

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042022\
 Data File : BG053225.D
 Acq On : 20 Apr 2022 21:10
 Operator : CG/JU
 Sample : N2468-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-15-1-8

Quant Time: Apr 21 06:05:06 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)

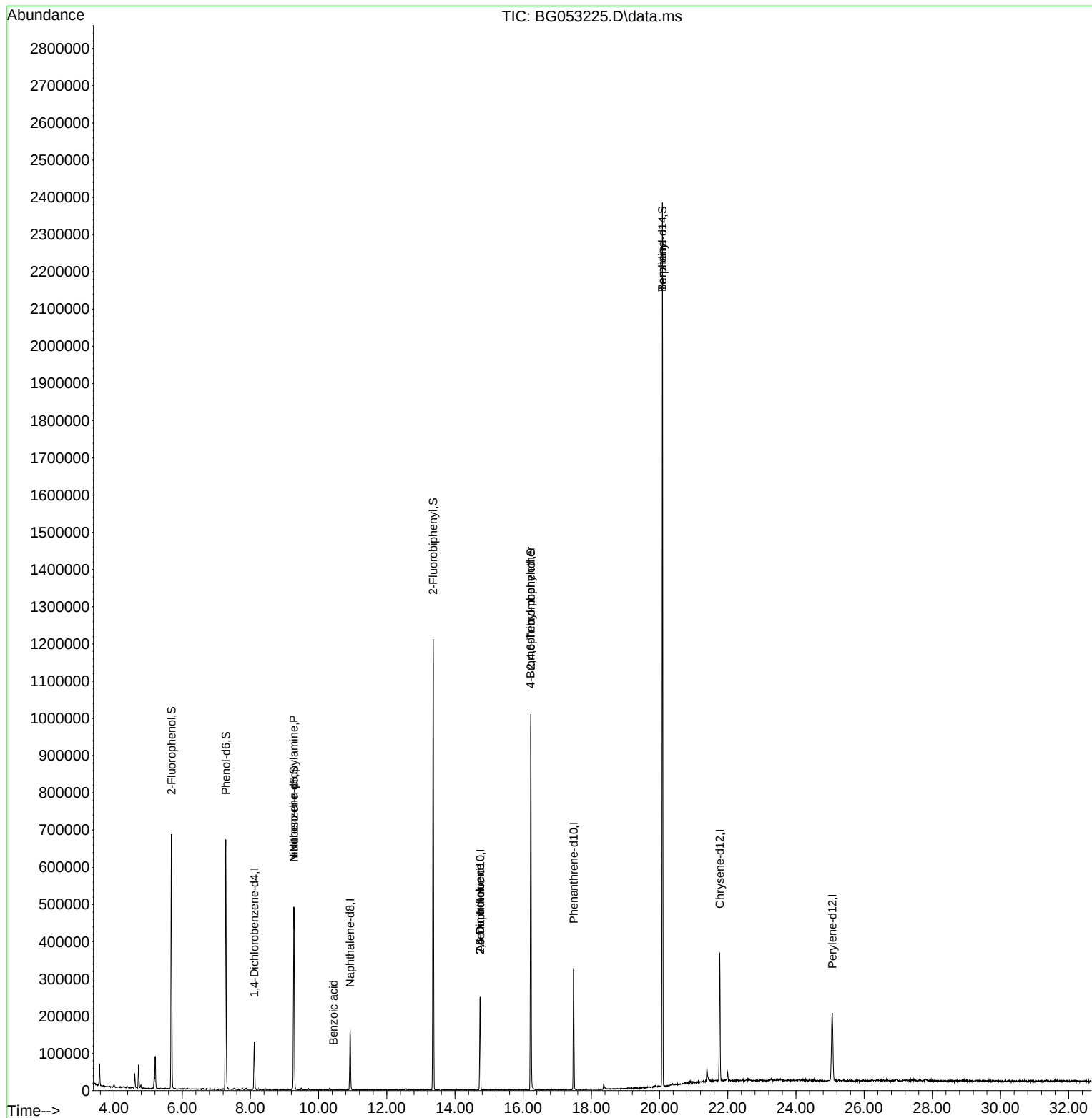
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.113	152	34309	20.000	ng	0.00
21) Naphthalene-d8	10.927	136	133699	20.000	ng	0.00
39) Acenaphthene-d10	14.739	164	93224	20.000	ng	0.00
64) Phenanthrene-d10	17.482	188	215763	20.000	ng	0.00
76) Chrysene-d12	21.765	240	221793	20.000	ng	0.00
86) Perylene-d12	25.066	264	209776	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	285485	142.637	ng	0.00
7) Phenol-d6	7.279	99	372501	120.688	ng	0.00
23) Nitrobenzene-d5	9.276	82	312782	94.990	ng	0.00
42) 2,4,6-Tribromophenol	16.225	330	211403	142.536	ng	0.00
45) 2-Fluorobiphenyl	13.359	172	649627	96.088	ng	0.00
79) Terphenyl-d14	20.085	244	1201947	91.526	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.276	70	44186	19.554	ng	# 76
32) Benzoic acid	10.439	122	59	3.673	ng	# 1
51) 2,6-Dinitrotoluene	14.733	165	12289	7.900	ng	# 24
57) 2,4-Dinitrotoluene	14.733	165	12289	5.549	ng	# 22
67) 4-Bromophenyl-phenylether	16.219	248	14139	5.114	ng	# 1
77) Benzidine	20.085	184	20300	3.208	ng	# 95

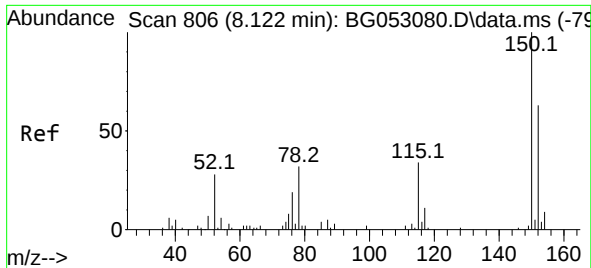
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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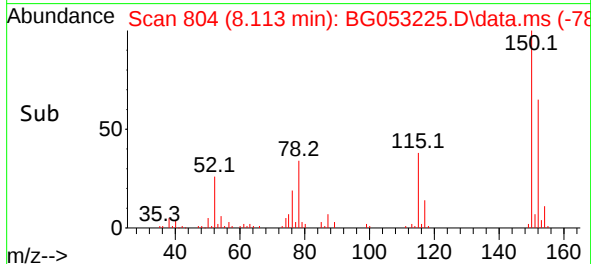
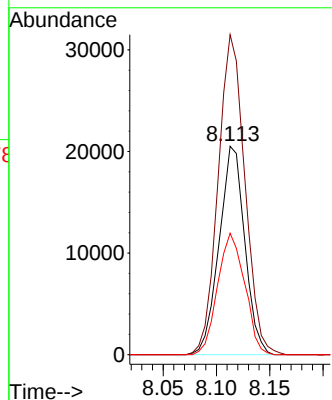
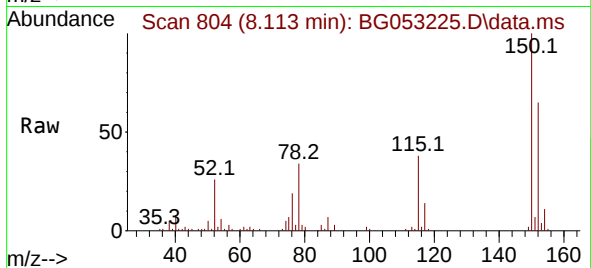




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.113 min Scan# 806
Delta R.T. -0.009 min
Lab File: BG053225.D
Acq: 20 Apr 2022 21:10

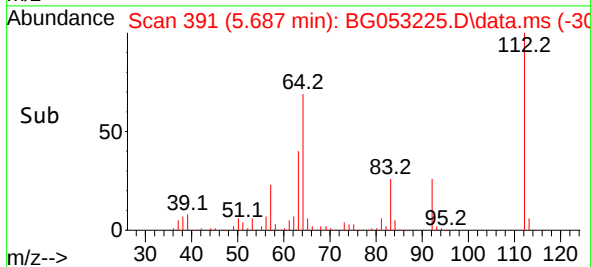
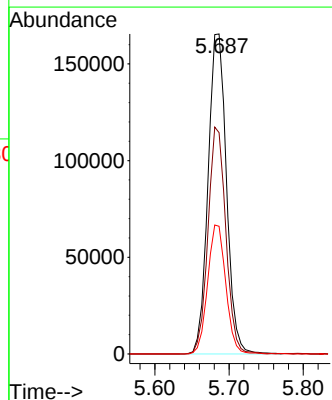
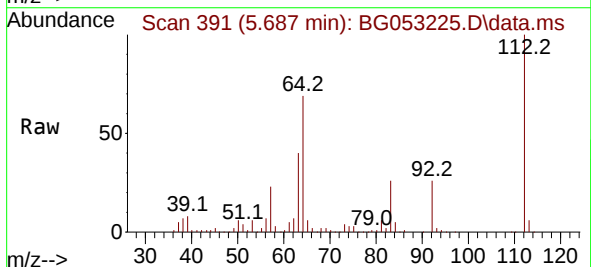
Instrument :
BNA_G
ClientSampleId :
WC-15-1-8

Tgt Ion:152 Resp: 34309
Ion Ratio Lower Upper
152 100
150 153.5 114.6 172.0
115 58.2 45.9 68.9



#5
2-Fluorophenol
Concen: 142.637 ng
RT: 5.687 min Scan# 391
Delta R.T. 0.003 min
Lab File: BG053225.D
Acq: 20 Apr 2022 21:10

Tgt Ion:112 Resp: 285485
Ion Ratio Lower Upper
112 100
64 69.2 48.0 72.0
63 39.9 26.5 39.7#

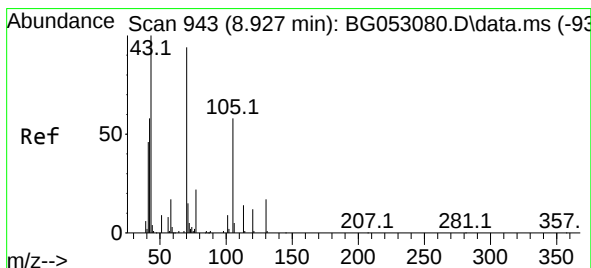
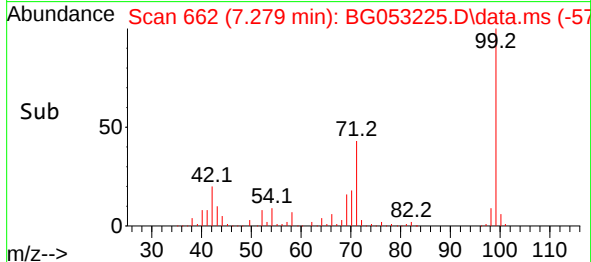
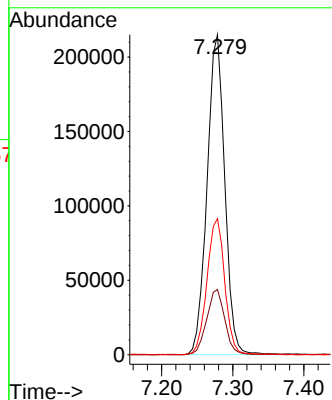
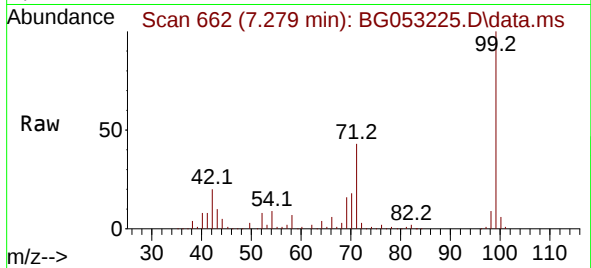




#7
Phenol-d6
Concen: 120.688 ng
RT: 7.279 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG053225.D
Acq: 20 Apr 2022 21:10

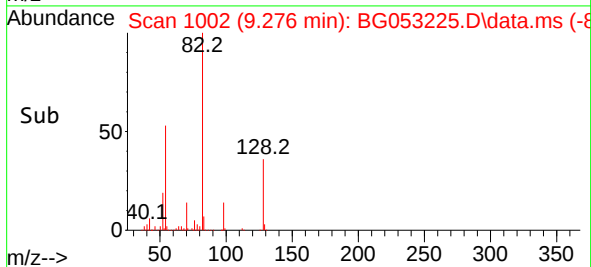
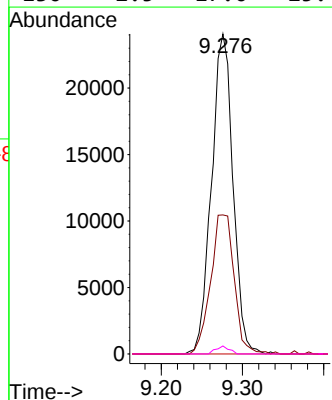
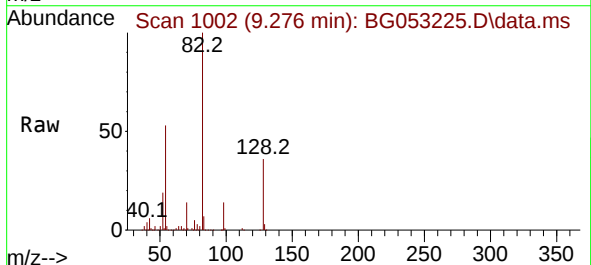
Instrument :
BNA_G
ClientSampleId :
WC-15-1-8

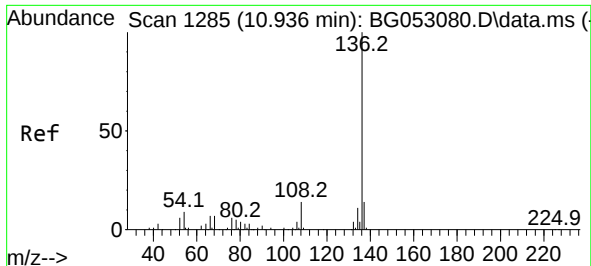
Tgt Ion: 99 Resp: 372501
Ion Ratio Lower Upper
99 100
42 20.4 14.7 22.1
71 42.5 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.554 ng
RT: 9.276 min Scan# 1002
Delta R.T. 0.349 min
Lab File: BG053225.D
Acq: 20 Apr 2022 21:10

Tgt Ion: 70 Resp: 44186
Ion Ratio Lower Upper
70 100
42 43.5 46.0 69.0#
101 0.0 6.2 9.4#
130 2.5 17.0 25.4#



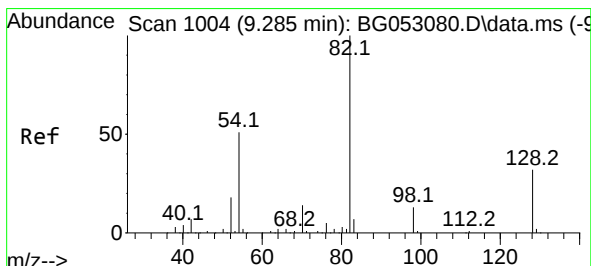
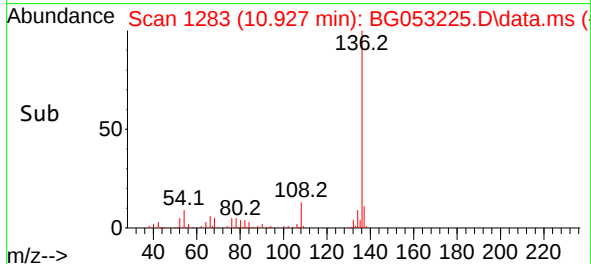
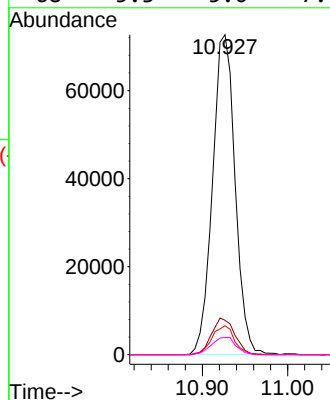
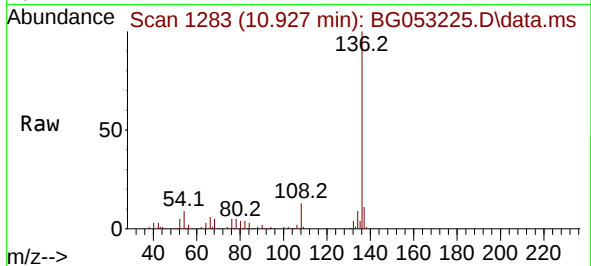


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.927 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG053225.D
Acq: 20 Apr 2022 21:10

Instrument :
BNA_G
ClientSampleId :
WC-15-1-8

Tgt Ion:136 Resp: 133699

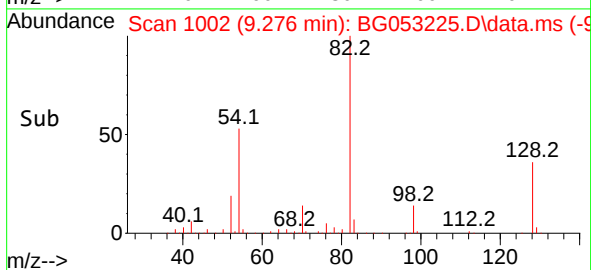
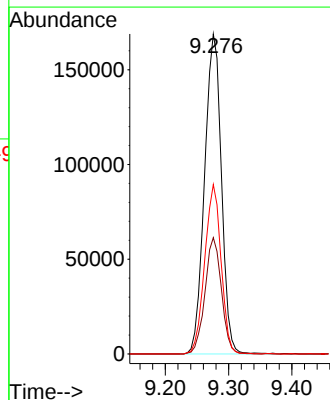
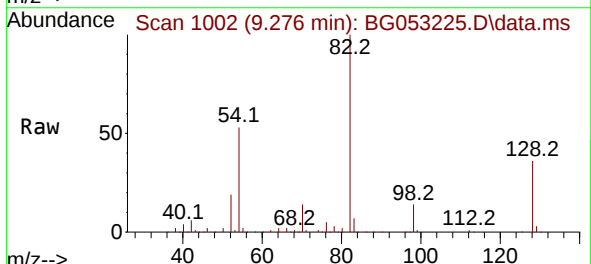
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.4	14.2
54	9.0	6.4	9.6
68	5.3	5.0	7.6

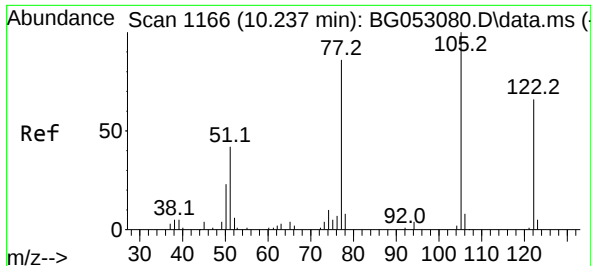


#23
Nitrobenzene-d5
Concen: 94.990 ng
RT: 9.276 min Scan# 1002
Delta R.T. -0.009 min
Lab File: BG053225.D
Acq: 20 Apr 2022 21:10

Tgt Ion: 82 Resp: 312782

Ion	Ratio	Lower	Upper
82	100		
128	36.3	31.3	46.9
54	53.0	37.8	56.8

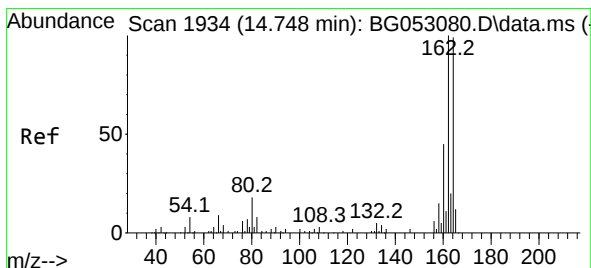
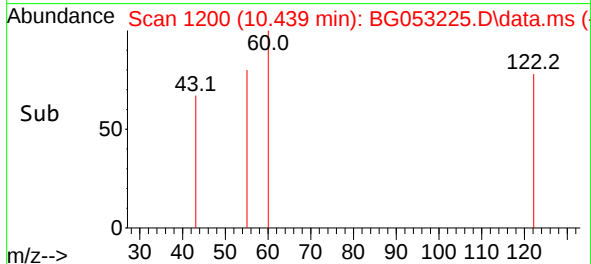
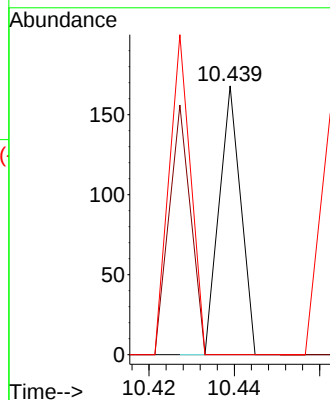
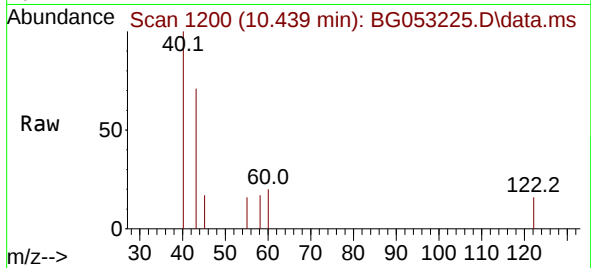




#32
Benzoic acid
Concen: 3.673 ng
RT: 10.439 min Scan# 1166
Delta R.T. 0.202 min
Lab File: BG053225.D
Acq: 20 Apr 2022 21:10

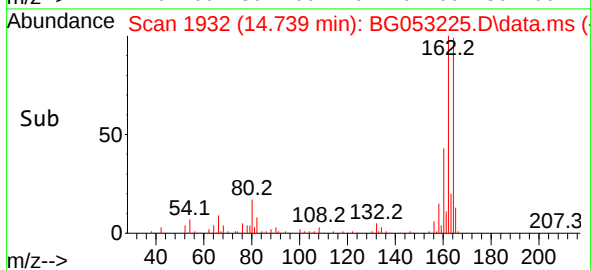
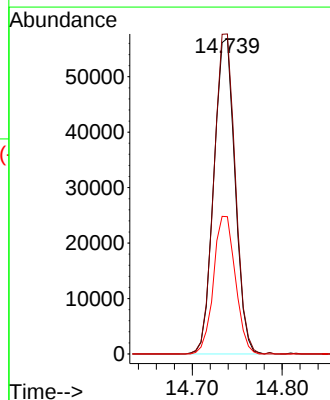
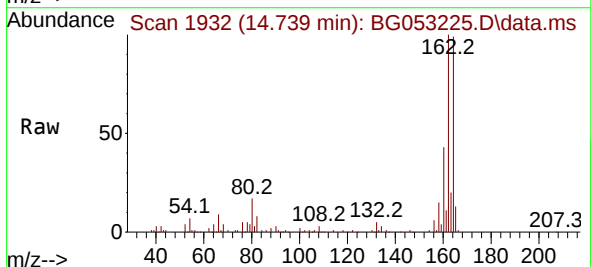
Instrument :
BNA_G
ClientSampleId :
WC-15-1-8

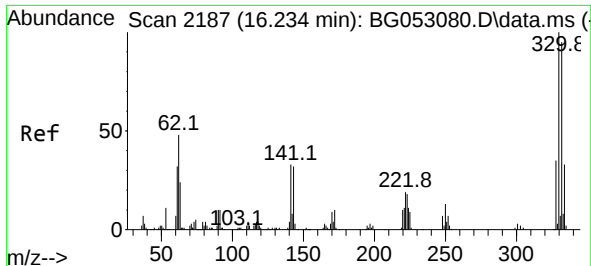
Tgt Ion:122 Resp: 59
Ion Ratio Lower Upper
122 100
105 0.0 112.8 152.8#
77 0.0 78.4 118.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.739 min Scan# 1932
Delta R.T. -0.009 min
Lab File: BG053225.D
Acq: 20 Apr 2022 21:10

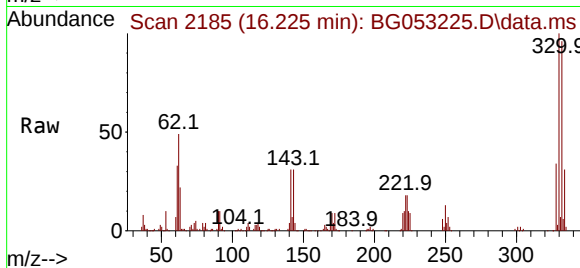
Tgt Ion:164 Resp: 93224
Ion Ratio Lower Upper
164 100
162 101.4 80.0 120.0
160 43.5 38.8 58.2



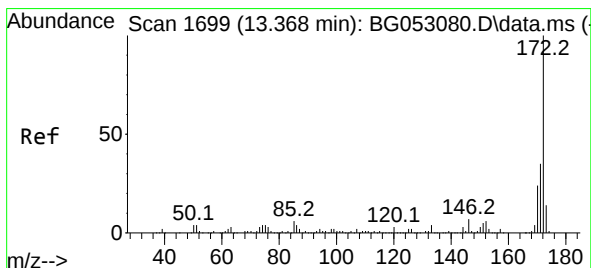
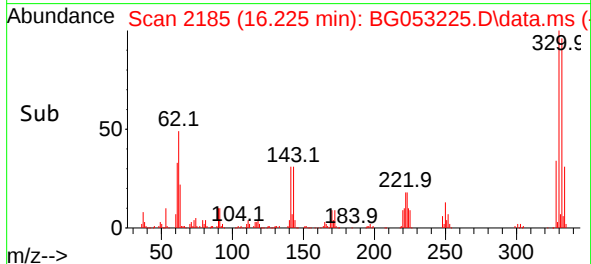
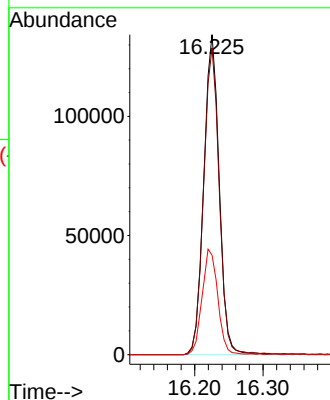


#42
 2,4,6-Tribromophenol
 Concen: 142.536 ng
 RT: 16.225 min Scan# 2185
 Delta R.T. -0.009 min
 Lab File: BG053225.D
 Acq: 20 Apr 2022 21:10

Instrument :
 BNA_G
 ClientSampleId :
 WC-15-1-8

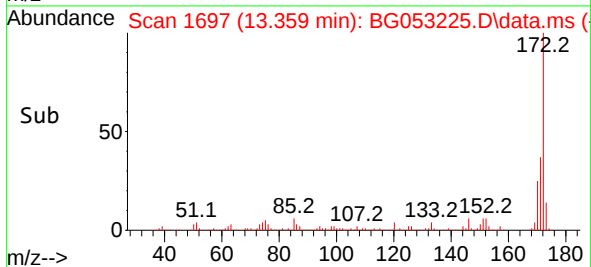
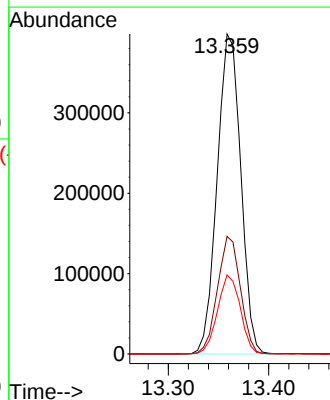
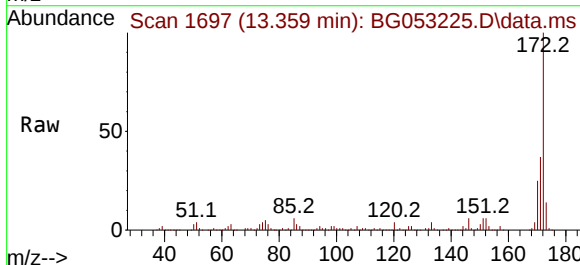


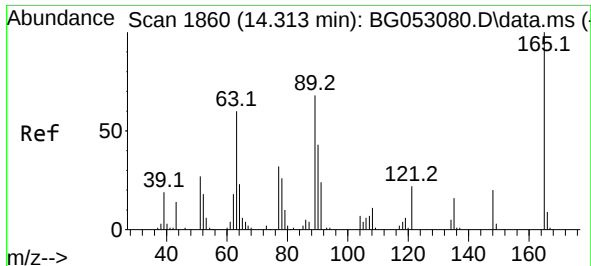
Tgt Ion:330 Resp: 211403
 Ion Ratio Lower Upper
 330 100
 332 96.9 75.8 113.6
 141 33.5 24.6 36.8



#45
 2-Fluorobiphenyl
 Concen: 96.088 ng
 RT: 13.359 min Scan# 1697
 Delta R.T. -0.009 min
 Lab File: BG053225.D
 Acq: 20 Apr 2022 21:10

Tgt Ion:172 Resp: 649627
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.3 42.5
 170 24.7 18.0 27.0





#51

2,6-Dinitrotoluene

Concen: 7.900 ng

RT: 14.733 min Scan# 1931

Delta R.T. 0.420 min

Lab File: BG053225.D

Acq: 20 Apr 2022 21:10

Instrument :

BNA_G

ClientSampleId :

WC-15-1-8

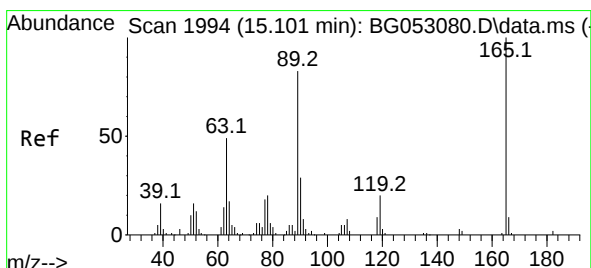
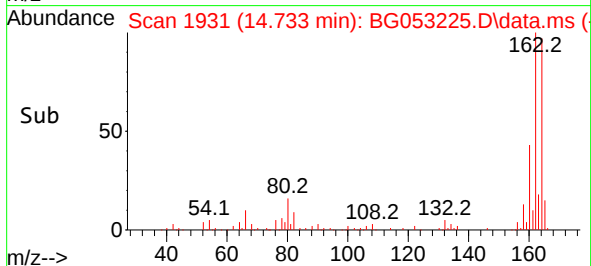
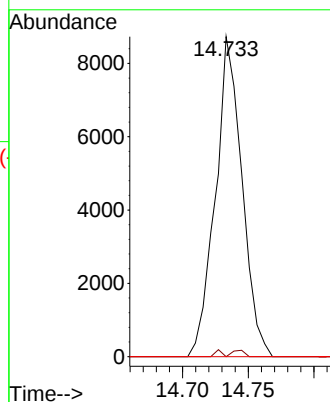
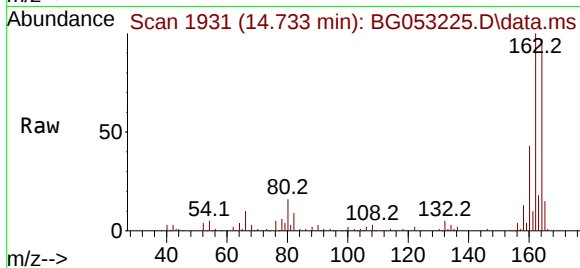
Tgt Ion:165 Resp: 12289

Ion Ratio Lower Upper

165 100

63 0.0 43.7 65.5#

89 0.0 45.0 67.4#



#57

2,4-Dinitrotoluene

Concen: 5.549 ng

RT: 14.733 min Scan# 1931

Delta R.T. -0.367 min

Lab File: BG053225.D

Acq: 20 Apr 2022 21:10

Tgt Ion:165 Resp: 12289

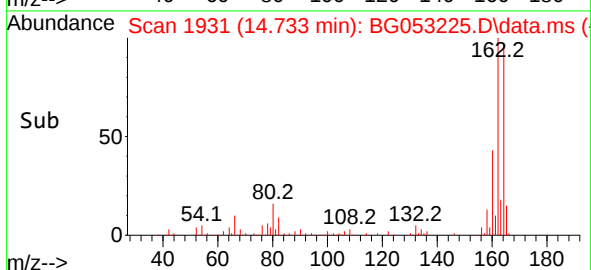
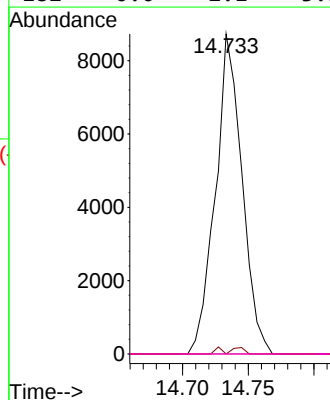
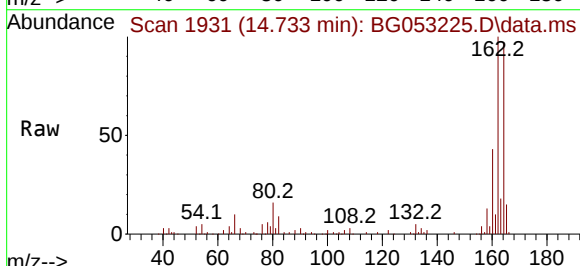
Ion Ratio Lower Upper

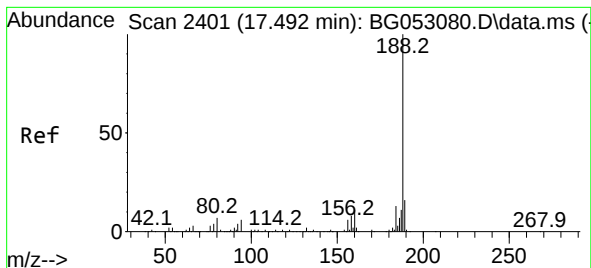
165 100

63 0.0 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: 17.482 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG053225.D

Acq: 20 Apr 2022 21:10

Instrument :

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ClientSampleId :

WC-15-1-8

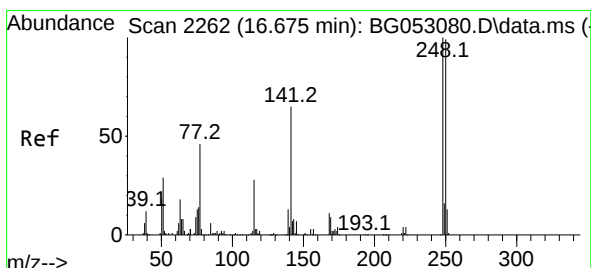
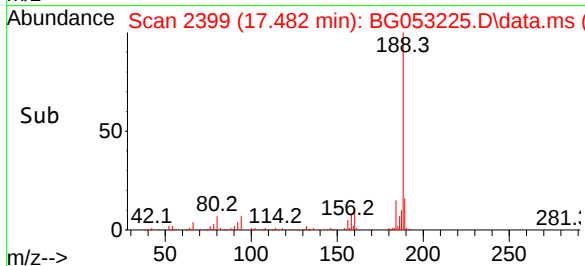
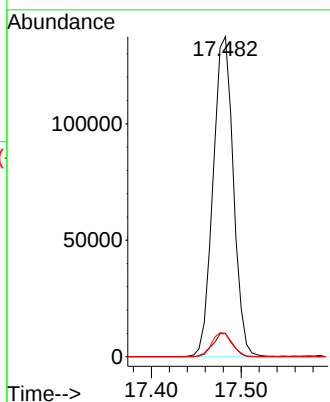
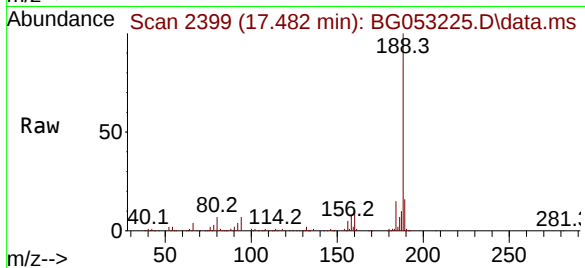
Tgt Ion:188 Resp: 215763

Ion Ratio Lower Upper

188 100

94 7.2 5.7 8.5

80 7.3 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 5.114 ng

RT: 16.219 min Scan# 2184

Delta R.T. -0.456 min

Lab File: BG053225.D

Acq: 20 Apr 2022 21:10

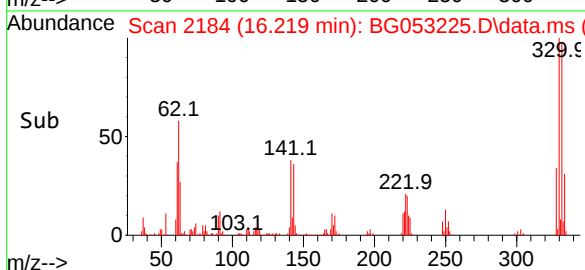
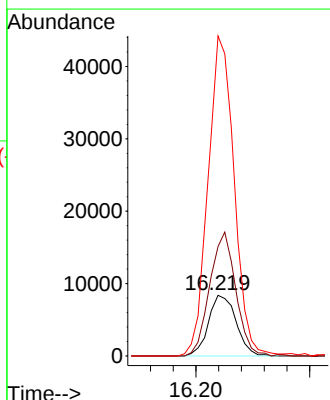
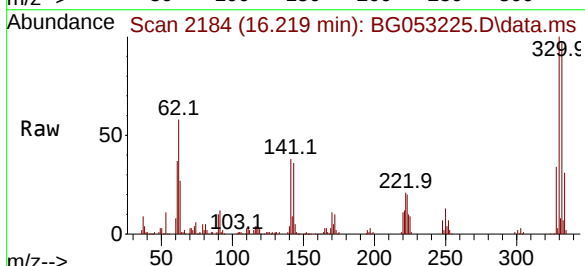
Tgt Ion:248 Resp: 14139

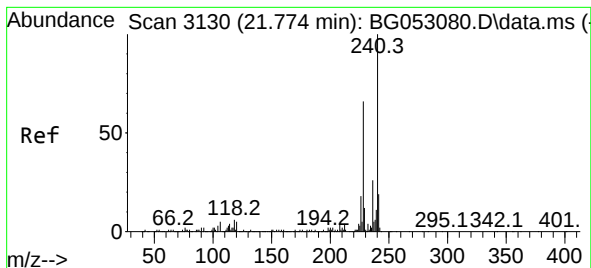
Ion Ratio Lower Upper

248 100

250 180.5 77.9 116.9#

141 527.6 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: BG053225.D

Acq: 20 Apr 2022 21:10

Instrument :

BNA_G

ClientSampleId :

WC-15-1-8

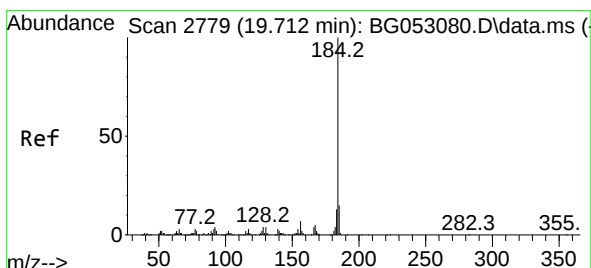
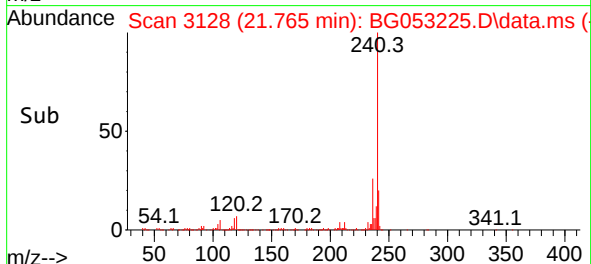
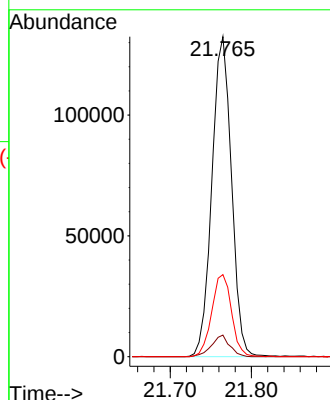
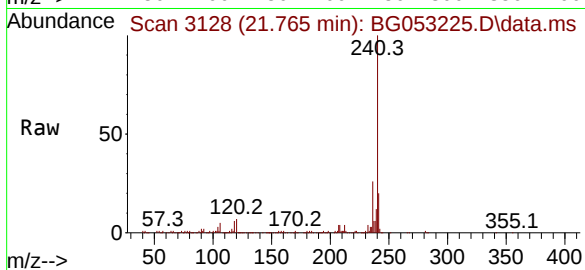
Tgt Ion:240 Resp: 221793

Ion Ratio Lower Upper

240 100

120 6.7 5.4 8.0

236 25.7 19.8 29.6



#77

Benzidine

Concen: 3.208 ng

RT: 20.085 min Scan# 2842

Delta R.T. 0.373 min

Lab File: BG053225.D

Acq: 20 Apr 2022 21:10

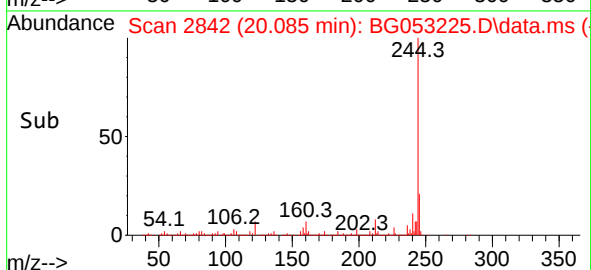
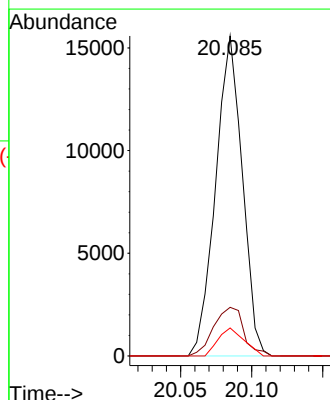
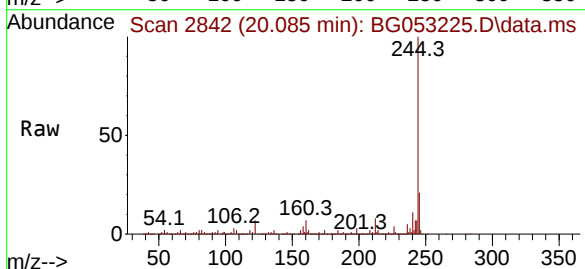
Tgt Ion:184 Resp: 20300

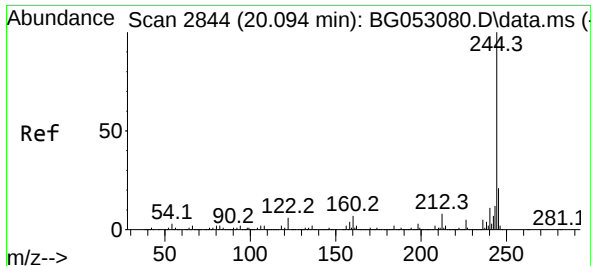
Ion Ratio Lower Upper

184 100

185 15.2 11.5 17.3

183 8.8 9.4 14.2#

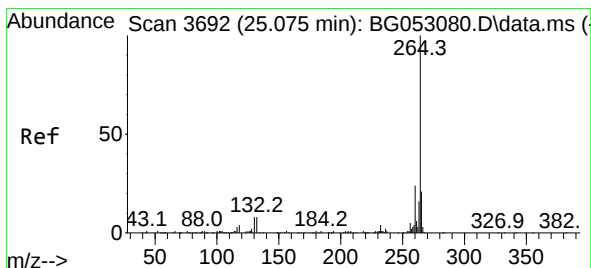
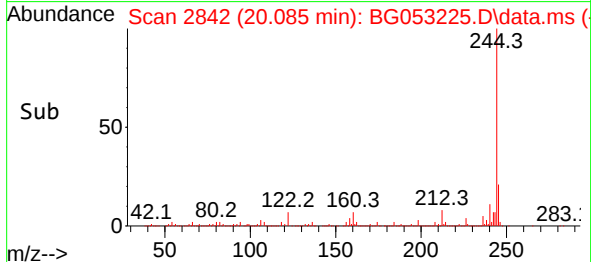
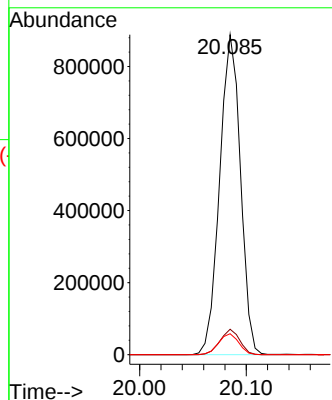
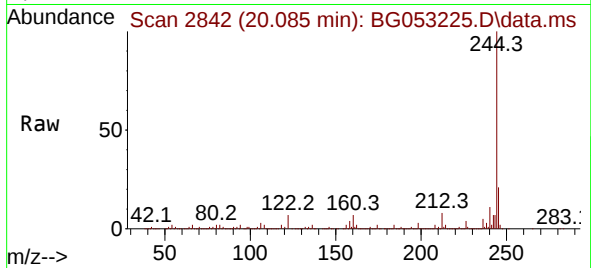




#79
 Terphenyl-d14
 Concen: 91.526 ng
 RT: 20.085 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG053225.D
 Acq: 20 Apr 2022 21:10

Instrument :
 BNA_G
 ClientSampleId :
 WC-15-1-8

Tgt Ion:244 Resp: 1201947
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.4 8.2
 122 6.6 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: BG053225.D
 Acq: 20 Apr 2022 21:10

Tgt Ion:264 Resp: 209776
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.2 27.2
 265 21.1 15.1 22.7

