

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042322\
 Data File : BG053287.D
 Acq On : 23 Apr 2022 11:12
 Operator : CG/JU
 Sample : PB144287BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144287BL

Quant Time: Apr 24 02:48:13 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)

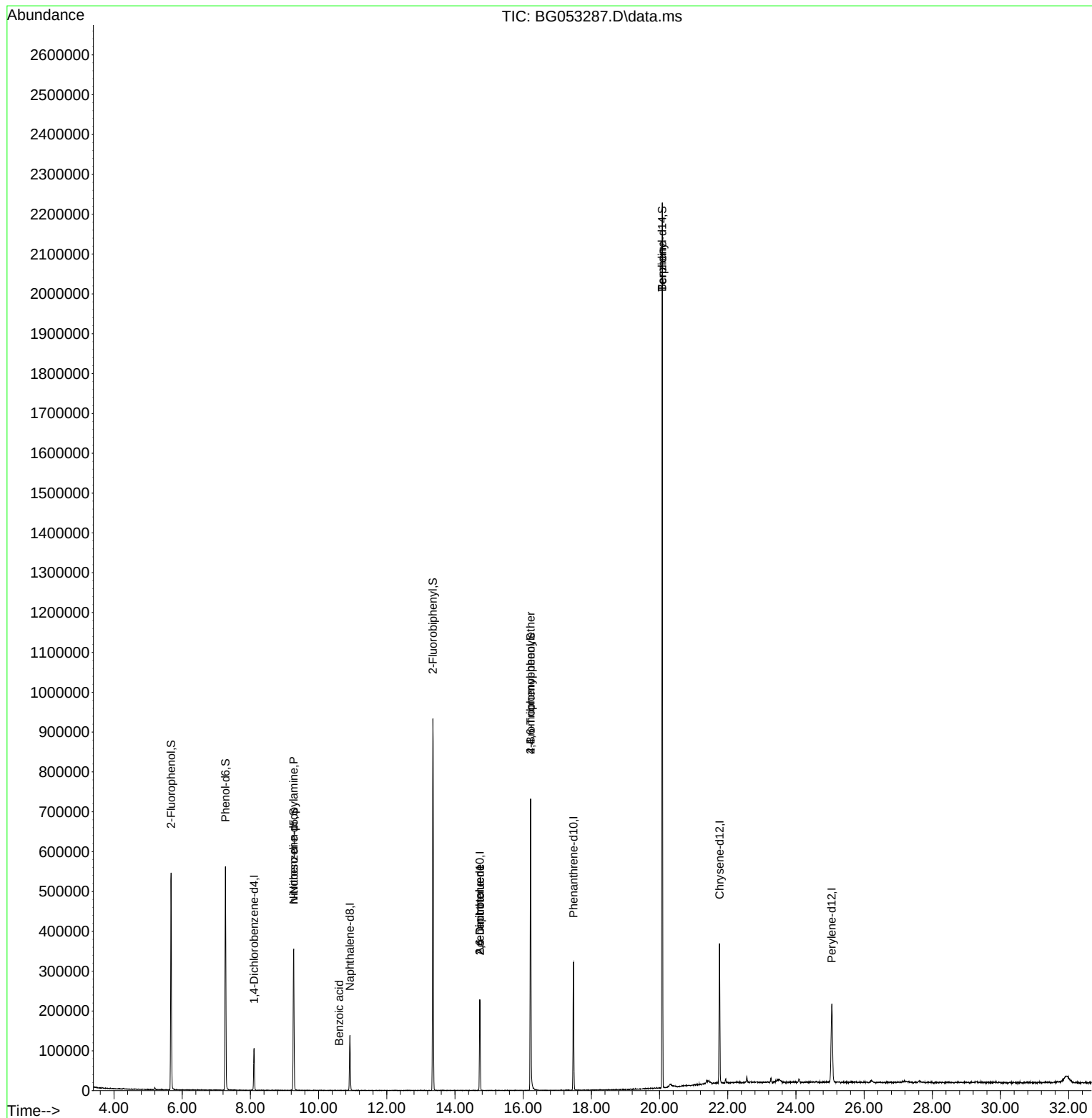
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.108	152	29050	20.000	ng	0.00
21) Naphthalene-d8	10.921	136	114700	20.000	ng	# 0.00
39) Acenaphthene-d10	14.728	164	83755	20.000	ng	0.00
64) Phenanthrene-d10	17.477	188	213433	20.000	ng	0.00
76) Chrysene-d12	21.760	240	238588	20.000	ng	0.00
86) Perylene-d12	25.049	264	231361	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.676	112	227841	134.444	ng	0.00
7) Phenol-d6	7.268	99	319667	122.319	ng	0.00
23) Nitrobenzene-d5	9.271	82	229789	81.345	ng	0.00
42) 2,4,6-Tribromophenol	16.220	330	159717	119.862	ng	0.00
45) 2-Fluorobiphenyl	13.353	172	512042	84.300	ng	0.00
79) Terphenyl-d14	20.080	244	1119069	79.216	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.271	70	31422	16.423	ng	# 77
32) Benzoic acid	10.604	122	69	3.689	ng	# 1
51) 2,6-Dinitrotoluene	14.728	165	11264	8.060	ng	# 26
57) 2,4-Dinitrotoluene	14.728	165	11264	5.661	ng	# 24
67) 4-Bromophenyl-phenylether	16.220	248	9980	3.649	ng	# 1
77) Benzidine	20.080	184	18907	2.777	ng	# 90

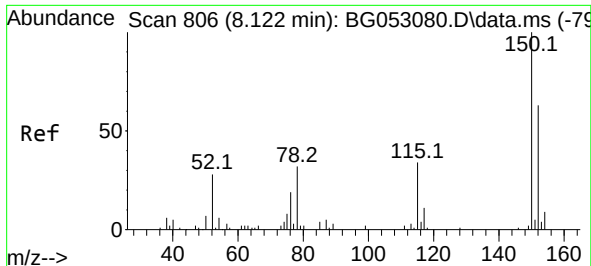
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042322\
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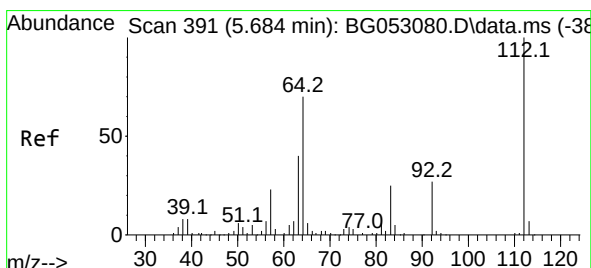
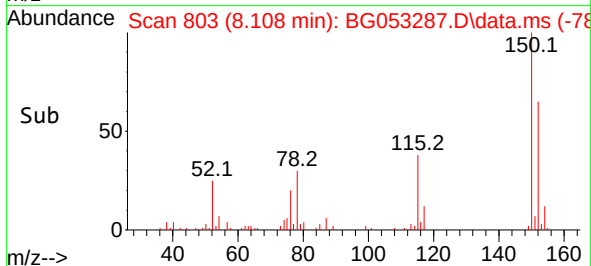
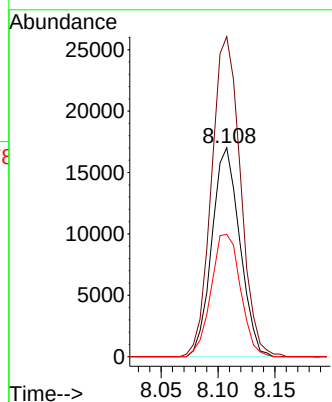
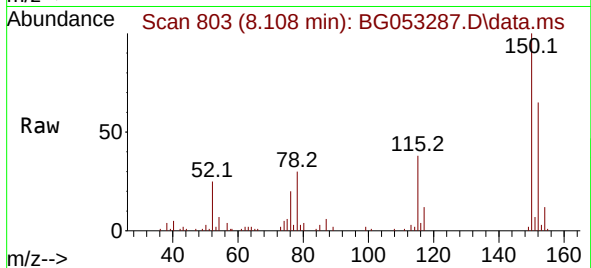




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.108 min Scan# 806
Delta R.T. -0.005 min
Lab File: BG053287.D
Acq: 23 Apr 2022 11:12

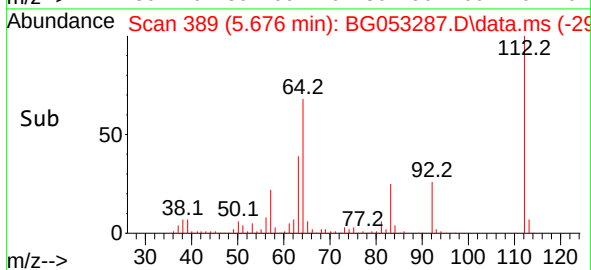
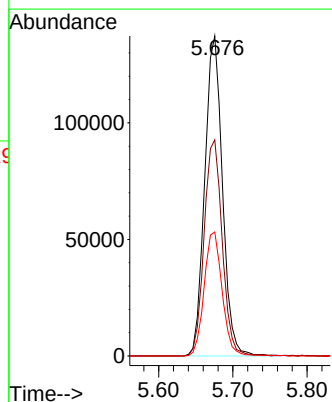
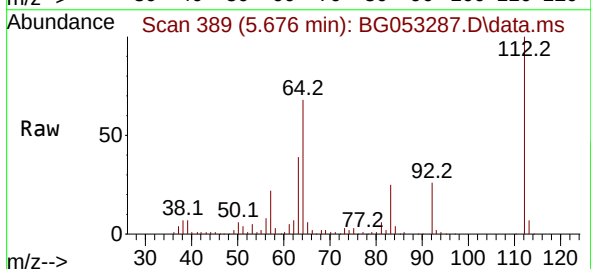
Instrument :
BNA_G
ClientSampleId :
PB144287BL

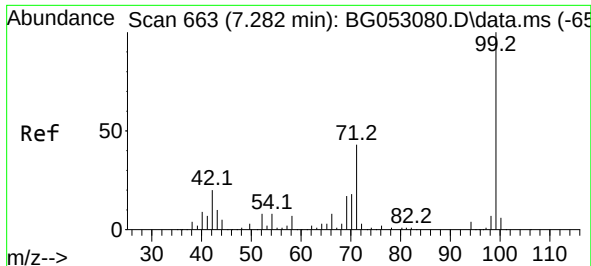
Tgt Ion:152 Resp: 29050
Ion Ratio Lower Upper
152 100
150 153.1 114.6 172.0
115 58.5 45.9 68.9



#5
2-Fluorophenol
Concen: 134.444 ng
RT: 5.676 min Scan# 389
Delta R.T. -0.000 min
Lab File: BG053287.D
Acq: 23 Apr 2022 11:12

Tgt Ion:112 Resp: 227841
Ion Ratio Lower Upper
112 100
64 67.6 48.0 72.0
63 38.7 26.5 39.7

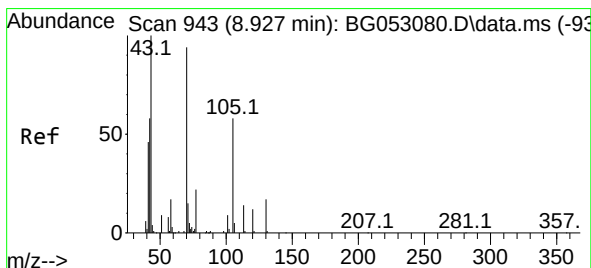
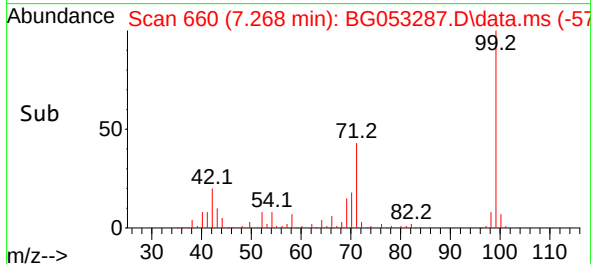
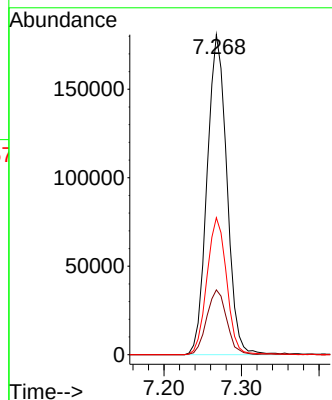
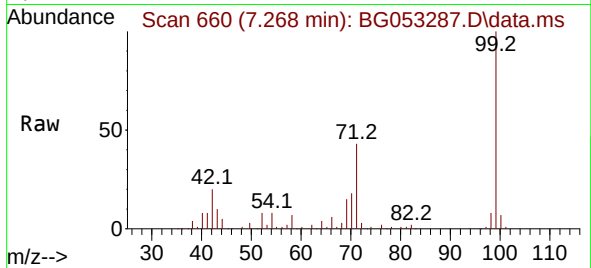




#7
Phenol-d6
Concen: 122.319 ng
RT: 7.268 min Scan# 60
Delta R.T. -0.006 min
Lab File: BG053287.D
Acq: 23 Apr 2022 11:12

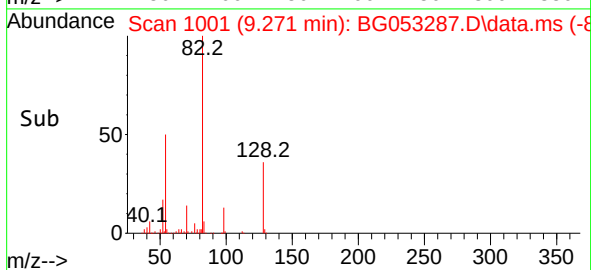
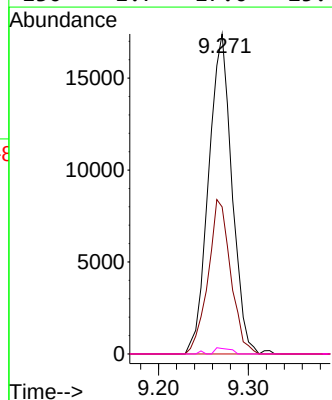
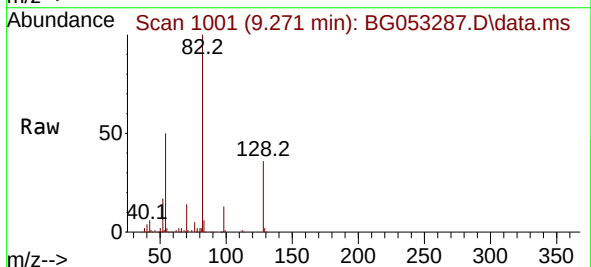
Instrument :
BNA_G
ClientSampleId :
PB144287BL

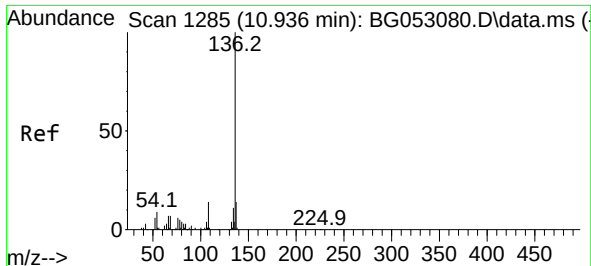
Tgt Ion: 99 Resp: 319667
Ion Ratio Lower Upper
99 100
42 20.3 14.7 22.1
71 42.8 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.423 ng
RT: 9.271 min Scan# 1001
Delta R.T. 0.358 min
Lab File: BG053287.D
Acq: 23 Apr 2022 11:12

Tgt Ion: 70 Resp: 31422
Ion Ratio Lower Upper
70 100
42 46.0 46.0 69.0#
101 0.0 6.2 9.4#
130 1.7 17.0 25.4#

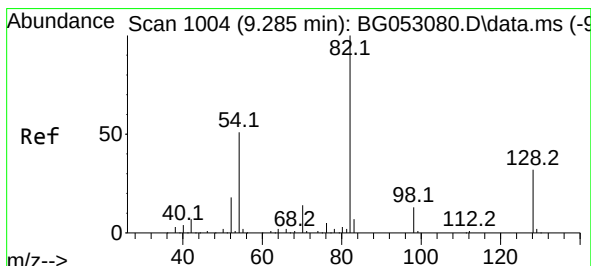
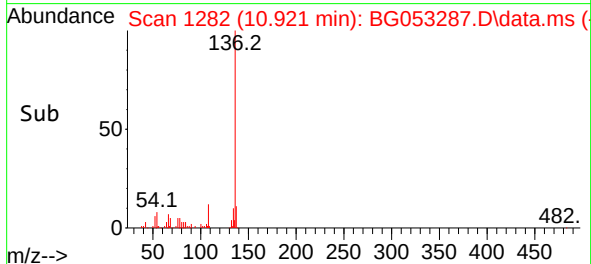
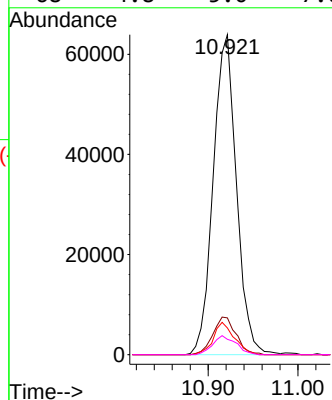
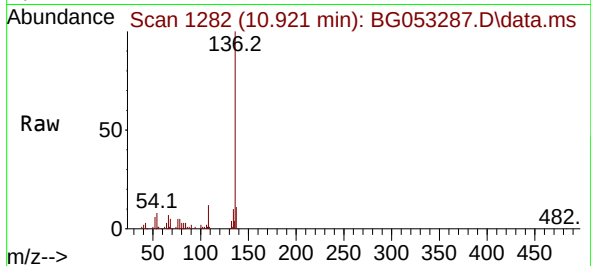




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.921 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG053287.D
Acq: 23 Apr 2022 11:12

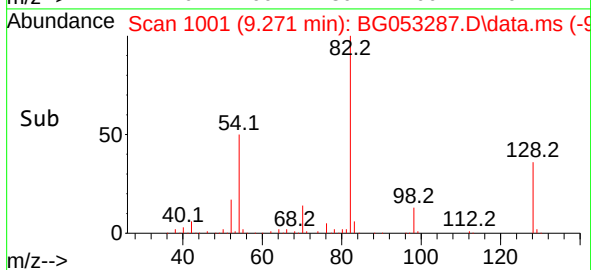
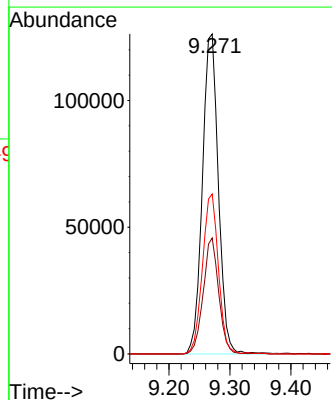
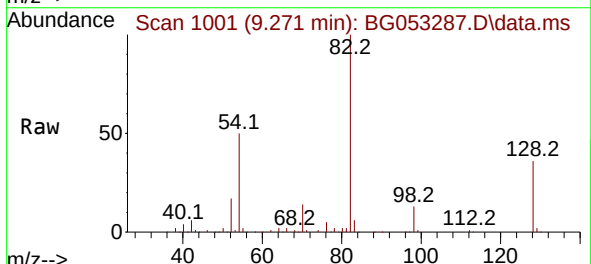
Instrument :
BNA_G
ClientSampleId :
PB144287BL

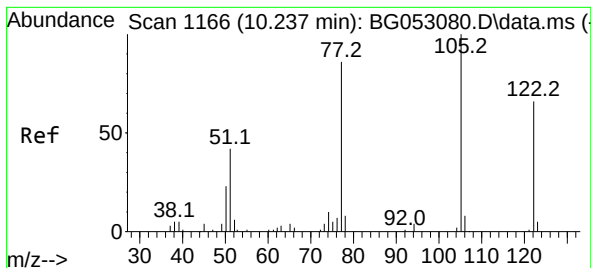
Tgt Ion:136 Resp: 114700
Ion Ratio Lower Upper
136 100
137 11.5 9.4 14.2
54 8.3 6.4 9.6
68 4.8 5.0 7.6#



#23
Nitrobenzene-d5
Concen: 81.345 ng
RT: 9.271 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BG053287.D
Acq: 23 Apr 2022 11:12

Tgt Ion: 82 Resp: 229789
Ion Ratio Lower Upper
82 100
128 36.2 31.3 46.9
54 50.0 37.8 56.8





#32

Benzoic acid

Concen: 3.689 ng

RT: 10.604 min Scan# 1166

Delta R.T. 0.370 min

Lab File: BG053287.D

Acq: 23 Apr 2022 11:12

Instrument :

BNA_G

ClientSampleId :

PB144287BL

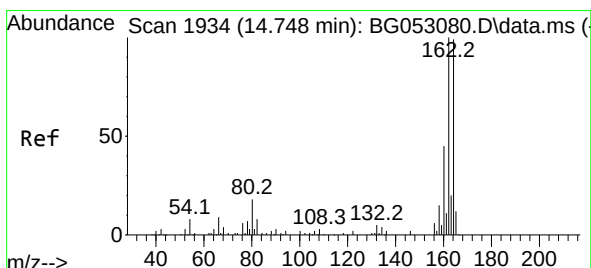
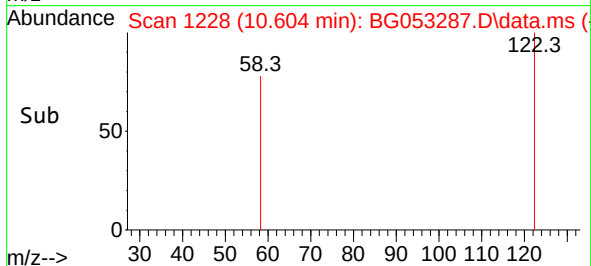
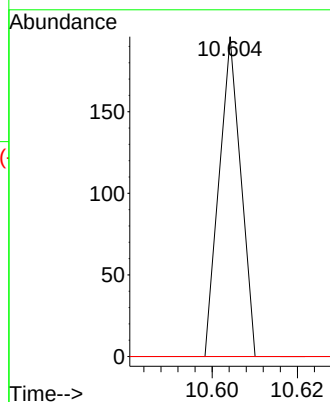
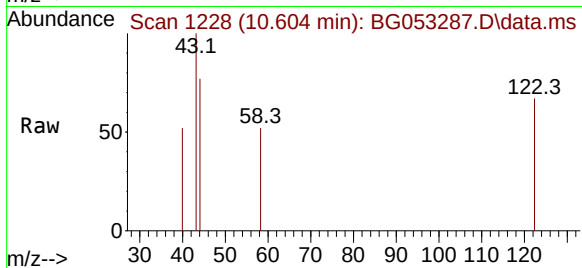
Tgt Ion:122 Resp: 69

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: BG053287.D

Acq: 23 Apr 2022 11:12

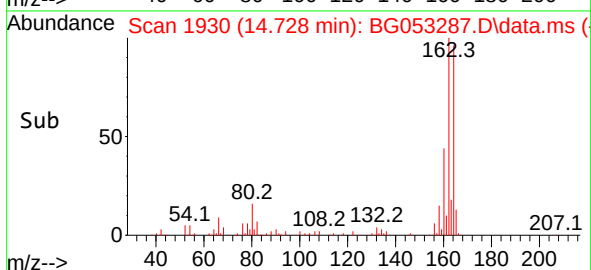
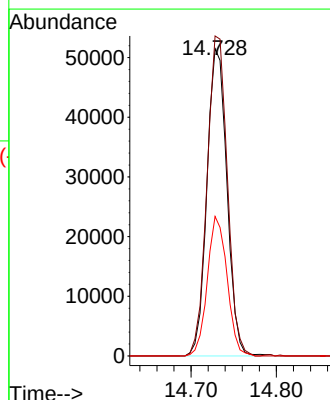
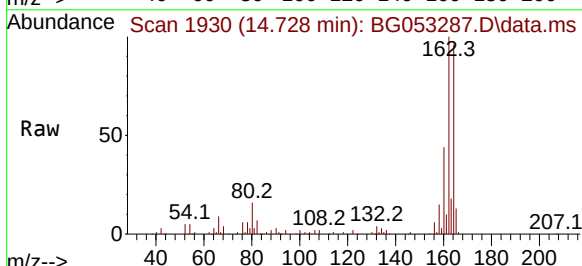
Tgt Ion:164 Resp: 83755

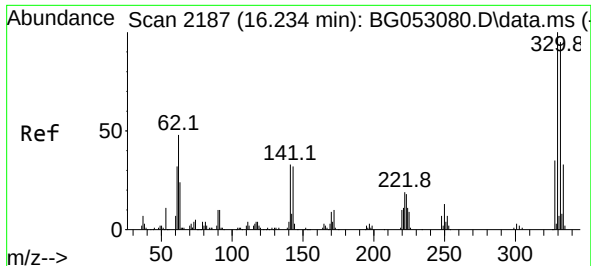
Ion Ratio Lower Upper

164 100

162 104.1 80.0 120.0

160 45.4 38.8 58.2

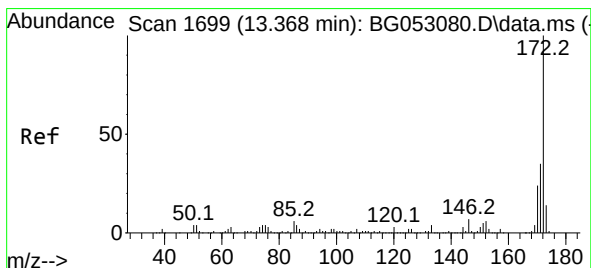
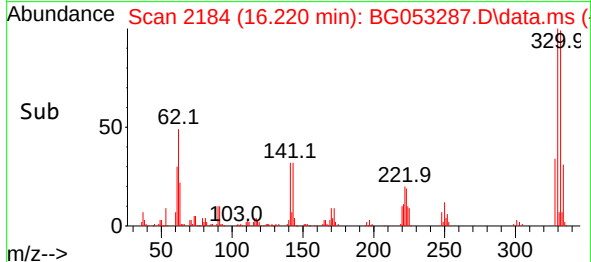
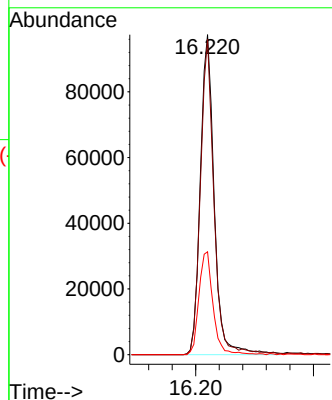
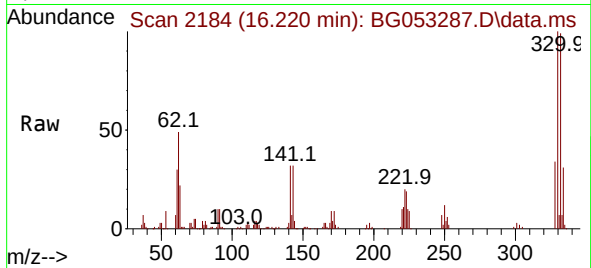




#42
2,4,6-Tribromophenol
Concen: 119.862 ng
RT: 16.220 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BG053287.D
Acq: 23 Apr 2022 11:12

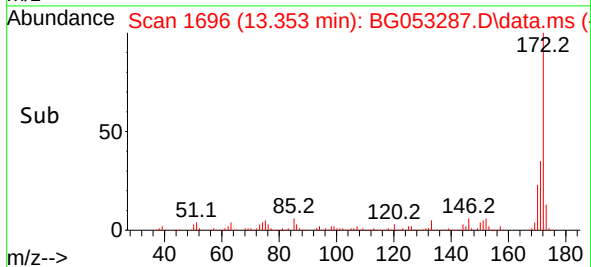
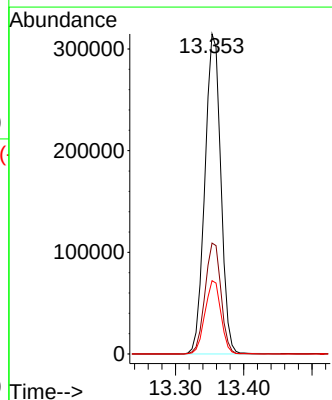
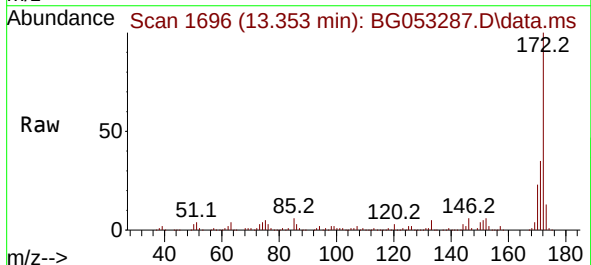
Instrument :
BNA_G
ClientSampleId :
PB144287BL

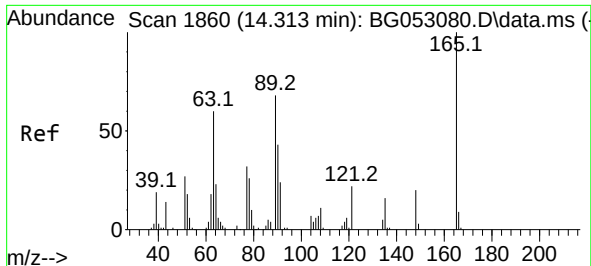
Tgt Ion:330 Resp: 159717
Ion Ratio Lower Upper
330 100
332 95.9 75.8 113.6
141 32.7 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 84.300 ng
RT: 13.353 min Scan# 1696
Delta R.T. -0.006 min
Lab File: BG053287.D
Acq: 23 Apr 2022 11:12

Tgt Ion:172 Resp: 512042
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 22.9 18.0 27.0





#51

2,6-Dinitrotoluene

Concen: 8.060 ng

RT: 14.728 min Scan# 1930

Delta R.T. 0.423 min

Lab File: BG053287.D

Acq: 23 Apr 2022 11:12

Instrument :

BNA_G

ClientSampleId :

PB144287BL

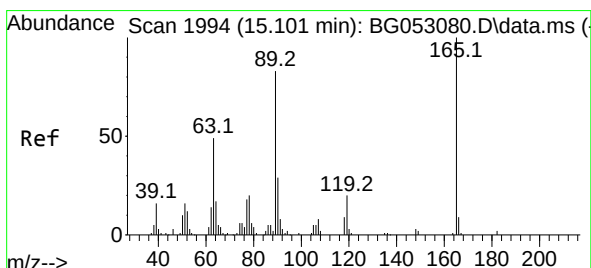
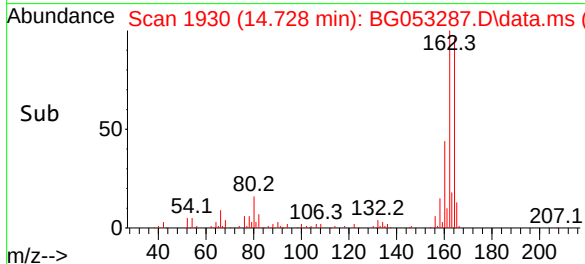
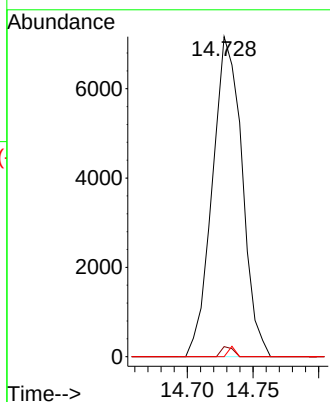
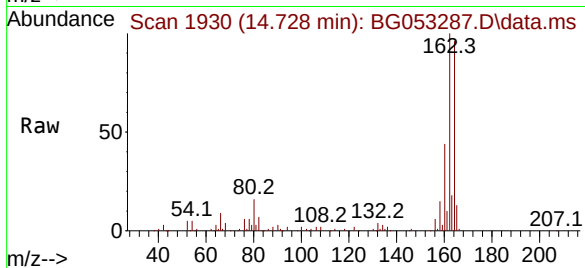
Tgt Ion:165 Resp: 11264

Ion Ratio Lower Upper

165 100

63 3.2 43.7 65.5#

89 0.0 45.0 67.4#



#57

2,4-Dinitrotoluene

Concen: 5.661 ng

RT: 14.728 min Scan# 1930

Delta R.T. -0.364 min

Lab File: BG053287.D

Acq: 23 Apr 2022 11:12

Tgt Ion:165 Resp: 11264

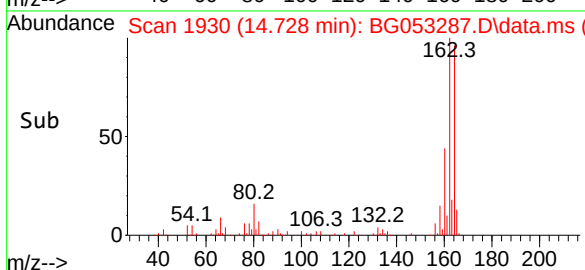
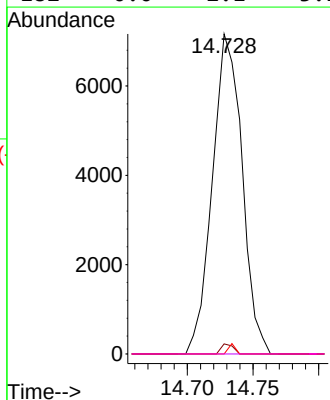
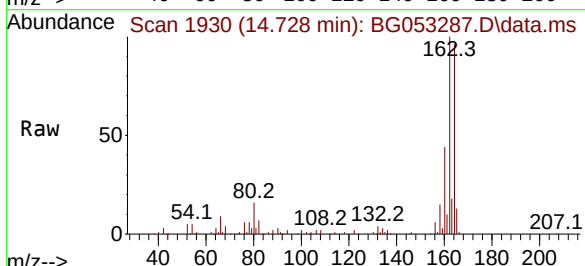
Ion Ratio Lower Upper

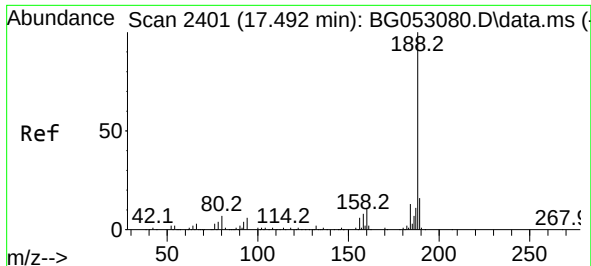
165 100

63 3.2 34.8 52.2#

89 0.0 57.4 86.0#

182 0.0 2.1 3.1#

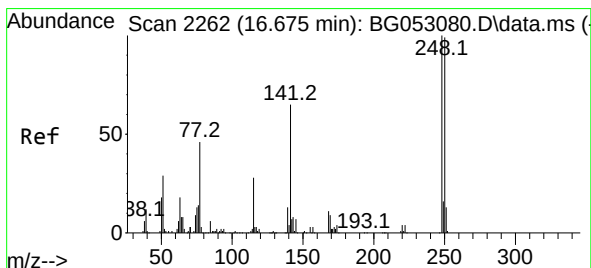
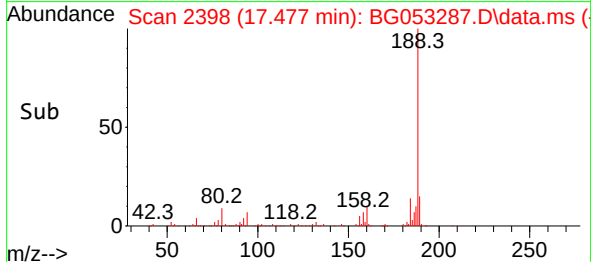
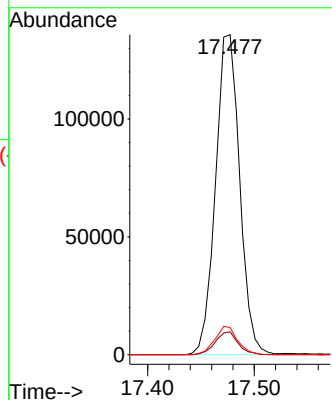
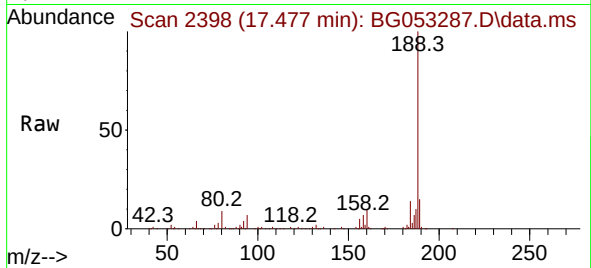




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.477 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG053287.D
Acq: 23 Apr 2022 11:12

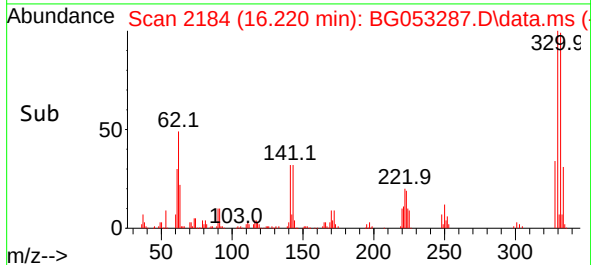
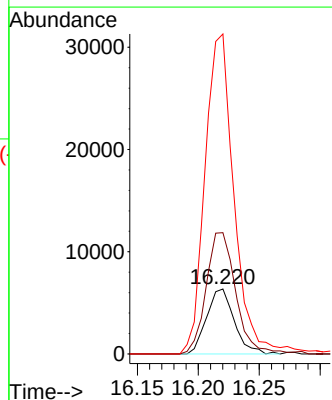
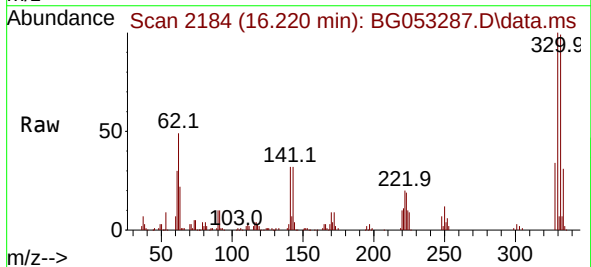
Instrument :
BNA_G
ClientSampleId :
PB144287BL

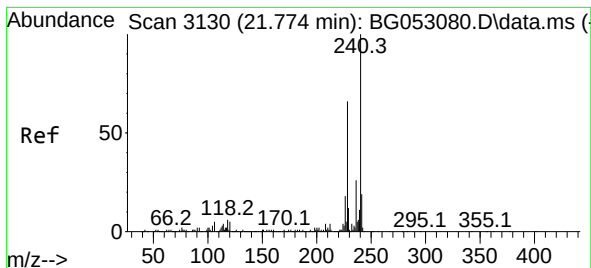
Tgt Ion:188 Resp: 213433
Ion Ratio Lower Upper
188 100
94 7.2 5.7 8.5
80 8.5 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 3.649 ng
RT: 16.220 min Scan# 2184
Delta R.T. -0.441 min
Lab File: BG053287.D
Acq: 23 Apr 2022 11:12

Tgt Ion:248 Resp: 9980
Ion Ratio Lower Upper
248 100
250 186.5 77.9 116.9#
141 492.3 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: BG053287.D

Acq: 23 Apr 2022 11:12

Instrument :

BNA_G

ClientSampleId :

PB144287BL

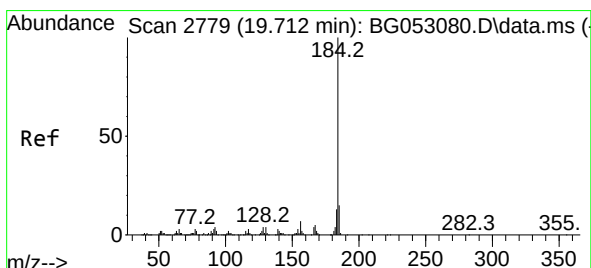
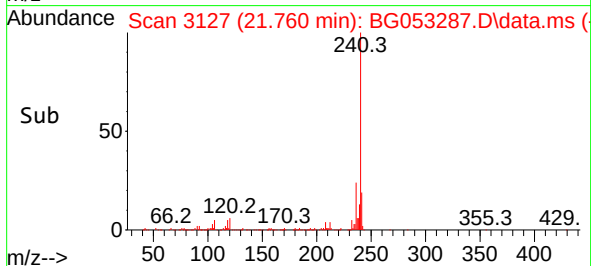
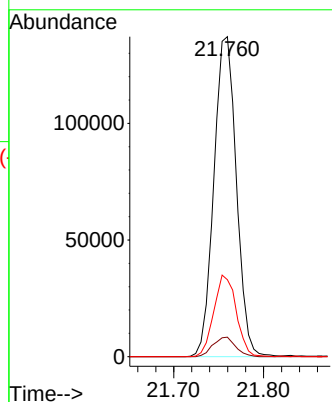
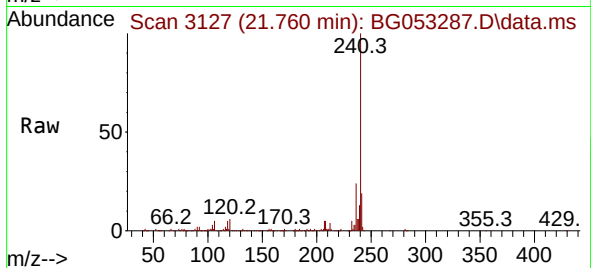
Tgt Ion:240 Resp: 238588

Ion Ratio Lower Upper

240 100

120 6.1 5.4 8.0

236 24.1 19.8 29.6



#77

Benzidine

Concen: 2.777 ng

RT: 20.080 min Scan# 2841

Delta R.T. 0.376 min

Lab File: BG053287.D

Acq: 23 Apr 2022 11:12

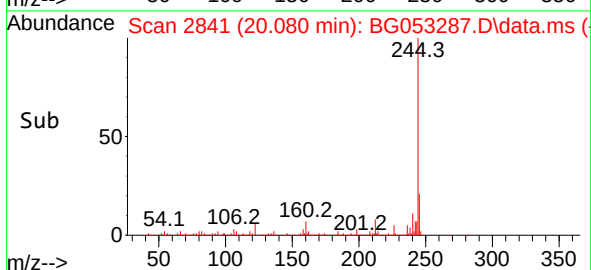
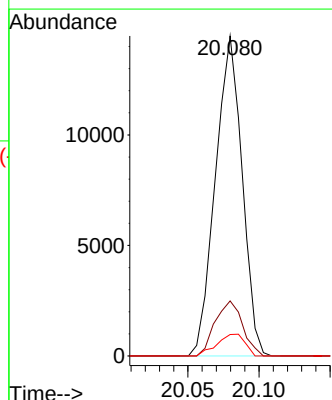
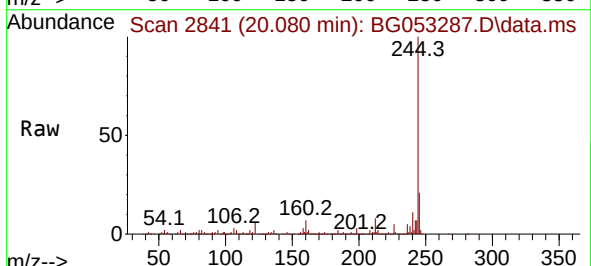
Tgt Ion:184 Resp: 18907

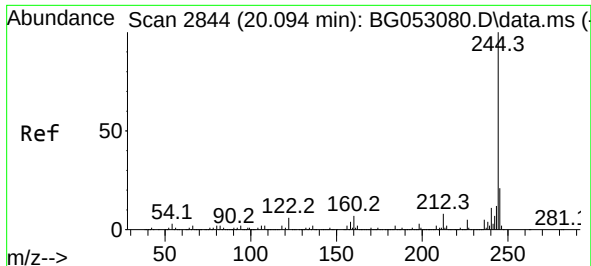
Ion Ratio Lower Upper

184 100

185 17.2 11.5 17.3

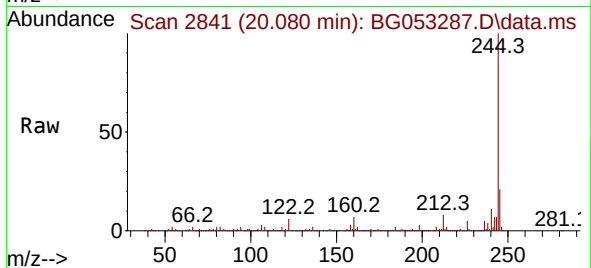
183 6.7 9.4 14.2#



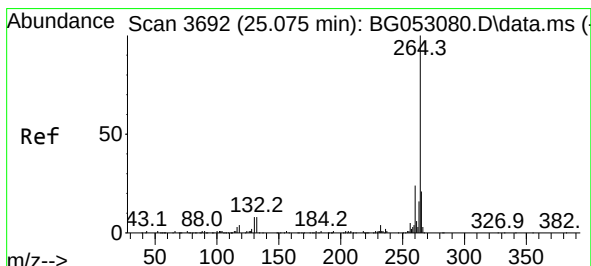
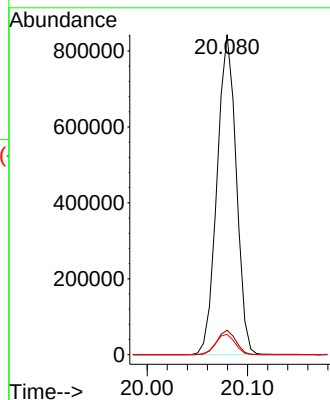
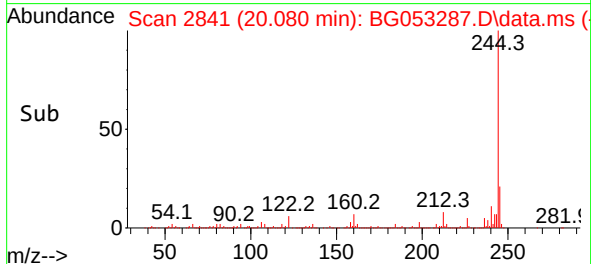


#79
 Terphenyl-d14
 Concen: 79.216 ng
 RT: 20.080 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG053287.D
 Acq: 23 Apr 2022 11:12

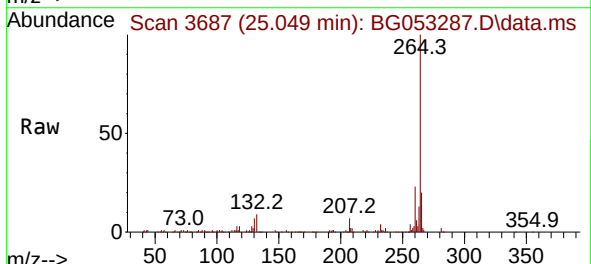
Instrument :
 BNA_G
 ClientSampleId :
 PB144287BL



Tgt Ion:244 Resp: 1119069
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.4 8.2
 122 6.3 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.049 min Scan# 3687
 Delta R.T. -0.012 min
 Lab File: BG053287.D
 Acq: 23 Apr 2022 11:12



Tgt Ion:264 Resp: 231361
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.2 27.2
 265 19.6 15.1 22.7

