

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091322\
 Data File : BG054936.D
 Acq On : 14 Sep 2022 00:38
 Operator : CG/JU
 Sample : N4578-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CHERRY-HILL-COMP-2

Quant Time: Sep 14 03:25:29 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)

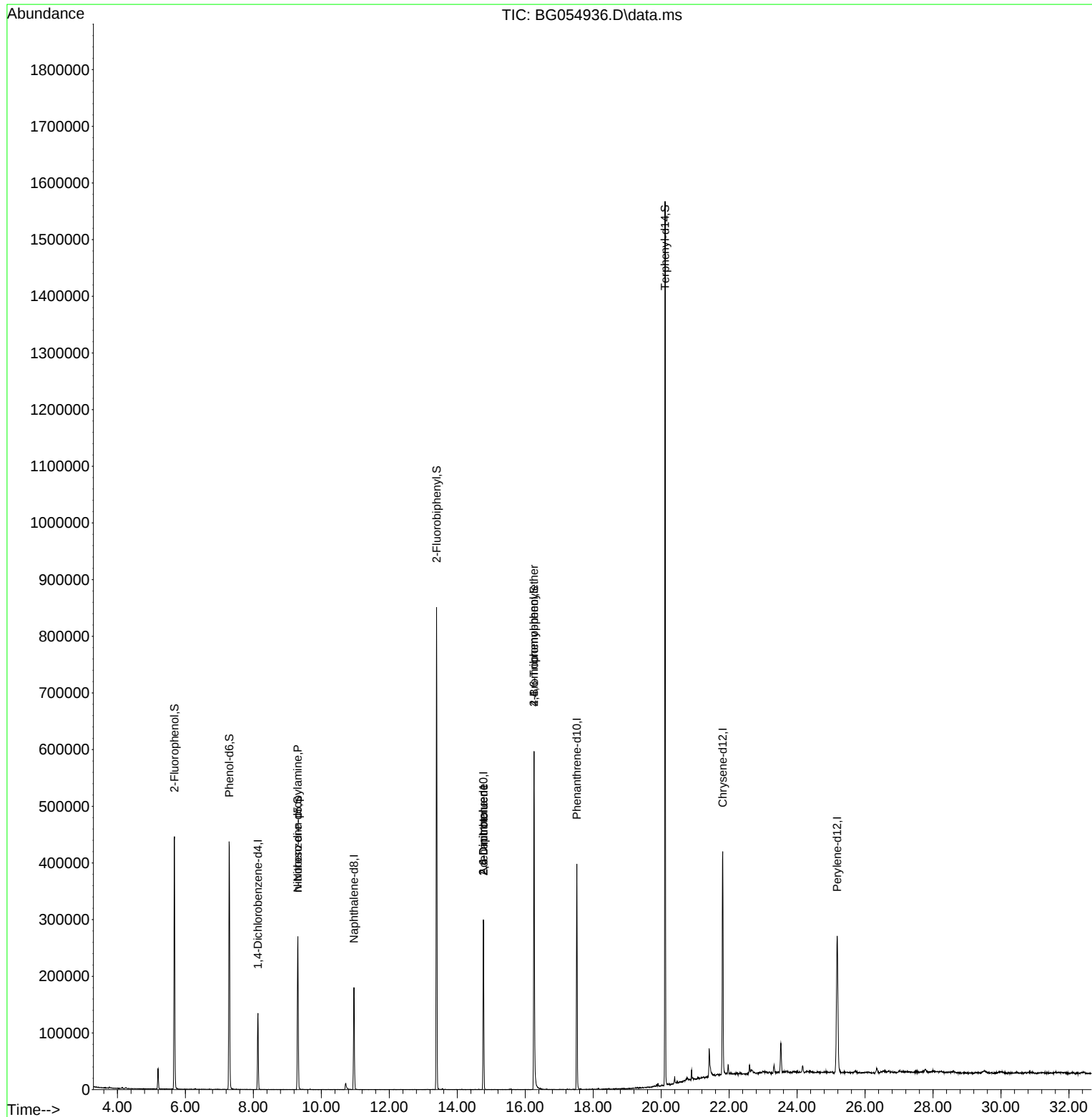
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.134	152	42319	20.000	ng	-0.01
21) Naphthalene-d8	10.960	136	172258	20.000	ng	#-0.01
39) Acenaphthene-d10	14.768	164	117519	20.000	ng	-0.01
64) Phenanthrene-d10	17.517	188	270850	20.000	ng	-0.01
76) Chrysene-d12	21.812	240	262604	20.000	ng	-0.01
86) Perylene-d12	25.179	264	275069	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.678	112	231320	95.185	ng	0.00
7) Phenol-d6	7.288	99	307031	92.381	ng	-0.01
23) Nitrobenzene-d5	9.309	82	179197	54.611	ng	-0.01
42) 2,4,6-Tribromophenol	16.260	330	152193	103.640	ng	-0.01
45) 2-Fluorobiphenyl	13.393	172	474181	60.646	ng	-0.01
79) Terphenyl-d14	20.114	244	808108	60.973	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.309	70	22181	9.705	ng	# 76
51) 2,6-Dinitrotoluene	14.768	165	15180	8.197	ng	# 20
57) 2,4-Dinitrotoluene	14.768	165	15180	5.926	ng	# 18
67) 4-Bromophenyl-phenylether	16.260	248	9209	3.097	ng	# 1

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

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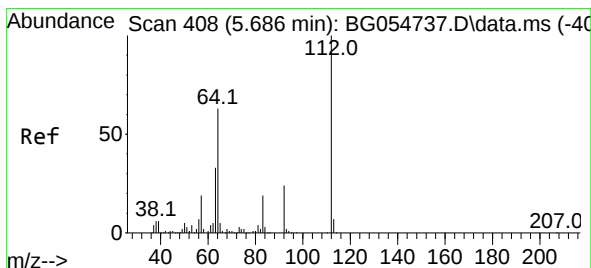
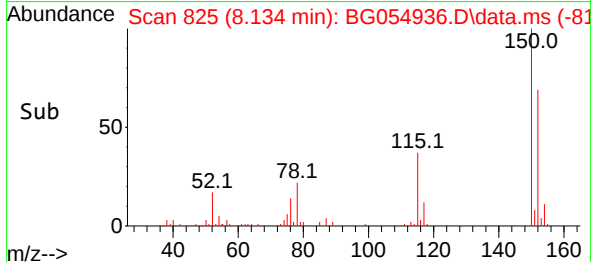
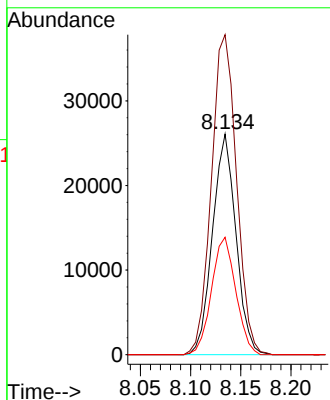
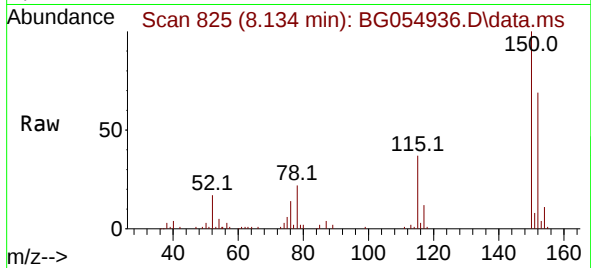




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.134 min Scan# 81
Delta R.T. -0.012 min
Lab File: BG054936.D
Acq: 14 Sep 2022 00:38

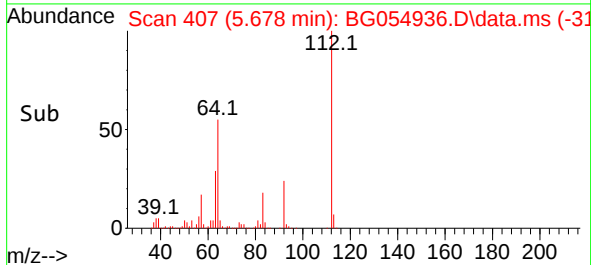
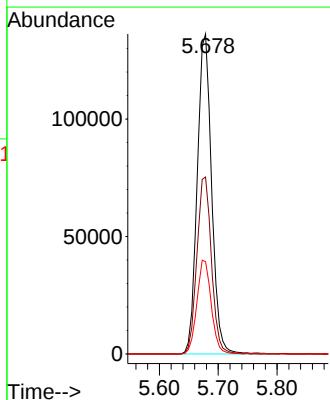
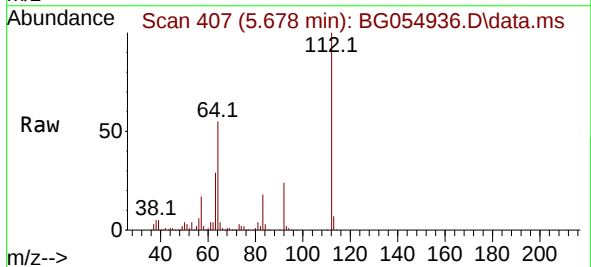
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-2

Tgt Ion:152 Resp: 42319
Ion Ratio Lower Upper
152 100
150 145.0 125.2 187.8
115 53.2 47.9 71.9



#5
2-Fluorophenol
Concen: 95.185 ng
RT: 5.678 min Scan# 407
Delta R.T. -0.006 min
Lab File: BG054936.D
Acq: 14 Sep 2022 00:38

Tgt Ion:112 Resp: 231320
Ion Ratio Lower Upper
112 100
64 55.3 49.3 73.9
63 28.9 26.3 39.5

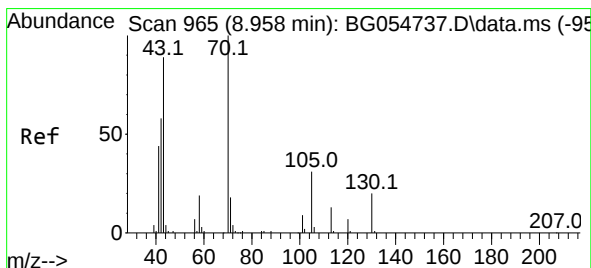
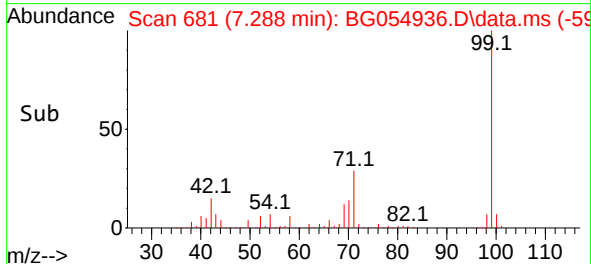
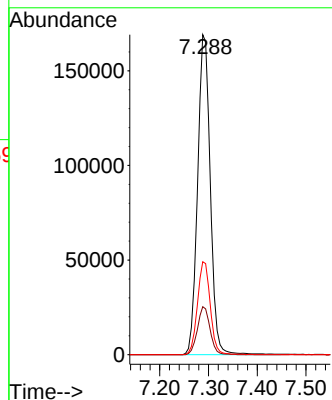
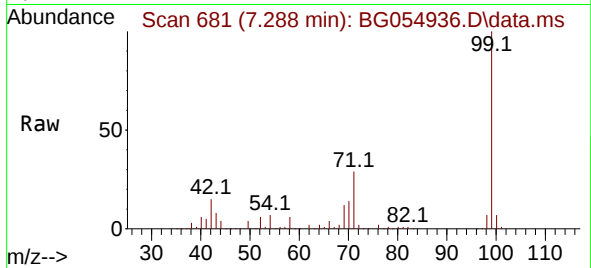




#7
Phenol-d6
Concen: 92.381 ng
RT: 7.288 min Scan# 61
Delta R.T. -0.012 min
Lab File: BG054936.D
Acq: 14 Sep 2022 00:38

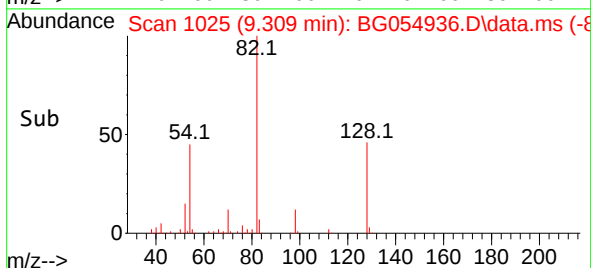
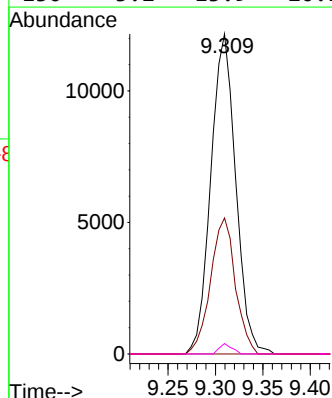
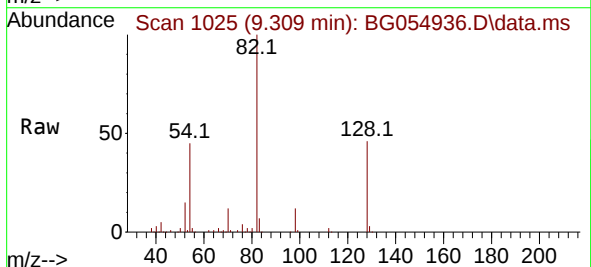
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-2

Tgt Ion: 99 Resp: 307031
Ion Ratio Lower Upper
99 100
42 15.0 14.6 22.0
71 29.1 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 9.705 ng
RT: 9.309 min Scan# 1025
Delta R.T. 0.358 min
Lab File: BG054936.D
Acq: 14 Sep 2022 00:38

Tgt Ion: 70 Resp: 22181
Ion Ratio Lower Upper
70 100
42 42.5 46.6 69.8#
101 0.0 7.7 11.5#
130 3.2 13.9 20.9#

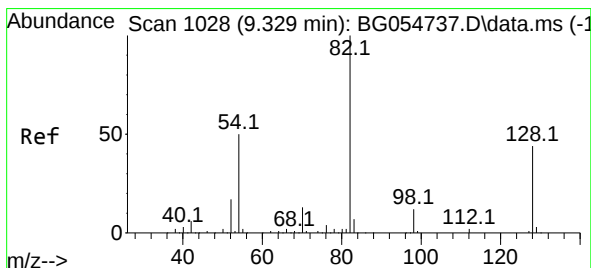
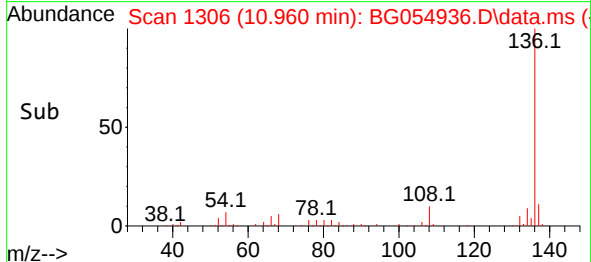
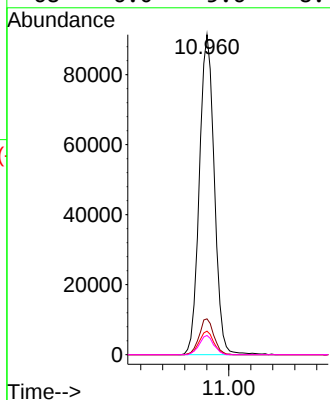
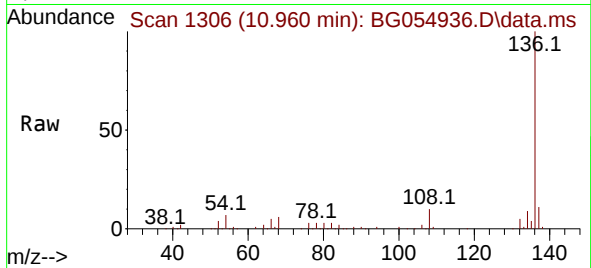




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.960 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG054936.D
Acq: 14 Sep 2022 00:38

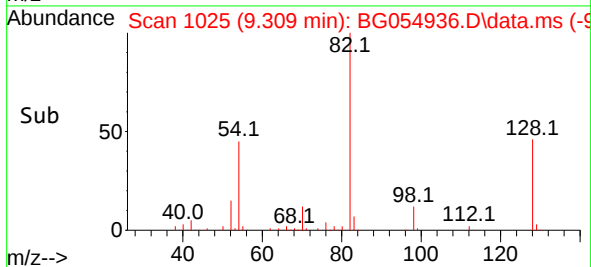
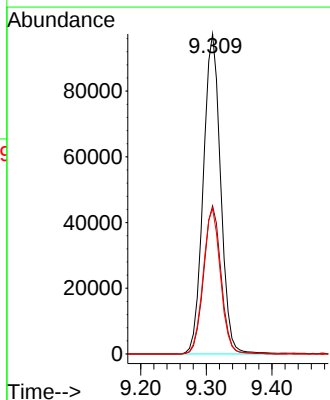
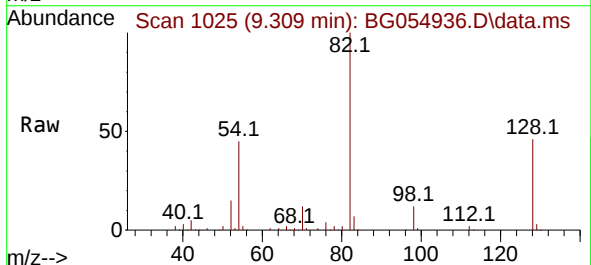
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-2

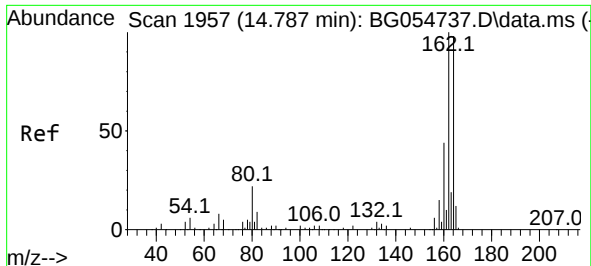
Tgt Ion:	136	Resp:	172258
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.2	13.8
54	7.3	7.7	11.5
68	6.0	5.6	8.4



#23
Nitrobenzene-d5
Concen: 54.611 ng
RT: 9.309 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BG054936.D
Acq: 14 Sep 2022 00:38

Tgt Ion:	82	Resp:	179197
Ion Ratio	Lower	Upper	
82	100		
128	46.3	32.2	48.2
54	45.4	41.4	62.0

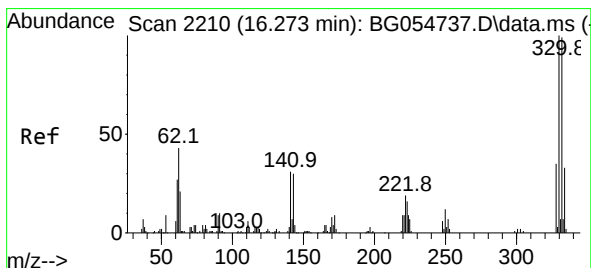
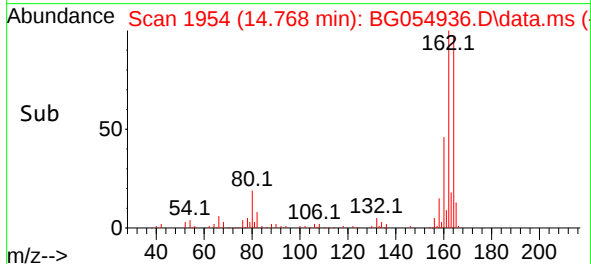
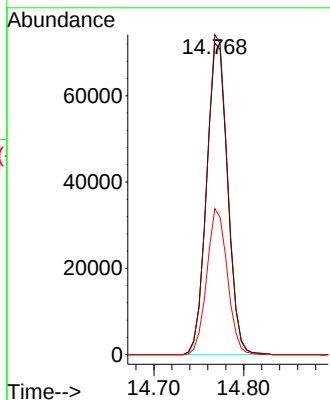
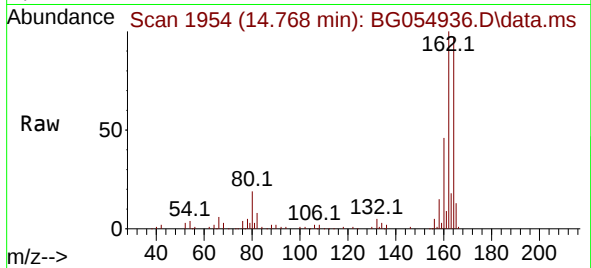




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.768 min Scan# 1954
Delta R.T. -0.012 min
Lab File: BG054936.D
Acq: 14 Sep 2022 00:38

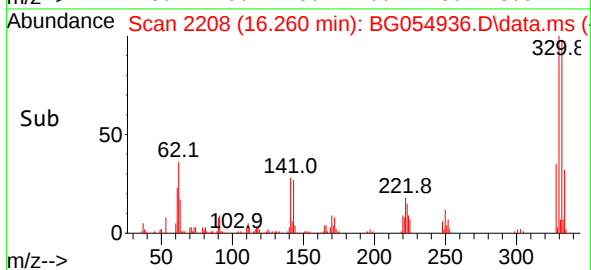
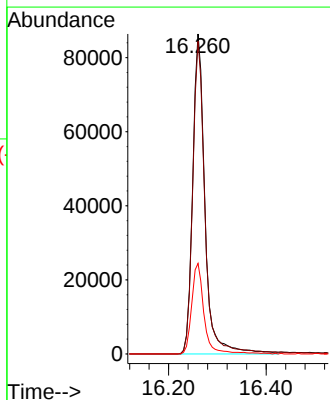
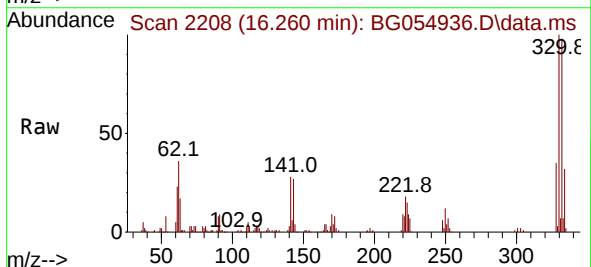
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-2

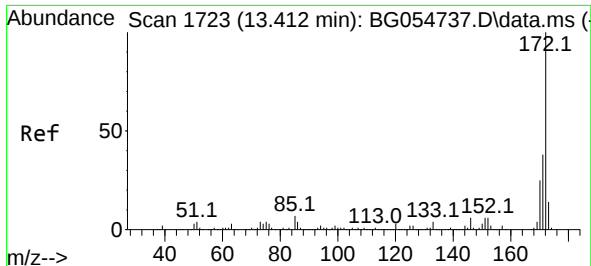
Tgt Ion:164 Resp: 117519
Ion Ratio Lower Upper
164 100
162 102.7 83.0 124.4
160 46.9 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 103.640 ng
RT: 16.260 min Scan# 2208
Delta R.T. -0.012 min
Lab File: BG054936.D
Acq: 14 Sep 2022 00:38

Tgt Ion:330 Resp: 152193
Ion Ratio Lower Upper
330 100
332 97.9 79.8 119.6
141 28.5 26.8 40.2

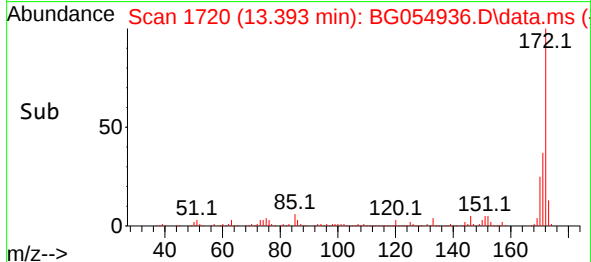
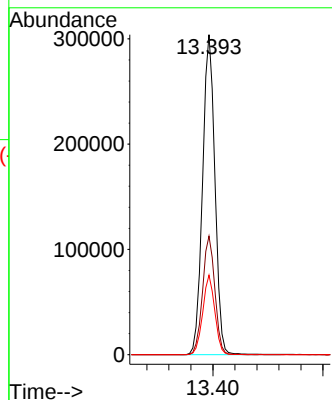
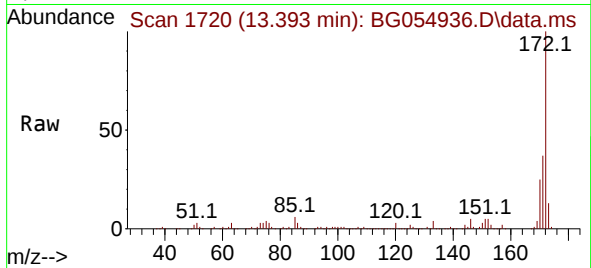




#45
2-Fluorobiphenyl
Concen: 60.646 ng
RT: 13.393 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG054936.D
Acq: 14 Sep 2022 00:38

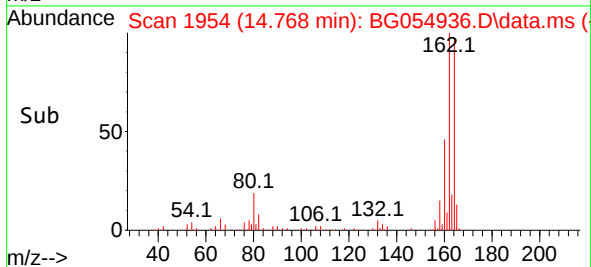
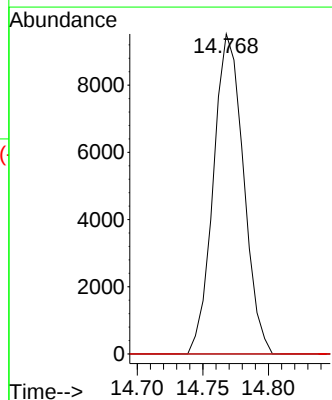
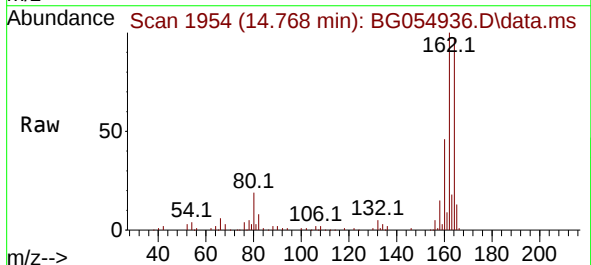
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-2

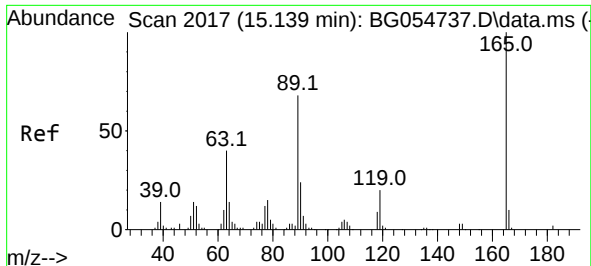
Tgt Ion:172 Resp: 474181
Ion Ratio Lower Upper
172 100
171 37.1 31.2 46.8
170 24.8 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.197 ng
RT: 14.768 min Scan# 1954
Delta R.T. 0.411 min
Lab File: BG054936.D
Acq: 14 Sep 2022 00:38

Tgt Ion:165 Resp: 15180
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: 5.926 ng

RT: 14.768 min Scan# 1954

Delta R.T. -0.376 min

Lab File: BG054936.D

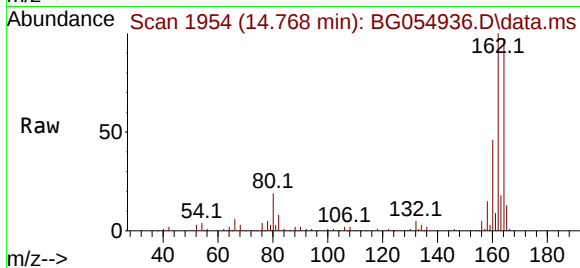
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Instrument :

BNA_G

ClientSampleId :

CHERRY-HILL-COMP-2



Tgt Ion:165 Resp: 15180

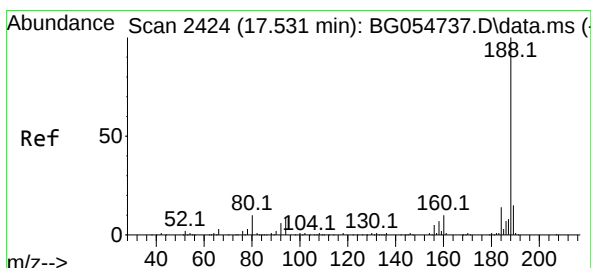
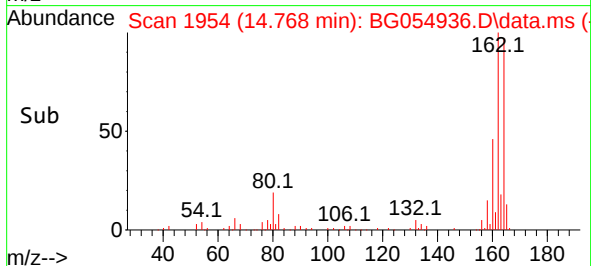
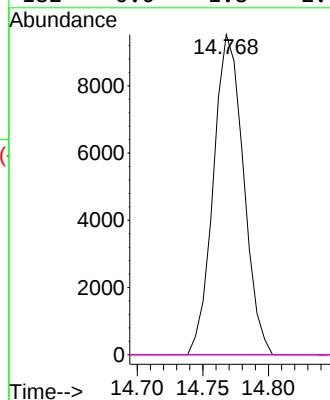
Ion Ratio Lower Upper

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: 17.517 min Scan# 2422

Delta R.T. -0.012 min

Lab File: BG054936.D

Acq: 14 Sep 2022 00:38

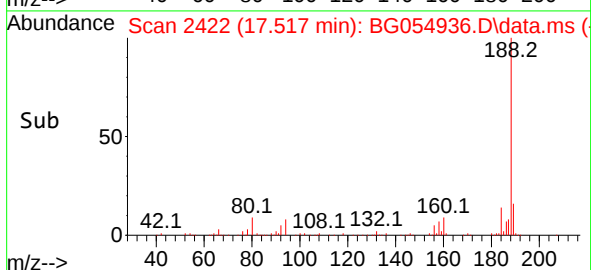
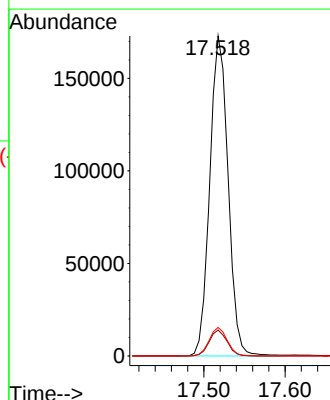
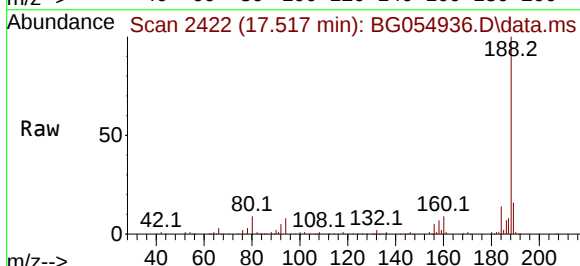
Tgt Ion:188 Resp: 270850

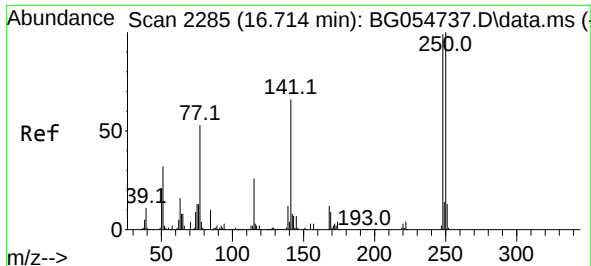
Ion Ratio Lower Upper

188 100

94 8.1 7.0 10.4

80 8.9 7.9 11.9

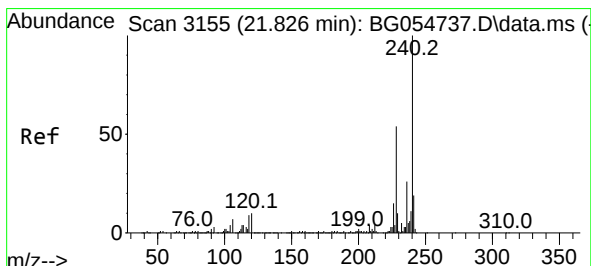
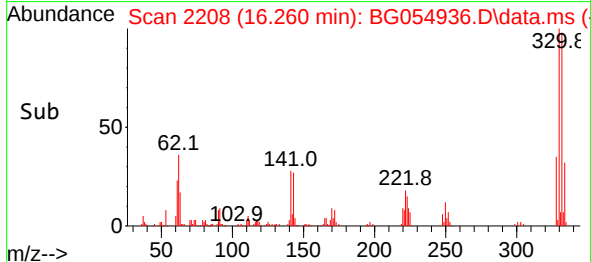
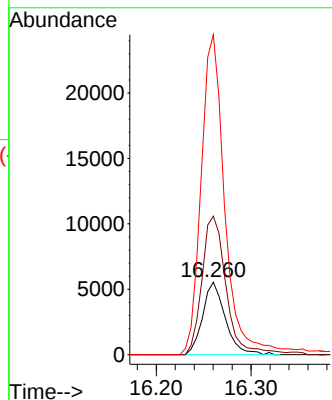
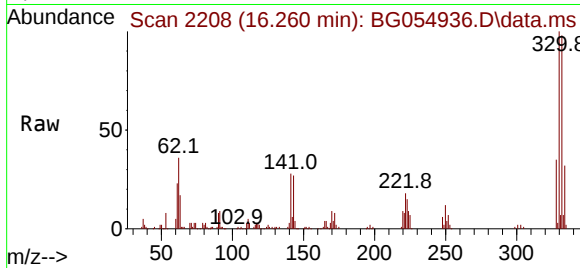




#67
4-Bromophenyl-phenylether
Concen: 3.097 ng
RT: 16.260 min Scan# 211
Delta R.T. -0.447 min
Lab File: BG054936.D
Acq: 14 Sep 2022 00:38

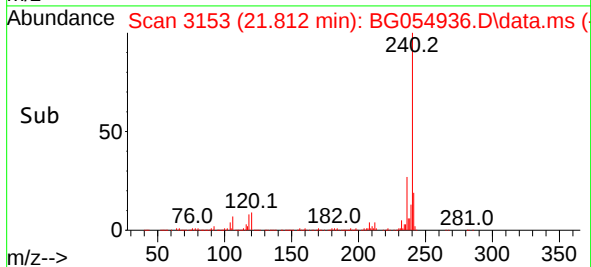
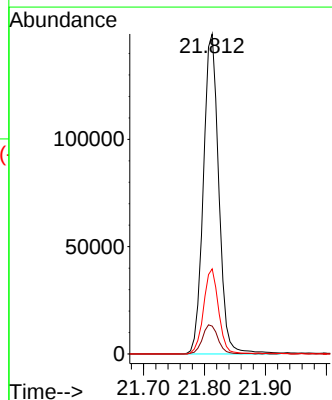
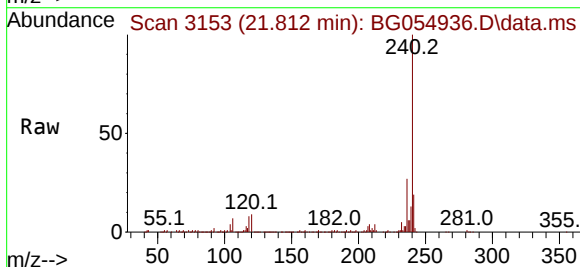
Instrument :
BNA_G
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CHERRY-HILL-COMP-2

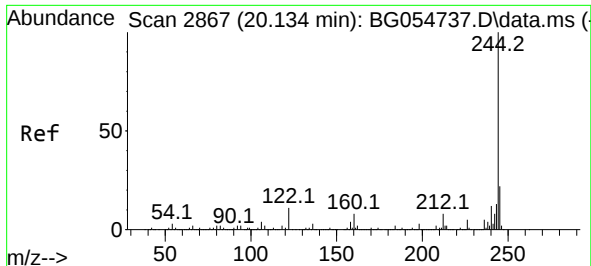
Tgt Ion:248 Resp: 9209
Ion Ratio Lower Upper
248 100
250 191.0 78.8 118.2#
141 441.2 51.9 77.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.812 min Scan# 3153
Delta R.T. -0.012 min
Lab File: BG054936.D
Acq: 14 Sep 2022 00:38

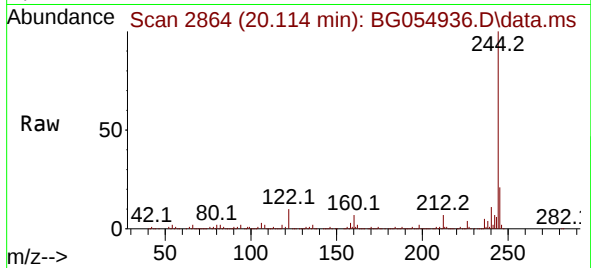
Tgt Ion:240 Resp: 262604
Ion Ratio Lower Upper
240 100
120 8.7 8.2 12.4
236 26.6 21.2 31.8



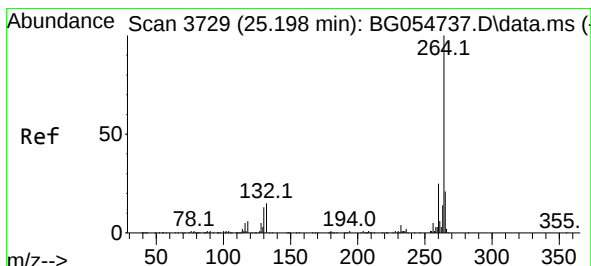
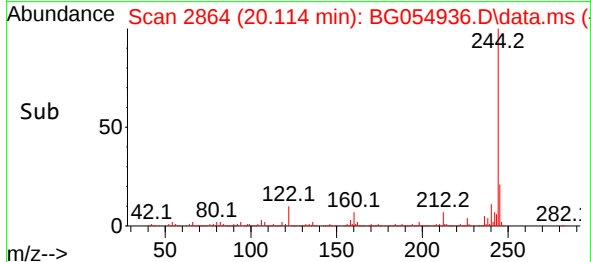
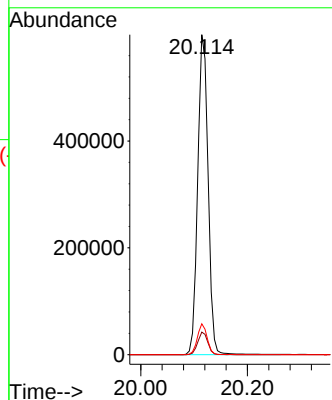


#79
 Terphenyl-d14
 Concen: 60.973 ng
 RT: 20.114 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BG054936.D
 Acq: 14 Sep 2022 00:38

Instrument :
 BNA_G
 ClientSampleId :
 CHERRY-HILL-COMP-2



Tgt Ion:244 Resp: 808108
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.2
 122 9.6 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.179 min Scan# 3726
 Delta R.T. -0.023 min
 Lab File: BG054936.D
 Acq: 14 Sep 2022 00:38

Tgt Ion:264 Resp: 275069
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.9 29.9
 265 21.7 16.9 25.3

