

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100820\
 Data File : BG046822.D
 Acq On : 8 Oct 2020 19:29
 Operator : CG/JU
 Sample : L4276-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW4D

Quant Time: Oct 09 01:11:52 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)

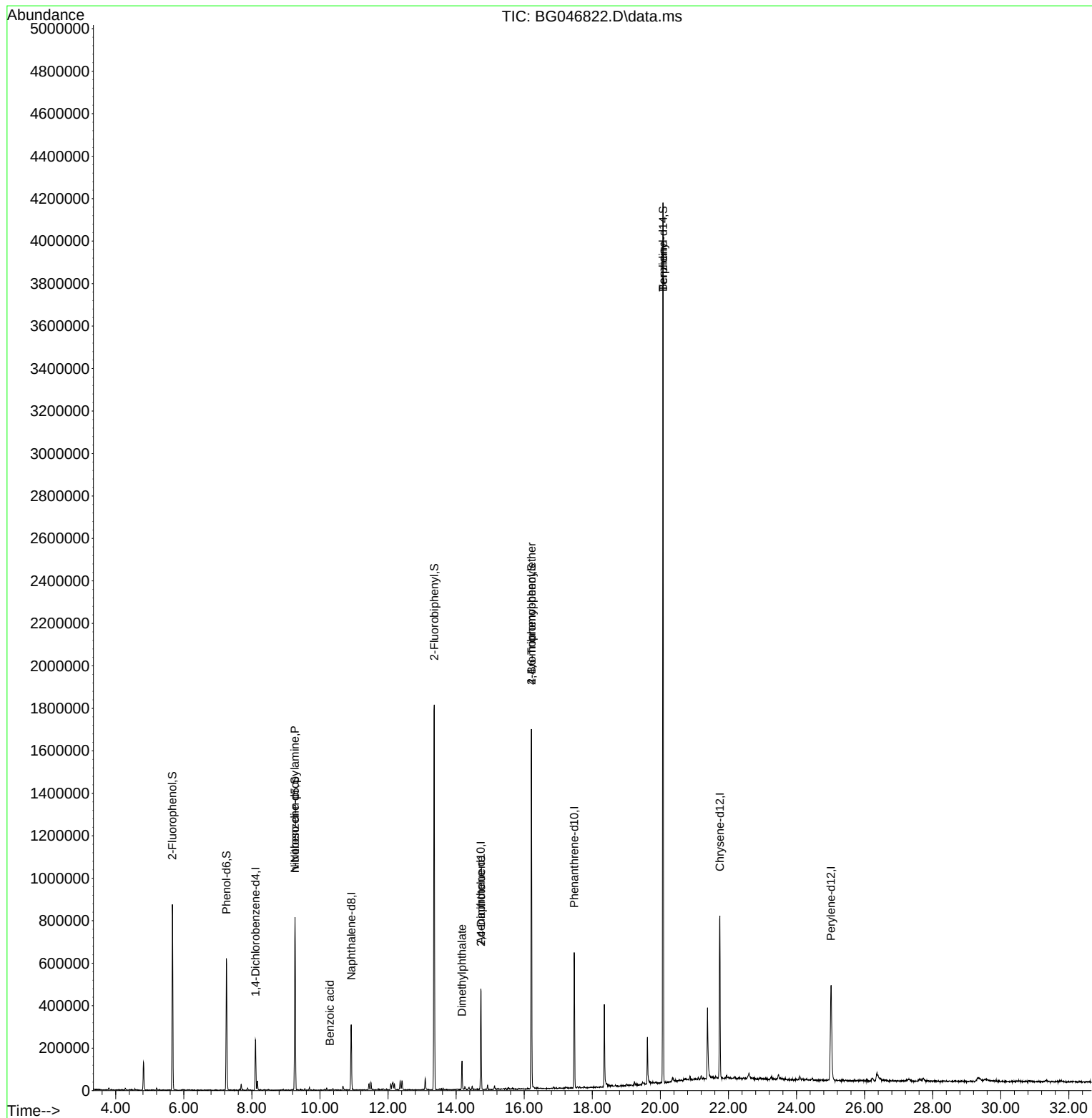
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.111	152	65133	20.00	ng	0.00
21) Naphthalene-d8	10.919	136	246805	20.00	ng	0.00
39) Acenaphthene-d10	14.727	164	166319	20.00	ng	0.00
64) Phenanthrene-d10	17.470	188	399984	20.00	ng	# 0.00
76) Chrysene-d12	21.748	240	486565	20.00	ng	# 0.00
86) Perylene-d12	25.015	264	521792	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	362090	89.06	ng	0.00
7) Phenol-d6	7.253	99	335491	58.50	ng	0.00
23) Nitrobenzene-d5	9.268	82	463099	99.82	ng	0.00
42) 2,4,6-Tribromophenol	16.213	330	327411	149.30	ng	0.00
45) 2-Fluorobiphenyl	13.358	172	965554	82.19	ng	0.00
79) Terphenyl-d14	20.079	244	1824597	75.16	ng	0.00
Target Compounds						
9) Benzaldehyde	7.253	77	992	Below Cal	#	11
19) n-Nitroso-di-n-propyla...	9.268	70	65405	16.63	ng	# 82
32) Benzoic acid	10.296	122	60	6.36	ng	# 1
50) Dimethylphthalate	14.174	163	83743	6.30	ng	# 96
57) 2,4-Dinitrotoluene	14.732	165	21950	7.68	ng	# 32
67) 4-Bromophenyl-phenylether	16.213	248	21319	4.22	ng	# 1
77) Benzidine	20.079	184	32887	2.19	ng	# 94

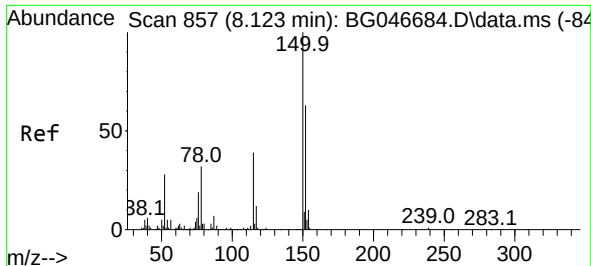
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 07 11:38:17 2020
Response via : Initial Calibration

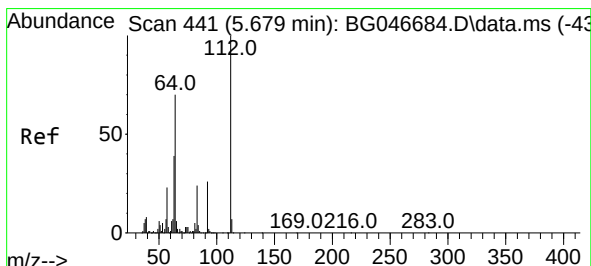
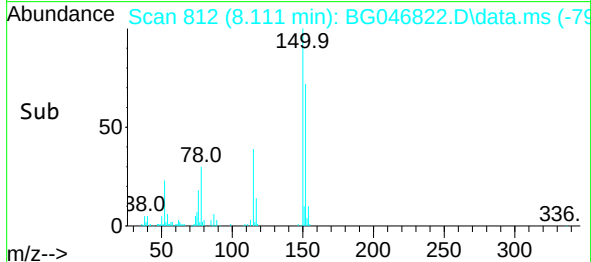
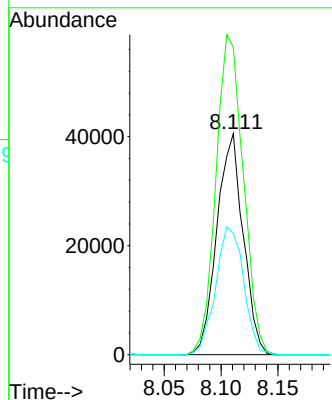
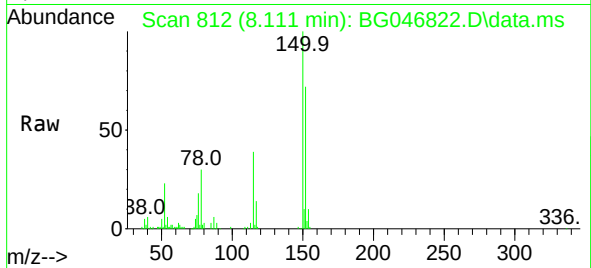




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.111 min Scan# 812
Delta R.T. 0.003 min
Lab File: BG046822.D
Acq: 8 Oct 2020 19:29

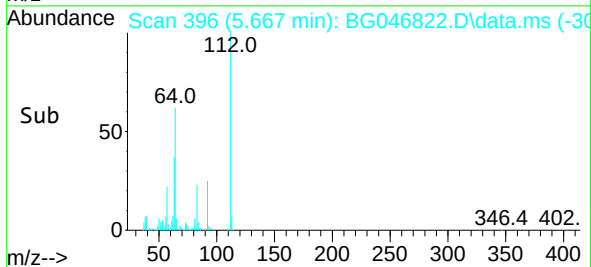
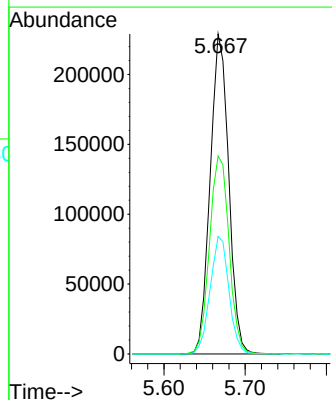
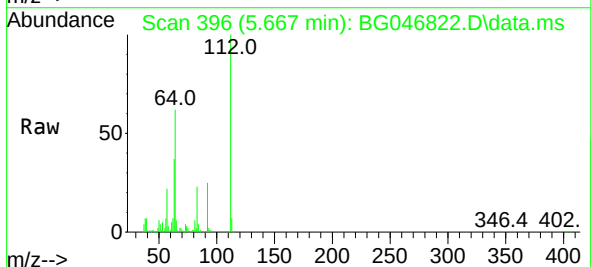
Instrument :
BNA_G
ClientSampleId :
MW4D

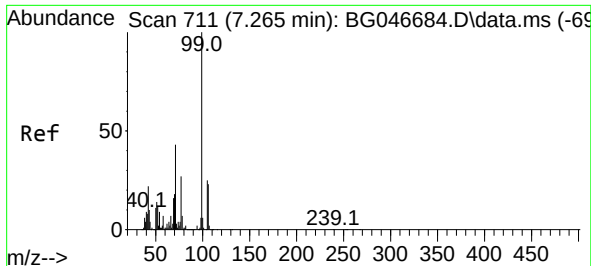
Tgt Ion:152 Resp: 65133
Ion Ratio Lower Upper
152 100
150 139.1 125.0 187.6
115 54.9 41.8 62.6



#5
2-Fluorophenol
Concen: 89.06 ng
RT: 5.667 min Scan# 396
Delta R.T. -0.003 min
Lab File: BG046822.D
Acq: 8 Oct 2020 19:29

Tgt Ion:112 Resp: 362090
Ion Ratio Lower Upper
112 100
64 61.9 46.7 70.1
63 36.7 22.8 34.2#

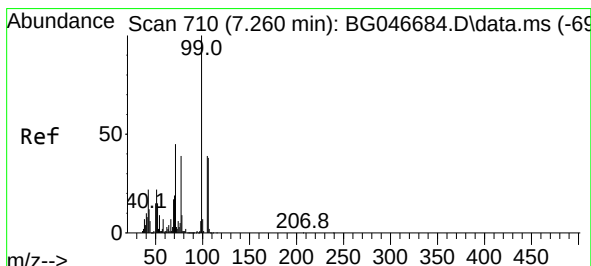
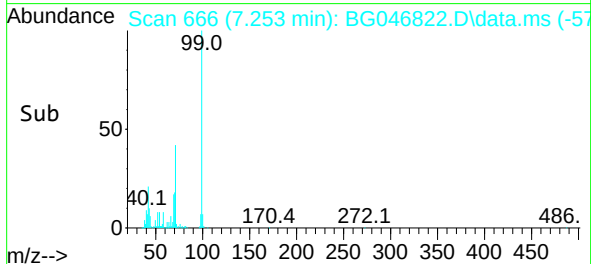
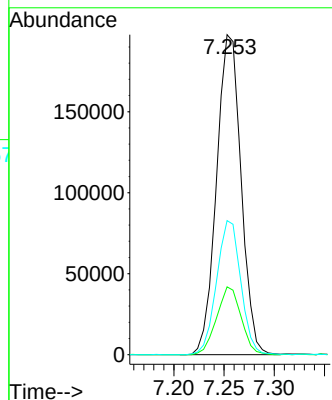
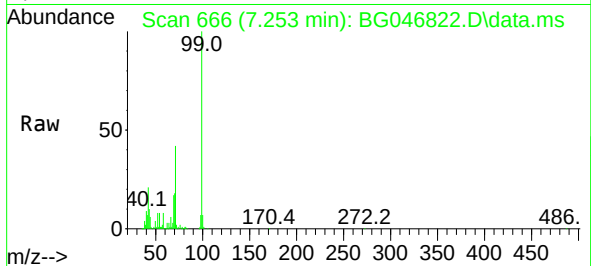




#7
Phenol-d6
Concen: 58.50 ng
RT: 7.253 min Scan# 666
Delta R.T. -0.003 min
Lab File: BG046822.D
Acq: 8 Oct 2020 19:29

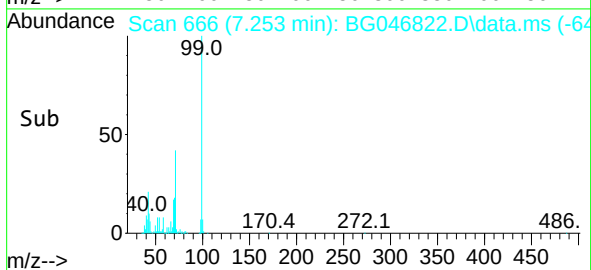
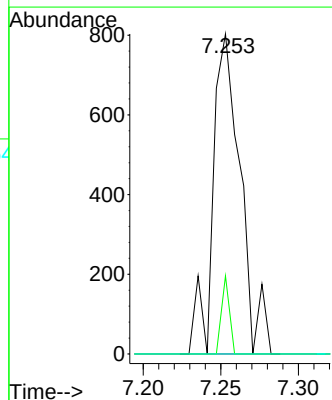
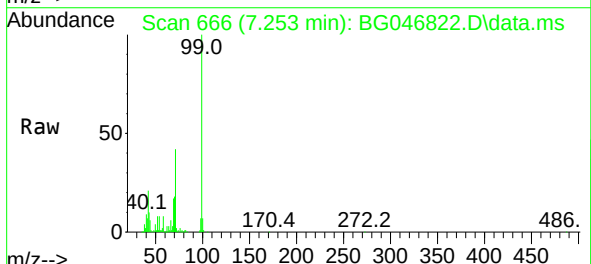
Instrument :
BNA_G
ClientSampleId :
MW4D

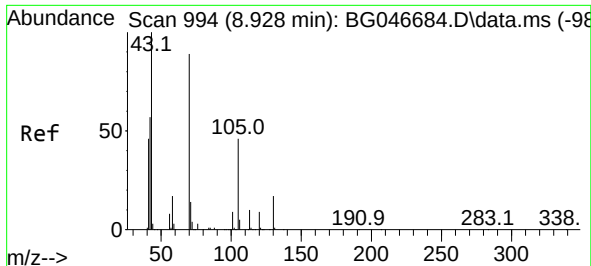
Tgt Ion: 99 Resp: 335491
Ion Ratio Lower Upper
99 100
42 21.2 12.8 19.2#
71 41.9 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.253 min Scan# 666
Delta R.T. 0.009 min
Lab File: BG046822.D
Acq: 8 Oct 2020 19:29

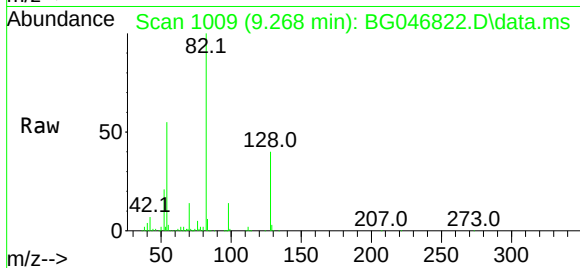
Tgt Ion: 77 Resp: 992
Ion Ratio Lower Upper
77 100
105 24.4 85.9 125.9#
106 0.0 80.9 120.9#



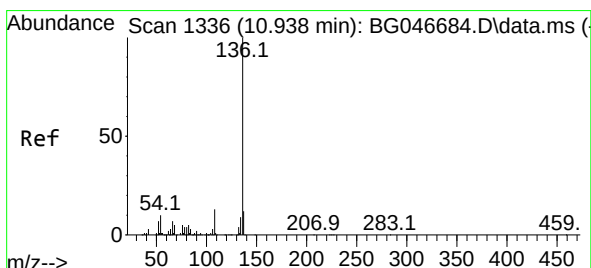
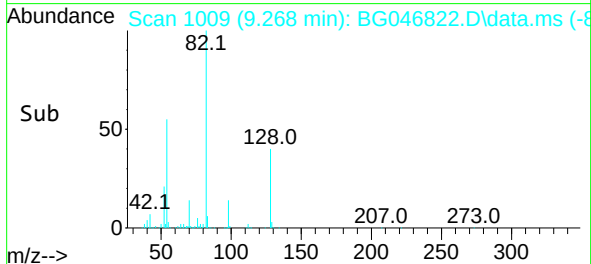
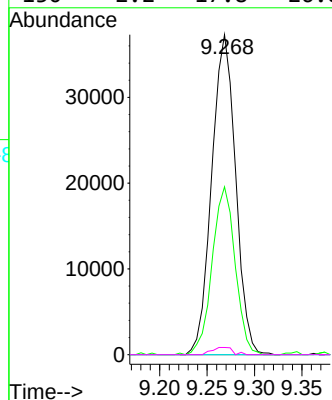


#19
n-Nitroso-di-n-propylamine
Concen: 16.63 ng
RT: 9.268 min Scan# 1009
Delta R.T. 0.355 min
Lab File: BG046822.D
Acq: 8 Oct 2020 19:29

Instrument :
BNA_G
ClientSampleId :
MW4D

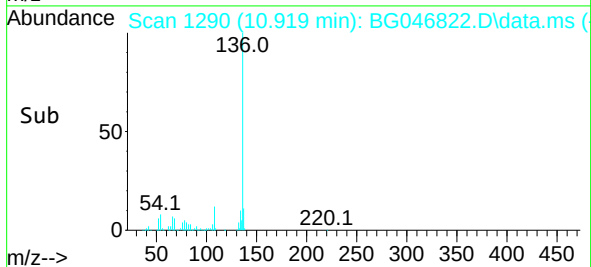
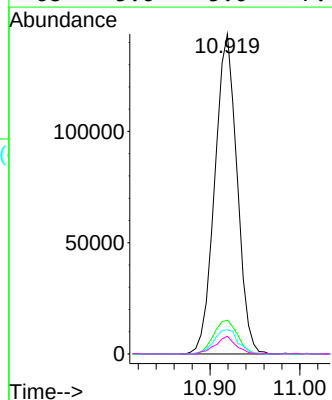
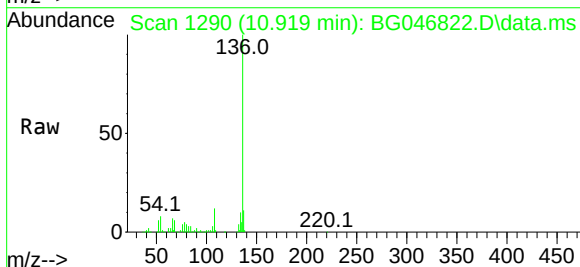


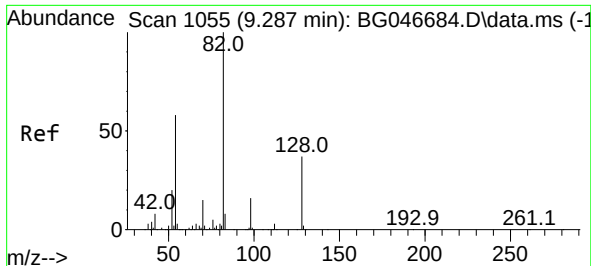
Tgt Ion:	70	Resp:	65405
Ion	Ratio	Lower	Upper
70	100		
42	52.4	45.6	68.4
101	0.0	8.4	12.6#
130	2.2	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.919 min Scan# 1290
Delta R.T. -0.003 min
Lab File: BG046822.D
Acq: 8 Oct 2020 19:29

Tgt Ion:	136	Resp:	246805
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	7.6	6.2	9.4
68	5.6	5.0	7.4





#23

Nitrobenzene-d5

Concen: 99.82 ng

RT: 9.268 min Scan# 1009

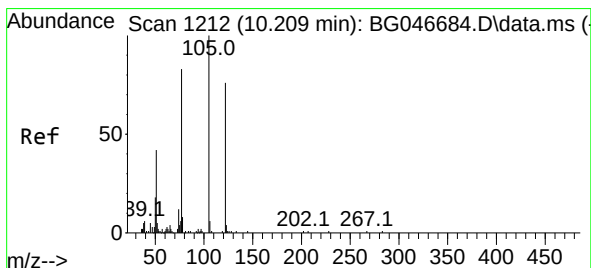
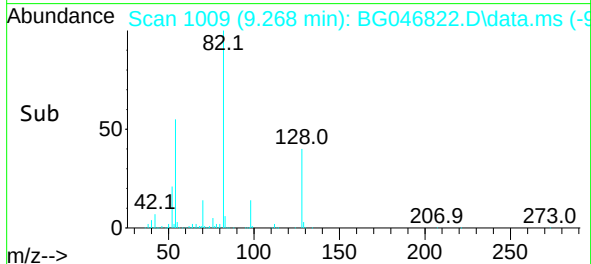
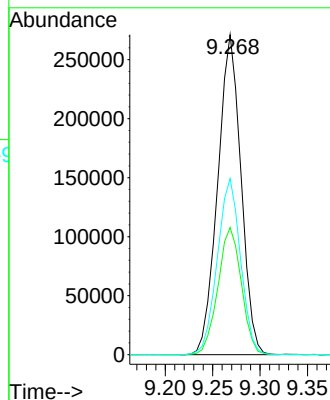
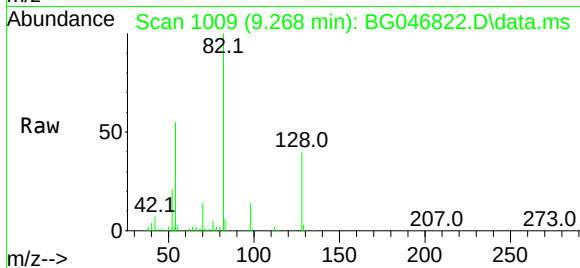
Delta R.T. -0.003 min

Lab File: BG046822.D

Acq: 8 Oct 2020 19:29

Tgt Ion: 82 Resp: 463099

Ion	Ratio	Lower	Upper
82	100		
128	39.8	37.0	55.6
54	55.0	39.0	58.4



#32

Benzoic acid

Concen: 6.36 ng

RT: 10.296 min Scan# 1184

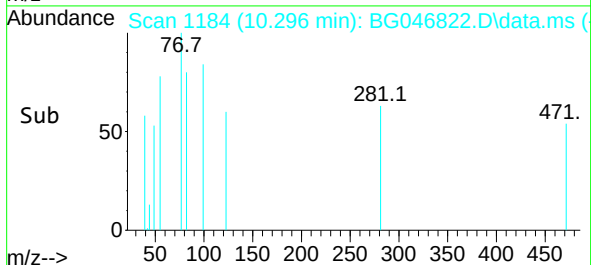
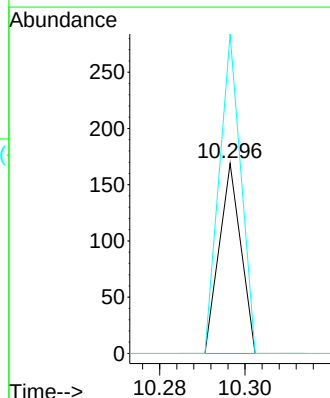
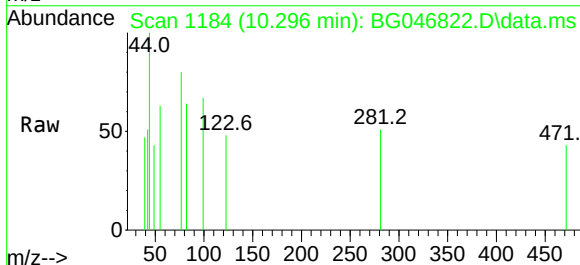
Delta R.T. 0.103 min

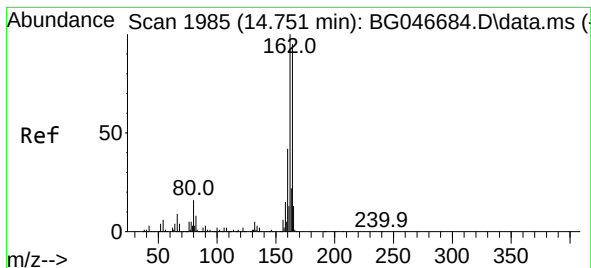
Lab File: BG046822.D

Acq: 8 Oct 2020 19:29

Tgt Ion: 122 Resp: 60

Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.7	143.7#
77	168.0	63.0	103.0#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.727 min Scan# 1938

Delta R.T. -0.009 min

Lab File: BG046822.D

Acq: 8 Oct 2020 19:29

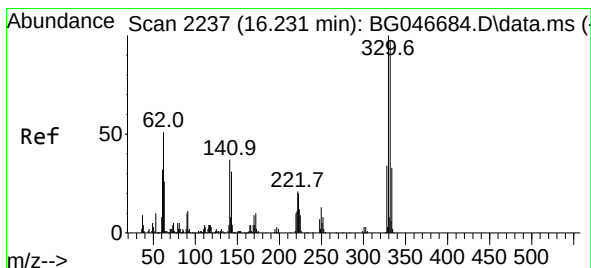
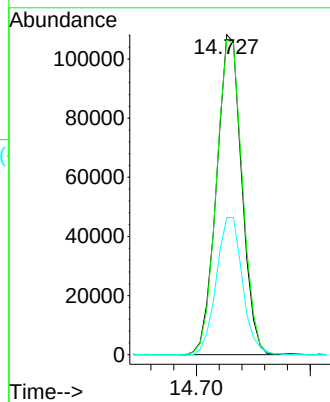
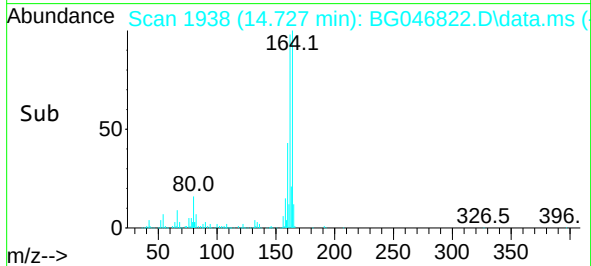
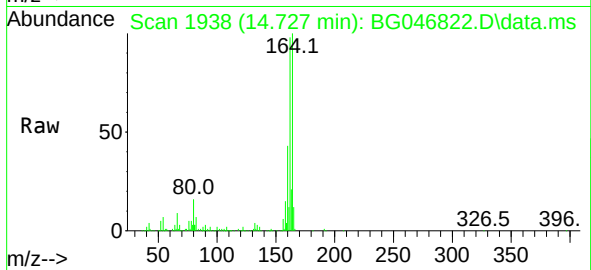
Tgt Ion:164 Resp: 166319

Ion Ratio Lower Upper

164 100

162 98.3 82.3 123.5

160 42.8 35.3 52.9



#42

2,4,6-Tribromophenol

Concen: 149.30 ng

RT: 16.213 min Scan# 2191

Delta R.T. -0.003 min

Lab File: BG046822.D

Acq: 8 Oct 2020 19:29

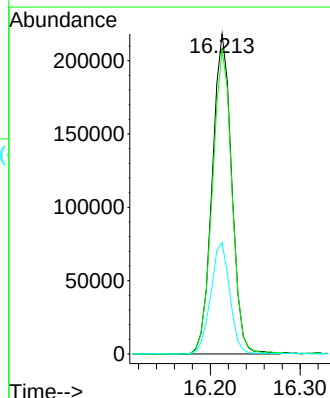
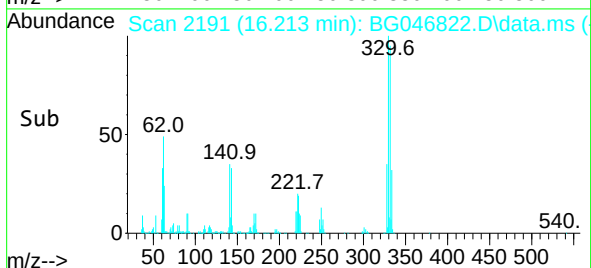
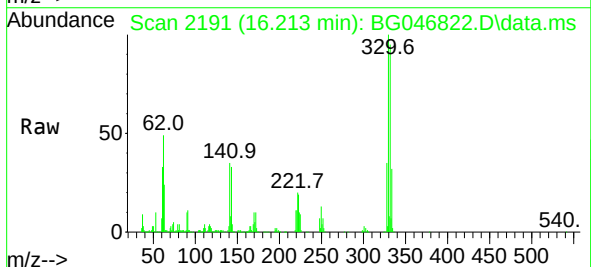
Tgt Ion:330 Resp: 327411

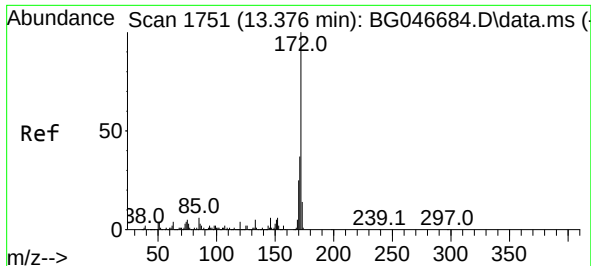
Ion Ratio Lower Upper

330 100

332 95.3 76.5 114.7

141 34.4 26.0 39.0

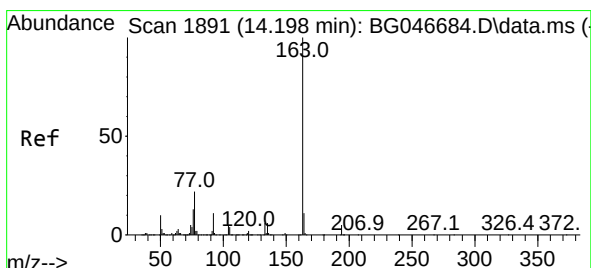
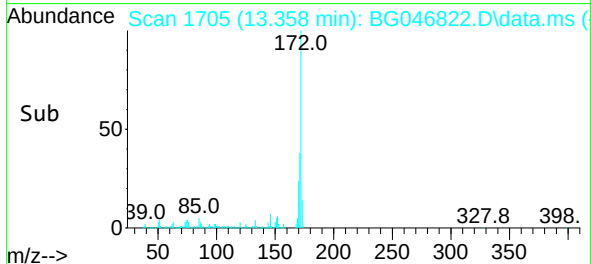
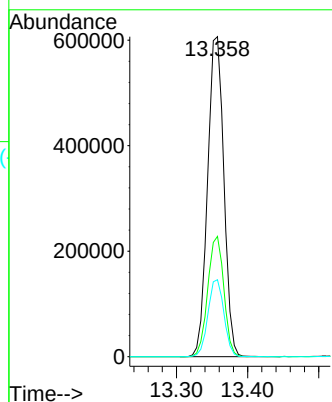
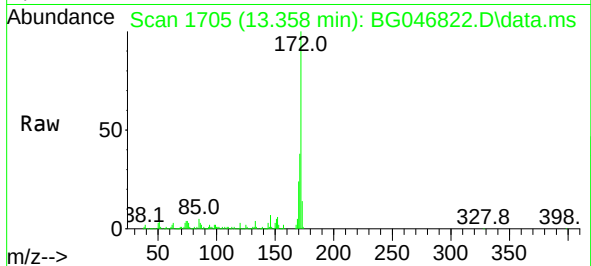




#45
2-Fluorobiphenyl
Concen: 82.19 ng
RT: 13.358 min Scan# 1705
Delta R.T. -0.003 min
Lab File: BG046822.D
Acq: 8 Oct 2020 19:29

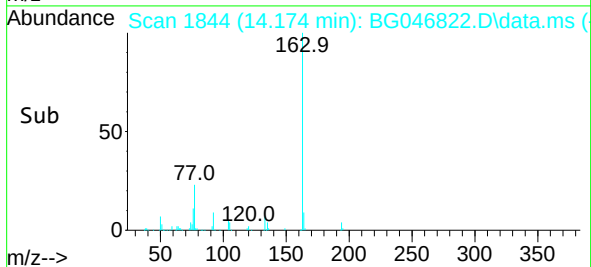
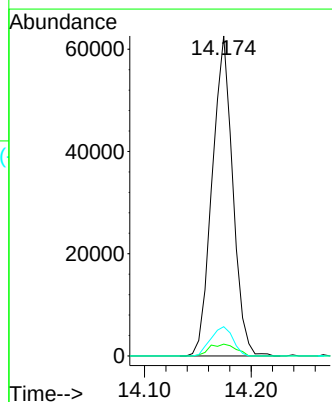
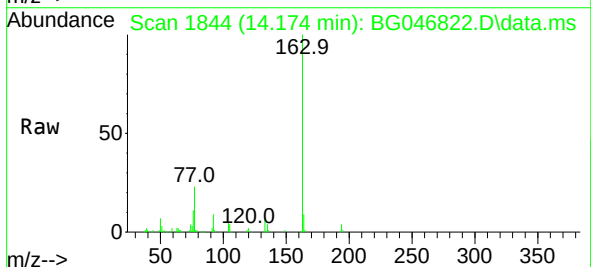
Instrument :
BNA_G
ClientSampleId :
MW4D

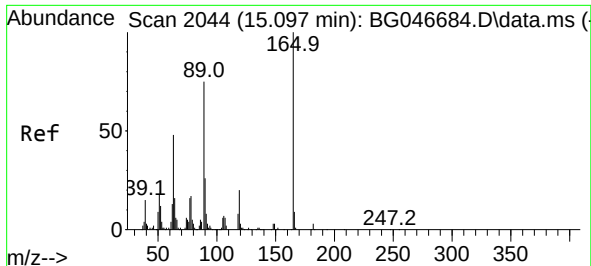
Tgt Ion:172	Resp:	965554	
Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.3	46.9
170	24.0	20.8	31.2



#50
Dimethylphthalate
Concen: 6.30 ng
RT: 14.174 min Scan# 1844
Delta R.T. -0.009 min
Lab File: BG046822.D
Acq: 8 Oct 2020 19:29

Tgt Ion:163	Resp:	83743	
Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.8	5.8#
164	9.1	8.8	13.2

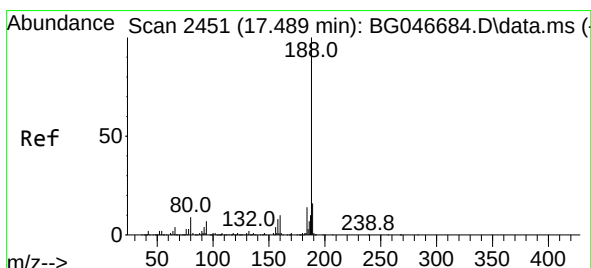
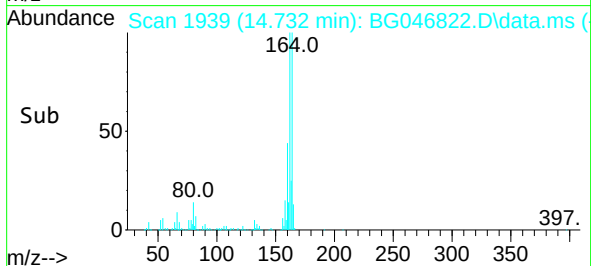
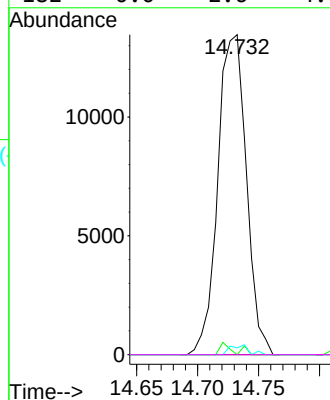
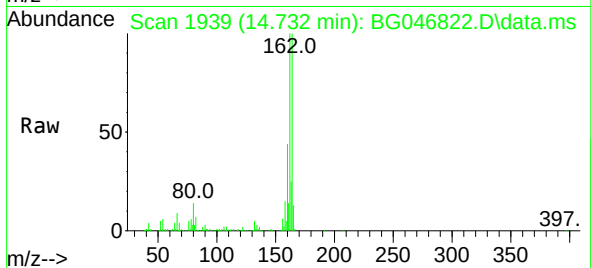




#57
2,4-Dinitrotoluene
Concen: 7.68 ng
RT: 14.732 min Scan# 1939
Delta R.T. -0.350 min
Lab File: BG046822.D
Acq: 8 Oct 2020 19:29

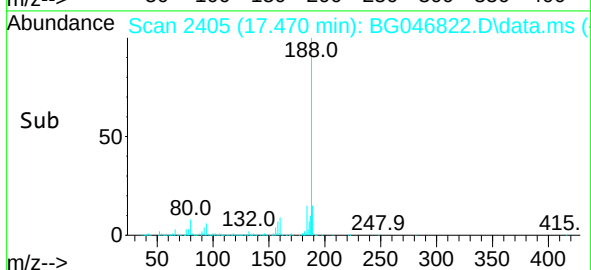
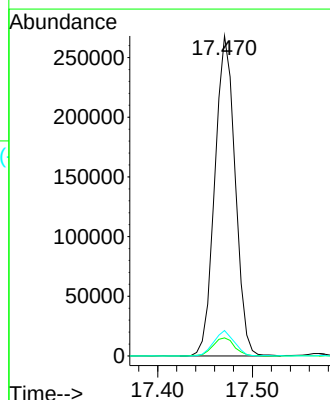
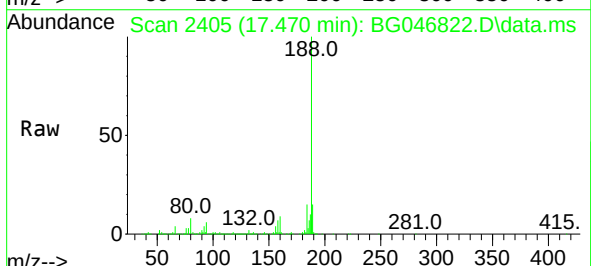
Instrument :
BNA_G
ClientSampleId :
MW4D

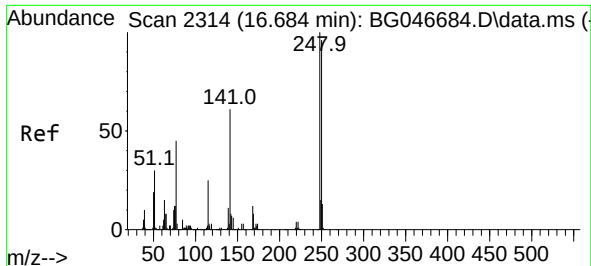
Tgt Ion:	165	Resp:	21950
Ion Ratio	Lower	Upper	
165	100		
63	0.0	26.4	39.6#
89	2.1	47.8	71.8#
182	0.0	2.6	4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.470 min Scan# 2405
Delta R.T. -0.009 min
Lab File: BG046822.D
Acq: 8 Oct 2020 19:29

Tgt Ion:	188	Resp:	399984
Ion Ratio	Lower	Upper	
188	100		
94	5.6	6.3	9.5#
80	7.9	7.0	10.6

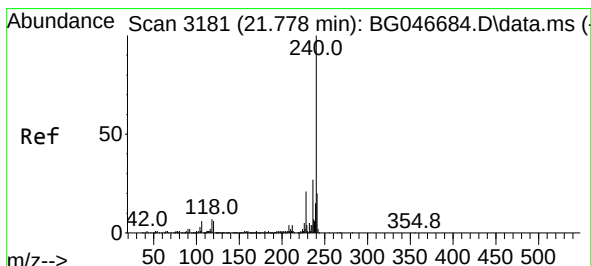
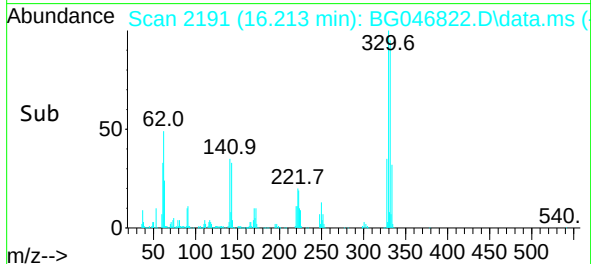
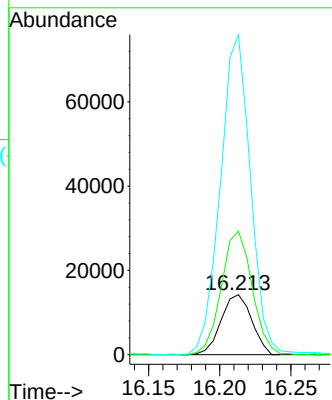
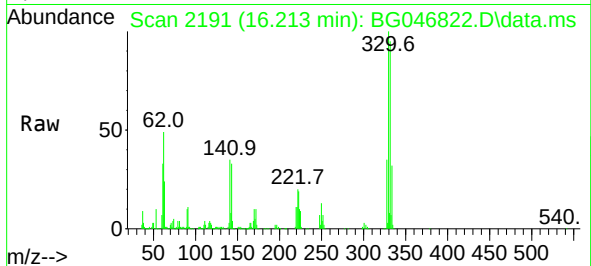




#67
4-Bromophenyl-phenylether
Concen: 4.22 ng
RT: 16.213 min Scan# 2191
Delta R.T. -0.449 min
Lab File: BG046822.D
Acq: 8 Oct 2020 19:29

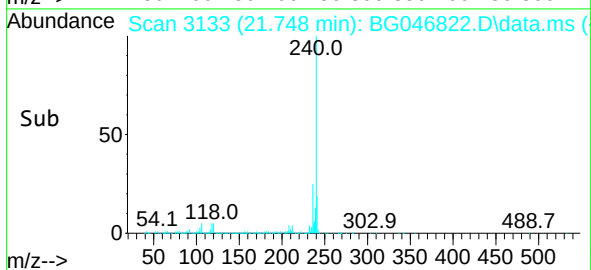
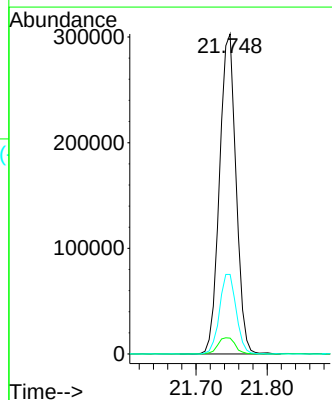
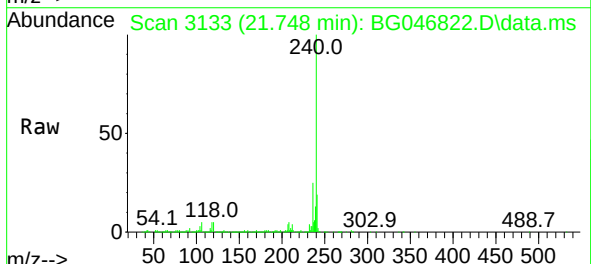
Instrument :
BNA_G
ClientSampleId :
MW4D

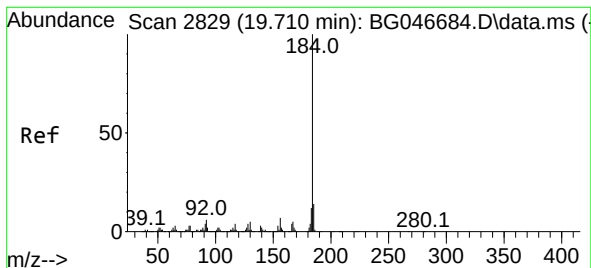
Tgt Ion:248 Resp: 21319
Ion Ratio Lower Upper
248 100
250 207.5 78.9 118.3#
141 411.0 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.748 min Scan# 3133
Delta R.T. -0.009 min
Lab File: BG046822.D
Acq: 8 Oct 2020 19:29

Tgt Ion:240 Resp: 486565
Ion Ratio Lower Upper
240 100
120 4.9 6.2 9.4#
236 24.9 20.5 30.7





#77

Benzidine

Concen: 2.19 ng

RT: 20.079 min Scan# 2849

Delta R.T. 0.379 min

Lab File: BG046822.D

Acq: 8 Oct 2020 19:29

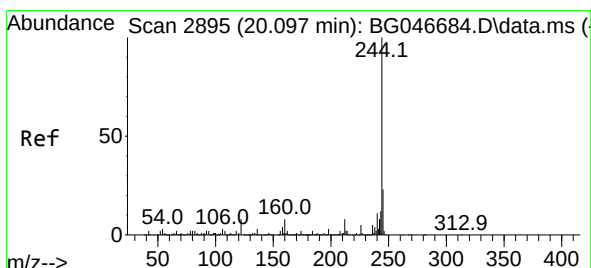
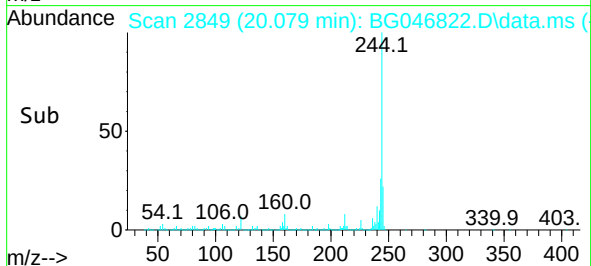
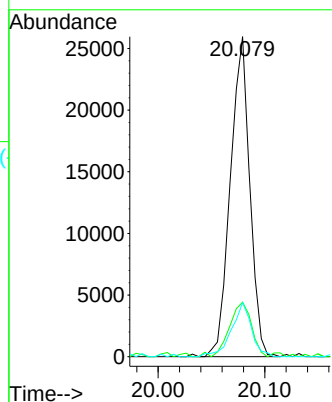
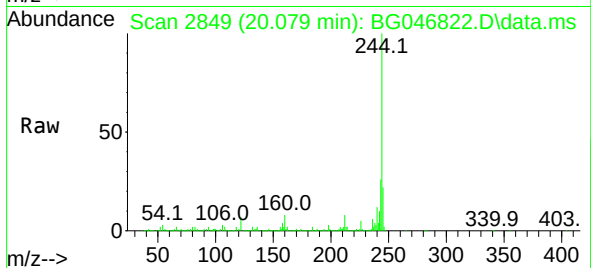
Tgt Ion:184 Resp: 32887

Ion Ratio Lower Upper

184 100

185 17.0 12.4 18.6

183 16.9 10.6 15.8#



#79

Terphenyl-d14

Concen: 75.16 ng

RT: 20.079 min Scan# 2849

Delta R.T. -0.003 min

Lab File: BG046822.D

Acq: 8 Oct 2020 19:29

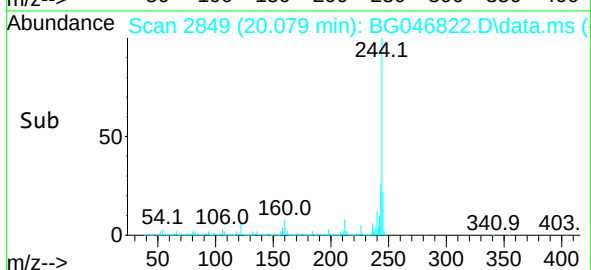
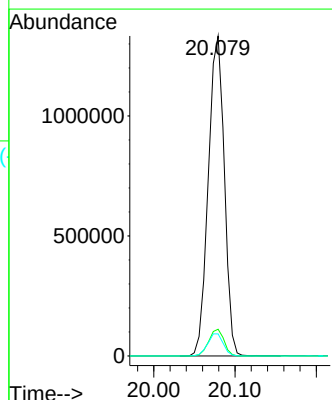
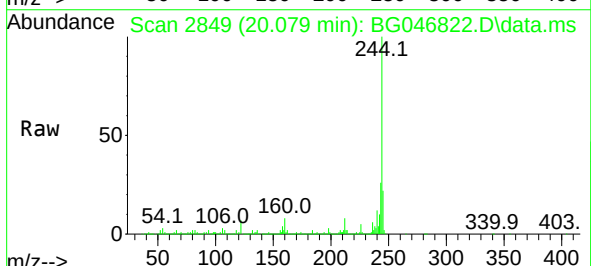
Tgt Ion:244 Resp: 1824597

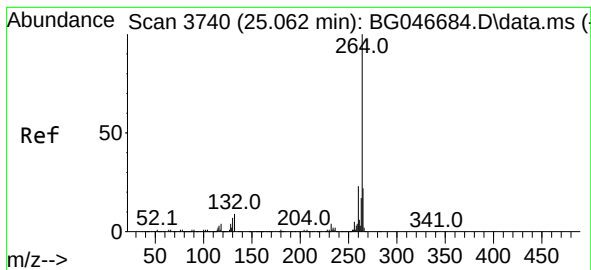
Ion Ratio Lower Upper

244 100

212 8.4 6.7 10.1

122 6.9 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.015 min Scan# 3689
 Delta R.T. -0.015 min
 Lab File: BG046822.D
 Acq: 8 Oct 2020 19:29

Instrument :
 BNA_G
 ClientSampleId :
 MW4D

Tgt Ion:264 Resp: 521792
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.8 28.2
 265 21.5 17.8 26.8

