

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092822\
 Data File : BG055037.D
 Acq On : 28 Sep 2022 16:09
 Operator : CG/JU
 Sample : PB147850BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147850BL

Quant Time: Sep 28 17:02:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 15:43:39 2022
 Response via : Initial Calibration

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

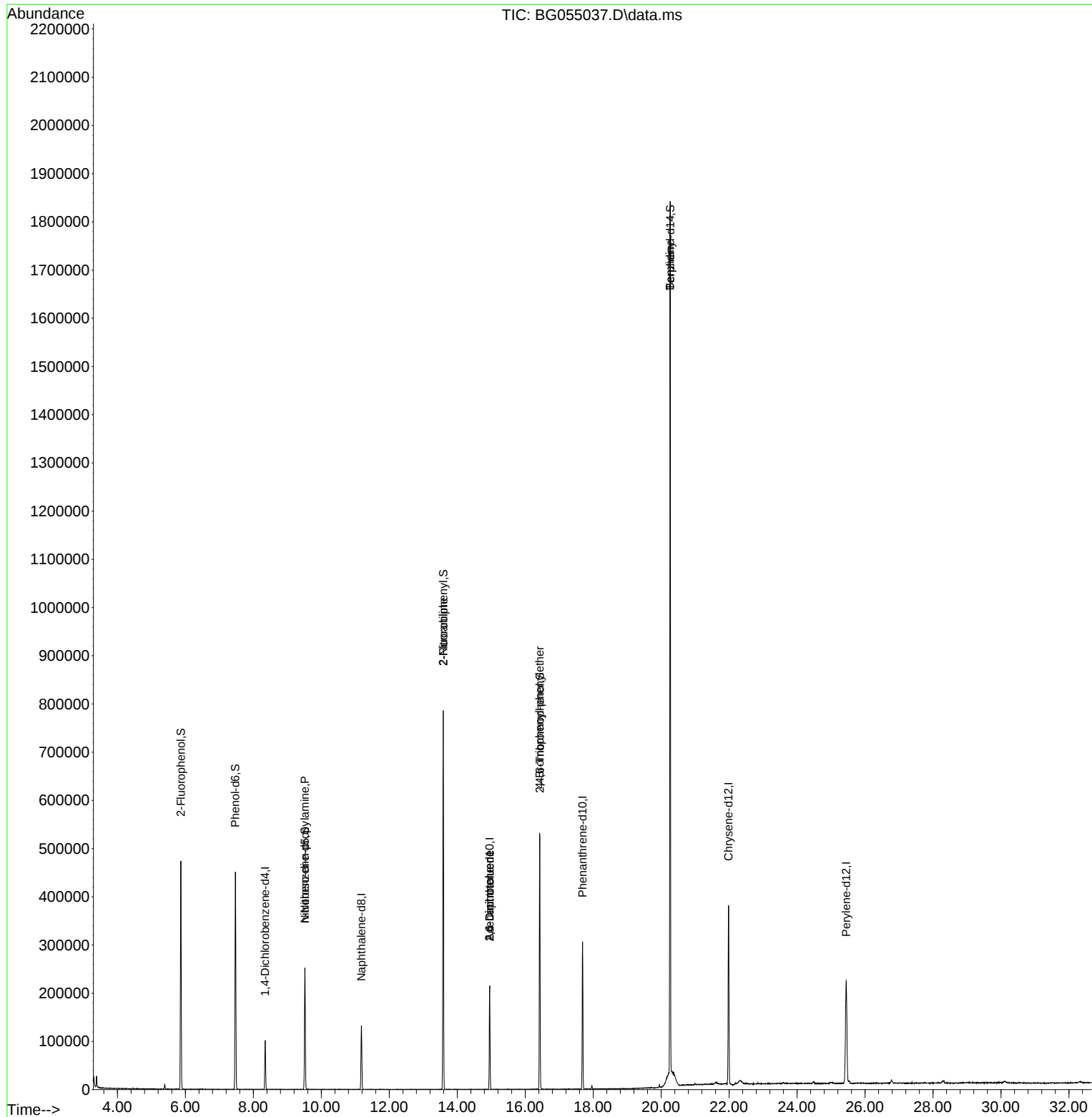
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.346	152	28949	20.000	ng	0.00
21) Naphthalene-d8	11.178	136	115749	20.000	ng	# 0.00
39) Acenaphthene-d10	14.956	164	77026	20.000	ng	0.00
64) Phenanthrene-d10	17.688	188	194880	20.000	ng	0.00
76) Chrysene-d12	21.983	240	245568	20.000	ng	#-0.01
86) Perylene-d12	25.444	264	254611	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.866	112	200547	132.799	ng	0.00
7) Phenol-d6	7.470	99	258307	128.917	ng	0.00
23) Nitrobenzene-d5	9.515	82	147965	82.482	ng	0.00
42) 2,4,6-Tribromophenol	16.431	330	112103	128.262	ng	0.00
45) 2-Fluorobiphenyl	13.587	172	387518	79.193	ng	0.00
79) Terphenyl-d14	20.267	244	920265	78.145	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.470	77	475	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	9.515	70	20695	13.147	ng	# 87
48) 2-Nitroaniline	13.587	65	513	4.696	ng	# 1
51) 2,6-Dinitrotoluene	14.956	165	10063	12.172	ng	# 20
57) 2,4-Dinitrotoluene	14.956	165	10063	10.332	ng	# 18
67) 4-Bromophenyl-phenylether	16.425	248	7165	3.413	ng	# 1
77) Benizidine	20.261	184	14159	2.328	ng	# 86

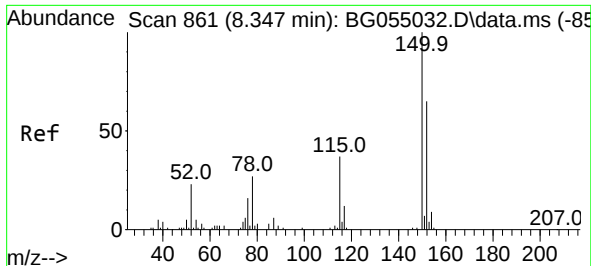
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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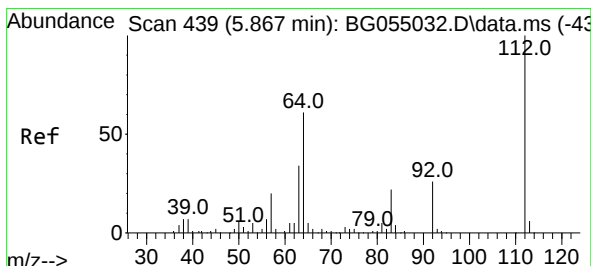
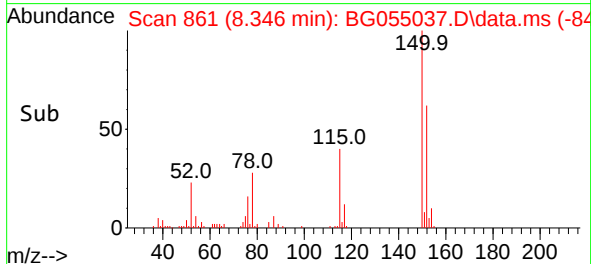
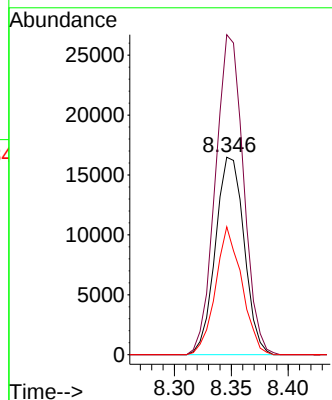
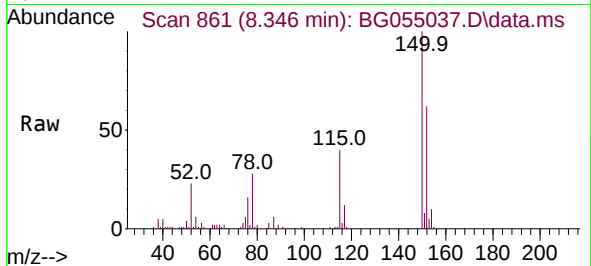




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.346 min Scan# 80
Delta R.T. -0.001 min
Lab File: BG055037.D
Acq: 28 Sep 2022 16:09

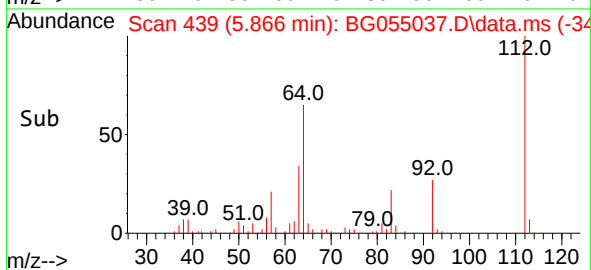
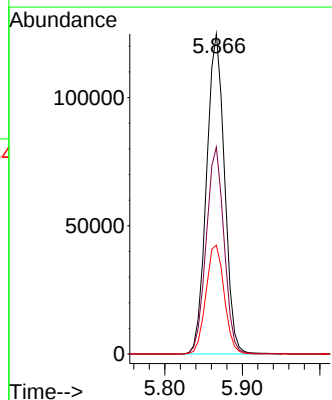
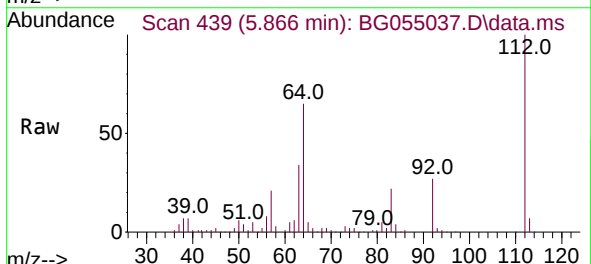
Instrument :
BNA_G
ClientSampleId :
PB147850BL

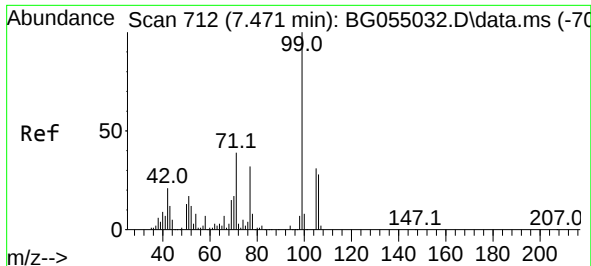
Tgt Ion:152 Resp: 28949
Ion Ratio Lower Upper
152 100
150 162.1 125.2 187.8
115 64.7 47.9 71.9



#5
2-Fluorophenol
Concen: 132.799 ng
RT: 5.866 min Scan# 439
Delta R.T. -0.001 min
Lab File: BG055037.D
Acq: 28 Sep 2022 16:09

Tgt Ion:112 Resp: 200547
Ion Ratio Lower Upper
112 100
64 64.6 49.3 73.9
63 34.0 26.3 39.5





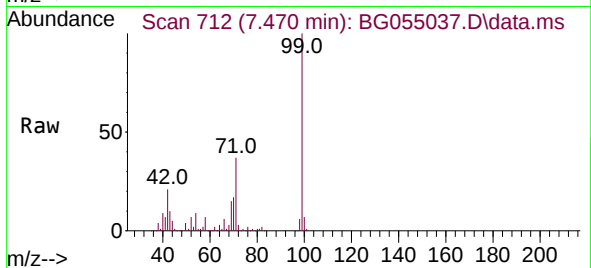
#7
Phenol-d6
Concen: 128.917 ng
RT: 7.470 min Scan# 712
Delta R.T. -0.001 min
Lab File: BG055037.D
Acq: 28 Sep 2022 16:09

Instrument :

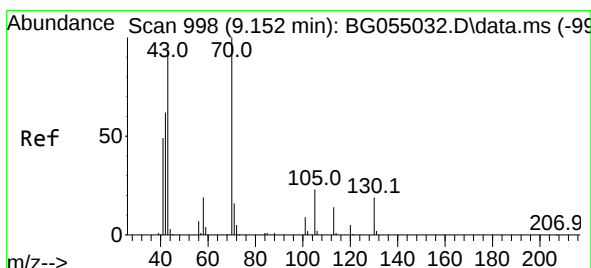
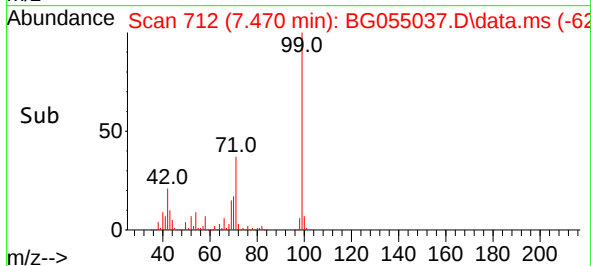
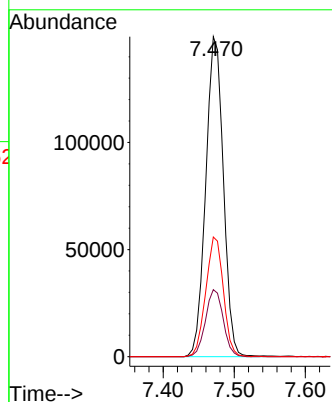
BNA_G

ClientSampleId :

PB147850BL

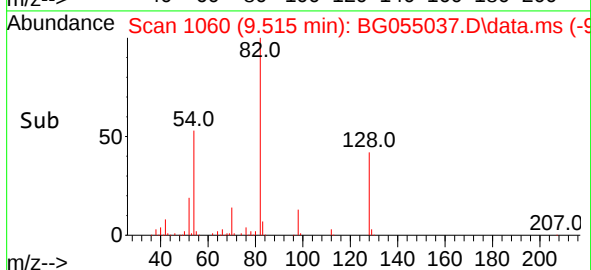
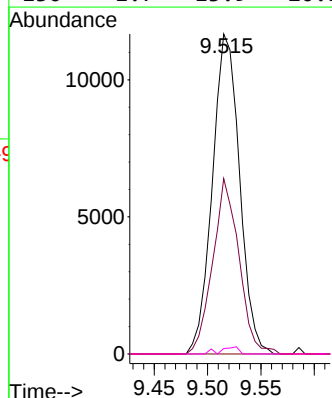
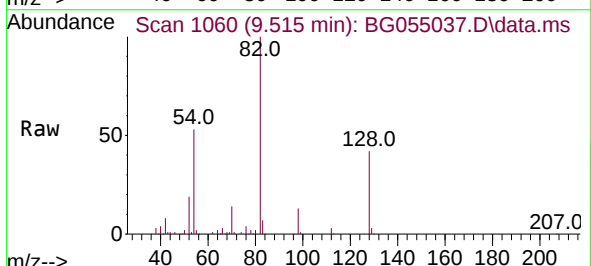


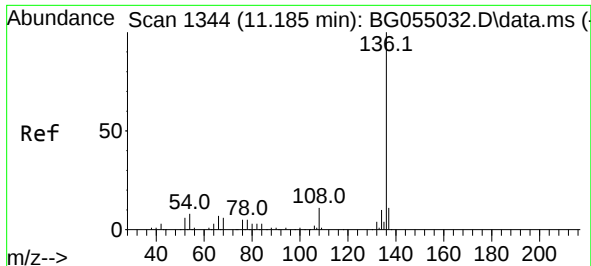
Tgt Ion: 99 Resp: 258307
Ion Ratio Lower Upper
99 100
42 21.0 14.6 22.0
71 37.4 24.6 37.0#



#19
n-Nitroso-di-n-propylamine
Concen: 13.147 ng
RT: 9.515 min Scan# 1060
Delta R.T. 0.363 min
Lab File: BG055037.D
Acq: 28 Sep 2022 16:09

Tgt Ion: 70 Resp: 20695
Ion Ratio Lower Upper
70 100
42 54.8 46.6 69.8
101 0.0 7.7 11.5#
130 1.7 13.9 20.9#

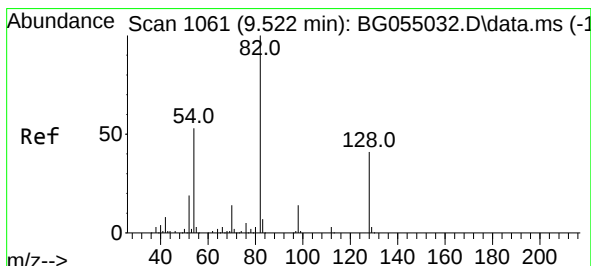
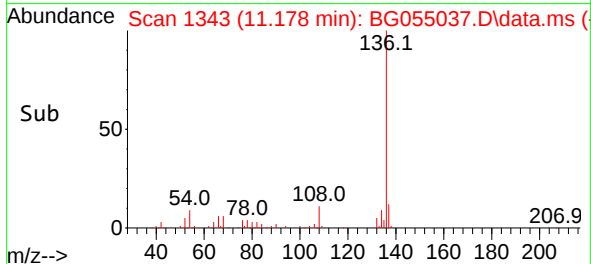
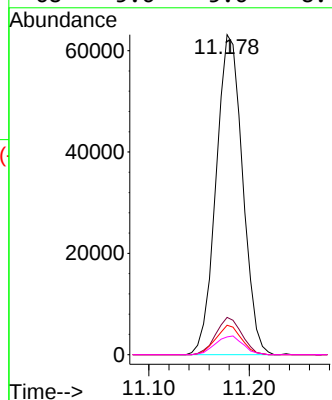
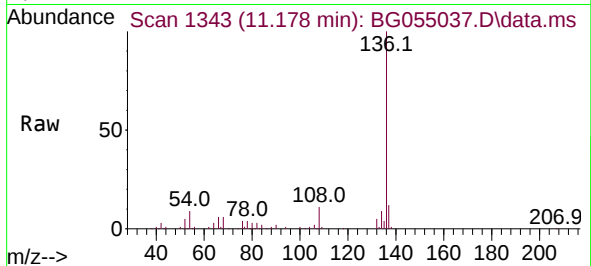




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.178 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG055037.D
Acq: 28 Sep 2022 16:09

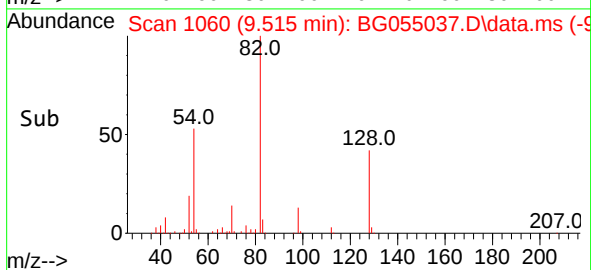
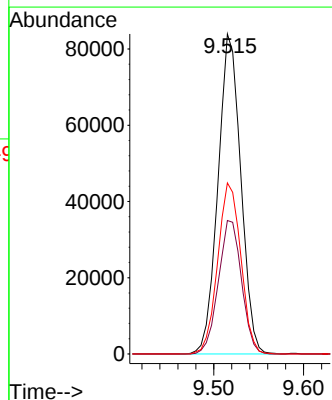
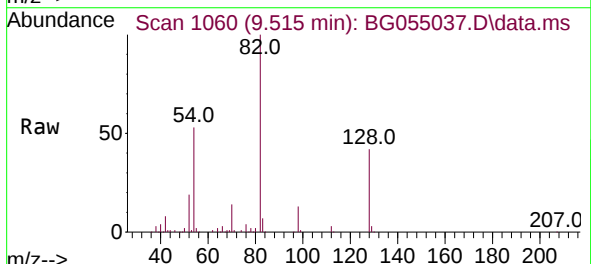
Instrument :
BNA_G
ClientSampleId :
PB147850BL

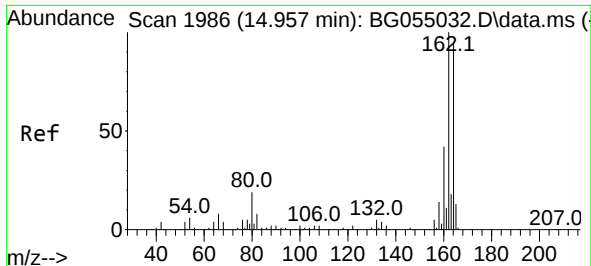
Tgt Ion:136 Resp: 115749
Ion Ratio Lower Upper
136 100
137 11.7 9.2 13.8
54 9.2 7.7 11.5
68 5.6 5.6 8.4#



#23
Nitrobenzene-d5
Concen: 82.482 ng
RT: 9.515 min Scan# 1060
Delta R.T. -0.007 min
Lab File: BG055037.D
Acq: 28 Sep 2022 16:09

Tgt Ion: 82 Resp: 147965
Ion Ratio Lower Upper
82 100
128 41.7 32.2 48.2
54 53.5 41.4 62.0

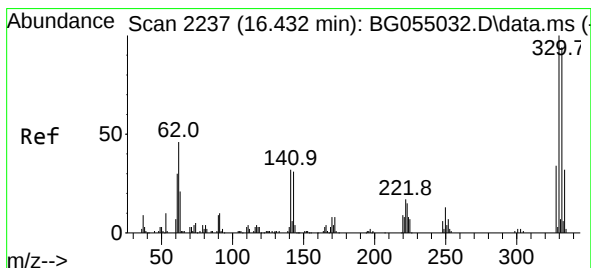
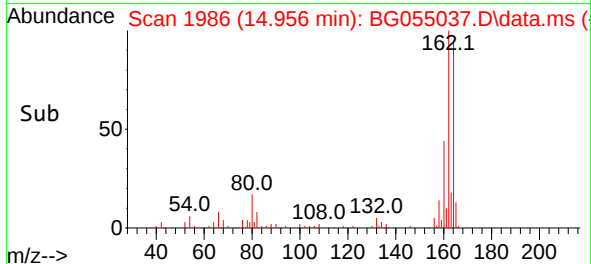
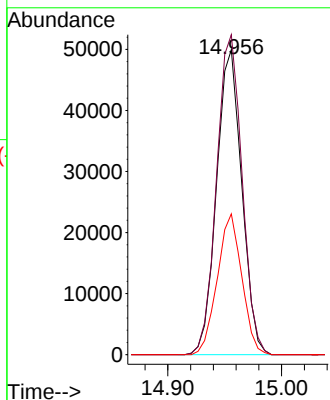
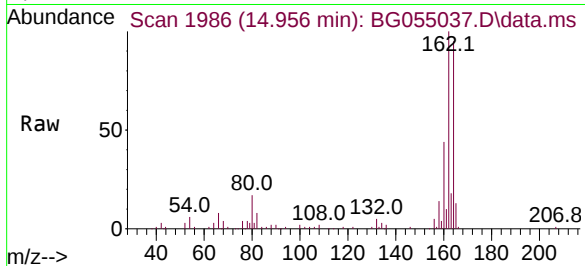




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.956 min Scan# 1986
Delta R.T. -0.001 min
Lab File: BG055037.D
Acq: 28 Sep 2022 16:09

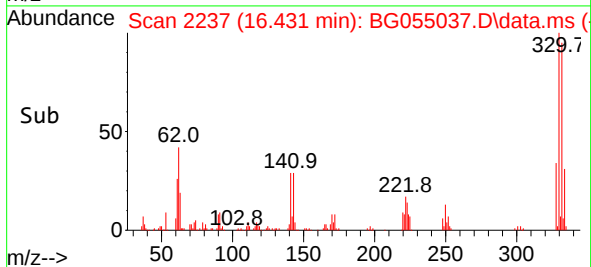
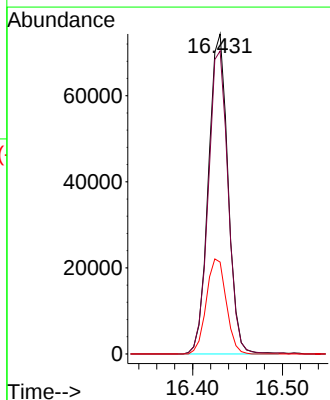
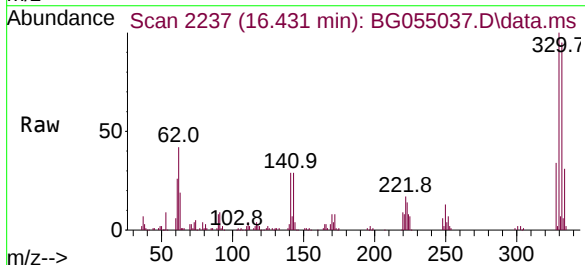
Instrument :
BNA_G
ClientSampleId :
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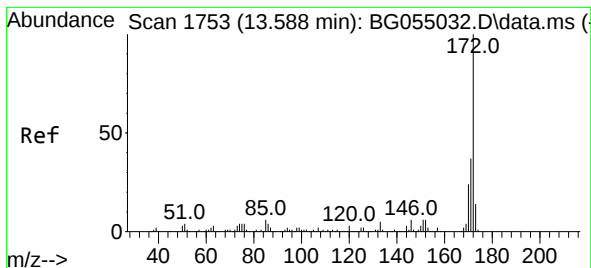
Tgt Ion:164 Resp: 77026
Ion Ratio Lower Upper
164 100
162 104.9 83.0 124.4
160 46.2 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 128.262 ng
RT: 16.431 min Scan# 2237
Delta R.T. -0.001 min
Lab File: BG055037.D
Acq: 28 Sep 2022 16:09

Tgt Ion:330 Resp: 112103
Ion Ratio Lower Upper
330 100
332 96.0 79.8 119.6
141 30.2 26.8 40.2

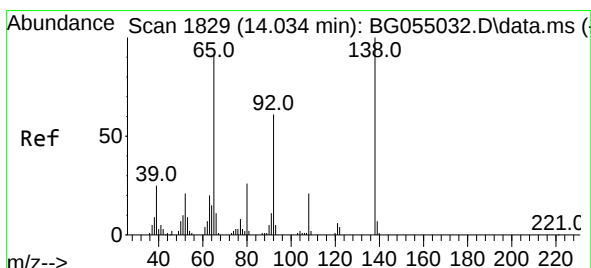
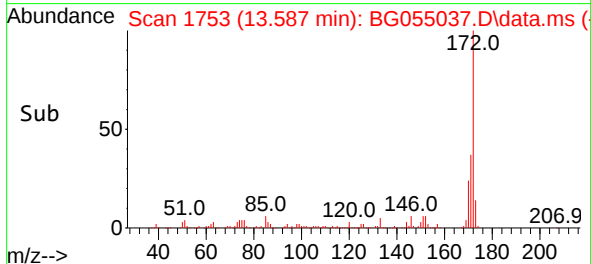
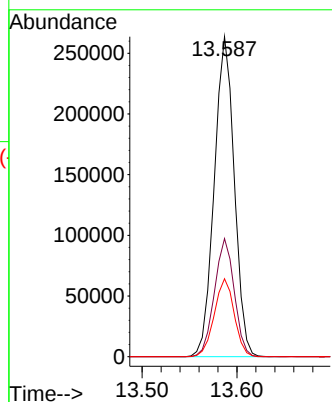
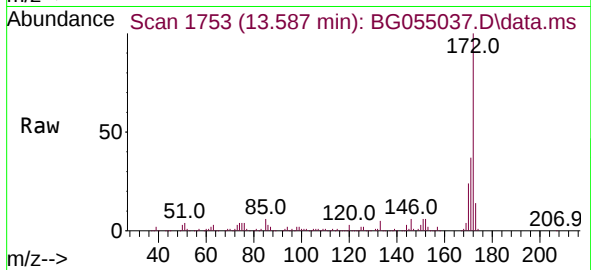




#45
2-Fluorobiphenyl
Concen: 79.193 ng
RT: 13.587 min Scan# 1753
Delta R.T. -0.001 min
Lab File: BG055037.D
Acq: 28 Sep 2022 16:09

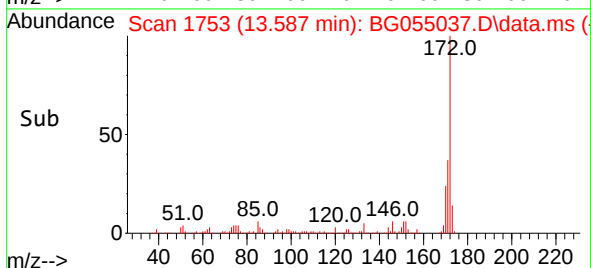
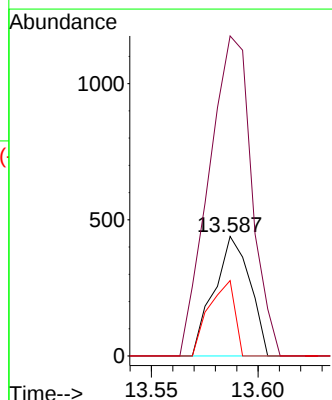
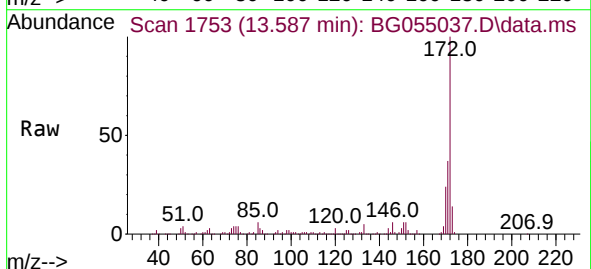
Instrument :
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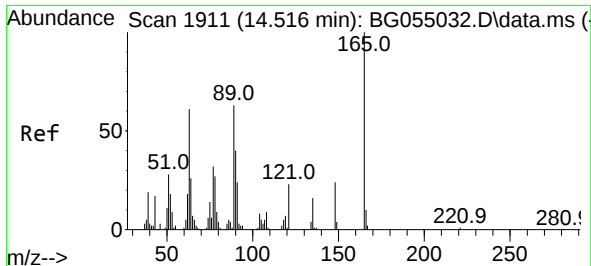
Tgt Ion:172 Resp: 387518
Ion Ratio Lower Upper
172 100
171 36.9 31.2 46.8
170 24.4 20.6 30.8



#48
2-Nitroaniline
Concen: 4.696 ng
RT: 13.587 min Scan# 1753
Delta R.T. -0.447 min
Lab File: BG055037.D
Acq: 28 Sep 2022 16:09

Tgt Ion: 65 Resp: 513
Ion Ratio Lower Upper
65 100
92 267.7 54.7 82.1#
138 63.1 84.1 126.1#

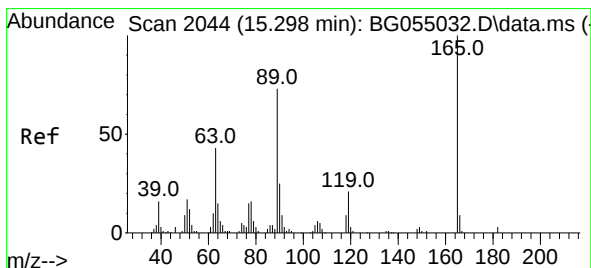
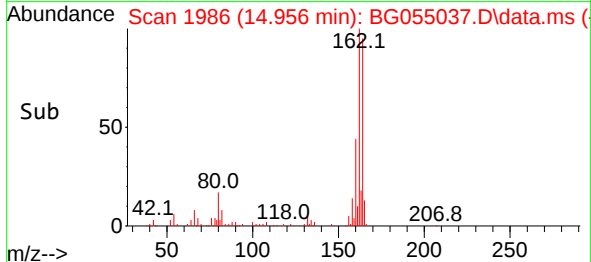
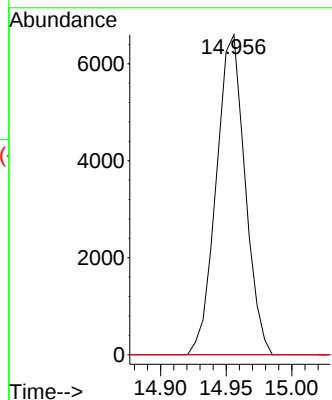
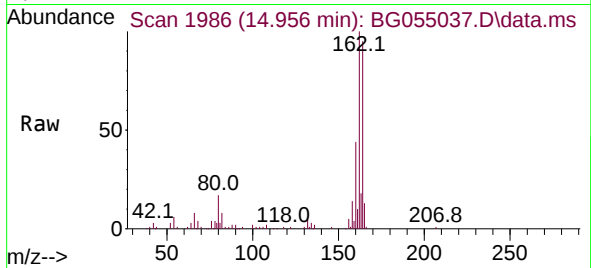




#51
2,6-Dinitrotoluene
Concen: 12.172 ng
RT: 14.956 min Scan# 1911
Delta R.T. 0.440 min
Lab File: BG055037.D
Acq: 28 Sep 2022 16:09

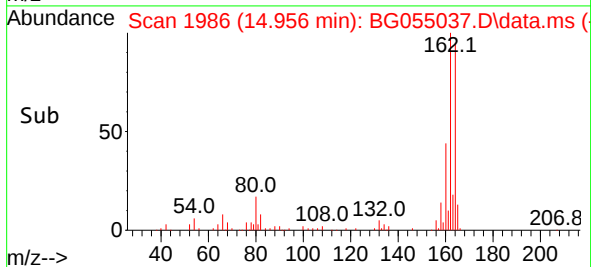
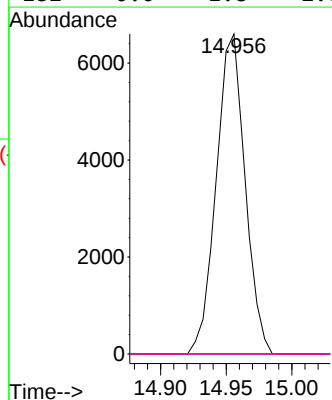
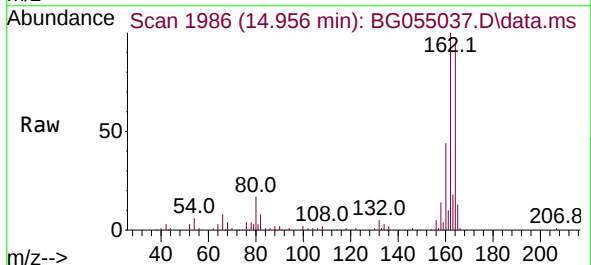
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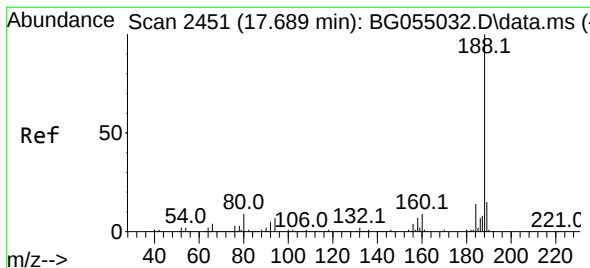
Tgt Ion:165 Resp: 10063
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 0.0 50.3 75.5#



#57
2,4-Dinitrotoluene
Concen: 10.332 ng
RT: 14.956 min Scan# 1986
Delta R.T. -0.342 min
Lab File: BG055037.D
Acq: 28 Sep 2022 16:09

Tgt Ion:165 Resp: 10063
Ion Ratio Lower Upper
165 100
63 0.0 36.8 55.2#
89 0.0 64.3 96.5#
182 0.0 1.8 2.6#

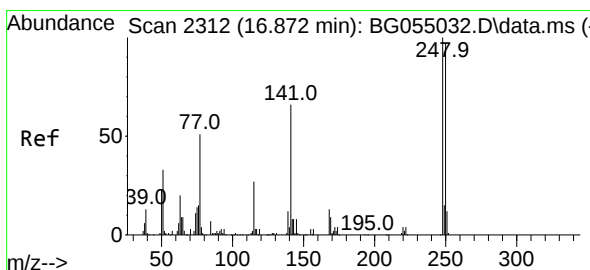
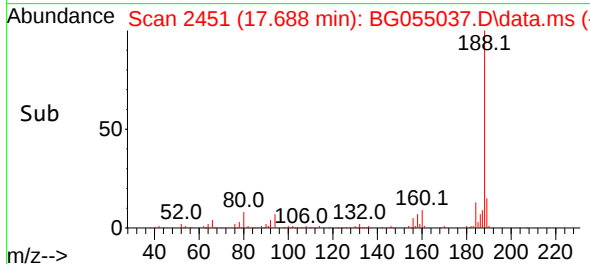
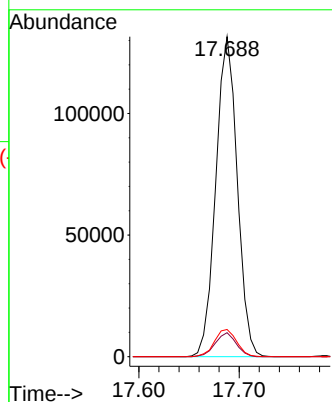
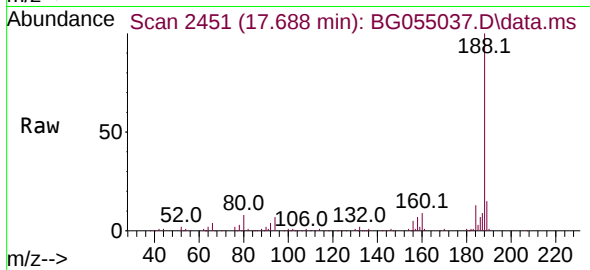




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.688 min Scan# 2451
Delta R.T. -0.001 min
Lab File: BG055037.D
Acq: 28 Sep 2022 16:09

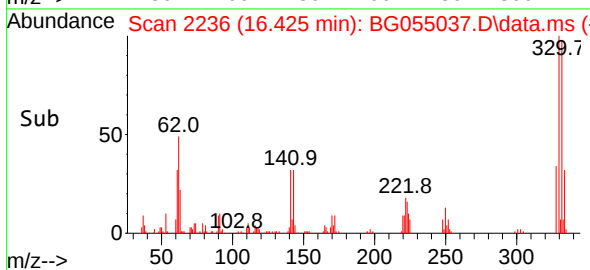
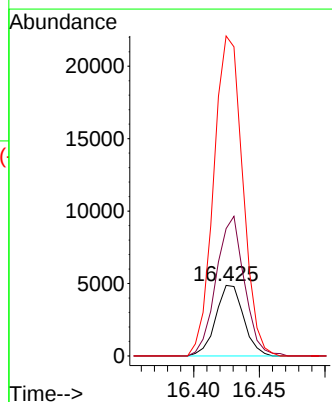
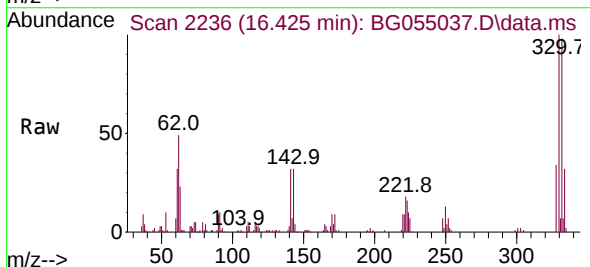
Instrument :
BNA_G
ClientSampleId :
PB147850BL

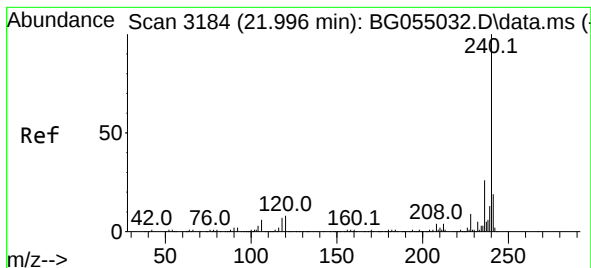
Tgt Ion:188 Resp: 194880
Ion Ratio Lower Upper
188 100
94 7.5 7.0 10.4
80 8.5 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.413 ng
RT: 16.425 min Scan# 2236
Delta R.T. -0.448 min
Lab File: BG055037.D
Acq: 28 Sep 2022 16:09

Tgt Ion:248 Resp: 7165
Ion Ratio Lower Upper
248 100
250 180.6 78.8 118.2#
141 453.6 51.9 77.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.983 min Scan# 31

Delta R.T. -0.013 min

Lab File: BG055037.D

Acq: 28 Sep 2022 16:09

Instrument :

BNA_G

ClientSampleId :

PB147850BL

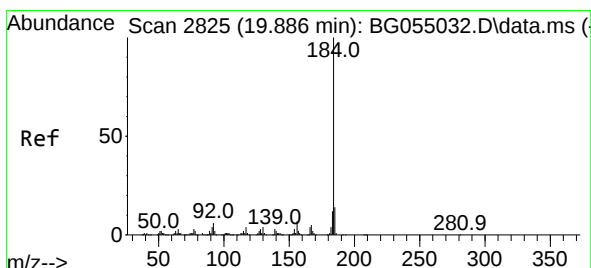
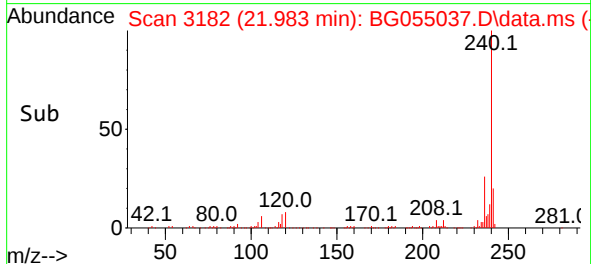
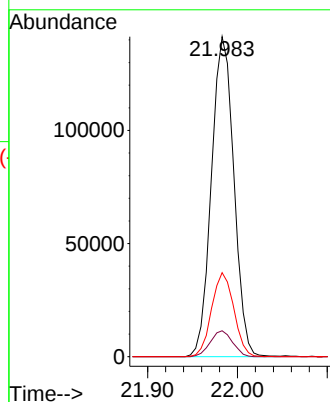
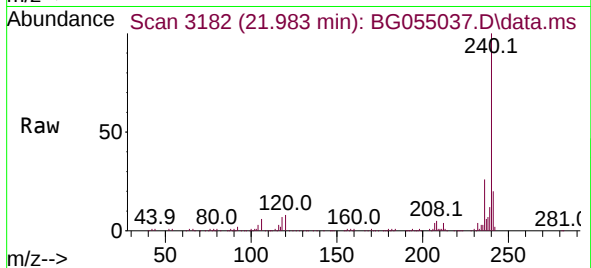
Tgt Ion:240 Resp: 245568

Ion Ratio Lower Upper

240 100

120 8.1 8.2 12.4#

236 26.3 21.2 31.8



#77

Benzidine

Concen: 2.328 ng

RT: 20.261 min Scan# 2889

Delta R.T. 0.375 min

Lab File: BG055037.D

Acq: 28 Sep 2022 16:09

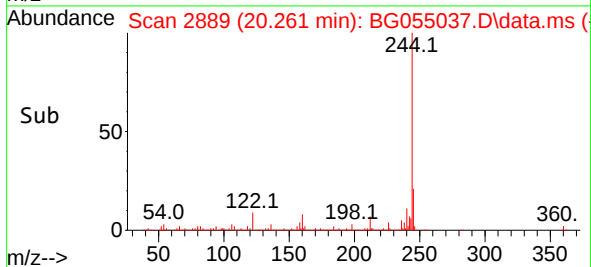
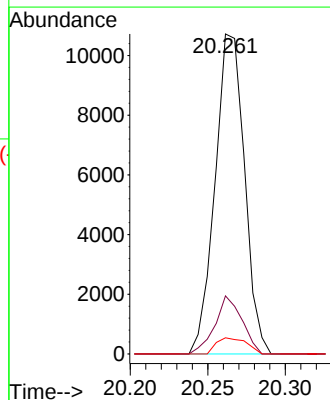
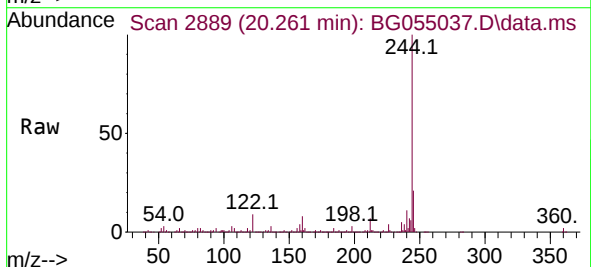
Tgt Ion:184 Resp: 14159

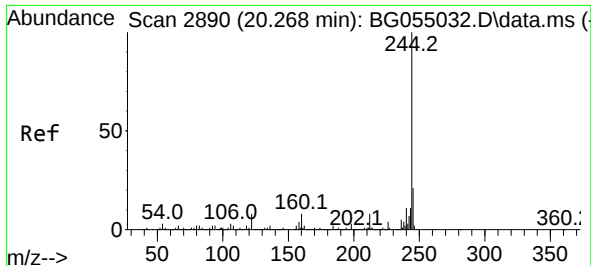
Ion Ratio Lower Upper

184 100

185 18.1 11.4 17.0#

183 5.1 9.8 14.8#

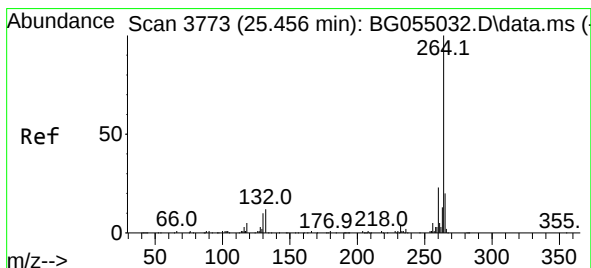
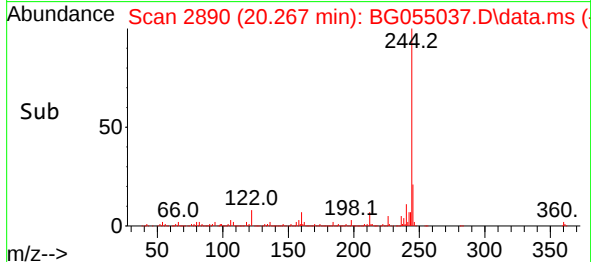
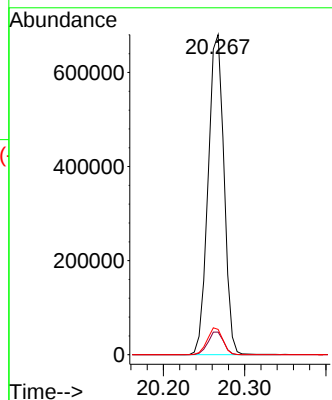
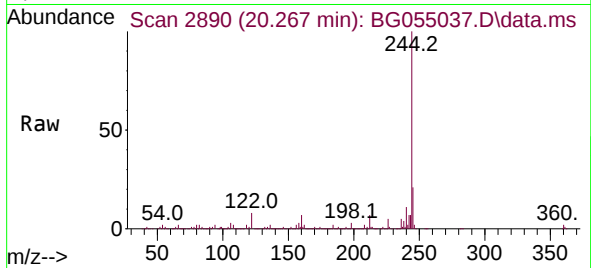




#79
 Terphenyl-d14
 Concen: 78.145 ng
 RT: 20.267 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG055037.D
 Acq: 28 Sep 2022 16:09

Instrument :
 BNA_G
 ClientSampleId :
 PB147850BL

Tgt Ion:244 Resp: 920265
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.2
 122 7.9 9.0 13.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.444 min Scan# 3771
 Delta R.T. -0.013 min
 Lab File: BG055037.D
 Acq: 28 Sep 2022 16:09

Tgt Ion:264 Resp: 254611
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.9 29.9
 265 21.0 16.9 25.3

