

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100621\
 Data File : BG050470.D
 Acq On : 6 Oct 2021 16:24
 Operator : CG/JU
 Sample : PB139654BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB139663BL

Quant Time: Oct 06 17:35:08 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)

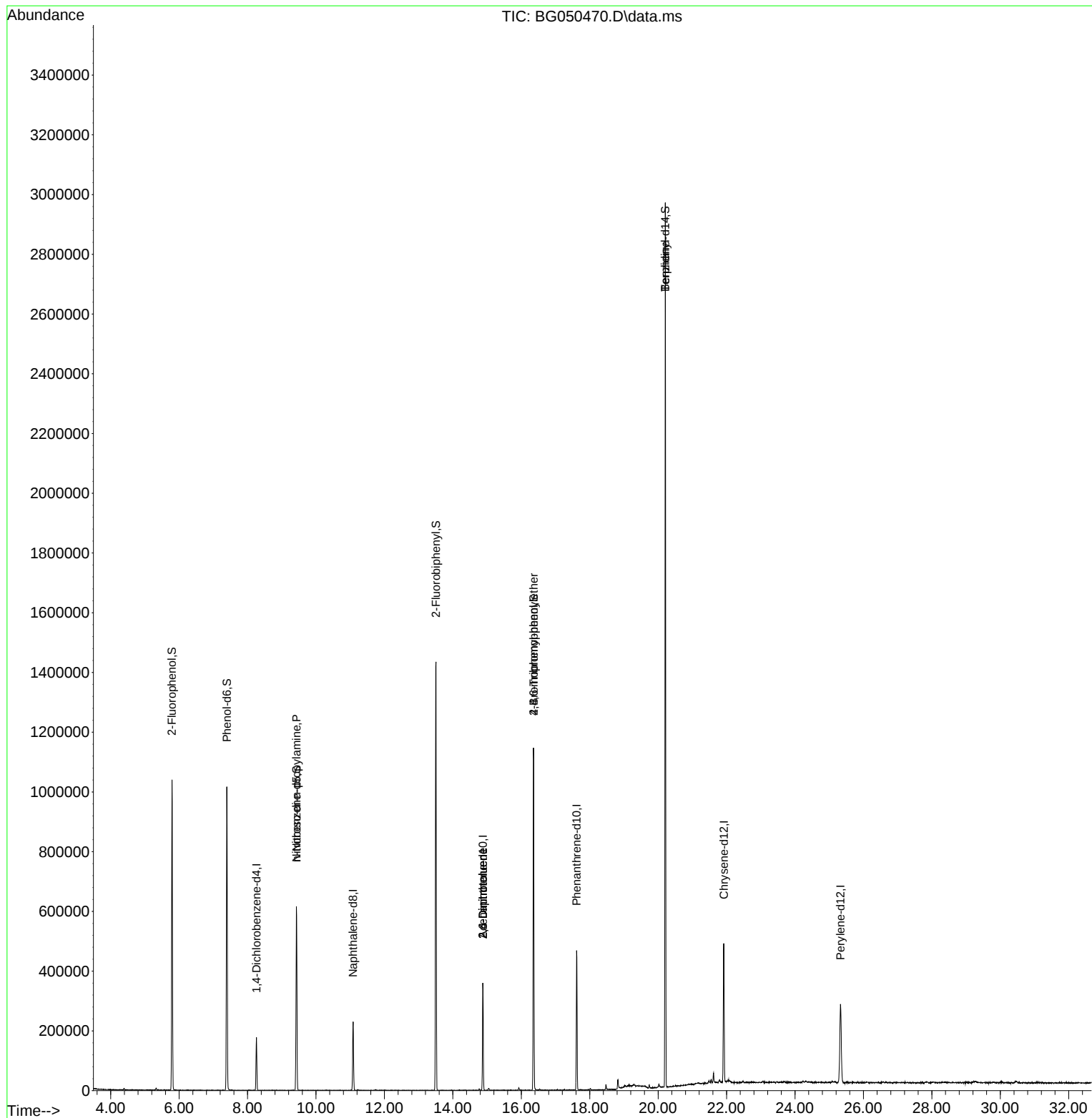
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.259	152	46808	20.000	ng	0.00
21) Naphthalene-d8	11.085	136	186916	20.000	ng	# 0.00
39) Acenaphthene-d10	14.875	164	122951	20.000	ng	0.00
64) Phenanthrene-d10	17.619	188	286260	20.000	ng	# 0.00
76) Chrysene-d12	21.920	240	286441	20.000	ng	# 0.00
86) Perylene-d12	25.327	264	280486	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	420261	134.275	ng	0.00
7) Phenol-d6	7.395	99	554963	122.469	ng	0.00
23) Nitrobenzene-d5	9.428	82	397961	88.135	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	162005	138.143	ng	0.00
45) 2-Fluorobiphenyl	13.506	172	722183	88.402	ng	0.00
79) Terphenyl-d14	20.210	244	1231986	83.819	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.390	77	1243	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.428	70	55465	16.793	ng	# 71
51) 2,6-Dinitrotoluene	14.875	165	15990	8.590	ng	# 11
57) 2,4-Dinitrotoluene	14.875	165	15990	6.094	ng	# 17
67) 4-Bromophenyl-phenylether	16.361	248	13158	4.561	ng	# 1
77) Benzidine	20.210	184	25294	2.725	ng	# 95

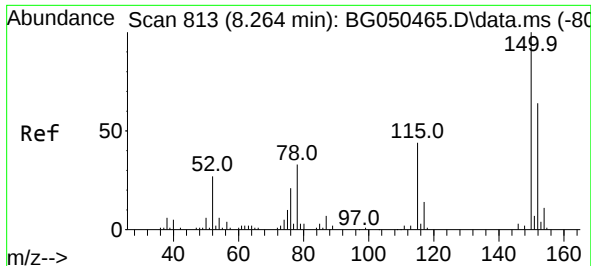
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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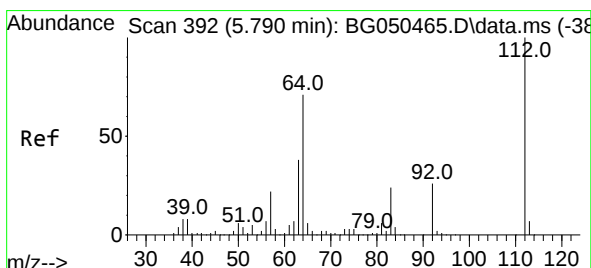
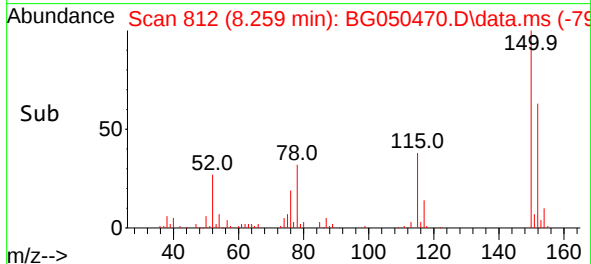
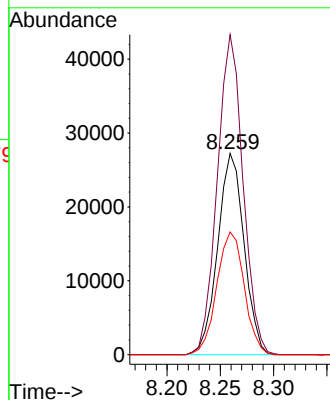
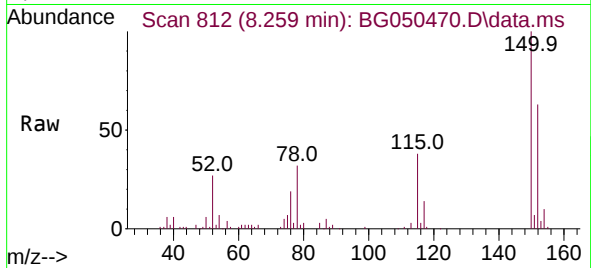




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.259 min Scan# 812
Delta R.T. -0.005 min
Lab File: BG050470.D
Acq: 6 Oct 2021 16:24

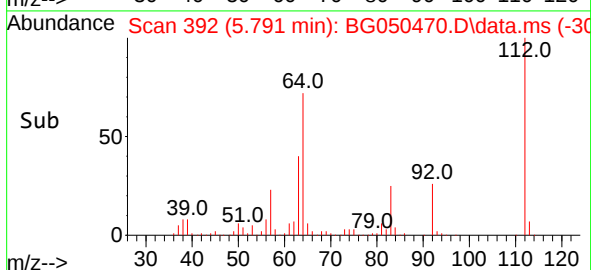
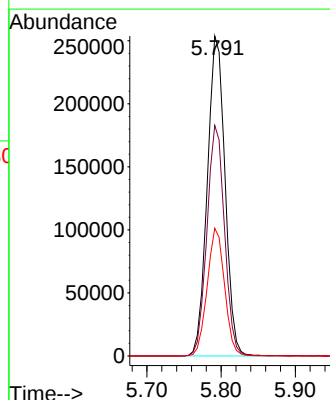
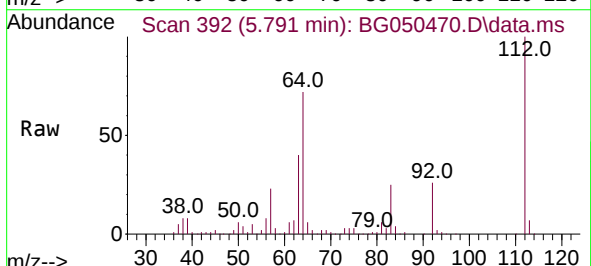
Instrument :
BNA_G
ClientSampleId :
PB139663BL

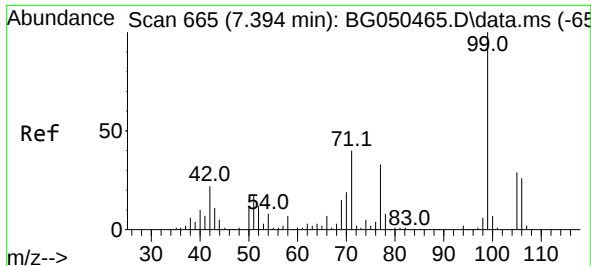
Tgt Ion:152 Resp: 46808
Ion Ratio Lower Upper
152 100
150 159.0 119.4 179.0
115 61.0 60.2 90.4



#5
2-Fluorophenol
Concen: 134.275 ng
RT: 5.791 min Scan# 392
Delta R.T. 0.001 min
Lab File: BG050470.D
Acq: 6 Oct 2021 16:24

Tgt Ion:112 Resp: 420261
Ion Ratio Lower Upper
112 100
64 72.0 46.7 70.1#
63 39.9 35.3 52.9

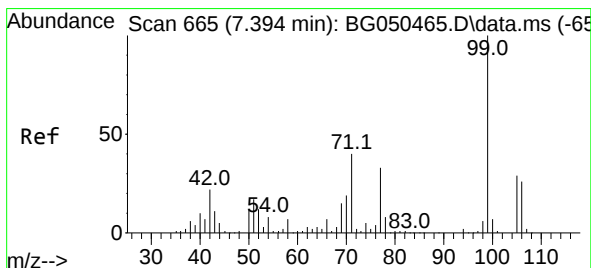
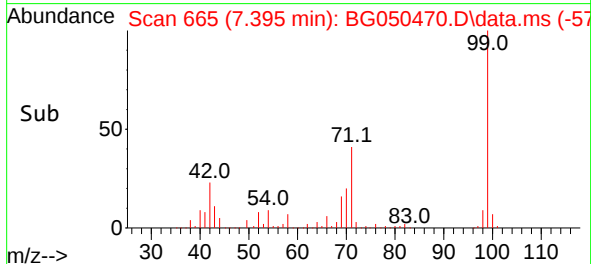
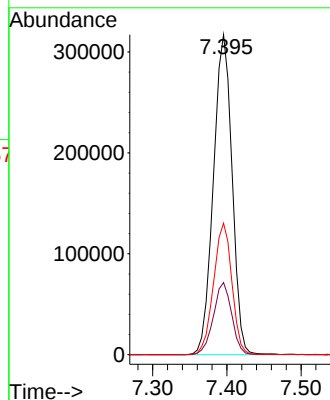
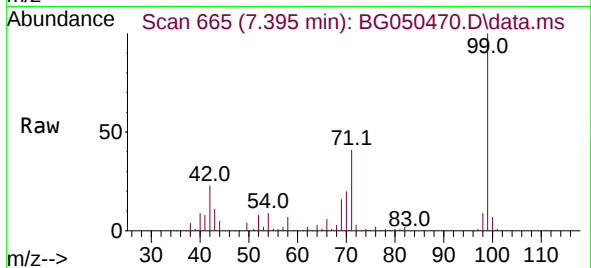




#7
Phenol-d6
Concen: 122.469 ng
RT: 7.395 min Scan# 665
Delta R.T. 0.001 min
Lab File: BG050470.D
Acq: 6 Oct 2021 16:24

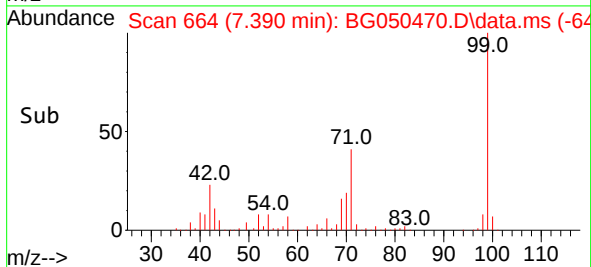
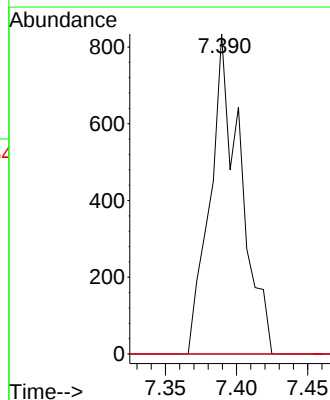
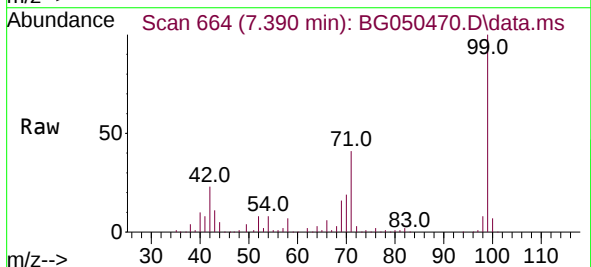
Instrument :
BNA_G
ClientSampled :
PB139663BL

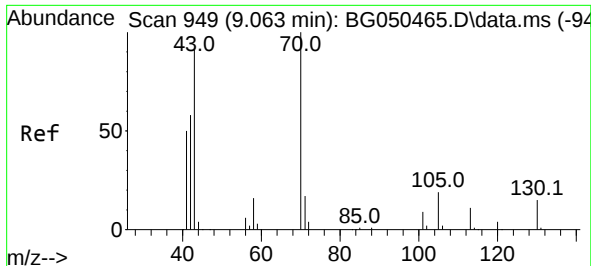
Tgt Ion: 99 Resp: 554963
Ion Ratio Lower Upper
99 100
42 22.5 20.5 30.7
71 41.1 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.390 min Scan# 664
Delta R.T. -0.004 min
Lab File: BG050470.D
Acq: 6 Oct 2021 16:24

Tgt Ion: 77 Resp: 1243
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

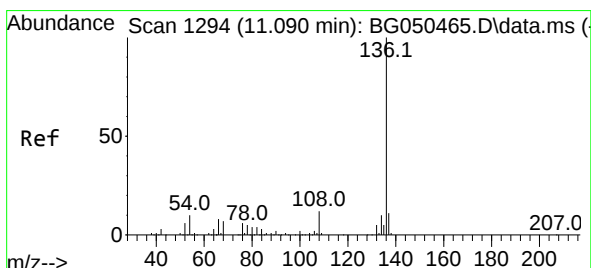
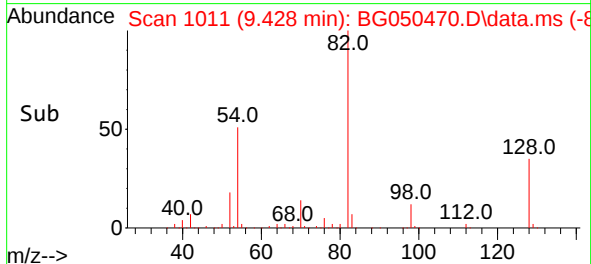
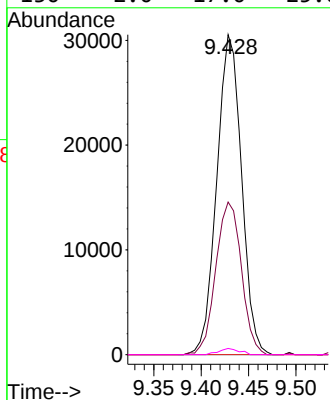
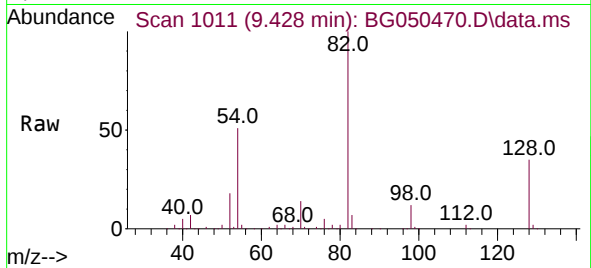




#19
n-Nitroso-di-n-propylamine
Concen: 16.793 ng
RT: 9.428 min Scan# 1011
Delta R.T. 0.366 min
Lab File: BG050470.D
Acq: 6 Oct 2021 16:24

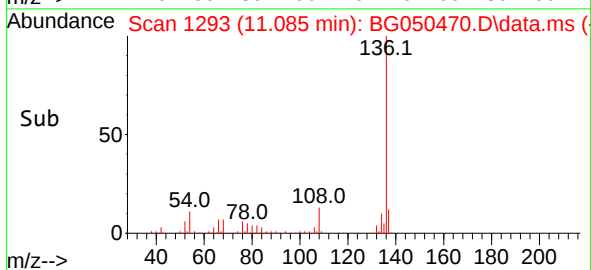
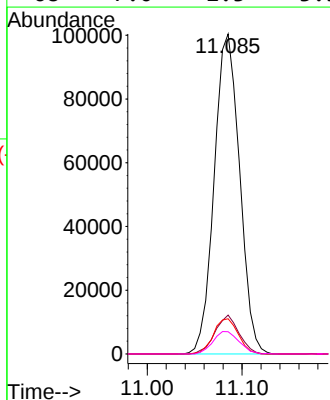
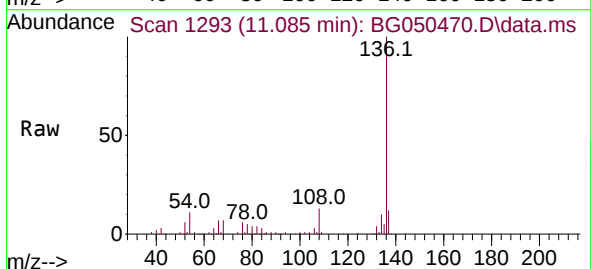
Instrument :
BNA_G
ClientSampleId :
PB139663BL

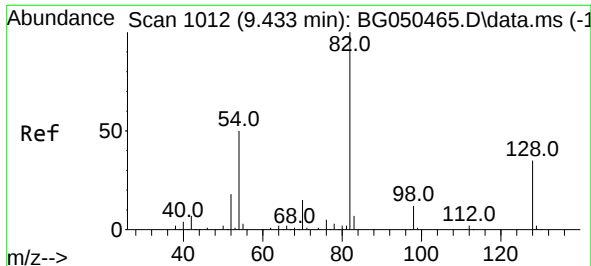
Tgt Ion: 70 Resp: 55465
Ion Ratio Lower Upper
70 100
42 47.7 54.5 81.7#
101 0.0 9.0 13.6#
130 2.0 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.085 min Scan# 1293
Delta R.T. -0.004 min
Lab File: BG050470.D
Acq: 6 Oct 2021 16:24

Tgt Ion:136 Resp: 186916
Ion Ratio Lower Upper
136 100
137 12.1 8.2 12.2
54 11.0 5.5 8.3#
68 7.0 2.3 3.5#

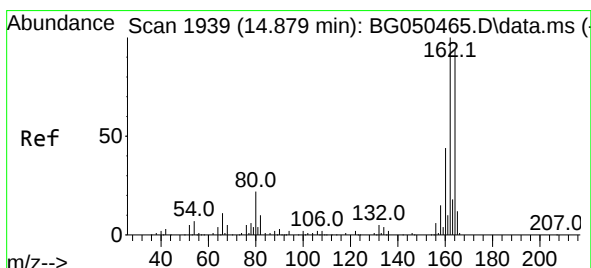
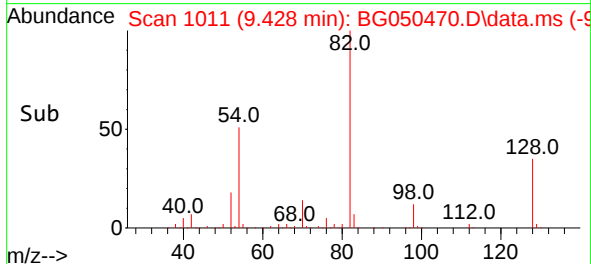
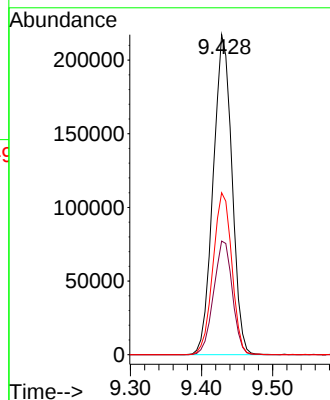
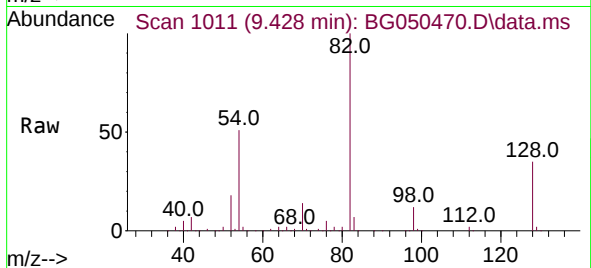




#23
Nitrobenzene-d5
Concen: 88.135 ng
RT: 9.428 min Scan# 1011
Delta R.T. -0.004 min
Lab File: BG050470.D
Acq: 6 Oct 2021 16:24

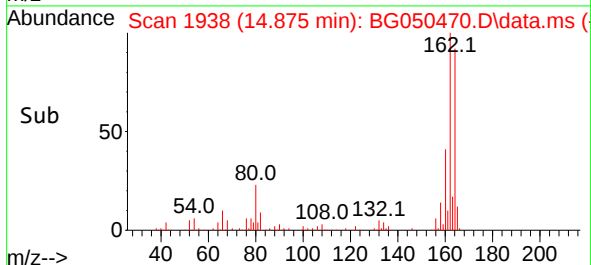
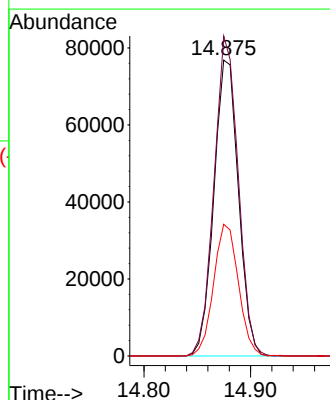
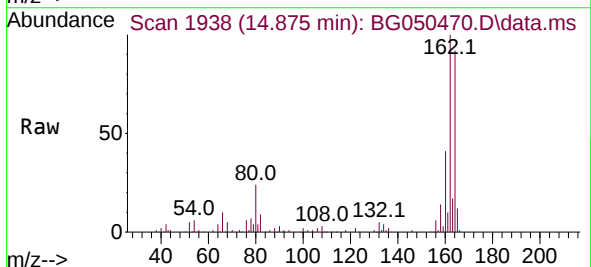
Instrument :
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ClientSampleId :
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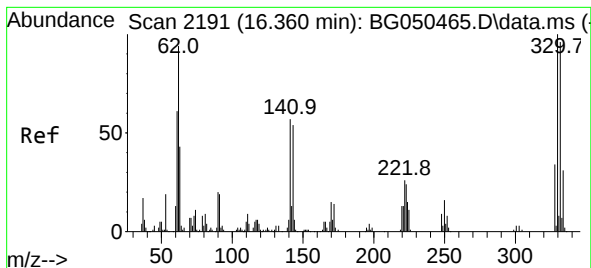
Tgt Ion: 82 Resp: 397961
Ion Ratio Lower Upper
82 100
128 35.5 29.8 44.6
54 50.6 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.875 min Scan# 1938
Delta R.T. -0.004 min
Lab File: BG050470.D
Acq: 6 Oct 2021 16:24

Tgt Ion: 164 Resp: 122951
Ion Ratio Lower Upper
164 100
162 108.2 81.4 122.0
160 44.5 34.9 52.3

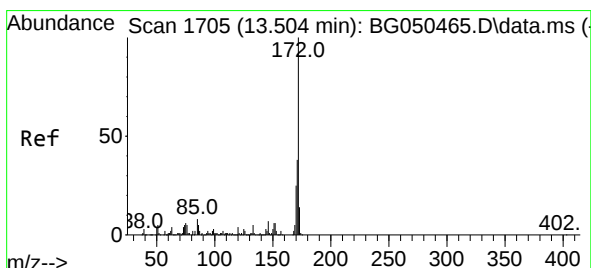
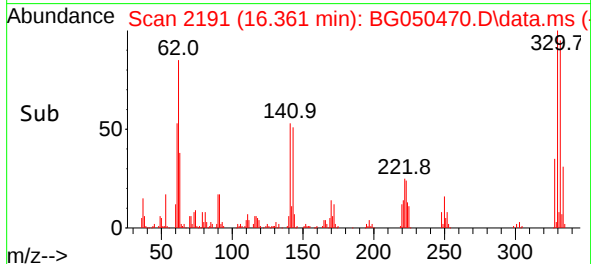
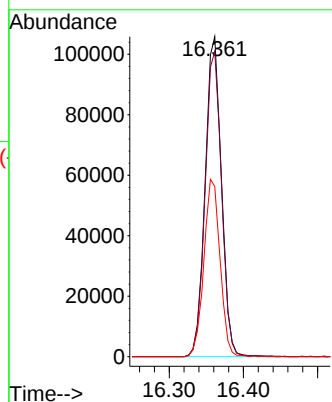
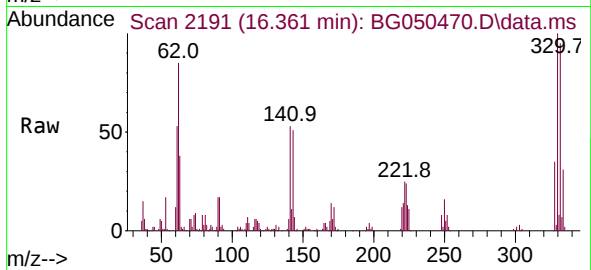




#42
2,4,6-Tribromophenol
Concen: 138.143 ng
RT: 16.361 min Scan# 2191
Delta R.T. 0.001 min
Lab File: BG050470.D
Acq: 6 Oct 2021 16:24

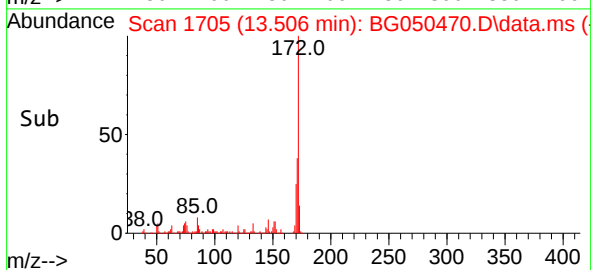
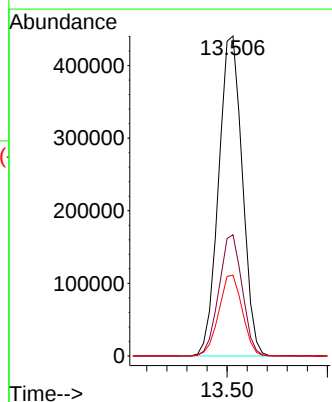
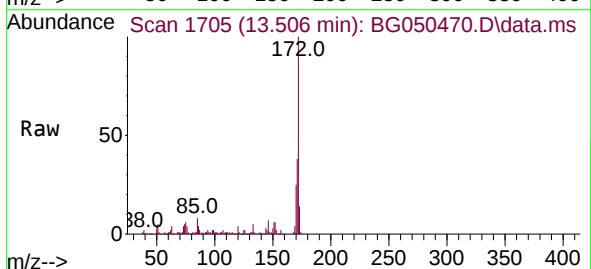
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ClientSampleId :
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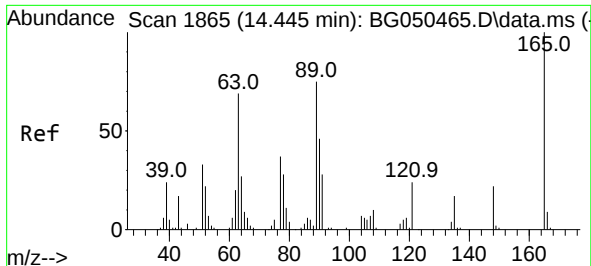
Tgt Ion:330 Resp: 162005
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 54.9 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 88.402 ng
RT: 13.506 min Scan# 1705
Delta R.T. 0.001 min
Lab File: BG050470.D
Acq: 6 Oct 2021 16:24

Tgt Ion:172 Resp: 722183
Ion Ratio Lower Upper
172 100
171 37.9 28.6 43.0
170 25.2 18.6 27.8

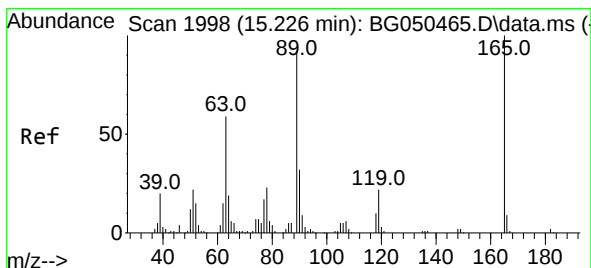
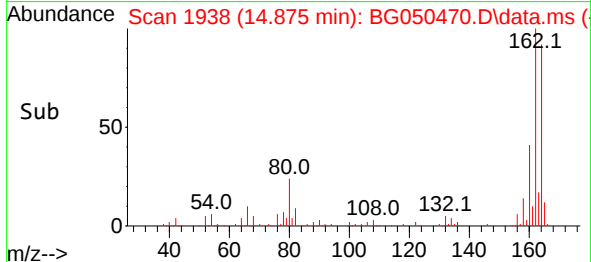
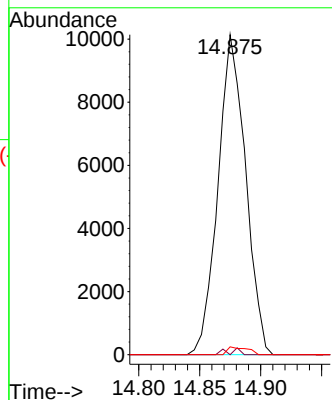
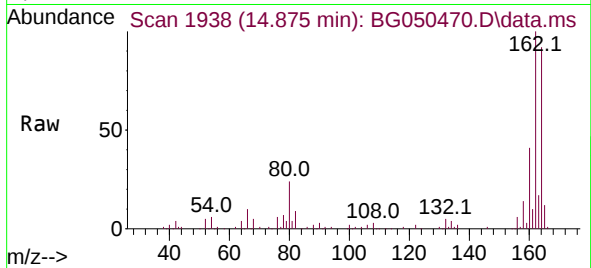




#51
2,6-Dinitrotoluene
Concen: 8.590 ng
RT: 14.875 min Scan# 1938
Delta R.T. 0.430 min
Lab File: BG050470.D
Acq: 6 Oct 2021 16:24

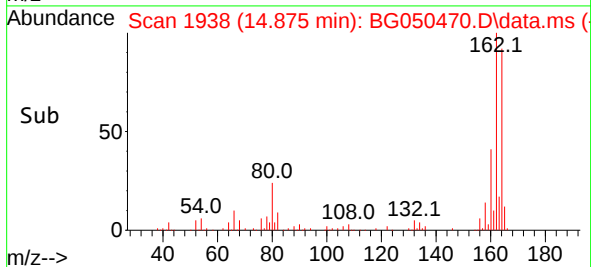
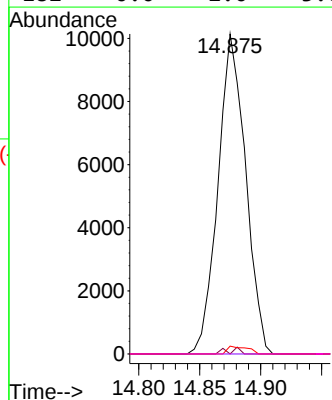
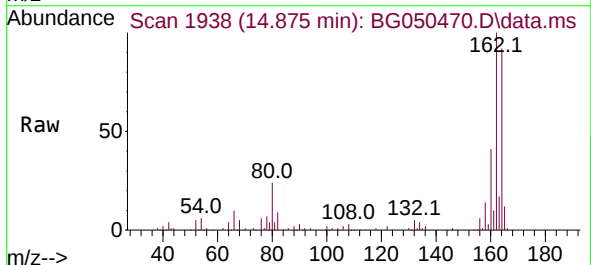
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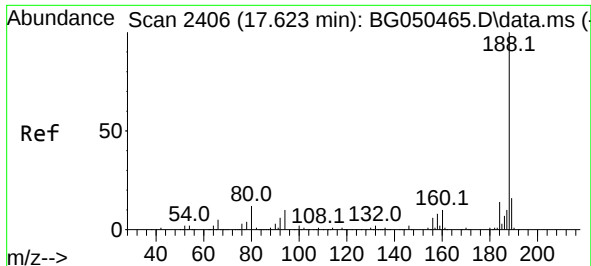
Tgt Ion:165 Resp: 15990
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 2.5 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.094 ng
RT: 14.875 min Scan# 1938
Delta R.T. -0.351 min
Lab File: BG050470.D
Acq: 6 Oct 2021 16:24

Tgt Ion:165 Resp: 15990
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 2.5 65.4 98.0#
182 0.0 2.0 3.0#

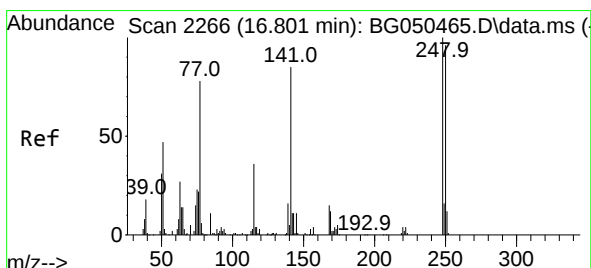
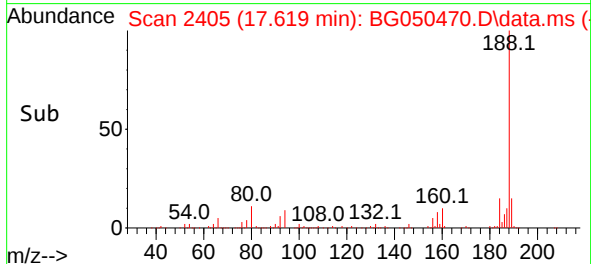
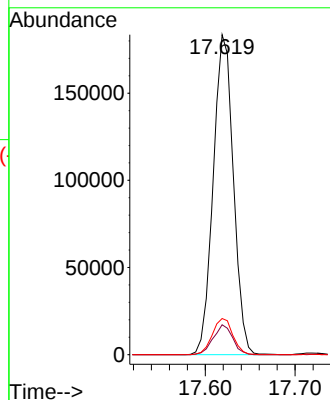
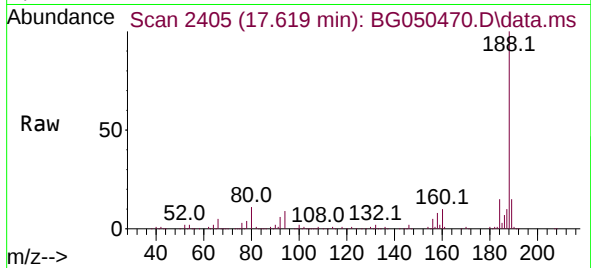




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.619 min Scan# 2405
Delta R.T. -0.004 min
Lab File: BG050470.D
Acq: 6 Oct 2021 16:24

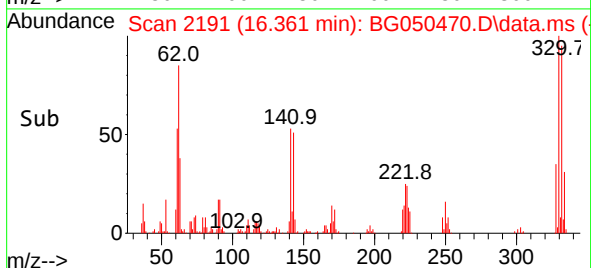
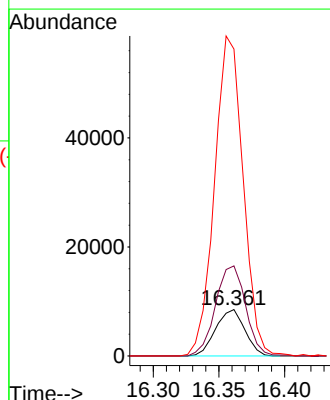
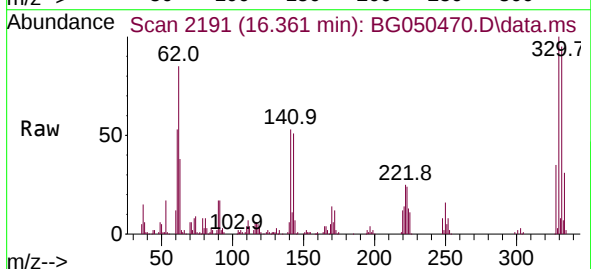
Instrument :
BNA_G
ClientSampleId :
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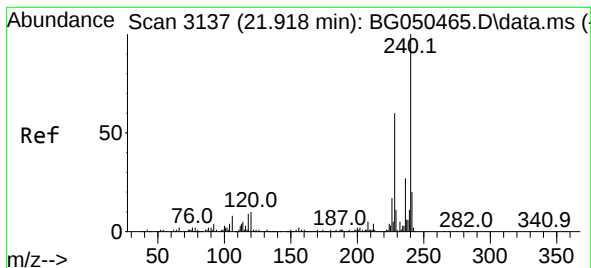
Tgt Ion:188 Resp: 286260
Ion Ratio Lower Upper
188 100
94 9.3 5.4 8.0#
80 11.3 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 4.561 ng
RT: 16.361 min Scan# 2191
Delta R.T. -0.439 min
Lab File: BG050470.D
Acq: 6 Oct 2021 16:24

Tgt Ion:248 Resp: 13158
Ion Ratio Lower Upper
248 100
250 193.9 76.1 114.1#
141 660.7 65.4 98.2#

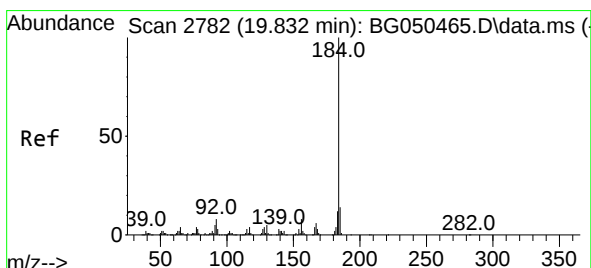
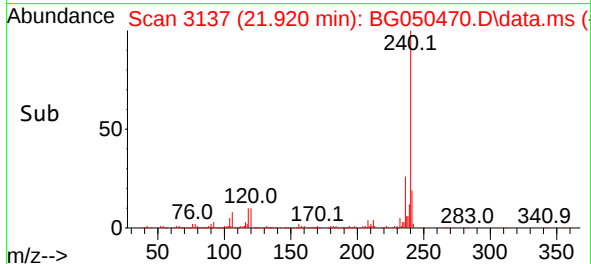
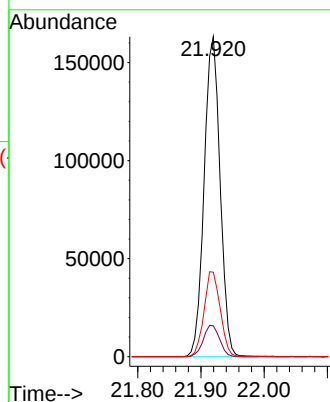
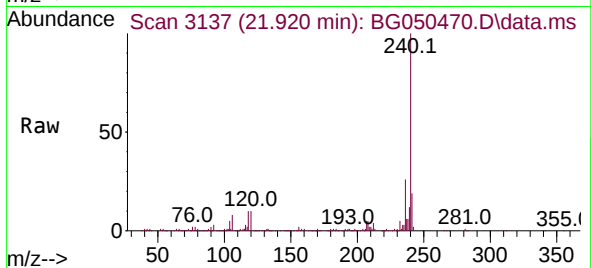




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.920 min Scan# 3137
Delta R.T. 0.001 min
Lab File: BG050470.D
Acq: 6 Oct 2021 16:24

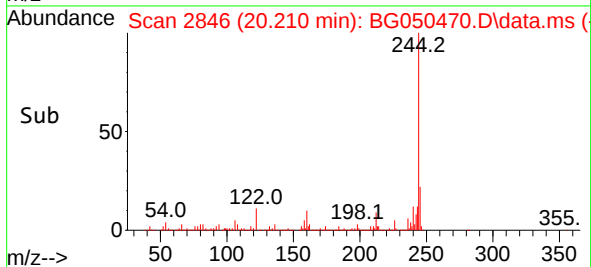
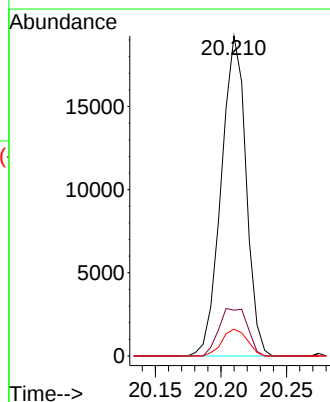
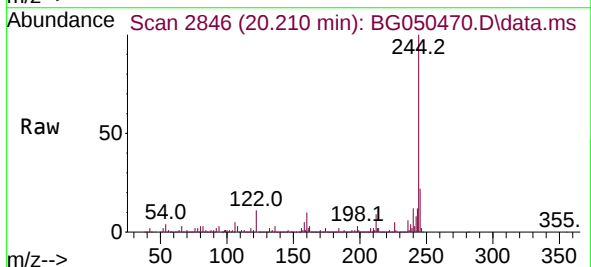
Instrument :
BNA_G
ClientSampleId :
PB139663BL

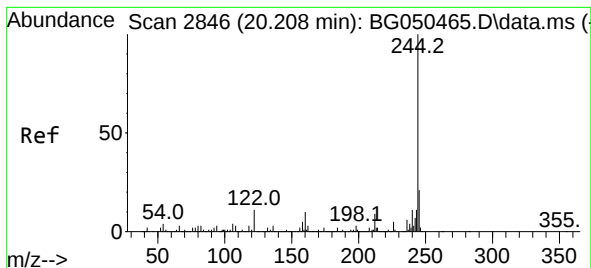
Tgt Ion:240 Resp: 286441
Ion Ratio Lower Upper
240 100
120 9.7 4.2 6.2#
236 26.4 21.8 32.6



#77
Benzidine
Concen: 2.725 ng
RT: 20.210 min Scan# 2846
Delta R.T. 0.377 min
Lab File: BG050470.D
Acq: 6 Oct 2021 16:24

Tgt Ion:184 Resp: 25294
Ion Ratio Lower Upper
184 100
185 14.3 10.7 16.1
183 8.4 9.4 14.0#





#79

Terphenyl-d14

Concen: 83.819 ng

RT: 20.210 min Scan# 2846

Delta R.T. 0.001 min

Lab File: BG050470.D

Acq: 6 Oct 2021 16:24

Instrument :

BNA_G

ClientSampleId :

PB139663BL

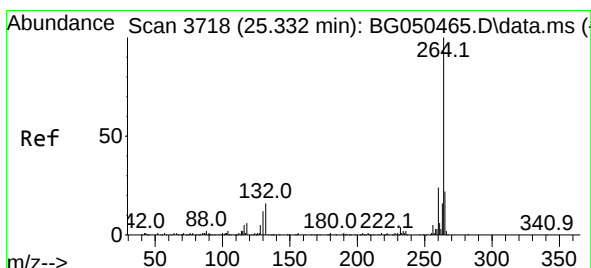
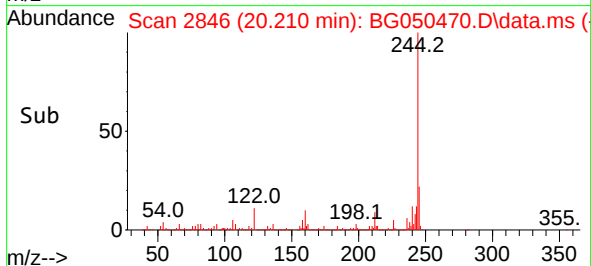
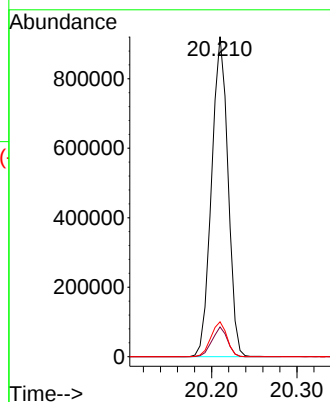
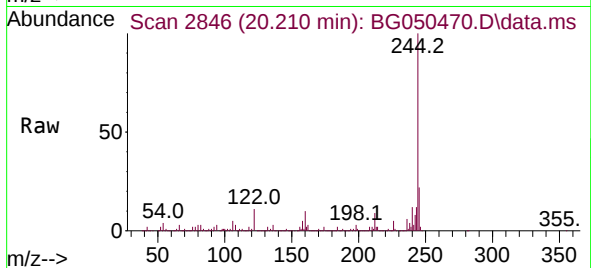
Tgt Ion:244 Resp: 1231986

Ion Ratio Lower Upper

244 100

212 9.3 6.9 10.3

122 10.9 5.0 7.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.327 min Scan# 3717

Delta R.T. -0.004 min

Lab File: BG050470.D

Acq: 6 Oct 2021 16:24

Tgt Ion:264 Resp: 280486

Ion Ratio Lower Upper

264 100

260 26.4 19.4 29.2

265 20.7 16.9 25.3

