

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081719\
 Data File : BG042305.D
 Acq On : 18 Aug 2019 3:00
 Operator : HP/JU
 Sample : K4238-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-17

Quant Time: Aug 19 06:02:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:57:26 2019
 Response via : Initial Calibration

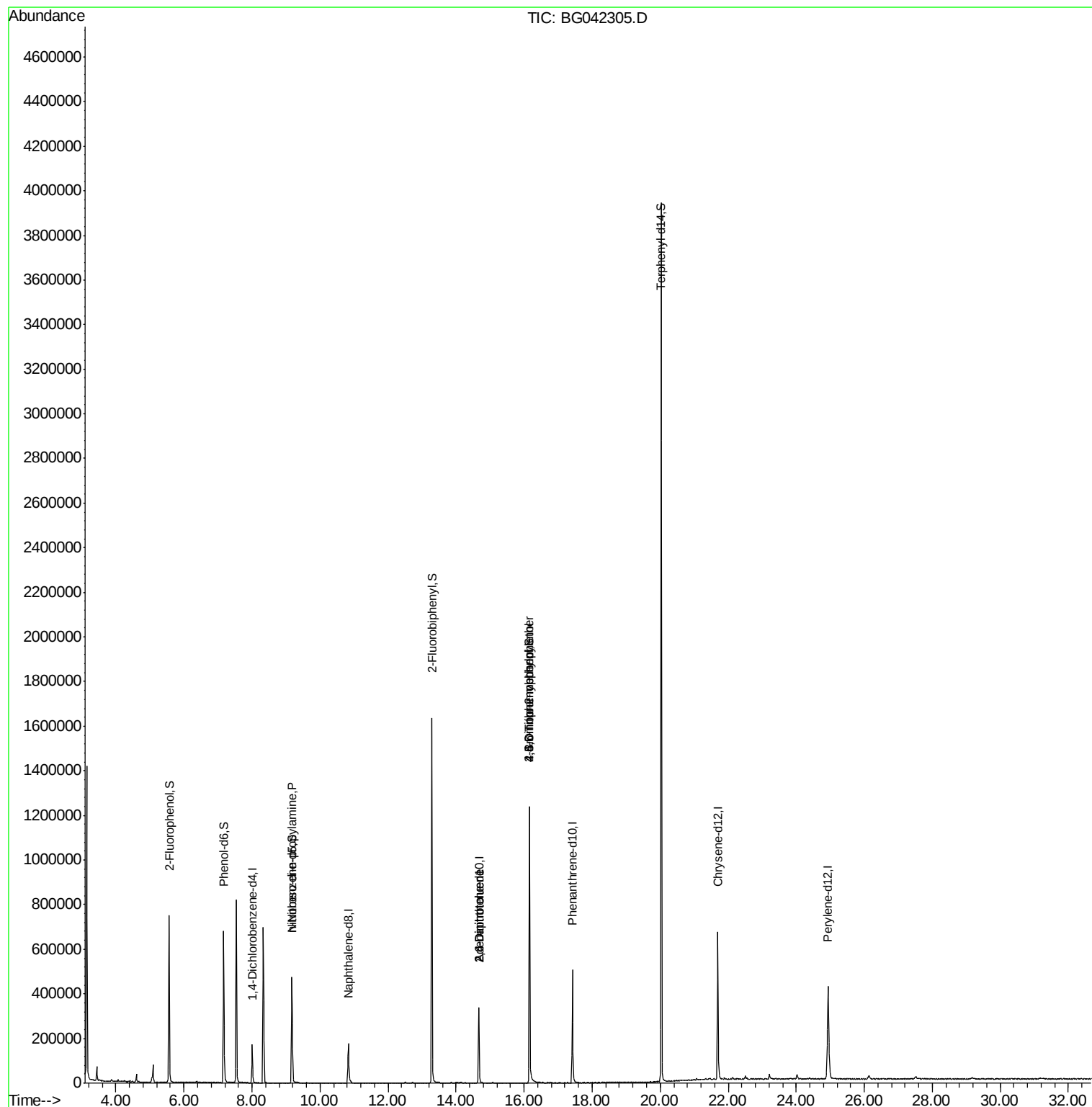
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	56201	20.00	ng	-0.04
21) Naphthalene-d8	10.83	136	213297	20.00	ng	-0.04
39) Acenaphthene-d10	14.67	164	154471	20.00	ng	-0.04
64) Phenanthrene-d10	17.42	188	378173	20.00	ng	-0.04
76) Chrysene-d12	21.70	240	437324	20.00	ng	-0.04
87) Perylene-d12	24.94	264	488269	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	381833	132.19	ng	-0.03
7) Phenol-d6	7.17	99	484464	124.40	ng	-0.03
23) Nitrobenzene-d5	9.17	82	319700	103.15	ng	-0.04
42) 2,4,6-Tribromophenol	16.15	330	318548	181.55	ng	-0.04
45) 2-Fluorobiphenyl	13.29	172	977446	111.60	ng	-0.04
79) Terphenyl-d14	20.03	244	1948765	101.97	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.17	70	39682	14.035	ng	# 64
51) 2,6-Dinitrotoluene	14.66	165	19660	8.912	ng	# 25
57) 2,4-Dinitrotoluene	14.66	165	19660	6.481	ng	# 27
65) 4,6-Dinitro-2-methylphenol	16.15	198	645	7.151	ng	# 4
67) 4-Bromophenyl-phenylether	16.15	248	22422	4.813	ng	# 1

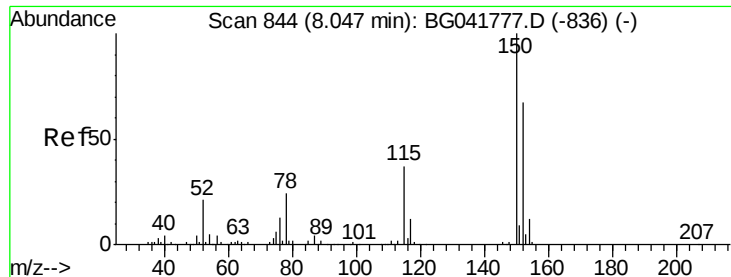
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 837

Delta R.T. -0.04 min

Lab File: BG042305.D

Acq: 18 Aug 2019 3:00

Instrument :

BNA_G

ClientSampleId :

TP-17

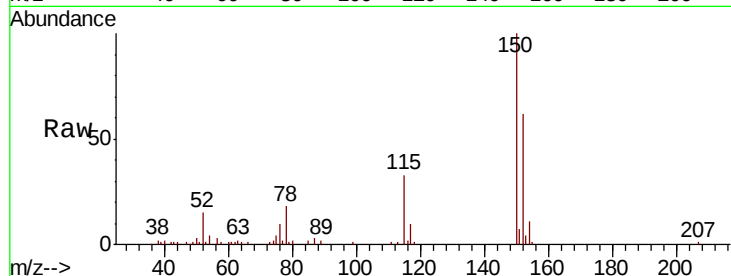
Tgt Ion:152 Resp: 56201

Ion Ratio Lower Upper

152 100

150 162.1 126.9 190.3

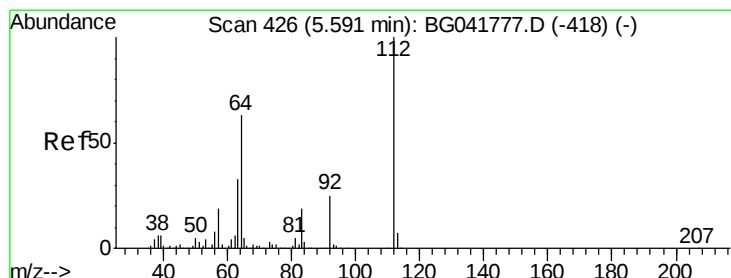
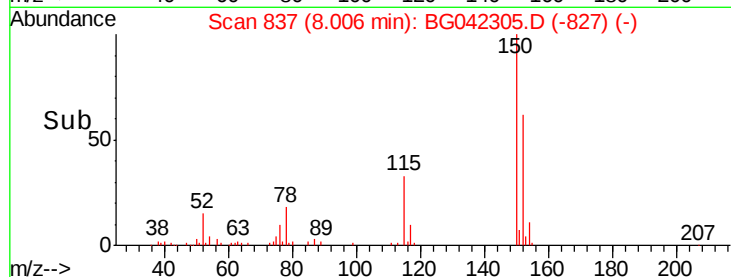
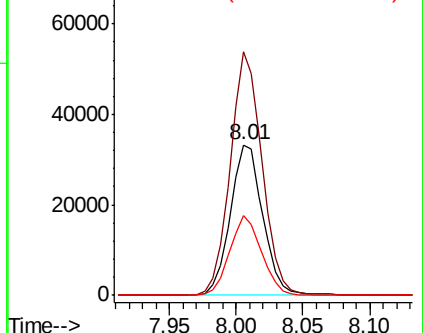
115 53.0 45.0 67.6



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: 132.187 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.03 min

Lab File: BG042305.D

Acq: 18 Aug 2019 3:00

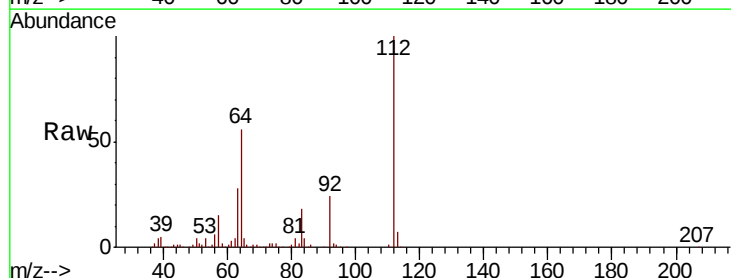
Tgt Ion:112 Resp: 381833

Ion Ratio Lower Upper

112 100

64 55.6 55.4 83.2

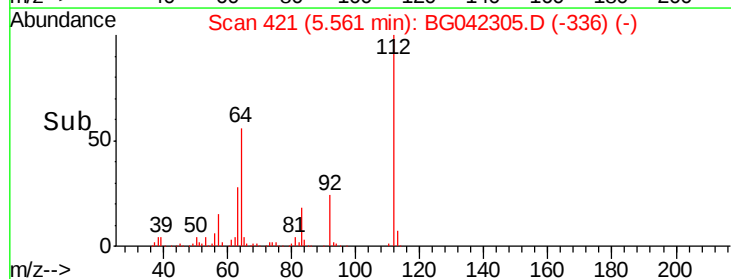
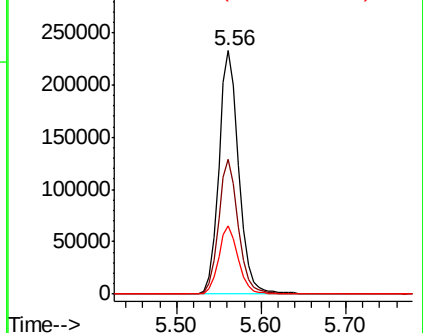
63 28.0 29.1 43.7#

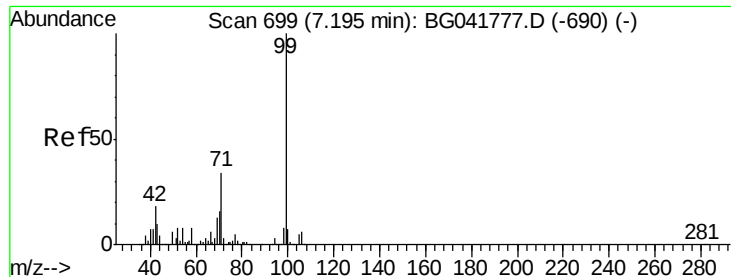


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 124.404 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.03 min

Lab File: BG042305.D

Acq: 18 Aug 2019 3:00

Instrument :

BNA_G

ClientSampleId :

TP-17

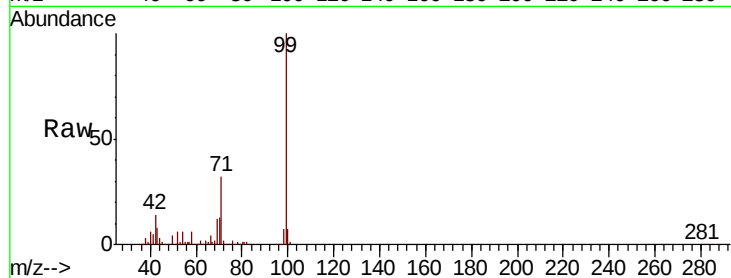
Tgt Ion: 99 Resp: 484464

Ion Ratio Lower Upper

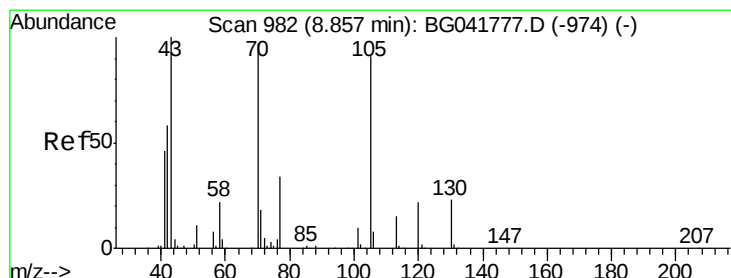
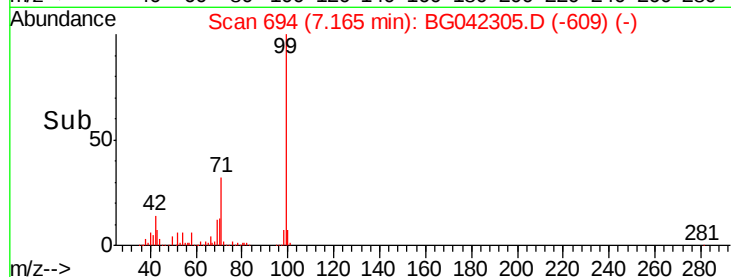
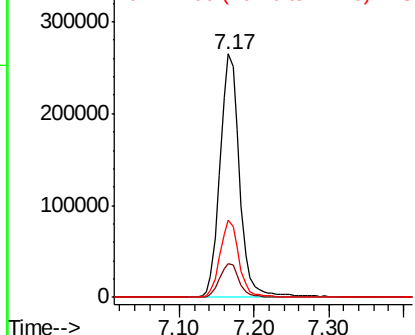
99 100

42 13.8 17.6 26.4#

71 31.8 27.8 41.6



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: 14.035 ng

RT: 9.17 min Scan# 1036

Delta R.T. 0.32 min

Lab File: BG042305.D

Acq: 18 Aug 2019 3:00

Tgt Ion: 70 Resp: 39682

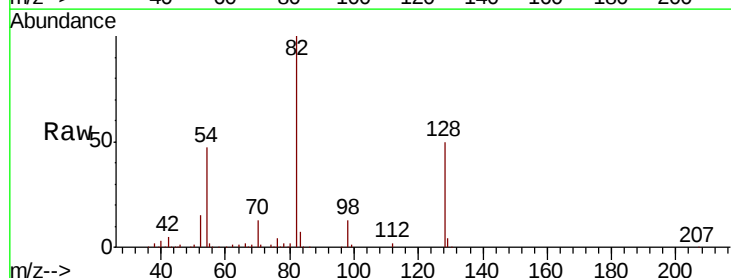
Ion Ratio Lower Upper

70 100

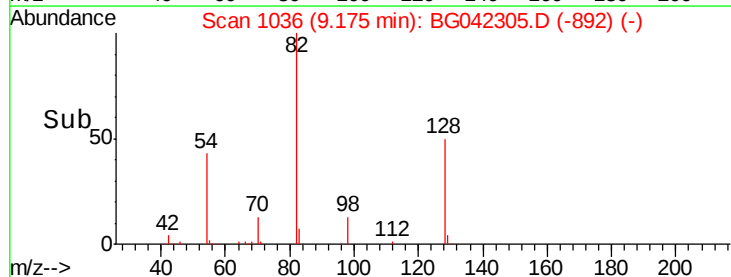
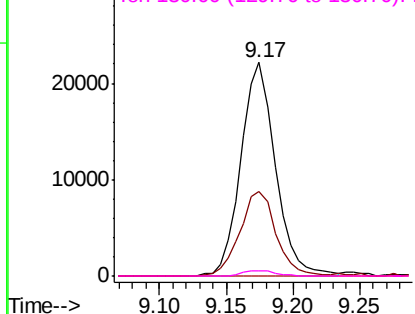
42 39.7 55.8 83.6#

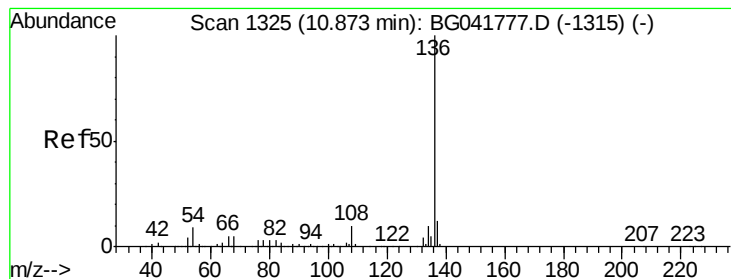
101 0.0 8.1 12.1#

130 2.7 17.3 25.9#



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: 10.83 min Scan# 1318

Delta R.T. -0.04 min

Lab File: BG042305.D

Acq: 18 Aug 2019 3:00

Instrument :

BNA_G

ClientSampleId :

TP-17

Tgt Ion: 136 Resp: 213297

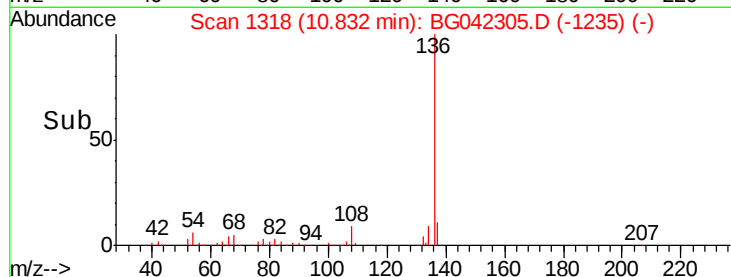
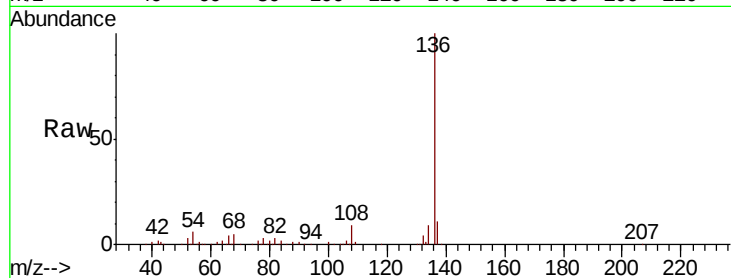
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 6.3 8.7 13.1#

68 5.0 5.5 8.3#

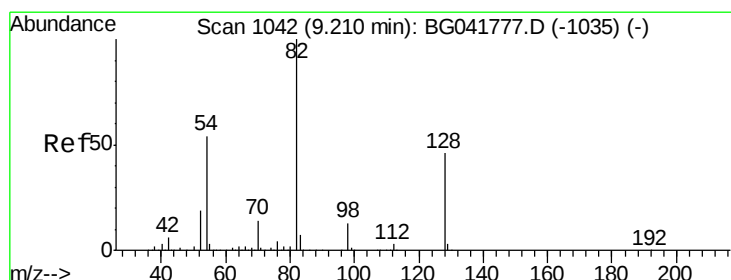
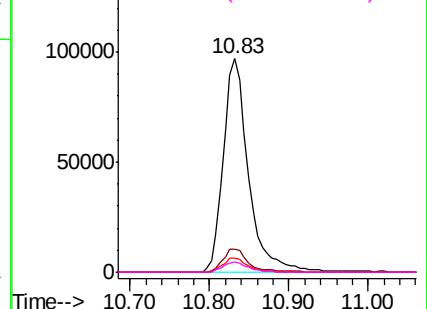


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 103.145 ng

RT: 9.17 min Scan# 1036

Delta R.T. -0.04 min

Lab File: BG042305.D

Acq: 18 Aug 2019 3:00

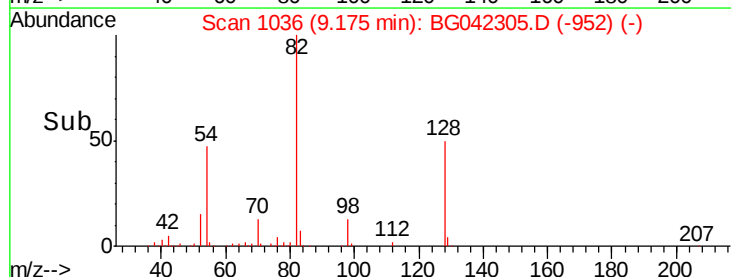
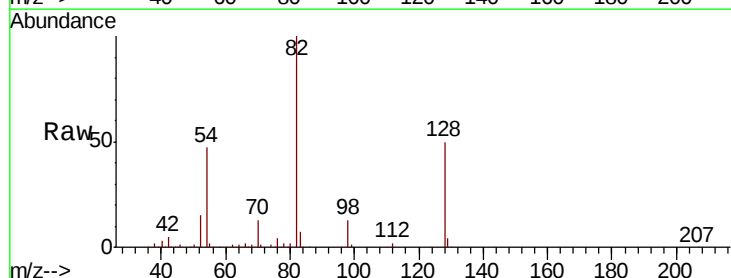
Tgt Ion: 82 Resp: 319700

Ion Ratio Lower Upper

82 100

128 50.4 35.1 52.7

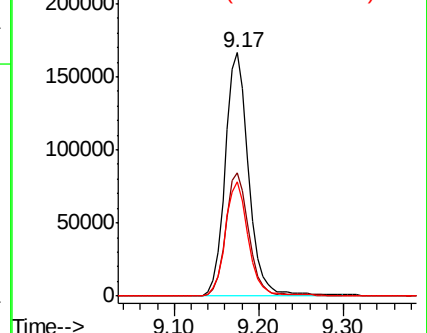
54 47.0 48.7 73.1#

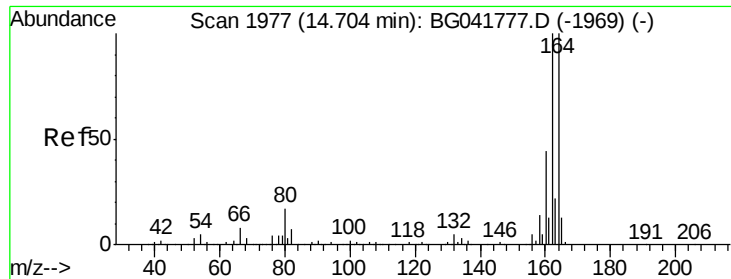


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.04 min

Lab File: BG042305.D

Acq: 18 Aug 2019 3:00

Instrument :

BNA_G

ClientSampleId :

TP-17

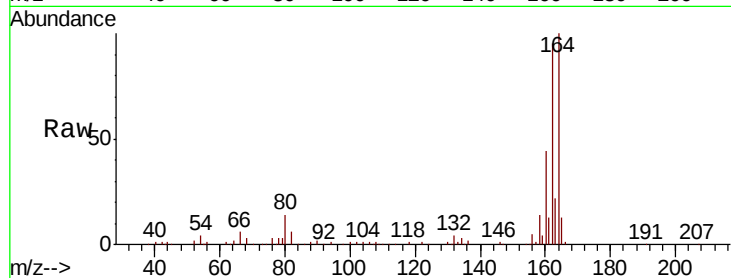
Tgt Ion:164 Resp: 154471

Ion Ratio Lower Upper

164 100

162 94.7 79.6 119.4

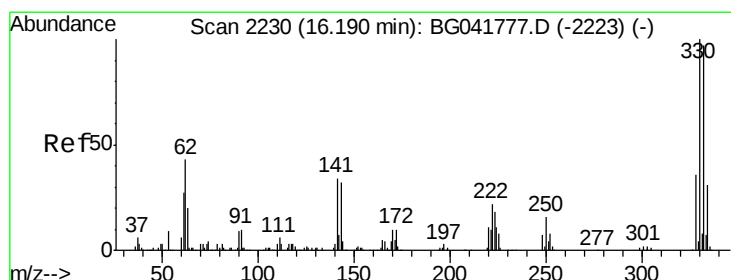
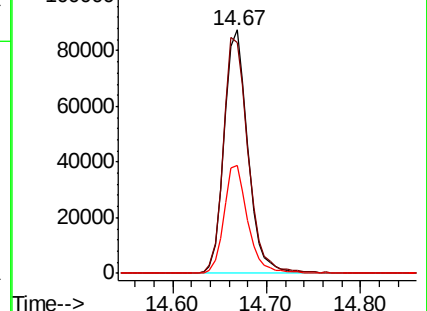
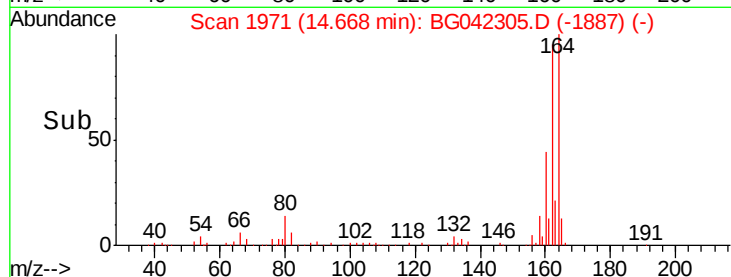
160 44.2 35.4 53.0



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: 181.552 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.04 min

Lab File: BG042305.D

Acq: 18 Aug 2019 3:00

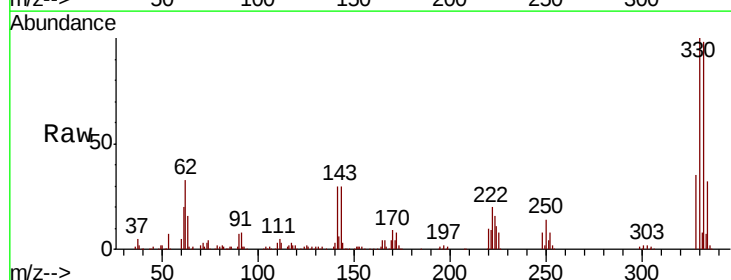
Tgt Ion:330 Resp: 318548

Ion Ratio Lower Upper

330 100

332 98.5 77.4 116.0

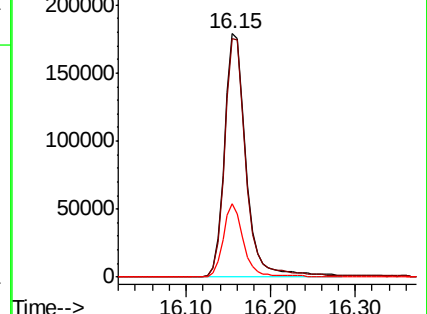
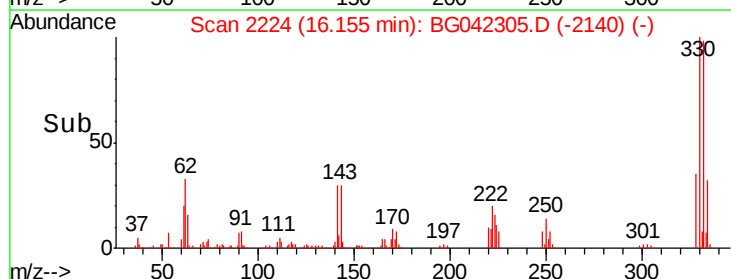
141 28.9 31.9 47.9#

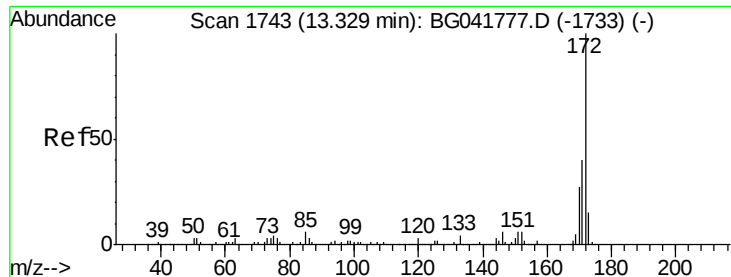


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

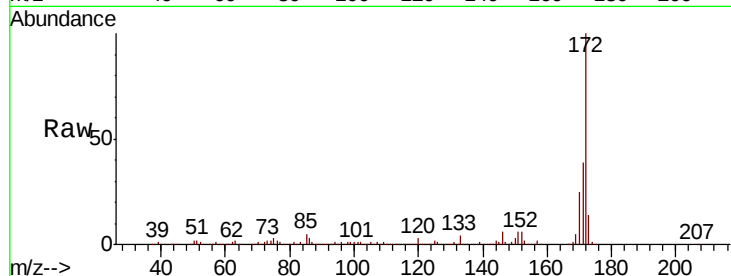




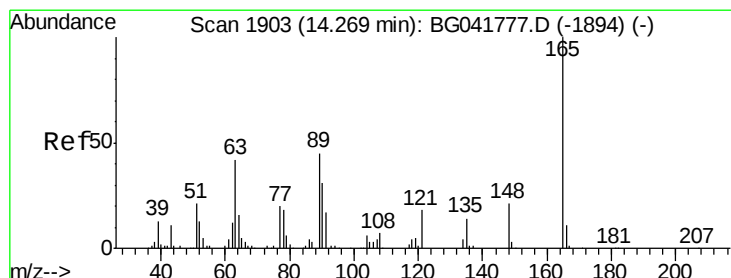
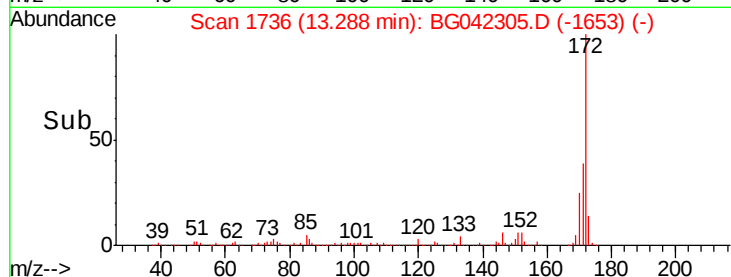
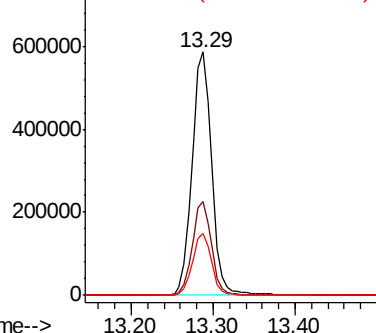
#45
 2-Fluorobiphenyl
 Concen: 111.603 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.04 min
 Lab File: BG042305.D
 Acq: 18 Aug 2019 3:00

Instrument :
 BNA_G
 ClientSampleId :
 TP-17

Tgt Ion:172 Resp: 977446
 Ion Ratio Lower Upper
 172 100
 171 38.7 35.0 52.4
 170 25.3 23.5 35.3

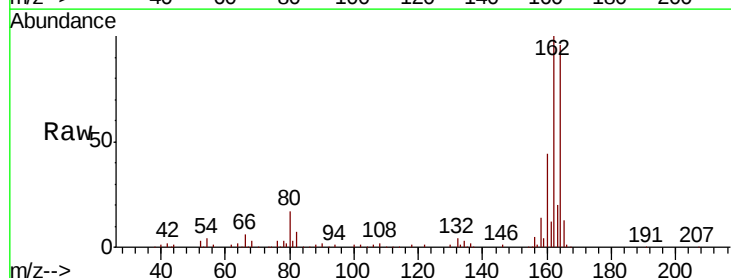


Abundance Ion 172.00 (171.70 to 172.70): E
 800000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

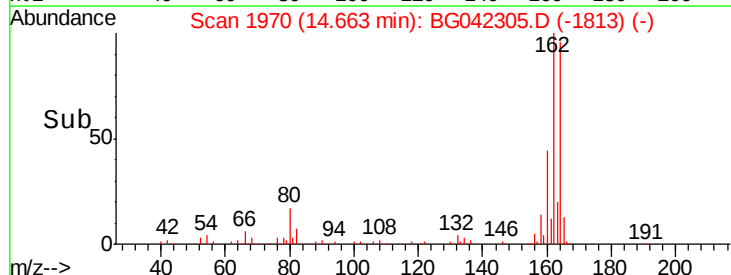
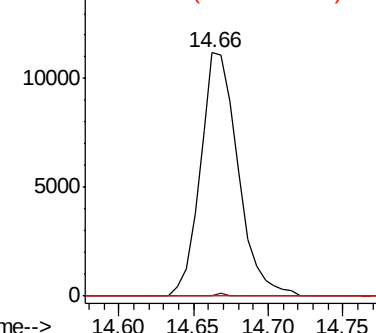


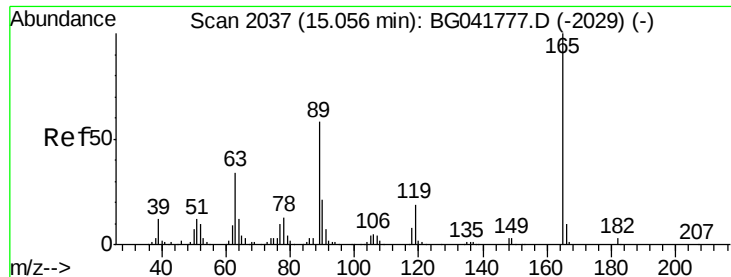
#51
 2,6-Dinitrotoluene
 Concen: 8.912 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. 0.39 min
 Lab File: BG042305.D
 Acq: 18 Aug 2019 3:00

Tgt Ion:165 Resp: 19660
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.4 63.6#
 89 0.0 42.1 63.1#



Abundance Ion 165.00 (164.70 to 165.70): E
 15000 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

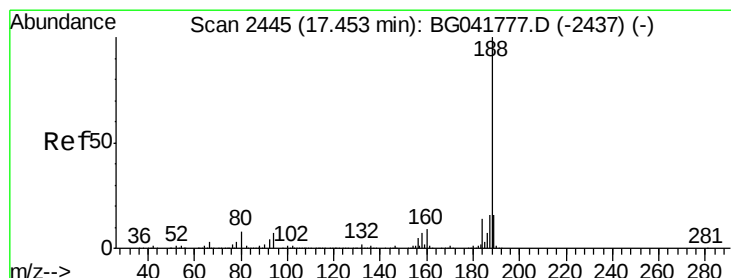
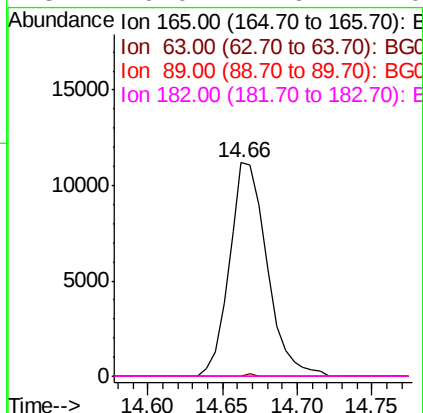
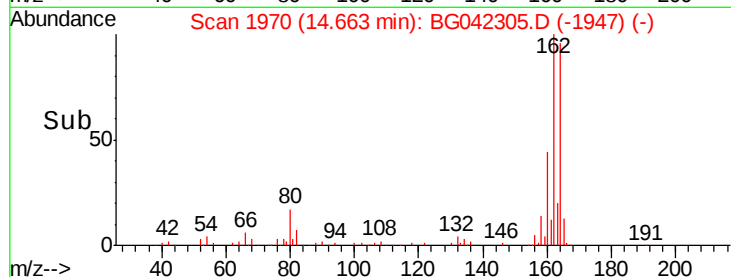
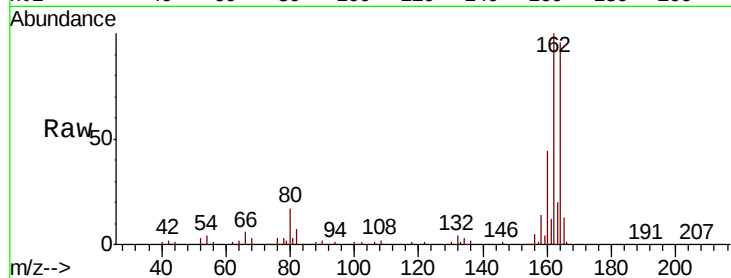




#57
 2,4-Dinitrotoluene
 Concen: 6.481 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.39 min
 Lab File: BG042305.D
 Acq: 18 Aug 2019 3:00

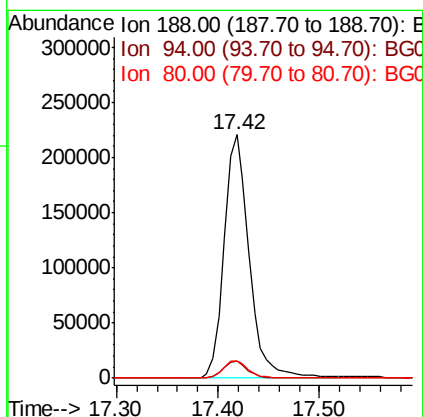
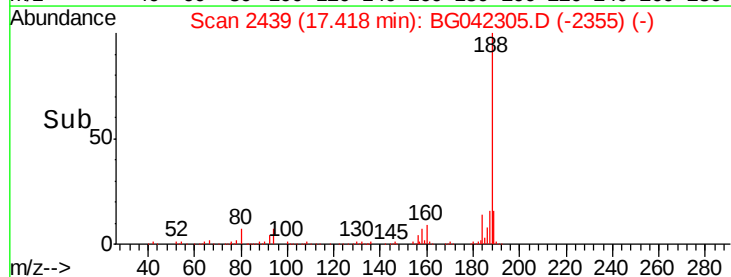
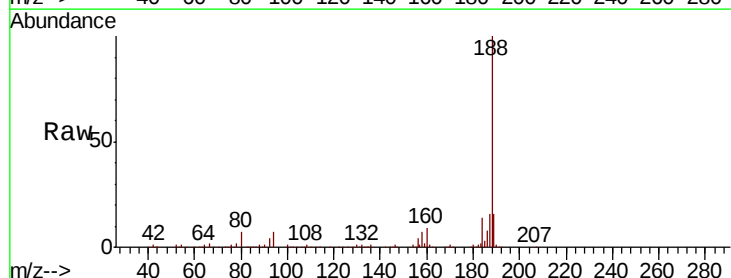
Instrument :
 BNA_G
 ClientSampleId :
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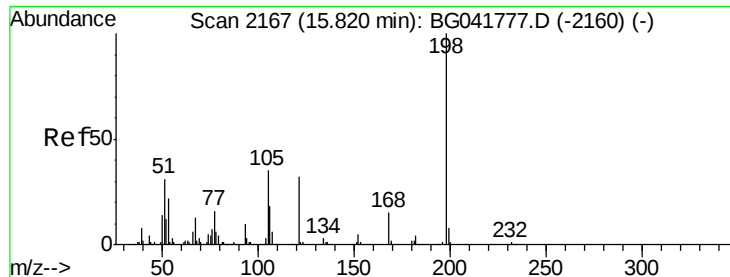
Tgt Ion:	165	Resp:	19660
Ion Ratio	Lower	Upper	
165	100		
63	0.0	31.7	47.5#
89	0.0	50.2	75.4#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.04 min
 Lab File: BG042305.D
 Acq: 18 Aug 2019 3:00

Tgt Ion:	188	Resp:	378173
Ion Ratio	Lower	Upper	
188	100		
94	6.9	6.9	10.3
80	6.9	8.0	12.0#

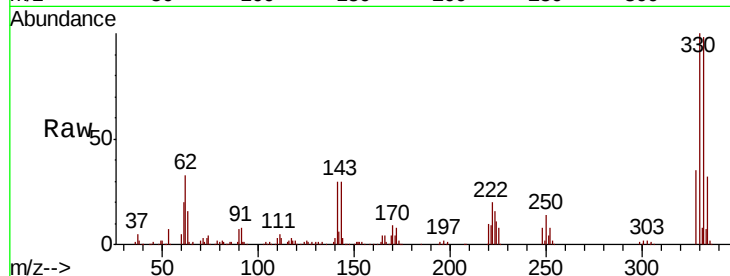




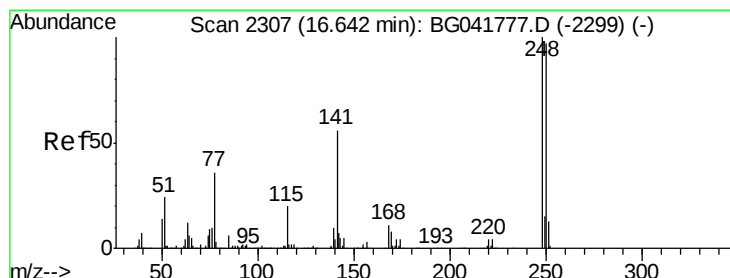
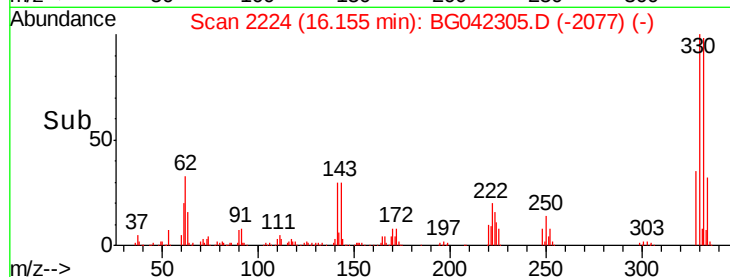
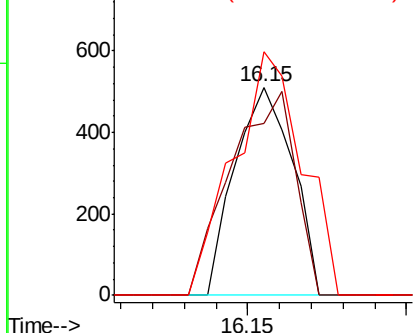
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.151 ng
 RT: 16.15 min Scan# 2224
 Delta R.T. 0.34 min
 Lab File: BG042305.D
 Acq: 18 Aug 2019 3:00

Instrument :
 BNA_G
 ClientSampleId :
 TP-17

Tgt Ion:198 Resp: 645
 Ion Ratio Lower Upper
 198 100
 51 82.8 22.3 62.3#
 105 117.0 18.0 58.0#

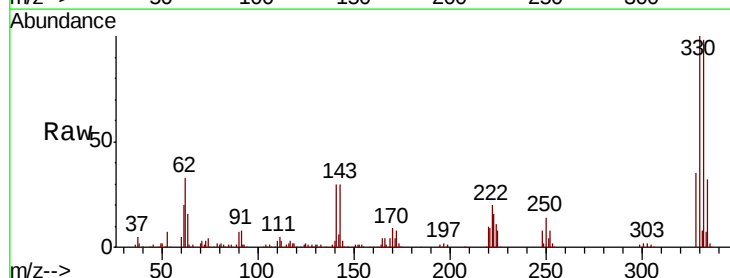


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

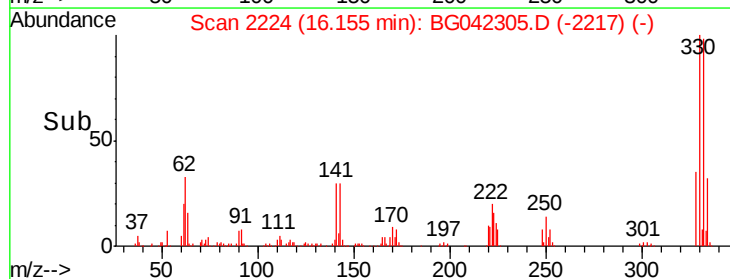
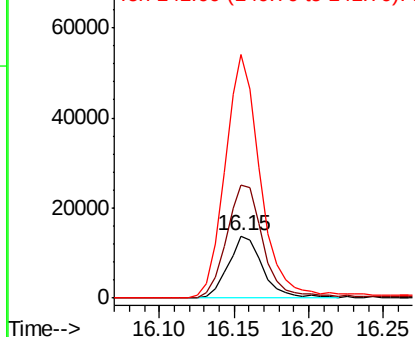


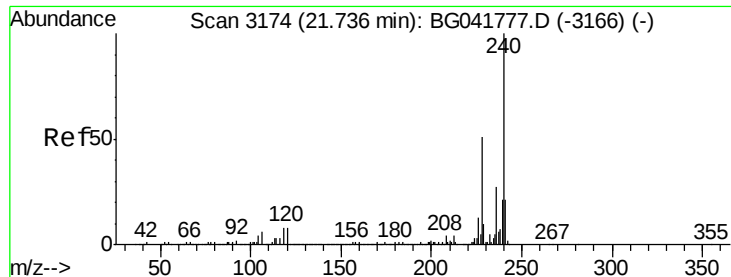
#67
 4-Bromophenyl-phenylether
 Concen: 4.813 ng
 RT: 16.15 min Scan# 2224
 Delta R.T. -0.49 min
 Lab File: BG042305.D
 Acq: 18 Aug 2019 3:00

Tgt Ion:248 Resp: 22422
 Ion Ratio Lower Upper
 248 100
 250 180.8 78.1 117.1#
 141 390.5 49.6 74.4#



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

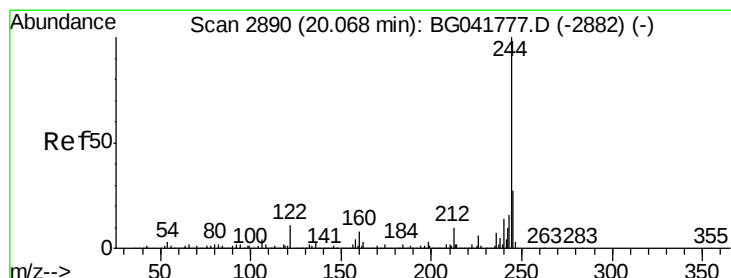
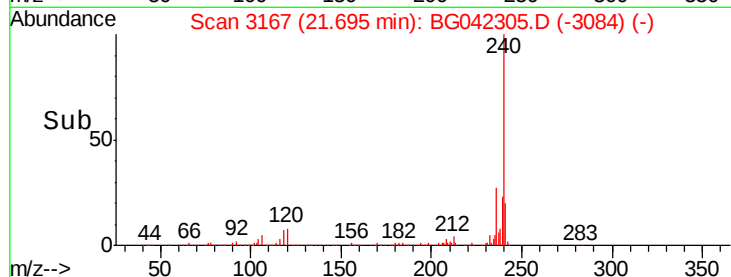
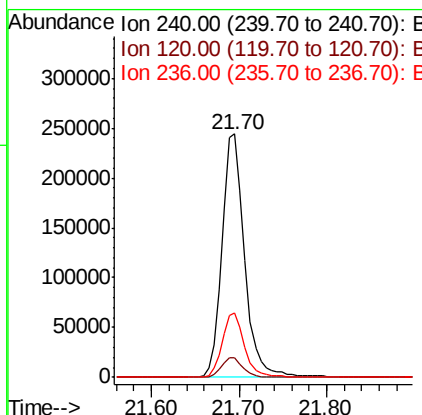
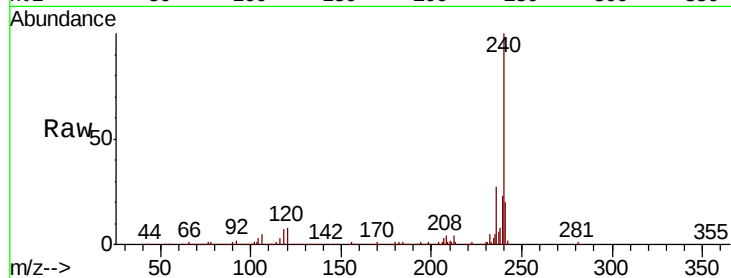




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.04 min
Lab File: BG042305.D
Acq: 18 Aug 2019 3:00

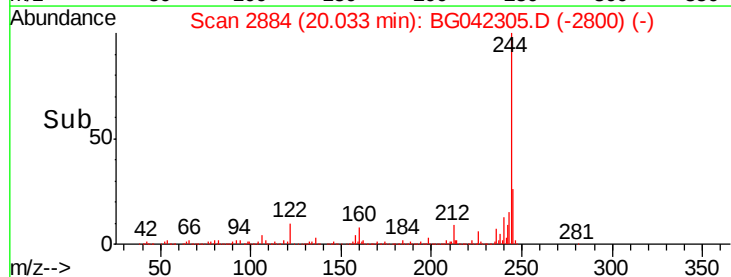
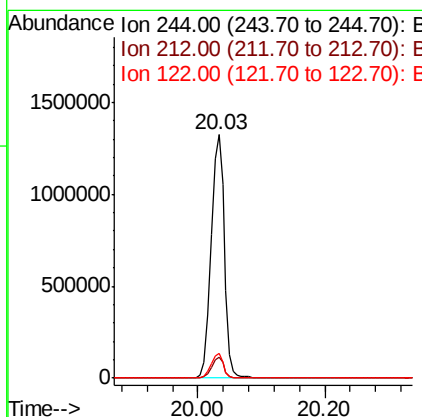
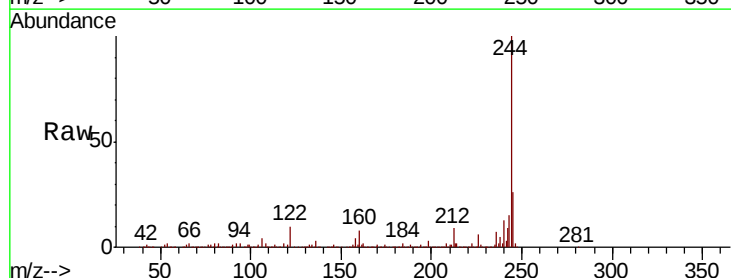
Instrument :
BNA_G
ClientSampleId :
TP-17

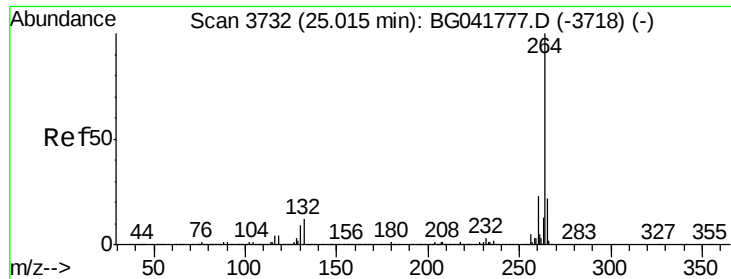
Tgt Ion:240 Resp: 437324
Ion Ratio Lower Upper
240 100
120 8.0 8.0 12.0#
236 26.6 22.6 33.8



#79
Terphenyl-d14
Concen: 101.967 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.03 min
Lab File: BG042305.D
Acq: 18 Aug 2019 3:00

Tgt Ion:244 Resp: 1948765
Ion Ratio Lower Upper
244 100
212 8.6 9.7 14.5#
122 10.1 12.5 18.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3719
Delta R.T. -0.08 min
Lab File: BG042305.D
Acq: 18 Aug 2019 3:00

Instrument :
BNA_G
ClientSampleId :
TP-17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	23.3	18.0	27.0

