

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101121\
 Data File : BG050539.D
 Acq On : 11 Oct 2021 17:24
 Operator : CG/JU
 Sample : PB139761BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB139761BL

Quant Time: Oct 11 18:02:49 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 06 15:51:01 2021
 Response via : Initial Calibration

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

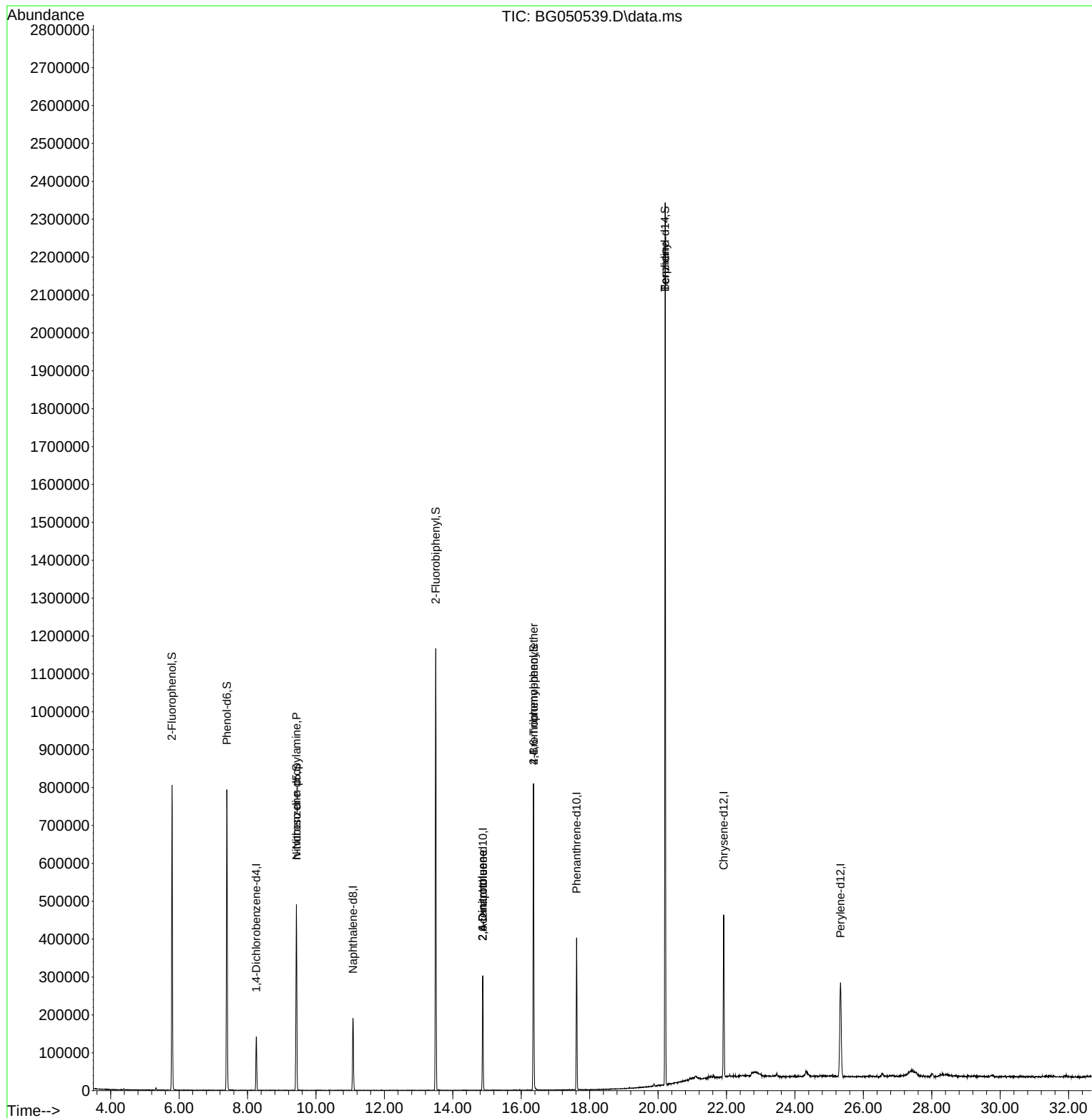
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.255	152	38042	20.000	ng	0.00
21) Naphthalene-d8	11.081	136	157861	20.000	ng	# 0.00
39) Acenaphthene-d10	14.876	164	103945	20.000	ng	0.00
64) Phenanthrene-d10	17.620	188	242456	20.000	ng	# 0.00
76) Chrysene-d12	21.915	240	259911	20.000	ng	# 0.00
86) Perylene-d12	25.329	264	258658	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.793	112	325100	127.806	ng	0.00
7) Phenol-d6	7.397	99	436679	118.571	ng	0.00
23) Nitrobenzene-d5	9.430	82	311504	81.685	ng	0.00
42) 2,4,6-Tribromophenol	16.363	330	118955	119.981	ng	0.00
45) 2-Fluorobiphenyl	13.502	172	559548	81.018	ng	0.00
79) Terphenyl-d14	20.206	244	1039972	77.978	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.403	77	951	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.430	70	44292	16.500	ng	# 68
51) 2,6-Dinitrotoluene	14.871	165	13898	8.831	ng	# 12
57) 2,4-Dinitrotoluene	14.871	165	13898	6.266	ng	# 18
67) 4-Bromophenyl-phenylether	16.363	248	9875	4.042	ng	# 1
77) Benzidine	20.206	184	21016	2.495	ng	# 93

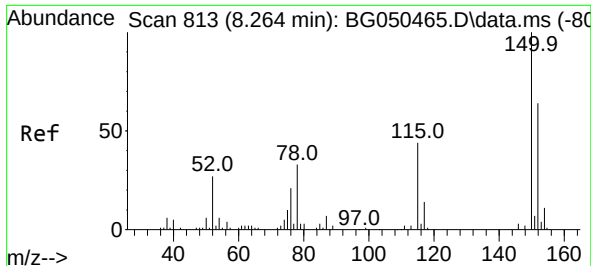
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 06 15:51:01 2021
Response via : Initial Calibration

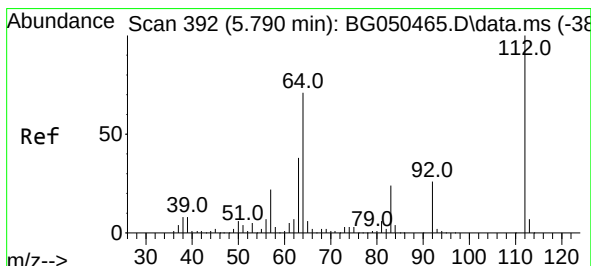
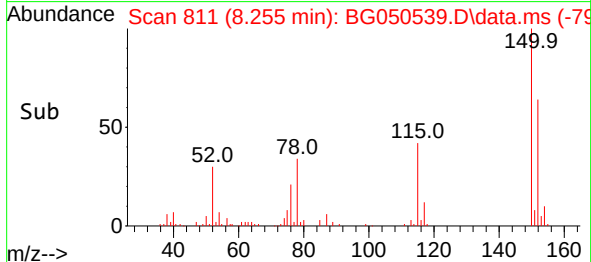
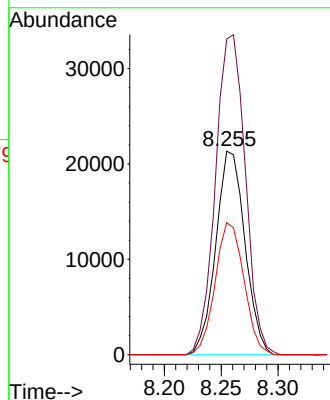
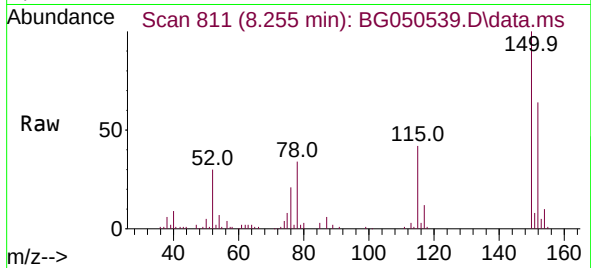




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.255 min Scan# 811
Delta R.T. -0.009 min
Lab File: BG050539.D
Acq: 11 Oct 2021 17:24

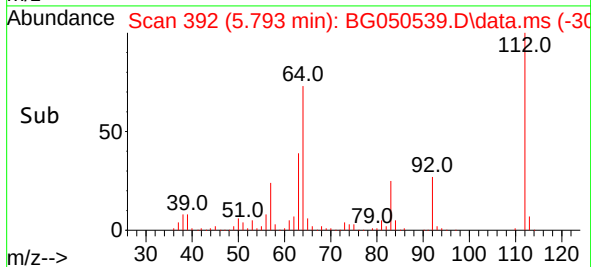
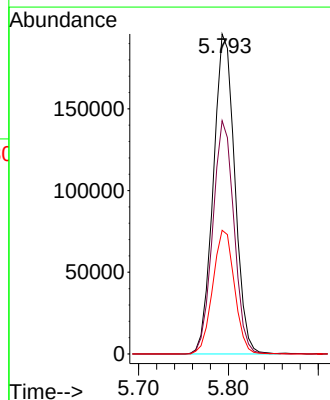
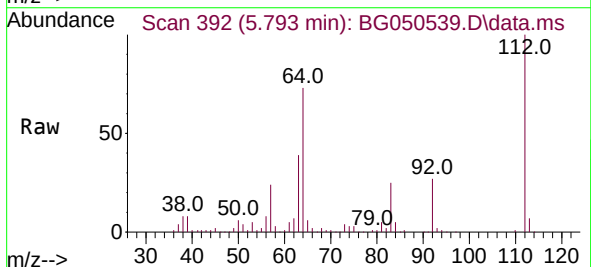
Instrument :
BNA_G
ClientSampleId :
PB139761BL

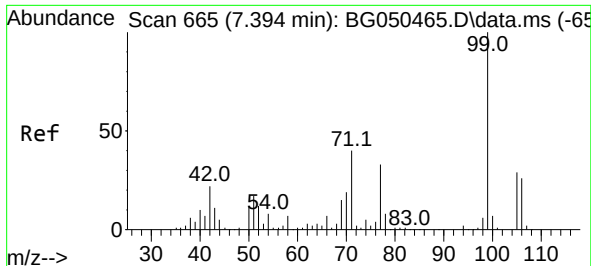
Tgt Ion:152 Resp: 38042
Ion Ratio Lower Upper
152 100
150 155.1 119.4 179.0
115 64.9 60.2 90.4



#5
2-Fluorophenol
Concen: 127.806 ng
RT: 5.793 min Scan# 392
Delta R.T. 0.003 min
Lab File: BG050539.D
Acq: 11 Oct 2021 17:24

Tgt Ion:112 Resp: 325100
Ion Ratio Lower Upper
112 100
64 72.9 46.7 70.1#
63 38.7 35.3 52.9

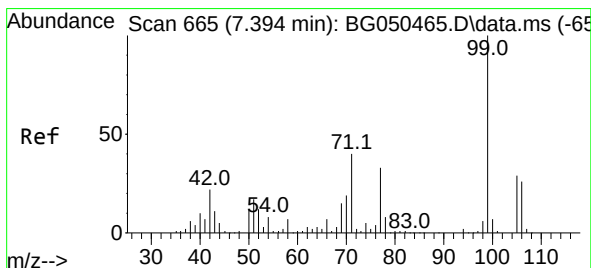
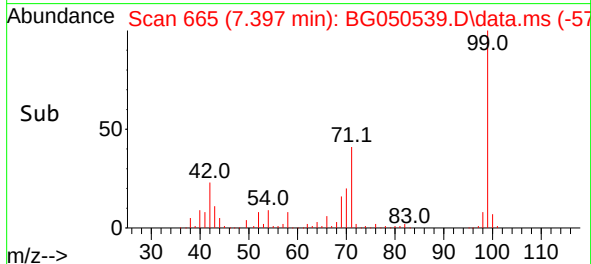
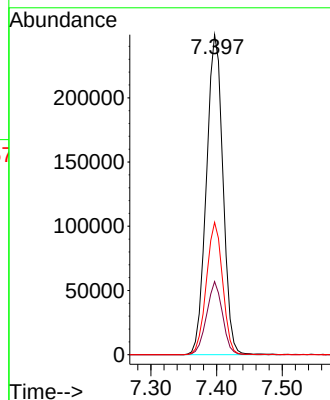
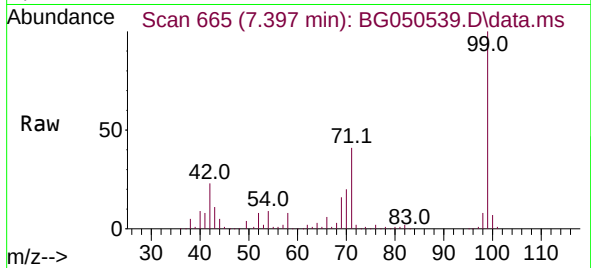




#7
Phenol-d6
Concen: 118.571 ng
RT: 7.397 min Scan# 665
Delta R.T. 0.003 min
Lab File: BG050539.D
Acq: 11 Oct 2021 17:24

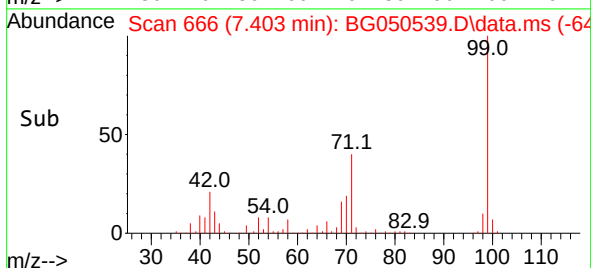
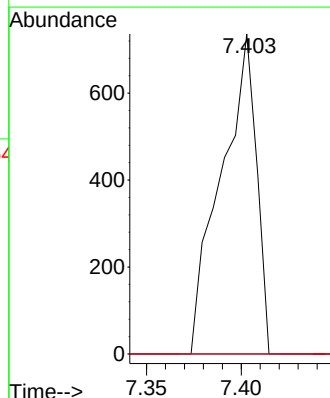
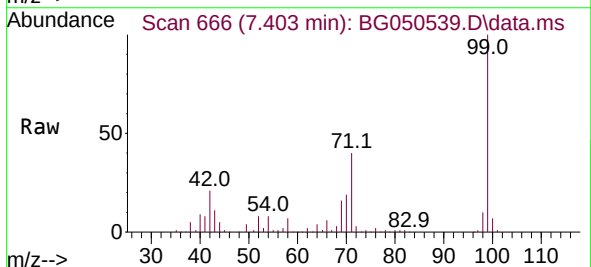
Instrument :
BNA_G
ClientSampleId :
PB139761BL

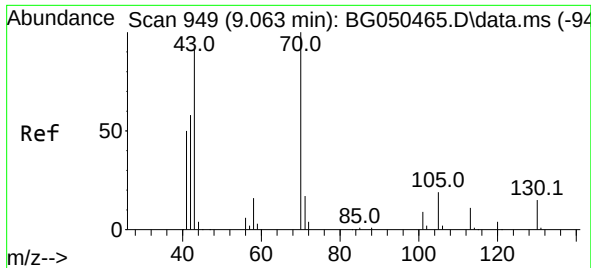
Tgt Ion: 99 Resp: 436679
Ion Ratio Lower Upper
99 100
42 22.9 20.5 30.7
71 41.4 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.403 min Scan# 666
Delta R.T. 0.009 min
Lab File: BG050539.D
Acq: 11 Oct 2021 17:24

Tgt Ion: 77 Resp: 951
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

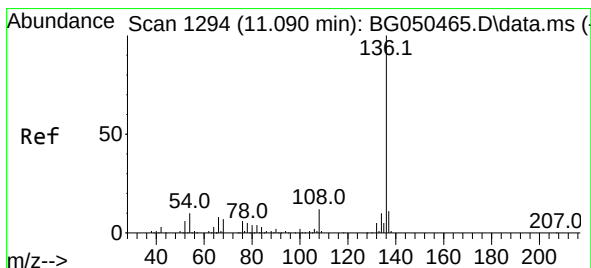
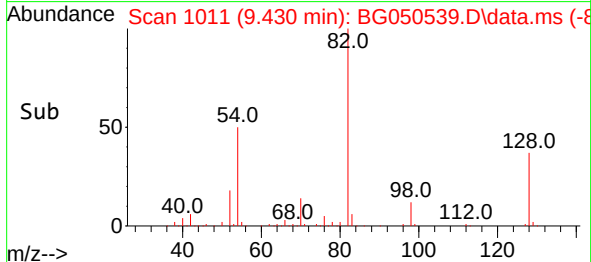
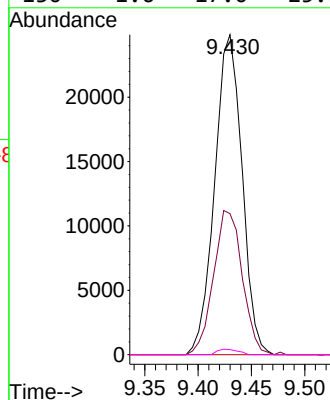
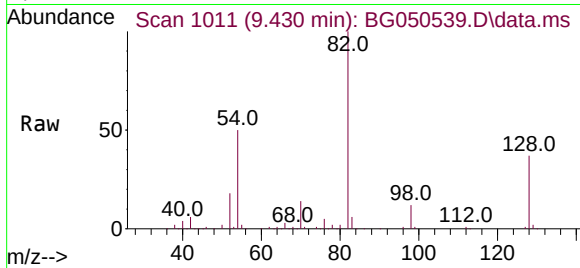




#19
n-Nitroso-di-n-propylamine
Concen: 16.500 ng
RT: 9.430 min Scan# 1011
Delta R.T. 0.367 min
Lab File: BG050539.D
Acq: 11 Oct 2021 17:24

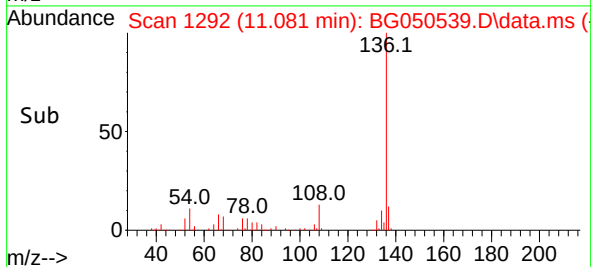
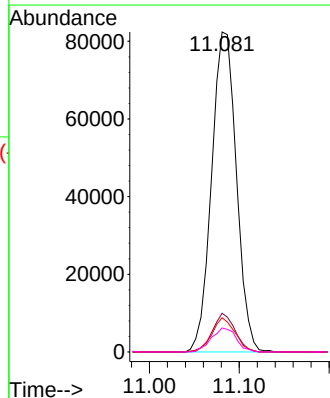
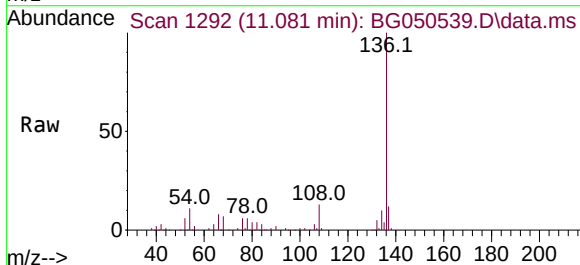
Instrument :
BNA_G
ClientSampleId :
PB139761BL

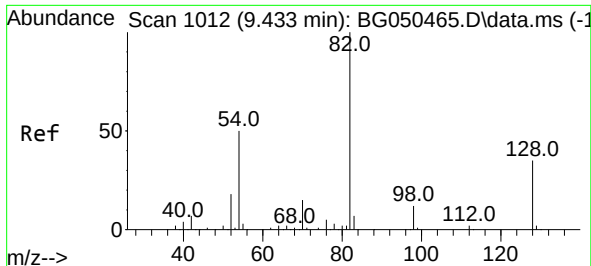
Tgt Ion: 70 Resp: 44292
Ion Ratio Lower Upper
70 100
42 44.1 54.5 81.7#
101 0.0 9.0 13.6#
130 1.6 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.081 min Scan# 1292
Delta R.T. -0.009 min
Lab File: BG050539.D
Acq: 11 Oct 2021 17:24

Tgt Ion:136 Resp: 157861
Ion Ratio Lower Upper
136 100
137 12.1 8.2 12.2
54 10.7 5.5 8.3#
68 7.5 2.3 3.5#





#23

Nitrobenzene-d5

Concen: 81.685 ng

RT: 9.430 min Scan# 1011

Delta R.T. -0.003 min

Lab File: BG050539.D

Acq: 11 Oct 2021 17:24

Tgt Ion: 82 Resp: 311504

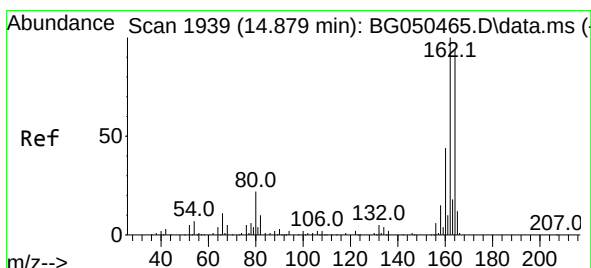
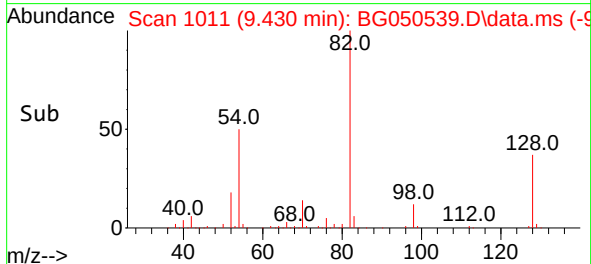
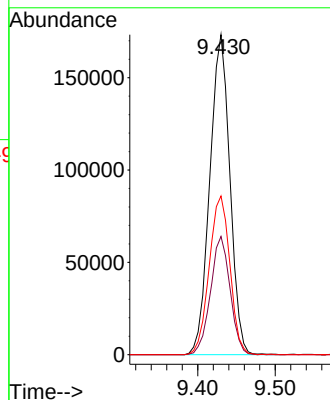
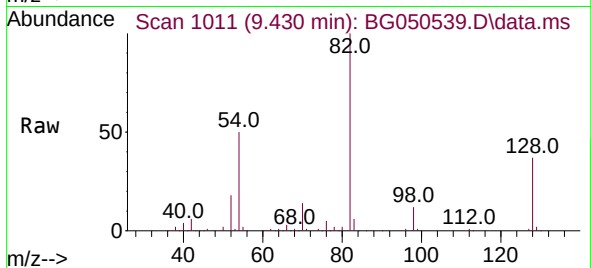
Ion	Ratio	Lower	Upper
82	100		
128	37.0	29.8	44.6
54	49.6	45.8	68.8

Instrument :

BNA_G

ClientSampleId :

PB139761BL



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.876 min Scan# 1938

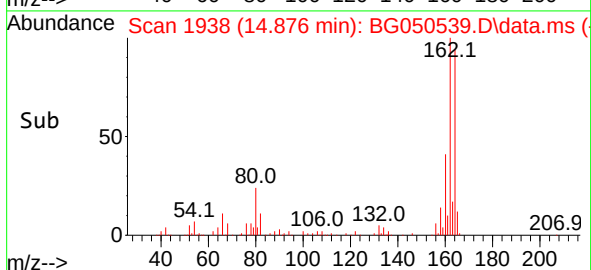
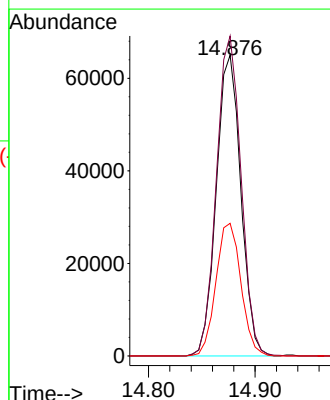
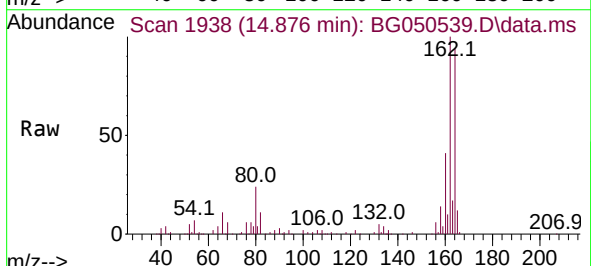
Delta R.T. -0.003 min

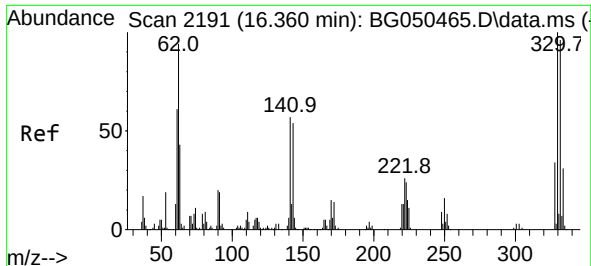
Lab File: BG050539.D

Acq: 11 Oct 2021 17:24

Tgt Ion: 164 Resp: 103945

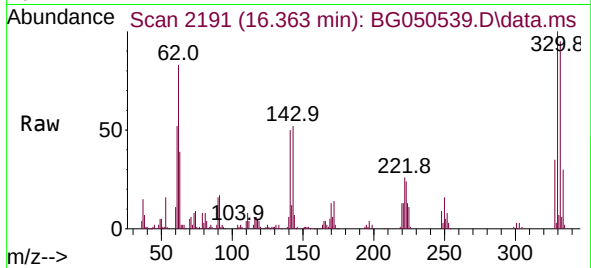
Ion	Ratio	Lower	Upper
164	100		
162	106.4	81.4	122.0
160	44.1	34.9	52.3



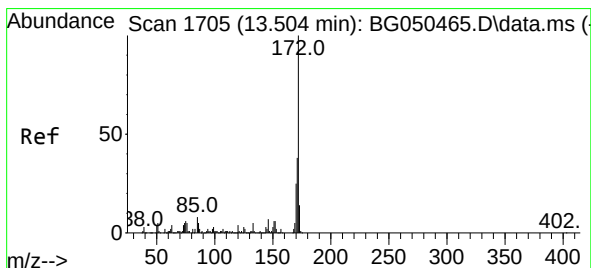
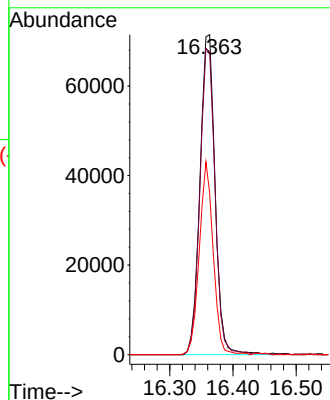
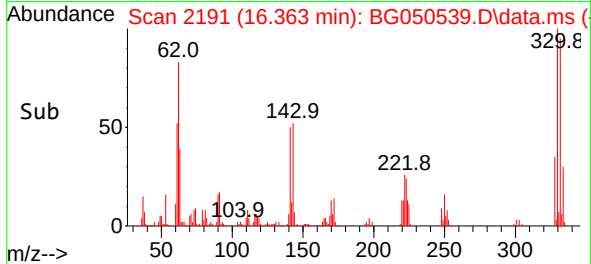


#42
2,4,6-Tribromophenol
Concen: 119.981 ng
RT: 16.363 min Scan# 2191
Delta R.T. 0.003 min
Lab File: BG050539.D
Acq: 11 Oct 2021 17:24

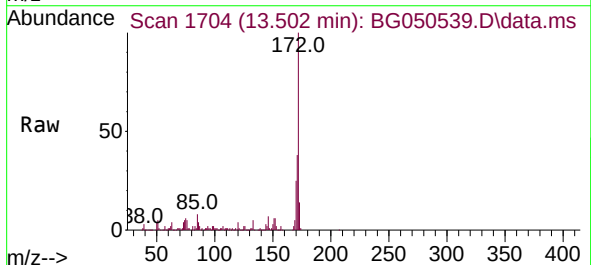
Instrument :
BNA_G
ClientSampleId :
PB139761BL



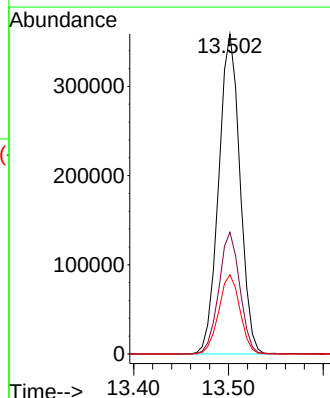
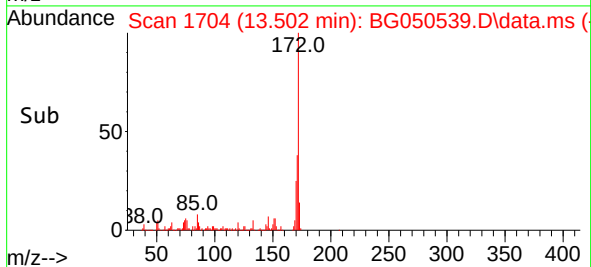
Tgt Ion:330 Resp: 118955
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 55.2 35.6 53.4#

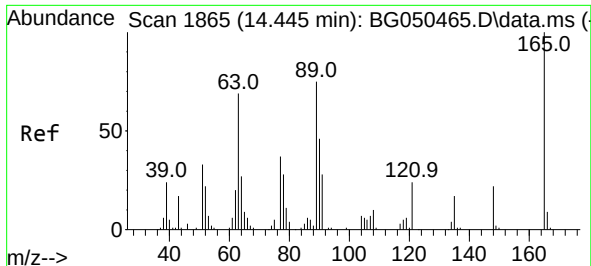


#45
2-Fluorobiphenyl
Concen: 81.018 ng
RT: 13.502 min Scan# 1704
Delta R.T. -0.003 min
Lab File: BG050539.D
Acq: 11 Oct 2021 17:24



Tgt Ion:172 Resp: 559548
Ion Ratio Lower Upper
172 100
171 38.0 28.6 43.0
170 24.8 18.6 27.8

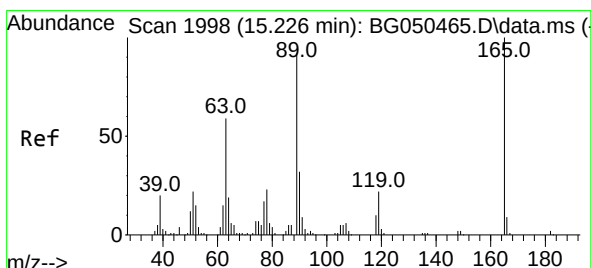
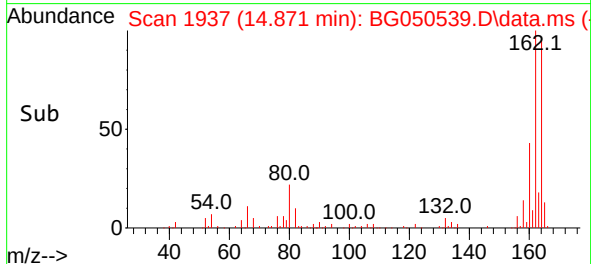
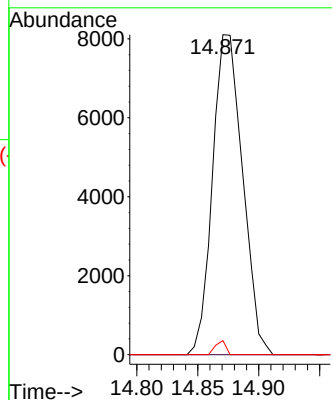
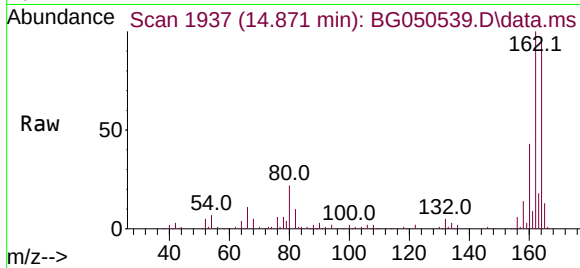




#51
2,6-Dinitrotoluene
Concen: 8.831 ng
RT: 14.871 min Scan# 1937
Delta R.T. 0.426 min
Lab File: BG050539.D
Acq: 11 Oct 2021 17:24

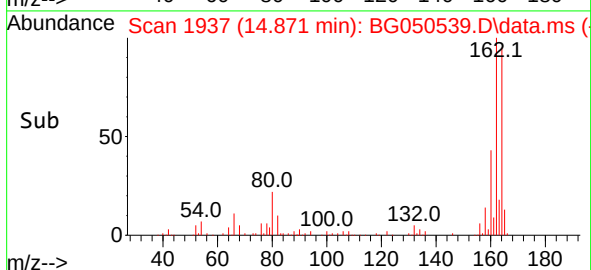
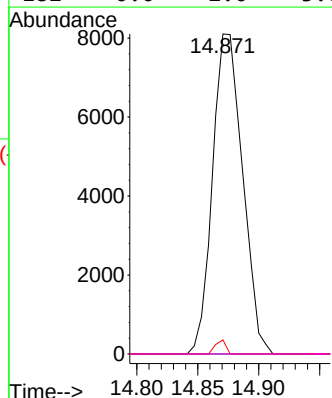
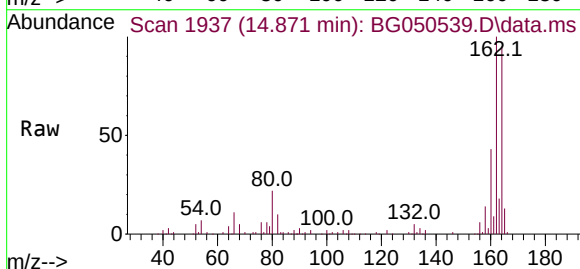
Instrument :
BNA_G
ClientSampleId :
PB139761BL

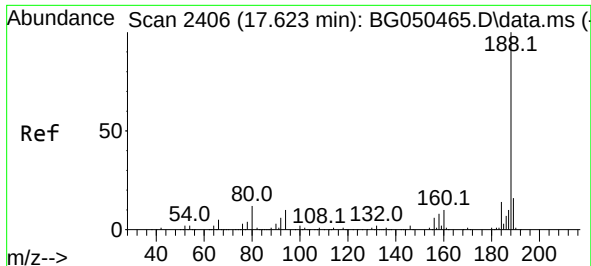
Tgt Ion:165 Resp: 13898
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 4.4 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.266 ng
RT: 14.871 min Scan# 1937
Delta R.T. -0.355 min
Lab File: BG050539.D
Acq: 11 Oct 2021 17:24

Tgt Ion:165 Resp: 13898
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 4.4 65.4 98.0#
182 0.0 2.0 3.0#

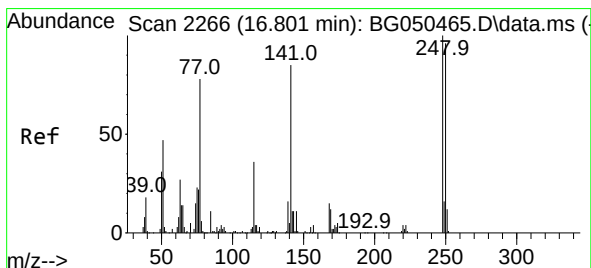
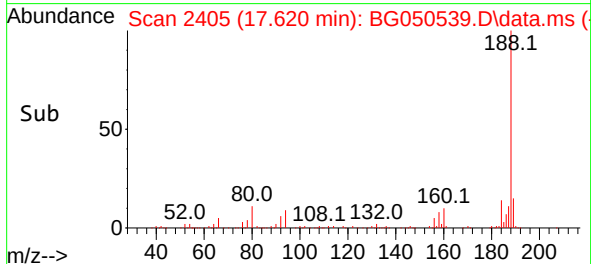
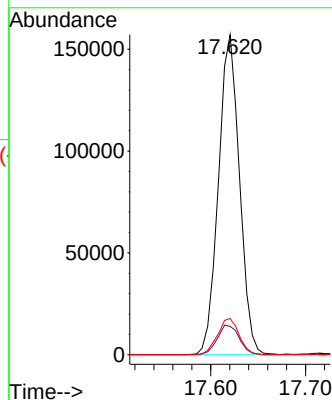
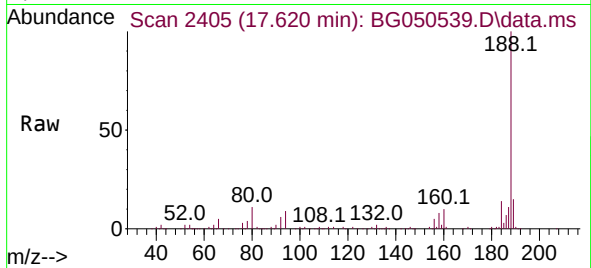




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.620 min Scan# 2405
Delta R.T. -0.003 min
Lab File: BG050539.D
Acq: 11 Oct 2021 17:24

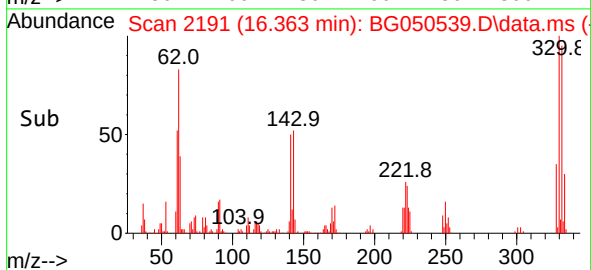
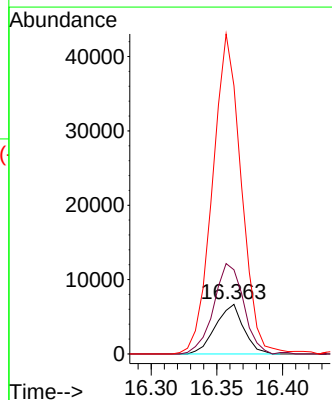
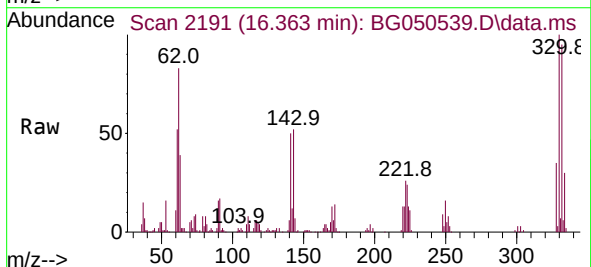
Instrument :
BNA_G
ClientSampleId :
PB139761BL

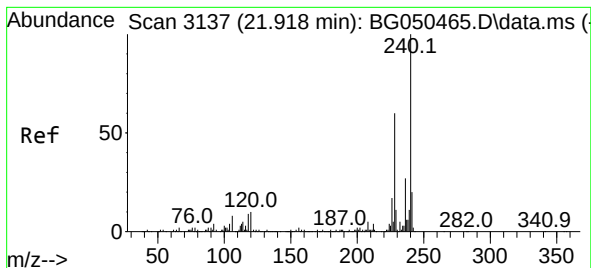
Tgt Ion:188 Resp: 242456
Ion Ratio Lower Upper
188 100
94 8.8 5.4 8.0#
80 11.3 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 4.042 ng
RT: 16.363 min Scan# 2191
Delta R.T. -0.438 min
Lab File: BG050539.D
Acq: 11 Oct 2021 17:24

Tgt Ion:248 Resp: 9875
Ion Ratio Lower Upper
248 100
250 169.5 76.1 114.1#
141 540.4 65.4 98.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.915 min Scan# 3136

Delta R.T. -0.003 min

Lab File: BG050539.D

Acq: 11 Oct 2021 17:24

Instrument :

BNA_G

ClientSampleId :

PB139761BL

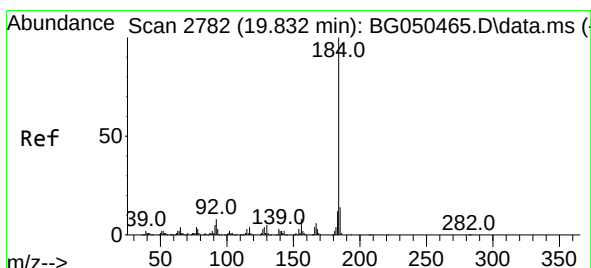
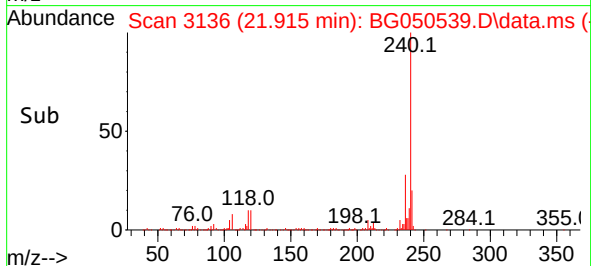
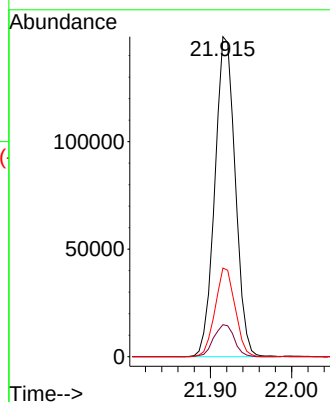
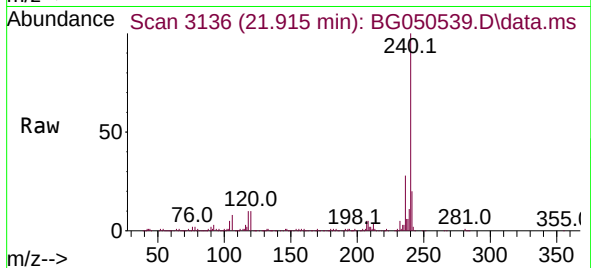
Tgt Ion:240 Resp: 259911

Ion Ratio Lower Upper

240 100

120 10.0 4.2 6.2#

236 27.7 21.8 32.6



#77

Benzidine

Concen: 2.495 ng

RT: 20.206 min Scan# 2845

Delta R.T. 0.373 min

Lab File: BG050539.D

Acq: 11 Oct 2021 17:24

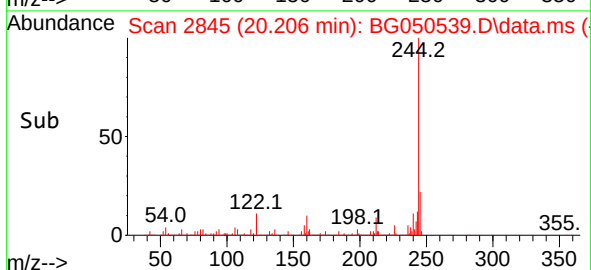
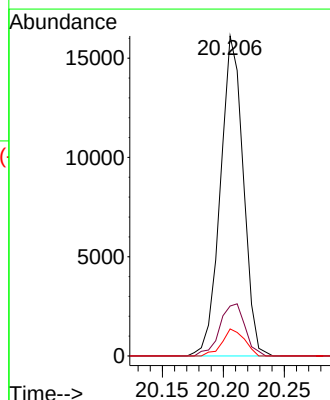
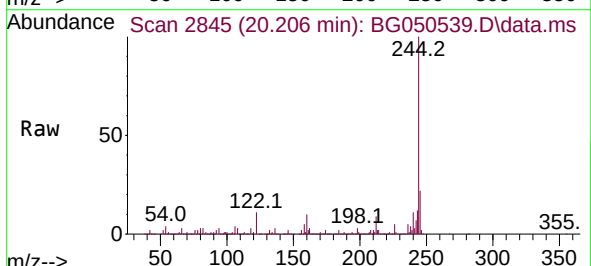
Tgt Ion:184 Resp: 21016

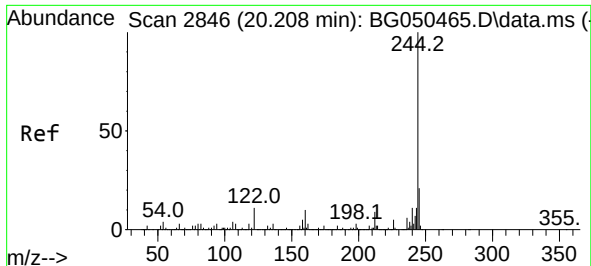
Ion Ratio Lower Upper

184 100

185 15.6 10.7 16.1

183 8.5 9.4 14.0#

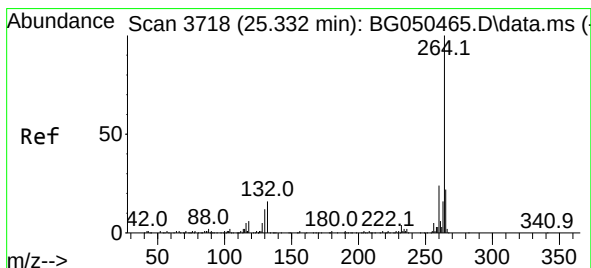
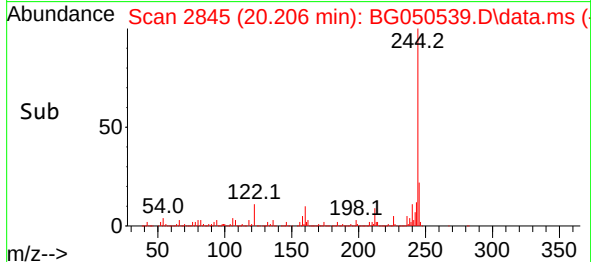
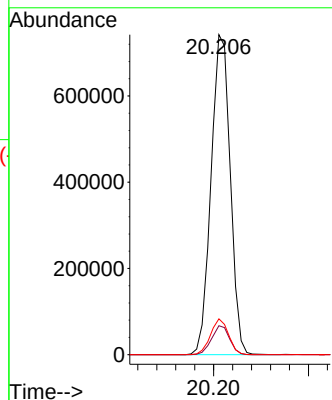
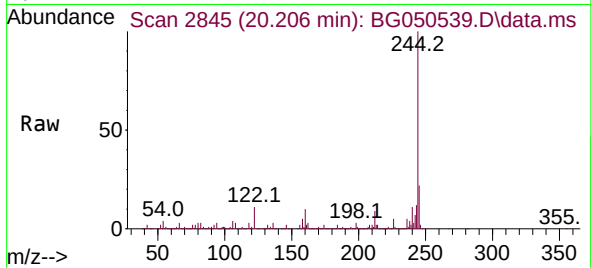




#79
 Terphenyl-d14
 Concen: 77.978 ng
 RT: 20.206 min Scan# 2845
 Delta R.T. -0.003 min
 Lab File: BG050539.D
 Acq: 11 Oct 2021 17:24

Instrument :
 BNA_G
 ClientSampleId :
 PB139761BL

Tgt Ion:244 Resp: 1039972
 Ion Ratio Lower Upper
 244 100
 212 9.1 6.9 10.3
 122 11.2 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.329 min Scan# 3717
 Delta R.T. -0.003 min
 Lab File: BG050539.D
 Acq: 11 Oct 2021 17:24

Tgt Ion:264 Resp: 258658
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 22.5 16.9 25.3

