

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101521\
 Data File : BG050597.D
 Acq On : 15 Oct 2021 10:26
 Operator : CG/JU
 Sample : PB139887BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB139887BL

Quant Time: Oct 15 13:19:38 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 10:56:22 2021
 Response via : Initial Calibration

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

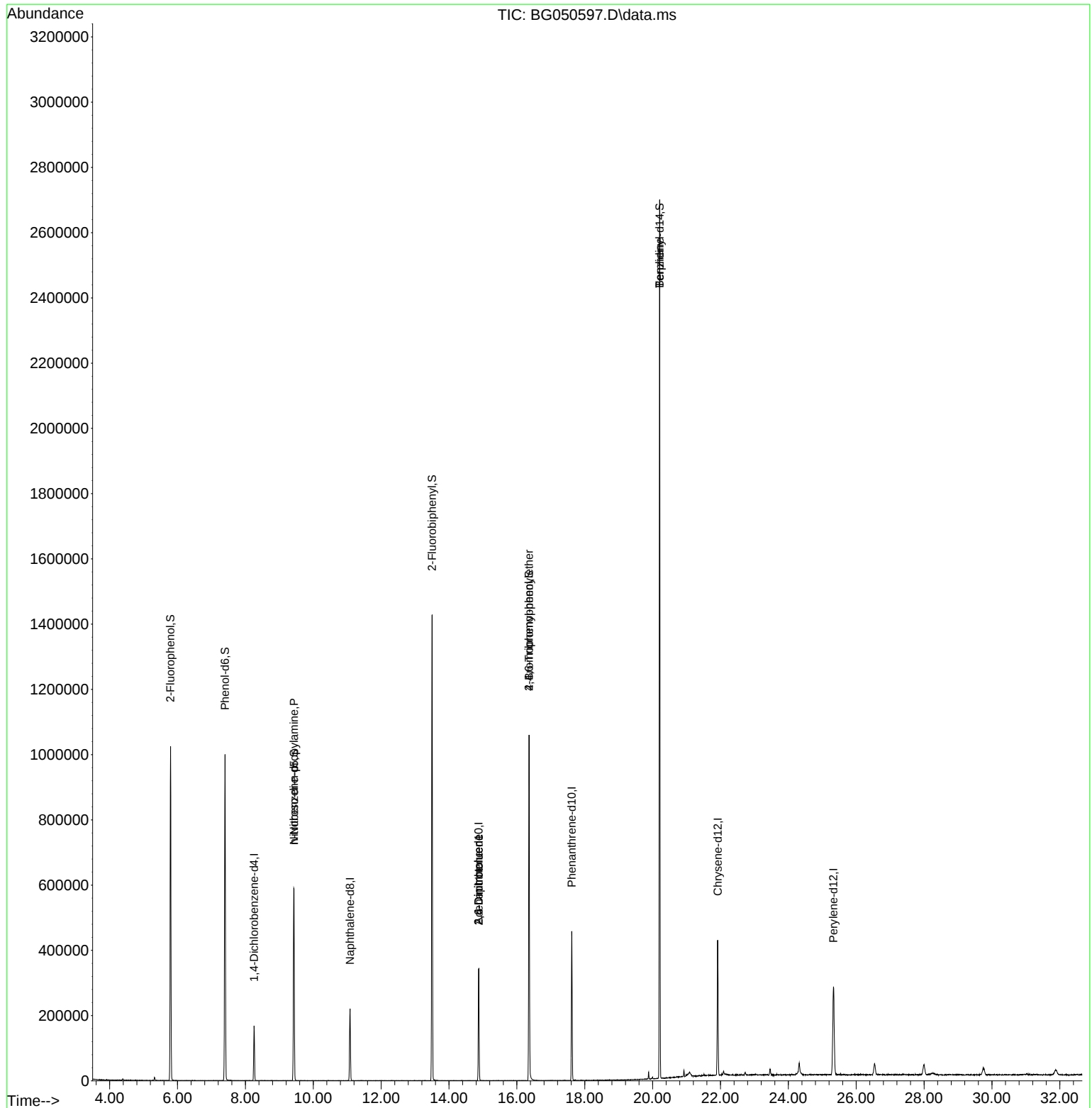
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.256	152	43346	20.000	ng	0.00
21) Naphthalene-d8	11.082	136	183852	20.000	ng	# 0.00
39) Acenaphthene-d10	14.872	164	122942	20.000	ng	0.00
64) Phenanthrene-d10	17.616	188	287002	20.000	ng	# 0.00
76) Chrysene-d12	21.917	240	255796	20.000	ng	# 0.00
86) Perylene-d12	25.330	264	249659	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.795	112	423895	146.253	ng	0.00
7) Phenol-d6	7.399	99	556547	132.628	ng	0.00
23) Nitrobenzene-d5	9.431	82	392414	88.355	ng	0.00
42) 2,4,6-Tribromophenol	16.359	330	161442	137.673	ng	0.00
45) 2-Fluorobiphenyl	13.503	172	726445	88.930	ng	0.00
79) Terphenyl-d14	20.207	244	1196568	91.162	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.404	77	1048	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.431	70	55283	18.075	ng	# 67
51) 2,6-Dinitrotoluene	14.872	165	16378	8.799	ng	# 12
57) 2,4-Dinitrotoluene	14.872	165	16378	6.243	ng	# 18
67) 4-Bromophenyl-phenylether	16.359	248	13219	4.571	ng	# 1
77) Benzidine	20.207	184	22804	2.751	ng	# 91

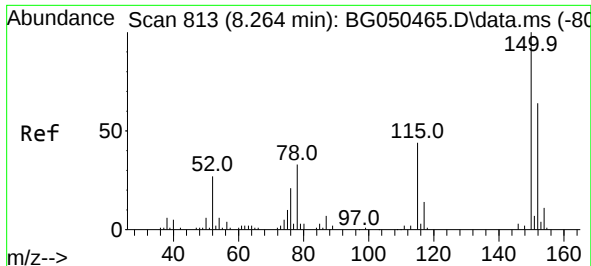
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101521\
Data File : BG050597.D
Acq On : 15 Oct 2021 10:26
Operator : CG/JU
Sample : PB139887BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB139887BL

Quant Time: Oct 15 13:19:38 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 10:56:22 2021
Response via : Initial Calibration

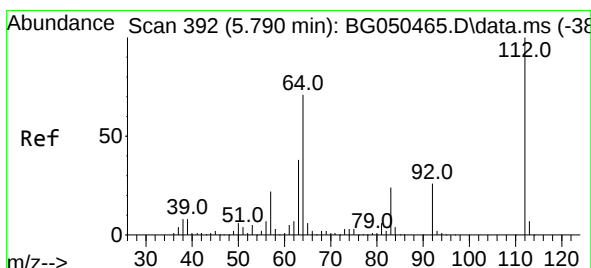
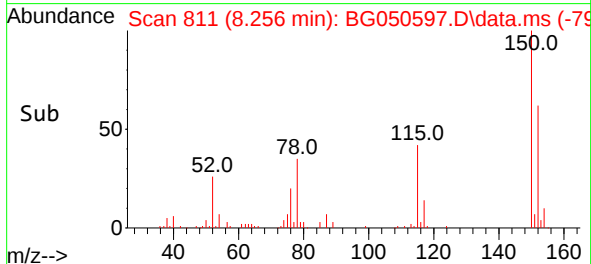
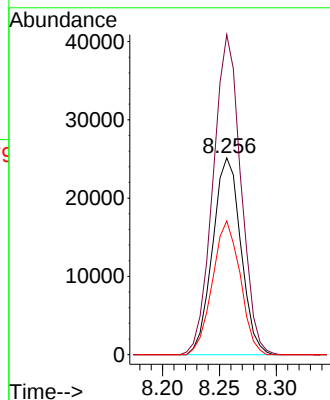
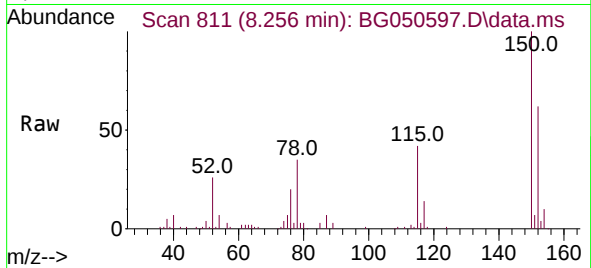




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.256 min Scan# 811
Delta R.T. -0.002 min
Lab File: BG050597.D
Acq: 15 Oct 2021 10:26

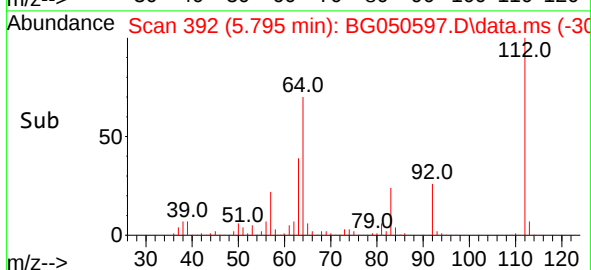
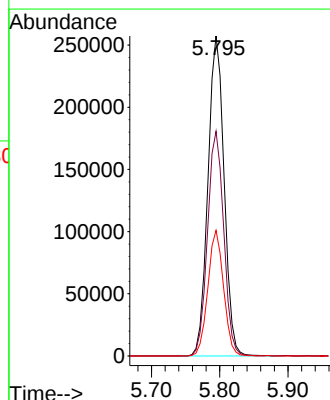
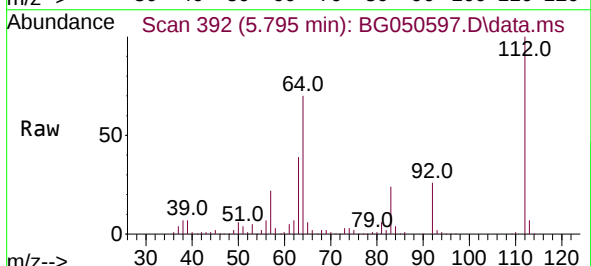
Instrument :
BNA_G
ClientSampleId :
PB139887BL

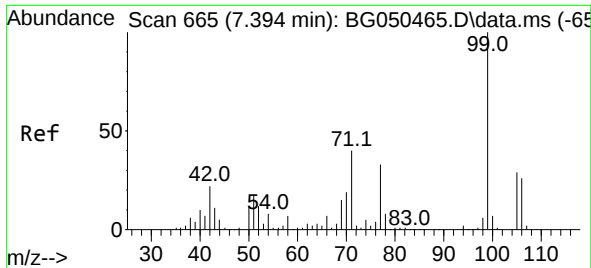
Tgt Ion:152 Resp: 43346
Ion Ratio Lower Upper
152 100
150 162.6 119.4 179.0
115 68.0 60.2 90.4



#5
2-Fluorophenol
Concen: 146.253 ng
RT: 5.795 min Scan# 392
Delta R.T. 0.004 min
Lab File: BG050597.D
Acq: 15 Oct 2021 10:26

Tgt Ion:112 Resp: 423895
Ion Ratio Lower Upper
112 100
64 70.2 46.7 70.1#
63 39.3 35.3 52.9

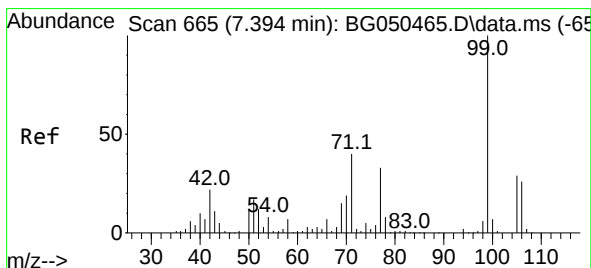
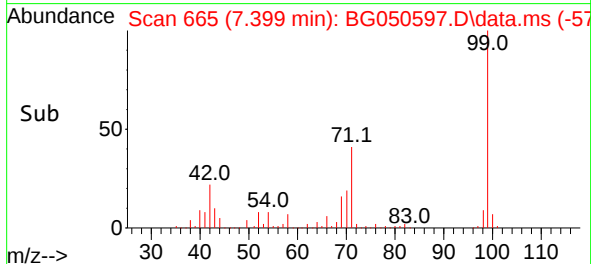
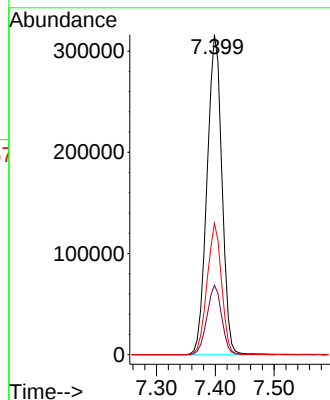
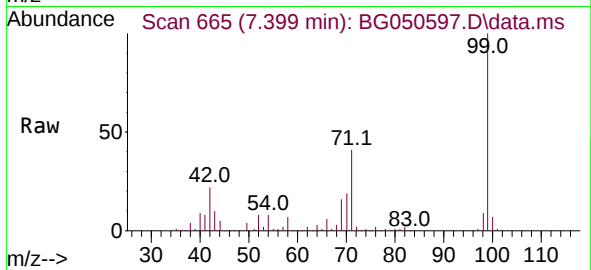




#7
Phenol-d6
Concen: 132.628 ng
RT: 7.399 min Scan# 665
Delta R.T. -0.002 min
Lab File: BG050597.D
Acq: 15 Oct 2021 10:26

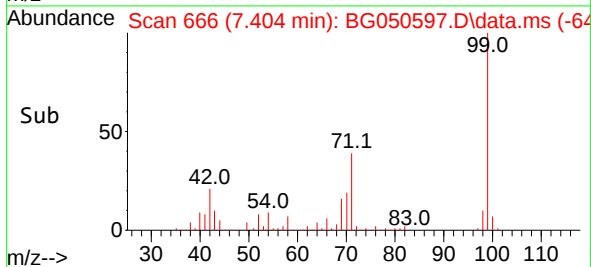
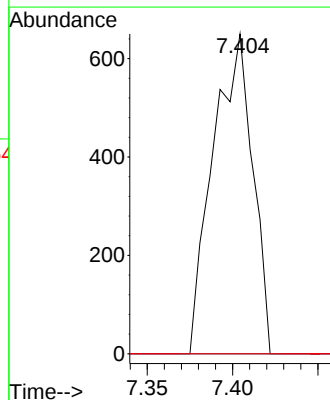
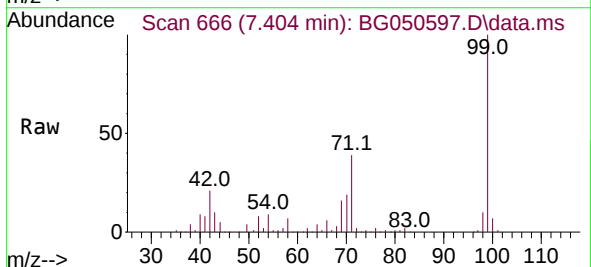
Instrument :
BNA_G
ClientSampled :
PB139887BL

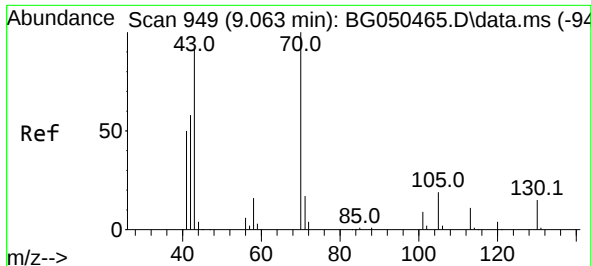
Tgt Ion: 99 Resp: 556547
Ion Ratio Lower Upper
99 100
42 21.6 20.5 30.7
71 41.1 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.404 min Scan# 666
Delta R.T. 0.016 min
Lab File: BG050597.D
Acq: 15 Oct 2021 10:26

Tgt Ion: 77 Resp: 1048
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

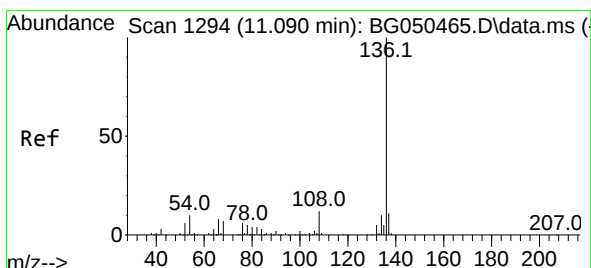
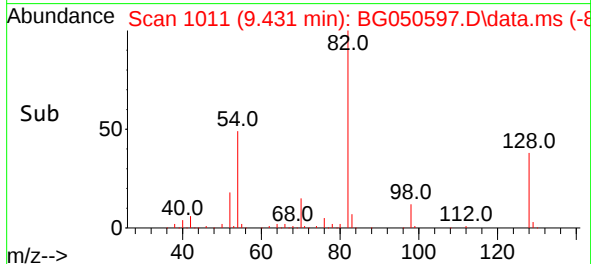
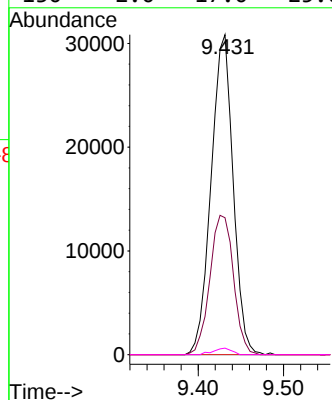
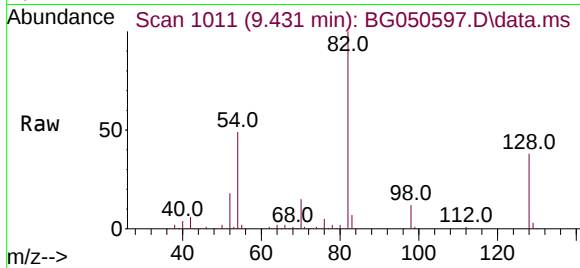




#19
n-Nitroso-di-n-propylamine
Concen: 18.075 ng
RT: 9.431 min Scan# 1011
Delta R.T. 0.374 min
Lab File: BG050597.D
Acq: 15 Oct 2021 10:26

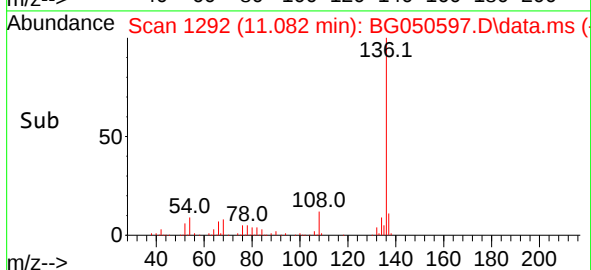
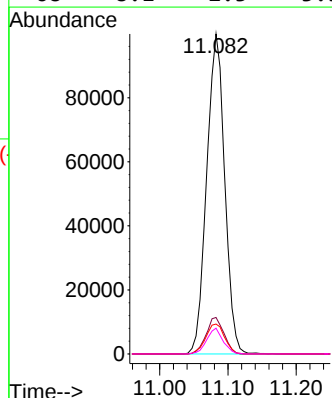
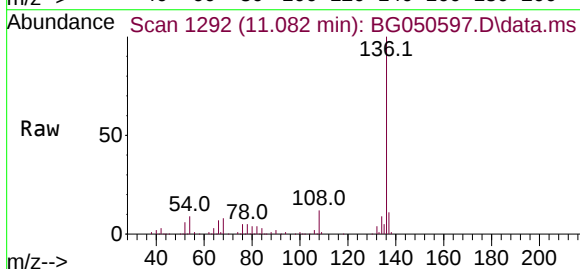
Instrument :
BNA_G
ClientSampleId :
PB139887BL

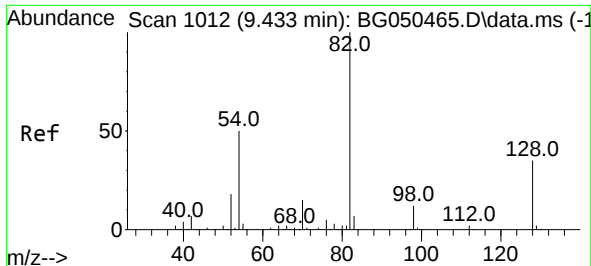
Tgt Ion:	70	Resp:	55283
Ion	Ratio	Lower	Upper
70	100		
42	42.8	54.5	81.7#
101	0.0	9.0	13.6#
130	2.0	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.082 min Scan# 1292
Delta R.T. -0.002 min
Lab File: BG050597.D
Acq: 15 Oct 2021 10:26

Tgt Ion:	136	Resp:	183852
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.2	12.2
54	9.3	5.5	8.3#
68	8.1	2.3	3.5#





#23

Nitrobenzene-d5

Concen: 88.355 ng

RT: 9.431 min Scan# 1011

Delta R.T. 0.004 min

Lab File: BG050597.D

Acq: 15 Oct 2021 10:26

Tgt Ion: 82 Resp: 392414

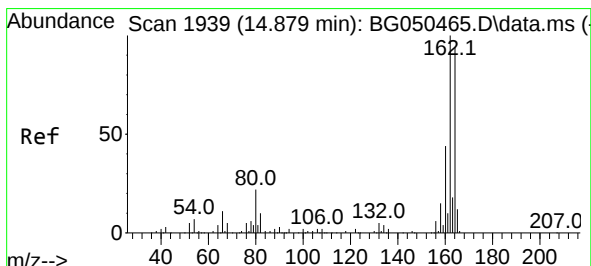
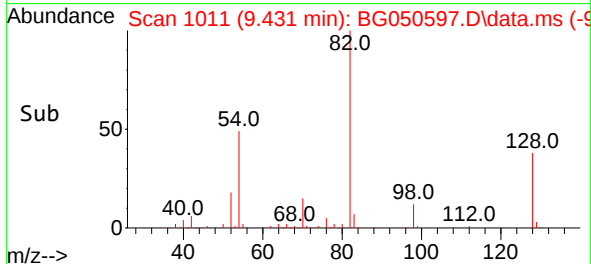
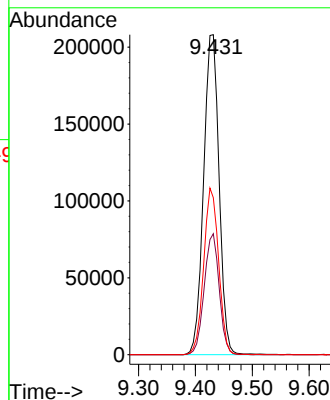
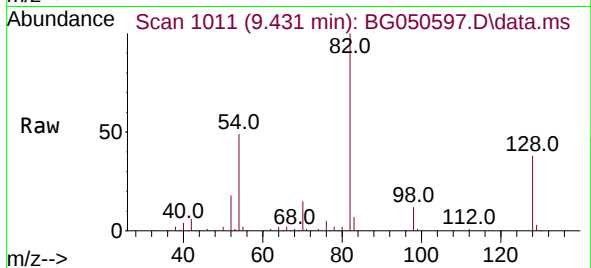
Ion	Ratio	Lower	Upper
82	100		
128	37.8	29.8	44.6
54	49.1	45.8	68.8

Instrument :

BNA_G

ClientSampleId :

PB139887BL



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.872 min Scan# 1937

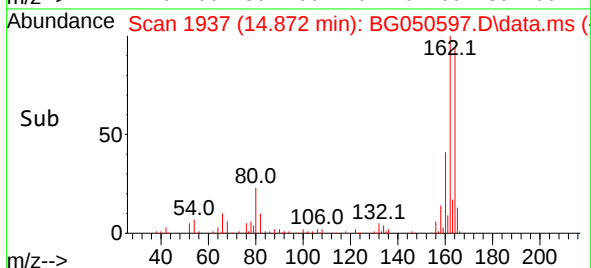
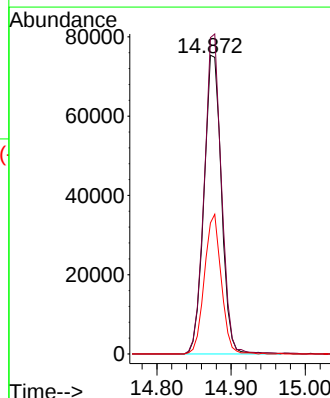
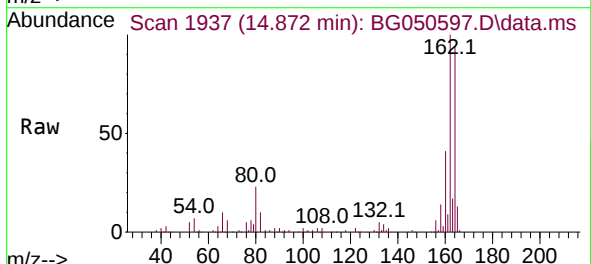
Delta R.T. -0.002 min

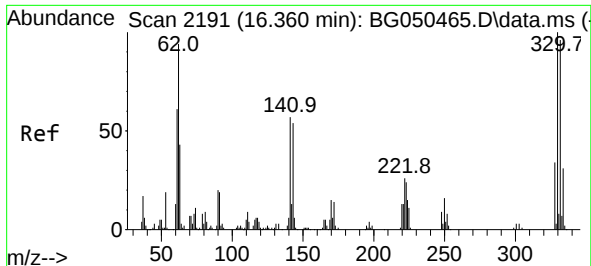
Lab File: BG050597.D

Acq: 15 Oct 2021 10:26

Tgt Ion:164 Resp: 122942

Ion	Ratio	Lower	Upper
164	100		
162	105.9	81.4	122.0
160	43.9	34.9	52.3

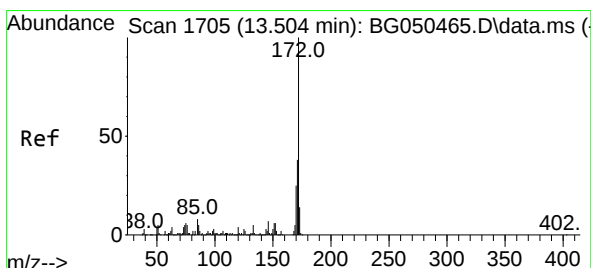
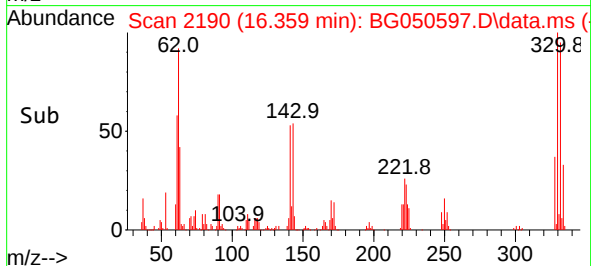
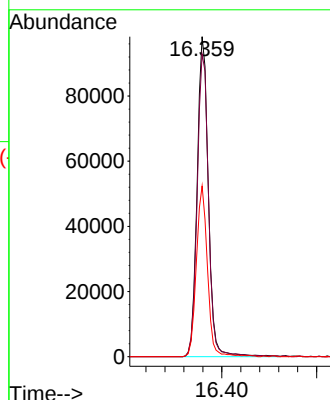
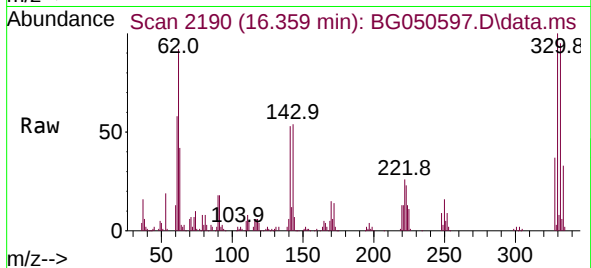




#42
2,4,6-Tribromophenol
Concen: 137.673 ng
RT: 16.359 min Scan# 2190
Delta R.T. -0.002 min
Lab File: BG050597.D
Acq: 15 Oct 2021 10:26

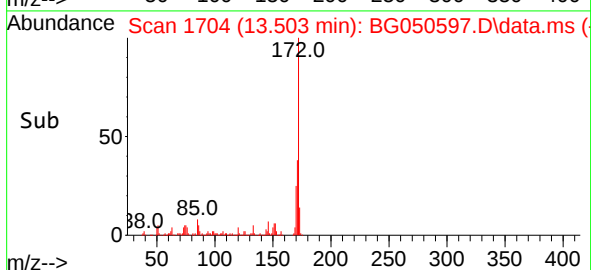
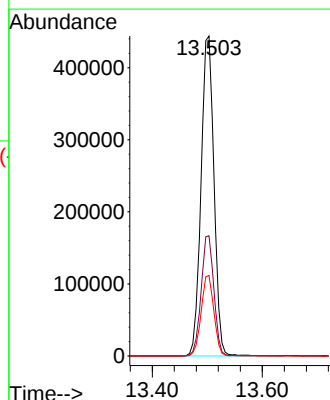
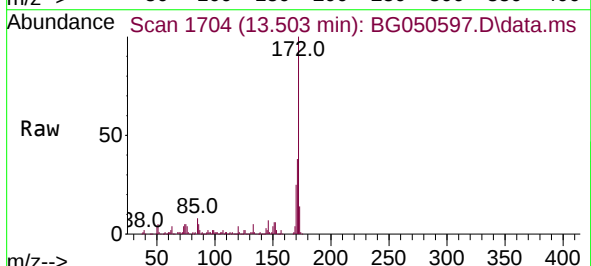
Instrument :
BNA_G
ClientSampleId :
PB139887BL

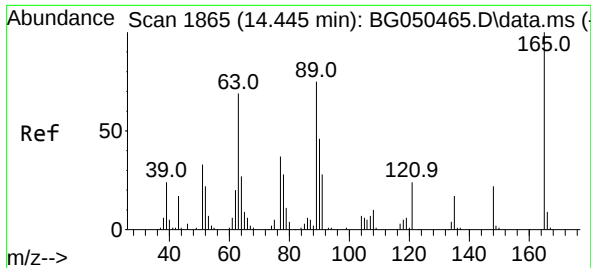
Tgt Ion:330 Resp: 161442
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 52.8 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 88.930 ng
RT: 13.503 min Scan# 1704
Delta R.T. -0.002 min
Lab File: BG050597.D
Acq: 15 Oct 2021 10:26

Tgt Ion:172 Resp: 726445
Ion Ratio Lower Upper
172 100
171 37.6 28.6 43.0
170 25.2 18.6 27.8

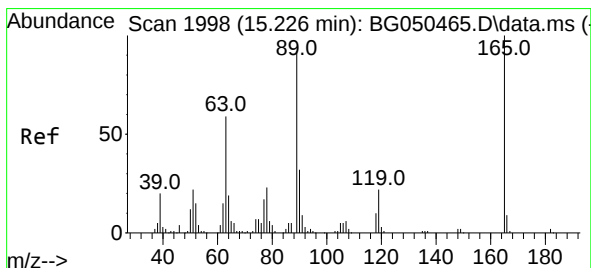
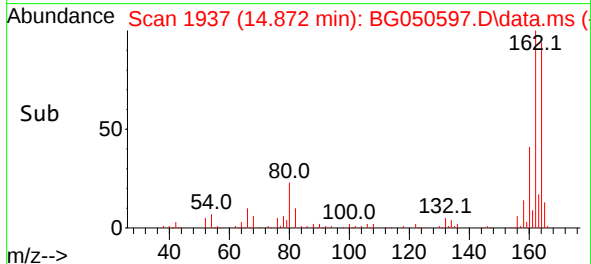
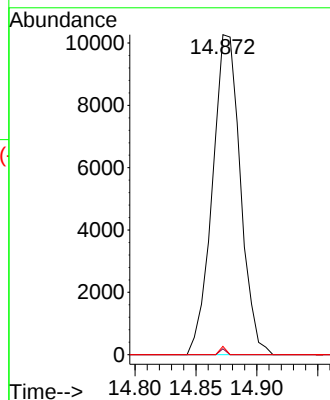
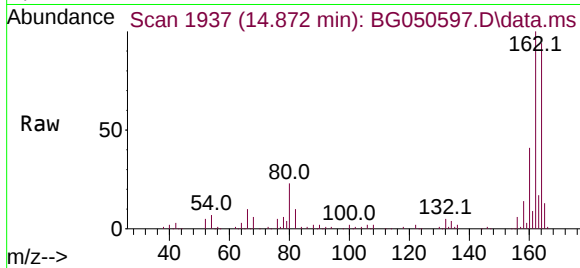




#51
2,6-Dinitrotoluene
Concen: 8.799 ng
RT: 14.872 min Scan# 1937
Delta R.T. 0.427 min
Lab File: BG050597.D
Acq: 15 Oct 2021 10:26

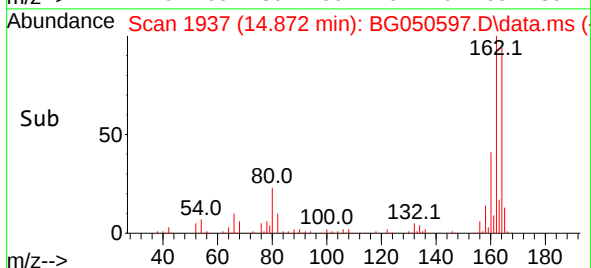
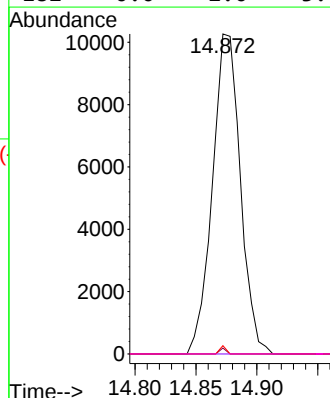
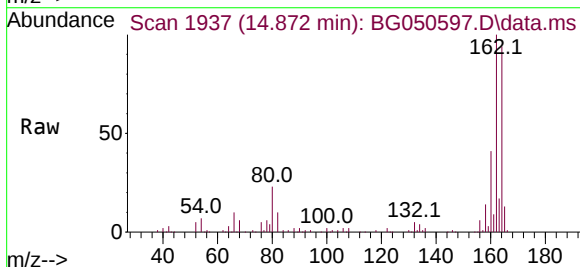
Instrument :
BNA_G
ClientSampleId :
PB139887BL

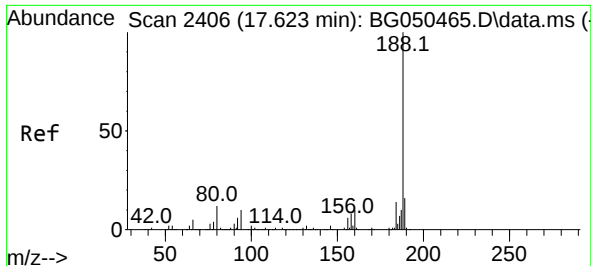
Tgt Ion:165 Resp: 16378
Ion Ratio Lower Upper
165 100
63 1.9 63.3 94.9#
89 2.6 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.243 ng
RT: 14.872 min Scan# 1937
Delta R.T. -0.355 min
Lab File: BG050597.D
Acq: 15 Oct 2021 10:26

Tgt Ion:165 Resp: 16378
Ion Ratio Lower Upper
165 100
63 1.9 48.0 72.0#
89 2.6 65.4 98.0#
182 0.0 2.0 3.0#

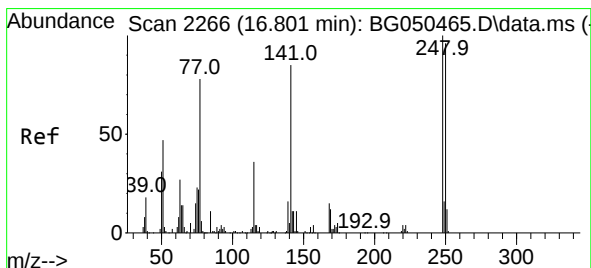
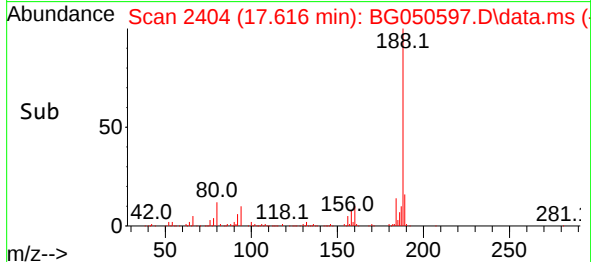
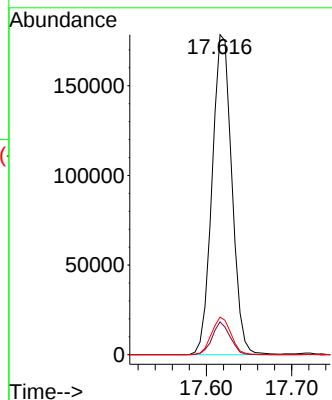
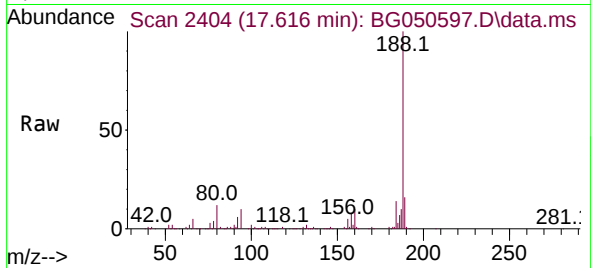




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.616 min Scan# 2404
Delta R.T. -0.002 min
Lab File: BG050597.D
Acq: 15 Oct 2021 10:26

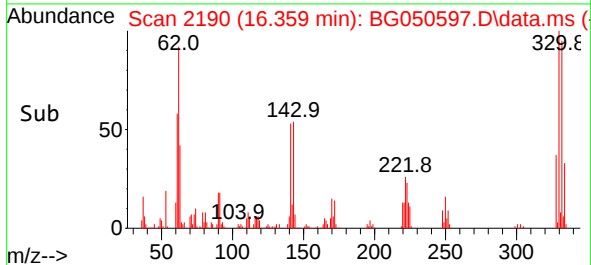
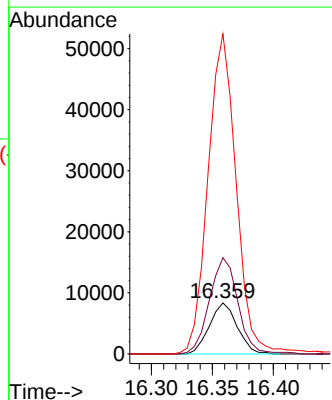
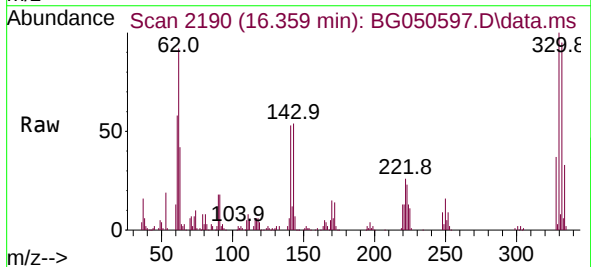
Instrument :
BNA_G
ClientSampled :
PB139887BL

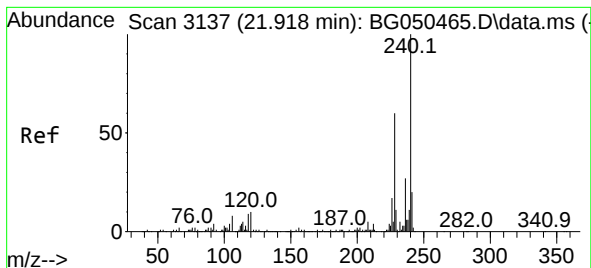
Tgt Ion:188 Resp: 287002
Ion Ratio Lower Upper
188 100
94 10.3 5.4 8.0#
80 11.7 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 4.571 ng
RT: 16.359 min Scan# 2190
Delta R.T. -0.443 min
Lab File: BG050597.D
Acq: 15 Oct 2021 10:26

Tgt Ion:248 Resp: 13219
Ion Ratio Lower Upper
248 100
250 188.7 76.1 114.1#
141 626.7 65.4 98.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.917 min Scan# 3136

Delta R.T. -0.008 min

Lab File: BG050597.D

Acq: 15 Oct 2021 10:26

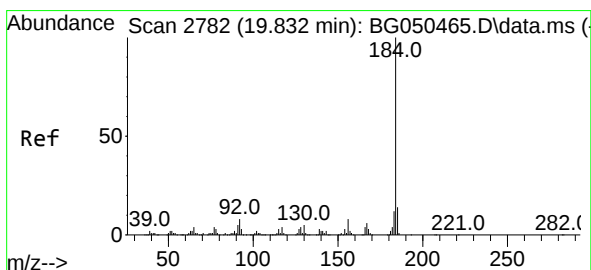
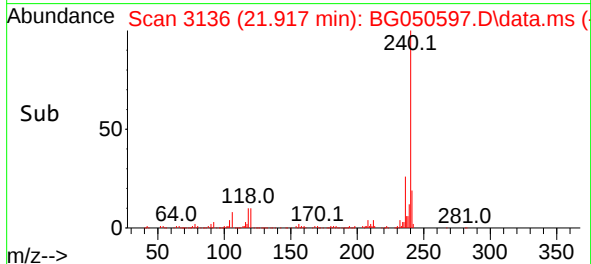
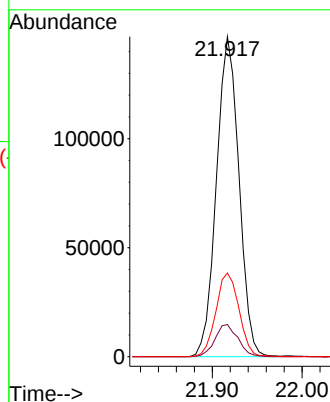
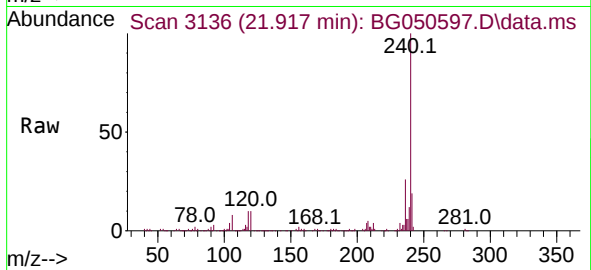
Instrument :

BNA_G

ClientSampleId :

PB139887BL

Tgt Ion:240 Resp: 255796
 Ion Ratio Lower Upper
 240 100
 120 10.0 4.2 6.2#
 236 26.2 21.8 32.6



#77

Benzidine

Concen: 2.751 ng

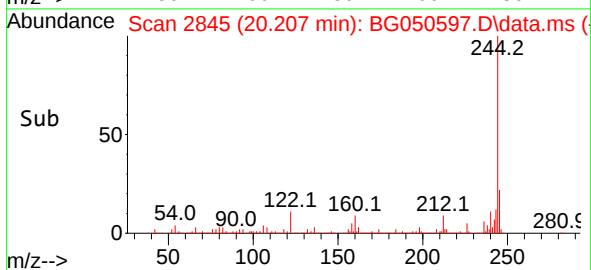
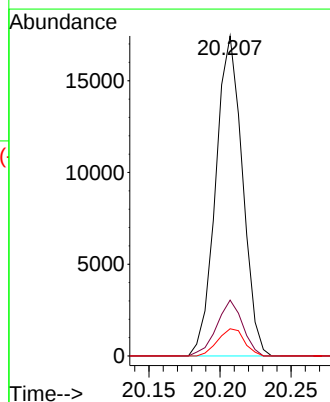
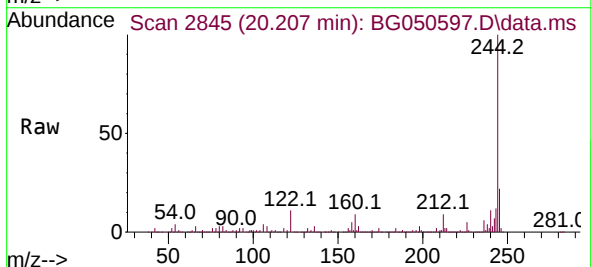
RT: 20.207 min Scan# 2845

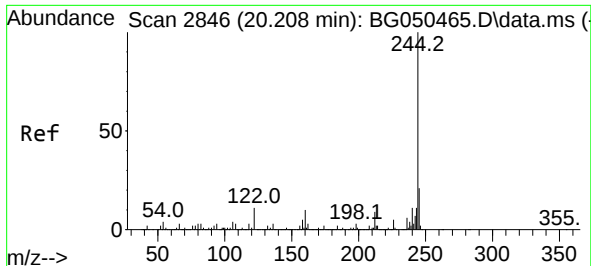
Delta R.T. 0.374 min

Lab File: BG050597.D

Acq: 15 Oct 2021 10:26

Tgt Ion:184 Resp: 22804
 Ion Ratio Lower Upper
 184 100
 185 17.5 10.7 16.1#
 183 8.5 9.4 14.0#

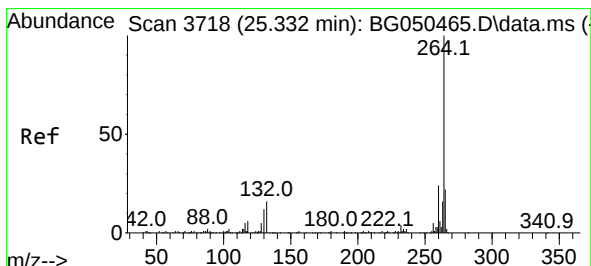
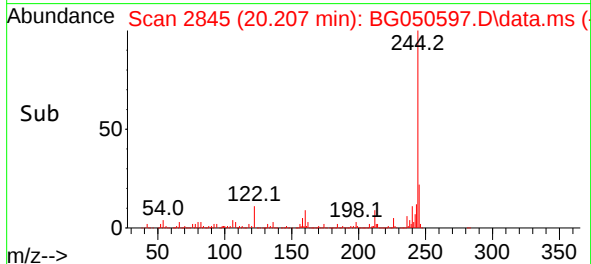
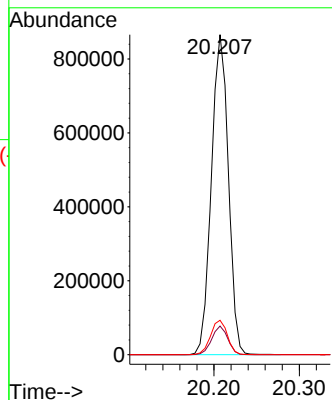
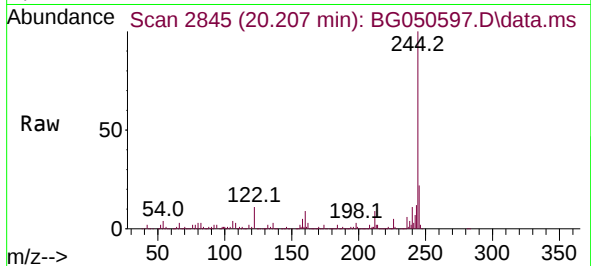




#79
 Terphenyl-d14
 Concen: 91.162 ng
 RT: 20.207 min Scan# 2845
 Delta R.T. -0.002 min
 Lab File: BG050597.D
 Acq: 15 Oct 2021 10:26

Instrument :
 BNA_G
 ClientSampleId :
 PB139887BL

Tgt Ion:244 Resp: 1196568
 Ion Ratio Lower Upper
 244 100
 212 8.9 6.9 10.3
 122 10.8 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.330 min Scan# 3717
 Delta R.T. -0.002 min
 Lab File: BG050597.D
 Acq: 15 Oct 2021 10:26

Tgt Ion:264 Resp: 249659
 Ion Ratio Lower Upper
 264 100
 260 25.9 19.4 29.2
 265 21.1 16.9 25.3

