

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100720\
 Data File : BG046802.D
 Acq On : 7 Oct 2020 15:03
 Operator : CG/JU
 Sample : L4274-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-1

Quant Time: Oct 07 16:04:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 07 11:38:17 2020
 Response via : Initial Calibration

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

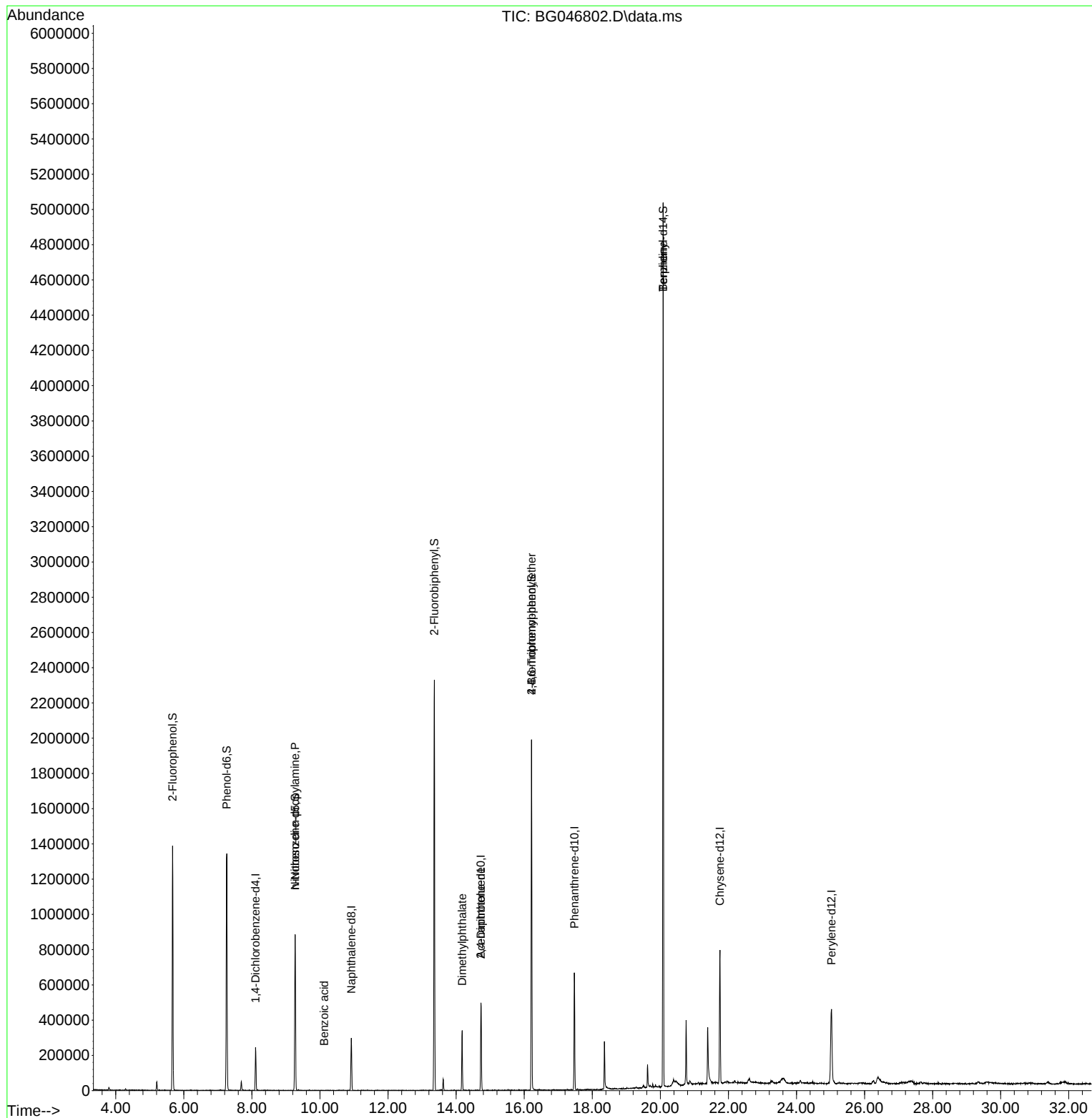
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.108	152	66159	20.00	ng	0.00
21) Naphthalene-d8	10.923	136	244825	20.00	ng	# 0.00
39) Acenaphthene-d10	14.730	164	173528	20.00	ng	0.00
64) Phenanthrene-d10	17.474	188	426622	20.00	ng	0.00
76) Chrysene-d12	21.751	240	484882	20.00	ng	# 0.00
86) Perylene-d12	25.030	264	489977	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.670	112	554357	134.24	ng	0.00
7) Phenol-d6	7.262	99	735181	126.21	ng	0.00
23) Nitrobenzene-d5	9.272	82	533479	115.92	ng	0.00
42) 2,4,6-Tribromophenol	16.216	330	374364	163.61	ng	0.00
45) 2-Fluorobiphenyl	13.361	172	1201226	98.00	ng	0.00
79) Terphenyl-d14	20.082	244	2117304	87.52	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.262	77	1844	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.272	70	77372	19.37	ng	# 77
32) Benzoic acid	10.124	122	54	6.36	ng	# 1
50) Dimethylphthalate	14.178	163	209891	15.14	ng	99
57) 2,4-Dinitrotoluene	14.730	165	24485	8.21	ng	# 34
67) 4-Bromophenyl-phenylether	16.216	248	27587	5.12	ng	# 1
77) Benzidine	20.082	184	38896	2.60	ng	95

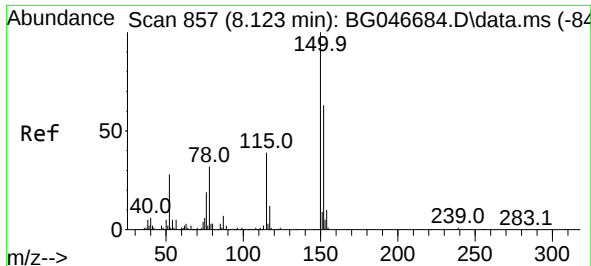
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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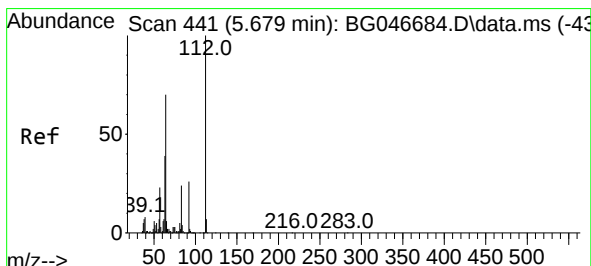
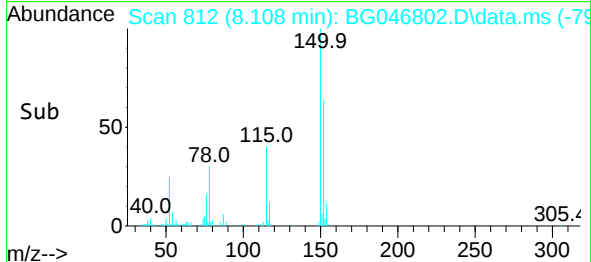
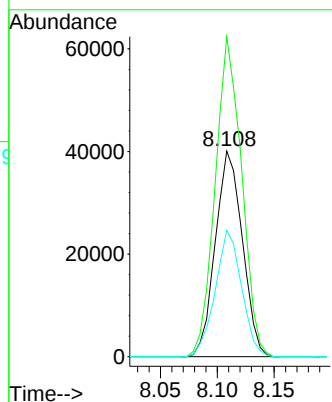
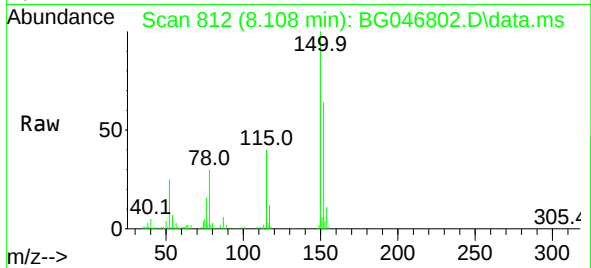




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.108 min Scan# 812
Delta R.T. 0.000 min
Lab File: BG046802.D
Acq: 7 Oct 2020 15:03

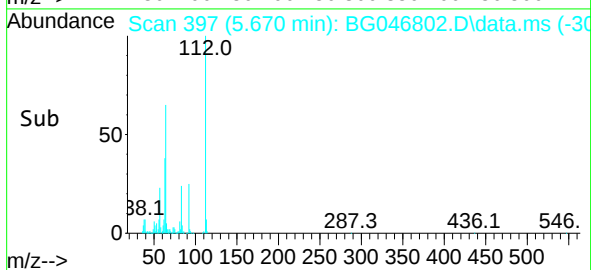
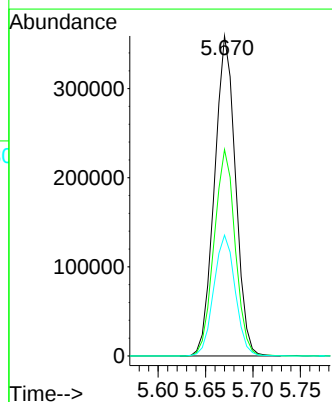
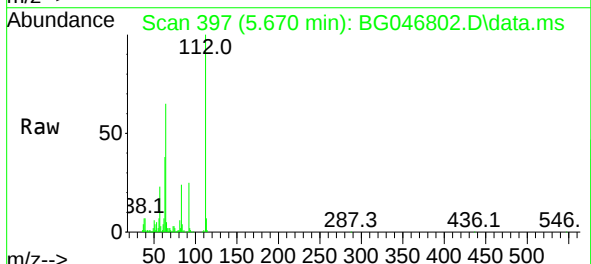
Instrument :
BNA_G
ClientSampleId :
WC-1

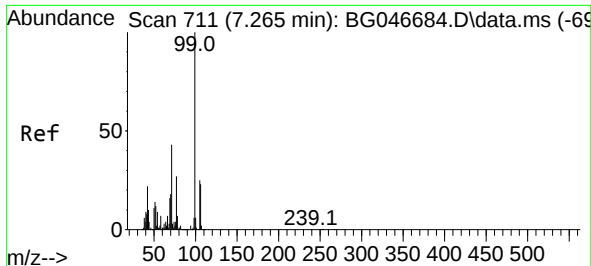
Tgt Ion:152 Resp: 66159
Ion Ratio Lower Upper
152 100
150 155.6 125.0 187.6
115 61.5 41.8 62.6



#5
2-Fluorophenol
Concen: 134.24 ng
RT: 5.670 min Scan# 397
Delta R.T. 0.000 min
Lab File: BG046802.D
Acq: 7 Oct 2020 15:03

Tgt Ion:112 Resp: 554357
Ion Ratio Lower Upper
112 100
64 64.5 46.7 70.1
63 37.7 22.8 34.2#

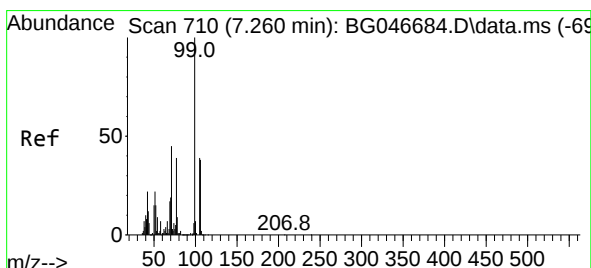
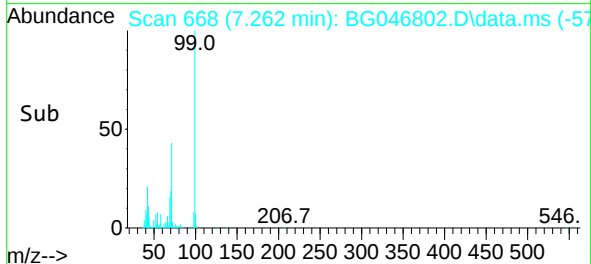
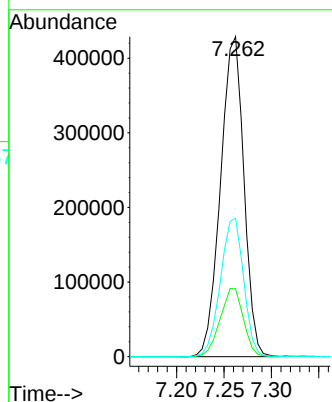
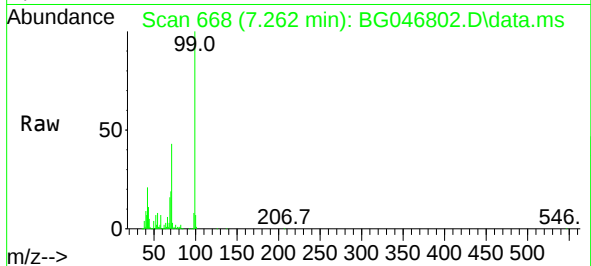




#7
Phenol-d6
Concen: 126.21 ng
RT: 7.262 min Scan# 668
Delta R.T. 0.006 min
Lab File: BG046802.D
Acq: 7 Oct 2020 15:03

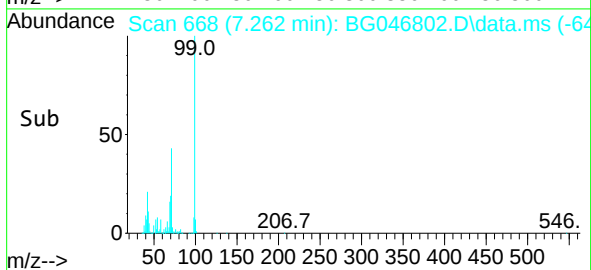
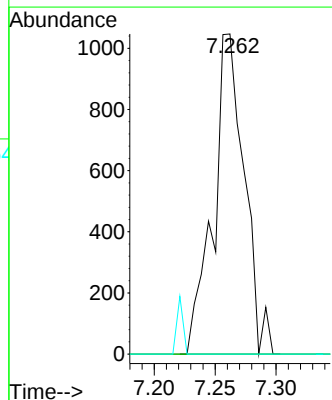
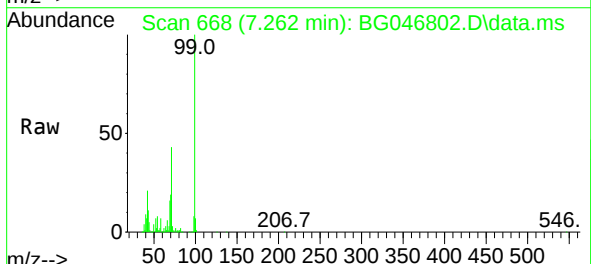
Instrument :
BNA_G
ClientSampleId :
WC-1

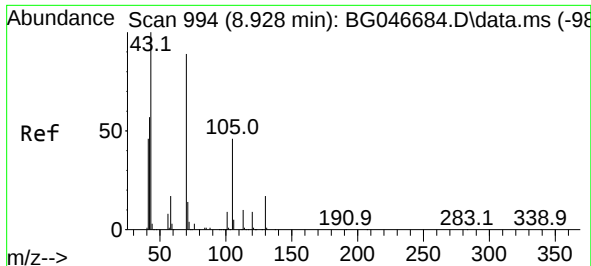
Tgt Ion: 99 Resp: 735181
Ion Ratio Lower Upper
99 100
42 21.2 12.8 19.2#
71 43.2 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.262 min Scan# 668
Delta R.T. 0.018 min
Lab File: BG046802.D
Acq: 7 Oct 2020 15:03

Tgt Ion: 77 Resp: 1844
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#

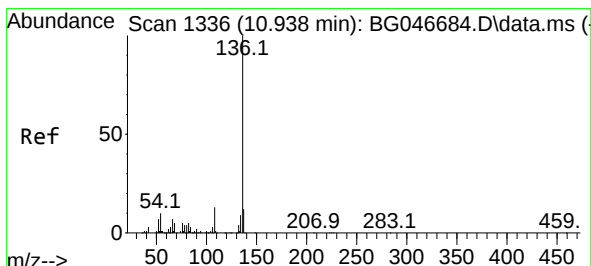
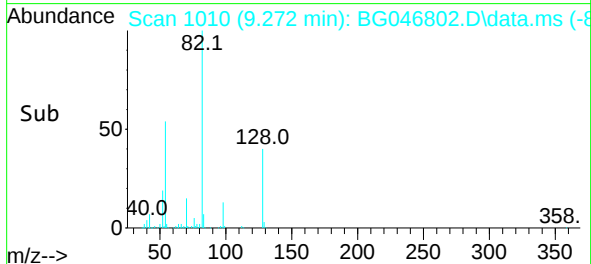
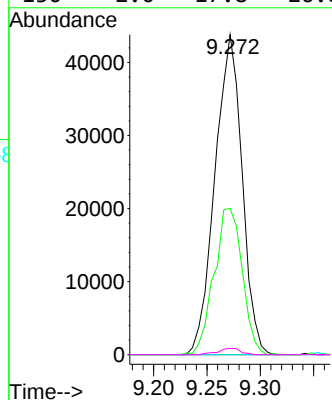
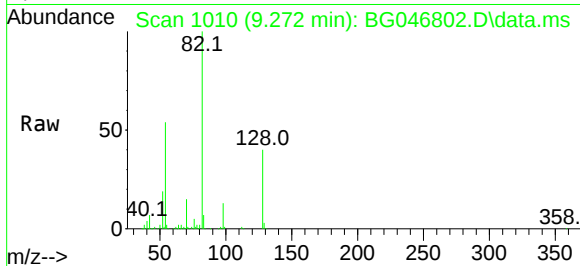




#19
n-Nitroso-di-n-propylamine
Concen: 19.37 ng
RT: 9.272 min Scan# 1010
Delta R.T. 0.359 min
Lab File: BG046802.D
Acq: 7 Oct 2020 15:03

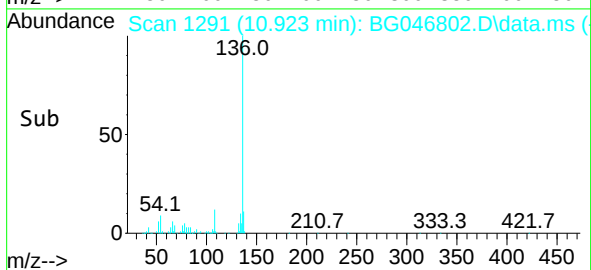
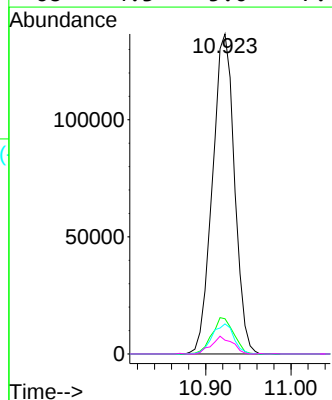
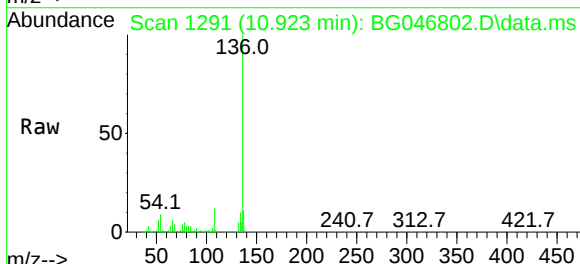
Instrument :
BNA_G
ClientSampled :
WC-1

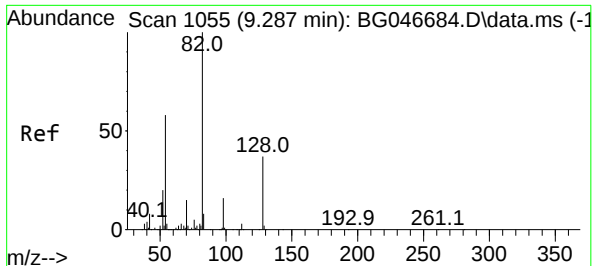
Tgt Ion:	70	Resp:	77372
Ion	Ratio	Lower	Upper
70	100		
42	45.8	45.6	68.4
101	0.0	8.4	12.6#
130	2.0	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.923 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BG046802.D
Acq: 7 Oct 2020 15:03

Tgt Ion:	136	Resp:	244825
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	9.4	6.2	9.4#
68	4.3	5.0	7.4#

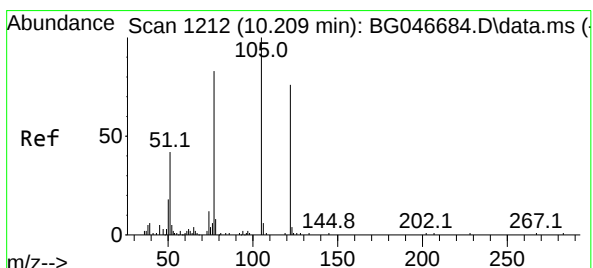
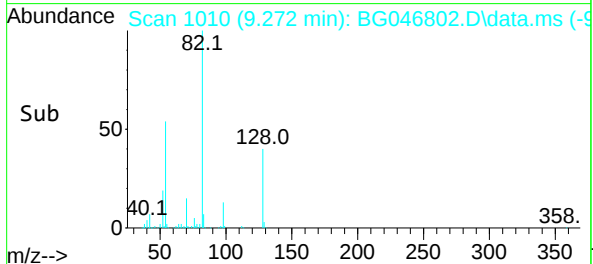
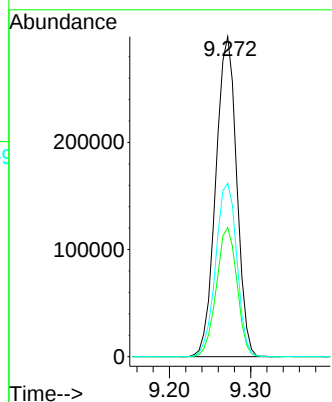
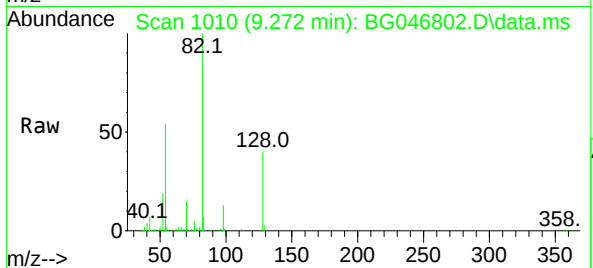




#23
Nitrobenzene-d5
Concen: 115.92 ng
RT: 9.272 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BG046802.D
Acq: 7 Oct 2020 15:03

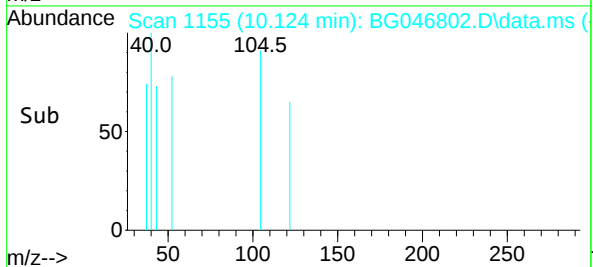
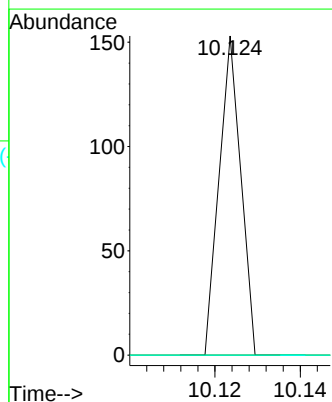
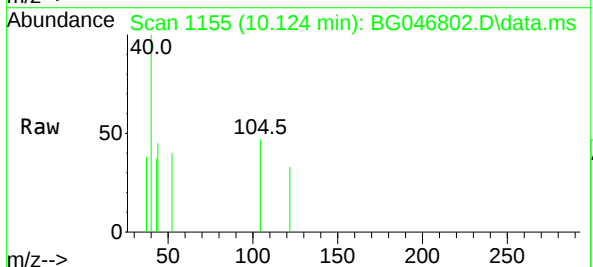
Instrument :
BNA_G
ClientSampled :
WC-1

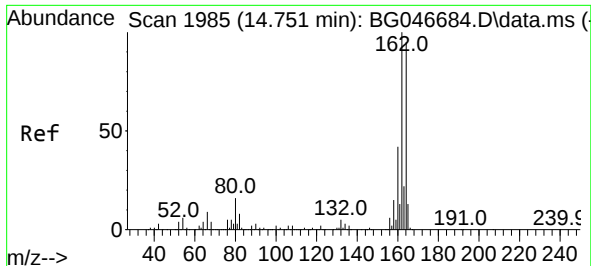
Tgt Ion: 82 Resp: 533479
Ion Ratio Lower Upper
82 100
128 40.4 37.0 55.6
54 54.2 39.0 58.4



#32
Benzoic acid
Concen: 6.36 ng
RT: 10.124 min Scan# 1155
Delta R.T. -0.070 min
Lab File: BG046802.D
Acq: 7 Oct 2020 15:03

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#

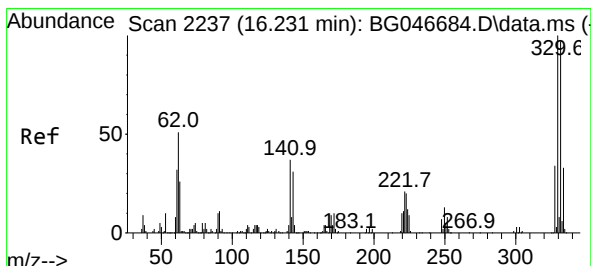
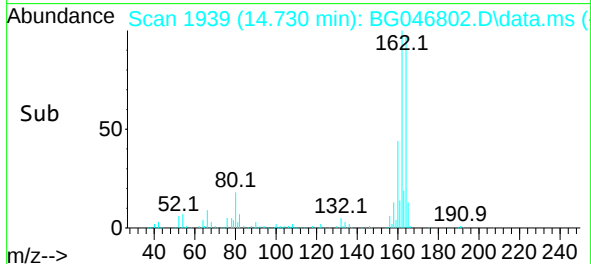
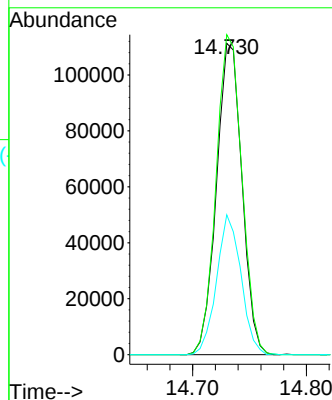
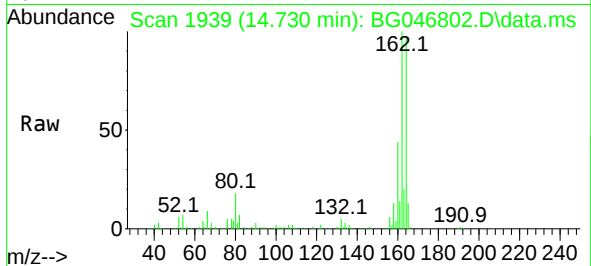




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.730 min Scan# 1939
Delta R.T. -0.005 min
Lab File: BG046802.D
Acq: 7 Oct 2020 15:03

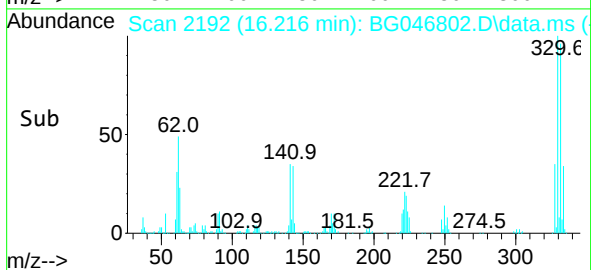
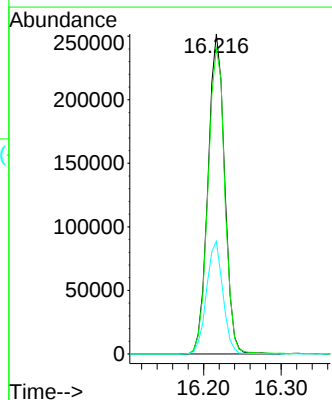
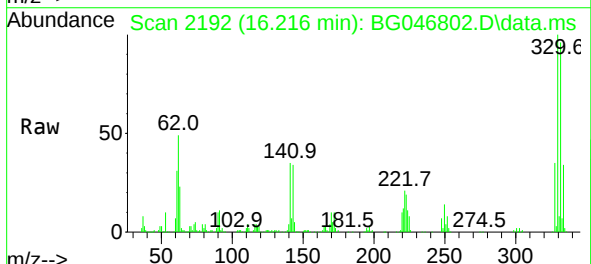
Instrument :
BNA_G
ClientSampled :
WC-1

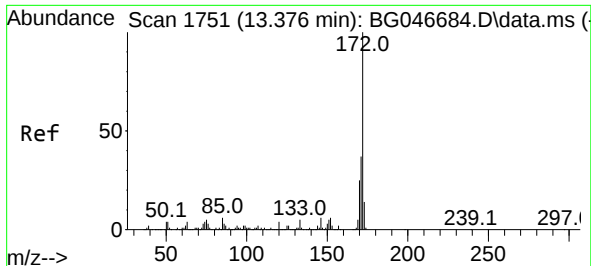
Tgt Ion:164 Resp: 173528
Ion Ratio Lower Upper
164 100
162 102.8 82.3 123.5
160 44.9 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 163.61 ng
RT: 16.216 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BG046802.D
Acq: 7 Oct 2020 15:03

Tgt Ion:330 Resp: 374364
Ion Ratio Lower Upper
330 100
332 96.9 76.5 114.7
141 34.7 26.0 39.0

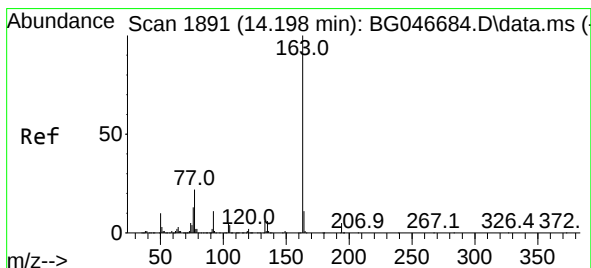
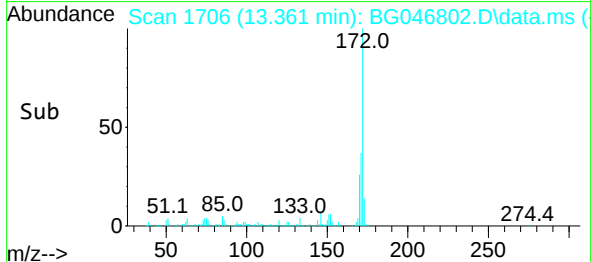
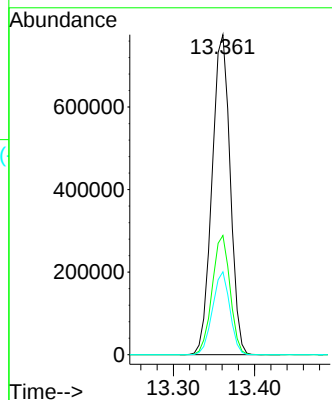
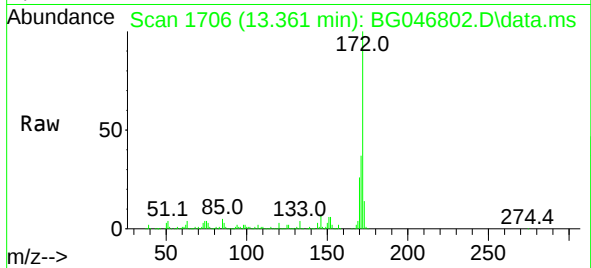




#45
2-Fluorobiphenyl
Concen: 98.00 ng
RT: 13.361 min Scan# 1706
Delta R.T. 0.000 min
Lab File: BG046802.D
Acq: 7 Oct 2020 15:03

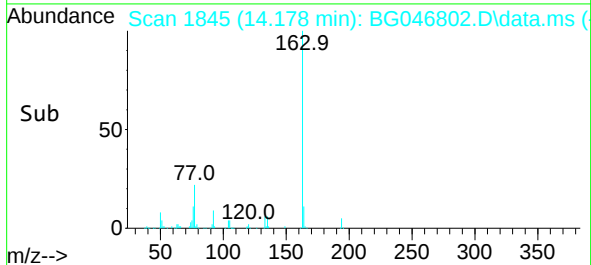
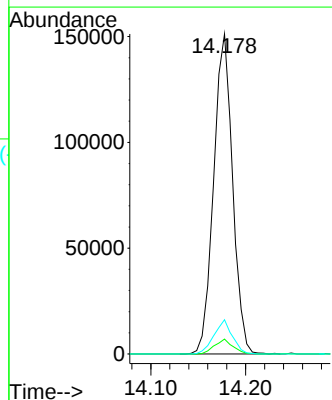
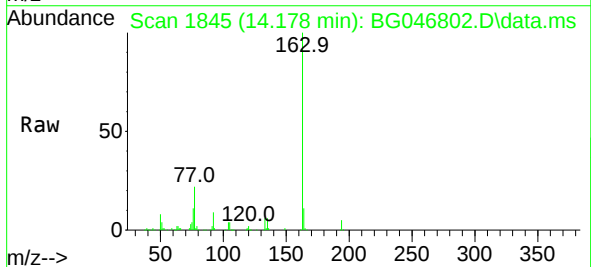
Instrument :
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ClientSampleId :
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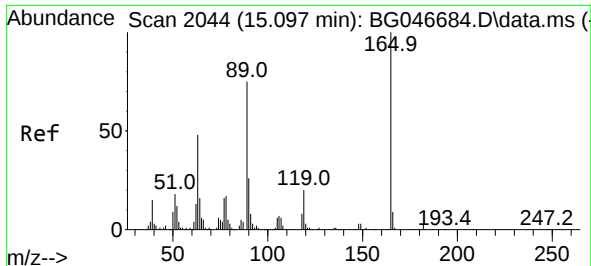
Tgt Ion:172 Resp: 1201226
Ion Ratio Lower Upper
172 100
171 37.3 31.3 46.9
170 25.9 20.8 31.2



#50
Dimethylphthalate
Concen: 15.14 ng
RT: 14.178 min Scan# 1845
Delta R.T. -0.005 min
Lab File: BG046802.D
Acq: 7 Oct 2020 15:03

Tgt Ion:163 Resp: 209891
Ion Ratio Lower Upper
163 100
194 4.6 3.8 5.8
164 10.7 8.8 13.2

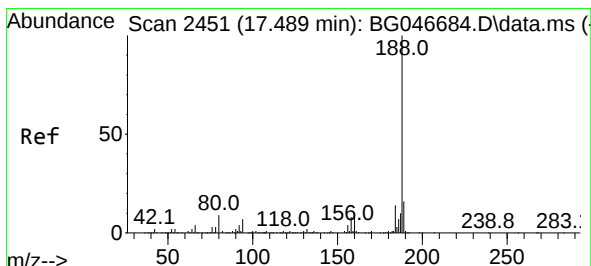
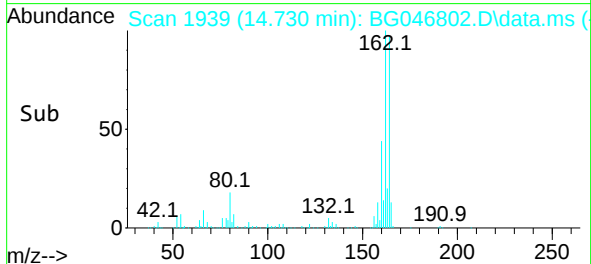
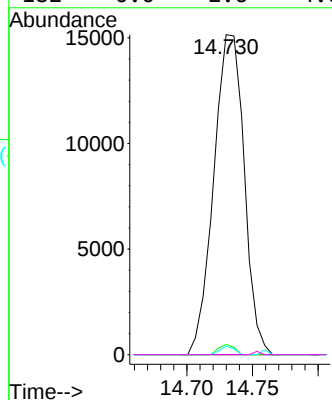
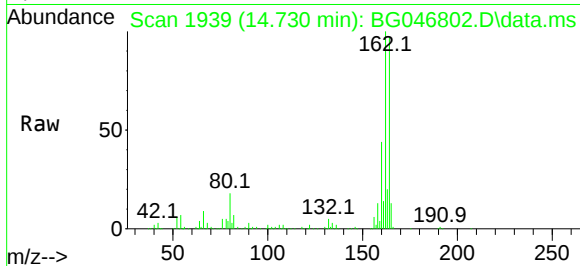




#57
2,4-Dinitrotoluene
Concen: 8.21 ng
RT: 14.730 min Scan# 1939
Delta R.T. -0.352 min
Lab File: BG046802.D
Acq: 7 Oct 2020 15:03

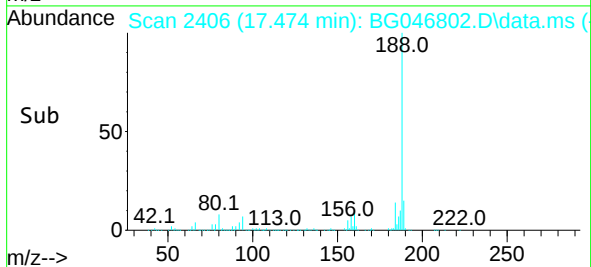
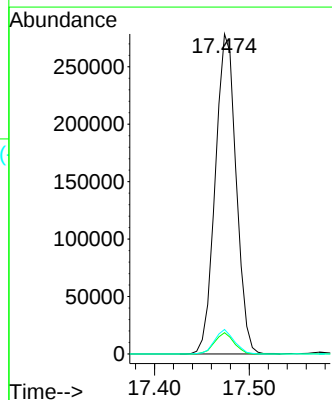
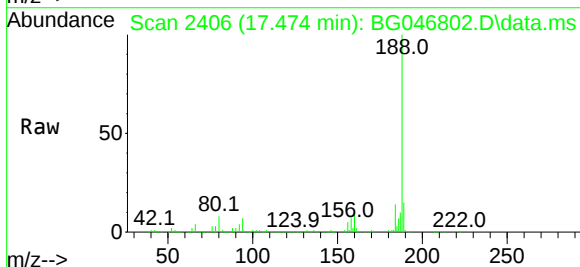
Instrument :
BNA_G
ClientSampled :
WC-1

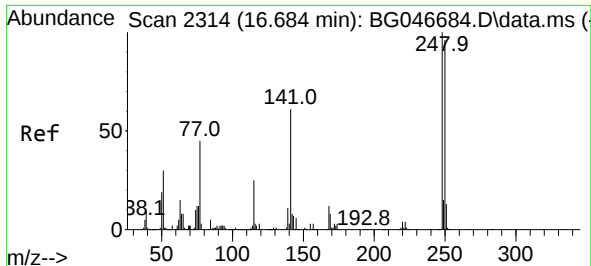
Tgt Ion:165 Resp: 24485
Ion Ratio Lower Upper
165 100
63 3.2 26.4 39.6#
89 2.7 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.474 min Scan# 2406
Delta R.T. -0.005 min
Lab File: BG046802.D
Acq: 7 Oct 2020 15:03

Tgt Ion:188 Resp: 426622
Ion Ratio Lower Upper
188 100
94 6.7 6.3 9.5
80 7.7 7.0 10.6

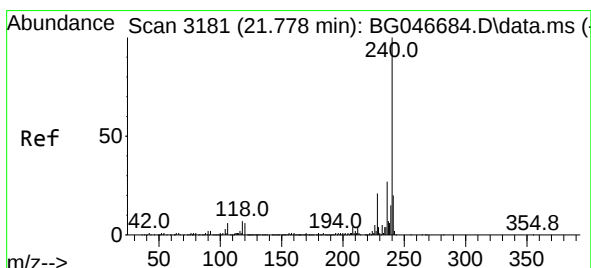
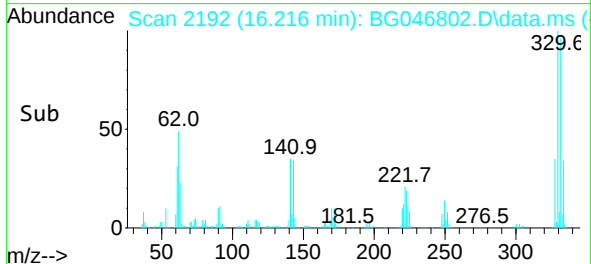
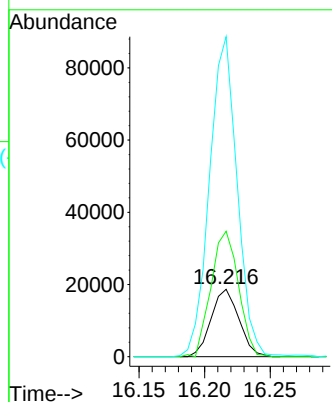
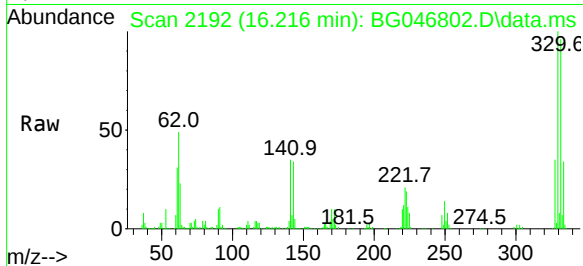




#67
4-Bromophenyl-phenylether
Concen: 5.12 ng
RT: 16.216 min Scan# 2192
Delta R.T. -0.446 min
Lab File: BG046802.D
Acq: 7 Oct 2020 15:03

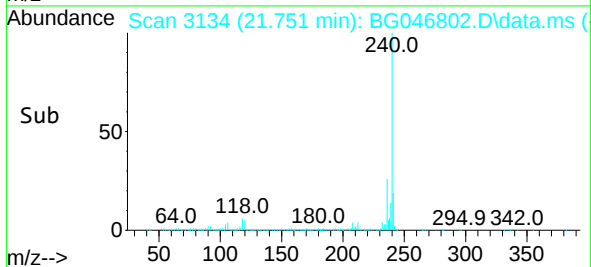
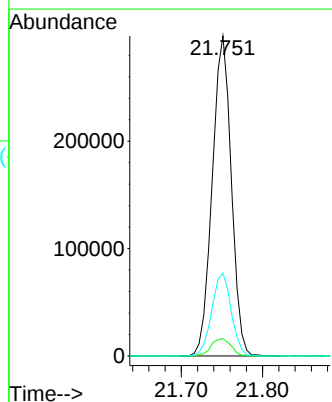
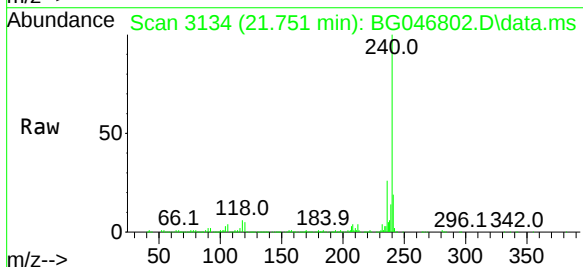
Instrument :
BNA_G
ClientSampled :
WC-1

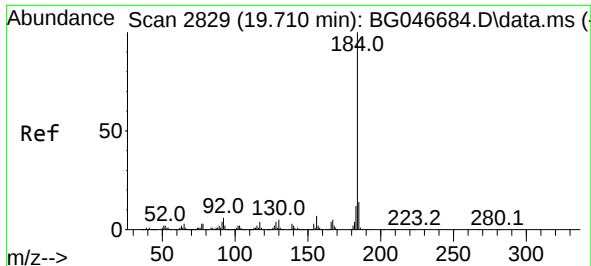
Tgt Ion:248 Resp: 27587
Ion Ratio Lower Upper
248 100
250 180.2 78.9 118.3#
141 356.1 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.751 min Scan# 3134
Delta R.T. -0.005 min
Lab File: BG046802.D
Acq: 7 Oct 2020 15:03

Tgt Ion:240 Resp: 484882
Ion Ratio Lower Upper
240 100
120 5.4 6.2 9.4#
236 25.8 20.5 30.7

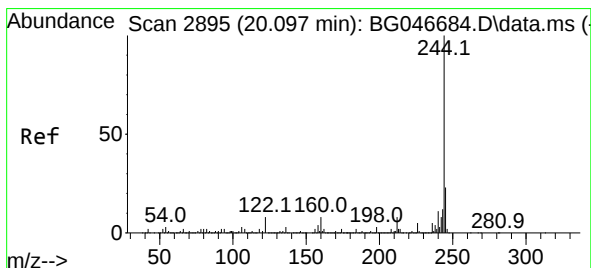
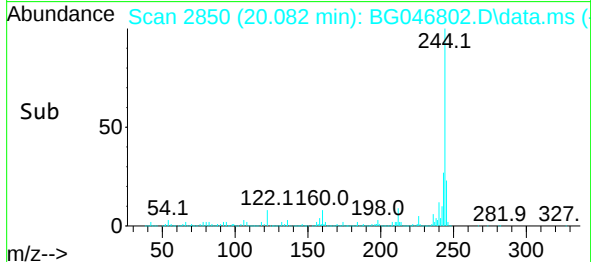
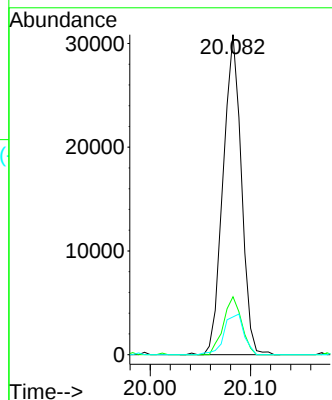
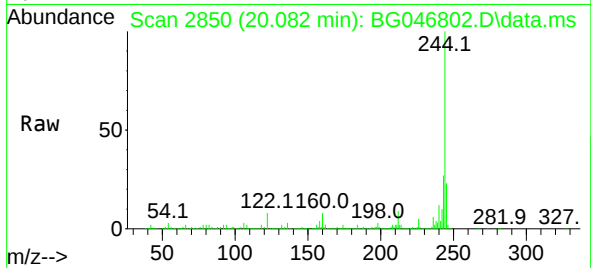




#77
Benzidine
Concen: 2.60 ng
RT: 20.082 min Scan# 2850
Delta R.T. 0.382 min
Lab File: BG046802.D
Acq: 7 Oct 2020 15:03

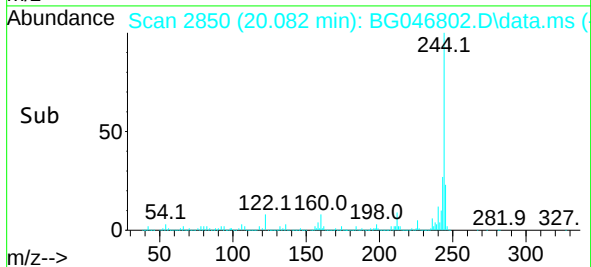
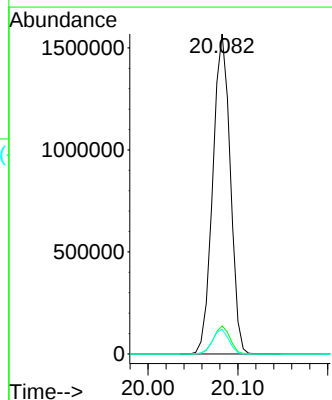
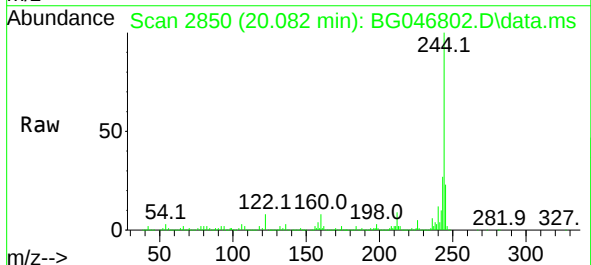
Instrument :
BNA_G
ClientSampled :
WC-1

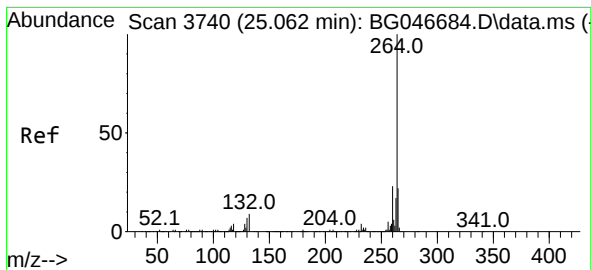
Tgt Ion:184 Resp: 38896
Ion Ratio Lower Upper
184 100
185 18.1 12.4 18.6
183 11.8 10.6 15.8



#79
Terphenyl-d14
Concen: 87.52 ng
RT: 20.082 min Scan# 2850
Delta R.T. 0.000 min
Lab File: BG046802.D
Acq: 7 Oct 2020 15:03

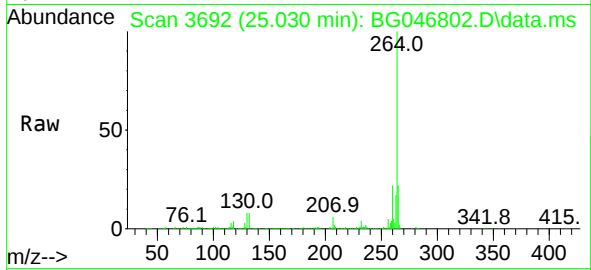
Tgt Ion:244 Resp: 2117304
Ion Ratio Lower Upper
244 100
212 8.8 6.7 10.1
122 7.7 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.030 min Scan# 3692
 Delta R.T. 0.000 min
 Lab File: BG046802.D
 Acq: 7 Oct 2020 15:03

Instrument :
 BNA_G
 ClientSampleId :
 WC-1



Tgt Ion:264 Resp: 489977

Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.8	28.2
265	21.7	17.8	26.8

