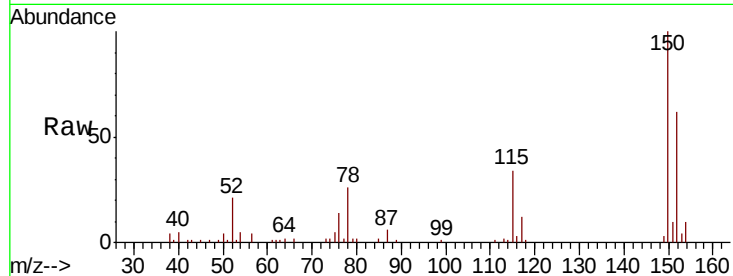




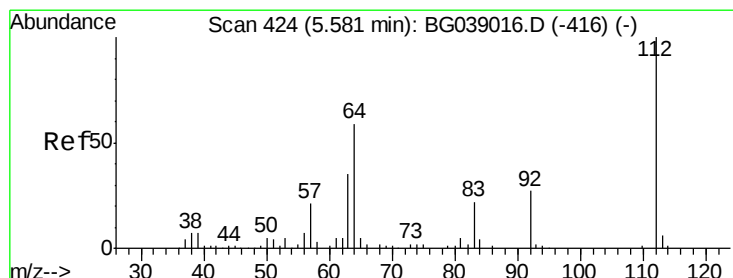
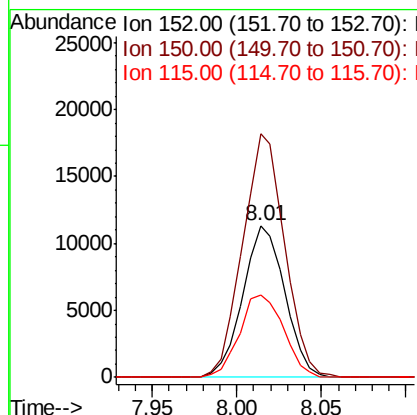
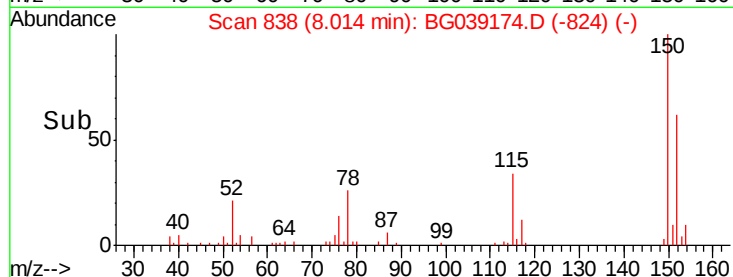
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.01 min Scan# 838
 Delta R.T. -0.02 min
 Lab File: BG039174.D
 Acq: 17 Jan 2019 2:14

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-B

Tgt Ion:152 Resp: 19561
 Ion Ratio Lower Upper
 152 100
 150 160.6 124.7 187.1
 115 54.0 46.5 69.7

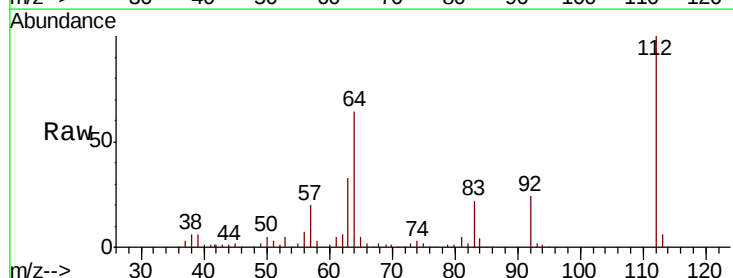


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

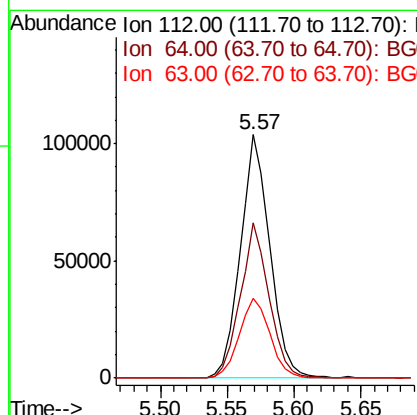
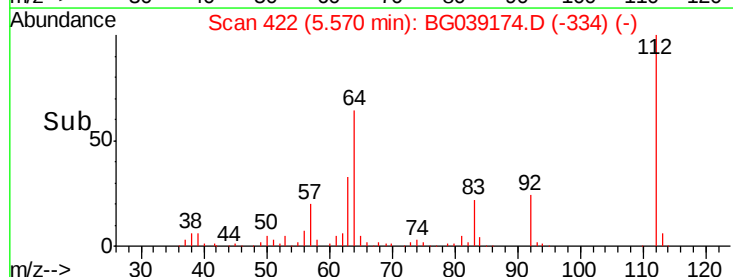


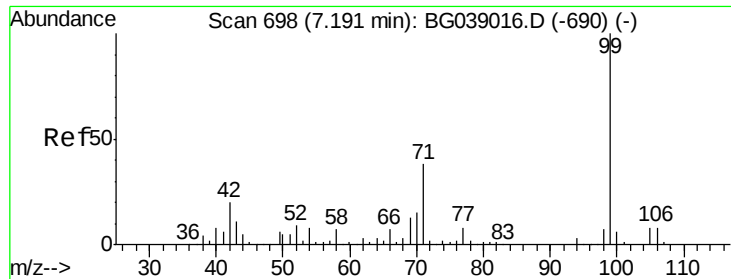
#5
 2-Fluorophenol
 Concen: 153.192 ng
 RT: 5.57 min Scan# 422
 Delta R.T. -0.01 min
 Lab File: BG039174.D
 Acq: 17 Jan 2019 2:14

Tgt Ion:112 Resp: 157966
 Ion Ratio Lower Upper
 112 100
 64 63.5 47.0 70.6
 63 32.9 28.0 42.0



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: 149.459 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG039174.D

Acq: 17 Jan 2019 2:14

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-B

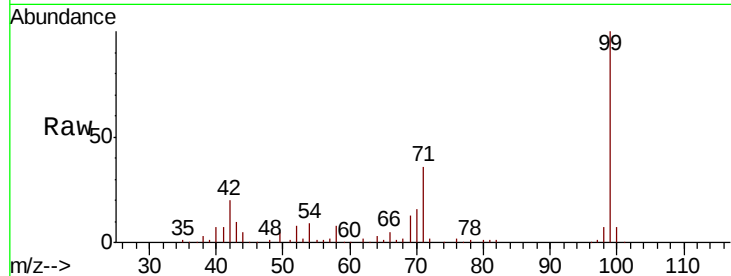
Tgt Ion: 99 Resp: 221794

Ion Ratio Lower Upper

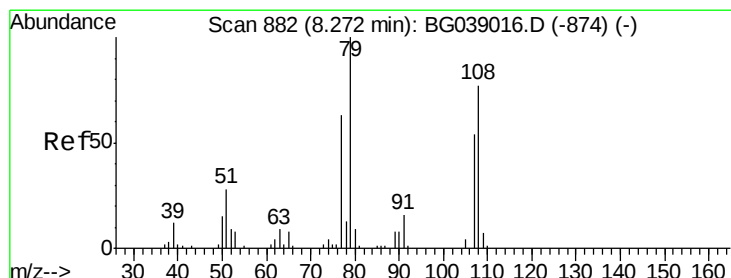
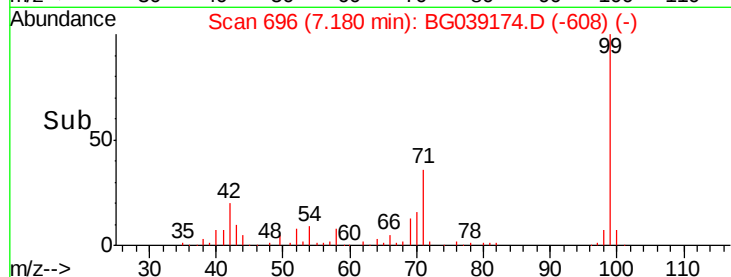
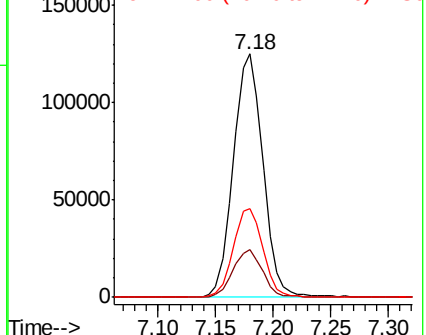
99 100

42 19.9 15.8 23.6

71 36.4 30.2 45.4



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



#15

Benzyl Alcohol

Concen: 2.142 ng

RT: 8.34 min Scan# 893

Delta R.T. 0.06 min

Lab File: BG039174.D

Acq: 17 Jan 2019 2:14

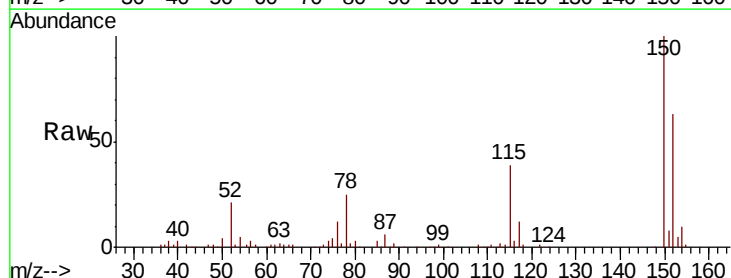
Tgt Ion: 79 Resp: 2394

Ion Ratio Lower Upper

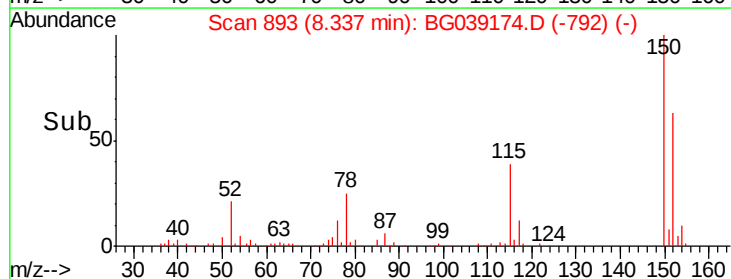
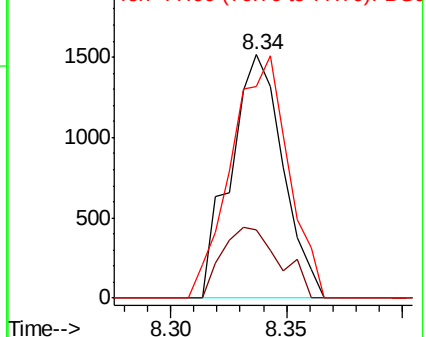
79 100

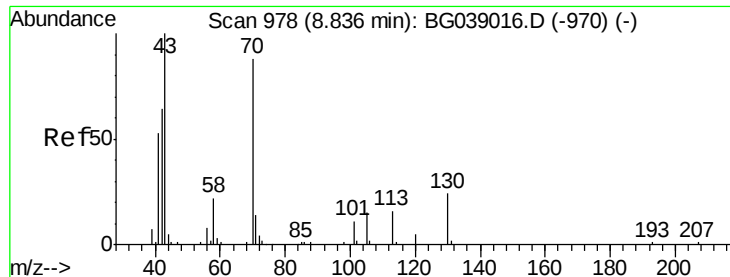
108 28.0 62.0 93.0#

77 87.0 50.1 75.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

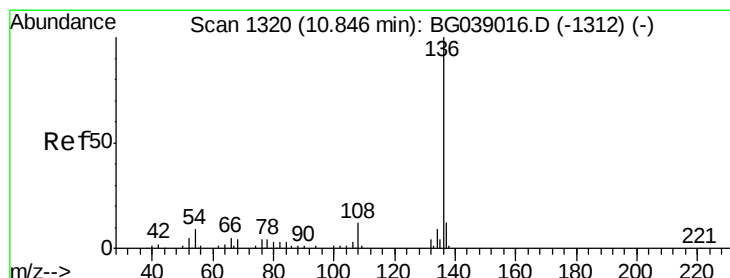
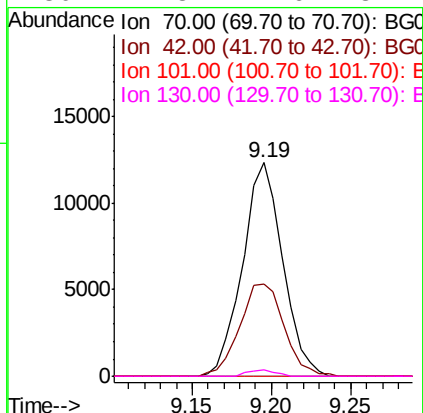
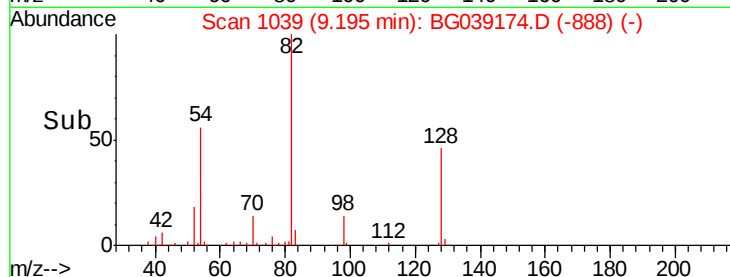
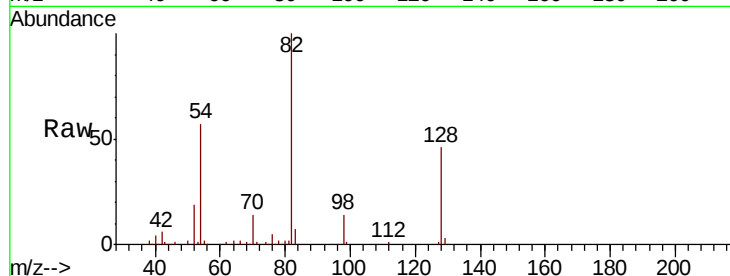




#19
n-Nitroso-di-n-propylamine
Concen: 22.299 ng
RT: 9.19 min Scan# 1039
Delta R.T. 0.36 min
Lab File: BG039174.D
Acq: 17 Jan 2019 2:14

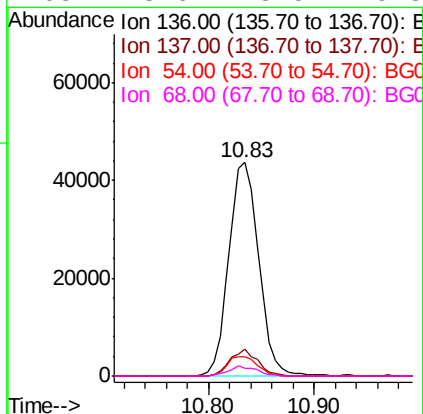
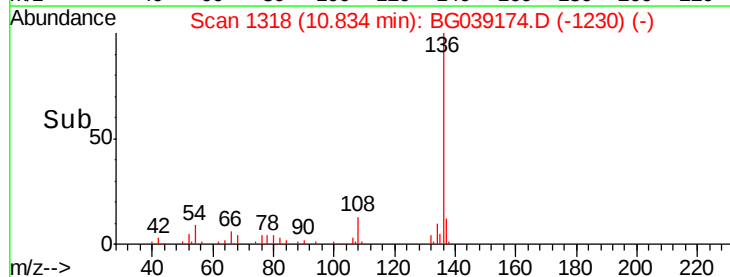
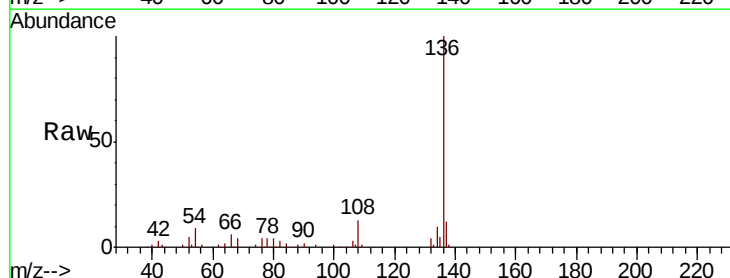
Instrument :
BNA_G
ClientSampleId :
OK-01-011519-B

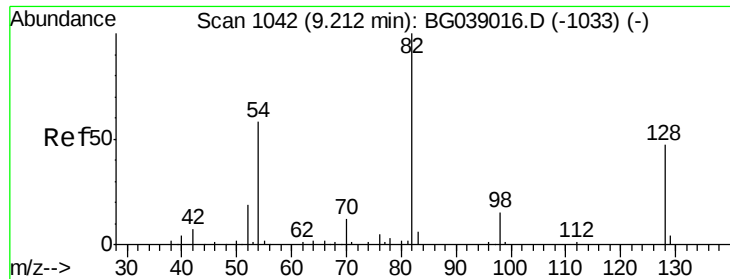
Tgt Ion: 70 Resp: 21730
Ion Ratio Lower Upper
70 100
42 43.4 59.0 88.4#
101 0.0 10.4 15.6#
130 2.8 21.6 32.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG039174.D
Acq: 17 Jan 2019 2:14

Tgt Ion: 136 Resp: 85219
Ion Ratio Lower Upper
136 100
137 12.3 9.4 14.2
54 9.0 7.2 10.8
68 3.6 3.5 5.3

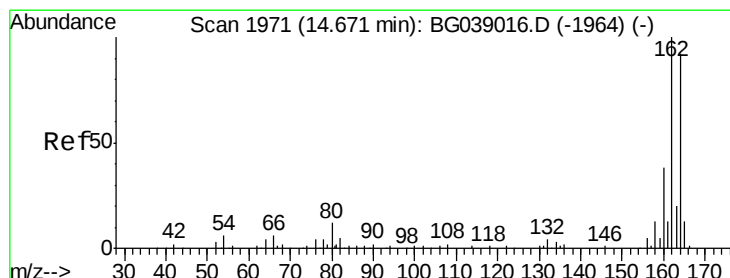
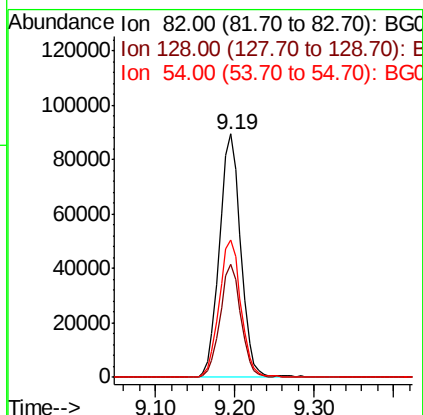
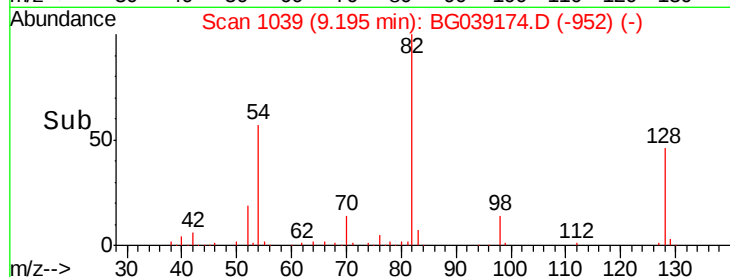
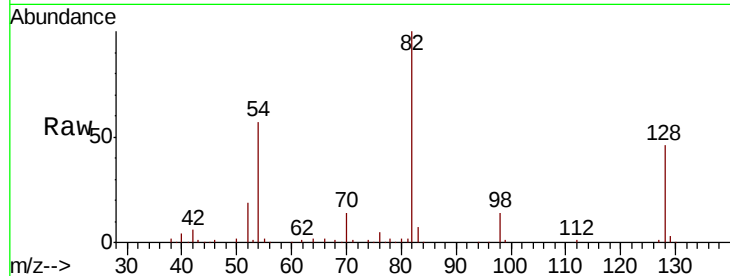




#23
Nitrobenzene-d5
Concen: 107.117 ng
RT: 9.19 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BG039174.D
Acq: 17 Jan 2019 2:14

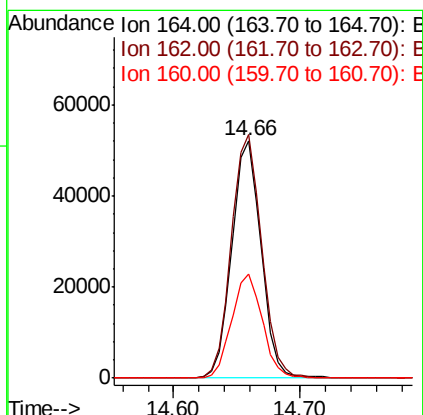
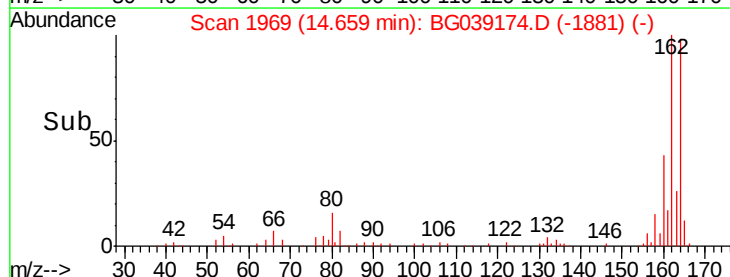
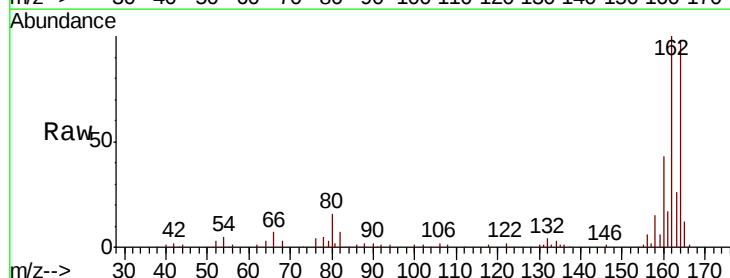
Instrument :
BNA_G
ClientSampleId :
OK-01-011519-B

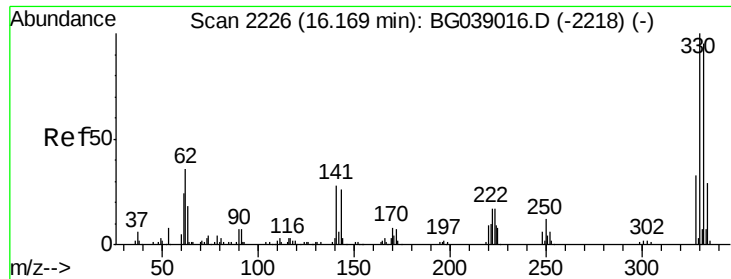
Tgt Ion: 82 Resp: 166822
Ion Ratio Lower Upper
82 100
128 46.5 37.3 55.9
54 56.6 46.4 69.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG039174.D
Acq: 17 Jan 2019 2:14

Tgt Ion: 164 Resp: 82630
Ion Ratio Lower Upper
164 100
162 102.4 87.2 130.8
160 43.8 33.3 49.9





#42

2,4,6-Tribromophenol

Concen: 114.515 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.02 min

Lab File: BG039174.D

Acq: 17 Jan 2019 2:14

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-B

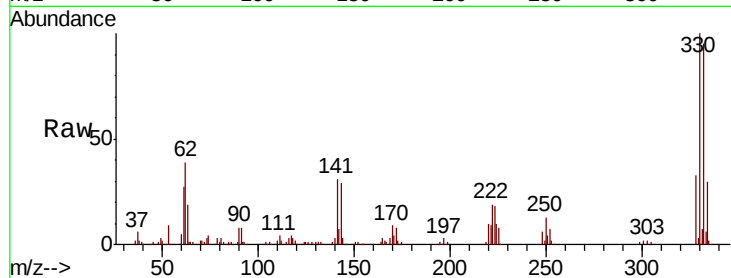
Tgt Ion:330 Resp: 158615

Ion Ratio Lower Upper

330 100

332 95.0 75.7 113.5

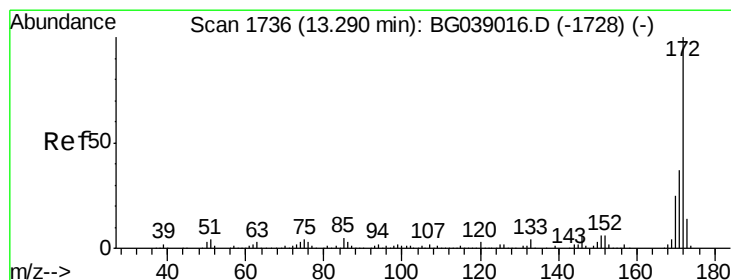
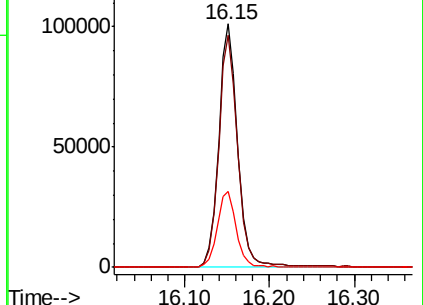
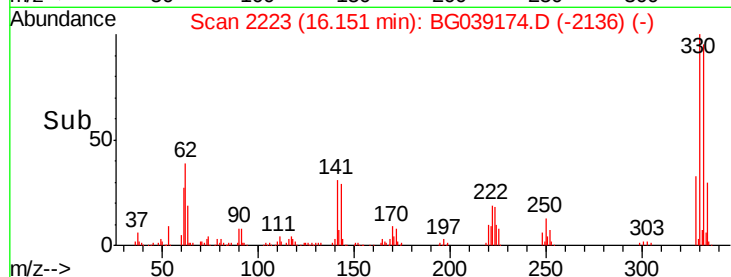
141 31.6 24.9 37.3



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: 69.930 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BG039174.D

Acq: 17 Jan 2019 2:14

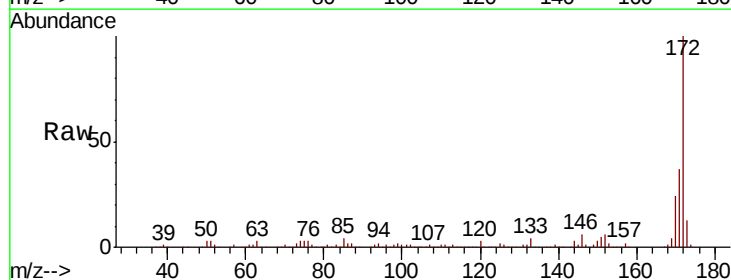
Tgt Ion:172 Resp: 422217

Ion Ratio Lower Upper

172 100

171 36.7 29.4 44.0

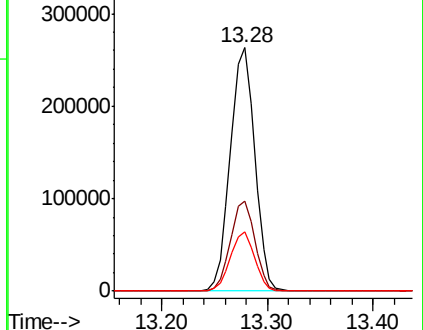
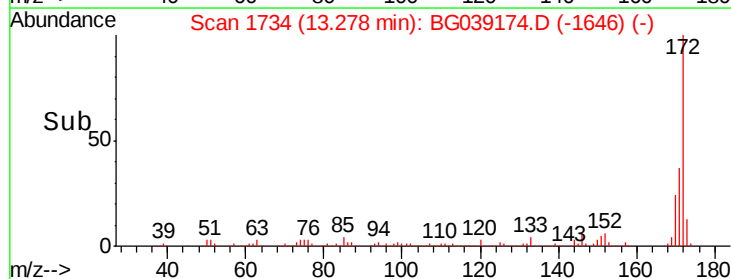
170 24.4 20.1 30.1

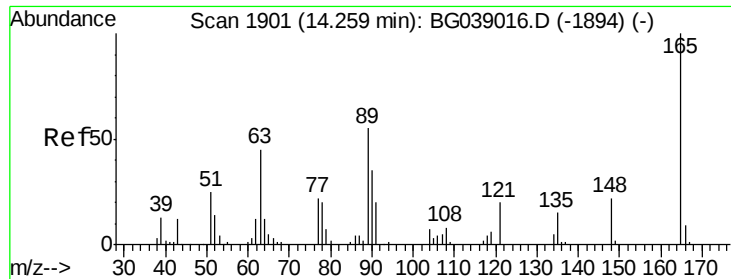


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

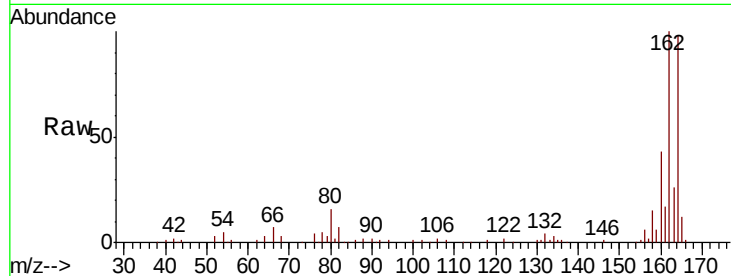




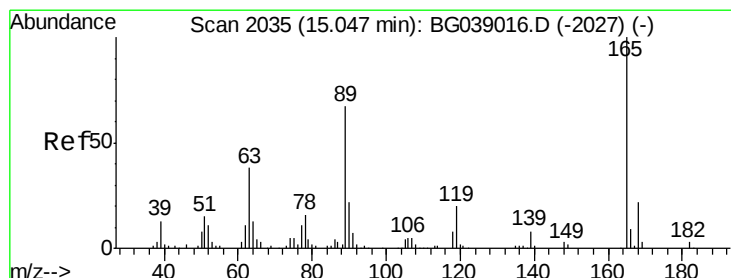
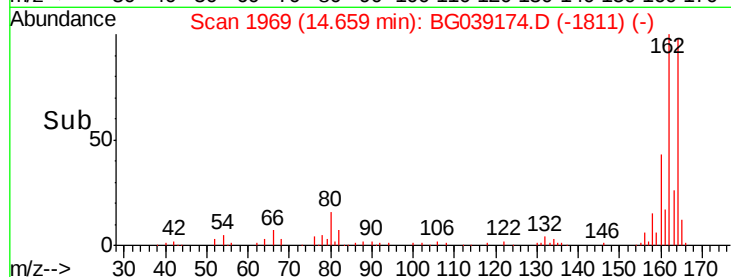
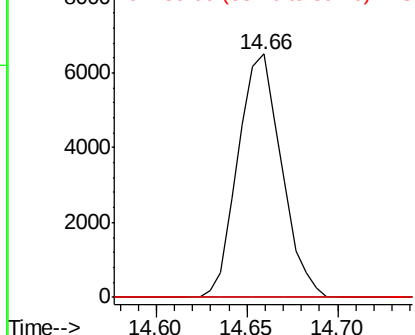
#51
 2,6-Dinitrotoluene
 Concen: 6.954 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. 0.40 min
 Lab File: BG039174.D
 Acq: 17 Jan 2019 2:14

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-B

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.6	65.4#
89	0.0	43.7	65.5#

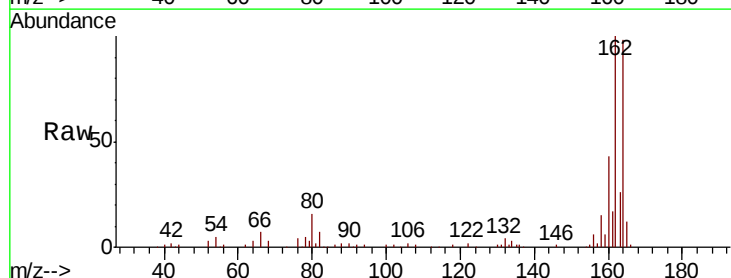


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

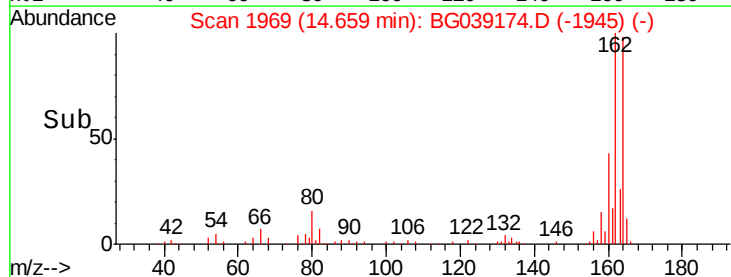
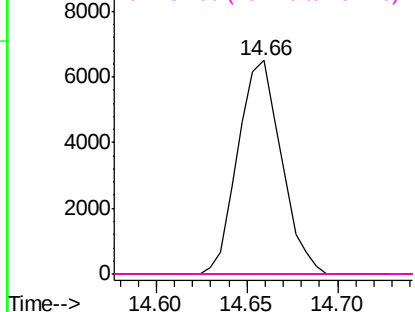


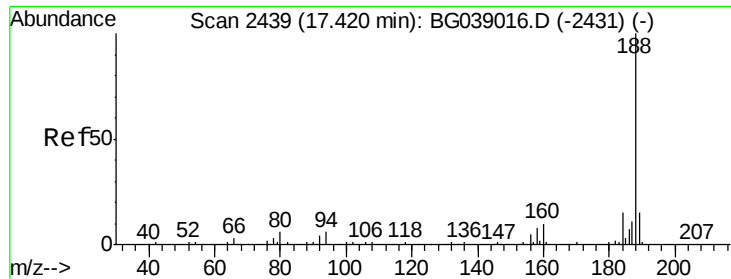
#57
 2,4-Dinitrotoluene
 Concen: 4.847 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.39 min
 Lab File: BG039174.D
 Acq: 17 Jan 2019 2:14

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.2	45.4#
89	0.0	53.2	79.8#
182	0.0	2.7	4.1#



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

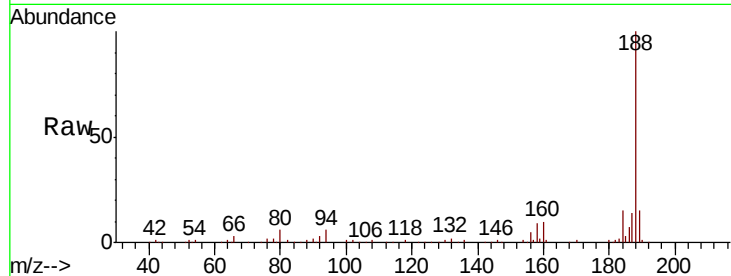




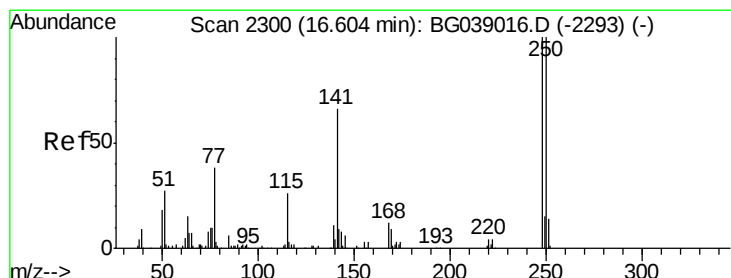
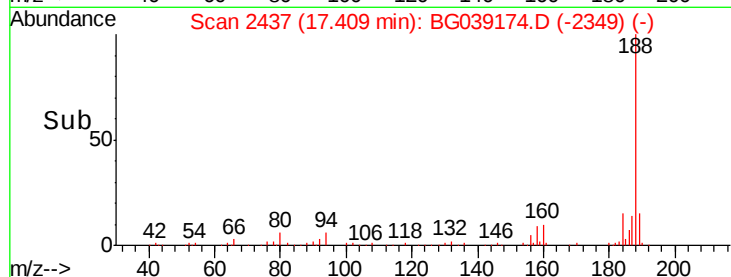
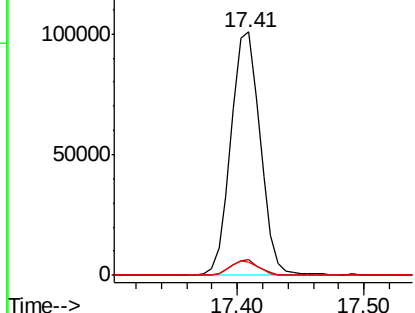
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG039174.D
Acq: 17 Jan 2019 2:14

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-B

Tgt Ion:188 Resp: 161278
Ion Ratio Lower Upper
188 100
94 6.5 5.0 7.4
80 5.7 4.7 7.1

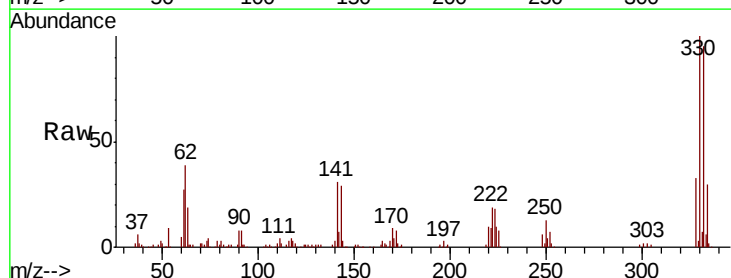


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

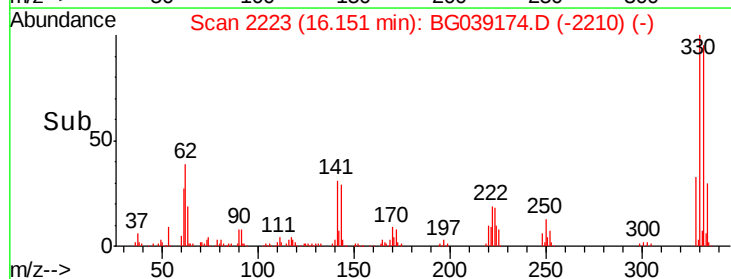
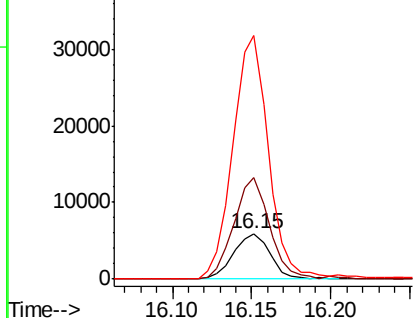


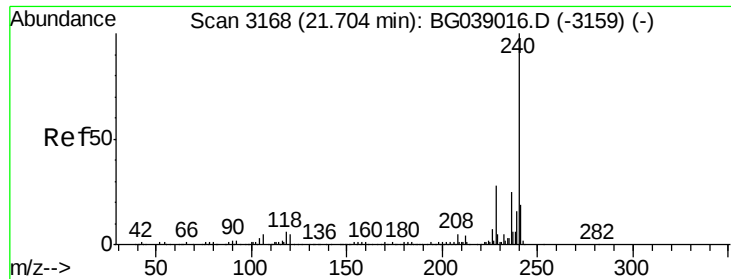
#67
4-Bromophenyl-phenylether
Concen: 4.617 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.45 min
Lab File: BG039174.D
Acq: 17 Jan 2019 2:14

Tgt Ion:248 Resp: 9572
Ion Ratio Lower Upper
248 100
250 289.8 79.9 119.9#
141 533.5 52.7 79.1#



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

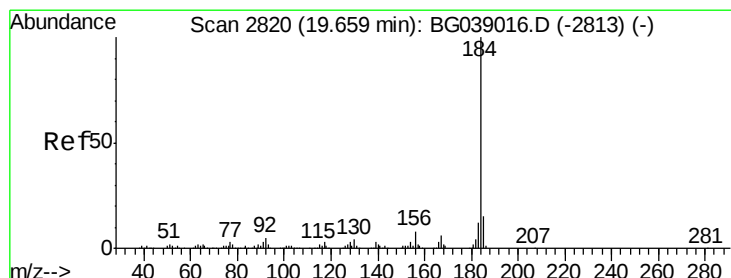
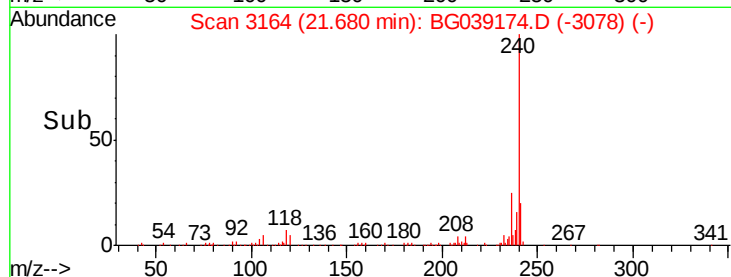
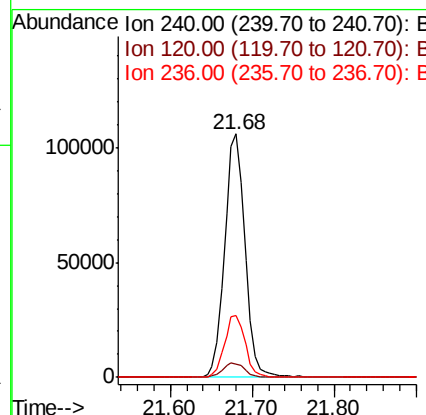
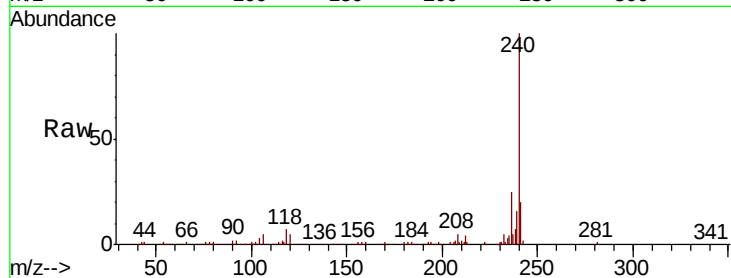




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.02 min
Lab File: BG039174.D
Acq: 17 Jan 2019 2:14

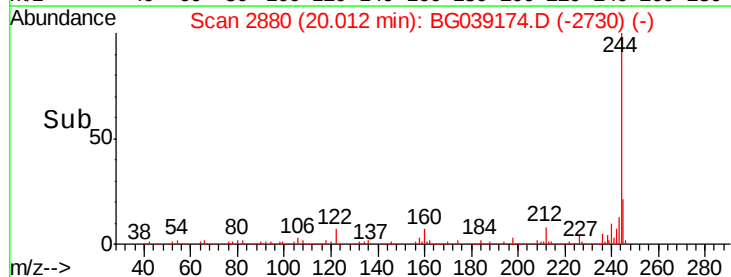
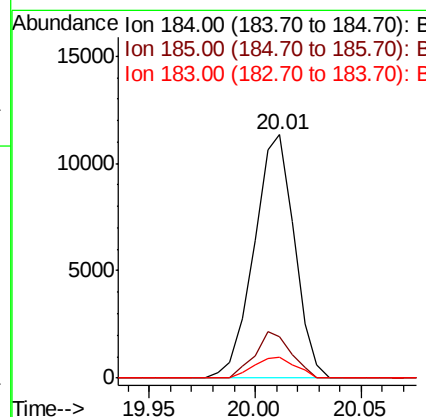
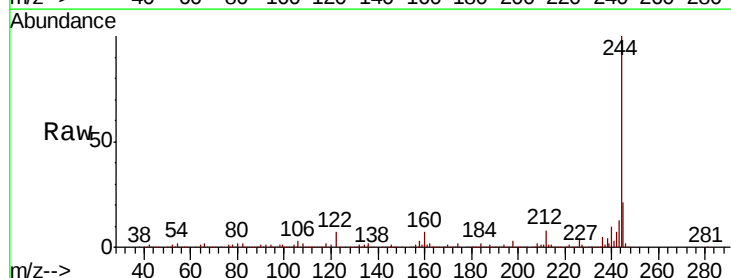
Instrument :
BNA_G
ClientSampleId :
OK-01-011519-B

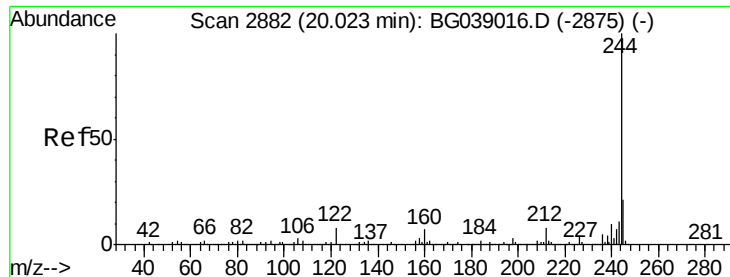
Tgt Ion:240 Resp: 184278
Ion Ratio Lower Upper
240 100
120 5.4 4.3 6.5
236 25.3 20.1 30.1



#77
Benzidine
Concen: 2.658 ng
RT: 20.01 min Scan# 2880
Delta R.T. 0.35 min
Lab File: BG039174.D
Acq: 17 Jan 2019 2:14

Tgt Ion:184 Resp: 14984
Ion Ratio Lower Upper
184 100
185 16.8 12.1 18.1
183 8.4 9.5 14.3#





#79

Terphenyl-d14

Concen: 95.845 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG039174.D

Acq: 17 Jan 2019 2:14

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-B

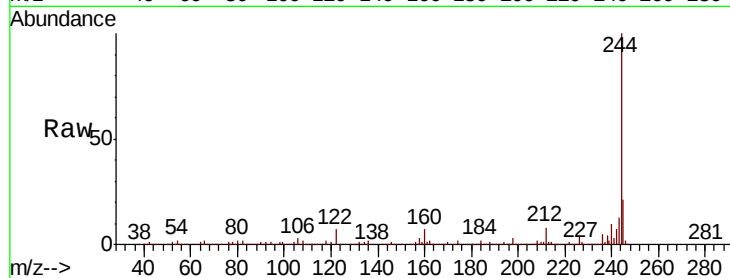
Tgt Ion:244 Resp: 954765

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

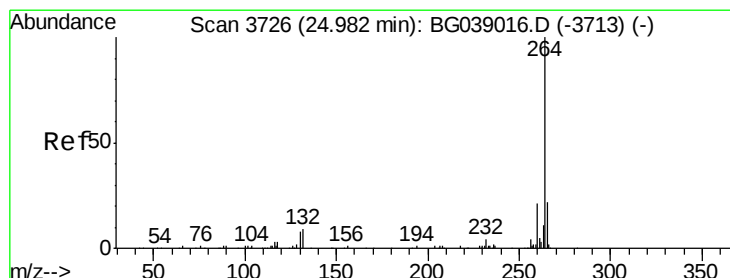
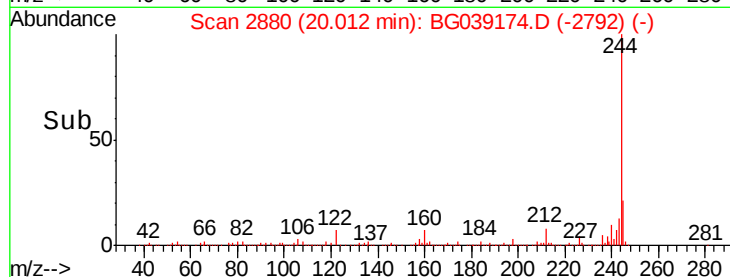
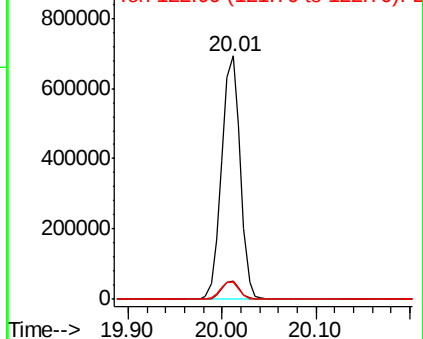
122 6.9 6.1 9.1



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: 24.94 min Scan# 3719

Delta R.T. -0.04 min

Lab File: BG039174.D

Acq: 17 Jan 2019 2:14

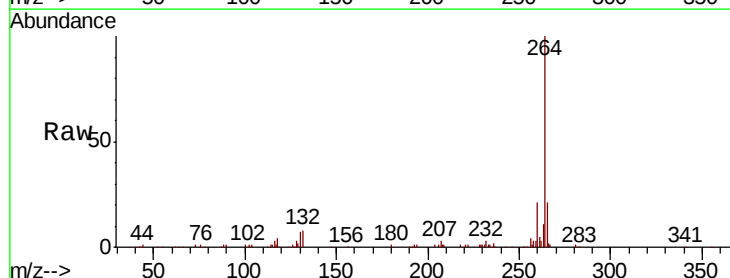
Tgt Ion:264 Resp: 181084

Ion Ratio Lower Upper

264 100

260 21.2 17.0 25.6

265 20.7 17.2 25.8



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

