

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101821\
 Data File : BG050612.D
 Acq On : 18 Oct 2021 10:52
 Operator : CG/JU
 Sample : PB139926BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB139926BL

Quant Time: Oct 18 11:53:38 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)

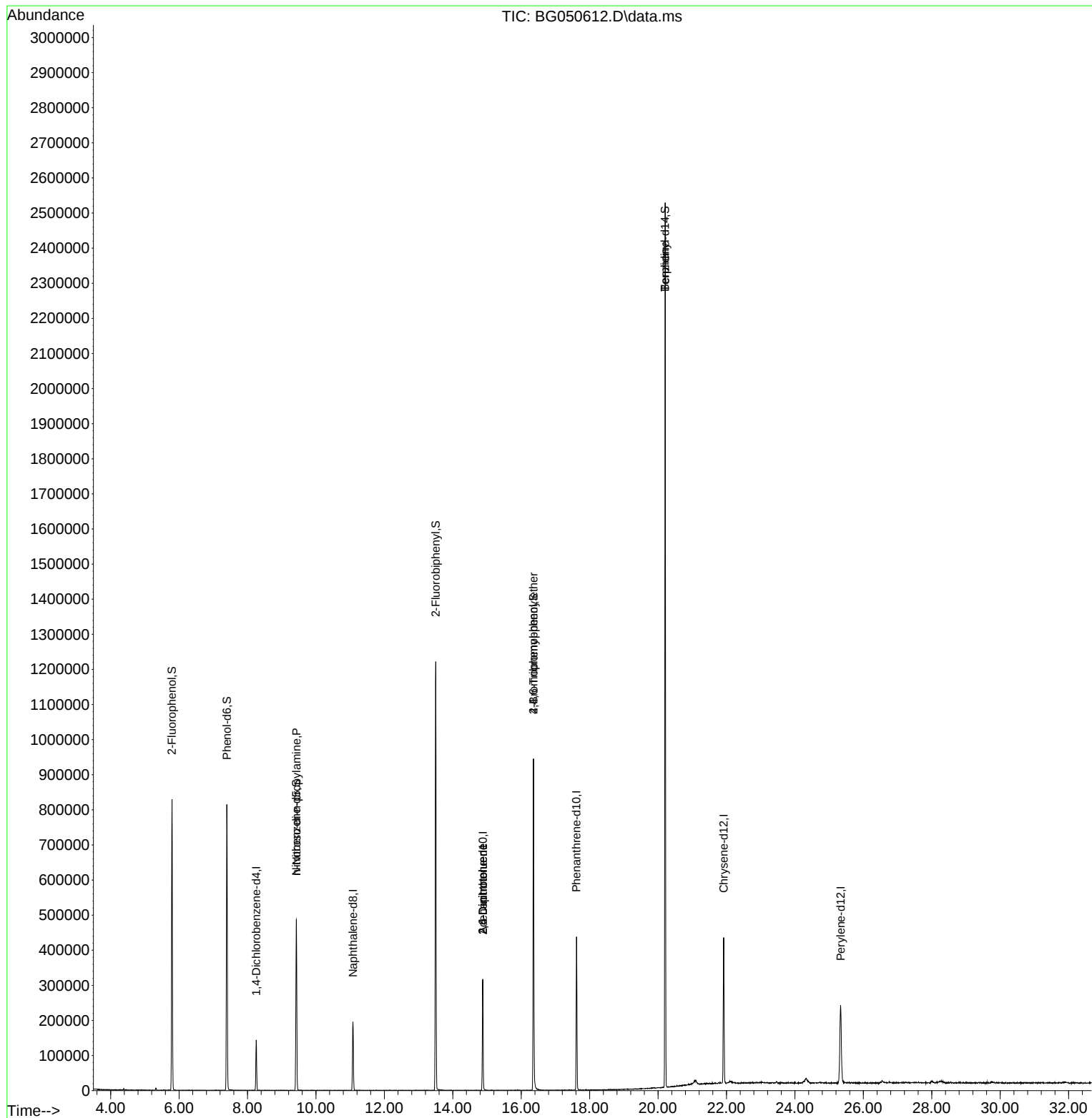
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.255	152	37365	20.000	ng	0.00
21) Naphthalene-d8	11.081	136	162978	20.000	ng	# 0.00
39) Acenaphthene-d10	14.876	164	112570	20.000	ng	0.00
64) Phenanthrene-d10	17.614	188	275358	20.000	ng	# 0.00
76) Chrysene-d12	21.915	240	253796	20.000	ng	# 0.00
86) Perylene-d12	25.335	264	240012	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.793	112	341842	136.822	ng	0.00
7) Phenol-d6	7.397	99	458793	126.833	ng	0.00
23) Nitrobenzene-d5	9.424	82	323559	82.183	ng	0.00
42) 2,4,6-Tribromophenol	16.357	330	139805	130.206	ng	0.00
45) 2-Fluorobiphenyl	13.502	172	619576	82.836	ng	0.00
79) Terphenyl-d14	20.206	244	1109338	85.183	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.397	77	1041	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.430	70	45392	17.217	ng	# 70
51) 2,6-Dinitrotoluene	14.876	165	14800	8.684	ng	# 10
57) 2,4-Dinitrotoluene	14.876	165	14800	6.161	ng	# 15
67) 4-Bromophenyl-phenylether	16.357	248	11623	4.189	ng	# 1
77) Benzidine	20.206	184	21940	2.667	ng	# 94

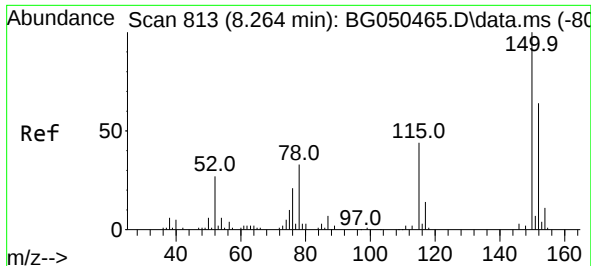
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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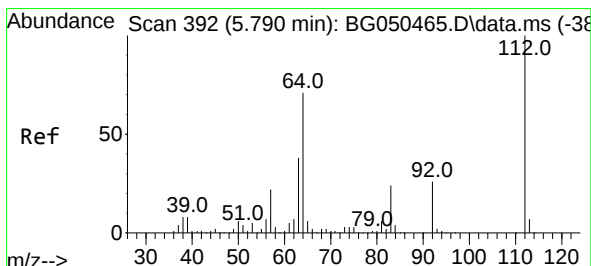
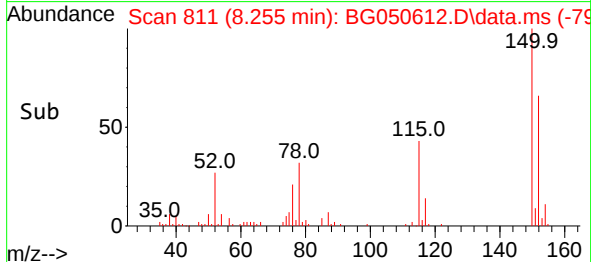
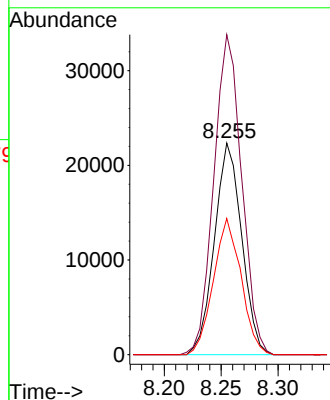
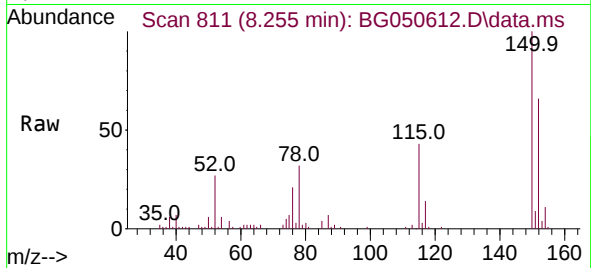




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.255 min Scan# 811
Delta R.T. -0.003 min
Lab File: BG050612.D
Acq: 18 Oct 2021 10:52

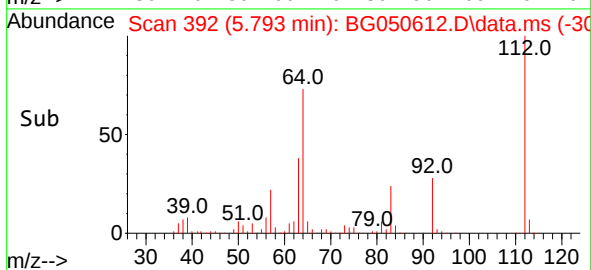
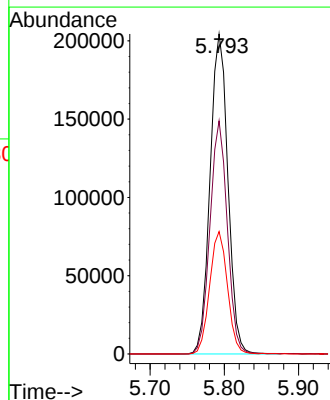
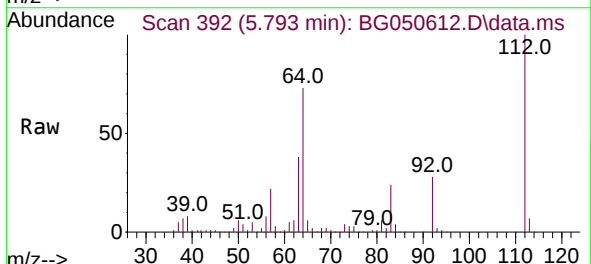
Instrument :
BNA_G
ClientSampleId :
PB139926BL

Tgt Ion:152 Resp: 37365
Ion Ratio Lower Upper
152 100
150 151.2 119.4 179.0
115 64.4 60.2 90.4



#5
2-Fluorophenol
Concen: 136.822 ng
RT: 5.793 min Scan# 392
Delta R.T. 0.002 min
Lab File: BG050612.D
Acq: 18 Oct 2021 10:52

Tgt Ion:112 Resp: 341842
Ion Ratio Lower Upper
112 100
64 72.9 46.7 70.1#
63 38.3 35.3 52.9

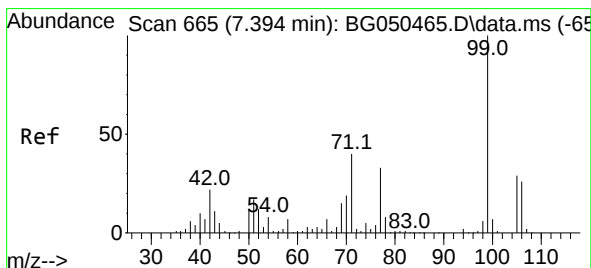
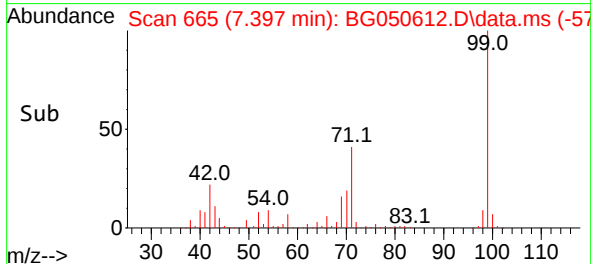
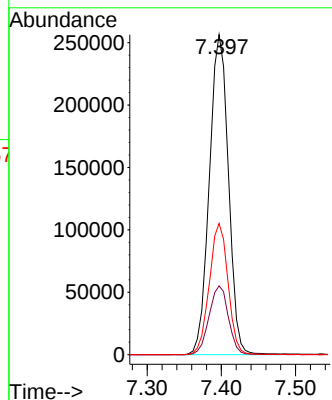
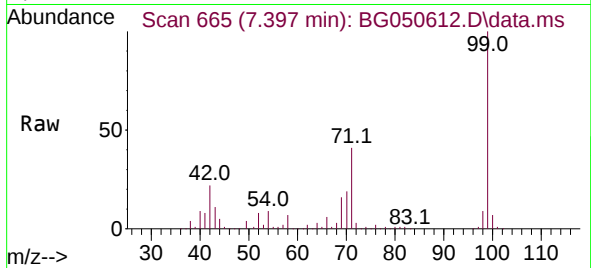




#7
Phenol-d6
Concen: 126.833 ng
RT: 7.397 min Scan# 665
Delta R.T. -0.004 min
Lab File: BG050612.D
Acq: 18 Oct 2021 10:52

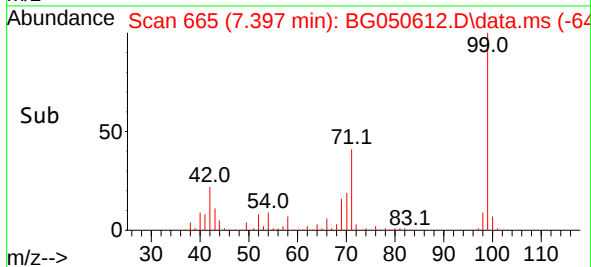
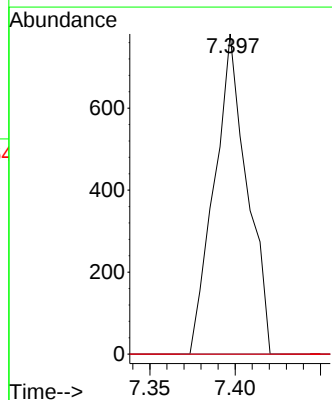
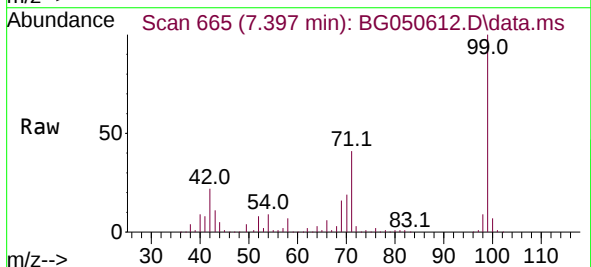
Instrument :
BNA_G
ClientSampleId :
PB139926BL

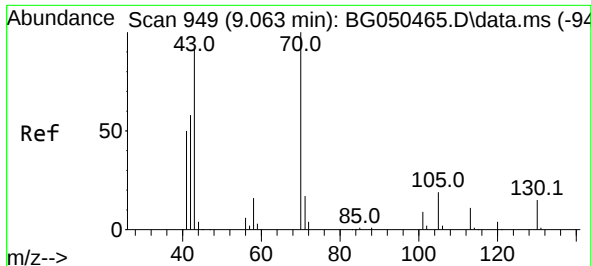
Tgt Ion: 99 Resp: 458793
Ion Ratio Lower Upper
99 100
42 21.5 20.5 30.7
71 41.0 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.397 min Scan# 665
Delta R.T. 0.008 min
Lab File: BG050612.D
Acq: 18 Oct 2021 10:52

Tgt Ion: 77 Resp: 1041
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

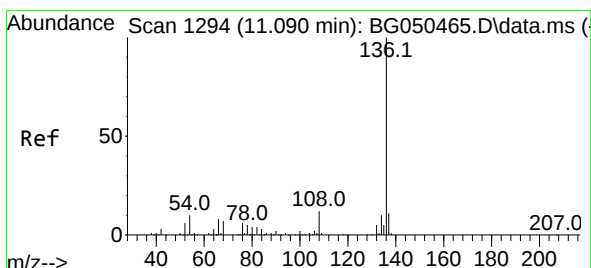
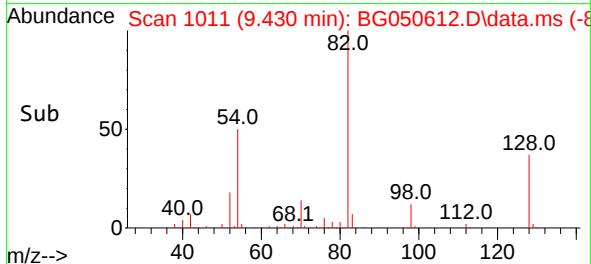
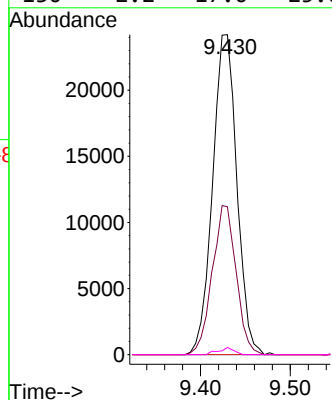
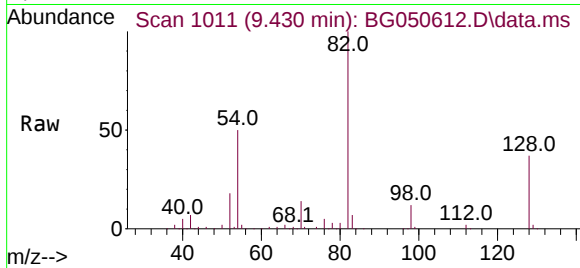




#19
n-Nitroso-di-n-propylamine
Concen: 17.217 ng
RT: 9.430 min Scan# 1011
Delta R.T. 0.372 min
Lab File: BG050612.D
Acq: 18 Oct 2021 10:52

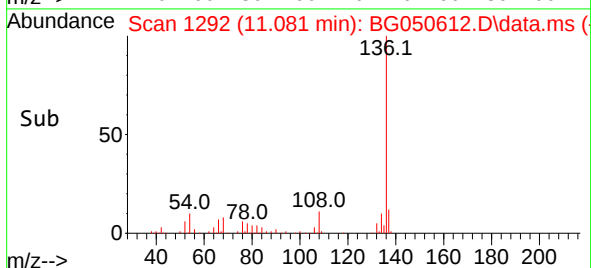
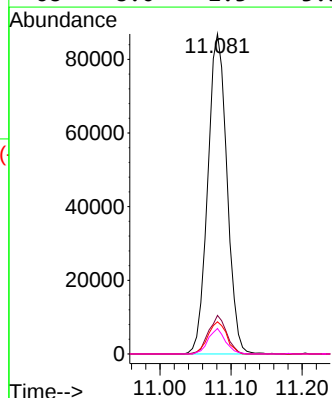
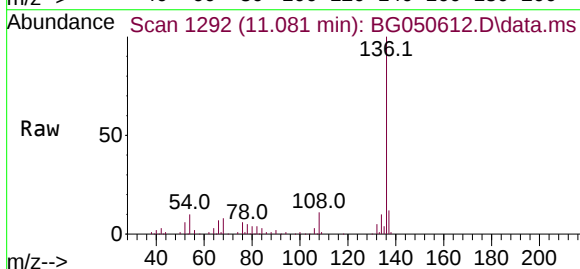
Instrument :
BNA_G
ClientSampleId :
PB139926BL

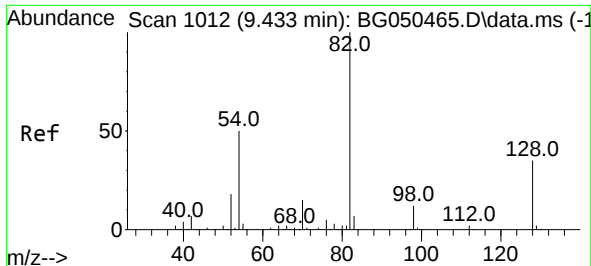
Tgt Ion:	70	Resp:	45392
Ion	Ratio	Lower	Upper
70	100		
42	46.3	54.5	81.7#
101	0.0	9.0	13.6#
130	2.2	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.081 min Scan# 1292
Delta R.T. -0.004 min
Lab File: BG050612.D
Acq: 18 Oct 2021 10:52

Tgt Ion:	136	Resp:	162978
Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.2	12.2
54	10.0	5.5	8.3#
68	8.0	2.3	3.5#

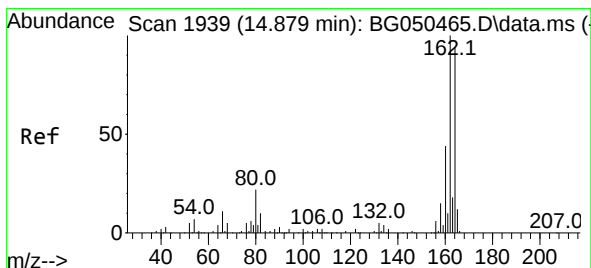
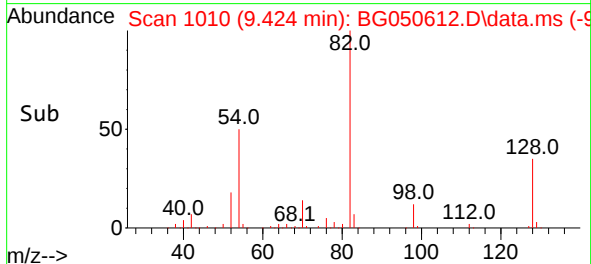
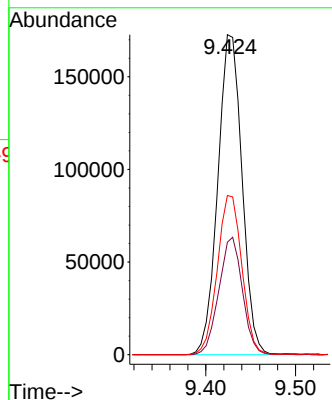
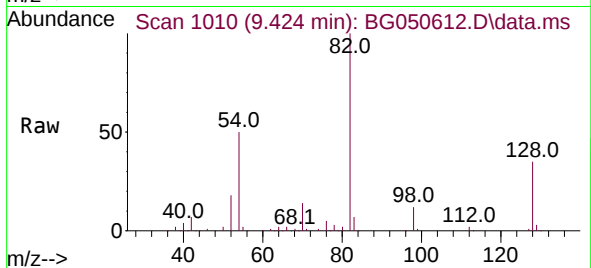




#23
Nitrobenzene-d5
Concen: 82.183 ng
RT: 9.424 min Scan# 1010
Delta R.T. -0.004 min
Lab File: BG050612.D
Acq: 18 Oct 2021 10:52

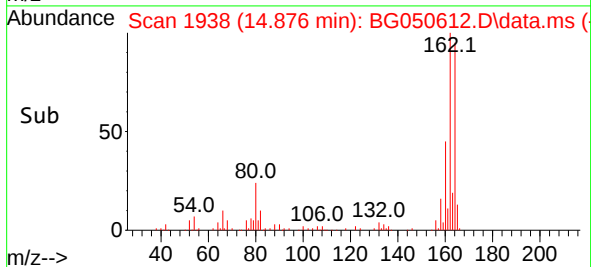
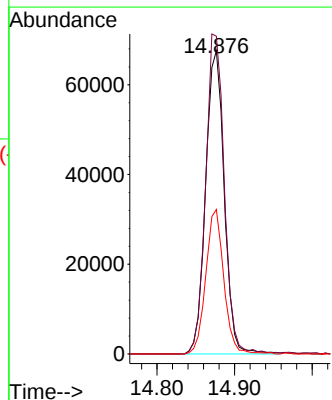
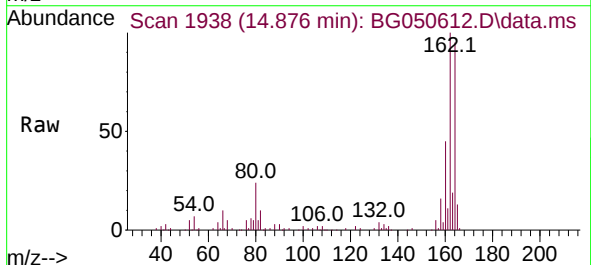
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ClientSampleId :
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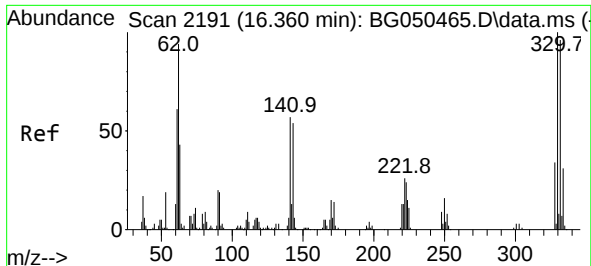
Tgt Ion: 82 Resp: 323559
Ion Ratio Lower Upper
82 100
128 35.1 29.8 44.6
54 49.7 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.876 min Scan# 1938
Delta R.T. 0.002 min
Lab File: BG050612.D
Acq: 18 Oct 2021 10:52

Tgt Ion:164 Resp: 112570
Ion Ratio Lower Upper
164 100
162 104.8 81.4 122.0
160 47.6 34.9 52.3

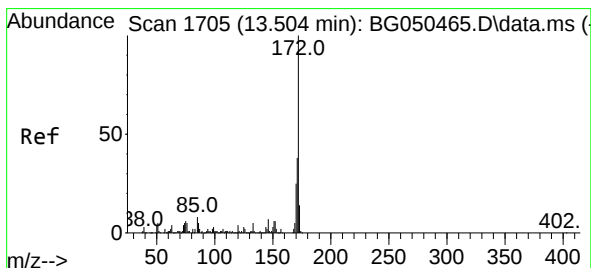
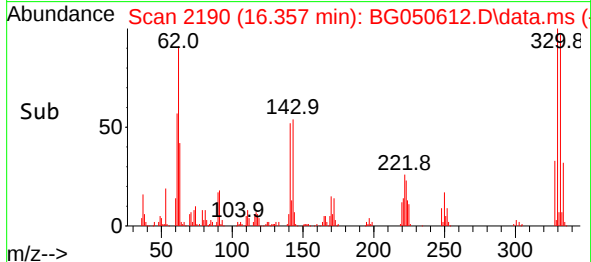
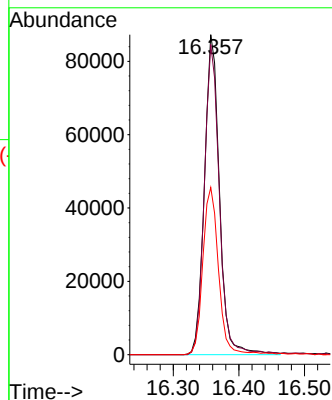
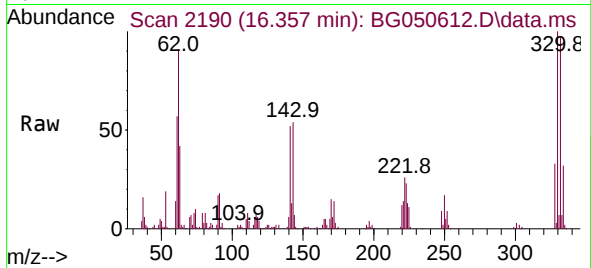




#42
2,4,6-Tribromophenol
Concen: 130.206 ng
RT: 16.357 min Scan# 2190
Delta R.T. -0.004 min
Lab File: BG050612.D
Acq: 18 Oct 2021 10:52

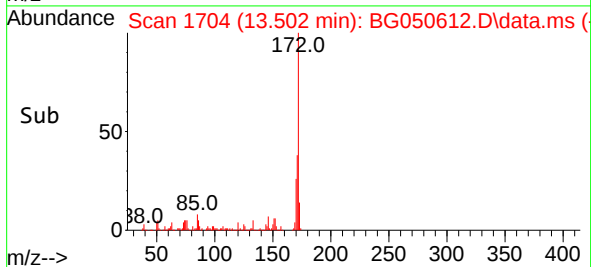
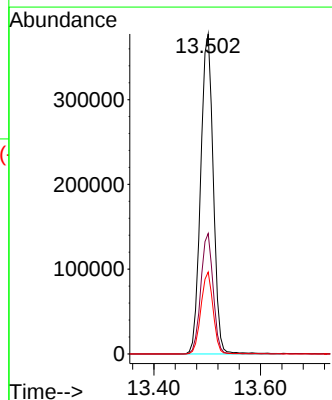
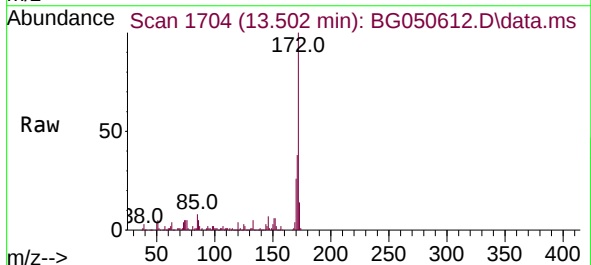
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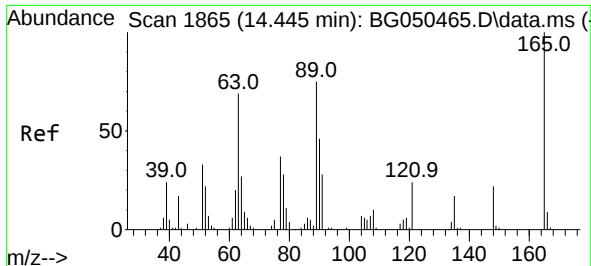
Tgt Ion:330 Resp: 139805
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 54.6 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 82.836 ng
RT: 13.502 min Scan# 1704
Delta R.T. -0.004 min
Lab File: BG050612.D
Acq: 18 Oct 2021 10:52

Tgt Ion:172 Resp: 619576
Ion Ratio Lower Upper
172 100
171 37.7 28.6 43.0
170 25.6 18.6 27.8

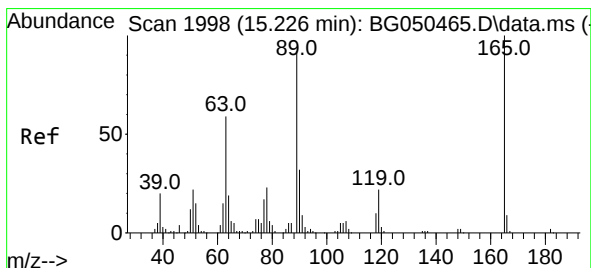
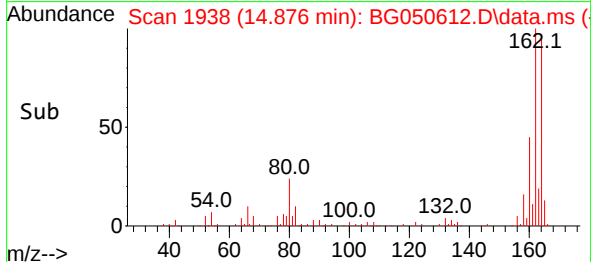
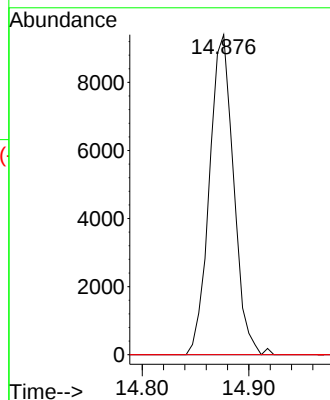
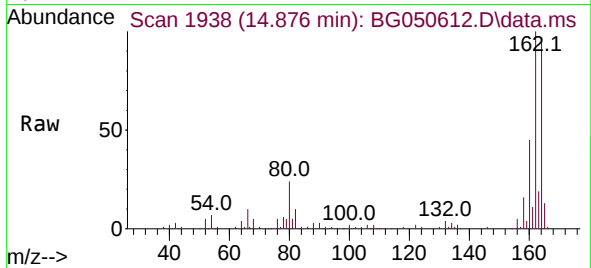




#51
2,6-Dinitrotoluene
Concen: 8.684 ng
RT: 14.876 min Scan# 1938
Delta R.T. 0.431 min
Lab File: BG050612.D
Acq: 18 Oct 2021 10:52

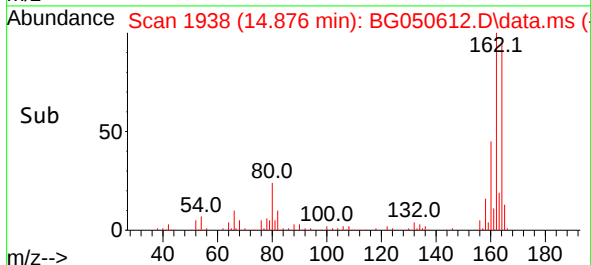
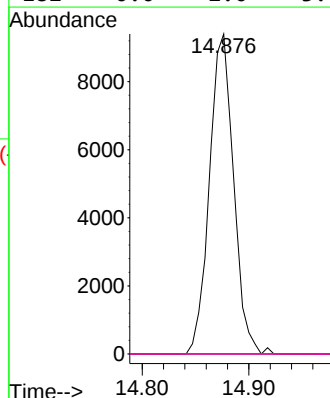
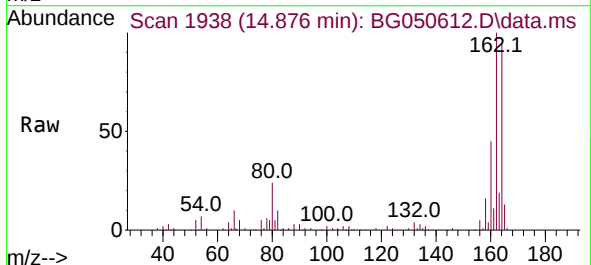
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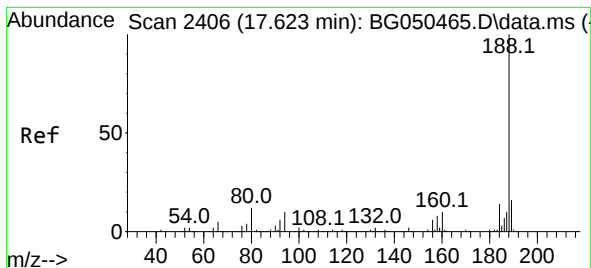
Tgt Ion:165 Resp: 14800
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.161 ng
RT: 14.876 min Scan# 1938
Delta R.T. -0.350 min
Lab File: BG050612.D
Acq: 18 Oct 2021 10:52

Tgt Ion:165 Resp: 14800
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#

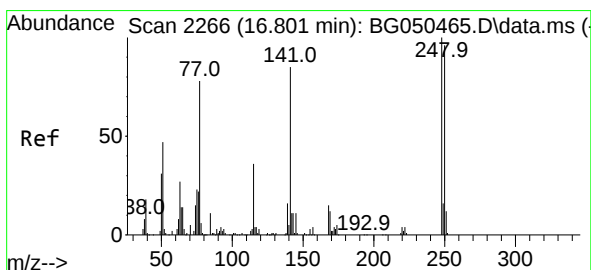
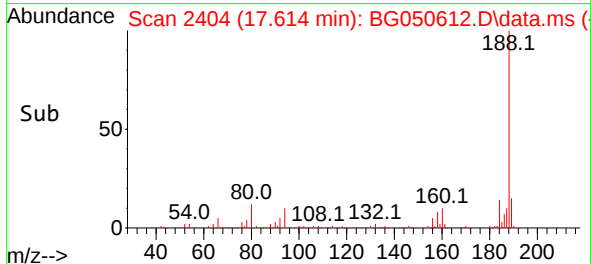
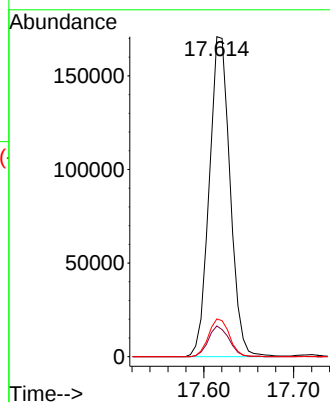
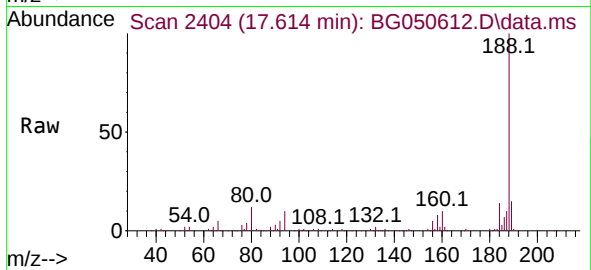




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.614 min Scan# 2404
Delta R.T. -0.004 min
Lab File: BG050612.D
Acq: 18 Oct 2021 10:52

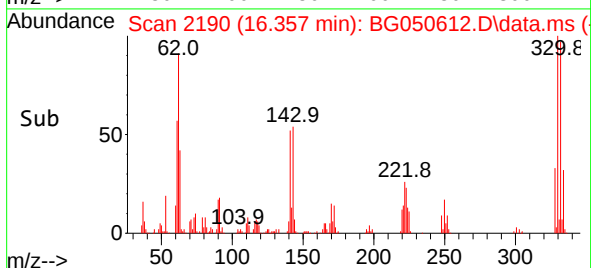
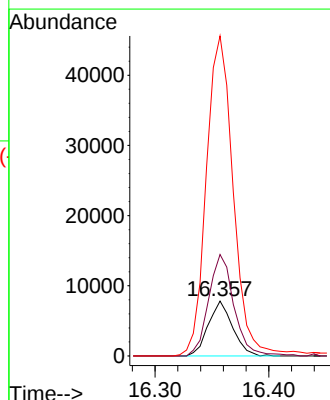
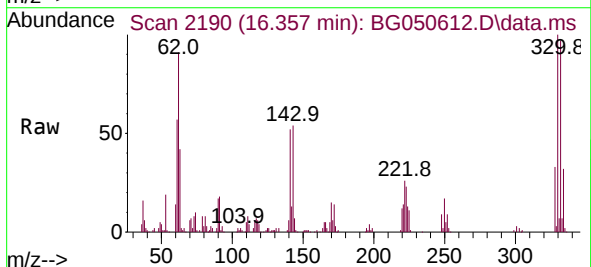
Instrument :
BNA_G
ClientSampleId :
PB139926BL

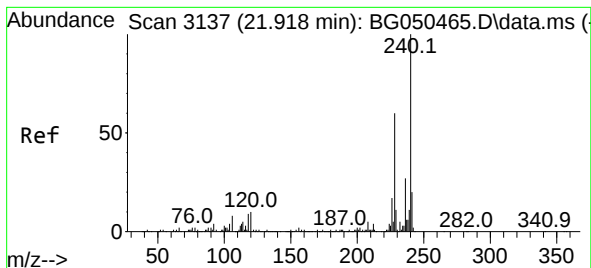
Tgt Ion:188 Resp: 275358
Ion Ratio Lower Upper
188 100
94 9.6 5.4 8.0#
80 11.8 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 4.189 ng
RT: 16.357 min Scan# 2190
Delta R.T. -0.444 min
Lab File: BG050612.D
Acq: 18 Oct 2021 10:52

Tgt Ion:248 Resp: 11623
Ion Ratio Lower Upper
248 100
250 184.6 76.1 114.1#
141 582.4 65.4 98.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.915 min Scan# 3136

Delta R.T. -0.009 min

Lab File: BG050612.D

Acq: 18 Oct 2021 10:52

Tgt Ion:240 Resp: 253796

Ion Ratio Lower Upper

240 100

120 9.5 4.2 6.2#

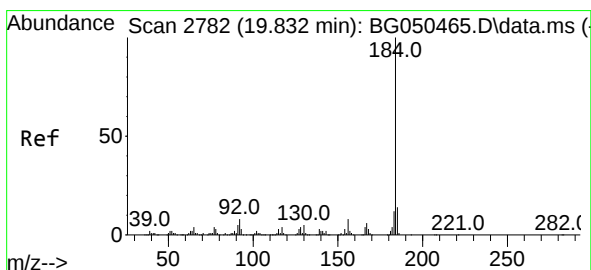
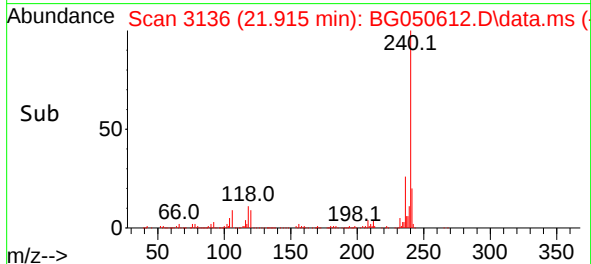
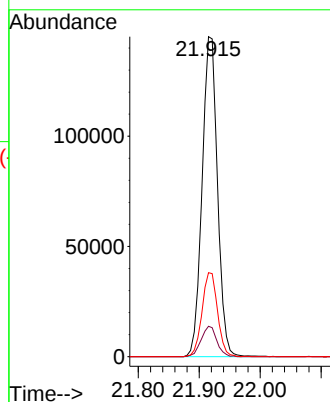
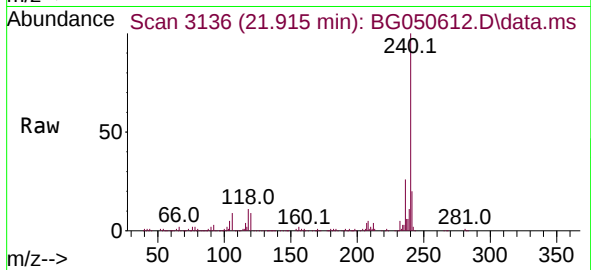
236 26.3 21.8 32.6

Instrument :

BNA_G

ClientSampleId :

PB139926BL



#77

Benzidine

Concen: 2.667 ng

RT: 20.206 min Scan# 2845

Delta R.T. 0.372 min

Lab File: BG050612.D

Acq: 18 Oct 2021 10:52

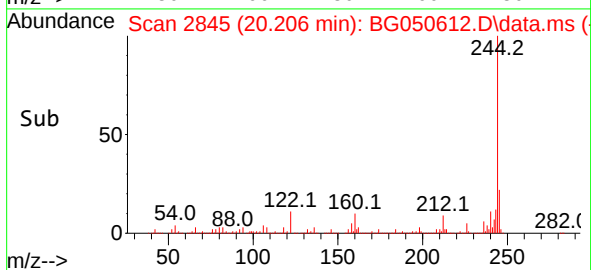
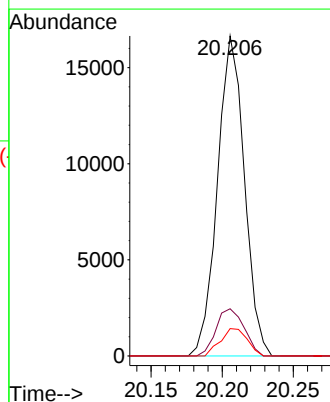
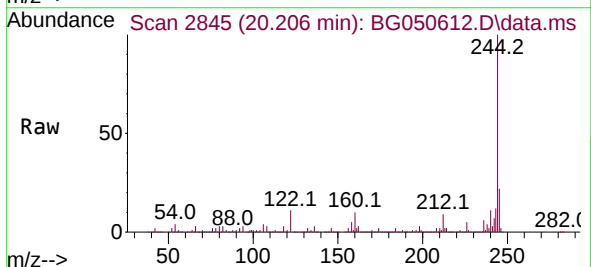
Tgt Ion:184 Resp: 21940

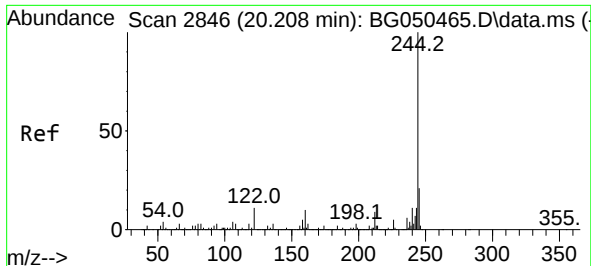
Ion Ratio Lower Upper

184 100

185 14.7 10.7 16.1

183 8.6 9.4 14.0#

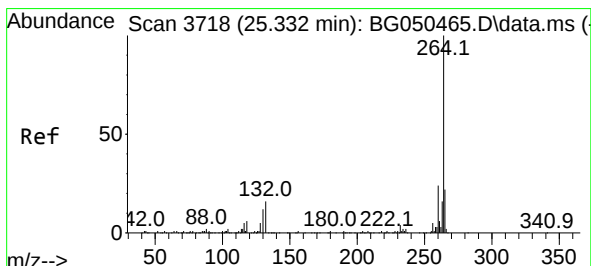
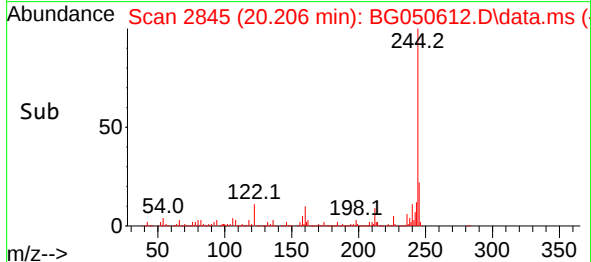
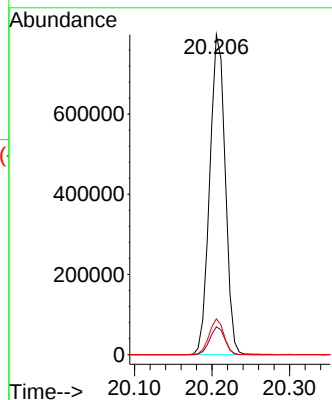
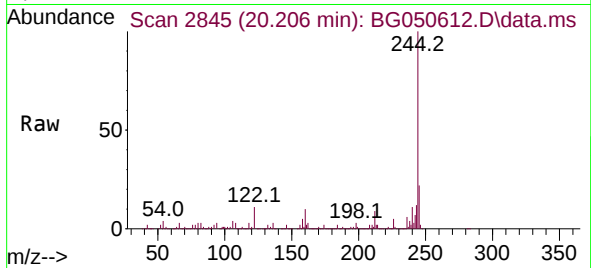




#79
 Terphenyl-d14
 Concen: 85.183 ng
 RT: 20.206 min Scan# 2845
 Delta R.T. -0.004 min
 Lab File: BG050612.D
 Acq: 18 Oct 2021 10:52

Instrument :
 BNA_G
 ClientSampleId :
 PB139926BL

Tgt Ion:244 Resp: 1109338
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.9 10.3
 122 11.2 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.335 min Scan# 3718
 Delta R.T. 0.002 min
 Lab File: BG050612.D
 Acq: 18 Oct 2021 10:52

Tgt Ion:264 Resp: 240012
 Ion Ratio Lower Upper
 264 100
 260 25.6 19.4 29.2
 265 21.8 16.9 25.3

