

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042222\
 Data File : BG053278.D
 Acq On : 23 Apr 2022 2:04
 Operator : CG/JU
 Sample : N2514-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-16-1A-6

Quant Time: Apr 24 01:17:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

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

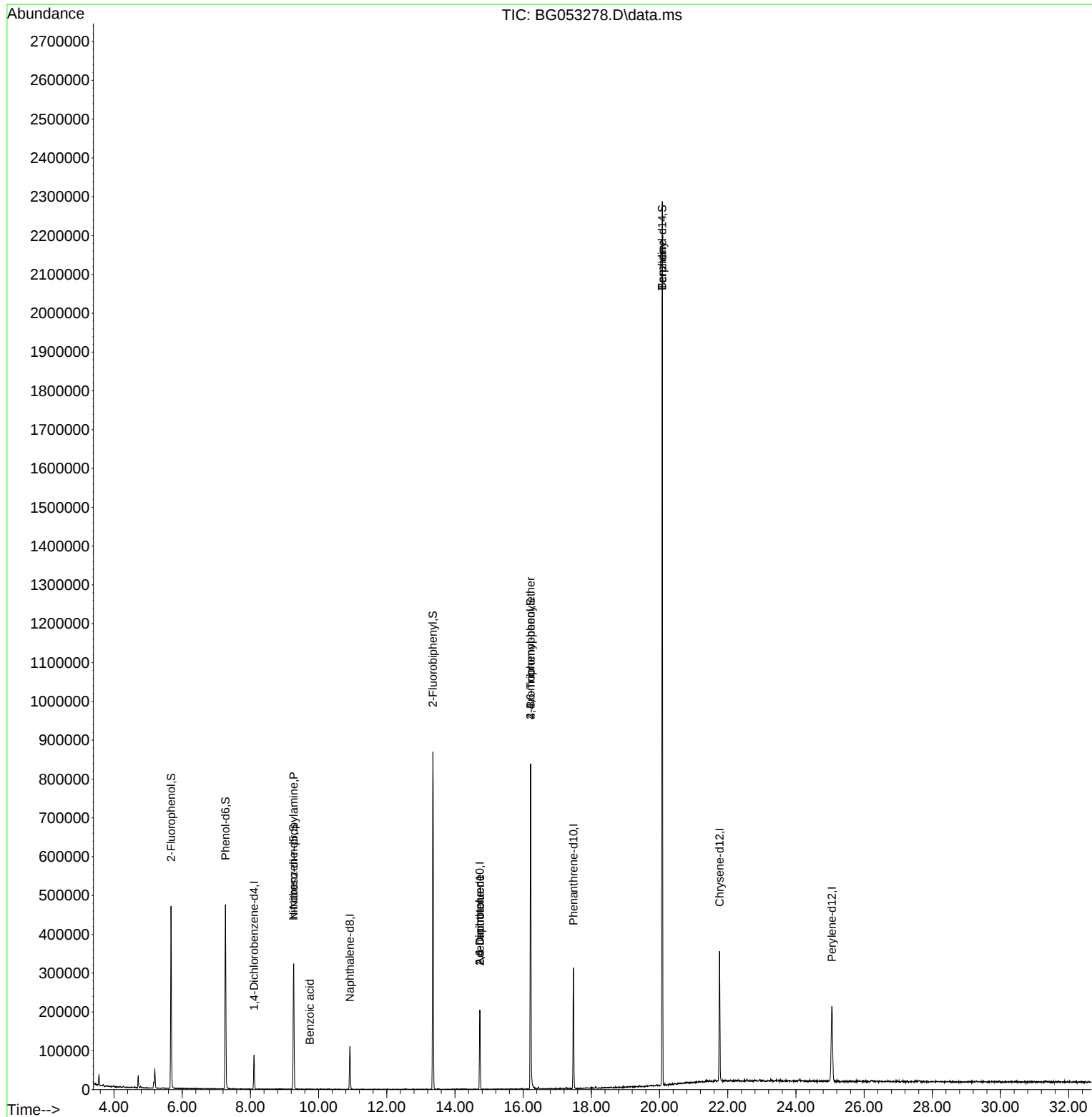
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.108	152	23657	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	94210	20.000	ng	# 0.00
39) Acenaphthene-d10	14.728	164	74273	20.000	ng	0.00
64) Phenanthrene-d10	17.478	188	201818	20.000	ng	# 0.00
76) Chrysene-d12	21.760	240	217239	20.000	ng	0.00
86) Perylene-d12	25.055	264	223211	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.676	112	197675	143.235	ng	0.00
7) Phenol-d6	7.268	99	269583	126.671	ng	0.00
23) Nitrobenzene-d5	9.265	82	210693	90.806	ng	-0.01
42) 2,4,6-Tribromophenol	16.220	330	178146	150.760	ng	0.00
45) 2-Fluorobiphenyl	13.354	172	473050	87.823	ng	0.00
79) Terphenyl-d14	20.080	244	1116505	86.802	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.271	70	29926	19.207	ng	# 72
32) Benzoic acid	9.747	122	54	3.686	ng	# 1
51) 2,6-Dinitrotoluene	14.728	165	9625	7.766	ng	# 25
57) 2,4-Dinitrotoluene	14.728	165	9625	5.455	ng	# 24
67) 4-Bromophenyl-phenylether	16.220	248	11411	4.413	ng	# 1
77) Benzidine	20.080	184	19366	3.124	ng	# 91

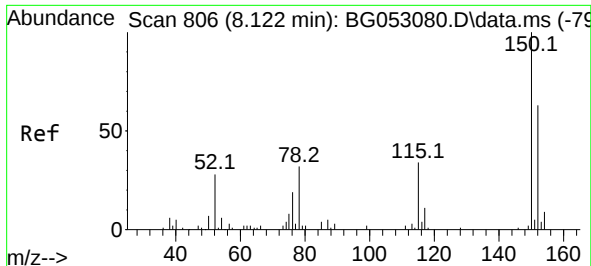
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042222\
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Misc :
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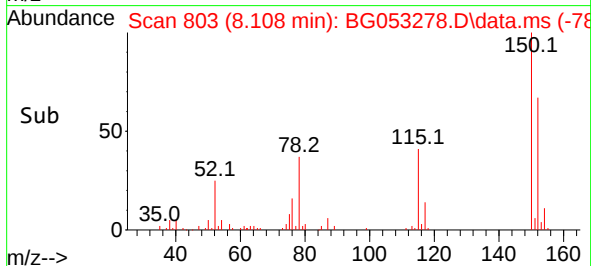
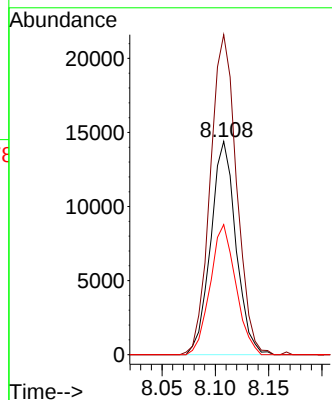
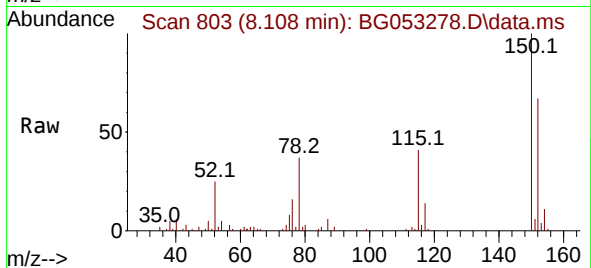




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.108 min Scan# 806
Delta R.T. -0.005 min
Lab File: BG053278.D
Acq: 23 Apr 2022 2:04

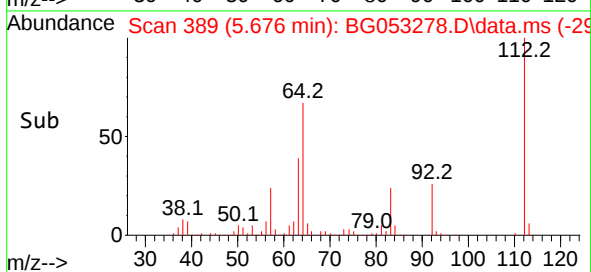
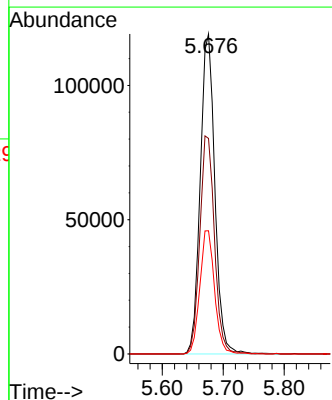
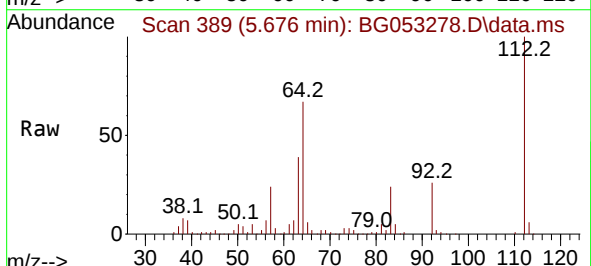
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-6

Tgt Ion:152 Resp: 23657
Ion Ratio Lower Upper
152 100
150 150.1 114.6 172.0
115 61.0 45.9 68.9



#5
2-Fluorophenol
Concen: 143.235 ng
RT: 5.676 min Scan# 389
Delta R.T. 0.000 min
Lab File: BG053278.D
Acq: 23 Apr 2022 2:04

Tgt Ion:112 Resp: 197675
Ion Ratio Lower Upper
112 100
64 67.4 48.0 72.0
63 38.5 26.5 39.7

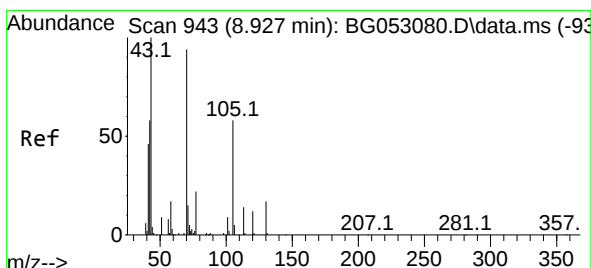
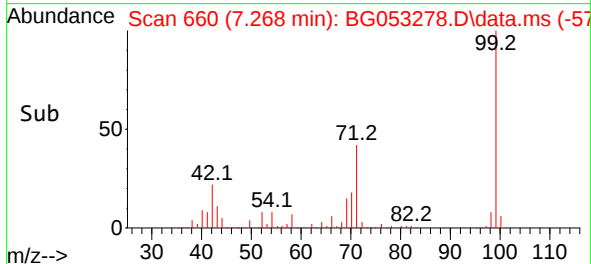
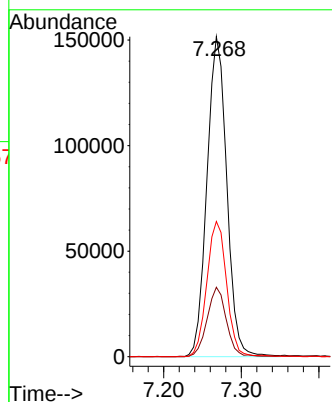
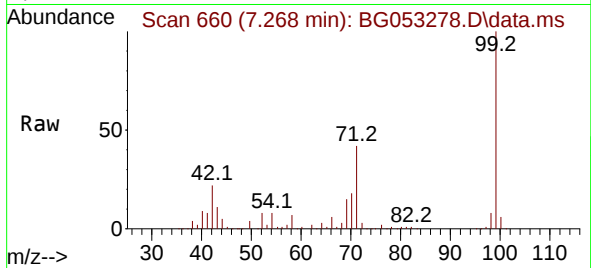




#7
Phenol-d6
Concen: 126.671 ng
RT: 7.268 min Scan# 60
Delta R.T. -0.006 min
Lab File: BG053278.D
Acq: 23 Apr 2022 2:04

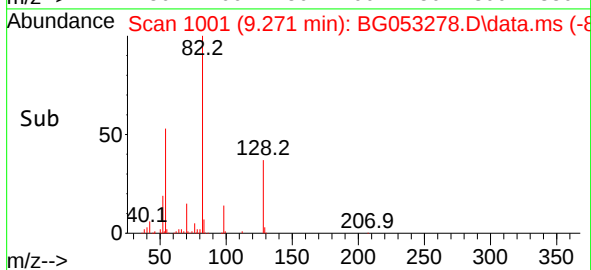
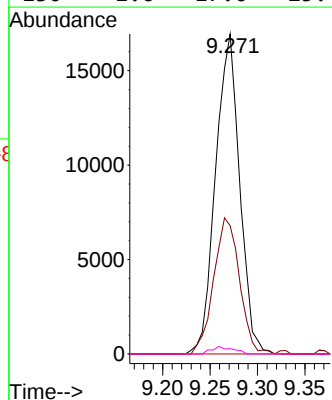
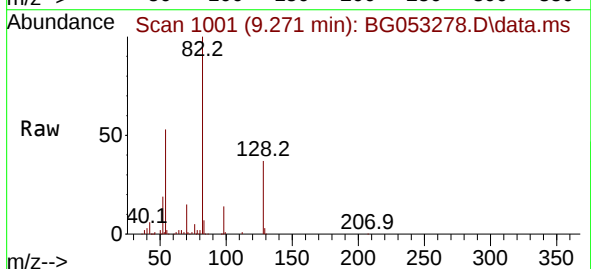
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-6

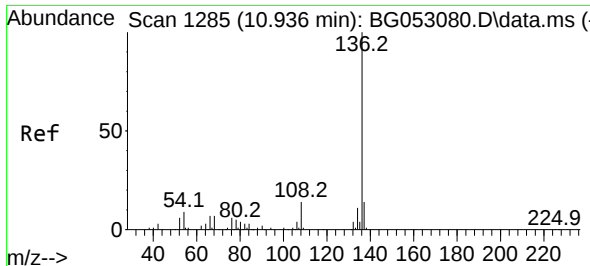
Tgt Ion: 99 Resp: 269583
Ion Ratio Lower Upper
99 100
42 21.7 14.7 22.1
71 42.3 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.207 ng
RT: 9.271 min Scan# 1001
Delta R.T. 0.359 min
Lab File: BG053278.D
Acq: 23 Apr 2022 2:04

Tgt Ion: 70 Resp: 29926
Ion Ratio Lower Upper
70 100
42 40.1 46.0 69.0#
101 0.0 6.2 9.4#
130 1.6 17.0 25.4#

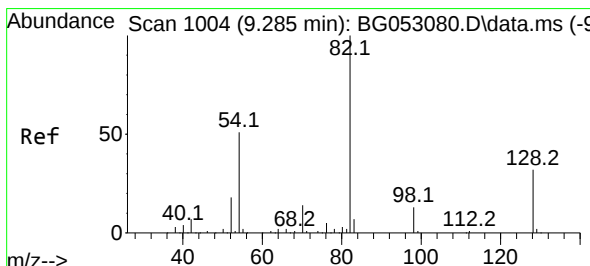
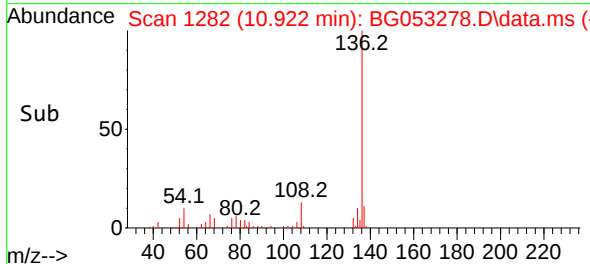
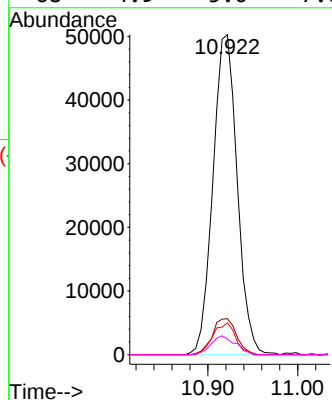
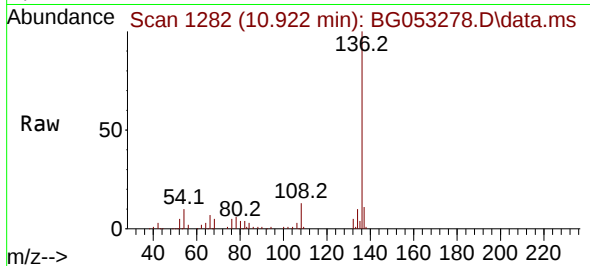




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.922 min Scan# 10922
Delta R.T. 0.000 min
Lab File: BG053278.D
Acq: 23 Apr 2022 2:04

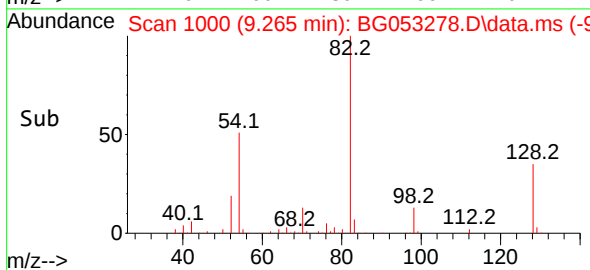
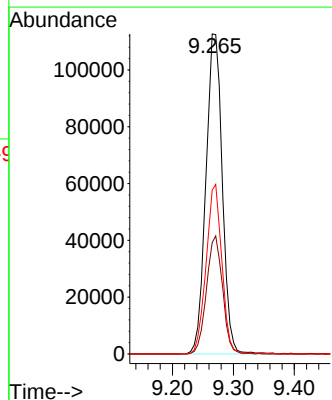
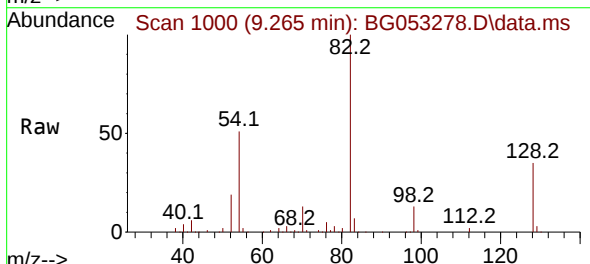
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-6

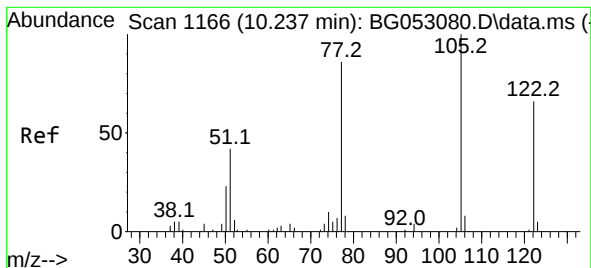
Tgt Ion:	136	Resp:	94210
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.4	14.2
54	10.0	6.4	9.6#
68	4.9	5.0	7.6#



#23
Nitrobenzene-d5
Concen: 90.806 ng
RT: 9.265 min Scan# 10000
Delta R.T. -0.011 min
Lab File: BG053278.D
Acq: 23 Apr 2022 2:04

Tgt Ion:	82	Resp:	210693
Ion Ratio	Lower	Upper	
82	100		
128	34.8	31.3	46.9
54	51.2	37.8	56.8





#32

Benzoic acid

Concen: 3.686 ng

RT: 9.747 min Scan# 1

Delta R.T. -0.487 min

Lab File: BG053278.D

Acq: 23 Apr 2022 2:04

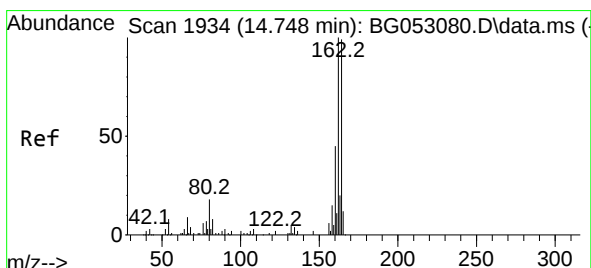
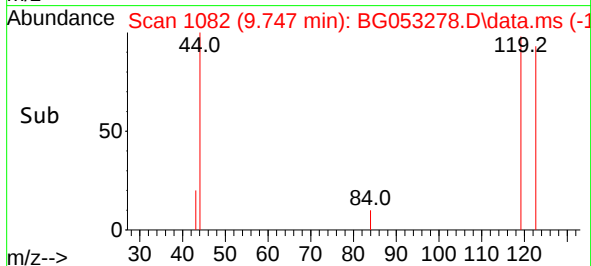
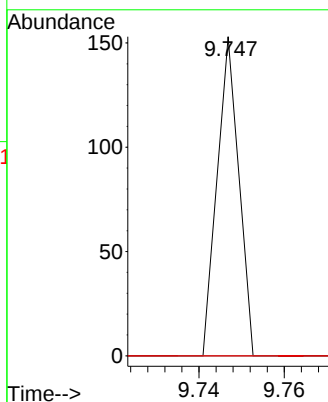
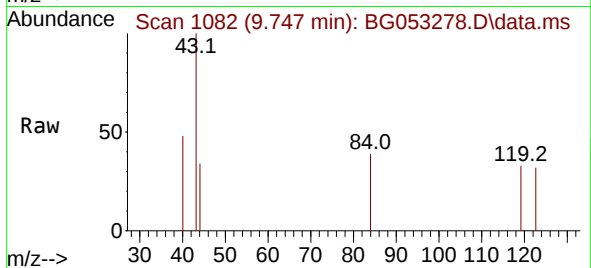
Instrument :

BNA_G

ClientSampleId :

WC-16-1A-6

Tgt Ion:122	Resp:	54
Ion Ratio	Lower	Upper
122	100	
105	0.0	112.8 152.8#
77	0.0	78.4 118.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

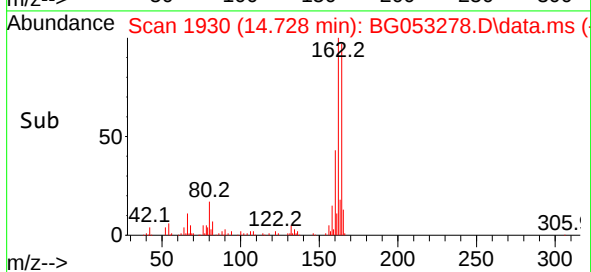
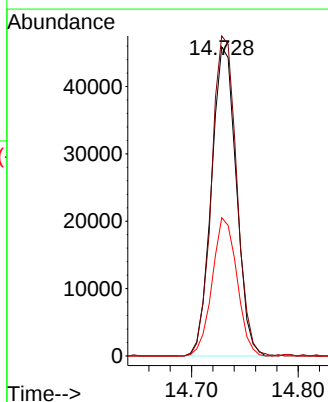
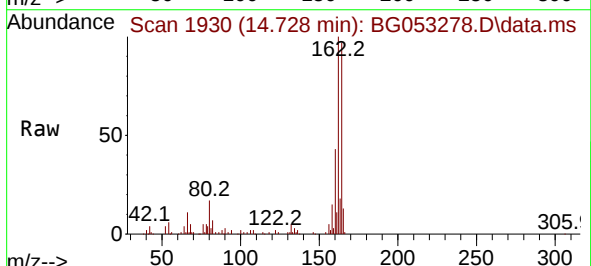
RT: 14.728 min Scan# 1930

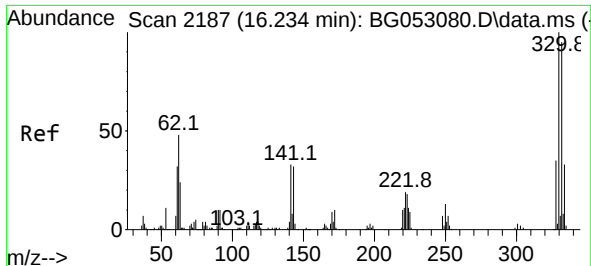
Delta R.T. -0.006 min

Lab File: BG053278.D

Acq: 23 Apr 2022 2:04

Tgt Ion:164	Resp:	74273
Ion Ratio	Lower	Upper
164	100	
162	103.5	80.0 120.0
160	44.7	38.8 58.2

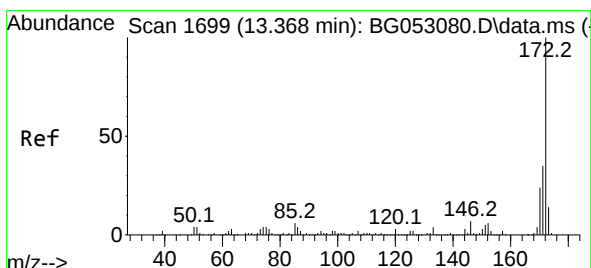
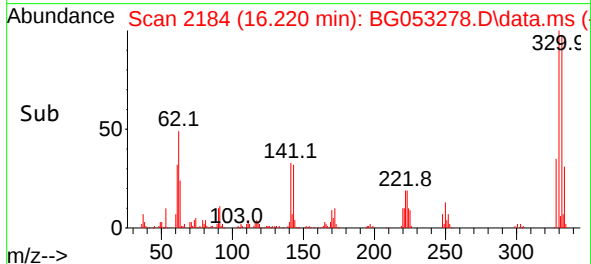
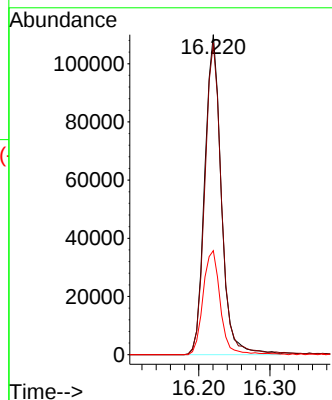
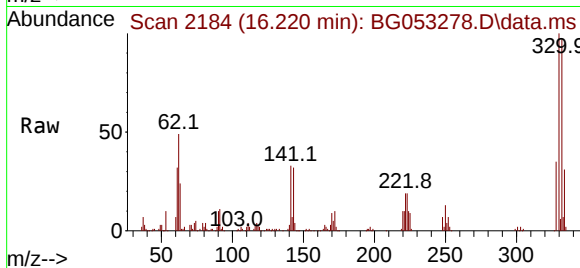




#42
2,4,6-Tribromophenol
Concen: 150.760 ng
RT: 16.220 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BG053278.D
Acq: 23 Apr 2022 2:04

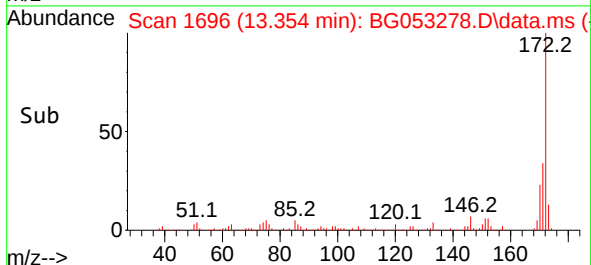
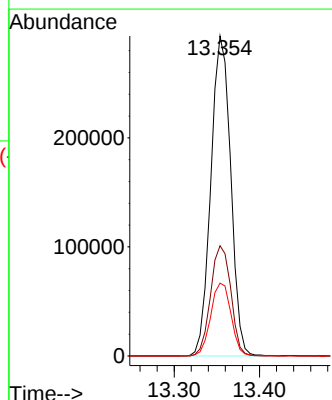
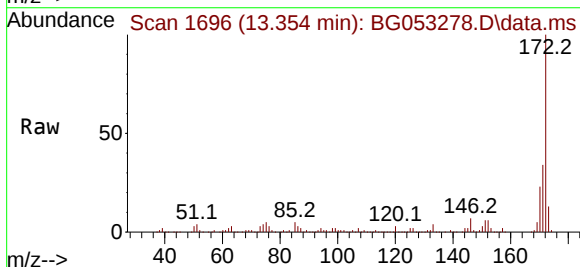
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-6

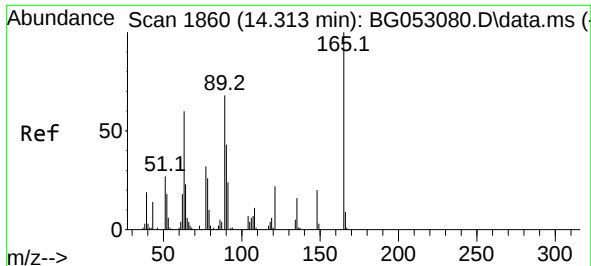
Tgt Ion:330 Resp: 178146
Ion Ratio Lower Upper
330 100
332 98.7 75.8 113.6
141 34.1 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 87.823 ng
RT: 13.354 min Scan# 1696
Delta R.T. -0.006 min
Lab File: BG053278.D
Acq: 23 Apr 2022 2:04

Tgt Ion:172 Resp: 473050
Ion Ratio Lower Upper
172 100
171 34.4 28.3 42.5
170 22.8 18.0 27.0

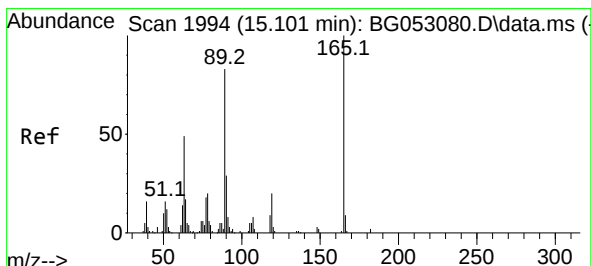
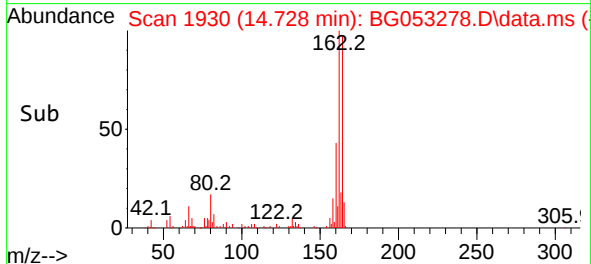
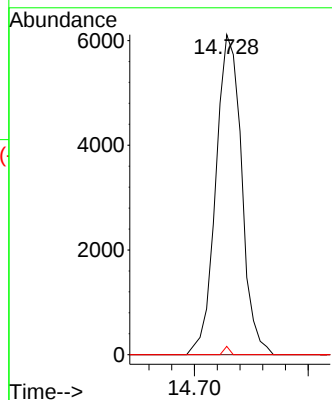
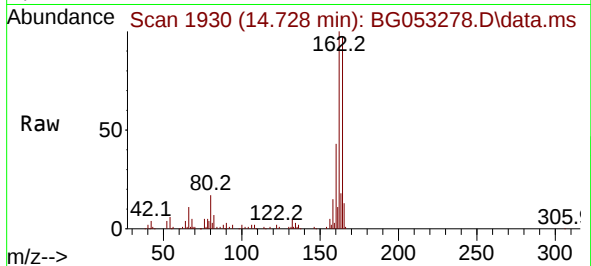




#51
2,6-Dinitrotoluene
Concen: 7.766 ng
RT: 14.728 min Scan# 1930
Delta R.T. 0.423 min
Lab File: BG053278.D
Acq: 23 Apr 2022 2:04

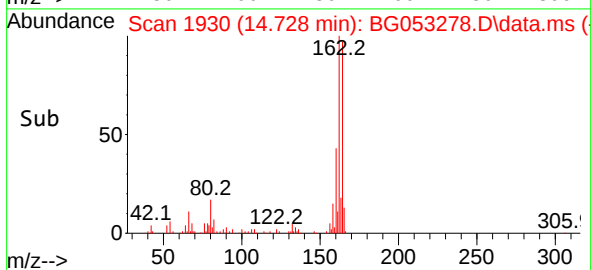
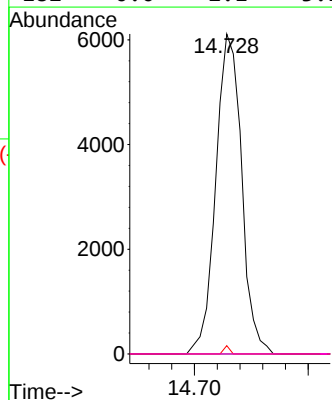
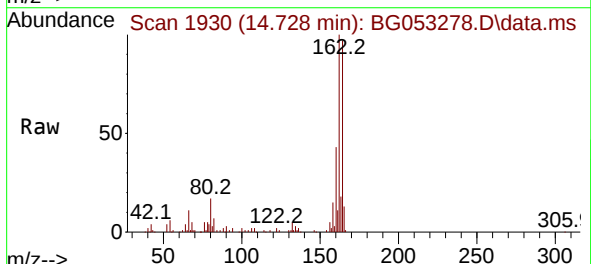
Instrument :
BNA_G
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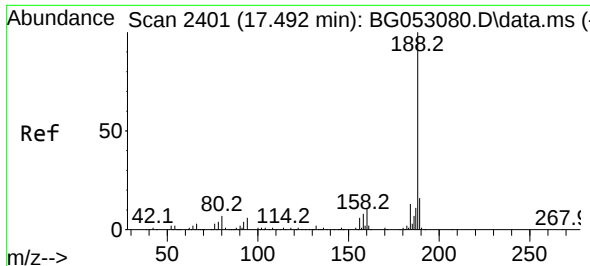
Tgt Ion:165 Resp: 9625
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 2.6 45.0 67.4#



#57
2,4-Dinitrotoluene
Concen: 5.455 ng
RT: 14.728 min Scan# 1930
Delta R.T. -0.364 min
Lab File: BG053278.D
Acq: 23 Apr 2022 2:04

Tgt Ion:165 Resp: 9625
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 2.6 57.4 86.0#
182 0.0 2.1 3.1#

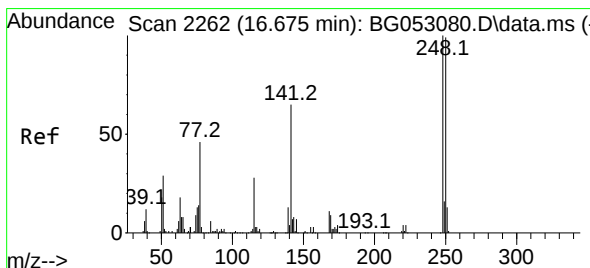
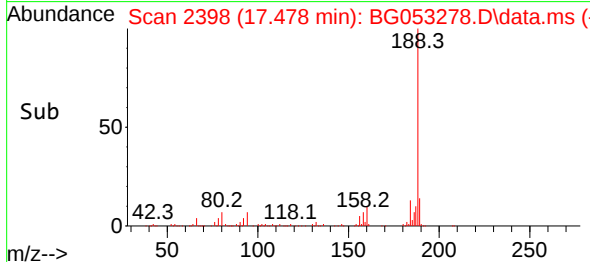
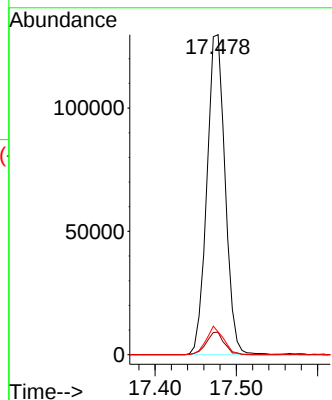
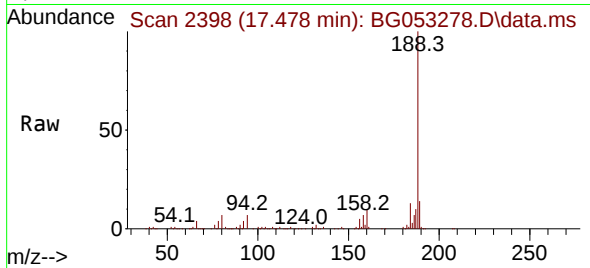




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.478 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BG053278.D
Acq: 23 Apr 2022 2:04

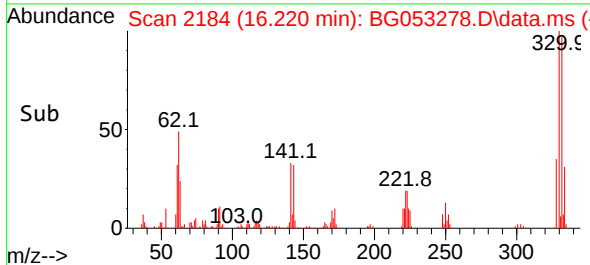
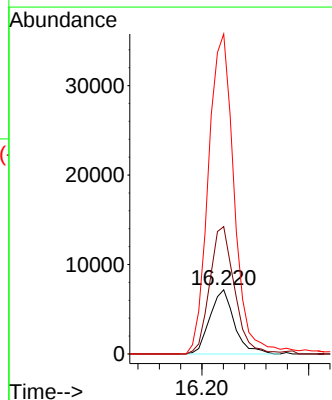
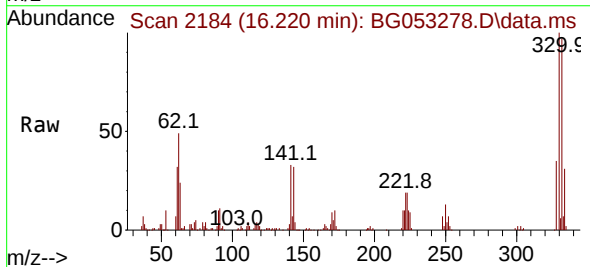
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-6

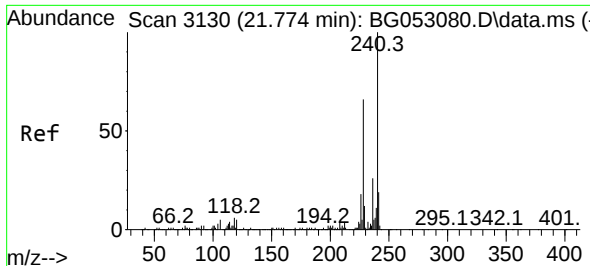
Tgt Ion:188 Resp: 201818
Ion Ratio Lower Upper
188 100
94 7.0 5.7 8.5
80 7.1 7.2 10.8#



#67
4-Bromophenyl-phenylether
Concen: 4.413 ng
RT: 16.220 min Scan# 2184
Delta R.T. -0.440 min
Lab File: BG053278.D
Acq: 23 Apr 2022 2:04

Tgt Ion:248 Resp: 11411
Ion Ratio Lower Upper
248 100
250 198.6 77.9 116.9#
141 498.7 49.2 73.8#

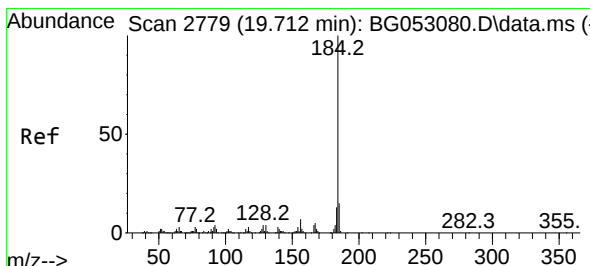
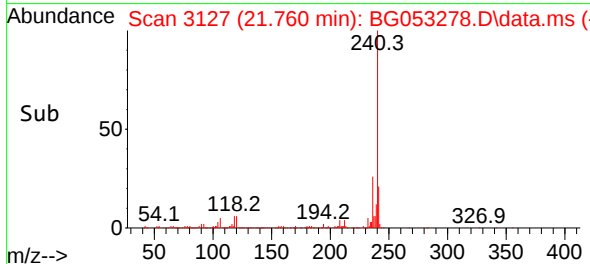
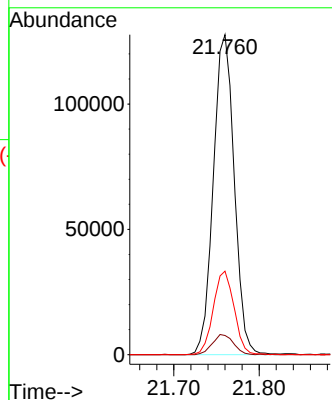
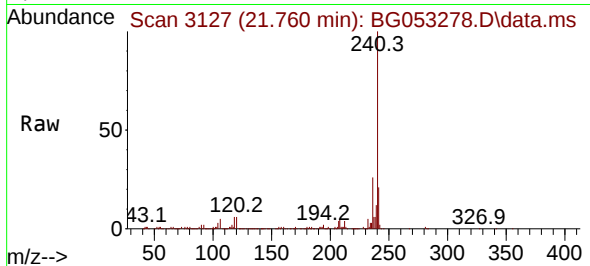




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.760 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG053278.D
Acq: 23 Apr 2022 2:04

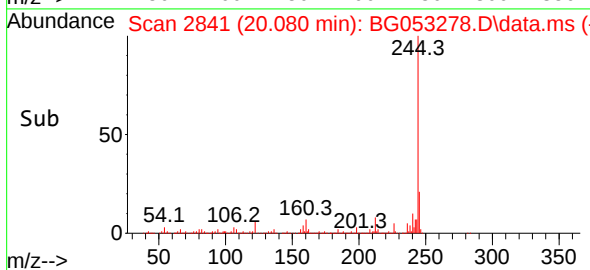
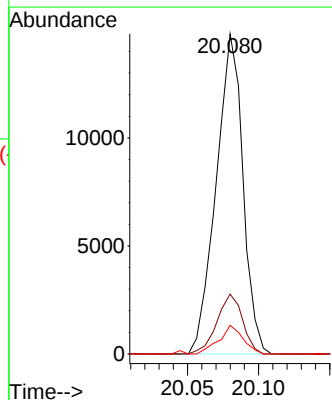
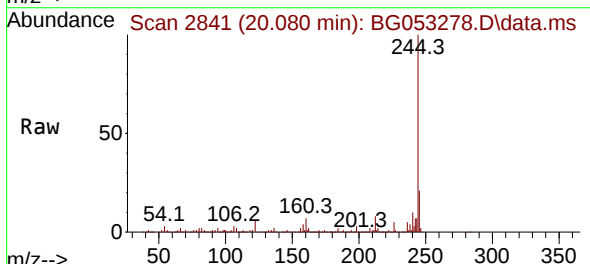
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-6

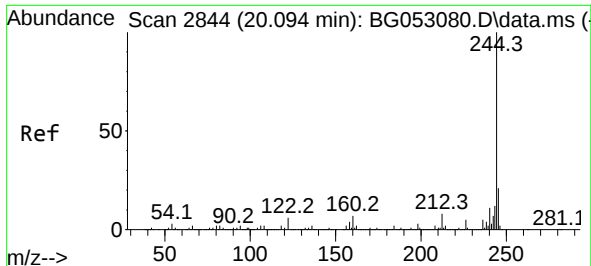
Tgt Ion:240 Resp: 217239
Ion Ratio Lower Upper
240 100
120 6.0 5.4 8.0
236 26.1 19.8 29.6



#77
Benzidine
Concen: 3.124 ng
RT: 20.080 min Scan# 2841
Delta R.T. 0.376 min
Lab File: BG053278.D
Acq: 23 Apr 2022 2:04

Tgt Ion:184 Resp: 19366
Ion Ratio Lower Upper
184 100
185 18.7 11.5 17.3#
183 8.9 9.4 14.2#

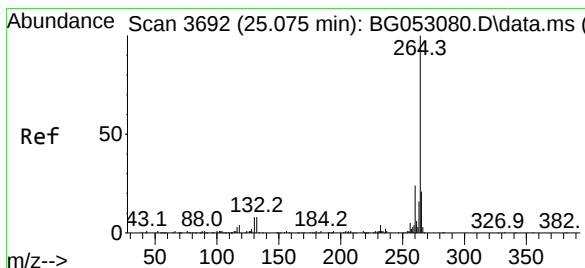
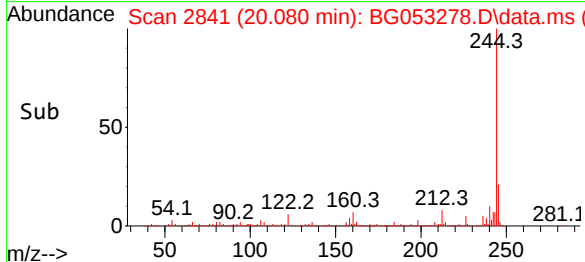
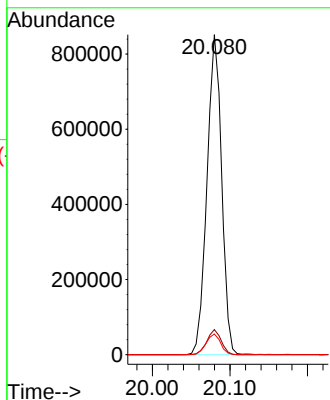
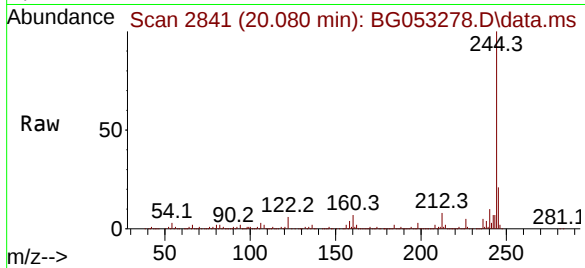




#79
 Terphenyl-d14
 Concen: 86.802 ng
 RT: 20.080 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG053278.D
 Acq: 23 Apr 2022 2:04

Instrument :
 BNA_G
 ClientSampleId :
 WC-16-1A-6

Tgt Ion:244 Resp: 1116505
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.4 8.2
 122 6.5 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.055 min Scan# 3688
 Delta R.T. -0.006 min
 Lab File: BG053278.D
 Acq: 23 Apr 2022 2:04

Tgt Ion:264 Resp: 223211
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.2 27.2
 265 21.2 15.1 22.7

