

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030421\
 Data File : BG048328.D
 Acq On : 4 Mar 2021 14:42
 Operator : CG/JU
 Sample : M1545-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-725

Quant Time: Mar 04 15:22:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 03 16:40:27 2021
 Response via : Initial Calibration

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

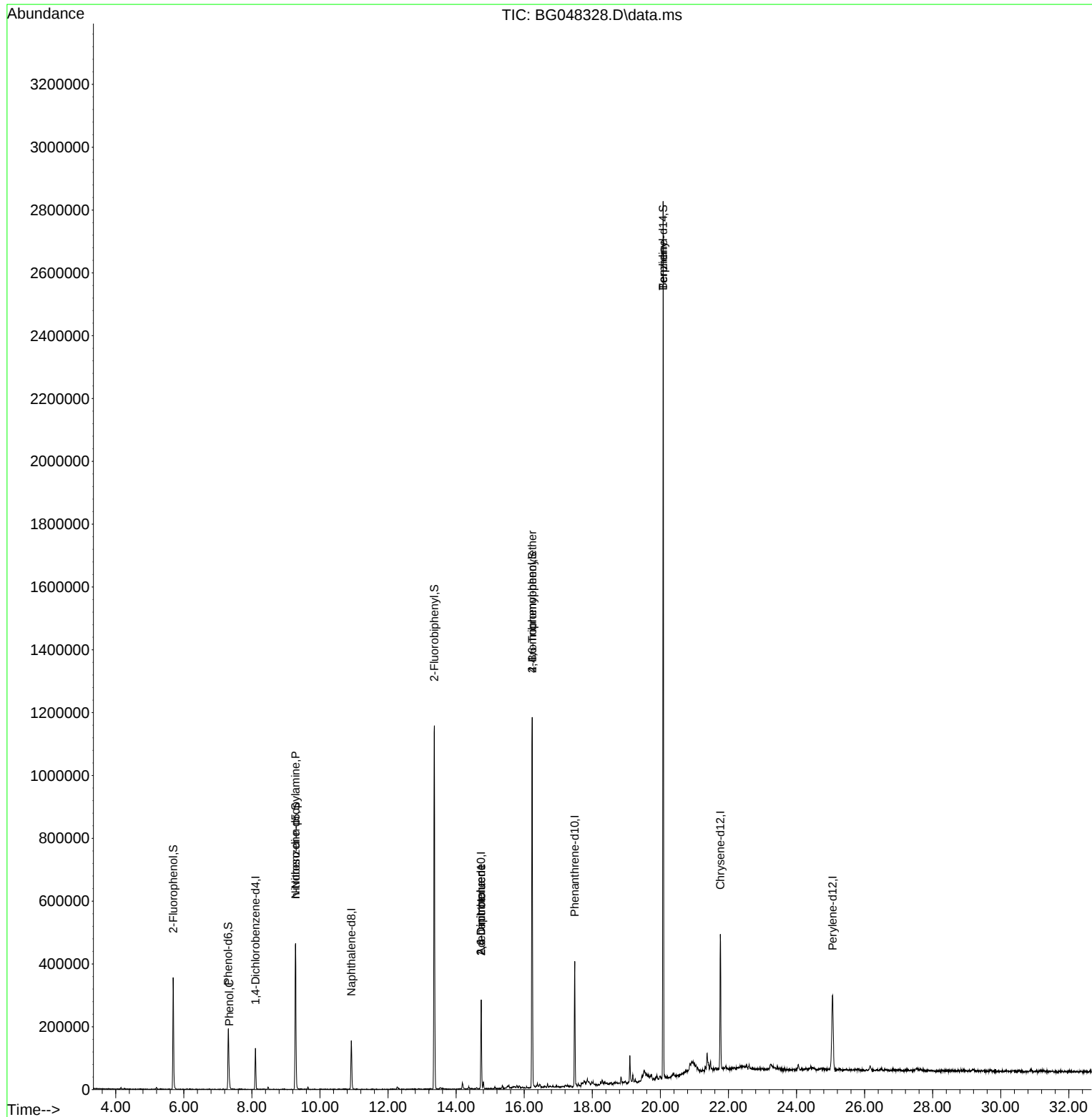
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.108	152	33919	20.00	ng	0.00
21) Naphthalene-d8	10.922	136	131411	20.00	ng	0.00
39) Acenaphthene-d10	14.735	164	97303	20.00	ng	0.00
64) Phenanthrene-d10	17.485	188	244196	20.00	ng	# 0.00
76) Chrysene-d12	21.762	240	269313	20.00	ng	# 0.00
86) Perylene-d12	25.059	264	269726	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	136857	68.68	ng	0.00
7) Phenol-d6	7.303	99	109488	36.17	ng	-0.01
23) Nitrobenzene-d5	9.283	82	301851	97.16	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	219534	141.06	ng	0.00
45) 2-Fluorobiphenyl	13.361	172	645814	93.05	ng	0.00
79) Terphenyl-d14	20.082	244	1163162	78.92	ng	0.00
Target Compounds						
10) Phenol	7.332	94	11861	3.87	ng	# 63
19) n-Nitroso-di-n-propyla...	9.283	70	46975	20.10	ng	# 75
51) 2,6-Dinitrotoluene	14.735	165	12909	7.06	ng	# 38
57) 2,4-Dinitrotoluene	14.735	165	12909	4.89	ng	# 36
67) 4-Bromophenyl-phenylether	16.234	248	15372	4.91	ng	# 1
77) Benzidine	20.082	184	23960	2.72	ng	# 91

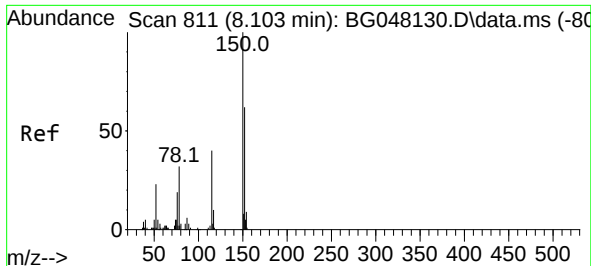
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 03 16:40:27 2021
Response via : Initial Calibration

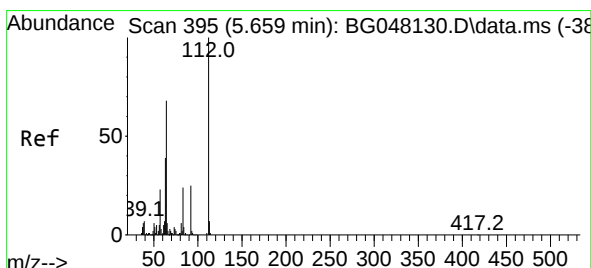
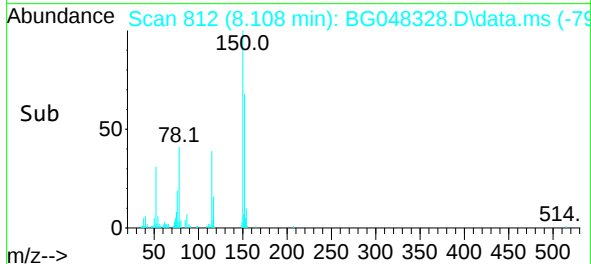
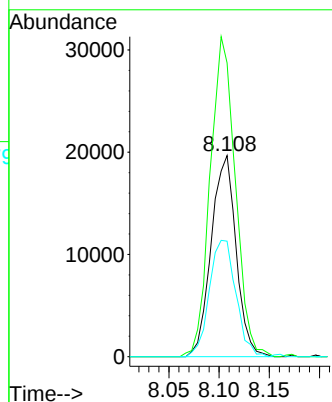
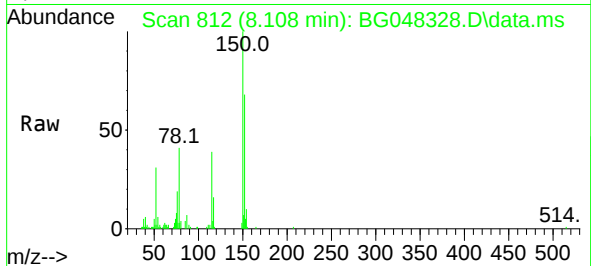




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.108 min Scan# 812
Delta R.T. 0.006 min
Lab File: BG048328.D
Acq: 4 Mar 2021 14:42

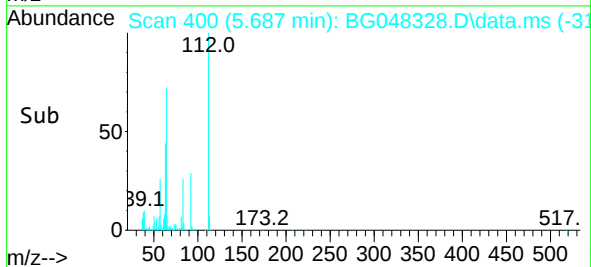
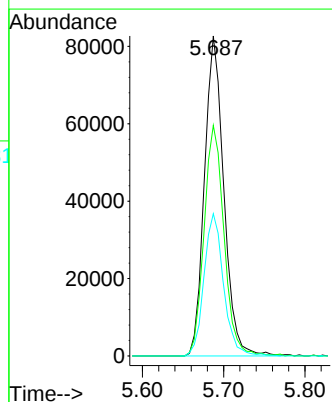
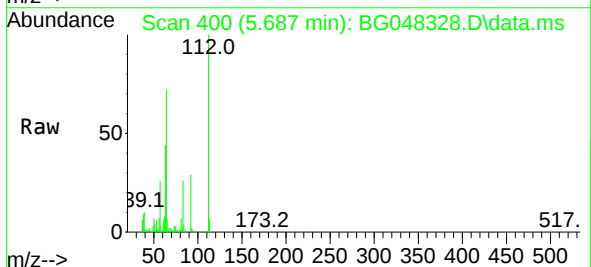
Instrument :
BNA_G
ClientSampled :
MH-725

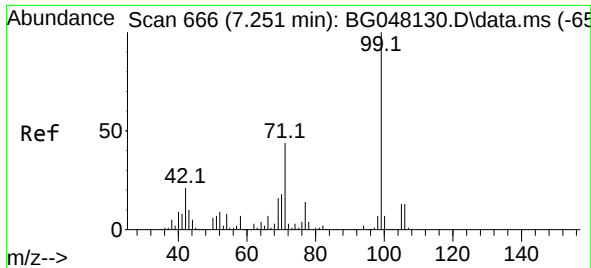
Tgt Ion:152 Resp: 33919
Ion Ratio Lower Upper
152 100
150 146.1 125.0 187.6
115 57.4 41.8 62.6



#5
2-Fluorophenol
Concen: 68.68 ng
RT: 5.687 min Scan# 400
Delta R.T. -0.000 min
Lab File: BG048328.D
Acq: 4 Mar 2021 14:42

Tgt Ion:112 Resp: 136857
Ion Ratio Lower Upper
112 100
64 72.0 46.7 70.1#
63 44.4 22.8 34.2#

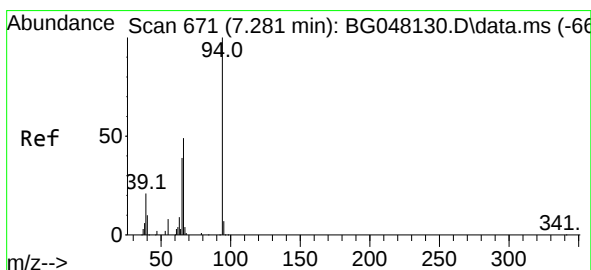
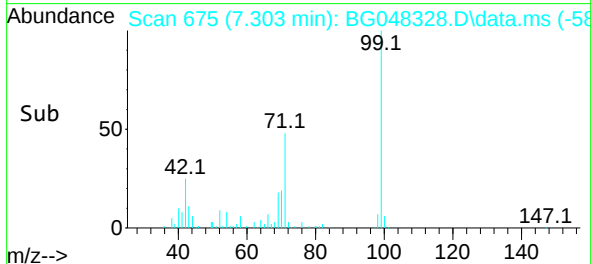
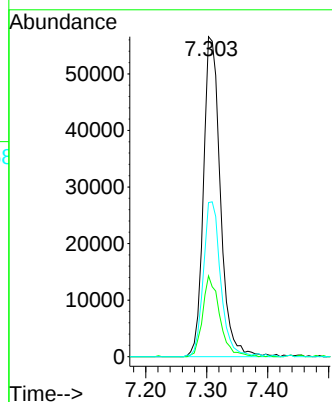
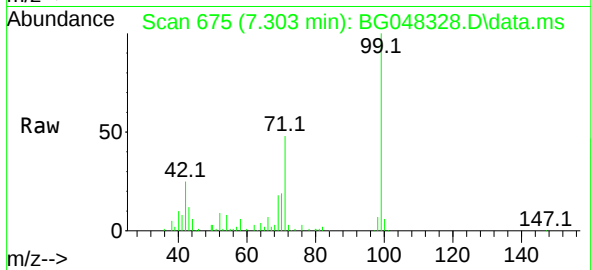




#7
Phenol-d6
Concen: 36.17 ng
RT: 7.303 min Scan# 675
Delta R.T. -0.012 min
Lab File: BG048328.D
Acq: 4 Mar 2021 14:42

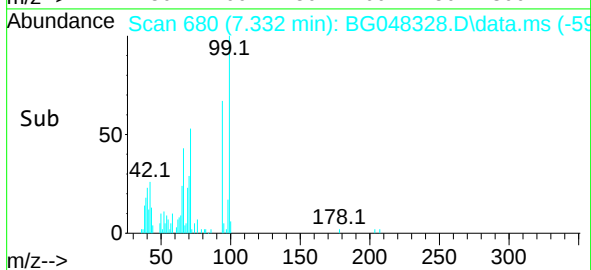
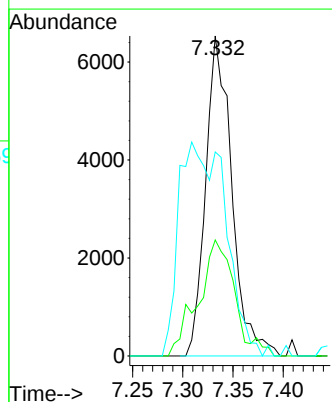
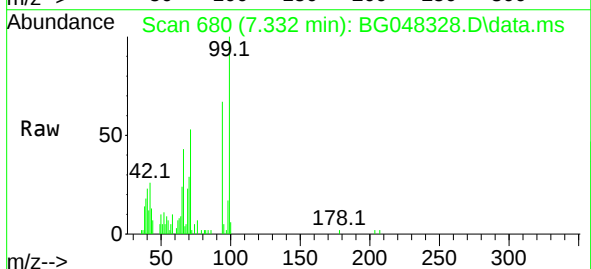
Instrument :
BNA_G
ClientSampleId :
MH-725

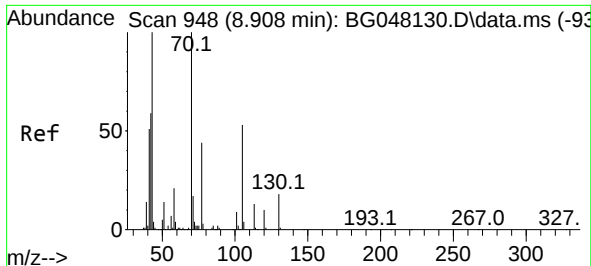
Tgt Ion: 99 Resp: 109488
Ion Ratio Lower Upper
99 100
42 25.2 12.8 19.2#
71 48.1 24.6 36.8#



#10
Phenol
Concen: 3.87 ng
RT: 7.332 min Scan# 680
Delta R.T. -0.006 min
Lab File: BG048328.D
Acq: 4 Mar 2021 14:42

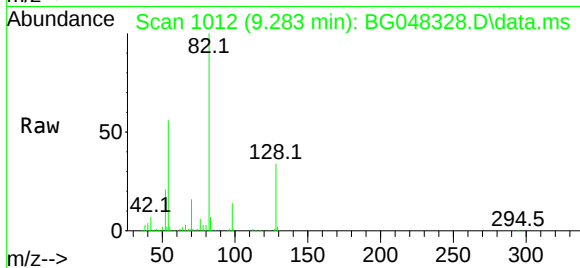
Tgt Ion: 94 Resp: 11861
Ion Ratio Lower Upper
94 100
65 36.2 6.6 46.6
66 63.8 13.9 53.9#



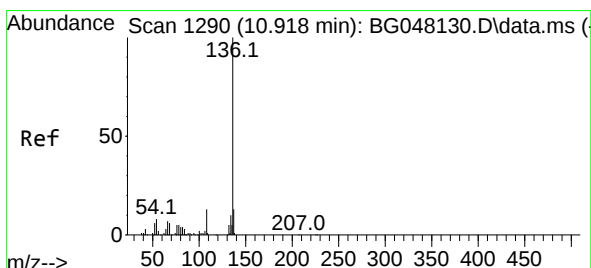
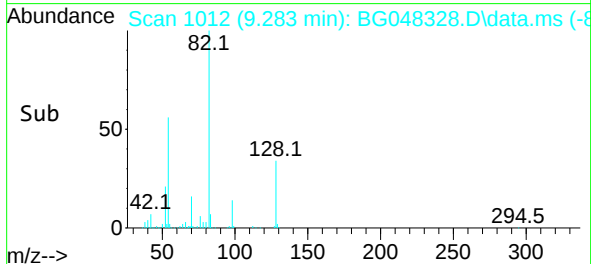
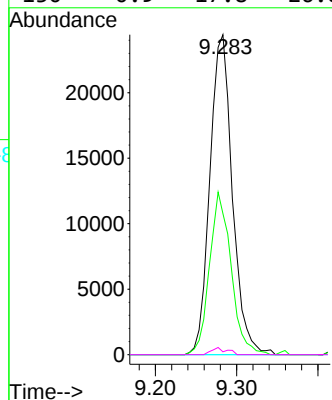


#19
n-Nitroso-di-n-propylamine
Concen: 20.10 ng
RT: 9.283 min Scan# 1012
Delta R.T. 0.364 min
Lab File: BG048328.D
Acq: 4 Mar 2021 14:42

Instrument :
BNA_G
ClientSampleId :
MH-725

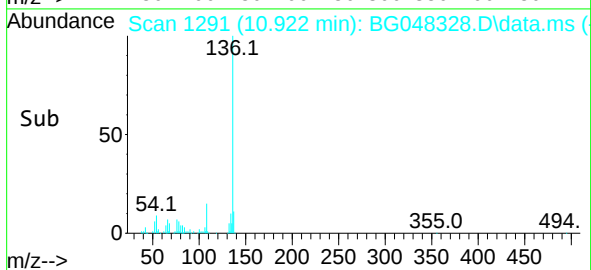
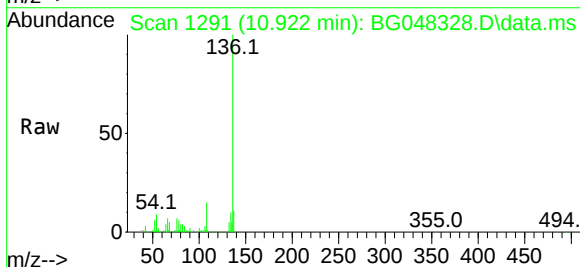
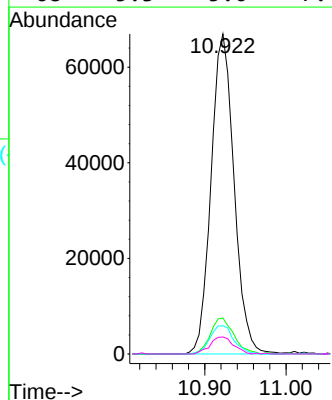


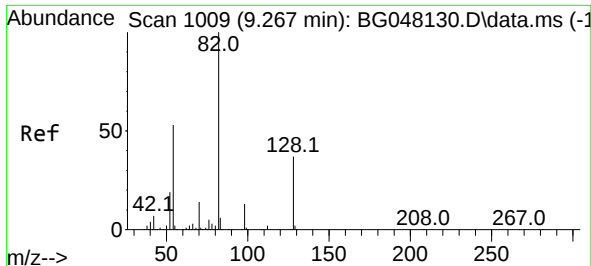
Tgt Ion: 70 Resp: 46975
Ion Ratio Lower Upper
70 100
42 44.1 45.6 68.4#
101 0.0 8.4 12.6#
130 0.9 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.922 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BG048328.D
Acq: 4 Mar 2021 14:42

Tgt Ion:136 Resp: 131411
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 8.8 6.2 9.4
68 5.3 5.0 7.4

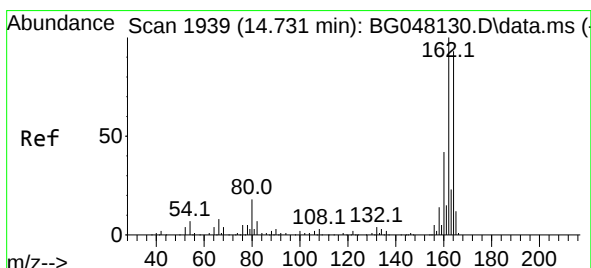
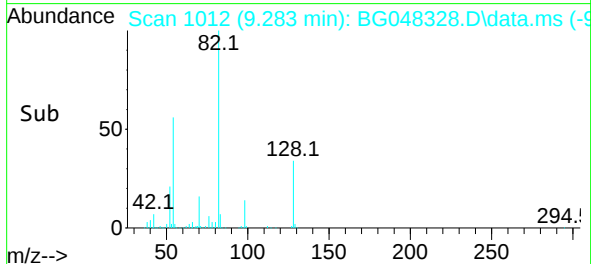
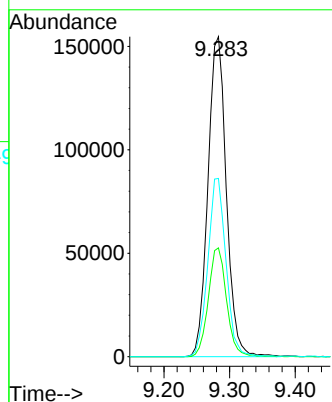
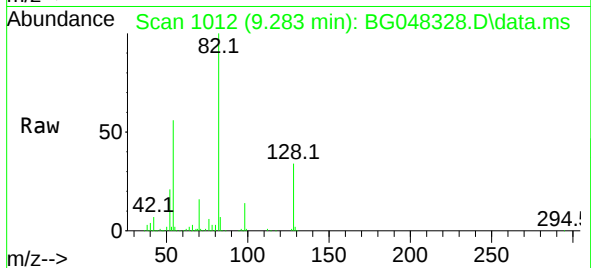




#23
Nitrobenzene-d5
Concen: 97.16 ng
RT: 9.283 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BG048328.D
Acq: 4 Mar 2021 14:42

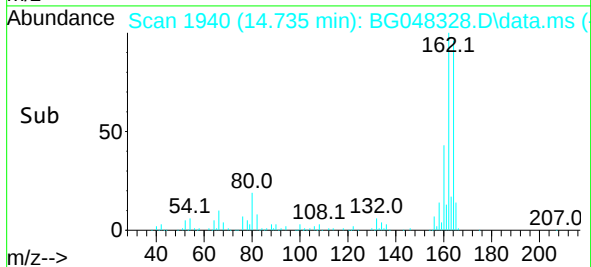
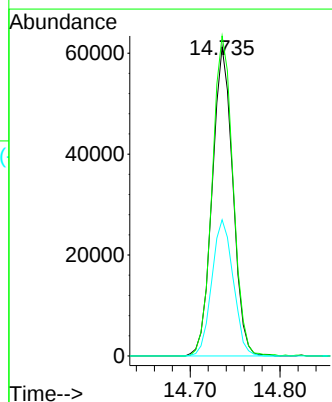
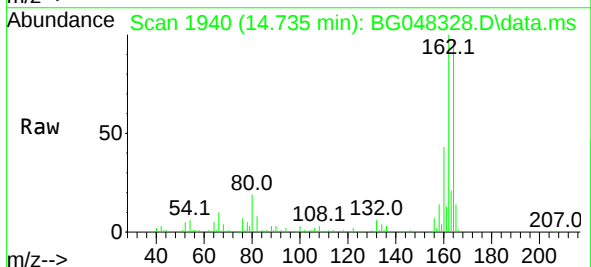
Instrument :
BNA_G
ClientSampleId :
MH-725

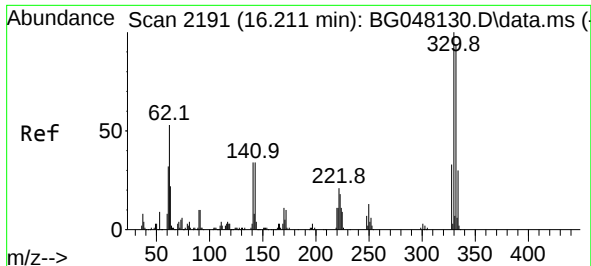
Tgt Ion: 82 Resp: 301851
Ion Ratio Lower Upper
82 100
128 34.0 37.0 55.6#
54 55.7 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.735 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BG048328.D
Acq: 4 Mar 2021 14:42

Tgt Ion: 164 Resp: 97303
Ion Ratio Lower Upper
164 100
162 103.5 82.3 123.5
160 44.1 35.3 52.9

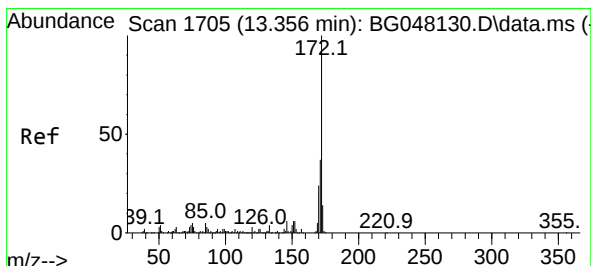
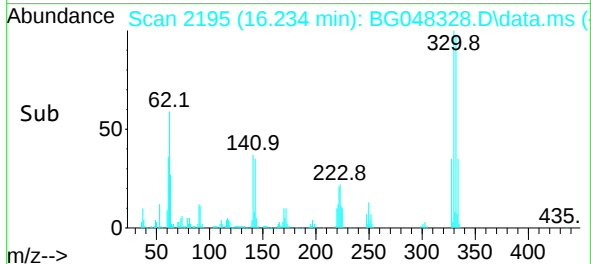
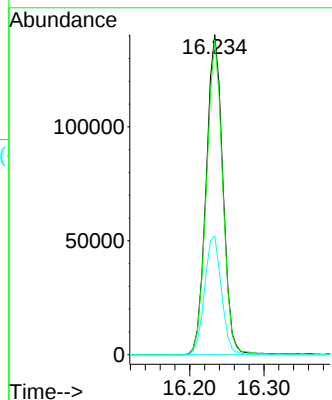
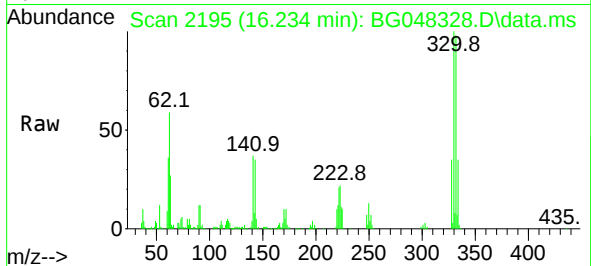




#42
2,4,6-Tribromophenol
Concen: 141.06 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BG048328.D
Acq: 4 Mar 2021 14:42

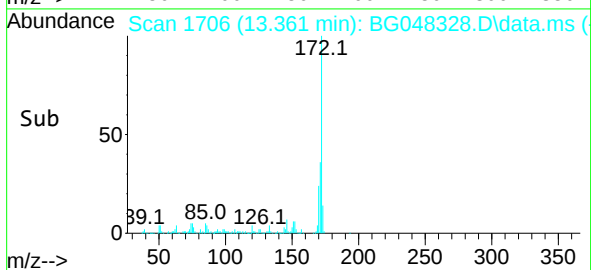
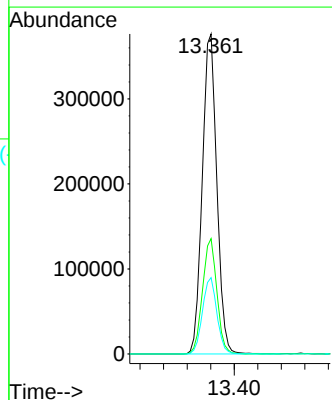
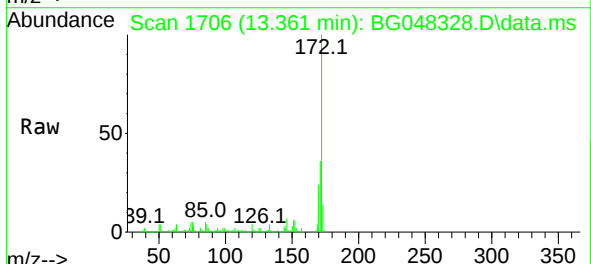
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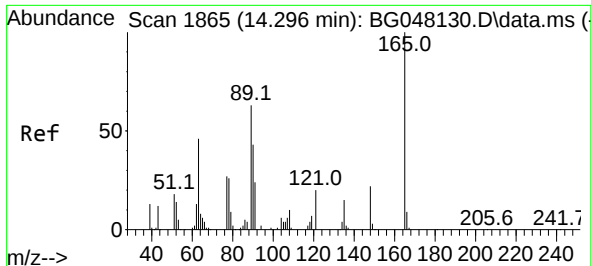
Tgt Ion:330 Resp: 219534
Ion Ratio Lower Upper
330 100
332 96.0 76.5 114.7
141 37.4 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 93.05 ng
RT: 13.361 min Scan# 1706
Delta R.T. -0.000 min
Lab File: BG048328.D
Acq: 4 Mar 2021 14:42

Tgt Ion:172 Resp: 645814
Ion Ratio Lower Upper
172 100
171 36.0 31.3 46.9
170 23.8 20.8 31.2

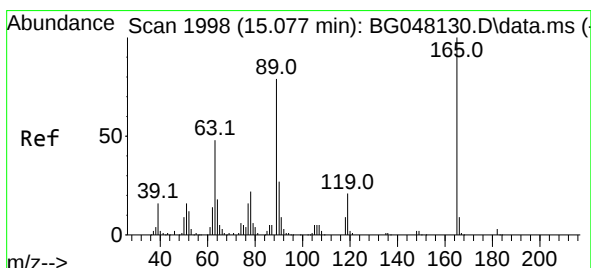
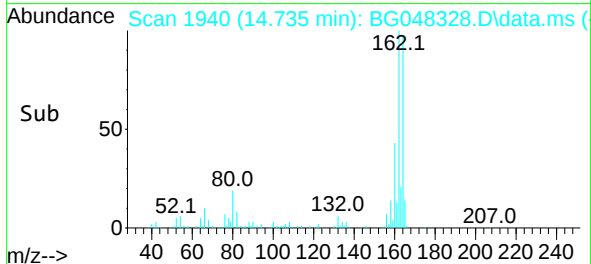
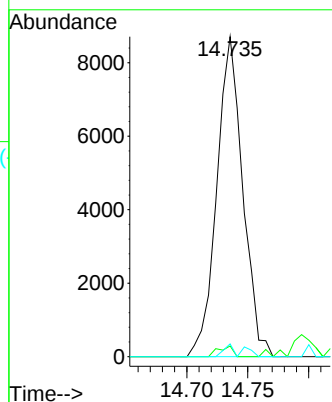
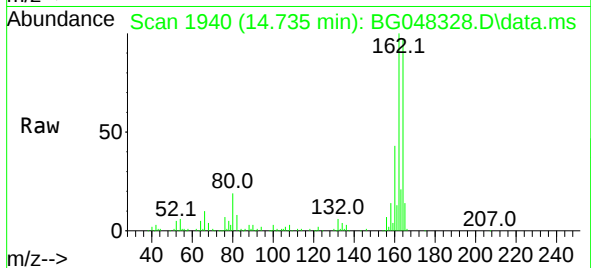




#51
2,6-Dinitrotoluene
Concen: 7.06 ng
RT: 14.735 min Scan# 1940
Delta R.T. 0.411 min
Lab File: BG048328.D
Acq: 4 Mar 2021 14:42

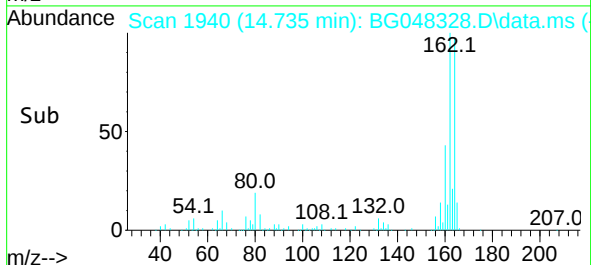
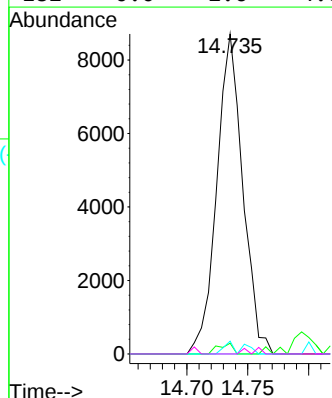
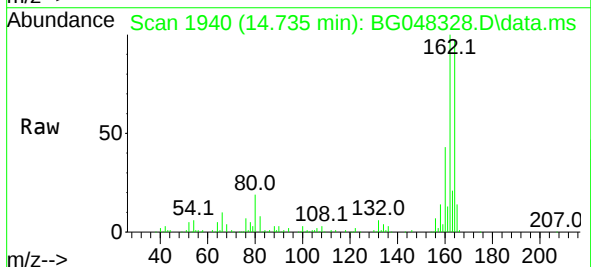
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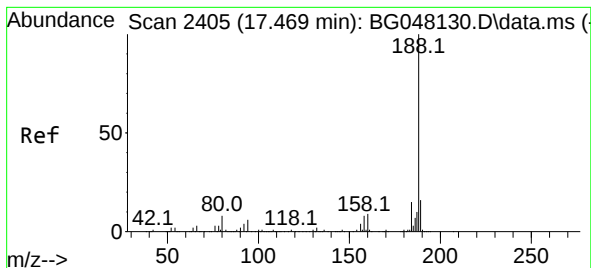
Tgt Ion:165 Resp: 12909
Ion Ratio Lower Upper
165 100
63 3.4 33.7 50.5#
89 4.0 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 4.89 ng
RT: 14.735 min Scan# 1940
Delta R.T. -0.382 min
Lab File: BG048328.D
Acq: 4 Mar 2021 14:42

Tgt Ion:165 Resp: 12909
Ion Ratio Lower Upper
165 100
63 3.4 26.4 39.6#
89 4.0 47.8 71.8#
182 0.0 2.6 4.0#

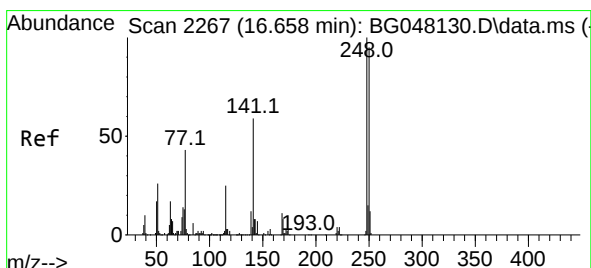
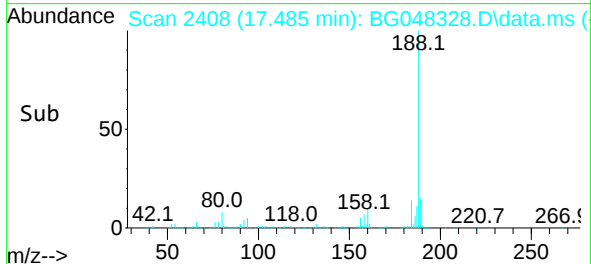
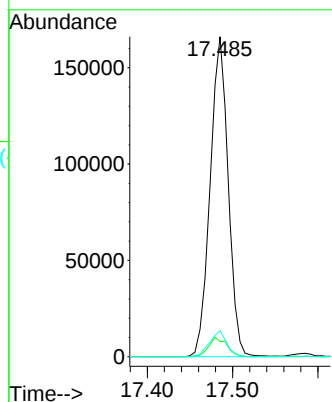
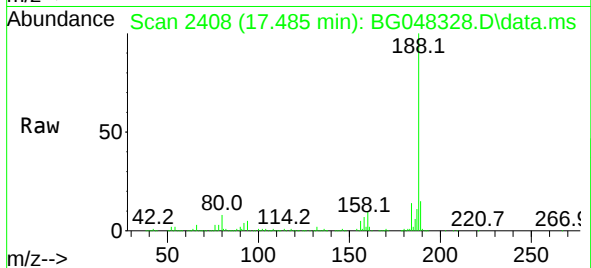




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.485 min Scan# 2408
Delta R.T. -0.000 min
Lab File: BG048328.D
Acq: 4 Mar 2021 14:42

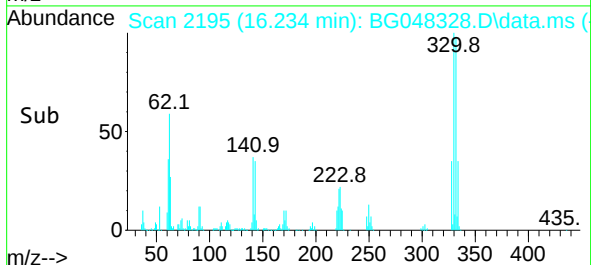
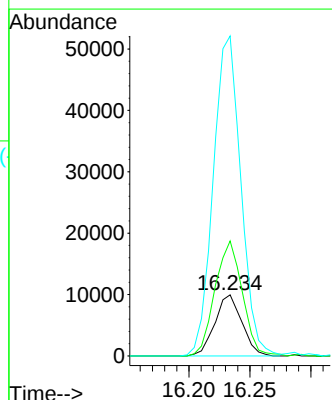
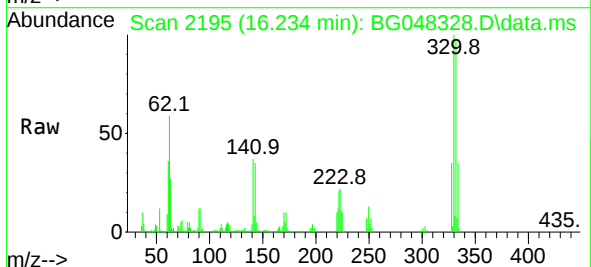
Instrument :
BNA_G
ClientSampleId :
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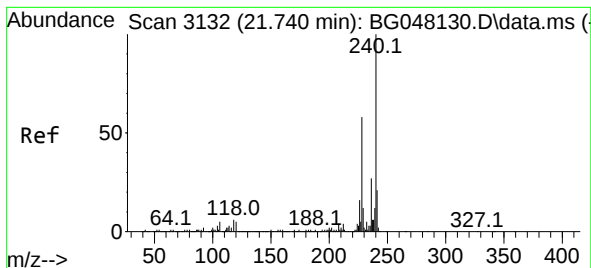
Tgt Ion:188 Resp: 244196
Ion Ratio Lower Upper
188 100
94 4.8 6.3 9.5#
80 8.1 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 4.91 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.435 min
Lab File: BG048328.D
Acq: 4 Mar 2021 14:42

Tgt Ion:248 Resp: 15372
Ion Ratio Lower Upper
248 100
250 187.9 78.9 118.3#
141 522.9 46.2 69.4#

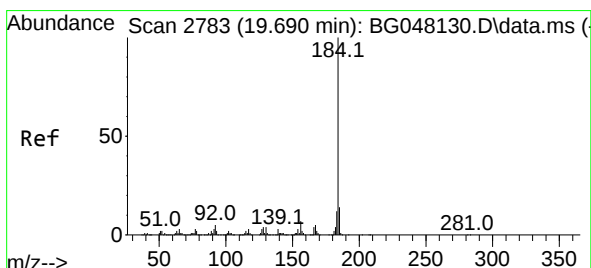
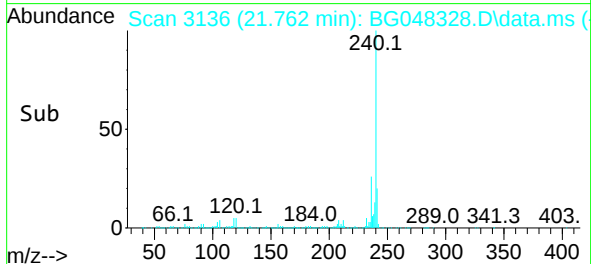
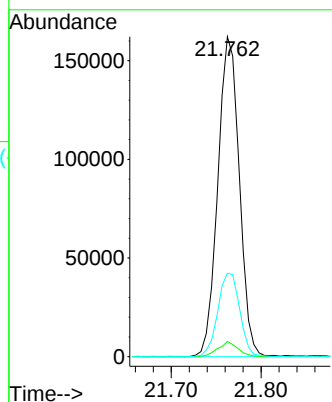
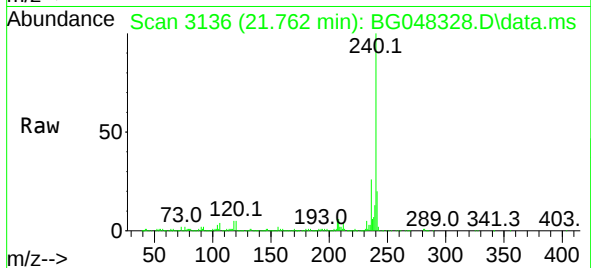




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.762 min Scan# 3136
Delta R.T. -0.006 min
Lab File: BG048328.D
Acq: 4 Mar 2021 14:42

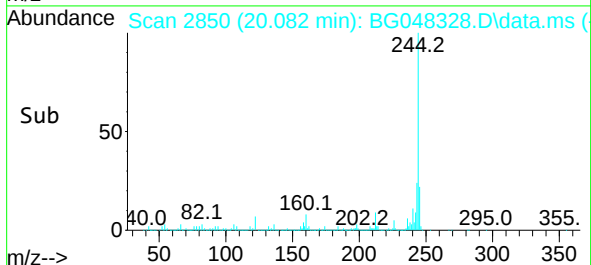
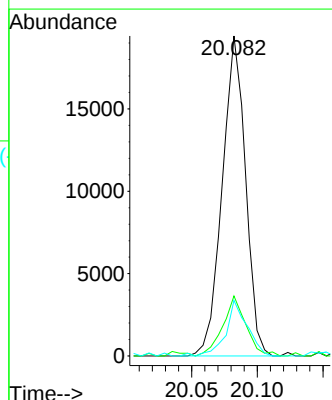
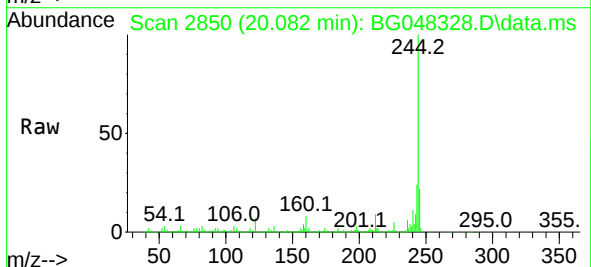
Instrument :
BNA_G
ClientSampleId :
MH-725

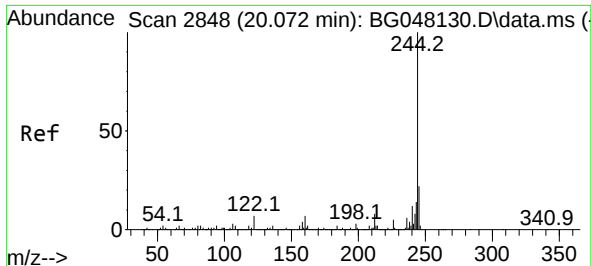
Tgt Ion:240 Resp: 269313
Ion Ratio Lower Upper
240 100
120 4.7 6.2 9.4#
236 26.1 20.5 30.7



#77
Benzidine
Concen: 2.72 ng
RT: 20.082 min Scan# 2850
Delta R.T. 0.364 min
Lab File: BG048328.D
Acq: 4 Mar 2021 14:42

Tgt Ion:184 Resp: 23960
Ion Ratio Lower Upper
184 100
185 18.7 12.4 18.6#
183 17.3 10.6 15.8#

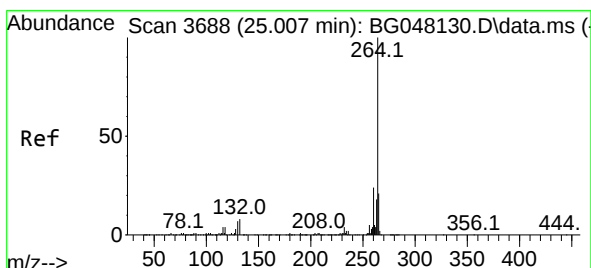
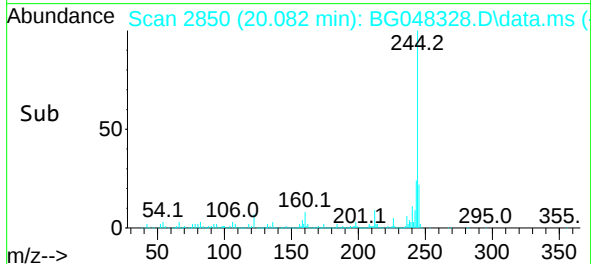
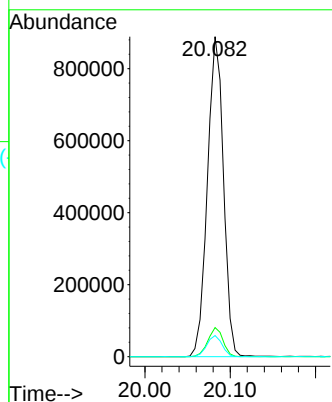
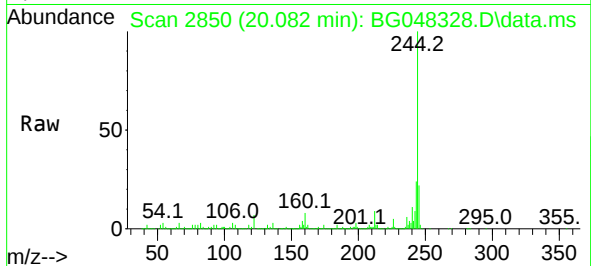




#79
 Terphenyl-d14
 Concen: 78.92 ng
 RT: 20.082 min Scan# 2850
 Delta R.T. -0.000 min
 Lab File: BG048328.D
 Acq: 4 Mar 2021 14:42

Instrument :
 BNA_G
 ClientSampleId :
 MH-725

Tgt Ion:244 Resp: 1163162
 Ion Ratio Lower Upper
 244 100
 212 9.1 6.7 10.1
 122 6.6 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.059 min Scan# 3697
 Delta R.T. -0.006 min
 Lab File: BG048328.D
 Acq: 4 Mar 2021 14:42

Tgt Ion:264 Resp: 269726
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.8 28.2
 265 19.5 17.8 26.8

