

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062719\
 Data File : BG041498.D
 Acq On : 27 Jun 2019 21:29
 Operator : HP/JU
 Sample : K3552-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 M-5

Quant Time: Jun 28 05:53:26 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

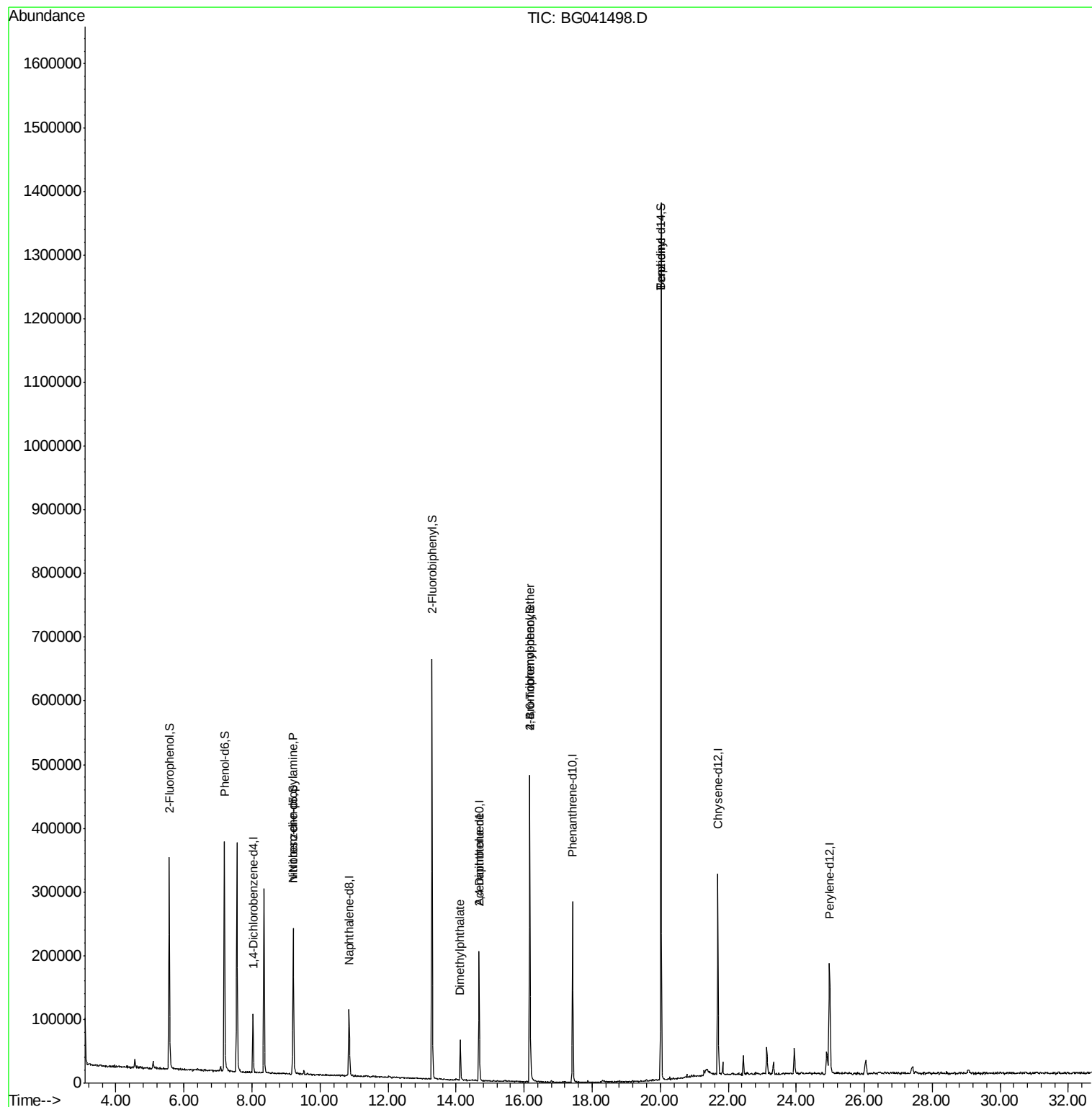
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	25868	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	93879	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	70952	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	188530	20.00	ng	0.00
76) Chrysene-d12	21.70	240	201391	20.00	ng	0.00
87) Perylene-d12	24.98	264	211166	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	138662	95.57	ng	0.00
7) Phenol-d6	7.19	99	202157	98.97	ng	0.00
23) Nitrobenzene-d5	9.21	82	145021	64.43	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	104474	86.24	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	336352	60.83	ng	0.00
79) Terphenyl-d14	20.02	244	667058	70.39	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	20091	13.187	ng	Qvalue
50) Dimethylphthalate	14.12	163	49240	7.626	ng	# 74
57) 2,4-Dinitrotoluene	14.67	165	9566	4.812	ng	# 20
67) 4-Bromophenyl-phenylether	16.17	248	7552	2.931	ng	# 1
77) Benzidine	20.02	184	10820	2.421	ng	# 94

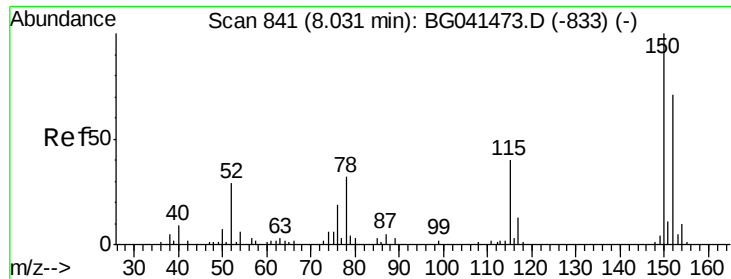
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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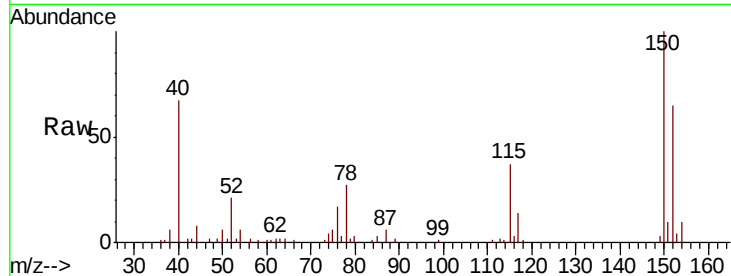


#1

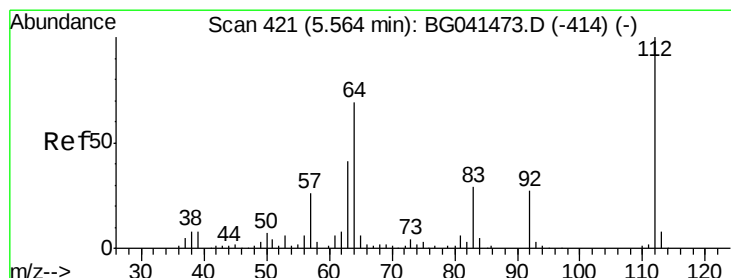
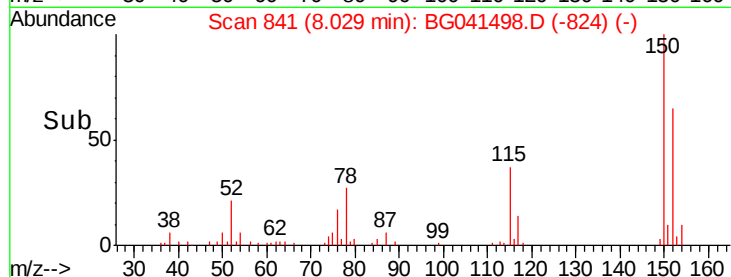
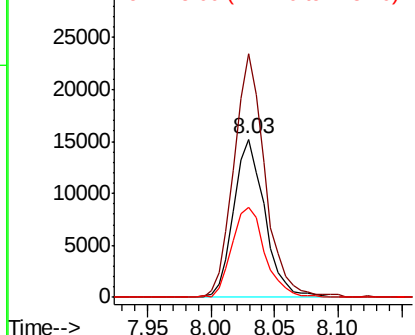
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041498.D
Acq: 27 Jun 2019 21:29

Instrument :
BNA_G
ClientSampleId :
M-5

Tgt Ion:152 Resp: 25868
Ion Ratio Lower Upper
152 100
150 154.2 112.4 168.6
115 57.2 44.6 66.8



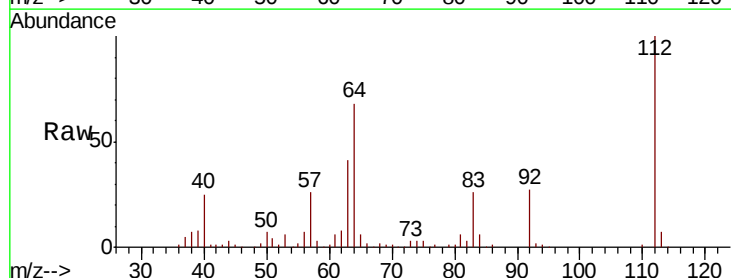
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



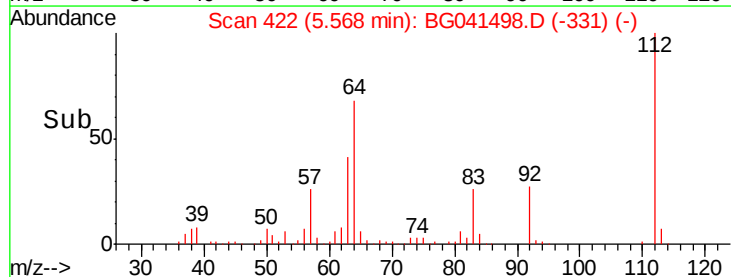
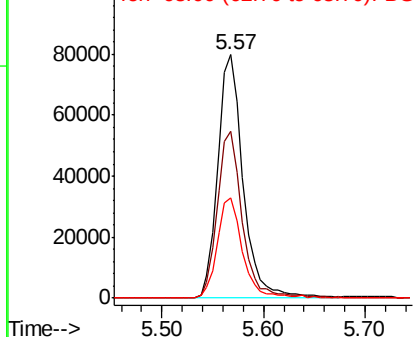
#5

2-Fluorophenol
Concen: 95.567 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG041498.D
Acq: 27 Jun 2019 21:29

Tgt Ion:112 Resp: 138662
Ion Ratio Lower Upper
112 100
64 68.3 55.1 82.7
63 41.4 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: 98.974 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041498.D

Acq: 27 Jun 2019 21:29

Instrument :

BNA_G

ClientSampled :

M-5

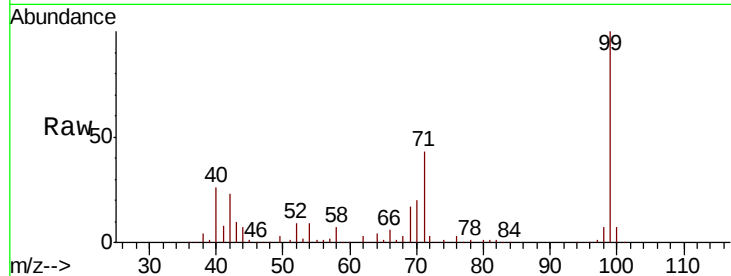
Tgt Ion: 99 Resp: 202157

Ion Ratio Lower Upper

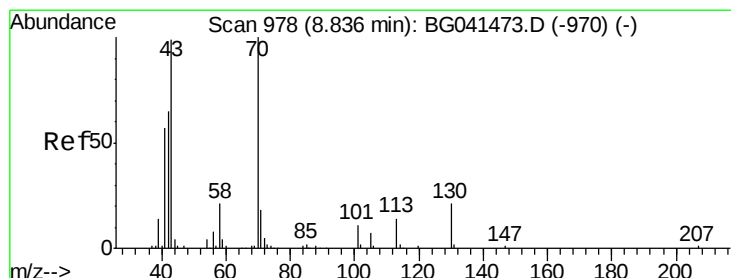
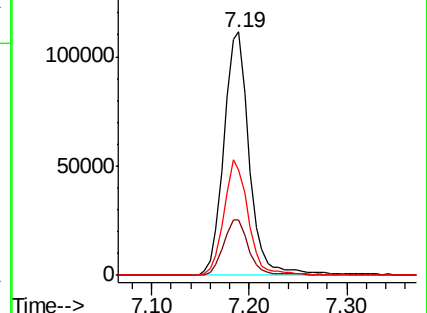
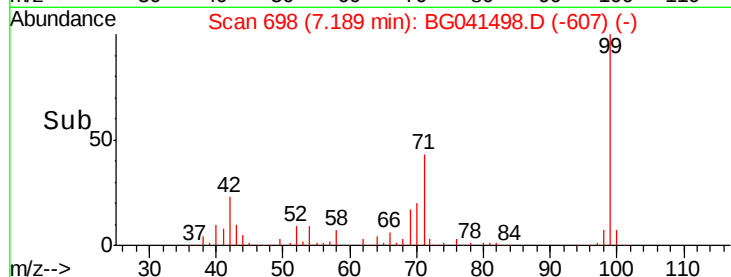
99 100

42 22.5 19.0 28.6

71 43.5 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: 13.187 ng

RT: 9.21 min Scan# 1042

Delta R.T. 0.37 min

Lab File: BG041498.D

Acq: 27 Jun 2019 21:29

Tgt Ion: 70 Resp: 20091

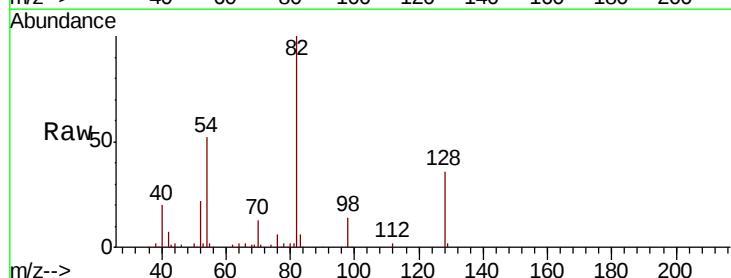
Ion Ratio Lower Upper

70 100

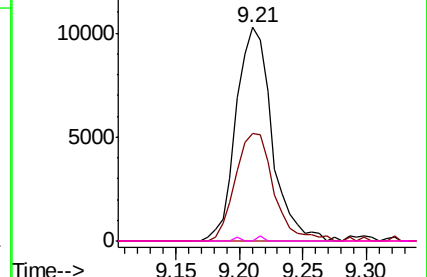
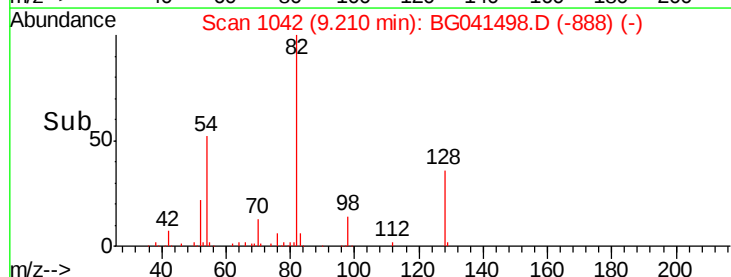
42 50.6 52.6 78.8#

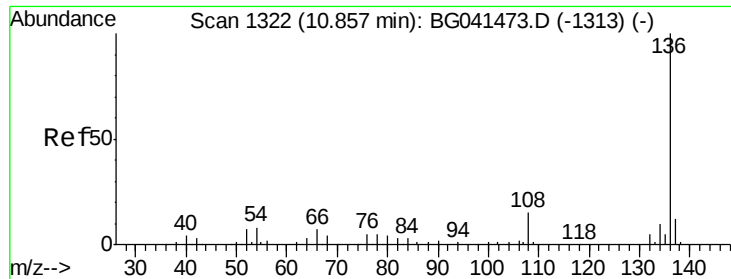
101 0.0 8.6 13.0#

130 0.0 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

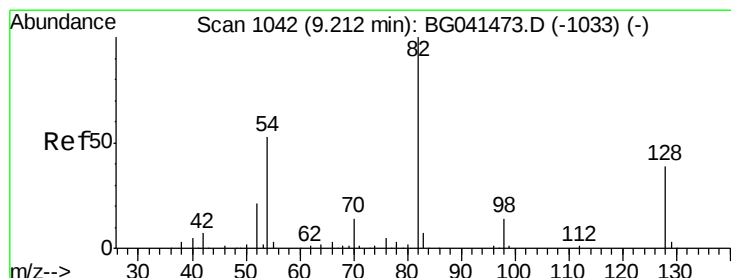
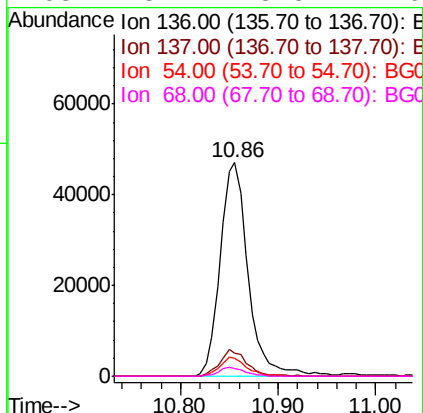
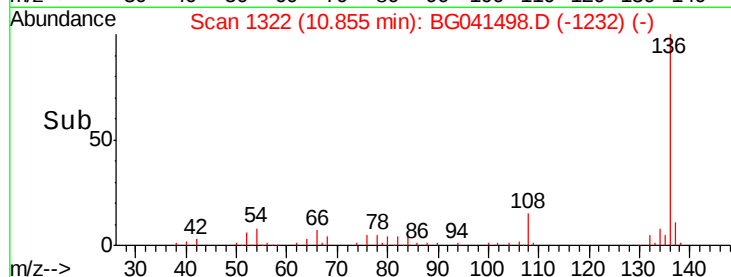
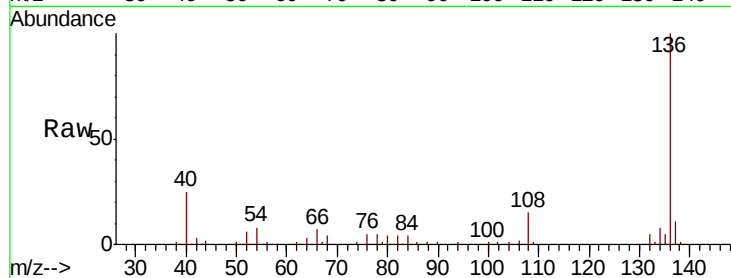




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG041498.D
Acq: 27 Jun 2019 21:29

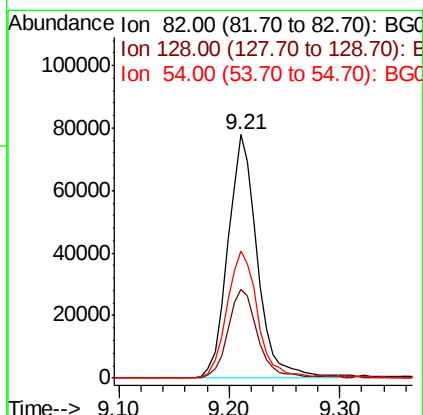
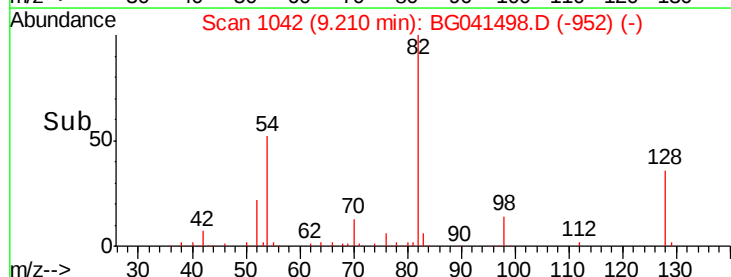
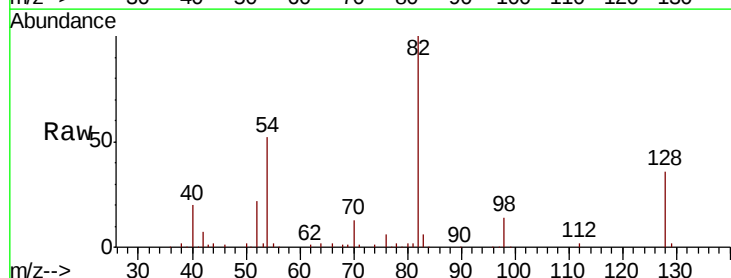
Instrument :
BNA_G
ClientSampleId :
M-5

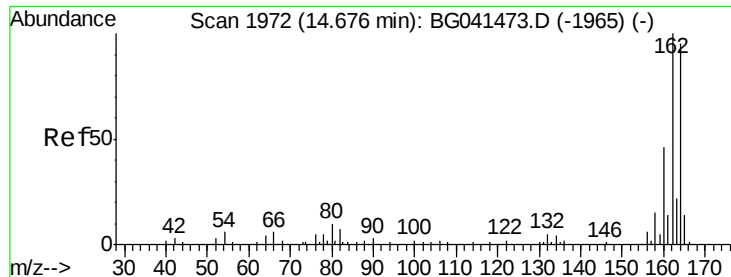
Tgt Ion:	136	Resp:	93879
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.3	13.9
54	8.3	7.1	10.7
68	3.7	3.3	4.9



#23
Nitrobenzene-d5
Concen: 64.428 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG041498.D
Acq: 27 Jun 2019 21:29

Tgt Ion:	82	Resp:	145021
Ion	Ratio	Lower	Upper
82	100		
128	36.3	30.9	46.3
54	52.3	42.2	63.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG041498.D

Acq: 27 Jun 2019 21:29

Instrument :

BNA_G

ClientSampleId :

M-5

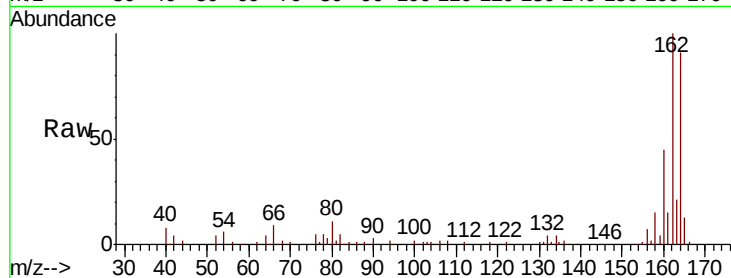
Tgt Ion:164 Resp: 70952

Ion Ratio Lower Upper

164 100

162 109.4 84.4 126.6

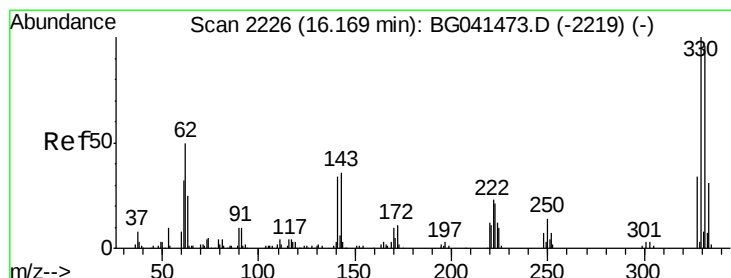
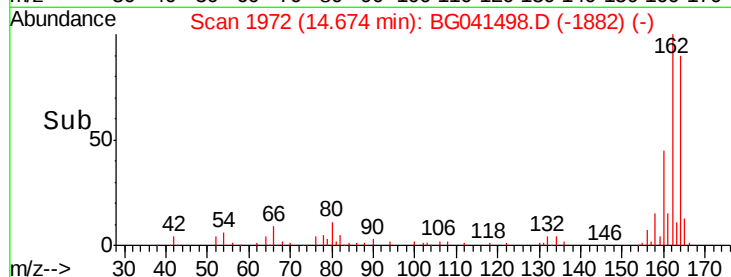
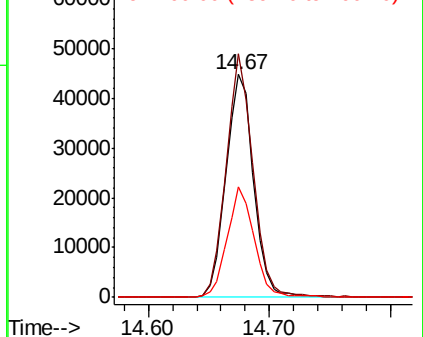
160 49.6 38.8 58.2



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: 86.238 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG041498.D

Acq: 27 Jun 2019 21:29

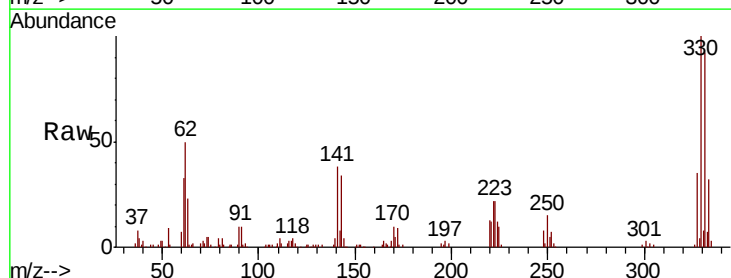
Tgt Ion:330 Resp: 104474

Ion Ratio Lower Upper

330 100

332 94.8 75.5 113.3

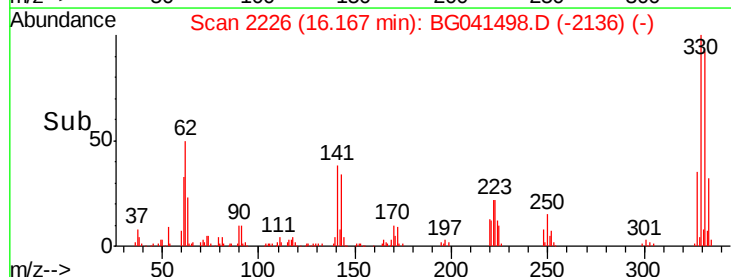
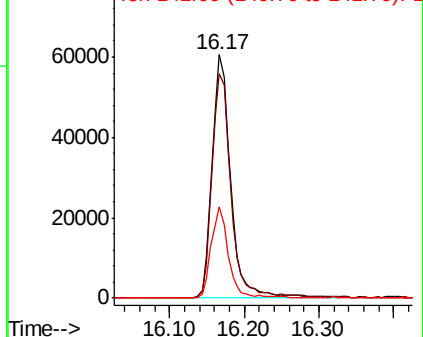
141 35.2 27.8 41.6

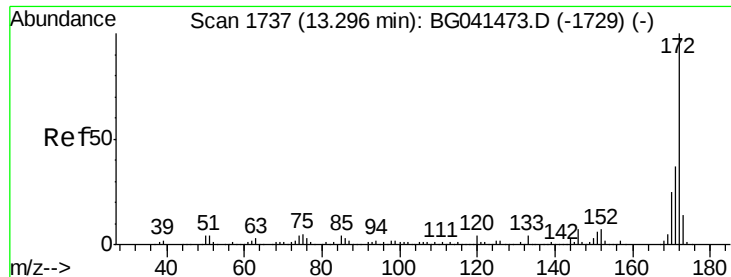


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

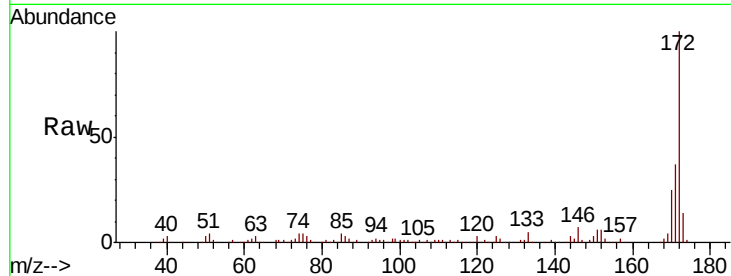




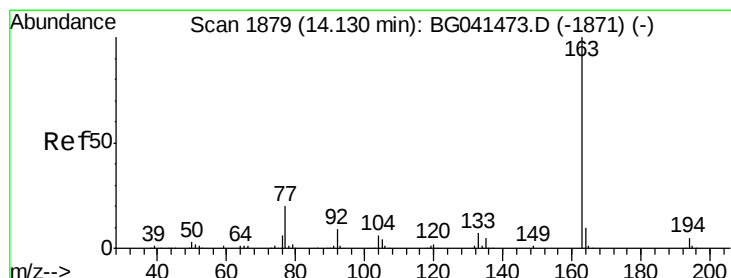
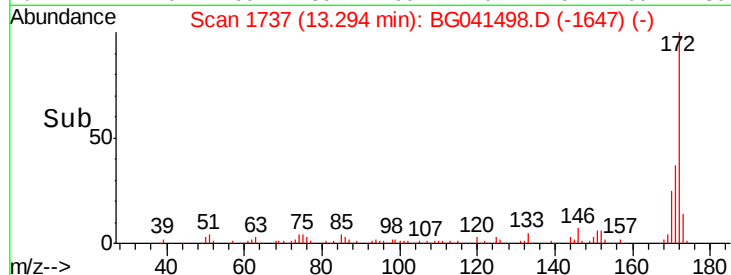
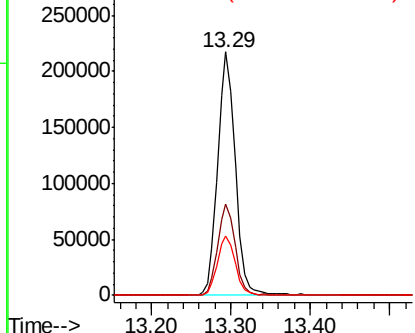
#45
 2-Fluorobiphenyl
 Concen: 60.834 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG041498.D
 Acq: 27 Jun 2019 21:29

Instrument :
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 M-5

Tgt Ion:172 Resp: 336352
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.6 44.4
 170 24.5 20.0 30.0

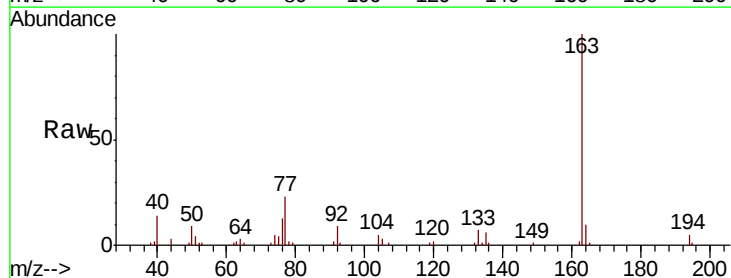


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

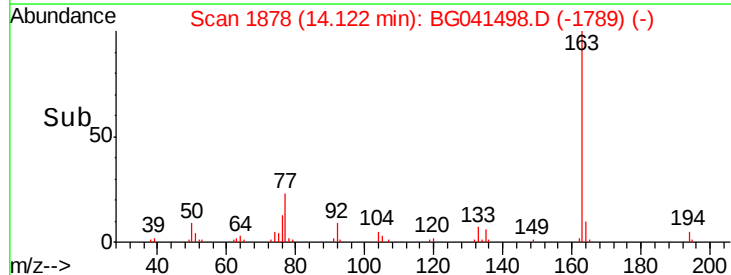
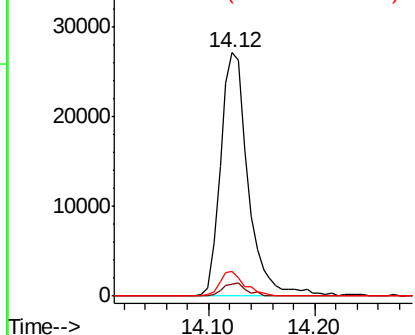


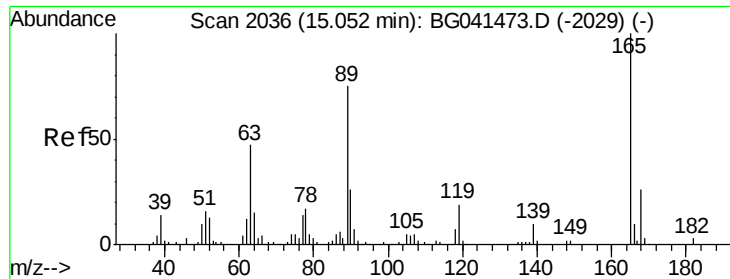
#50
 Dimethylphthalate
 Concen: 7.626 ng
 RT: 14.12 min Scan# 1878
 Delta R.T. -0.01 min
 Lab File: BG041498.D
 Acq: 27 Jun 2019 21:29

Tgt Ion:163 Resp: 49240
 Ion Ratio Lower Upper
 163 100
 194 5.0 3.7 5.5
 164 10.4 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

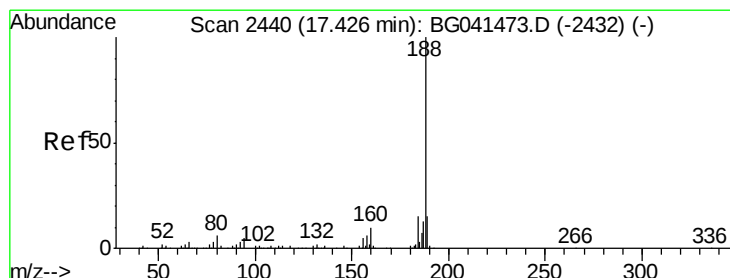
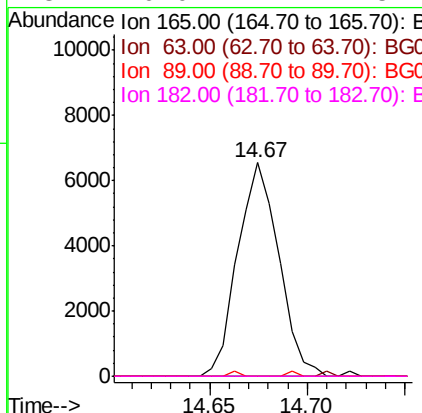
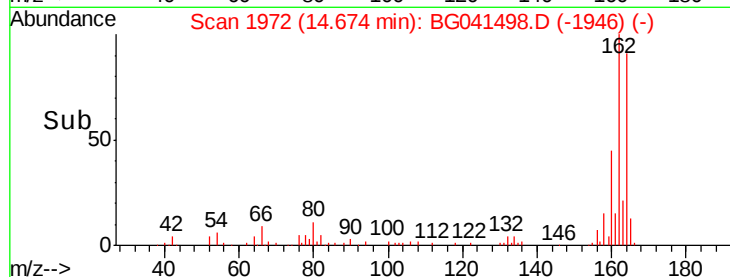
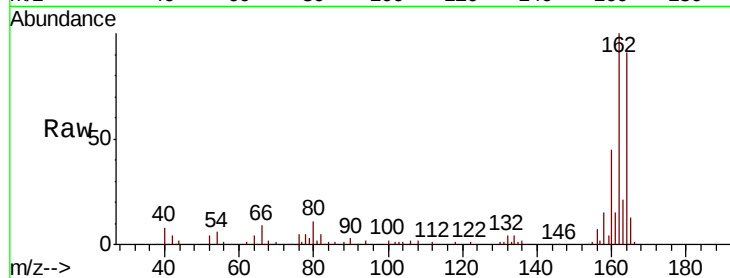




#57
 2,4-Dinitrotoluene
 Concen: 4.812 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.38 min
 Lab File: BG041498.D
 Acq: 27 Jun 2019 21:29

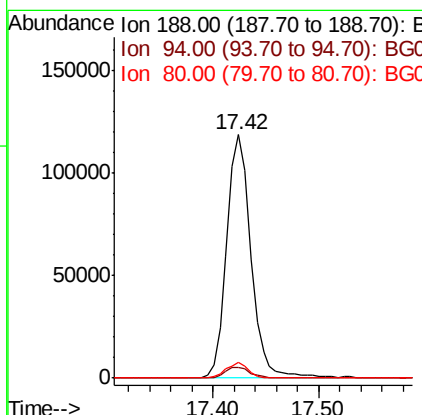
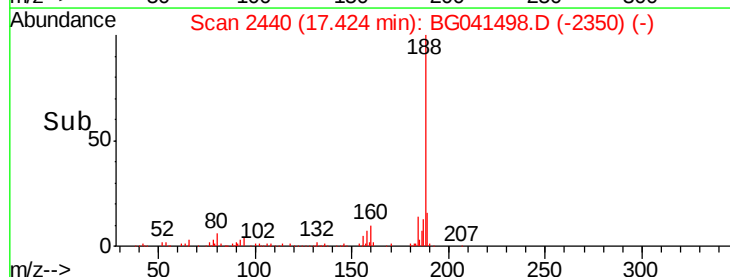
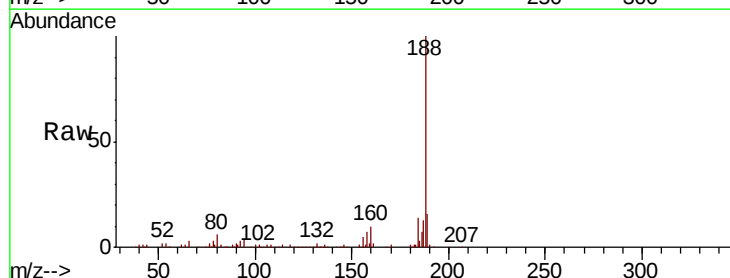
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 M-5

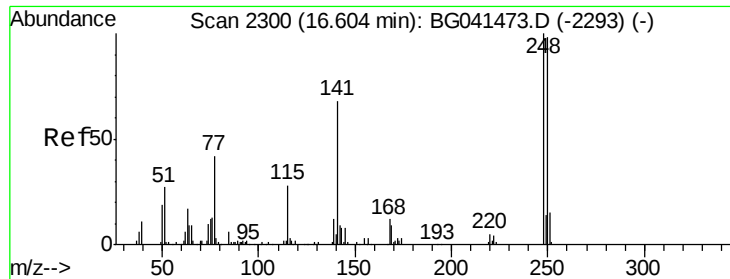
Tgt Ion:	165	Resp:	9566
Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.8	58.2#
89	0.0	60.1	90.1#
182	0.0	2.2	3.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2440
 Delta R.T. -0.00 min
 Lab File: BG041498.D
 Acq: 27 Jun 2019 21:29

Tgt Ion:	188	Resp:	188530
Ion	Ratio	Lower	Upper
188	100		
94	4.3	3.8	5.8
80	6.3	4.8	7.2

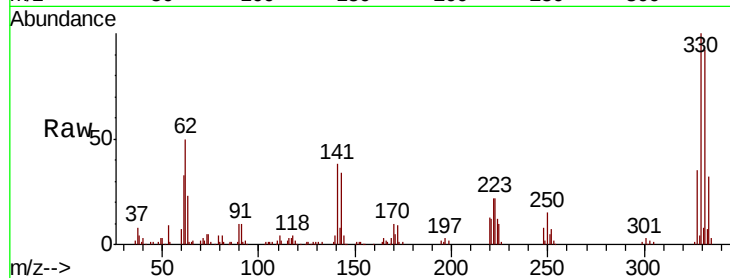




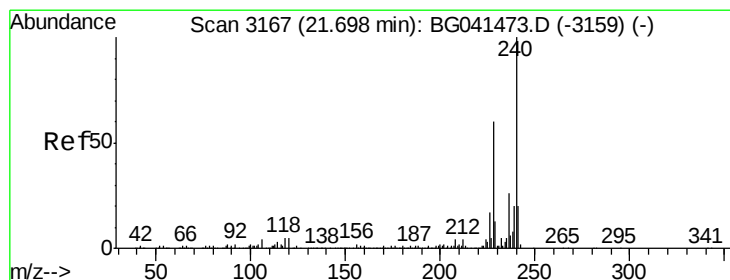
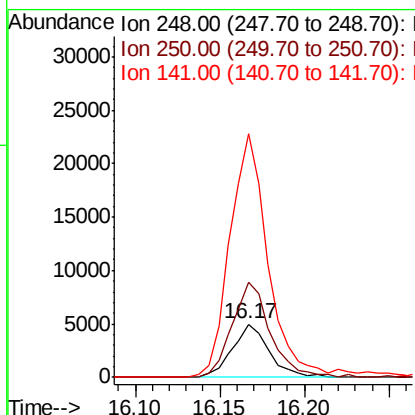
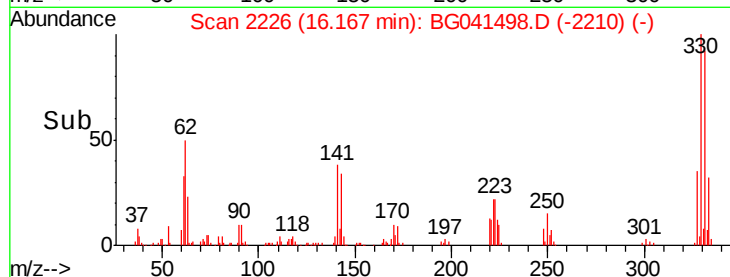
#67
 4-Bromophenyl-phenylether
 Concen: 2.931 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.44 min
 Lab File: BG041498.D
 Acq: 27 Jun 2019 21:29

Instrument :
 BNA_G
 ClientSampleId :
 M-5

Tgt Ion:248 Resp: 7552
 Ion Ratio Lower Upper
 248 100
 250 138.8 78.1 117.1#
 141 355.9 54.1 81.1#

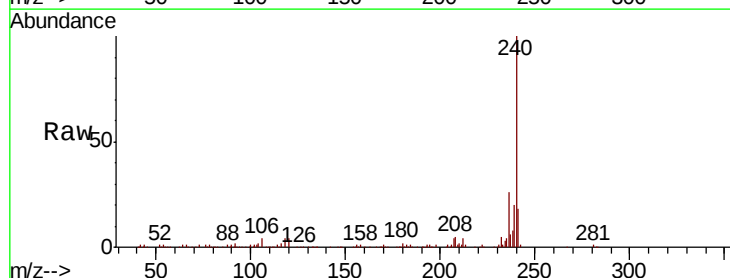


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

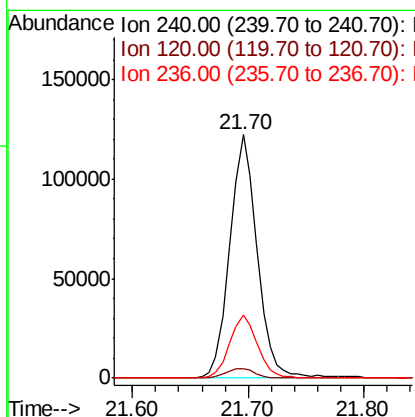
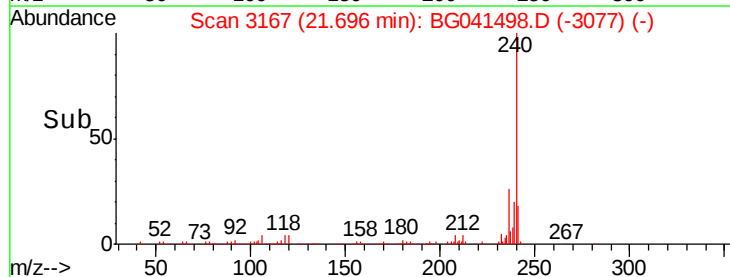


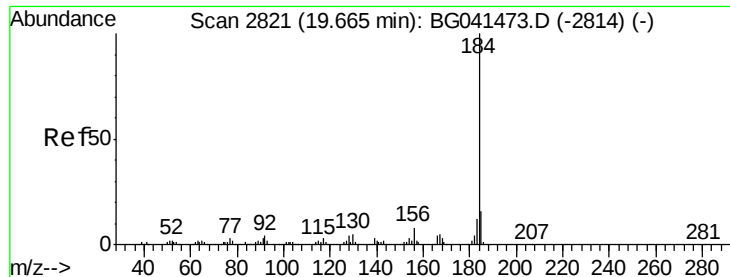
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. -0.00 min
 Lab File: BG041498.D
 Acq: 27 Jun 2019 21:29

Tgt Ion:240 Resp: 201391
 Ion Ratio Lower Upper
 240 100
 120 3.7 3.7 5.5
 236 25.8 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: 2.421 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.36 min

Lab File: BG041498.D

Acq: 27 Jun 2019 21:29

Instrument :

BNA_G

ClientSampleId :

M-5

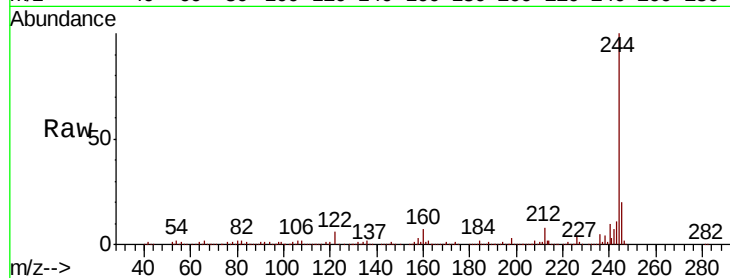
Tgt Ion:184 Resp: 10820

Ion Ratio Lower Upper

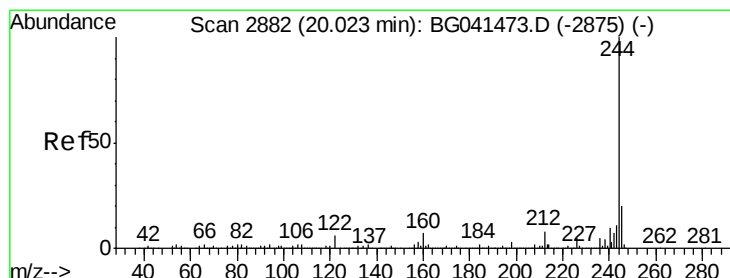
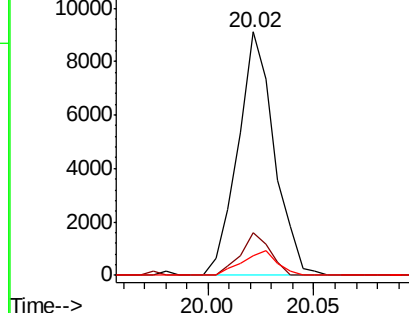
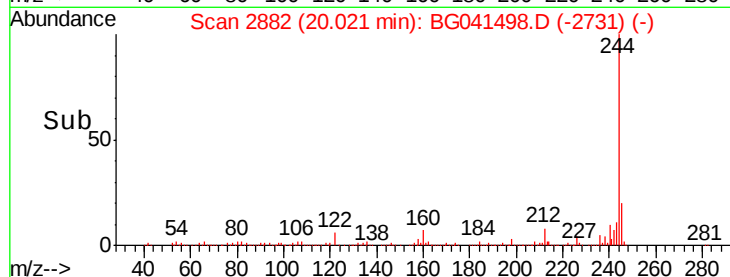
184 100

185 17.4 12.7 19.1

183 7.8 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: 70.388 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG041498.D

Acq: 27 Jun 2019 21:29

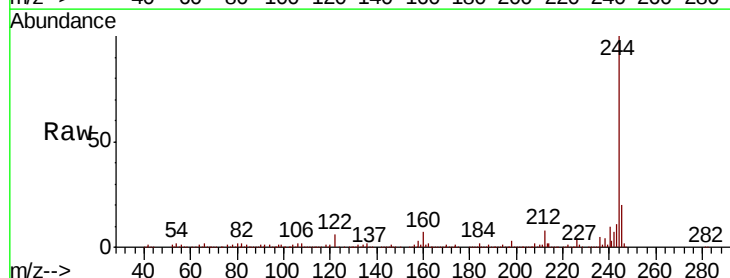
Tgt Ion:244 Resp: 667058

Ion Ratio Lower Upper

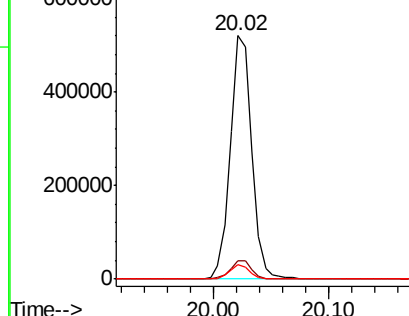
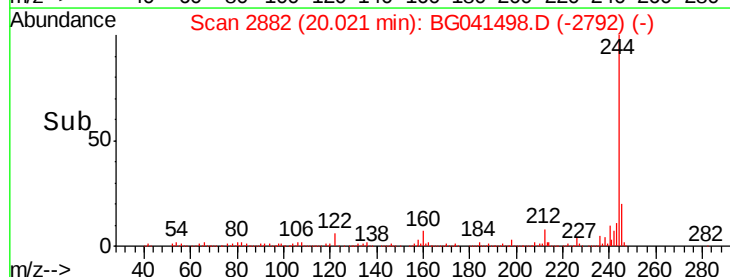
244 100

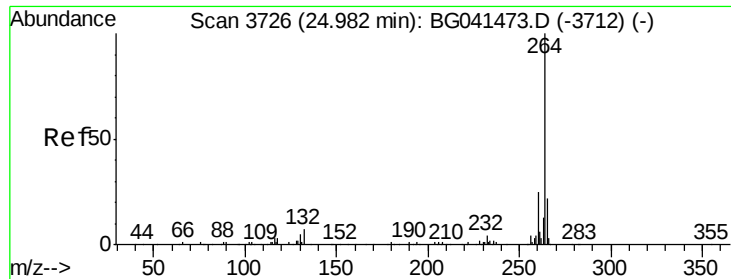
212 7.7 6.2 9.4

122 5.9 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# 3726
Delta R.T. -0.00 min
Lab File: BG041498.D
Acq: 27 Jun 2019 21:29

Instrument :
BNA_G
ClientSampleId :
M-5

Tgt Ion:	264	Resp:	211166
Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.7	29.5
265	20.8	17.4	26.2

