

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070221\
 Data File : BG049170.D
 Acq On : 2 Jul 2021 16:48
 Operator : CG/JU
 Sample : M2908-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-CROPSEY-SOLIDS

Quant Time: Jul 02 18:09:03 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 30 15:39:12 2021
 Response via : Initial Calibration

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

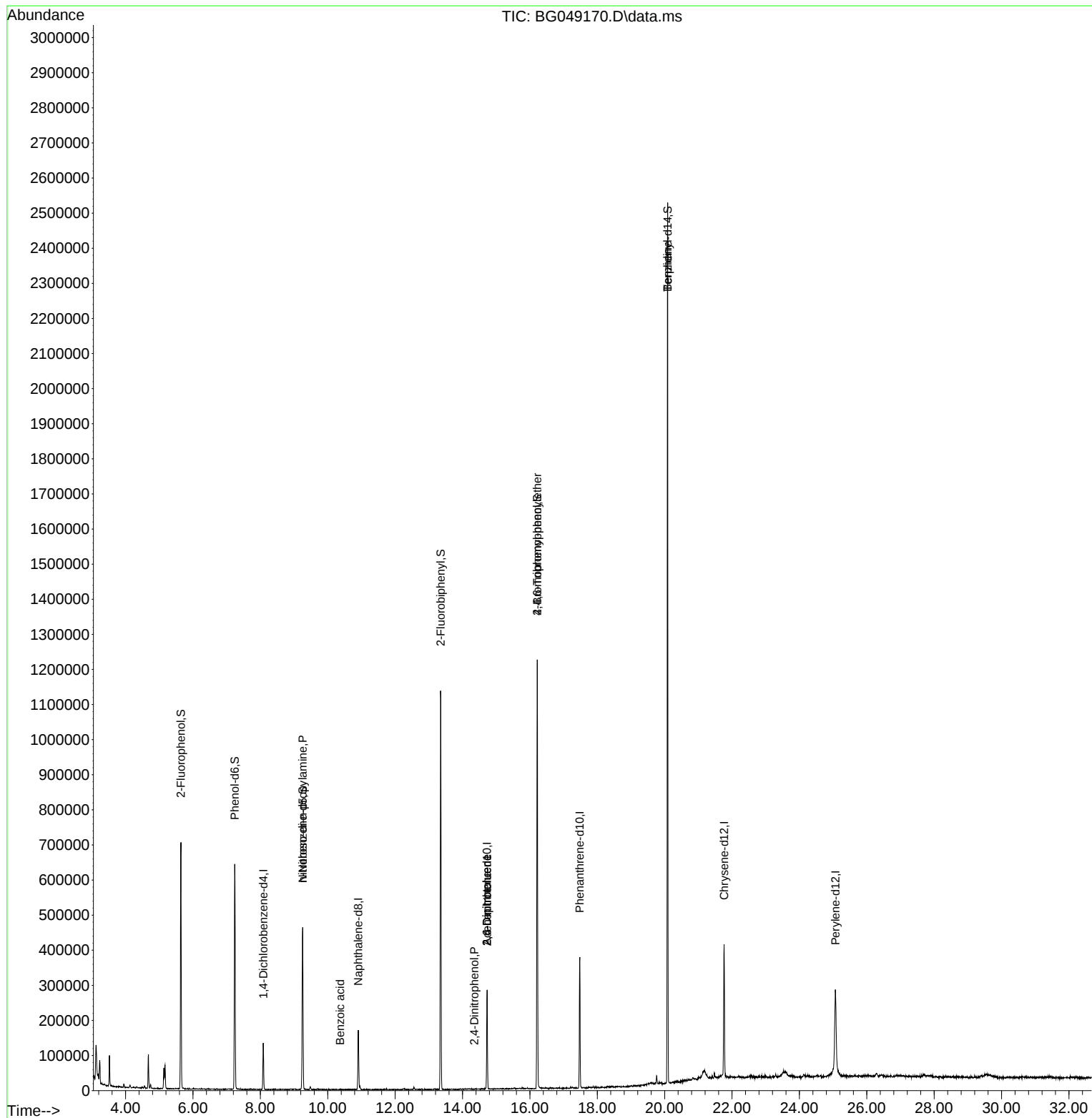
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.086	152	34830	20.000	ng	# 0.00
21) Naphthalene-d8	10.906	136	136790	20.000	ng	# 0.00
39) Acenaphthene-d10	14.731	164	100297	20.000	ng	0.00
64) Phenanthrene-d10	17.481	188	237356	20.000	ng	# 0.00
76) Chrysene-d12	21.764	240	236234	20.000	ng	-0.01
86) Perylene-d12	25.066	264	241425	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.642	112	271879	122.262	ng	0.00
7) Phenol-d6	7.240	99	325985	102.821	ng	0.00
23) Nitrobenzene-d5	9.255	82	279410	86.602	ng	0.00
42) 2,4,6-Tribromophenol	16.217	330	242094	139.239	ng	0.00
45) 2-Fluorobiphenyl	13.350	172	599231	80.606	ng	0.00
79) Terphenyl-d14	20.089	244	1163362	83.449	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.255	70	41832	18.360	ng	# 75
32) Benzoic acid	10.365	122	137	6.347	ng	# 1
51) 2,6-Dinitrotoluene	14.731	165	12924	7.004	ng	# 10
54) 2,4-Dinitrophenol	14.349	184	58	5.207	ng	# 8
57) 2,4-Dinitrotoluene	14.731	165	12924	4.931	ng	# 15
67) 4-Bromophenyl-phenylether	16.217	248	14494	4.526	ng	# 1
77) Benzidine	20.089	184	22148	4.365	ng	# 94

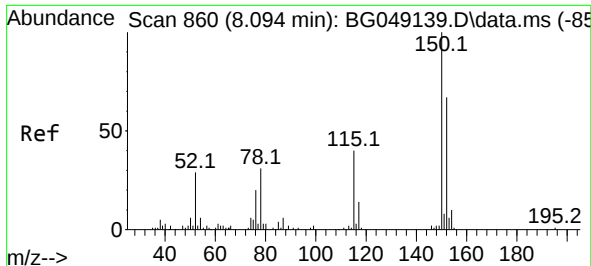
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070221\
Data File : BG049170.D
Acq On : 2 Jul 2021 16:48
Operator : CG/JU
Sample : M2908-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-CROPSEY-SOLIDS

Quant Time: Jul 02 18:09:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 30 15:39:12 2021
Response via : Initial Calibration

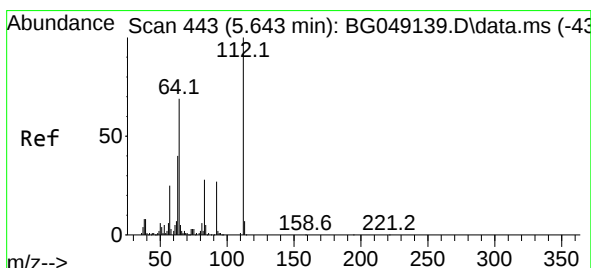
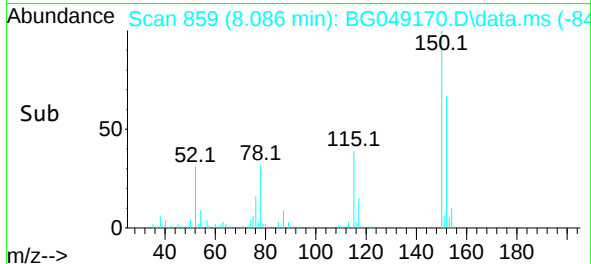
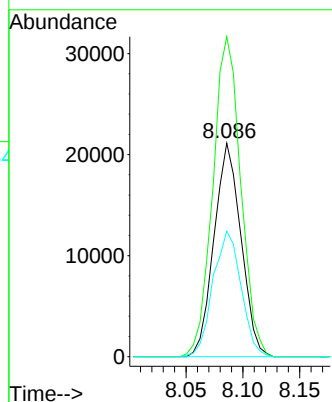
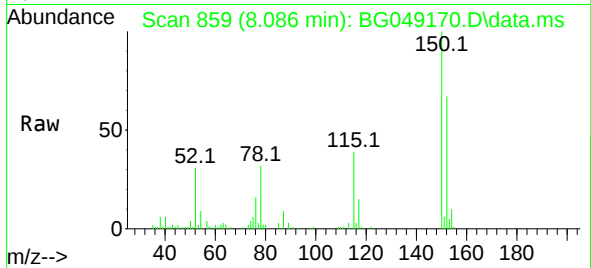




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.086 min Scan# 859
Delta R.T. -0.008 min
Lab File: BG049170.D
Acq: 2 Jul 2021 16:48

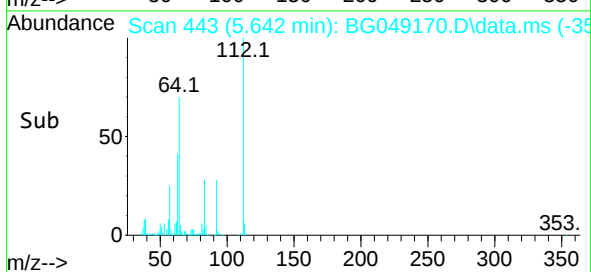
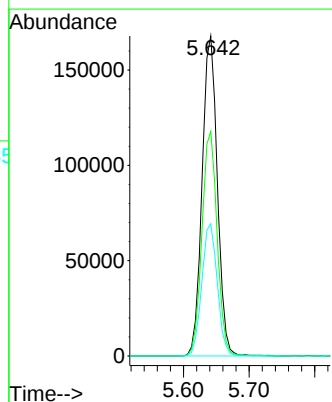
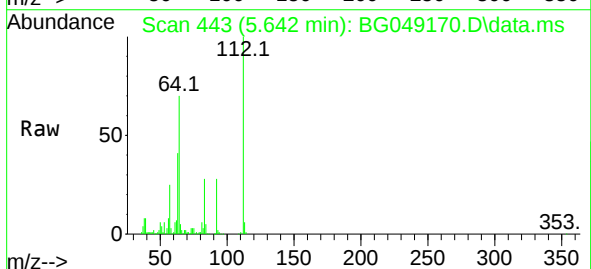
Instrument :
BNA_G
ClientSampleId :
WC-CROPSEY-SOLIDS

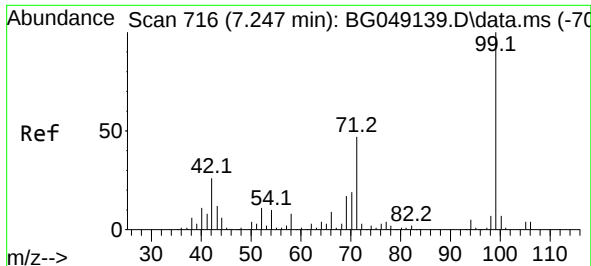
Tgt Ion:152 Resp: 34830
Ion Ratio Lower Upper
152 100
150 149.8 119.4 179.0
115 58.7 60.2 90.4#



#5
2-Fluorophenol
Concen: 122.262 ng
RT: 5.642 min Scan# 443
Delta R.T. -0.002 min
Lab File: BG049170.D
Acq: 2 Jul 2021 16:48

Tgt Ion:112 Resp: 271879
Ion Ratio Lower Upper
112 100
64 70.2 46.7 70.1#
63 41.3 35.3 52.9

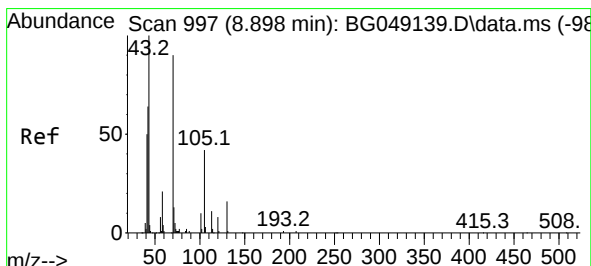
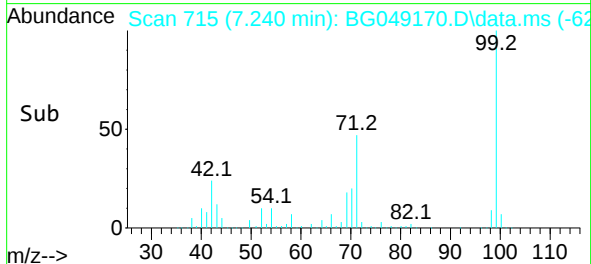
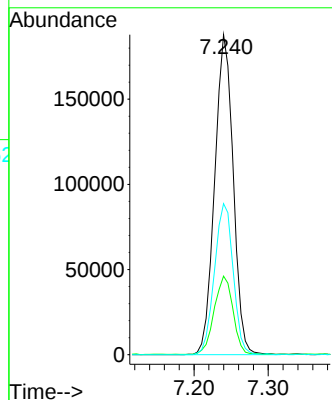
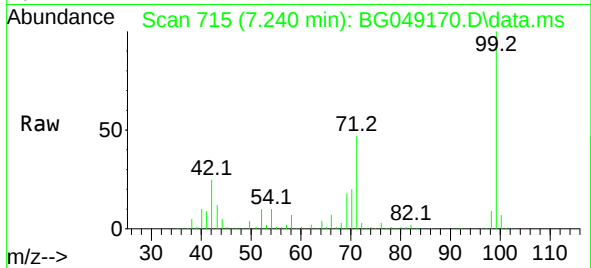




#7
Phenol-d6
Concen: 102.821 ng
RT: 7.240 min Scan# 715
Delta R.T. -0.008 min
Lab File: BG049170.D
Acq: 2 Jul 2021 16:48

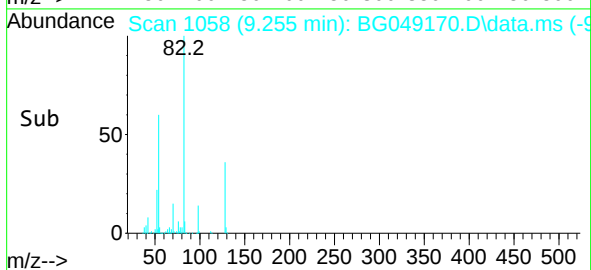
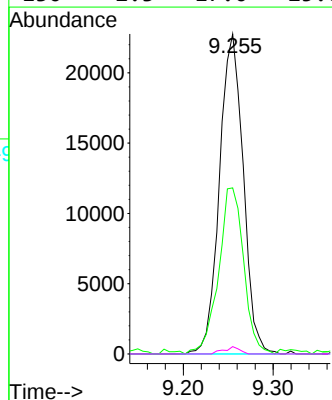
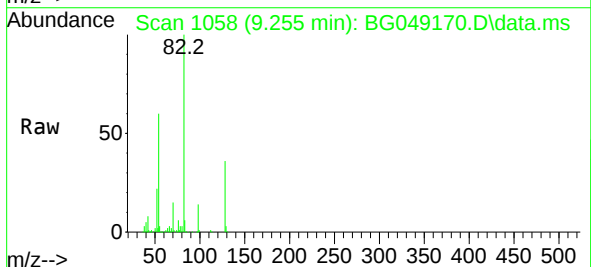
Instrument :
BNA_G
ClientSampleId :
WC-CROPSEY-SOLIDS

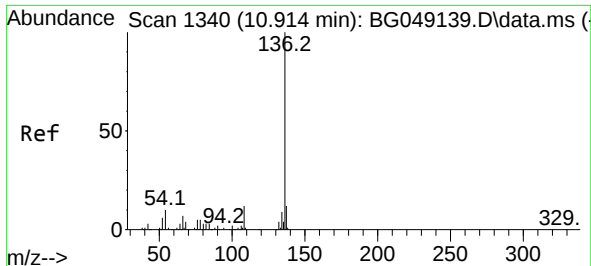
Tgt Ion: 99 Resp: 325985
Ion Ratio Lower Upper
99 100
42 24.6 20.5 30.7
71 47.2 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.360 ng
RT: 9.255 min Scan# 1058
Delta R.T. 0.356 min
Lab File: BG049170.D
Acq: 2 Jul 2021 16:48

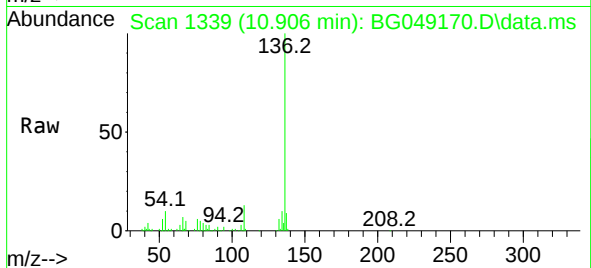
Tgt Ion: 70 Resp: 41832
Ion Ratio Lower Upper
70 100
42 51.9 54.5 81.7#
101 0.0 9.0 13.6#
130 2.3 17.0 25.6#



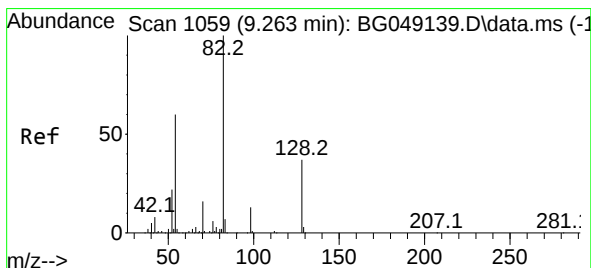
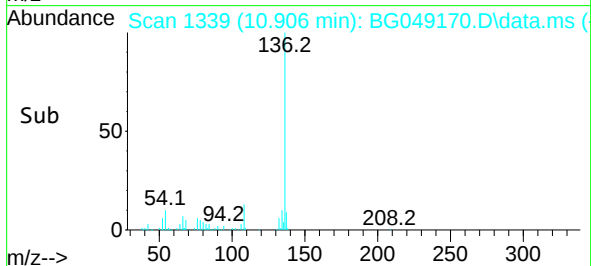
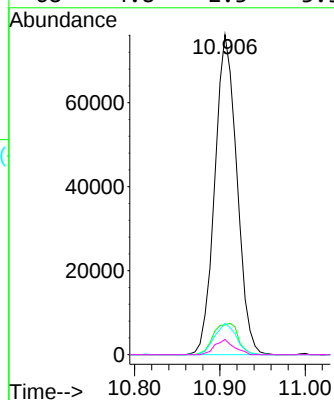


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.906 min Scan# 1339
Delta R.T. -0.008 min
Lab File: BG049170.D
Acq: 2 Jul 2021 16:48

Instrument :
BNA_G
ClientSampleId :
WC-CROPSEY-SOLIDS

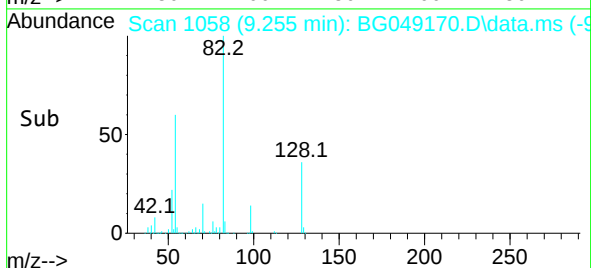
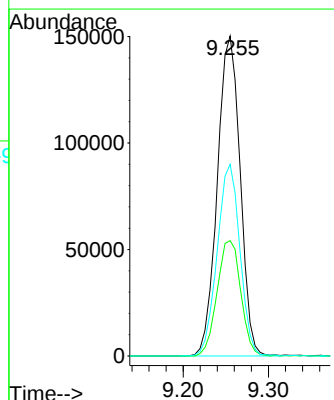
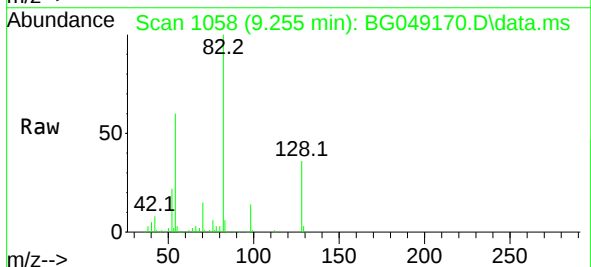


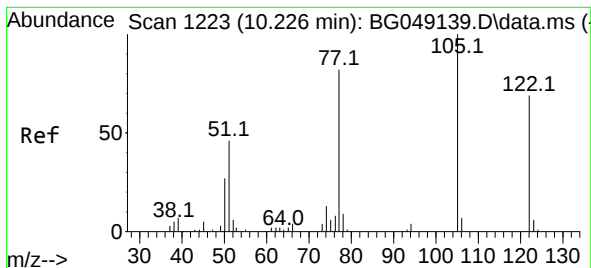
Tgt Ion:136 Resp: 136790
Ion Ratio Lower Upper
136 100
137 9.3 8.2 12.2
54 9.8 5.5 8.3#
68 4.8 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 86.602 ng
RT: 9.255 min Scan# 1058
Delta R.T. -0.008 min
Lab File: BG049170.D
Acq: 2 Jul 2021 16:48

Tgt Ion: 82 Resp: 279410
Ion Ratio Lower Upper
82 100
128 36.1 29.8 44.6
54 59.9 45.8 68.8

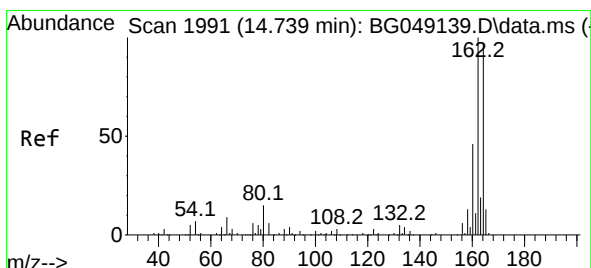
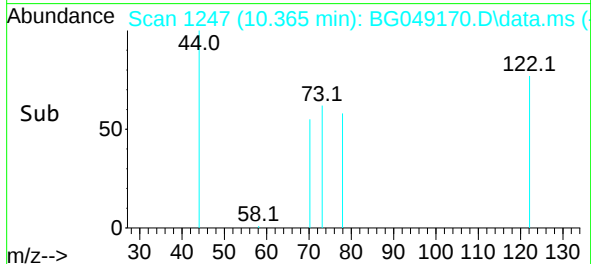
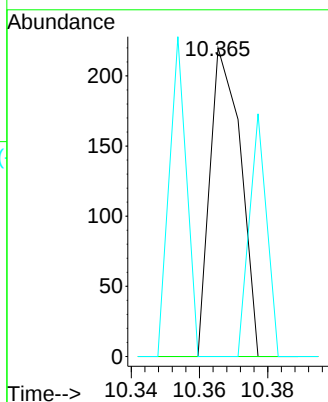
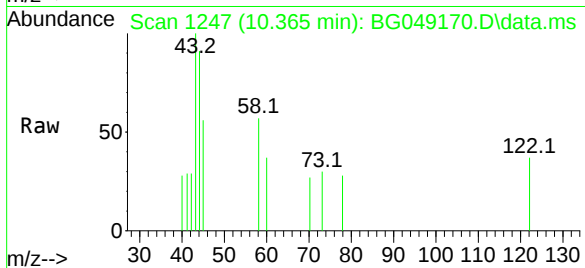




#32
Benzoic acid
Concen: 6.347 ng
RT: 10.365 min Scan# 1247
Delta R.T. 0.139 min
Lab File: BG049170.D
Acq: 2 Jul 2021 16:48

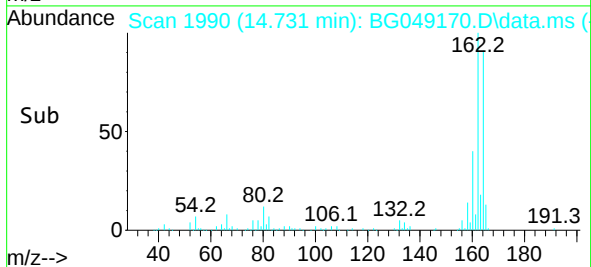
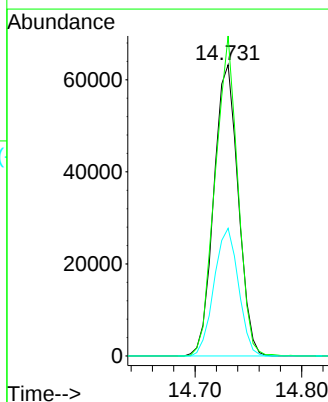
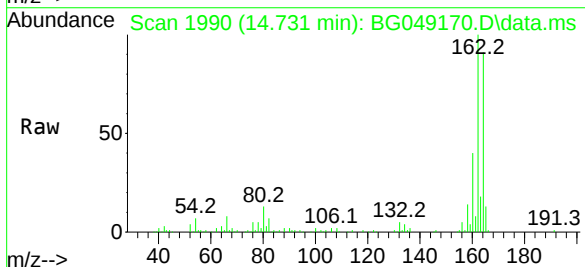
Instrument :
BNA_G
ClientSampleId :
WC-CROPSEY-SOLIDS

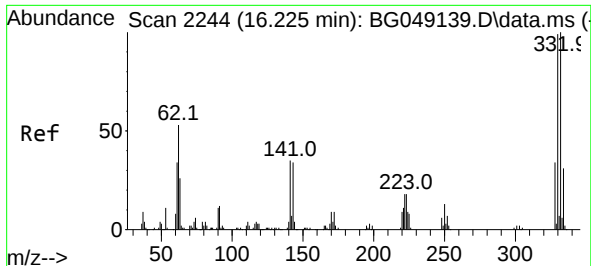
Tgt Ion:122 Resp: 137
Ion Ratio Lower Upper
122 100
105 0.0 92.3 132.3#
77 0.0 66.5 106.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.731 min Scan# 1990
Delta R.T. -0.008 min
Lab File: BG049170.D
Acq: 2 Jul 2021 16:48

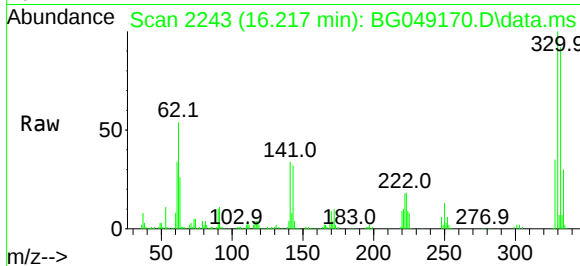
Tgt Ion:164 Resp: 100297
Ion Ratio Lower Upper
164 100
162 109.9 81.4 122.0
160 43.8 34.9 52.3



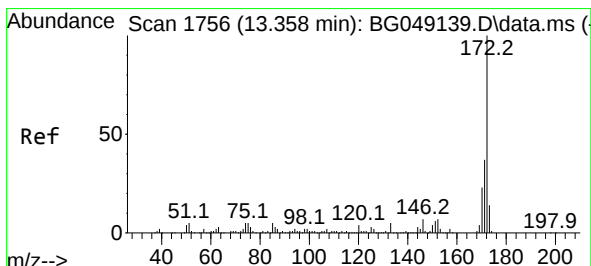
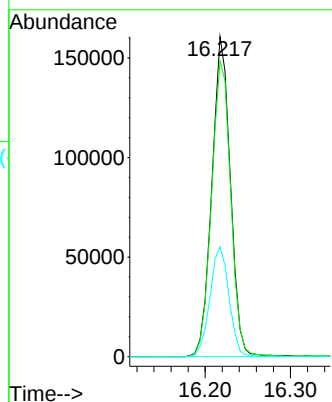
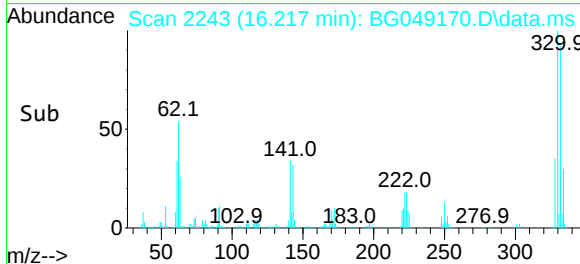


#42
2,4,6-Tribromophenol
Concen: 139.239 ng
RT: 16.217 min Scan# 2243
Delta R.T. -0.008 min
Lab File: BG049170.D
Acq: 2 Jul 2021 16:48

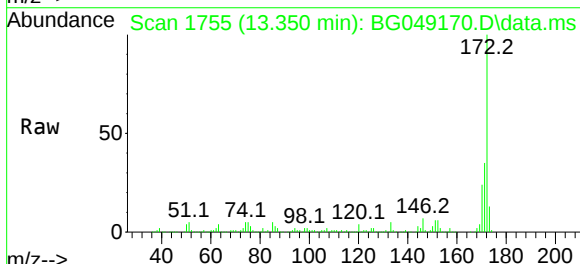
Instrument :
BNA_G
ClientSampleId :
WC-CROPSEY-SOLIDS



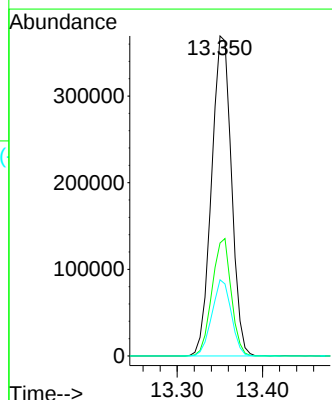
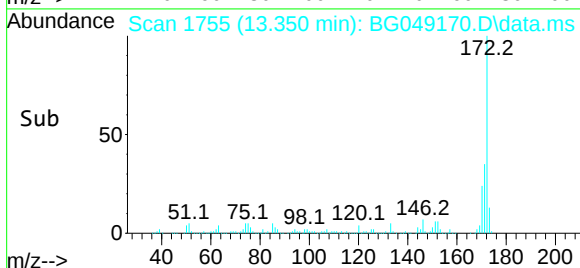
Tgt Ion:330 Resp: 242094
Ion Ratio Lower Upper
330 100
332 95.6 77.3 115.9
141 35.5 35.6 53.4#

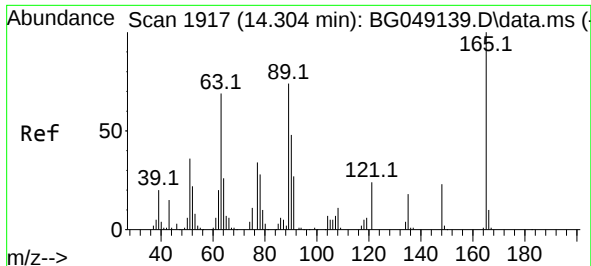


#45
2-Fluorobiphenyl
Concen: 80.606 ng
RT: 13.350 min Scan# 1755
Delta R.T. -0.008 min
Lab File: BG049170.D
Acq: 2 Jul 2021 16:48



Tgt Ion:172 Resp: 599231
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.8 18.6 27.8

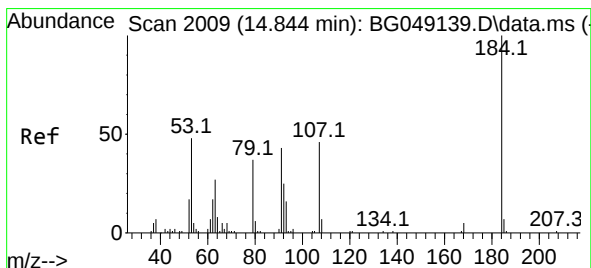
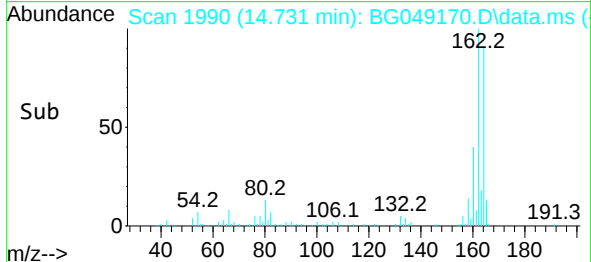
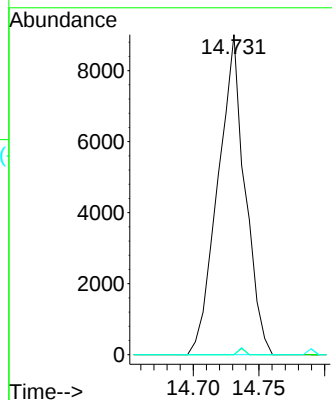
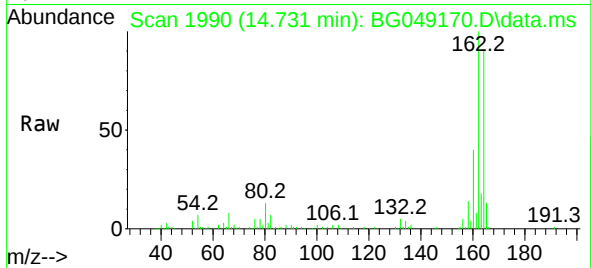




#51
2,6-Dinitrotoluene
Concen: 7.004 ng
RT: 14.731 min Scan# 1990
Delta R.T. 0.427 min
Lab File: BG049170.D
Acq: 2 Jul 2021 16:48

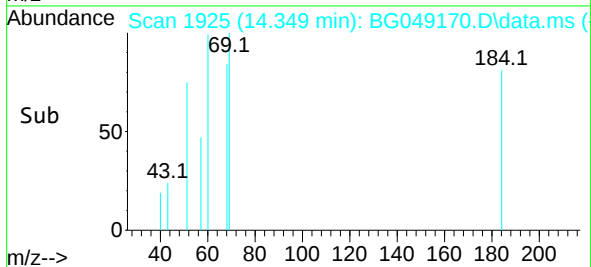
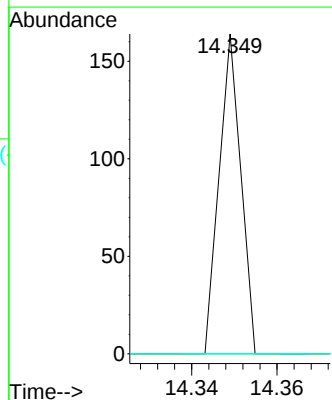
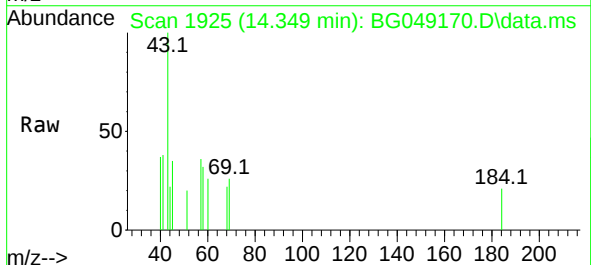
Instrument :
BNA_G
ClientSampleId :
WC-CROPSEY-SOLIDS

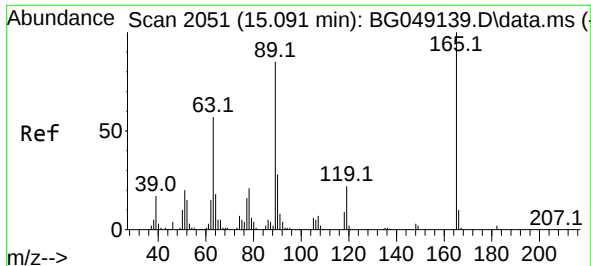
Tgt Ion:165 Resp: 12924
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



#54
2,4-Dinitrophenol
Concen: 5.207 ng
RT: 14.349 min Scan# 1925
Delta R.T. -0.495 min
Lab File: BG049170.D
Acq: 2 Jul 2021 16:48

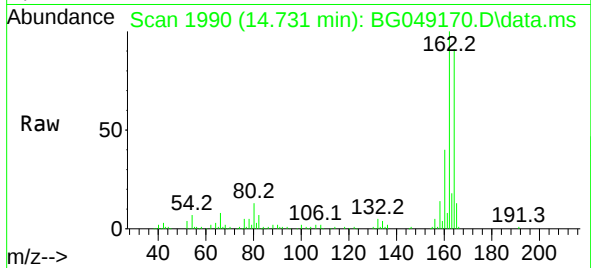
Tgt Ion:184 Resp: 58
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 0.0 62.6 93.8#



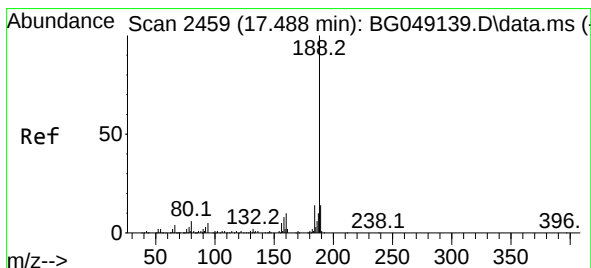
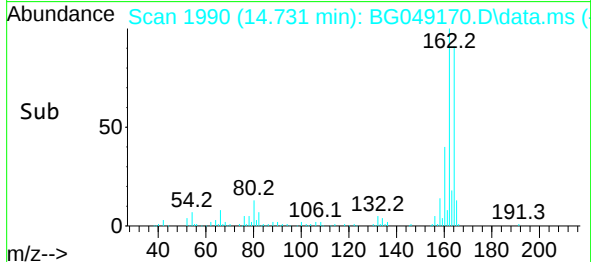
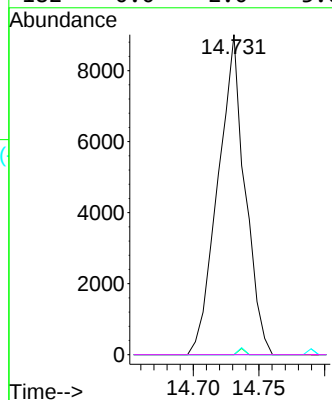


#57
2,4-Dinitrotoluene
Concen: 4.931 ng
RT: 14.731 min Scan# 1990
Delta R.T. -0.360 min
Lab File: BG049170.D
Acq: 2 Jul 2021 16:48

Instrument :
BNA_G
ClientSampleId :
WC-CROPSEY-SOLIDS

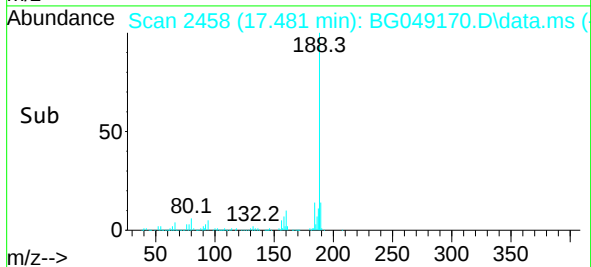
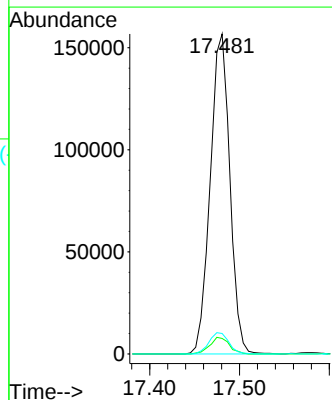
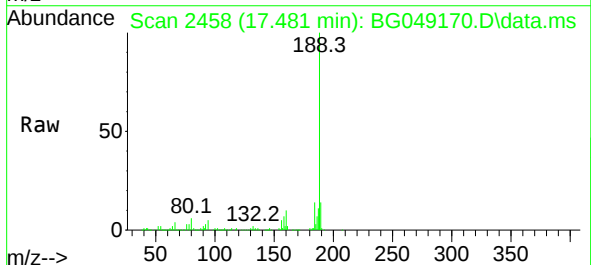


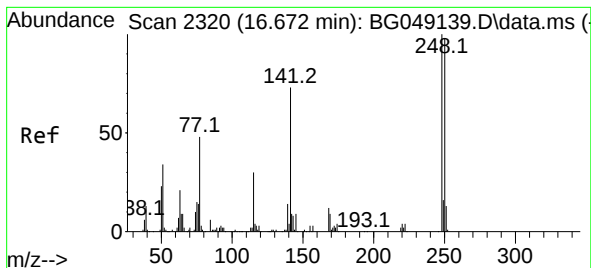
Tgt Ion:165 Resp: 12924
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.481 min Scan# 2458
Delta R.T. -0.008 min
Lab File: BG049170.D
Acq: 2 Jul 2021 16:48

Tgt Ion:188 Resp: 237356
Ion Ratio Lower Upper
188 100
94 4.8 5.4 8.0#
80 6.4 3.7 5.5#

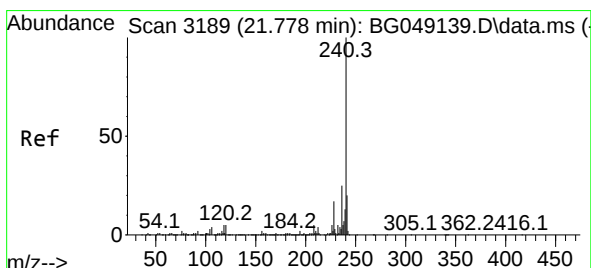
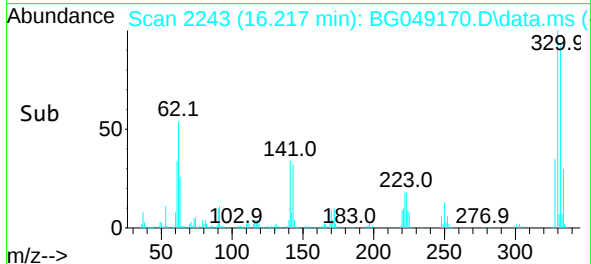
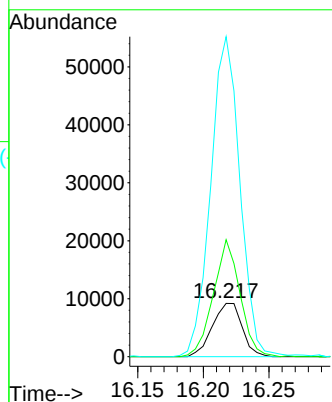
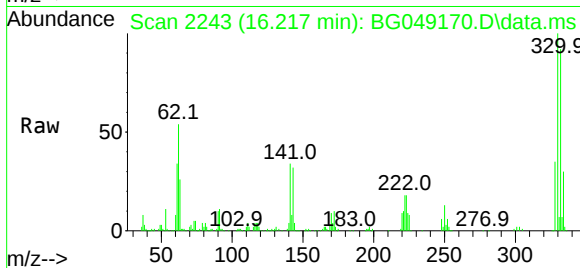




#67
4-Bromophenyl-phenylether
Concen: 4.526 ng
RT: 16.217 min Scan# 2243
Delta R.T. -0.454 min
Lab File: BG049170.D
Acq: 2 Jul 2021 16:48

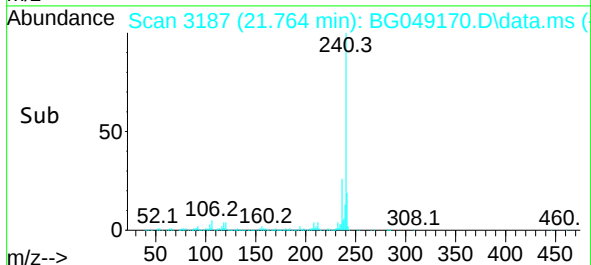
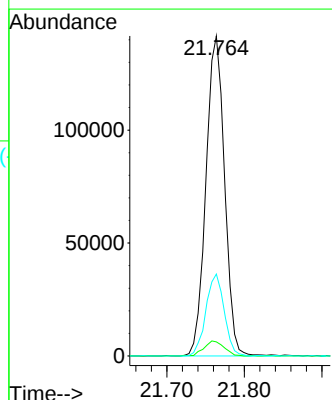
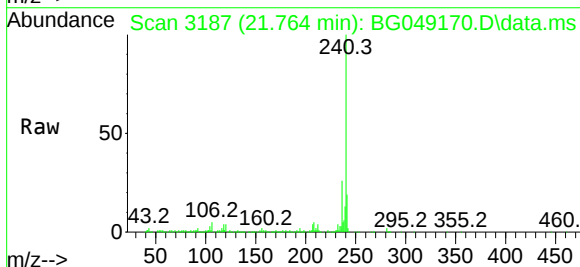
Instrument :
BNA_G
ClientSampleId :
WC-CROPSEY-SOLIDS

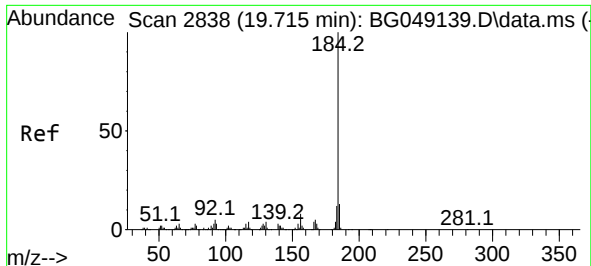
Tgt Ion:248 Resp: 14494
Ion Ratio Lower Upper
248 100
250 219.4 76.1 114.1#
141 600.3 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.764 min Scan# 3187
Delta R.T. -0.014 min
Lab File: BG049170.D
Acq: 2 Jul 2021 16:48

Tgt Ion:240 Resp: 236234
Ion Ratio Lower Upper
240 100
120 4.4 4.2 6.2
236 25.6 21.8 32.6

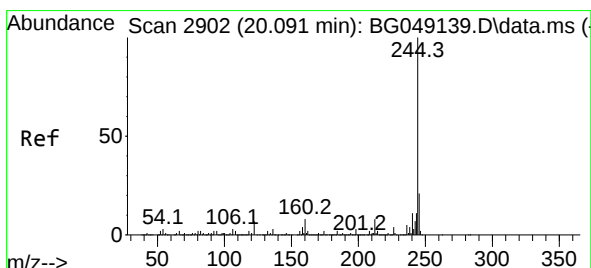
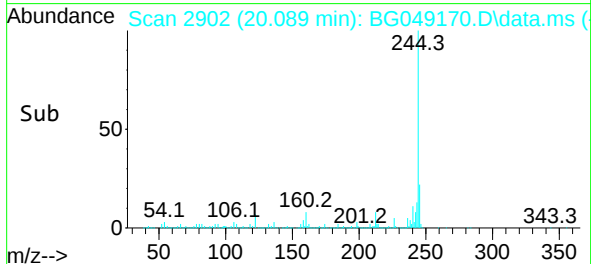
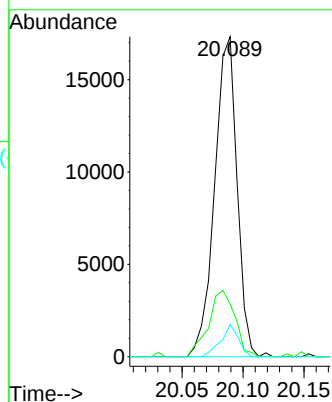
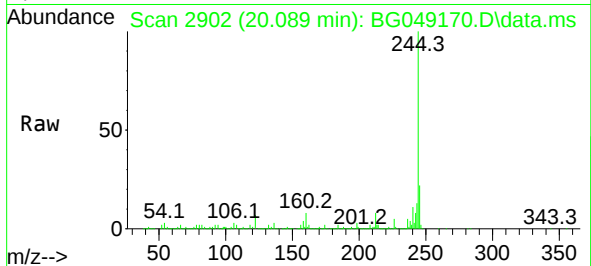




#77
Benzidine
Concen: 4.365 ng
RT: 20.089 min Scan# 2902
Delta R.T. 0.374 min
Lab File: BG049170.D
Acq: 2 Jul 2021 16:48

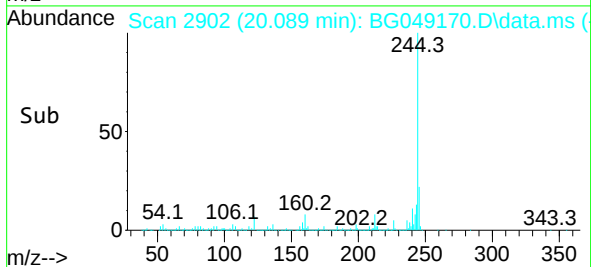
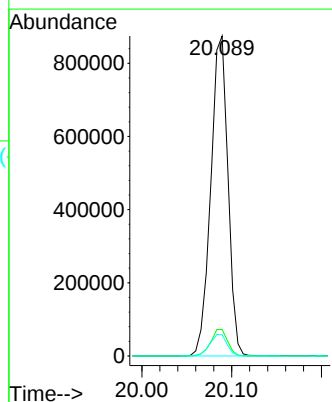
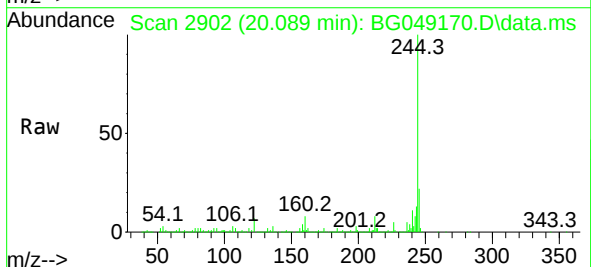
Instrument :
BNA_G
ClientSampleId :
WC-CROPSEY-SOLIDS

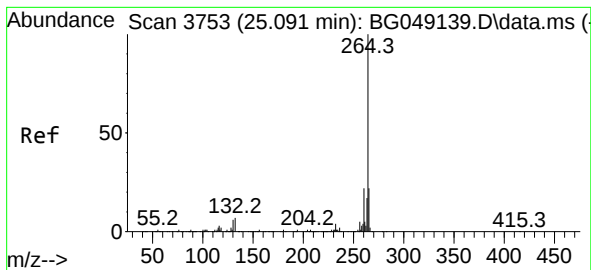
Tgt Ion:184 Resp: 22148
Ion Ratio Lower Upper
184 100
185 16.4 10.7 16.1#
183 10.1 9.4 14.0



#79
Terphenyl-d14
Concen: 83.449 ng
RT: 20.089 min Scan# 2902
Delta R.T. -0.002 min
Lab File: BG049170.D
Acq: 2 Jul 2021 16:48

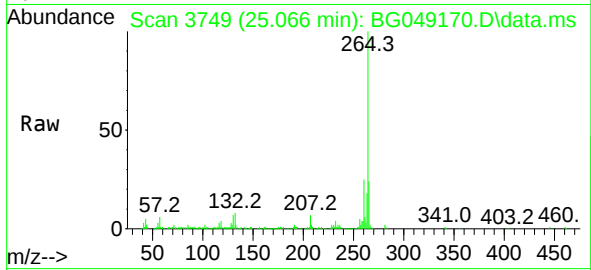
Tgt Ion:244 Resp: 1163362
Ion Ratio Lower Upper
244 100
212 8.3 6.9 10.3
122 6.6 5.0 7.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.066 min Scan# 3749
 Delta R.T. -0.025 min
 Lab File: BG049170.D
 Acq: 2 Jul 2021 16:48

Instrument :
 BNA_G
 ClientSampleId :
 WC-CROPSEY-SOLIDS



Tgt Ion:264 Resp: 241425
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.4 29.2
 265 23.6 16.9 25.3

