

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091322\
 Data File : BG054937.D
 Acq On : 14 Sep 2022 1:19
 Operator : CG/JU
 Sample : N4579-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CHERRY-HILL-COMP-12

Quant Time: Sep 14 03:25:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 10 01:53:42 2022
 Response via : Initial Calibration

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

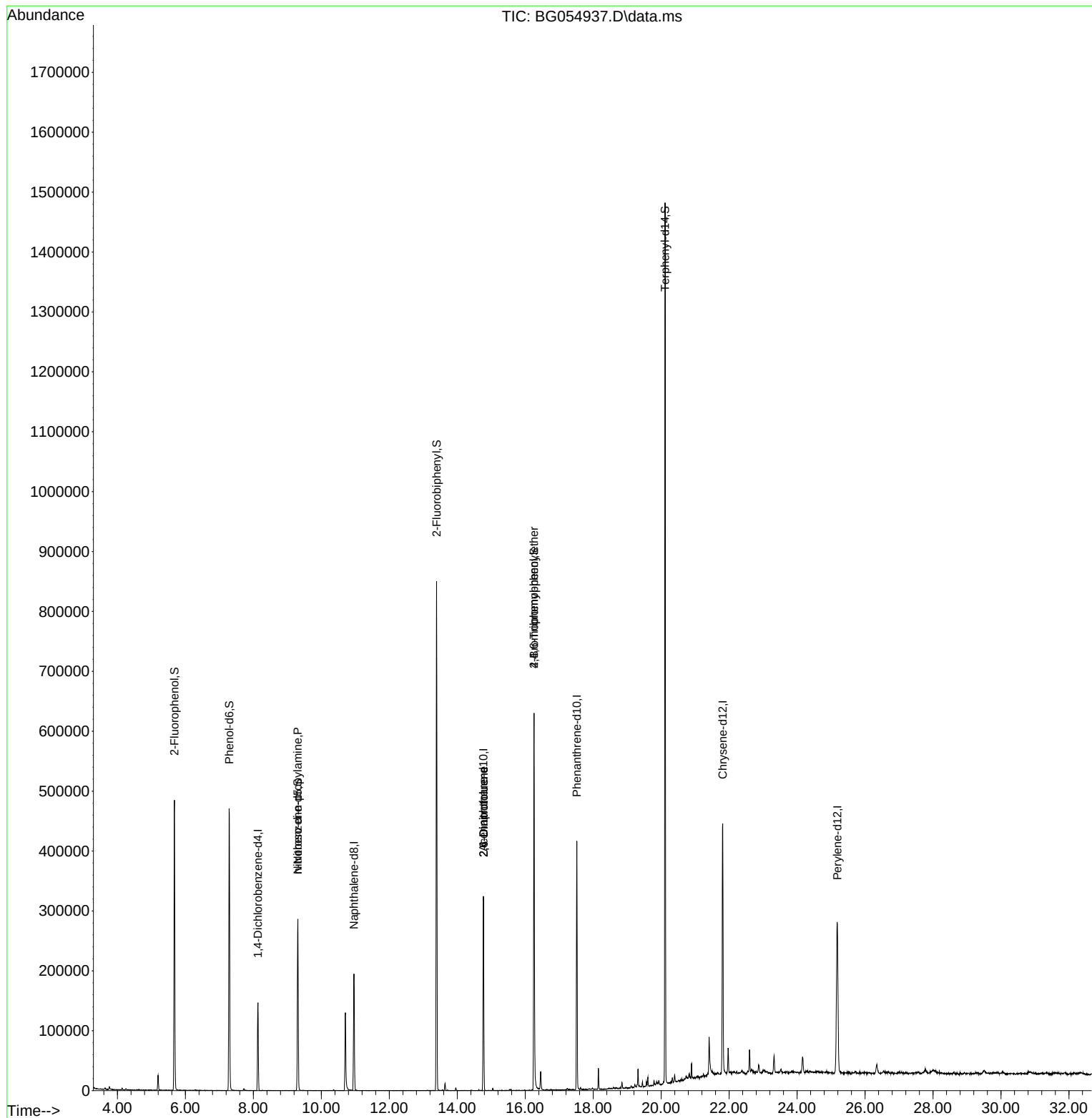
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.135	152	46608	20.000	ng	-0.01
21) Naphthalene-d8	10.961	136	184188	20.000	ng	#-0.01
39) Acenaphthene-d10	14.768	164	124088	20.000	ng	-0.01
64) Phenanthrene-d10	17.518	188	277415	20.000	ng	-0.01
76) Chrysene-d12	21.813	240	277828	20.000	ng	-0.01
86) Perylene-d12	25.185	264	292441	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.679	112	246167	91.973	ng	0.00
7) Phenol-d6	7.288	99	322710	88.163	ng	-0.01
23) Nitrobenzene-d5	9.310	82	187303	53.384	ng	-0.01
42) 2,4,6-Tribromophenol	16.260	330	153258	98.840	ng	-0.01
45) 2-Fluorobiphenyl	13.393	172	480236	58.169	ng	-0.01
79) Terphenyl-d14	20.115	244	769651	54.889	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.310	70	23265	9.243	ng	# 75
51) 2,6-Dinitrotoluene	14.774	165	15906	8.135	ng	# 20
57) 2,4-Dinitrotoluene	14.774	165	15906	5.881	ng	# 18
67) 4-Bromophenyl-phenylether	16.260	248	9305	3.055	ng	# 1

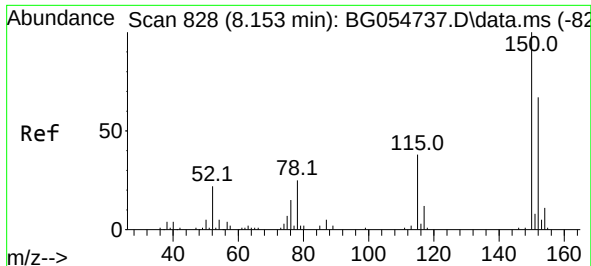
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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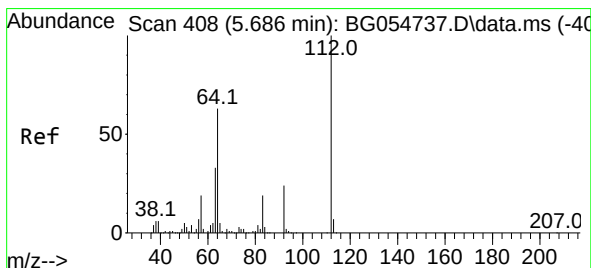
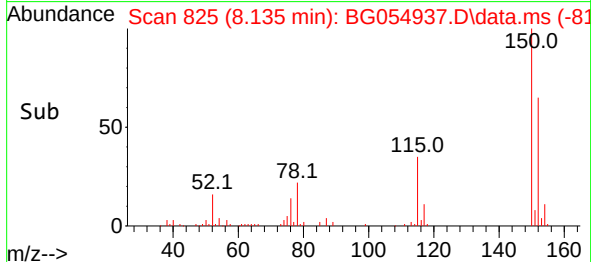
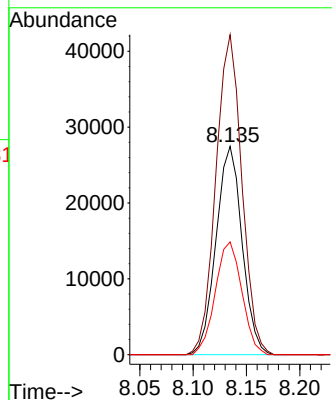
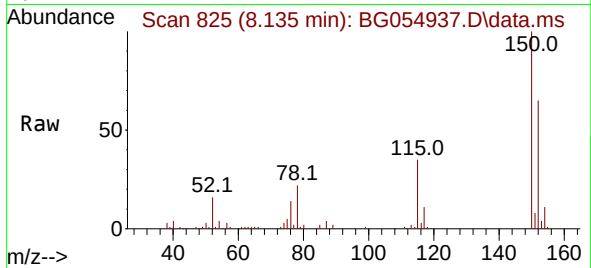




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.135 min Scan# 81
Delta R.T. -0.011 min
Lab File: BG054937.D
Acq: 14 Sep 2022 1:19

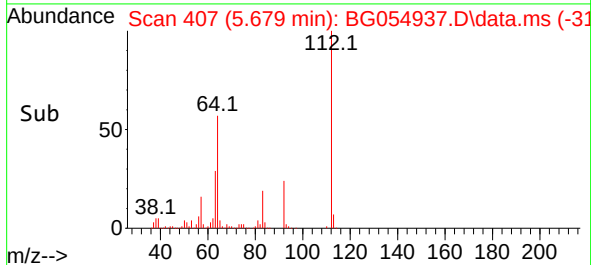
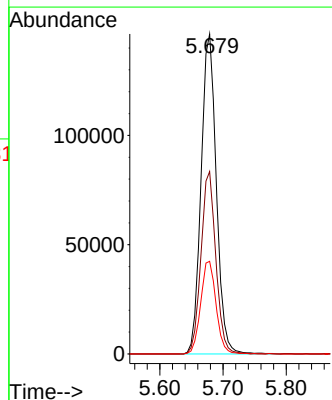
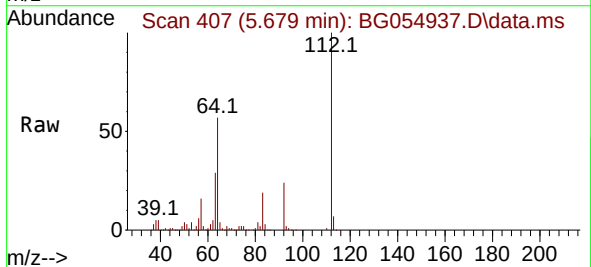
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-12

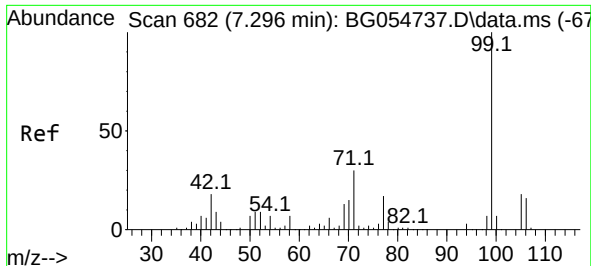
Tgt Ion:152 Resp: 46608
Ion Ratio Lower Upper
152 100
150 153.6 125.2 187.8
115 54.2 47.9 71.9



#5
2-Fluorophenol
Concen: 91.973 ng
RT: 5.679 min Scan# 407
Delta R.T. -0.006 min
Lab File: BG054937.D
Acq: 14 Sep 2022 1:19

Tgt Ion:112 Resp: 246167
Ion Ratio Lower Upper
112 100
64 57.0 49.3 73.9
63 29.0 26.3 39.5

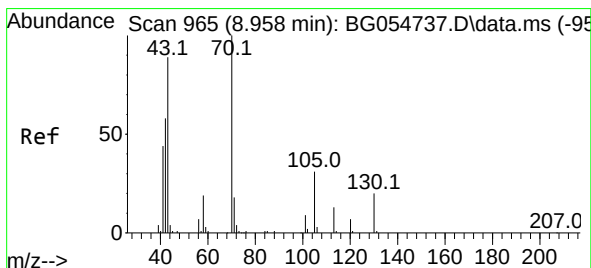
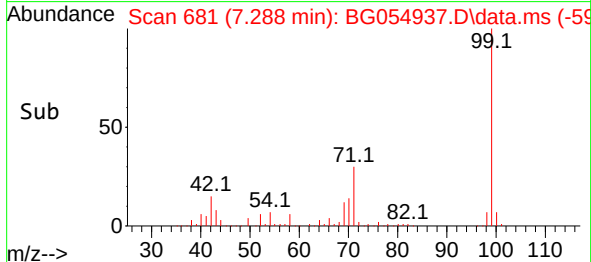
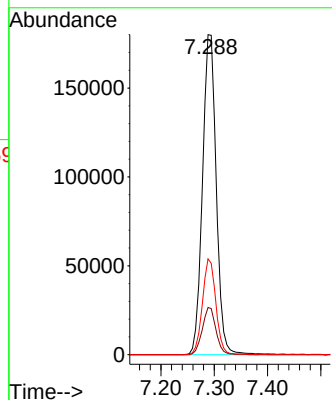
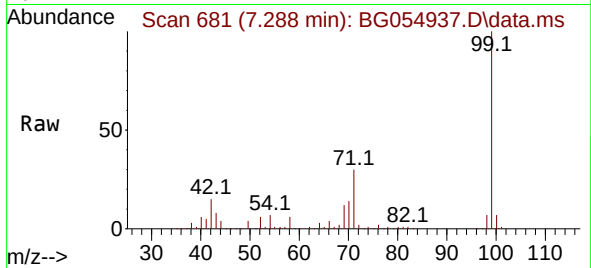




#7
Phenol-d6
Concen: 88.163 ng
RT: 7.288 min Scan# 61
Delta R.T. -0.012 min
Lab File: BG054937.D
Acq: 14 Sep 2022 1:19

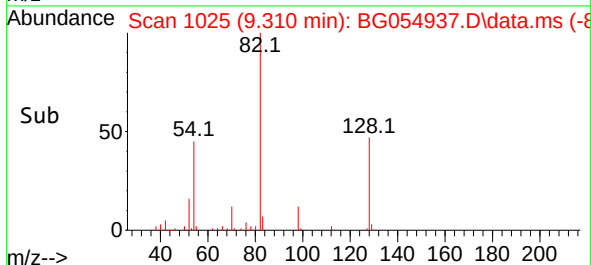
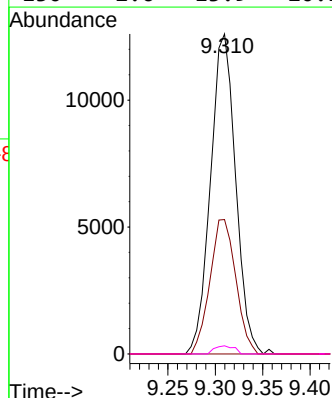
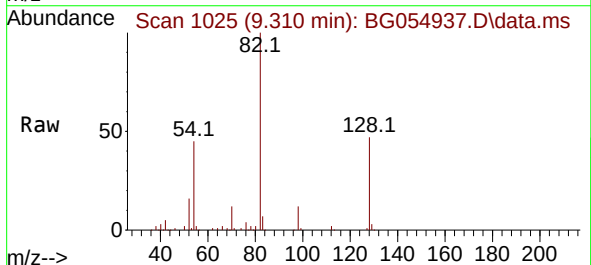
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-12

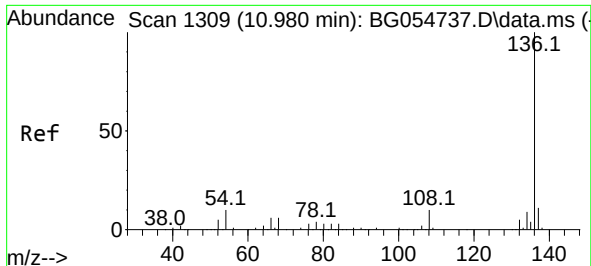
Tgt Ion: 99 Resp: 322710
Ion Ratio Lower Upper
99 100
42 14.8 14.6 22.0
71 30.0 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 9.243 ng
RT: 9.310 min Scan# 1025
Delta R.T. 0.359 min
Lab File: BG054937.D
Acq: 14 Sep 2022 1:19

Tgt Ion: 70 Resp: 23265
Ion Ratio Lower Upper
70 100
42 42.0 46.6 69.8#
101 0.0 7.7 11.5#
130 2.6 13.9 20.9#

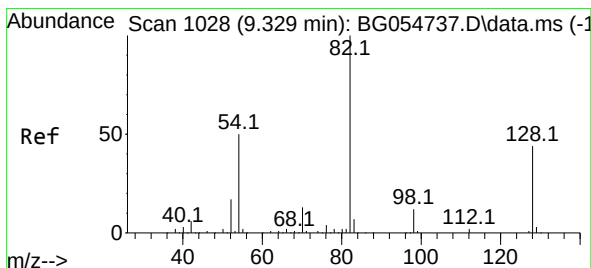
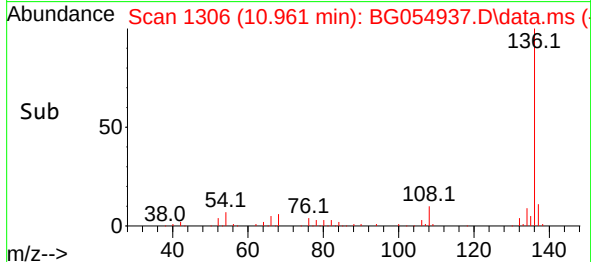
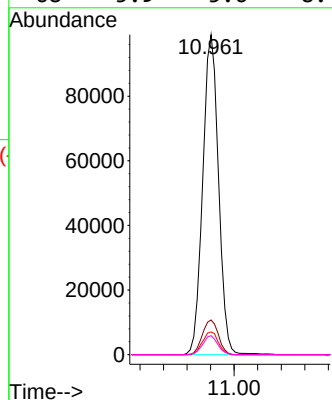
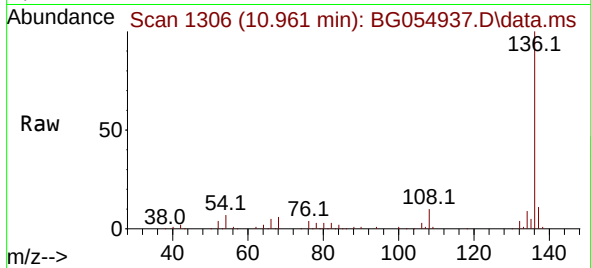




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.961 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG054937.D
Acq: 14 Sep 2022 1:19

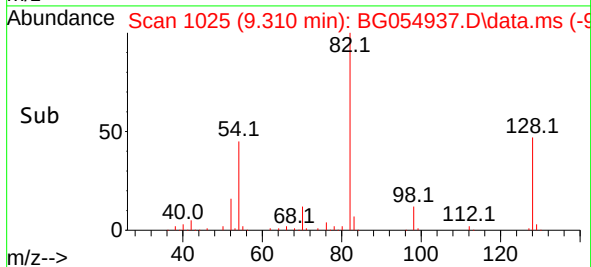
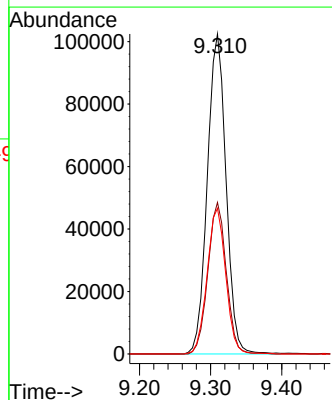
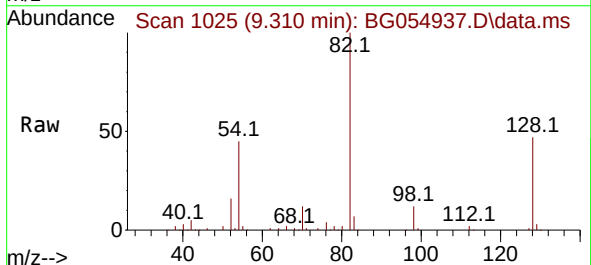
Instrument :
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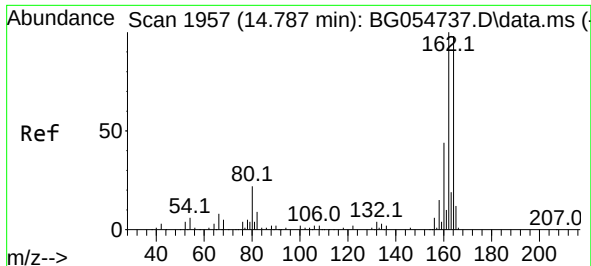
Tgt Ion:136 Resp: 184188
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 7.1 7.7 11.5#
68 5.9 5.6 8.4



#23
Nitrobenzene-d5
Concen: 53.384 ng
RT: 9.310 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BG054937.D
Acq: 14 Sep 2022 1:19

Tgt Ion: 82 Resp: 187303
Ion Ratio Lower Upper
82 100
128 47.3 32.2 48.2
54 45.5 41.4 62.0

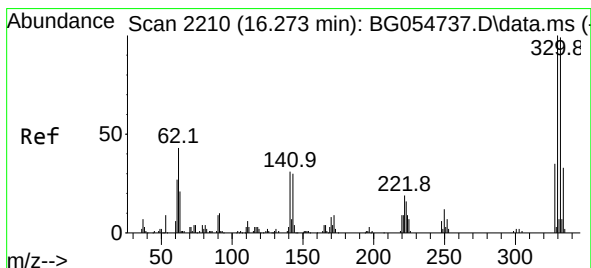
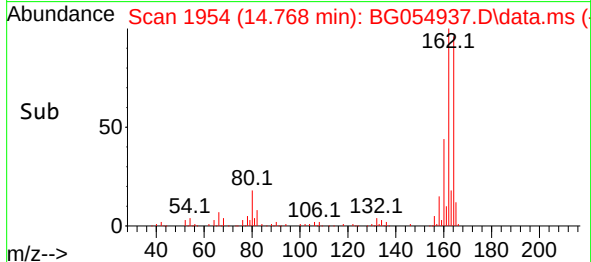
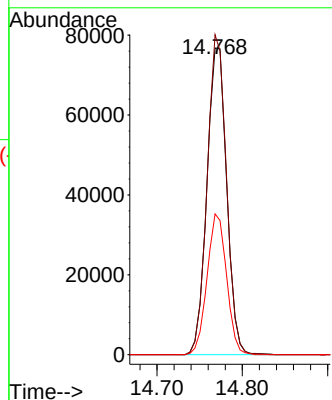
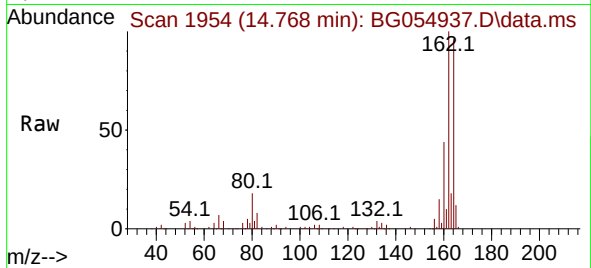




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.768 min Scan# 1954
Delta R.T. -0.012 min
Lab File: BG054937.D
Acq: 14 Sep 2022 1:19

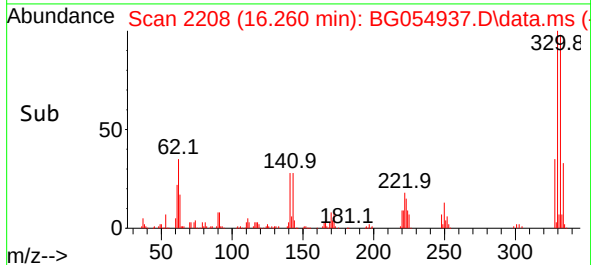
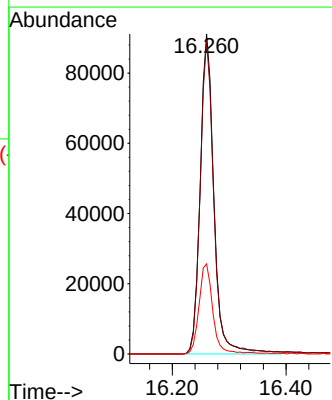
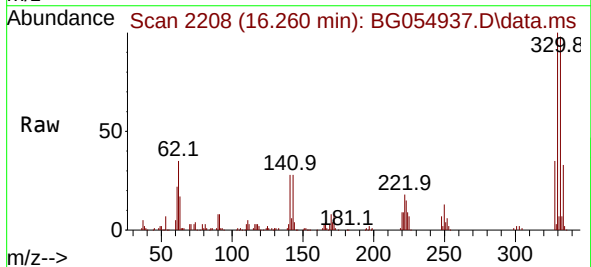
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ClientSampleId :
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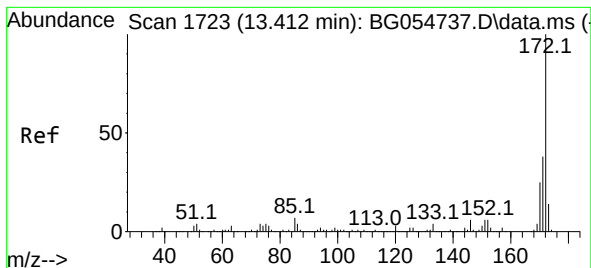
Tgt Ion:164 Resp: 124088
Ion Ratio Lower Upper
164 100
162 104.3 83.0 124.4
160 45.9 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 98.840 ng
RT: 16.260 min Scan# 2208
Delta R.T. -0.012 min
Lab File: BG054937.D
Acq: 14 Sep 2022 1:19

Tgt Ion:330 Resp: 153258
Ion Ratio Lower Upper
330 100
332 98.3 79.8 119.6
141 28.0 26.8 40.2

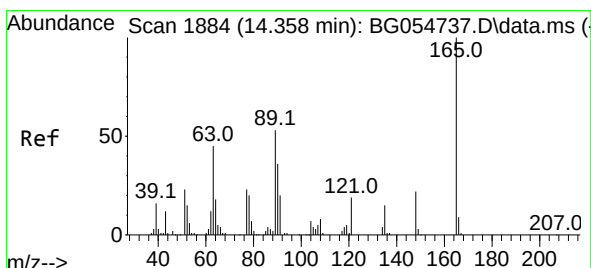
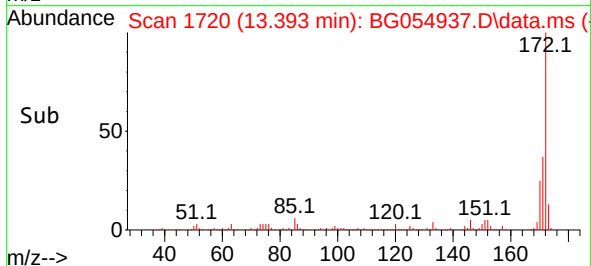
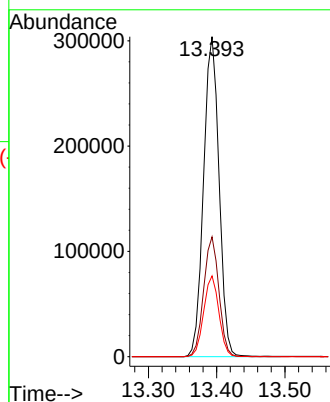
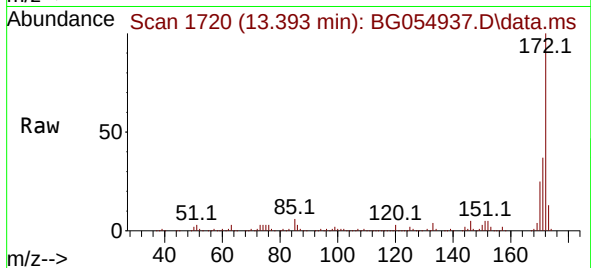




#45
 2-Fluorobiphenyl
 Concen: 58.169 ng
 RT: 13.393 min Scan# 1
 Delta R.T. -0.012 min
 Lab File: BG054937.D
 Acq: 14 Sep 2022 1:19

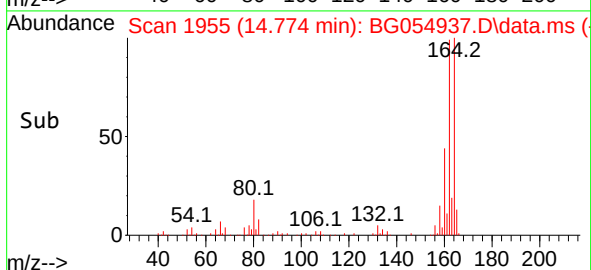
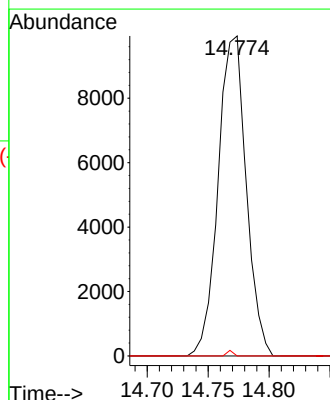
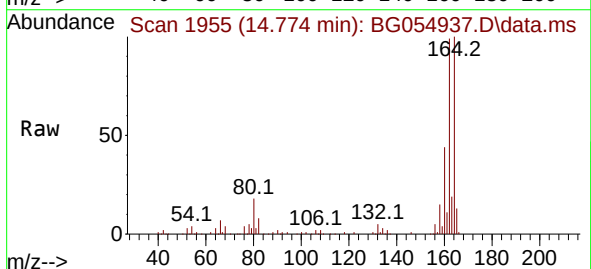
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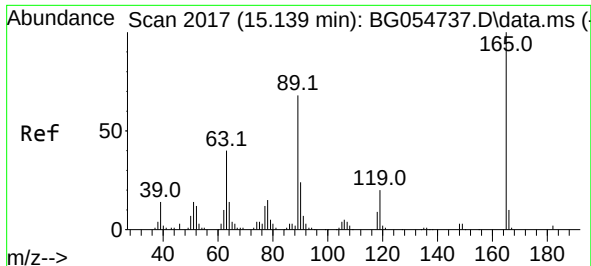
Tgt Ion:172 Resp: 480236
 Ion Ratio Lower Upper
 172 100
 171 37.4 31.2 46.8
 170 25.3 20.6 30.8



#51
 2,6-Dinitrotoluene
 Concen: 8.135 ng
 RT: 14.774 min Scan# 1955
 Delta R.T. 0.417 min
 Lab File: BG054937.D
 Acq: 14 Sep 2022 1:19

Tgt Ion:165 Resp: 15906
 Ion Ratio Lower Upper
 165 100
 63 0.0 46.0 69.0#
 89 0.0 50.3 75.5#

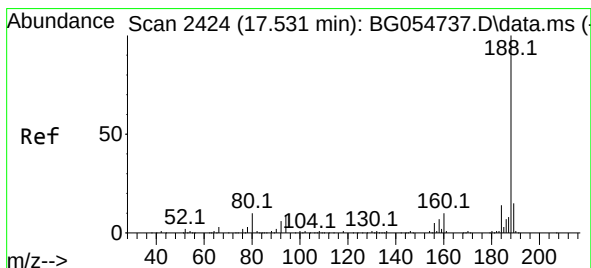
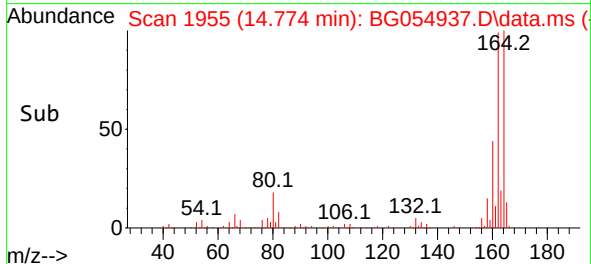
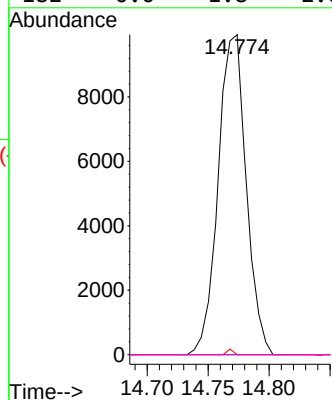
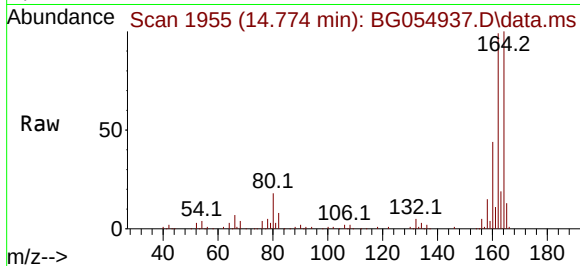




#57
2,4-Dinitrotoluene
Concen: 5.881 ng
RT: 14.774 min Scan# 1955
Delta R.T. -0.370 min
Lab File: BG054937.D
Acq: 14 Sep 2022 1:19

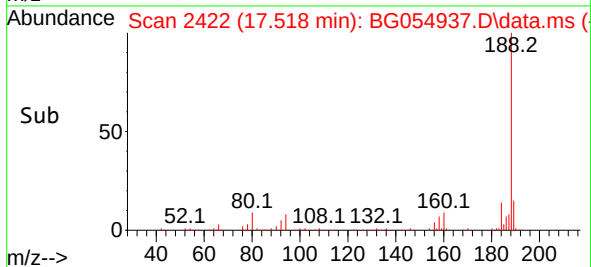
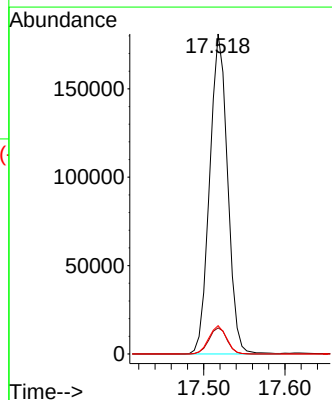
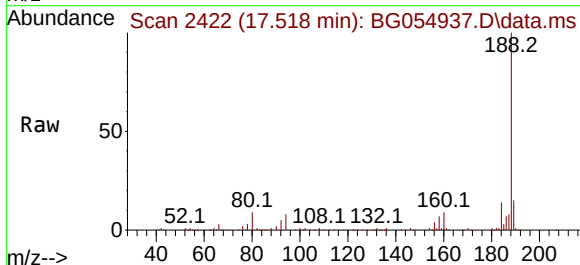
Instrument :
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ClientSampleId :
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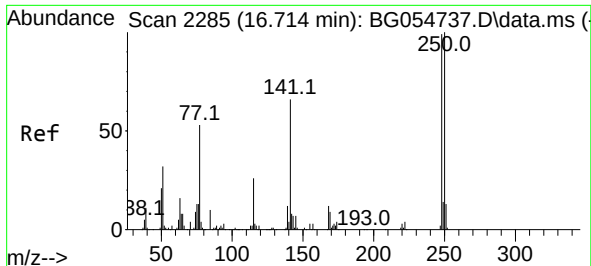
Tgt Ion:165 Resp: 15906
Ion Ratio Lower Upper
165 100
63 0.0 36.8 55.2#
89 0.0 64.3 96.5#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.518 min Scan# 2422
Delta R.T. -0.012 min
Lab File: BG054937.D
Acq: 14 Sep 2022 1:19

Tgt Ion:188 Resp: 277415
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.4
80 8.9 7.9 11.9

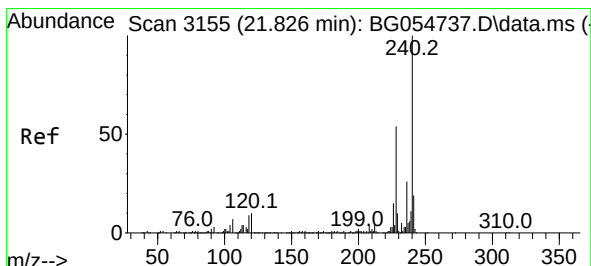
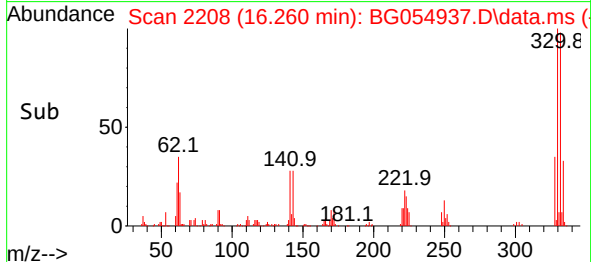
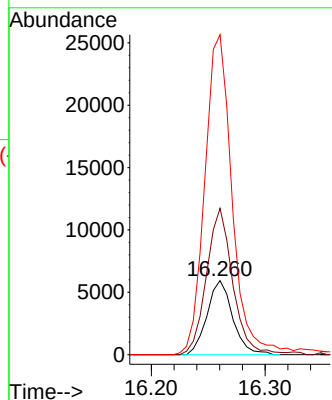
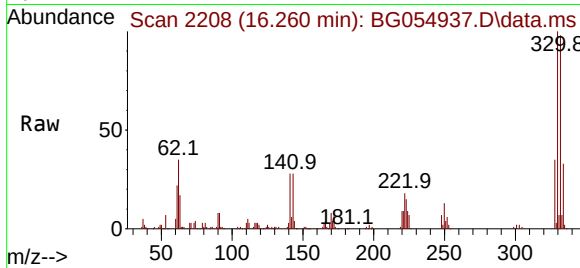




#67
4-Bromophenyl-phenylether
Concen: 3.055 ng
RT: 16.260 min Scan# 211
Delta R.T. -0.446 min
Lab File: BG054937.D
Acq: 14 Sep 2022 1:19

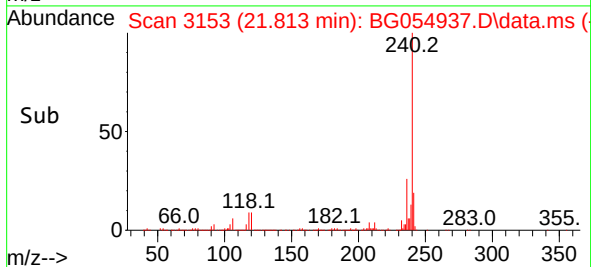
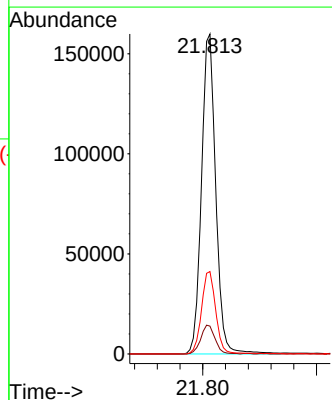
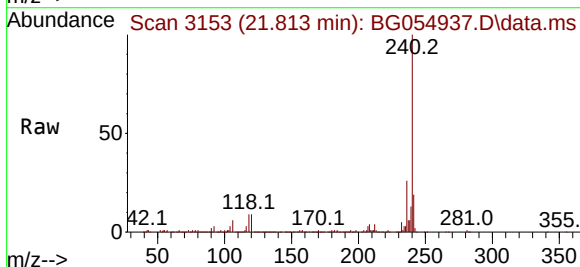
Instrument :
BNA_G
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CHERRY-HILL-COMP-12

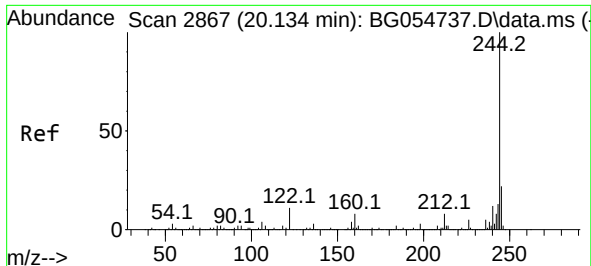
Tgt Ion:248 Resp: 9305
Ion Ratio Lower Upper
248 100
250 197.7 78.8 118.2#
141 432.1 51.9 77.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.813 min Scan# 3153
Delta R.T. -0.012 min
Lab File: BG054937.D
Acq: 14 Sep 2022 1:19

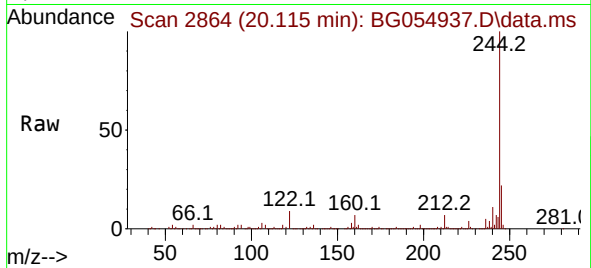
Tgt Ion:240 Resp: 277828
Ion Ratio Lower Upper
240 100
120 8.7 8.2 12.4
236 25.8 21.2 31.8



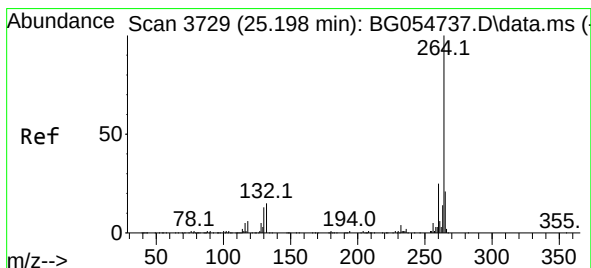
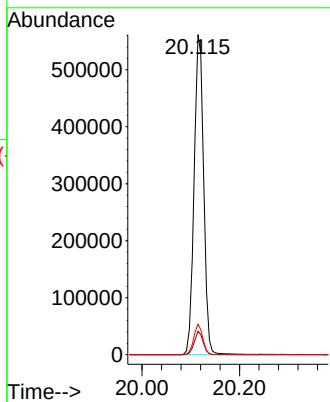
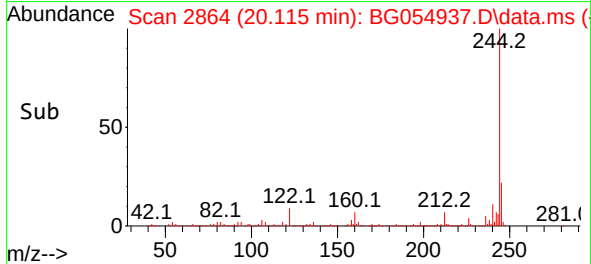


#79
 Terphenyl-d14
 Concen: 54.889 ng
 RT: 20.115 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BG054937.D
 Acq: 14 Sep 2022 1:19

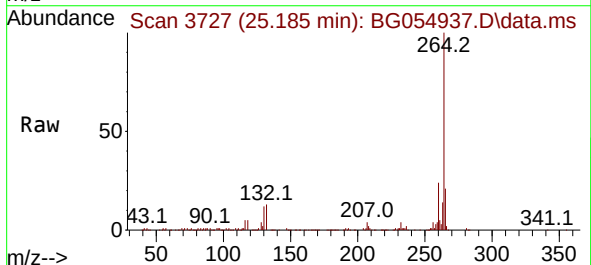
Instrument :
 BNA_G
 ClientSampleId :
 CHERRY-HILL-COMP-12



Tgt Ion:244 Resp: 769651
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 9.5 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.185 min Scan# 3727
 Delta R.T. -0.017 min
 Lab File: BG054937.D
 Acq: 14 Sep 2022 1:19



Tgt Ion:264 Resp: 292441
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.9 29.9
 265 21.4 16.9 25.3

