

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081721\
 Data File : BG049872.D
 Acq On : 17 Aug 2021 10:55
 Operator : CG/JU
 Sample : PB138424BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB138424BL

Quant Time: Aug 17 11:50:02 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 16 18:23:02 2021
 Response via : Initial Calibration

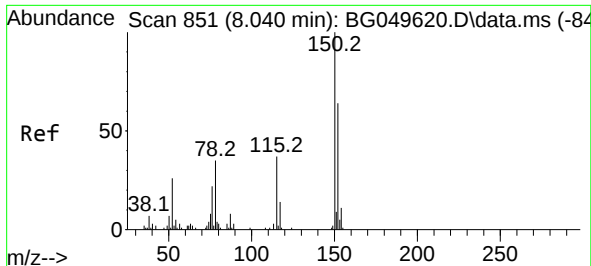
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	24739	20.000	ng	0.00
21) Naphthalene-d8	10.848	136	105330	20.000	ng	# 0.00
39) Acenaphthene-d10	14.684	164	77423	20.000	ng	0.00
64) Phenanthrene-d10	17.433	188	175823	20.000	ng	# 0.00
76) Chrysene-d12	21.716	240	152466	20.000	ng	0.00
86) Perylene-d12	24.988	264	154843	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.579	112	182343	132.127	ng	0.00
7) Phenol-d6	7.194	99	258277	123.634	ng	0.00
23) Nitrobenzene-d5	9.197	82	191247	80.347	ng	0.00
42) 2,4,6-Tribromophenol	16.176	330	154548	135.805	ng	0.00
45) 2-Fluorobiphenyl	13.298	172	427544	80.352	ng	0.00
79) Terphenyl-d14	20.042	244	768859	91.588	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.197	70	28215	20.183	ng	# 67
51) 2,6-Dinitrotoluene	14.678	165	9507	7.392	ng	# 12
57) 2,4-Dinitrotoluene	14.678	165	9507	5.263	ng	# 17
67) 4-Bromophenyl-phenylether	16.170	248	8649	4.177	ng	# 1
77) Benzidine	20.042	184	15138	3.875	ng	# 90

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

Quant Time: Aug 17 11:50:02 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 16 18:23:02 2021
Response via : Initial Calibration

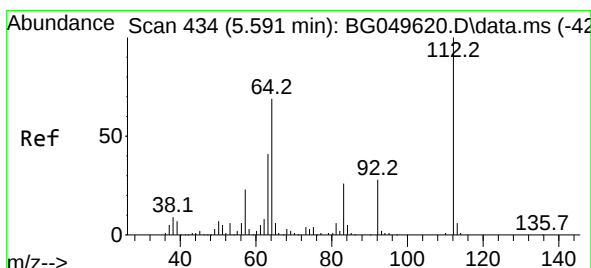
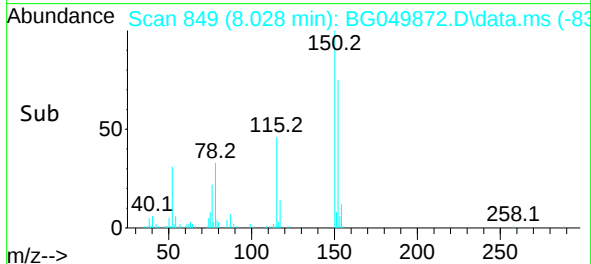
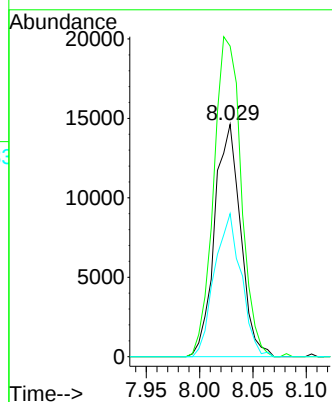
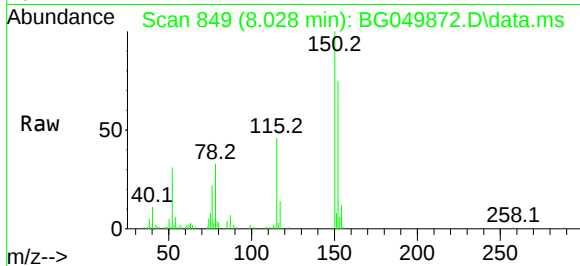




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.028 min Scan# 849
Delta R.T. 0.000 min
Lab File: BG049872.D
Acq: 17 Aug 2021 10:55

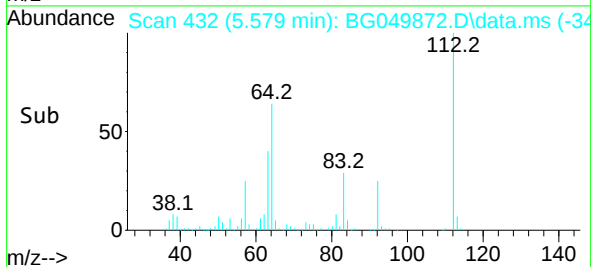
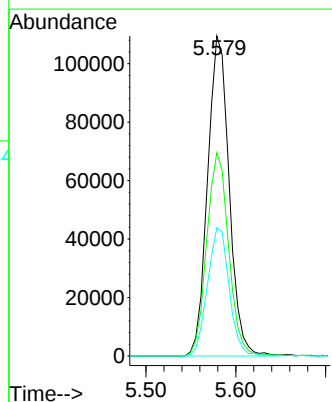
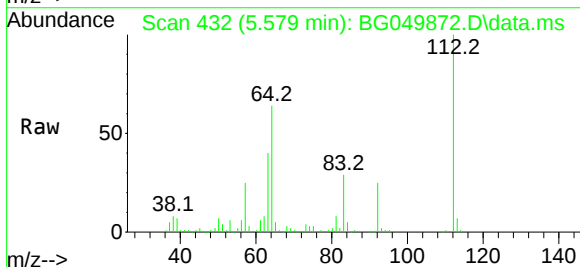
Instrument :
BNA_G
ClientSampleId :
PB138424BL

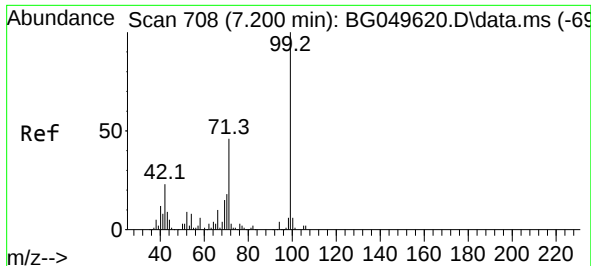
Tgt Ion:152 Resp: 24739
Ion Ratio Lower Upper
152 100
150 133.7 119.4 179.0
115 61.6 60.2 90.4



#5
2-Fluorophenol
Concen: 132.127 ng
RT: 5.579 min Scan# 432
Delta R.T. 0.001 min
Lab File: BG049872.D
Acq: 17 Aug 2021 10:55

Tgt Ion:112 Resp: 182343
Ion Ratio Lower Upper
112 100
64 63.5 46.7 70.1
63 40.1 35.3 52.9

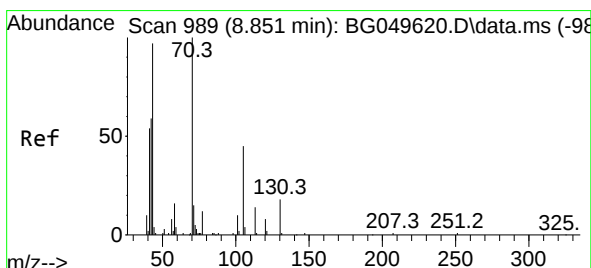
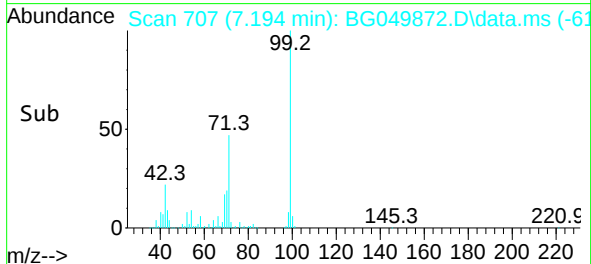
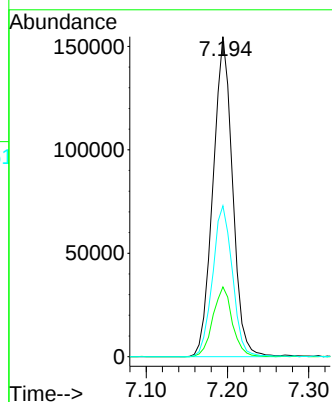
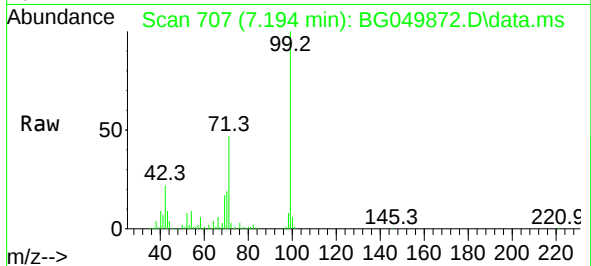




#7
Phenol-d6
Concen: 123.634 ng
RT: 7.194 min Scan# 707
Delta R.T. 0.001 min
Lab File: BG049872.D
Acq: 17 Aug 2021 10:55

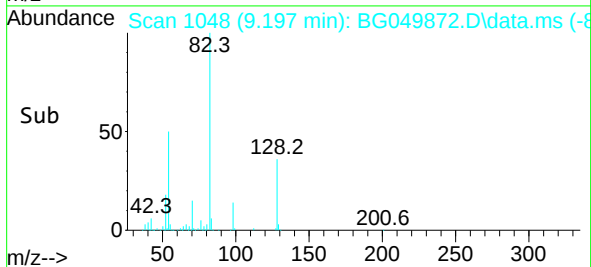
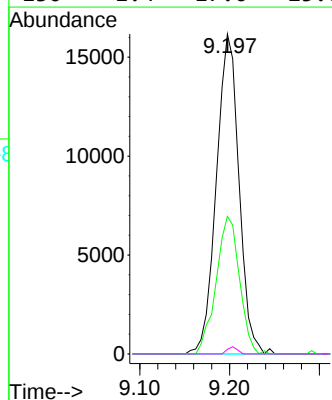
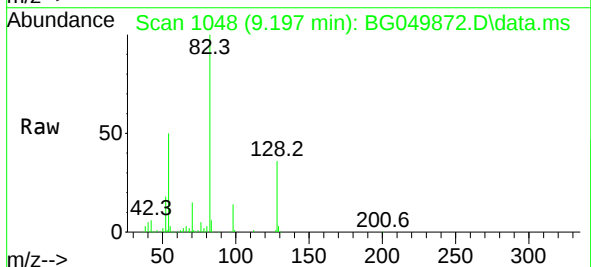
Instrument :
BNA_G
ClientSampleId :
PB138424BL

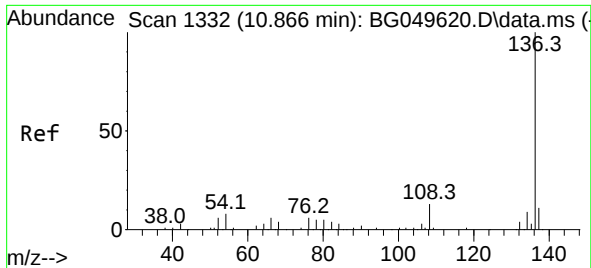
Tgt Ion: 99 Resp: 258277
Ion Ratio Lower Upper
99 100
42 21.8 20.5 30.7
71 47.2 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 20.183 ng
RT: 9.197 min Scan# 1048
Delta R.T. 0.359 min
Lab File: BG049872.D
Acq: 17 Aug 2021 10:55

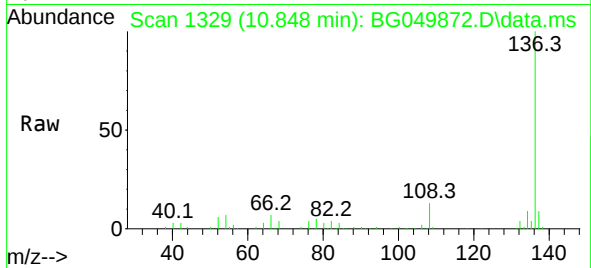
Tgt Ion: 70 Resp: 28215
Ion Ratio Lower Upper
70 100
42 43.0 54.5 81.7#
101 0.0 9.0 13.6#
130 1.4 17.0 25.6#



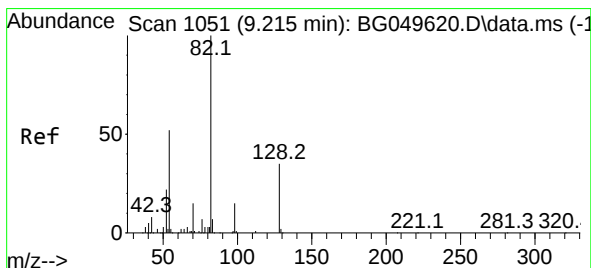
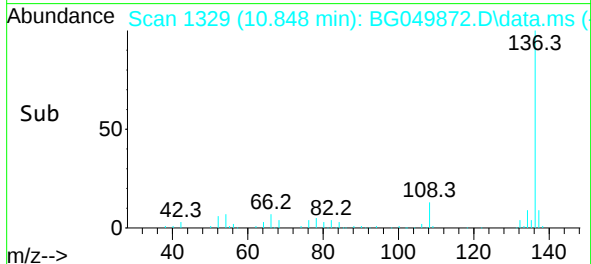
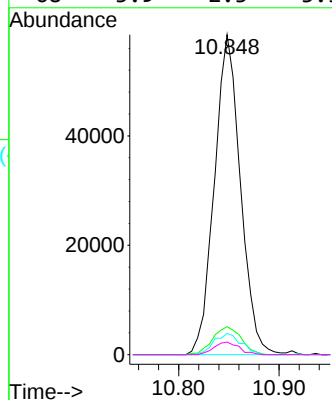


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.848 min Scan# 1329
Delta R.T. 0.001 min
Lab File: BG049872.D
Acq: 17 Aug 2021 10:55

Instrument :
BNA_G
ClientSampleId :
PB138424BL

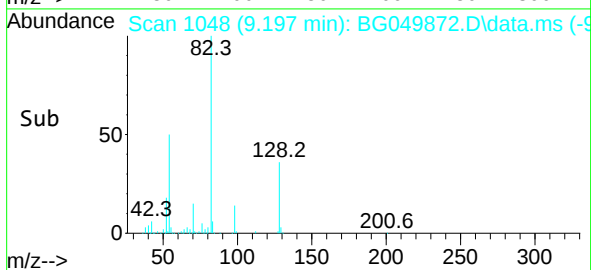
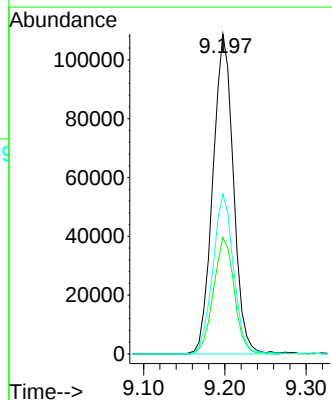
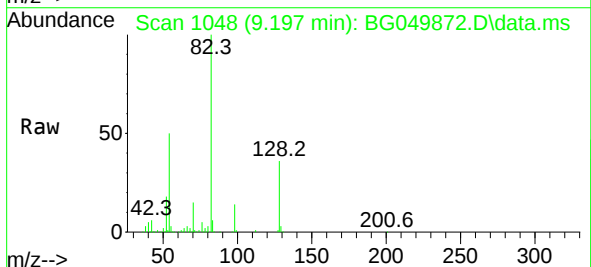


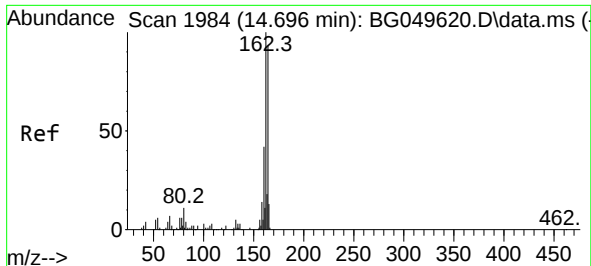
Tgt Ion:136 Resp: 105330
Ion Ratio Lower Upper
136 100
137 8.8 8.2 12.2
54 6.7 5.5 8.3
68 3.9 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 80.347 ng
RT: 9.197 min Scan# 1048
Delta R.T. 0.001 min
Lab File: BG049872.D
Acq: 17 Aug 2021 10:55

Tgt Ion: 82 Resp: 191247
Ion Ratio Lower Upper
82 100
128 36.4 29.8 44.6
54 50.0 45.8 68.8

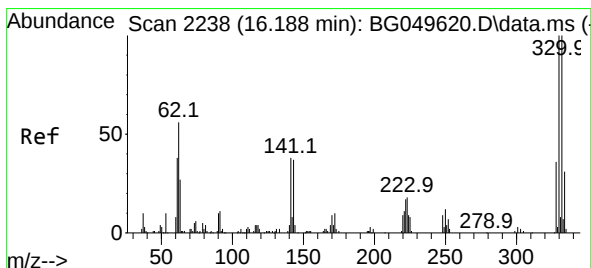
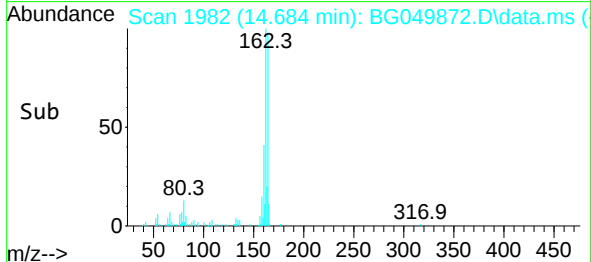
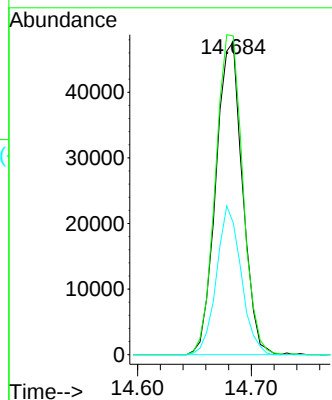
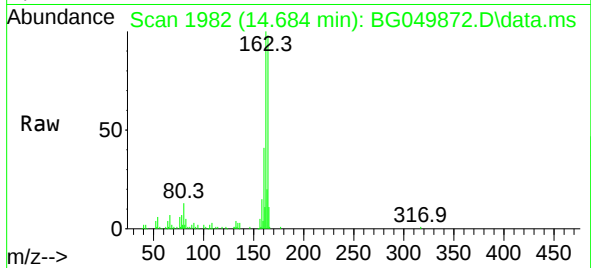




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.684 min Scan# 1982
Delta R.T. 0.001 min
Lab File: BG049872.D
Acq: 17 Aug 2021 10:55

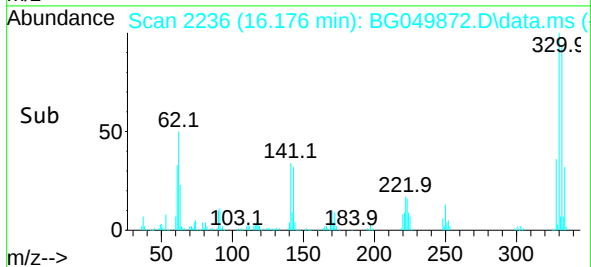
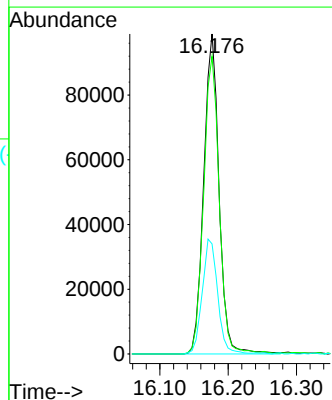
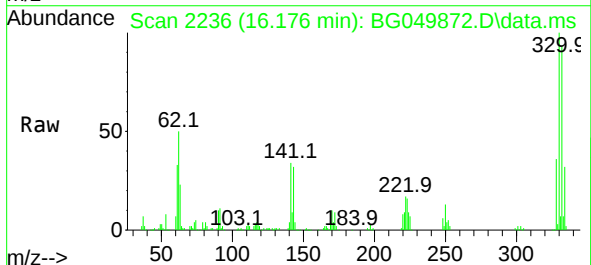
Instrument :
BNA_G
ClientSampleId :
PB138424BL

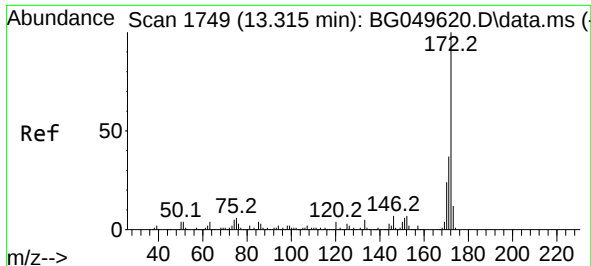
Tgt Ion:164 Resp: 77423
Ion Ratio Lower Upper
164 100
162 101.9 81.4 122.0
160 42.1 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 135.805 ng
RT: 16.176 min Scan# 2236
Delta R.T. 0.001 min
Lab File: BG049872.D
Acq: 17 Aug 2021 10:55

Tgt Ion:330 Resp: 154548
Ion Ratio Lower Upper
330 100
332 95.0 77.3 115.9
141 36.1 35.6 53.4

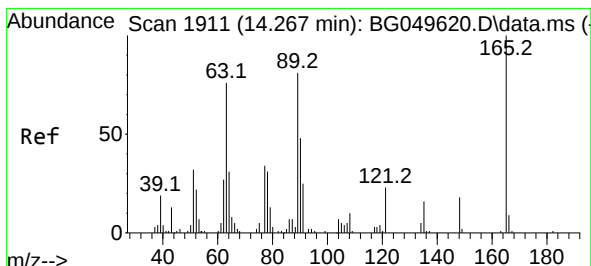
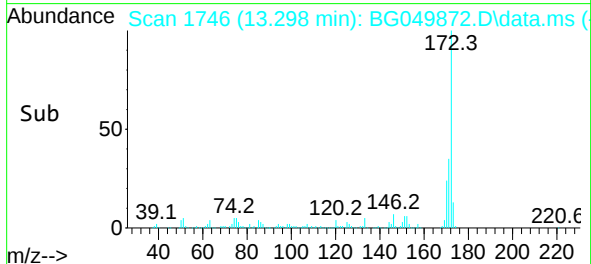
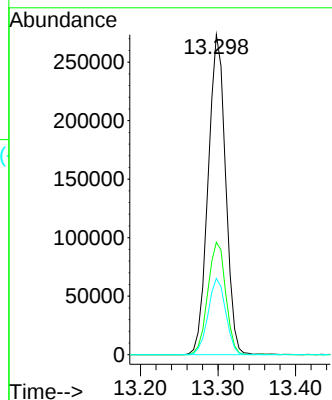
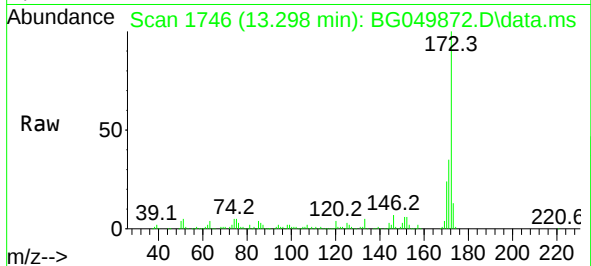




#45
2-Fluorobiphenyl
Concen: 80.352 ng
RT: 13.298 min Scan# 1746
Delta R.T. -0.005 min
Lab File: BG049872.D
Acq: 17 Aug 2021 10:55

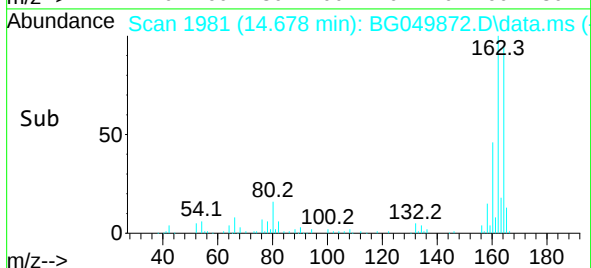
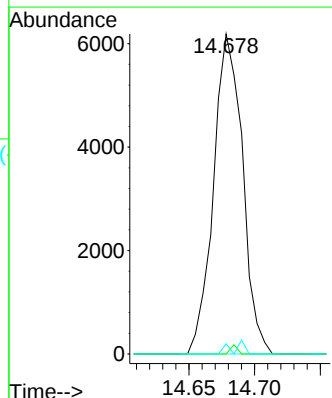
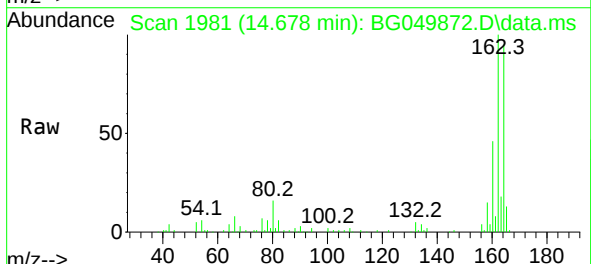
Instrument :
BNA_G
ClientSampleId :
PB138424BL

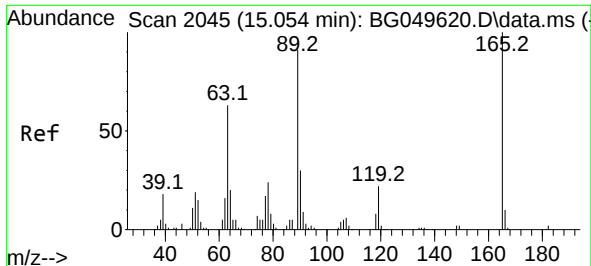
Tgt Ion:172 Resp: 427544
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.9 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.392 ng
RT: 14.678 min Scan# 1981
Delta R.T. 0.424 min
Lab File: BG049872.D
Acq: 17 Aug 2021 10:55

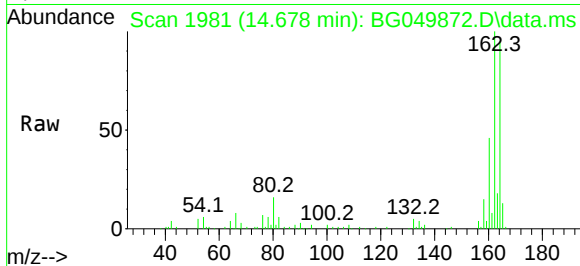
Tgt Ion:165 Resp: 9507
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 3.2 63.4 95.0#



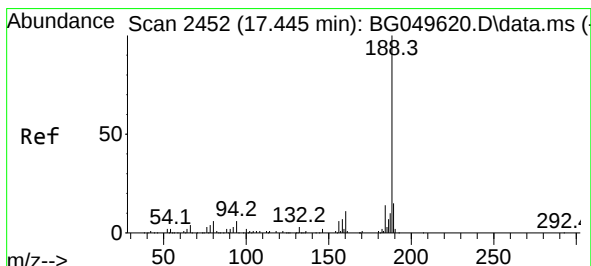
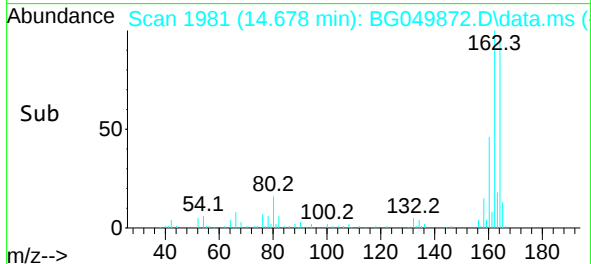
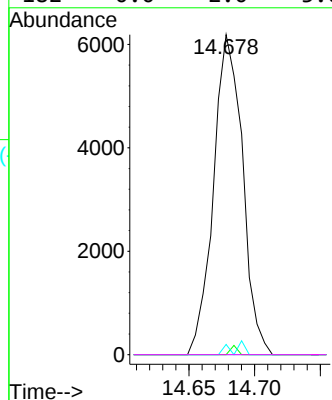


#57
2,4-Dinitrotoluene
Concen: 5.263 ng
RT: 14.678 min Scan# 1981
Delta R.T. -0.370 min
Lab File: BG049872.D
Acq: 17 Aug 2021 10:55

Instrument :
BNA_G
ClientSampleId :
PB138424BL

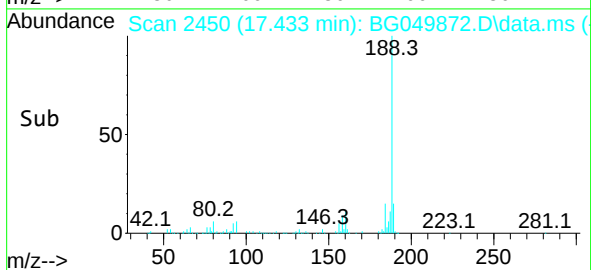
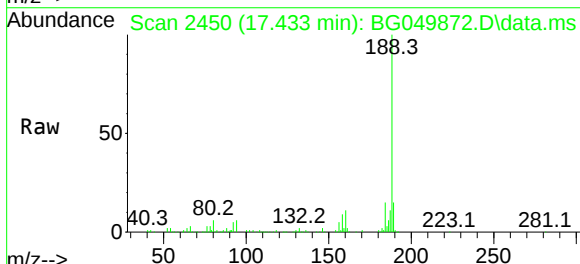
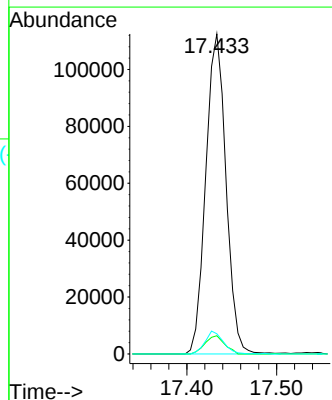


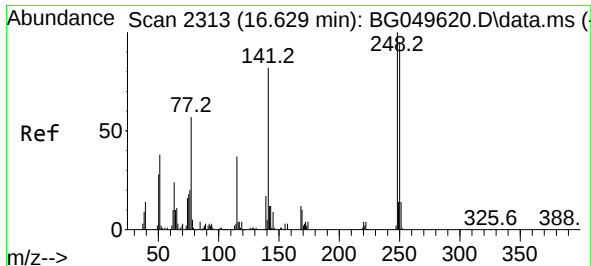
Tgt Ion:165	Resp:	9507
Ion	Ratio	Lower Upper
165	100	
63	0.0	48.0 72.0#
89	3.2	65.4 98.0#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.433 min Scan# 2450
Delta R.T. -0.005 min
Lab File: BG049872.D
Acq: 17 Aug 2021 10:55

Tgt Ion:188	Resp:	175823
Ion	Ratio	Lower Upper
188	100	
94	5.7	5.4 8.0
80	6.3	3.7 5.5#

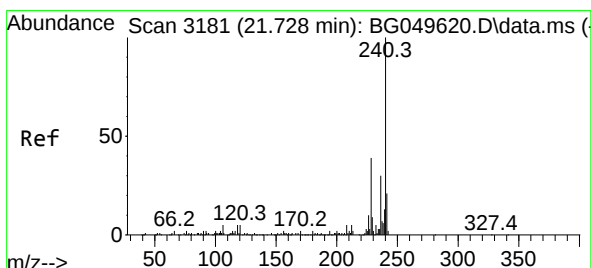
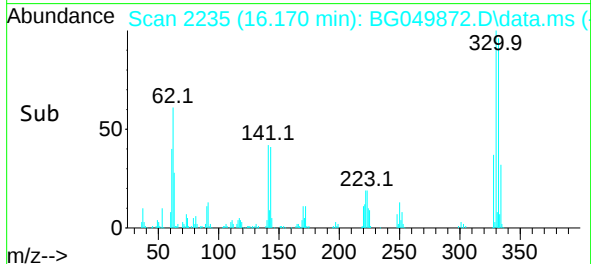
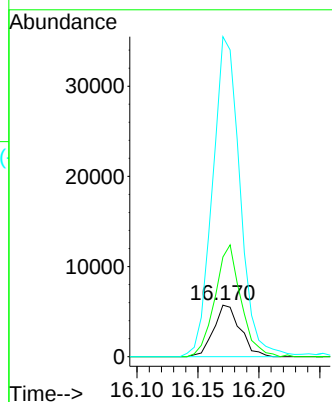
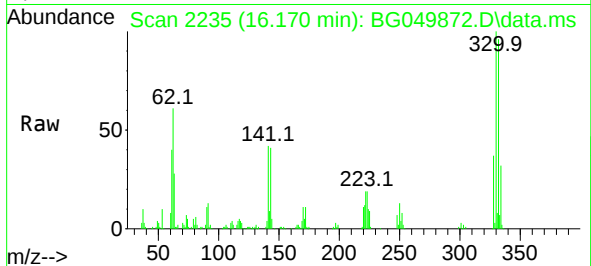




#67
4-Bromophenyl-phenylether
Concen: 4.177 ng
RT: 16.170 min Scan# 2235
Delta R.T. -0.446 min
Lab File: BG049872.D
Acq: 17 Aug 2021 10:55

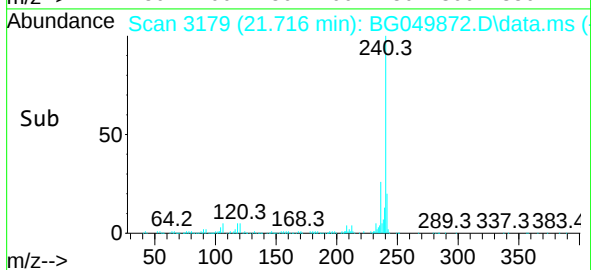
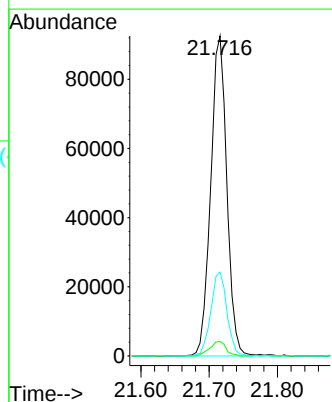
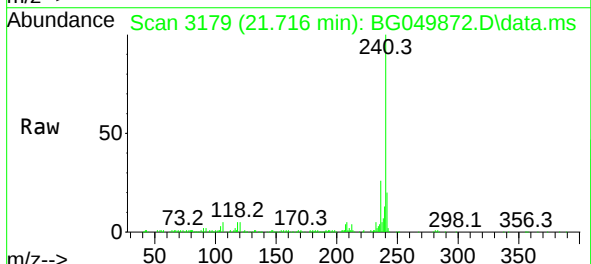
Instrument :
BNA_G
ClientSampleId :
PB138424BL

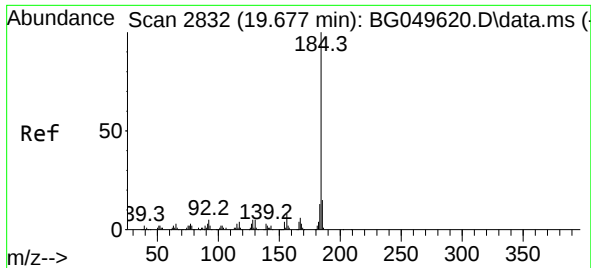
Tgt Ion:248 Resp: 8649
Ion Ratio Lower Upper
248 100
250 193.7 76.1 114.1#
141 621.8 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.716 min Scan# 3179
Delta R.T. -0.005 min
Lab File: BG049872.D
Acq: 17 Aug 2021 10:55

Tgt Ion:240 Resp: 152466
Ion Ratio Lower Upper
240 100
120 4.5 4.2 6.2
236 26.2 21.8 32.6

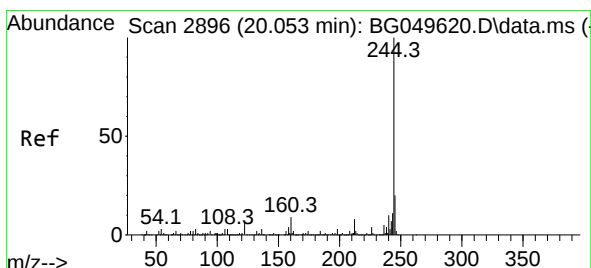
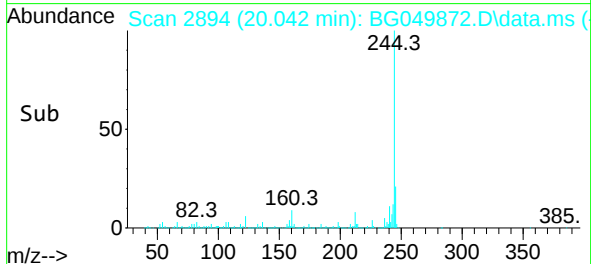
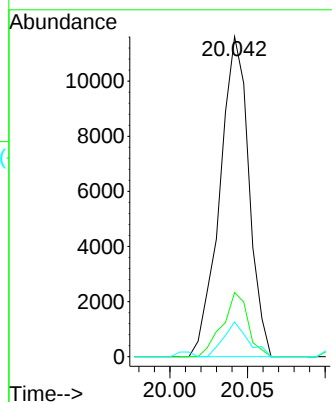
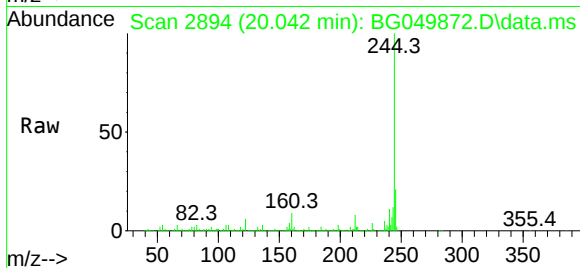




#77
Benzidine
Concen: 3.875 ng
RT: 20.042 min Scan# 2894
Delta R.T. 0.377 min
Lab File: BG049872.D
Acq: 17 Aug 2021 10:55

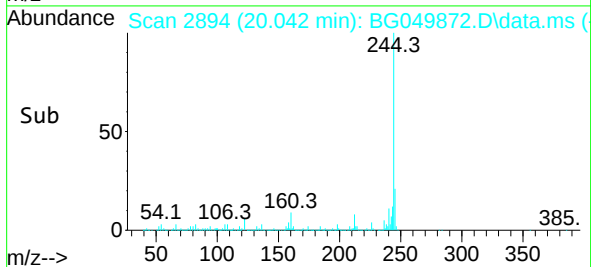
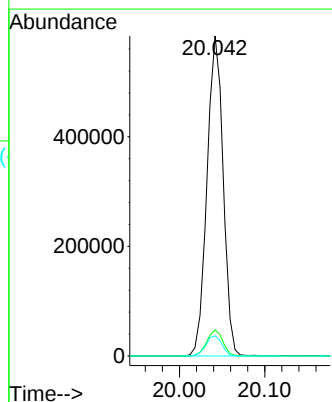
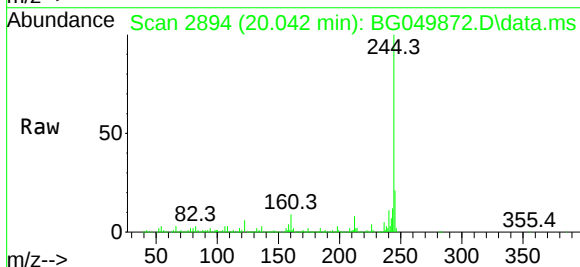
Instrument :
BNA_G
ClientSampleId :
PB138424BL

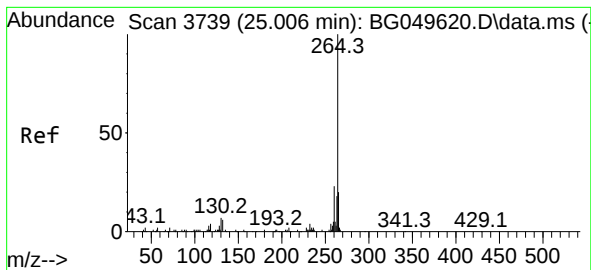
Tgt Ion:184 Resp: 15138
Ion Ratio Lower Upper
184 100
185 20.0 10.7 16.1#
183 10.8 9.4 14.0



#79
Terphenyl-d14
Concen: 91.588 ng
RT: 20.042 min Scan# 2894
Delta R.T. -0.005 min
Lab File: BG049872.D
Acq: 17 Aug 2021 10:55

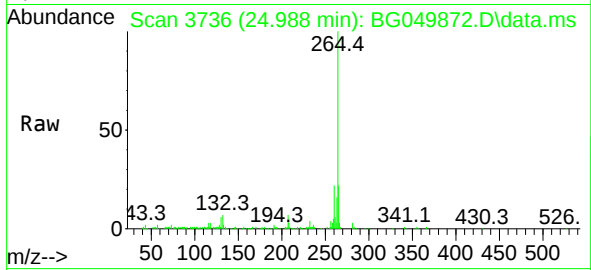
Tgt Ion:244 Resp: 768859
Ion Ratio Lower Upper
244 100
212 8.2 6.9 10.3
122 6.3 5.0 7.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.988 min Scan# 3736
 Delta R.T. 0.001 min
 Lab File: BG049872.D
 Acq: 17 Aug 2021 10:55

Instrument :
 BNA_G
 ClientSampleId :
 PB138424BL



Tgt Ion:	264	Resp:	154843
Ion Ratio	100	Lower	Upper
264	100		
260	22.0	19.4	29.2
265	22.4	16.9	25.3

