

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100920\
 Data File : BG046838.D
 Acq On : 9 Oct 2020 17:43
 Operator : CG/JU
 Sample : L4233-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 55-ST-29

Quant Time: Oct 09 18:21:28 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)

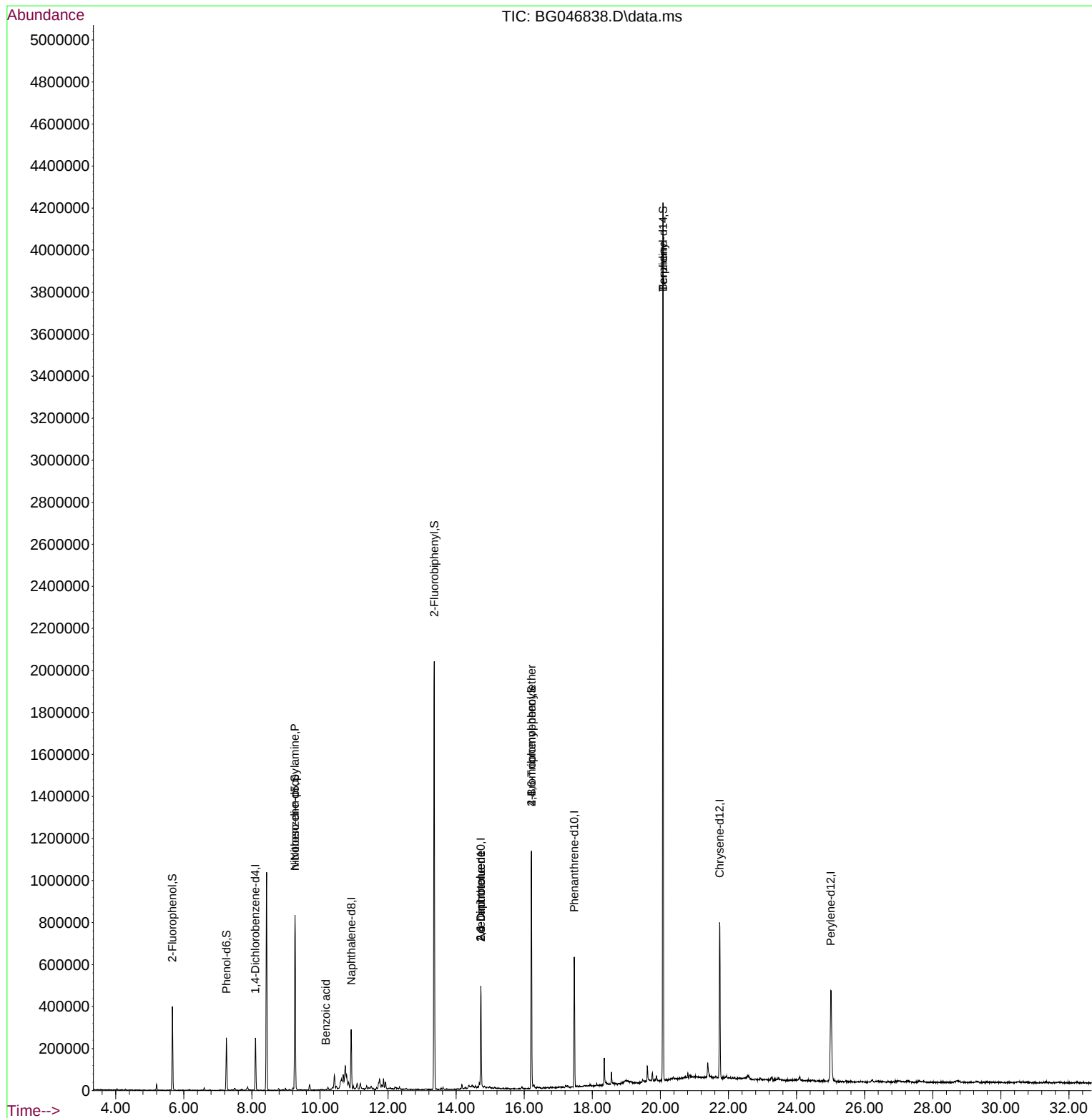
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.103	152	68372	20.00	ng	0.00
21) Naphthalene-d8	10.918	136	234409	20.00	ng	# 0.00
39) Acenaphthene-d10	14.725	164	165553	20.00	ng	-0.01
64) Phenanthrene-d10	17.469	188	404689	20.00	ng	-0.01
76) Chrysene-d12	21.740	240	483480	20.00	ng	#-0.02
86) Perylene-d12	25.007	264	498892	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.665	112	158642	37.17	ng	0.00
7) Phenol-d6	7.251	99	130302	21.64	ng	0.00
23) Nitrobenzene-d5	9.267	82	496347	112.65	ng	0.00
42) 2,4,6-Tribromophenol	16.212	330	226548	103.78	ng	0.00
45) 2-Fluorobiphenyl	13.356	172	1074889	91.92	ng	0.00
79) Terphenyl-d14	20.078	244	2007571	83.22	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.251	77	503	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.267	70	70390	17.05	ng	# 80
32) Benzoic acid	10.172	122	70	6.37	ng	# 30
51) 2,6-Dinitrotoluene	14.725	165	22228	10.34	ng	# 35
57) 2,4-Dinitrotoluene	14.725	165	22228	7.81	ng	# 33
67) 4-Bromophenyl-phenylether	16.212	248	15192	2.97	ng	# 1
77) Benzidine	20.078	184	34047	2.28	ng	# 87

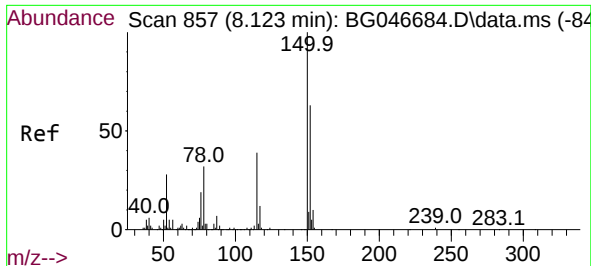
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100920\
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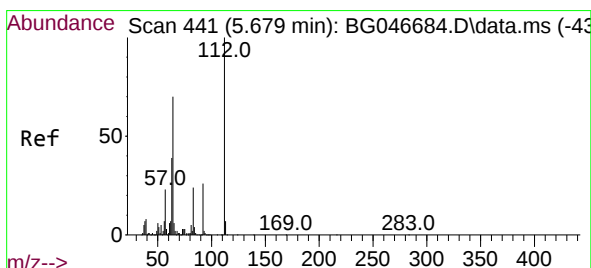
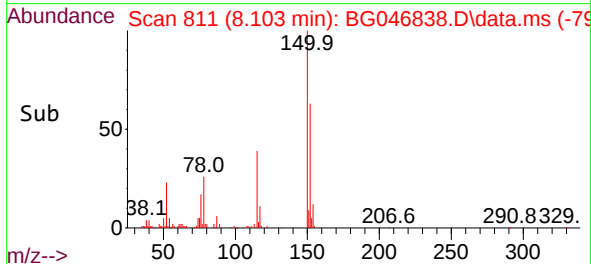
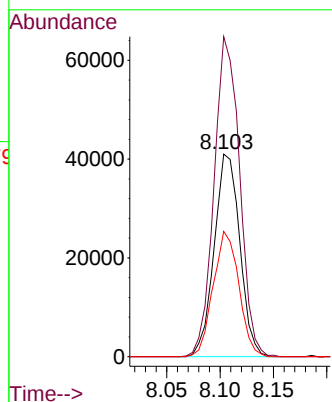
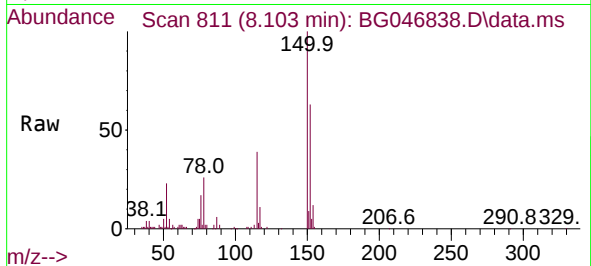




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.103 min Scan# 811
Delta R.T. -0.005 min
Lab File: BG046838.D
Acq: 9 Oct 2020 17:43

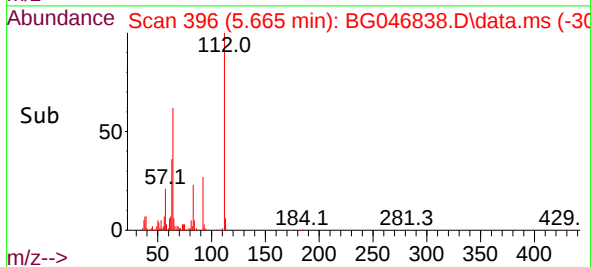
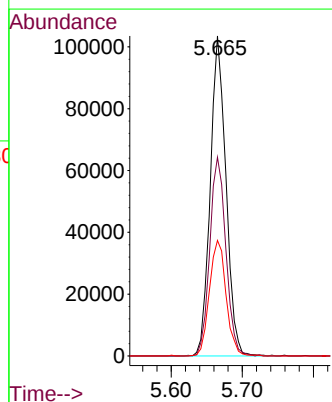
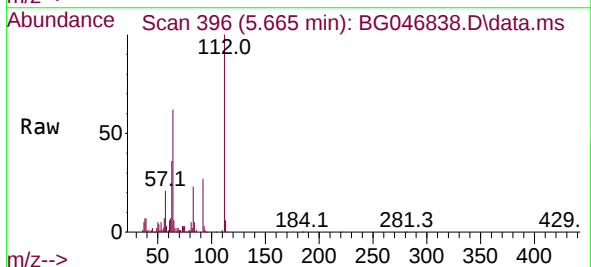
Instrument :
BNA_G
ClientSampleId :
55-ST-29

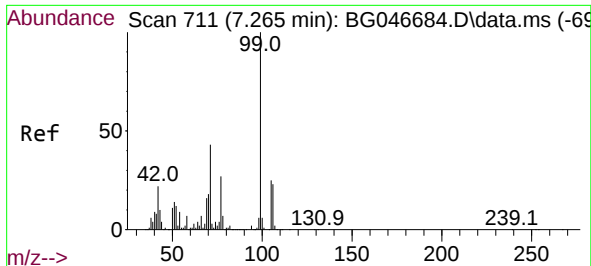
Tgt Ion:152 Resp: 68372
Ion Ratio Lower Upper
152 100
150 158.0 125.0 187.6
115 61.9 41.8 62.6



#5
2-Fluorophenol
Concen: 37.17 ng
RT: 5.665 min Scan# 396
Delta R.T. -0.004 min
Lab File: BG046838.D
Acq: 9 Oct 2020 17:43

Tgt Ion:112 Resp: 158642
Ion Ratio Lower Upper
112 100
64 62.1 46.7 70.1
63 36.1 22.8 34.2#

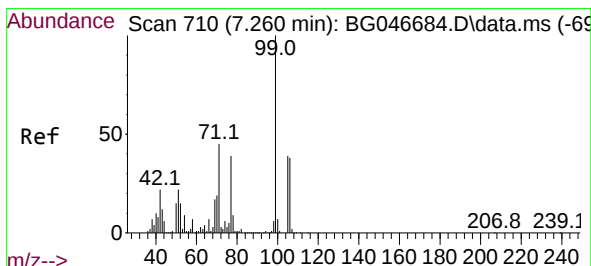
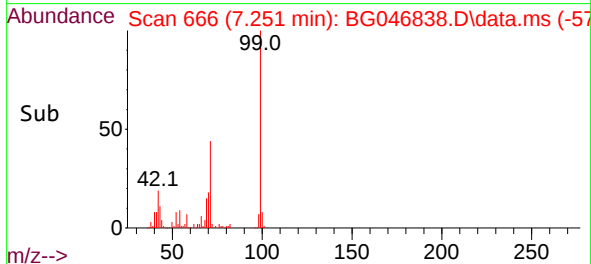
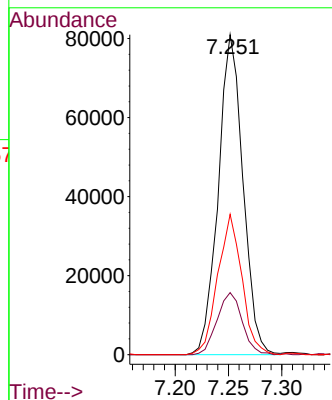
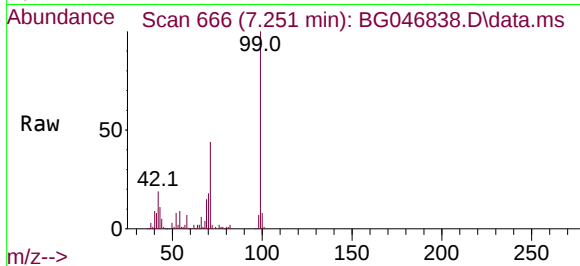




#7
Phenol-d6
Concen: 21.64 ng
RT: 7.251 min Scan# 666
Delta R.T. -0.004 min
Lab File: BG046838.D
Acq: 9 Oct 2020 17:43

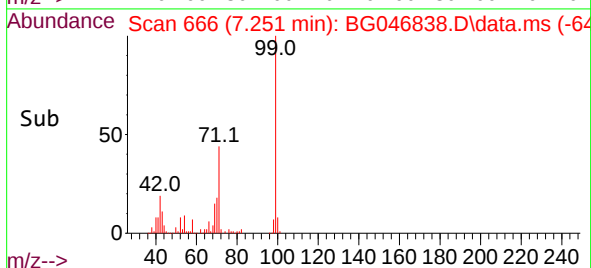
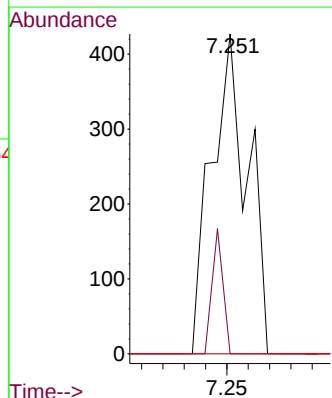
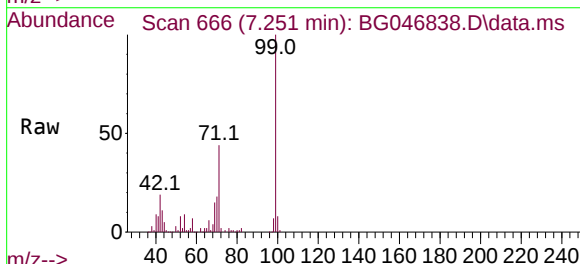
Instrument :
BNA_G
ClientSampleId :
55-ST-29

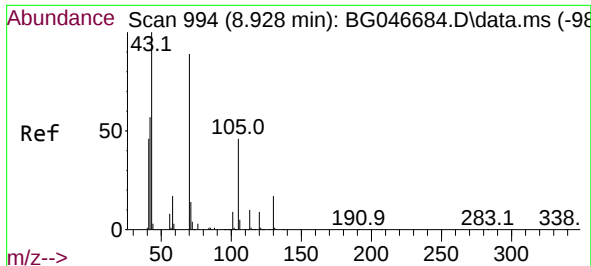
Tgt Ion: 99 Resp: 130302
Ion Ratio Lower Upper
99 100
42 19.4 12.8 19.2#
71 43.8 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.251 min Scan# 666
Delta R.T. 0.007 min
Lab File: BG046838.D
Acq: 9 Oct 2020 17:43

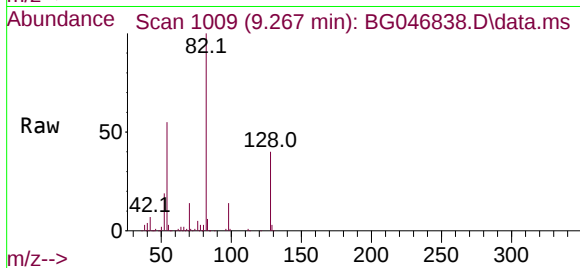
Tgt Ion: 77 Resp: 503
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#



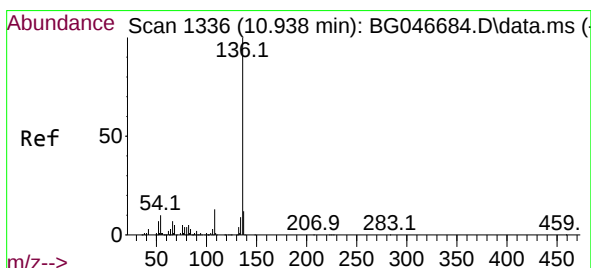
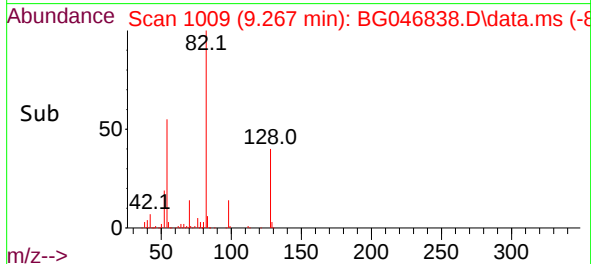
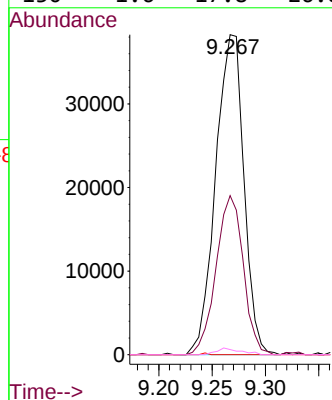


#19
n-Nitroso-di-n-propylamine
Concen: 17.05 ng
RT: 9.267 min Scan# 1009
Delta R.T. 0.354 min
Lab File: BG046838.D
Acq: 9 Oct 2020 17:43

Instrument :
BNA_G
ClientSampleId :
55-ST-29

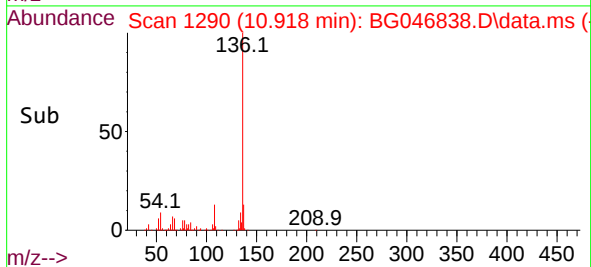
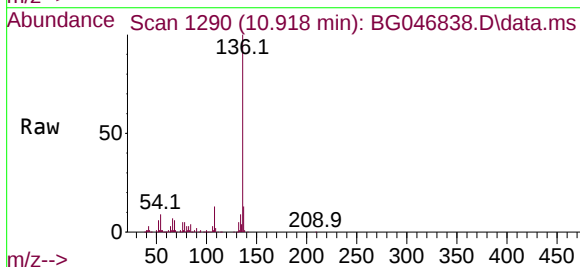
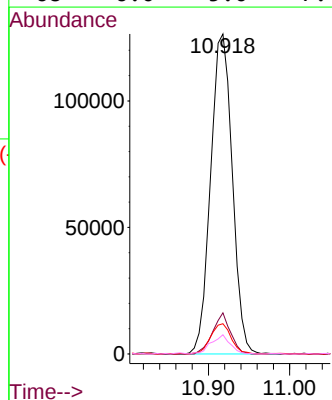


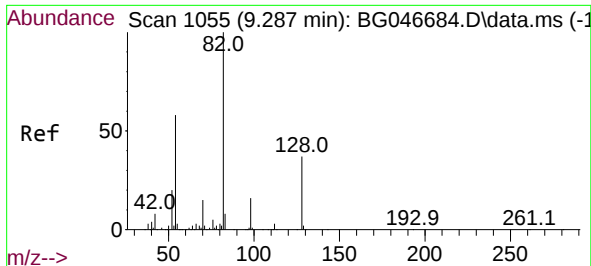
Tgt Ion: 70 Resp: 70390
Ion Ratio Lower Upper
70 100
42 49.7 45.6 68.4
101 0.0 8.4 12.6#
130 1.6 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.918 min Scan# 1290
Delta R.T. -0.004 min
Lab File: BG046838.D
Acq: 9 Oct 2020 17:43

Tgt Ion:136 Resp: 234409
Ion Ratio Lower Upper
136 100
137 12.8 9.1 13.7
54 9.5 6.2 9.4#
68 6.0 5.0 7.4

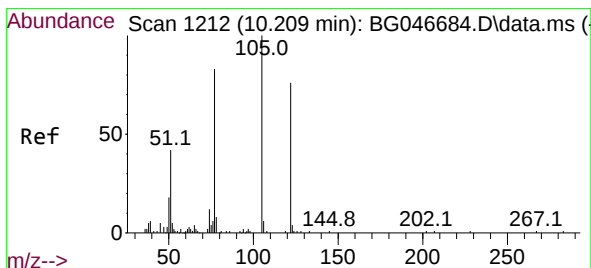
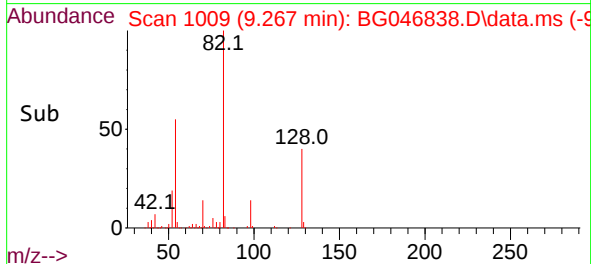
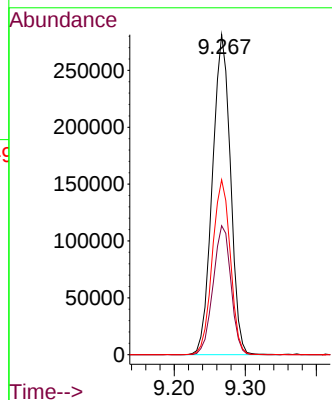
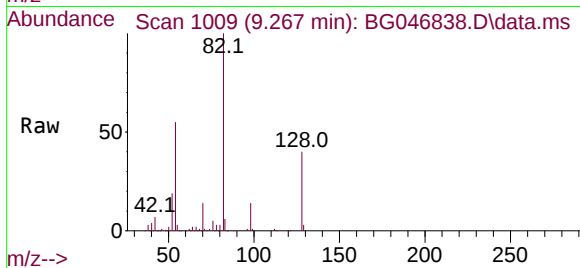




#23
Nitrobenzene-d5
Concen: 112.65 ng
RT: 9.267 min Scan# 1009
Delta R.T. -0.004 min
Lab File: BG046838.D
Acq: 9 Oct 2020 17:43

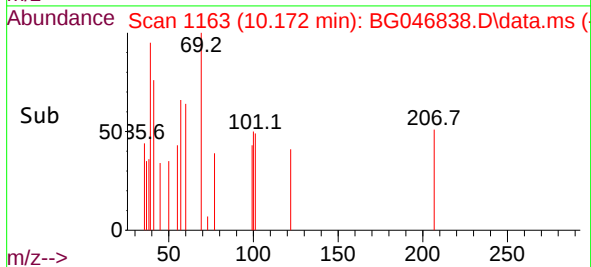
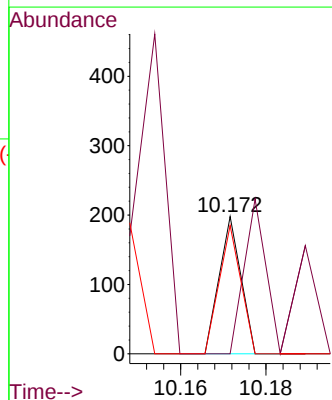
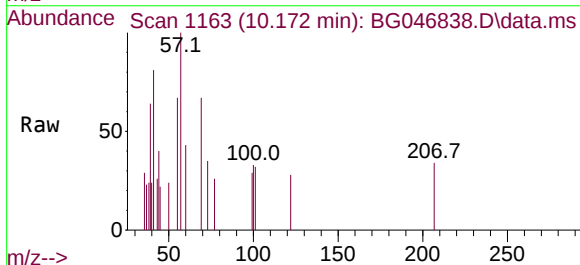
Instrument :
BNA_G
ClientSampleId :
55-ST-29

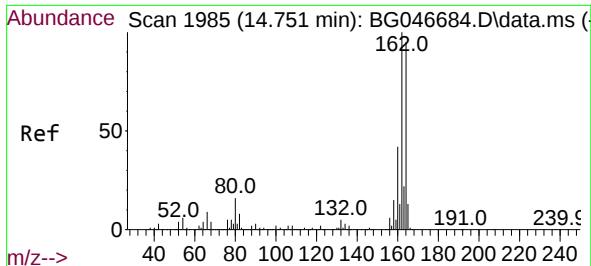
Tgt Ion: 82 Resp: 496347
Ion Ratio Lower Upper
82 100
128 40.3 37.0 55.6
54 54.7 39.0 58.4



#32
Benzoic acid
Concen: 6.37 ng
RT: 10.172 min Scan# 1163
Delta R.T. -0.022 min
Lab File: BG046838.D
Acq: 9 Oct 2020 17:43

Tgt Ion:122 Resp: 70
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 93.4 63.0 103.0

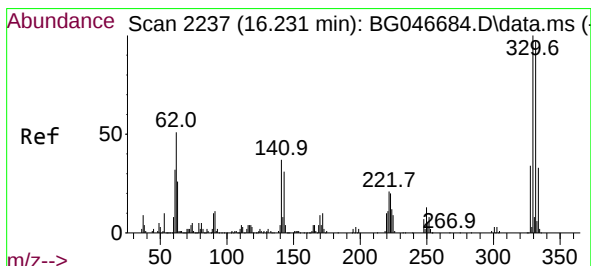
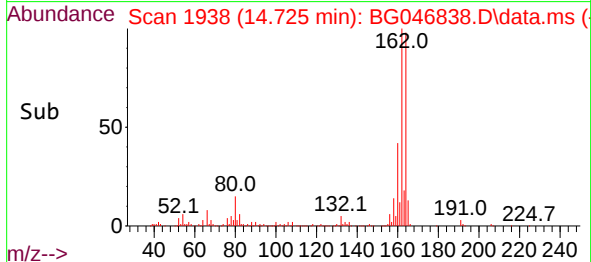
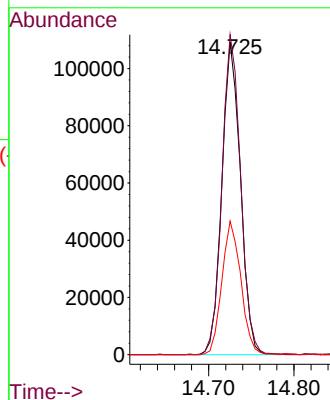
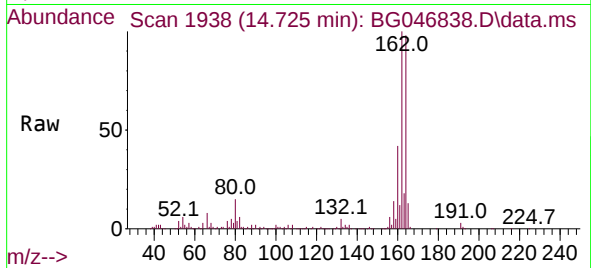




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.725 min Scan# 1938
Delta R.T. -0.010 min
Lab File: BG046838.D
Acq: 9 Oct 2020 17:43

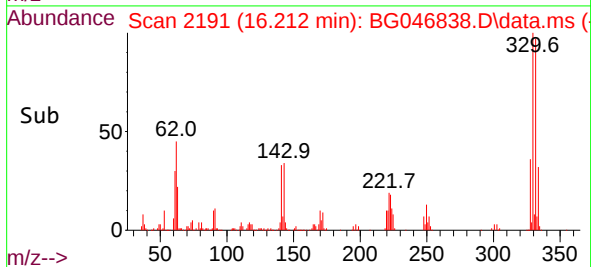
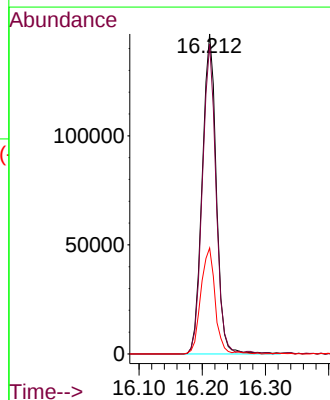
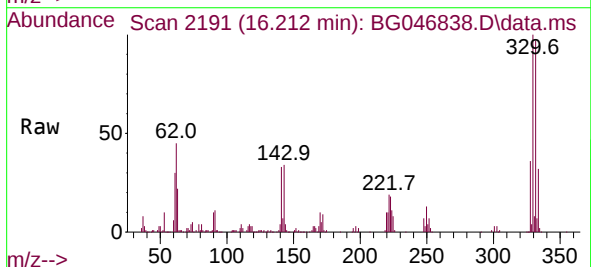
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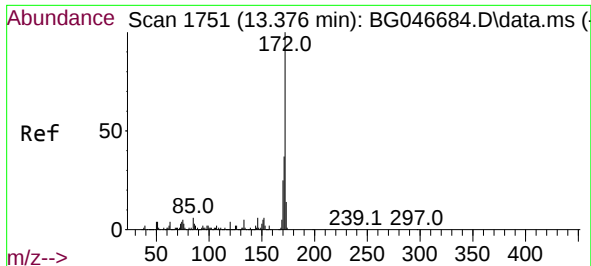
Tgt Ion:164 Resp: 165553
Ion Ratio Lower Upper
164 100
162 102.4 82.3 123.5
160 42.7 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 103.78 ng
RT: 16.212 min Scan# 2191
Delta R.T. -0.004 min
Lab File: BG046838.D
Acq: 9 Oct 2020 17:43

Tgt Ion:330 Resp: 226548
Ion Ratio Lower Upper
330 100
332 93.9 76.5 114.7
141 33.8 26.0 39.0

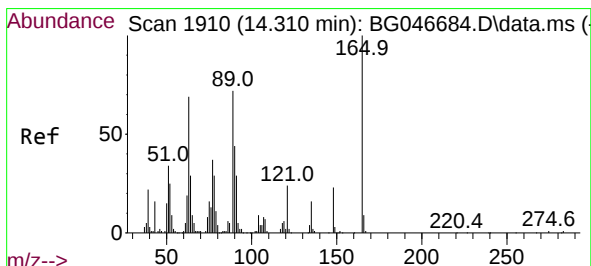
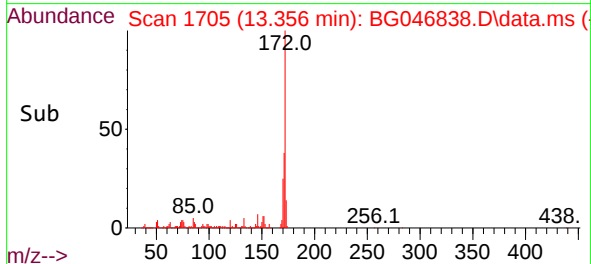
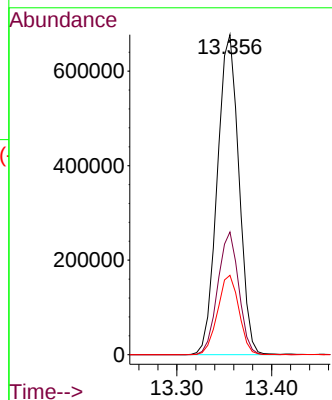
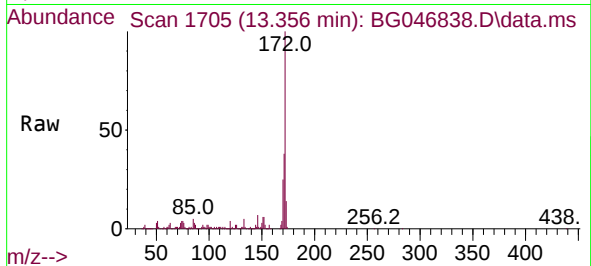




#45
2-Fluorobiphenyl
Concen: 91.92 ng
RT: 13.356 min Scan# 1705
Delta R.T. -0.004 min
Lab File: BG046838.D
Acq: 9 Oct 2020 17:43

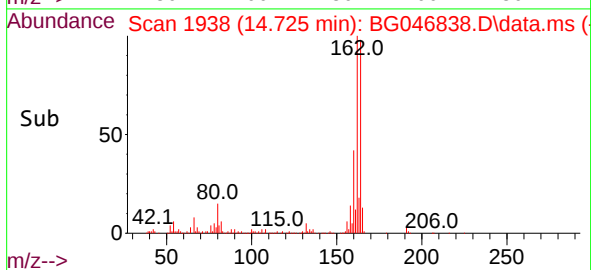
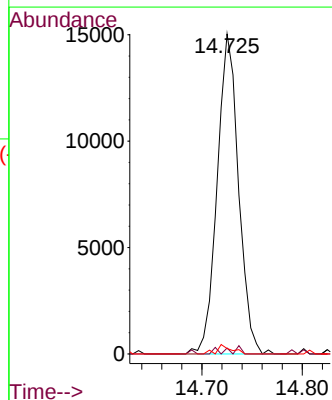
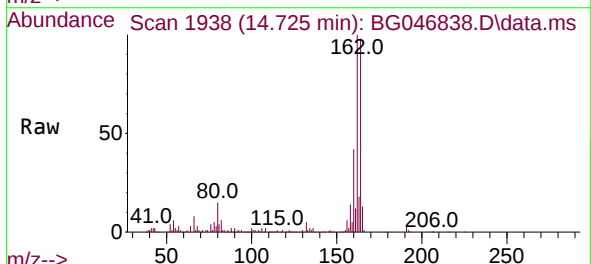
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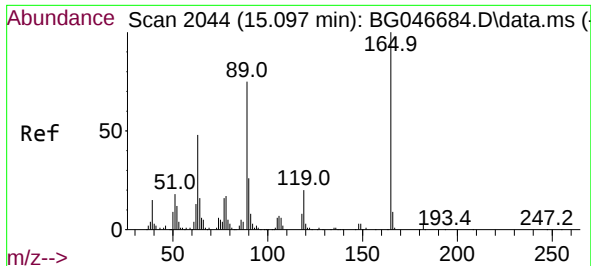
Tgt Ion:172 Resp: 1074889
Ion Ratio Lower Upper
172 100
171 38.3 31.3 46.9
170 24.8 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 10.34 ng
RT: 14.725 min Scan# 1938
Delta R.T. 0.424 min
Lab File: BG046838.D
Acq: 9 Oct 2020 17:43

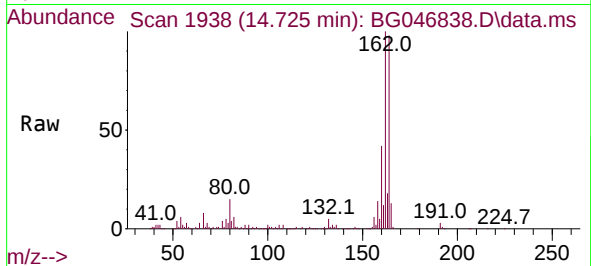
Tgt Ion:165 Resp: 22228
Ion Ratio Lower Upper
165 100
63 1.8 33.7 50.5#
89 1.7 36.6 54.8#



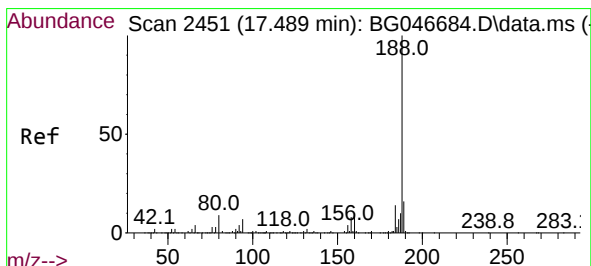
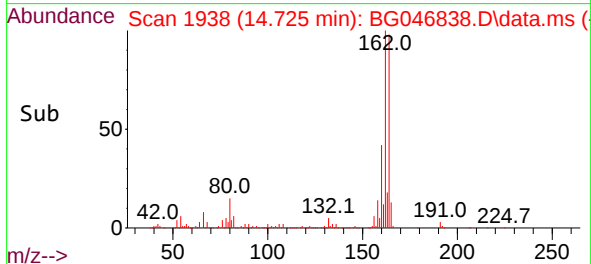
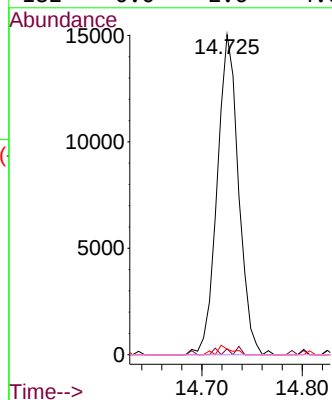


#57
2,4-Dinitrotoluene
Concen: 7.81 ng
RT: 14.725 min Scan# 1938
Delta R.T. -0.357 min
Lab File: BG046838.D
Acq: 9 Oct 2020 17:43

Instrument :
BNA_G
ClientSampleId :
55-ST-29

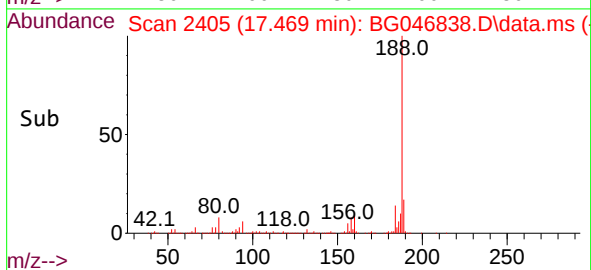
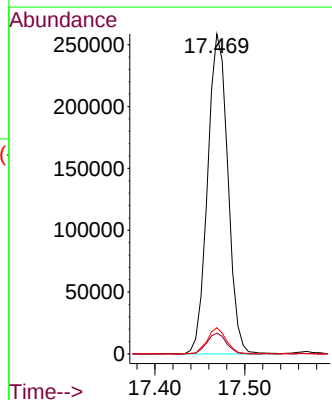
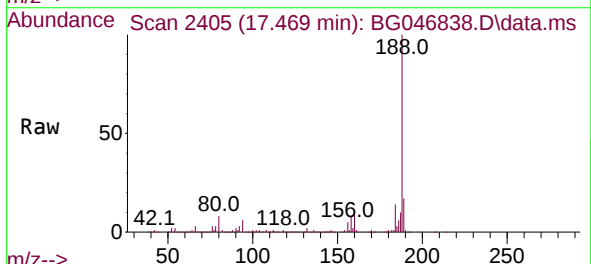


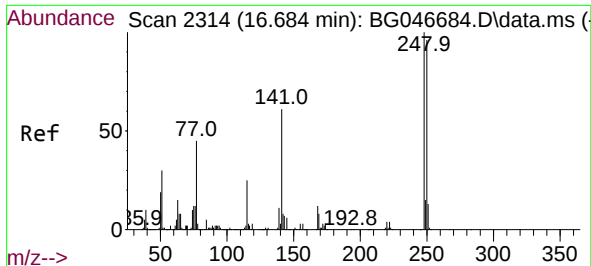
Tgt Ion:165 Resp: 22228
Ion Ratio Lower Upper
165 100
63 1.8 26.4 39.6#
89 1.7 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.469 min Scan# 2405
Delta R.T. -0.010 min
Lab File: BG046838.D
Acq: 9 Oct 2020 17:43

Tgt Ion:188 Resp: 404689
Ion Ratio Lower Upper
188 100
94 6.5 6.3 9.5
80 8.2 7.0 10.6

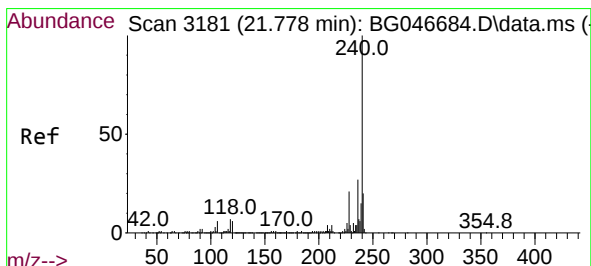
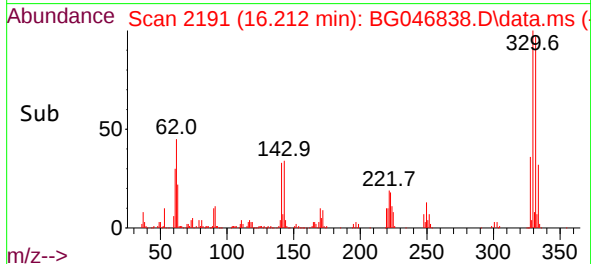
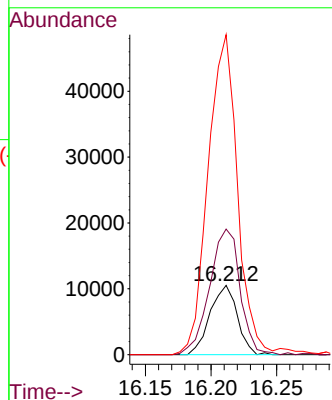
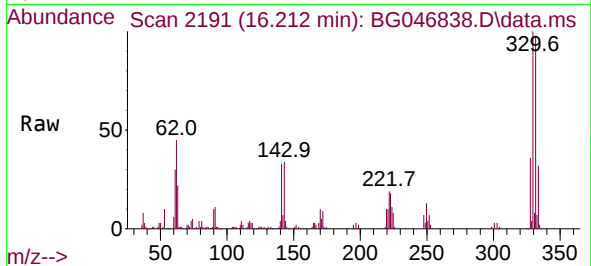




#67
4-Bromophenyl-phenylether
Concen: 2.97 ng
RT: 16.212 min Scan# 2191
Delta R.T. -0.451 min
Lab File: BG046838.D
Acq: 9 Oct 2020 17:43

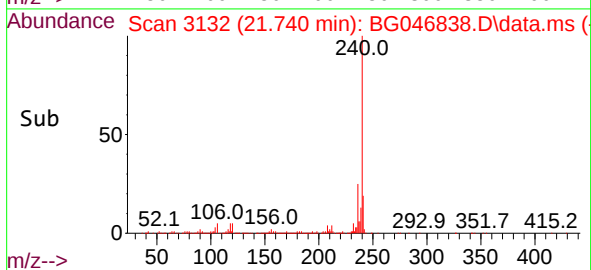
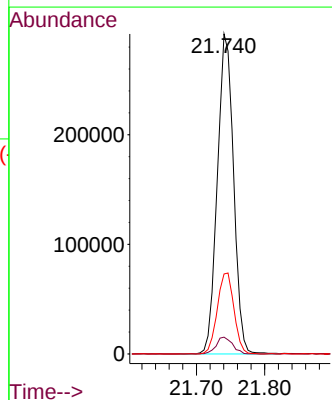
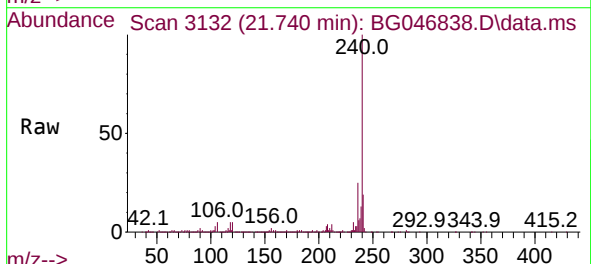
Instrument :
BNA_G
ClientSampled :
55-ST-29

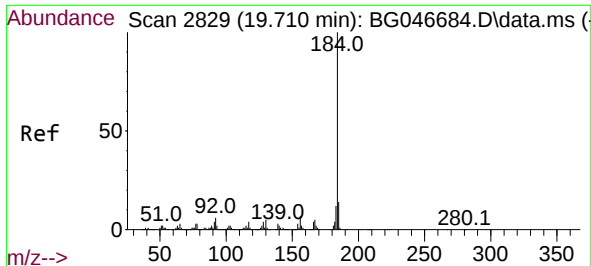
Tgt Ion:248 Resp: 15192
Ion Ratio Lower Upper
248 100
250 171.2 78.9 118.3#
141 325.9 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.740 min Scan# 3132
Delta R.T. -0.016 min
Lab File: BG046838.D
Acq: 9 Oct 2020 17:43

Tgt Ion:240 Resp: 483480
Ion Ratio Lower Upper
240 100
120 5.3 6.2 9.4#
236 25.0 20.5 30.7

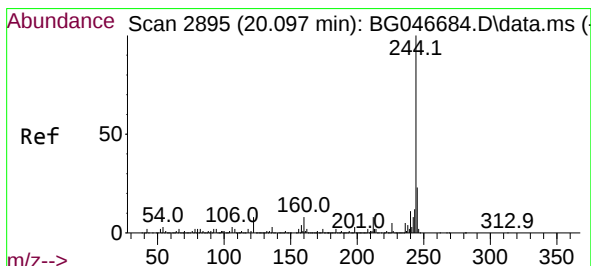
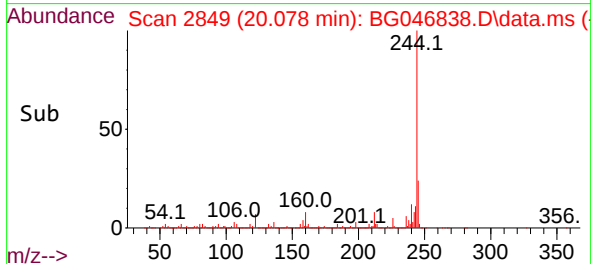
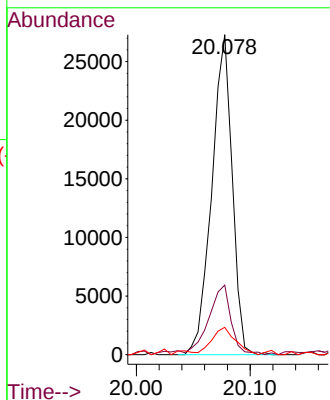
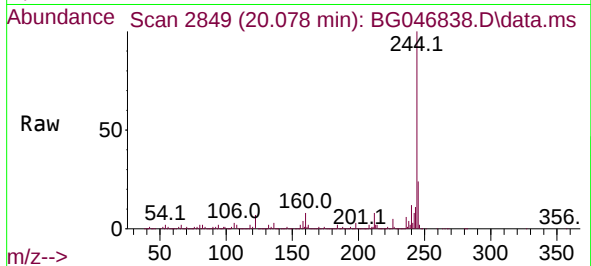




#77
Benzidine
Concen: 2.28 ng
RT: 20.078 min Scan# 2849
Delta R.T. 0.377 min
Lab File: BG046838.D
Acq: 9 Oct 2020 17:43

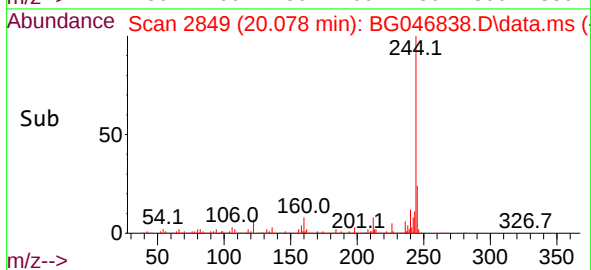
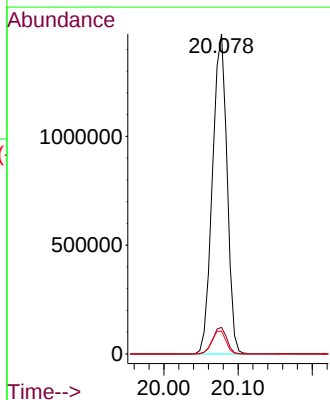
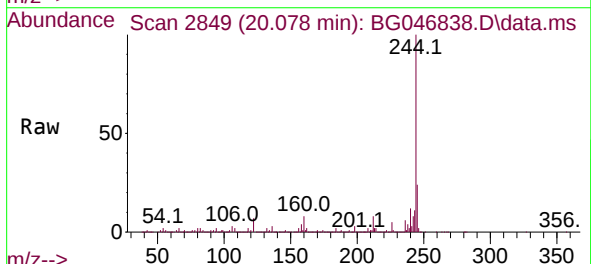
Instrument :
BNA_G
ClientSampled :
55-ST-29

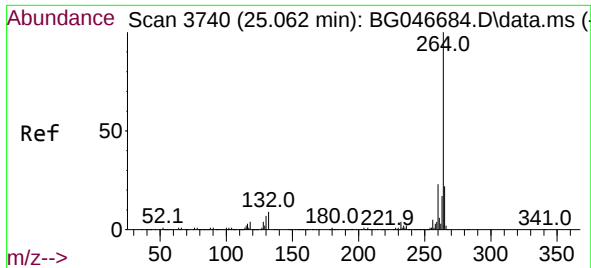
Tgt Ion:184 Resp: 34047
Ion Ratio Lower Upper
184 100
185 21.7 12.4 18.6#
183 8.6 10.6 15.8#



#79
Terphenyl-d14
Concen: 83.22 ng
RT: 20.078 min Scan# 2849
Delta R.T. -0.004 min
Lab File: BG046838.D
Acq: 9 Oct 2020 17:43

Tgt Ion:244 Resp: 2007571
Ion Ratio Lower Upper
244 100
212 8.3 6.7 10.1
122 7.1 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.007 min Scan# 3688
 Delta R.T. -0.022 min
 Lab File: BG046838.D
 Acq: 9 Oct 2020 17:43

Instrument :
 BNA_G
 ClientSampleId :
 55-ST-29

Tgt Ion:264 Resp: 498892
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.8 28.2
 265 20.9 17.8 26.8

