

Data File : BG041721.D
Acq On : 18 Jul 2019 22:17
Operator : HP/JU
Sample : K3834-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TW-4

Quant Time: Jul 19 08:27:32 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	123124	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	501648	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	321138	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	755569	20.00	ng	0.00
76) Chrysene-d12	21.64	240	708591	20.00	ng	-0.02
87) Perylene-d12	24.84	264	814606	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	486688	64.62	ng	0.00
7) Phenol-d6	7.19	99	442179	43.65	ng	0.00
23) Nitrobenzene-d5	9.20	82	786662	95.37	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	524050	144.80	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1827375	88.11	ng	0.00
79) Terphenyl-d14	20.00	244	2559387	84.41	ng	0.00

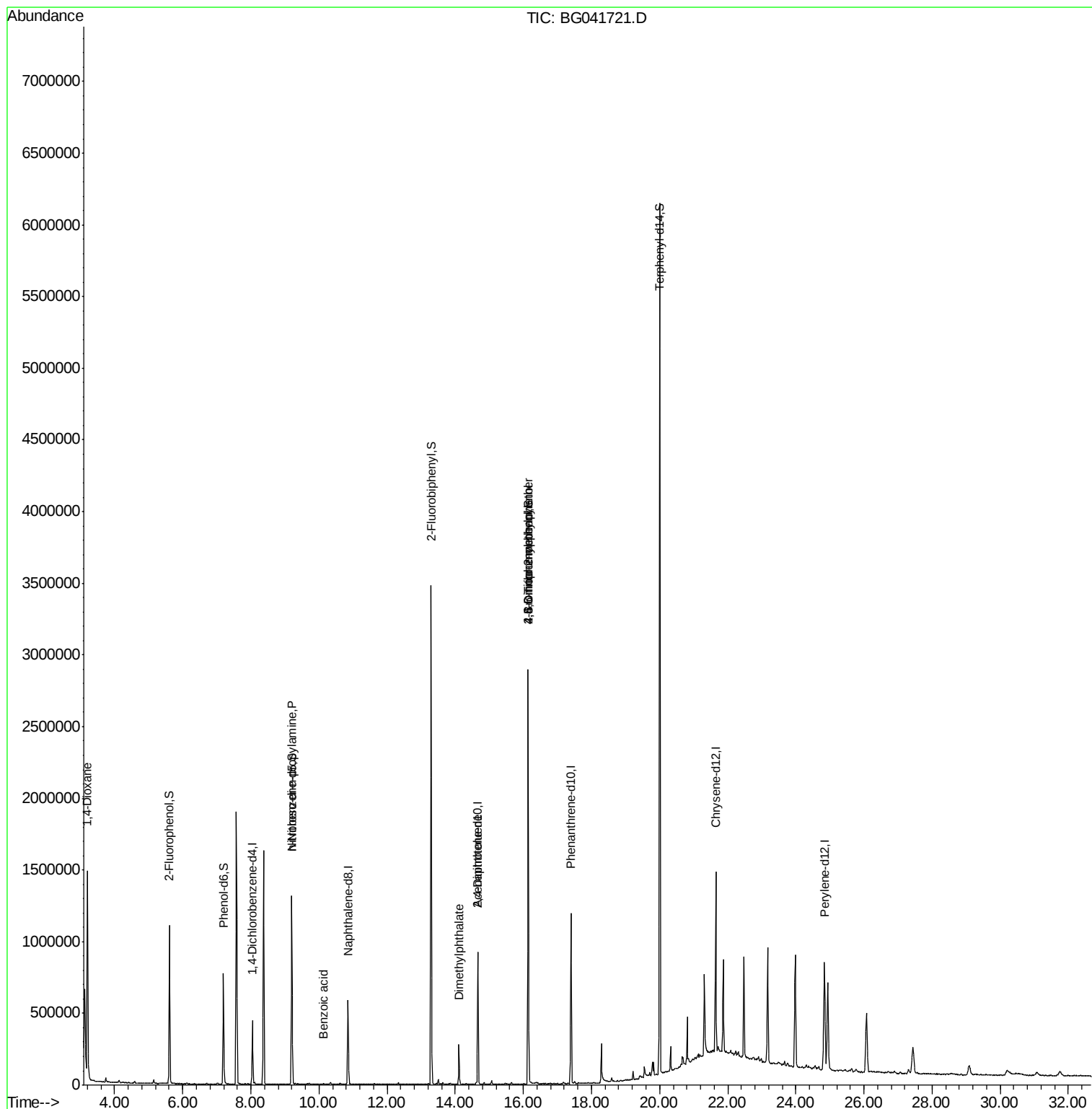
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.21	88	16159	4.517	ng	# 1
19) n-Nitroso-di-n-propylamine	9.20	70	110152	14.876	ng	# 69
32) Benzoic acid	10.13	122	119	6.031	ng	# 37
50) Dimethylphthalate	14.11	163	189068	7.496	ng	# 98
57) 2,4-Dinitrotoluene	14.66	165	41994	5.938	ng	# 29
65) 4,6-Dinitro-2-methylphenol	16.14	198	1628	7.065	ng	# 1
67) 4-Bromophenyl-phenylether	16.14	248	41849	4.655	ng	# 1

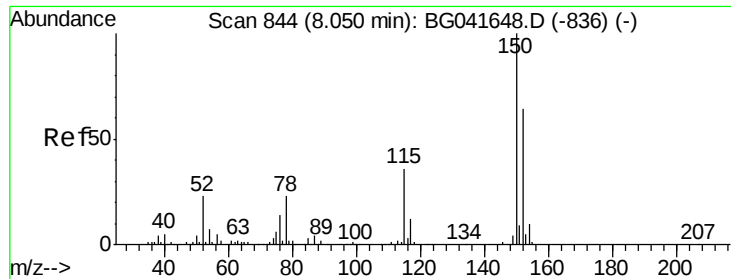
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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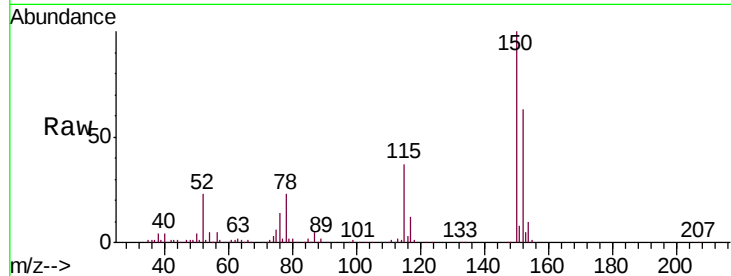


#1

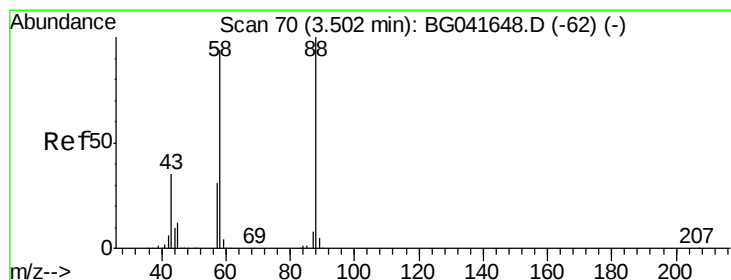
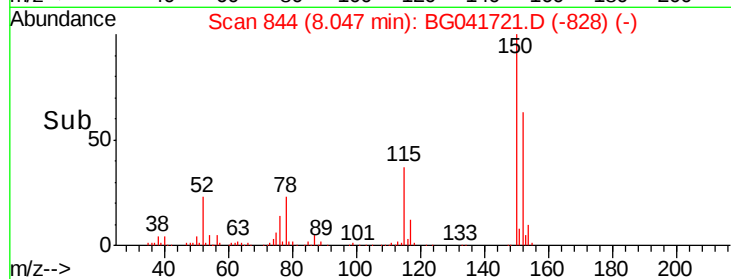
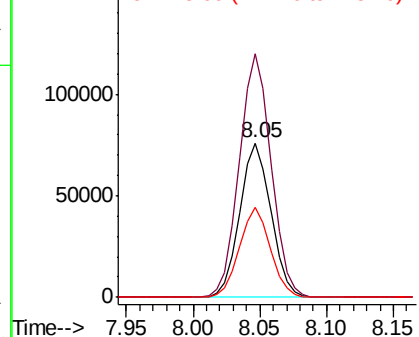
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG041721.D
Acq: 18 Jul 2019 22:17

Instrument :
BNA_G
ClientSampleId :
TW-4

Tgt Ion:152 Resp: 123124
Ion Ratio Lower Upper
152 100
150 157.5 126.9 190.3
115 58.4 45.0 67.6



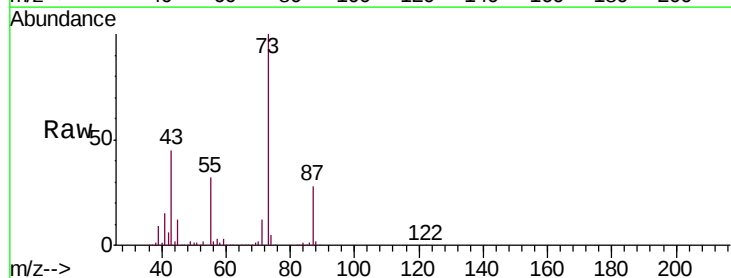
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



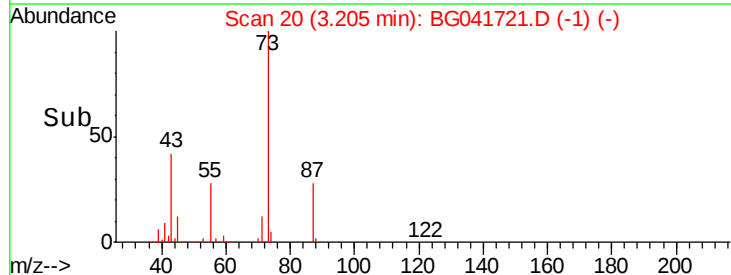
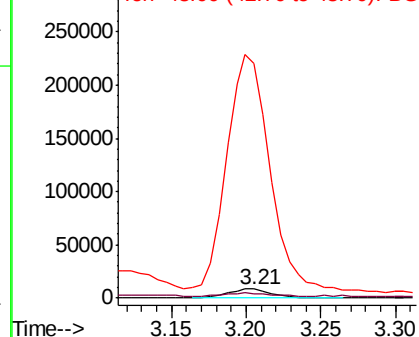
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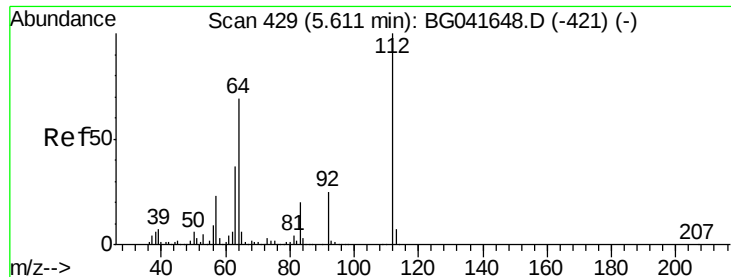
1,4-Dioxane
Concen: 4.517 ng
RT: 3.21 min Scan# 20
Delta R.T. -0.29 min
Lab File: BG041721.D
Acq: 18 Jul 2019 22:17

Tgt Ion: 88 Resp: 16159
Ion Ratio Lower Upper
88 100
58 40.0 76.2 114.2#
43 2808.9 27.2 40.8#



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: 64.619 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.00 min

Lab File: BG041721.D

Acq: 18 Jul 2019 22:17

Instrument :

BNA_G

ClientSampleId :

TW-4

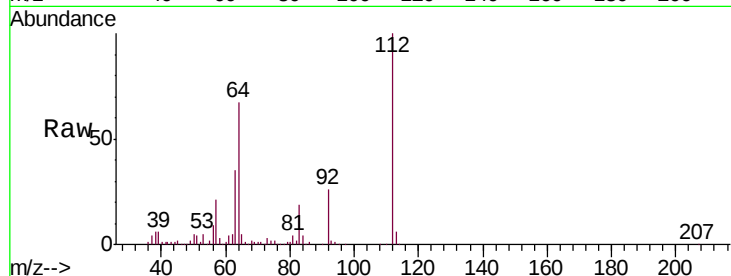
Tgt Ion: 112 Resp: 486688

Ion Ratio Lower Upper

112 100

64 66.8 55.4 83.2

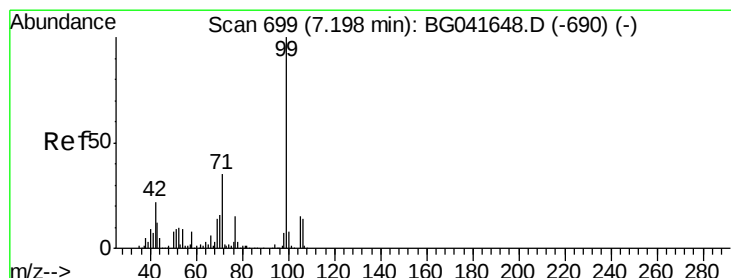
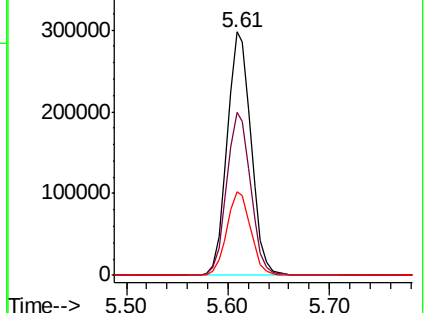
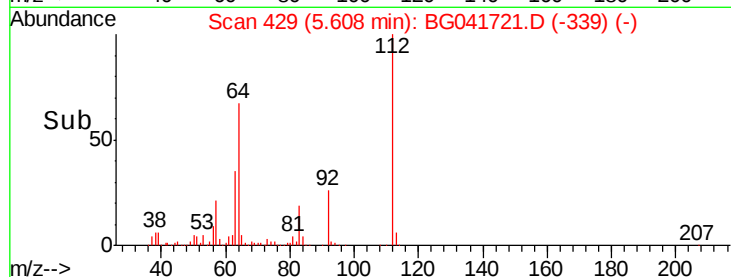
63 34.5 29.1 43.7



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: 43.649 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG041721.D

Acq: 18 Jul 2019 22:17

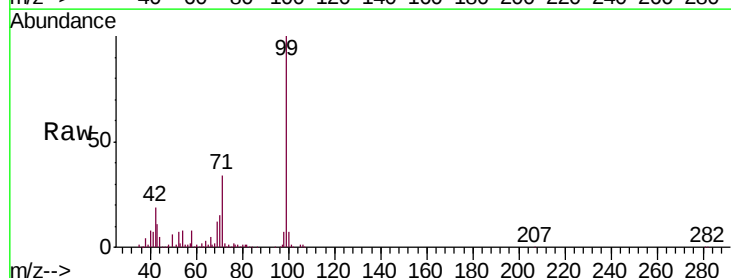
Tgt Ion: 99 Resp: 442179

Ion Ratio Lower Upper

99 100

42 19.5 17.6 26.4

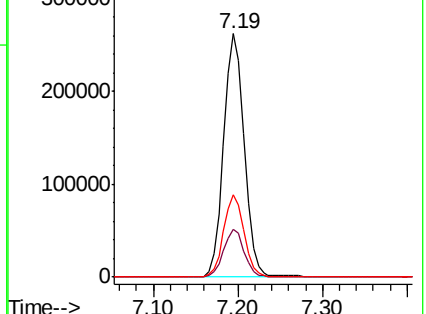
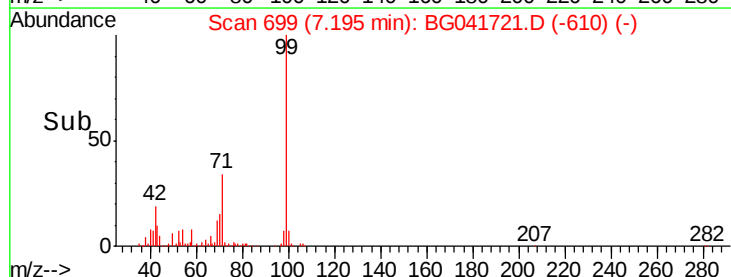
71 33.9 27.8 41.6

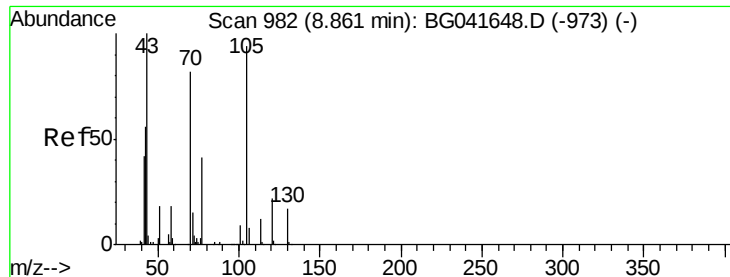


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

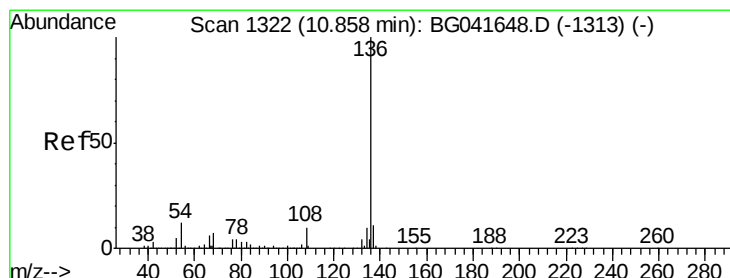
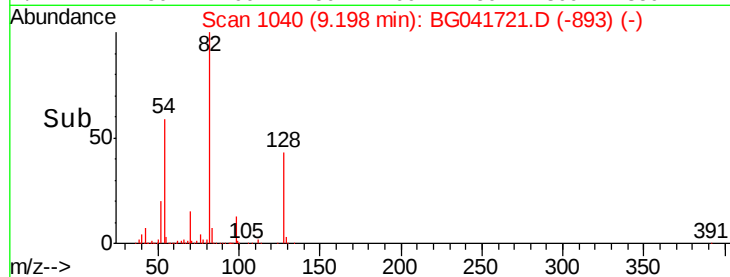
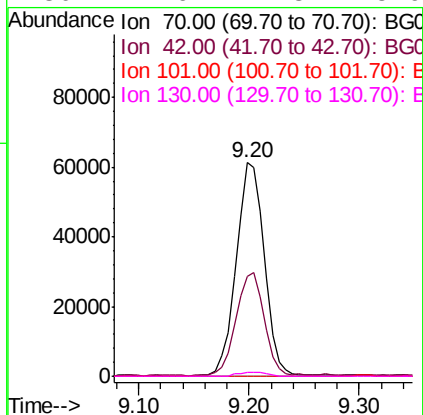
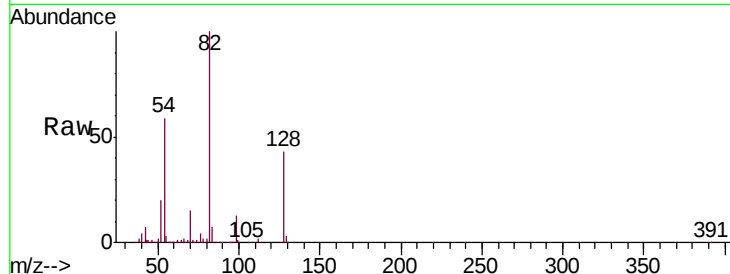




#19
n-Nitroso-di-n-propylamine
Concen: 14.876 ng
RT: 9.20 min Scan# 1040
Delta R.T. 0.33 min
Lab File: BG041721.D
Acq: 18 Jul 2019 22:17

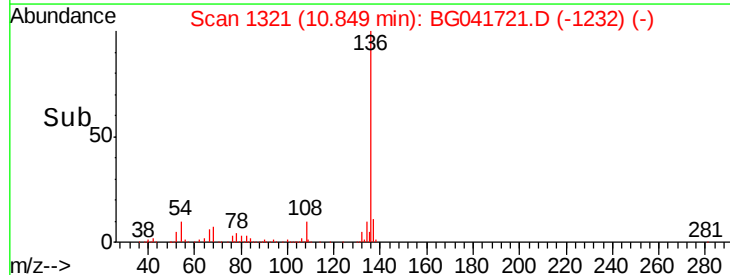
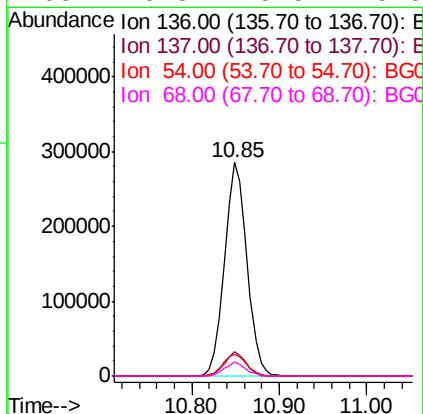
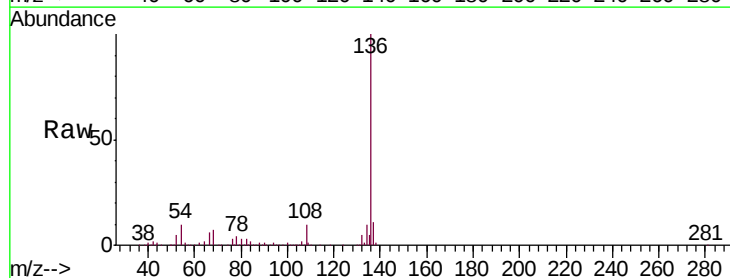
Instrument :
BNA_G
ClientSampleId :
TW-4

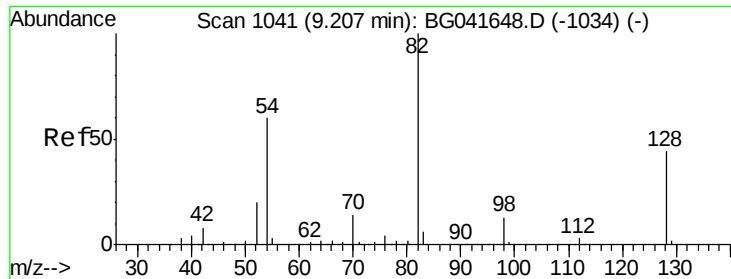
Tgt Ion: 70 Resp: 110152
Ion Ratio Lower Upper
70 100
42 47.1 55.8 83.6#
101 0.0 8.1 12.1#
130 1.6 17.3 25.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041721.D
Acq: 18 Jul 2019 22:17

Tgt Ion: 136 Resp: 501648
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 10.2 8.7 13.1
68 6.8 5.5 8.3

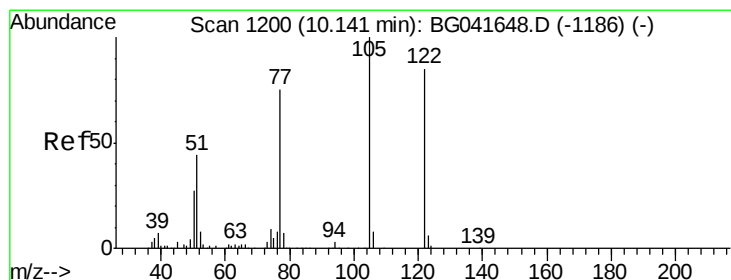
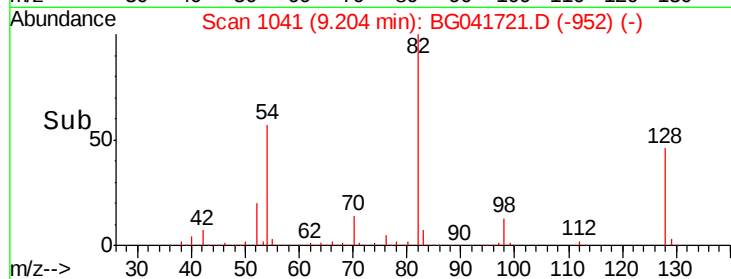
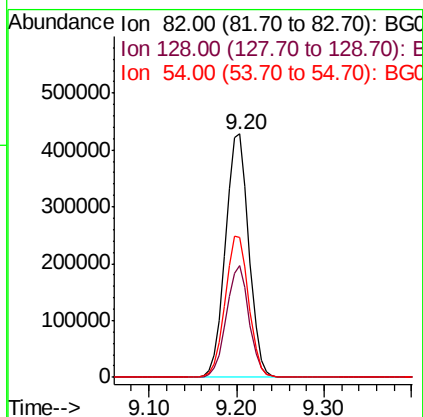
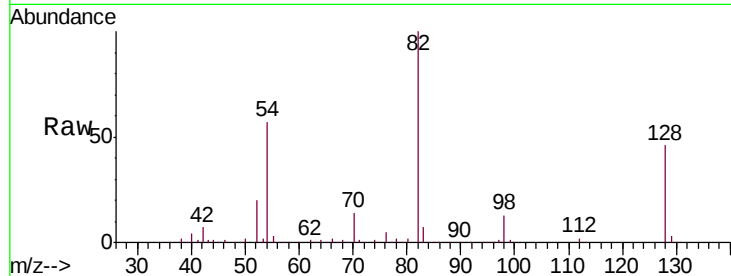




#23
 Nitrobenzene-d5
 Concen: 95.367 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG041721.D
 Acq: 18 Jul 2019 22:17

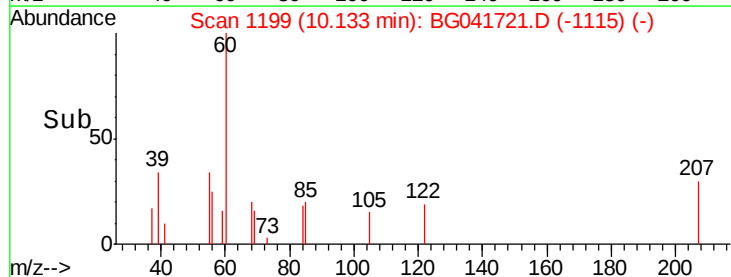
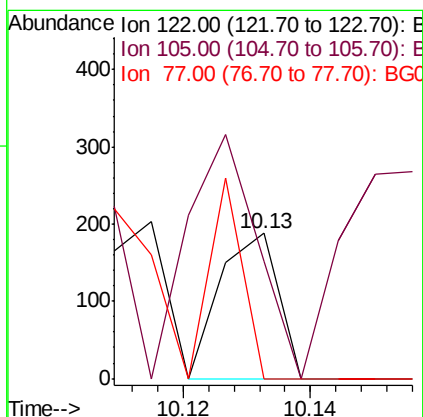
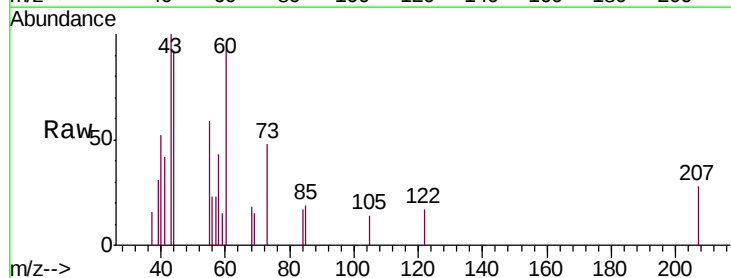
Instrument :
 BNA_G
 ClientSampleId :
 TW-4

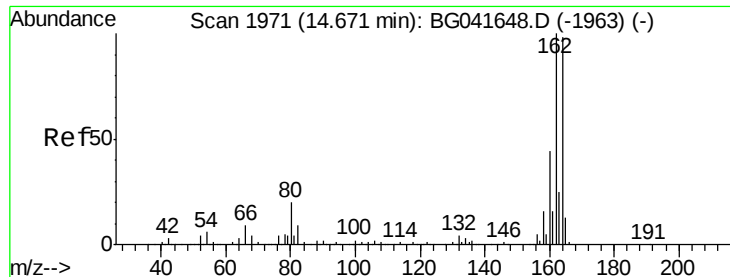
Tgt Ion: 82 Resp: 786662
 Ion Ratio Lower Upper
 82 100
 128 46.1 35.1 52.7
 54 57.4 48.7 73.1



#32
 Benzoic acid
 Concen: 6.031 ng
 RT: 10.13 min Scan# 1199
 Delta R.T. -0.04 min
 Lab File: BG041721.D
 Acq: 18 Jul 2019 22:17

Tgt Ion: 122 Resp: 119
 Ion Ratio Lower Upper
 122 100
 105 80.9 101.5 141.5#
 77 0.0 73.0 113.0#

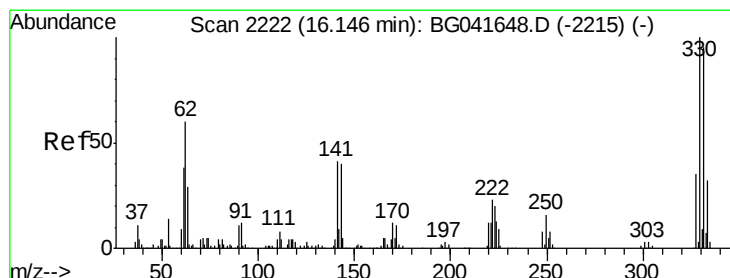
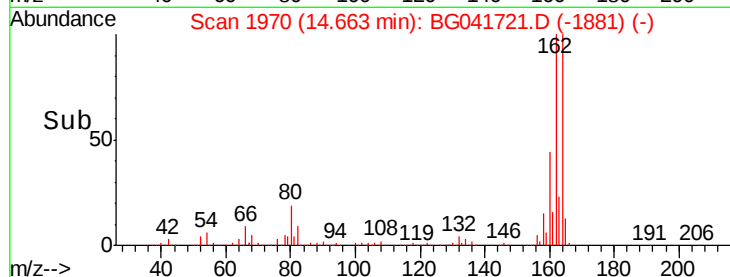
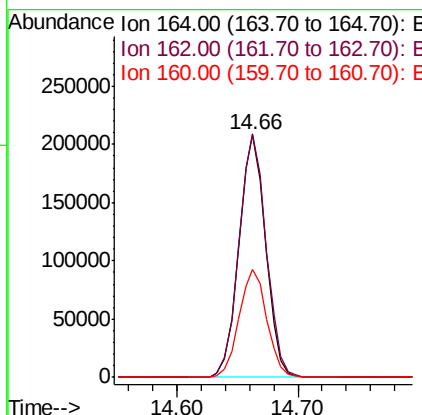
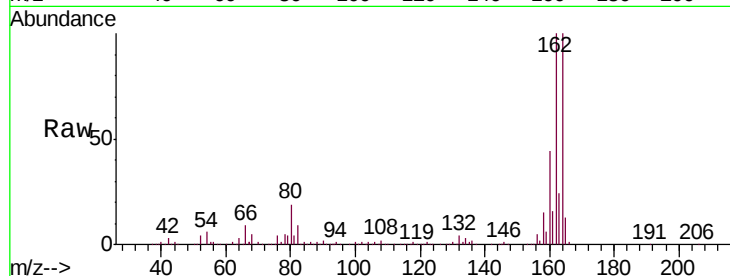




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG041721.D
Acq: 18 Jul 2019 22:17

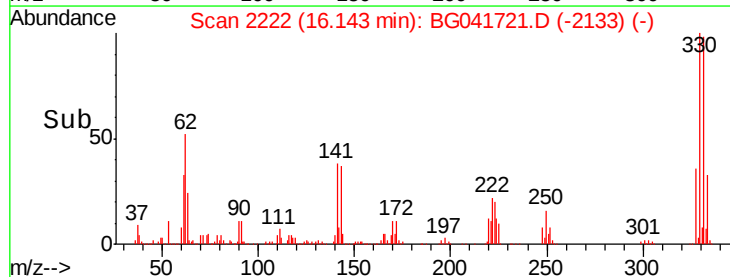
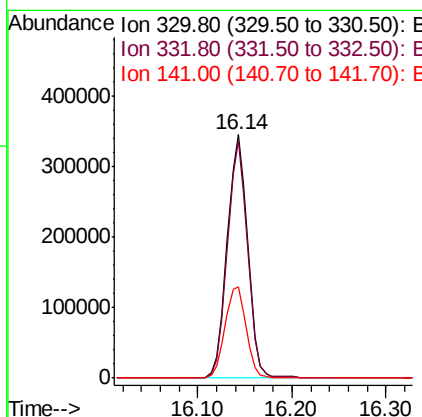
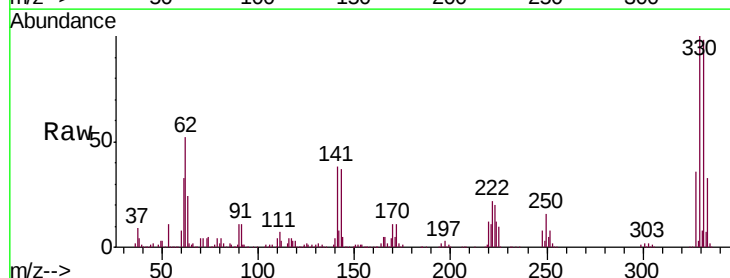
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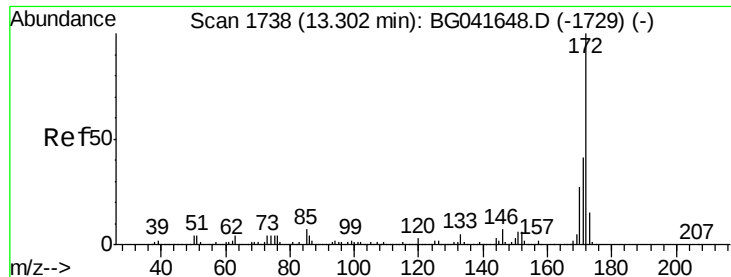
Tgt Ion:164 Resp: 321138
Ion Ratio Lower Upper
164 100
162 100.3 79.6 119.4
160 44.4 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 144.798 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BG041721.D
Acq: 18 Jul 2019 22:17

Tgt Ion:330 Resp: 524050
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.0
141 38.8 31.9 47.9

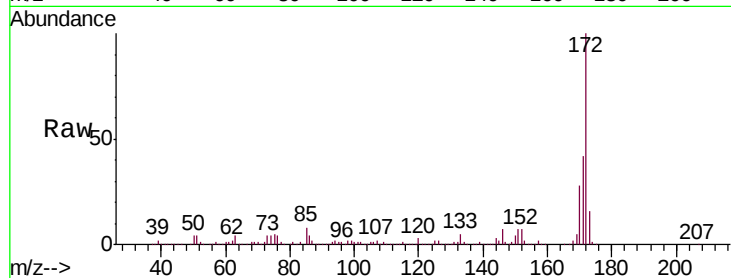




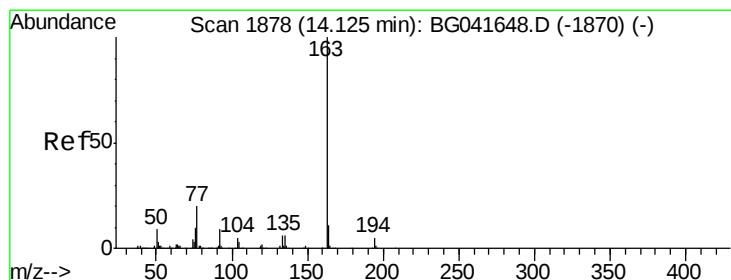
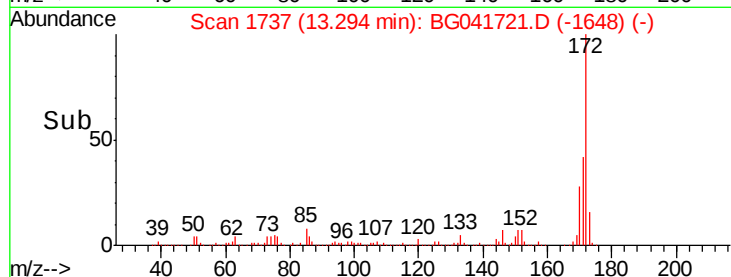
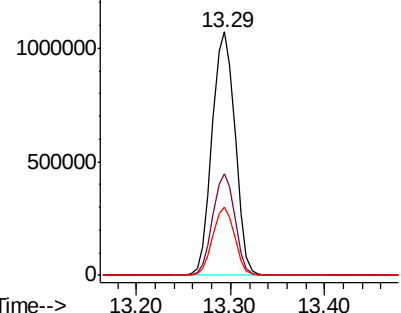
#45
 2-Fluorobiphenyl
 Concen: 88.114 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BG041721.D
 Acq: 18 Jul 2019 22:17

Instrument :
 BNA_G
 ClientSampled :
 TW-4

Tgt Ion:172 Resp: 1827375
 Ion Ratio Lower Upper
 172 100
 171 42.0 35.0 52.4
 170 27.9 23.5 35.3

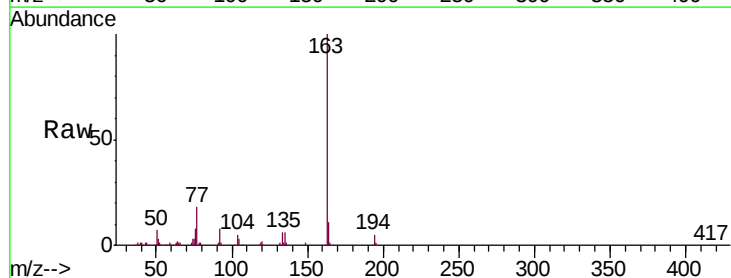


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

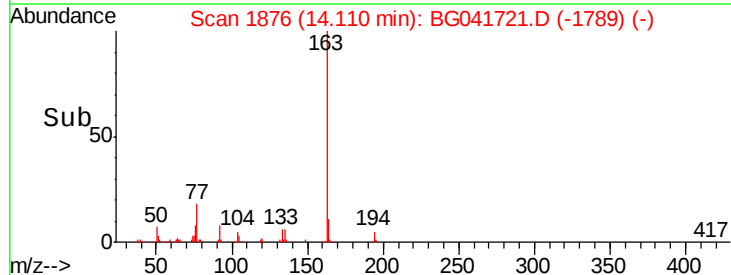
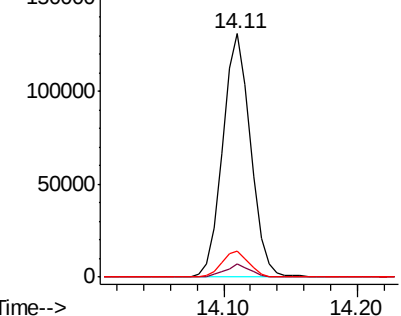


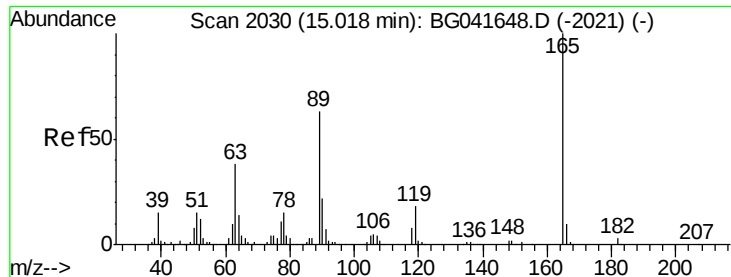
#50
 Dimethylphthalate
 Concen: 7.496 ng
 RT: 14.11 min Scan# 1876
 Delta R.T. -0.02 min
 Lab File: BG041721.D
 Acq: 18 Jul 2019 22:17

Tgt Ion:163 Resp: 189068
 Ion Ratio Lower Upper
 163 100
 194 5.2 4.2 6.2
 164 10.8 9.4 14.2



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

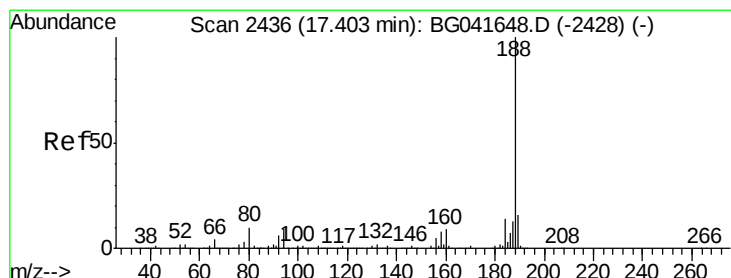
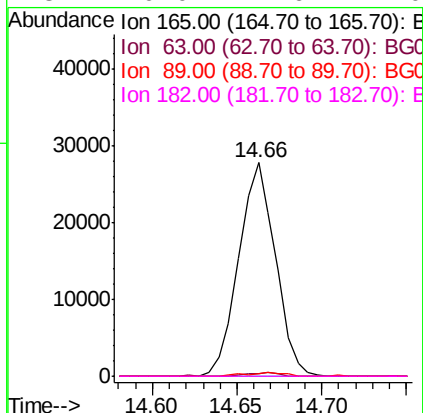
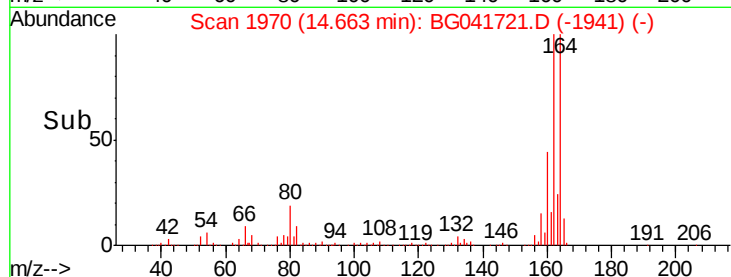
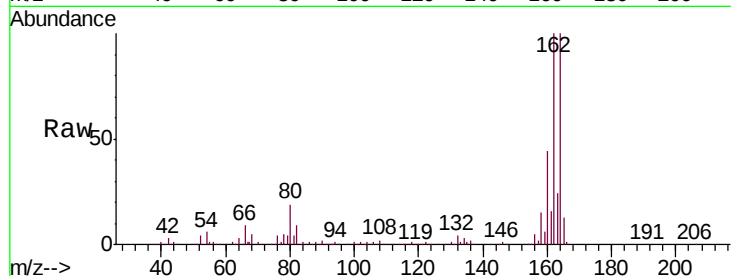




#57
 2,4-Dinitrotoluene
 Concen: 5.938 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.36 min
 Lab File: BG041721.D
 Acq: 18 Jul 2019 22:17

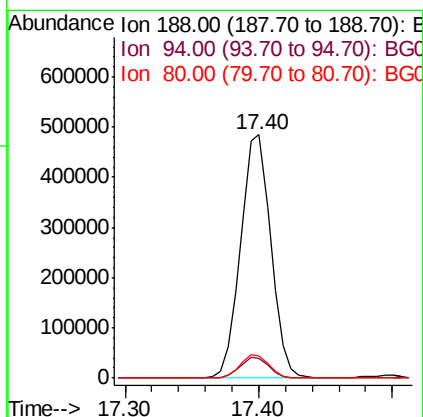
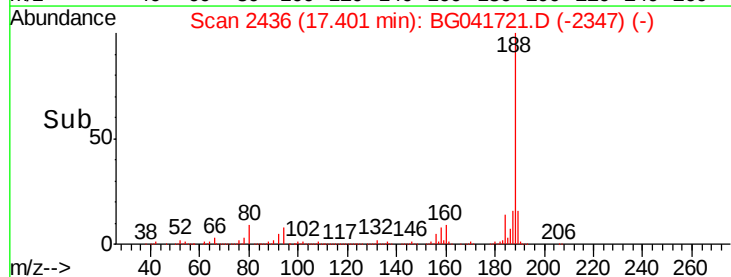
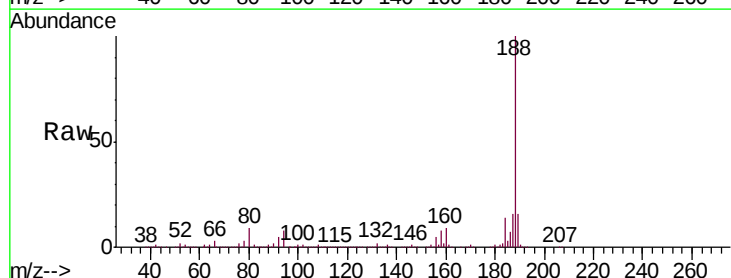
Instrument :
 BNA_G
 ClientSampleId :
 TW-4

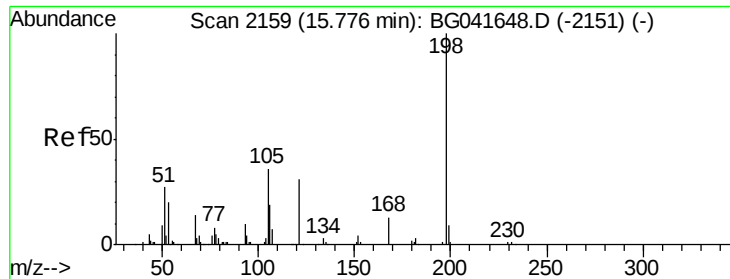
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	31.7	47.5#
89	1.1	50.2	75.4#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2436
 Delta R.T. -0.01 min
 Lab File: BG041721.D
 Acq: 18 Jul 2019 22:17

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.9	10.3
80	9.2	8.0	12.0





#65

4,6-Dinitro-2-methylphenol

Concen: 7.065 ng

RT: 16.14 min Scan# 2222

Delta R.T. 0.36 min

Lab File: BG041721.D

Acq: 18 Jul 2019 22:17

Instrument :

BNA_G

ClientSampled :

TW-4

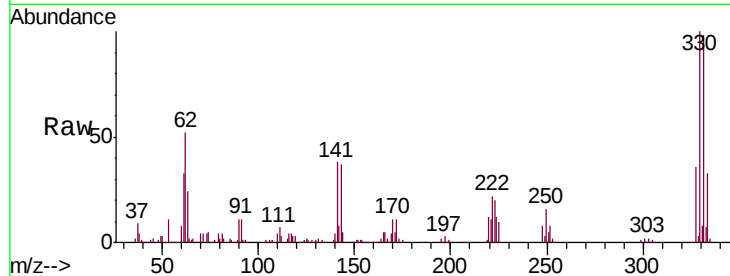
Tgt Ion:198 Resp: 1628

Ion Ratio Lower Upper

198 100

51 120.0 22.3 62.3#

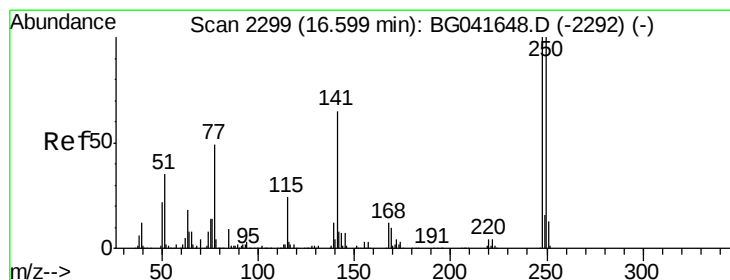
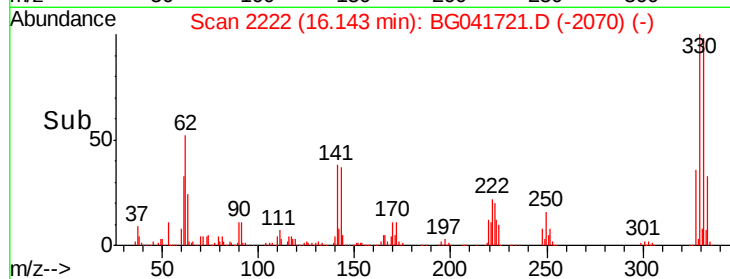
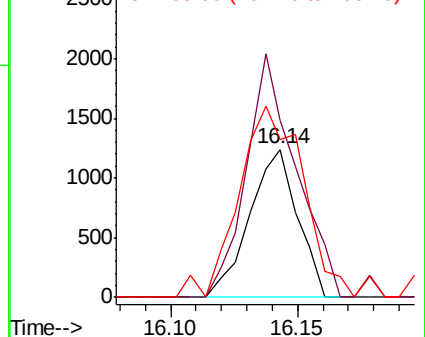
105 106.6 18.0 58.0#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



#67

4-Bromophenyl-phenylether

Concen: 4.655 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.46 min

Lab File: BG041721.D

Acq: 18 Jul 2019 22:17

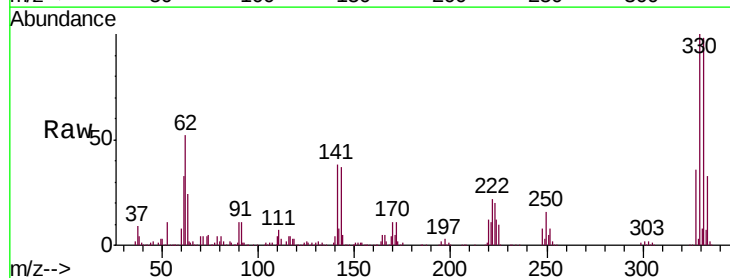
Tgt Ion:248 Resp: 41849

Ion Ratio Lower Upper

248 100

250 192.8 78.1 117.1#

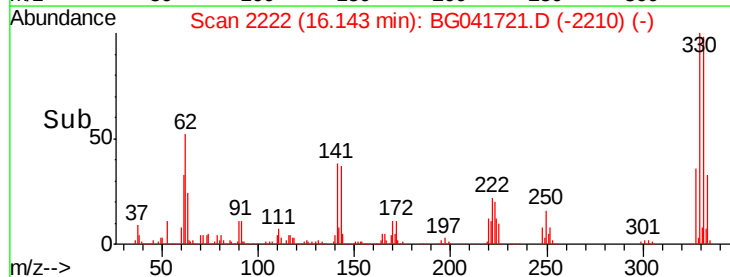
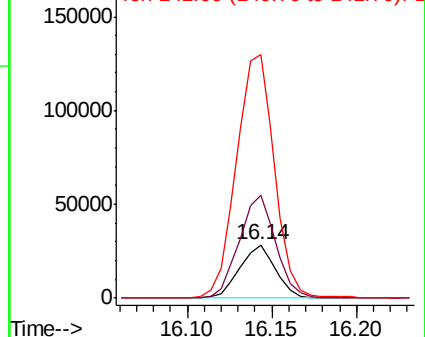
141 458.5 49.6 74.4#

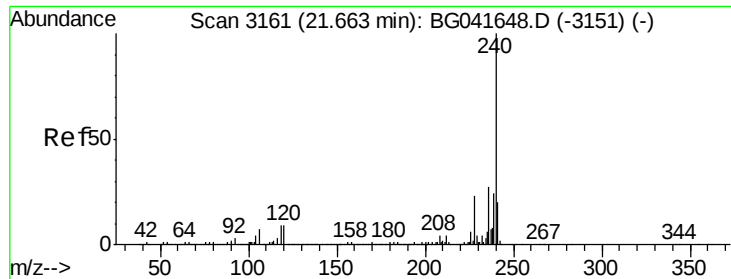


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.64 min Scan# 3158

Delta R.T. -0.02 min

Lab File: BG041721.D

Acq: 18 Jul 2019 22:17

Instrument :

BNA_G

ClientSampleId :

TW-4

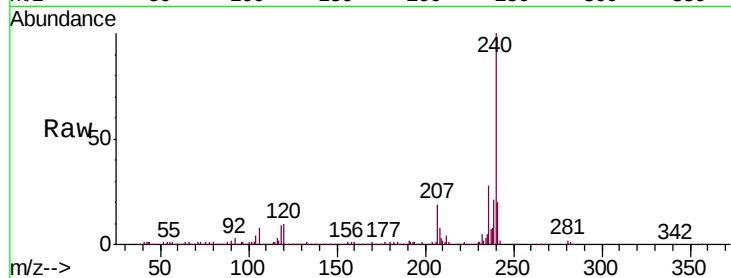
Tgt Ion:240 Resp: 708591

Ion Ratio Lower Upper

240 100

120 9.8 8.0 12.0

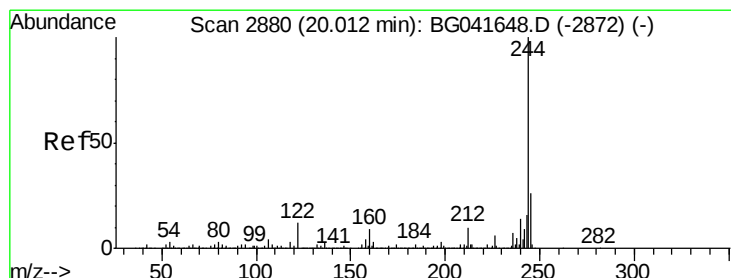
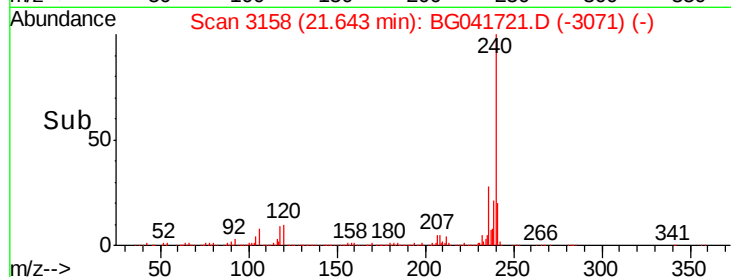
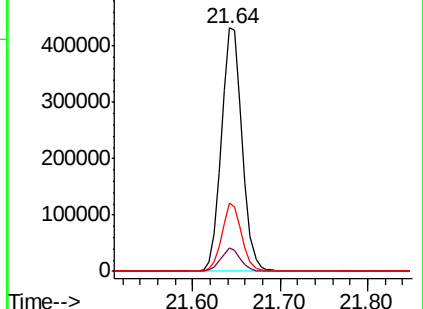
236 28.0 22.6 33.8



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: 84.407 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG041721.D

Acq: 18 Jul 2019 22:17

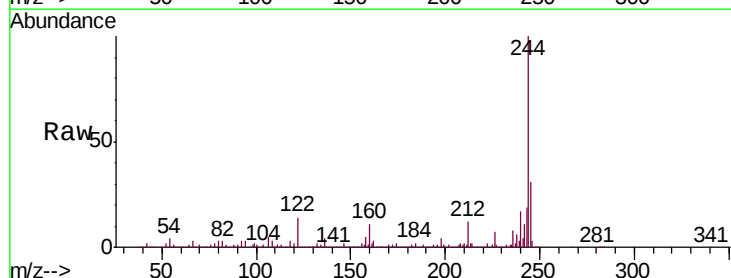
Tgt Ion:244 Resp: 2559387

Ion Ratio Lower Upper

244 100

212 11.8 9.7 14.5

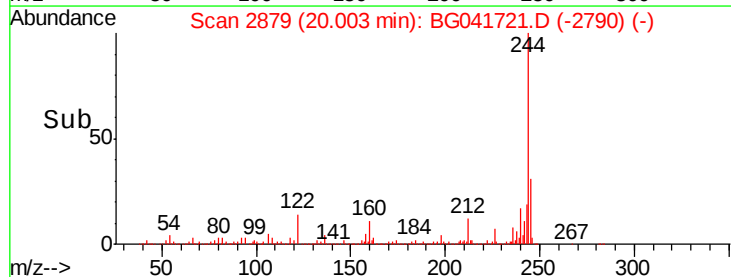
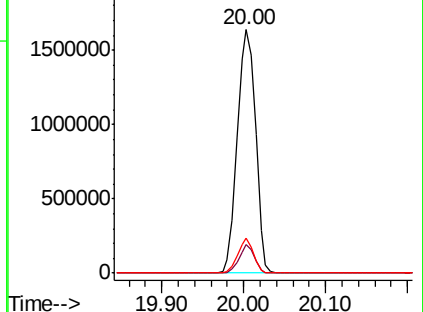
122 14.2 12.5 18.7

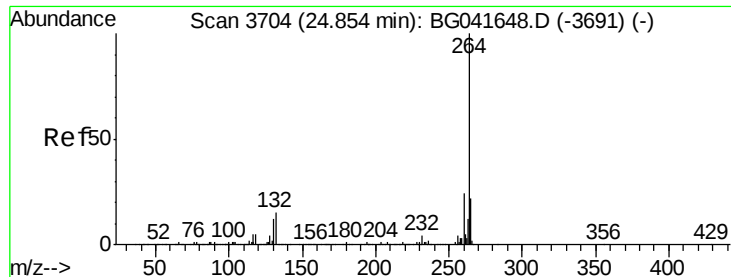


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG041721.D
Acq: 18 Jul 2019 22:17

Instrument :
BNA_G
ClientSampleId :
TW-4

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	22.6	18.0	27.0

