

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032222\
 Data File : BG052782.D
 Acq On : 22 Mar 2022 12:35
 Operator : CG/JU
 Sample : PB143434TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB143434TB

Quant Time: Mar 22 16:38:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 15:56:10 2022
 Response via : Initial Calibration

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

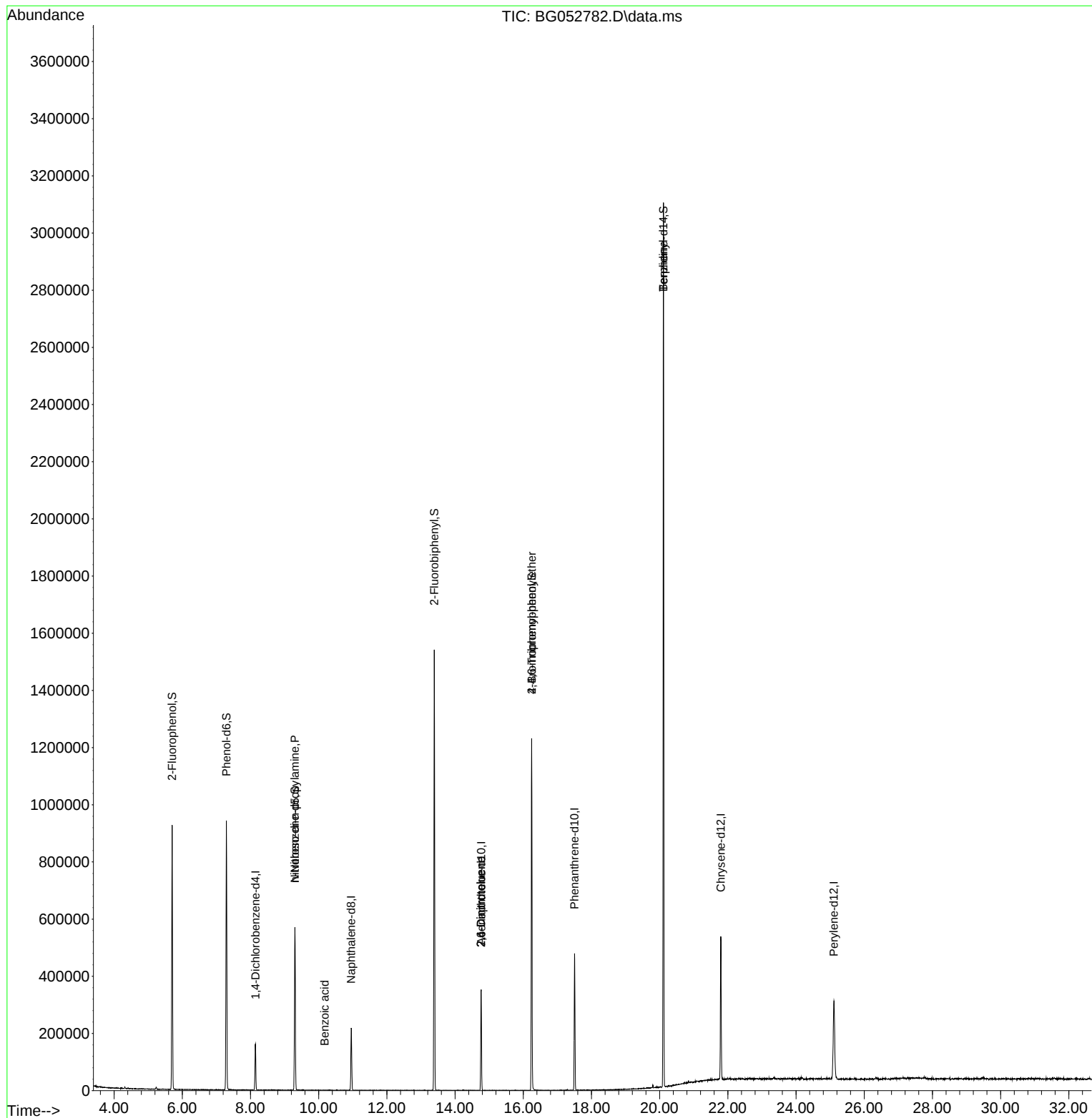
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.146	152	45376	20.000	ng	-0.01
21) Naphthalene-d8	10.954	136	179351	20.000	ng	#-0.02
39) Acenaphthene-d10	14.767	164	128293	20.000	ng	0.00
64) Phenanthrene-d10	17.504	188	307861	20.000	ng	-0.01
76) Chrysene-d12	21.792	240	318550	20.000	ng	-0.02
86) Perylene-d12	25.111	264	313837	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	373987	143.535	ng	0.00
7) Phenol-d6	7.294	99	526388	134.004	ng	0.00
23) Nitrobenzene-d5	9.303	82	360903	100.996	ng	-0.01
42) 2,4,6-Tribromophenol	16.247	330	239906	139.164	ng	-0.01
45) 2-Fluorobiphenyl	13.392	172	809060	93.009	ng	-0.01
79) Terphenyl-d14	20.112	244	1543277	86.180	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	7.294	77	1092	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	9.303	70	49206	17.687	ng	# 80
32) Benzoic acid	10.179	122	68	5.705	ng	# 1
51) 2,6-Dinitrotoluene	14.761	165	16693	10.369	ng	# 27
57) 2,4-Dinitrotoluene	14.761	165	16693	7.473	ng	# 26
67) 4-Bromophenyl-phenylether	16.247	248	16322	4.398	ng	# 1
77) Benzidine	20.112	184	27028	3.290	ng	# 90

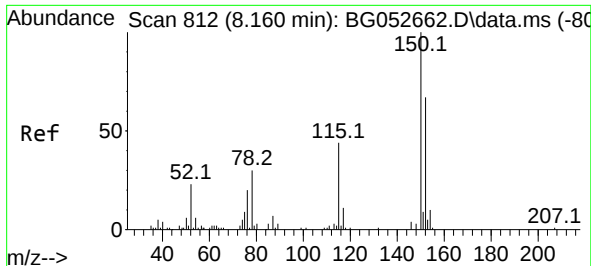
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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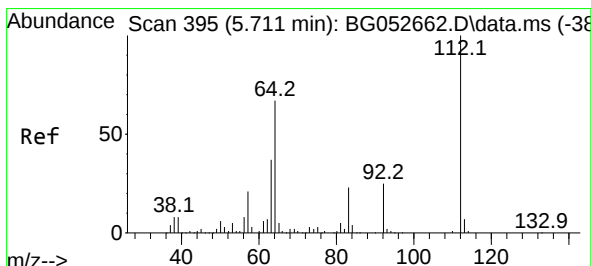
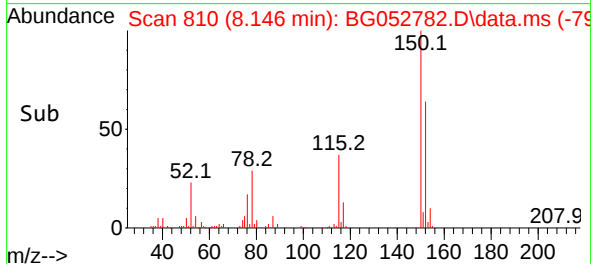
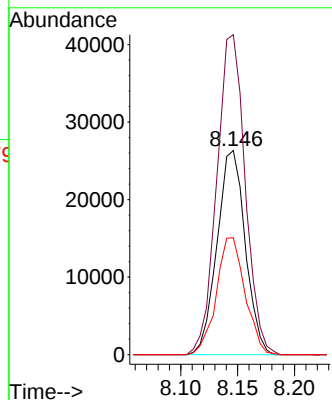
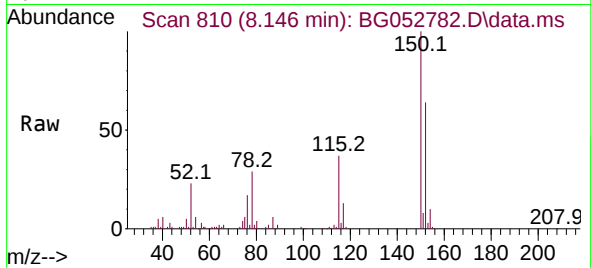




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.146 min Scan# 812
Delta R.T. -0.014 min
Lab File: BG052782.D
Acq: 22 Mar 2022 12:35

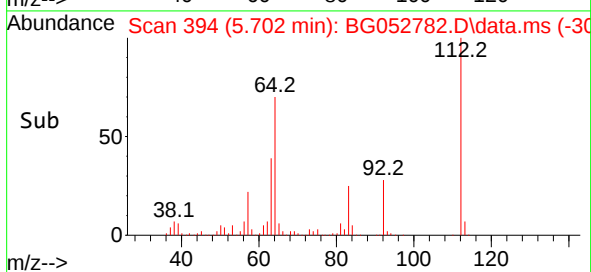
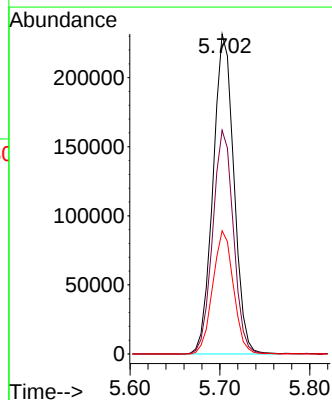
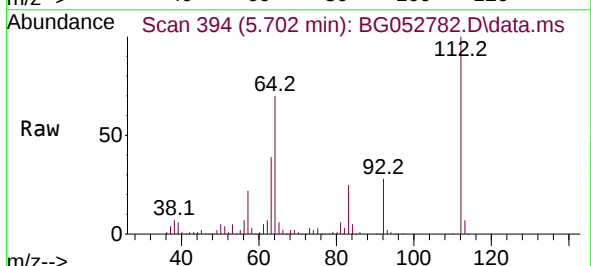
Instrument :
BNA_G
ClientSampleId :
PB143434TB

Tgt Ion:152 Resp: 45376
Ion Ratio Lower Upper
152 100
150 156.8 114.6 172.0
115 57.3 45.9 68.9



#5
2-Fluorophenol
Concen: 143.535 ng
RT: 5.702 min Scan# 394
Delta R.T. -0.008 min
Lab File: BG052782.D
Acq: 22 Mar 2022 12:35

Tgt Ion:112 Resp: 373987
Ion Ratio Lower Upper
112 100
64 69.9 48.0 72.0
63 38.5 26.5 39.7

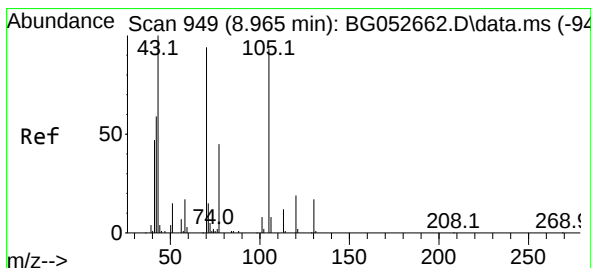
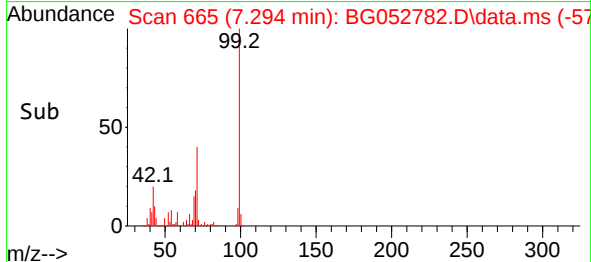
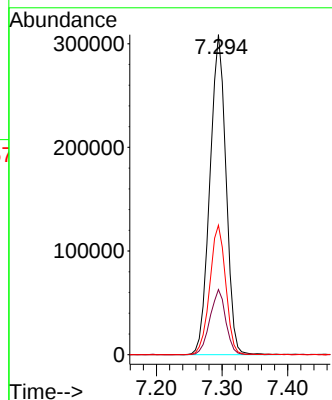
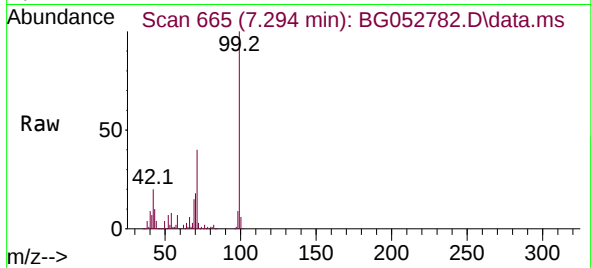




#7
Phenol-d6
Concen: 134.004 ng
RT: 7.294 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG052782.D
Acq: 22 Mar 2022 12:35

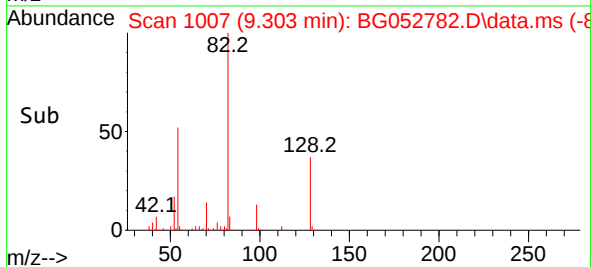
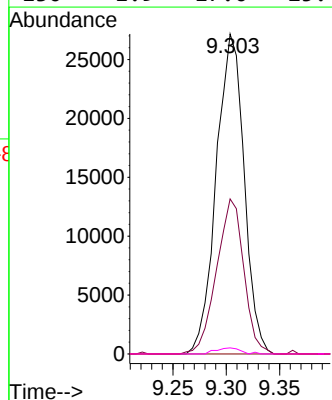
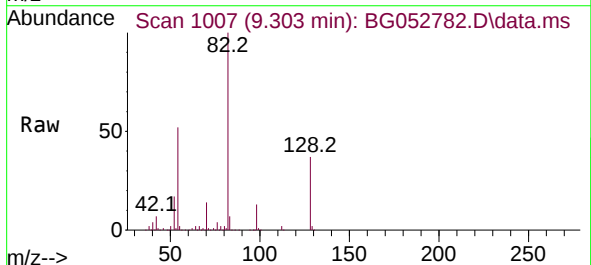
Instrument :
BNA_G
ClientSampleId :
PB143434TB

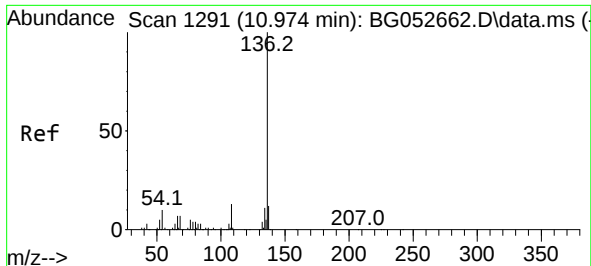
Tgt Ion: 99 Resp: 526388
Ion Ratio Lower Upper
99 100
42 20.3 14.7 22.1
71 40.4 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.687 ng
RT: 9.303 min Scan# 1007
Delta R.T. 0.338 min
Lab File: BG052782.D
Acq: 22 Mar 2022 12:35

Tgt Ion: 70 Resp: 49206
Ion Ratio Lower Upper
70 100
42 48.5 46.0 69.0
101 0.0 6.2 9.4#
130 1.9 17.0 25.4#

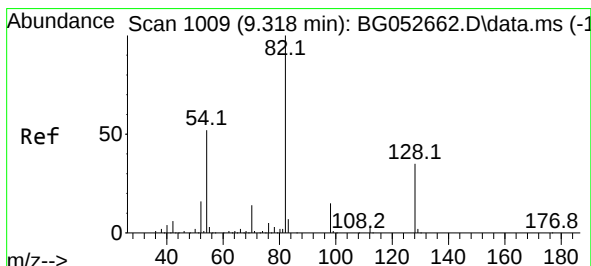
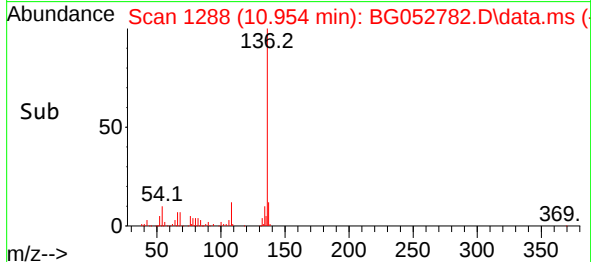
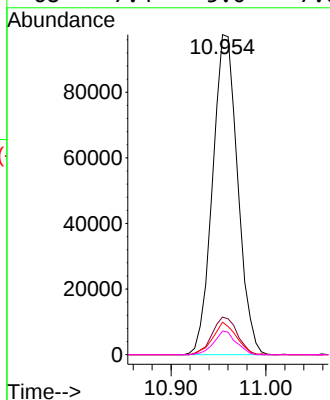
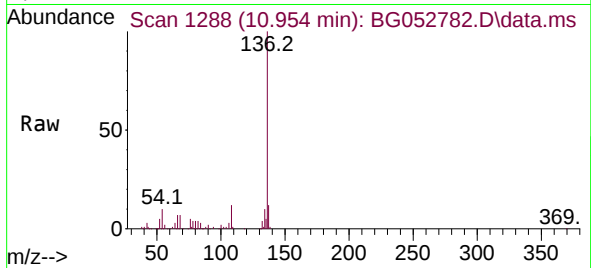




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.954 min Scan# 11
Delta R.T. -0.020 min
Lab File: BG052782.D
Acq: 22 Mar 2022 12:35

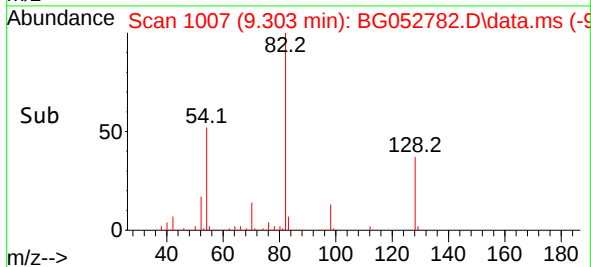
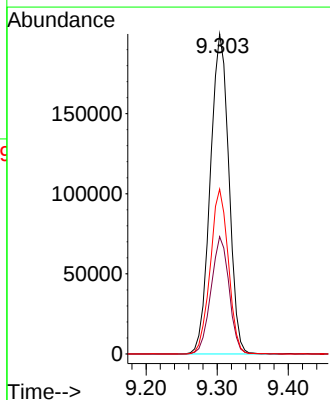
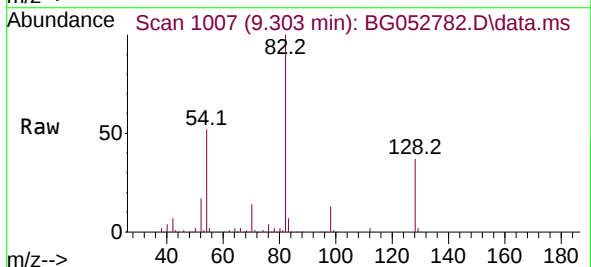
Instrument :
BNA_G
ClientSampleId :
PB143434TB

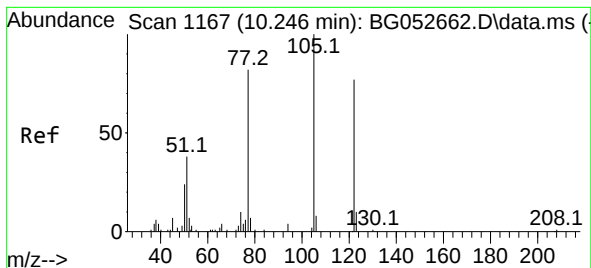
Tgt Ion:	136	Resp:	179351
Ion Ratio	Lower	Upper	
136	100		
137	11.8	9.4	14.2
54	10.2	6.4	9.6#
68	7.4	5.0	7.6



#23
Nitrobenzene-d5
Concen: 100.996 ng
RT: 9.303 min Scan# 1007
Delta R.T. -0.014 min
Lab File: BG052782.D
Acq: 22 Mar 2022 12:35

Tgt Ion:	82	Resp:	360903
Ion Ratio	Lower	Upper	
82	100		
128	36.6	31.3	46.9
54	51.5	37.8	56.8





#32

Benzoic acid

Concen: 5.705 ng

RT: 10.179 min Scan# 1167

Delta R.T. -0.067 min

Lab File: BG052782.D

Acq: 22 Mar 2022 12:35

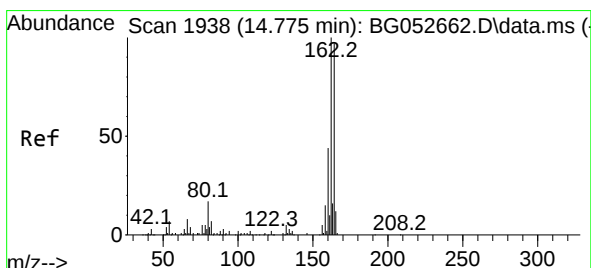
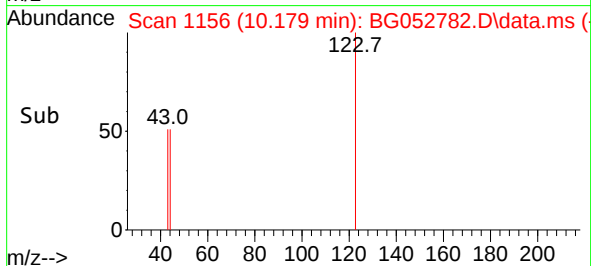
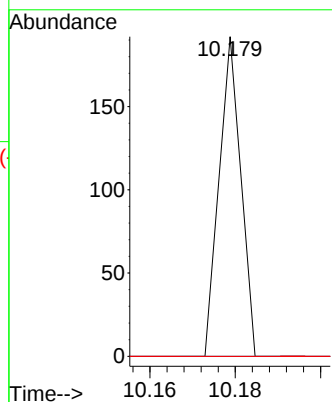
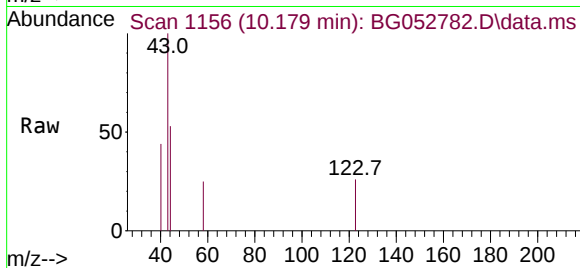
Instrument :

BNA_G

ClientSampleId :

PB143434TB

Tgt Ion:122	Resp:	68
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

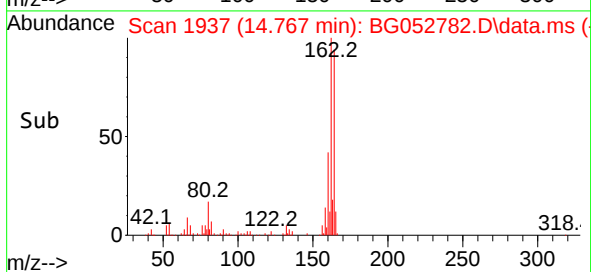
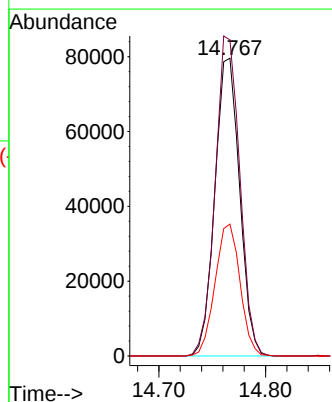
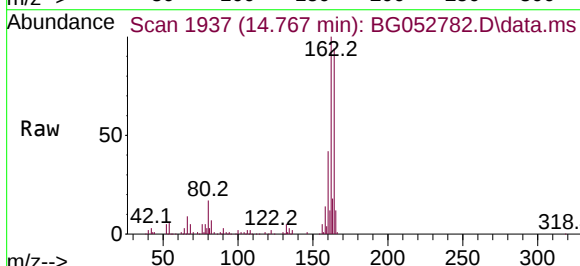
RT: 14.767 min Scan# 1937

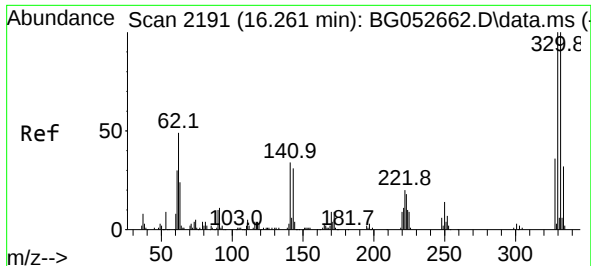
Delta R.T. -0.008 min

Lab File: BG052782.D

Acq: 22 Mar 2022 12:35

Tgt Ion:164	Resp:	128293
Ion Ratio	Lower	Upper
164	100	
162	106.1	80.0 120.0
160	44.3	38.8 58.2





#42

2,4,6-Tribromophenol

Concen: 139.164 ng

RT: 16.247 min Scan# 21

Delta R.T. -0.014 min

Lab File: BG052782.D

Acq: 22 Mar 2022 12:35

Instrument :

BNA_G

ClientSampleId :

PB143434TB

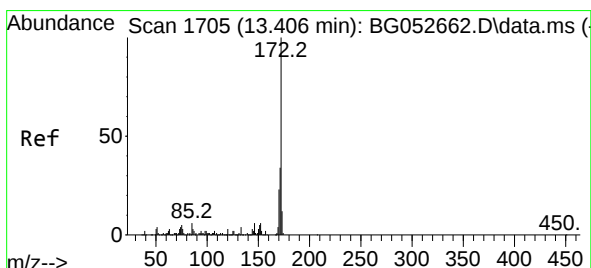
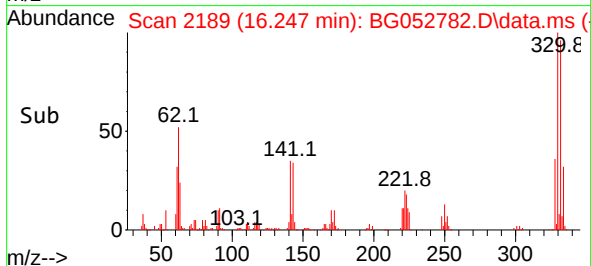
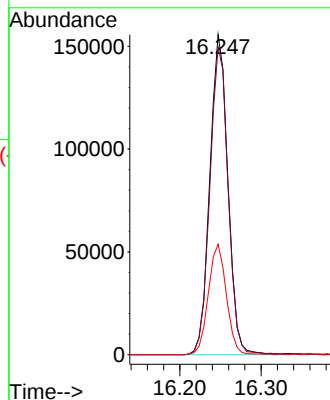
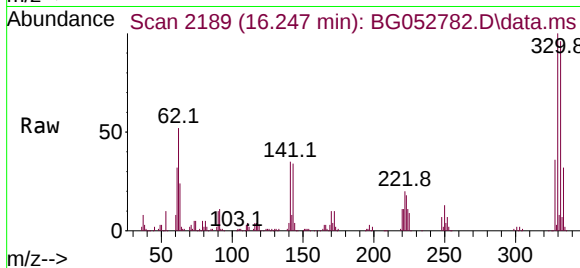
Tgt Ion:330 Resp: 239906

Ion Ratio Lower Upper

330 100

332 97.2 75.8 113.6

141 34.5 24.6 36.8



#45

2-Fluorobiphenyl

Concen: 93.009 ng

RT: 13.392 min Scan# 1703

Delta R.T. -0.014 min

Lab File: BG052782.D

Acq: 22 Mar 2022 12:35

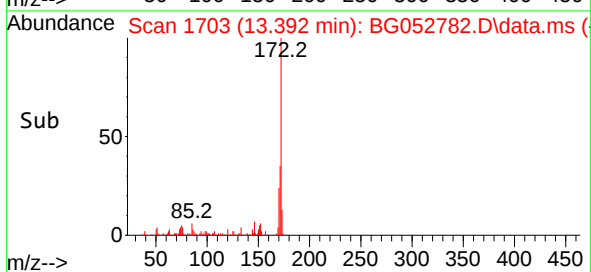
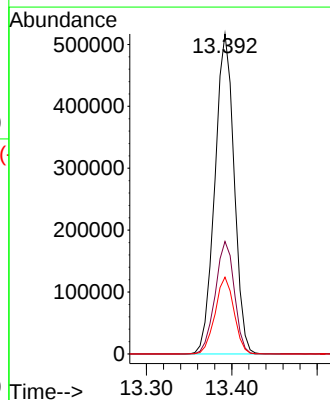
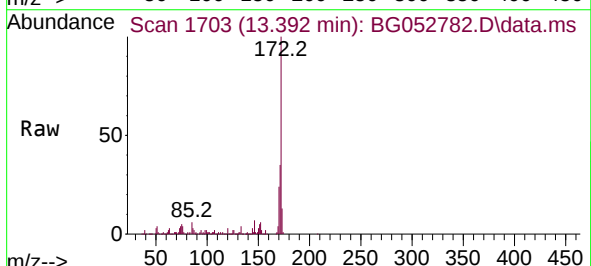
Tgt Ion:172 Resp: 809060

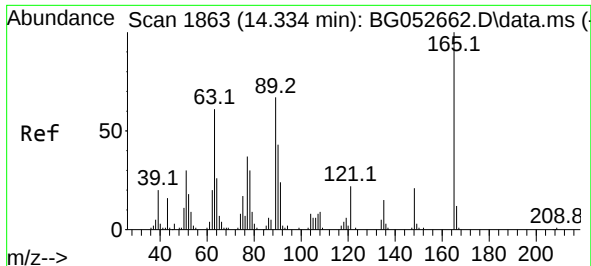
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 24.0 18.0 27.0

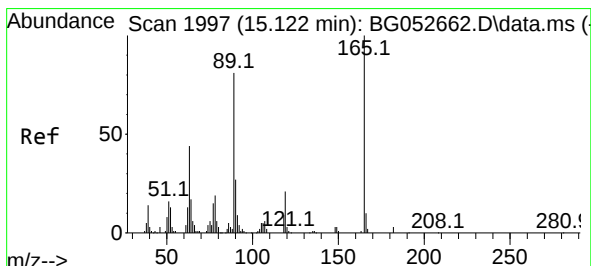
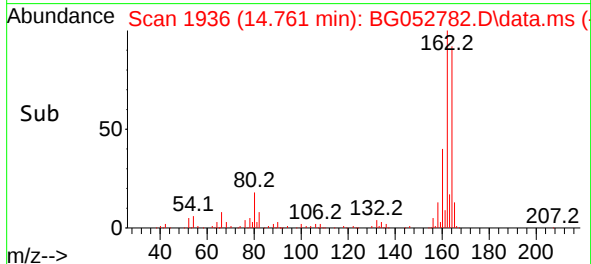
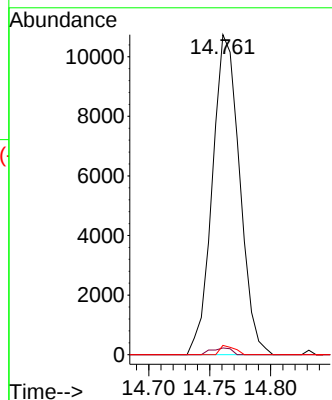
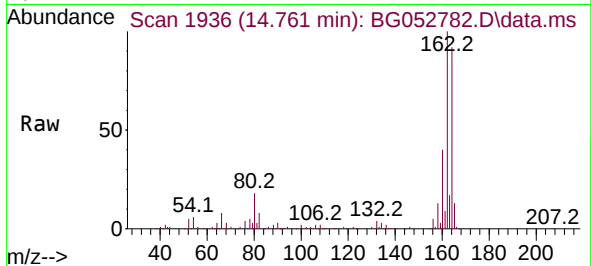




#51
2,6-Dinitrotoluene
Concen: 10.369 ng
RT: 14.761 min Scan# 1936
Delta R.T. 0.426 min
Lab File: BG052782.D
Acq: 22 Mar 2022 12:35

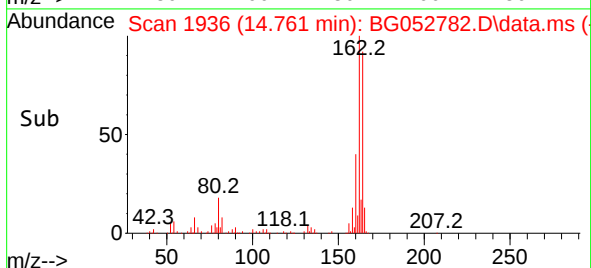
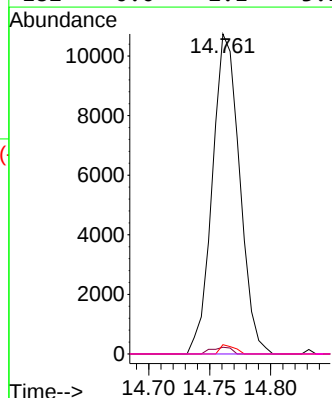
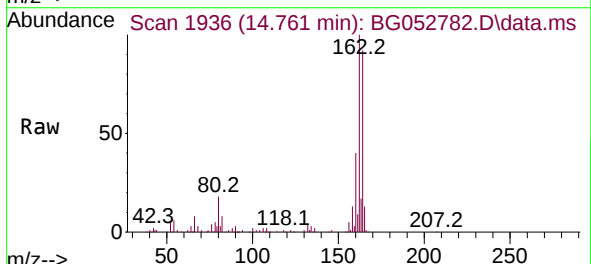
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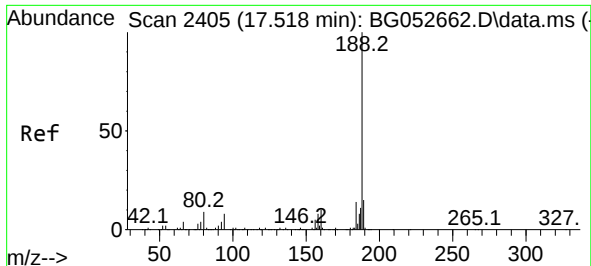
Tgt Ion:165 Resp: 16693
Ion Ratio Lower Upper
165 100
63 2.1 43.7 65.5#
89 2.9 45.0 67.4#



#57
2,4-Dinitrotoluene
Concen: 7.473 ng
RT: 14.761 min Scan# 1936
Delta R.T. -0.361 min
Lab File: BG052782.D
Acq: 22 Mar 2022 12:35

Tgt Ion:165 Resp: 16693
Ion Ratio Lower Upper
165 100
63 2.1 34.8 52.2#
89 2.9 57.4 86.0#
182 0.0 2.1 3.1#

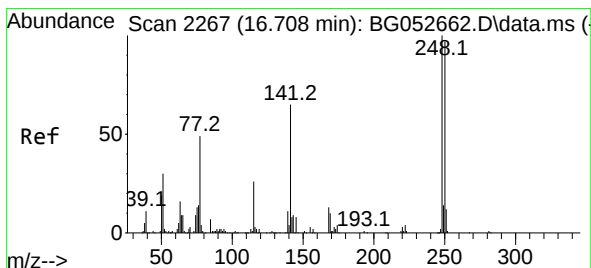
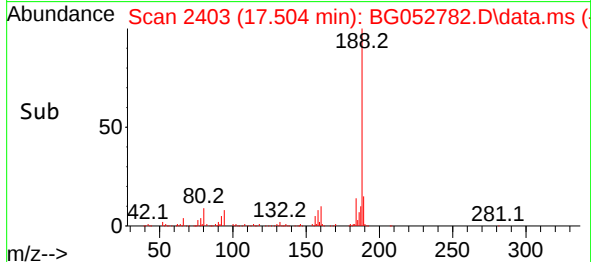
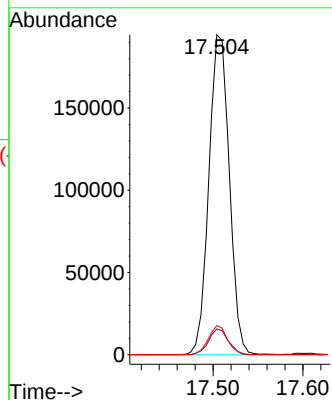
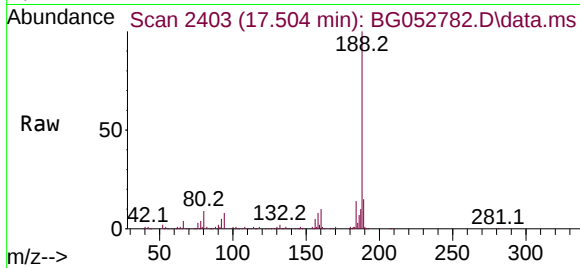




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.504 min Scan# 2405
Delta R.T. -0.014 min
Lab File: BG052782.D
Acq: 22 Mar 2022 12:35

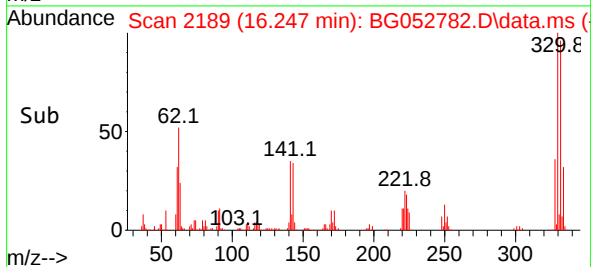
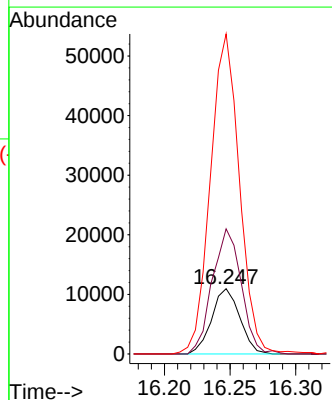
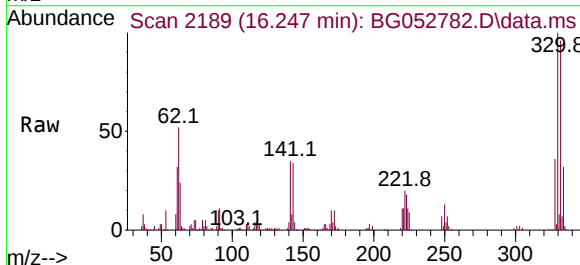
Instrument :
BNA_G
ClientSampleId :
PB143434TB

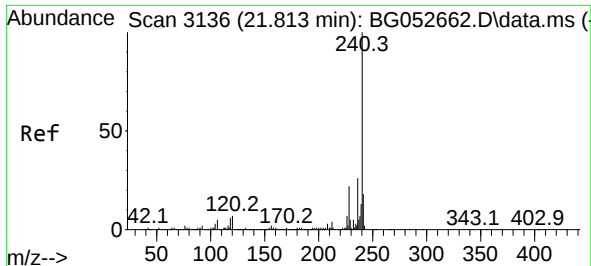
Tgt Ion:188 Resp: 307861
Ion Ratio Lower Upper
188 100
94 8.1 5.7 8.5
80 9.1 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 4.398 ng
RT: 16.247 min Scan# 2189
Delta R.T. -0.461 min
Lab File: BG052782.D
Acq: 22 Mar 2022 12:35

Tgt Ion:248 Resp: 16322
Ion Ratio Lower Upper
248 100
250 191.9 77.9 116.9#
141 490.6 49.2 73.8#

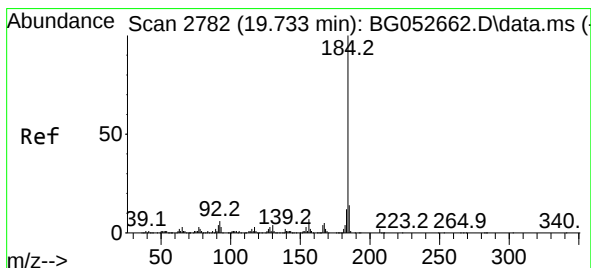
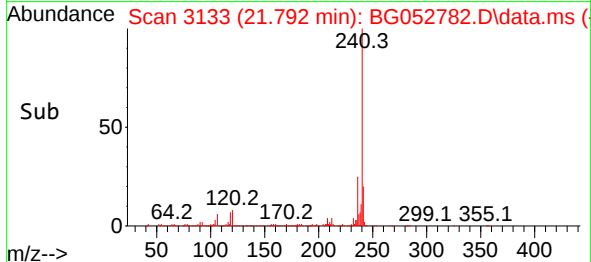
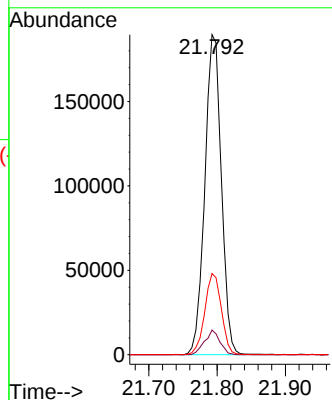
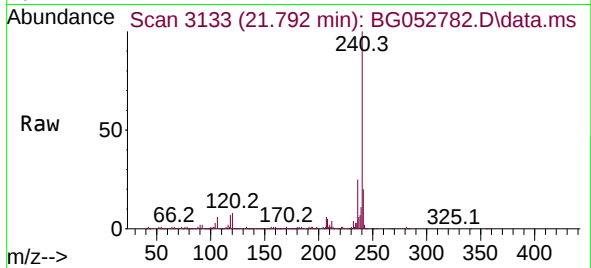




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.792 min Scan# 31
Delta R.T. -0.020 min
Lab File: BG052782.D
Acq: 22 Mar 2022 12:35

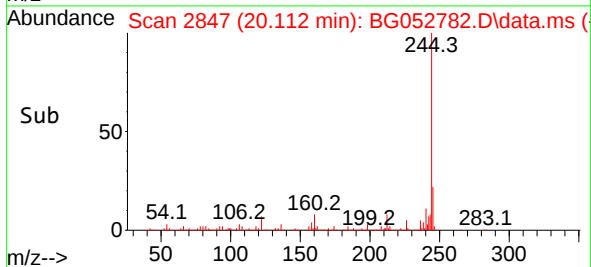
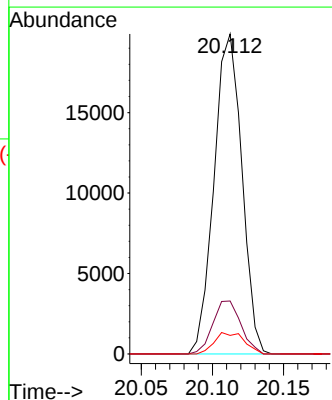
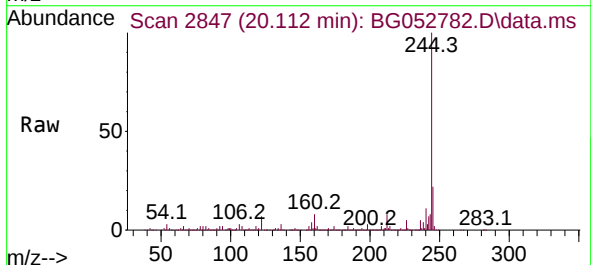
Instrument :
BNA_G
ClientSampleId :
PB143434TB

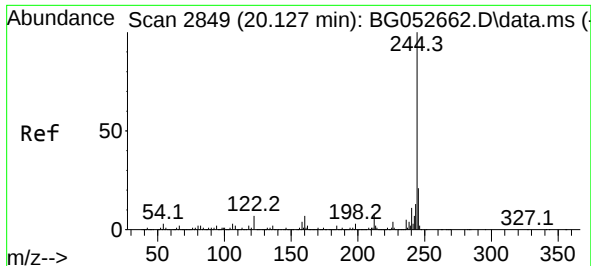
Tgt Ion:240 Resp: 318550
Ion Ratio Lower Upper
240 100
120 7.7 5.4 8.0
236 25.4 19.8 29.6



#77
Benzidine
Concen: 3.290 ng
RT: 20.112 min Scan# 2847
Delta R.T. 0.379 min
Lab File: BG052782.D
Acq: 22 Mar 2022 12:35

Tgt Ion:184 Resp: 27028
Ion Ratio Lower Upper
184 100
185 16.6 11.5 17.3
183 5.8 9.4 14.2#

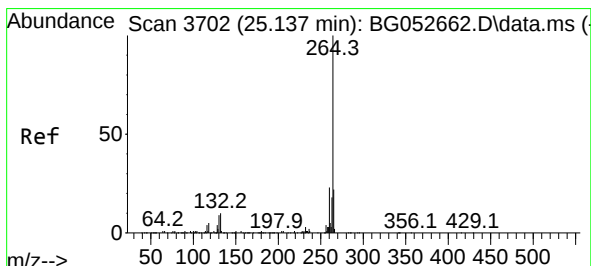
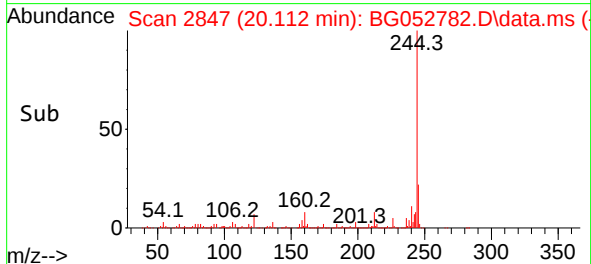
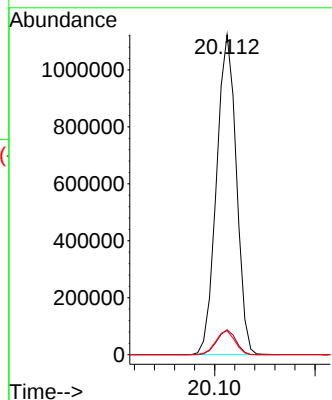
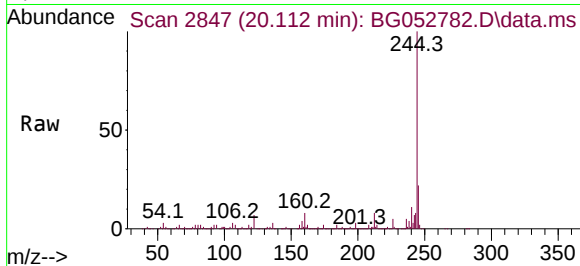




#79
 Terphenyl-d14
 Concen: 86.180 ng
 RT: 20.112 min Scan# 21
 Delta R.T. -0.014 min
 Lab File: BG052782.D
 Acq: 22 Mar 2022 12:35

Instrument :
 BNA_G
 ClientSampleId :
 PB143434TB

Tgt Ion:244 Resp: 1543277
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.4 8.2
 122 7.5 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.111 min Scan# 3698
 Delta R.T. -0.026 min
 Lab File: BG052782.D
 Acq: 22 Mar 2022 12:35

Tgt Ion:264 Resp: 313837
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.2 27.2
 265 20.9 15.1 22.7

