

Data File : BG041719.D
Acq On : 18 Jul 2019 21:00
Operator : HP/JU
Sample : K3834-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TW-9

Quant Time: Jul 19 08:27:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 16:16:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	129150	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	517310	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	325499	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	762086	20.00	ng	-0.01
76) Chrysene-d12	21.65	240	744371	20.00	ng	-0.01
87) Perylene-d12	24.84	264	833308	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	508400	64.35	ng	0.00
7) Phenol-d6	7.19	99	457313	43.04	ng	0.00
23) Nitrobenzene-d5	9.20	82	833107	97.94	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	534950	145.83	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1920844	91.38	ng	0.00
79) Terphenyl-d14	20.00	244	2647007	83.10	ng	0.00

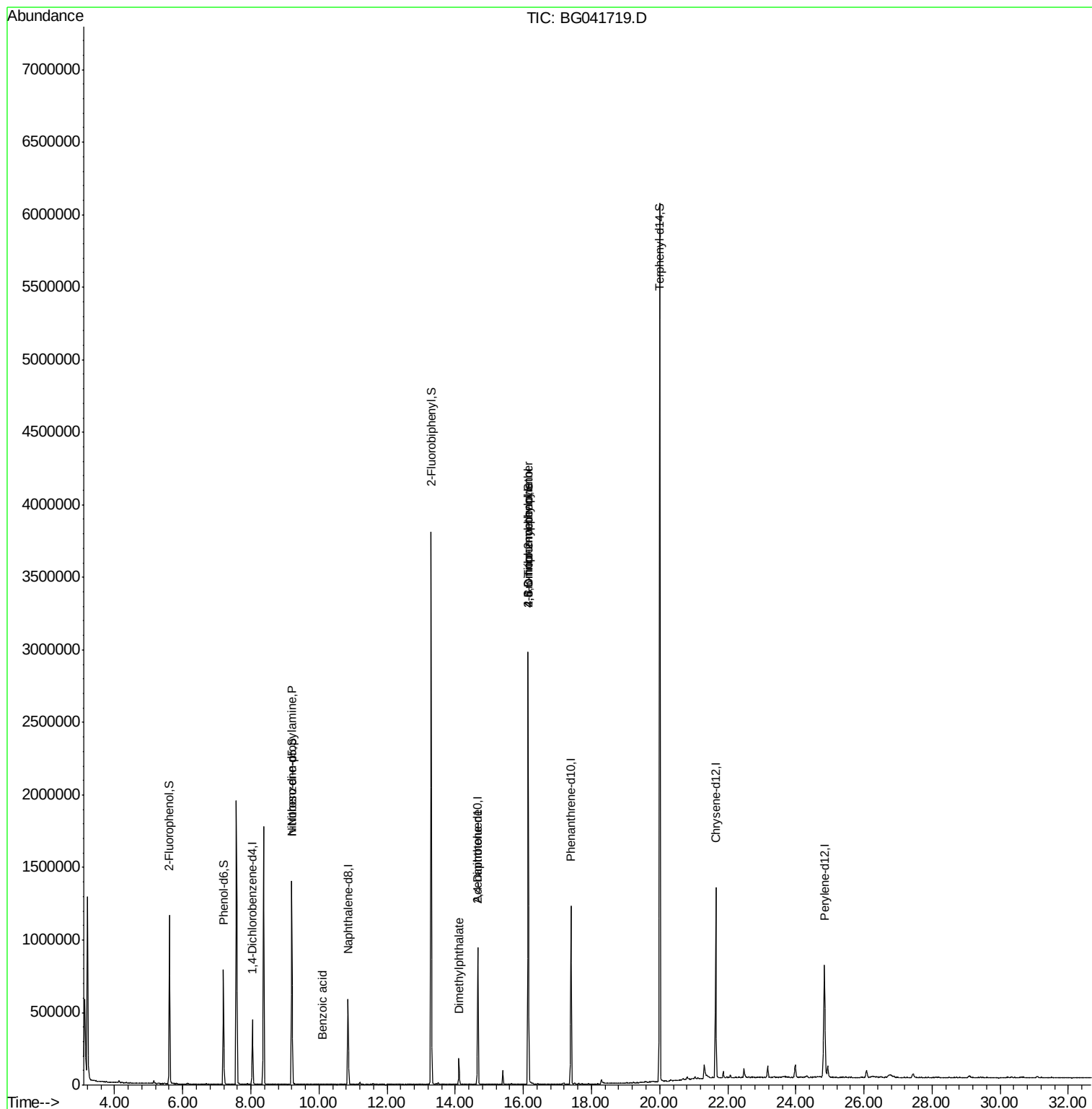
Target Compounds				Qvalue		
9) Benzaldehyde	7.19	77	835	Below Cal	#	3
19) n-Nitroso-di-n-propylamine	9.20	70	114153	14.698 ng	#	73
32) Benzoic acid	10.11	122	55	6.020 ng	#	1
50) Dimethylphthalate	14.11	163	128991	5.046 ng		95
57) 2,4-Dinitrotoluene	14.66	165	42958	5.993 ng	#	29
65) 4,6-Dinitro-2-methylphenol	16.14	198	1870	7.119 ng	#	1
67) 4-Bromophenyl-phenylether	16.14	248	44136	4.867 ng	#	1

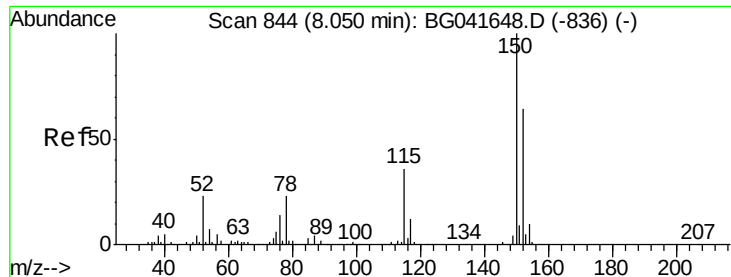
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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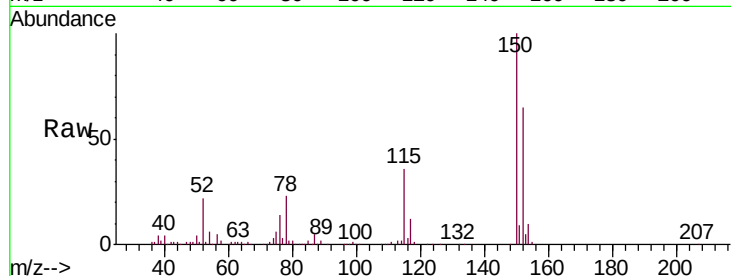


#1

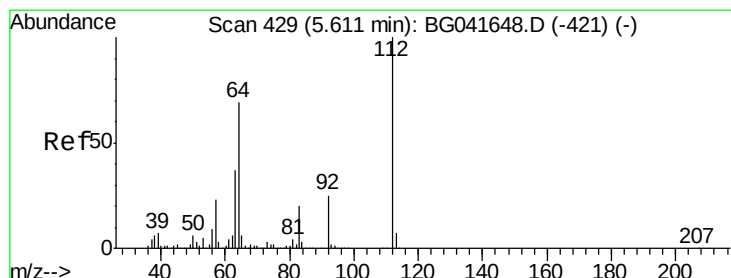
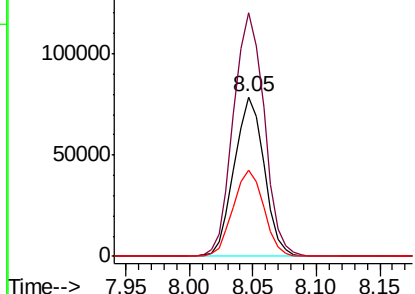
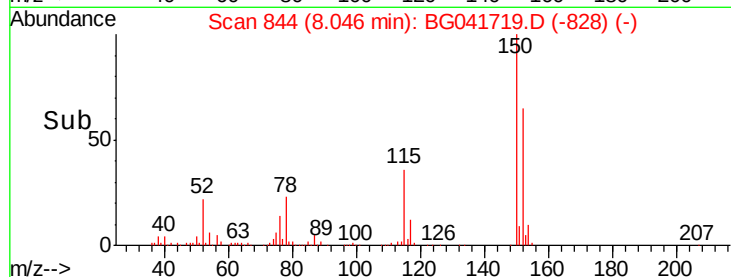
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG041719.D
Acq: 18 Jul 2019 21:00

Instrument :
BNA_G
ClientSampleId :
TW-9

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.0	126.9	190.3
115	54.4	45.0	67.6



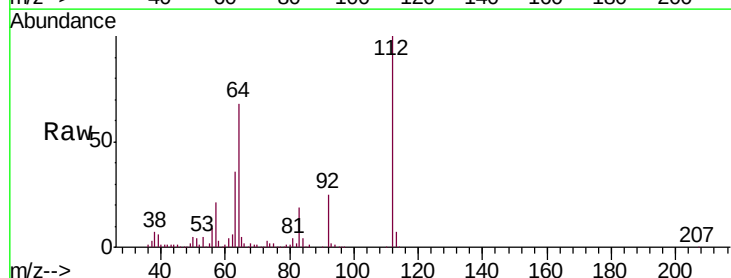
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



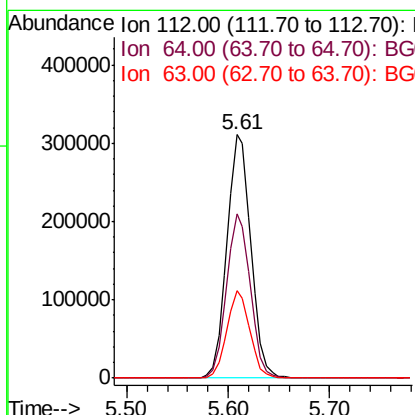
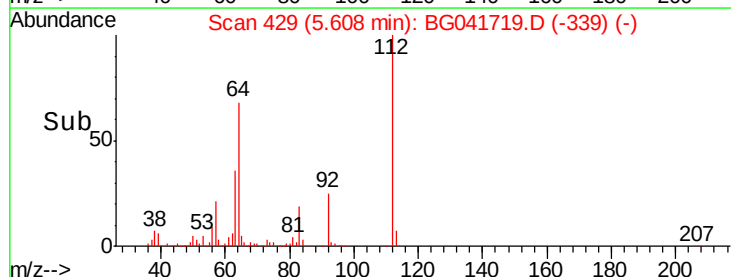
#5

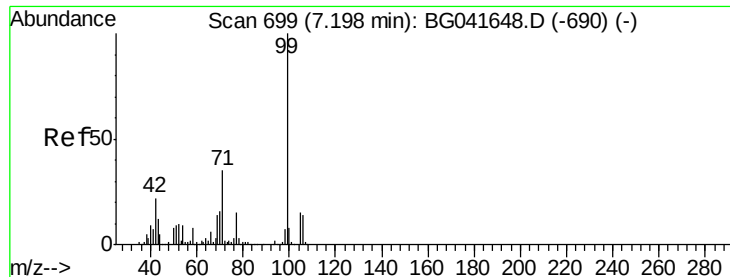
2-Fluorophenol
Concen: 64.352 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.00 min
Lab File: BG041719.D
Acq: 18 Jul 2019 21:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.7	55.4	83.2
63	36.1	29.1	43.7



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: 43.036 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG041719.D

Acq: 18 Jul 2019 21:00

Instrument :

BNA_G

ClientSampleId :

TW-9

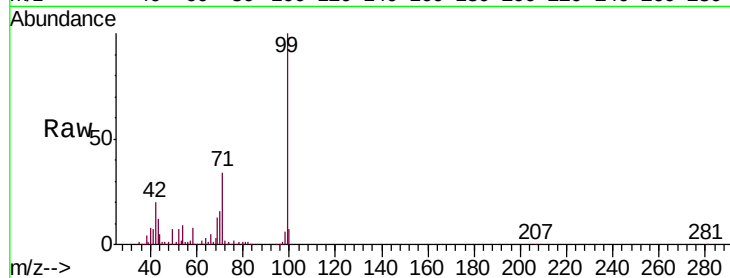
Tgt Ion: 99 Resp: 457313

Ion Ratio Lower Upper

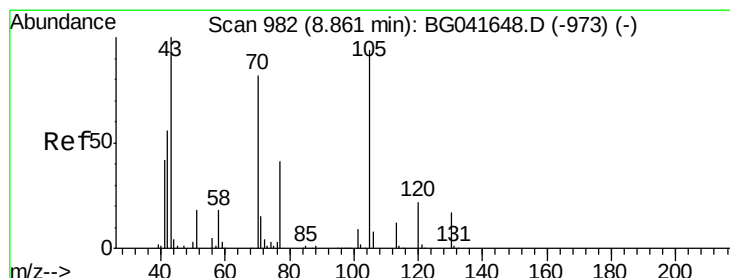
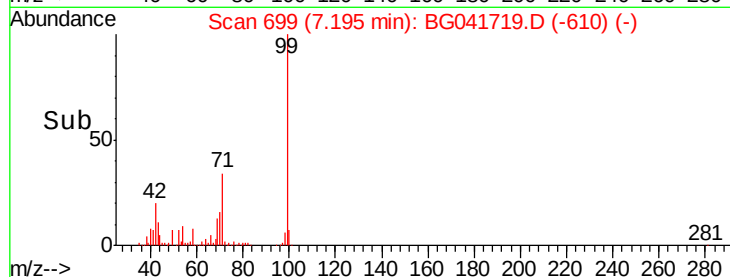
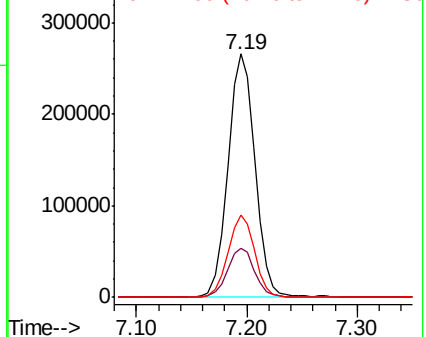
99 100

42 20.0 17.6 26.4

71 33.9 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: 14.698 ng

RT: 9.20 min Scan# 1041

Delta R.T. 0.34 min

Lab File: BG041719.D

Acq: 18 Jul 2019 21:00

Tgt Ion: 70 Resp: 114153

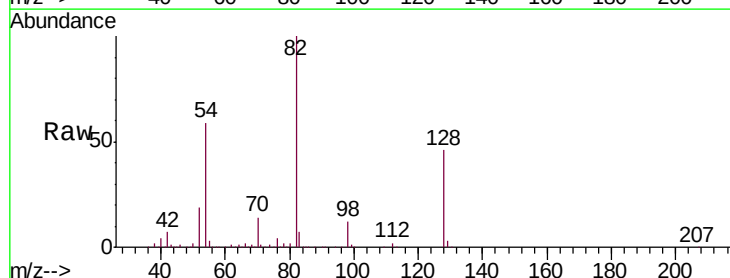
Ion Ratio Lower Upper

70 100

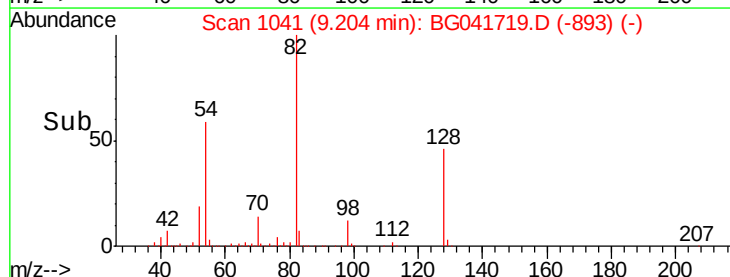
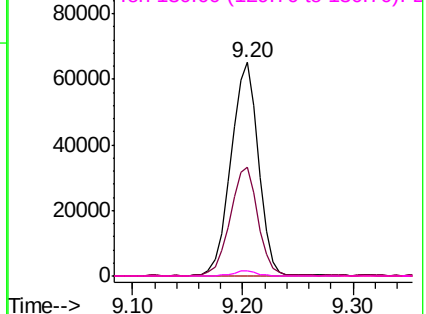
42 50.8 55.8 83.6#

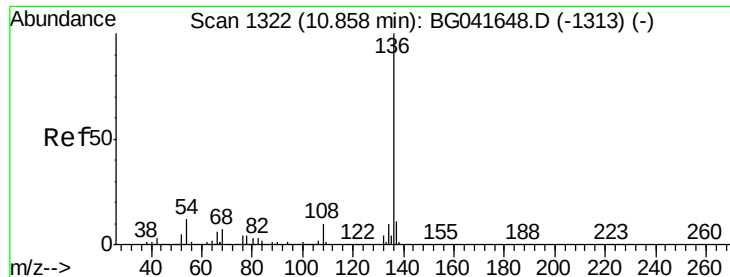
101 0.0 8.1 12.1#

130 2.1 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

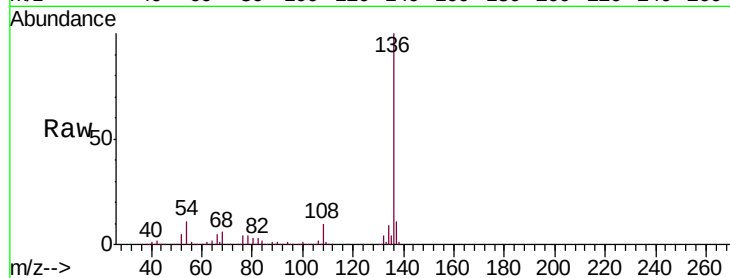




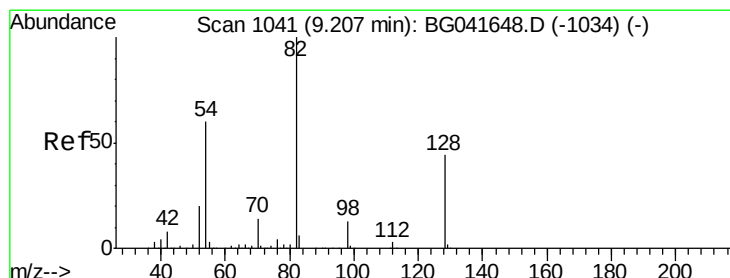
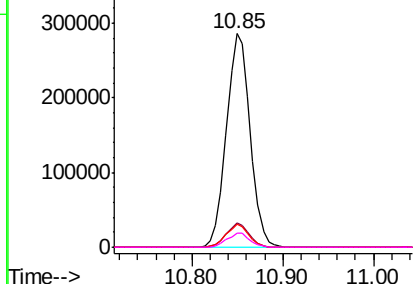
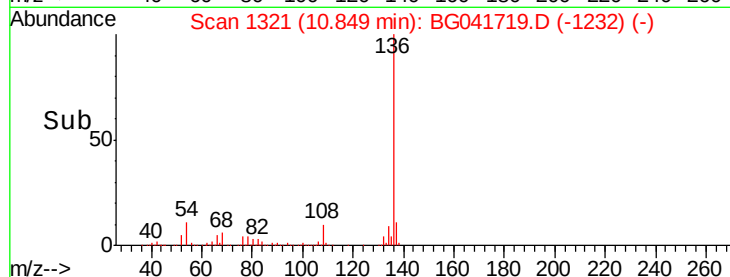
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041719.D
Acq: 18 Jul 2019 21:00

Instrument :
BNA_G
ClientSampleId :
TW-9

Tgt Ion:	136	Resp:	517310
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	10.9	8.7	13.1
68	6.5	5.5	8.3

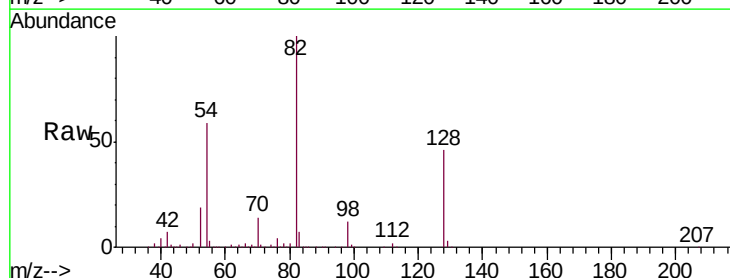


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

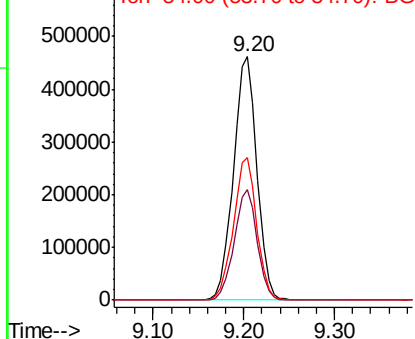
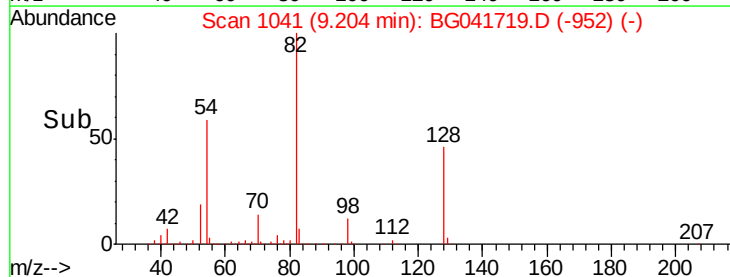


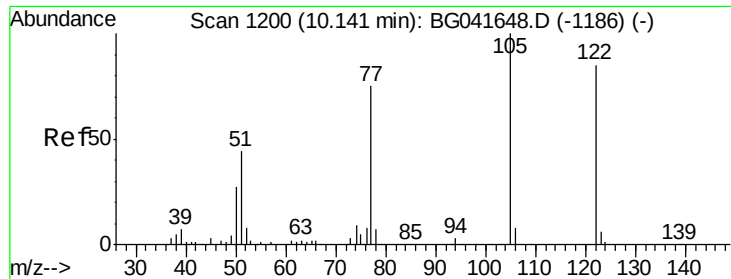
#23
Nitrobenzene-d5
Concen: 97.940 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041719.D
Acq: 18 Jul 2019 21:00

Tgt Ion:	82	Resp:	833107
Ion	Ratio	Lower	Upper
82	100		
128	45.6	35.1	52.7
54	58.7	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





#32

Benzoic acid

Concen: 6.020 ng

RT: 10.11 min Scan# 1195

Delta R.T. -0.06 min

Lab File: BG041719.D

Acq: 18 Jul 2019 21:00

Instrument :

BNA_G

ClientSampleId :

TW-9

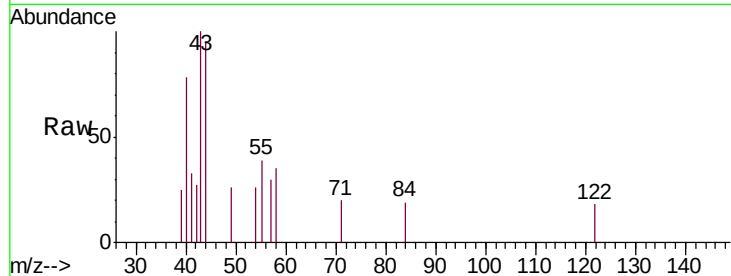
Tgt Ion:122 Resp: 55

Ion Ratio Lower Upper

122 100

105 0.0 101.5 141.5#

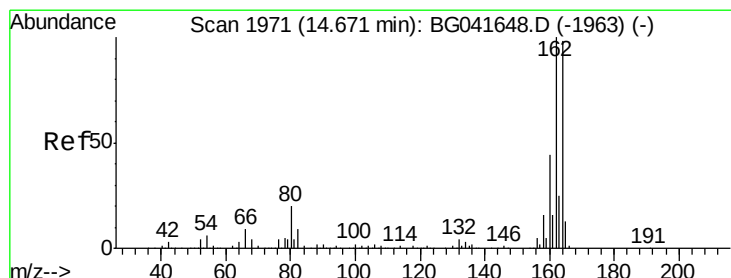
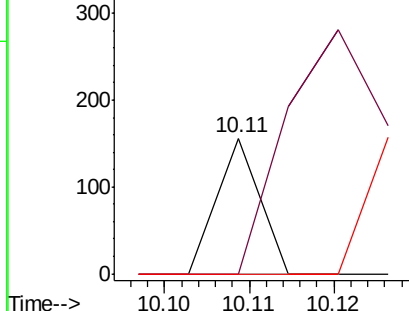
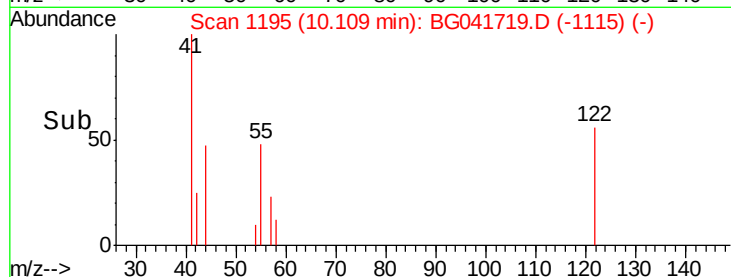
77 0.0 73.0 113.0#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BG041719.D

Acq: 18 Jul 2019 21:00

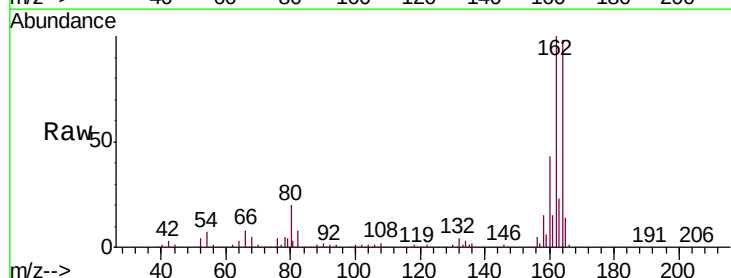
Tgt Ion:164 Resp: 325499

Ion Ratio Lower Upper

164 100

162 102.4 79.6 119.4

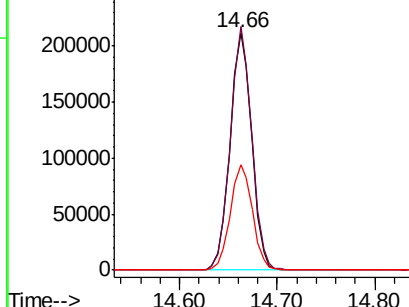
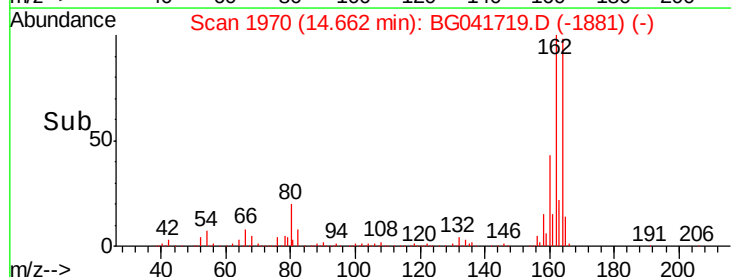
160 44.4 35.4 53.0

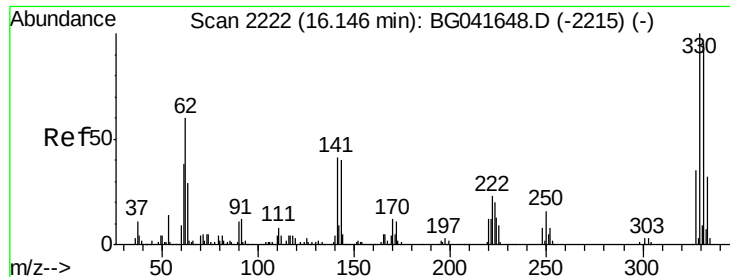


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

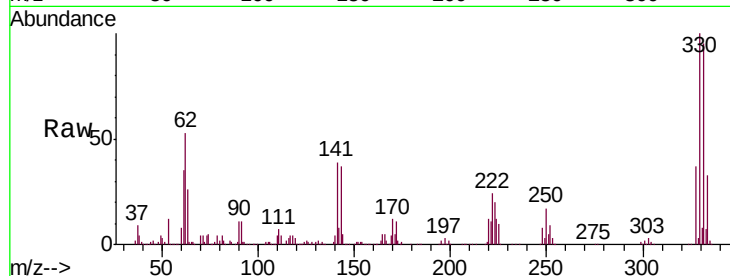




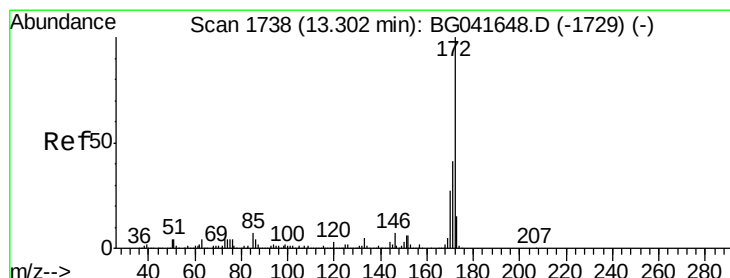
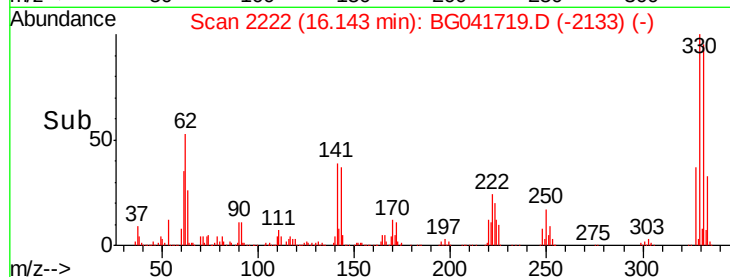
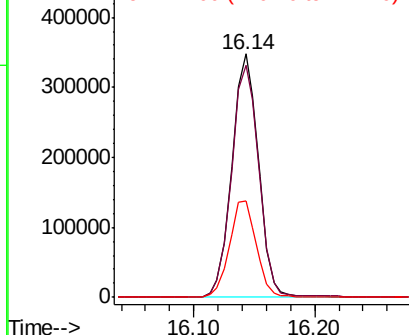
#42
 2,4,6-Tribromophenol
 Concen: 145.830 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BG041719.D
 Acq: 18 Jul 2019 21:00

Instrument :
 BNA_G
 ClientSampleId :
 TW-9

Tgt Ion:330 Resp: 534950
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.4 116.0
 141 40.0 31.9 47.9

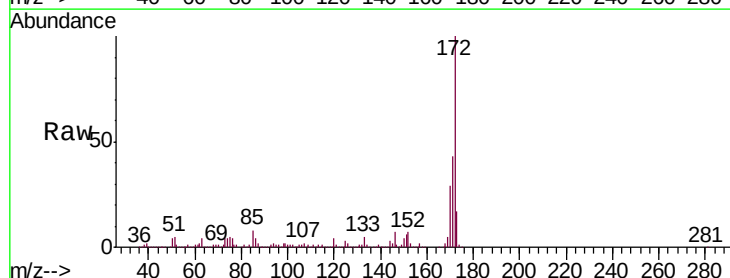


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

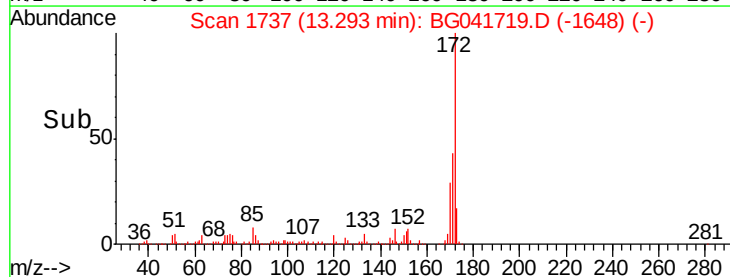
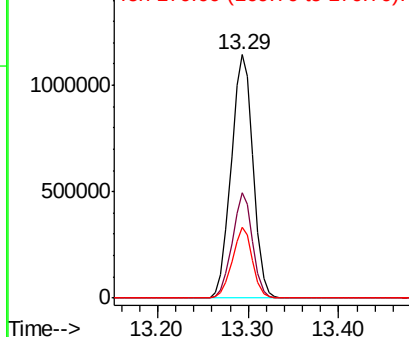


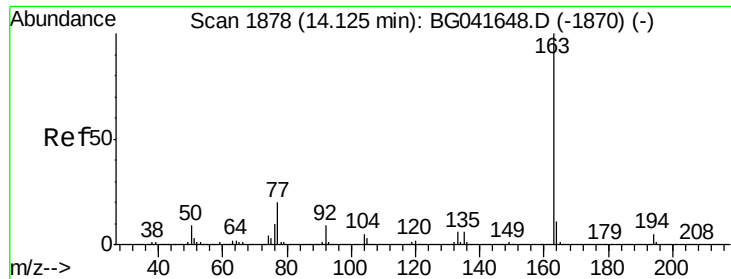
#45
 2-Fluorobiphenyl
 Concen: 91.380 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BG041719.D
 Acq: 18 Jul 2019 21:00

Tgt Ion:172 Resp: 1920844
 Ion Ratio Lower Upper
 172 100
 171 43.3 35.0 52.4
 170 29.2 23.5 35.3



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

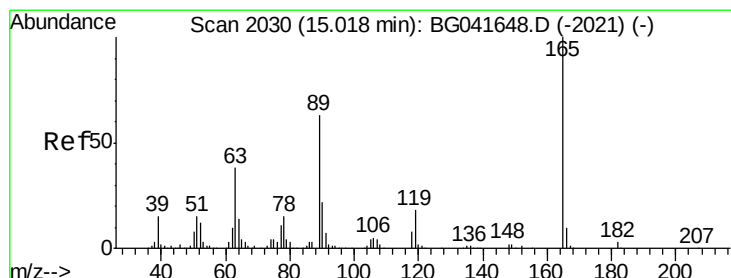
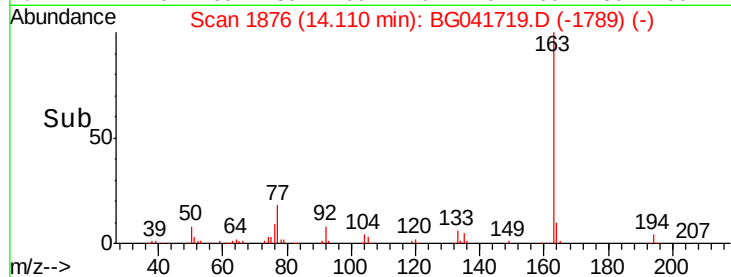
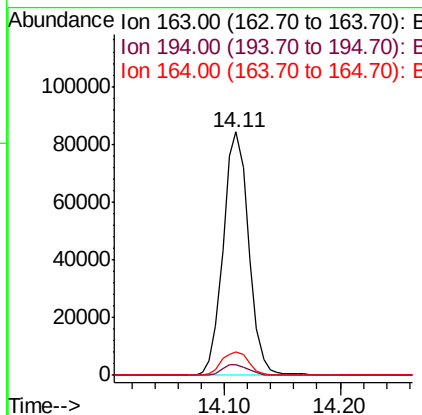
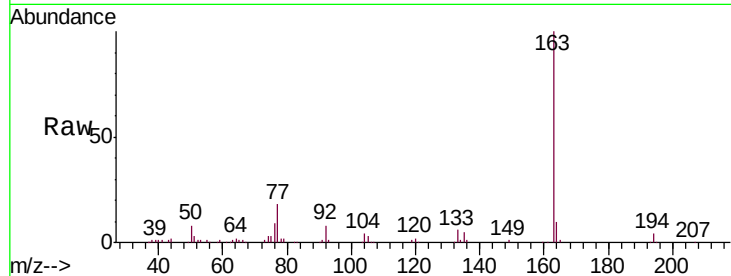




#50
Dimethylphthalate
Concen: 5.046 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.02 min
Lab File: BG041719.D
Acq: 18 Jul 2019 21:00

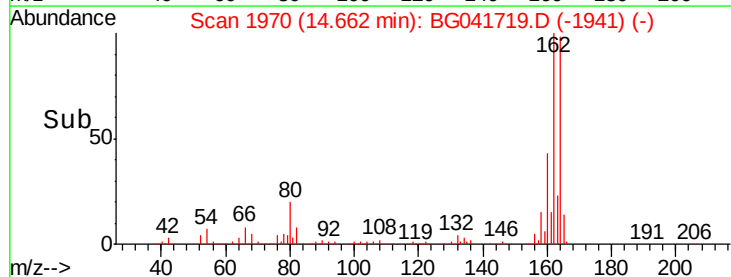
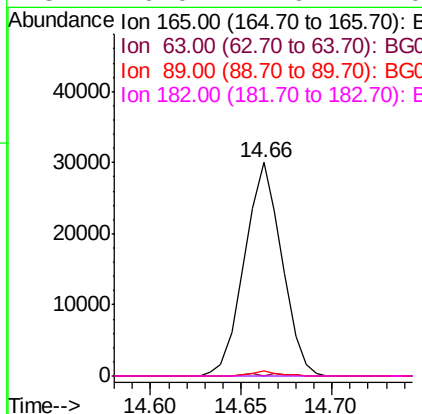
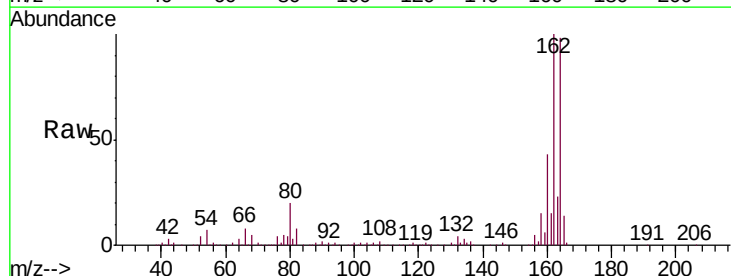
Instrument :
BNA_G
ClientSampled :
TW-9

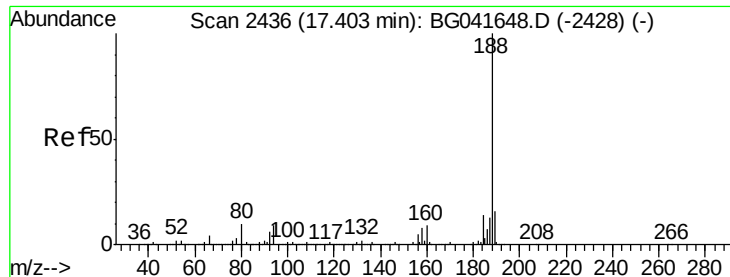
Tgt Ion:163 Resp: 128991
Ion Ratio Lower Upper
163 100
194 4.4 4.2 6.2
164 9.5 9.4 14.2



#57
2,4-Dinitrotoluene
Concen: 5.993 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.36 min
Lab File: BG041719.D
Acq: 18 Jul 2019 21:00

Tgt Ion:165 Resp: 42958
Ion Ratio Lower Upper
165 100
63 0.0 31.7 47.5#
89 2.4 50.2 75.4#
182 0.0 2.6 4.0#

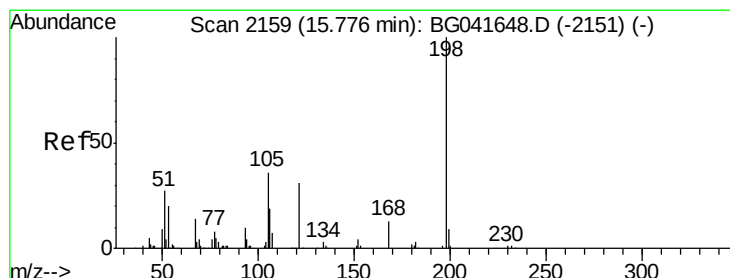
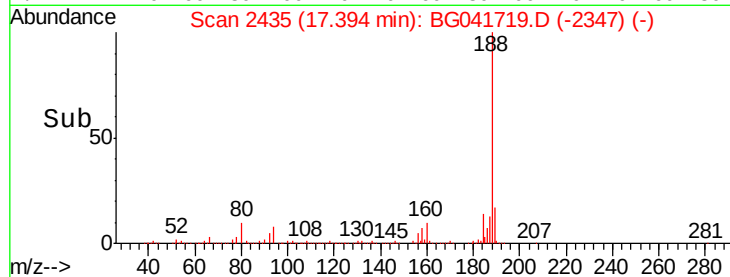
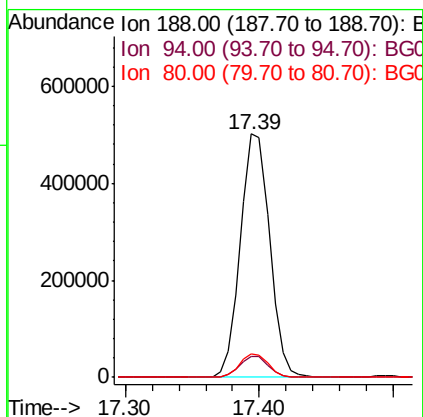
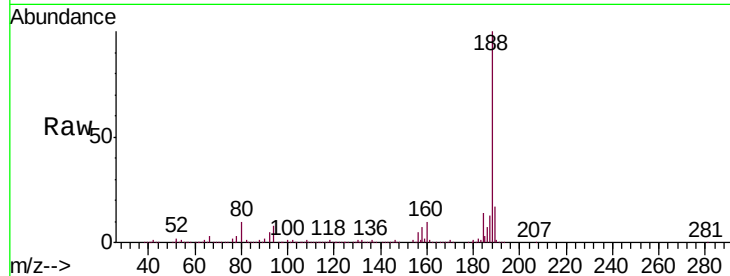




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG041719.D
Acq: 18 Jul 2019 21:00

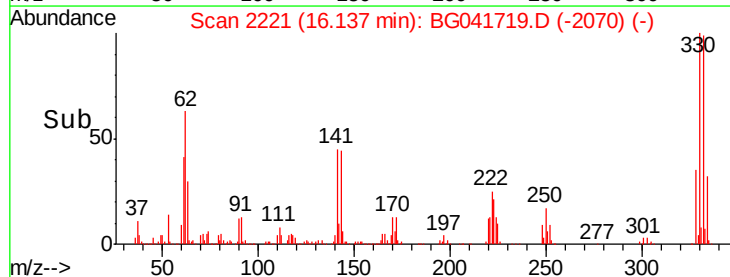
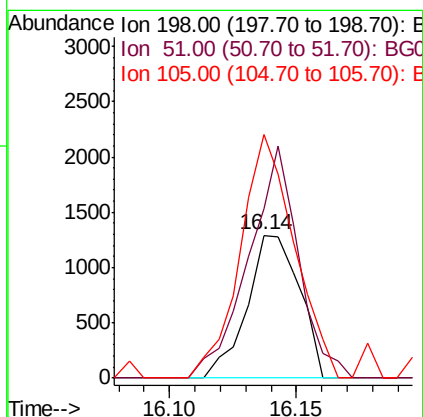
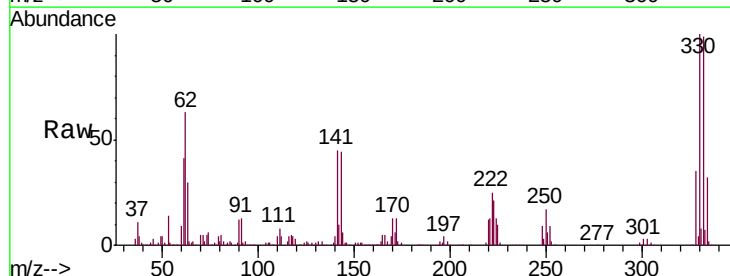
Instrument :
BNA_G
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TW-9

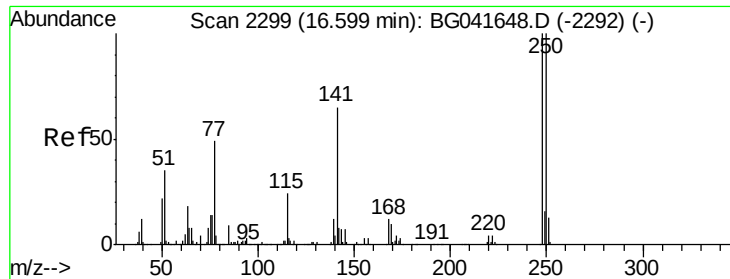
Tgt Ion:188 Resp: 762086
Ion Ratio Lower Upper
188 100
94 8.5 6.9 10.3
80 9.7 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 7.119 ng
RT: 16.14 min Scan# 2221
Delta R.T. 0.36 min
Lab File: BG041719.D
Acq: 18 Jul 2019 21:00

Tgt Ion:198 Resp: 1870
Ion Ratio Lower Upper
198 100
51 118.8 22.3 62.3#
105 170.2 18.0 58.0#

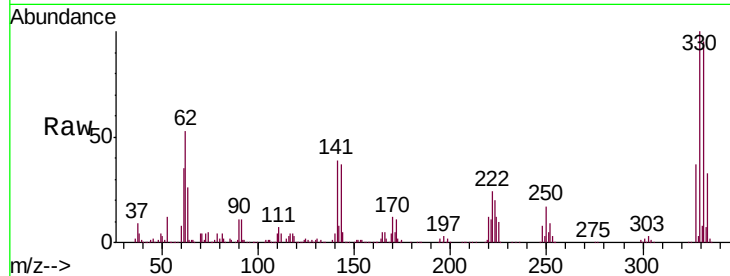




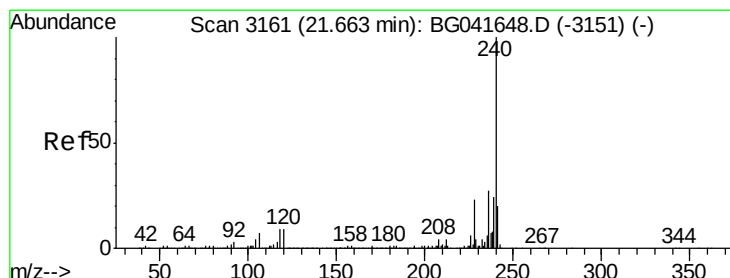
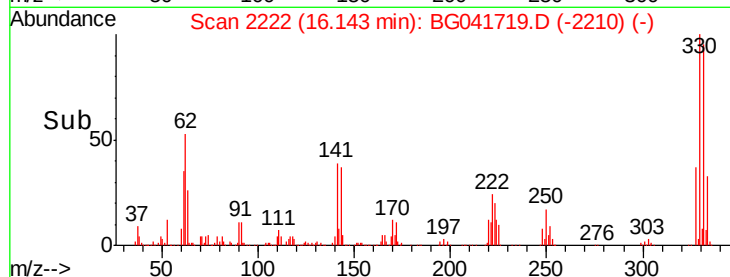
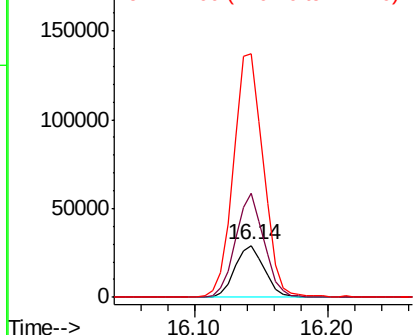
#67
 4-Bromophenyl-phenylether
 Concen: 4.867 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.46 min
 Lab File: BG041719.D
 Acq: 18 Jul 2019 21:00

Instrument :
 BNA_G
 ClientSampled :
 TW-9

Tgt Ion:248 Resp: 44136
 Ion Ratio Lower Upper
 248 100
 250 201.1 78.1 117.1#
 141 467.8 49.6 74.4#

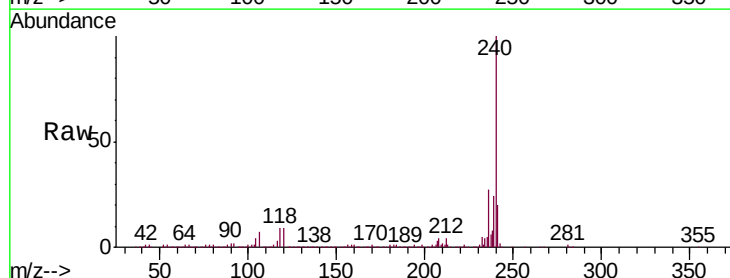


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

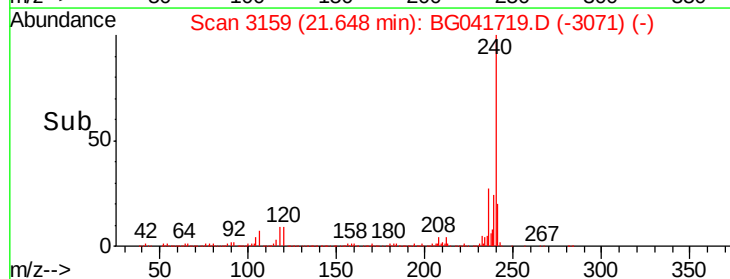
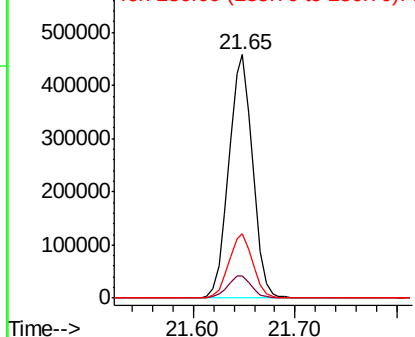


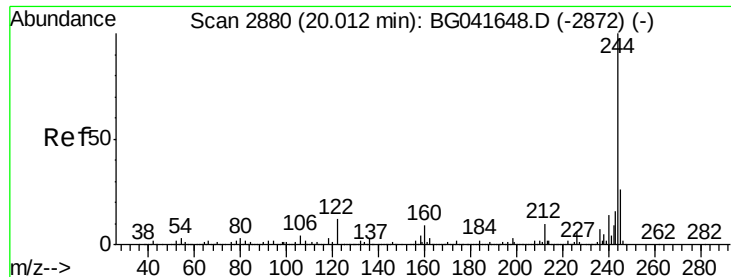
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.65 min Scan# 3159
 Delta R.T. -0.01 min
 Lab File: BG041719.D
 Acq: 18 Jul 2019 21:00

Tgt Ion:240 Resp: 744371
 Ion Ratio Lower Upper
 240 100
 120 9.1 8.0 12.0
 236 26.6 22.6 33.8



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: 83.100 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG041719.D

Acq: 18 Jul 2019 21:00

Instrument :

BNA_G

ClientSampleId :

TW-9

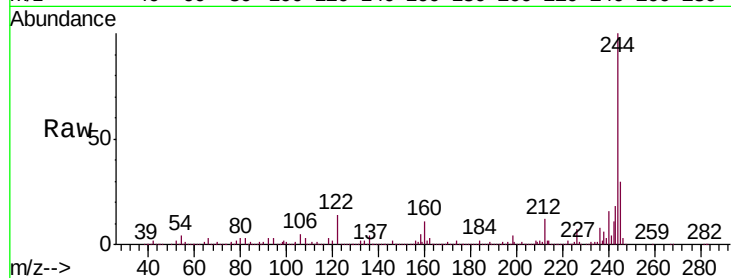
Tgt Ion:244 Resp: 2647007

Ion Ratio Lower Upper

244 100

212 11.8 9.7 14.5

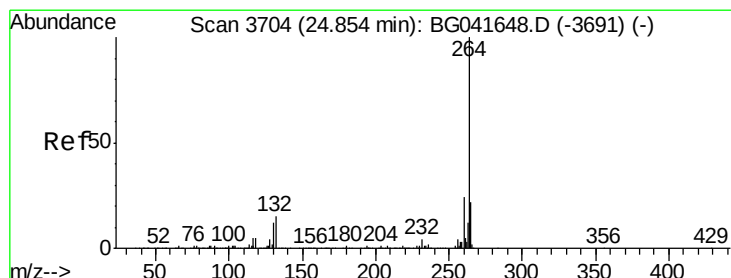
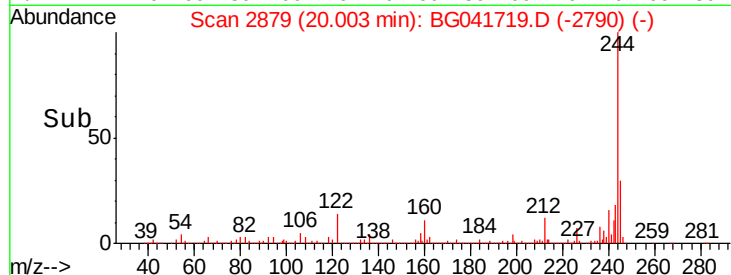
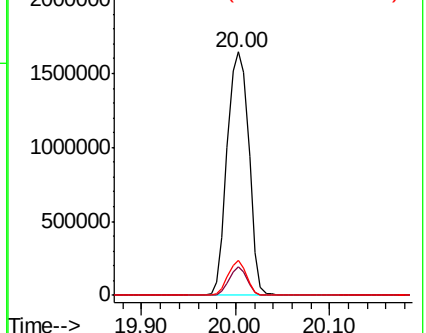
122 14.4 12.5 18.7



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: 24.84 min Scan# 3702

Delta R.T. -0.03 min

Lab File: BG041719.D

Acq: 18 Jul 2019 21:00

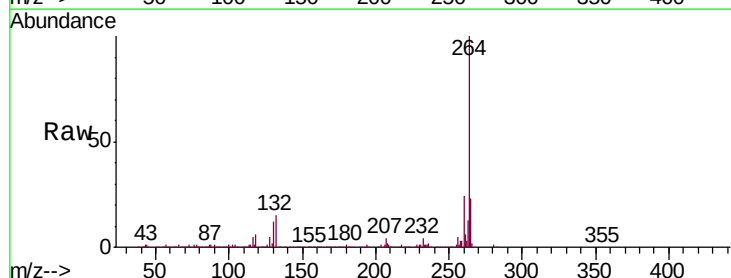
Tgt Ion:264 Resp: 833308

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 22.6 18.0 27.0



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

