

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030421\
 Data File : BG048327.D
 Acq On : 4 Mar 2021 14:01
 Operator : CG/JU
 Sample : M1545-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-5

Quant Time: Mar 04 15:22:49 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 03 16:40:27 2021
 Response via : Initial Calibration

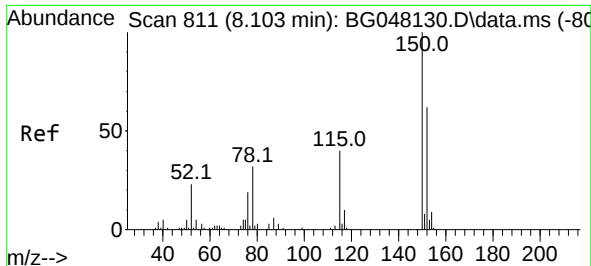
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.102	152	37107	20.00	ng	# 0.00
21) Naphthalene-d8	10.923	136	137571	20.00	ng	# 0.00
39) Acenaphthene-d10	14.736	164	100197	20.00	ng	0.00
64) Phenanthrene-d10	17.485	188	248828	20.00	ng	# 0.00
76) Chrysene-d12	21.763	240	290056	20.00	ng	# 0.00
86) Perylene-d12	25.059	264	289211	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.688	112	141555	64.93	ng	0.00
7) Phenol-d6	7.309	99	109419	33.04	ng	0.00
23) Nitrobenzene-d5	9.277	82	317936	97.76	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	230610	143.89	ng	0.00
45) 2-Fluorobiphenyl	13.361	172	652536	91.30	ng	0.00
79) Terphenyl-d14	20.082	244	1195378	75.31	ng	0.00
Target Compounds						
10) Phenol	7.333	94	10152	3.03	ng	# 49
19) n-Nitroso-di-n-propyla...	9.283	70	49206	19.25	ng	# 76
57) 2,4-Dinitrotoluene	14.736	165	13686	5.03	ng	# 35
67) 4-Bromophenyl-phenylether	16.234	248	15497	4.86	ng	# 1

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

Quant Time: Mar 04 15:22:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 03 16:40:27 2021
Response via : Initial Calibration

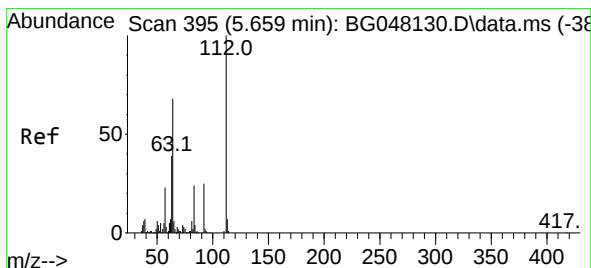
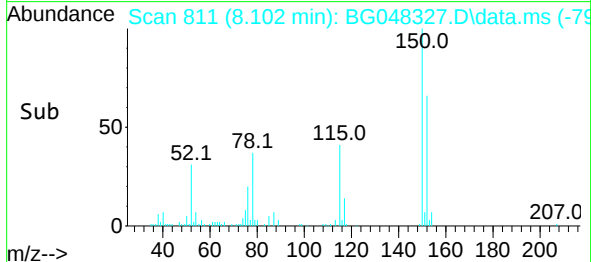
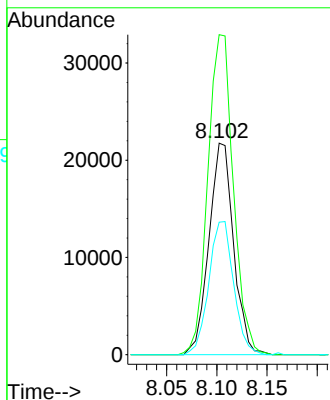
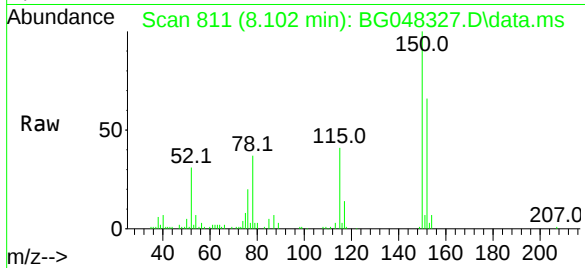




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.102 min Scan# 811
Delta R.T. 0.000 min
Lab File: BG048327.D
Acq: 4 Mar 2021 14:01

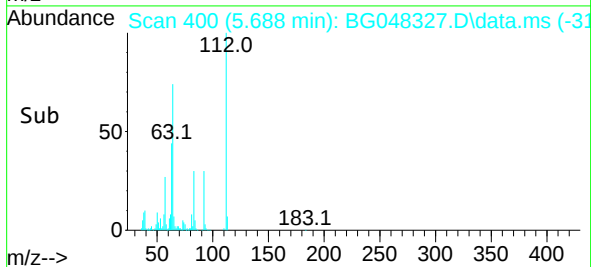
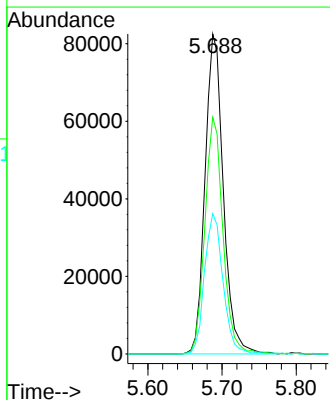
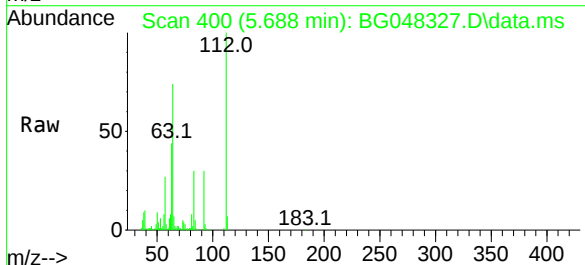
Instrument :
BNA_G
ClientSampleId :
MH-5

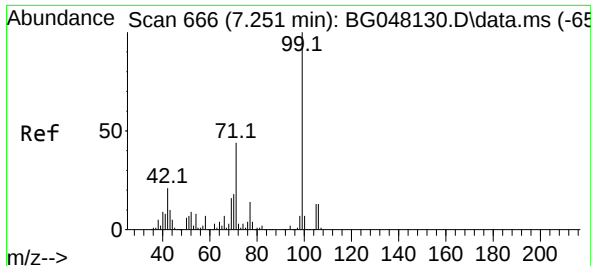
Tgt Ion:152 Resp: 37107
Ion Ratio Lower Upper
152 100
150 151.3 125.0 187.6
115 62.6 41.8 62.6#



#5
2-Fluorophenol
Concen: 64.93 ng
RT: 5.688 min Scan# 400
Delta R.T. 0.000 min
Lab File: BG048327.D
Acq: 4 Mar 2021 14:01

Tgt Ion:112 Resp: 141555
Ion Ratio Lower Upper
112 100
64 74.0 46.7 70.1#
63 43.9 22.8 34.2#

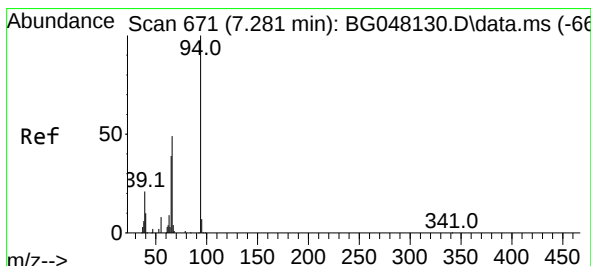
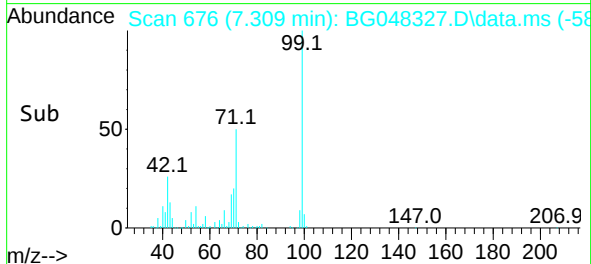
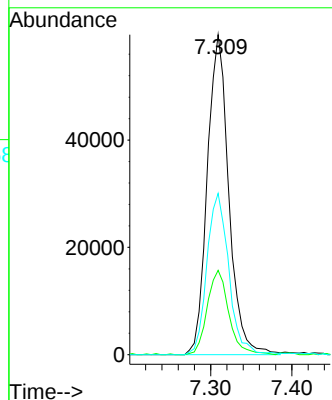
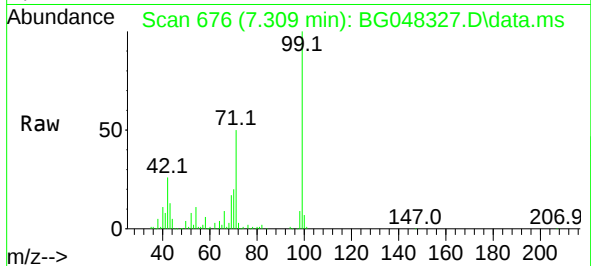




#7
Phenol-d6
Concen: 33.04 ng
RT: 7.309 min Scan# 676
Delta R.T. -0.006 min
Lab File: BG048327.D
Acq: 4 Mar 2021 14:01

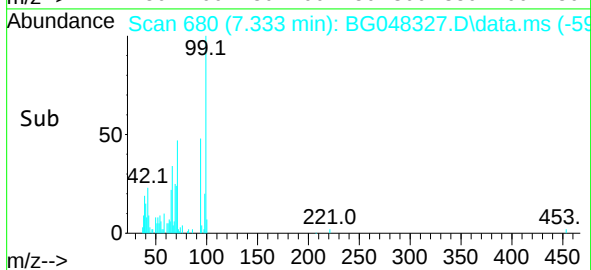
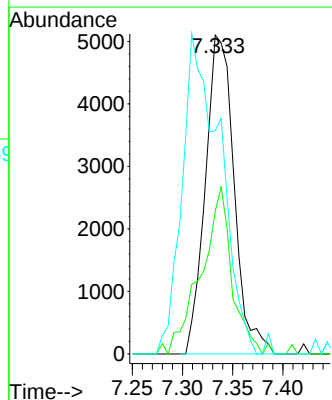
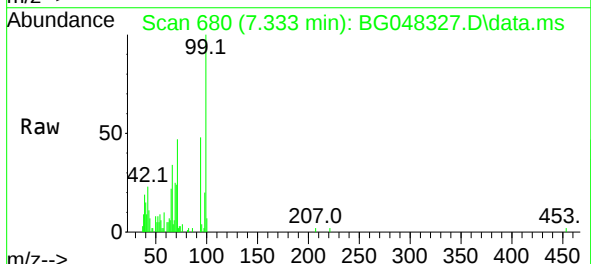
Instrument :
BNA_G
ClientSampled :
MH-5

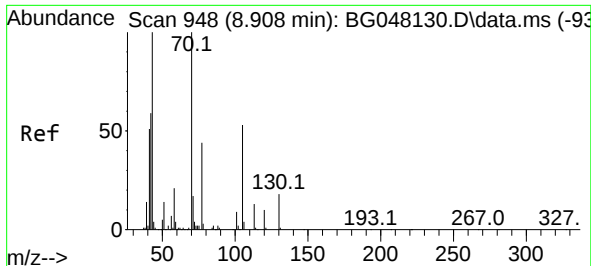
Tgt Ion: 99 Resp: 109419
Ion Ratio Lower Upper
99 100
42 26.4 12.8 19.2#
71 50.4 24.6 36.8#



#10
Phenol
Concen: 3.03 ng
RT: 7.333 min Scan# 680
Delta R.T. -0.006 min
Lab File: BG048327.D
Acq: 4 Mar 2021 14:01

Tgt Ion: 94 Resp: 10152
Ion Ratio Lower Upper
94 100
65 44.7 6.6 46.6
66 70.1 13.9 53.9#

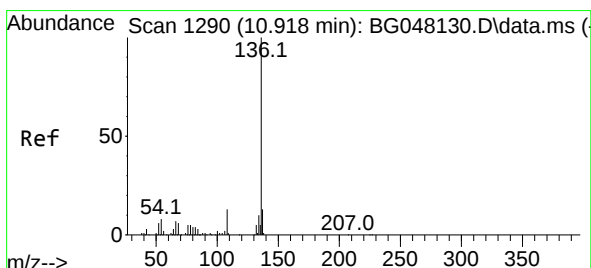
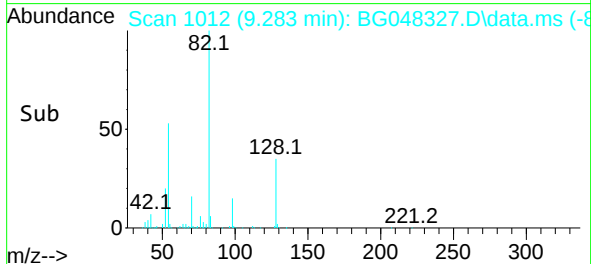
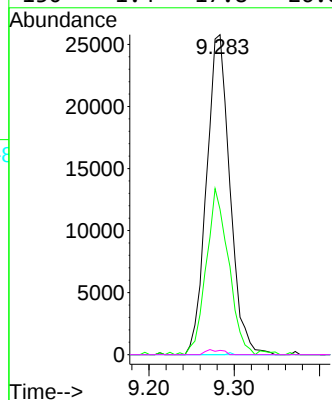
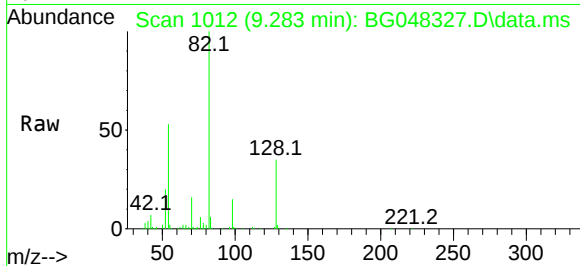




#19
n-Nitroso-di-n-propylamine
Concen: 19.25 ng
RT: 9.283 min Scan# 1012
Delta R.T. 0.364 min
Lab File: BG048327.D
Acq: 4 Mar 2021 14:01

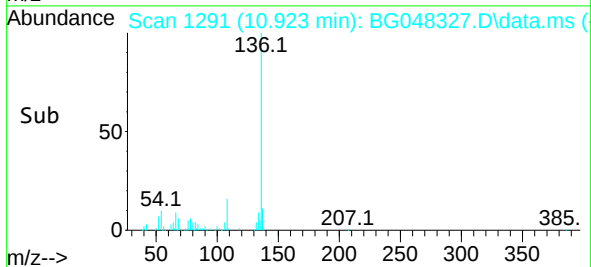
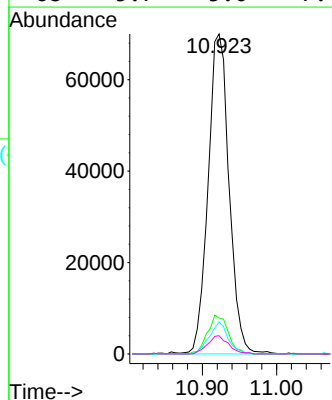
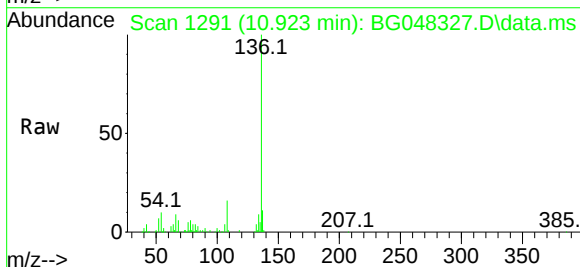
Instrument :
BNA_G
ClientSampled :
MH-5

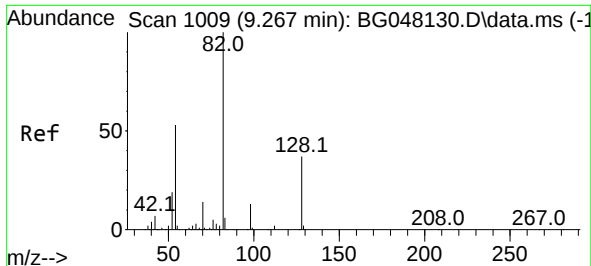
Tgt Ion: 70	Resp: 49206
Ion Ratio	Lower Upper
70 100	
42 45.4	45.6 68.4#
101 0.0	8.4 12.6#
130 1.4	17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.923 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BG048327.D
Acq: 4 Mar 2021 14:01

Tgt Ion: 136	Resp: 137571
Ion Ratio	Lower Upper
136 100	
137 11.3	9.1 13.7
54 10.0	6.2 9.4#
68 5.7	5.0 7.4

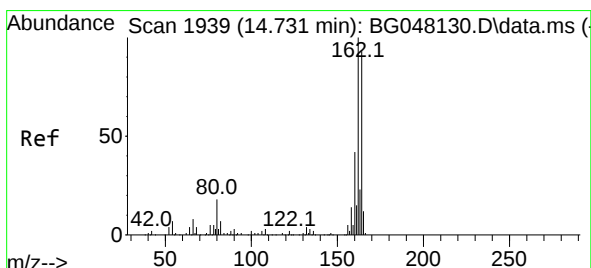
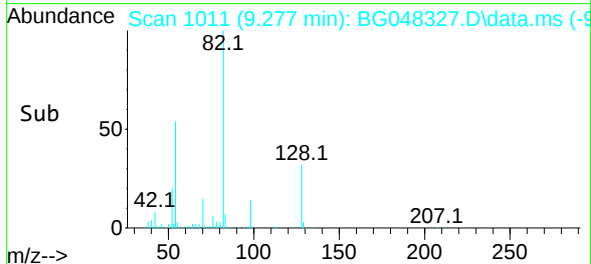
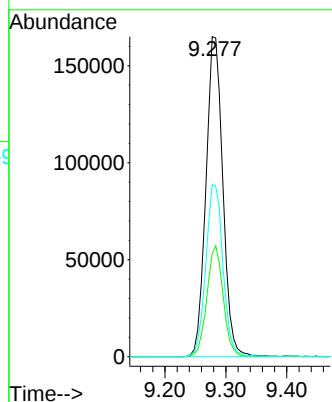
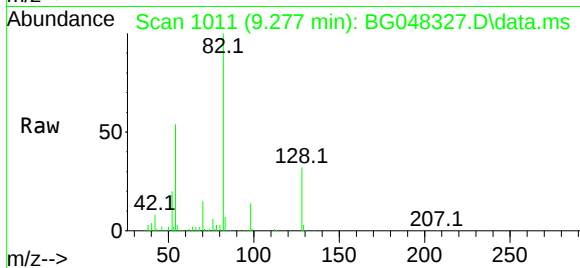




#23
Nitrobenzene-d5
Concen: 97.76 ng
RT: 9.277 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BG048327.D
Acq: 4 Mar 2021 14:01

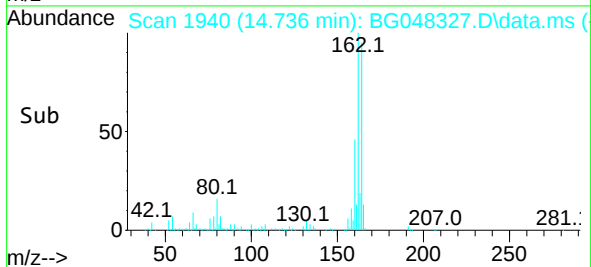
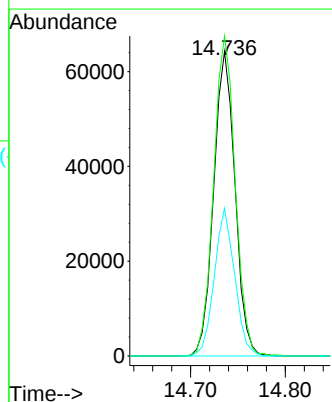
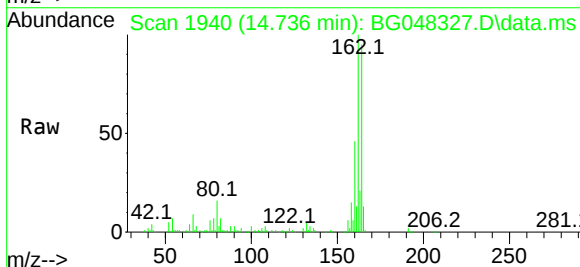
Instrument :
BNA_G
ClientSampled :
MH-5

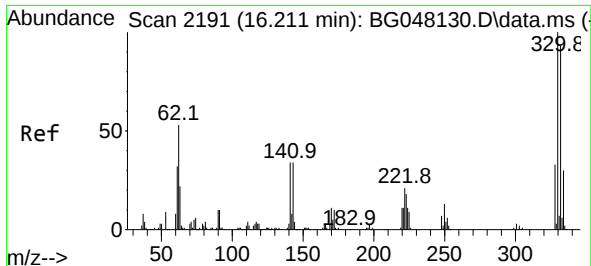
Tgt Ion: 82 Resp: 317936
Ion Ratio Lower Upper
82 100
128 32.1 37.0 55.6#
54 53.8 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.736 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BG048327.D
Acq: 4 Mar 2021 14:01

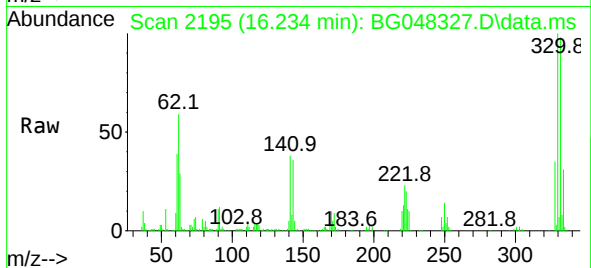
Tgt Ion:164 Resp: 100197
Ion Ratio Lower Upper
164 100
162 105.1 82.3 123.5
160 48.5 35.3 52.9



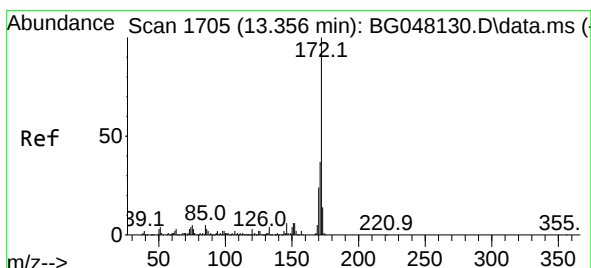
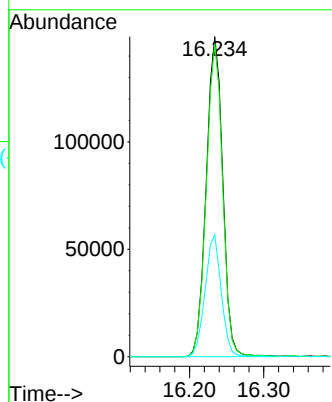
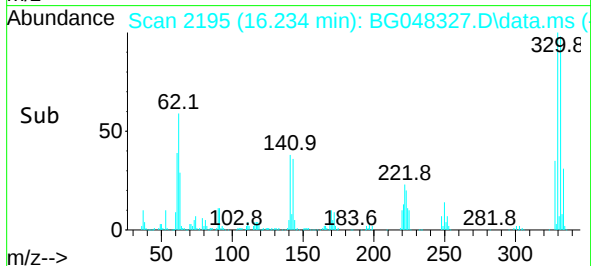


#42
2,4,6-Tribromophenol
Concen: 143.89 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BG048327.D
Acq: 4 Mar 2021 14:01

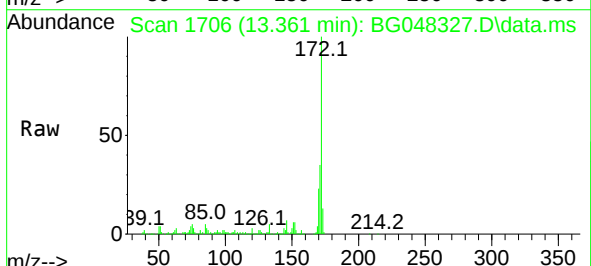
Instrument :
BNA_G
ClientSampled :
MH-5



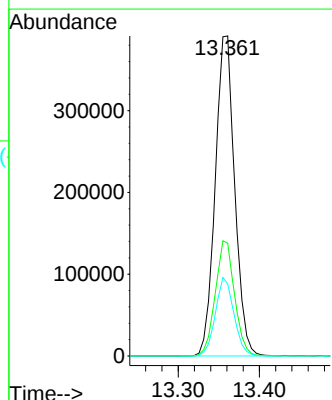
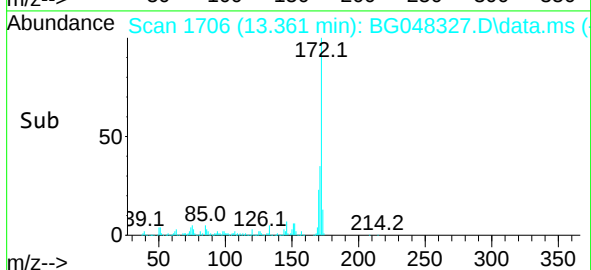
Tgt Ion:330 Resp: 230610
Ion Ratio Lower Upper
330 100
332 96.5 76.5 114.7
141 37.3 26.0 39.0

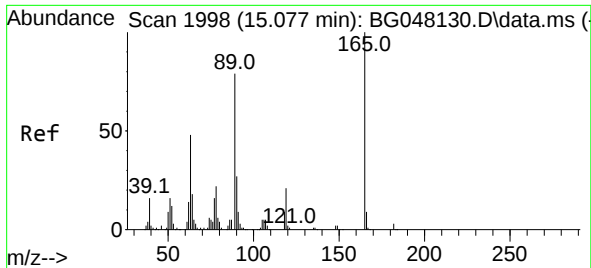


#45
2-Fluorobiphenyl
Concen: 91.30 ng
RT: 13.361 min Scan# 1706
Delta R.T. 0.000 min
Lab File: BG048327.D
Acq: 4 Mar 2021 14:01



Tgt Ion:172 Resp: 652536
Ion Ratio Lower Upper
172 100
171 35.2 31.3 46.9
170 22.6 20.8 31.2

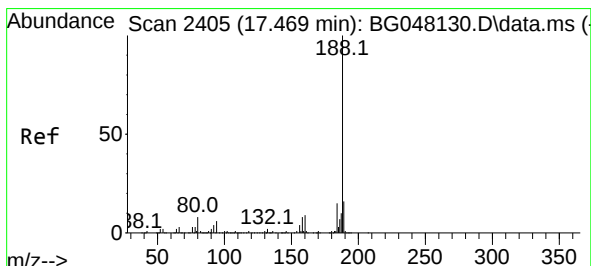
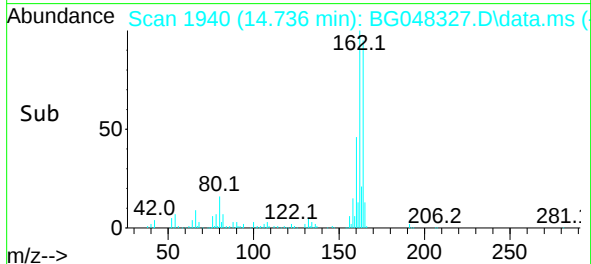
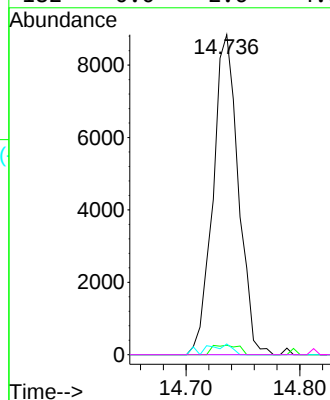
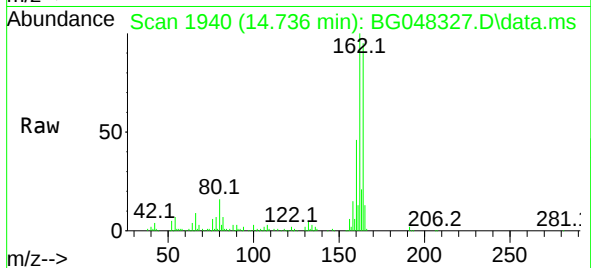




#57
2,4-Dinitrotoluene
Concen: 5.03 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.382 min
Lab File: BG048327.D
Acq: 4 Mar 2021 14:01

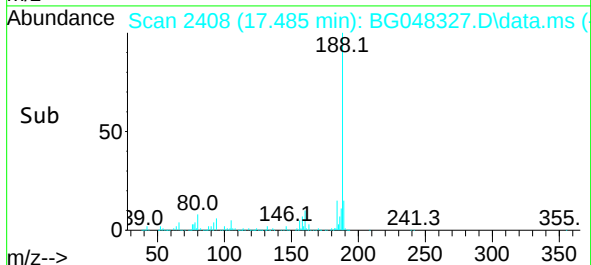
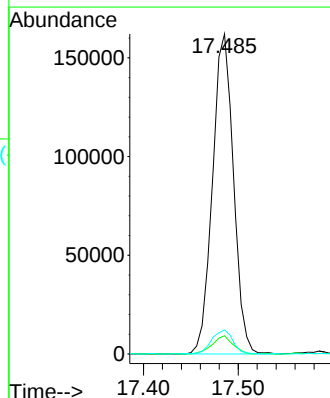
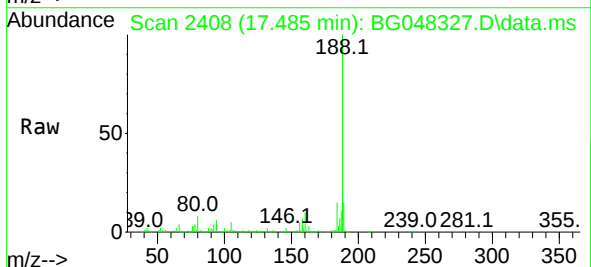
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BNA_G
ClientSampleId :
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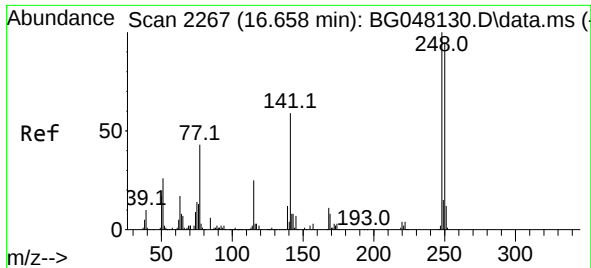
Tgt Ion:165 Resp: 13686
Ion Ratio Lower Upper
165 100
63 3.0 26.4 39.6#
89 3.4 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.485 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BG048327.D
Acq: 4 Mar 2021 14:01

Tgt Ion:188 Resp: 248828
Ion Ratio Lower Upper
188 100
94 5.7 6.3 9.5#
80 7.5 7.0 10.6

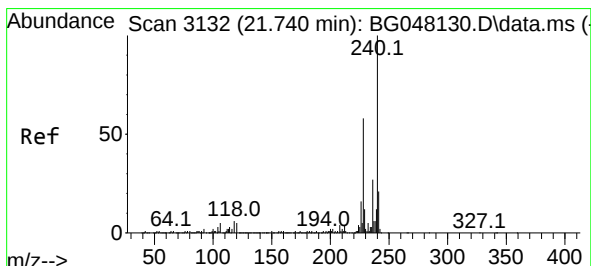
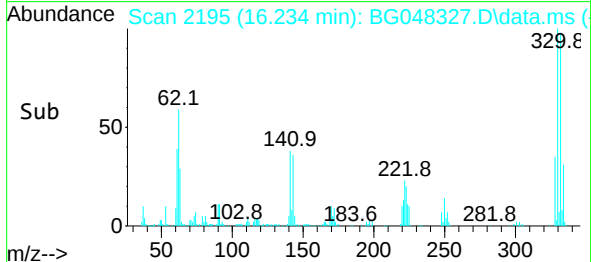
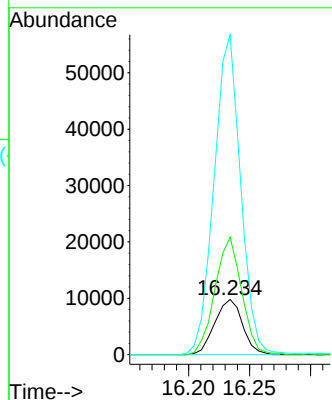
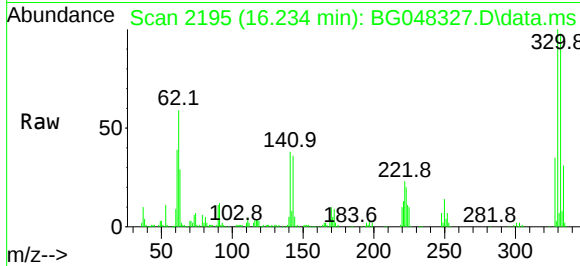




#67
4-Bromophenyl-phenylether
Concen: 4.86 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.435 min
Lab File: BG048327.D
Acq: 4 Mar 2021 14:01

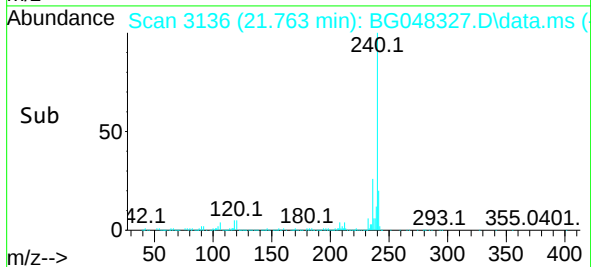
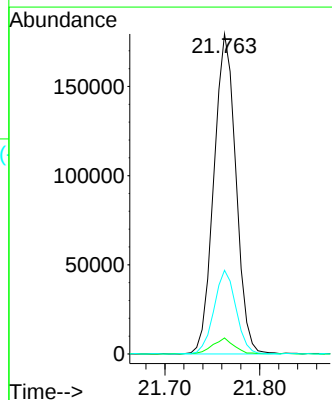
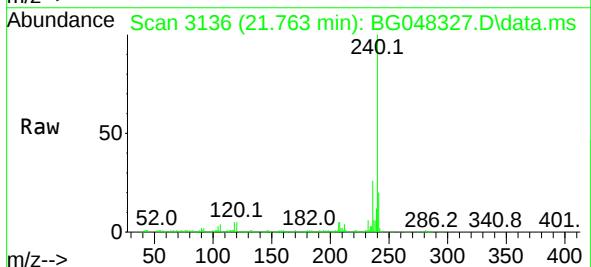
Instrument :
BNA_G
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MH-5

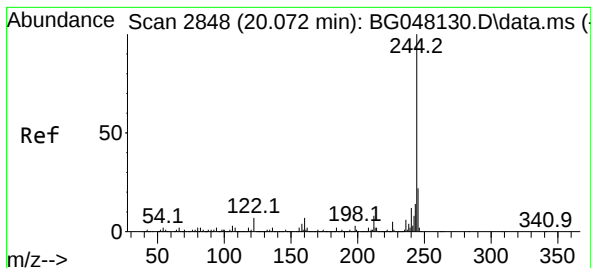
Tgt Ion:248 Resp: 15497
Ion Ratio Lower Upper
248 100
250 212.9 78.9 118.3#
141 580.1 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.763 min Scan# 3136
Delta R.T. -0.006 min
Lab File: BG048327.D
Acq: 4 Mar 2021 14:01

Tgt Ion:240 Resp: 290056
Ion Ratio Lower Upper
240 100
120 5.0 6.2 9.4#
236 26.2 20.5 30.7





#79

Terphenyl-d14

Concen: 75.31 ng

RT: 20.082 min Scan# 2850

Delta R.T. 0.000 min

Lab File: BG048327.D

Acq: 4 Mar 2021 14:01

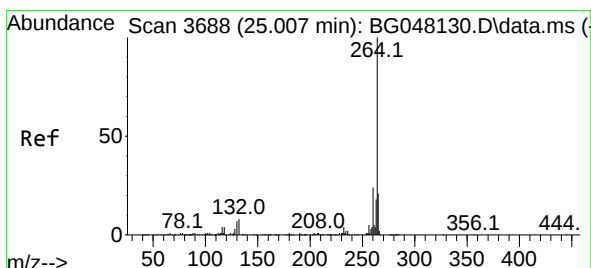
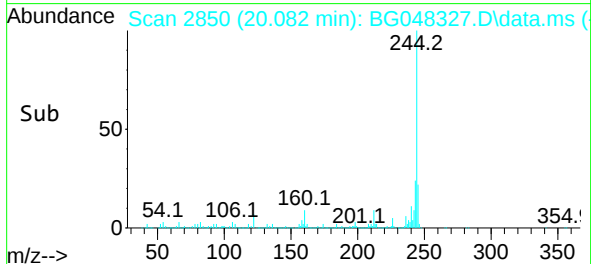
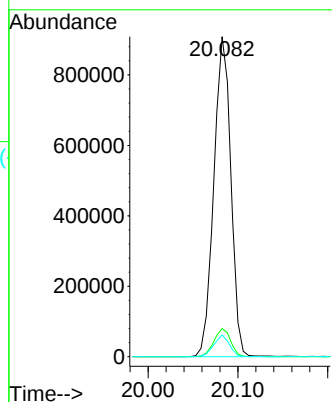
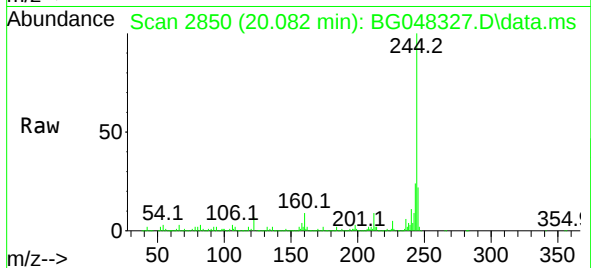
Tgt Ion:244 Resp: 1195378

Ion Ratio Lower Upper

244 100

212 8.8 6.7 10.1

122 6.8 7.8 11.6#



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.059 min Scan# 3697

Delta R.T. -0.006 min

Lab File: BG048327.D

Acq: 4 Mar 2021 14:01

Tgt Ion:264 Resp: 289211

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 21.9 17.8 26.8

