

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062219\
 Data File : BG041404.D
 Acq On : 22 Jun 2019 15:42
 Operator : HP/JU
 Sample : K3159-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-061919-A

Quant Time: Jun 24 02:09:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

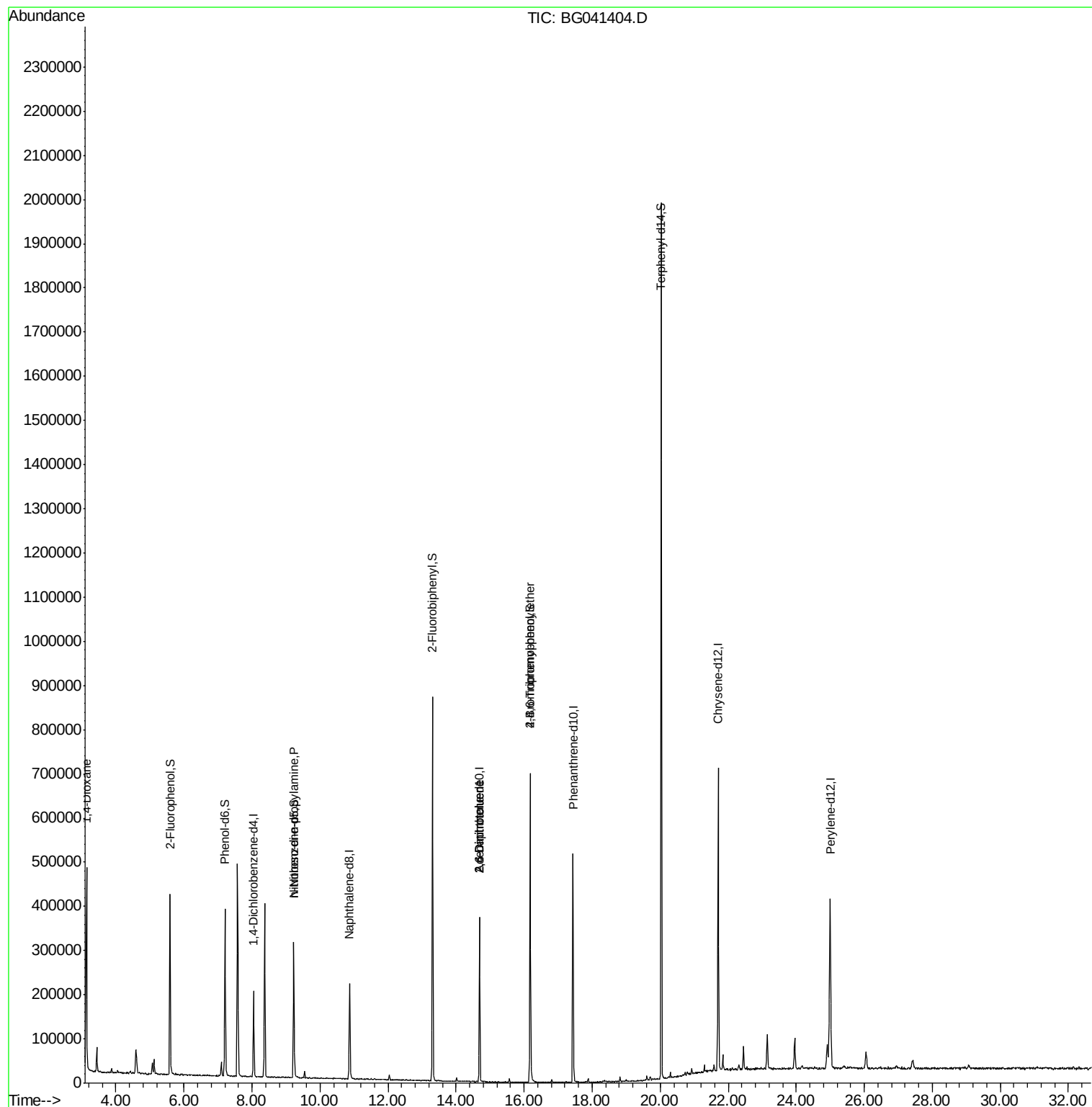
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	52023	20.00	ng	-0.03
21) Naphthalene-d8	10.87	136	186783	20.00	ng	-0.04
39) Acenaphthene-d10	14.69	164	130654	20.00	ng	-0.03
64) Phenanthrene-d10	17.43	188	347116	20.00	ng	-0.03
76) Chrysene-d12	21.71	240	416138	20.00	ng	-0.03
87) Perylene-d12	25.00	264	456439	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	165162	58.33	ng	-0.03
7) Phenol-d6	7.21	99	204398	49.80	ng	-0.03
23) Nitrobenzene-d5	9.23	82	188948	42.54	ng	-0.03
42) 2,4,6-Tribromophenol	16.18	330	142676	71.13	ng	-0.03
45) 2-Fluorobiphenyl	13.31	172	433754	45.12	ng	-0.03
79) Terphenyl-d14	20.03	244	957073	45.58	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	3.13	88	4875	3.434	ng	# 1
19) n-Nitroso-di-n-propylamine	9.23	70	28148	8.480	ng	# 74
51) 2,6-Dinitrotoluene	14.69	165	17402	7.099	ng	# 18
57) 2,4-Dinitrotoluene	14.69	165	17402	4.857	ng	# 21
67) 4-Bromophenyl-phenylether	16.18	248	10056	2.240	ng	# 1

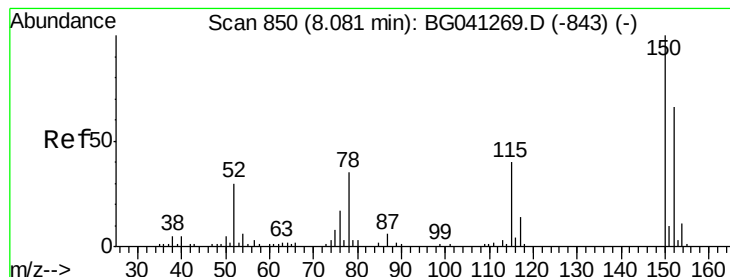
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.03 min

Lab File: BG041404.D

Acq: 22 Jun 2019 15:42

Instrument :

BNA_G

ClientSampleId :

OR-02-061919-A

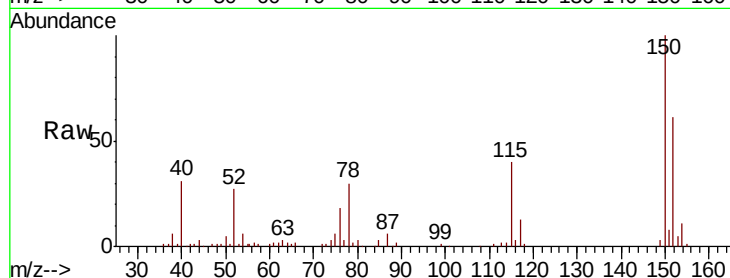
Tot Ion:152 Resp: 52023

Ion Ratio Lower Upper

152 100

150 163.4 120.6 181.0

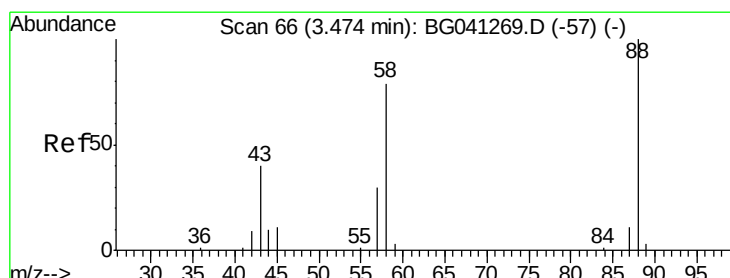
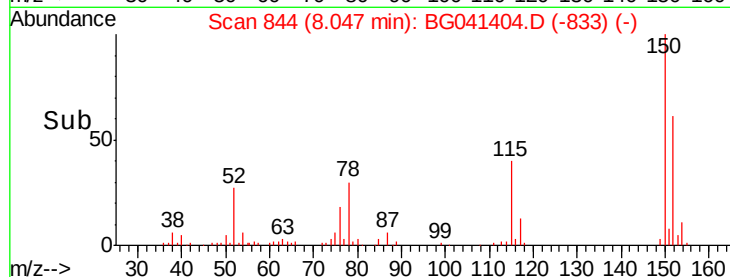
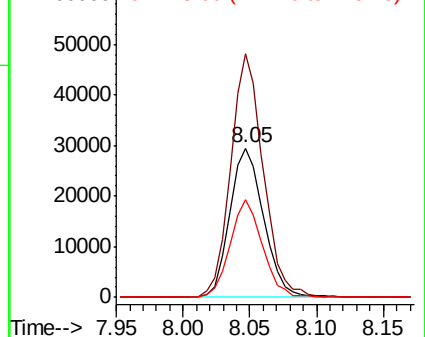
115 66.0 47.9 71.9



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



#2

1,4-Dioxane

Concen: 3.434 ng

RT: 3.13 min Scan# 7

Delta R.T. -0.35 min

Lab File: BG041404.D

Acq: 22 Jun 2019 15:42

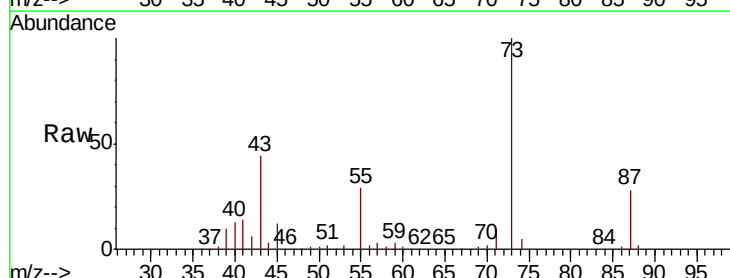
Tgt Ion: 88 Resp: 4875

Ion Ratio Lower Upper

88 100

58 29.7 59.7 89.5#

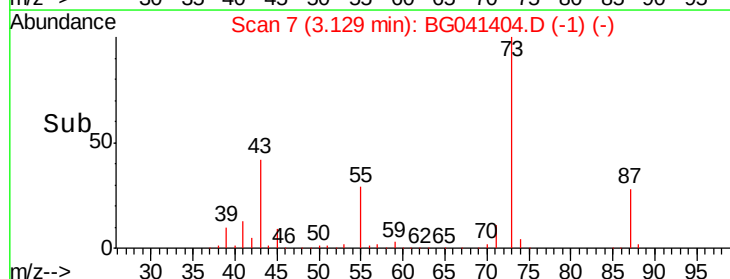
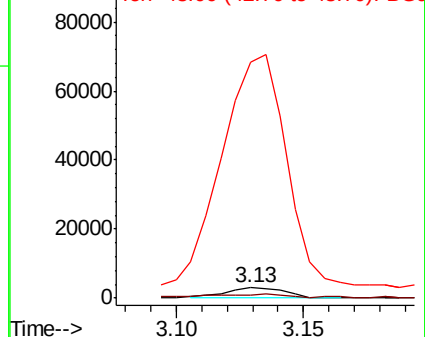
43 2383.7 31.9 47.9#

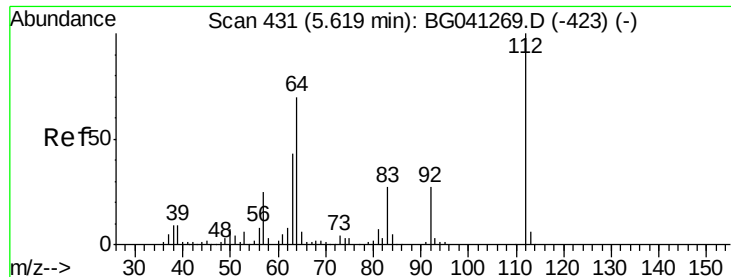


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 58.334 ng

RT: 5.59 min Scan# 426

Delta R.T. -0.03 min

Lab File: BG041404.D

Acq: 22 Jun 2019 15:42

Instrument :

BNA_G

ClientSampleId :

OR-02-061919-A

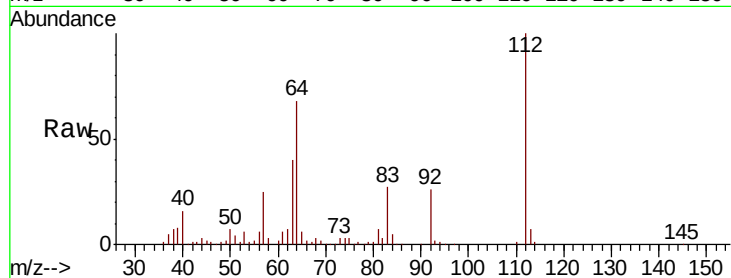
Tot Ion:112 Resp: 165162

Ion Ratio Lower Upper

112 100

64 68.0 55.9 83.9

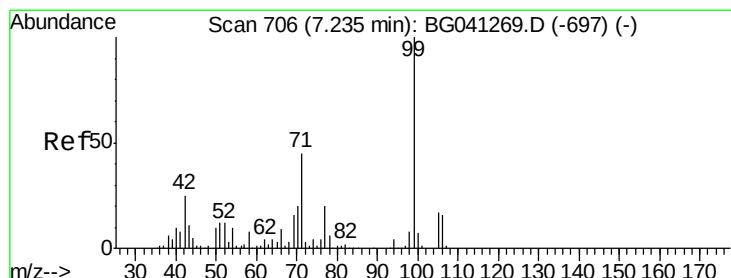
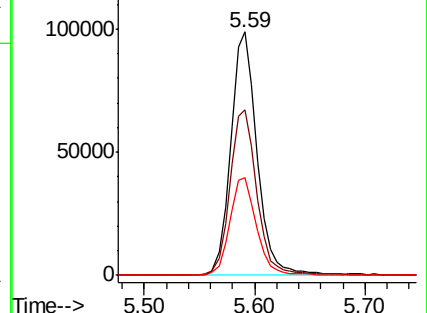
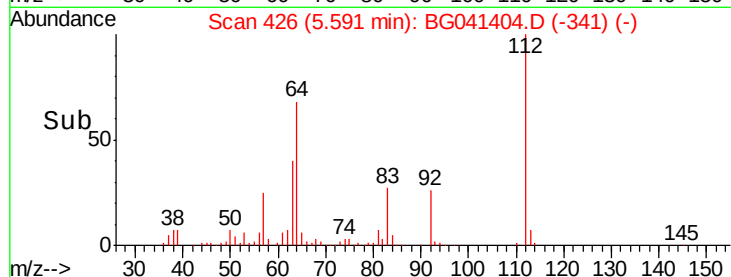
63 40.2 34.6 51.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 49.804 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.03 min

Lab File: BG041404.D

Acq: 22 Jun 2019 15:42

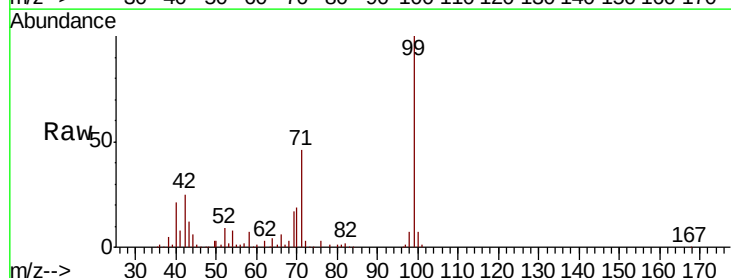
Tgt Ion: 99 Resp: 204398

Ion Ratio Lower Upper

99 100

42 25.2 19.9 29.9

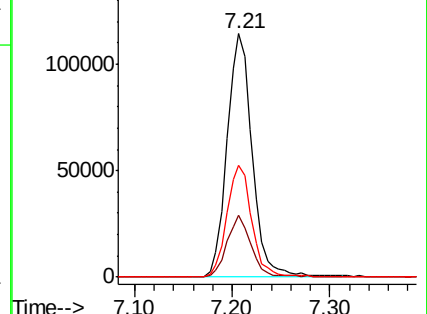
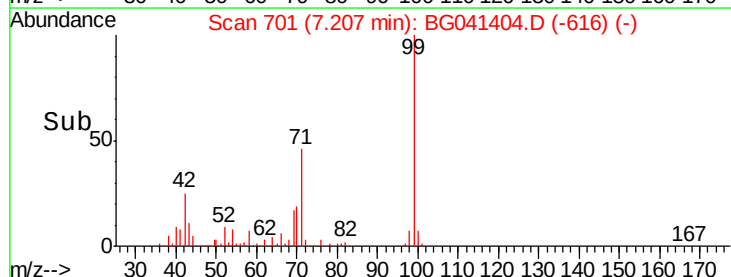
71 46.0 36.4 54.6

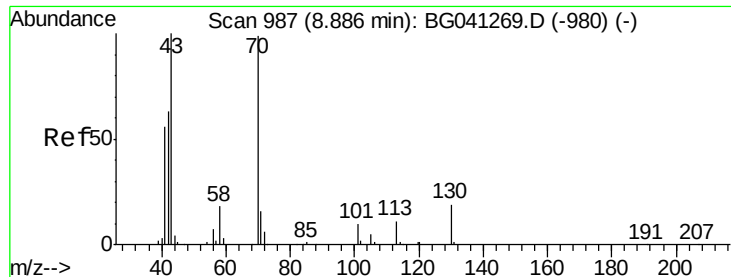


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

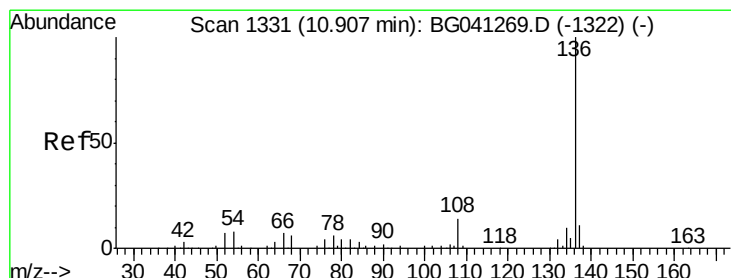
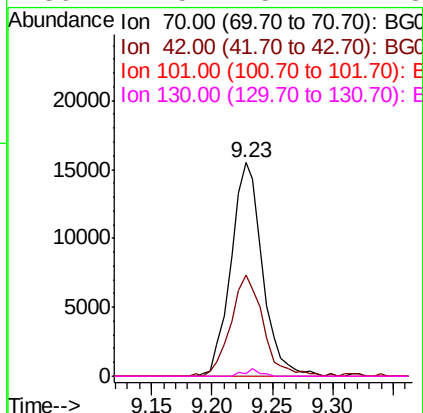
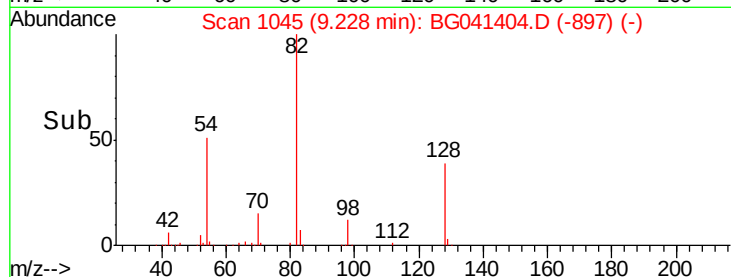
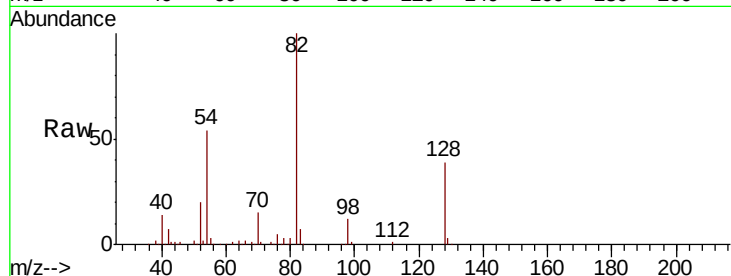




#19
n-Nitroso-di-n-propylamine
Concen: 8.480 ng
RT: 9.23 min Scan# 1045
Delta R.T. 0.34 min
Lab File: BG041404.D
Acq: 22 Jun 2019 15:42

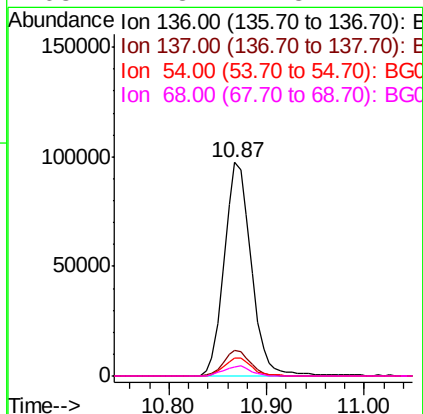
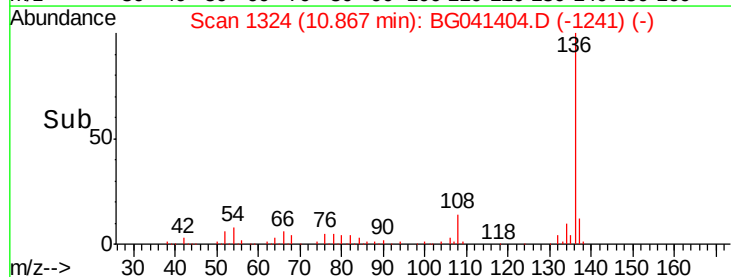
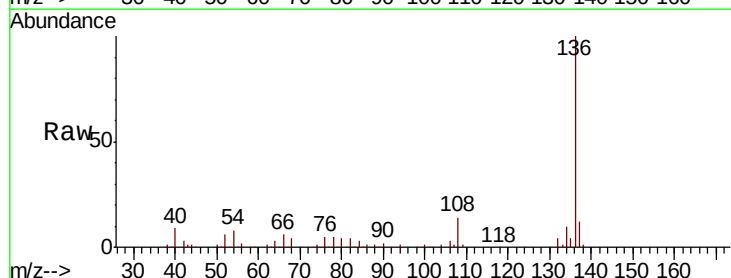
Instrument :
BNA_G
ClientSampleId :
OR-02-061919-A

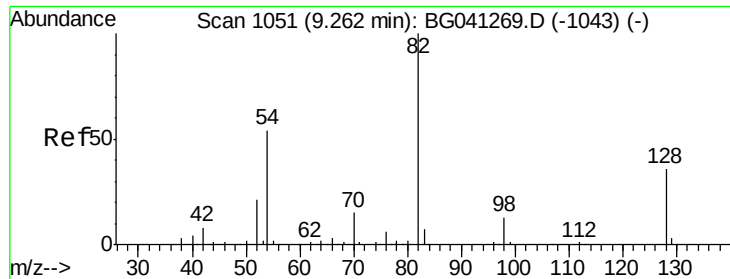
Tot Ion: 70 Resp: 28148
Ion Ratio Lower Upper
70 100
42 47.3 51.4 77.2#
101 0.0 8.2 12.2#
130 1.5 15.2 22.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.04 min
Lab File: BG041404.D
Acq: 22 Jun 2019 15:42

Tgt Ion: 136 Resp: 186783
Ion Ratio Lower Upper
136 100
137 12.0 8.8 13.2
54 8.4 6.4 9.6
68 4.3 4.8 7.2#

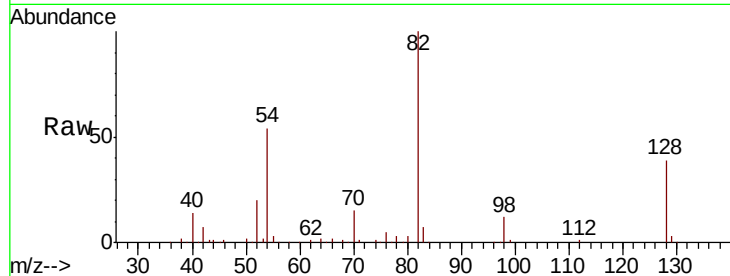




#23
Nitrobenzene-d5
Concen: 42.544 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.03 min
Lab File: BG041404.D
Acq: 22 Jun 2019 15:42

Instrument :
BNA_G
ClientSampleId :
OR-02-061919-A

Tot Ion	82	Resp	188948
Ion Ratio	100	Lower	Upper
128	39.0	29.2	43.8
54	54.1	43.4	65.0

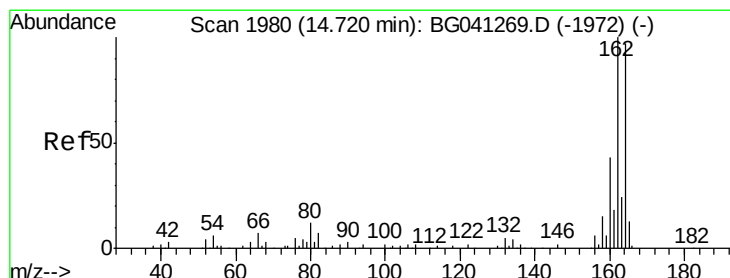
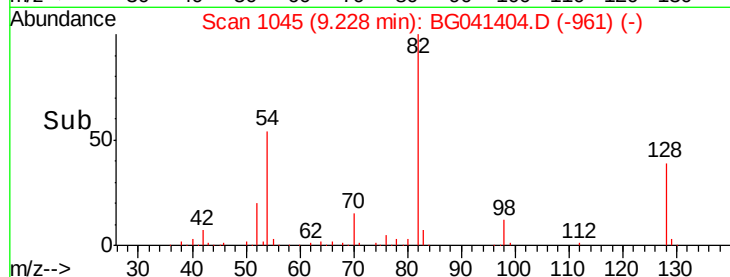
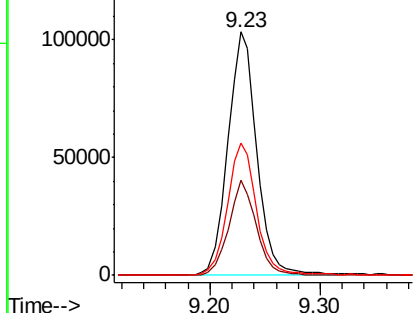


Abundance

Ion 82.00 (81.70 to 82.70): BGC

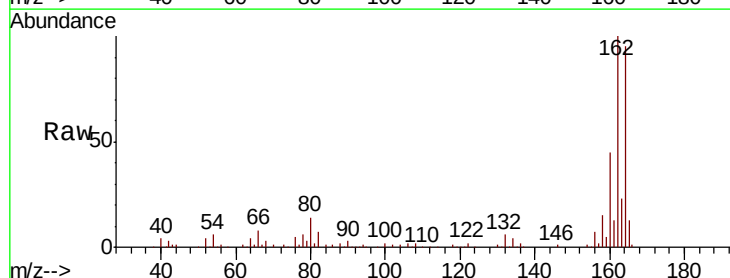
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.03 min
Lab File: BG041404.D
Acq: 22 Jun 2019 15:42

Tgt Ion	164	Resp	130654
Ion Ratio	100	Lower	Upper
162	104.9	82.8	124.2
160	46.9	35.8	53.8

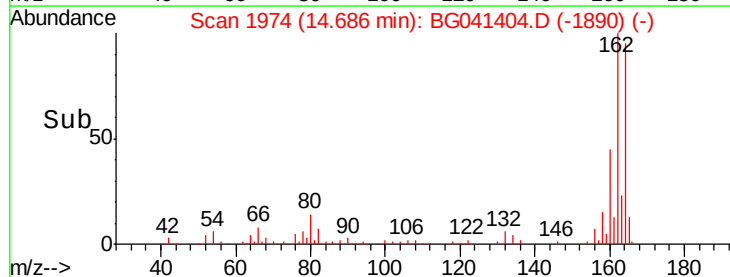
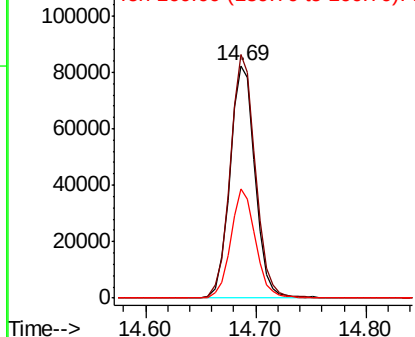


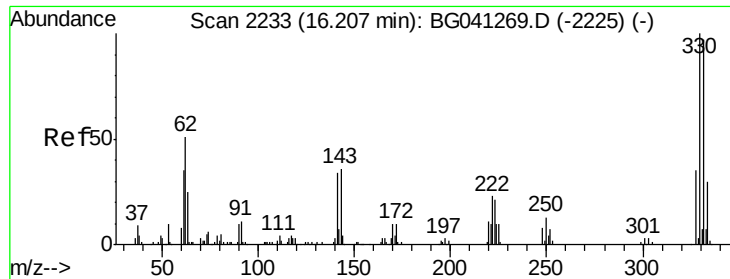
Abundance

Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

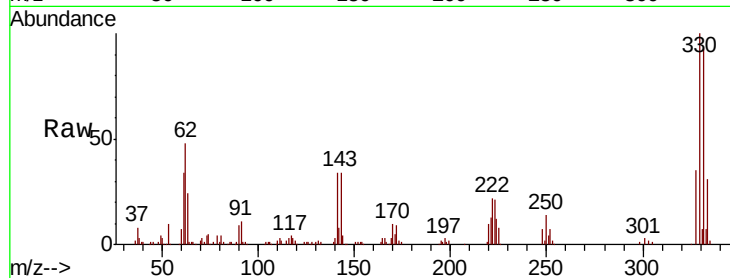




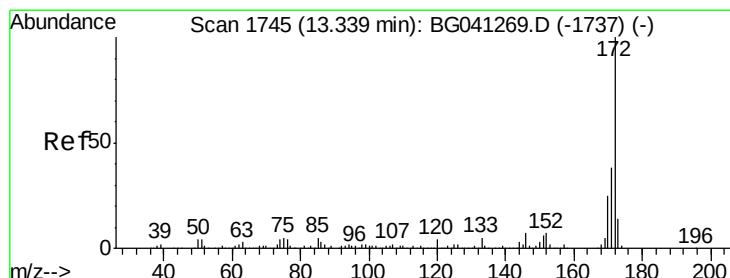
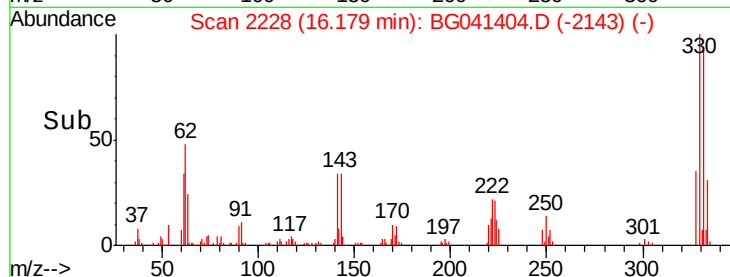
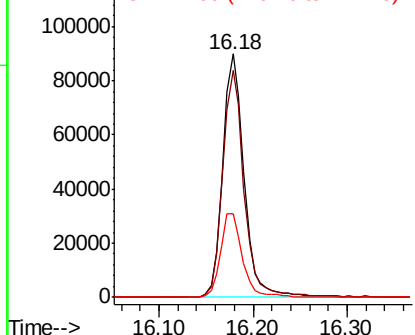
#42
 2,4,6-Tribromophenol
 Concen: 71.131 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.03 min
 Lab File: BG041404.D
 Acq: 22 Jun 2019 15:42

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-061919-A

Tot Ion:330 Resp: 142676
 Ion Ratio Lower Upper
 330 100
 332 93.0 75.5 113.3
 141 35.4 29.0 43.4

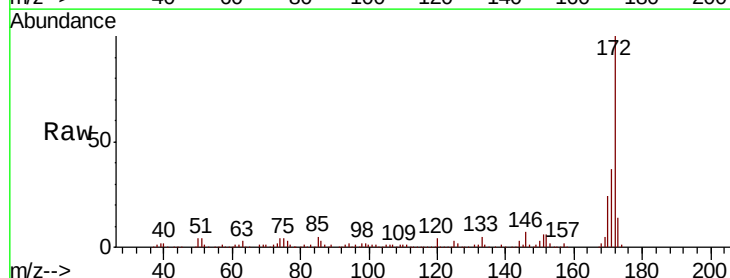


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

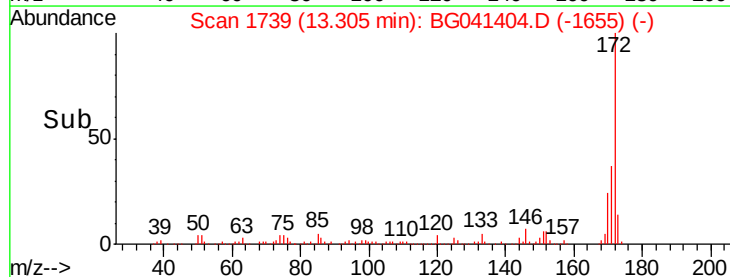
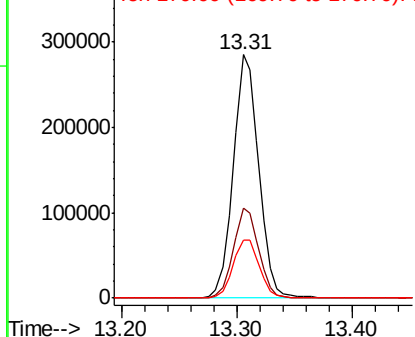


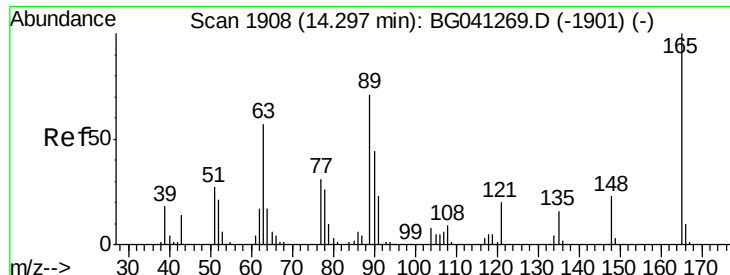
#45
 2-Fluorobiphenyl
 Concen: 45.122 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.03 min
 Lab File: BG041404.D
 Acq: 22 Jun 2019 15:42

Tgt Ion:172 Resp: 433754
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.0 45.0
 170 23.8 19.8 29.6



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

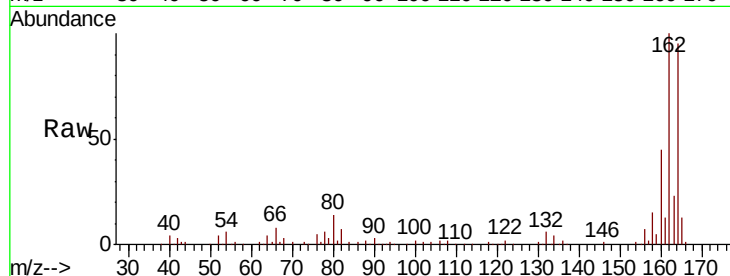




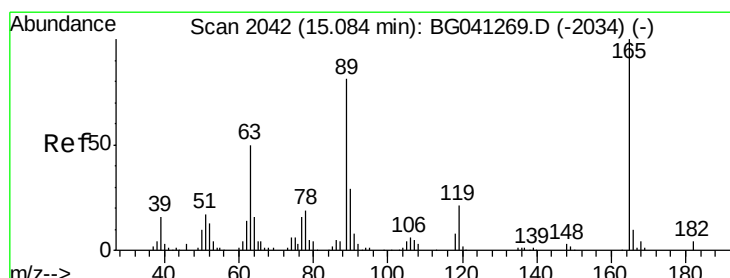
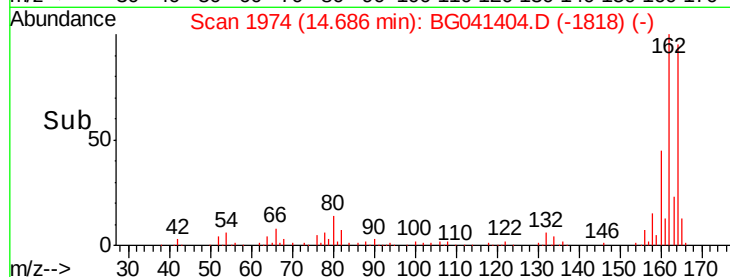
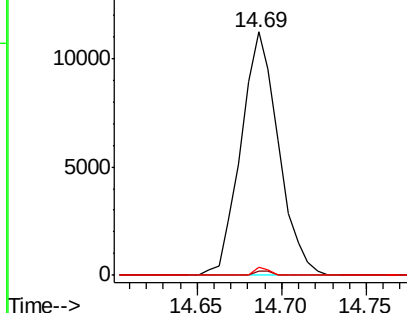
#51
 2,6-Dinitrotoluene
 Concen: 7.099 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. 0.39 min
 Lab File: BG041404.D
 Acq: 22 Jun 2019 15:42

Instrument :
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 ClientSampleId :
 OR-02-061919-A

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	55.4	83.0#
89	3.4	56.5	84.7#



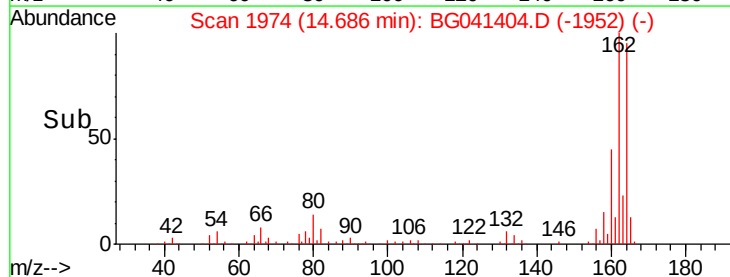
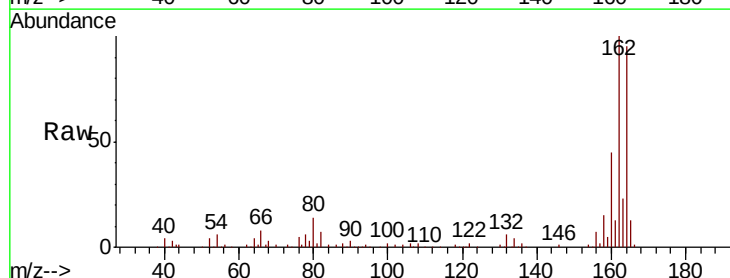
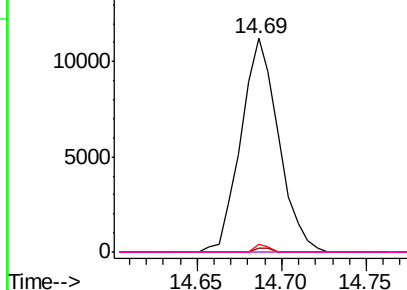
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

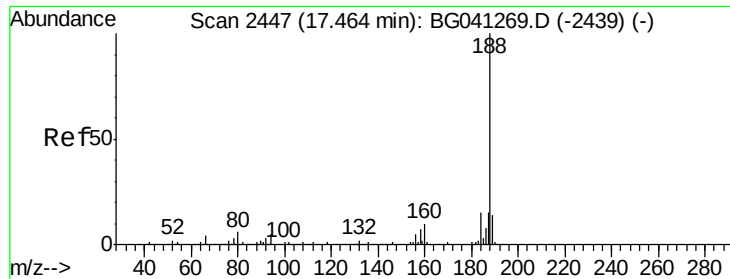


#57
 2,4-Dinitrotoluene
 Concen: 4.857 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.40 min
 Lab File: BG041404.D
 Acq: 22 Jun 2019 15:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	40.0	60.0#
89	3.4	64.6	96.8#
182	0.0	2.9	4.3#

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: 17.43 min Scan# 2441

Delta R.T. -0.03 min

Lab File: BG041404.D

Acq: 22 Jun 2019 15:42

Instrument :

BNA_G

ClientSampleId :

OR-02-061919-A

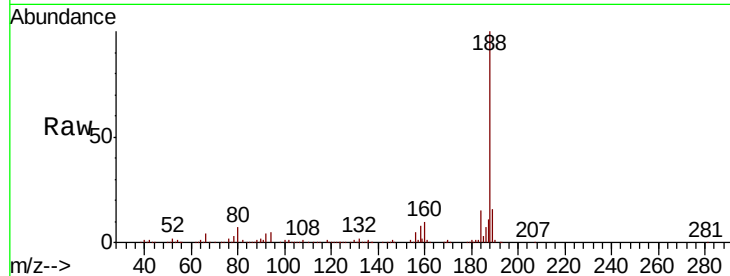
Tot Ion:188 Resp: 347116

Ion Ratio Lower Upper

188 100

94 5.3 3.6 5.4

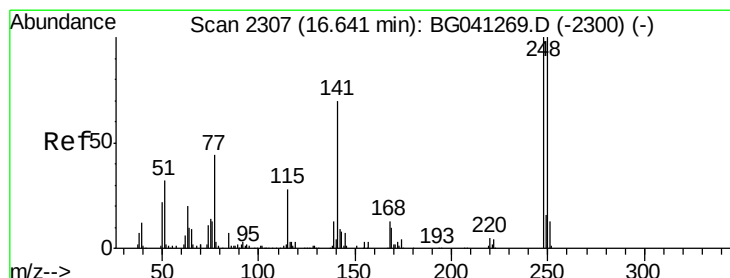
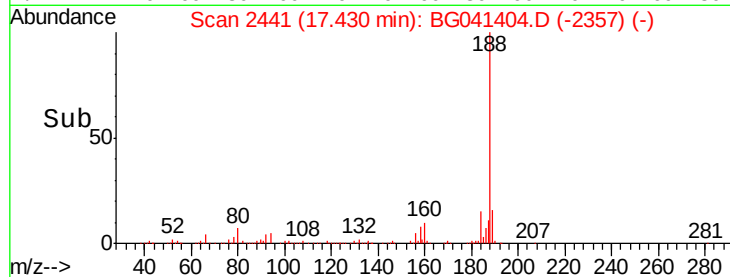
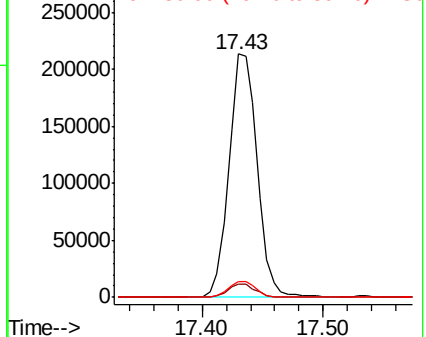
80 6.6 4.8 7.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#67

4-Bromophenyl-phenylether

Concen: 2.240 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.46 min

Lab File: BG041404.D

Acq: 22 Jun 2019 15:42

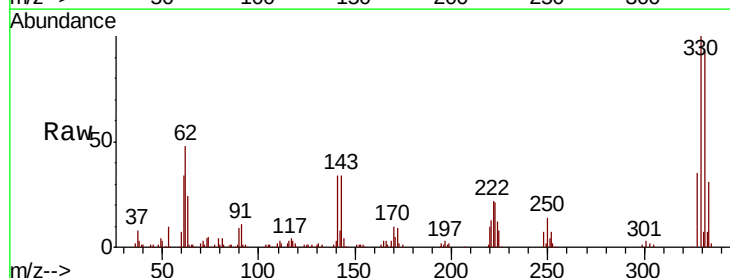
Tgt Ion:248 Resp: 10056

Ion Ratio Lower Upper

248 100

250 221.3 79.8 119.8#

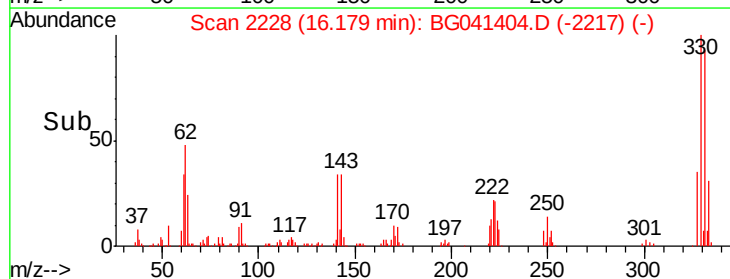
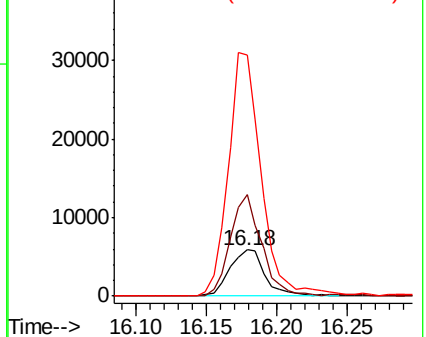
141 525.9 55.8 83.6#

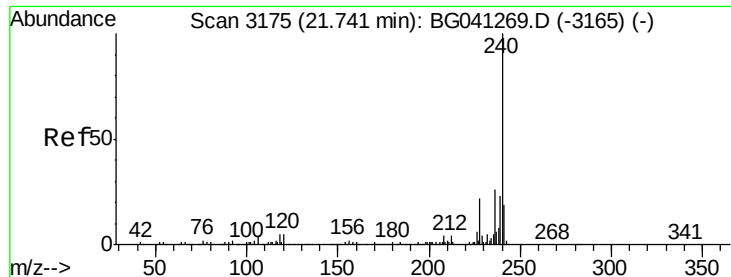


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

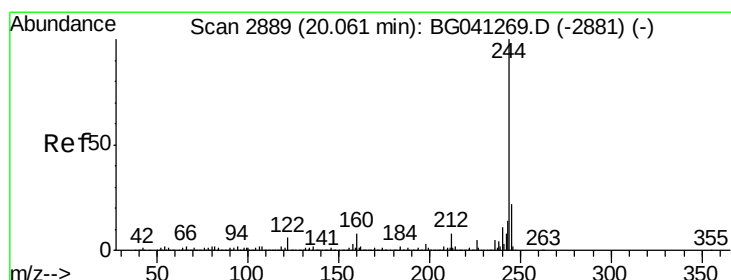
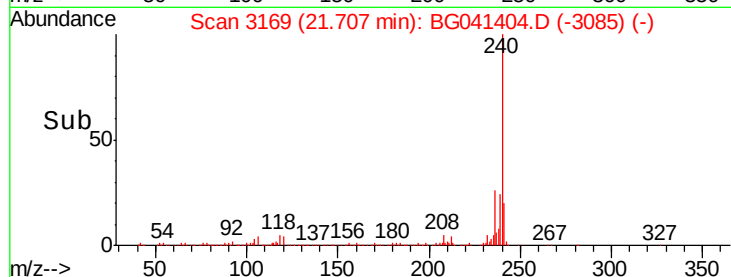
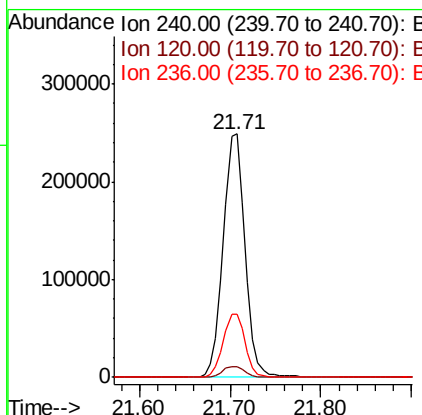
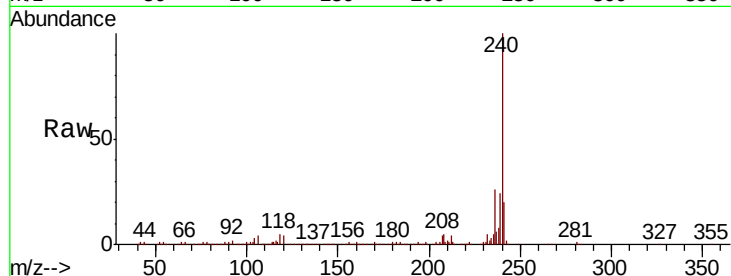




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.03 min
Lab File: BG041404.D
Acq: 22 Jun 2019 15:42

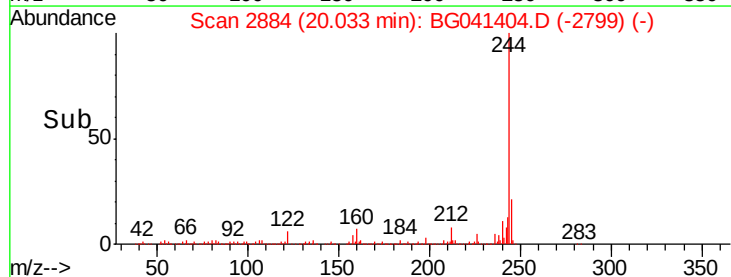
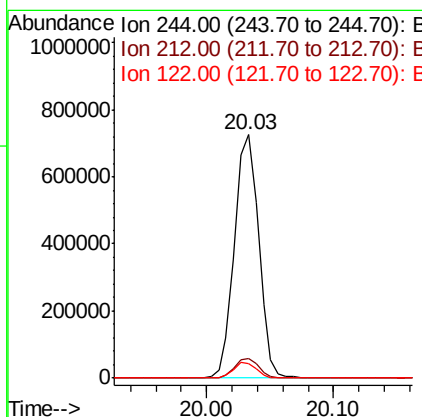
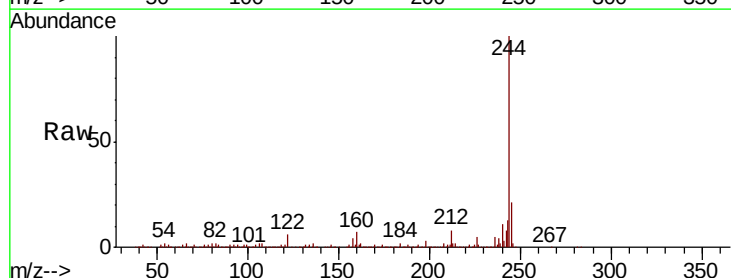
Instrument :
BNA_G
ClientSampleId :
OR-02-061919-A

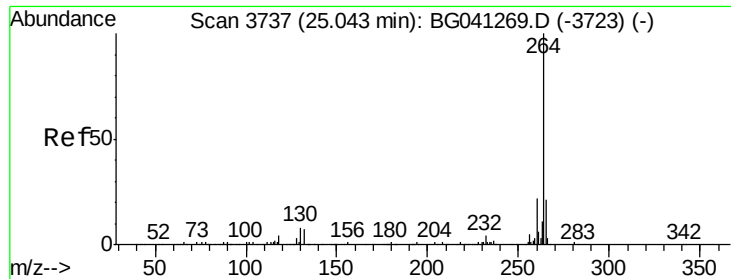
Tot Ion:240 Resp: 416138
Ion Ratio Lower Upper
240 100
120 4.5 3.7 5.5
236 25.9 21.1 31.7



#79
Terphenyl-d14
Concen: 45.579 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.03 min
Lab File: BG041404.D
Acq: 22 Jun 2019 15:42

Tgt Ion:244 Resp: 957073
Ion Ratio Lower Upper
244 100
212 8.1 6.6 10.0
122 6.2 5.0 7.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.00 min Scan# 3729
 Delta R.T. -0.05 min
 Lab File: BG041404.D
 Acq: 22 Jun 2019 15:42

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-061919-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.2
265	22.0	17.2	25.8

