

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111120\
 Data File : BG047272.D
 Acq On : 10 Nov 2020 17:01
 Operator : CG/JU
 Sample : PB132914BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB132914BL

Quant Time: Nov 10 17:40:19 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)

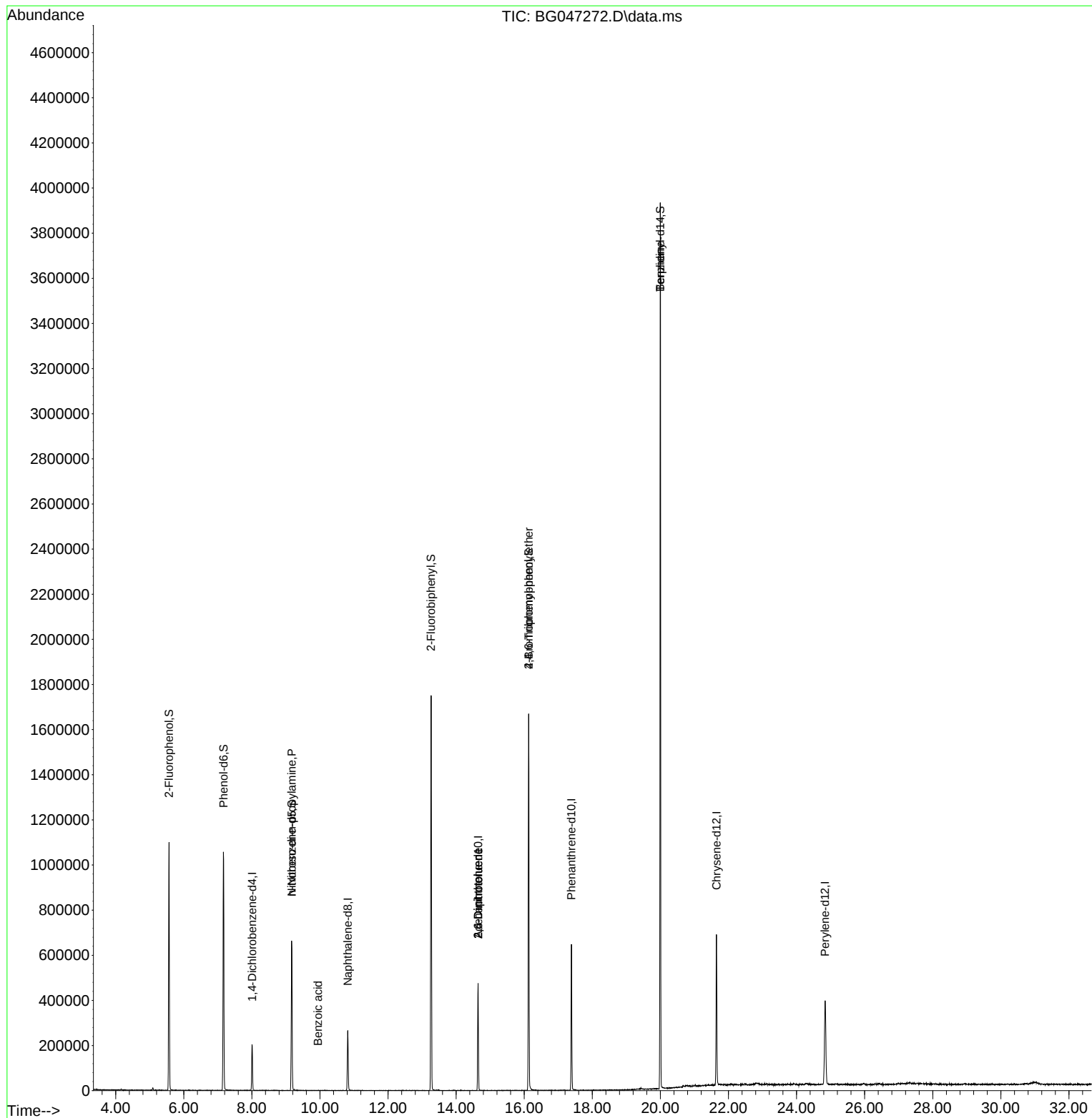
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.009	152	56562	20.00	ng	0.00
21) Naphthalene-d8	10.818	136	223637	20.00	ng	0.00
39) Acenaphthene-d10	14.643	164	167583	20.00	ng	0.00
64) Phenanthrene-d10	17.386	188	408690	20.00	ng	# 0.00
76) Chrysene-d12	21.646	240	419759	20.00	ng	# 0.00
86) Perylene-d12	24.837	264	417403	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.565	112	430232	123.29	ng	0.00
7) Phenol-d6	7.163	99	577491	114.33	ng	0.00
23) Nitrobenzene-d5	9.167	82	390204	74.88	ng	0.00
42) 2,4,6-Tribromophenol	16.129	330	329756	117.51	ng	0.00
45) 2-Fluorobiphenyl	13.262	172	954372	73.04	ng	0.00
79) Terphenyl-d14	19.995	244	1703204	71.35	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.167	70	56386	16.99	ng	# 86
32) Benzoic acid	9.942	122	54	4.76	ng	# 1
51) 2,6-Dinitrotoluene	14.643	165	20621	6.72	ng	# 33
57) 2,4-Dinitrotoluene	14.643	165	20621	4.60	ng	# 31
67) 4-Bromophenyl-phenylether	16.129	248	23112	4.05	ng	# 1
77) Benzidine	19.995	184	28956	2.06	ng	96

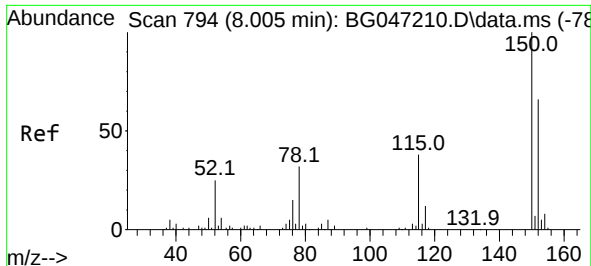
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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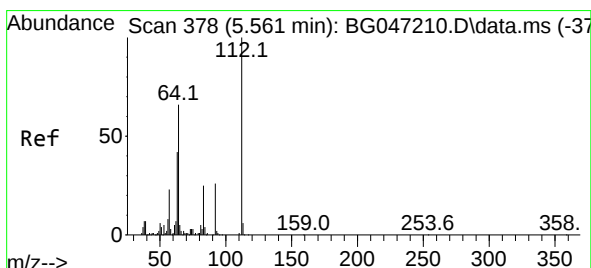
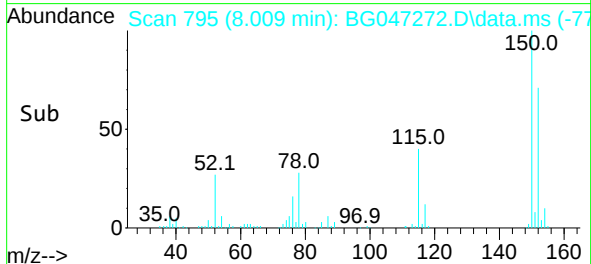
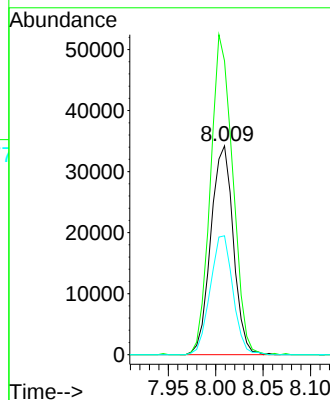
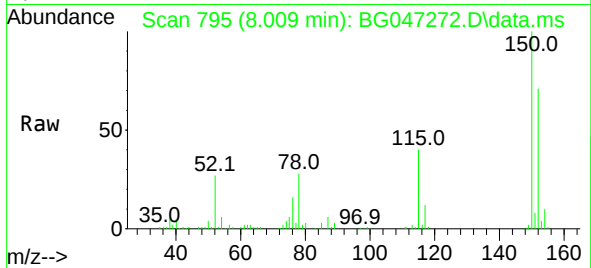




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.009 min Scan# 795
Delta R.T. 0.004 min
Lab File: BG047272.D
Acq: 10 Nov 2020 17:01

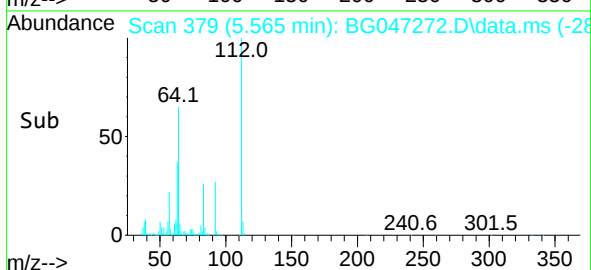
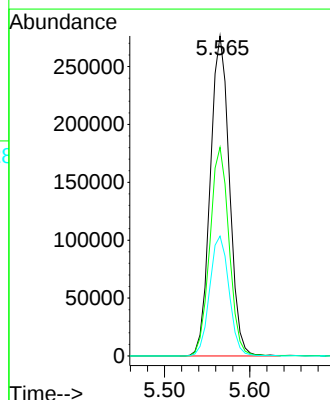
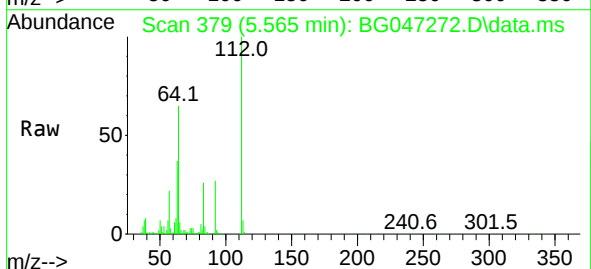
Instrument :
BNA_G
ClientSampleId :
PB132914BL

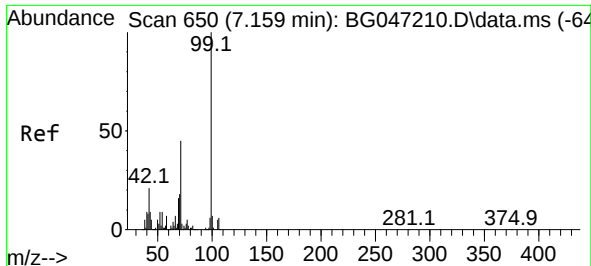
Tgt Ion:152 Resp: 56562
Ion Ratio Lower Upper
152 100
150 140.6 125.0 187.6
115 56.9 41.8 62.6



#5
2-Fluorophenol
Concen: 123.29 ng
RT: 5.565 min Scan# 379
Delta R.T. 0.004 min
Lab File: BG047272.D
Acq: 10 Nov 2020 17:01

Tgt Ion:112 Resp: 430232
Ion Ratio Lower Upper
112 100
64 65.2 46.7 70.1
63 37.5 22.8 34.2#

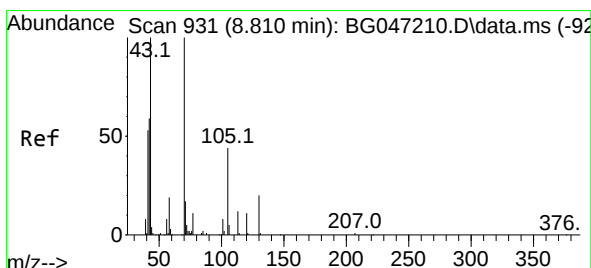
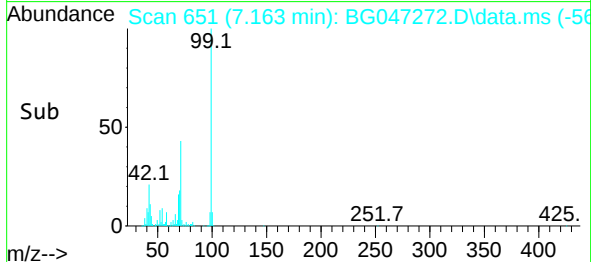
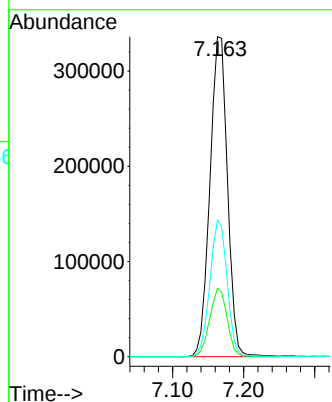
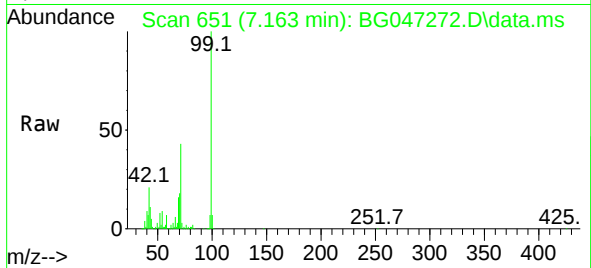




#7
Phenol-d6
Concen: 114.33 ng
RT: 7.163 min Scan# 651
Delta R.T. 0.004 min
Lab File: BG047272.D
Acq: 10 Nov 2020 17:01

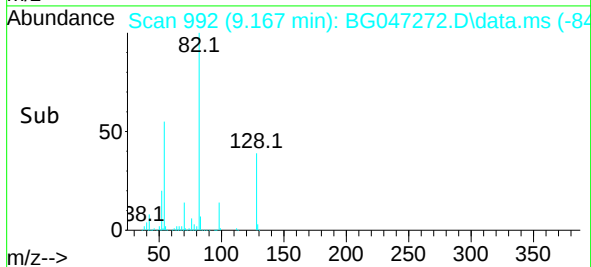
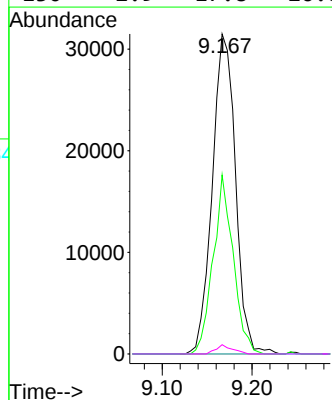
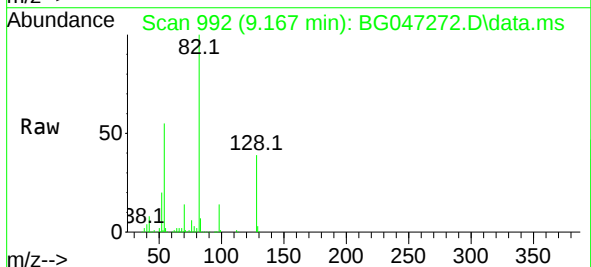
Instrument :
BNA_G
ClientSampleId :
PB132914BL

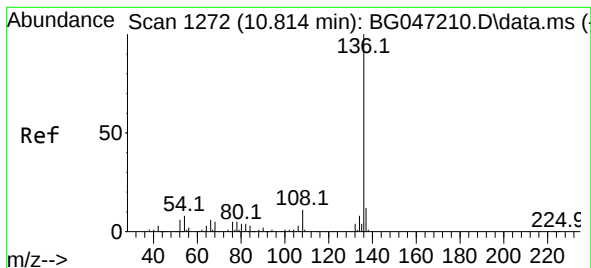
Tgt Ion: 99 Resp: 577491
Ion Ratio Lower Upper
99 100
42 21.4 12.8 19.2#
71 42.7 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 16.99 ng
RT: 9.167 min Scan# 992
Delta R.T. 0.357 min
Lab File: BG047272.D
Acq: 10 Nov 2020 17:01

Tgt Ion: 70 Resp: 56386
Ion Ratio Lower Upper
70 100
42 56.0 45.6 68.4
101 0.0 8.4 12.6#
130 2.9 17.8 26.8#

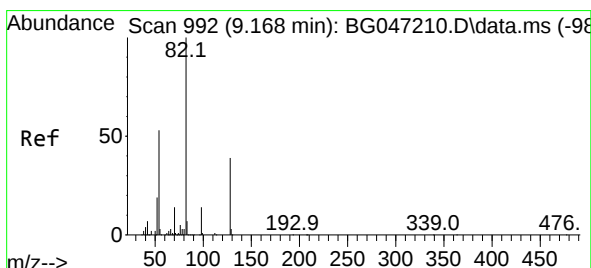
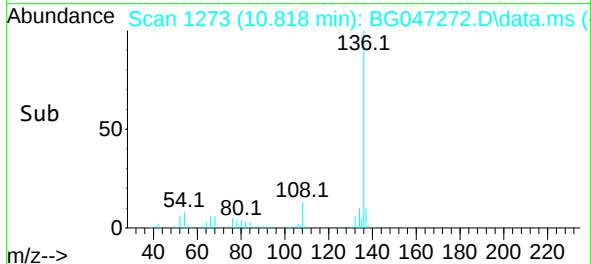
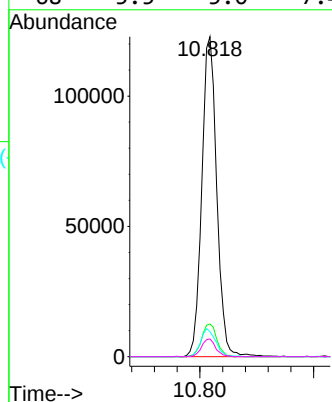
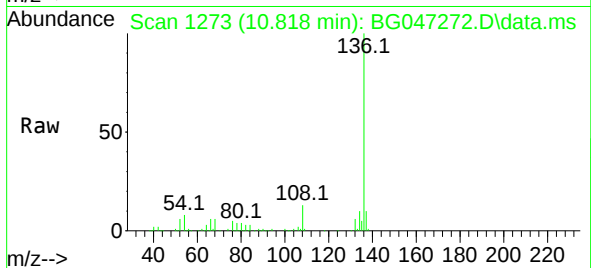




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.818 min Scan# 1273
Delta R.T. 0.004 min
Lab File: BG047272.D
Acq: 10 Nov 2020 17:01

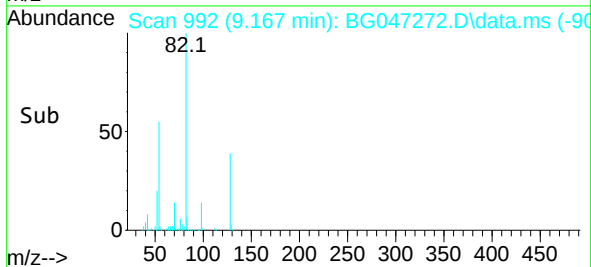
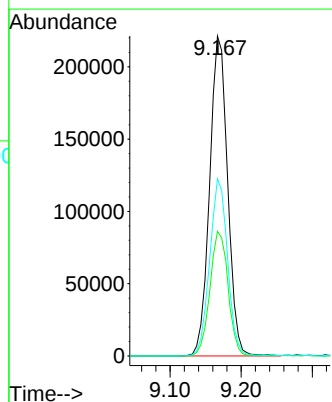
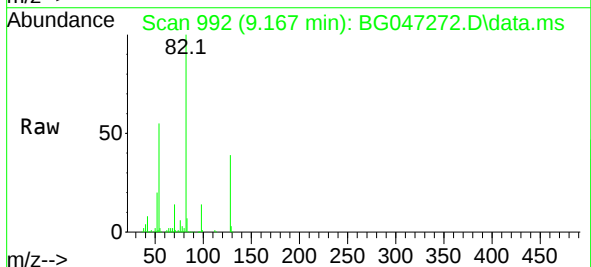
Instrument :
BNA_G
ClientSampleId :
PB132914BL

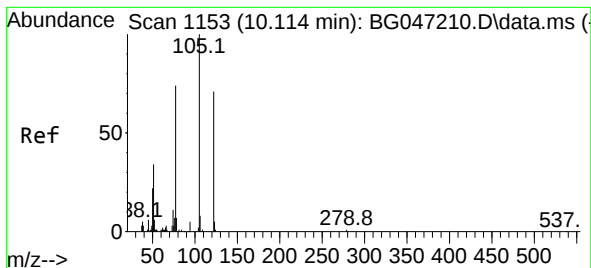
Tgt Ion:	136	Resp:	223637
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.1	13.7
54	7.8	6.2	9.4
68	5.5	5.0	7.4



#23
Nitrobenzene-d5
Concen: 74.88 ng
RT: 9.167 min Scan# 992
Delta R.T. -0.002 min
Lab File: BG047272.D
Acq: 10 Nov 2020 17:01

Tgt Ion:	82	Resp:	390204
Ion	Ratio	Lower	Upper
82	100		
128	39.0	37.0	55.6
54	55.4	39.0	58.4

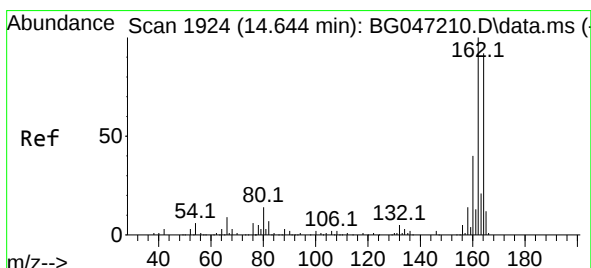
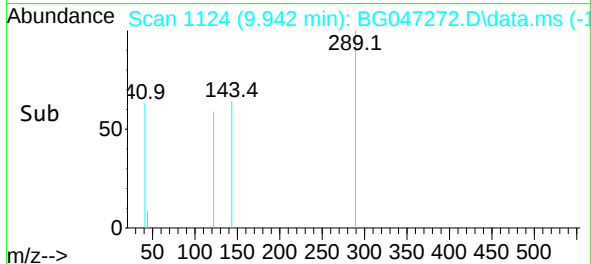
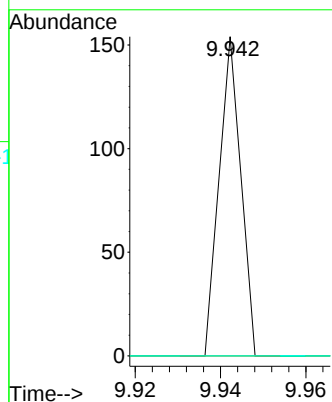
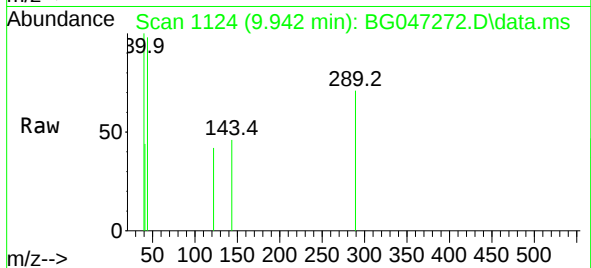




#32
Benzoic acid
Concen: 4.76 ng
RT: 9.942 min Scan# 1124
Delta R.T. -0.172 min
Lab File: BG047272.D
Acq: 10 Nov 2020 17:01

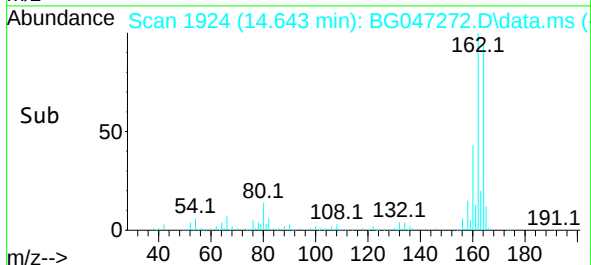
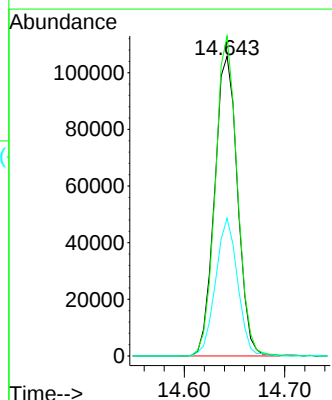
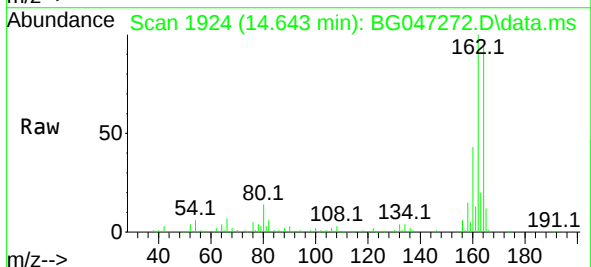
Instrument :
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ClientSampleId :
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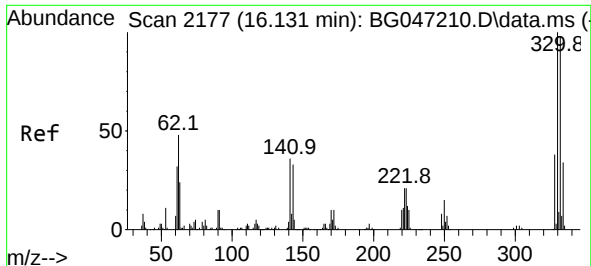
Tgt Ion:122 Resp: 54
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 0.0 63.0 103.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.643 min Scan# 1924
Delta R.T. -0.002 min
Lab File: BG047272.D
Acq: 10 Nov 2020 17:01

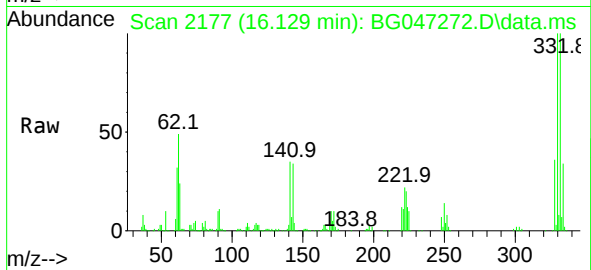
Tgt Ion:164 Resp: 167583
Ion Ratio Lower Upper
164 100
162 106.8 82.3 123.5
160 46.0 35.3 52.9



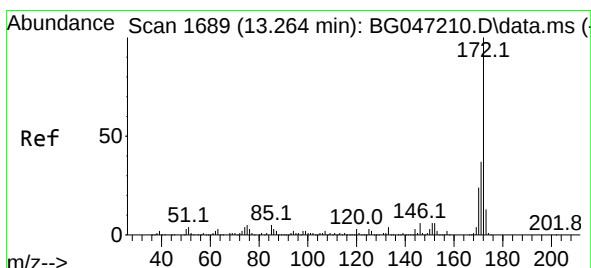
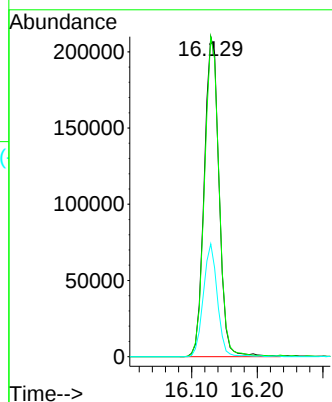
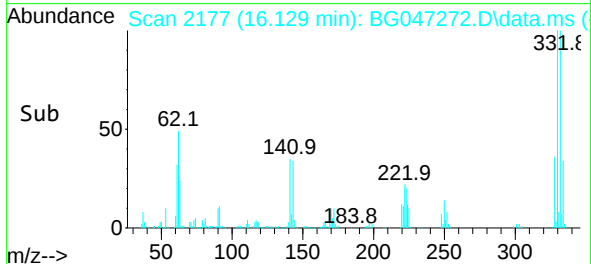


#42
2,4,6-Tribromophenol
Concen: 117.51 ng
RT: 16.129 min Scan# 2177
Delta R.T. -0.002 min
Lab File: BG047272.D
Acq: 10 Nov 2020 17:01

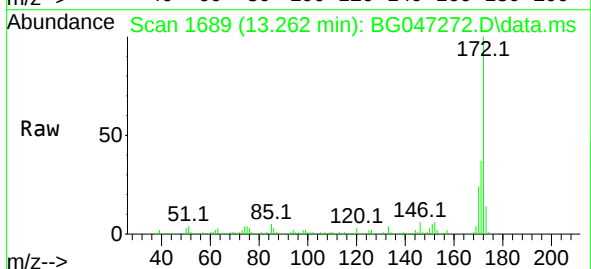
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BNA_G
ClientSampleId :
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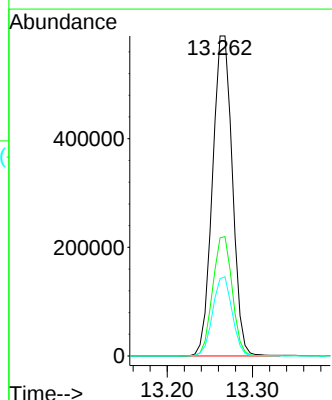
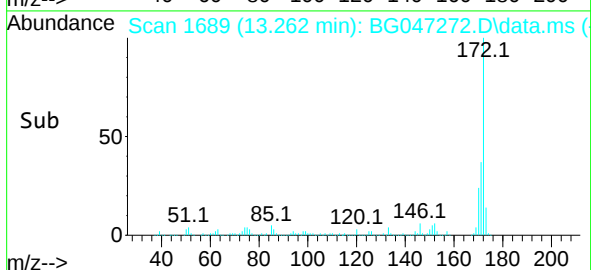
Tgt Ion:330 Resp: 329756
Ion Ratio Lower Upper
330 100
332 98.4 76.5 114.7
141 33.5 26.0 39.0

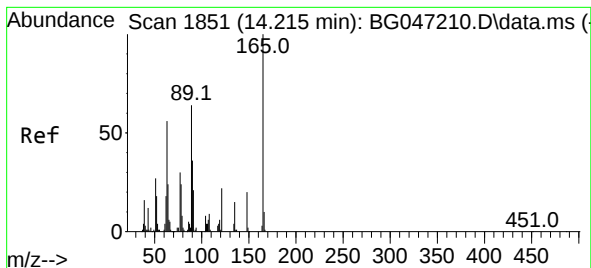


#45
2-Fluorobiphenyl
Concen: 73.04 ng
RT: 13.262 min Scan# 1689
Delta R.T. -0.002 min
Lab File: BG047272.D
Acq: 10 Nov 2020 17:01



Tgt Ion:172 Resp: 954372
Ion Ratio Lower Upper
172 100
171 36.9 31.3 46.9
170 24.1 20.8 31.2

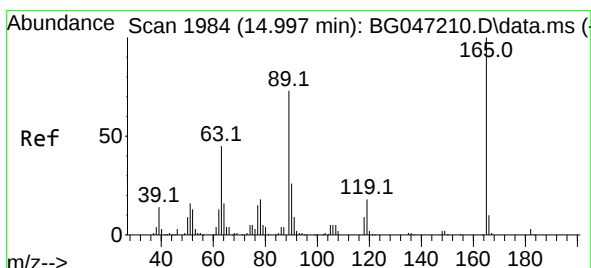
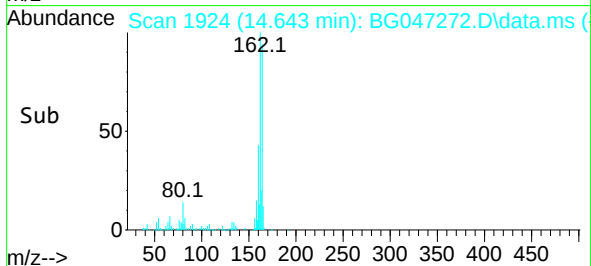
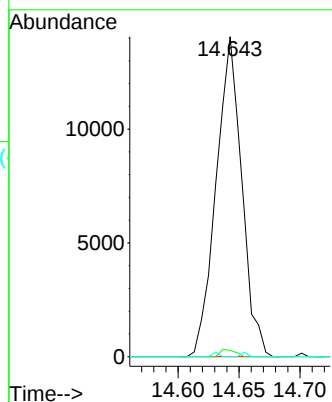
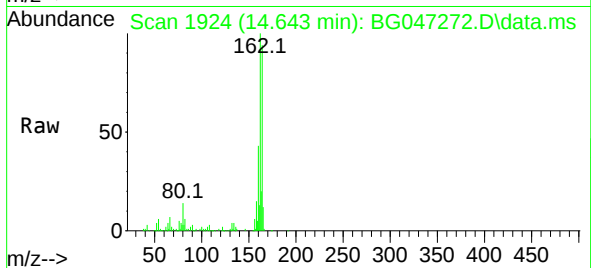




#51
2,6-Dinitrotoluene
Concen: 6.72 ng
RT: 14.643 min Scan# 1924
Delta R.T. 0.427 min
Lab File: BG047272.D
Acq: 10 Nov 2020 17:01

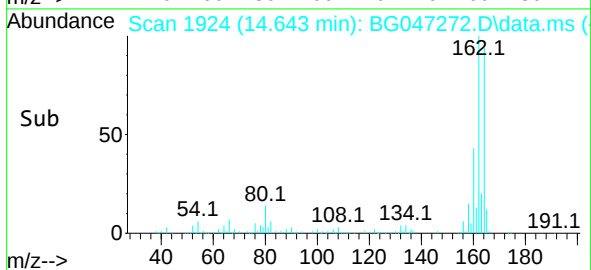
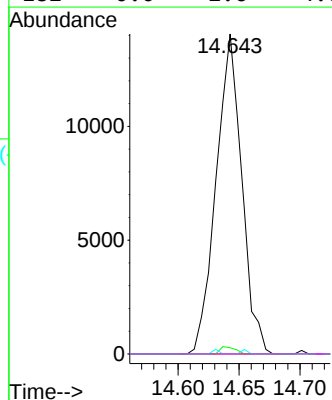
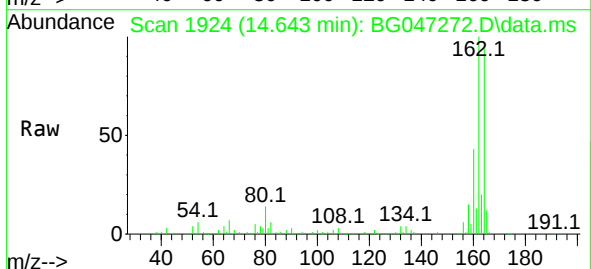
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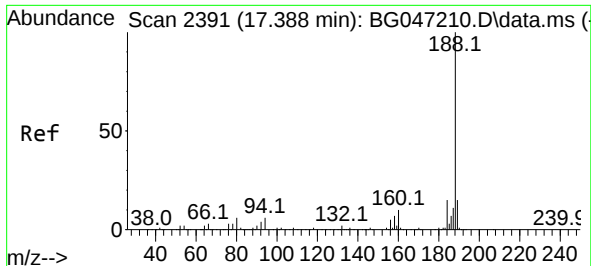
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Ion Ratio Lower Upper
165 100
63 1.9 33.7 50.5#
89 0.0 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 4.60 ng
RT: 14.643 min Scan# 1924
Delta R.T. -0.354 min
Lab File: BG047272.D
Acq: 10 Nov 2020 17:01

Tgt Ion:165 Resp: 20621
Ion Ratio Lower Upper
165 100
63 1.9 26.4 39.6#
89 0.0 47.8 71.8#
182 0.0 2.6 4.0#

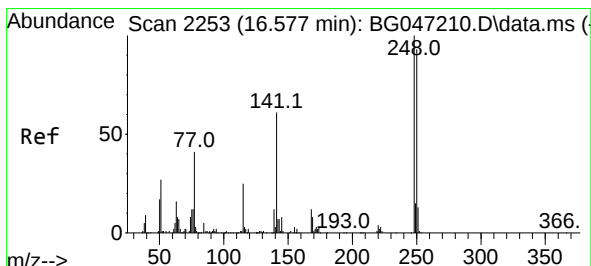
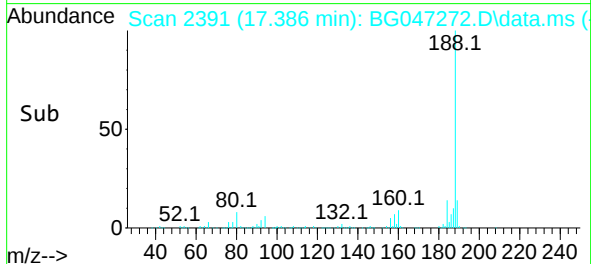
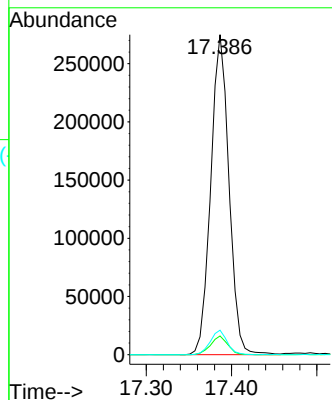
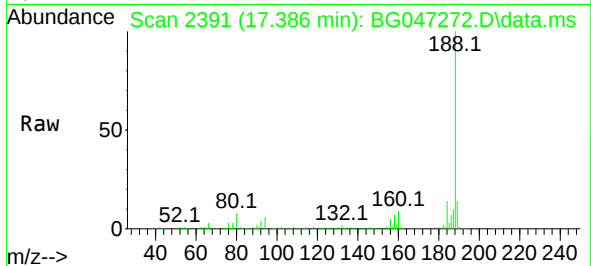




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.386 min Scan# 2391
Delta R.T. -0.002 min
Lab File: BG047272.D
Acq: 10 Nov 2020 17:01

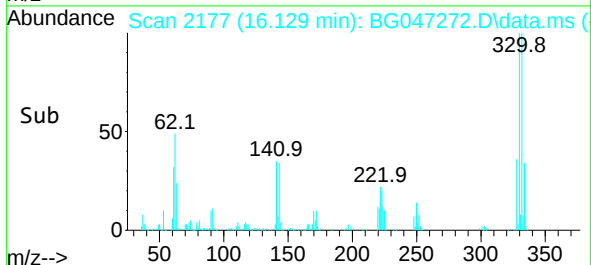
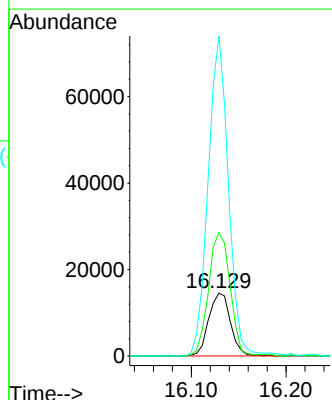
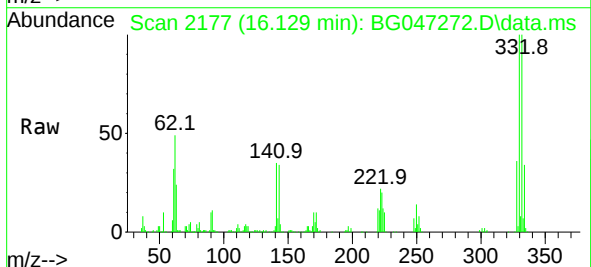
Instrument :
BNA_G
ClientSampleId :
PB132914BL

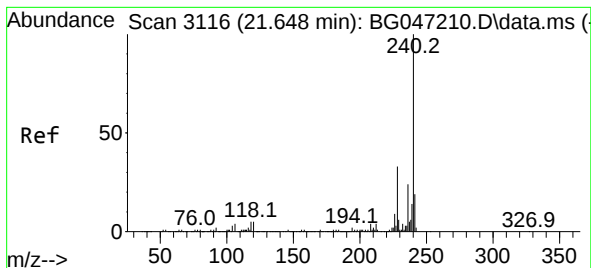
Tgt Ion:188 Resp: 408690
Ion Ratio Lower Upper
188 100
94 5.9 6.3 9.5#
80 7.7 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 4.05 ng
RT: 16.129 min Scan# 2177
Delta R.T. -0.448 min
Lab File: BG047272.D
Acq: 10 Nov 2020 17:01

Tgt Ion:248 Resp: 23112
Ion Ratio Lower Upper
248 100
250 196.2 78.9 118.3#
141 508.9 46.2 69.4#

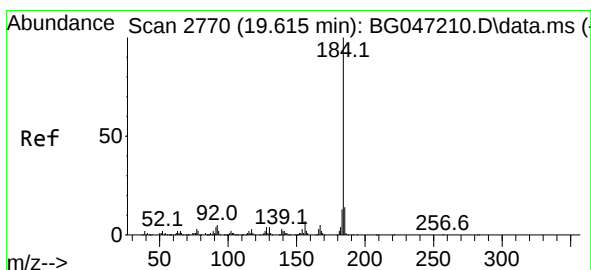
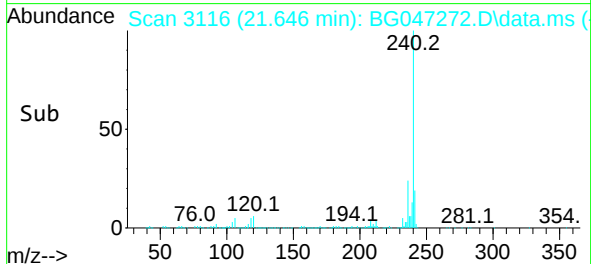
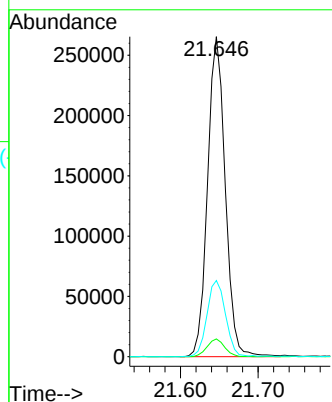
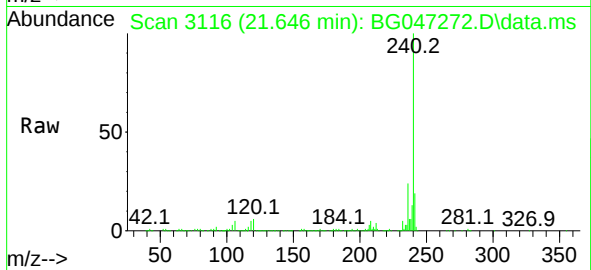




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.646 min Scan# 3116
Delta R.T. -0.002 min
Lab File: BG047272.D
Acq: 10 Nov 2020 17:01

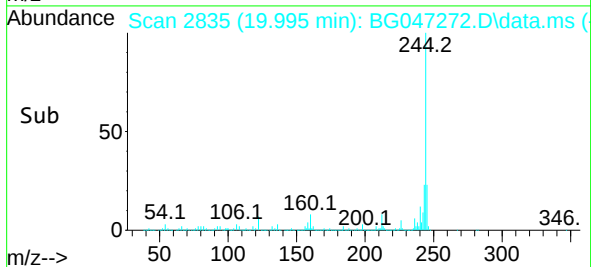
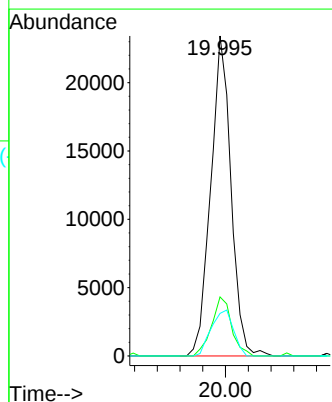
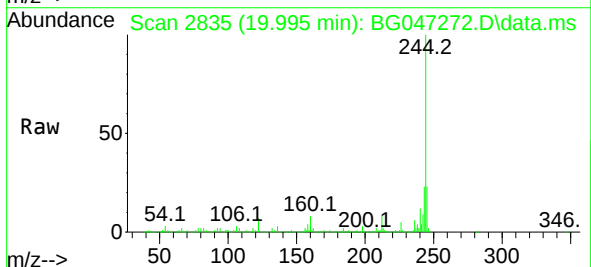
Instrument :
BNA_G
ClientSampleId :
PB132914BL

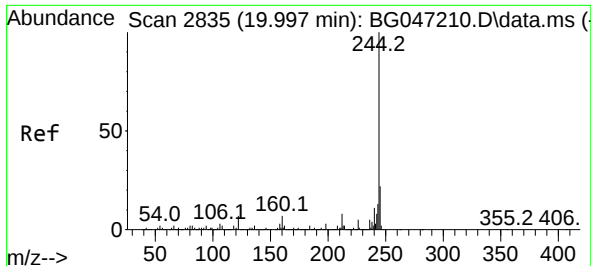
Tgt Ion:240 Resp: 419759
Ion Ratio Lower Upper
240 100
120 5.5 6.2 9.4#
236 23.8 20.5 30.7



#77
Benzidine
Concen: 2.06 ng
RT: 19.995 min Scan# 2835
Delta R.T. 0.380 min
Lab File: BG047272.D
Acq: 10 Nov 2020 17:01

Tgt Ion:184 Resp: 28956
Ion Ratio Lower Upper
184 100
185 18.5 12.4 18.6
183 13.3 10.6 15.8

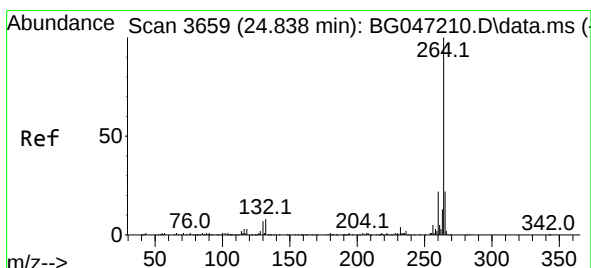
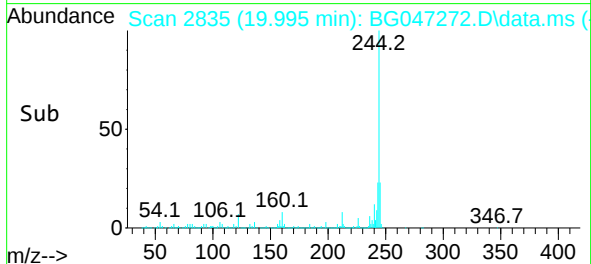
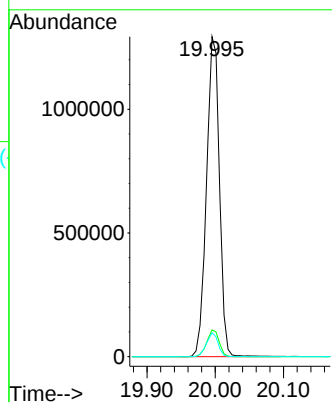
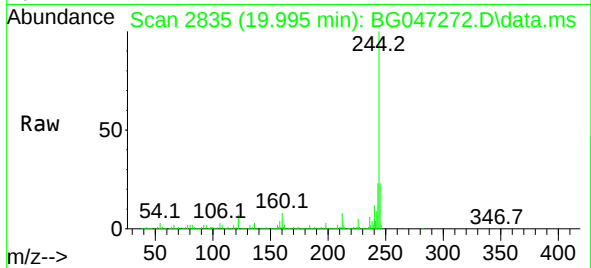




#79
 Terphenyl-d14
 Concen: 71.35 ng
 RT: 19.995 min Scan# 2835
 Delta R.T. -0.002 min
 Lab File: BG047272.D
 Acq: 10 Nov 2020 17:01

Instrument :
 BNA_G
 ClientSampleId :
 PB132914BL

Tgt Ion:244 Resp: 1703204
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.7 10.1
 122 7.5 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.837 min Scan# 3659
 Delta R.T. -0.002 min
 Lab File: BG047272.D
 Acq: 10 Nov 2020 17:01

Tgt Ion:264 Resp: 417403
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.8 28.2
 265 21.1 17.8 26.8

