

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091422\
 Data File : BG054950.D
 Acq On : 14 Sep 2022 19:27
 Operator : CG/JU
 Sample : N4579-19 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CHERRY-HILL-COMP-15

Quant Time: Sep 15 03:22:49 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)

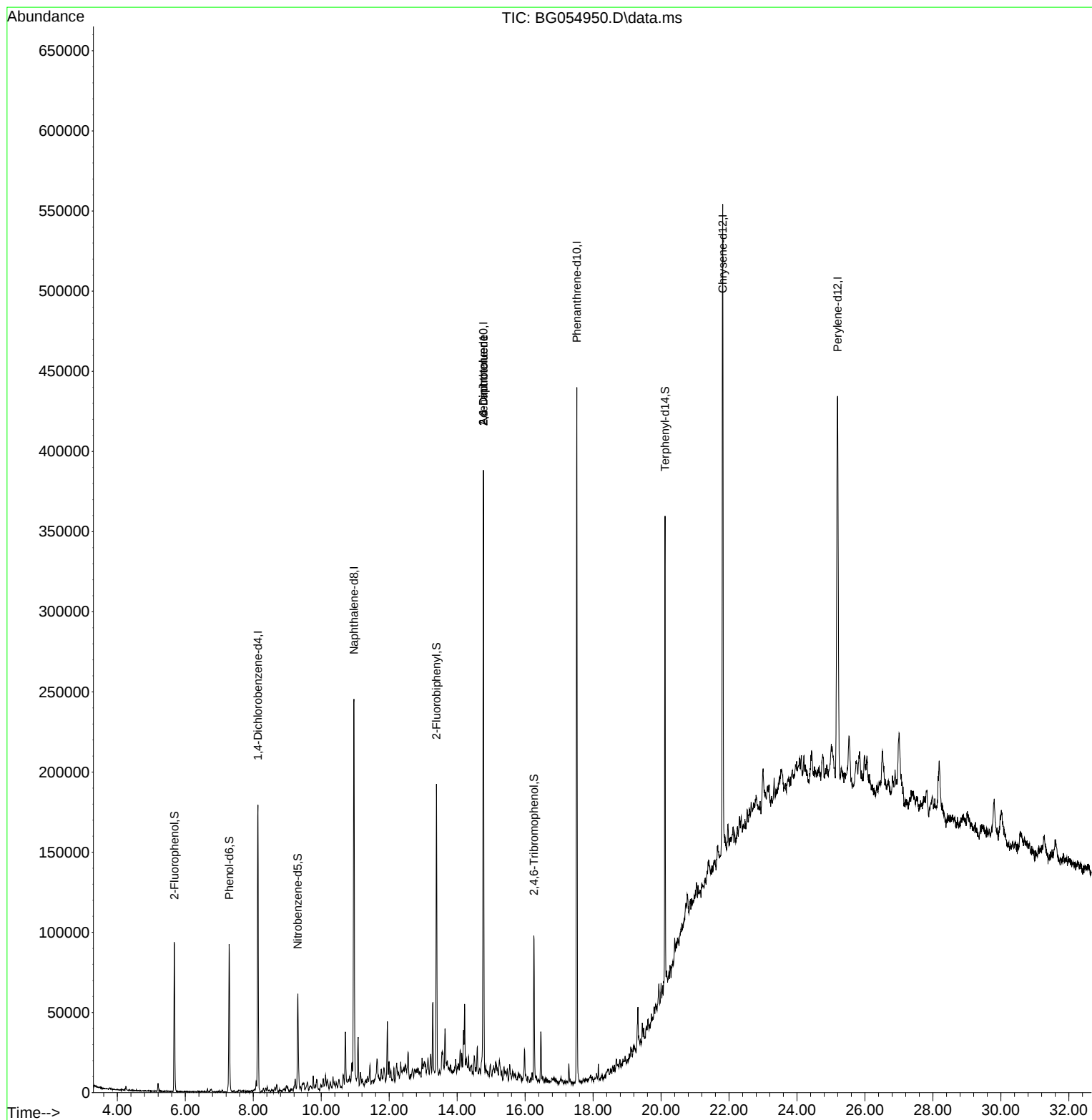
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.137	152	57285	20.000	ng	0.00
21) Naphthalene-d8	10.963	136	223991	20.000	ng	# 0.00
39) Acenaphthene-d10	14.771	164	140315	20.000	ng	0.00
64) Phenanthrene-d10	17.520	188	288535	20.000	ng	0.00
76) Chrysene-d12	21.815	240	276083	20.000	ng	0.00
86) Perylene-d12	25.194	264	291005	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	49479	15.041	ng	0.00
7) Phenol-d6	7.291	99	66648	14.814	ng	0.00
23) Nitrobenzene-d5	9.312	82	39653	9.293	ng	0.00
42) 2,4,6-Tribromophenol	16.263	330	23578	13.448	ng	0.00
45) 2-Fluorobiphenyl	13.390	172	102223	10.950	ng	0.00
79) Terphenyl-d14	20.117	244	153897	11.045	ng	0.00
Target Compounds						
51) 2,6-Dinitrotoluene	14.771	165	19443	8.793	ng	# 21
57) 2,4-Dinitrotoluene	14.771	165	19443	6.357	ng	# 19

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

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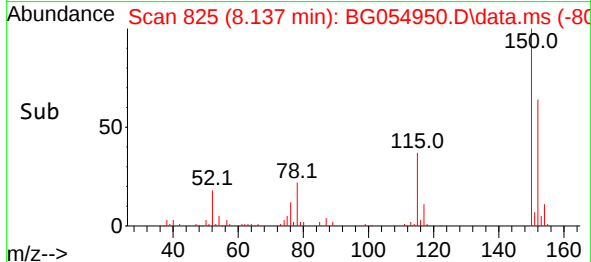
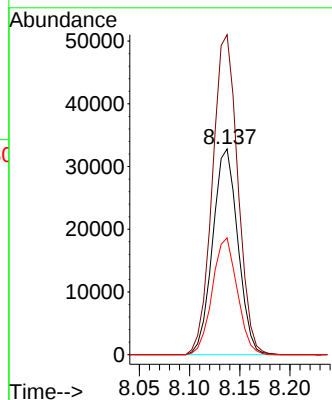
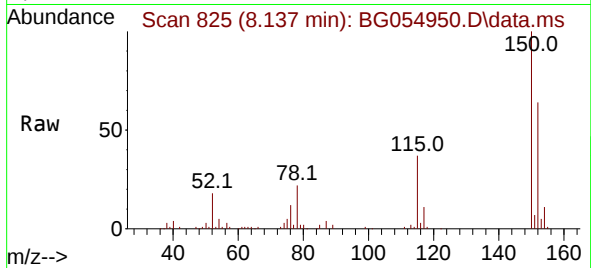




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.137 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG054950.D
Acq: 14 Sep 2022 19:27

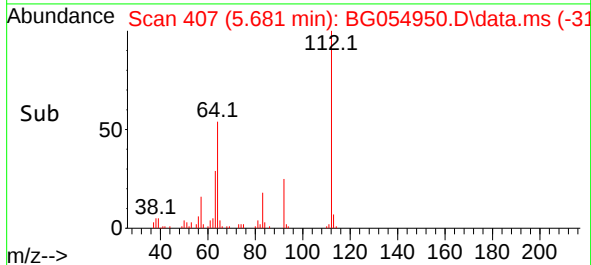
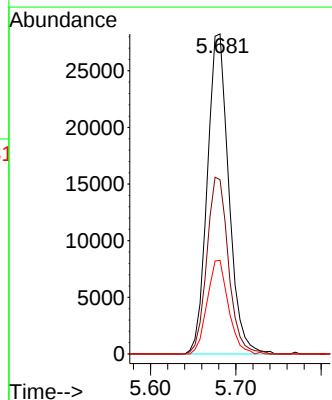
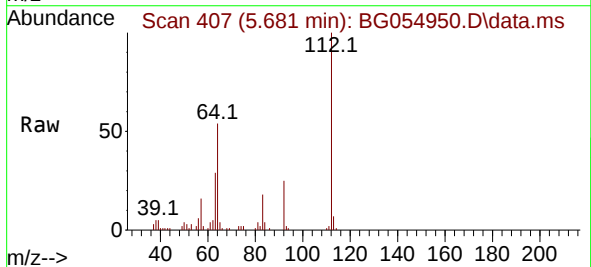
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-15

Tgt Ion:152 Resp: 57285
Ion Ratio Lower Upper
152 100
150 155.5 125.2 187.8
115 56.8 47.9 71.9



#5
2-Fluorophenol
Concen: 15.041 ng
RT: 5.681 min Scan# 407
Delta R.T. 0.008 min
Lab File: BG054950.D
Acq: 14 Sep 2022 19:27

Tgt Ion:112 Resp: 49479
Ion Ratio Lower Upper
112 100
64 54.4 49.3 73.9
63 29.2 26.3 39.5

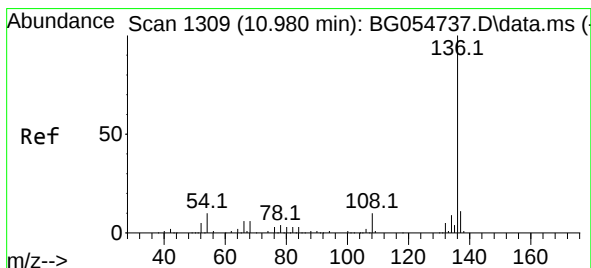
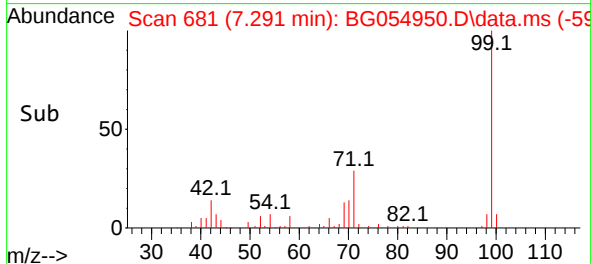
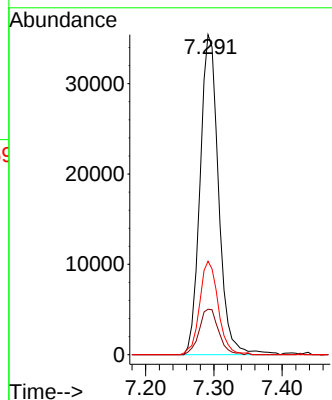
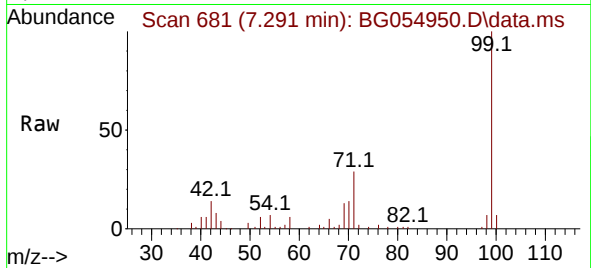




#7
Phenol-d6
Concen: 14.814 ng
RT: 7.291 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG054950.D
Acq: 14 Sep 2022 19:27

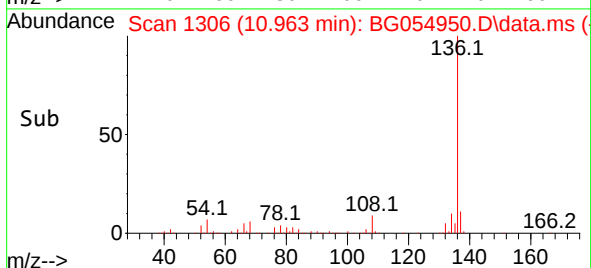
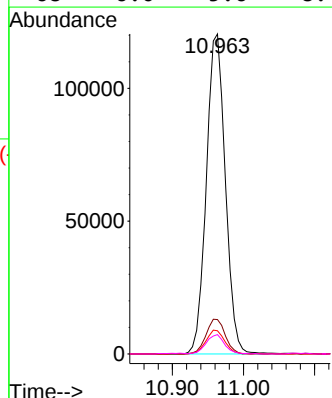
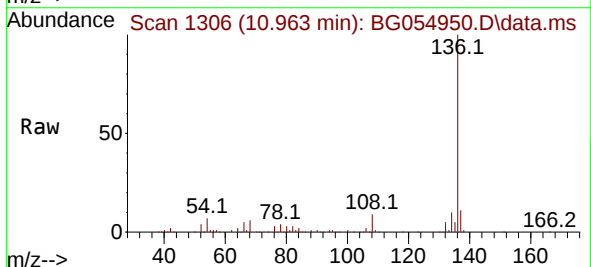
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-15

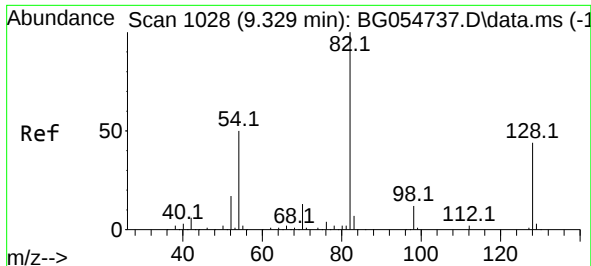
Tgt Ion: 99 Resp: 66648
Ion Ratio Lower Upper
99 100
42 14.2 14.6 22.0#
71 29.2 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.963 min Scan# 1306
Delta R.T. 0.002 min
Lab File: BG054950.D
Acq: 14 Sep 2022 19:27

Tgt Ion: 136 Resp: 223991
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 7.2 7.7 11.5#
68 6.0 5.6 8.4





#23

Nitrobenzene-d5

Concen: 9.293 ng

RT: 9.312 min Scan# 1025

Delta R.T. 0.002 min

Lab File: BG054950.D

Acq: 14 Sep 2022 19:27

Instrument :

BNA_G

ClientSampleId :

CHERRY-HILL-COMP-15

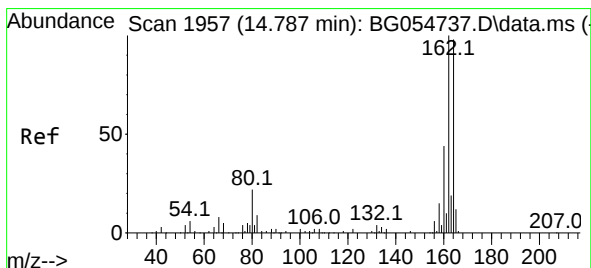
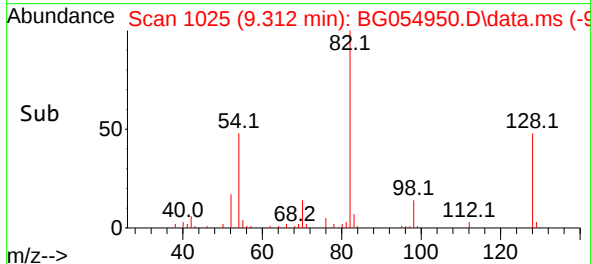
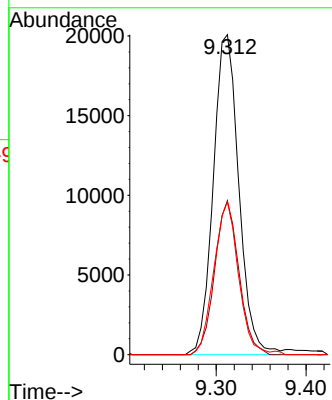
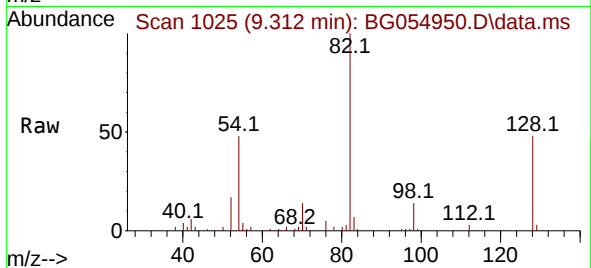
Tgt Ion: 82 Resp: 39653

Ion Ratio Lower Upper

82 100

128 48.2 32.2 48.2

54 47.8 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.771 min Scan# 1954

Delta R.T. -0.003 min

Lab File: BG054950.D

Acq: 14 Sep 2022 19:27

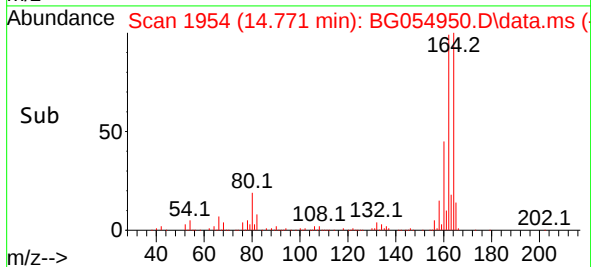
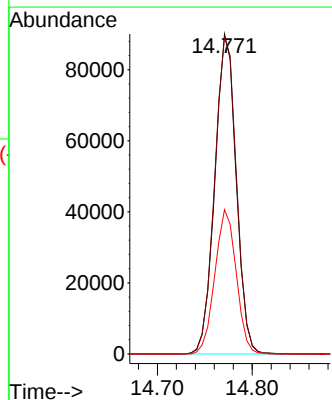
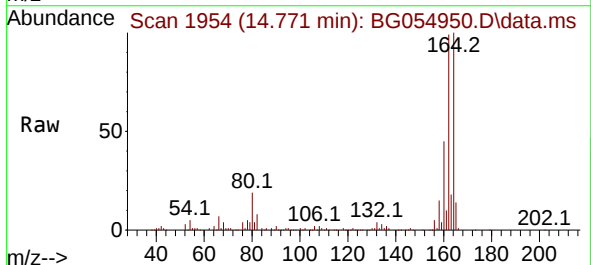
Tgt Ion:164 Resp: 140315

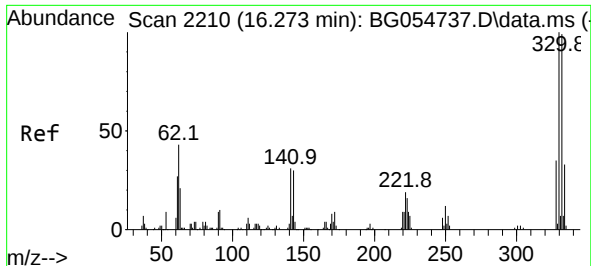
Ion Ratio Lower Upper

164 100

162 99.0 83.0 124.4

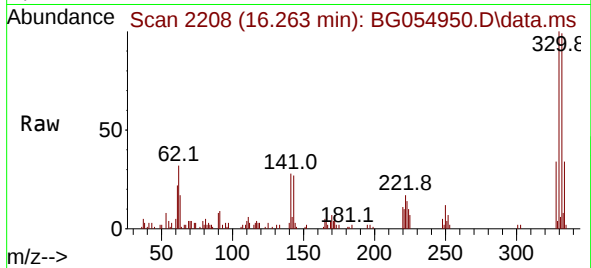
160 45.1 38.0 57.0



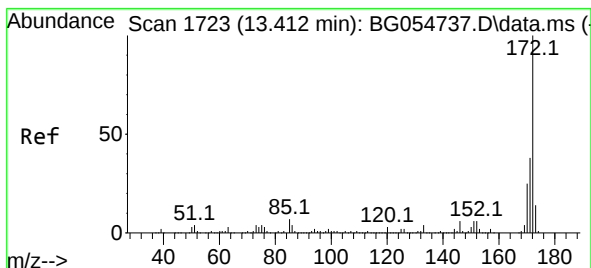
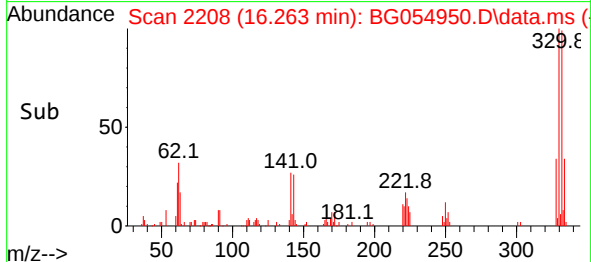
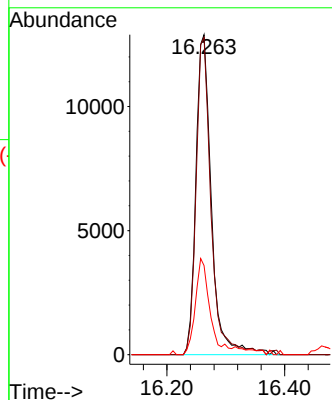


#42
2,4,6-Tribromophenol
Concen: 13.448 ng
RT: 16.263 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG054950.D
Acq: 14 Sep 2022 19:27

Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-15

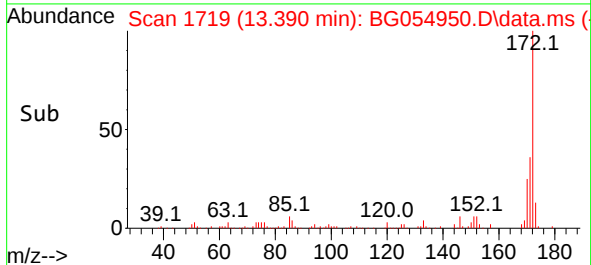
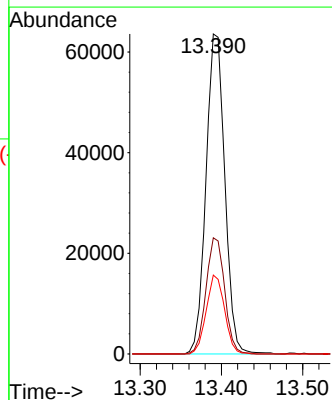
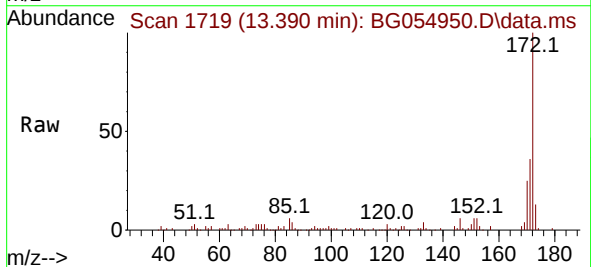


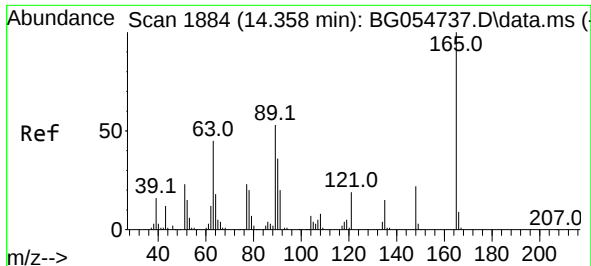
Tgt Ion:330 Resp: 23578
Ion Ratio Lower Upper
330 100
332 95.3 79.8 119.6
141 28.3 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 10.950 ng
RT: 13.390 min Scan# 1719
Delta R.T. -0.003 min
Lab File: BG054950.D
Acq: 14 Sep 2022 19:27

Tgt Ion:172 Resp: 102223
Ion Ratio Lower Upper
172 100
171 36.3 31.2 46.8
170 24.7 20.6 30.8

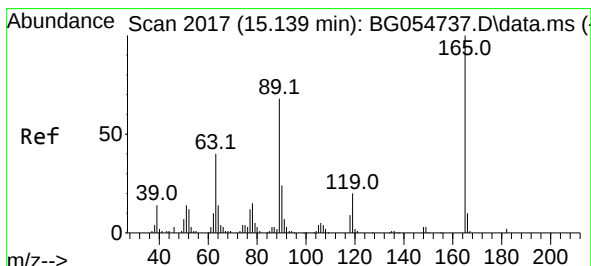
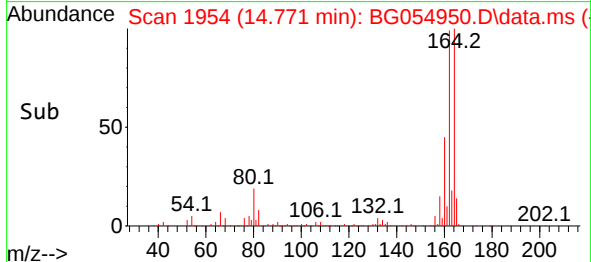
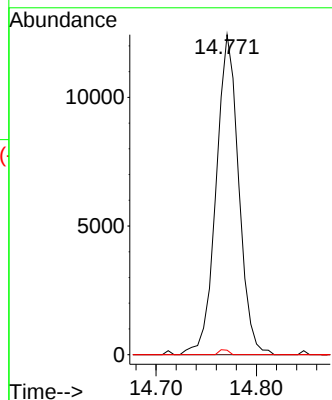
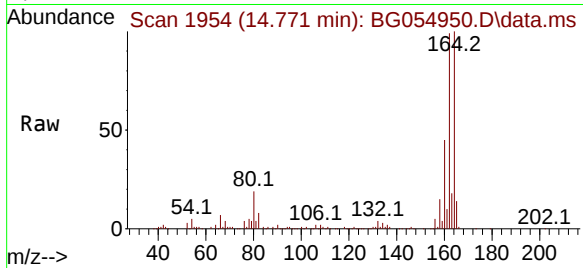




#51
2,6-Dinitrotoluene
Concen: 8.793 ng
RT: 14.771 min Scan# 1954
Delta R.T. 0.426 min
Lab File: BG054950.D
Acq: 14 Sep 2022 19:27

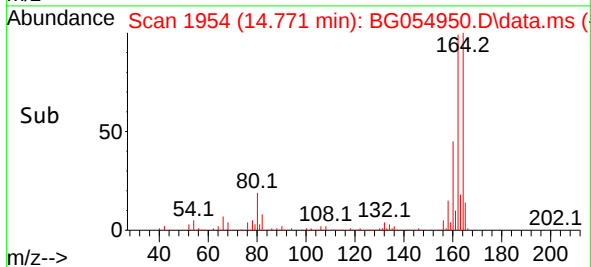
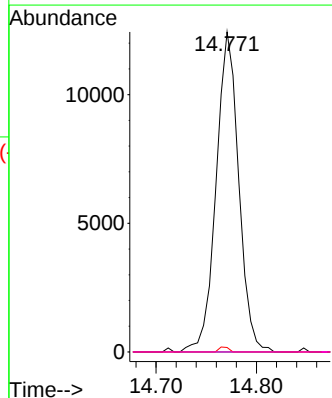
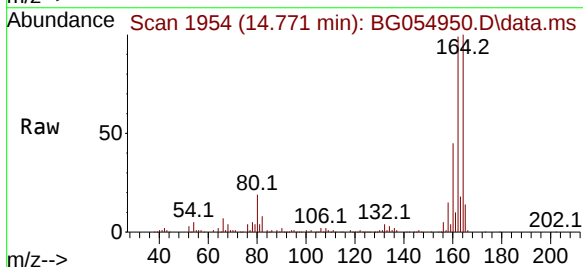
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-15

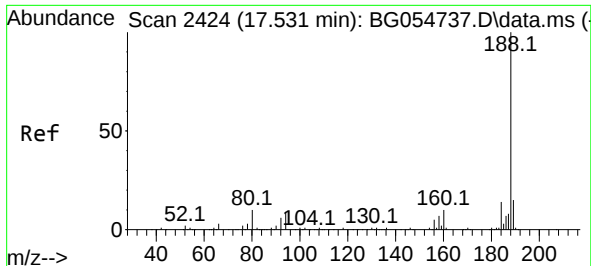
Tgt Ion:165 Resp: 19443
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 1.4 50.3 75.5#



#57
2,4-Dinitrotoluene
Concen: 6.357 ng
RT: 14.771 min Scan# 1954
Delta R.T. -0.368 min
Lab File: BG054950.D
Acq: 14 Sep 2022 19:27

Tgt Ion:165 Resp: 19443
Ion Ratio Lower Upper
165 100
63 0.0 36.8 55.2#
89 1.4 64.3 96.5#
182 0.0 1.8 2.6#

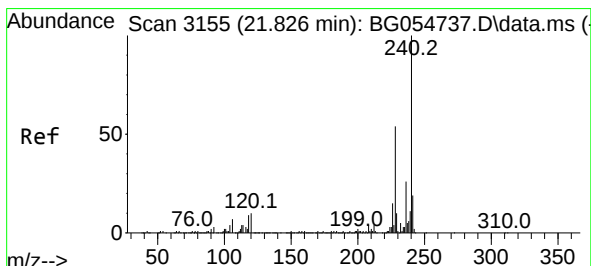
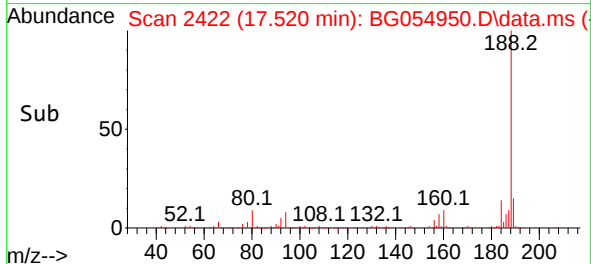
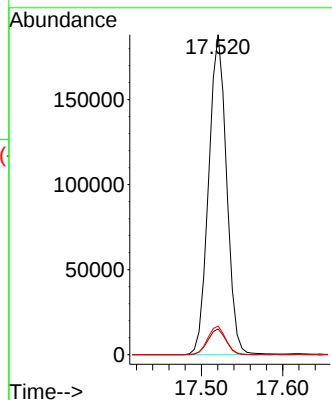
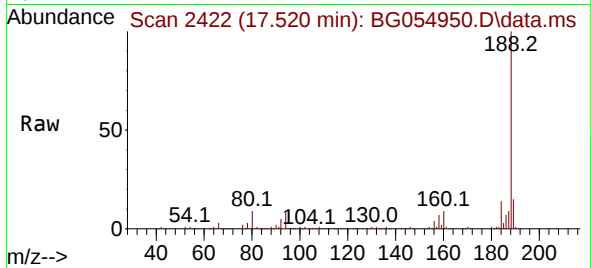




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.520 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG054950.D
Acq: 14 Sep 2022 19:27

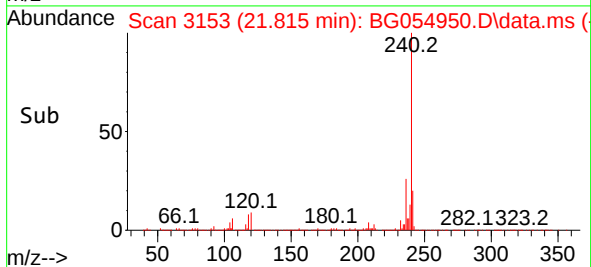
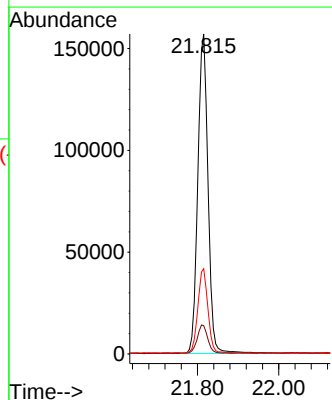
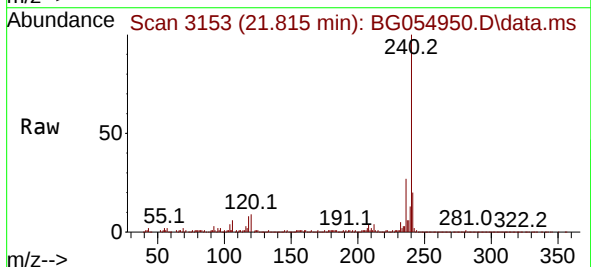
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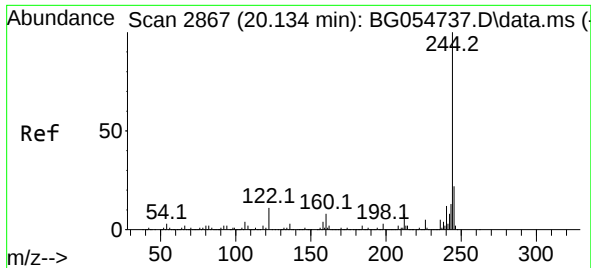
Tgt Ion:188 Resp: 288535
Ion Ratio Lower Upper
188 100
94 8.1 7.0 10.4
80 9.0 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.815 min Scan# 3153
Delta R.T. -0.003 min
Lab File: BG054950.D
Acq: 14 Sep 2022 19:27

Tgt Ion:240 Resp: 276083
Ion Ratio Lower Upper
240 100
120 8.9 8.2 12.4
236 26.7 21.2 31.8

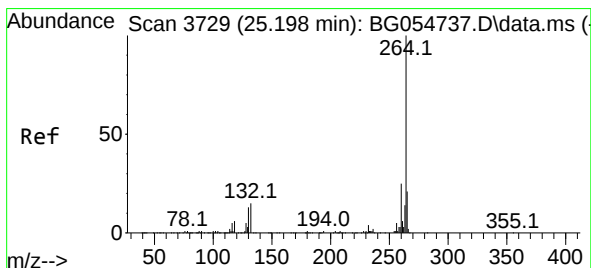
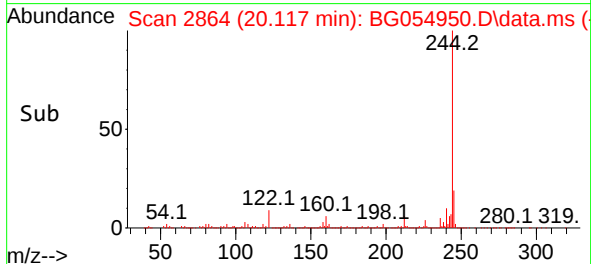
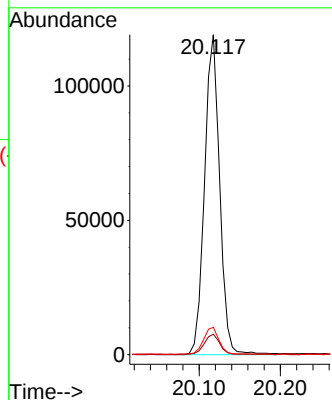
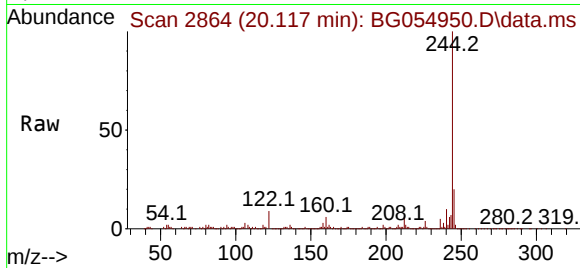




#79
 Terphenyl-d14
 Concen: 11.045 ng
 RT: 20.117 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG054950.D
 Acq: 14 Sep 2022 19:27

Instrument :
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 ClientSampleId :
 CHERRY-HILL-COMP-15

Tgt Ion:244 Resp: 153897
 Ion Ratio Lower Upper
 244 100
 212 6.4 6.2 9.2
 122 8.6 9.0 13.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.194 min Scan# 3728
 Delta R.T. 0.008 min
 Lab File: BG054950.D
 Acq: 14 Sep 2022 19:27

Tgt Ion:264 Resp: 291005
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.9 29.9
 265 22.4 16.9 25.3

