

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091422\
 Data File : BG054947.D
 Acq On : 14 Sep 2022 17:22
 Operator : CG/JU
 Sample : N4578-27
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CHERRY-HILL-COMP-7

Quant Time: Sep 15 03:21:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 03:14:10 2022
 Response via : Initial Calibration

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

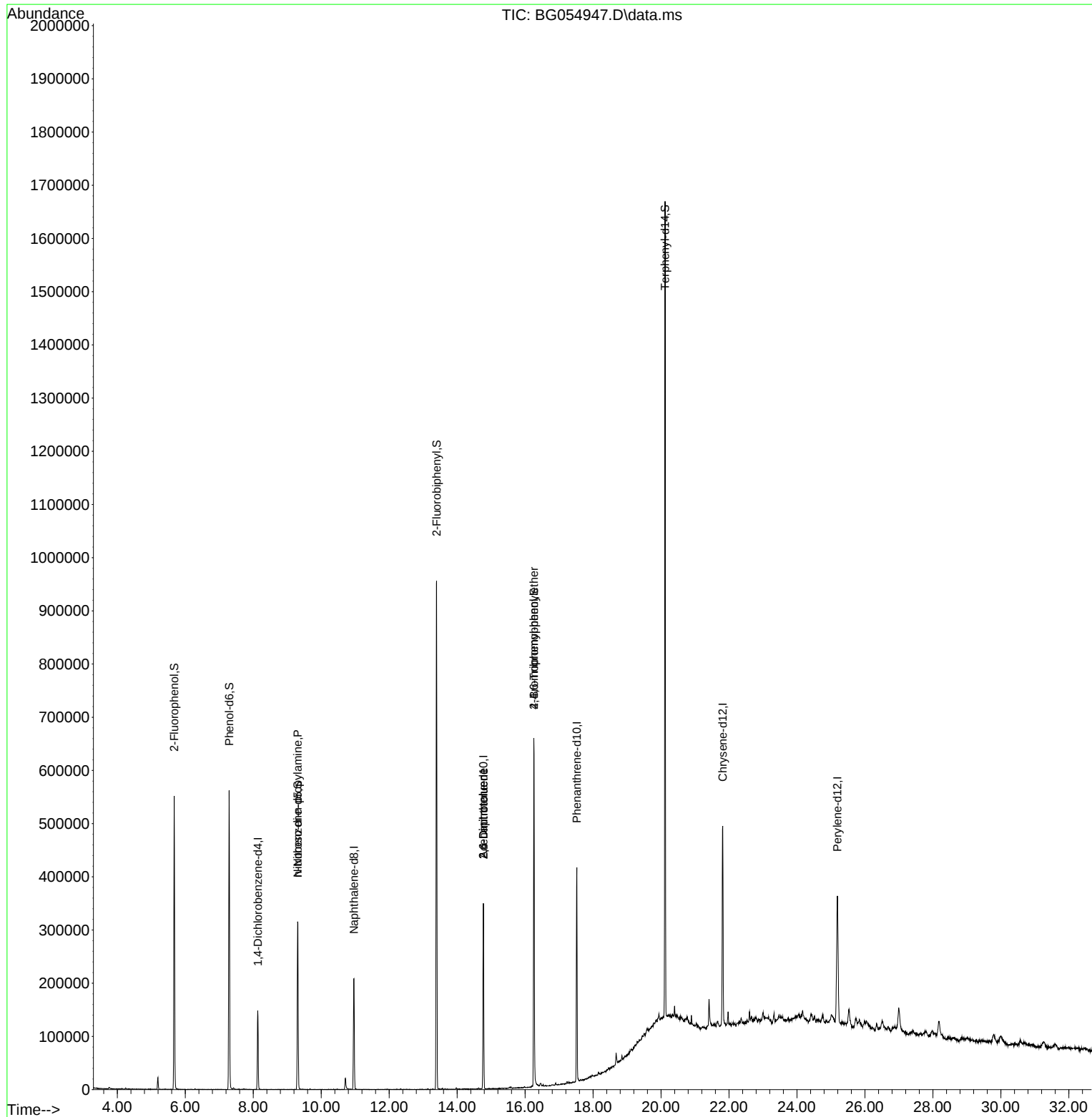
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.132	152	48475	20.000	ng	0.00
21) Naphthalene-d8	10.964	136	199509	20.000	ng	# 0.00
39) Acenaphthene-d10	14.772	164	131193	20.000	ng	0.00
64) Phenanthrene-d10	17.521	188	270656	20.000	ng	0.00
76) Chrysene-d12	21.816	240	259901	20.000	ng	0.00
86) Perylene-d12	25.189	264	279963	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.676	112	273779	98.349	ng	0.00
7) Phenol-d6	7.292	99	374200	98.293	ng	0.00
23) Nitrobenzene-d5	9.307	82	209838	55.214	ng	0.00
42) 2,4,6-Tribromophenol	16.264	330	158534	96.706	ng	0.00
45) 2-Fluorobiphenyl	13.397	172	551169	63.145	ng	0.00
79) Terphenyl-d14	20.118	244	808176	61.612	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.307	70	26069	9.958	ng	# 74
51) 2,6-Dinitrotoluene	14.772	165	17309	8.373	ng	# 22
57) 2,4-Dinitrotoluene	14.772	165	17309	6.053	ng	# 20
67) 4-Bromophenyl-phenylether	16.264	248	9801	3.298	ng	# 1

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

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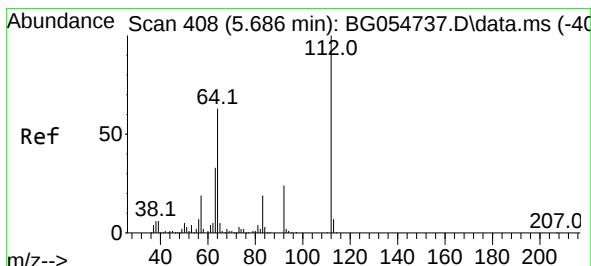
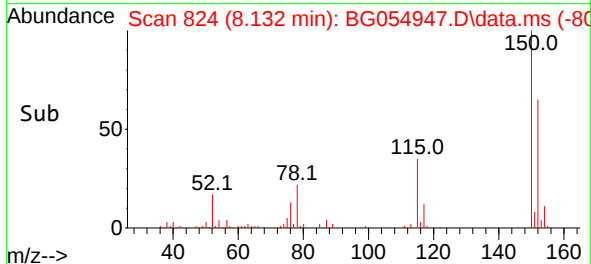
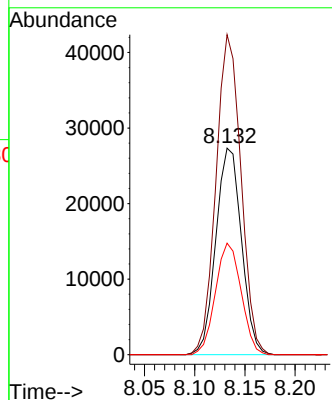
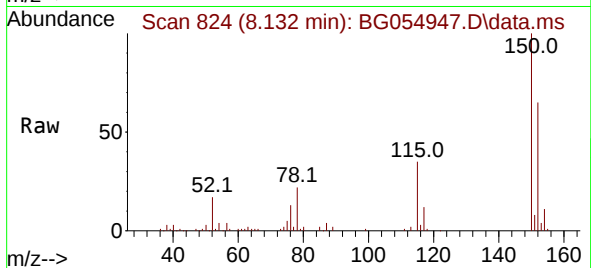




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.132 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG054947.D
Acq: 14 Sep 2022 17:22

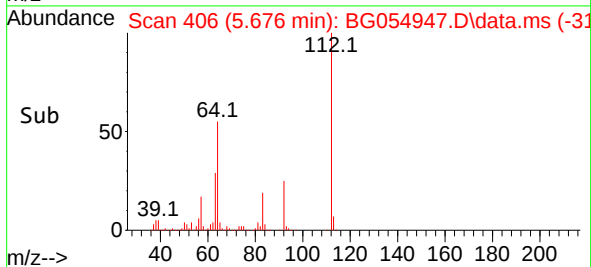
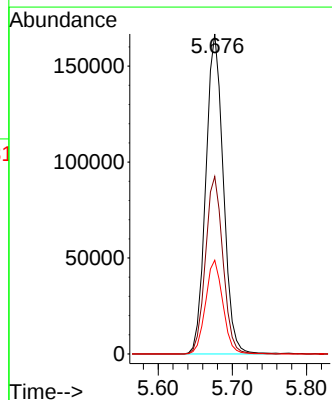
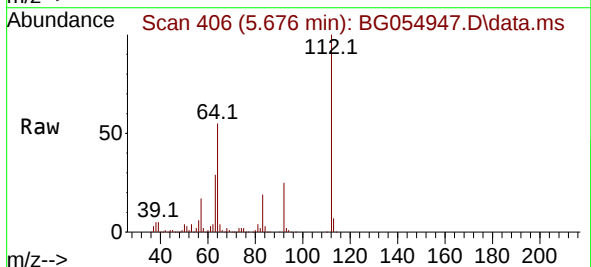
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-7

Tgt Ion:152 Resp: 48475
Ion Ratio Lower Upper
152 100
150 154.9 125.2 187.8
115 54.0 47.9 71.9



#5
2-Fluorophenol
Concen: 98.349 ng
RT: 5.676 min Scan# 406
Delta R.T. 0.003 min
Lab File: BG054947.D
Acq: 14 Sep 2022 17:22

Tgt Ion:112 Resp: 273779
Ion Ratio Lower Upper
112 100
64 55.4 49.3 73.9
63 29.3 26.3 39.5

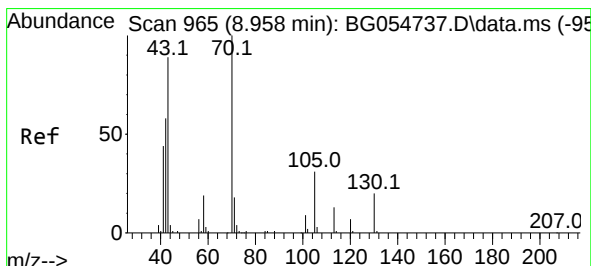
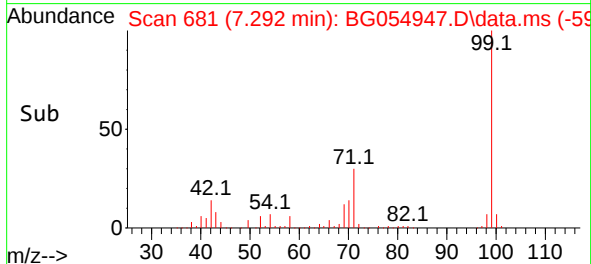
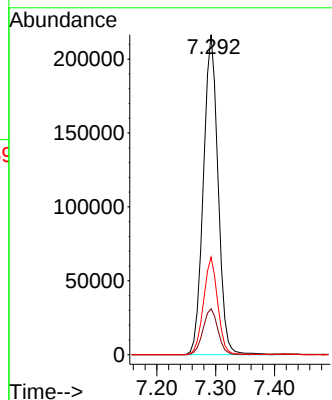
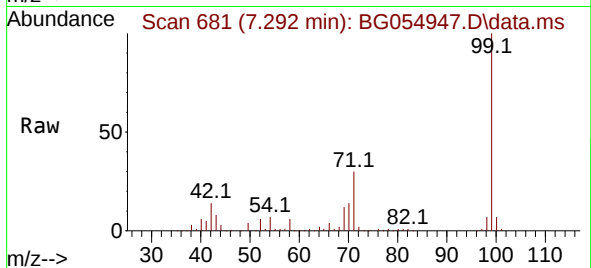




#7
Phenol-d6
Concen: 98.293 ng
RT: 7.292 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG054947.D
Acq: 14 Sep 2022 17:22

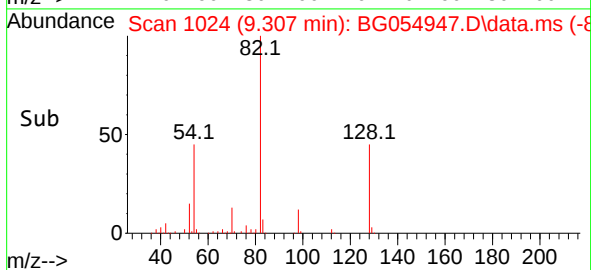
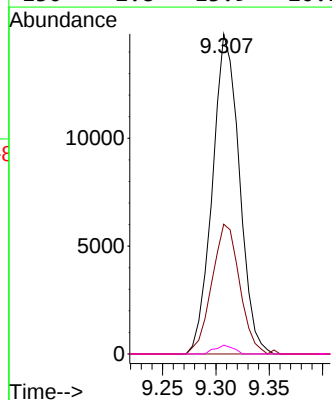
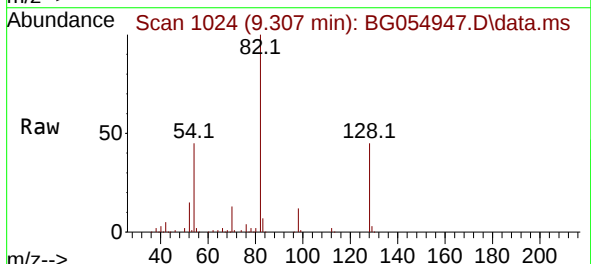
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-7

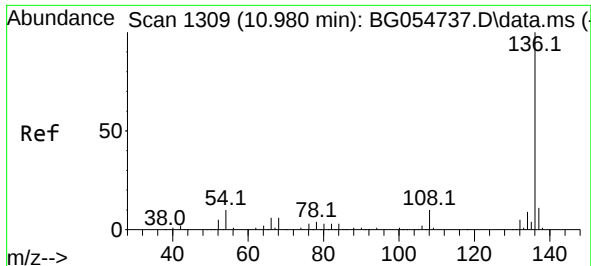
Tgt Ion: 99 Resp: 374200
Ion Ratio Lower Upper
99 100
42 14.4 14.6 22.0#
71 30.5 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 9.958 ng
RT: 9.307 min Scan# 1024
Delta R.T. 0.368 min
Lab File: BG054947.D
Acq: 14 Sep 2022 17:22

Tgt Ion: 70 Resp: 26069
Ion Ratio Lower Upper
70 100
42 40.5 46.6 69.8#
101 0.0 7.7 11.5#
130 2.8 13.9 20.9#

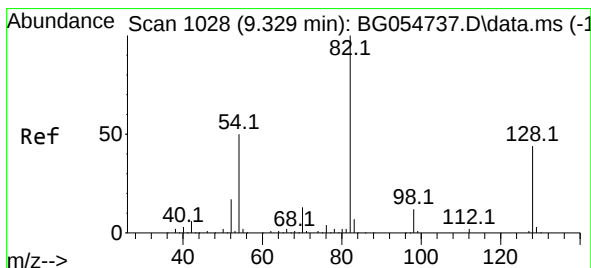
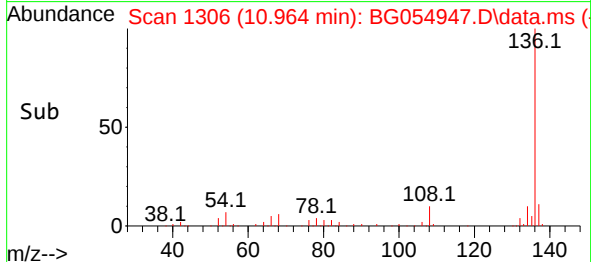
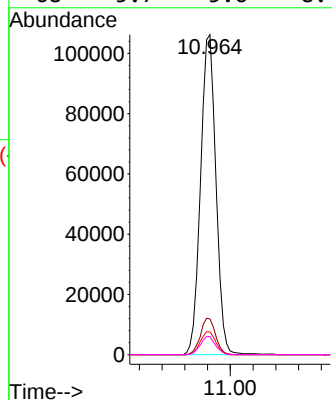
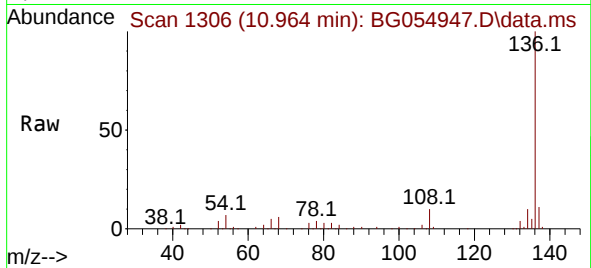




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.964 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG054947.D
Acq: 14 Sep 2022 17:22

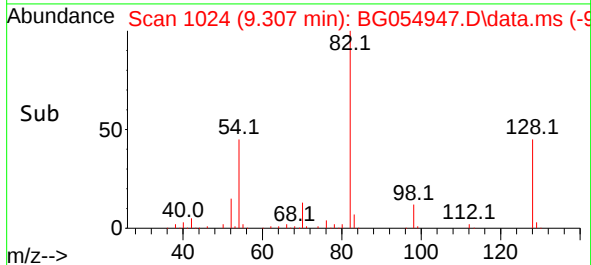
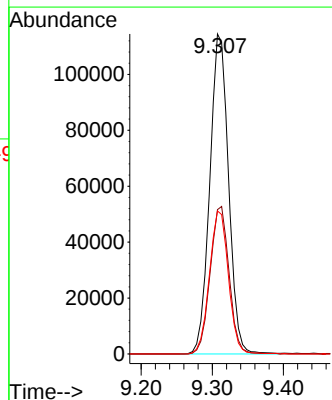
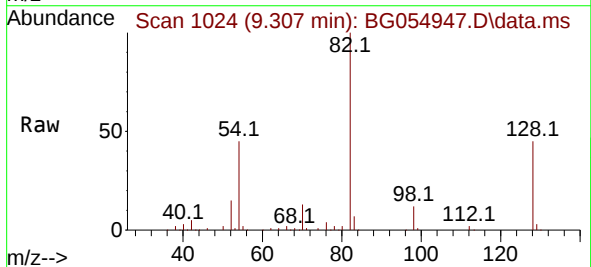
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-7

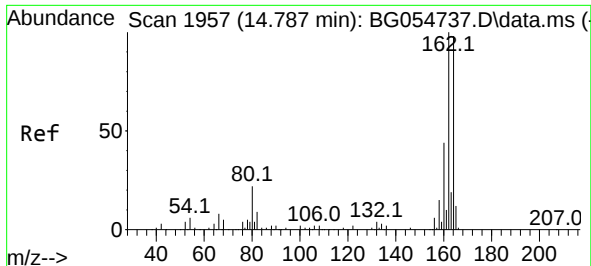
Tgt Ion:	136	Resp:	199509
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	7.1	7.7	11.5#
68	5.7	5.6	8.4



#23
Nitrobenzene-d5
Concen: 55.214 ng
RT: 9.307 min Scan# 1024
Delta R.T. -0.003 min
Lab File: BG054947.D
Acq: 14 Sep 2022 17:22

Tgt Ion:	82	Resp:	209838
Ion	Ratio	Lower	Upper
82	100		
128	45.1	32.2	48.2
54	44.7	41.4	62.0

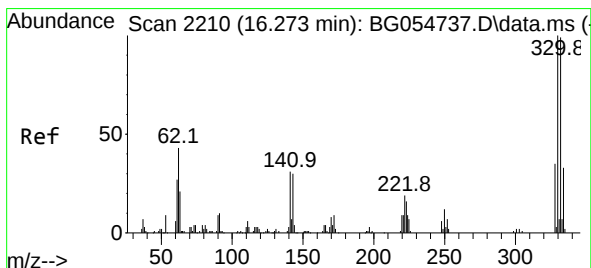
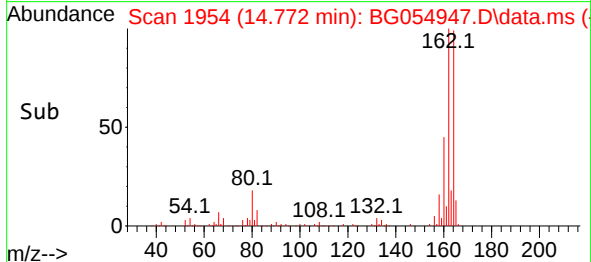
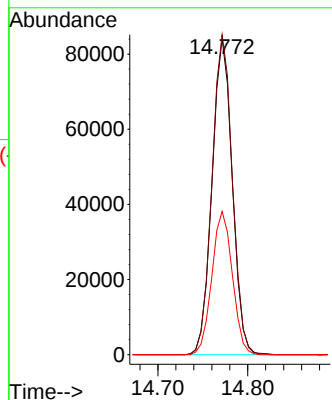
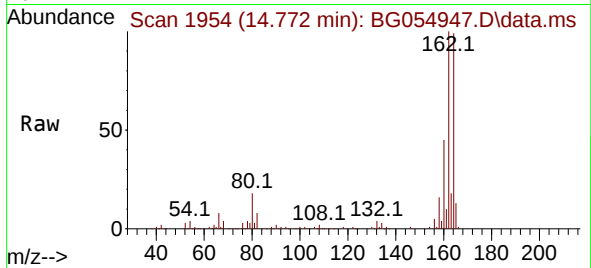




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.772 min Scan# 1954
Delta R.T. -0.003 min
Lab File: BG054947.D
Acq: 14 Sep 2022 17:22

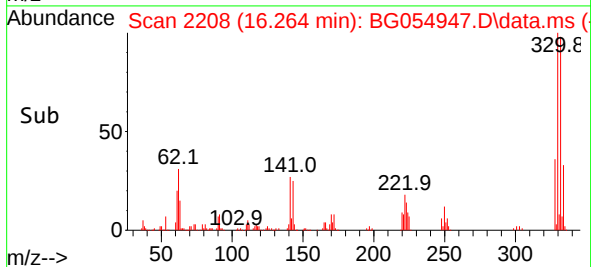
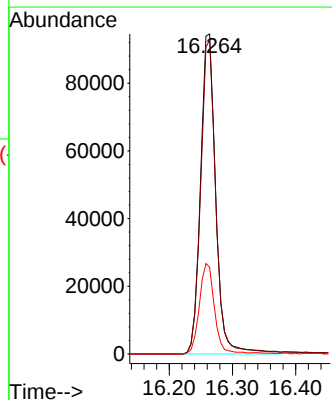
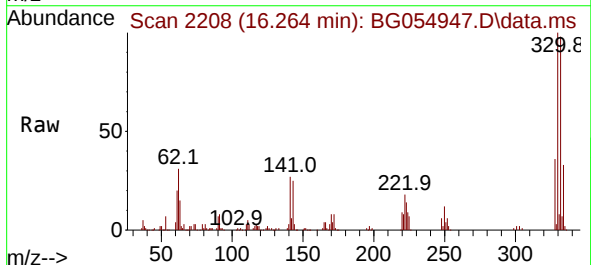
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-7

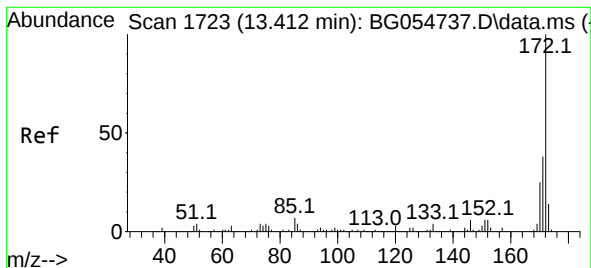
Tgt Ion:164 Resp: 131193
Ion Ratio Lower Upper
164 100
162 101.3 83.0 124.4
160 45.3 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 96.706 ng
RT: 16.264 min Scan# 2208
Delta R.T. 0.003 min
Lab File: BG054947.D
Acq: 14 Sep 2022 17:22

Tgt Ion:330 Resp: 158534
Ion Ratio Lower Upper
330 100
332 98.1 79.8 119.6
141 28.0 26.8 40.2





#45

2-Fluorobiphenyl

Concen: 63.145 ng

RT: 13.397 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG054947.D

Acq: 14 Sep 2022 17:22

Instrument :

BNA_G

ClientSampleId :

CHERRY-HILL-COMP-7

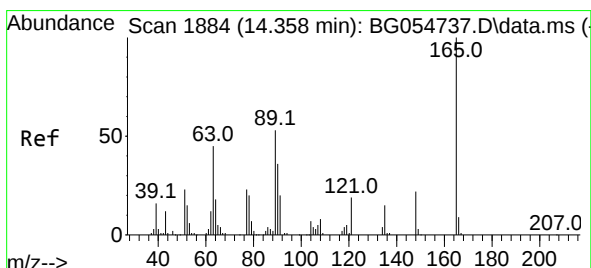
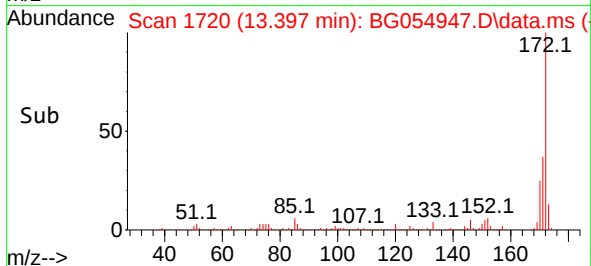
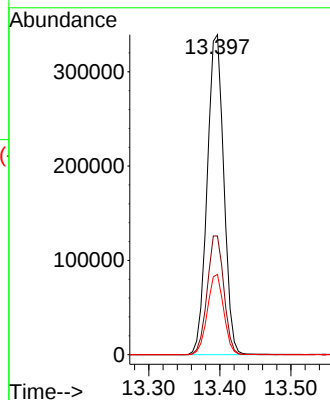
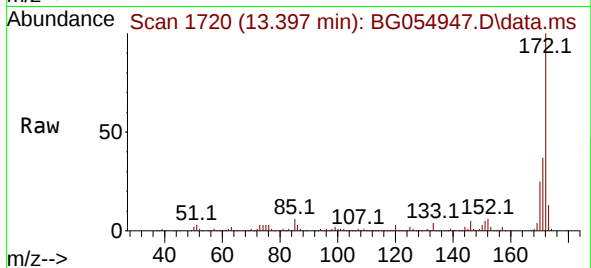
Tgt Ion:172 Resp: 551169

Ion Ratio Lower Upper

172 100

171 37.1 31.2 46.8

170 25.1 20.6 30.8



#51

2,6-Dinitrotoluene

Concen: 8.373 ng

RT: 14.772 min Scan# 1954

Delta R.T. 0.426 min

Lab File: BG054947.D

Acq: 14 Sep 2022 17:22

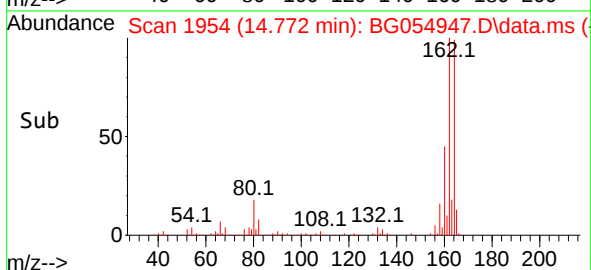
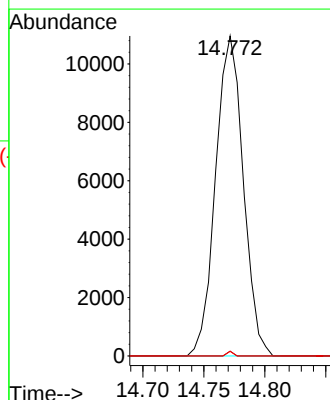
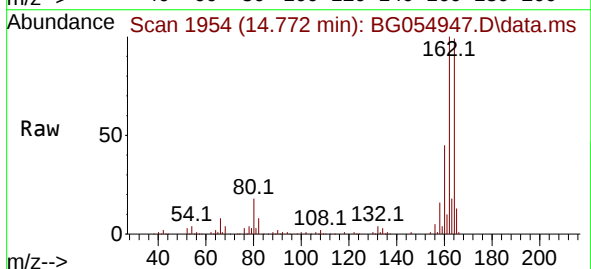
Tgt Ion:165 Resp: 17309

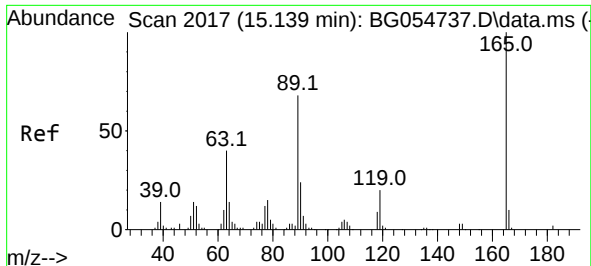
Ion Ratio Lower Upper

165 100

63 1.5 46.0 69.0#

89 1.4 50.3 75.5#





#57

2,4-Dinitrotoluene

Concen: 6.053 ng

RT: 14.772 min Scan# 1954

Delta R.T. -0.367 min

Lab File: BG054947.D

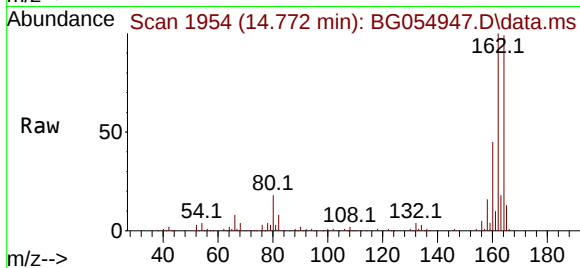
Acq: 14 Sep 2022 17:22

Instrument :

BNA_G

ClientSampleId :

CHERRY-HILL-COMP-7



Tgt Ion:165 Resp: 17309

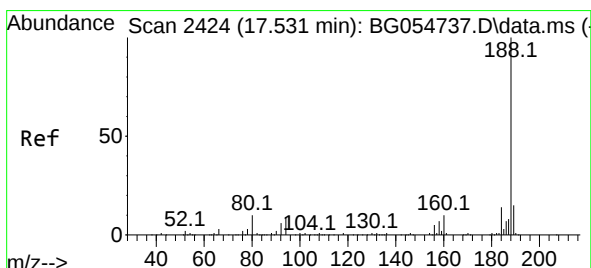
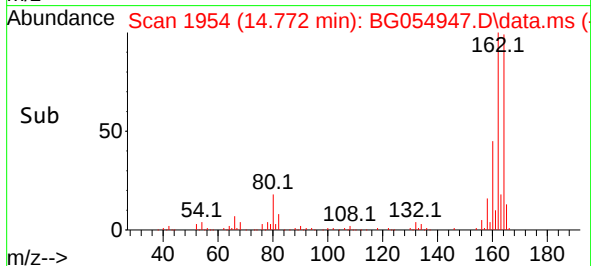
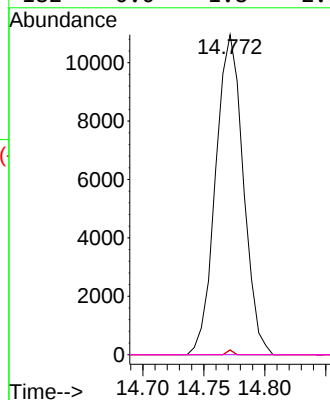
Ion Ratio Lower Upper

165 100

63 1.5 36.8 55.2#

89 1.4 64.3 96.5#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.521 min Scan# 2422

Delta R.T. -0.003 min

Lab File: BG054947.D

Acq: 14 Sep 2022 17:22

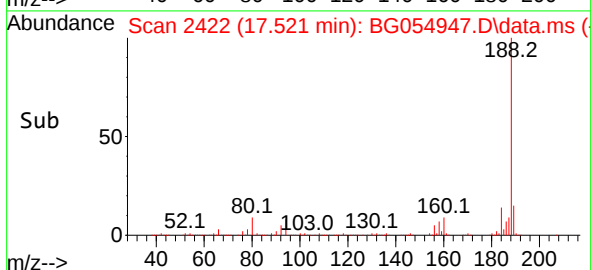
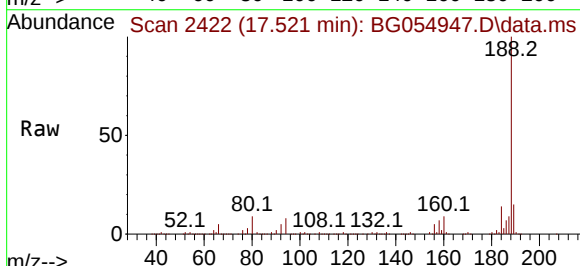
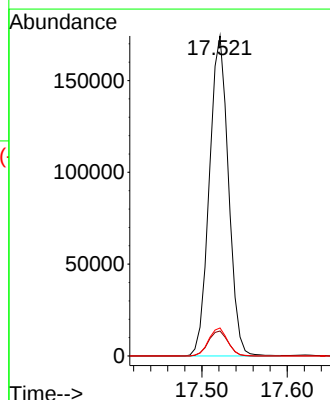
Tgt Ion:188 Resp: 270656

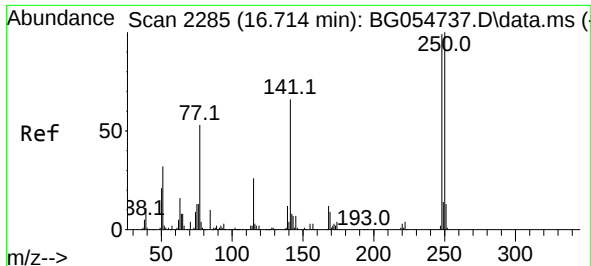
Ion Ratio Lower Upper

188 100

94 7.8 7.0 10.4

80 8.7 7.9 11.9

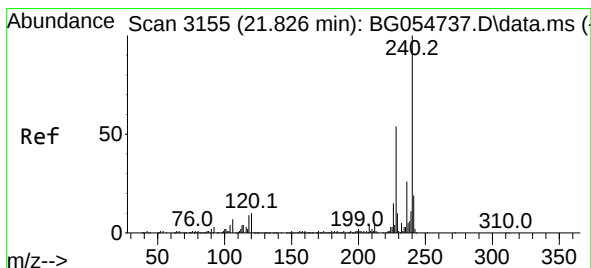
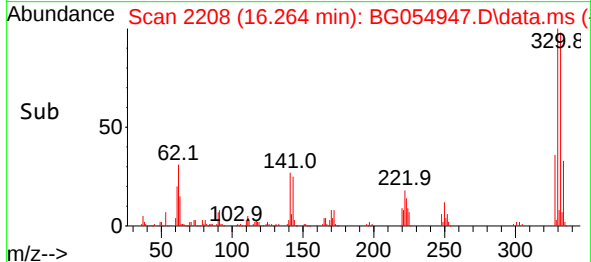
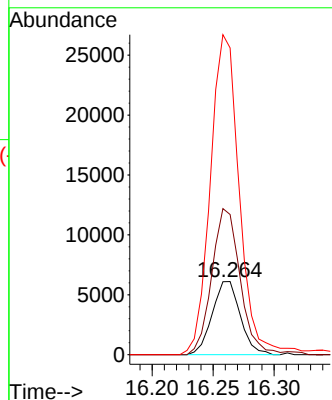
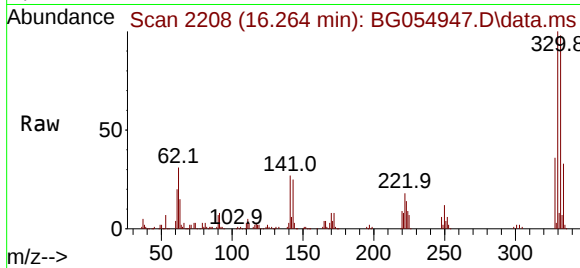




#67
4-Bromophenyl-phenylether
Concen: 3.298 ng
RT: 16.264 min Scan# 211
Delta R.T. -0.437 min
Lab File: BG054947.D
Acq: 14 Sep 2022 17:22

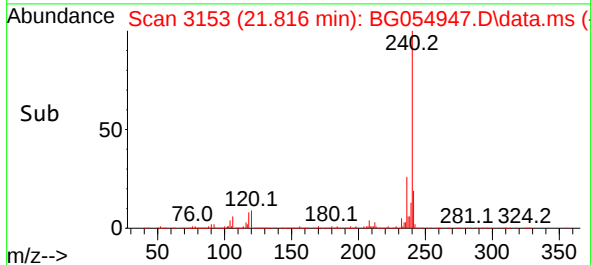
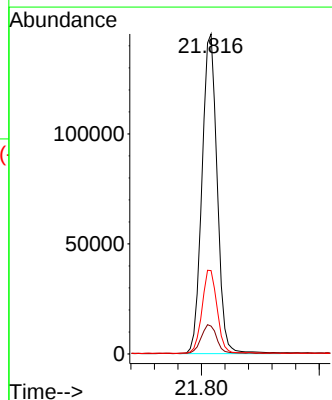
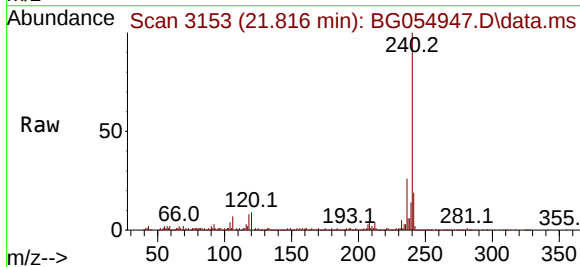
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-7

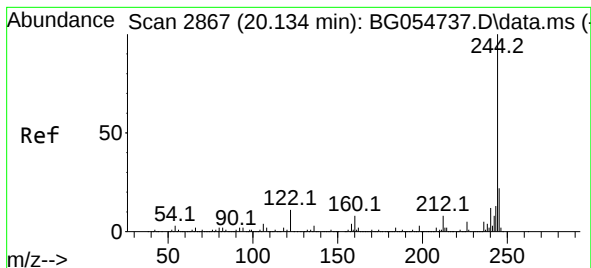
Tgt Ion:248 Resp: 9801
Ion Ratio Lower Upper
248 100
250 191.7 78.8 118.2#
141 419.4 51.9 77.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.816 min Scan# 3153
Delta R.T. -0.003 min
Lab File: BG054947.D
Acq: 14 Sep 2022 17:22

Tgt Ion:240 Resp: 259901
Ion Ratio Lower Upper
240 100
120 8.7 8.2 12.4
236 26.0 21.2 31.8





#79

Terphenyl-d14

Concen: 61.612 ng

RT: 20.118 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG054947.D

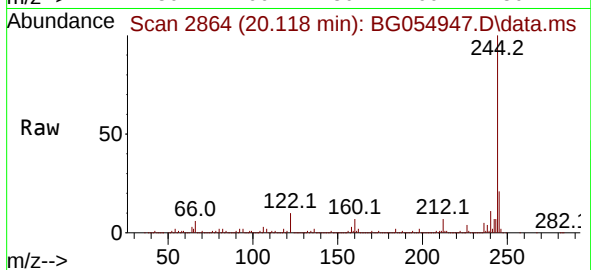
Acq: 14 Sep 2022 17:22

Instrument :

BNA_G

ClientSampleId :

CHERRY-HILL-COMP-7



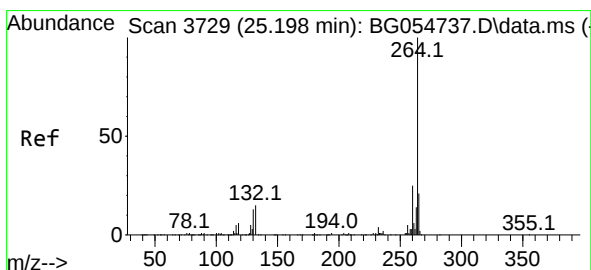
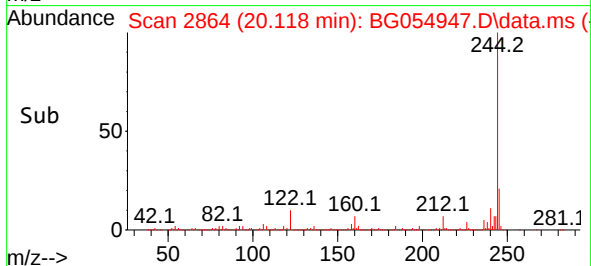
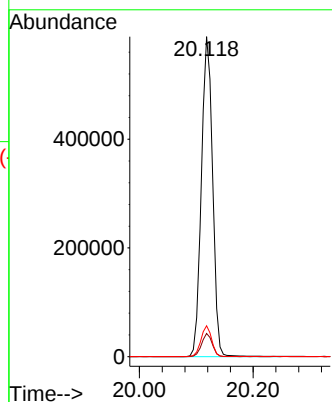
Tgt Ion:244 Resp: 808176

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

122 9.7 9.0 13.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.189 min Scan# 3727

Delta R.T. 0.003 min

Lab File: BG054947.D

Acq: 14 Sep 2022 17:22

Tgt Ion:264 Resp: 279963

Ion Ratio Lower Upper

264 100

260 23.9 19.9 29.9

265 22.0 16.9 25.3

