

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
 Data File : BG053244.D
 Acq On : 21 Apr 2022 16:53
 Operator : CG/JU
 Sample : N2480-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-16-1A-3

Quant Time: Apr 22 02:57:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

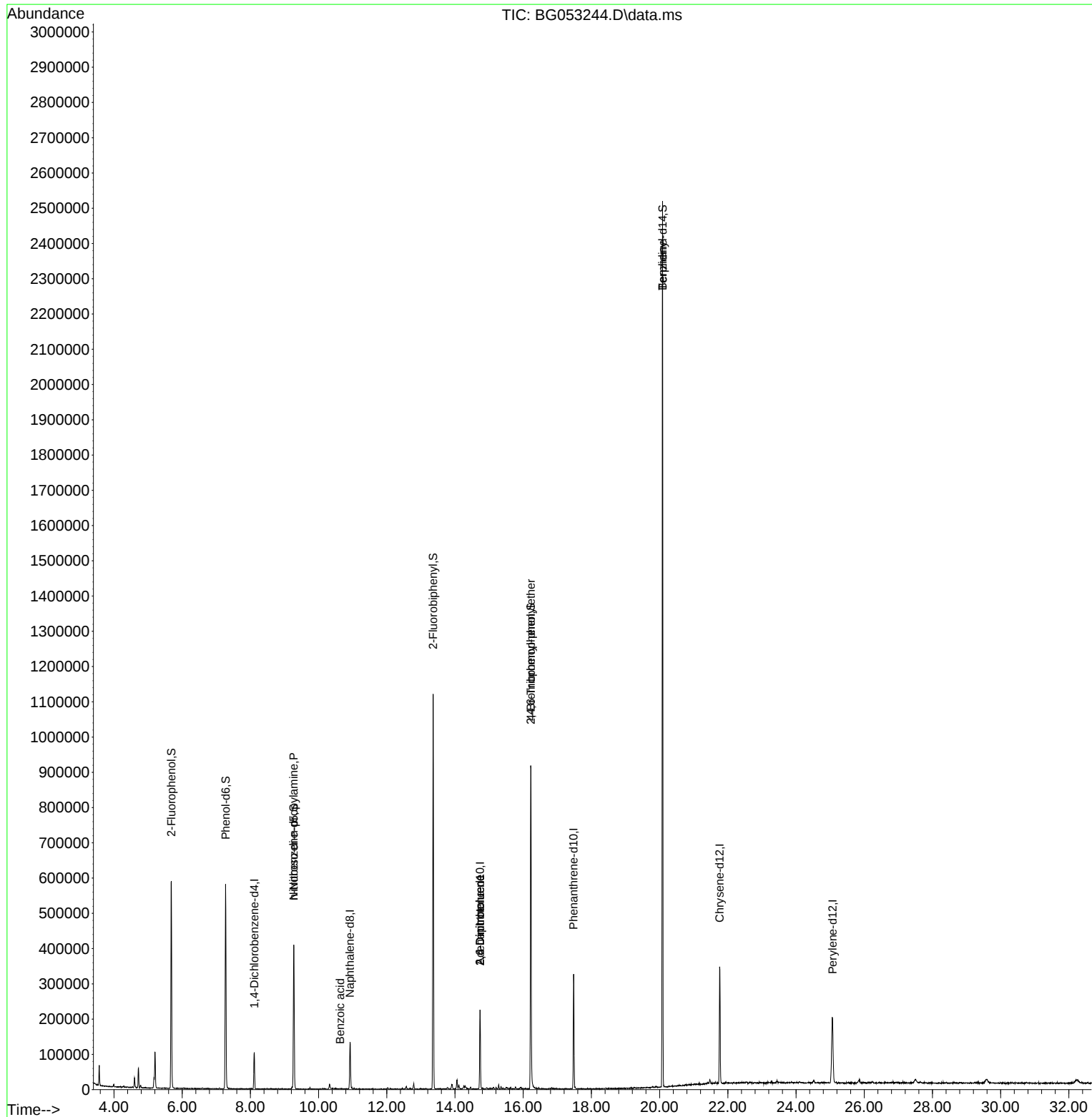
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	29904	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	109287	20.000	ng	-0.01
39) Acenaphthene-d10	14.735	164	81293	20.000	ng	-0.01
64) Phenanthrene-d10	17.478	188	206012	20.000	ng	-0.01
76) Chrysene-d12	21.760	240	220544	20.000	ng	-0.01
86) Perylene-d12	25.068	264	219871	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.682	112	244409	140.102	ng	0.00
7) Phenol-d6	7.274	99	324808	120.737	ng	0.00
23) Nitrobenzene-d5	9.271	82	266416	98.982	ng	-0.01
42) 2,4,6-Tribromophenol	16.227	330	197282	152.537	ng	0.00
45) 2-Fluorobiphenyl	13.360	172	585126	99.250	ng	0.00
79) Terphenyl-d14	20.086	244	1261583	96.611	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.271	70	38545	19.571	ng	# 74
32) Benzoic acid	10.634	122	357	3.953	ng	94
51) 2,6-Dinitrotoluene	14.735	165	10700	7.888	ng	# 26
57) 2,4-Dinitrotoluene	14.735	165	10700	5.541	ng	# 24
67) 4-Bromophenyl-phenylether	16.221	248	12880	4.879	ng	# 1
77) Benzidine	20.086	184	21309	3.386	ng	# 95

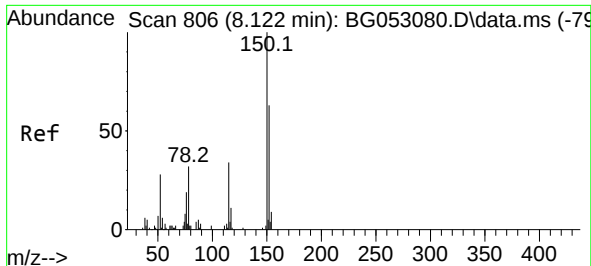
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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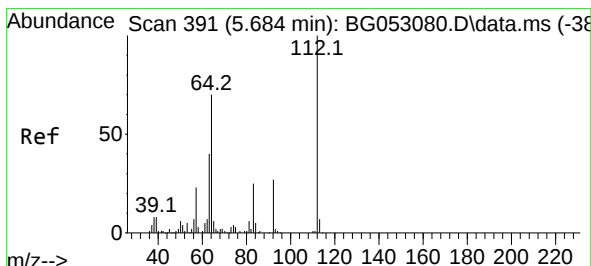
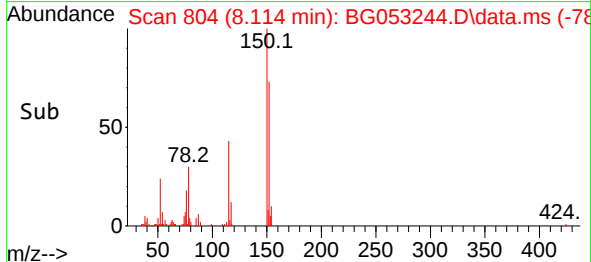
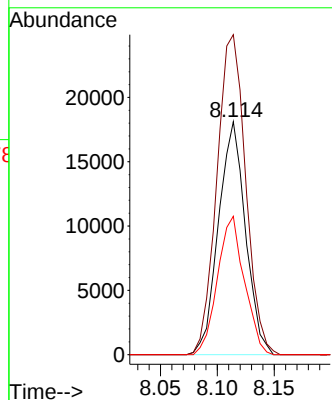
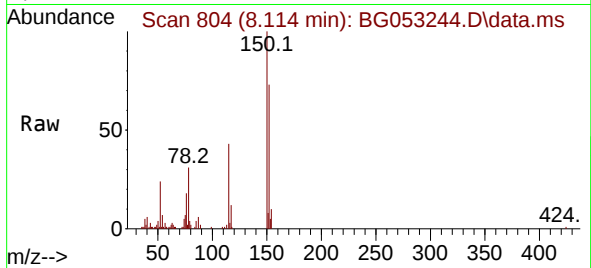




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.114 min Scan# 806
Delta R.T. -0.008 min
Lab File: BG053244.D
Acq: 21 Apr 2022 16:53

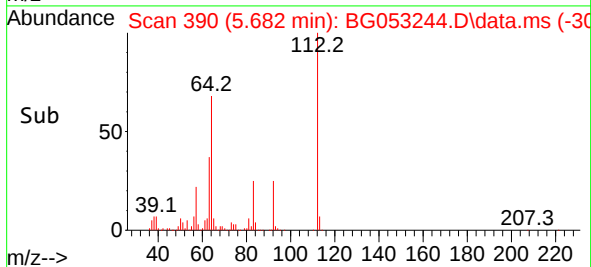
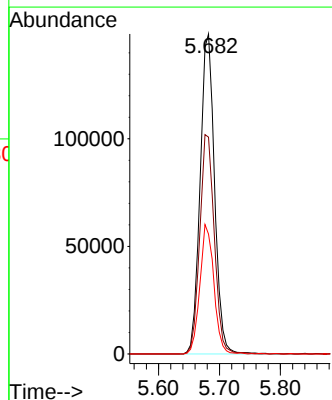
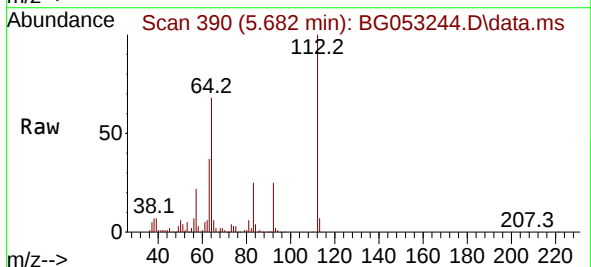
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-3

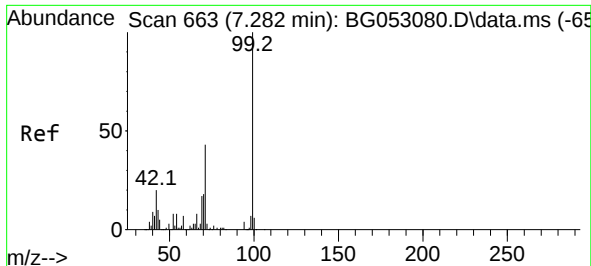
Tgt Ion:152 Resp: 29904
Ion Ratio Lower Upper
152 100
150 137.4 114.6 172.0
115 59.4 45.9 68.9



#5
2-Fluorophenol
Concen: 140.102 ng
RT: 5.682 min Scan# 390
Delta R.T. -0.002 min
Lab File: BG053244.D
Acq: 21 Apr 2022 16:53

Tgt Ion:112 Resp: 244409
Ion Ratio Lower Upper
112 100
64 67.8 48.0 72.0
63 37.5 26.5 39.7

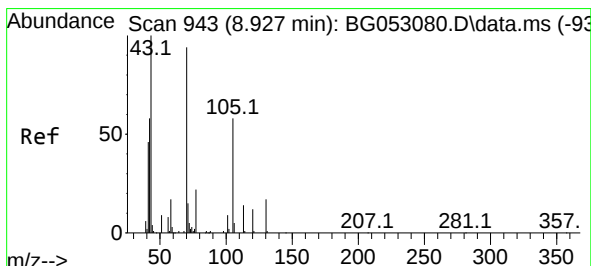
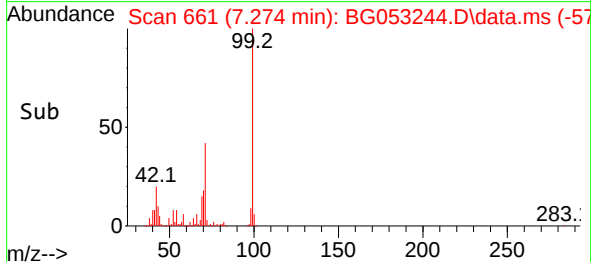
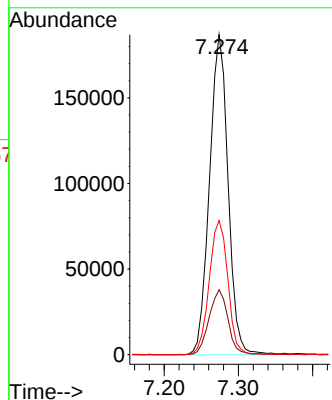
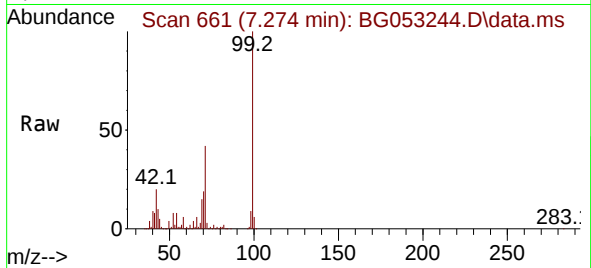




#7
Phenol-d6
Concen: 120.737 ng
RT: 7.274 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG053244.D
Acq: 21 Apr 2022 16:53

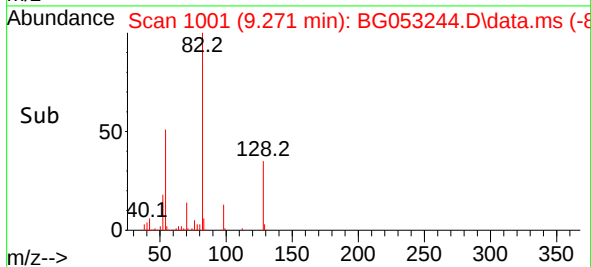
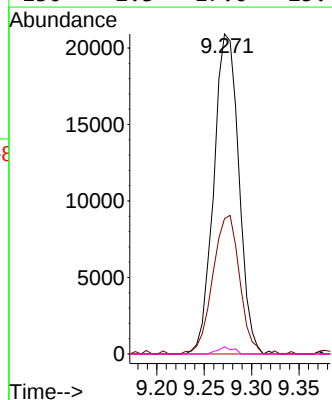
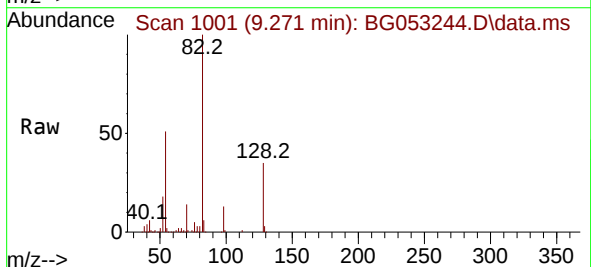
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-3

Tgt Ion: 99 Resp: 324808
Ion Ratio Lower Upper
99 100
42 20.3 14.7 22.1
71 41.9 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.571 ng
RT: 9.271 min Scan# 1001
Delta R.T. 0.345 min
Lab File: BG053244.D
Acq: 21 Apr 2022 16:53

Tgt Ion: 70 Resp: 38545
Ion Ratio Lower Upper
70 100
42 42.3 46.0 69.0#
101 0.0 6.2 9.4#
130 2.3 17.0 25.4#

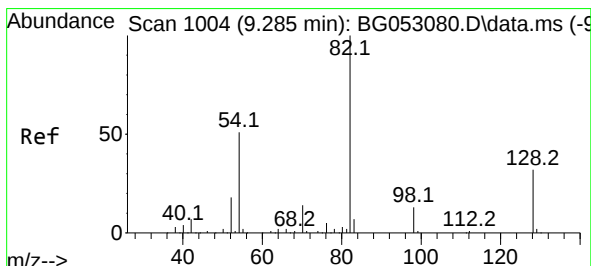
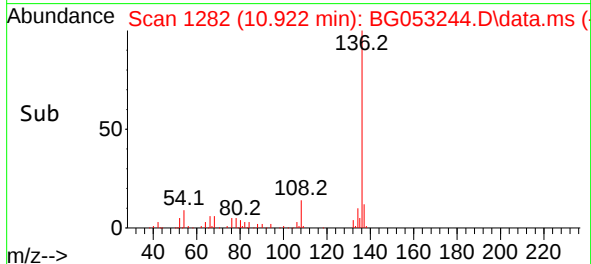
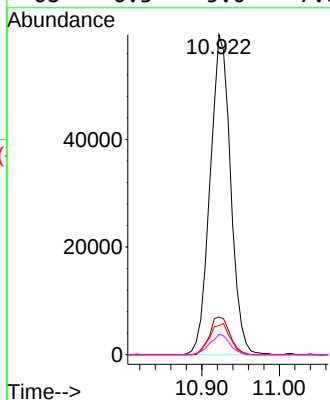
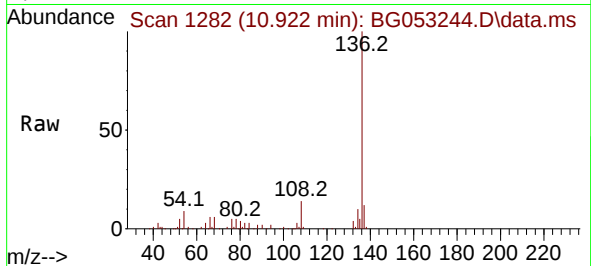




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.922 min Scan# 1092
Delta R.T. -0.014 min
Lab File: BG053244.D
Acq: 21 Apr 2022 16:53

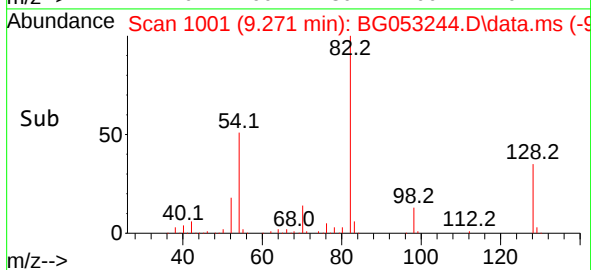
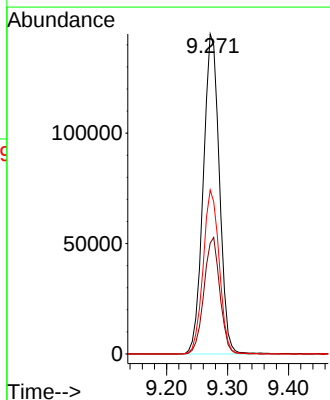
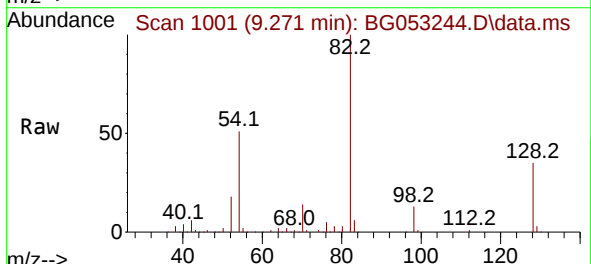
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-3

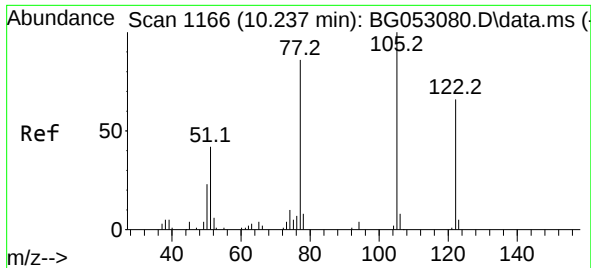
Tgt Ion:	136	Resp:	109287
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.4	14.2
54	9.1	6.4	9.6
68	6.3	5.0	7.6



#23
Nitrobenzene-d5
Concen: 98.982 ng
RT: 9.271 min Scan# 1001
Delta R.T. -0.014 min
Lab File: BG053244.D
Acq: 21 Apr 2022 16:53

Tgt Ion:	82	Resp:	266416
Ion Ratio	Lower	Upper	
82	100		
128	34.6	31.3	46.9
54	51.3	37.8	56.8

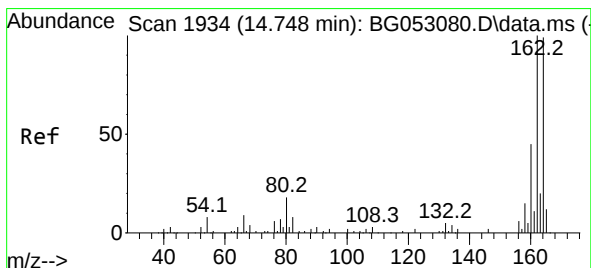
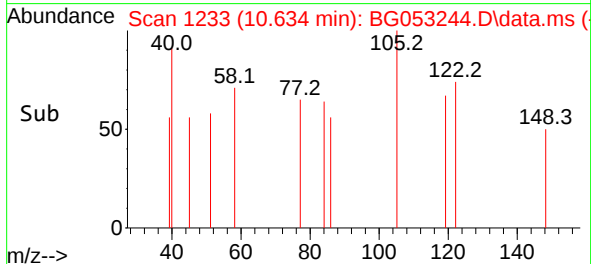
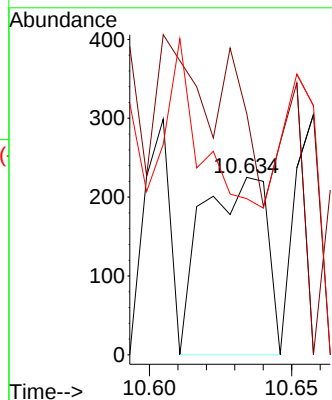
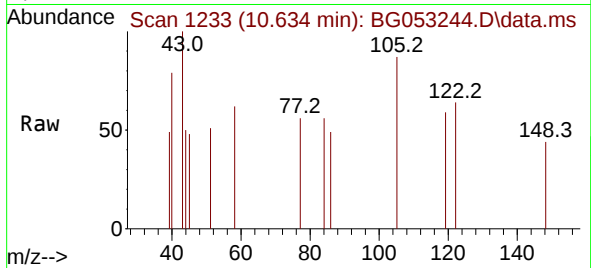




#32
Benzoic acid
Concen: 3.953 ng
RT: 10.634 min Scan# 1166
Delta R.T. 0.397 min
Lab File: BG053244.D
Acq: 21 Apr 2022 16:53

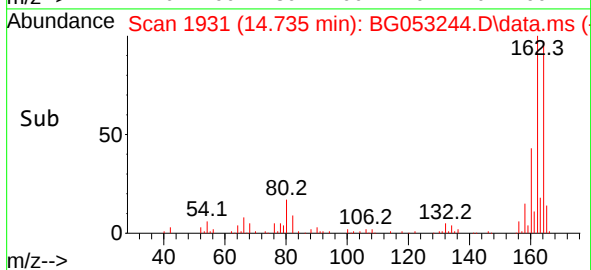
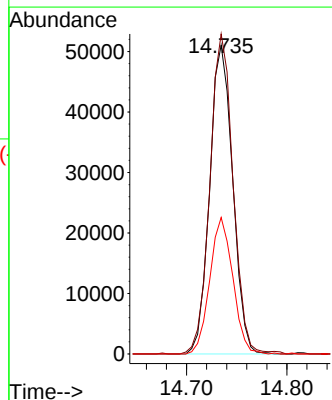
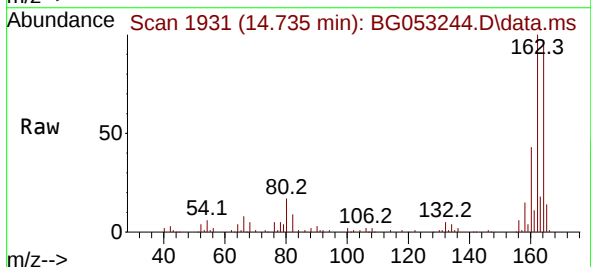
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-3

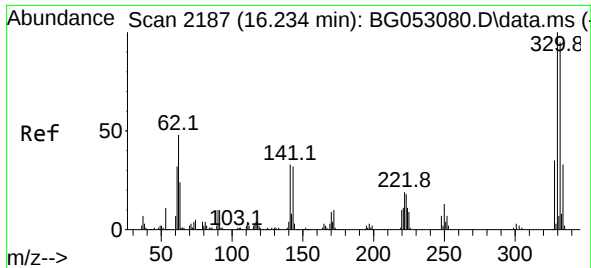
Tgt Ion:122 Resp: 357
Ion Ratio Lower Upper
122 100
105 136.0 112.8 152.8
77 88.0 78.4 118.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.735 min Scan# 1931
Delta R.T. -0.014 min
Lab File: BG053244.D
Acq: 21 Apr 2022 16:53

Tgt Ion:164 Resp: 81293
Ion Ratio Lower Upper
164 100
162 103.6 80.0 120.0
160 44.2 38.8 58.2

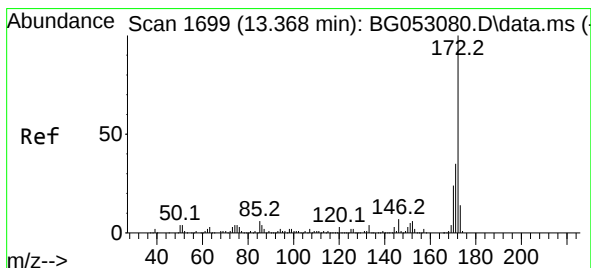
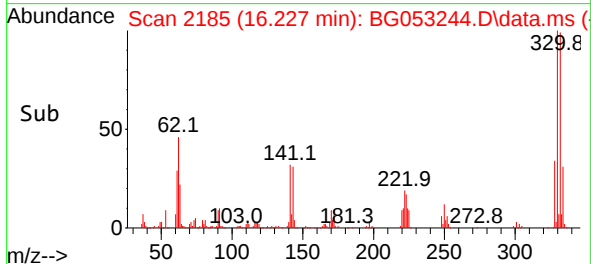
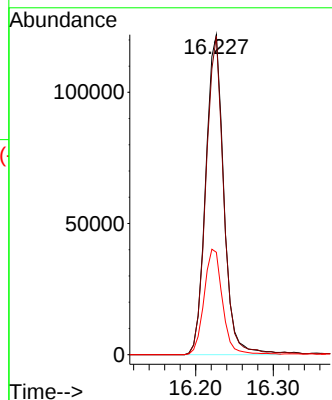
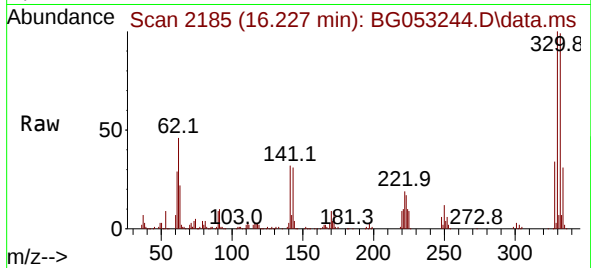




#42
2,4,6-Tribromophenol
Concen: 152.537 ng
RT: 16.227 min Scan# 2185
Delta R.T. -0.008 min
Lab File: BG053244.D
Acq: 21 Apr 2022 16:53

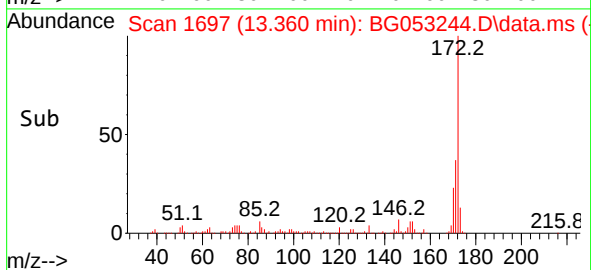
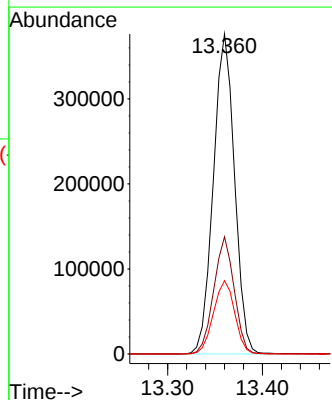
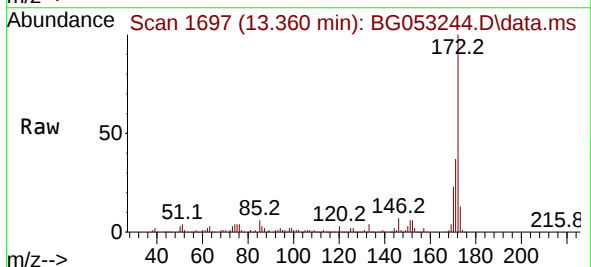
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ClientSampleId :
WC-16-1A-3

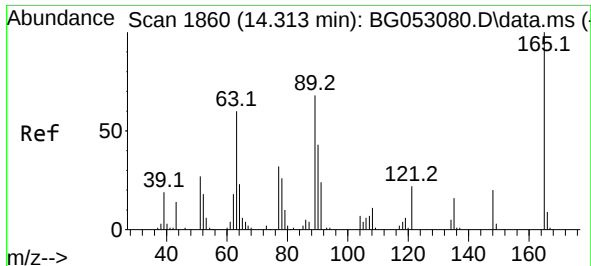
Tgt Ion:330 Resp: 197282
Ion Ratio Lower Upper
330 100
332 97.5 75.8 113.6
141 33.8 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 99.250 ng
RT: 13.360 min Scan# 1697
Delta R.T. -0.008 min
Lab File: BG053244.D
Acq: 21 Apr 2022 16:53

Tgt Ion:172 Resp: 585126
Ion Ratio Lower Upper
172 100
171 36.6 28.3 42.5
170 22.9 18.0 27.0

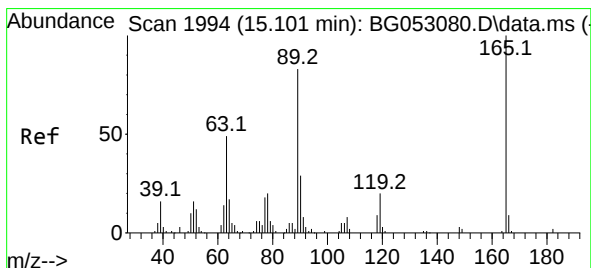
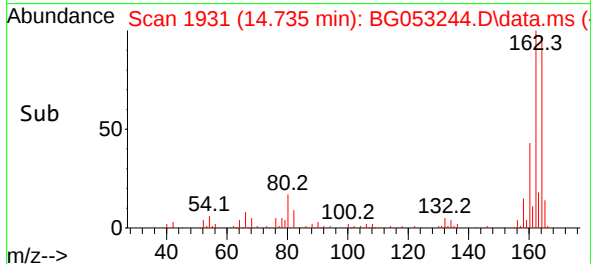
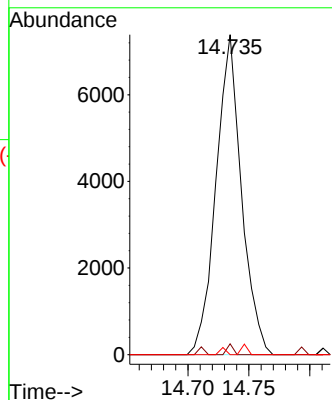
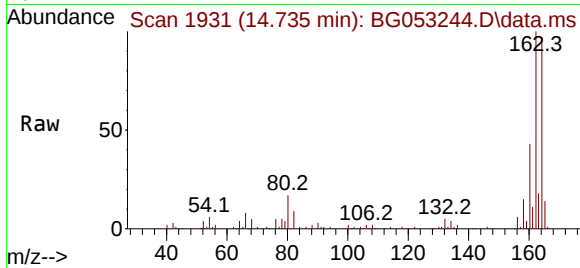




#51
2,6-Dinitrotoluene
Concen: 7.888 ng
RT: 14.735 min Scan# 1931
Delta R.T. 0.421 min
Lab File: BG053244.D
Acq: 21 Apr 2022 16:53

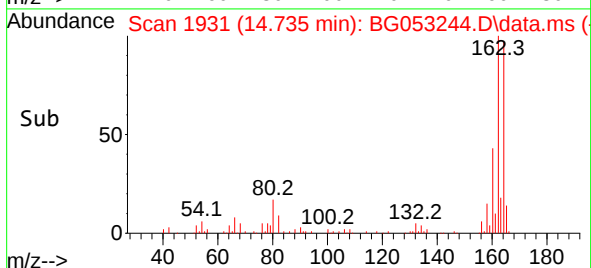
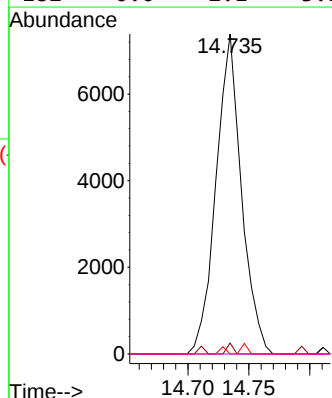
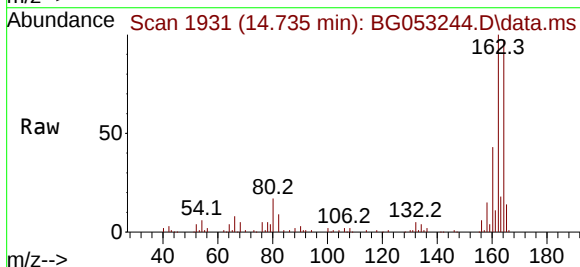
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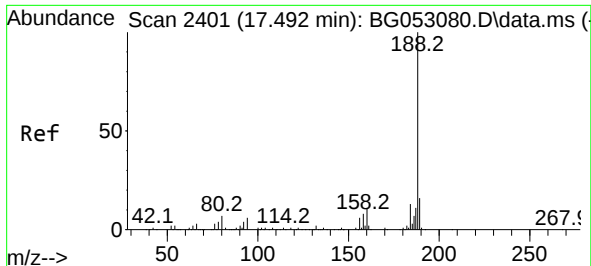
Tgt Ion:165 Resp: 10700
Ion Ratio Lower Upper
165 100
63 3.4 43.7 65.5#
89 0.0 45.0 67.4#



#57
2,4-Dinitrotoluene
Concen: 5.541 ng
RT: 14.735 min Scan# 1931
Delta R.T. -0.366 min
Lab File: BG053244.D
Acq: 21 Apr 2022 16:53

Tgt Ion:165 Resp: 10700
Ion Ratio Lower Upper
165 100
63 3.4 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#

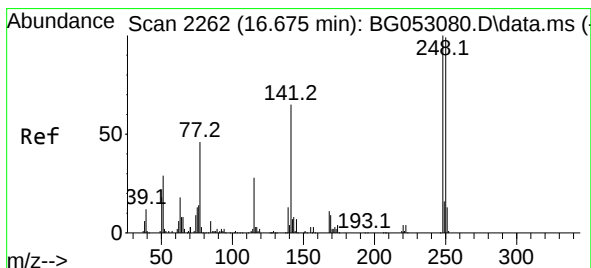
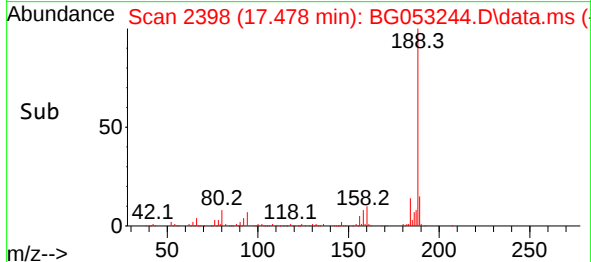
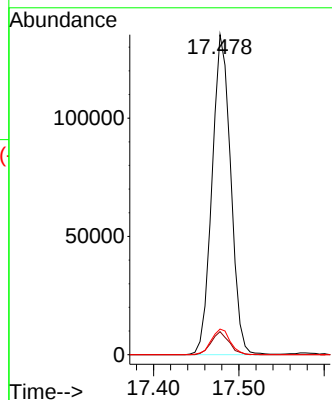
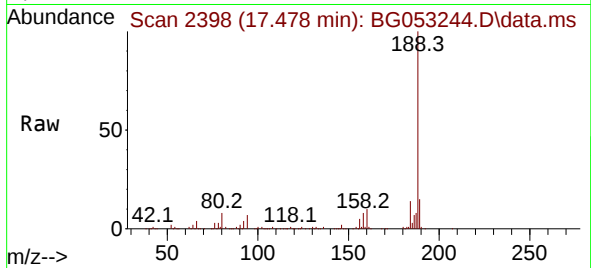




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.478 min Scan# 2184
Delta R.T. -0.014 min
Lab File: BG053244.D
Acq: 21 Apr 2022 16:53

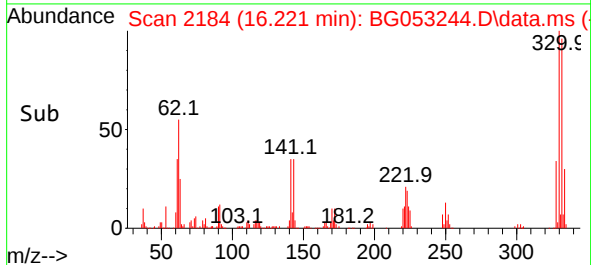
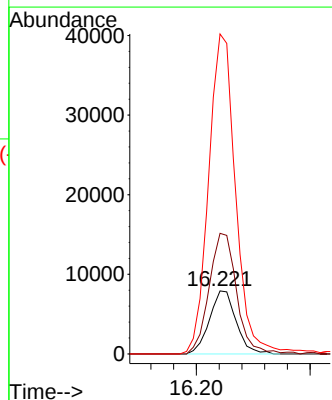
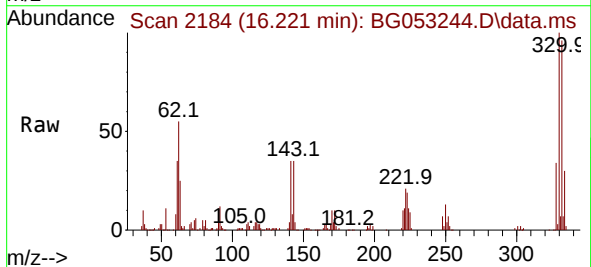
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-3

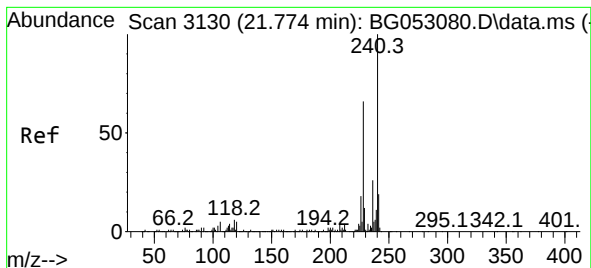
Tgt Ion:188 Resp: 206012
Ion Ratio Lower Upper
188 100
94 7.2 5.7 8.5
80 8.0 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 4.879 ng
RT: 16.221 min Scan# 2184
Delta R.T. -0.454 min
Lab File: BG053244.D
Acq: 21 Apr 2022 16:53

Tgt Ion:248 Resp: 12880
Ion Ratio Lower Upper
248 100
250 191.3 77.9 116.9#
141 507.6 49.2 73.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.760 min Scan# 31

Delta R.T. -0.014 min

Lab File: BG053244.D

Acq: 21 Apr 2022 16:53

Instrument :

BNA_G

ClientSampleId :

WC-16-1A-3

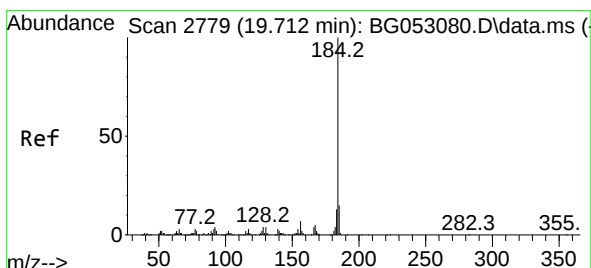
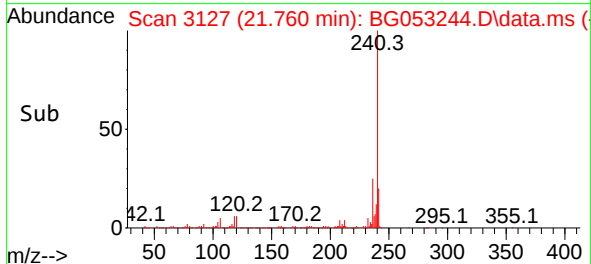
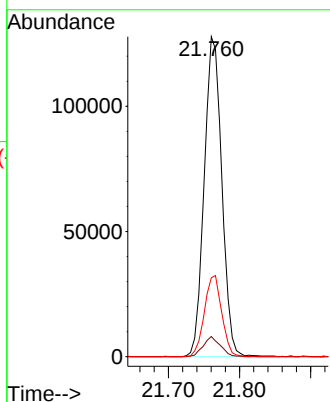
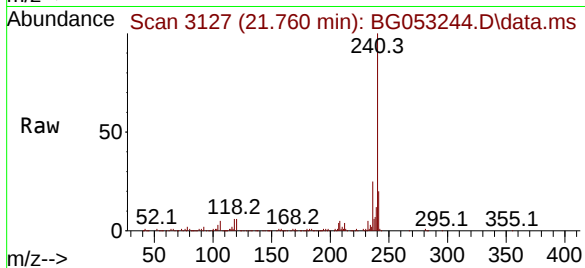
Tgt Ion:240 Resp: 220544

Ion Ratio Lower Upper

240 100

120 6.3 5.4 8.0

236 24.7 19.8 29.6



#77

Benzidine

Concen: 3.386 ng

RT: 20.086 min Scan# 2842

Delta R.T. 0.374 min

Lab File: BG053244.D

Acq: 21 Apr 2022 16:53

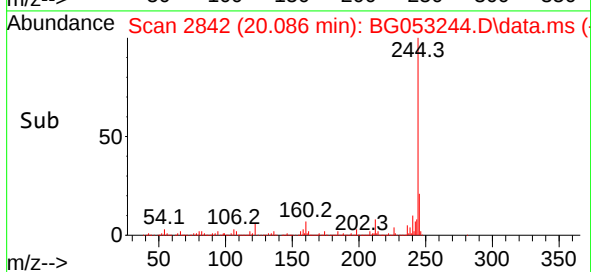
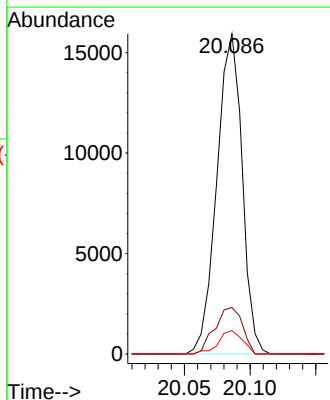
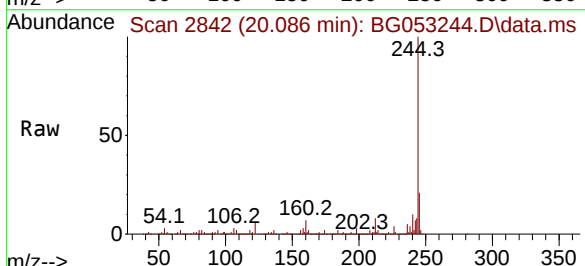
Tgt Ion:184 Resp: 21309

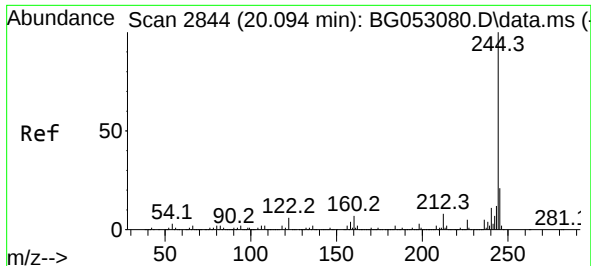
Ion Ratio Lower Upper

184 100

185 14.5 11.5 17.3

183 7.3 9.4 14.2#

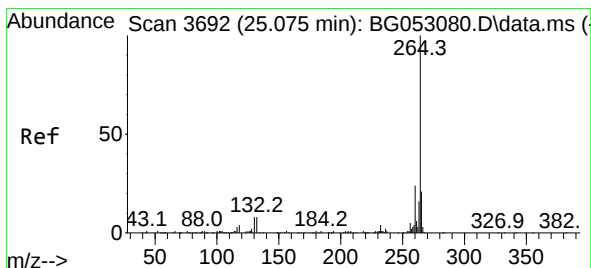
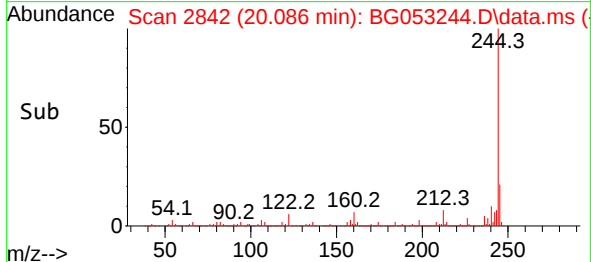
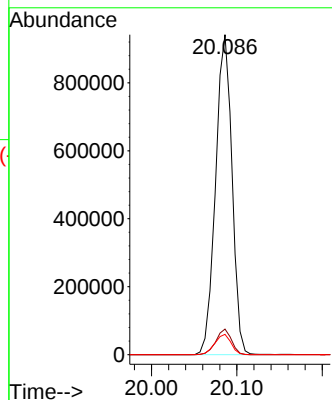
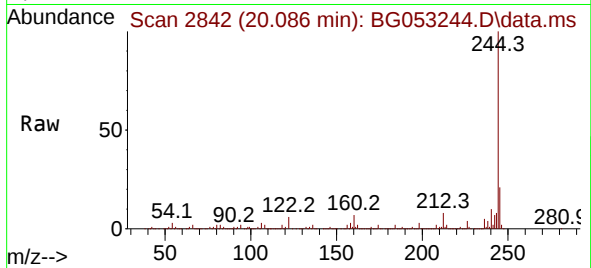




#79
 Terphenyl-d14
 Concen: 96.611 ng
 RT: 20.086 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG053244.D
 Acq: 21 Apr 2022 16:53

Instrument :
 BNA_G
 ClientSampleId :
 WC-16-1A-3

Tgt Ion:244 Resp: 1261583
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.4 8.2
 122 6.4 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.068 min Scan# 3690
 Delta R.T. -0.008 min
 Lab File: BG053244.D
 Acq: 21 Apr 2022 16:53

Tgt Ion:264 Resp: 219871
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.2 27.2
 265 22.2 15.1 22.7

