

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111120\
 Data File : BG047284.D
 Acq On : 11 Nov 2020 14:36
 Operator : CG/JU
 Sample : PB132841BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB132841BL

Quant Time: Nov 11 15:17:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG110420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 04 16:19:40 2020
 Response via : Initial Calibration

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

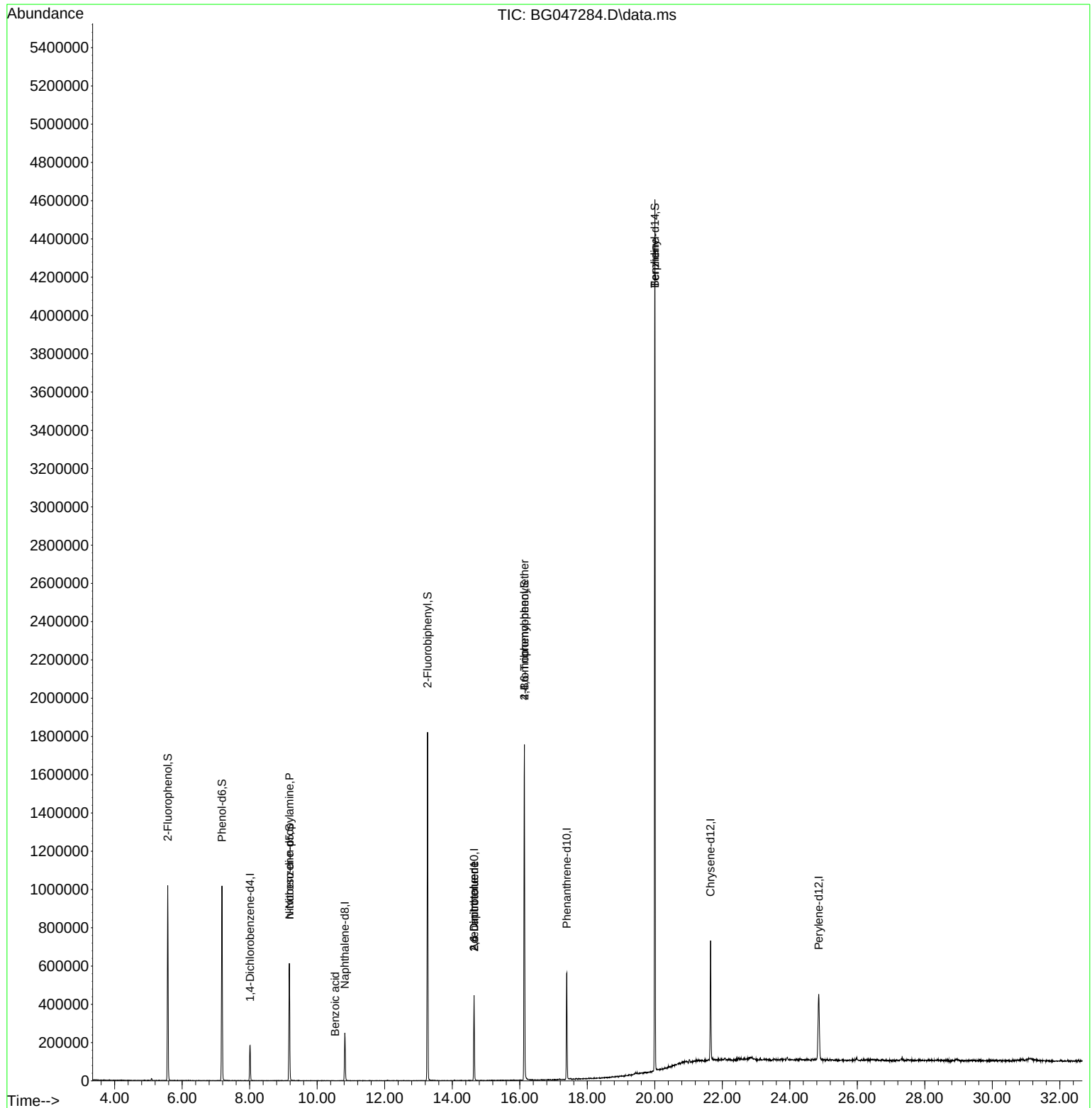
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.006	152	48880	20.00	ng	0.00
21) Naphthalene-d8	10.820	136	209594	20.00	ng	0.00
39) Acenaphthene-d10	14.645	164	150805	20.00	ng	0.00
64) Phenanthrene-d10	17.395	188	365337	20.00	ng	# 0.00
76) Chrysene-d12	21.655	240	392552	20.00	ng	# 0.00
86) Perylene-d12	24.857	264	381223	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.574	112	395179	131.05	ng	0.01
7) Phenol-d6	7.178	99	541596	124.07	ng	0.02
23) Nitrobenzene-d5	9.175	82	362464	74.22	ng	0.00
42) 2,4,6-Tribromophenol	16.138	330	352566	139.61	ng	0.00
45) 2-Fluorobiphenyl	13.271	172	922386	78.45	ng	0.00
79) Terphenyl-d14	20.004	244	1907484	85.45	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.175	70	52136	18.18	ng	# 79
32) Benzoic acid	10.533	122	54	4.77	ng	# 1
51) 2,6-Dinitrotoluene	14.645	165	20344	7.36	ng	# 34
57) 2,4-Dinitrotoluene	14.645	165	20344	5.04	ng	# 33
67) 4-Bromophenyl-phenylether	16.138	248	23694	4.64	ng	# 1
77) Benzidine	20.004	184	34845	2.65	ng	# 95

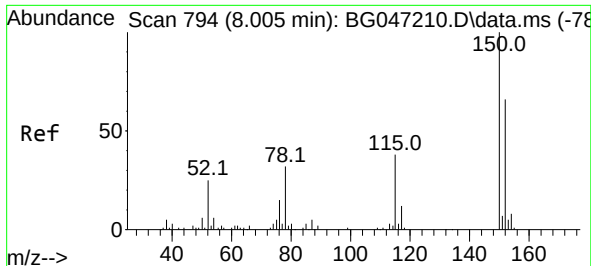
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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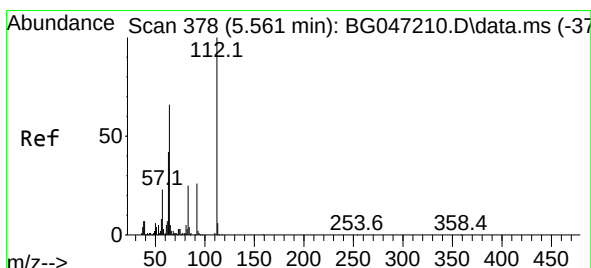
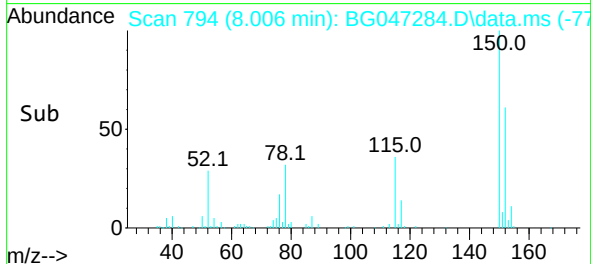
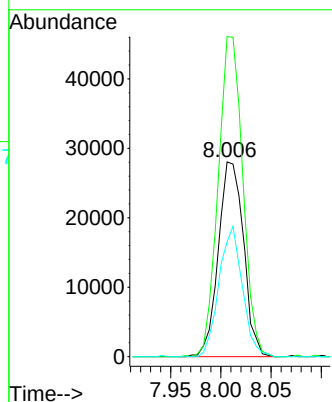
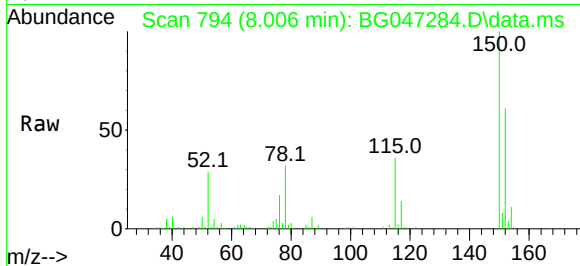




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.006 min Scan# 794
Delta R.T. 0.001 min
Lab File: BG047284.D
Acq: 11 Nov 2020 14:36

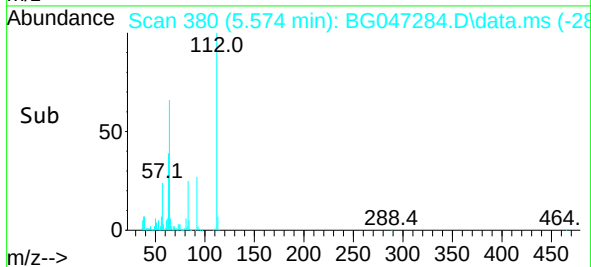
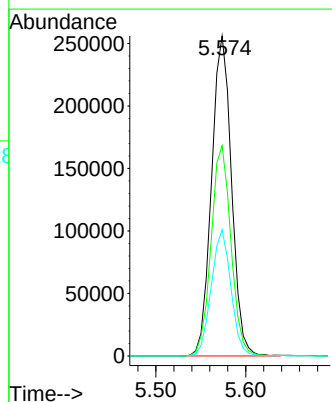
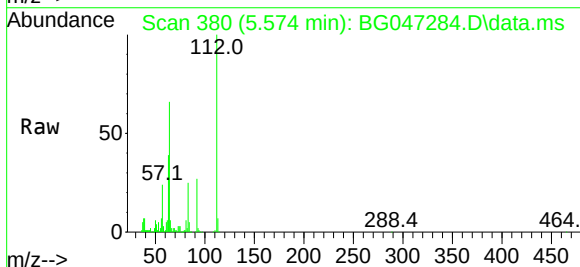
Instrument :
BNA_G
ClientSampleId :
PB132841BL

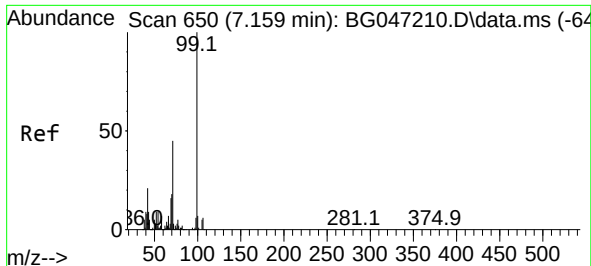
Tgt Ion:152 Resp: 48880
Ion Ratio Lower Upper
152 100
150 164.3 125.0 187.6
115 59.0 41.8 62.6



#5
2-Fluorophenol
Concen: 131.05 ng
RT: 5.574 min Scan# 380
Delta R.T. 0.013 min
Lab File: BG047284.D
Acq: 11 Nov 2020 14:36

Tgt Ion:112 Resp: 395179
Ion Ratio Lower Upper
112 100
64 65.8 46.7 70.1
63 39.4 22.8 34.2#

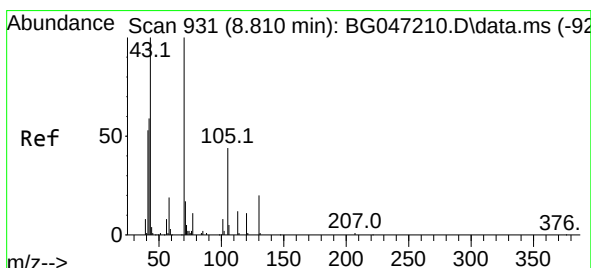
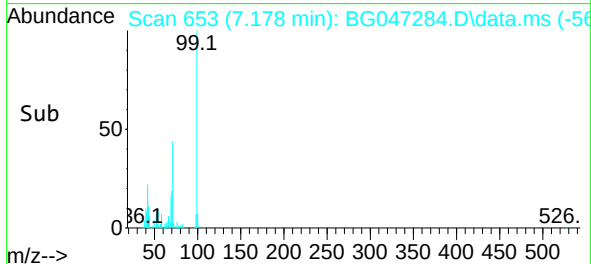
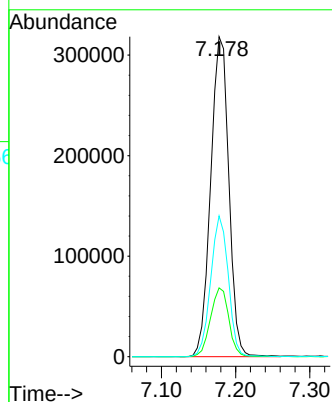
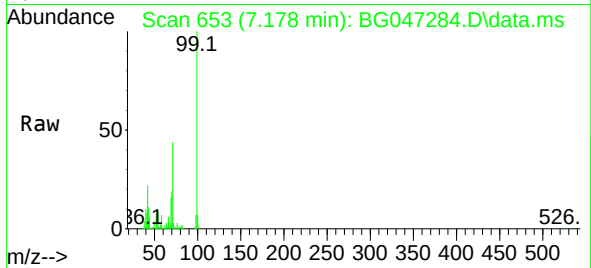




#7
Phenol-d6
Concen: 124.07 ng
RT: 7.178 min Scan# 653
Delta R.T. 0.019 min
Lab File: BG047284.D
Acq: 11 Nov 2020 14:36

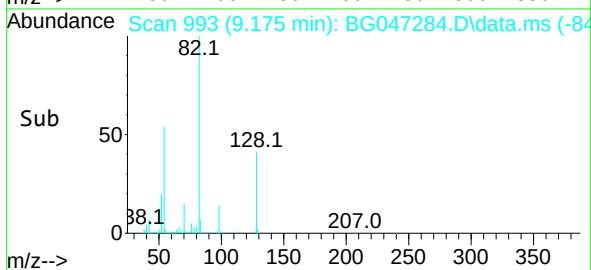
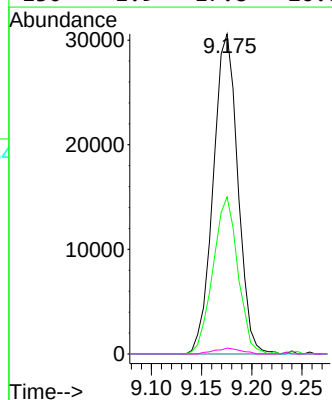
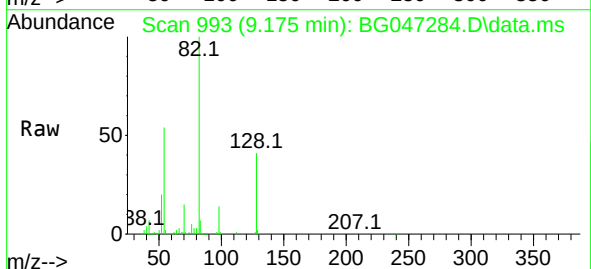
Instrument :
BNA_G
ClientSampleId :
PB132841BL

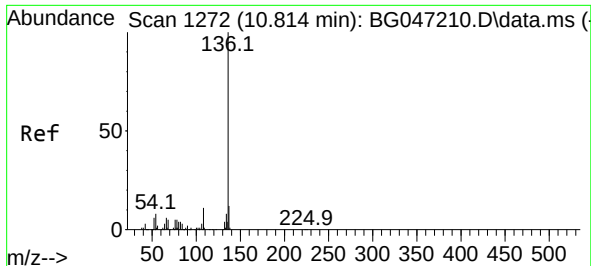
Tgt Ion: 99 Resp: 541596
Ion Ratio Lower Upper
99 100
42 21.5 12.8 19.2#
71 44.0 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 18.18 ng
RT: 9.175 min Scan# 993
Delta R.T. 0.365 min
Lab File: BG047284.D
Acq: 11 Nov 2020 14:36

Tgt Ion: 70 Resp: 52136
Ion Ratio Lower Upper
70 100
42 49.1 45.6 68.4
101 0.0 8.4 12.6#
130 1.9 17.8 26.8#

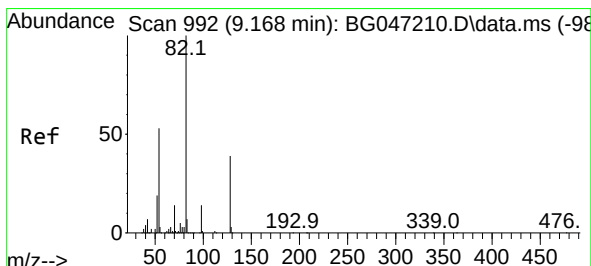
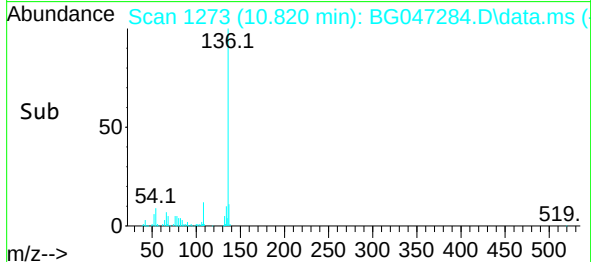
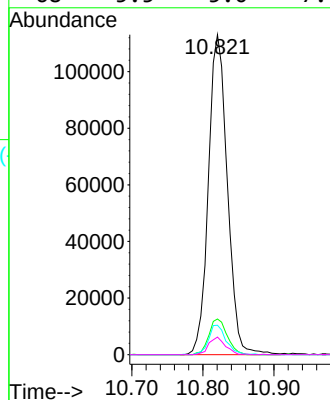
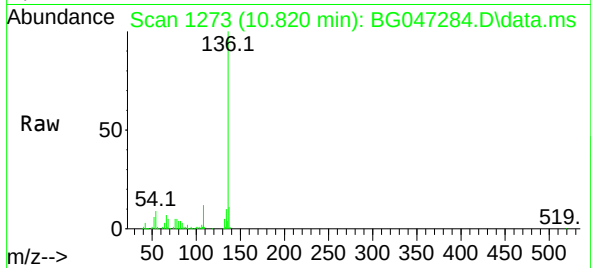




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.820 min Scan# 1273
Delta R.T. 0.006 min
Lab File: BG047284.D
Acq: 11 Nov 2020 14:36

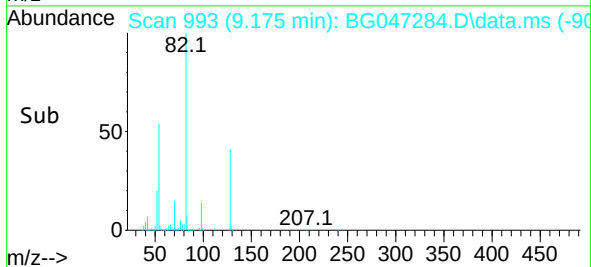
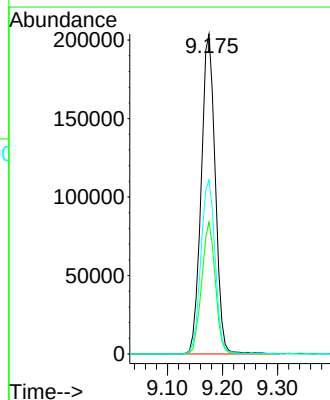
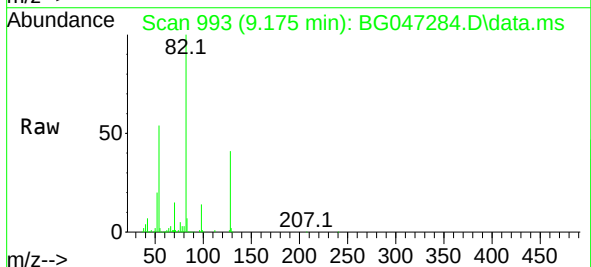
Instrument :
BNA_G
ClientSampleId :
PB132841BL

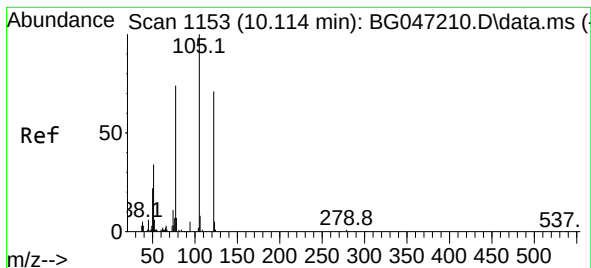
Tgt Ion:	136	Resp:	209594
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.1	13.7
54	9.2	6.2	9.4
68	5.5	5.0	7.4



#23
Nitrobenzene-d5
Concen: 74.22 ng
RT: 9.175 min Scan# 993
Delta R.T. 0.007 min
Lab File: BG047284.D
Acq: 11 Nov 2020 14:36

Tgt Ion:	82	Resp:	362464
Ion Ratio	Lower	Upper	
82	100		
128	41.2	37.0	55.6
54	54.4	39.0	58.4

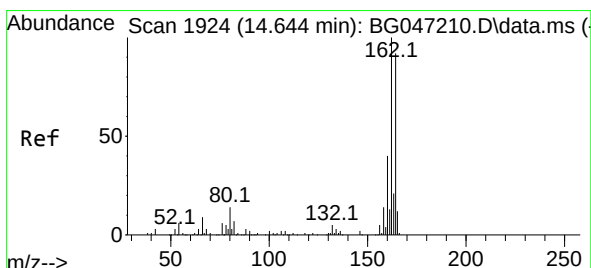
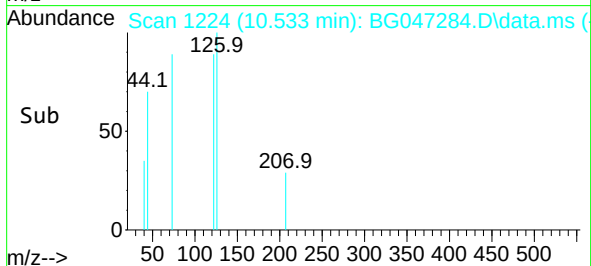
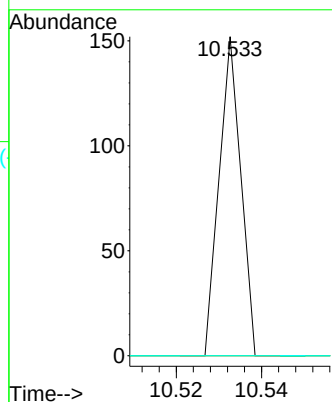
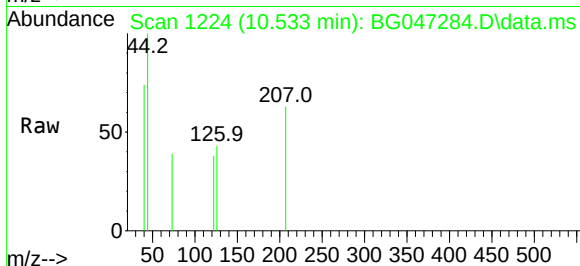




#32
Benzoic acid
Concen: 4.77 ng
RT: 10.533 min Scan# 1224
Delta R.T. 0.419 min
Lab File: BG047284.D
Acq: 11 Nov 2020 14:36

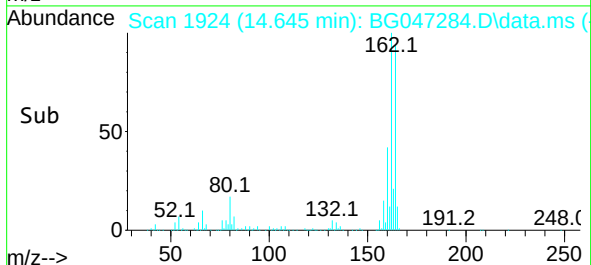
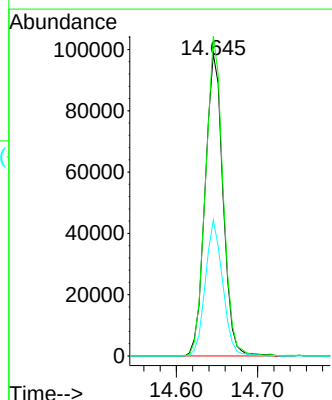
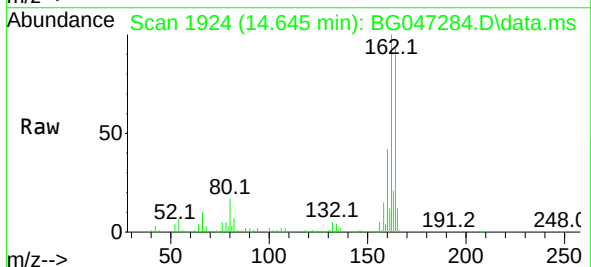
Instrument :
BNA_G
ClientSampleId :
PB132841BL

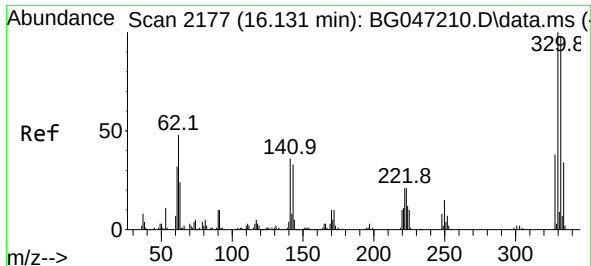
Tgt Ion:122 Resp: 54
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 0.0 63.0 103.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.645 min Scan# 1924
Delta R.T. 0.001 min
Lab File: BG047284.D
Acq: 11 Nov 2020 14:36

Tgt Ion:164 Resp: 150805
Ion Ratio Lower Upper
164 100
162 106.0 82.3 123.5
160 45.0 35.3 52.9

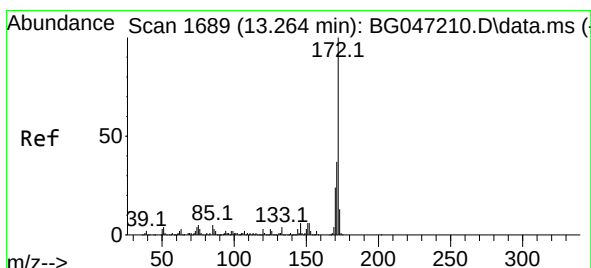
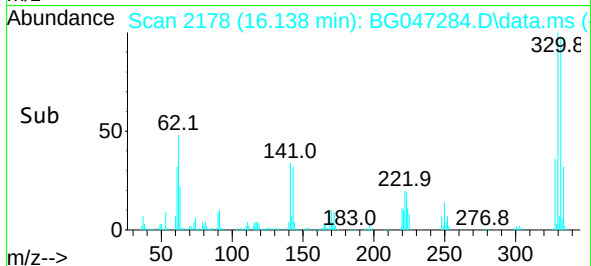
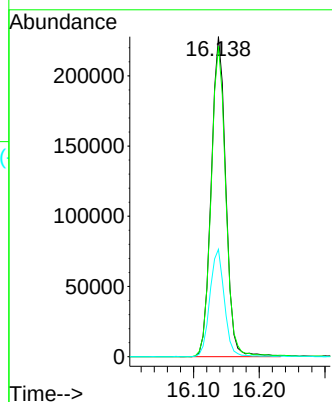
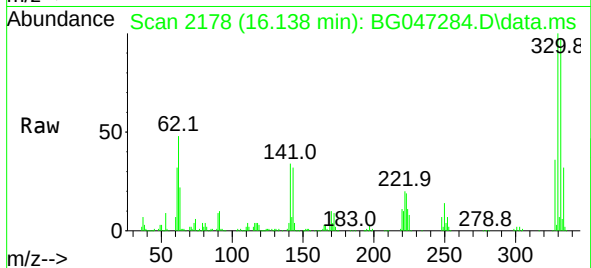




#42
2,4,6-Tribromophenol
Concen: 139.61 ng
RT: 16.138 min Scan# 2178
Delta R.T. 0.007 min
Lab File: BG047284.D
Acq: 11 Nov 2020 14:36

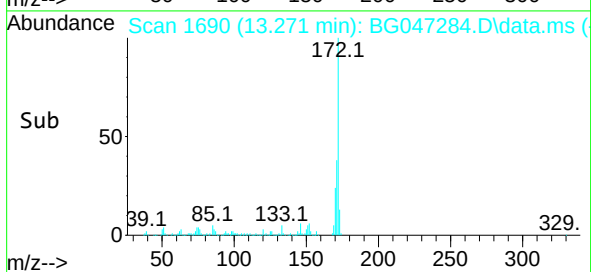
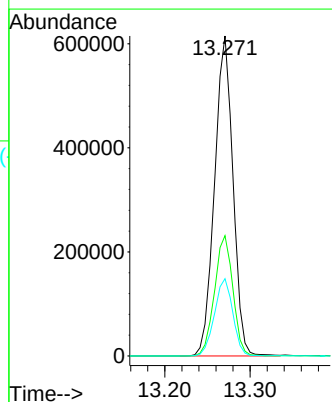
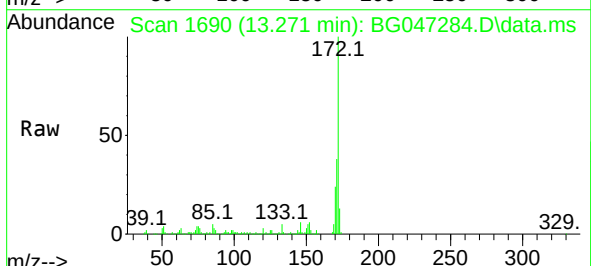
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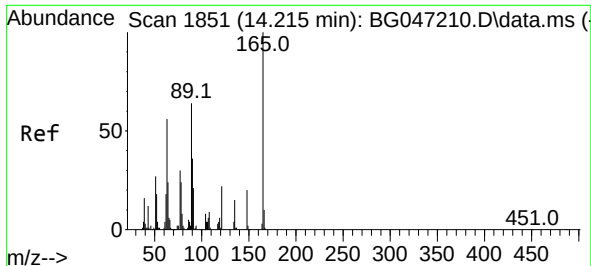
Tgt Ion:330 Resp: 352566
Ion Ratio Lower Upper
330 100
332 98.0 76.5 114.7
141 33.4 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 78.45 ng
RT: 13.271 min Scan# 1690
Delta R.T. 0.007 min
Lab File: BG047284.D
Acq: 11 Nov 2020 14:36

Tgt Ion:172 Resp: 922386
Ion Ratio Lower Upper
172 100
171 37.6 31.3 46.9
170 24.2 20.8 31.2

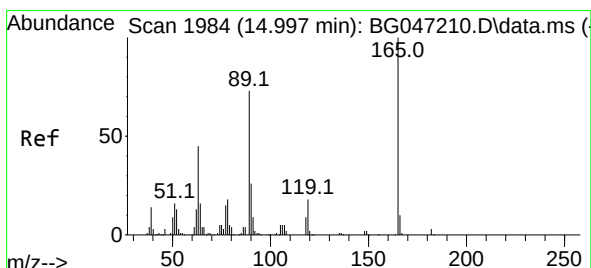
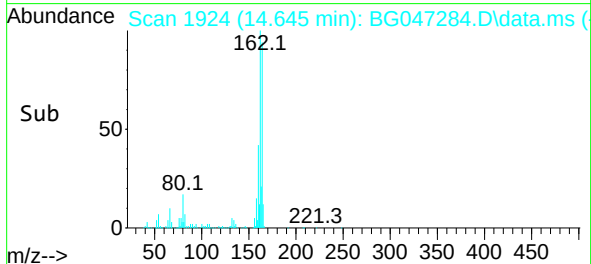
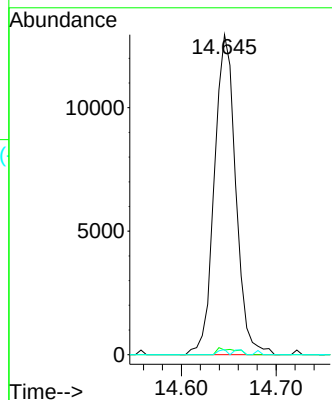
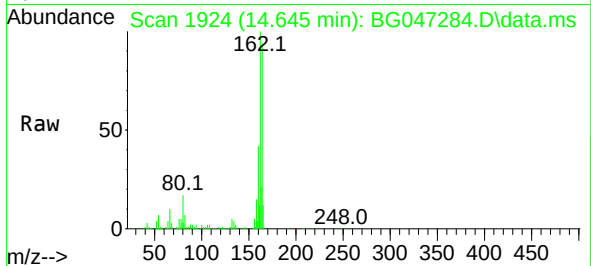




#51
2,6-Dinitrotoluene
Concen: 7.36 ng
RT: 14.645 min Scan# 1924
Delta R.T. 0.430 min
Lab File: BG047284.D
Acq: 11 Nov 2020 14:36

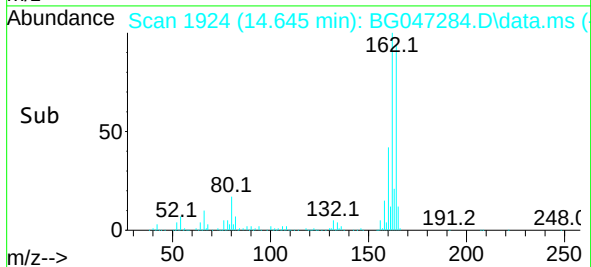
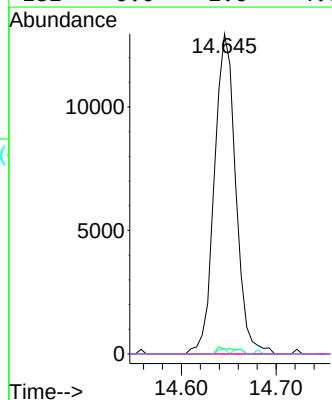
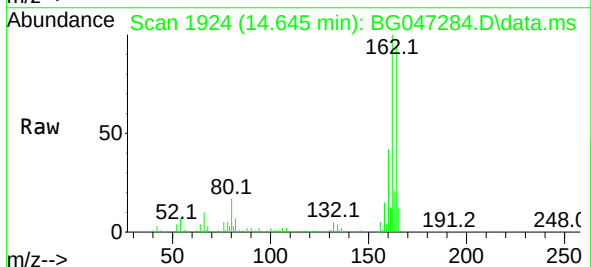
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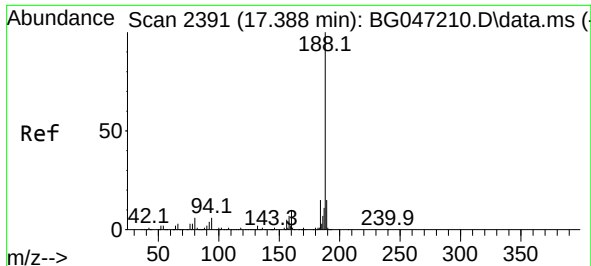
Tgt Ion:165 Resp: 20344
Ion Ratio Lower Upper
165 100
63 1.5 33.7 50.5#
89 1.6 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 5.04 ng
RT: 14.645 min Scan# 1924
Delta R.T. -0.351 min
Lab File: BG047284.D
Acq: 11 Nov 2020 14:36

Tgt Ion:165 Resp: 20344
Ion Ratio Lower Upper
165 100
63 1.5 26.4 39.6#
89 1.6 47.8 71.8#
182 0.0 2.6 4.0#

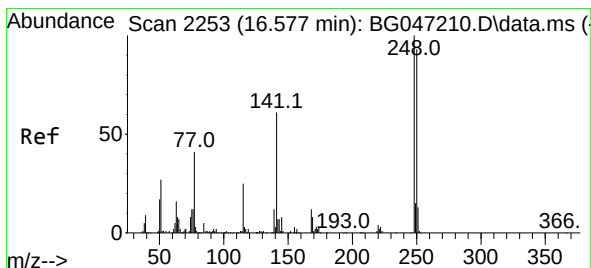
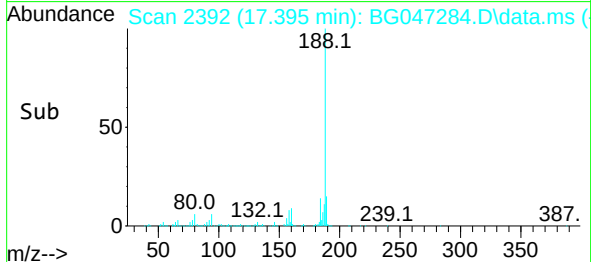
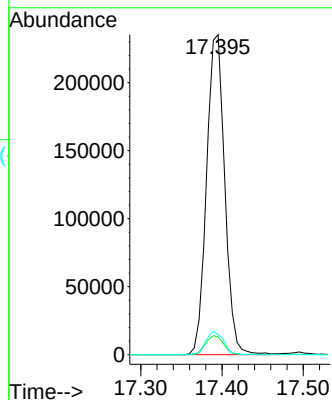
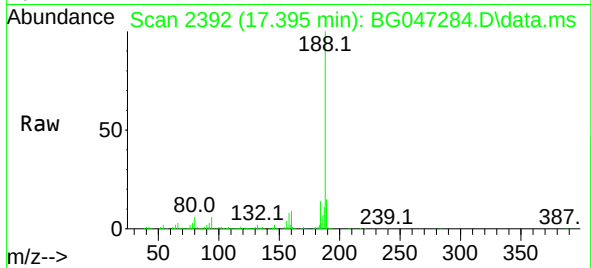




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.395 min Scan# 2392
Delta R.T. 0.007 min
Lab File: BG047284.D
Acq: 11 Nov 2020 14:36

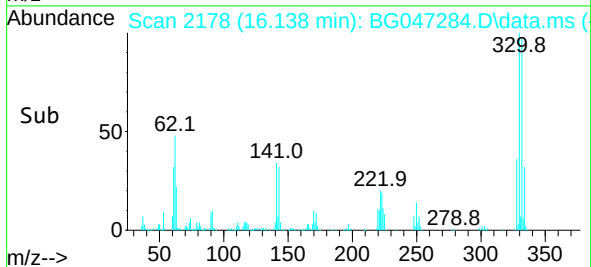
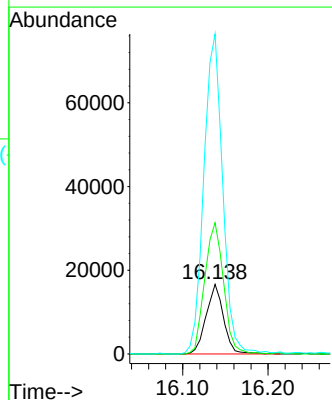
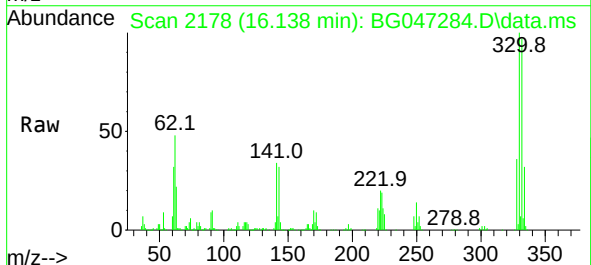
Instrument :
BNA_G
ClientSampleId :
PB132841BL

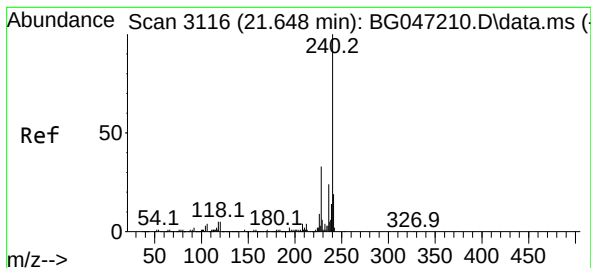
Tgt Ion:188 Resp: 365337
Ion Ratio Lower Upper
188 100
94 5.6 6.3 9.5#
80 6.3 7.0 10.6#



#67
4-Bromophenyl-phenylether
Concen: 4.64 ng
RT: 16.138 min Scan# 2178
Delta R.T. -0.440 min
Lab File: BG047284.D
Acq: 11 Nov 2020 14:36

Tgt Ion:248 Resp: 23694
Ion Ratio Lower Upper
248 100
250 188.2 78.9 118.3#
141 459.2 46.2 69.4#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.655 min Scan# 3117

Delta R.T. 0.007 min

Lab File: BG047284.D

Acq: 11 Nov 2020 14:36

Tgt Ion:240 Resp: 392552

Ion Ratio Lower Upper

240 100

120 4.7 6.2 9.4#

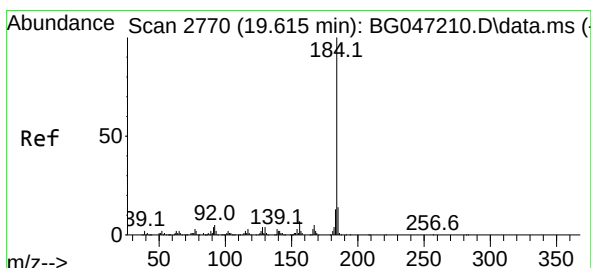
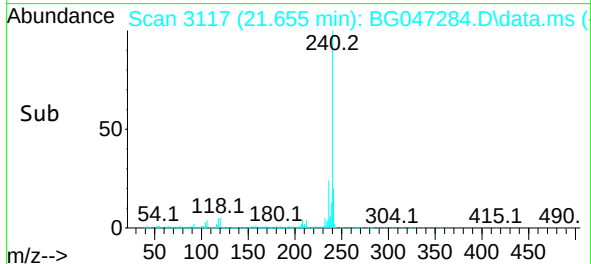
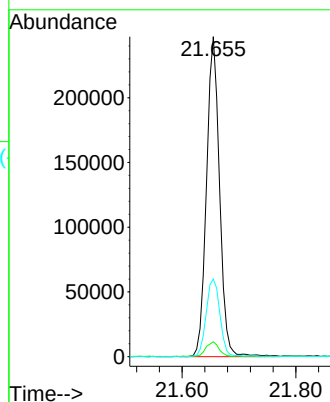
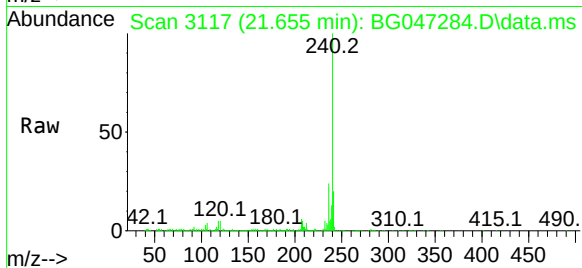
236 24.3 20.5 30.7

Instrument :

BNA_G

ClientSampleId :

PB132841BL



#77

Benzidine

Concen: 2.65 ng

RT: 20.004 min Scan# 2836

Delta R.T. 0.389 min

Lab File: BG047284.D

Acq: 11 Nov 2020 14:36

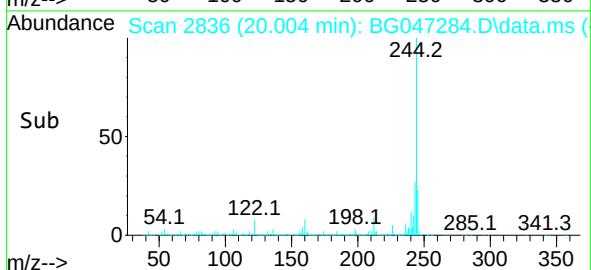
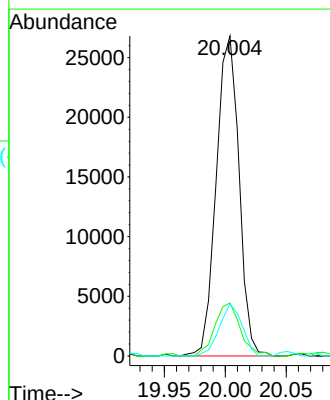
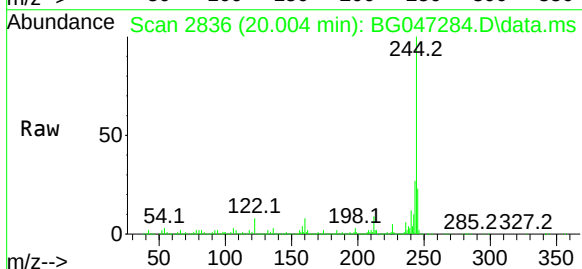
Tgt Ion:184 Resp: 34845

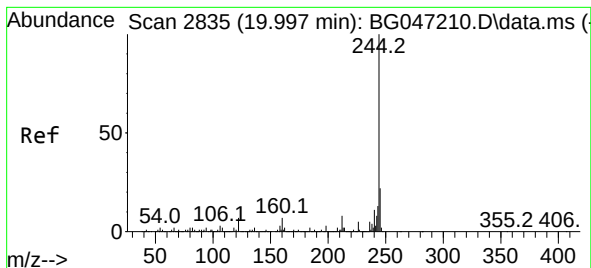
Ion Ratio Lower Upper

184 100

185 16.5 12.4 18.6

183 16.3 10.6 15.8#





#79

Terphenyl-d14

Concen: 85.45 ng

RT: 20.004 min Scan# 2836

Delta R.T. 0.007 min

Lab File: BG047284.D

Acq: 11 Nov 2020 14:36

Instrument :

BNA_G

ClientSampleId :

PB132841BL

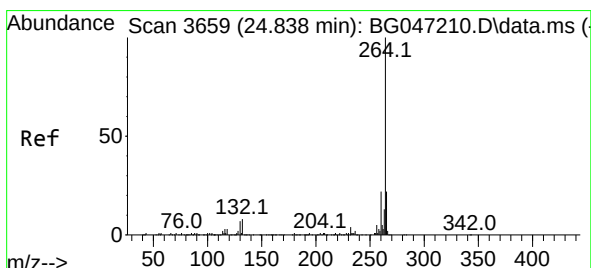
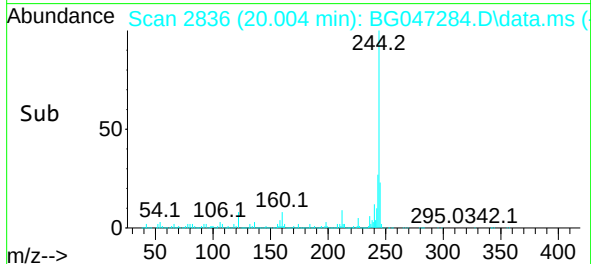
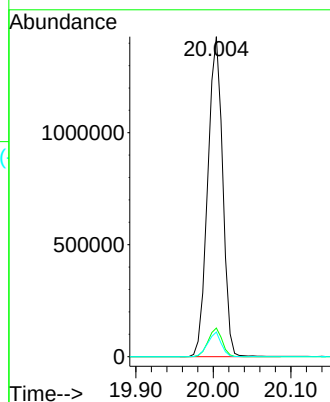
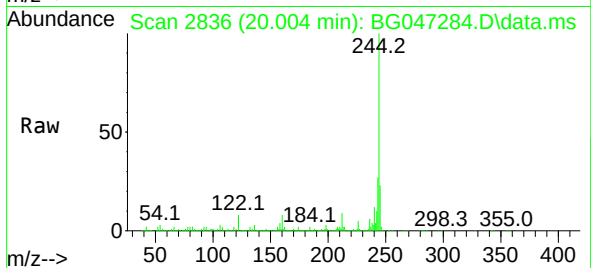
Tgt Ion:244 Resp: 1907484

Ion Ratio Lower Upper

244 100

212 9.0 6.7 10.1

122 7.7 7.8 11.6#



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.857 min Scan# 3662

Delta R.T. 0.019 min

Lab File: BG047284.D

Acq: 11 Nov 2020 14:36

Tgt Ion:264 Resp: 381223

Ion Ratio Lower Upper

264 100

260 24.6 18.8 28.2

265 22.2 17.8 26.8

