

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060722\
 Data File : BG053837.D
 Acq On : 7 Jun 2022 12:54
 Operator : CG/JU
 Sample : PB145347BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145347BL

Quant Time: Jun 08 02:50:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 23:22:27 2022
 Response via : Initial Calibration

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

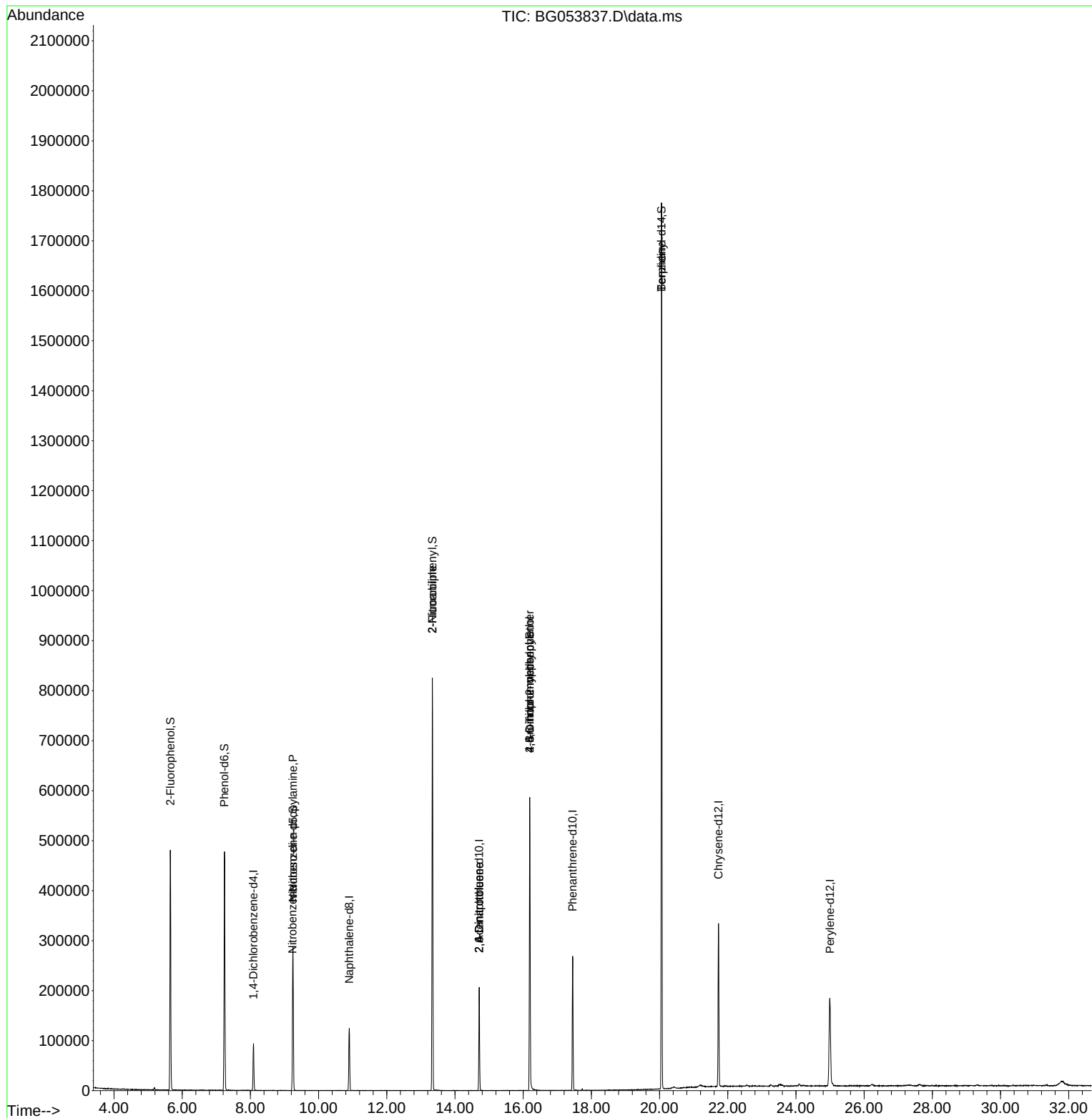
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.091	152	28406	20.000	ng	0.00
21) Naphthalene-d8	10.899	136	116152	20.000	ng	0.00
39) Acenaphthene-d10	14.712	164	79216	20.000	ng	0.00
64) Phenanthrene-d10	17.450	188	198202	20.000	ng	0.00
76) Chrysene-d12	21.728	240	225545	20.000	ng	0.00
86) Perylene-d12	24.994	264	223551	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.652	112	223663	144.591	ng	0.00
7) Phenol-d6	7.239	99	287581	137.244	ng	0.00
23) Nitrobenzene-d5	9.248	82	184102	104.085	ng	0.00
42) 2,4,6-Tribromophenol	16.193	330	142399	148.090	ng	0.00
45) 2-Fluorobiphenyl	13.337	172	477401	90.158	ng	0.00
79) Terphenyl-d14	20.059	244	992929	87.581	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.248	70	24390	16.434	ng	# 85
24) Nitrobenzene	9.236	77	601	3.258	ng	# 48
48) 2-Nitroaniline	13.337	65	658	5.568	ng	# 14
51) 2,6-Dinitrotoluene	14.706	165	10472	13.254	ng	# 16
57) 2,4-Dinitrotoluene	14.706	165	10472	11.105	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.193	198	112	5.733	ng	# 1
67) 4-Bromophenyl-phenylether	16.193	248	8746	4.061	ng	# 1
77) Benzidine	20.059	184	12962	2.350	ng	# 90

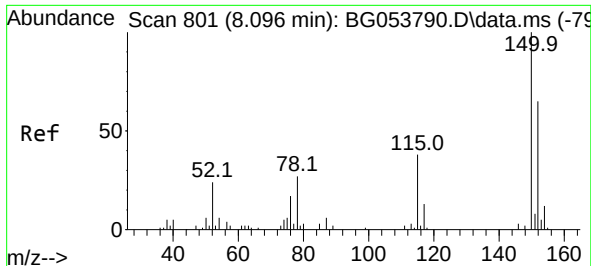
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060722\
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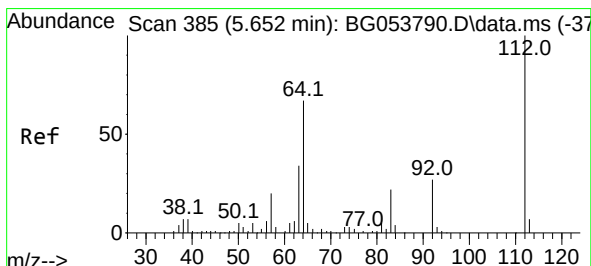
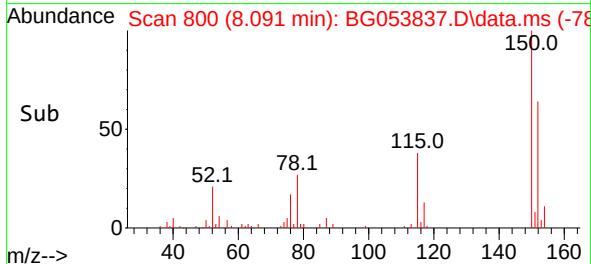
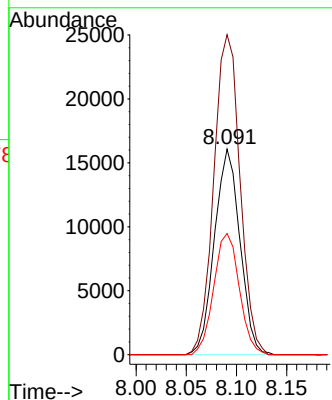
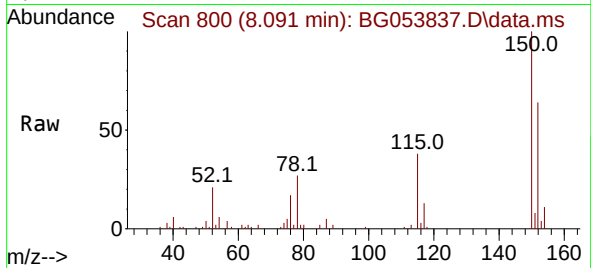




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.091 min Scan# 801
Delta R.T. -0.005 min
Lab File: BG053837.D
Acq: 7 Jun 2022 12:54

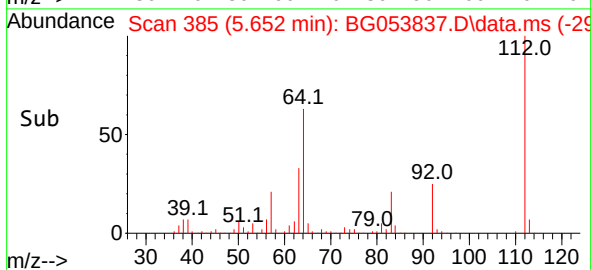
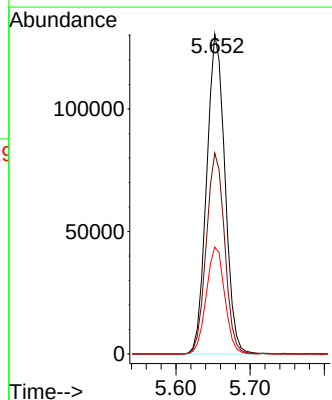
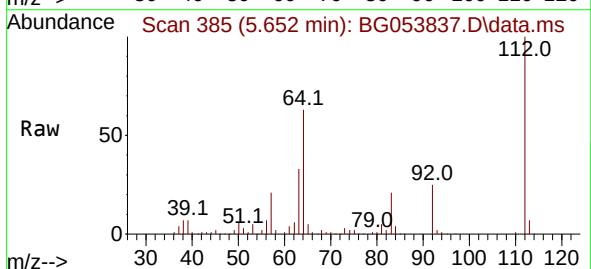
Instrument :
BNA_G
ClientSampleId :
PB145347BL

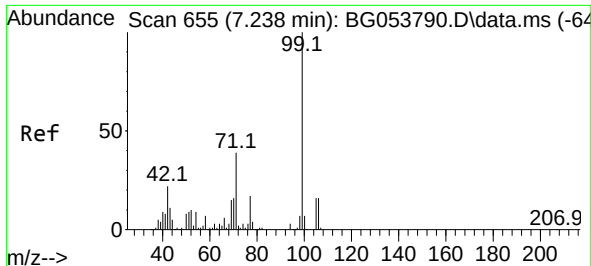
Tgt Ion:152 Resp: 28406
Ion Ratio Lower Upper
152 100
150 155.7 131.6 197.4
115 58.9 50.9 76.3



#5
2-Fluorophenol
Concen: 144.591 ng
RT: 5.652 min Scan# 385
Delta R.T. 0.000 min
Lab File: BG053837.D
Acq: 7 Jun 2022 12:54

Tgt Ion:112 Resp: 223663
Ion Ratio Lower Upper
112 100
64 62.8 55.1 82.7
63 33.4 30.4 45.6

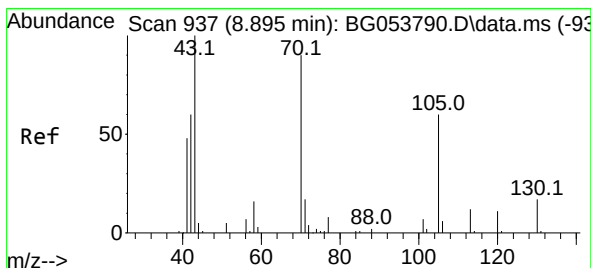
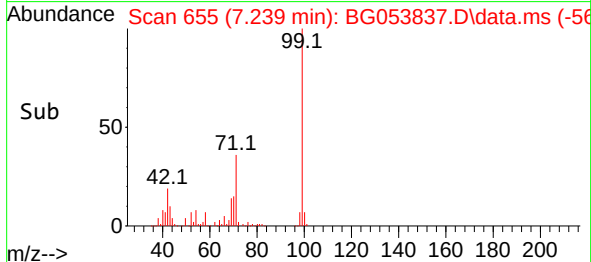
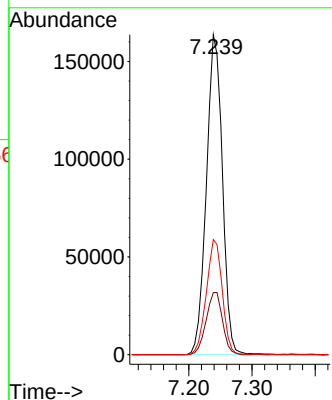
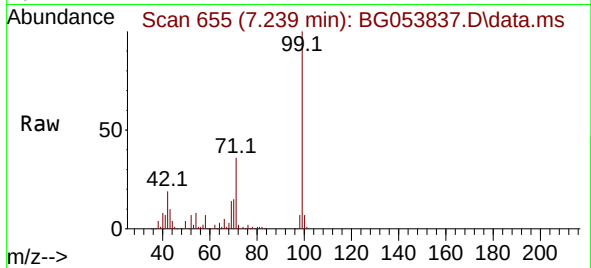




#7
Phenol-d6
Concen: 137.244 ng
RT: 7.239 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG053837.D
Acq: 7 Jun 2022 12:54

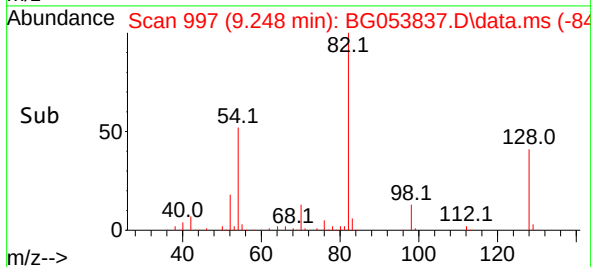
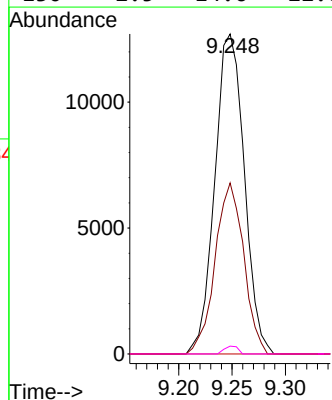
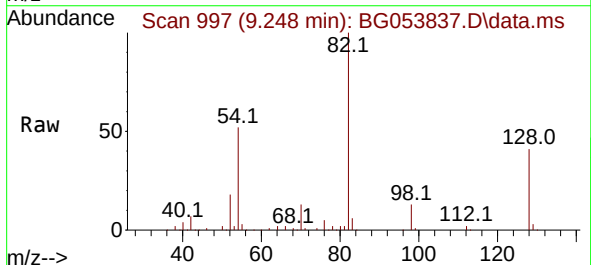
Instrument :
BNA_G
ClientSampleId :
PB145347BL

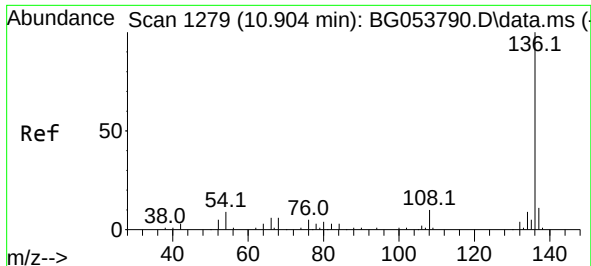
Tgt Ion: 99 Resp: 287581
Ion Ratio Lower Upper
99 100
42 19.4 17.0 25.6
71 35.9 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.434 ng
RT: 9.248 min Scan# 997
Delta R.T. 0.353 min
Lab File: BG053837.D
Acq: 7 Jun 2022 12:54

Tgt Ion: 70 Resp: 24390
Ion Ratio Lower Upper
70 100
42 53.5 47.3 70.9
101 0.0 7.0 10.4#
130 2.5 14.6 22.0#

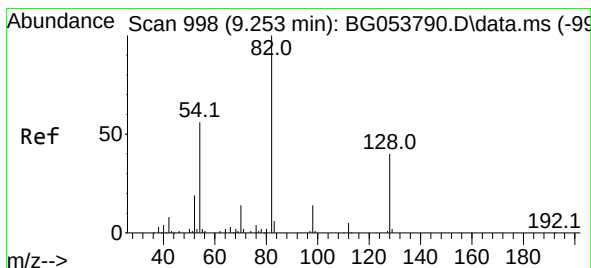
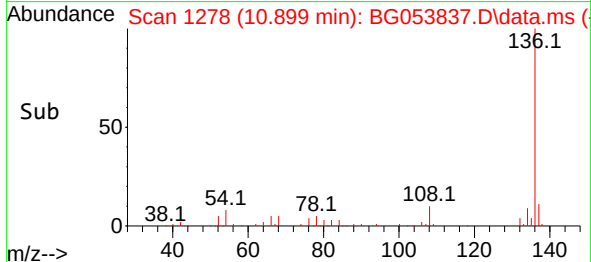
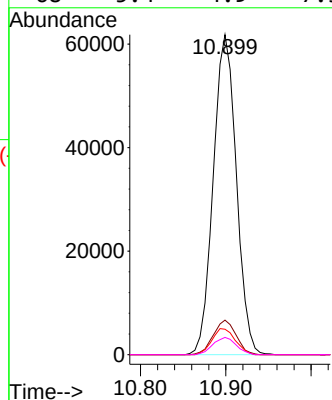
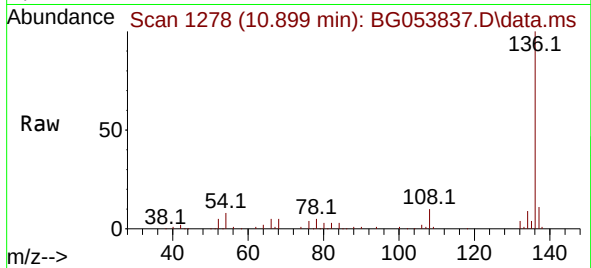




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.899 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG053837.D
Acq: 7 Jun 2022 12:54

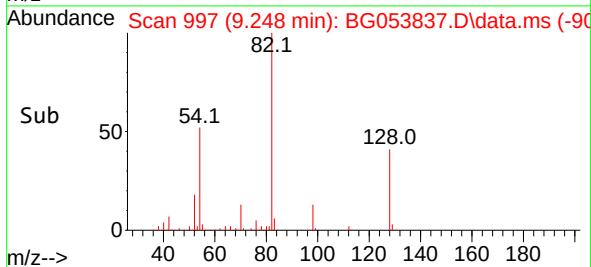
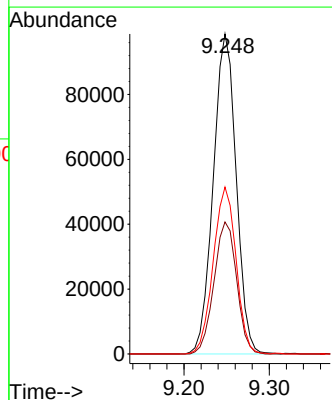
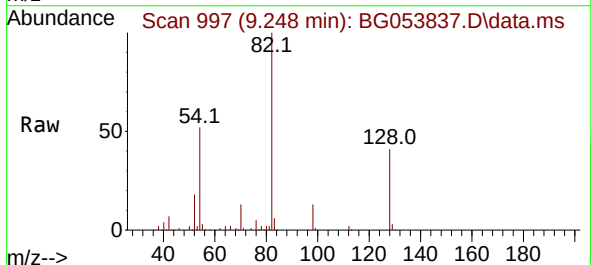
Instrument :
BNA_G
ClientSampleId :
PB145347BL

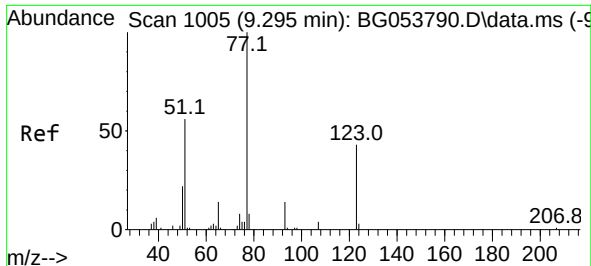
Tgt Ion:	136	Resp:	116152
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.5	12.7
54	7.9	7.4	11.2
68	5.4	4.9	7.3



#23
Nitrobenzene-d5
Concen: 104.085 ng
RT: 9.248 min Scan# 997
Delta R.T. -0.005 min
Lab File: BG053837.D
Acq: 7 Jun 2022 12:54

Tgt Ion:	82	Resp:	184102
Ion Ratio	Lower	Upper	
82	100		
128	41.2	27.9	41.9
54	52.1	41.2	61.8

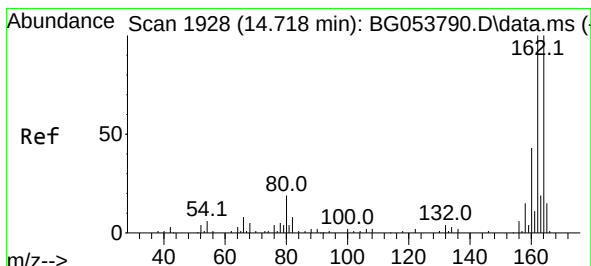
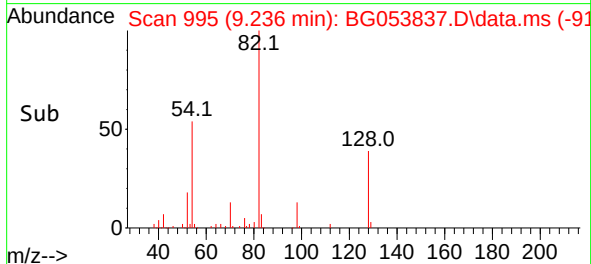
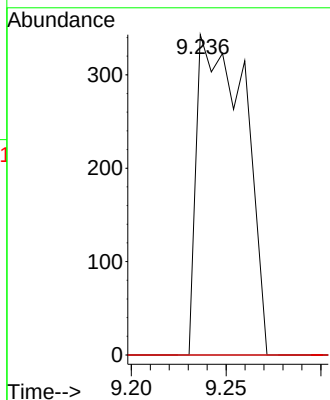
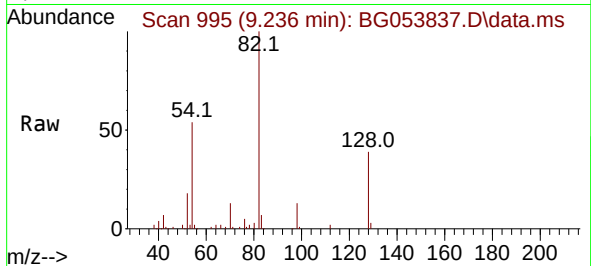




#24
Nitrobenzene
Concen: 3.258 ng
RT: 9.236 min Scan# 91
Delta R.T. -0.059 min
Lab File: BG053837.D
Acq: 7 Jun 2022 12:54

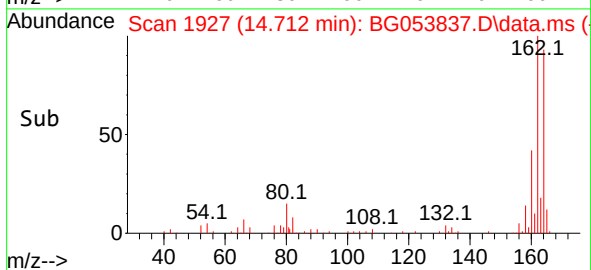
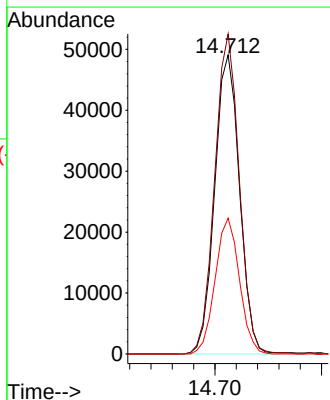
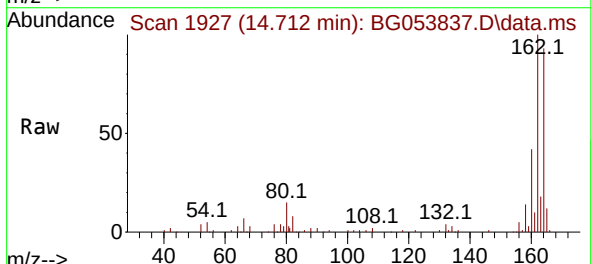
Instrument :
BNA_G
ClientSampleId :
PB145347BL

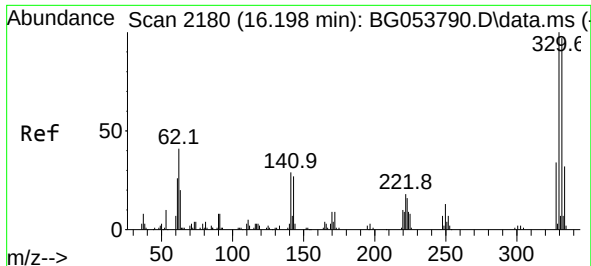
Tgt Ion: 77 Resp: 601
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.712 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BG053837.D
Acq: 7 Jun 2022 12:54

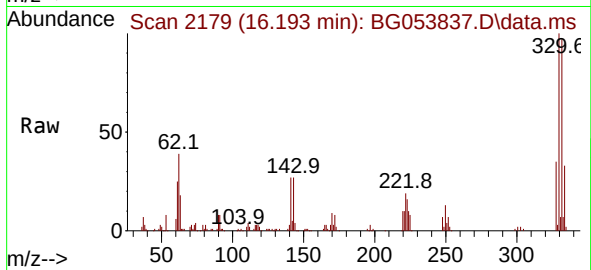
Tgt Ion: 164 Resp: 79216
Ion Ratio Lower Upper
164 100
162 107.0 82.3 123.5
160 45.4 34.2 51.2



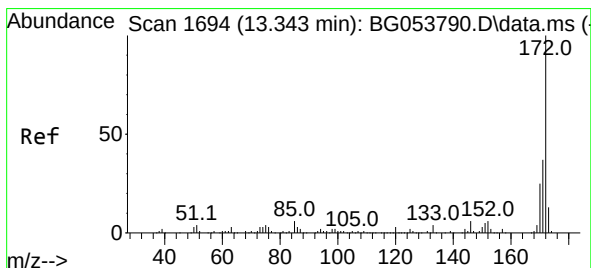
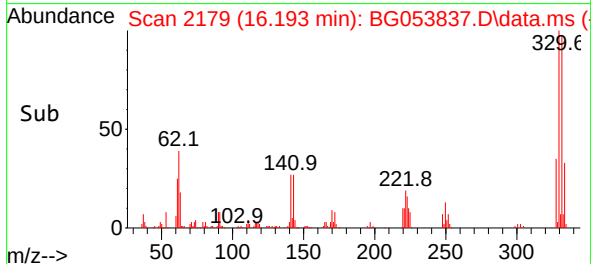
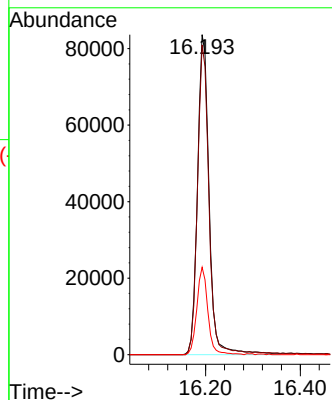


#42
2,4,6-Tribromophenol
Concen: 148.090 ng
RT: 16.193 min Scan# 2180
Delta R.T. -0.005 min
Lab File: BG053837.D
Acq: 7 Jun 2022 12:54

Instrument :
BNA_G
ClientSampleId :
PB145347BL

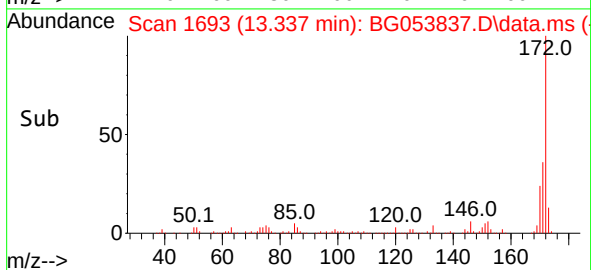
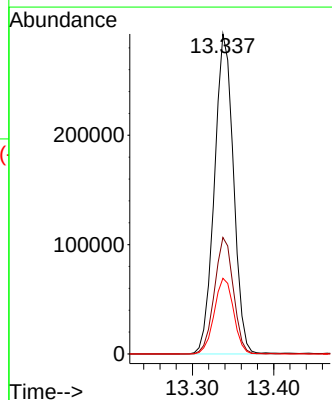
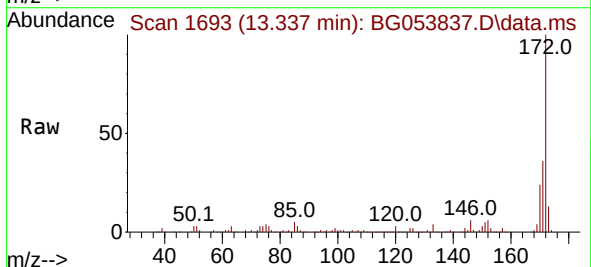


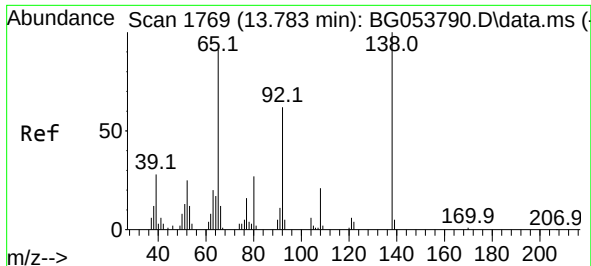
Tgt Ion:330 Resp: 142399
Ion Ratio Lower Upper
330 100
332 96.4 76.0 114.0
141 25.9 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 90.158 ng
RT: 13.337 min Scan# 1693
Delta R.T. -0.006 min
Lab File: BG053837.D
Acq: 7 Jun 2022 12:54

Tgt Ion:172 Resp: 477401
Ion Ratio Lower Upper
172 100
171 36.4 28.5 42.7
170 23.7 18.9 28.3

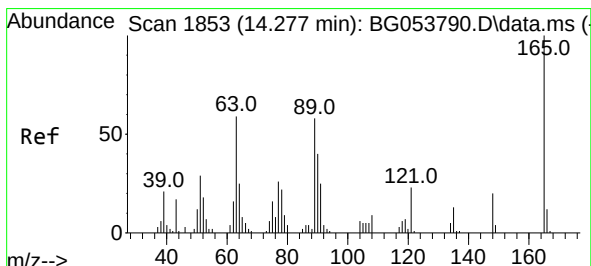
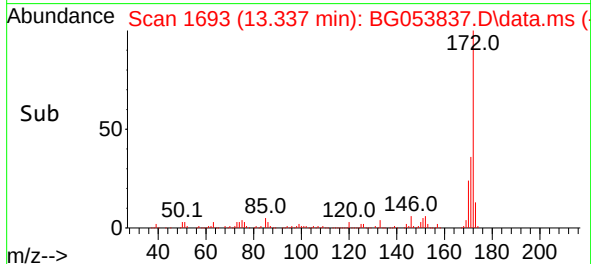
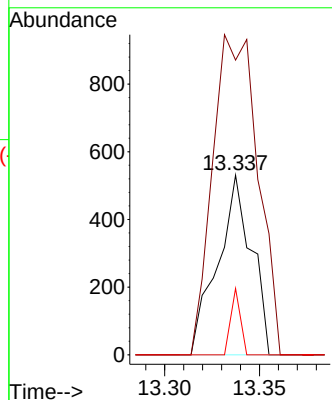
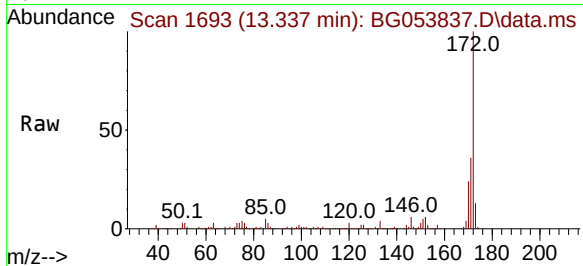




#48
2-Nitroaniline
Concen: 5.568 ng
RT: 13.337 min Scan# 1
Delta R.T. -0.446 min
Lab File: BG053837.D
Acq: 7 Jun 2022 12:54

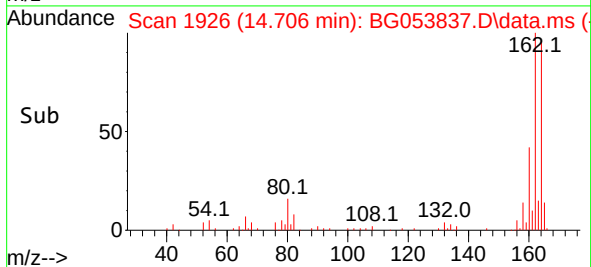
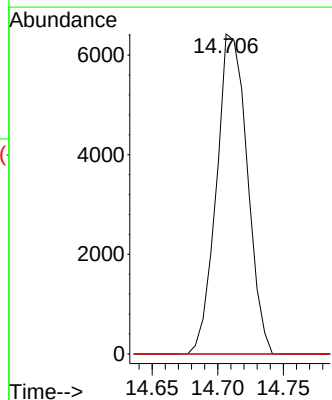
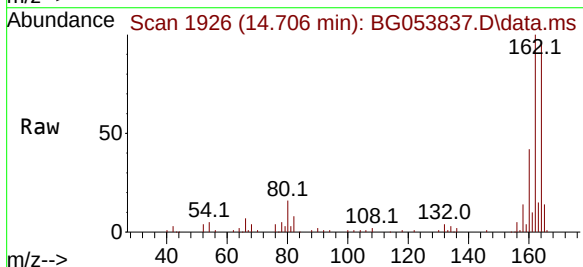
Instrument :
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ClientSampleId :
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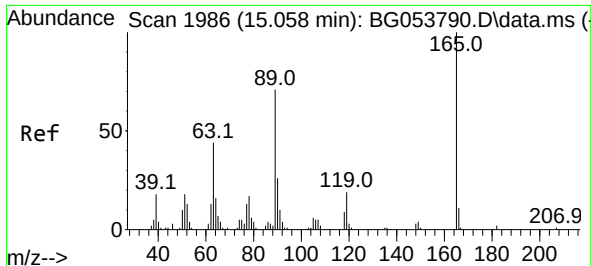
Tgt Ion: 65 Resp: 658
Ion Ratio Lower Upper
65 100
92 164.0 51.5 77.3#
138 36.9 71.3 106.9#



#51
2,6-Dinitrotoluene
Concen: 13.254 ng
RT: 14.706 min Scan# 1926
Delta R.T. 0.429 min
Lab File: BG053837.D
Acq: 7 Jun 2022 12:54

Tgt Ion:165 Resp: 10472
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

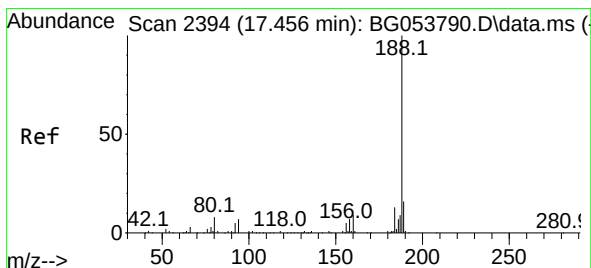
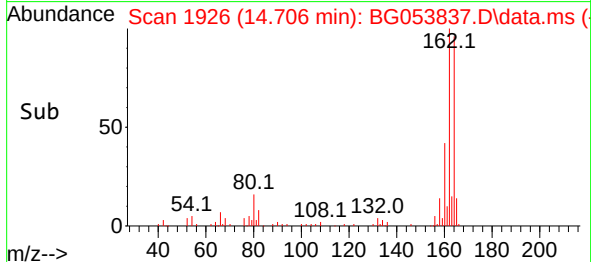
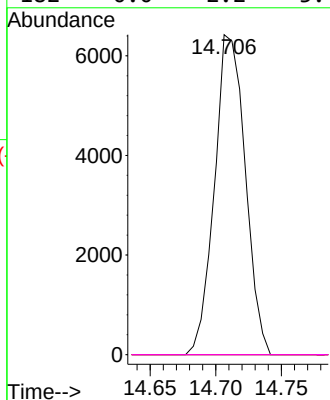
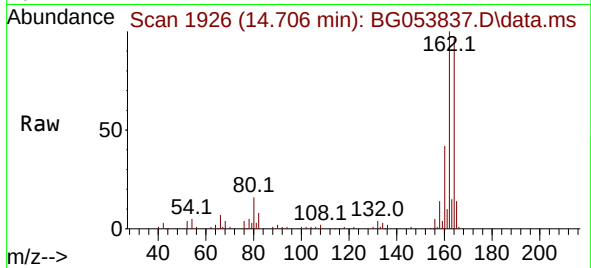




#57
2,4-Dinitrotoluene
Concen: 11.105 ng
RT: 14.706 min Scan# 1986
Delta R.T. -0.352 min
Lab File: BG053837.D
Acq: 7 Jun 2022 12:54

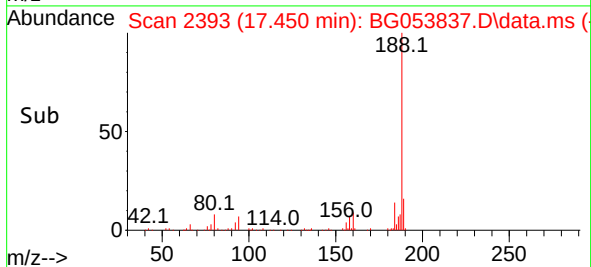
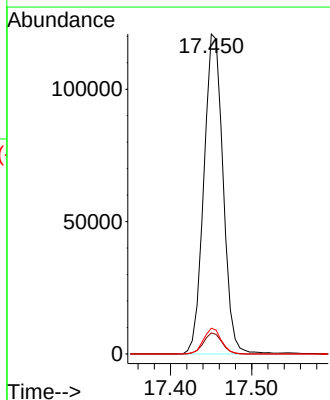
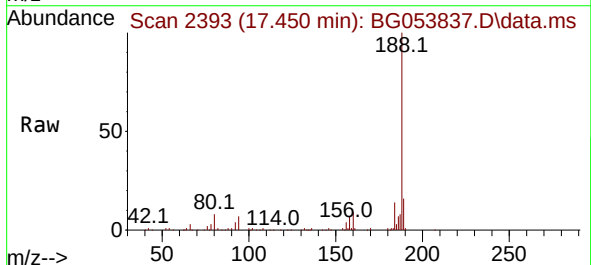
Instrument :
BNA_G
ClientSampleId :
PB145347BL

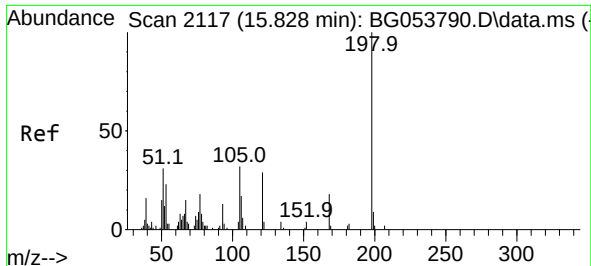
Tgt Ion:165 Resp: 10472
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.450 min Scan# 2393
Delta R.T. -0.006 min
Lab File: BG053837.D
Acq: 7 Jun 2022 12:54

Tgt Ion:188 Resp: 198202
Ion Ratio Lower Upper
188 100
94 6.6 5.4 8.0
80 8.0 6.8 10.2

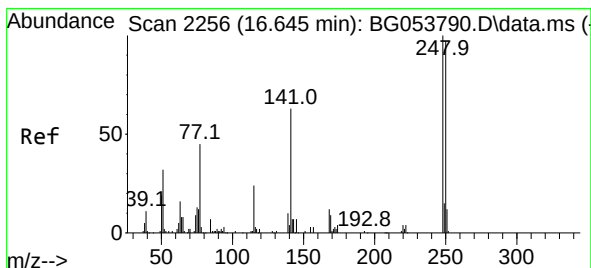
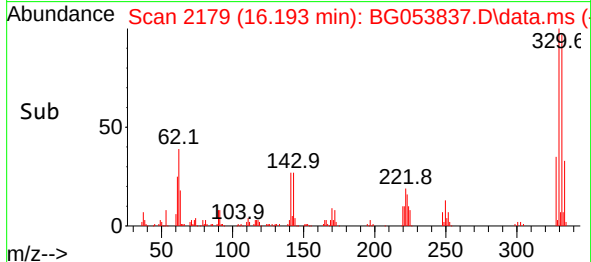
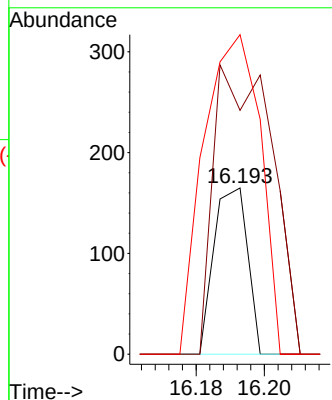
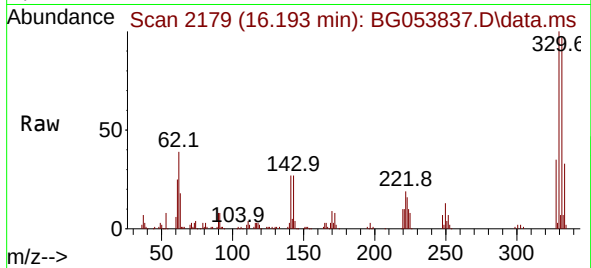




#65
4,6-Dinitro-2-methylphenol
Concen: 5.733 ng
RT: 16.193 min Scan# 2117
Delta R.T. 0.365 min
Lab File: BG053837.D
Acq: 7 Jun 2022 12:54

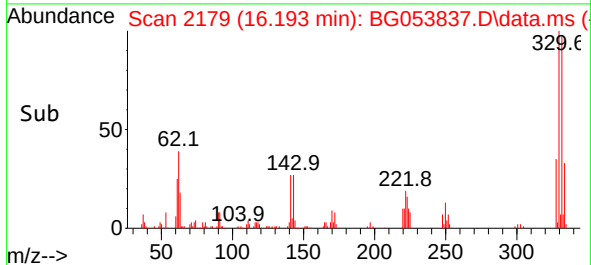
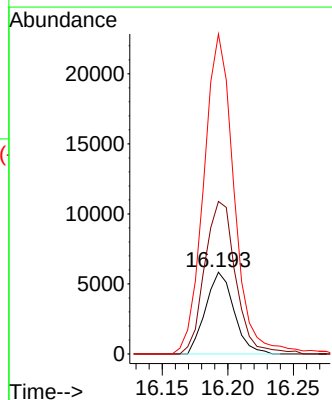
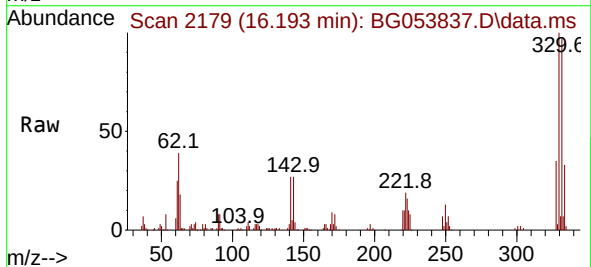
Instrument :
BNA_G
ClientSampleId :
PB145347BL

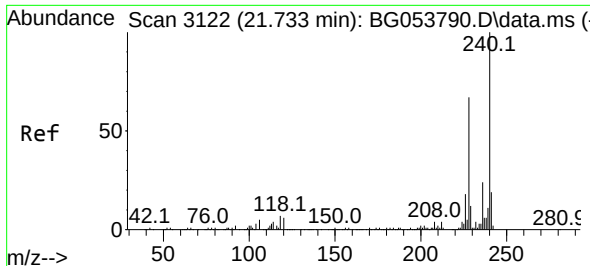
Tgt Ion:198 Resp: 112
Ion Ratio Lower Upper
198 100
51 146.7 28.1 68.1#
105 192.1 20.3 60.3#



#67
4-Bromophenyl-phenylether
Concen: 4.061 ng
RT: 16.193 min Scan# 2179
Delta R.T. -0.452 min
Lab File: BG053837.D
Acq: 7 Jun 2022 12:54

Tgt Ion:248 Resp: 8746
Ion Ratio Lower Upper
248 100
250 188.1 75.2 112.8#
141 299.1 50.0 75.0#

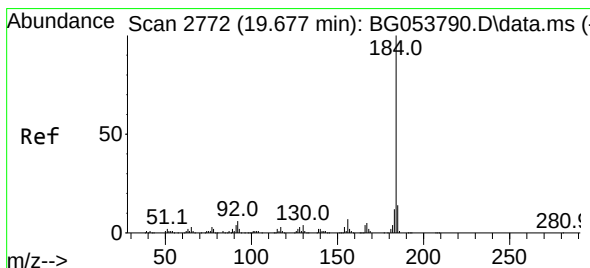
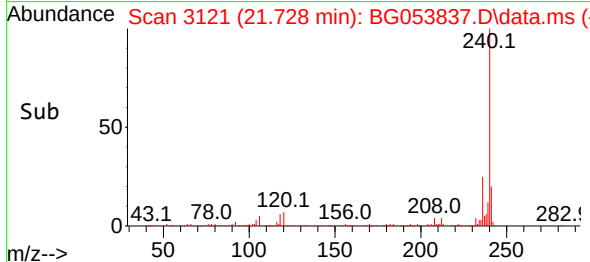
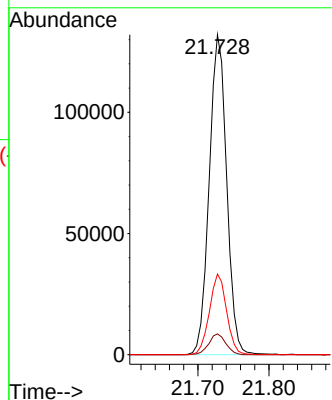
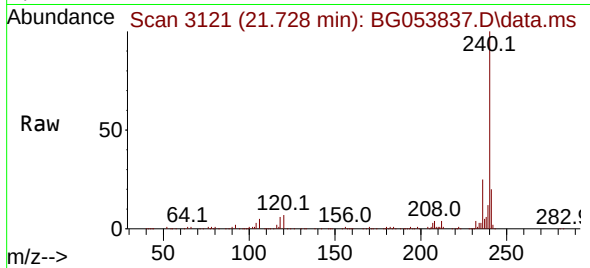




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.728 min Scan# 3122
Delta R.T. -0.005 min
Lab File: BG053837.D
Acq: 7 Jun 2022 12:54

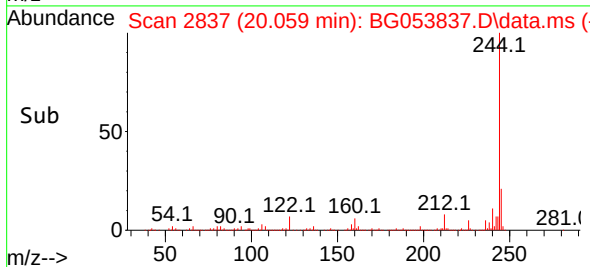
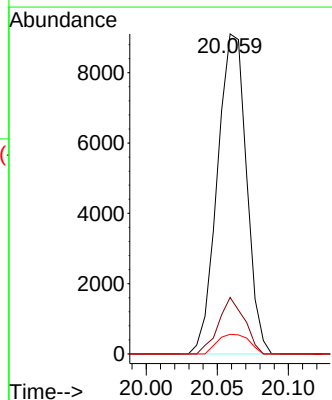
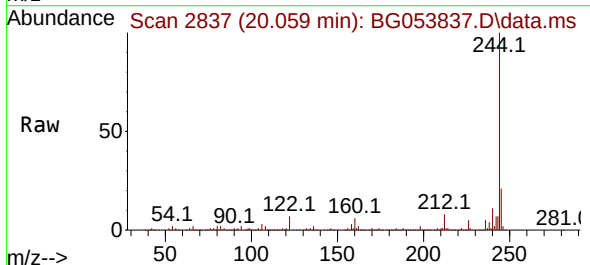
Instrument :
BNA_G
ClientSampleId :
PB145347BL

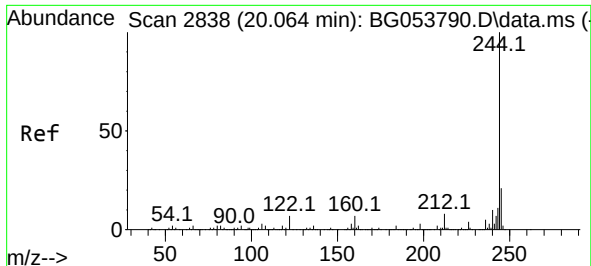
Tgt Ion:240 Resp: 225545
Ion Ratio Lower Upper
240 100
120 6.5 4.6 7.0
236 25.2 20.2 30.4



#77
Benzidine
Concen: 2.350 ng
RT: 20.059 min Scan# 2837
Delta R.T. 0.382 min
Lab File: BG053837.D
Acq: 7 Jun 2022 12:54

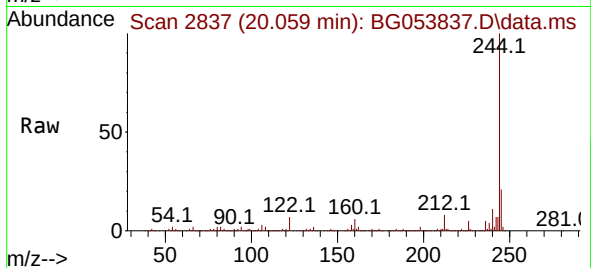
Tgt Ion:184 Resp: 12962
Ion Ratio Lower Upper
184 100
185 17.7 11.8 17.6#
183 6.1 8.9 13.3#



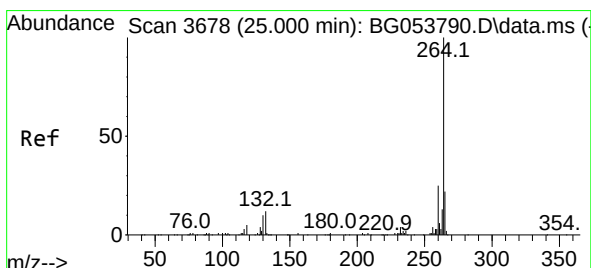
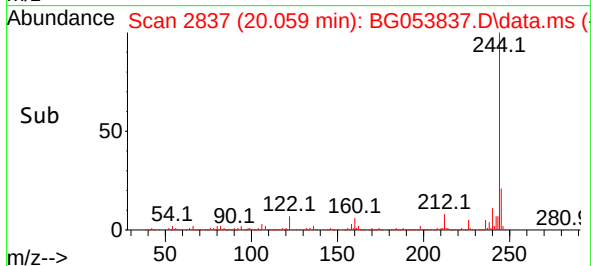
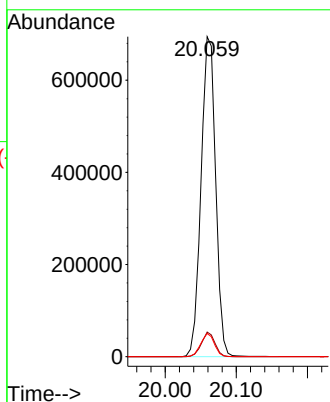


#79
 Terphenyl-d14
 Concen: 87.581 ng
 RT: 20.059 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG053837.D
 Acq: 7 Jun 2022 12:54

Instrument :
 BNA_G
 ClientSampleId :
 PB145347BL



Tgt Ion:244 Resp: 992929
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 7.3 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.994 min Scan# 3677
 Delta R.T. -0.005 min
 Lab File: BG053837.D
 Acq: 7 Jun 2022 12:54

Tgt Ion:264 Resp: 223551
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.6
 265 22.2 17.4 26.2

