

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
 Data File : BG053242.D
 Acq On : 21 Apr 2022 15:36
 Operator : CG/JU
 Sample : N2480-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-16-1A-4

Quant Time: Apr 22 02:56:52 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)

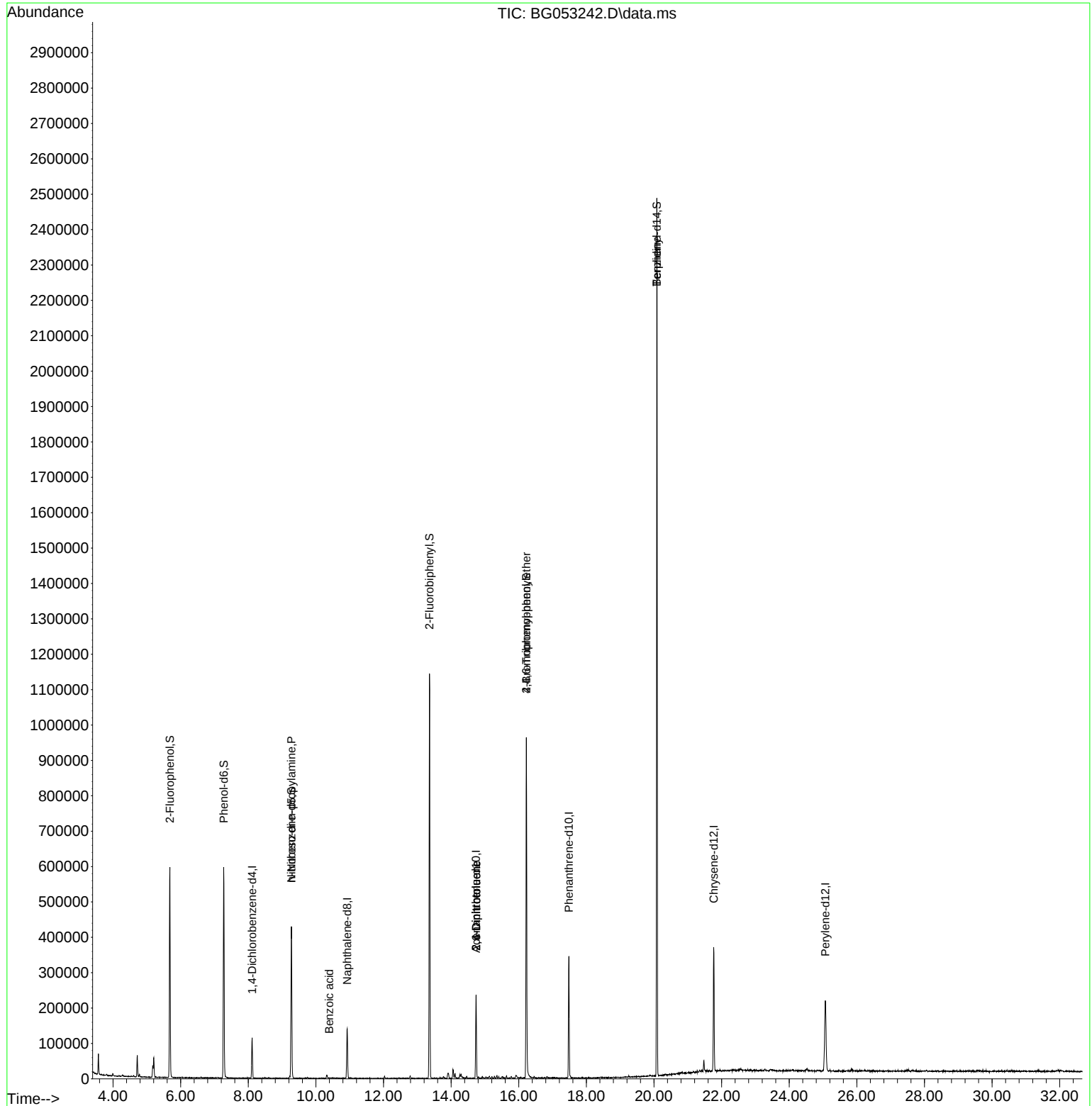
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.113	152	30702	20.000	ng	0.00
21) Naphthalene-d8	10.927	136	116799	20.000	ng	# 0.00
39) Acenaphthene-d10	14.733	164	87799	20.000	ng	-0.02
64) Phenanthrene-d10	17.482	188	220606	20.000	ng	# 0.00
76) Chrysene-d12	21.765	240	232566	20.000	ng	0.00
86) Perylene-d12	25.066	264	232859	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	247702	138.299	ng	0.00
7) Phenol-d6	7.273	99	332428	120.358	ng	0.00
23) Nitrobenzene-d5	9.276	82	273072	94.929	ng	0.00
42) 2,4,6-Tribromophenol	16.225	330	201048	143.930	ng	0.00
45) 2-Fluorobiphenyl	13.359	172	604577	94.950	ng	0.00
79) Terphenyl-d14	20.085	244	1259823	91.489	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.276	70	39265	19.418	ng	# 80
32) Benzoic acid	10.392	122	587	4.127	ng	92
51) 2,6-Dinitrotoluene	14.739	165	10674	7.286	ng	# 28
57) 2,4-Dinitrotoluene	14.739	165	10674	5.118	ng	# 26
67) 4-Bromophenyl-phenylether	16.225	248	13215	4.675	ng	# 1
77) Benzidine	20.085	184	21737	3.276	ng	# 94

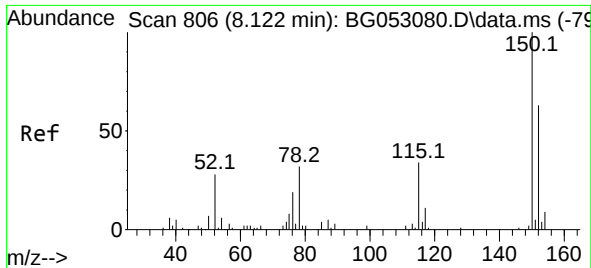
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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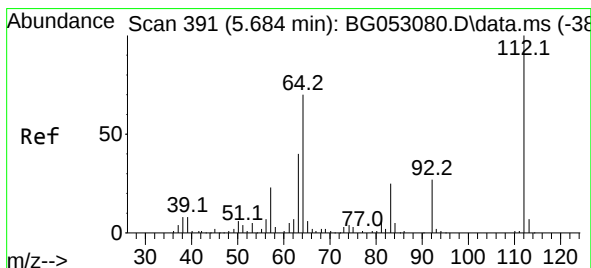
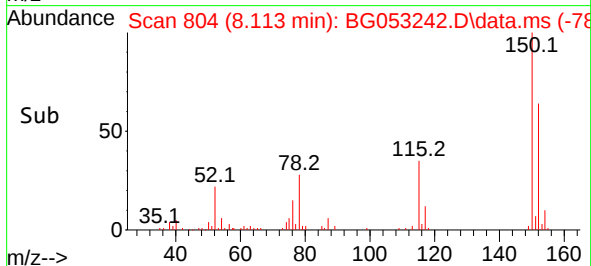
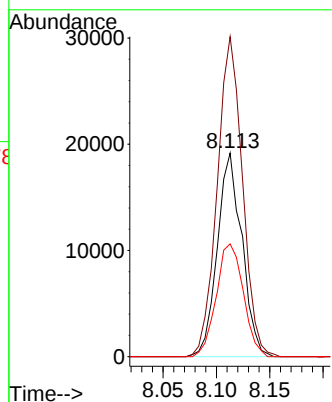
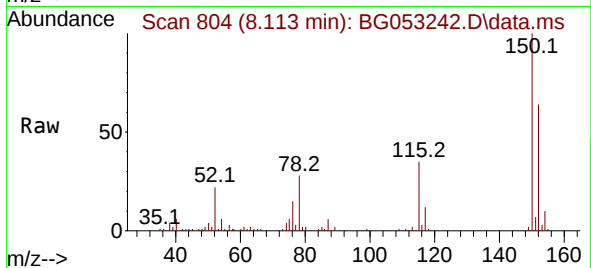




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.113 min Scan# 806
Delta R.T. -0.009 min
Lab File: BG053242.D
Acq: 21 Apr 2022 15:36

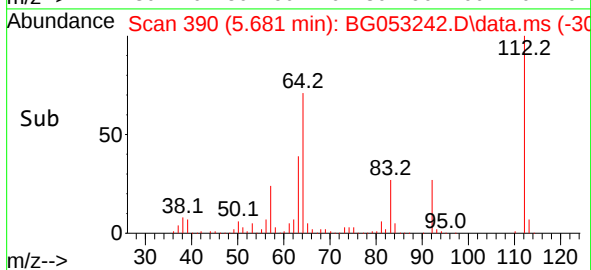
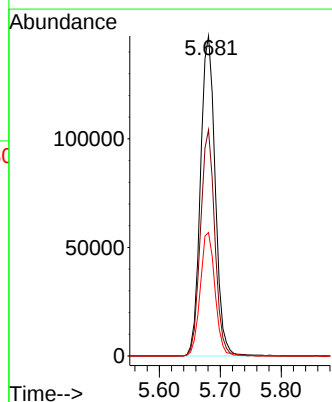
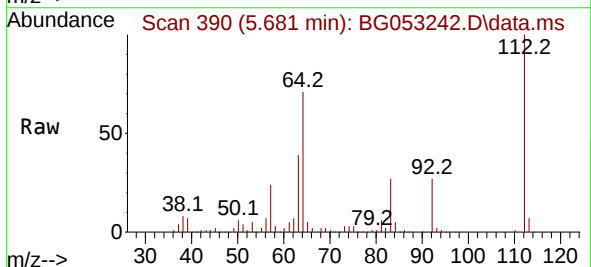
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-4

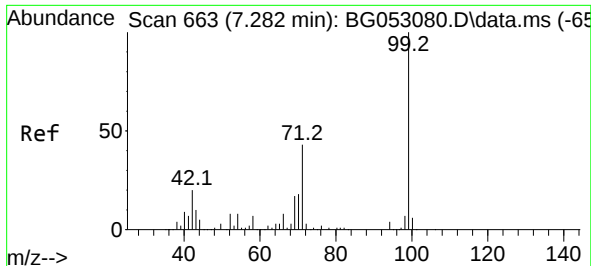
Tgt Ion:152 Resp: 30702
Ion Ratio Lower Upper
152 100
150 157.0 114.6 172.0
115 55.3 45.9 68.9



#5
2-Fluorophenol
Concen: 138.299 ng
RT: 5.681 min Scan# 390
Delta R.T. -0.003 min
Lab File: BG053242.D
Acq: 21 Apr 2022 15:36

Tgt Ion:112 Resp: 247702
Ion Ratio Lower Upper
112 100
64 70.6 48.0 72.0
63 38.6 26.5 39.7

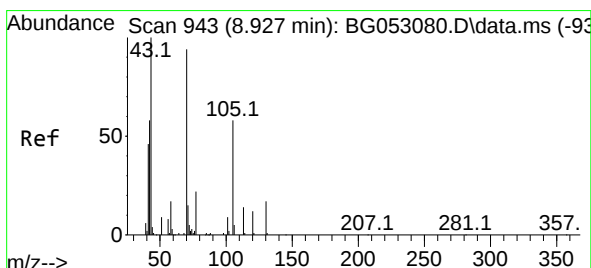
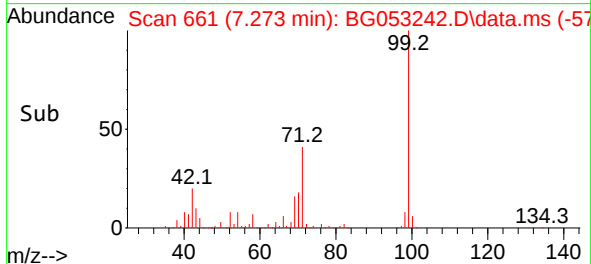
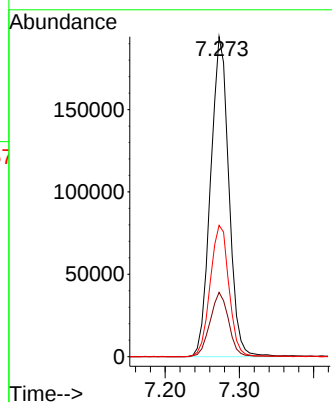
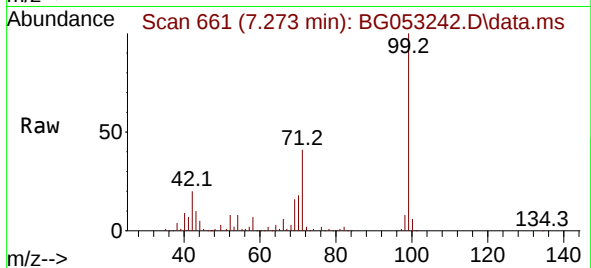




#7
Phenol-d6
Concen: 120.358 ng
RT: 7.273 min Scan# 60
Delta R.T. -0.009 min
Lab File: BG053242.D
Acq: 21 Apr 2022 15:36

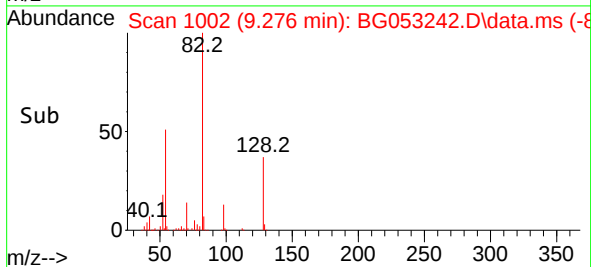
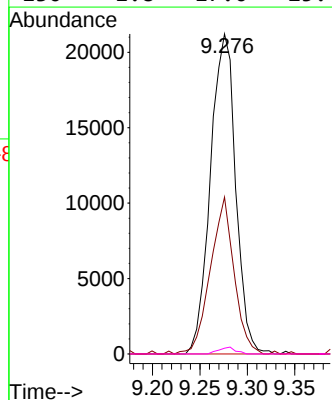
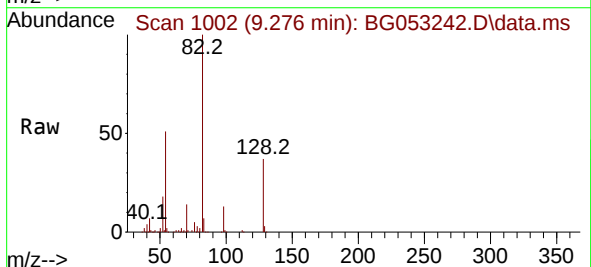
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-4

Tgt Ion: 99 Resp: 332428
Ion Ratio Lower Upper
99 100
42 20.1 14.7 22.1
71 41.0 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.418 ng
RT: 9.276 min Scan# 1002
Delta R.T. 0.349 min
Lab File: BG053242.D
Acq: 21 Apr 2022 15:36

Tgt Ion: 70 Resp: 39265
Ion Ratio Lower Upper
70 100
42 49.0 46.0 69.0
101 0.0 6.2 9.4#
130 1.8 17.0 25.4#



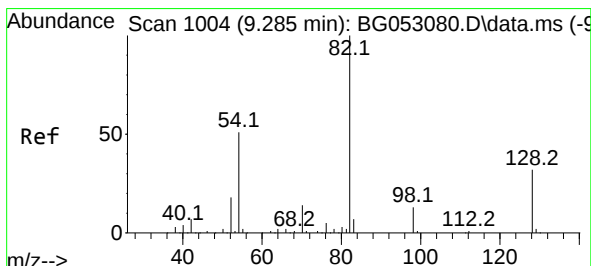
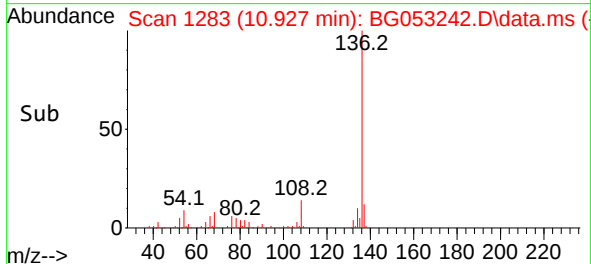
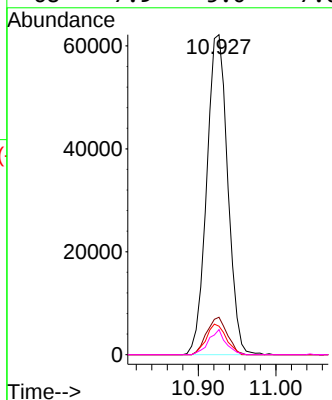
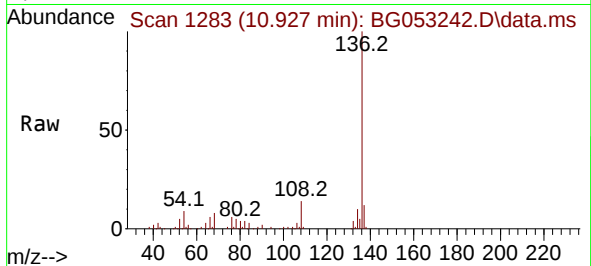


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.927 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG053242.D
Acq: 21 Apr 2022 15:36

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-4

Tgt Ion:136 Resp: 116799

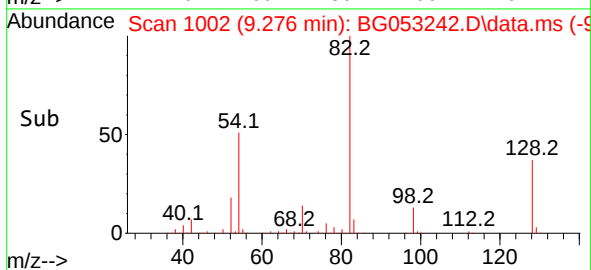
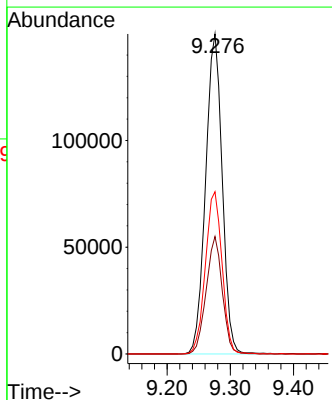
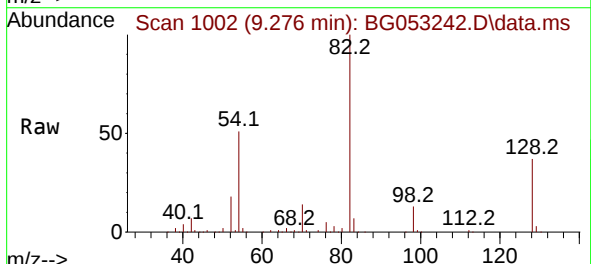
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.4	14.2
54	8.9	6.4	9.6
68	7.9	5.0	7.6

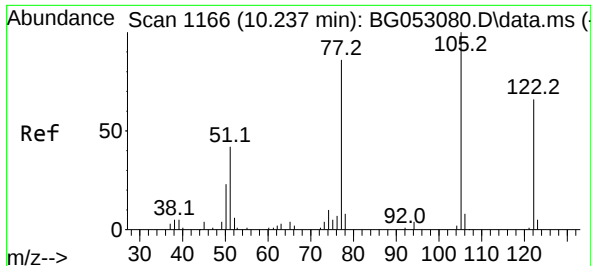


#23
Nitrobenzene-d5
Concen: 94.929 ng
RT: 9.276 min Scan# 1002
Delta R.T. -0.009 min
Lab File: BG053242.D
Acq: 21 Apr 2022 15:36

Tgt Ion: 82 Resp: 273072

Ion	Ratio	Lower	Upper
82	100		
128	36.7	31.3	46.9
54	50.7	37.8	56.8





#32

Benzoic acid

Concen: 4.127 ng

RT: 10.392 min Scan# 1166

Delta R.T. 0.155 min

Lab File: BG053242.D

Acq: 21 Apr 2022 15:36

Instrument :

BNA_G

ClientSampleId :

WC-16-1A-4

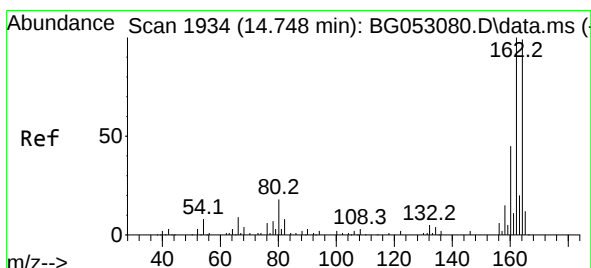
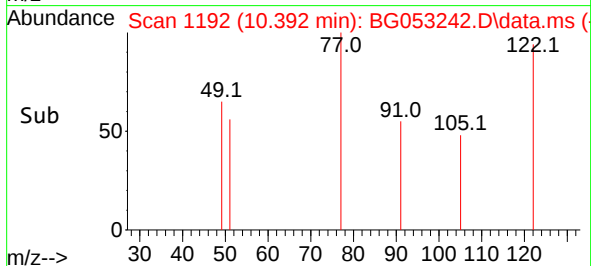
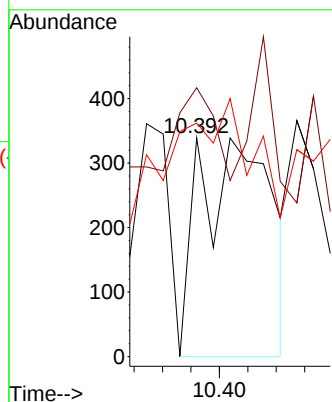
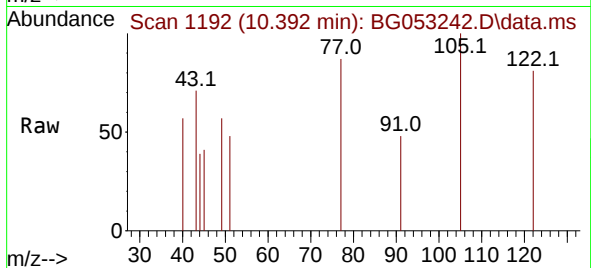
Tgt Ion:122 Resp: 587

Ion Ratio Lower Upper

122 100

105 123.0 112.8 152.8

77 106.8 78.4 118.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.733 min Scan# 1931

Delta R.T. -0.015 min

Lab File: BG053242.D

Acq: 21 Apr 2022 15:36

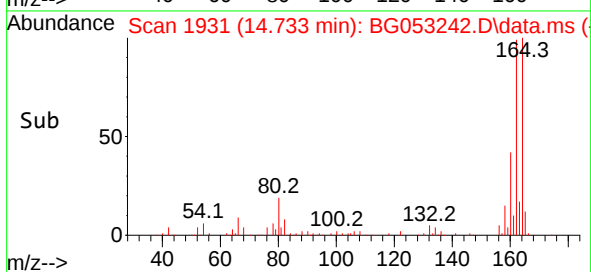
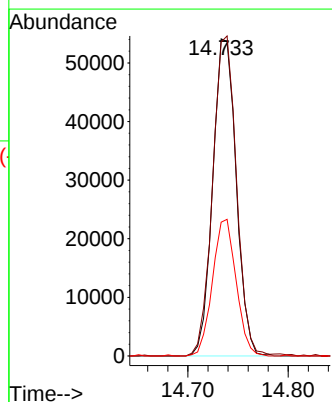
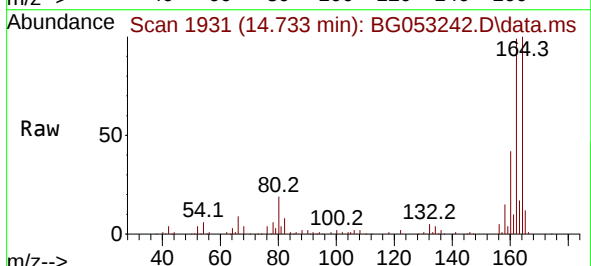
Tgt Ion:164 Resp: 87799

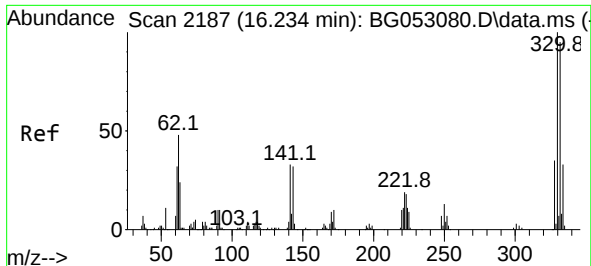
Ion Ratio Lower Upper

164 100

162 99.0 80.0 120.0

160 42.2 38.8 58.2

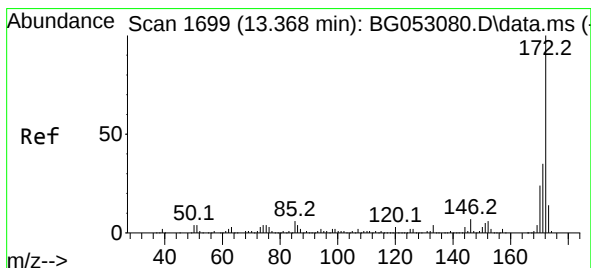
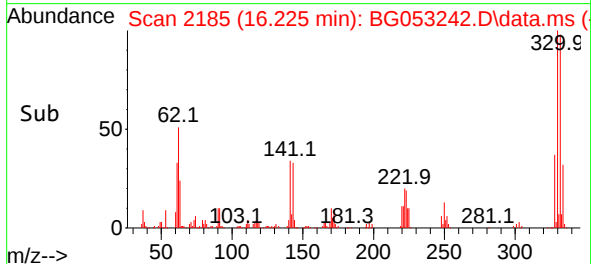
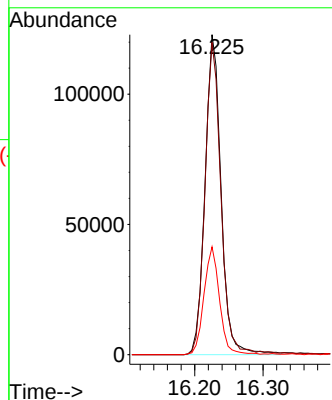
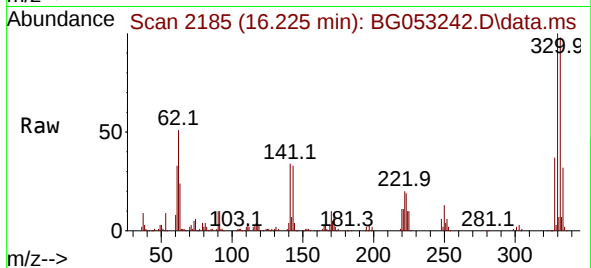




#42
2,4,6-Tribromophenol
Concen: 143.930 ng
RT: 16.225 min Scan# 2185
Delta R.T. -0.009 min
Lab File: BG053242.D
Acq: 21 Apr 2022 15:36

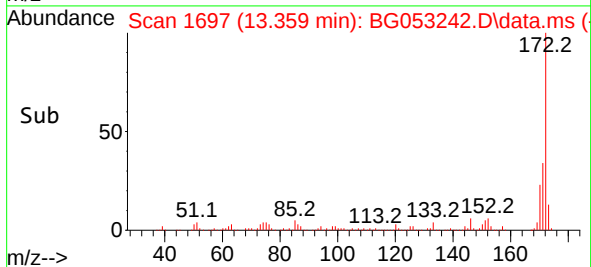
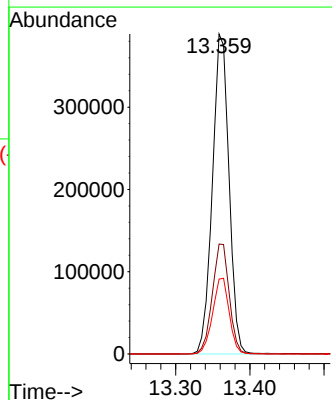
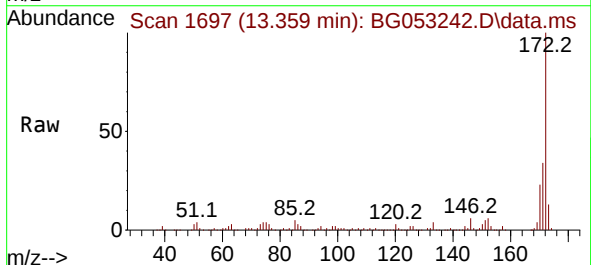
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-4

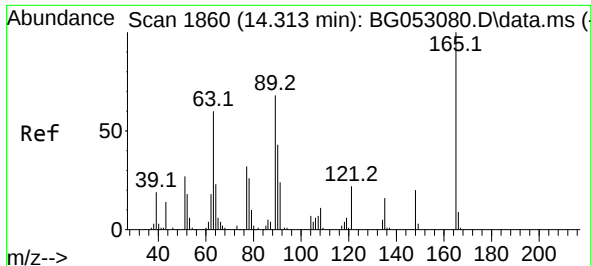
Tgt Ion:330 Resp: 201048
Ion Ratio Lower Upper
330 100
332 97.2 75.8 113.6
141 32.8 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 94.950 ng
RT: 13.359 min Scan# 1697
Delta R.T. -0.009 min
Lab File: BG053242.D
Acq: 21 Apr 2022 15:36

Tgt Ion:172 Resp: 604577
Ion Ratio Lower Upper
172 100
171 34.3 28.3 42.5
170 23.4 18.0 27.0

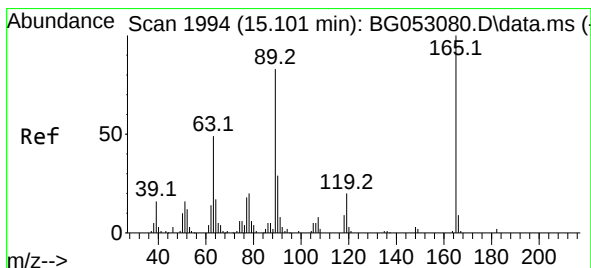
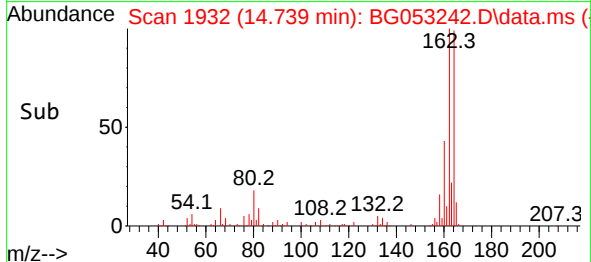
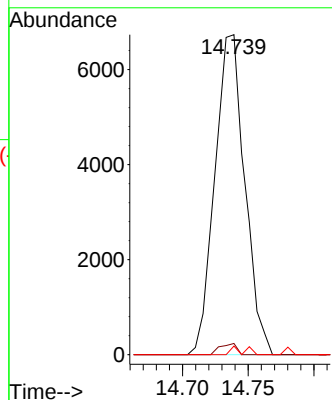
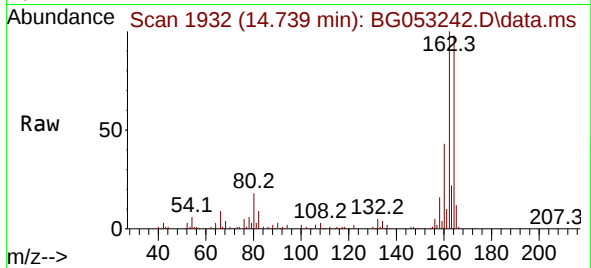




#51
2,6-Dinitrotoluene
Concen: 7.286 ng
RT: 14.739 min Scan# 1932
Delta R.T. 0.426 min
Lab File: BG053242.D
Acq: 21 Apr 2022 15:36

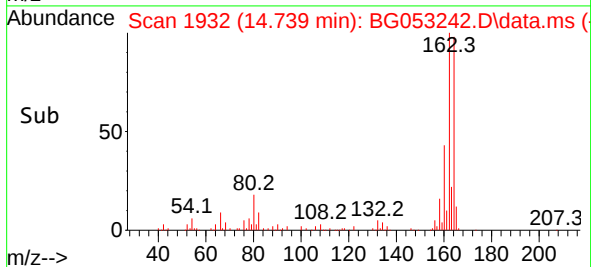
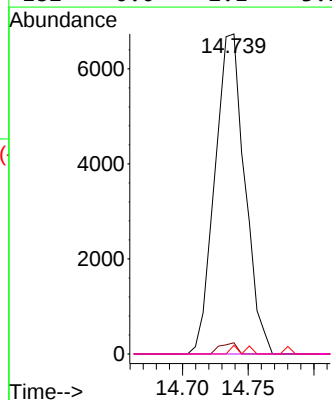
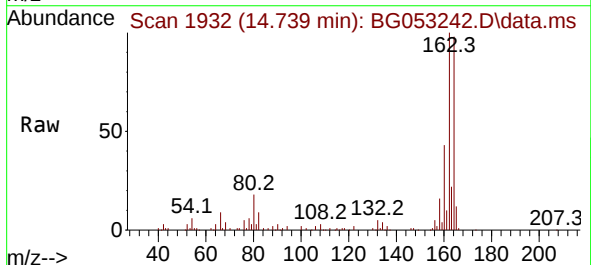
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BNA_G
ClientSampleId :
WC-16-1A-4

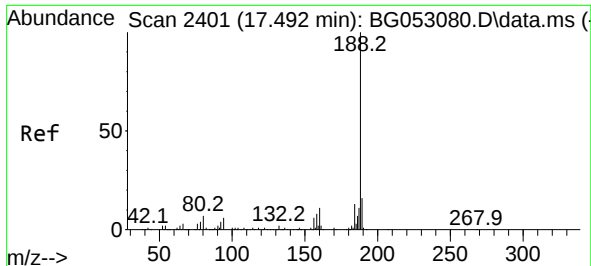
Tgt Ion:165 Resp: 10674
Ion Ratio Lower Upper
165 100
63 3.5 43.7 65.5#
89 2.7 45.0 67.4#



#57
2,4-Dinitrotoluene
Concen: 5.118 ng
RT: 14.739 min Scan# 1932
Delta R.T. -0.362 min
Lab File: BG053242.D
Acq: 21 Apr 2022 15:36

Tgt Ion:165 Resp: 10674
Ion Ratio Lower Upper
165 100
63 3.5 34.8 52.2#
89 2.7 57.4 86.0#
182 0.0 2.1 3.1#

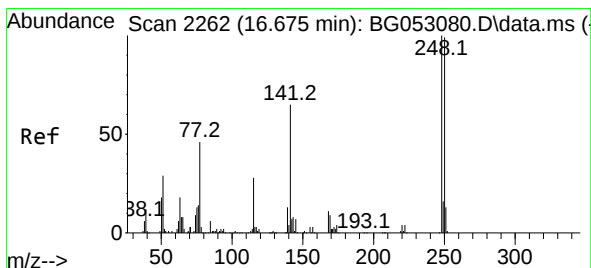
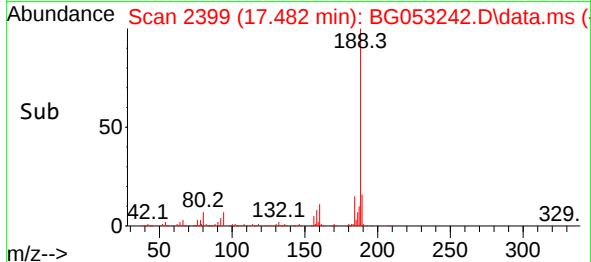
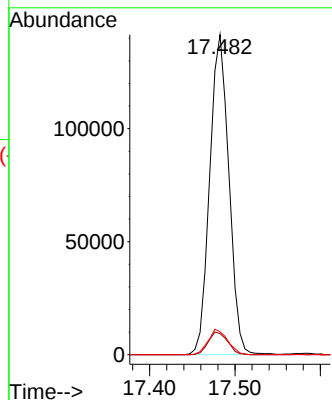
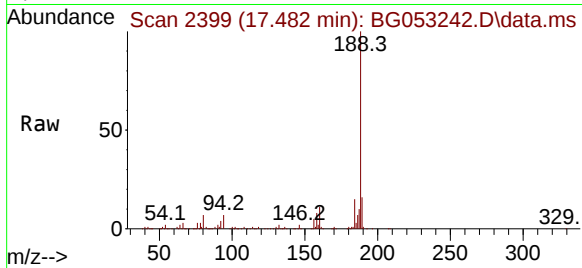




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.482 min Scan# 2185
Delta R.T. -0.009 min
Lab File: BG053242.D
Acq: 21 Apr 2022 15:36

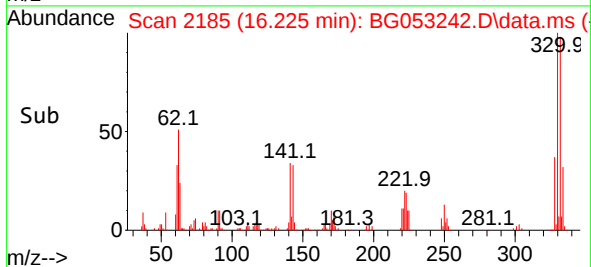
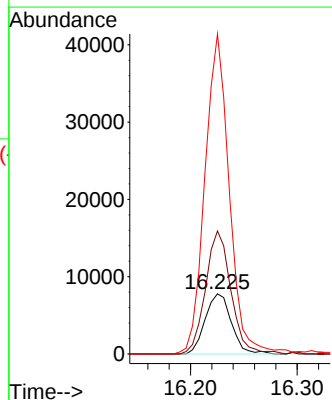
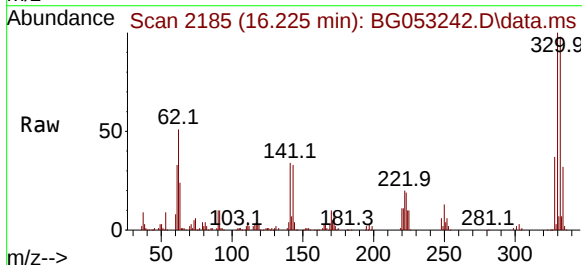
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-4

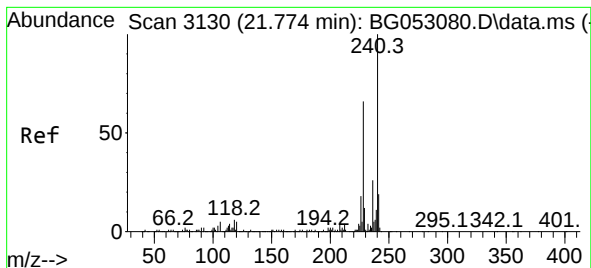
Tgt Ion:188 Resp: 220606
Ion Ratio Lower Upper
188 100
94 6.6 5.7 8.5
80 7.2 7.2 10.8#



#67
4-Bromophenyl-phenylether
Concen: 4.675 ng
RT: 16.225 min Scan# 2185
Delta R.T. -0.450 min
Lab File: BG053242.D
Acq: 21 Apr 2022 15:36

Tgt Ion:248 Resp: 13215
Ion Ratio Lower Upper
248 100
250 204.4 77.9 116.9#
141 531.8 49.2 73.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.765 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG053242.D

Acq: 21 Apr 2022 15:36

Instrument :

BNA_G

ClientSampleId :

WC-16-1A-4

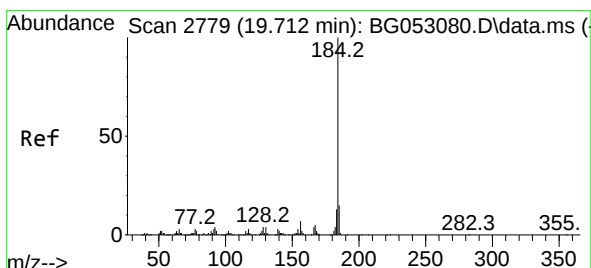
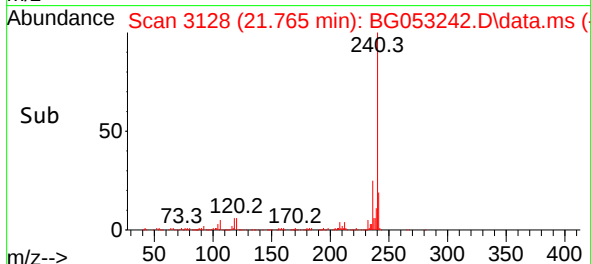
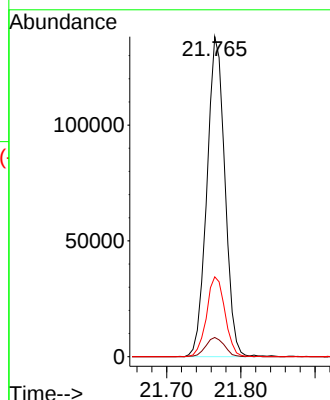
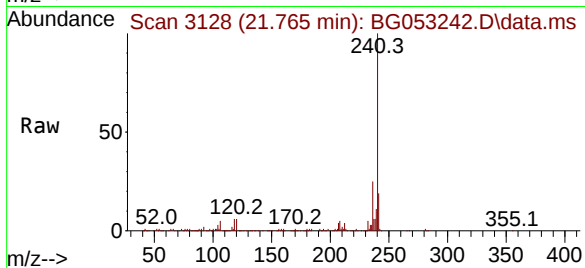
Tgt Ion:240 Resp: 232566

Ion Ratio Lower Upper

240 100

120 6.0 5.4 8.0

236 25.0 19.8 29.6



#77

Benzidine

Concen: 3.276 ng

RT: 20.085 min Scan# 2842

Delta R.T. 0.373 min

Lab File: BG053242.D

Acq: 21 Apr 2022 15:36

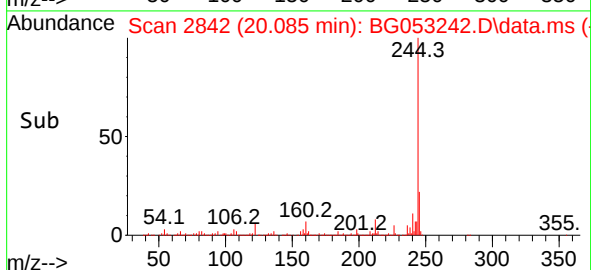
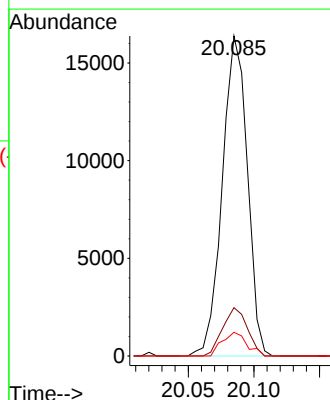
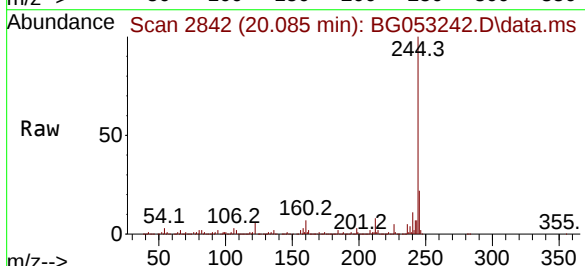
Tgt Ion:184 Resp: 21737

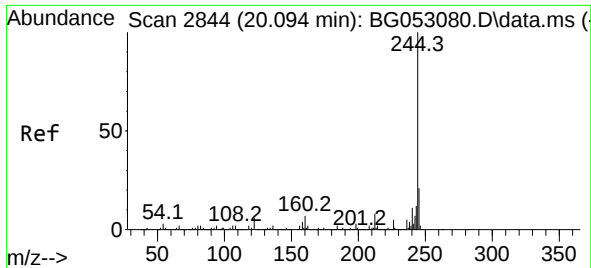
Ion Ratio Lower Upper

184 100

185 15.1 11.5 17.3

183 7.4 9.4 14.2#

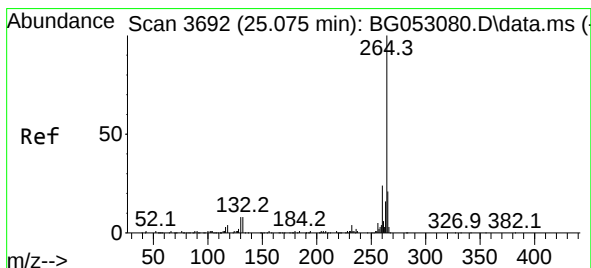
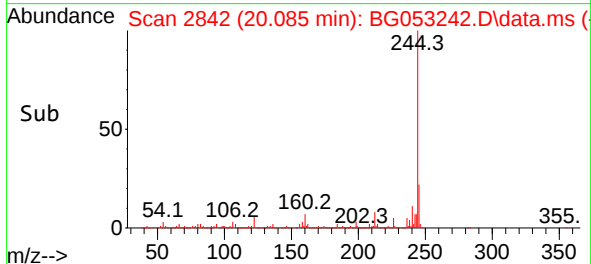
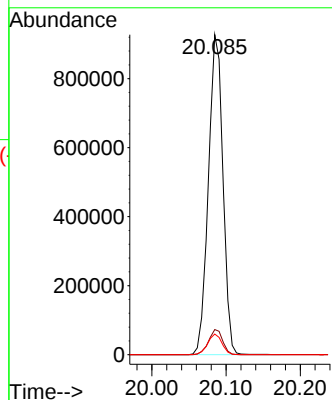
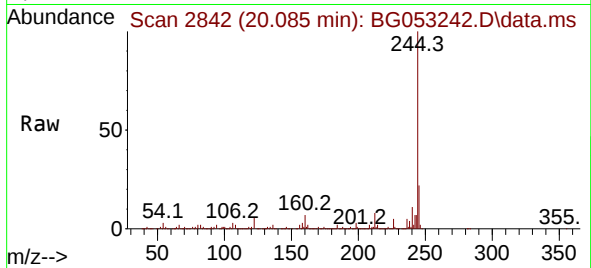




#79
 Terphenyl-d14
 Concen: 91.489 ng
 RT: 20.085 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG053242.D
 Acq: 21 Apr 2022 15:36

Instrument :
 BNA_G
 ClientSampleId :
 WC-16-1A-4

Tgt Ion:244 Resp: 1259823
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.4 8.2
 122 6.5 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.066 min Scan# 3690
 Delta R.T. -0.009 min
 Lab File: BG053242.D
 Acq: 21 Apr 2022 15:36

Tgt Ion:264 Resp: 232859
 Ion Ratio Lower Upper
 264 100
 260 22.1 18.2 27.2
 265 22.8 15.1 22.7#

