

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062722\
 Data File : BG054097.D
 Acq On : 27 Jun 2022 18:28
 Operator : CG/JU
 Sample : N3494-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-EXC-3

Quant Time: Jun 28 04:56:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

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

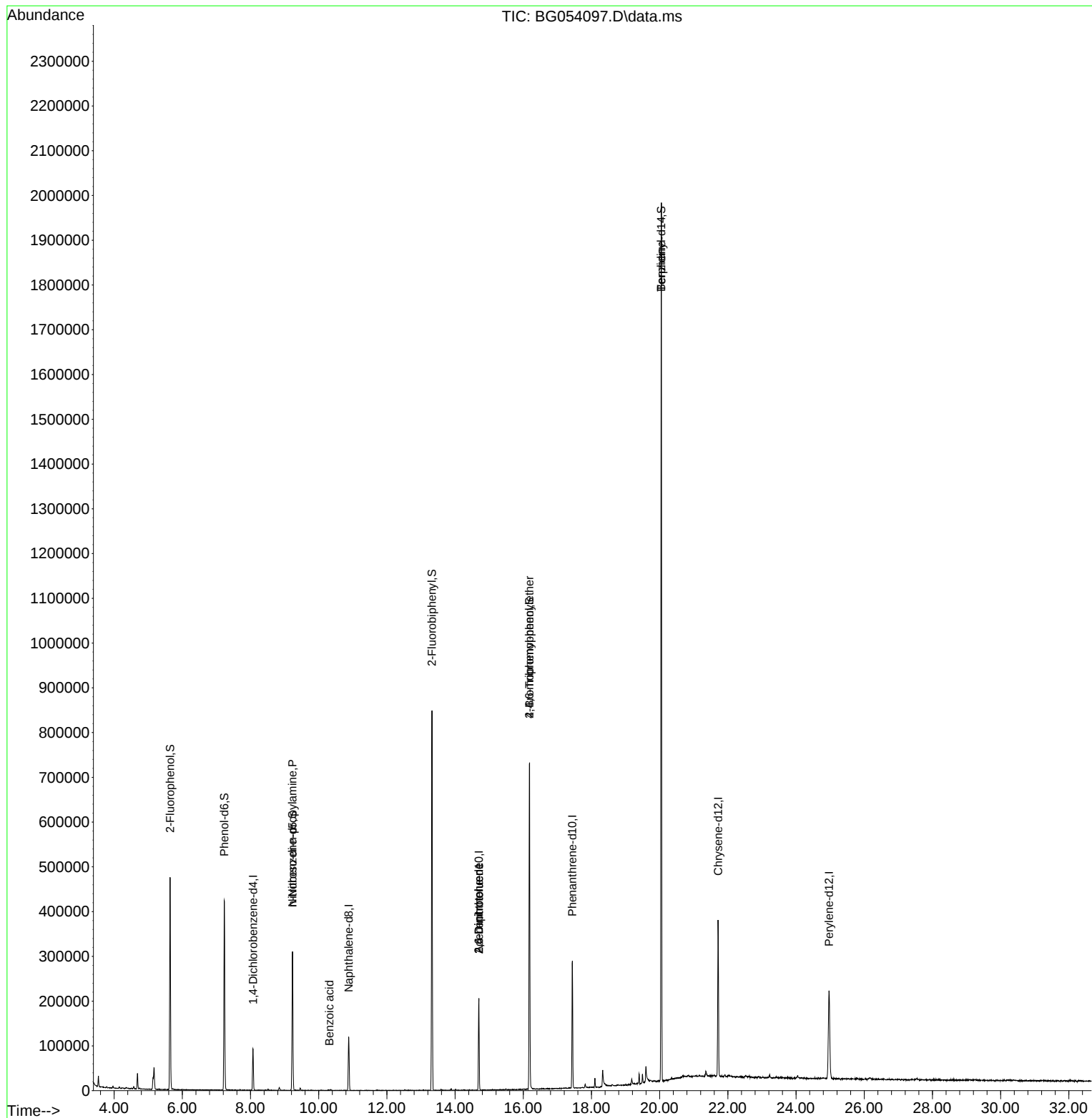
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	28383	20.000	ng	0.00
21) Naphthalene-d8	10.878	136	111354	20.000	ng	0.00
39) Acenaphthene-d10	14.697	164	77800	20.000	ng	0.00
64) Phenanthrene-d10	17.441	188	198700	20.000	ng	0.00
76) Chrysene-d12	21.712	240	233380	20.000	ng	0.00
86) Perylene-d12	24.967	264	229389	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.643	112	216794	146.035	ng	0.00
7) Phenol-d6	7.229	99	258165	128.193	ng	0.00
23) Nitrobenzene-d5	9.233	82	196903	99.370	ng	0.00
42) 2,4,6-Tribromophenol	16.184	330	169119	135.296	ng	0.00
45) 2-Fluorobiphenyl	13.322	172	479305	89.585	ng	0.00
79) Terphenyl-d14	20.050	244	1096917	94.665	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.233	70	25645	18.954	ng	# 87
32) Benzoic acid	10.314	122	141	11.462	ng	# 1
51) 2,6-Dinitrotoluene	14.697	165	10615	8.867	ng	# 17
57) 2,4-Dinitrotoluene	14.697	165	10615	6.279	ng	# 23
67) 4-Bromophenyl-phenylether	16.184	248	10962	4.417	ng	# 1
77) Benzidine	20.050	184	15962	3.303	ng	# 92

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062722\
Data File : BG054097.D
Acq On : 27 Jun 2022 18:28
Operator : CG/JU
Sample : N3494-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-3

Quant Time: Jun 28 04:56:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 00:27:54 2022
Response via : Initial Calibration

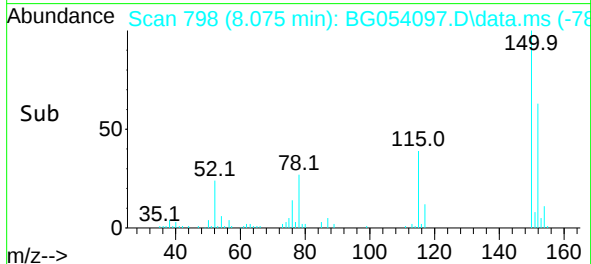
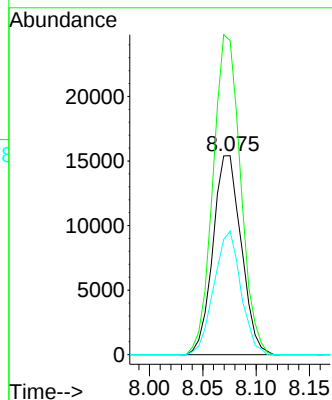
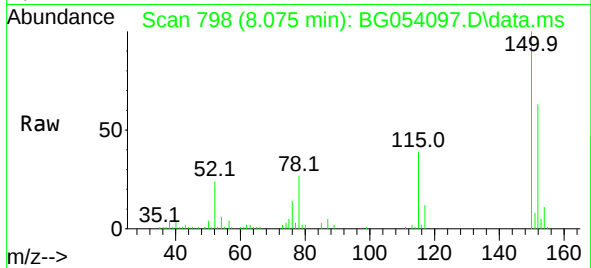




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.075 min Scan# 79
Delta R.T. 0.005 min
Lab File: BG054097.D
Acq: 27 Jun 2022 18:28

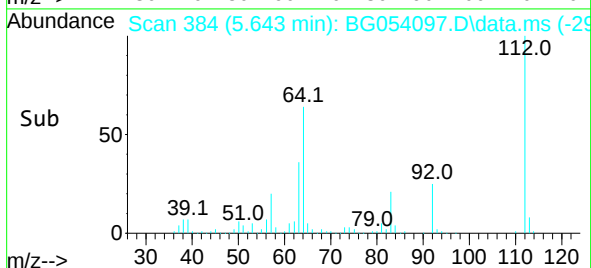
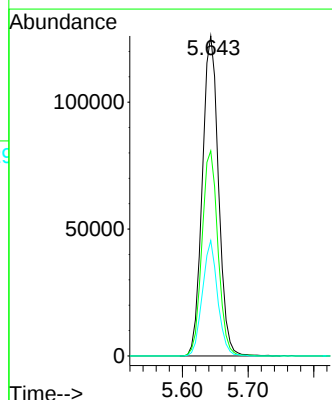
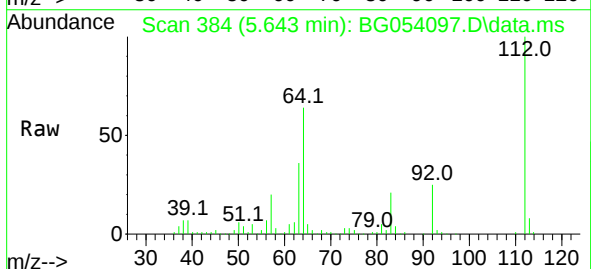
Instrument :
BNA_G
ClientSampleId :
SP-EXC-3

Tgt Ion:152 Resp: 28383
Ion Ratio Lower Upper
152 100
150 157.7 131.6 197.4
115 62.1 50.9 76.3



#5
2-Fluorophenol
Concen: 146.035 ng
RT: 5.643 min Scan# 384
Delta R.T. 0.005 min
Lab File: BG054097.D
Acq: 27 Jun 2022 18:28

Tgt Ion:112 Resp: 216794
Ion Ratio Lower Upper
112 100
64 64.1 55.1 82.7
63 36.1 30.4 45.6

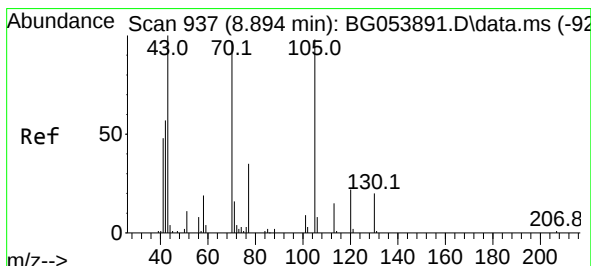
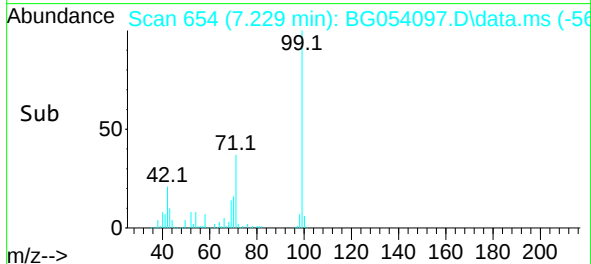
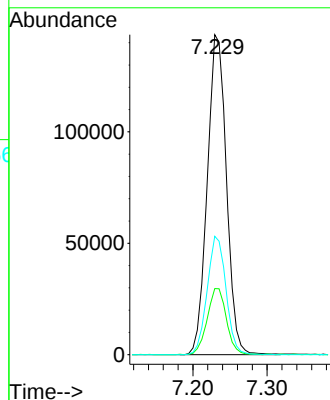
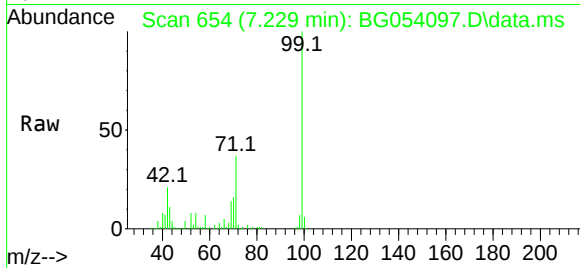




#7
Phenol-d6
Concen: 128.193 ng
RT: 7.229 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG054097.D
Acq: 27 Jun 2022 18:28

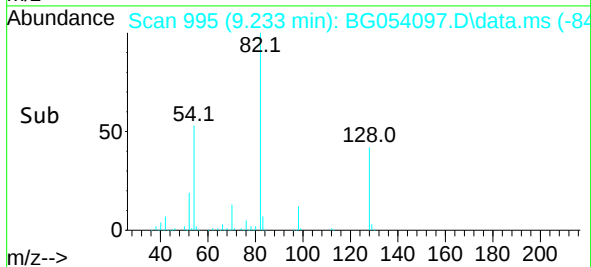
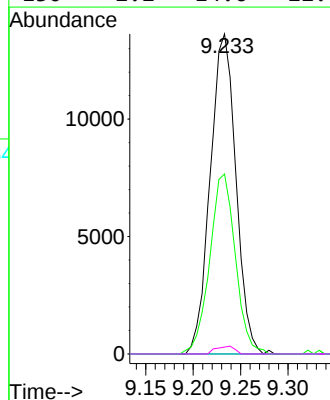
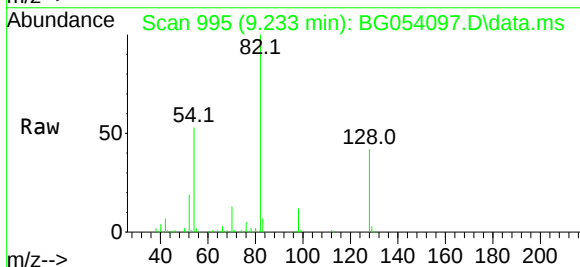
Instrument :
BNA_G
ClientSampleId :
SP-EXC-3

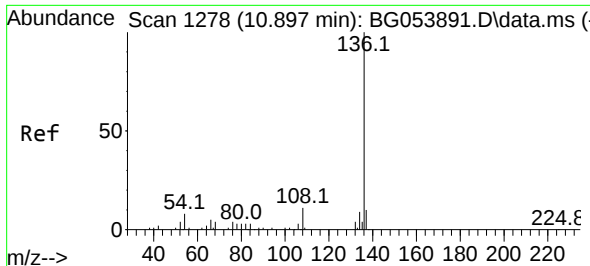
Tgt Ion: 99 Resp: 258165
Ion Ratio Lower Upper
99 100
42 20.6 17.0 25.6
71 37.0 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.954 ng
RT: 9.233 min Scan# 995
Delta R.T. 0.358 min
Lab File: BG054097.D
Acq: 27 Jun 2022 18:28

Tgt Ion: 70 Resp: 25645
Ion Ratio Lower Upper
70 100
42 56.2 47.3 70.9
101 0.0 7.0 10.4#
130 2.2 14.6 22.0#

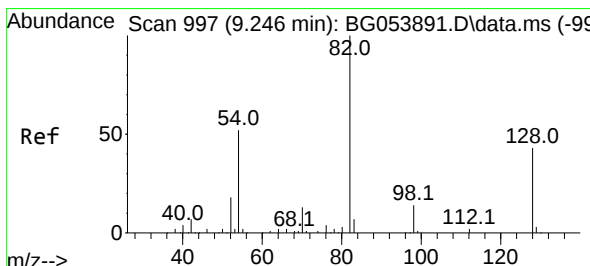
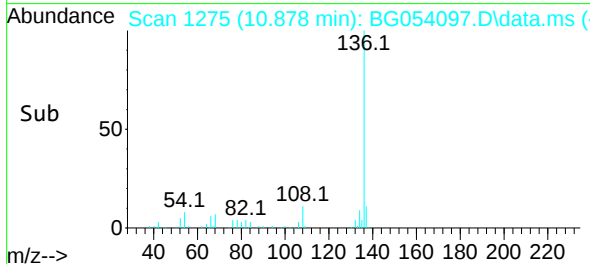
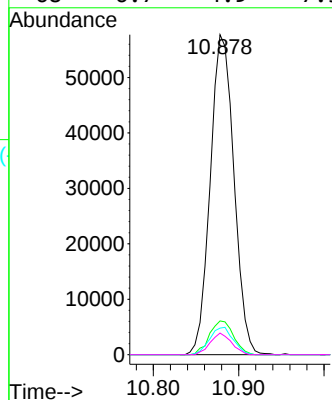
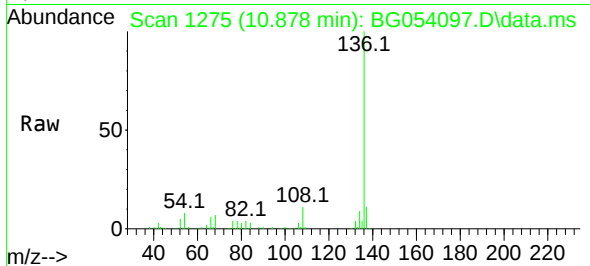




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.878 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG054097.D
Acq: 27 Jun 2022 18:28

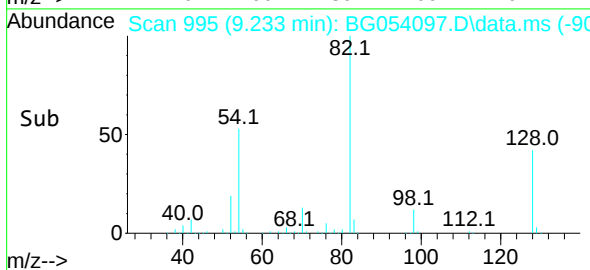
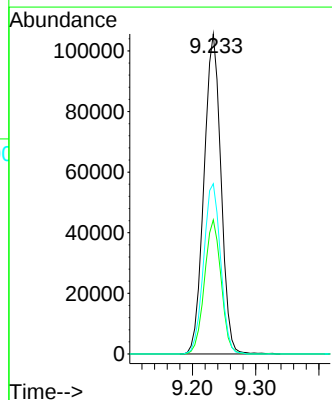
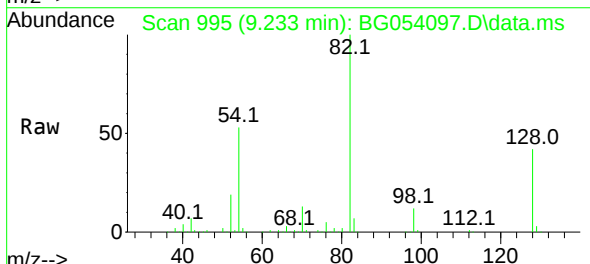
Instrument :
BNA_G
ClientSampleId :
SP-EXC-3

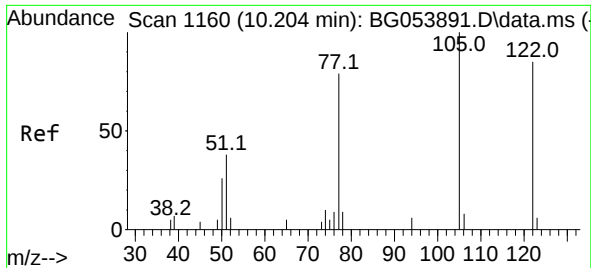
Tgt Ion:136	Resp: 111354
Ion Ratio	Lower Upper
136 100	
137 10.6	8.5 12.7
54 8.3	7.4 11.2
68 6.7	4.9 7.3



#23
Nitrobenzene-d5
Concen: 99.370 ng
RT: 9.233 min Scan# 995
Delta R.T. -0.001 min
Lab File: BG054097.D
Acq: 27 Jun 2022 18:28

Tgt Ion: 82	Resp: 196903
Ion Ratio	Lower Upper
82 100	
128 41.9	27.9 41.9#
54 53.2	41.2 61.8

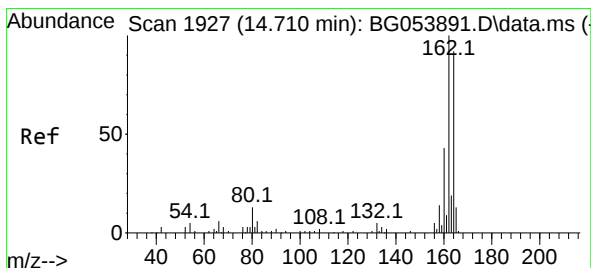
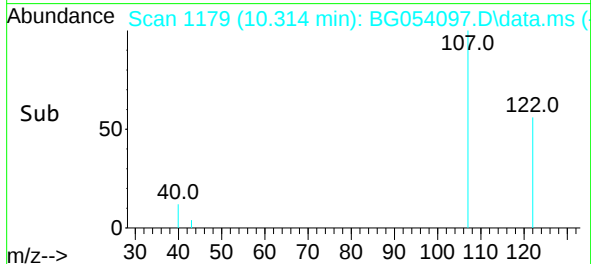
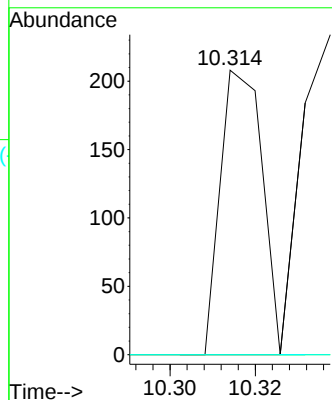
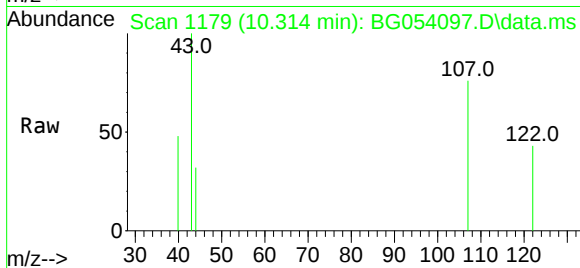




#32
Benzoic acid
Concen: 11.462 ng
RT: 10.314 min Scan# 1160
Delta R.T. 0.117 min
Lab File: BG054097.D
Acq: 27 Jun 2022 18:28

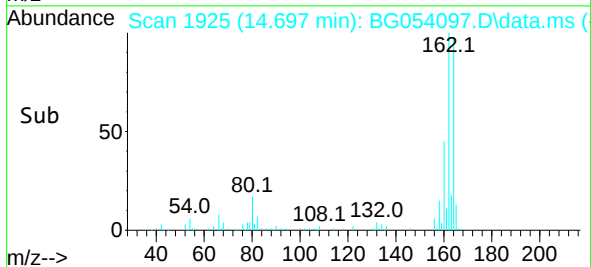
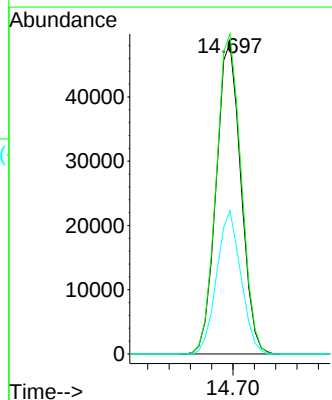
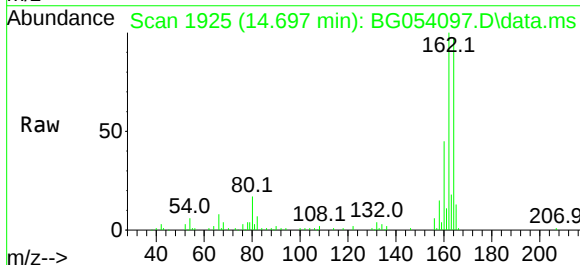
Instrument :
BNA_G
ClientSampleId :
SP-EXC-3

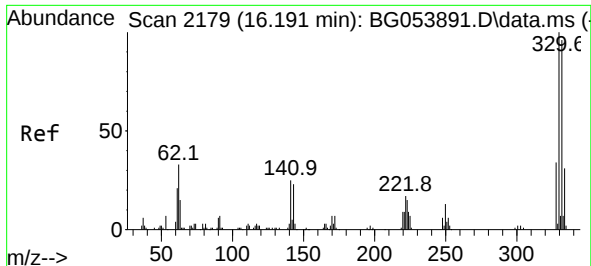
Tgt Ion:122 Resp: 141
Ion Ratio Lower Upper
122 100
105 0.0 111.8 151.8#
77 0.0 109.4 149.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.697 min Scan# 1925
Delta R.T. -0.001 min
Lab File: BG054097.D
Acq: 27 Jun 2022 18:28

Tgt Ion:164 Resp: 77800
Ion Ratio Lower Upper
164 100
162 102.7 82.3 123.5
160 46.1 34.2 51.2

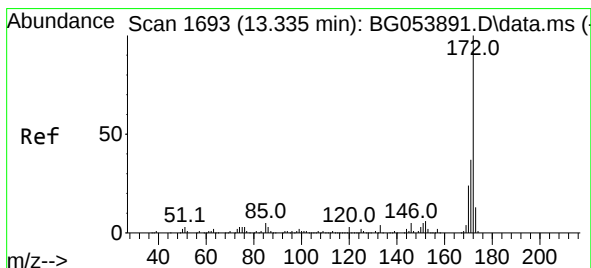
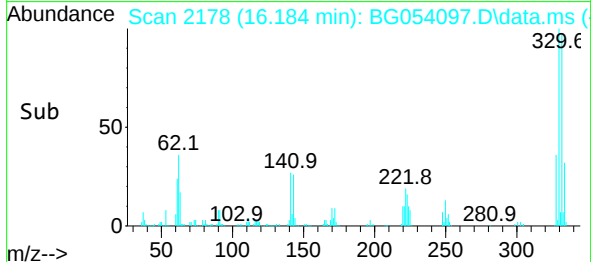
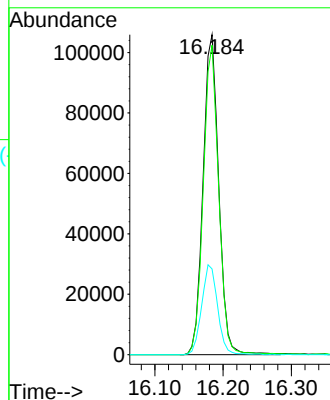
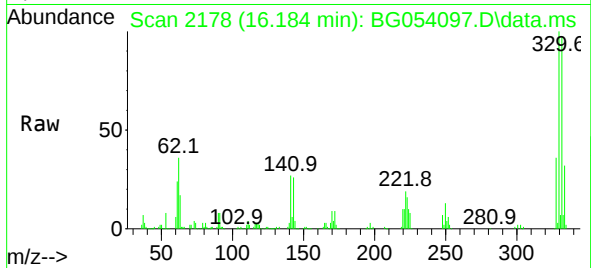




#42
2,4,6-Tribromophenol
Concen: 135.296 ng
RT: 16.184 min Scan# 2179
Delta R.T. -0.001 min
Lab File: BG054097.D
Acq: 27 Jun 2022 18:28

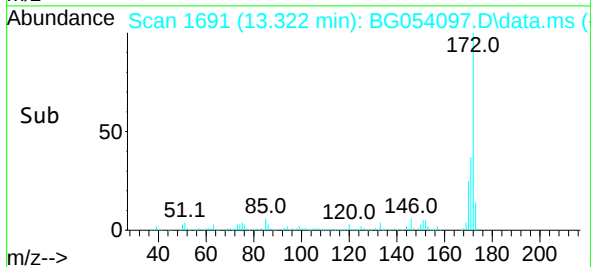
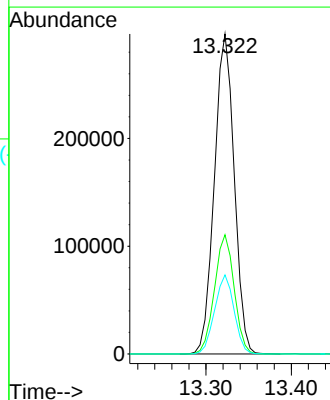
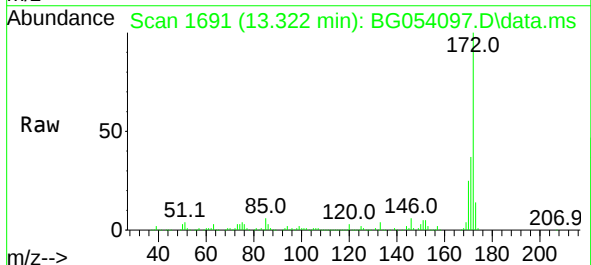
Instrument :
BNA_G
ClientSampleId :
SP-EXC-3

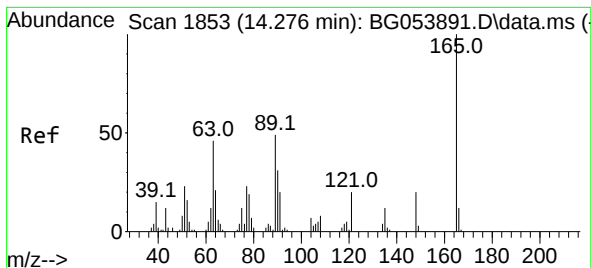
Tgt Ion:330 Resp: 169119
Ion Ratio Lower Upper
330 100
332 95.3 76.0 114.0
141 28.6 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 89.585 ng
RT: 13.322 min Scan# 1691
Delta R.T. -0.001 min
Lab File: BG054097.D
Acq: 27 Jun 2022 18:28

Tgt Ion:172 Resp: 479305
Ion Ratio Lower Upper
172 100
171 37.3 28.5 42.7
170 24.7 18.9 28.3

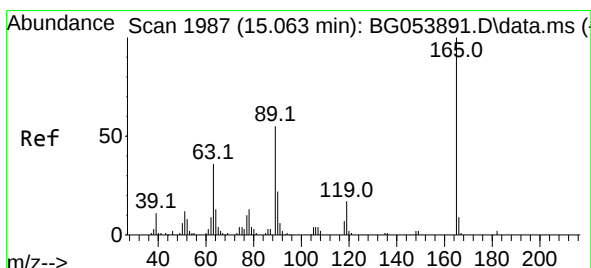
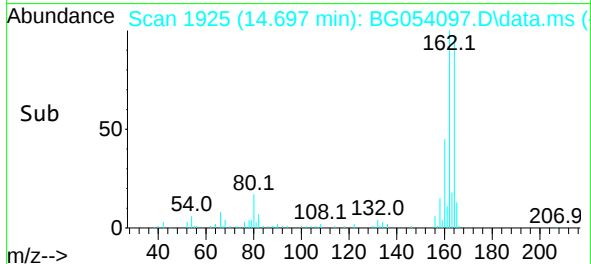
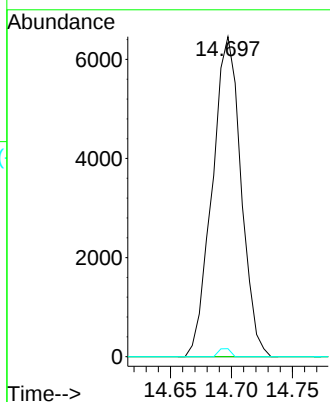
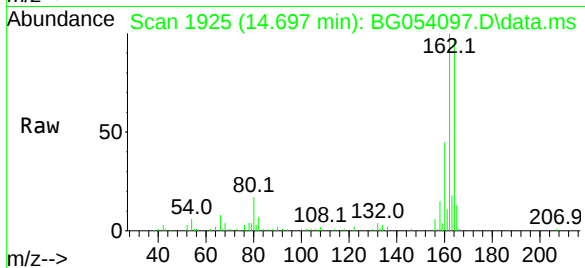




#51
2,6-Dinitrotoluene
Concen: 8.867 ng
RT: 14.697 min Scan# 1925
Delta R.T. 0.434 min
Lab File: BG054097.D
Acq: 27 Jun 2022 18:28

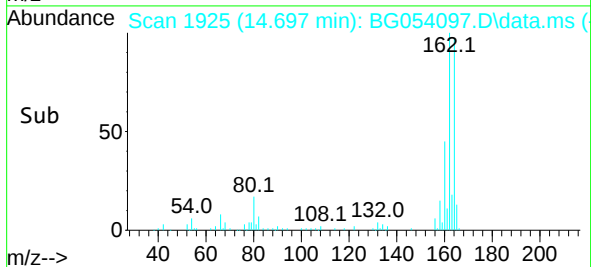
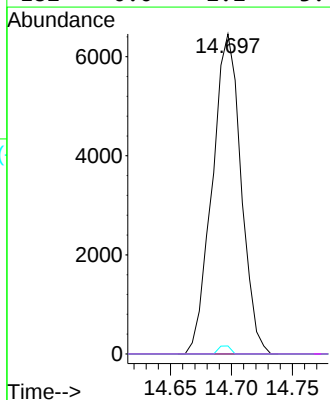
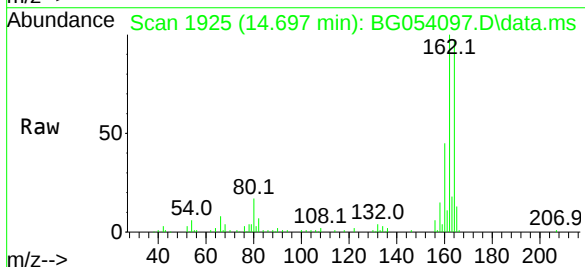
Instrument :
BNA_G
ClientSampleId :
SP-EXC-3

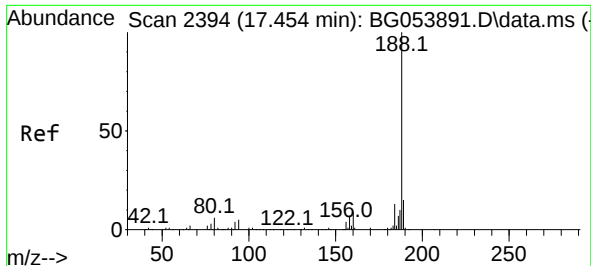
Tgt Ion:165 Resp: 10615
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 2.5 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 6.279 ng
RT: 14.697 min Scan# 1925
Delta R.T. -0.353 min
Lab File: BG054097.D
Acq: 27 Jun 2022 18:28

Tgt Ion:165 Resp: 10615
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 2.5 60.3 90.5#
182 0.0 2.2 3.4#

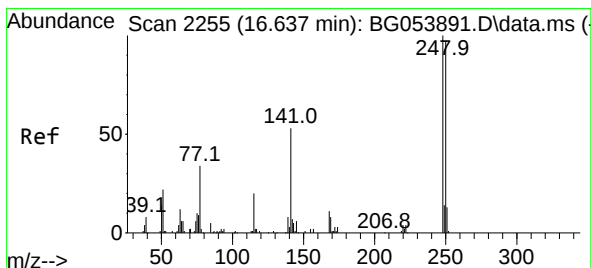
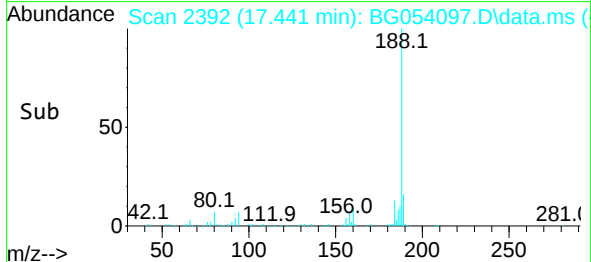
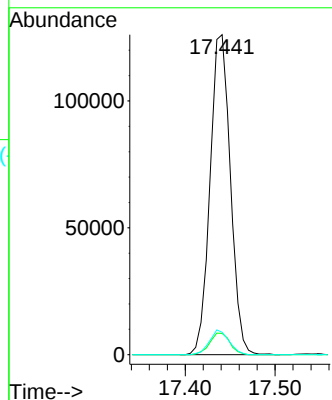
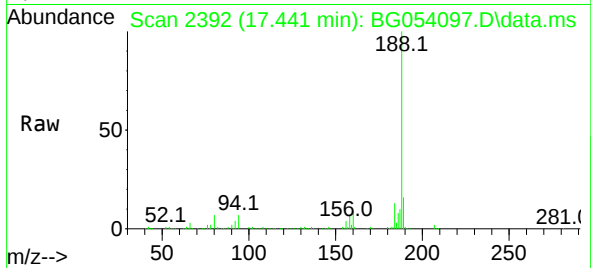




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.441 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG054097.D
Acq: 27 Jun 2022 18:28

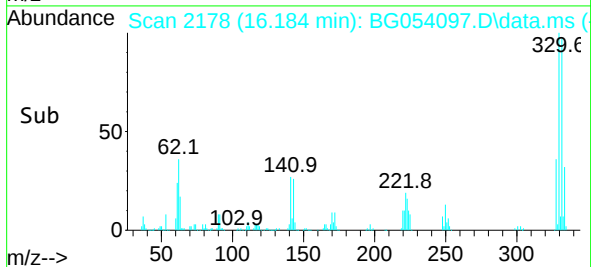
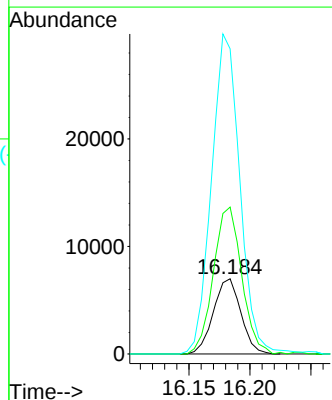
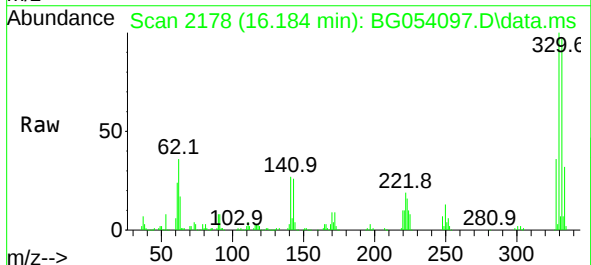
Instrument :
BNA_G
ClientSampleId :
SP-EXC-3

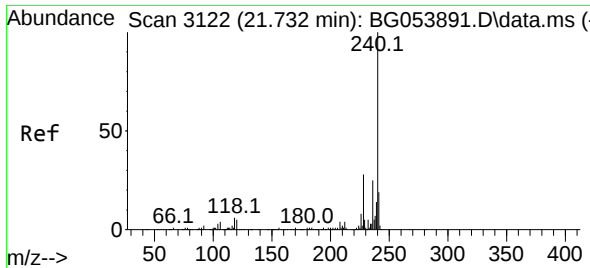
Tgt Ion:188 Resp: 198700
Ion Ratio Lower Upper
188 100
94 6.7 5.4 8.0
80 7.0 6.8 10.2



#67
4-Bromophenyl-phenylether
Concen: 4.417 ng
RT: 16.184 min Scan# 2178
Delta R.T. -0.441 min
Lab File: BG054097.D
Acq: 27 Jun 2022 18:28

Tgt Ion:248 Resp: 10962
Ion Ratio Lower Upper
248 100
250 195.8 75.2 112.8#
141 313.5 50.0 75.0#

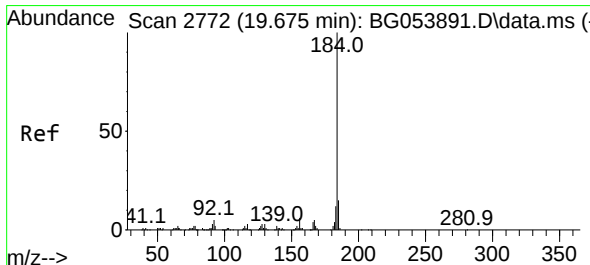
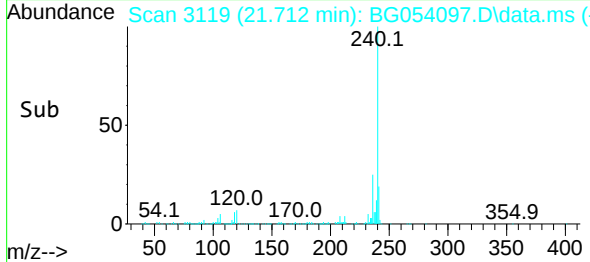
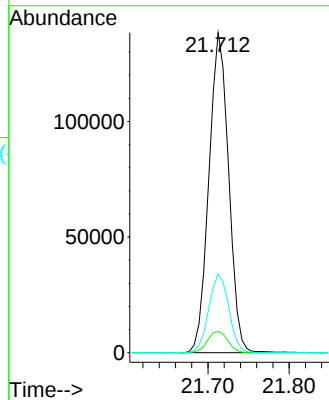
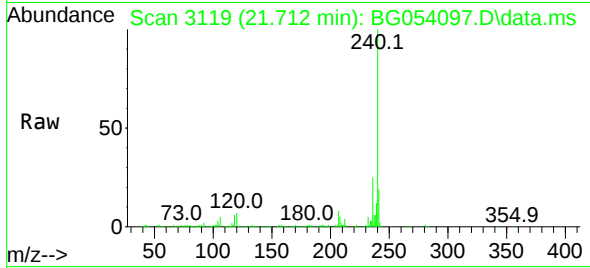




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.712 min Scan# 3119
Delta R.T. -0.007 min
Lab File: BG054097.D
Acq: 27 Jun 2022 18:28

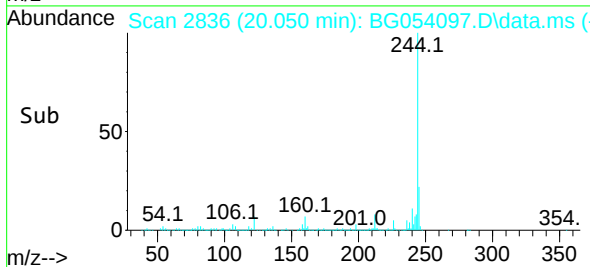
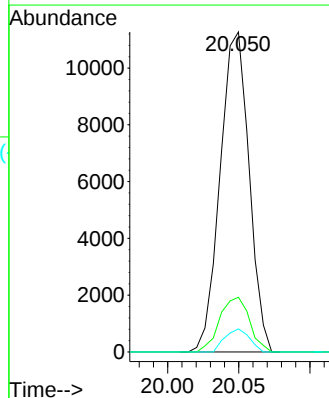
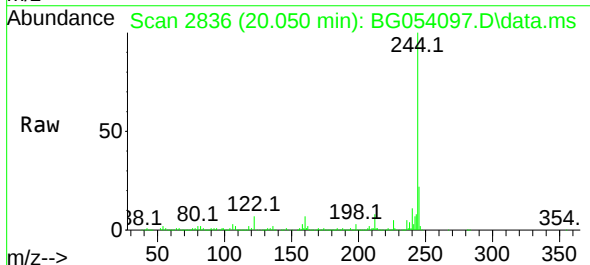
Instrument :
BNA_G
ClientSampleId :
SP-EXC-3

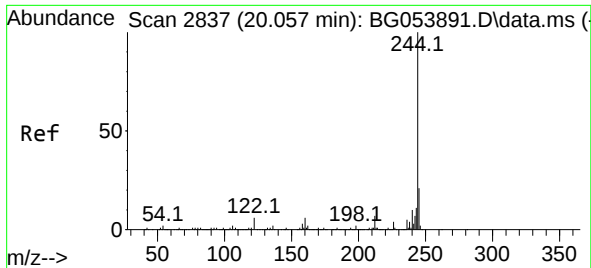
Tgt Ion:240 Resp: 233380
Ion Ratio Lower Upper
240 100
120 6.7 4.6 7.0
236 24.6 20.2 30.4



#77
Benzidine
Concen: 3.303 ng
RT: 20.050 min Scan# 2836
Delta R.T. 0.387 min
Lab File: BG054097.D
Acq: 27 Jun 2022 18:28

Tgt Ion:184 Resp: 15962
Ion Ratio Lower Upper
184 100
185 17.1 11.8 17.6
183 7.2 8.9 13.3#

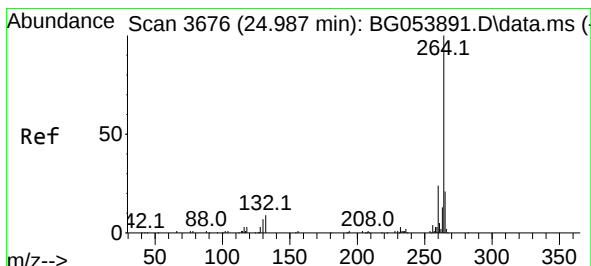
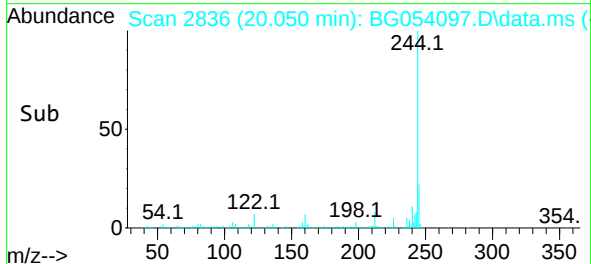
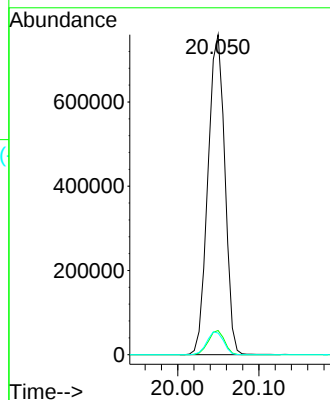
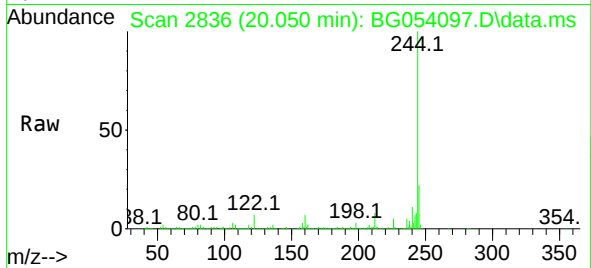




#79
 Terphenyl-d14
 Concen: 94.665 ng
 RT: 20.050 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BG054097.D
 Acq: 27 Jun 2022 18:28

Instrument :
 BNA_G
 ClientSampleId :
 SP-EXC-3

Tgt Ion:244 Resp: 1096917
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 6.8 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.967 min Scan# 3673
 Delta R.T. 0.005 min
 Lab File: BG054097.D
 Acq: 27 Jun 2022 18:28

Tgt Ion:264 Resp: 229389
 Ion Ratio Lower Upper
 264 100
 260 26.0 19.0 28.6
 265 22.0 17.4 26.2

