

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051722\
 Data File : BG053580.D
 Acq On : 17 May 2022 12:24
 Operator : CG/JU
 Sample : PB144822BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144822BL

Quant Time: May 17 15:26:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

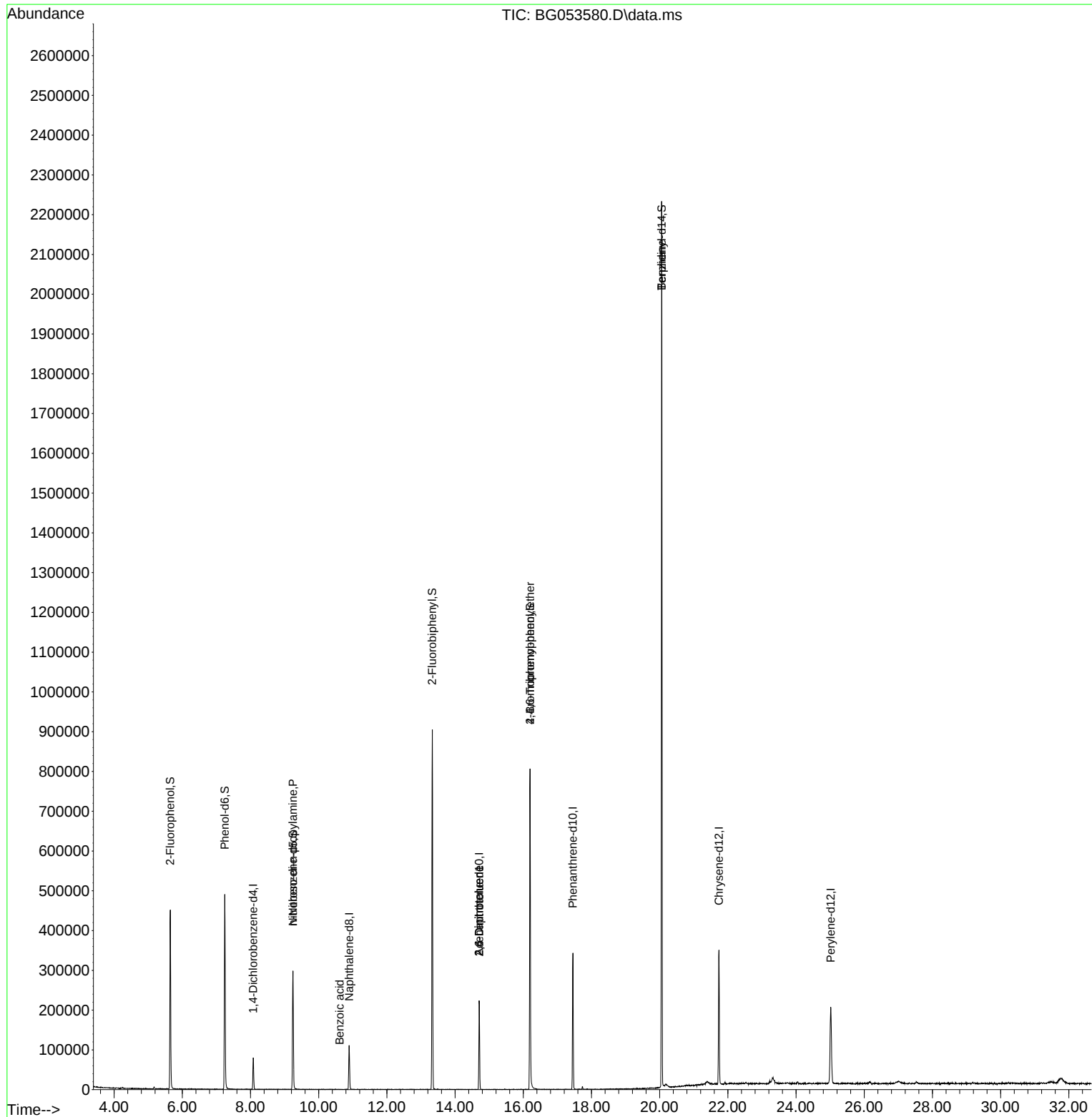
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	22259	20.000	ng	0.00
21) Naphthalene-d8	10.895	136	91643	20.000	ng	# 0.00
39) Acenaphthene-d10	14.707	164	81152	20.000	ng	0.00
64) Phenanthrene-d10	17.456	188	222484	20.000	ng	0.00
76) Chrysene-d12	21.739	240	218976	20.000	ng	0.00
86) Perylene-d12	25.017	264	219641	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	186397	142.118	ng	0.00
7) Phenol-d6	7.247	99	279116	140.224	ng	0.00
23) Nitrobenzene-d5	9.244	82	194978	90.568	ng	0.00
42) 2,4,6-Tribromophenol	16.199	330	171350	143.162	ng	0.00
45) 2-Fluorobiphenyl	13.333	172	479257	86.298	ng	0.00
79) Terphenyl-d14	20.059	244	1101245	93.665	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.244	70	27113	18.985	ng	# 78
32) Benzoic acid	10.613	122	56	8.544	ng	# 1
51) 2,6-Dinitrotoluene	14.707	165	10179	8.102	ng	# 18
57) 2,4-Dinitrotoluene	14.707	165	10179	5.589	ng	# 23
67) 4-Bromophenyl-phenylether	16.199	248	10834	4.170	ng	# 1
77) Benzidine	20.059	184	19445	4.120	ng	# 91

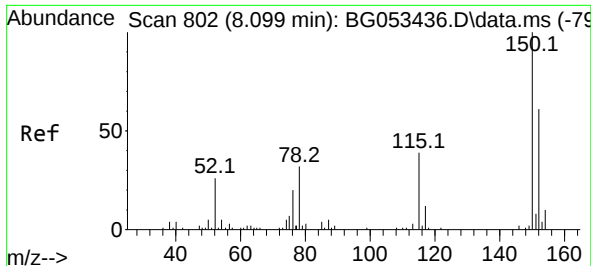
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051722\
Data File : BG053580.D
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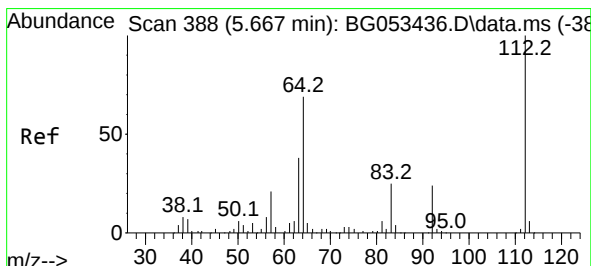
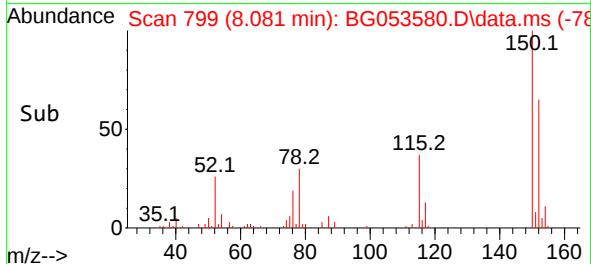
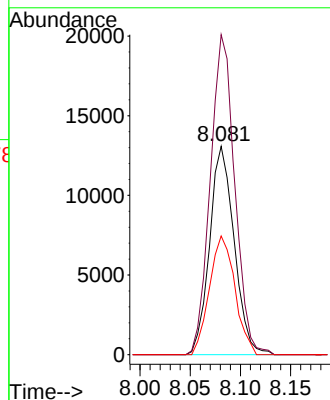
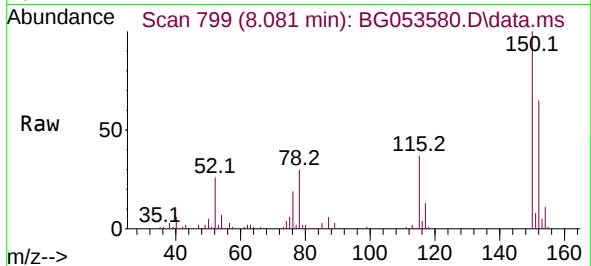




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.081 min Scan# 799
Delta R.T. -0.008 min
Lab File: BG053580.D
Acq: 17 May 2022 12:24

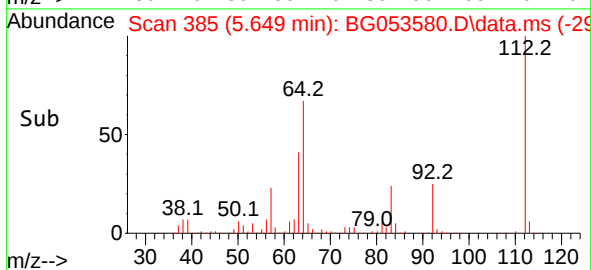
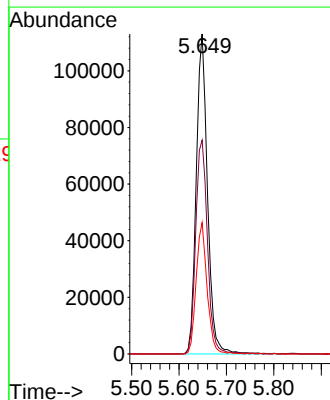
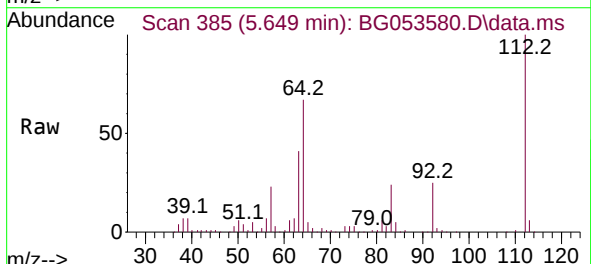
Instrument :
BNA_G
ClientSampleId :
PB144822BL

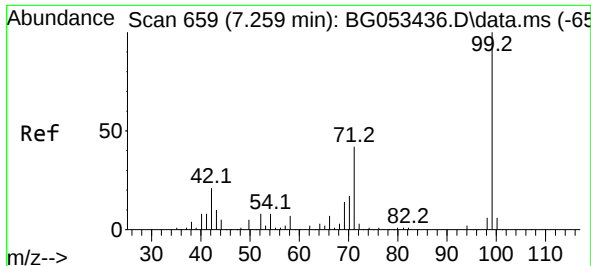
Tgt Ion:152 Resp: 22259
Ion Ratio Lower Upper
152 100
150 153.6 131.6 197.4
115 57.0 50.9 76.3



#5
2-Fluorophenol
Concen: 142.118 ng
RT: 5.649 min Scan# 385
Delta R.T. -0.003 min
Lab File: BG053580.D
Acq: 17 May 2022 12:24

Tgt Ion:112 Resp: 186397
Ion Ratio Lower Upper
112 100
64 66.8 55.1 82.7
63 41.1 30.4 45.6

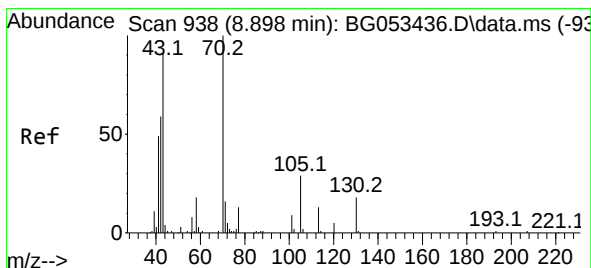
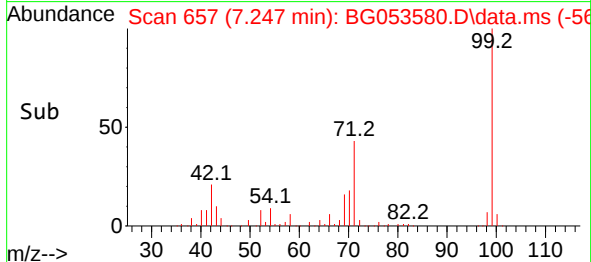
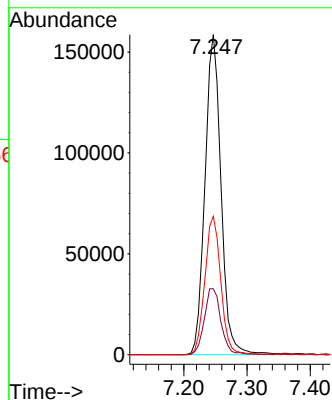
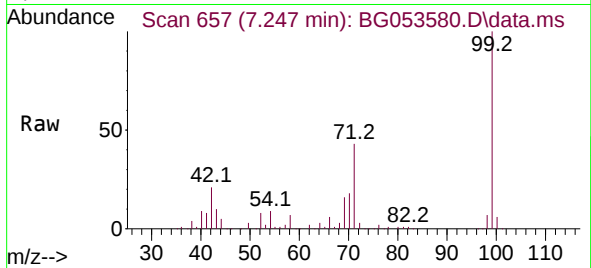




#7
Phenol-d6
Concen: 140.224 ng
RT: 7.247 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG053580.D
Acq: 17 May 2022 12:24

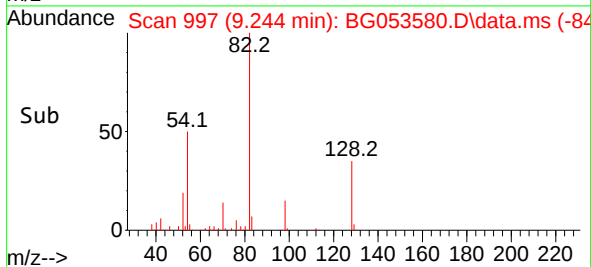
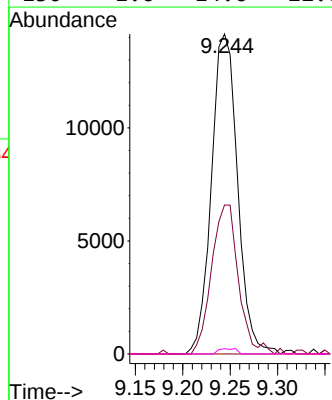
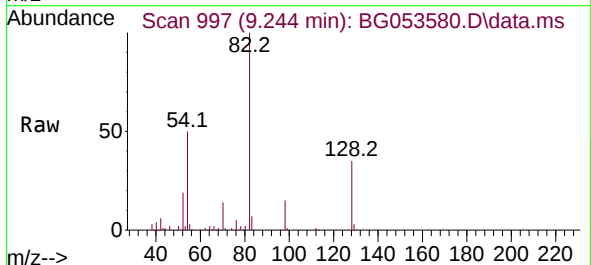
Instrument :
BNA_G
ClientSampleId :
PB144822BL

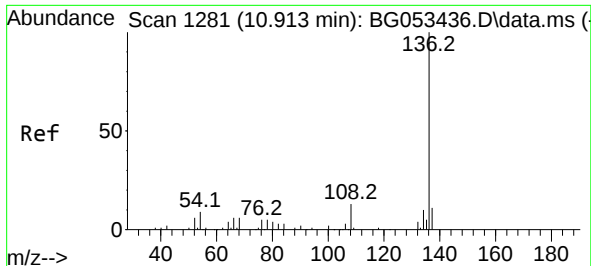
Tgt Ion: 99 Resp: 279116
Ion Ratio Lower Upper
99 100
42 20.6 17.0 25.6
71 43.2 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.985 ng
RT: 9.244 min Scan# 997
Delta R.T. 0.356 min
Lab File: BG053580.D
Acq: 17 May 2022 12:24

Tgt Ion: 70 Resp: 27113
Ion Ratio Lower Upper
70 100
42 46.6 47.3 70.9#
101 0.0 7.0 10.4#
130 1.6 14.6 22.0#

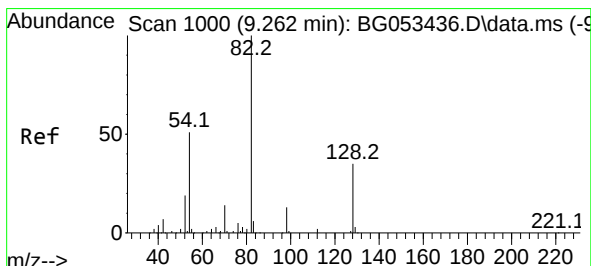
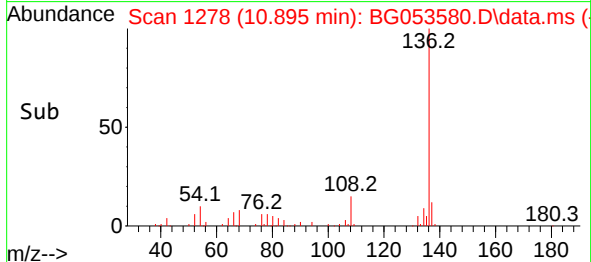
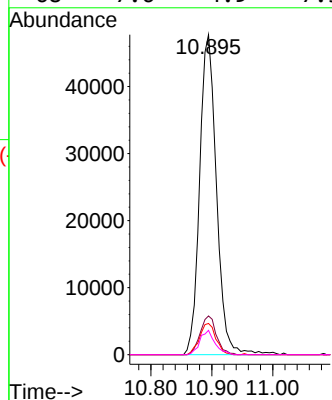
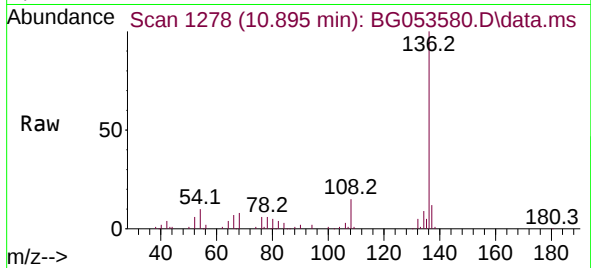




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.895 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG053580.D
Acq: 17 May 2022 12:24

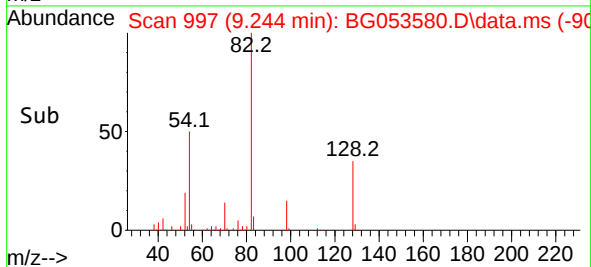
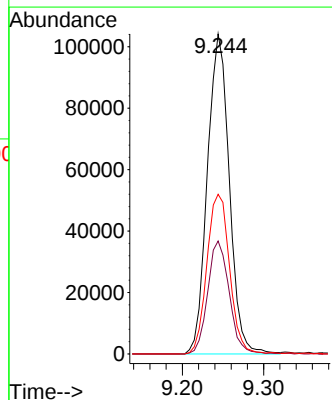
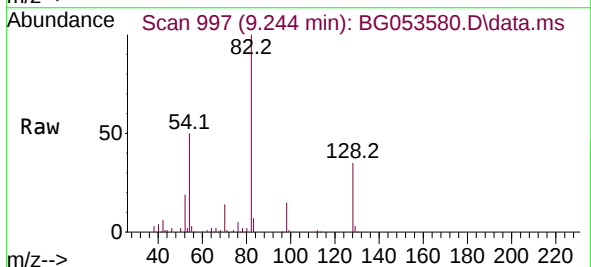
Instrument :
BNA_G
ClientSampleId :
PB144822BL

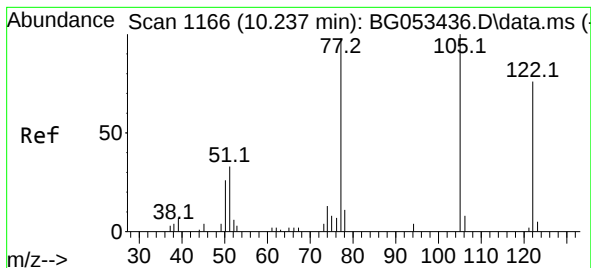
Tgt Ion:	136	Resp:	91643
Ion Ratio	Lower	Upper	
136	100		
137	12.1	8.5	12.7
54	9.8	7.4	11.2
68	7.6	4.9	7.3



#23
Nitrobenzene-d5
Concen: 90.568 ng
RT: 9.244 min Scan# 997
Delta R.T. -0.009 min
Lab File: BG053580.D
Acq: 17 May 2022 12:24

Tgt Ion:	82	Resp:	194978
Ion Ratio	Lower	Upper	
82	100		
128	35.3	27.9	41.9
54	49.9	41.2	61.8





#32

Benzoic acid

Concen: 8.544 ng

RT: 10.613 min Scan# 1166

Delta R.T. 0.373 min

Lab File: BG053580.D

Acq: 17 May 2022 12:24

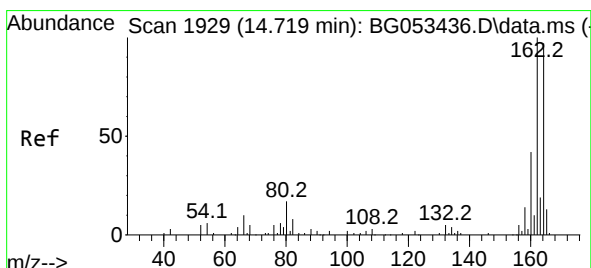
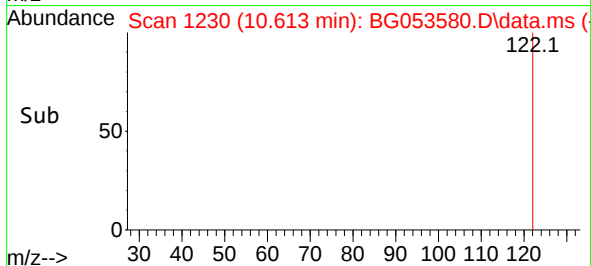
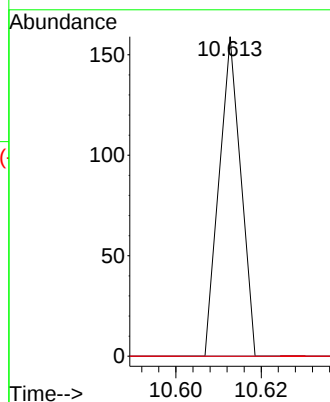
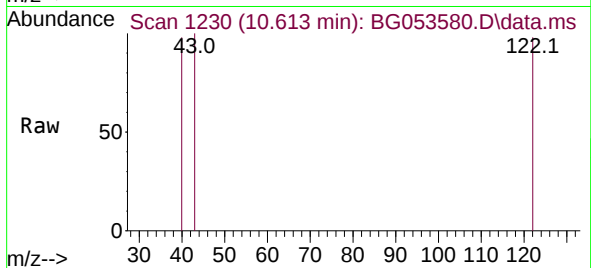
Instrument :

BNA_G

ClientSampleId :

PB144822BL

Tgt Ion:122	Resp:	56
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

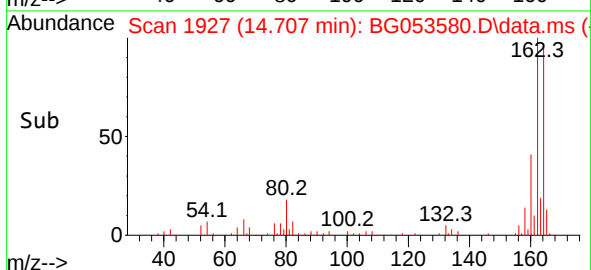
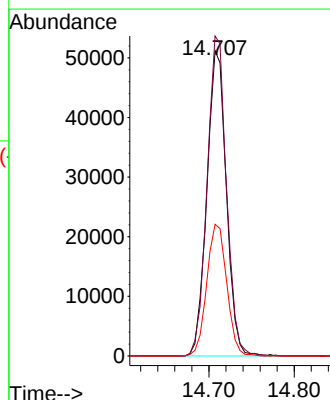
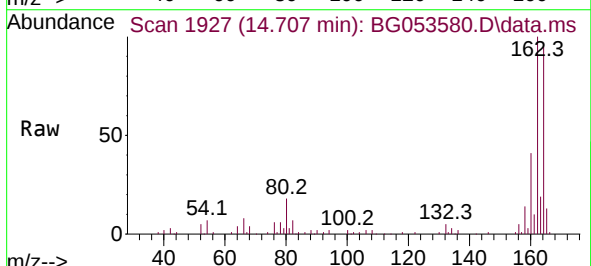
RT: 14.707 min Scan# 1927

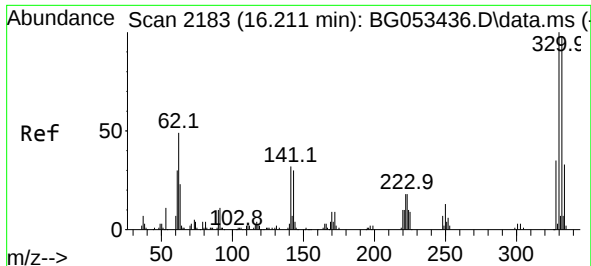
Delta R.T. -0.009 min

Lab File: BG053580.D

Acq: 17 May 2022 12:24

Tgt Ion:164	Resp:	81152
Ion	Ratio	Lower Upper
164	100	
162	104.8	82.3 123.5
160	43.1	34.2 51.2

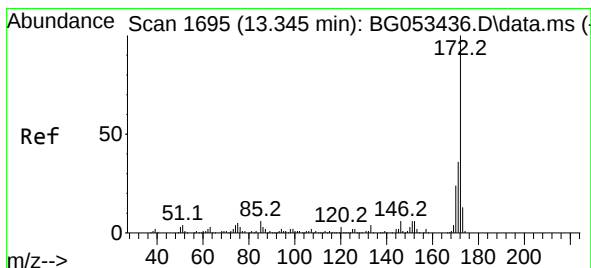
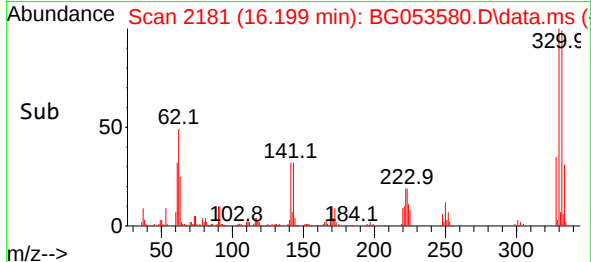
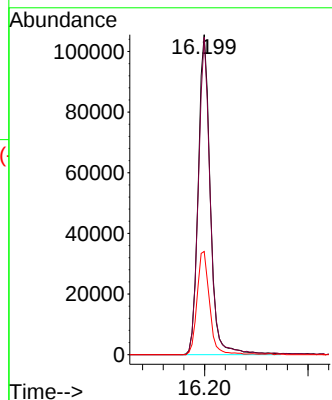
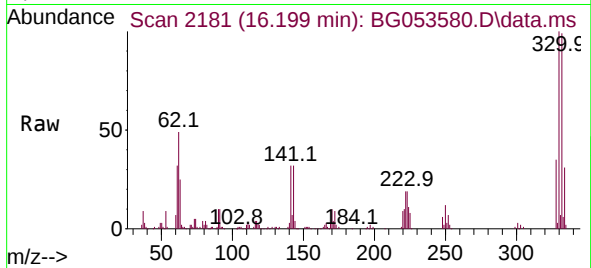




#42
 2,4,6-Tribromophenol
 Concen: 143.162 ng
 RT: 16.199 min Scan# 2183
 Delta R.T. -0.003 min
 Lab File: BG053580.D
 Acq: 17 May 2022 12:24

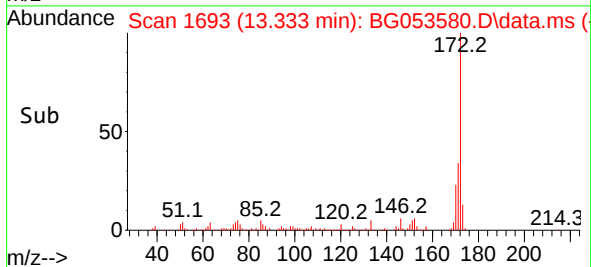
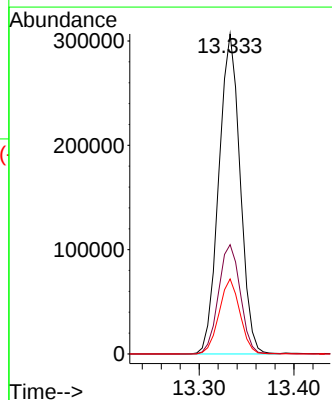
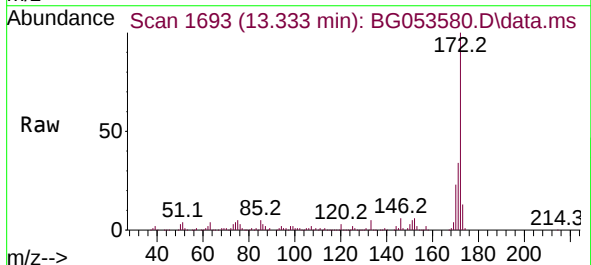
Instrument :
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 ClientSampleId :
 PB144822BL

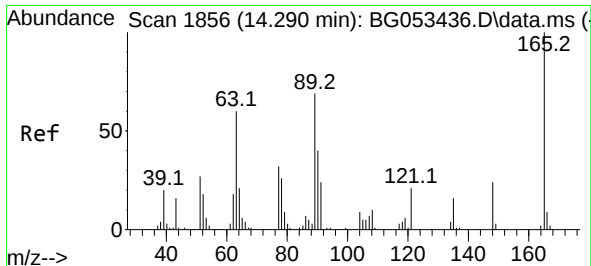
Tgt Ion:330 Resp: 171350
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.0 114.0
 141 33.1 27.1 40.7



#45
 2-Fluorobiphenyl
 Concen: 86.298 ng
 RT: 13.333 min Scan# 1693
 Delta R.T. -0.003 min
 Lab File: BG053580.D
 Acq: 17 May 2022 12:24

Tgt Ion:172 Resp: 479257
 Ion Ratio Lower Upper
 172 100
 171 34.1 28.5 42.7
 170 23.4 18.9 28.3

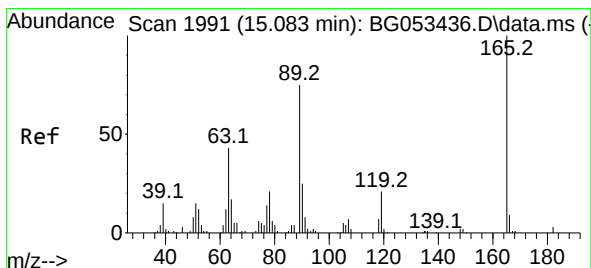
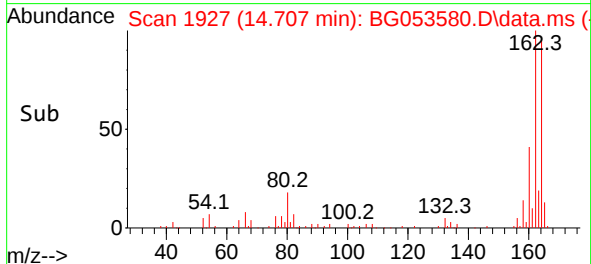
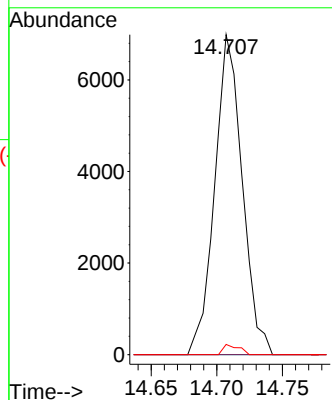
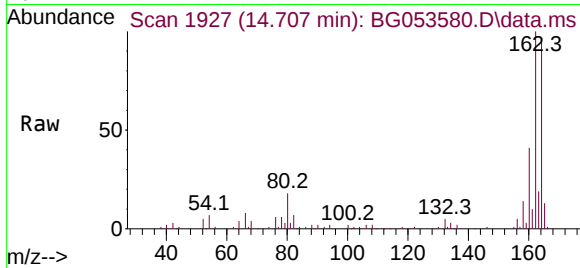




#51
2,6-Dinitrotoluene
Concen: 8.102 ng
RT: 14.707 min Scan# 1927
Delta R.T. 0.426 min
Lab File: BG053580.D
Acq: 17 May 2022 12:24

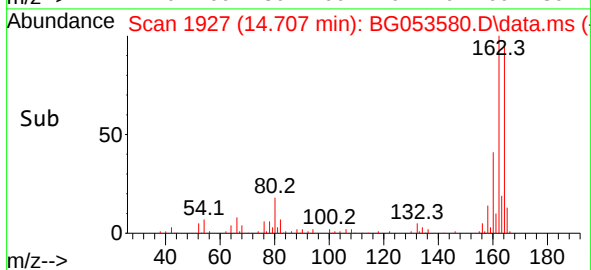
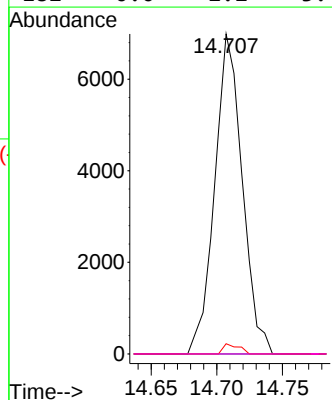
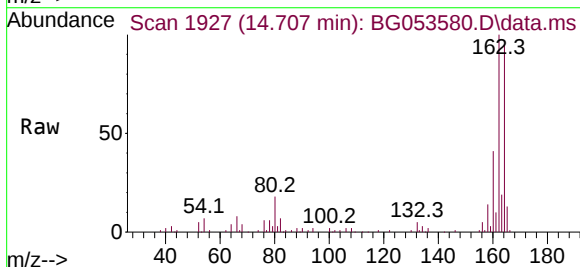
Instrument :
BNA_G
ClientSampleId :
PB144822BL

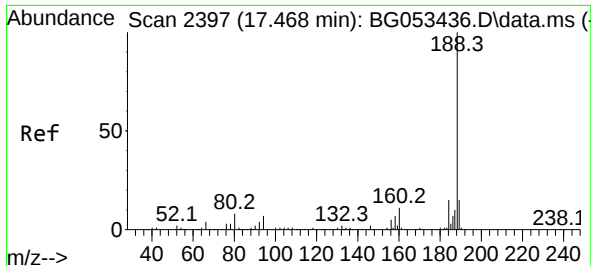
Tgt Ion:165 Resp: 10179
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 3.2 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 5.589 ng
RT: 14.707 min Scan# 1927
Delta R.T. -0.367 min
Lab File: BG053580.D
Acq: 17 May 2022 12:24

Tgt Ion:165 Resp: 10179
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 3.2 60.3 90.5#
182 0.0 2.2 3.4#

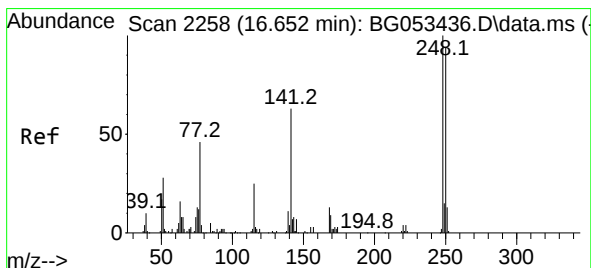
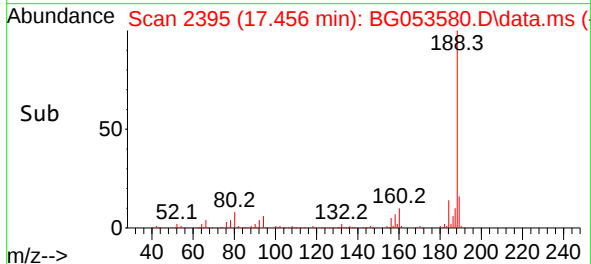
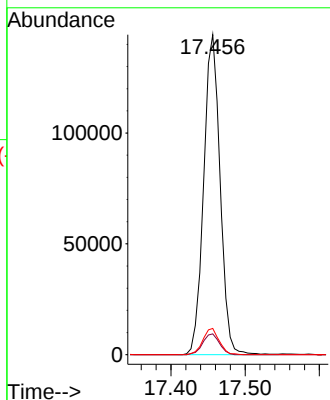
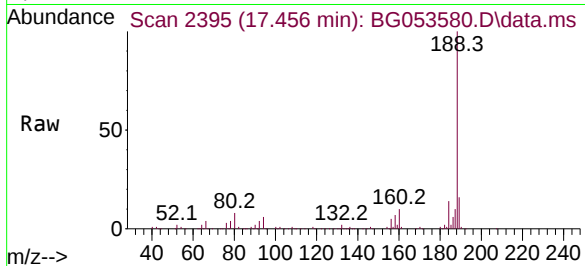




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.456 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG053580.D
Acq: 17 May 2022 12:24

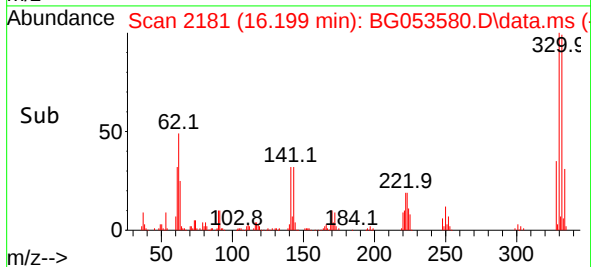
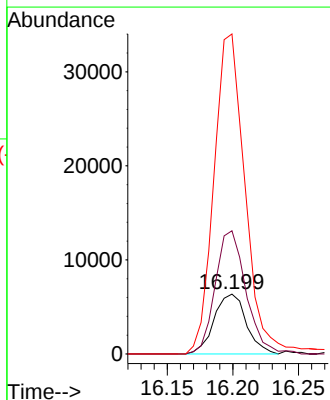
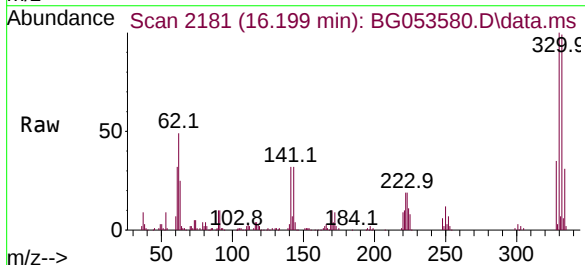
Instrument :
BNA_G
ClientSampleId :
PB144822BL

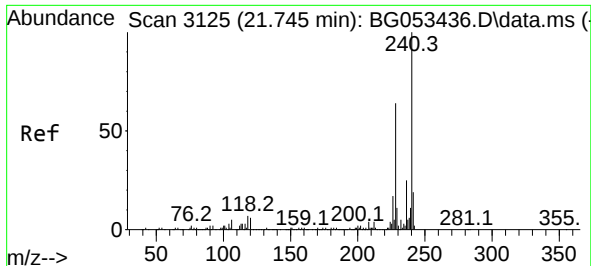
Tgt Ion:188 Resp: 222484
Ion Ratio Lower Upper
188 100
94 6.5 5.4 8.0
80 8.2 6.8 10.2



#67
4-Bromophenyl-phenylether
Concen: 4.170 ng
RT: 16.199 min Scan# 2181
Delta R.T. -0.443 min
Lab File: BG053580.D
Acq: 17 May 2022 12:24

Tgt Ion:248 Resp: 10834
Ion Ratio Lower Upper
248 100
250 205.7 75.2 112.8#
141 534.1 50.0 75.0#

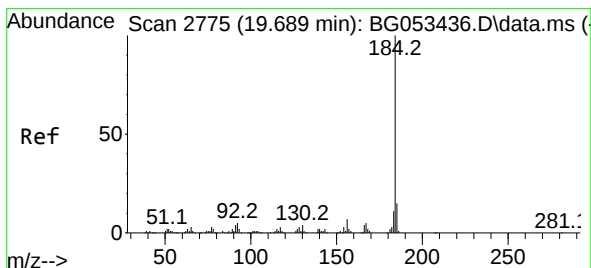
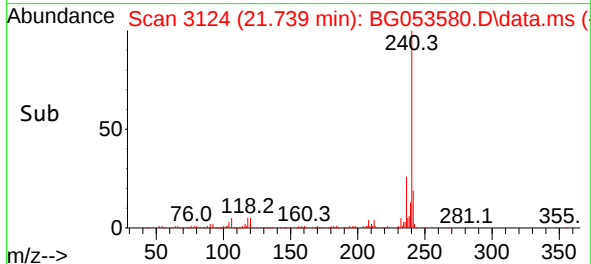
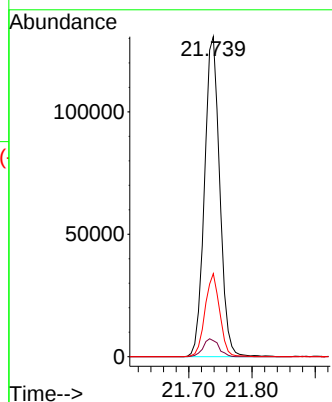
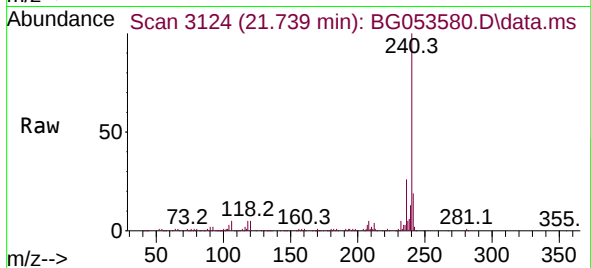




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.739 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG053580.D
Acq: 17 May 2022 12:24

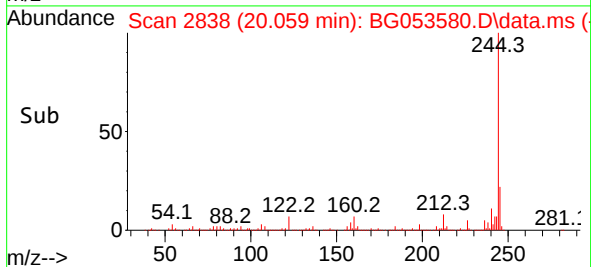
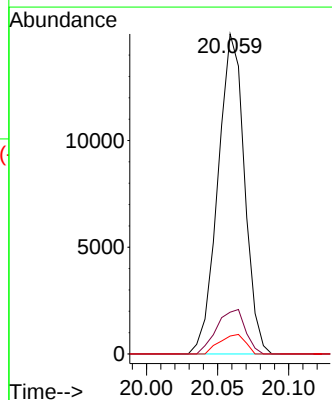
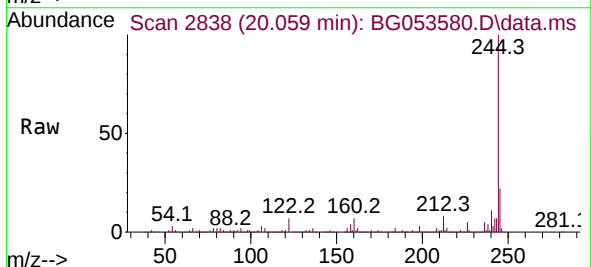
Instrument :
BNA_G
ClientSampleId :
PB144822BL

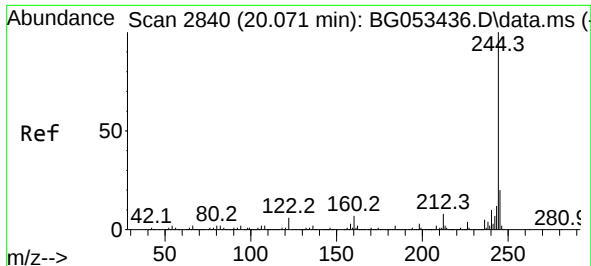
Tgt Ion:240 Resp: 218976
Ion Ratio Lower Upper
240 100
120 5.0 4.6 7.0
236 25.9 20.2 30.4



#77
Benzidine
Concen: 4.120 ng
RT: 20.059 min Scan# 2838
Delta R.T. 0.379 min
Lab File: BG053580.D
Acq: 17 May 2022 12:24

Tgt Ion:184 Resp: 19445
Ion Ratio Lower Upper
184 100
185 13.0 11.8 17.6
183 5.6 8.9 13.3#

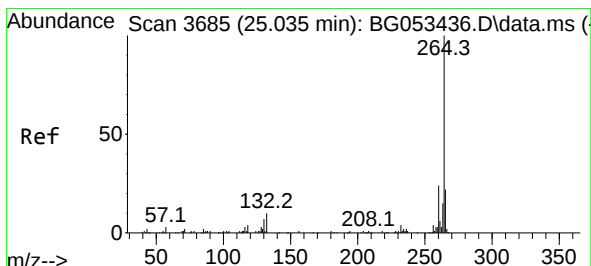
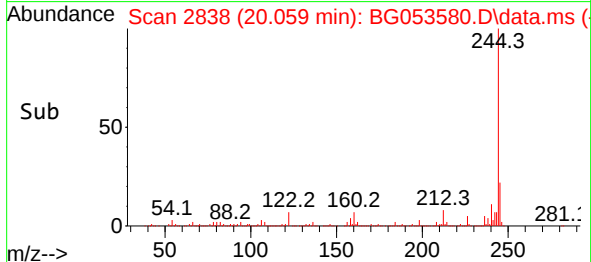
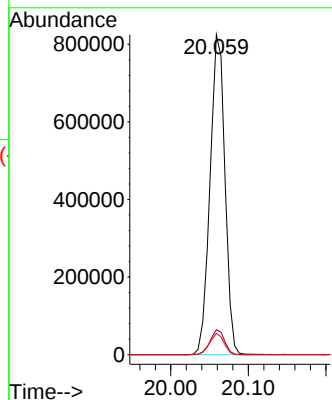
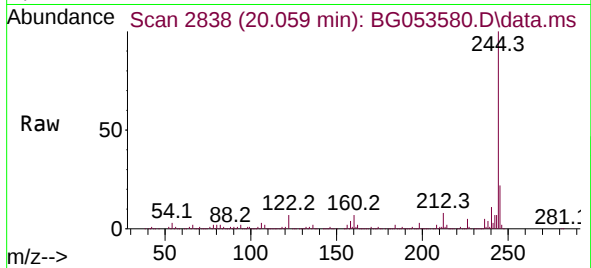




#79
 Terphenyl-d14
 Concen: 93.665 ng
 RT: 20.059 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG053580.D
 Acq: 17 May 2022 12:24

Instrument :
 BNA_G
 ClientSampleId :
 PB144822BL

Tgt Ion:244 Resp: 1101245
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 6.6 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.017 min Scan# 3682
 Delta R.T. -0.003 min
 Lab File: BG053580.D
 Acq: 17 May 2022 12:24

Tgt Ion:264 Resp: 219641
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.6
 265 20.4 17.4 26.2

