

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062719\
 Data File : BG041503.D
 Acq On : 28 Jun 2019 1:57
 Operator : HP/JU
 Sample : K3552-19
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 M-10MS

Quant Time: Jun 28 05:54:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

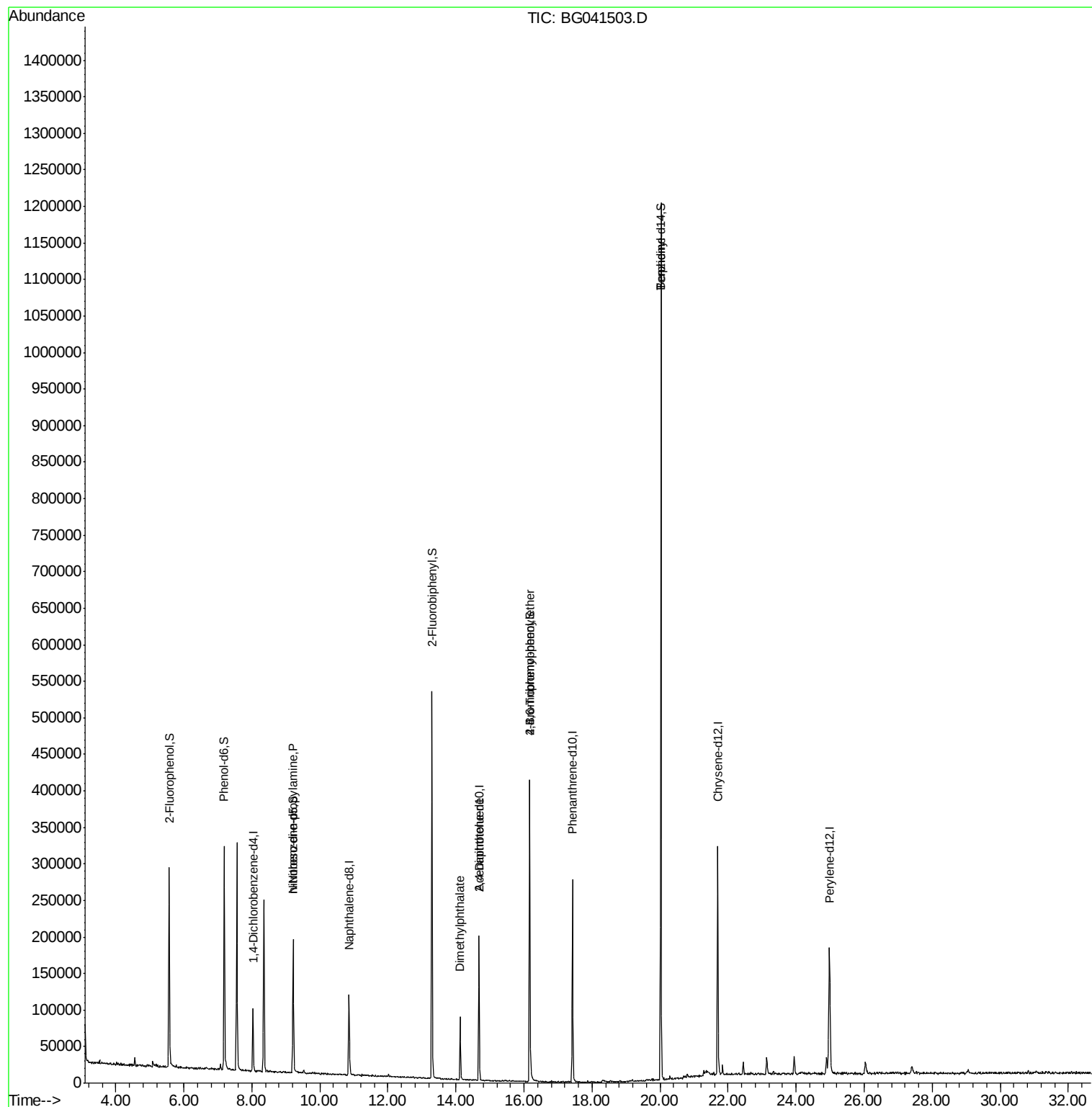
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	25443	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	96271	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	70328	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	188756	20.00	ng	0.00
76) Chrysene-d12	21.69	240	201861	20.00	ng	0.00
87) Perylene-d12	24.98	264	212091	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	113943	79.84	ng	0.00
7) Phenol-d6	7.19	99	165915	82.59	ng	0.00
23) Nitrobenzene-d5	9.21	82	121755	52.75	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	89126	74.22	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	290685	53.04	ng	0.00
79) Terphenyl-d14	20.02	244	600016	63.17	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	16458	10.983	ng	Qvalue # 75
50) Dimethylphthalate	14.12	163	61909	9.673	ng	99
57) 2,4-Dinitrotoluene	14.67	165	9188	4.663	ng	# 20
67) 4-Bromophenyl-phenylether	16.16	248	6472	2.509	ng	# 1
77) Benzidine	20.02	184	10176	2.272	ng	# 92

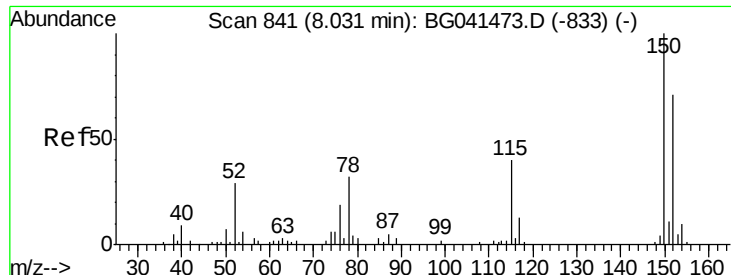
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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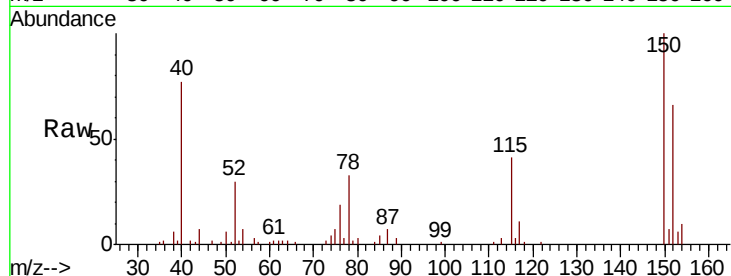


#1

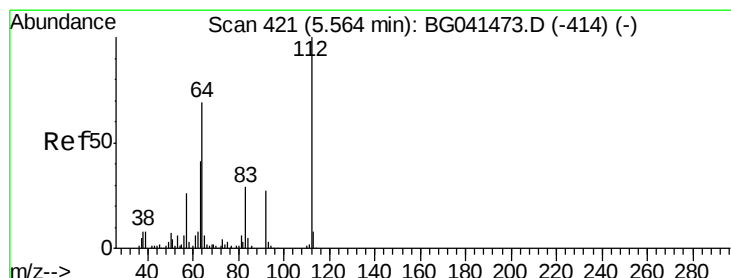
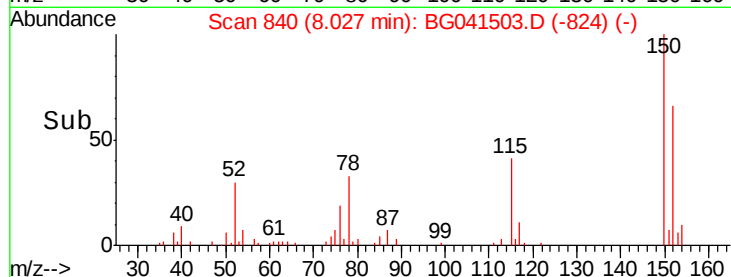
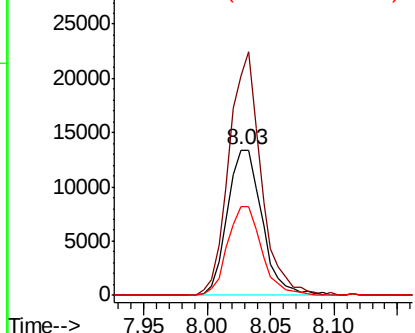
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG041503.D
Acq: 28 Jun 2019 1:57

Instrument :
BNA_G
ClientSampleId :
M-10MS

Tgt Ion:152 Resp: 25443
Ion Ratio Lower Upper
152 100
150 150.8 112.4 168.6
115 61.1 44.6 66.8



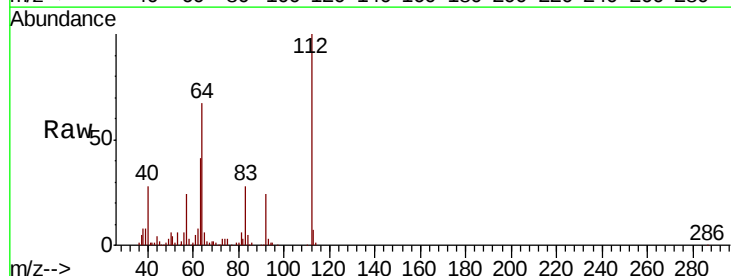
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



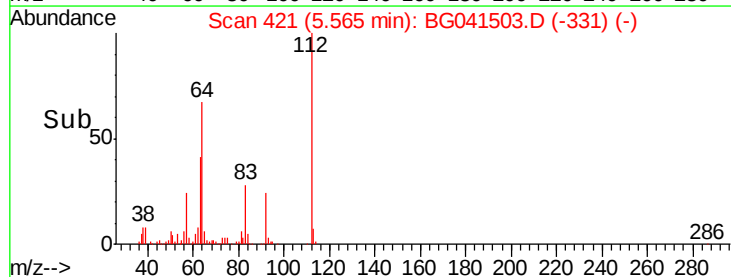
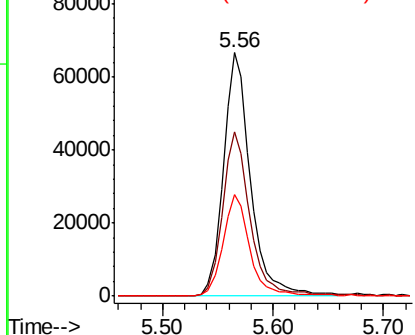
#5

2-Fluorophenol
Concen: 79.843 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG041503.D
Acq: 28 Jun 2019 1:57

Tgt Ion:112 Resp: 113943
Ion Ratio Lower Upper
112 100
64 67.5 55.1 82.7
63 41.5 32.4 48.6



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: 82.587 ng

RT: 7.19 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG041503.D

Acq: 28 Jun 2019 1:57

Instrument :

BNA_G

ClientSampleId :

M-10MS

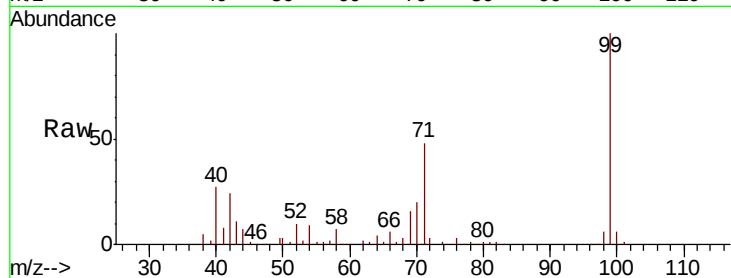
Tgt Ion: 99 Resp: 165915

Ion Ratio Lower Upper

99 100

42 23.9 19.0 28.6

71 47.7 37.4 56.2

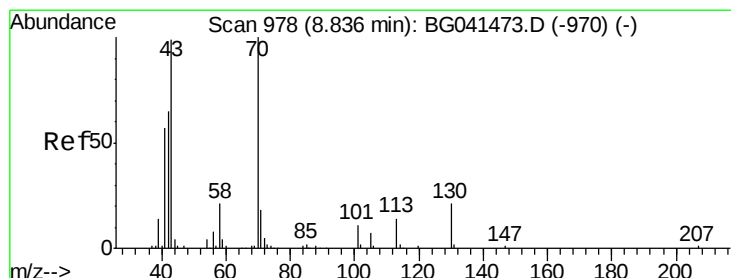
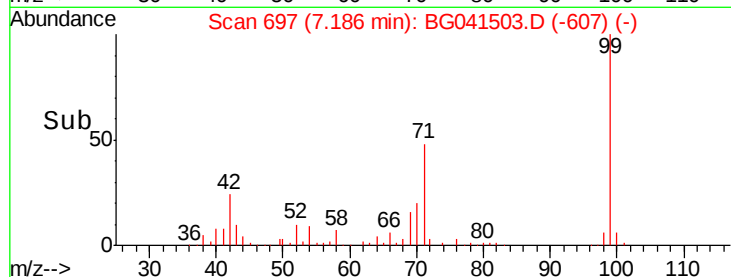
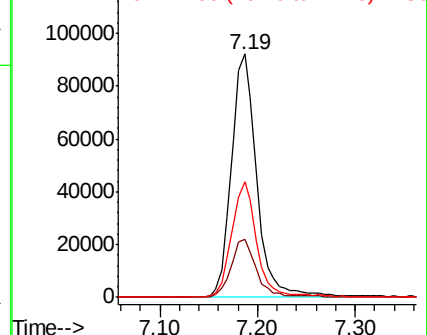


Abundance

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: 10.983 ng

RT: 9.21 min Scan# 1042

Delta R.T. 0.38 min

Lab File: BG041503.D

Acq: 28 Jun 2019 1:57

Tgt Ion: 70 Resp: 16458

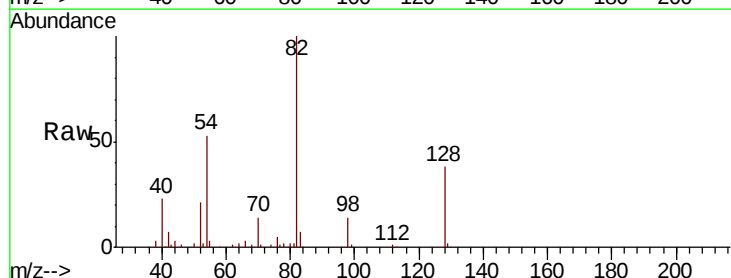
Ion Ratio Lower Upper

70 100

42 49.5 52.6 78.8#

101 0.0 8.6 13.0#

130 2.4 16.6 25.0#



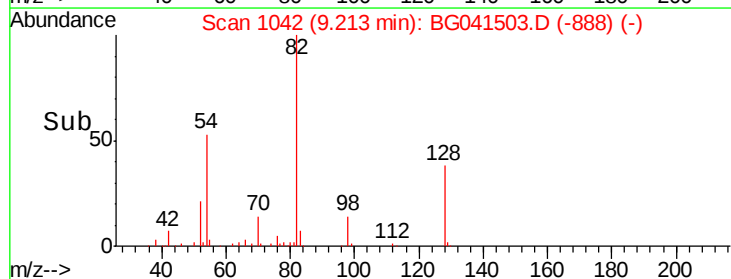
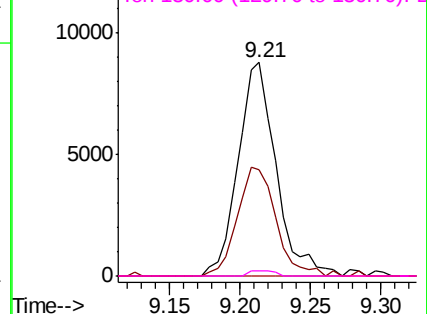
Abundance

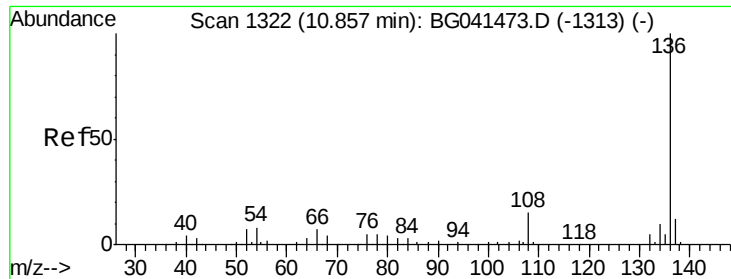
Ion 70.00 (69.70 to 70.70): BGC

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

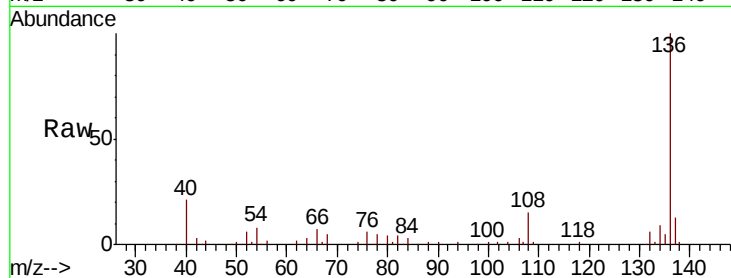




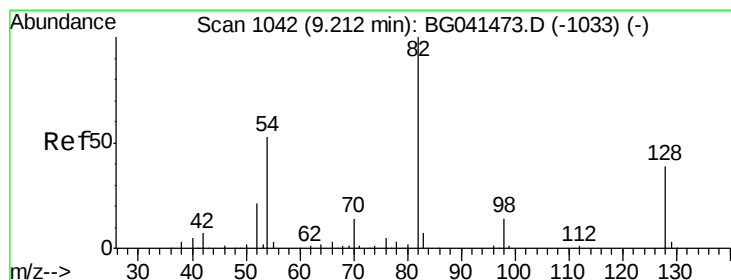
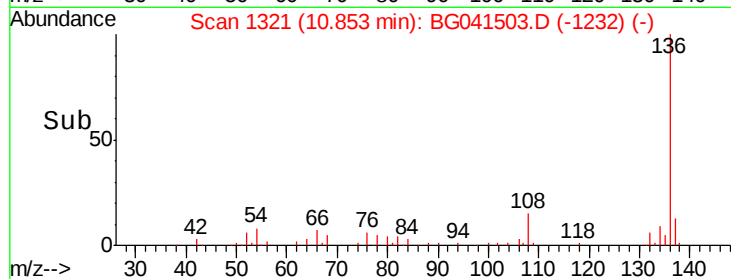
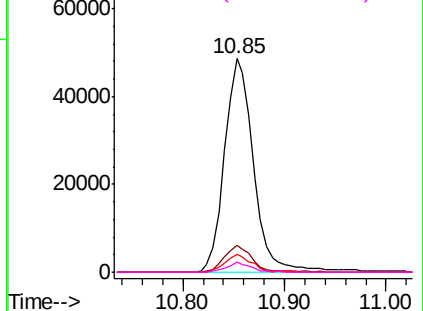
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG041503.D
Acq: 28 Jun 2019 1:57

Instrument :
BNA_G
ClientSampleId :
M-10MS

Tgt Ion:	136	Resp:	96271
Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.3	13.9
54	8.4	7.1	10.7
68	4.6	3.3	4.9

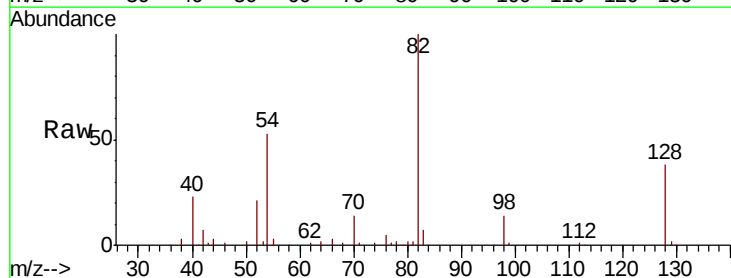


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

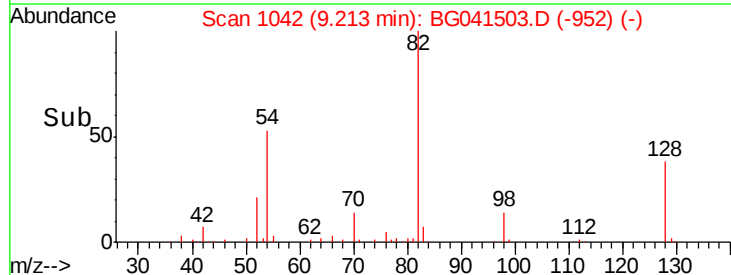
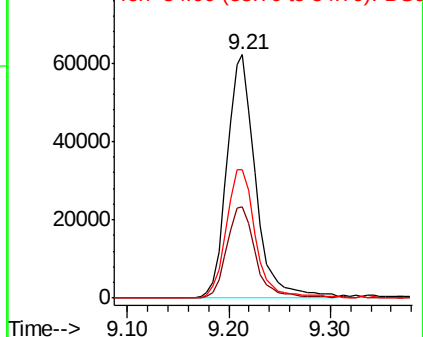


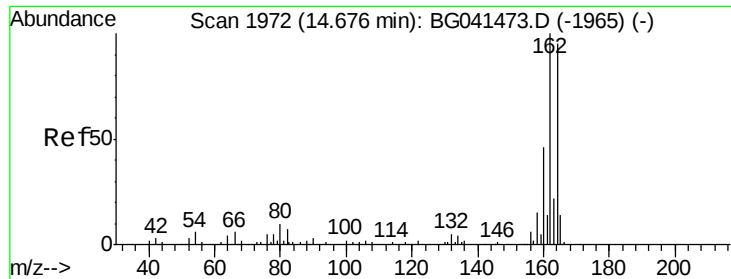
#23
Nitrobenzene-d5
Concen: 52.747 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BG041503.D
Acq: 28 Jun 2019 1:57

Tgt Ion:	82	Resp:	121755
Ion	Ratio	Lower	Upper
82	100		
128	37.5	30.9	46.3
54	52.6	42.2	63.2



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

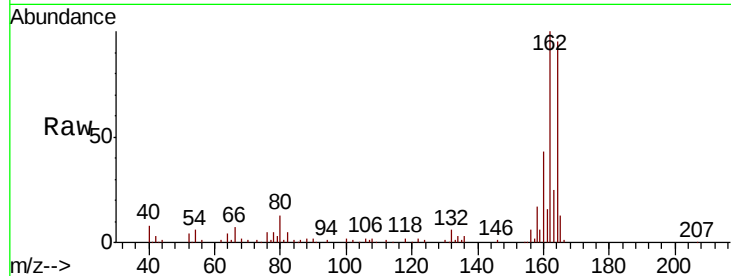




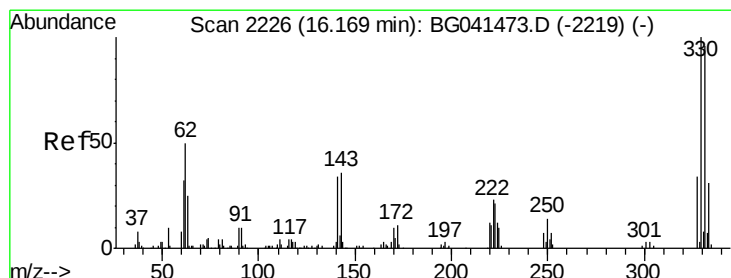
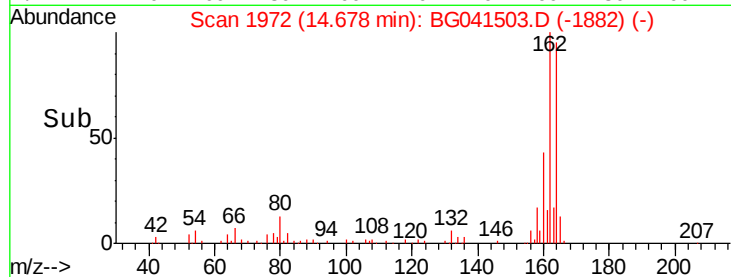
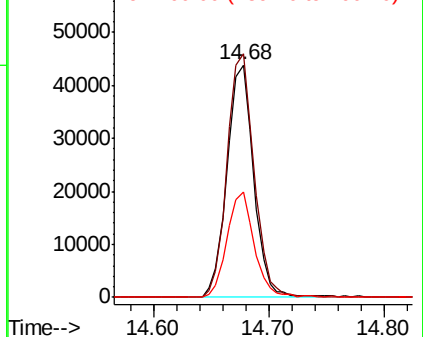
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BG041503.D
Acq: 28 Jun 2019 1:57

Instrument :
BNA_G
ClientSampleId :
M-10MS

Tgt Ion:164 Resp: 70328
Ion Ratio Lower Upper
164 100
162 104.8 84.4 126.6
160 45.1 38.8 58.2

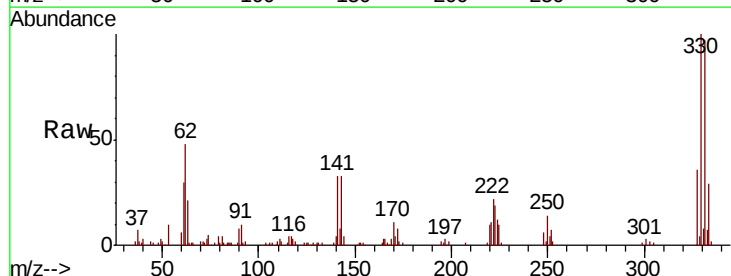


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

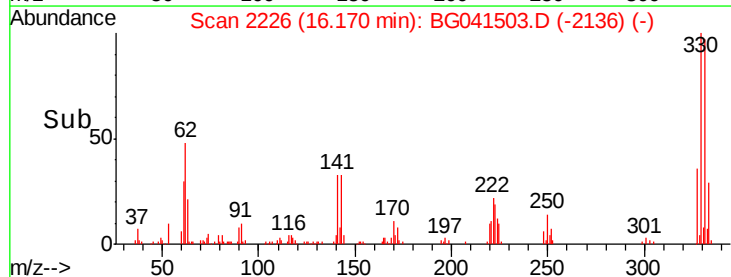
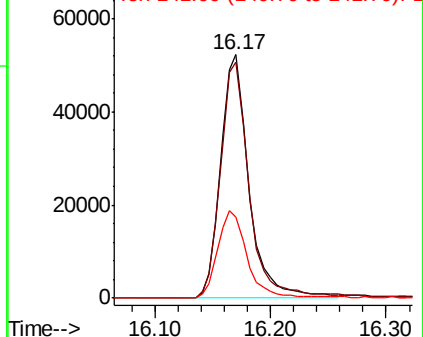


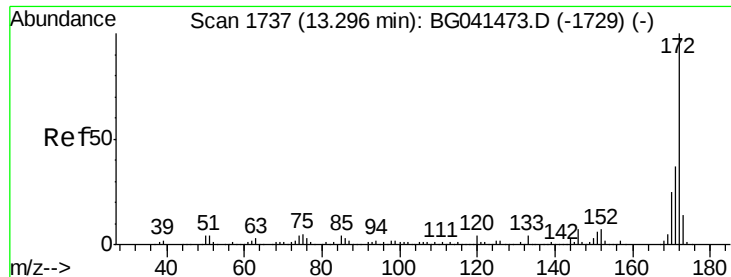
#42
2,4,6-Tribromophenol
Concen: 74.222 ng
RT: 16.17 min Scan# 2226
Delta R.T. 0.00 min
Lab File: BG041503.D
Acq: 28 Jun 2019 1:57

Tgt Ion:330 Resp: 89126
Ion Ratio Lower Upper
330 100
332 98.5 75.5 113.3
141 37.6 27.8 41.6



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

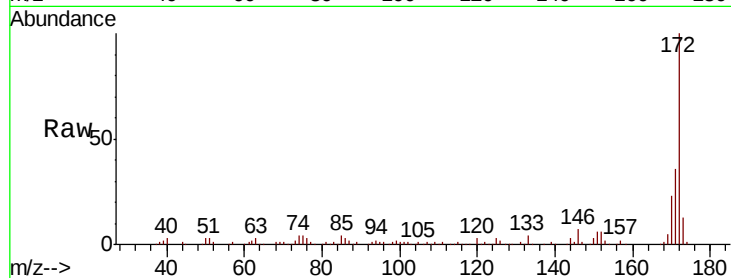




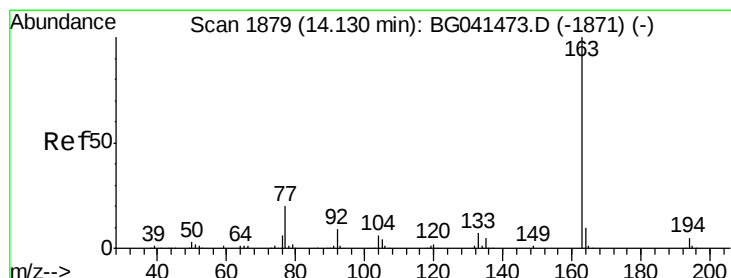
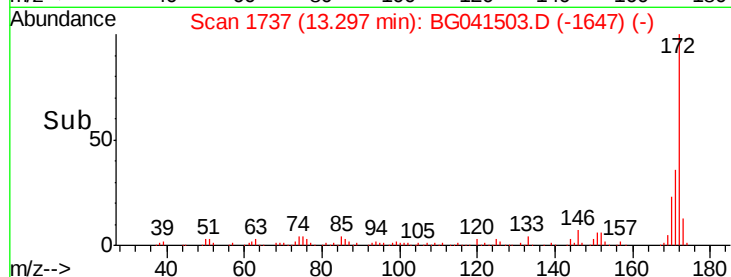
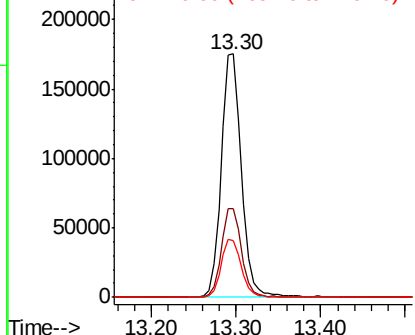
#45
 2-Fluorobiphenyl
 Concen: 53.041 ng
 RT: 13.30 min Scan# 1737
 Delta R.T. 0.00 min
 Lab File: BG041503.D
 Acq: 28 Jun 2019 1:57

Instrument :
 BNA_G
 ClientSampleId :
 M-10MS

Tgt Ion:172 Resp: 290685
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 23.5 20.0 30.0

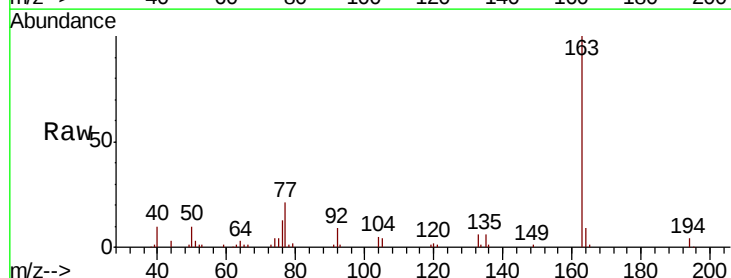


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

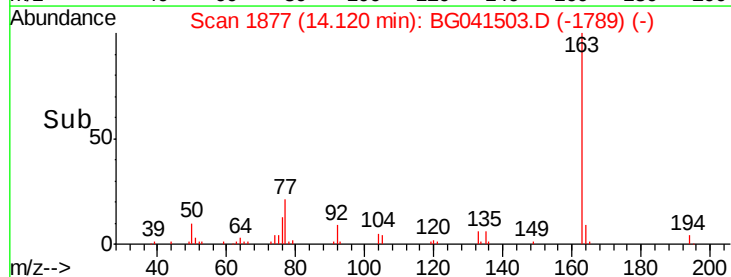
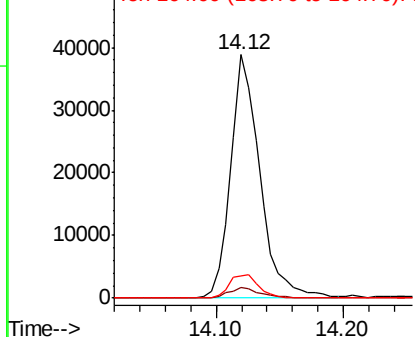


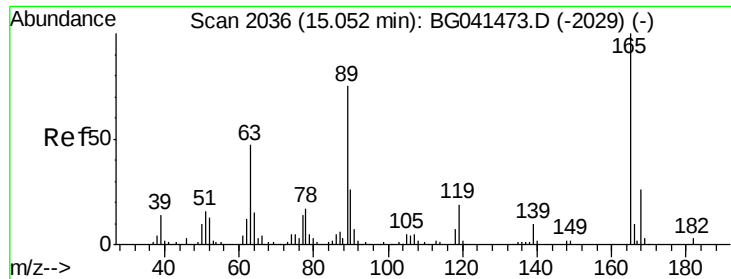
#50
 Dimethylphthalate
 Concen: 9.673 ng
 RT: 14.12 min Scan# 1877
 Delta R.T. -0.01 min
 Lab File: BG041503.D
 Acq: 28 Jun 2019 1:57

Tgt Ion:163 Resp: 61909
 Ion Ratio Lower Upper
 163 100
 194 4.4 3.7 5.5
 164 9.3 7.8 11.6



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

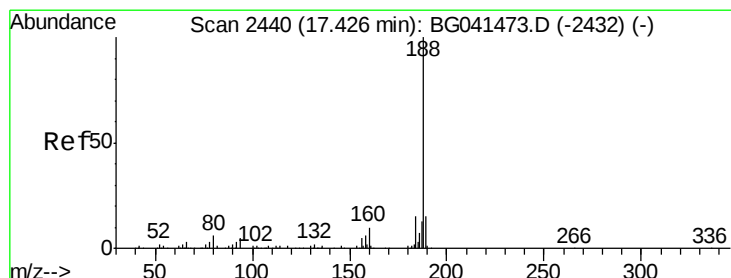
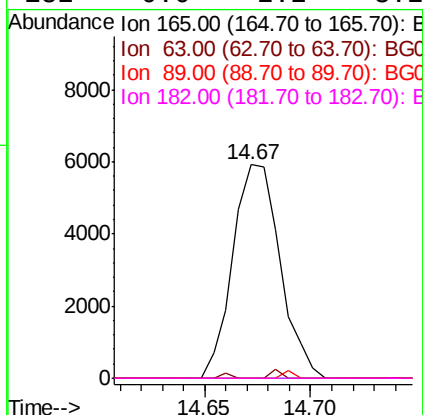
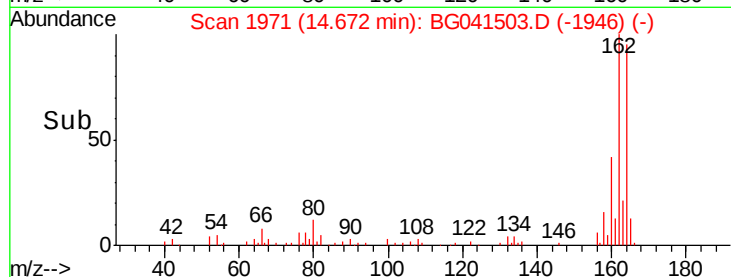
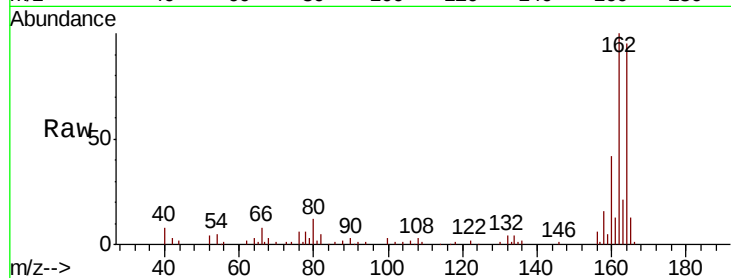




#57
 2,4-Dinitrotoluene
 Concen: 4.663 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.38 min
 Lab File: BG041503.D
 Acq: 28 Jun 2019 1:57

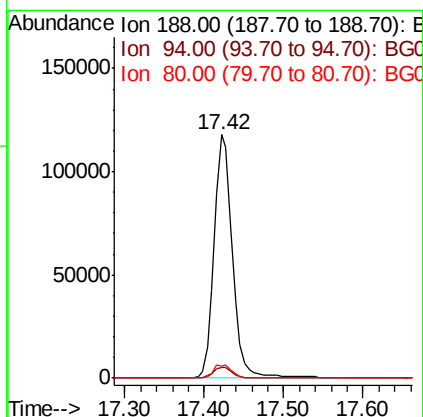
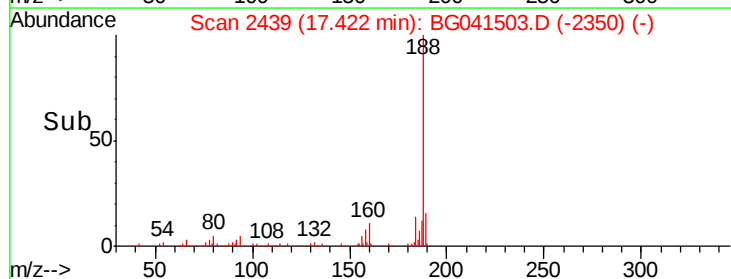
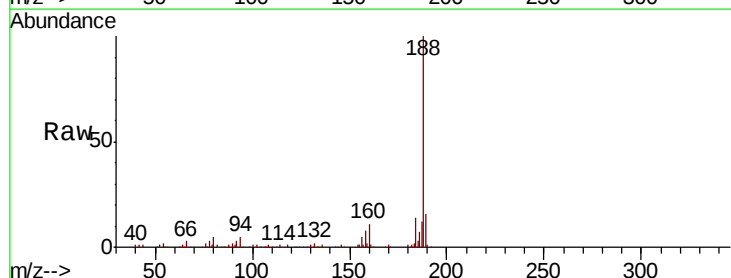
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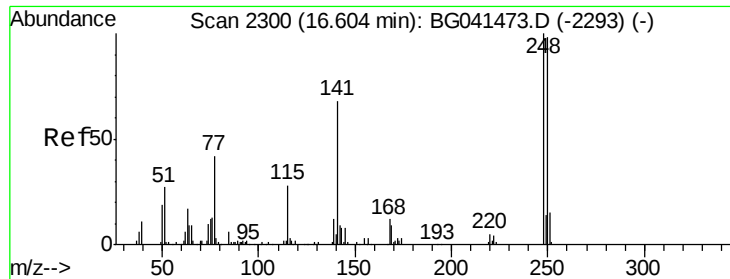
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.8	58.2#
89	0.0	60.1	90.1#
182	0.0	2.2	3.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.00 min
 Lab File: BG041503.D
 Acq: 28 Jun 2019 1:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.6	3.8	5.8
80	4.9	4.8	7.2

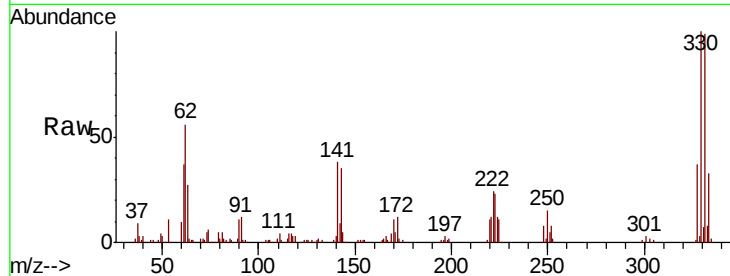




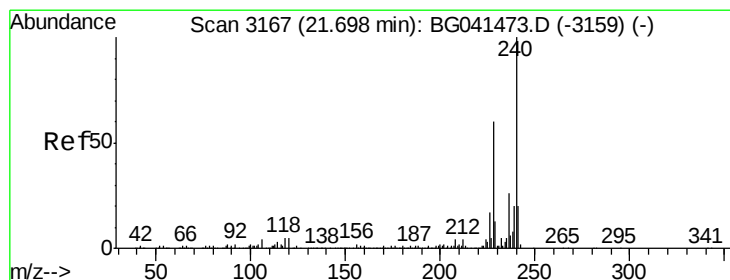
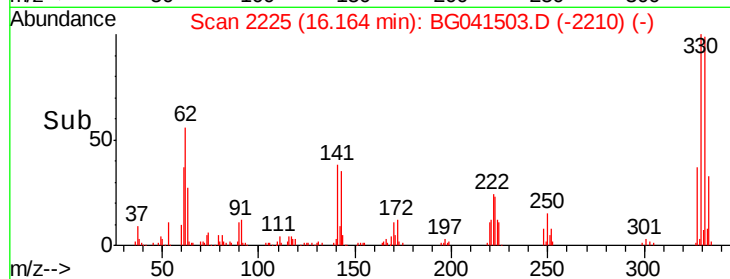
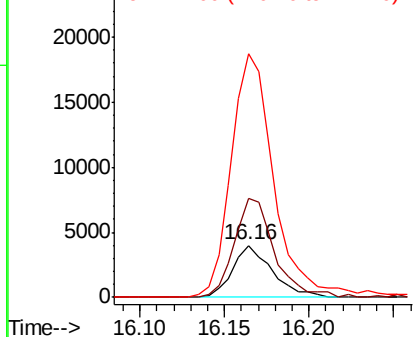
#67
4-Bromophenyl-phenylether
Concen: 2.509 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.44 min
Lab File: BG041503.D
Acq: 28 Jun 2019 1:57

Instrument :
BNA_G
ClientSampleId :
M-10MS

Tgt Ion:248 Resp: 6472
Ion Ratio Lower Upper
248 100
250 190.3 78.1 117.1#
141 469.9 54.1 81.1#

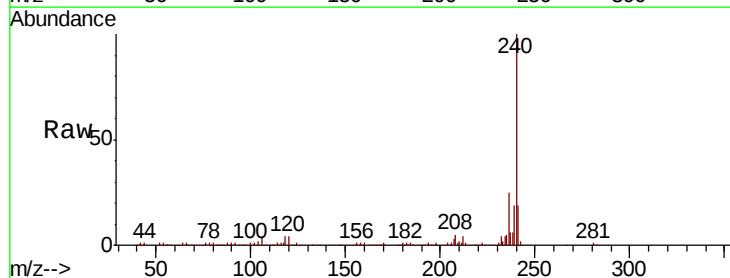


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

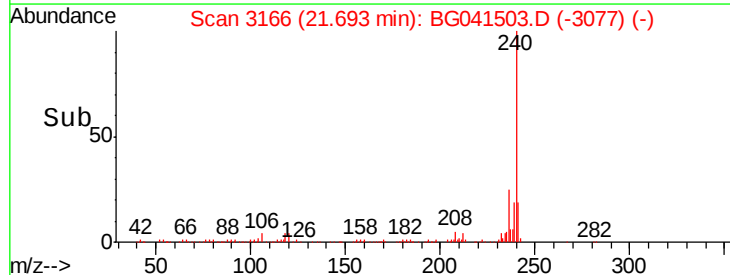
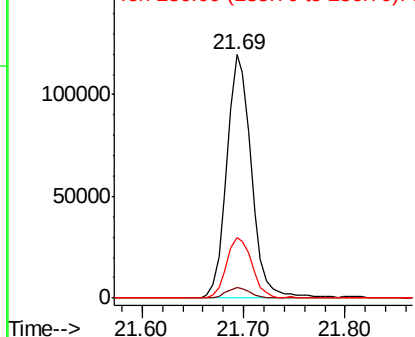


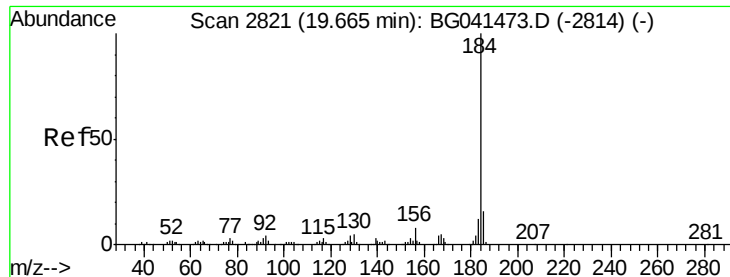
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.00 min
Lab File: BG041503.D
Acq: 28 Jun 2019 1:57

Tgt Ion:240 Resp: 201861
Ion Ratio Lower Upper
240 100
120 4.2 3.7 5.5
236 24.8 20.8 31.2



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





#77

Benzidine

Concen: 2.272 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.36 min

Lab File: BG041503.D

Acq: 28 Jun 2019 1:57

Instrument :

BNA_G

ClientSampleId :

M-10MS

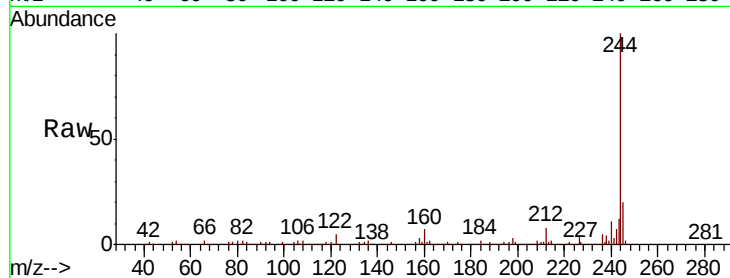
Tgt Ion:184 Resp: 10176

Ion Ratio Lower Upper

184 100

185 17.6 12.7 19.1

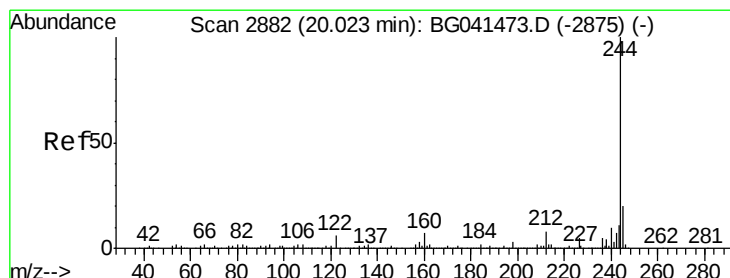
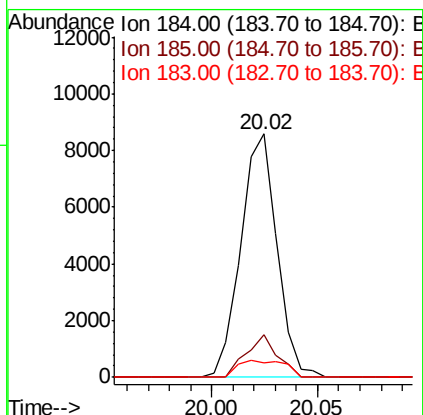
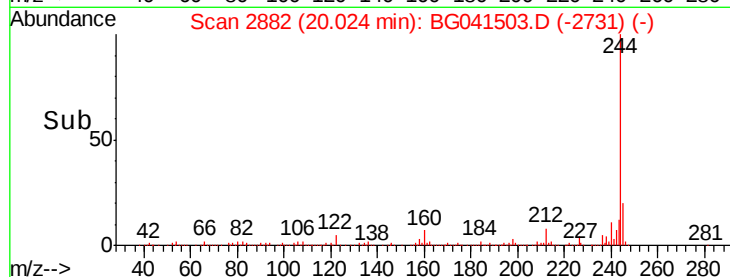
183 6.2 9.4 14.2#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 63.166 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.00 min

Lab File: BG041503.D

Acq: 28 Jun 2019 1:57

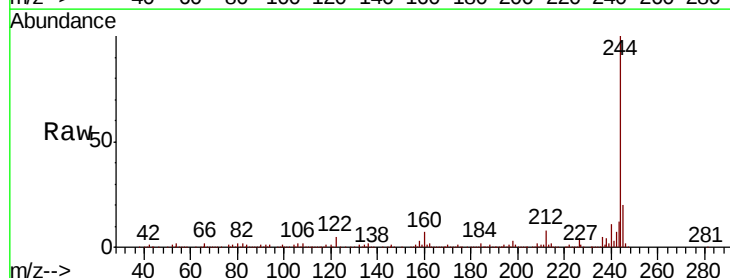
Tgt Ion:244 Resp: 600016

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.4

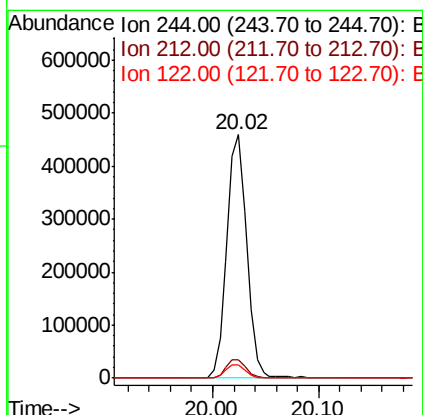
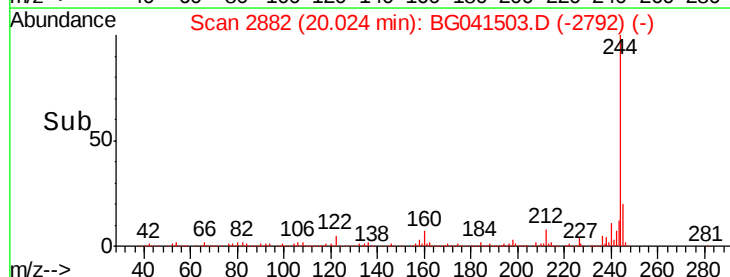
122 5.3 4.8 7.2

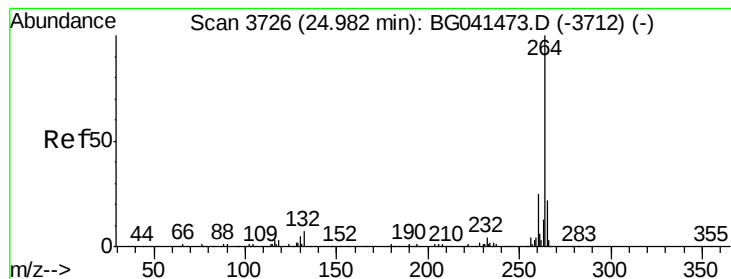


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.98 min Scan# 3725

Delta R.T. -0.00 min

Lab File: BG041503.D

Acq: 28 Jun 2019 1:57

Instrument :

BNA_G

ClientSampleId :

M-10MS

Tgt Ion: 264 Resp: 212091

Ion Ratio Lower Upper

264 100

260 23.1 19.7 29.5

265 22.2 17.4 26.2

