

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091422\
 Data File : BG054946.D
 Acq On : 14 Sep 2022 16:41
 Operator : CG/JU
 Sample : N4578-23
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CHERRY-HILL-COMP-6

Quant Time: Sep 15 03:21:09 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)

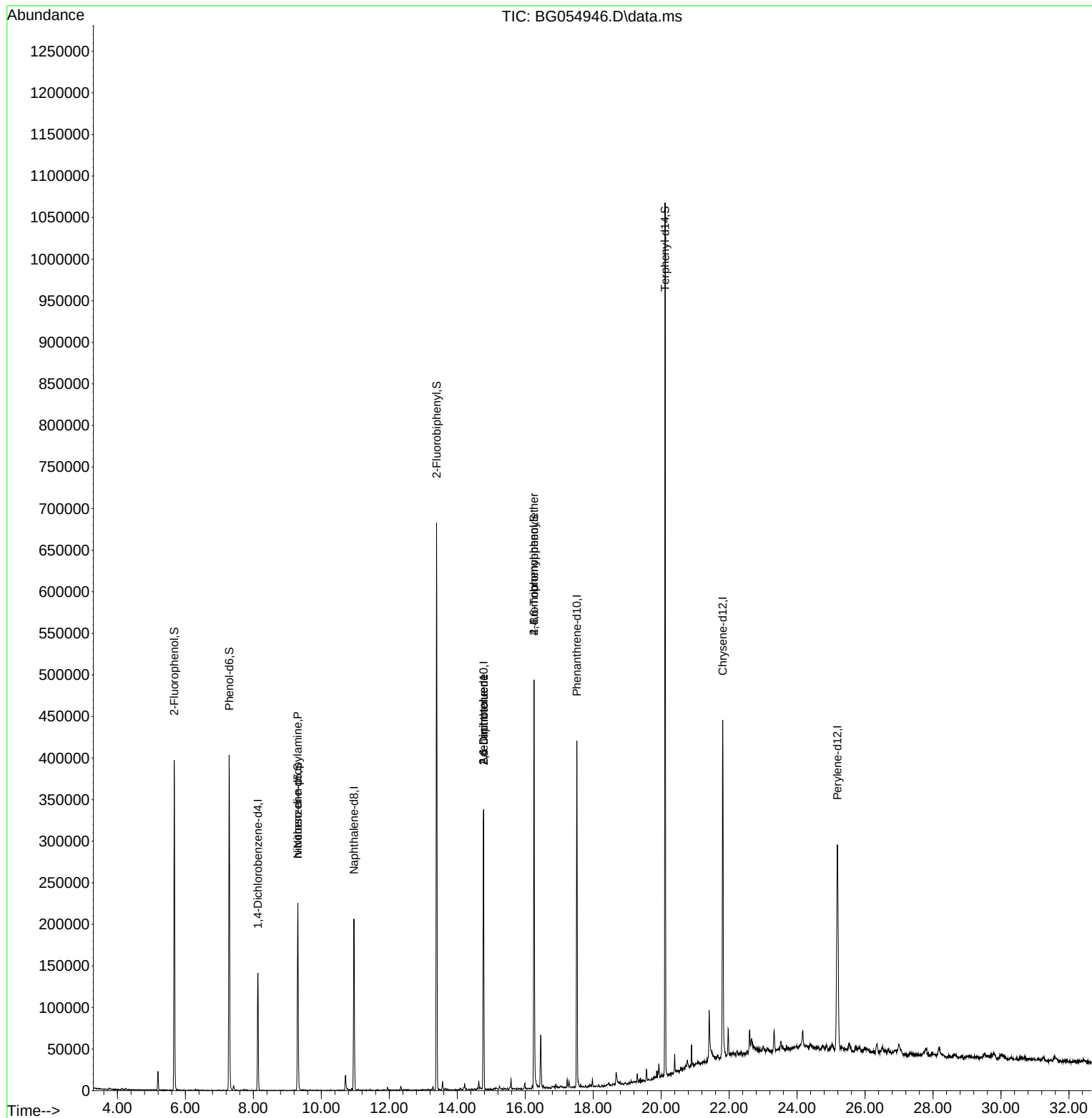
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.135	152	45310	20.000	ng	0.00
21) Naphthalene-d8	10.961	136	189354	20.000	ng	# 0.00
39) Acenaphthene-d10	14.774	164	129272	20.000	ng	0.00
64) Phenanthrene-d10	17.518	188	274463	20.000	ng	0.00
76) Chrysene-d12	21.813	240	264232	20.000	ng	0.00
86) Perylene-d12	25.185	264	281098	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.673	112	198181	76.165	ng	0.00
7) Phenol-d6	7.289	99	273591	76.885	ng	0.00
23) Nitrobenzene-d5	9.310	82	144610	40.092	ng	0.00
42) 2,4,6-Tribromophenol	16.260	330	117083	72.482	ng	0.00
45) 2-Fluorobiphenyl	13.393	172	381774	44.388	ng	0.00
79) Terphenyl-d14	20.115	244	561167	42.080	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.310	70	17986	7.350	ng	# 77
51) 2,6-Dinitrotoluene	14.774	165	16480	8.090	ng	# 22
57) 2,4-Dinitrotoluene	14.774	165	16480	5.849	ng	# 19
67) 4-Bromophenyl-phenylether	16.260	248	7036	2.335	ng	# 1

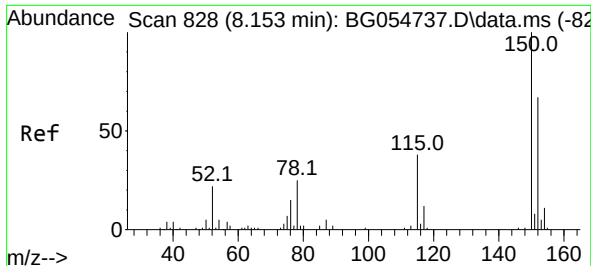
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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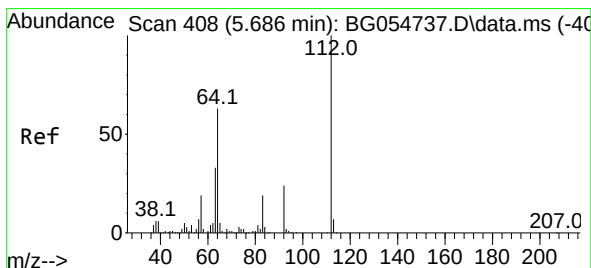
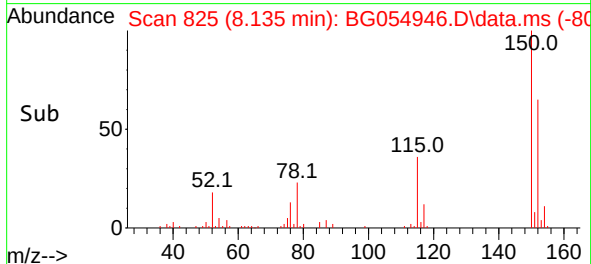
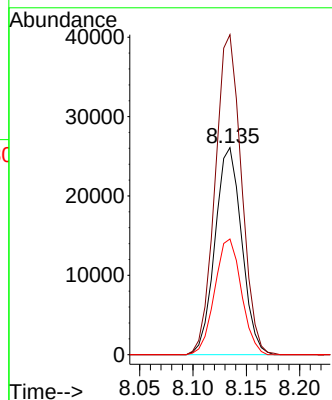
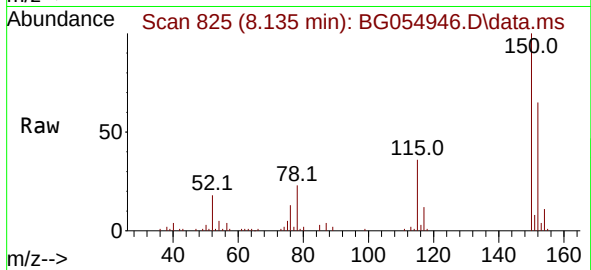




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.135 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG054946.D
Acq: 14 Sep 2022 16:41

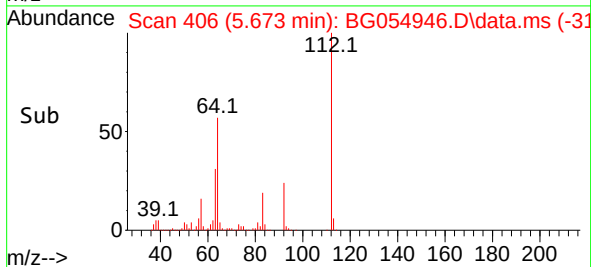
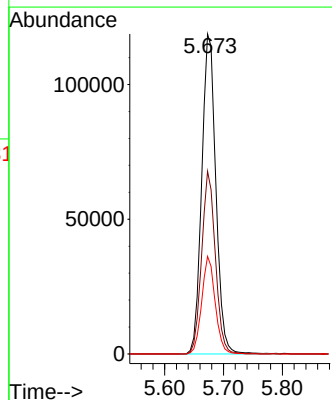
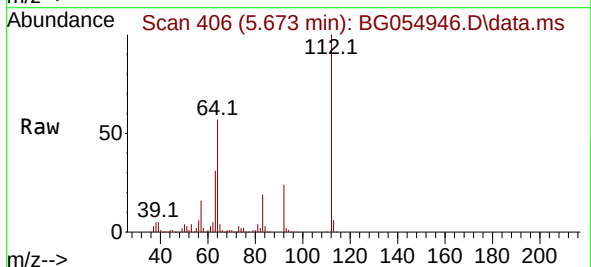
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-6

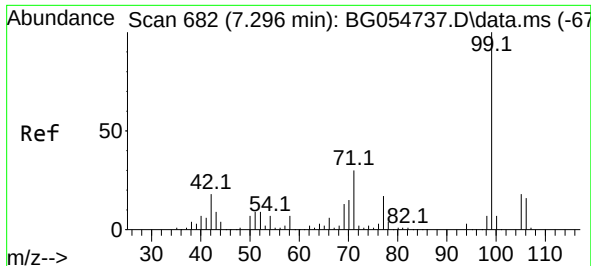
Tgt Ion:152 Resp: 45310
Ion Ratio Lower Upper
152 100
150 154.6 125.2 187.8
115 55.9 47.9 71.9



#5
2-Fluorophenol
Concen: 76.165 ng
RT: 5.673 min Scan# 406
Delta R.T. -0.000 min
Lab File: BG054946.D
Acq: 14 Sep 2022 16:41

Tgt Ion:112 Resp: 198181
Ion Ratio Lower Upper
112 100
64 57.1 49.3 73.9
63 30.5 26.3 39.5

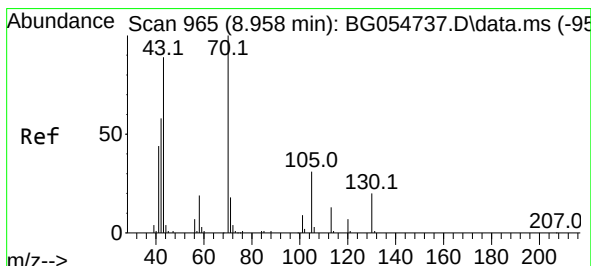
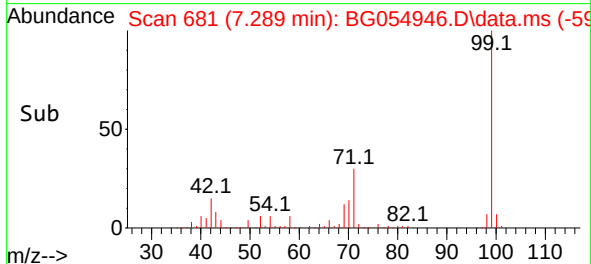
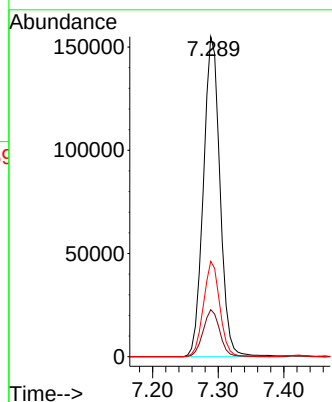
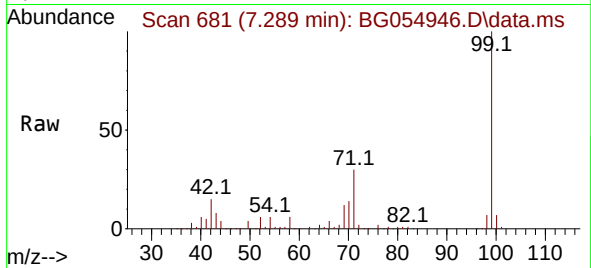




#7
Phenol-d6
Concen: 76.885 ng
RT: 7.289 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG054946.D
Acq: 14 Sep 2022 16:41

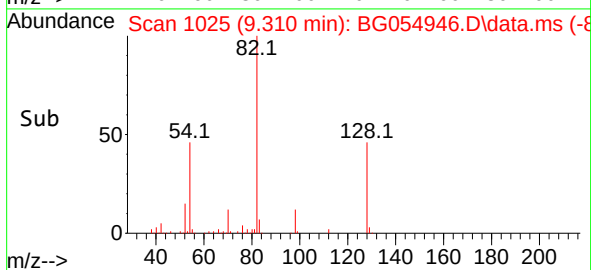
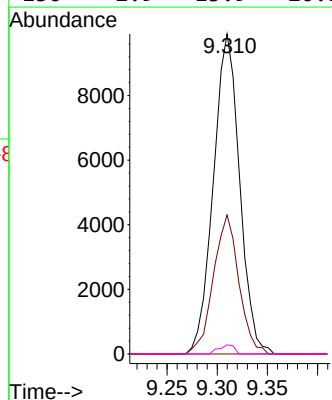
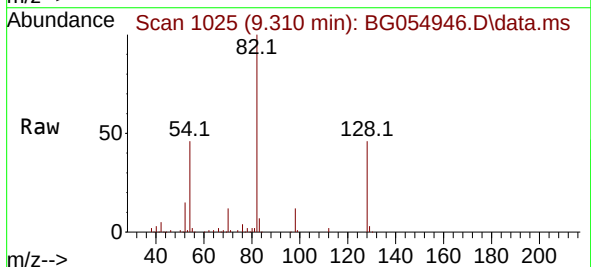
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-6

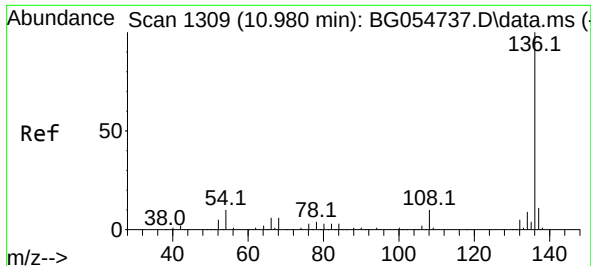
Tgt Ion: 99 Resp: 273591
Ion Ratio Lower Upper
99 100
42 14.7 14.6 22.0
71 29.8 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 7.350 ng
RT: 9.310 min Scan# 1025
Delta R.T. 0.370 min
Lab File: BG054946.D
Acq: 14 Sep 2022 16:41

Tgt Ion: 70 Resp: 17986
Ion Ratio Lower Upper
70 100
42 43.4 46.6 69.8#
101 0.0 7.7 11.5#
130 2.9 13.9 20.9#

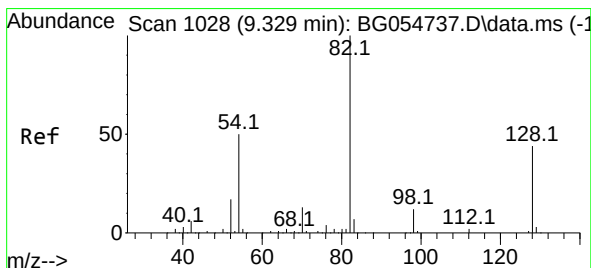
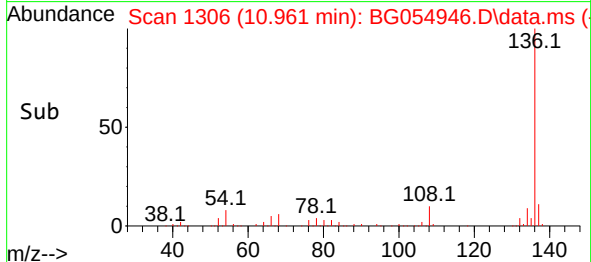
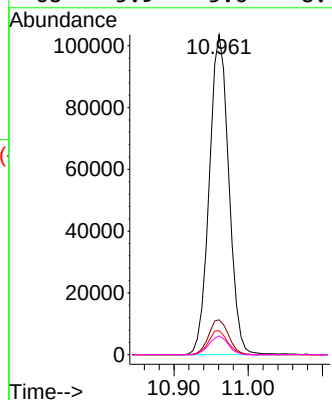
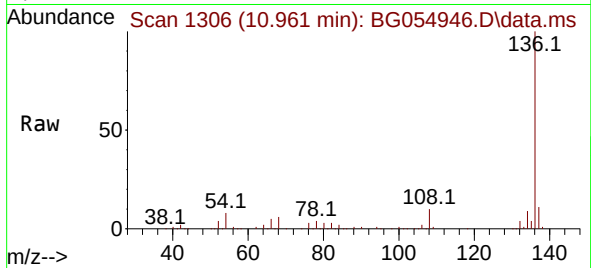




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.961 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG054946.D
Acq: 14 Sep 2022 16:41

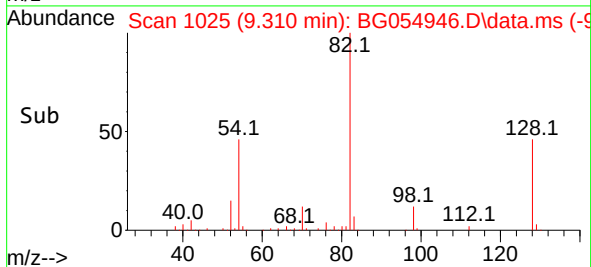
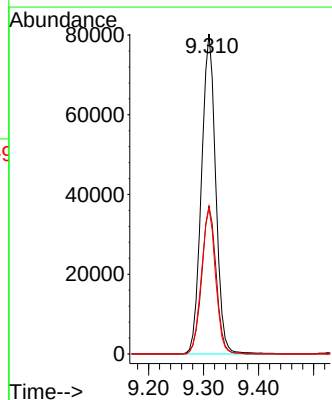
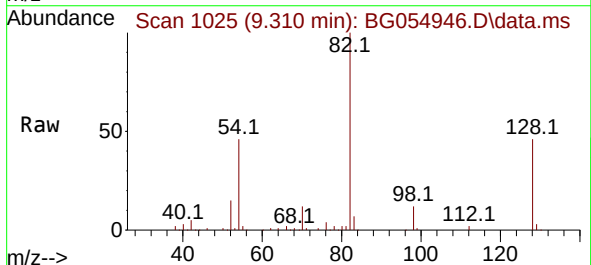
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-6

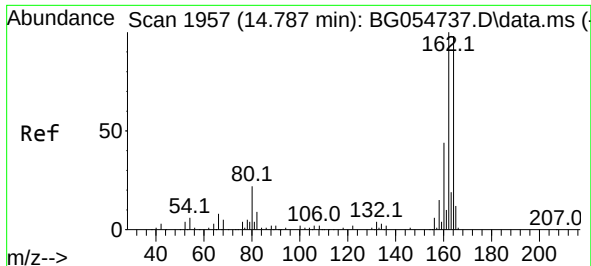
Tgt Ion:	136	Resp:	189354
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.2	13.8
54	7.5	7.7	11.5#
68	5.9	5.6	8.4



#23
Nitrobenzene-d5
Concen: 40.092 ng
RT: 9.310 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BG054946.D
Acq: 14 Sep 2022 16:41

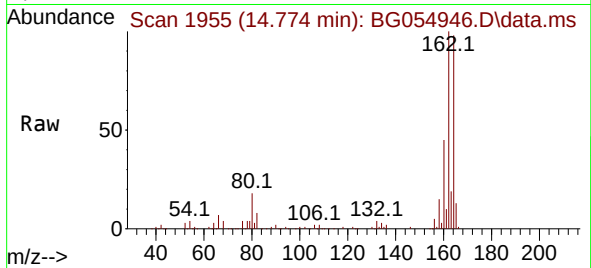
Tgt Ion:	82	Resp:	144610
Ion Ratio	Lower	Upper	
82	100		
128	46.2	32.2	48.2
54	45.6	41.4	62.0



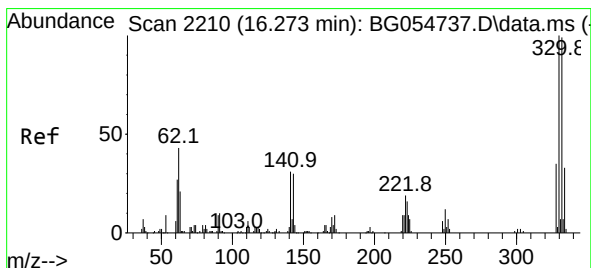
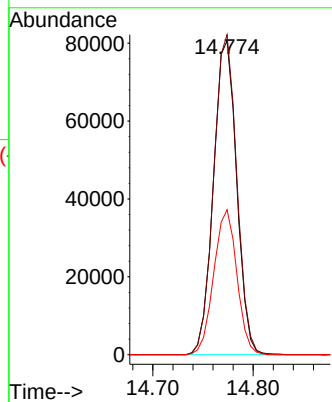
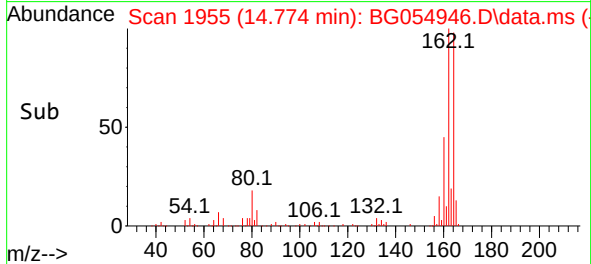


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.774 min Scan# 1955
Delta R.T. -0.000 min
Lab File: BG054946.D
Acq: 14 Sep 2022 16:41

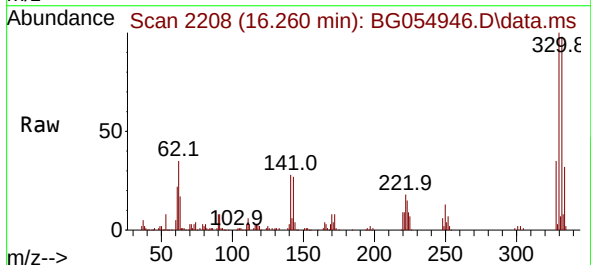
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-6



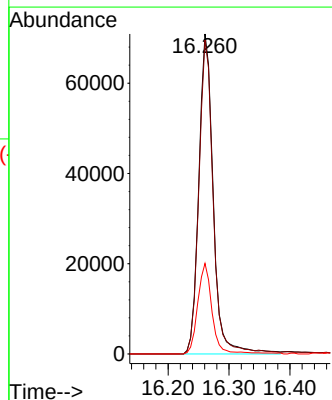
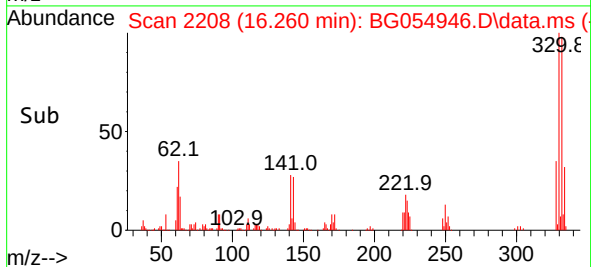
Tgt Ion:164 Resp: 129272
Ion Ratio Lower Upper
164 100
162 102.0 83.0 124.4
160 46.2 38.0 57.0

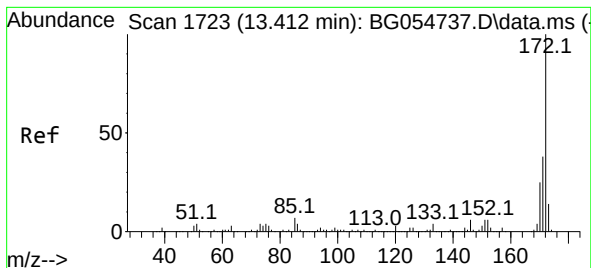


#42
2,4,6-Tribromophenol
Concen: 72.482 ng
RT: 16.260 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BG054946.D
Acq: 14 Sep 2022 16:41



Tgt Ion:330 Resp: 117083
Ion Ratio Lower Upper
330 100
332 97.3 79.8 119.6
141 27.9 26.8 40.2





#45

2-Fluorobiphenyl

Concen: 44.388 ng

RT: 13.393 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG054946.D

Acq: 14 Sep 2022 16:41

Instrument :

BNA_G

ClientSampleId :

CHERRY-HILL-COMP-6

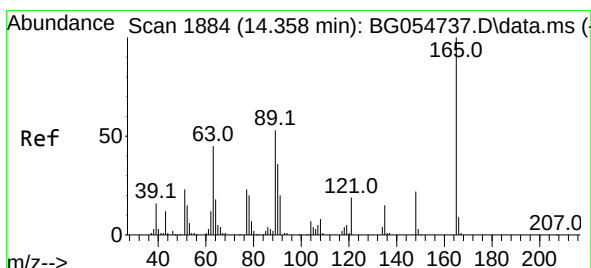
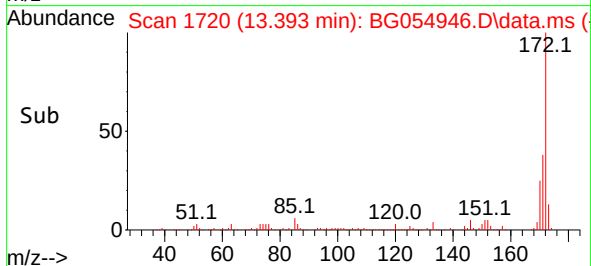
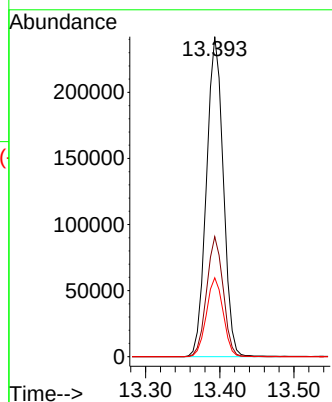
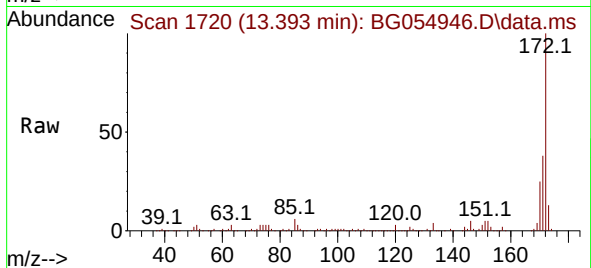
Tgt Ion:172 Resp: 381774

Ion Ratio Lower Upper

172 100

171 37.5 31.2 46.8

170 24.6 20.6 30.8



#51

2,6-Dinitrotoluene

Concen: 8.090 ng

RT: 14.774 min Scan# 1955

Delta R.T. 0.429 min

Lab File: BG054946.D

Acq: 14 Sep 2022 16:41

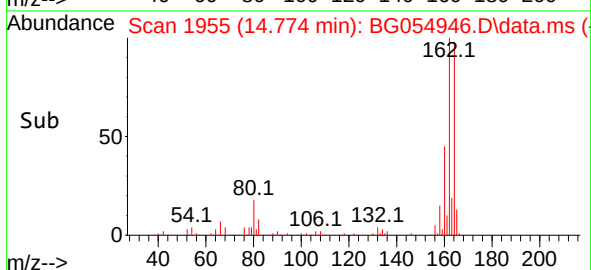
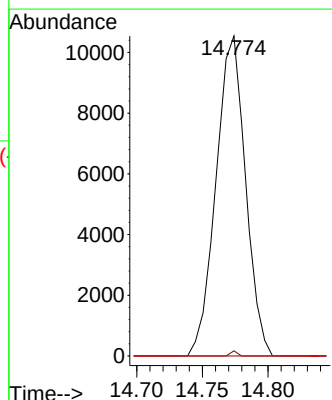
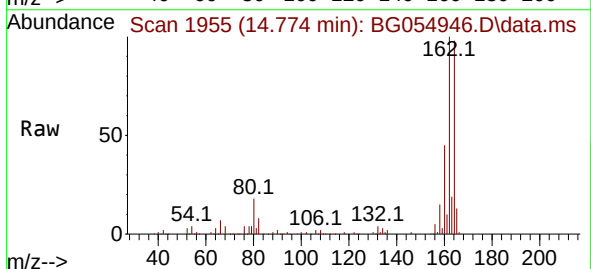
Tgt Ion:165 Resp: 16480

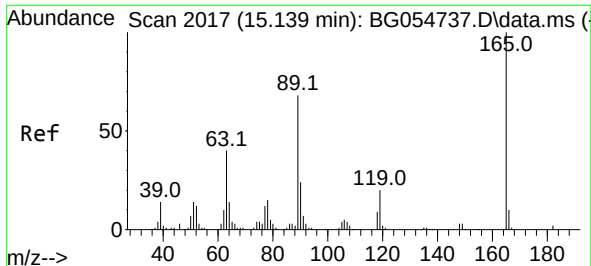
Ion Ratio Lower Upper

165 100

63 1.6 46.0 69.0#

89 0.0 50.3 75.5#





#57

2,4-Dinitrotoluene

Concen: 5.849 ng

RT: 14.774 min Scan# 1955

Delta R.T. -0.364 min

Lab File: BG054946.D

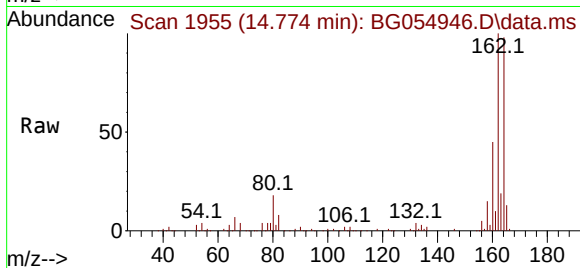
Acq: 14 Sep 2022 16:41

Instrument :

BNA_G

ClientSampleId :

CHERRY-HILL-COMP-6



Tgt Ion:165 Resp: 16480

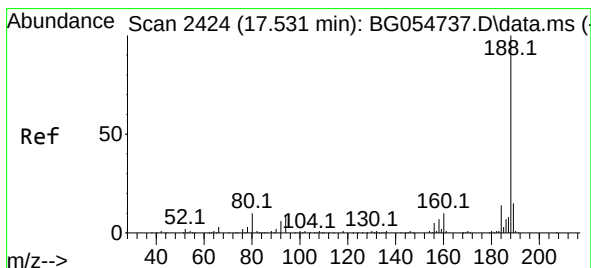
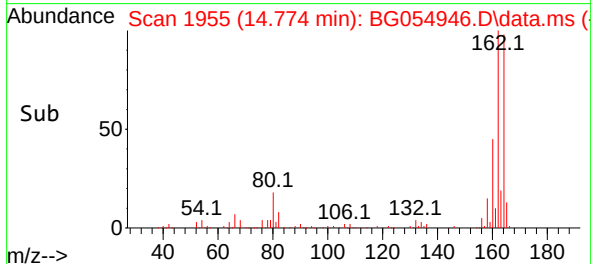
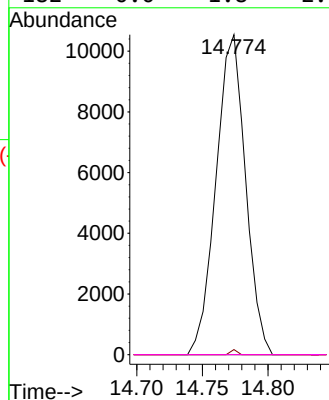
Ion Ratio Lower Upper

165 100

63 1.6 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. -0.006 min

Lab File: BG054946.D

Acq: 14 Sep 2022 16:41

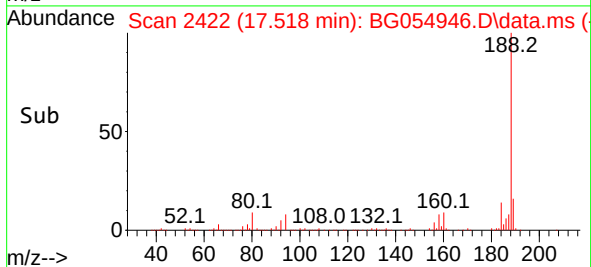
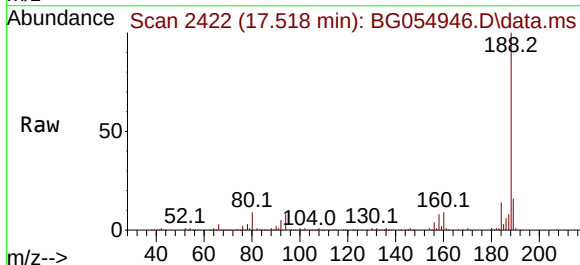
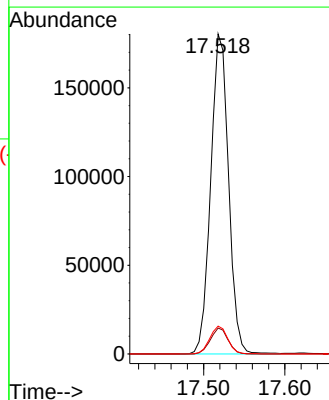
Tgt Ion:188 Resp: 274463

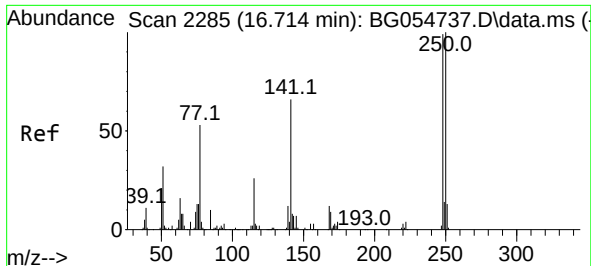
Ion Ratio Lower Upper

188 100

94 8.1 7.0 10.4

80 8.7 7.9 11.9

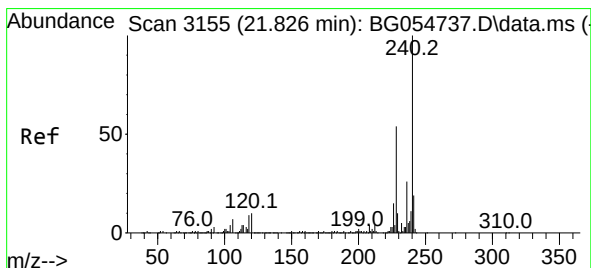
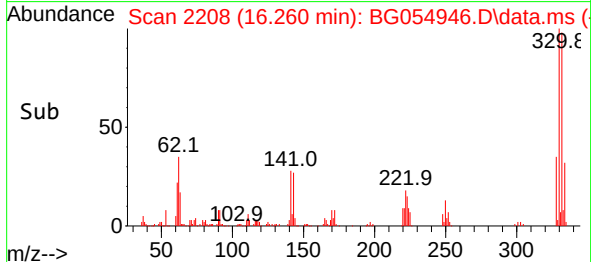
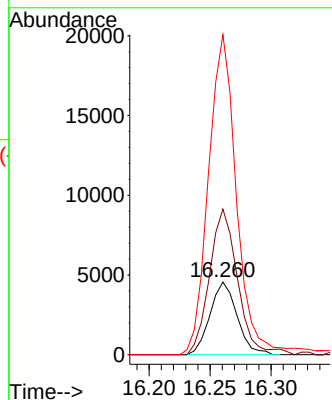
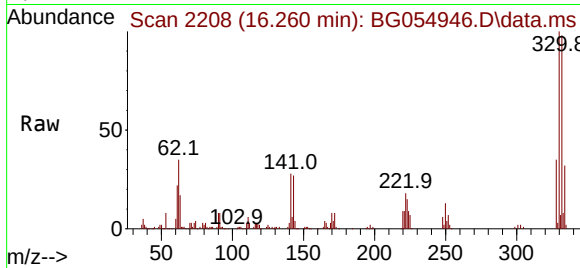




#67
4-Bromophenyl-phenylether
Concen: 2.335 ng
RT: 16.260 min Scan# 211
Delta R.T. -0.441 min
Lab File: BG054946.D
Acq: 14 Sep 2022 16:41

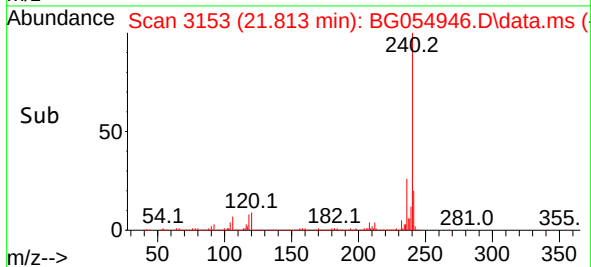
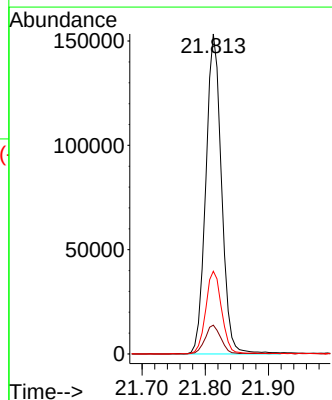
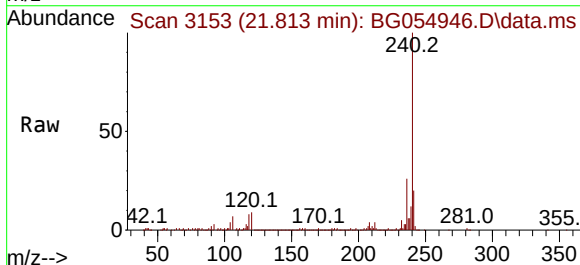
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-6

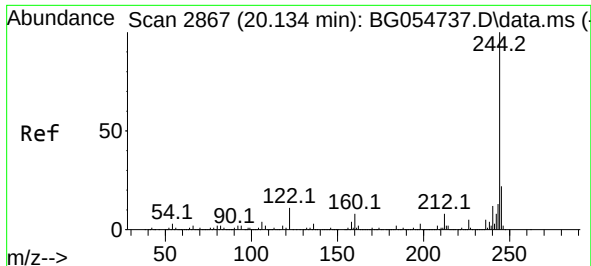
Tgt Ion:248 Resp: 7036
Ion Ratio Lower Upper
248 100
250 200.4 78.8 118.2#
141 440.1 51.9 77.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.813 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BG054946.D
Acq: 14 Sep 2022 16:41

Tgt Ion:240 Resp: 264232
Ion Ratio Lower Upper
240 100
120 9.0 8.2 12.4
236 25.9 21.2 31.8

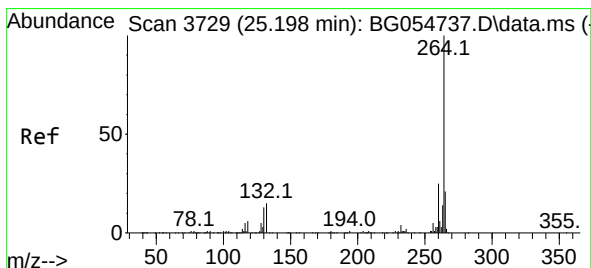
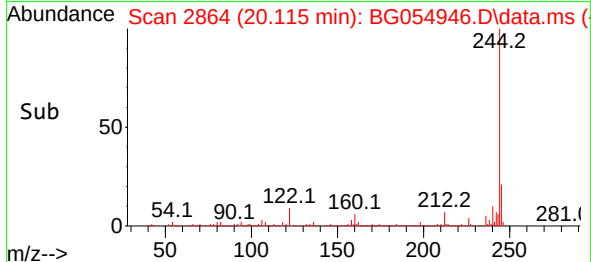
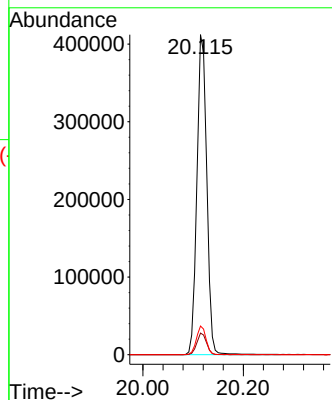
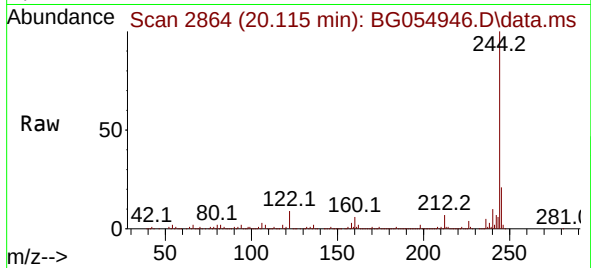




#79
 Terphenyl-d14
 Concen: 42.080 ng
 RT: 20.115 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG054946.D
 Acq: 14 Sep 2022 16:41

Instrument :
 BNA_G
 ClientSampleId :
 CHERRY-HILL-COMP-6

Tgt Ion:244 Resp: 561167
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.2 9.2
 122 9.0 9.0 13.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.185 min Scan# 3727
 Delta R.T. -0.000 min
 Lab File: BG054946.D
 Acq: 14 Sep 2022 16:41

Tgt Ion:264 Resp: 281098
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.9 29.9
 265 21.6 16.9 25.3

