

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102121\
 Data File : BG050675.D
 Acq On : 21 Oct 2021 20:26
 Operator : CG/JU
 Sample : M4300-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TH-CCS

Quant Time: Oct 22 04:03:34 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 10:56:22 2021
 Response via : Initial Calibration

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

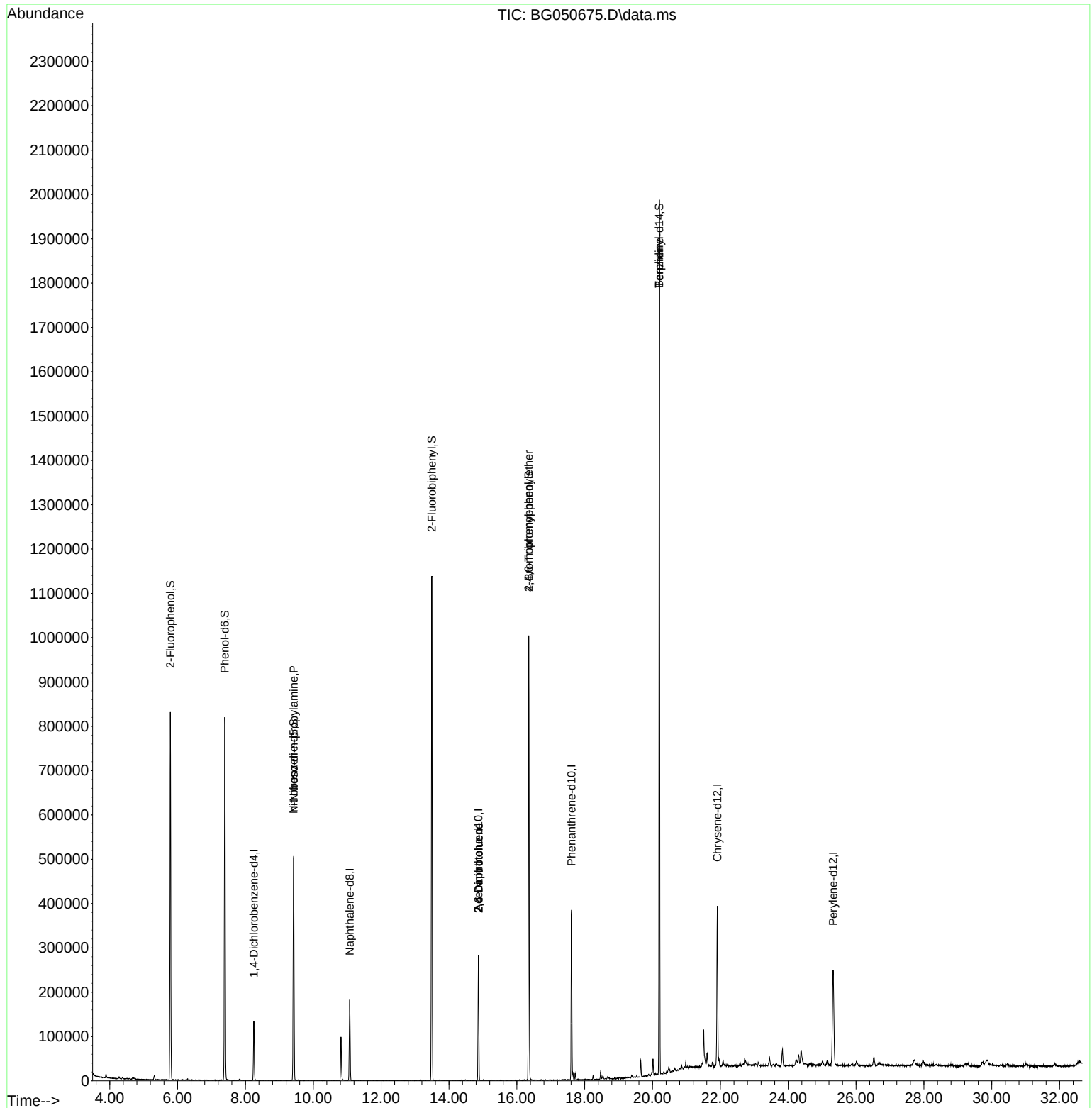
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.250	152	34097	20.000	ng	0.00
21) Naphthalene-d8	11.076	136	148029	20.000	ng	# 0.00
39) Acenaphthene-d10	14.866	164	99608	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	232978	20.000	ng	# 0.00
76) Chrysene-d12	21.910	240	213410	20.000	ng	#-0.01
86) Perylene-d12	25.324	264	207965	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.788	112	338708	148.561	ng	0.00
7) Phenol-d6	7.392	99	463981	140.561	ng	0.00
23) Nitrobenzene-d5	9.419	82	332812	93.070	ng	0.00
42) 2,4,6-Tribromophenol	16.352	330	142120	149.587	ng	0.00
45) 2-Fluorobiphenyl	13.497	172	576135	87.051	ng	0.00
79) Terphenyl-d14	20.200	244	868955	79.351	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.398	77	1000	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.425	70	48241	20.051	ng	# 69
51) 2,6-Dinitrotoluene	14.871	165	13331	8.840	ng	# 11
57) 2,4-Dinitrotoluene	14.871	165	13331	6.272	ng	# 17
67) 4-Bromophenyl-phenylether	16.352	248	11849	5.047	ng	# 1
77) Benzidine	20.200	184	17359	2.510	ng	96

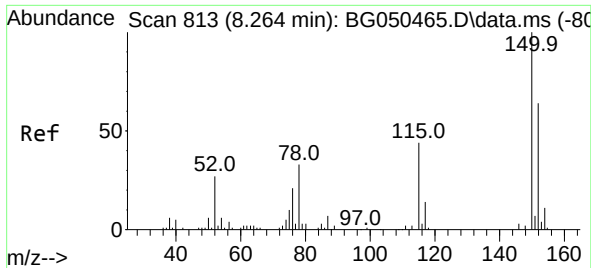
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_G
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Quant Time: Oct 22 04:03:34 2021
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 10:56:22 2021
Response via : Initial Calibration

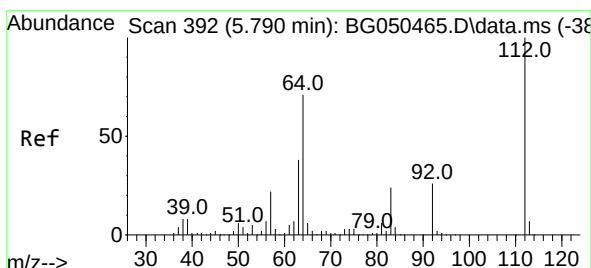
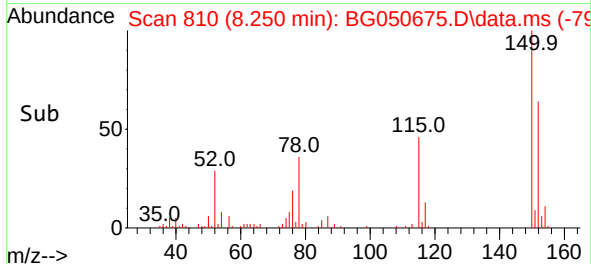
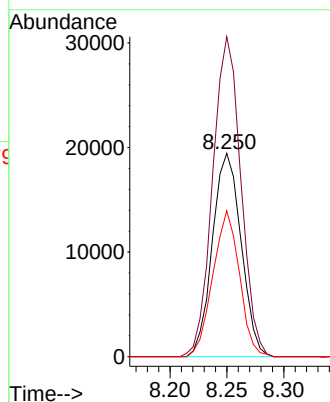
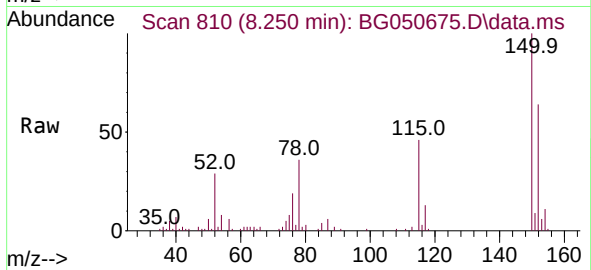




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.250 min Scan# 810
Delta R.T. -0.008 min
Lab File: BG050675.D
Acq: 21 Oct 2021 20:26

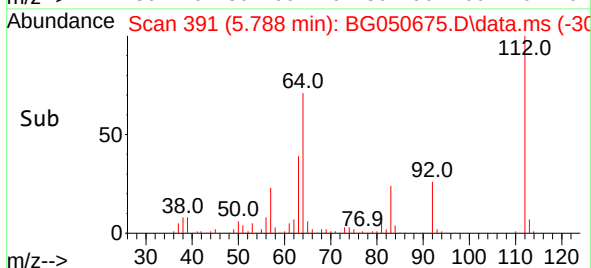
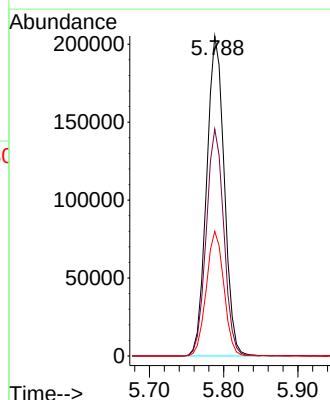
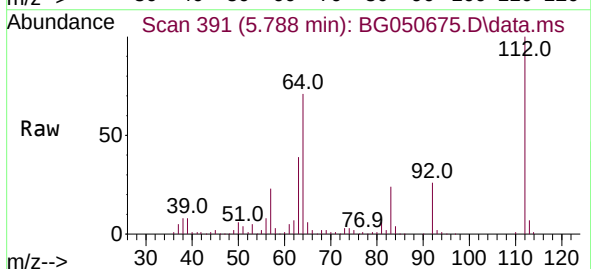
Instrument :
BNA_G
ClientSampleId :
TH-CCS

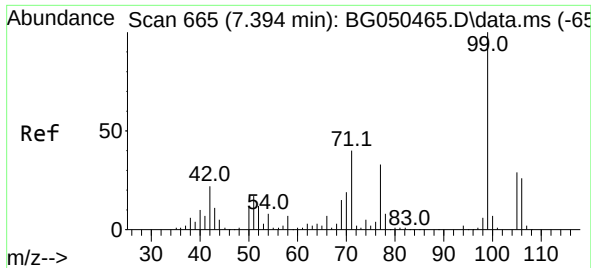
Tgt Ion:152 Resp: 34097
Ion Ratio Lower Upper
152 100
150 157.4 119.4 179.0
115 71.8 60.2 90.4



#5
2-Fluorophenol
Concen: 148.561 ng
RT: 5.788 min Scan# 391
Delta R.T. -0.003 min
Lab File: BG050675.D
Acq: 21 Oct 2021 20:26

Tgt Ion:112 Resp: 338708
Ion Ratio Lower Upper
112 100
64 70.9 46.7 70.1#
63 38.9 35.3 52.9

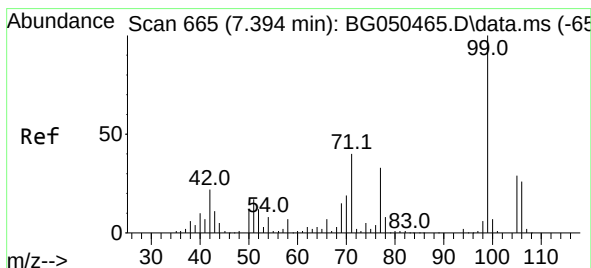
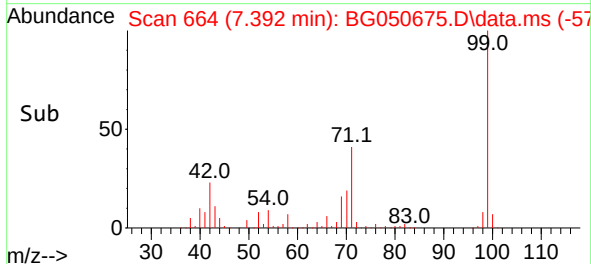
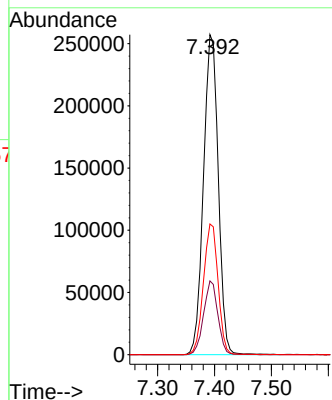
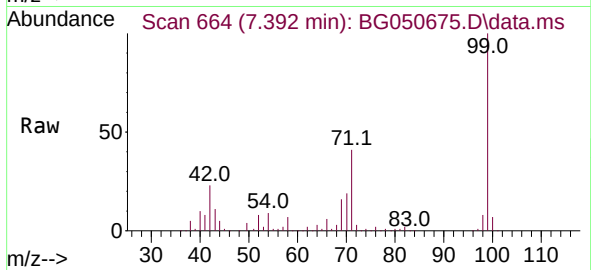




#7
Phenol-d6
Concen: 140.561 ng
RT: 7.392 min Scan# 664
Delta R.T. -0.009 min
Lab File: BG050675.D
Acq: 21 Oct 2021 20:26

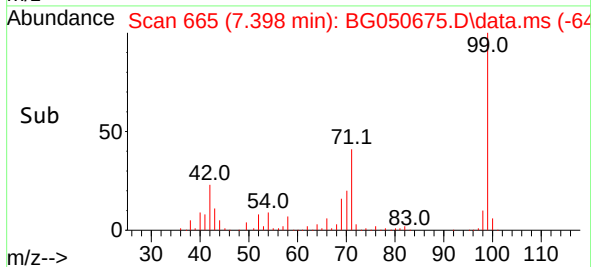
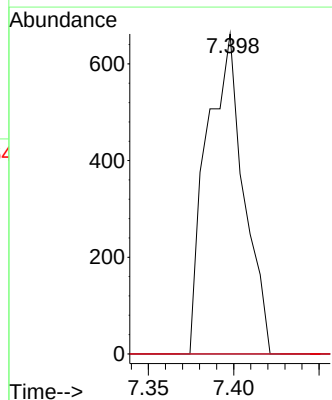
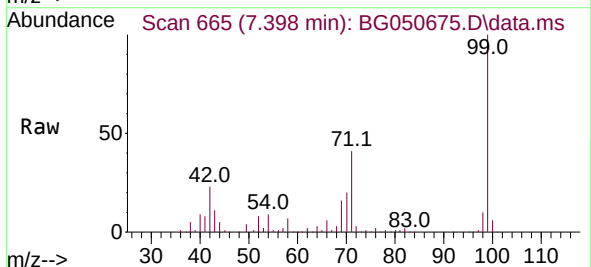
Instrument :
BNA_G
ClientSampleId :
TH-CCS

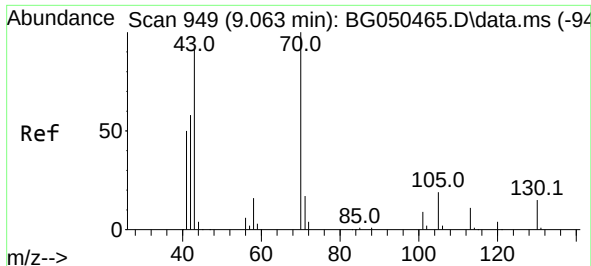
Tgt Ion: 99 Resp: 463981
Ion Ratio Lower Upper
99 100
42 23.0 20.5 30.7
71 40.9 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.398 min Scan# 665
Delta R.T. 0.009 min
Lab File: BG050675.D
Acq: 21 Oct 2021 20:26

Tgt Ion: 77 Resp: 1000
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

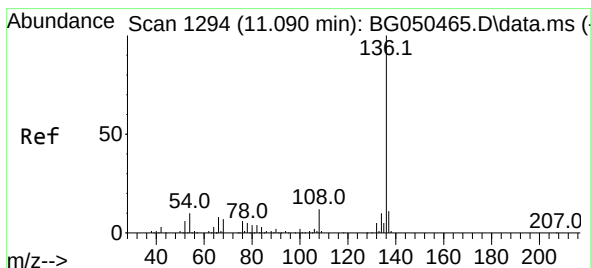
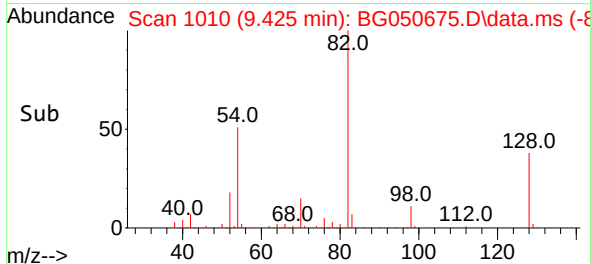
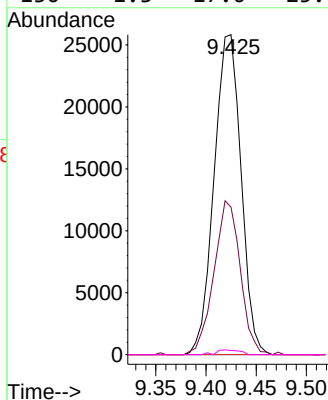
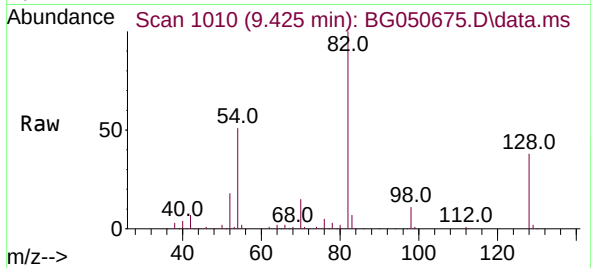




#19
n-Nitroso-di-n-propylamine
Concen: 20.051 ng
RT: 9.425 min Scan# 1010
Delta R.T. 0.367 min
Lab File: BG050675.D
Acq: 21 Oct 2021 20:26

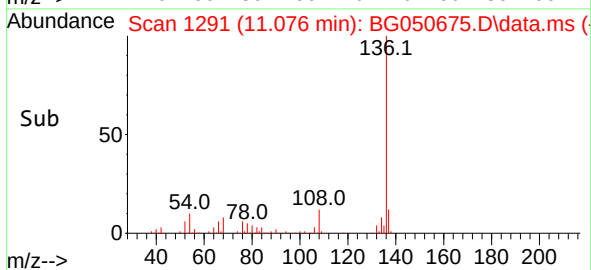
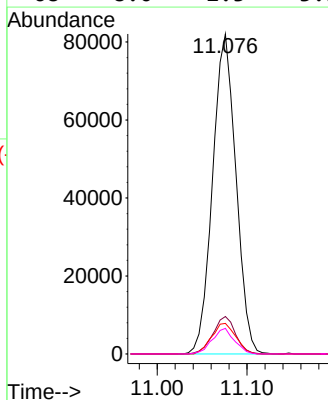
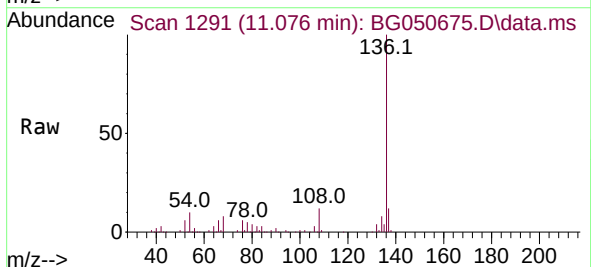
Instrument :
BNA_G
ClientSampleId :
TH-CCS

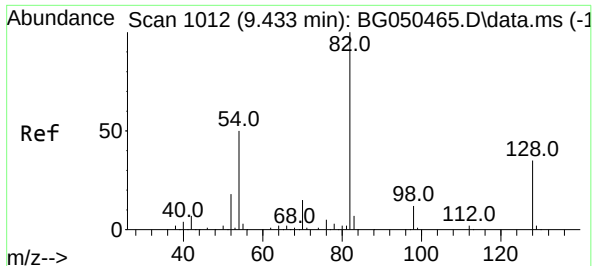
Tgt Ion: 70 Resp: 48241
Ion Ratio Lower Upper
70 100
42 46.1 54.5 81.7#
101 0.0 9.0 13.6#
130 1.3 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.076 min Scan# 1291
Delta R.T. -0.009 min
Lab File: BG050675.D
Acq: 21 Oct 2021 20:26

Tgt Ion:136 Resp: 148029
Ion Ratio Lower Upper
136 100
137 11.7 8.2 12.2
54 9.5 5.5 8.3#
68 8.0 2.3 3.5#

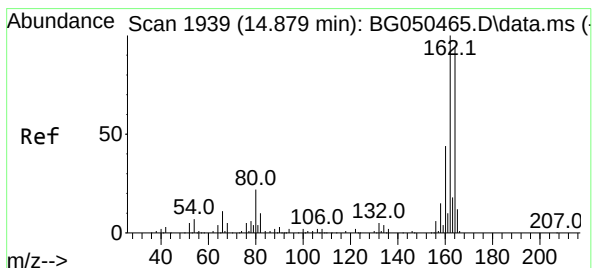
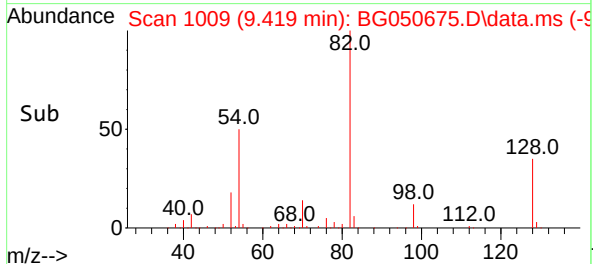
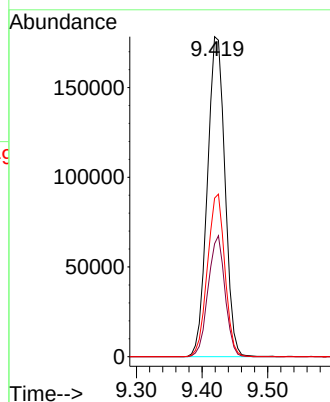
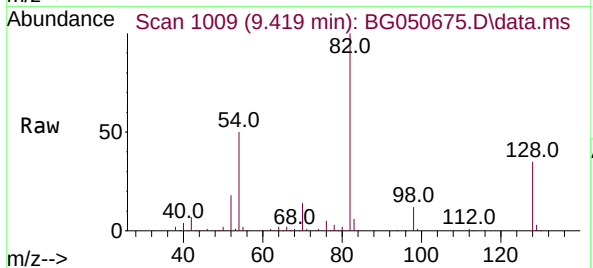




#23
Nitrobenzene-d5
Concen: 93.070 ng
RT: 9.419 min Scan# 1009
Delta R.T. -0.009 min
Lab File: BG050675.D
Acq: 21 Oct 2021 20:26

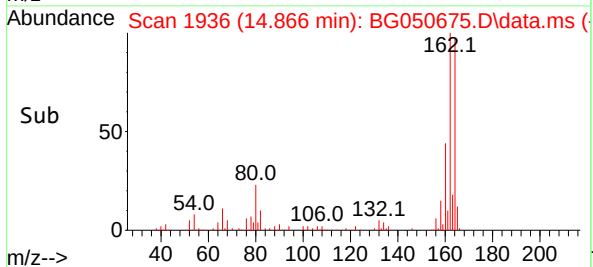
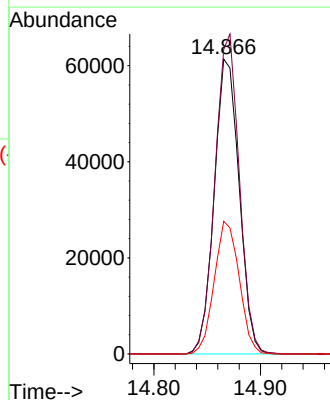
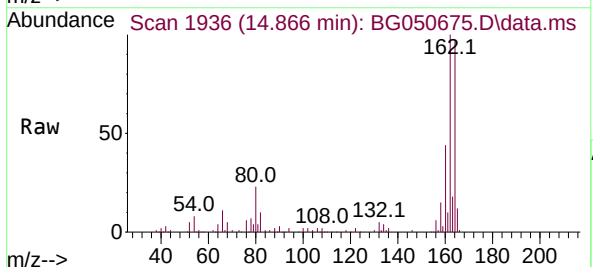
Instrument :
BNA_G
ClientSampleId :
TH-CCS

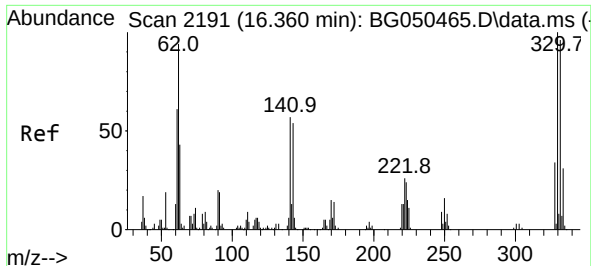
Tgt Ion: 82 Resp: 332812
Ion Ratio Lower Upper
82 100
128 35.3 29.8 44.6
54 49.6 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.866 min Scan# 1936
Delta R.T. -0.009 min
Lab File: BG050675.D
Acq: 21 Oct 2021 20:26

Tgt Ion:164 Resp: 99608
Ion Ratio Lower Upper
164 100
162 103.3 81.4 122.0
160 45.0 34.9 52.3

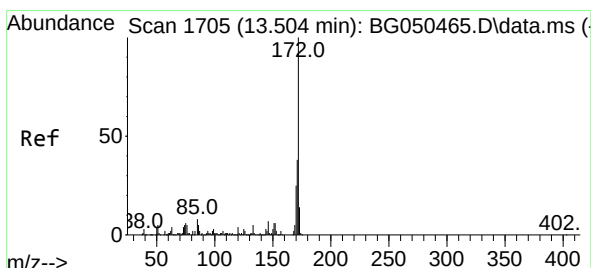
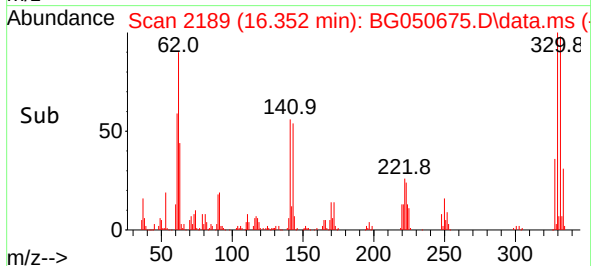
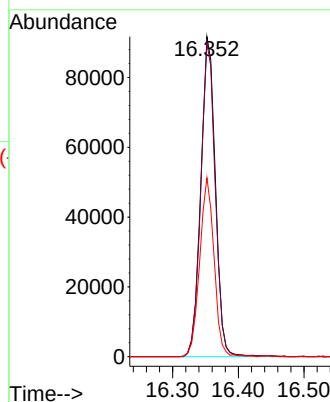
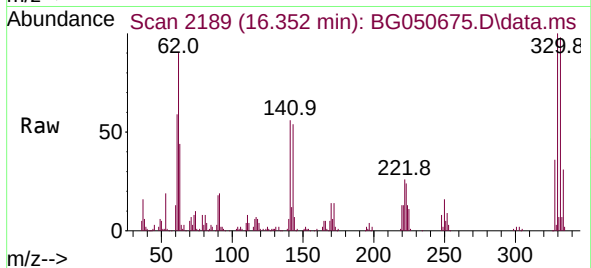




#42
2,4,6-Tribromophenol
Concen: 149.587 ng
RT: 16.352 min Scan# 2189
Delta R.T. -0.009 min
Lab File: BG050675.D
Acq: 21 Oct 2021 20:26

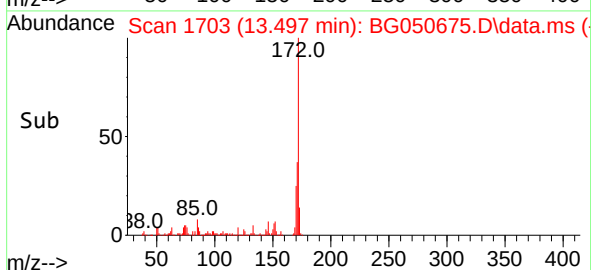
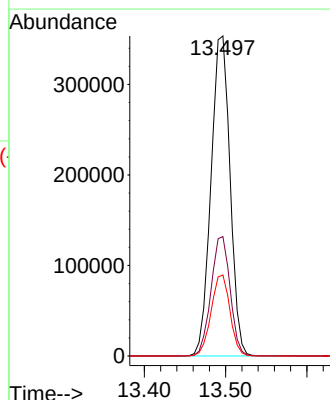
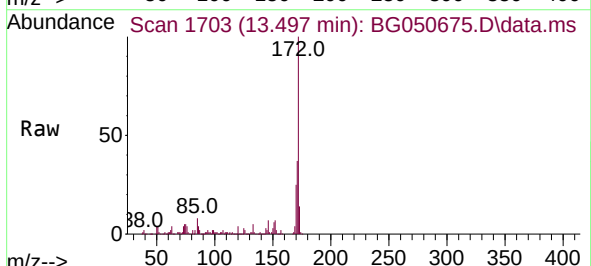
Instrument :
BNA_G
ClientSampleId :
TH-CCS

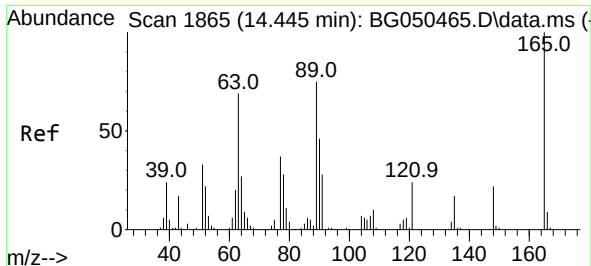
Tgt Ion:330 Resp: 142120
Ion Ratio Lower Upper
330 100
332 97.4 77.3 115.9
141 55.0 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 87.051 ng
RT: 13.497 min Scan# 1703
Delta R.T. -0.009 min
Lab File: BG050675.D
Acq: 21 Oct 2021 20:26

Tgt Ion:172 Resp: 576135
Ion Ratio Lower Upper
172 100
171 37.3 28.6 43.0
170 25.3 18.6 27.8

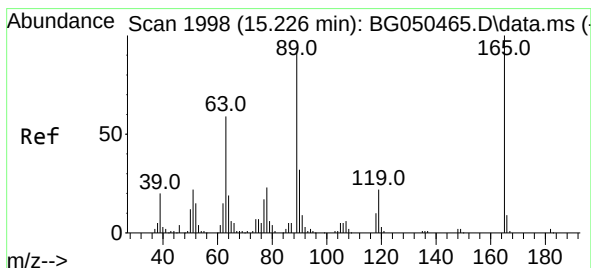
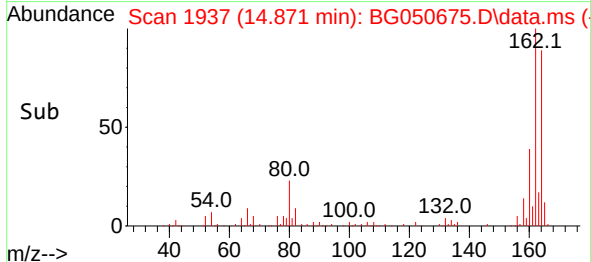
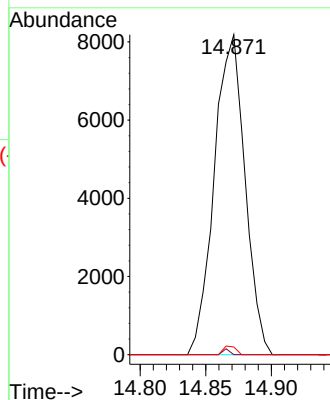
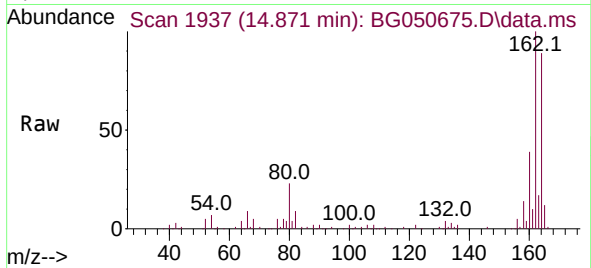




#51
2,6-Dinitrotoluene
Concen: 8.840 ng
RT: 14.871 min Scan# 1937
Delta R.T. 0.426 min
Lab File: BG050675.D
Acq: 21 Oct 2021 20:26

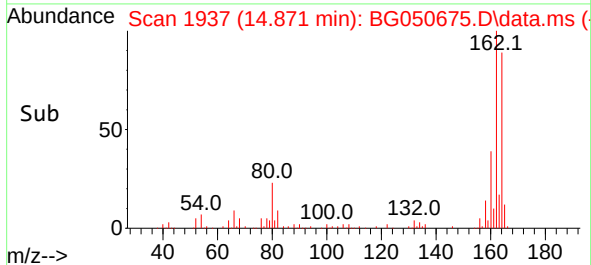
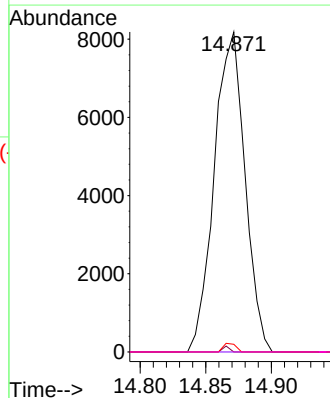
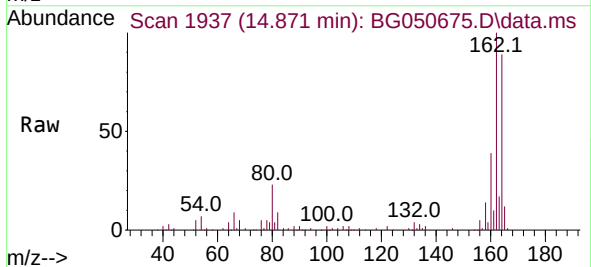
Instrument :
BNA_G
ClientSampled :
TH-CCS

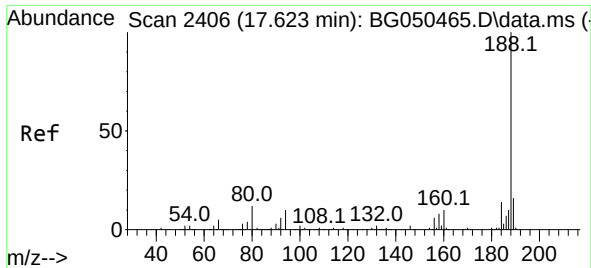
Tgt Ion:165 Resp: 13331
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 2.4 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.272 ng
RT: 14.871 min Scan# 1937
Delta R.T. -0.355 min
Lab File: BG050675.D
Acq: 21 Oct 2021 20:26

Tgt Ion:165 Resp: 13331
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 2.4 65.4 98.0#
182 0.0 2.0 3.0#

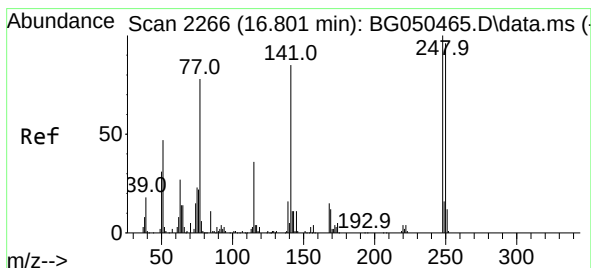
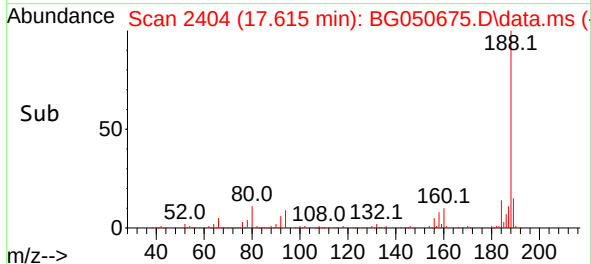
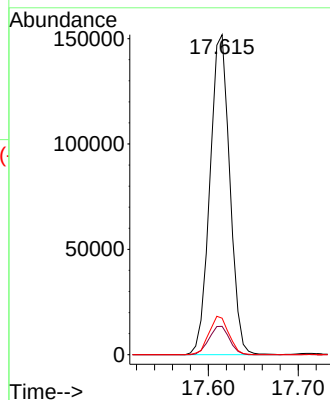
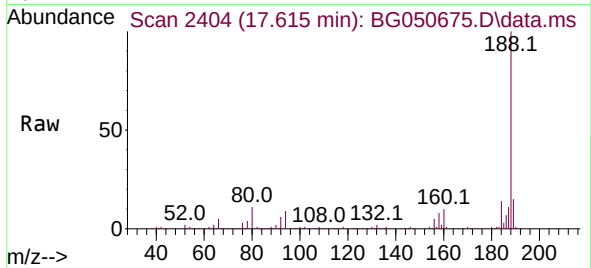




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.615 min Scan# 2404
Delta R.T. -0.003 min
Lab File: BG050675.D
Acq: 21 Oct 2021 20:26

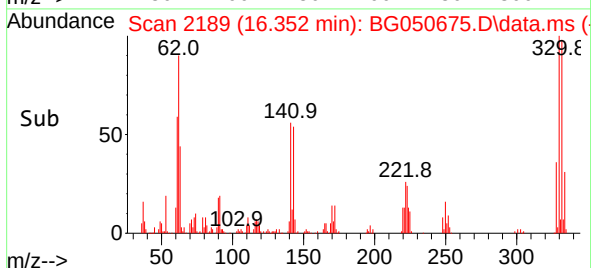
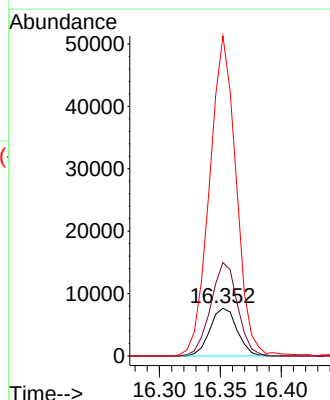
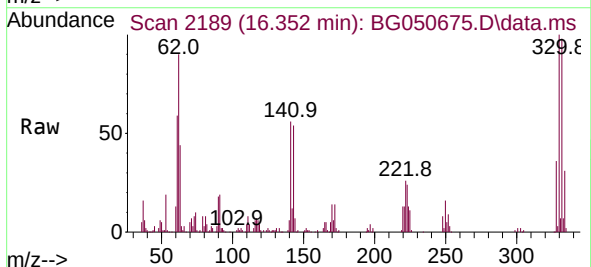
Instrument :
BNA_G
ClientSampleId :
TH-CCS

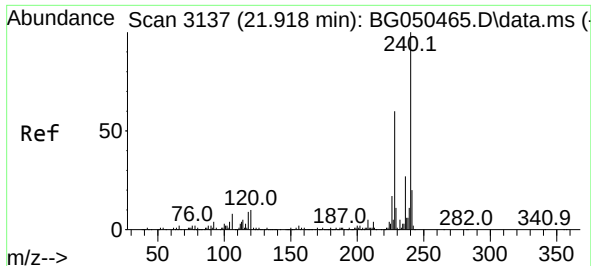
Tgt Ion:188 Resp: 232978
Ion Ratio Lower Upper
188 100
94 8.8 5.4 8.0#
80 11.4 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 5.047 ng
RT: 16.352 min Scan# 2189
Delta R.T. -0.449 min
Lab File: BG050675.D
Acq: 21 Oct 2021 20:26

Tgt Ion:248 Resp: 11849
Ion Ratio Lower Upper
248 100
250 195.7 76.1 114.1#
141 669.9 65.4 98.2#

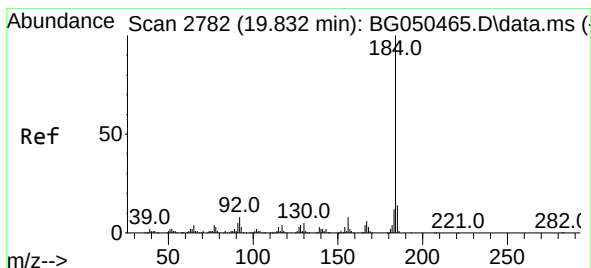
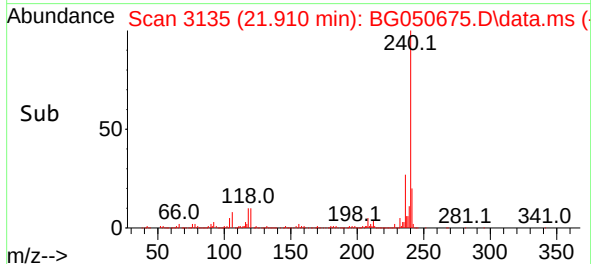
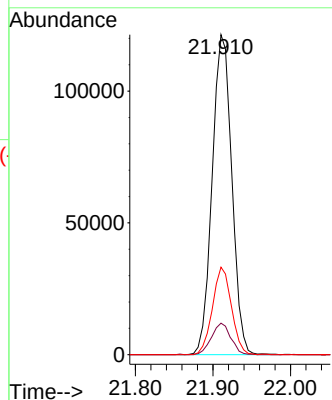
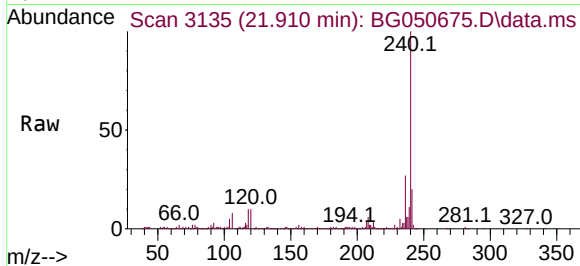




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.910 min Scan# 3135
Delta R.T. -0.014 min
Lab File: BG050675.D
Acq: 21 Oct 2021 20:26

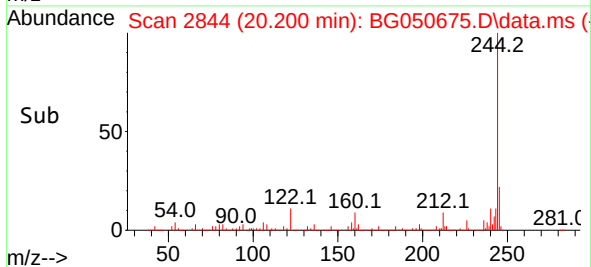
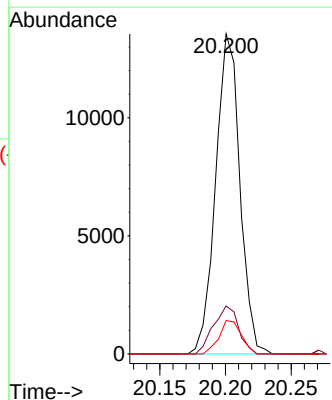
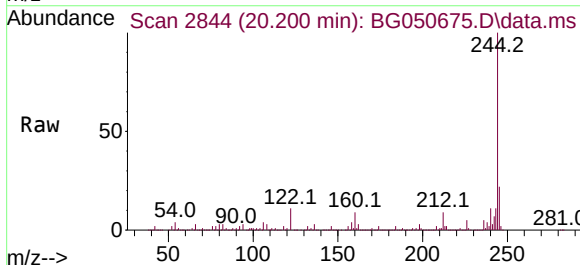
Instrument :
BNA_G
ClientSampleId :
TH-CCS

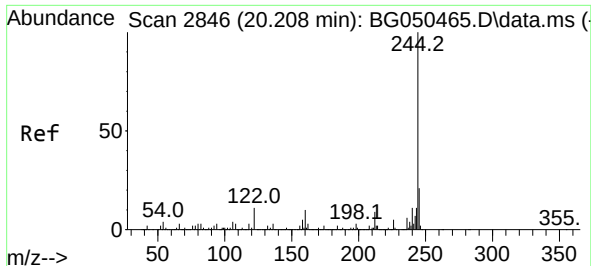
Tgt Ion:240 Resp: 213410
Ion Ratio Lower Upper
240 100
120 9.9 4.2 6.2#
236 27.3 21.8 32.6



#77
Benzidine
Concen: 2.510 ng
RT: 20.200 min Scan# 2844
Delta R.T. 0.367 min
Lab File: BG050675.D
Acq: 21 Oct 2021 20:26

Tgt Ion:184 Resp: 17359
Ion Ratio Lower Upper
184 100
185 15.0 10.7 16.1
183 10.4 9.4 14.0

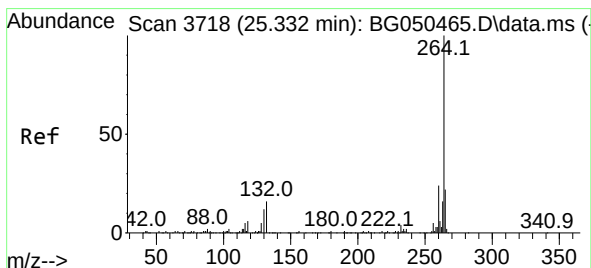
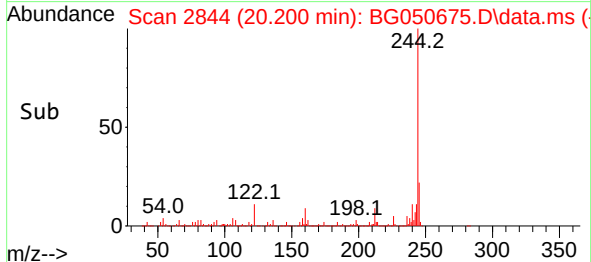
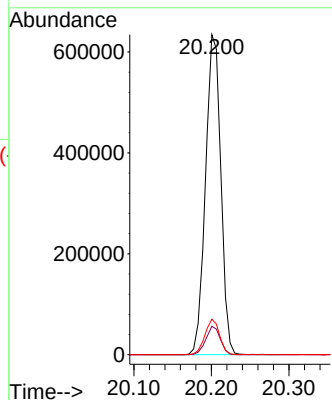
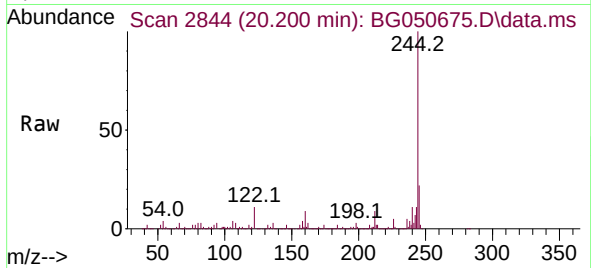




#79
Terphenyl-d14
Concen: 79.351 ng
RT: 20.200 min Scan# 2844
Delta R.T. -0.009 min
Lab File: BG050675.D
Acq: 21 Oct 2021 20:26

Instrument :
BNA_G
ClientSampleId :
TH-CCS

Tgt Ion:244 Resp: 868955
Ion Ratio Lower Upper
244 100
212 8.8 6.9 10.3
122 11.1 5.0 7.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.324 min Scan# 3716
Delta R.T. -0.009 min
Lab File: BG050675.D
Acq: 21 Oct 2021 20:26

Tgt Ion:264 Resp: 207965
Ion Ratio Lower Upper
264 100
260 25.0 19.4 29.2
265 22.1 16.9 25.3

