

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062719\
 Data File : BG041487.D
 Acq On : 27 Jun 2019 12:28
 Operator : HP/JU
 Sample : K3539-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-F-UNTREATED

Quant Time: Jun 28 05:51:05 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

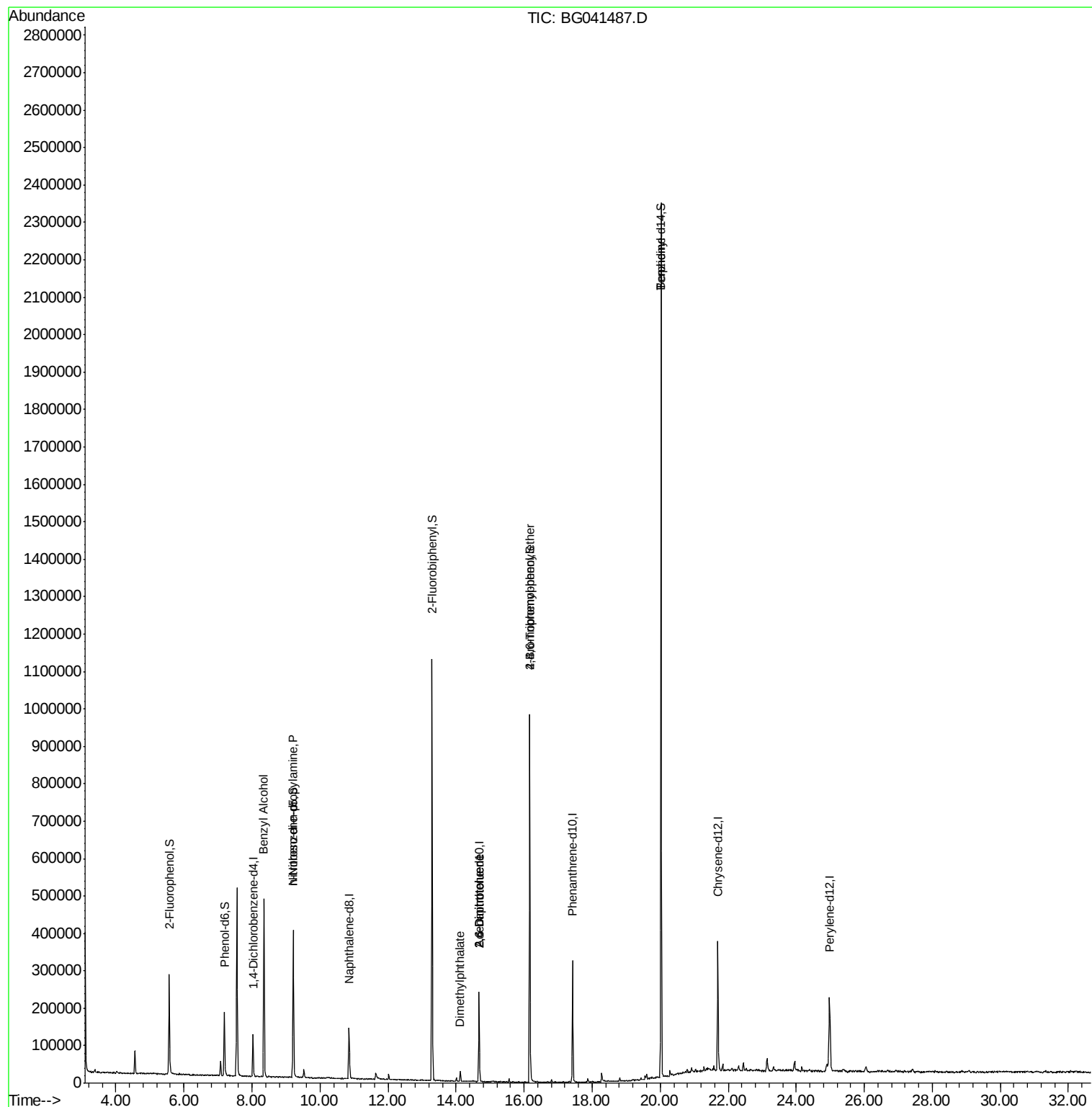
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	31018	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	115358	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	84381	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	213166	20.00	ng	0.00
76) Chrysene-d12	21.70	240	216922	20.00	ng	0.00
87) Perylene-d12	24.98	264	238465	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	108784	62.53	ng	0.00
7) Phenol-d6	7.19	99	98338	40.15	ng	0.00
23) Nitrobenzene-d5	9.21	82	242459	87.66	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	191318	132.79	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	582461	88.58	ng	0.00
79) Terphenyl-d14	20.03	244	1093139	107.09	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.35	79	4310	2.210	ng	# 69
19) n-Nitroso-di-n-propylamine	9.21	70	34122	18.678	ng	# 74
50) Dimethylphthalate	14.12	163	18940	2.467	ng	# 95
51) 2,6-Dinitrotoluene	14.67	165	10900	6.689	ng	# 18
57) 2,4-Dinitrotoluene	14.67	165	10900	4.611	ng	# 23
67) 4-Bromophenyl-phenylether	16.17	248	14187	4.870	ng	# 1
77) Benizidine	20.03	184	18347	3.812	ng	# 94

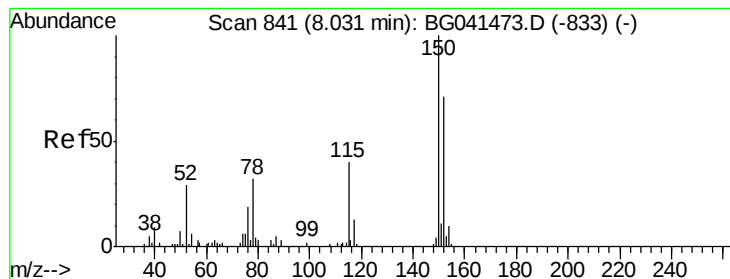
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062719\
Data File : BG041487.D
Acq On : 27 Jun 2019 12:28
Operator : HP/JU
Sample : K3539-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-F-UNTREATED

Quant Time: Jun 28 05:51:05 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



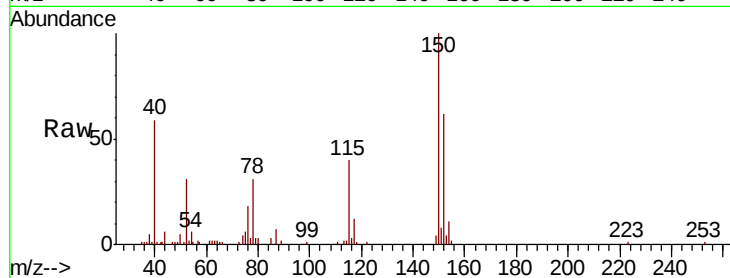


#1

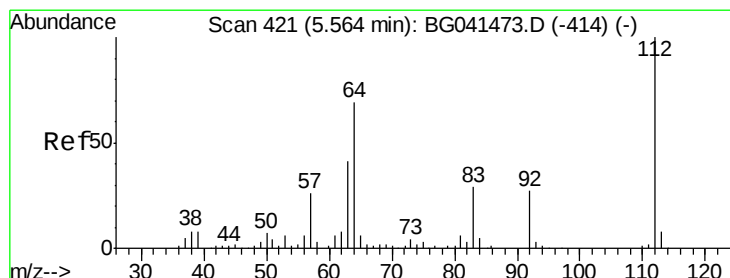
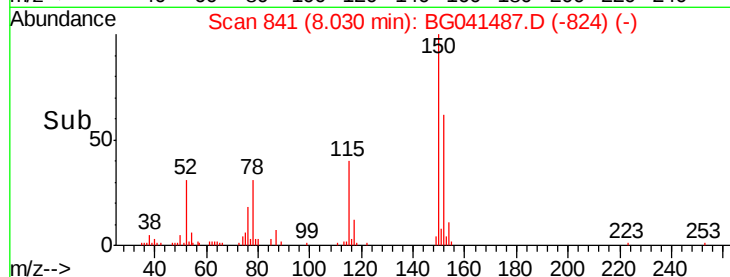
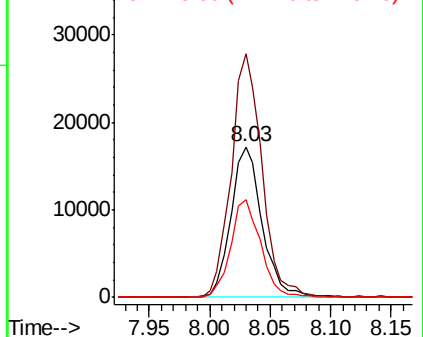
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041487.D
Acq: 27 Jun 2019 12:28

Instrument :
BNA_G
ClientSampleId :
MH-F-UNTREATED

Tgt Ion:152 Resp: 31018
Ion Ratio Lower Upper
152 100
150 161.5 112.4 168.6
115 65.0 44.6 66.8



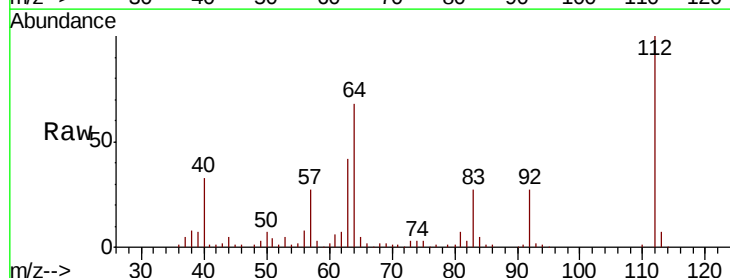
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



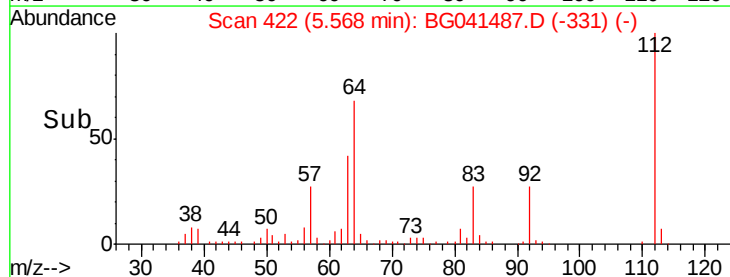
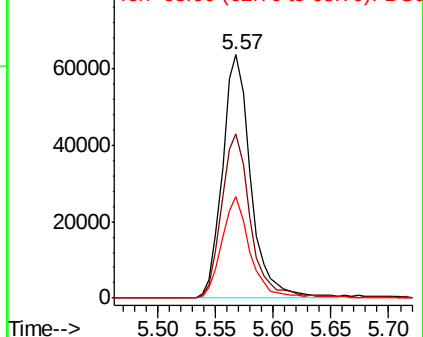
#5

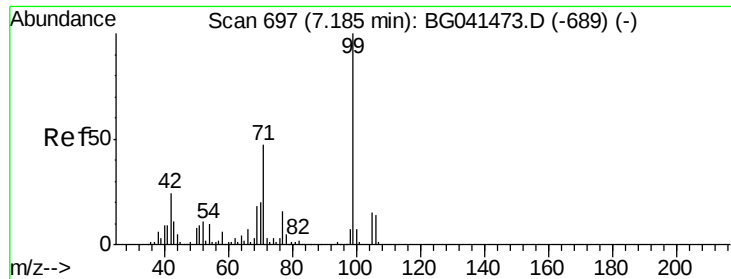
2-Fluorophenol
Concen: 62.527 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG041487.D
Acq: 27 Jun 2019 12:28

Tgt Ion:112 Resp: 108784
Ion Ratio Lower Upper
112 100
64 67.7 55.1 82.7
63 41.8 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: 40.151 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041487.D

Acq: 27 Jun 2019 12:28

Instrument :

BNA_G

ClientSampleId :

MH-F-UNTREATED

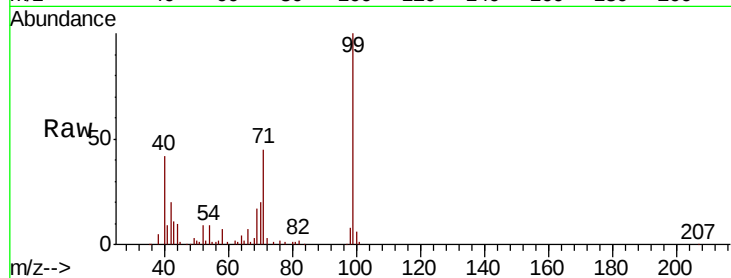
Tgt Ion: 99 Resp: 98338

Ion Ratio Lower Upper

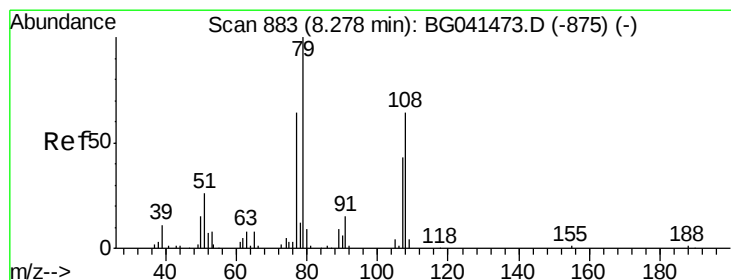
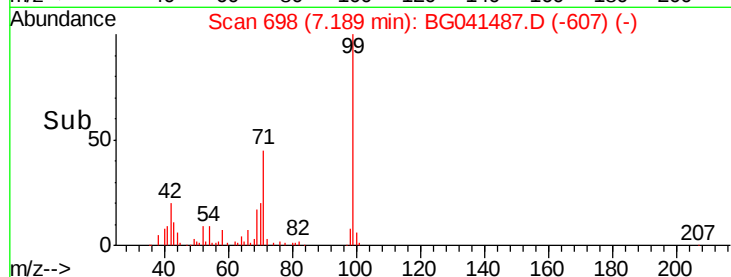
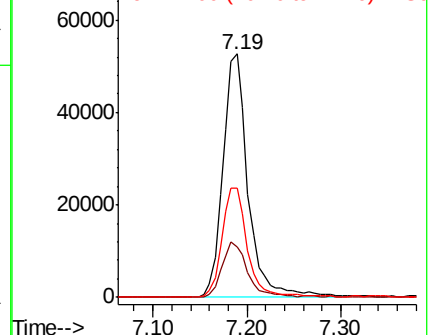
99 100

42 20.4 19.0 28.6

71 44.7 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



#15

Benzyl Alcohol

Concen: 2.210 ng

RT: 8.35 min Scan# 896

Delta R.T. 0.07 min

Lab File: BG041487.D

Acq: 27 Jun 2019 12:28

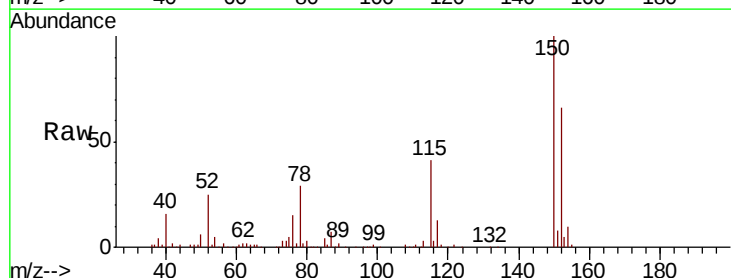
Tgt Ion: 79 Resp: 4310

Ion Ratio Lower Upper

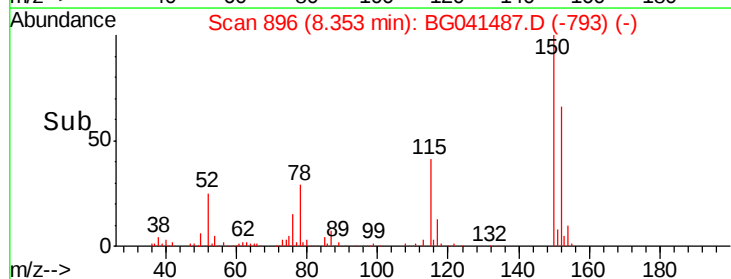
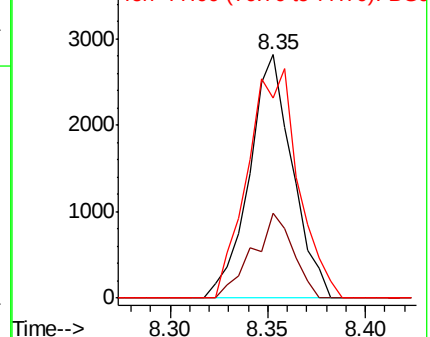
79 100

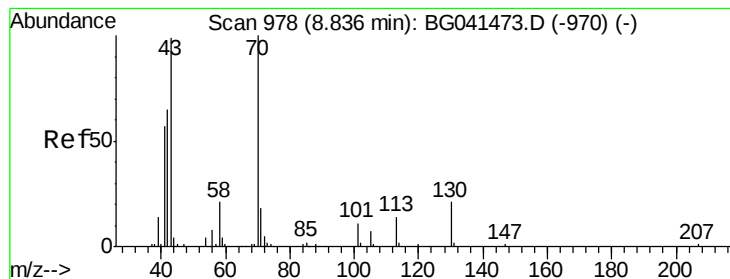
108 35.1 51.4 77.0#

77 82.5 50.8 76.2#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC





#19

n-Nitroso-di-n-propylamine

Concen: 18.678 ng

RT: 9.21 min Scan# 1042

Delta R.T. 0.37 min

Lab File: BG041487.D

Acq: 27 Jun 2019 12:28

Instrument :

BNA_G

ClientSampleId :

MH-F-UNTREATED

Tgt Ion: 70 Resp: 34122

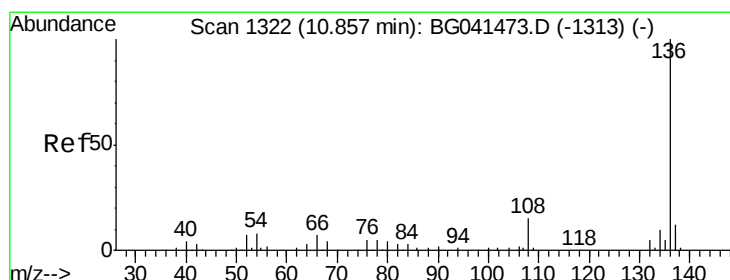
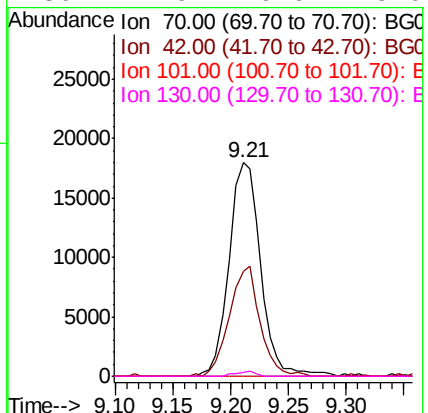
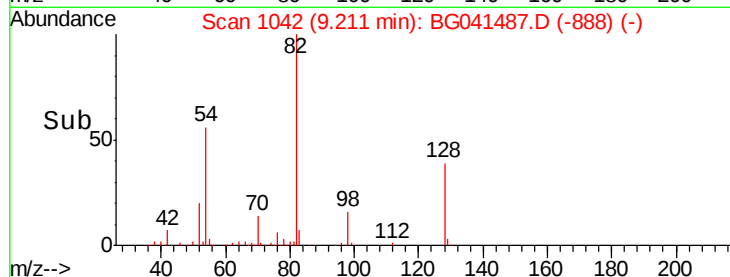
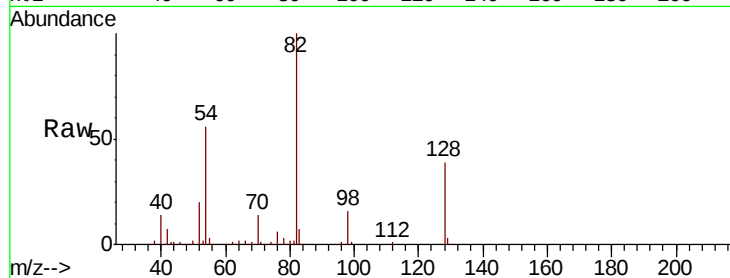
Ion Ratio Lower Upper

70 100

42 48.9 52.6 78.8#

101 0.0 8.6 13.0#

130 1.9 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BG041487.D

Acq: 27 Jun 2019 12:28

Tgt Ion: 136 Resp: 115358

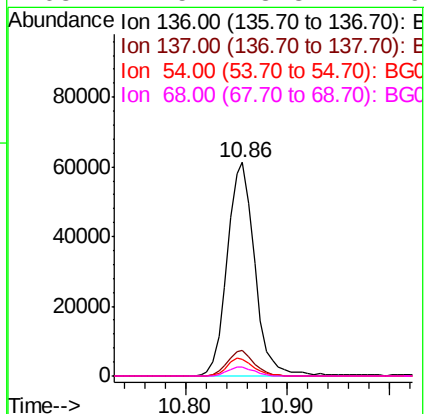
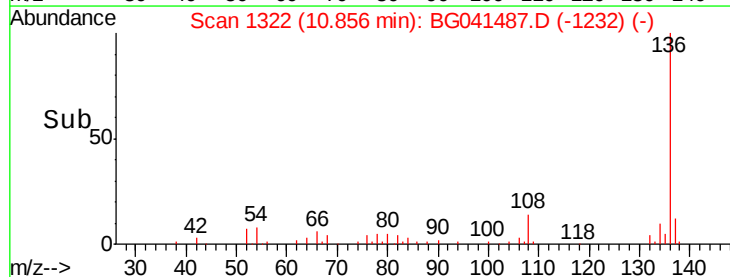
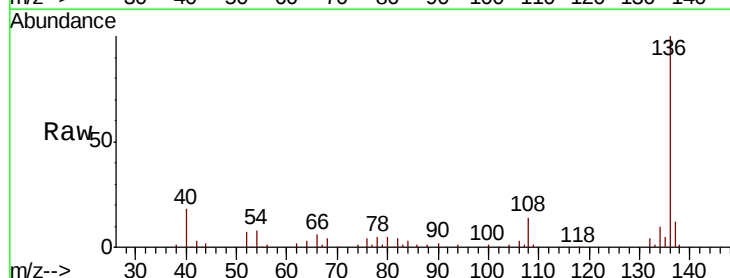
Ion Ratio Lower Upper

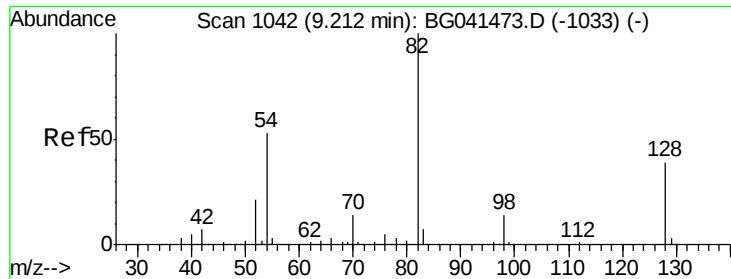
136 100

137 11.9 9.3 13.9

54 7.7 7.1 10.7

68 4.5 3.3 4.9

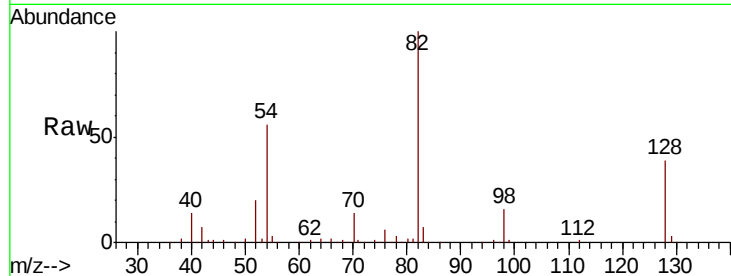




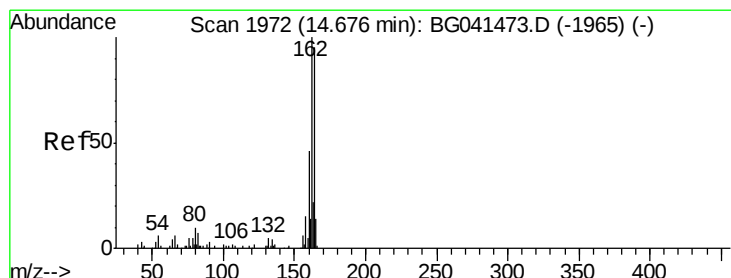
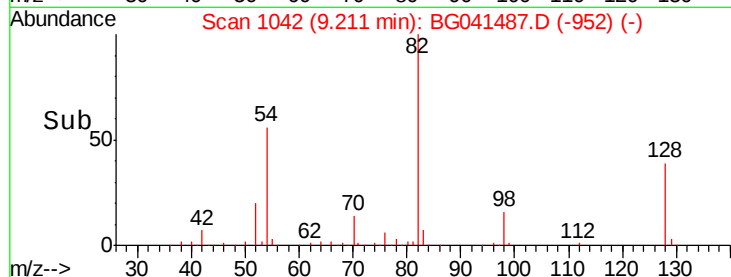
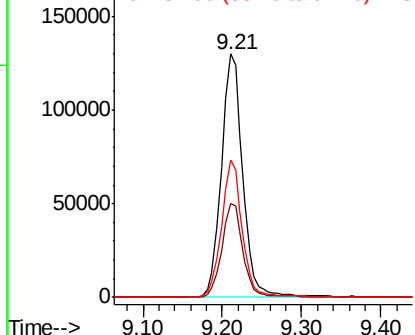
#23
Nitrobenzene-d5
Concen: 87.660 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG041487.D
Acq: 27 Jun 2019 12:28

Instrument :
BNA_G
ClientSampleId :
MH-F-UNTREATED

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.6	30.9	46.3
54	56.5	42.2	63.2

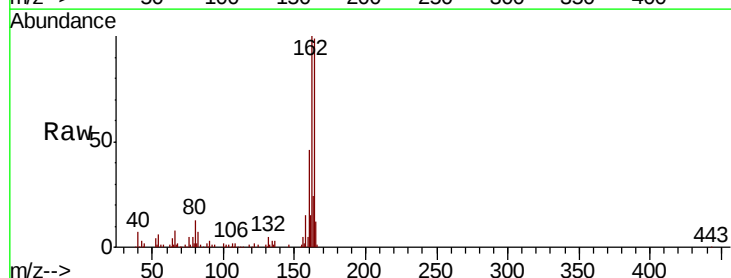


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

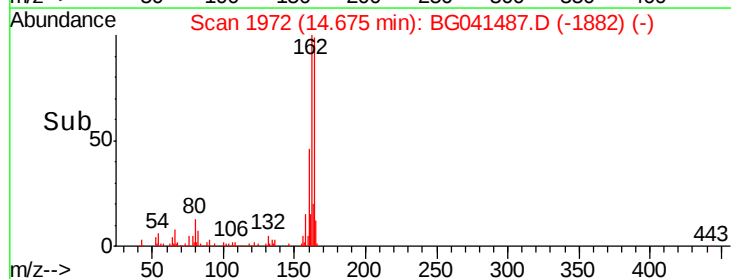
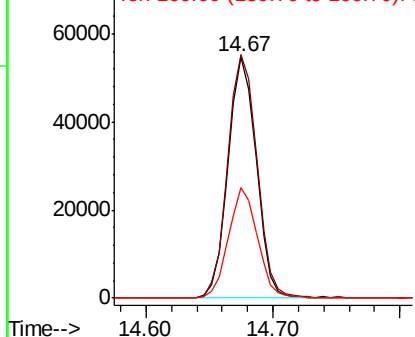


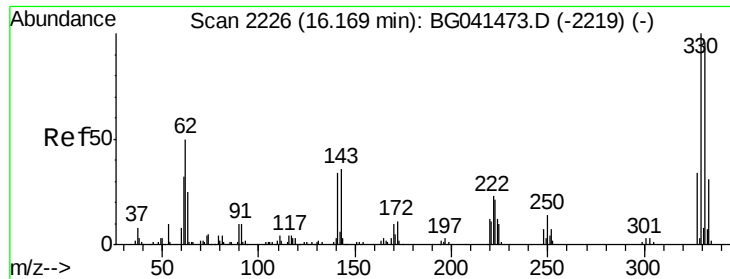
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG041487.D
Acq: 27 Jun 2019 12:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	84.4	126.6
160	46.0	38.8	58.2



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

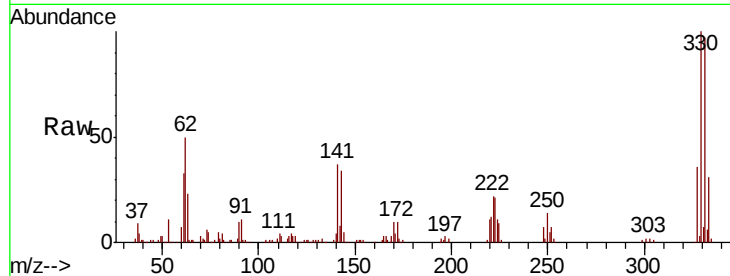




#42
 2,4,6-Tribromophenol
 Concen: 132.791 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.00 min
 Lab File: BG041487.D
 Acq: 27 Jun 2019 12:28

Instrument :
 BNA_G
 ClientSampleId :
 MH-F-UNTREATED

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.5	113.3
141	35.3	27.8	41.6

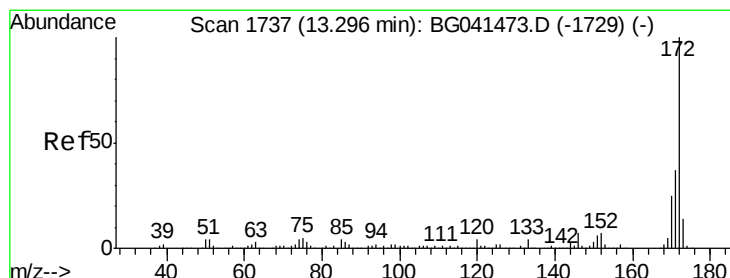
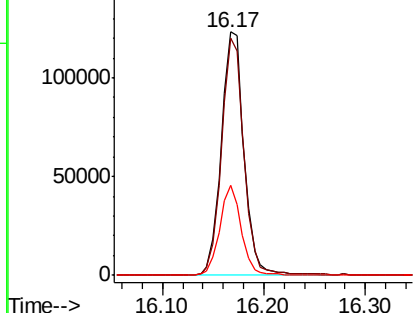
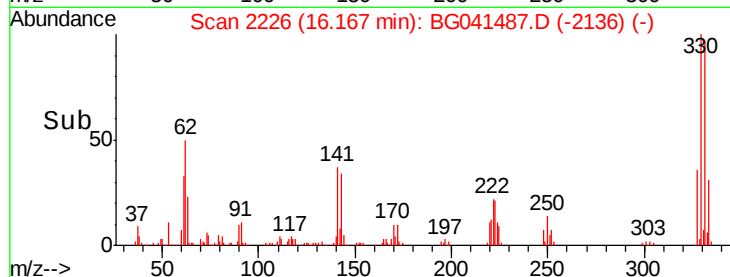


Abundance

Ion 329.80 (329.50 to 330.50): E

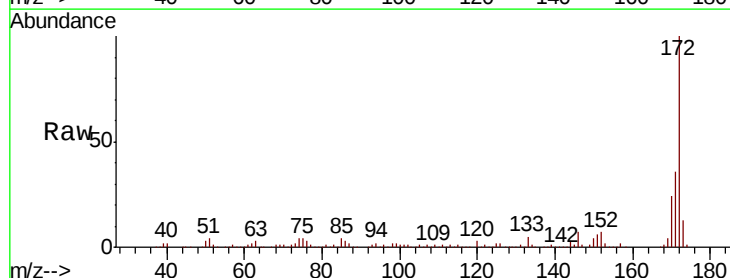
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 88.580 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. 0.00 min
 Lab File: BG041487.D
 Acq: 27 Jun 2019 12:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	24.2	20.0	30.0

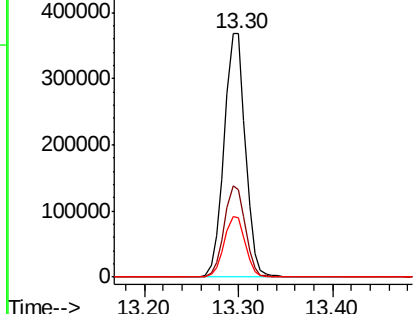
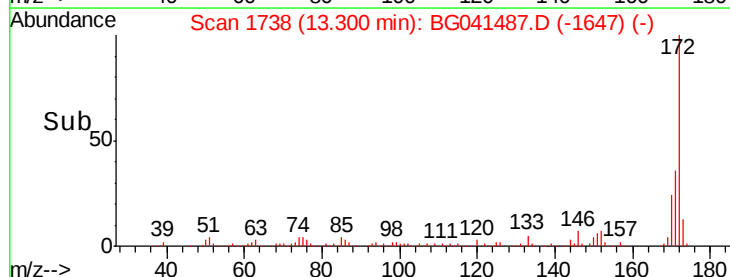


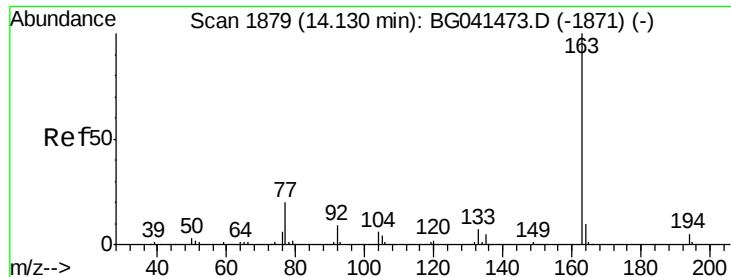
Abundance

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: 2.467 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG041487.D

Acq: 27 Jun 2019 12:28

Instrument :

BNA_G

ClientSampleId :

MH-F-UNTREATED

Tgt Ion:163 Resp: 18940

Ion Ratio Lower Upper

163 100

194 5.4

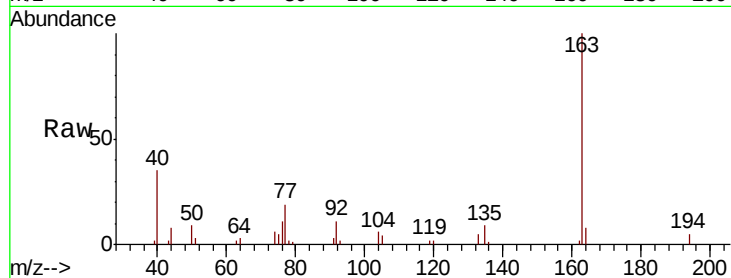
3.7

5.5

164 7.6

7.8

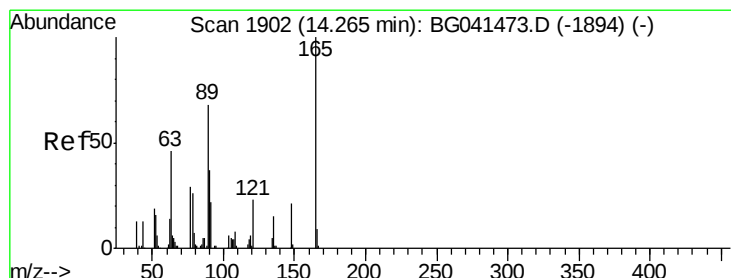
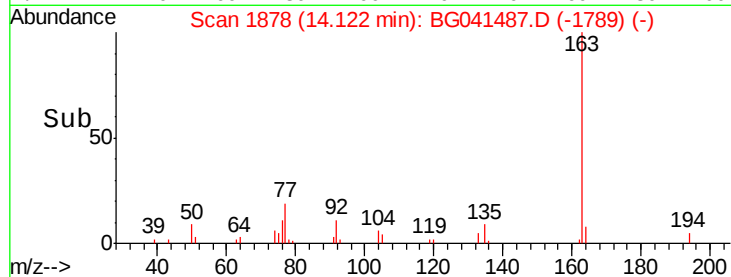
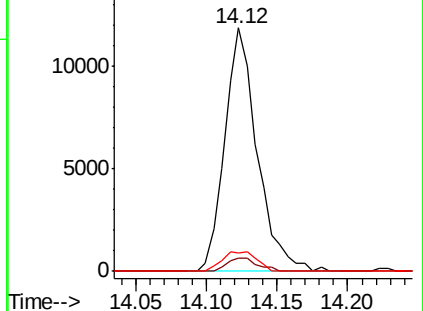
11.6#



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



#51

2,6-Dinitrotoluene

Concen: 6.689 ng

RT: 14.67 min Scan# 1972

Delta R.T. 0.41 min

Lab File: BG041487.D

Acq: 27 Jun 2019 12:28

Tgt Ion:165 Resp: 10900

Ion Ratio Lower Upper

165 100

63 3.1

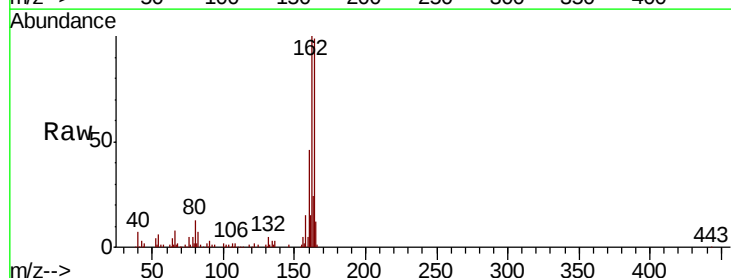
56.4

84.6#

89 2.5

54.6

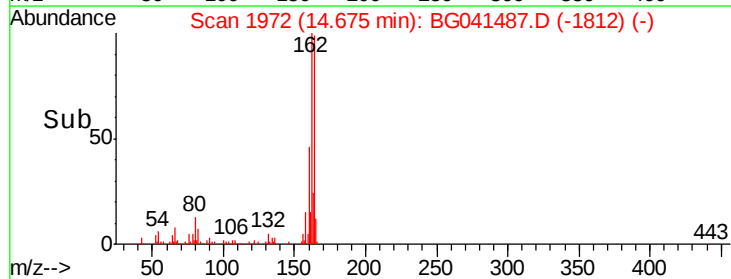
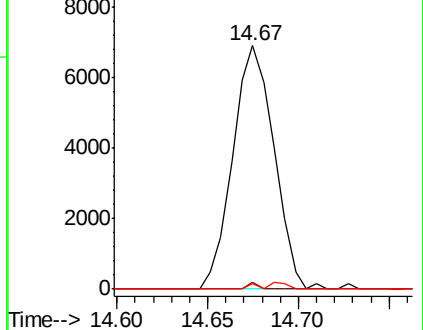
81.8#

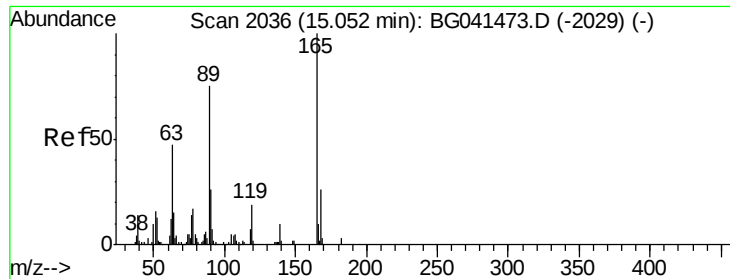


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

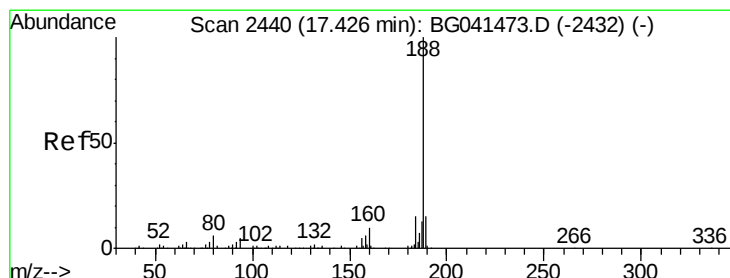
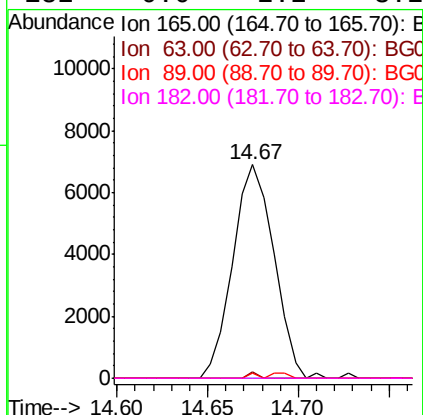
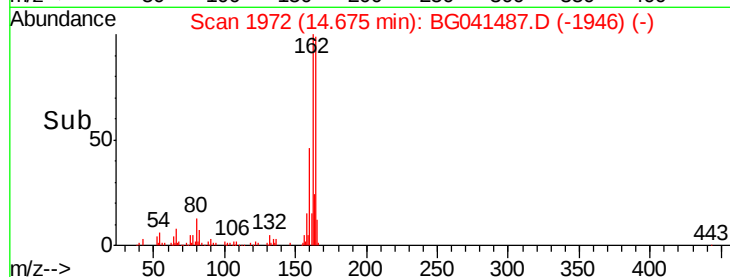
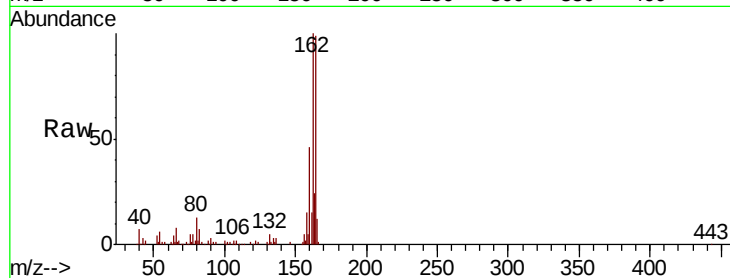




#57
 2,4-Dinitrotoluene
 Concen: 4.611 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.38 min
 Lab File: BG041487.D
 Acq: 27 Jun 2019 12:28

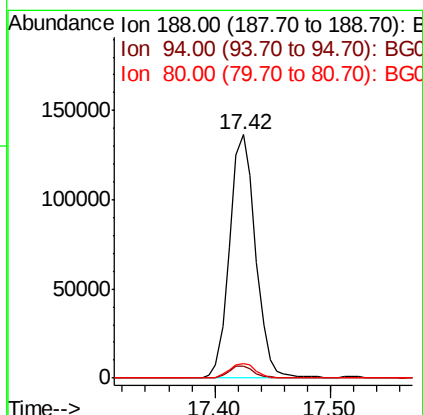
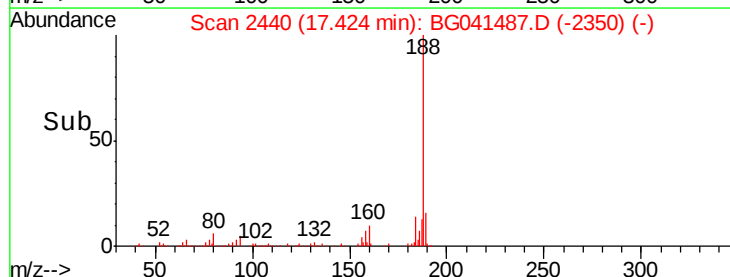
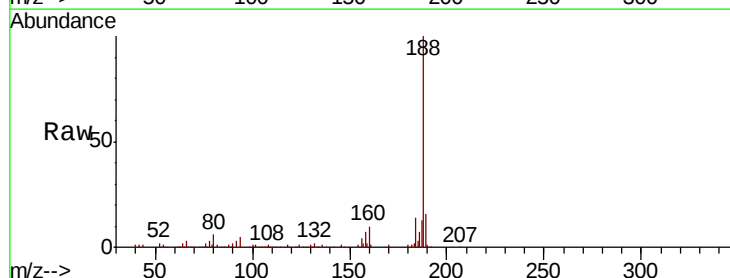
Instrument :
 BNA_G
 ClientSampleId :
 MH-F-UNTREATED

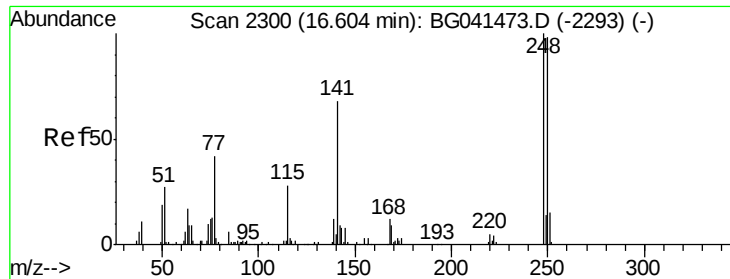
Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.1	38.8	58.2#
89	2.5	60.1	90.1#
182	0.0	2.2	3.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2440
 Delta R.T. -0.00 min
 Lab File: BG041487.D
 Acq: 27 Jun 2019 12:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.8	3.8	5.8
80	6.1	4.8	7.2

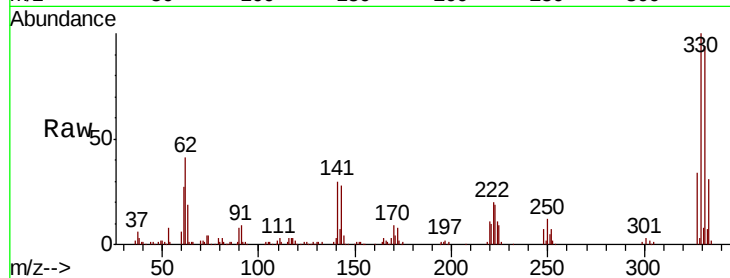




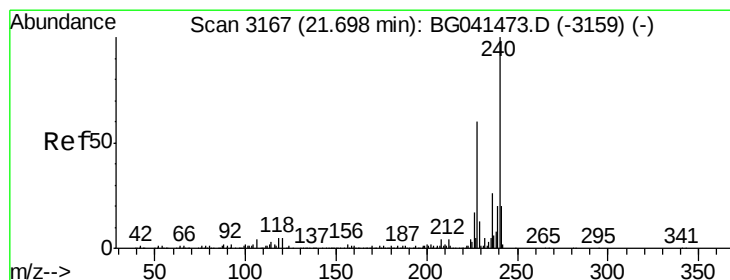
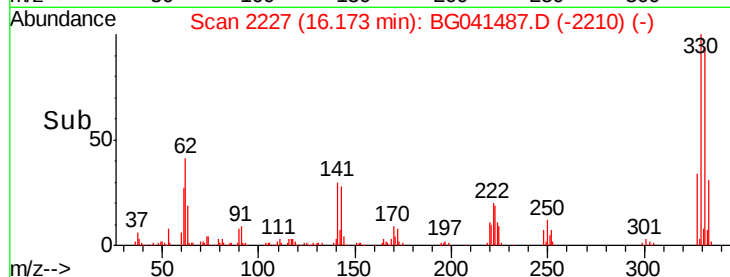
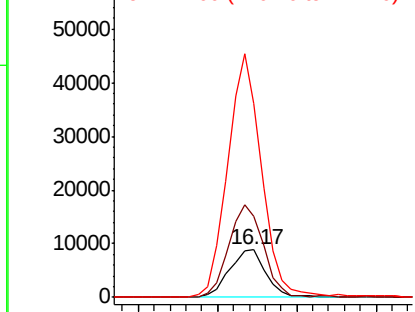
#67
4-Bromophenyl-phenylether
Concen: 4.870 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.43 min
Lab File: BG041487.D
Acq: 27 Jun 2019 12:28

Instrument :
BNA_G
ClientSampleId :
MH-F-UNTREATED

Tgt Ion:248 Resp: 14187
Ion Ratio Lower Upper
248 100
250 169.6 78.1 117.1#
141 407.4 54.1 81.1#

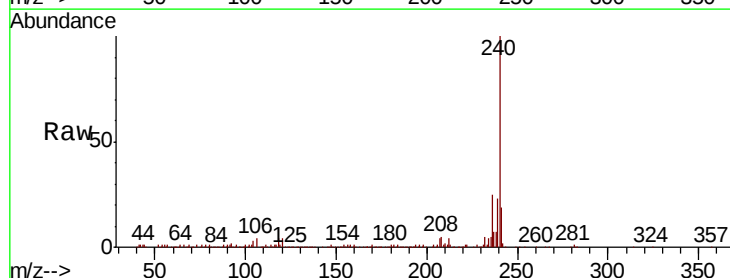


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

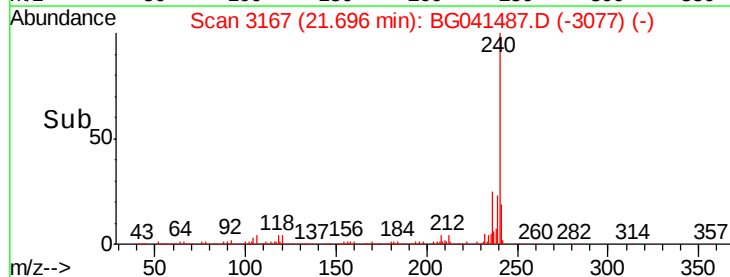
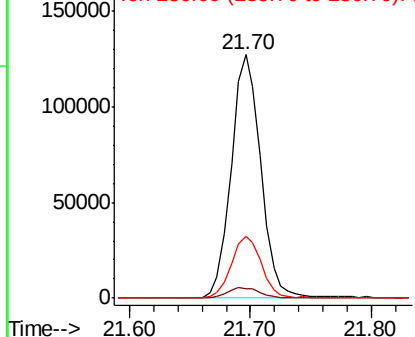


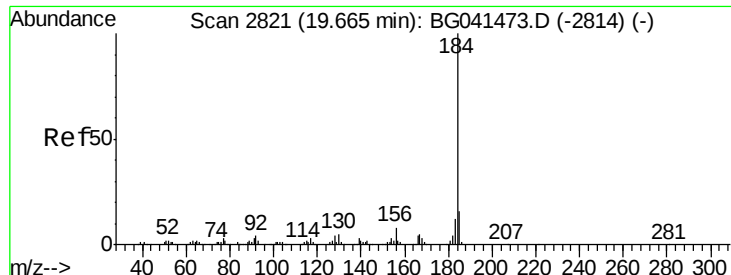
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG041487.D
Acq: 27 Jun 2019 12:28

Tgt Ion:240 Resp: 216922
Ion Ratio Lower Upper
240 100
120 3.7 3.7 5.5
236 25.2 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: 3.812 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.36 min

Lab File: BG041487.D

Acq: 27 Jun 2019 12:28

Instrument :

BNA_G

ClientSampleId :

MH-F-UNTREATED

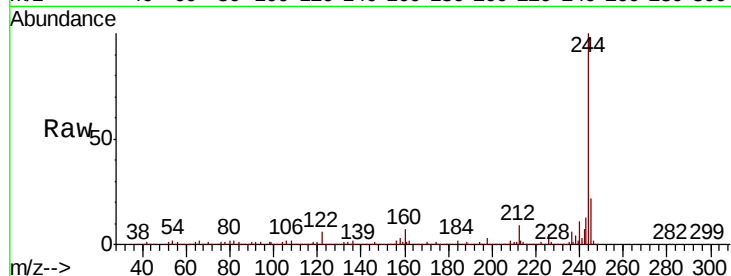
Tgt Ion:184 Resp: 18347

Ion Ratio Lower Upper

184 100

185 15.0 12.7 19.1

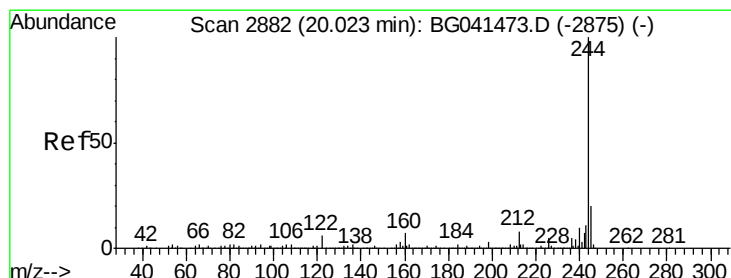
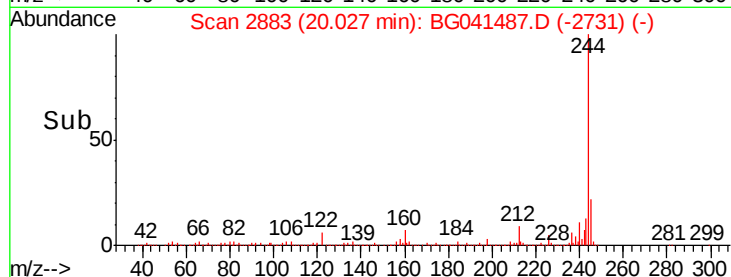
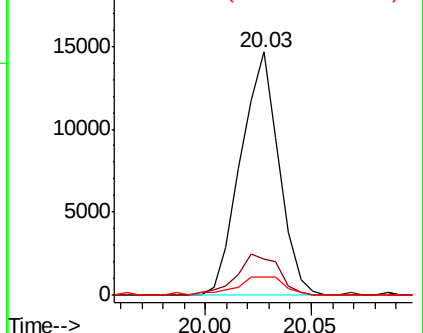
183 7.7 9.4 14.2#



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: 107.090 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG041487.D

Acq: 27 Jun 2019 12:28

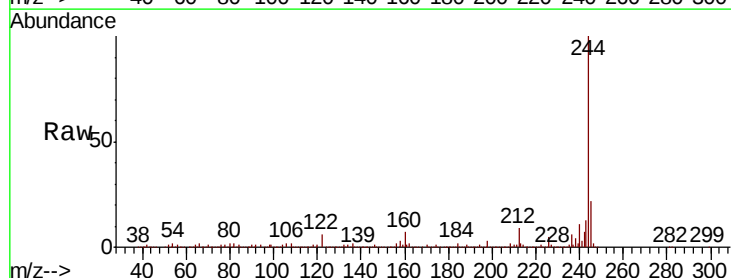
Tgt Ion:244 Resp: 1093139

Ion Ratio Lower Upper

244 100

212 8.6 6.2 9.4

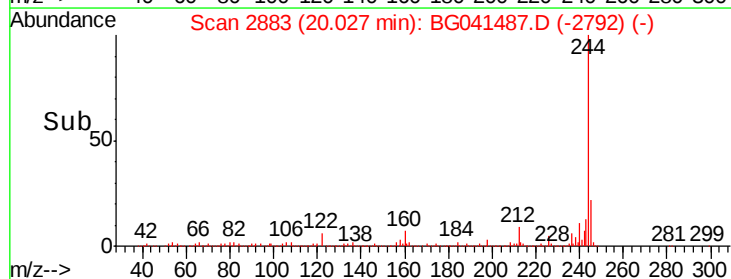
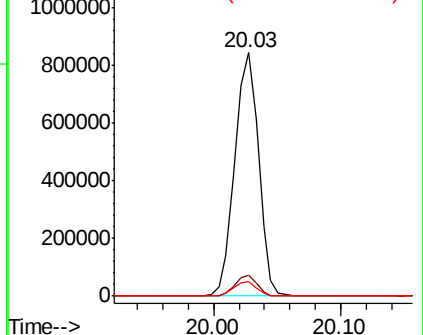
122 5.9 4.8 7.2

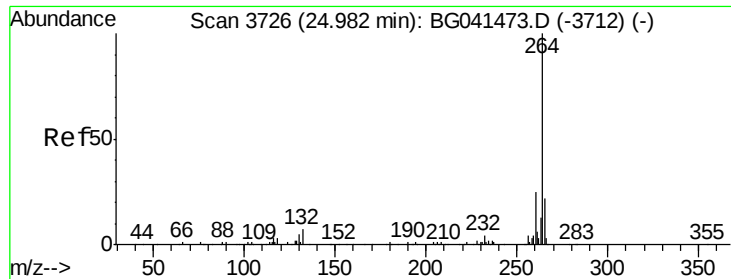


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG041487.D
Acq: 27 Jun 2019 12:28

Instrument :
BNA_G
ClientSampleId :
MH-F-UNTREATED

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.7	29.5
265	20.5	17.4	26.2

