

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091322\
 Data File : BG054933.D
 Acq On : 13 Sep 2022 22:32
 Operator : CG/JU
 Sample : N4578-31
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CHERRY-HILL-COMP-8

Quant Time: Sep 14 03:24:02 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)

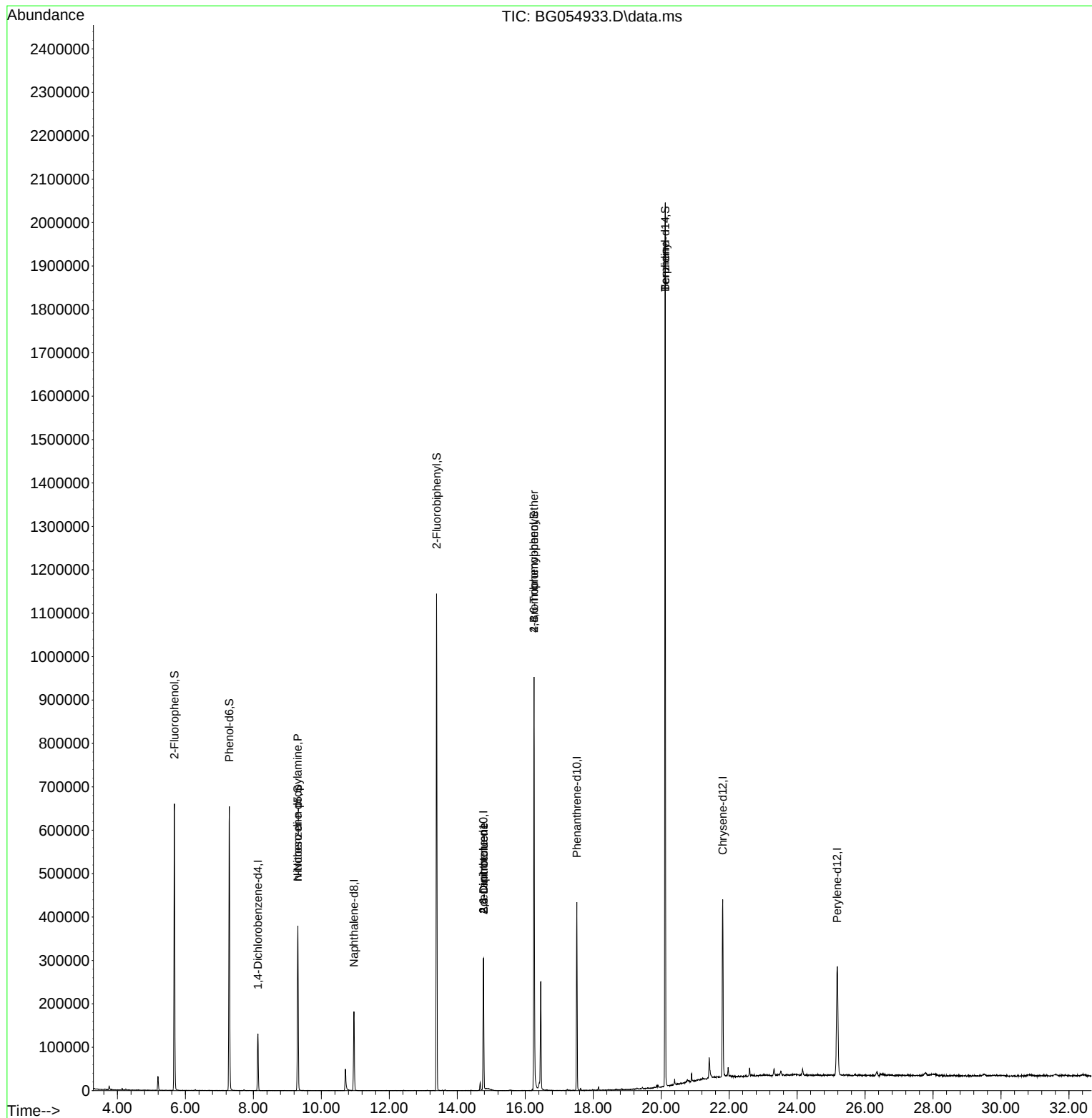
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.135	152	42074	20.000	ng	-0.01
21) Naphthalene-d8	10.961	136	169082	20.000	ng	#-0.01
39) Acenaphthene-d10	14.768	164	119339	20.000	ng	-0.01
64) Phenanthrene-d10	17.518	188	287433	20.000	ng	-0.01
76) Chrysene-d12	21.813	240	278908	20.000	ng	-0.01
86) Perylene-d12	25.180	264	293859	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.679	112	331724	137.294	ng	0.00
7) Phenol-d6	7.295	99	440867	133.422	ng	0.00
23) Nitrobenzene-d5	9.310	82	250320	77.719	ng	-0.01
42) 2,4,6-Tribromophenol	16.261	330	236609	158.668	ng	-0.01
45) 2-Fluorobiphenyl	13.393	172	634320	79.889	ng	-0.01
79) Terphenyl-d14	20.121	244	1070506	76.050	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.310	70	31228	13.743	ng	# 76
51) 2,6-Dinitrotoluene	14.774	165	15633	8.313	ng	# 24
57) 2,4-Dinitrotoluene	14.774	165	15633	6.010	ng	# 21
67) 4-Bromophenyl-phenylether	16.261	248	14810	4.693	ng	# 1
77) Benzidine	20.121	184	15080	2.183	ng	# 91

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

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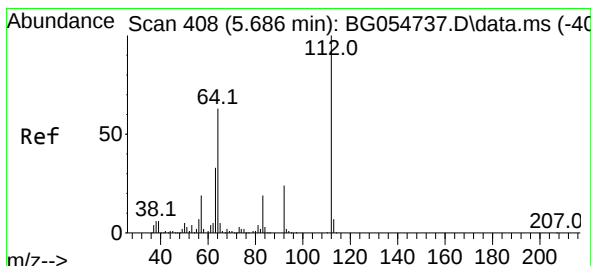
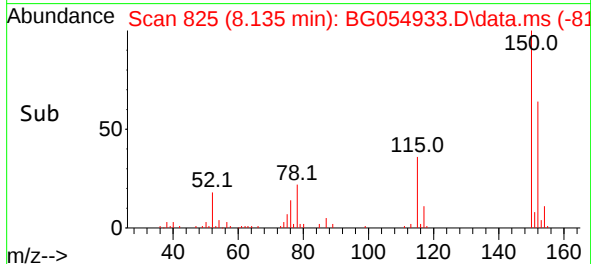
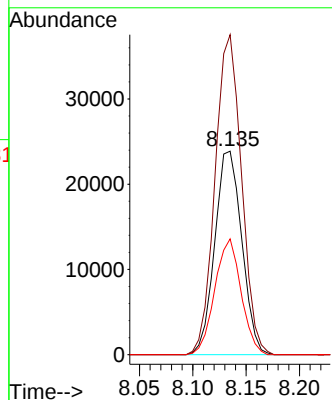
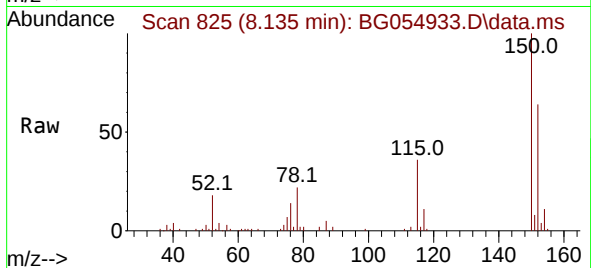




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.135 min Scan# 81
Delta R.T. -0.011 min
Lab File: BG054933.D
Acq: 13 Sep 2022 22:32

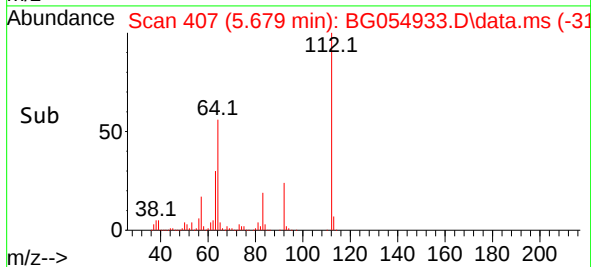
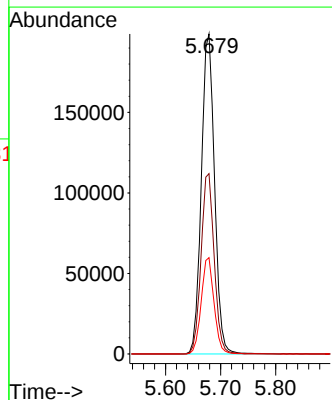
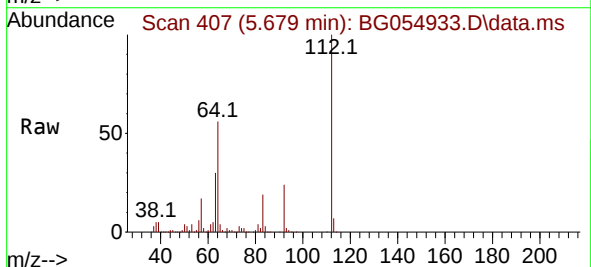
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-8

Tgt Ion:152 Resp: 42074
Ion Ratio Lower Upper
152 100
150 157.3 125.2 187.8
115 57.0 47.9 71.9



#5
2-Fluorophenol
Concen: 137.294 ng
RT: 5.679 min Scan# 407
Delta R.T. -0.005 min
Lab File: BG054933.D
Acq: 13 Sep 2022 22:32

Tgt Ion:112 Resp: 331724
Ion Ratio Lower Upper
112 100
64 56.3 49.3 73.9
63 30.1 26.3 39.5

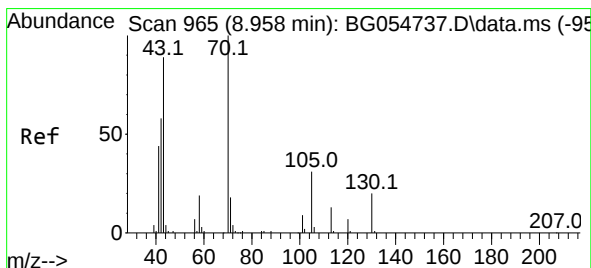
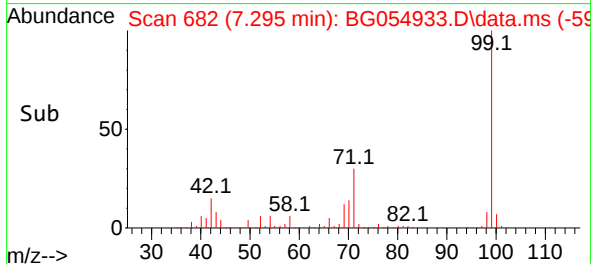
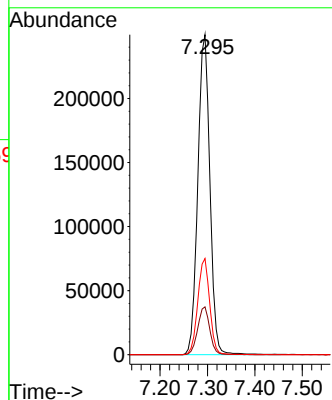
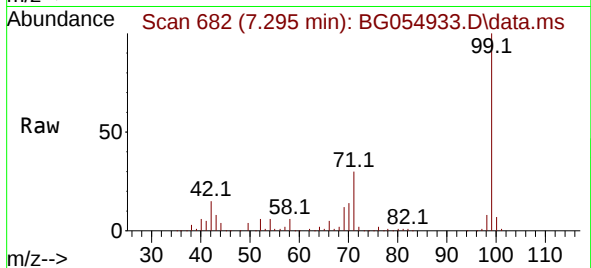




#7
Phenol-d6
Concen: 133.422 ng
RT: 7.295 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG054933.D
Acq: 13 Sep 2022 22:32

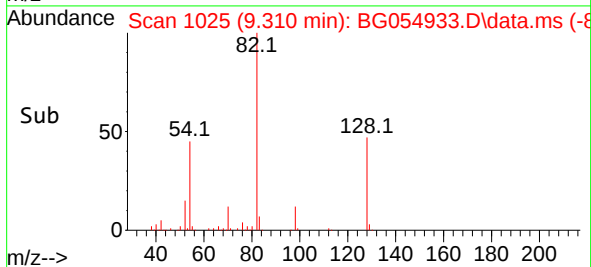
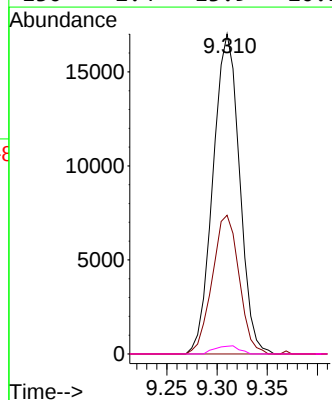
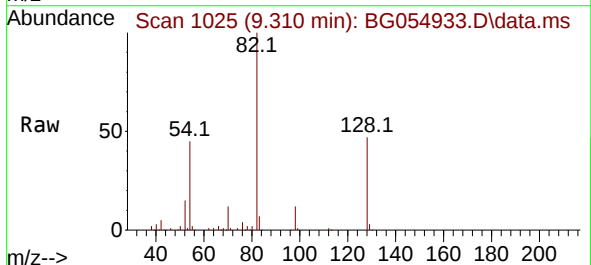
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-8

Tgt Ion: 99 Resp: 440867
Ion Ratio Lower Upper
99 100
42 15.0 14.6 22.0
71 30.1 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.743 ng
RT: 9.310 min Scan# 1025
Delta R.T. 0.359 min
Lab File: BG054933.D
Acq: 13 Sep 2022 22:32

Tgt Ion: 70 Resp: 31228
Ion Ratio Lower Upper
70 100
42 43.3 46.6 69.8#
101 0.0 7.7 11.5#
130 2.4 13.9 20.9#

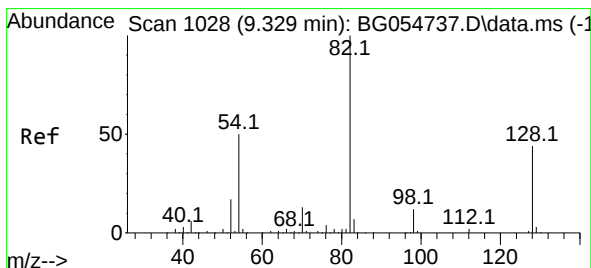
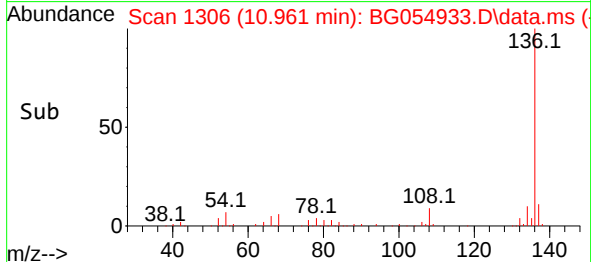
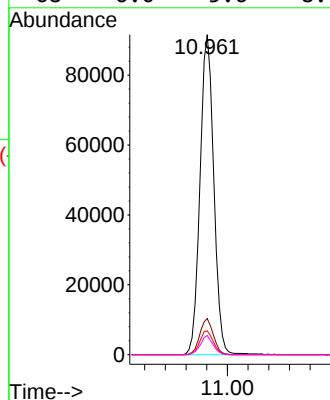
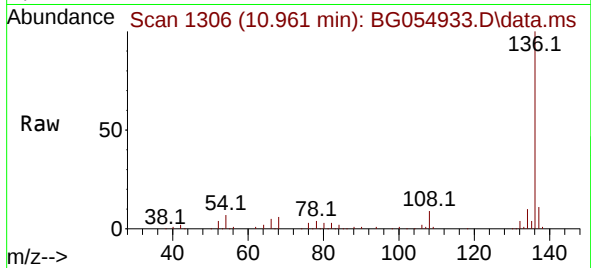




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.961 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG054933.D
Acq: 13 Sep 2022 22:32

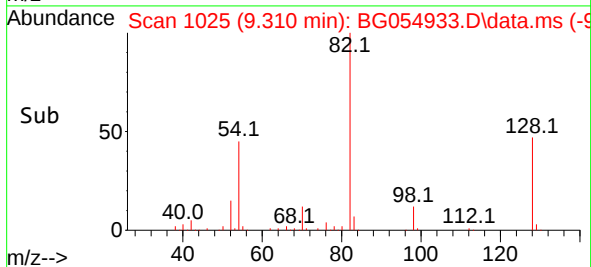
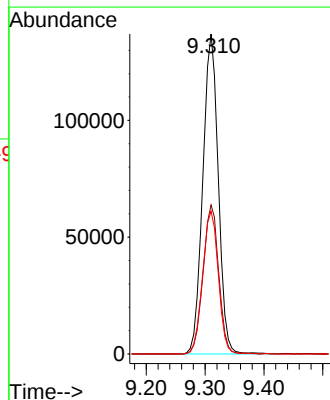
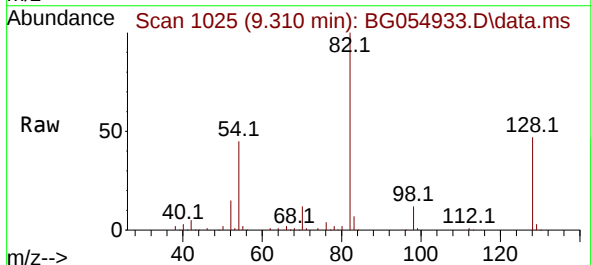
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-8

Tgt Ion:136 Resp: 169082
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 7.5 7.7 11.5#
68 6.0 5.6 8.4



#23
Nitrobenzene-d5
Concen: 77.719 ng
RT: 9.310 min Scan# 1025
Delta R.T. -0.011 min
Lab File: BG054933.D
Acq: 13 Sep 2022 22:32

Tgt Ion: 82 Resp: 250320
Ion Ratio Lower Upper
82 100
128 46.5 32.2 48.2
54 44.6 41.4 62.0

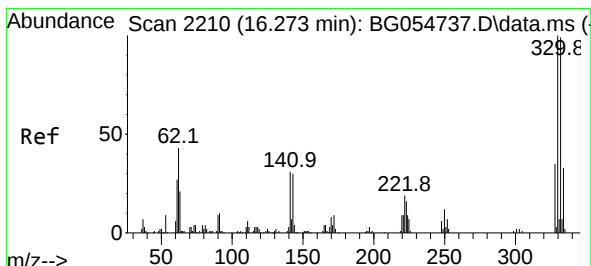
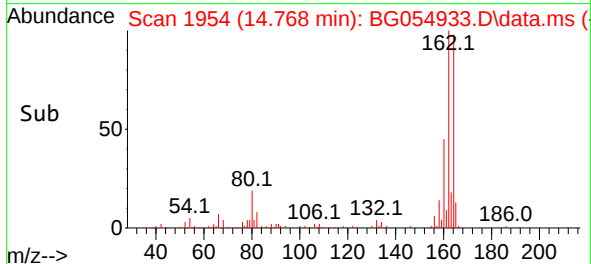
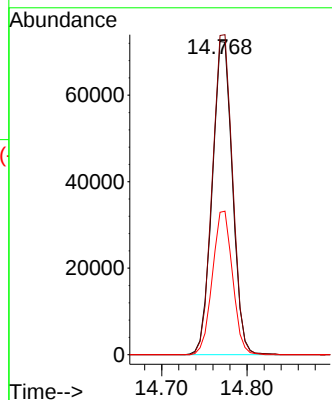
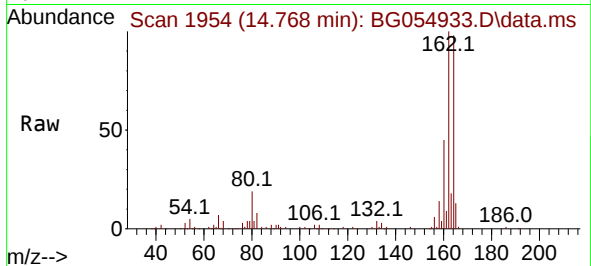




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.768 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG054933.D
Acq: 13 Sep 2022 22:32

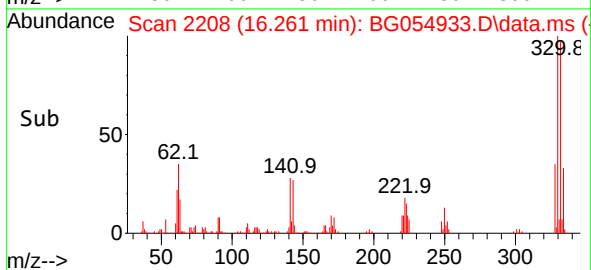
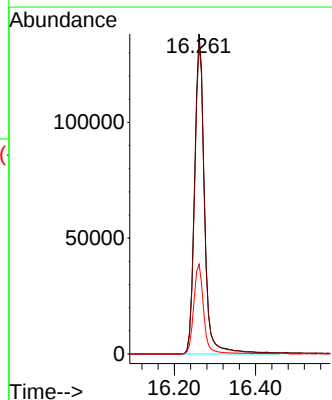
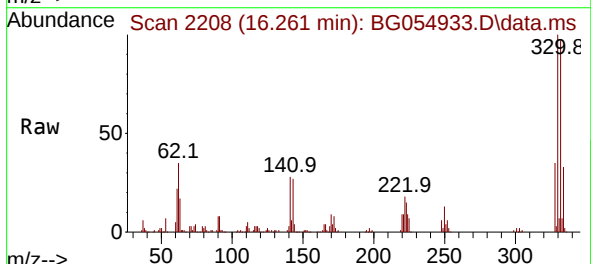
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ClientSampleId :
CHERRY-HILL-COMP-8

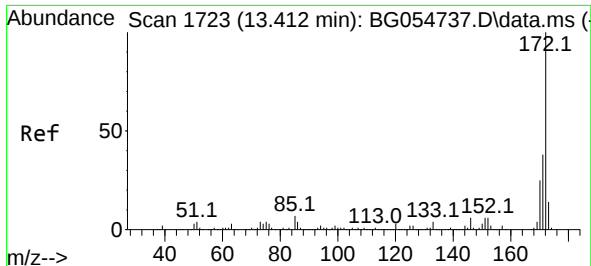
Tgt Ion:164 Resp: 119339
Ion Ratio Lower Upper
164 100
162 101.9 83.0 124.4
160 45.5 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 158.668 ng
RT: 16.261 min Scan# 2208
Delta R.T. -0.011 min
Lab File: BG054933.D
Acq: 13 Sep 2022 22:32

Tgt Ion:330 Resp: 236609
Ion Ratio Lower Upper
330 100
332 96.0 79.8 119.6
141 27.9 26.8 40.2

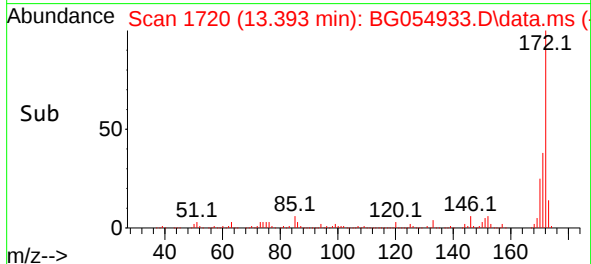
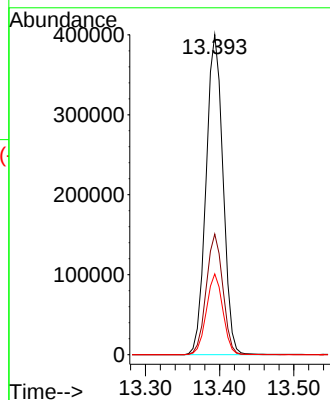
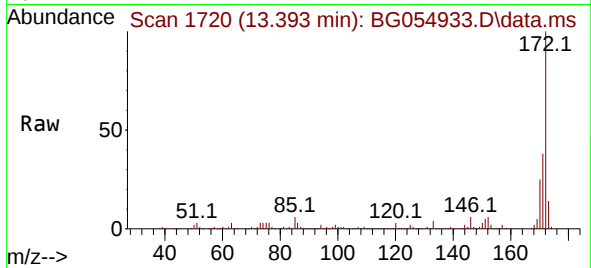




#45
2-Fluorobiphenyl
Concen: 79.889 ng
RT: 13.393 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG054933.D
Acq: 13 Sep 2022 22:32

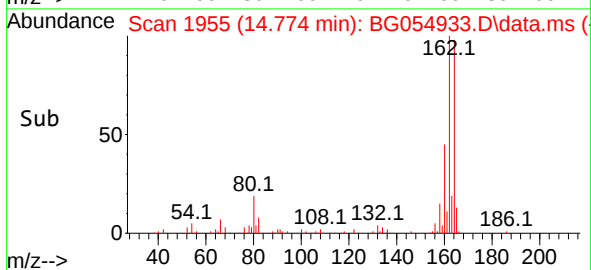
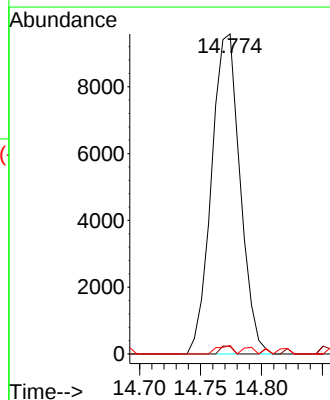
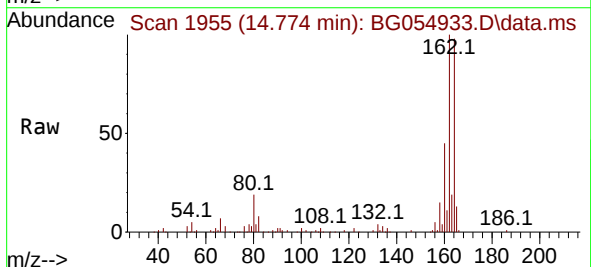
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ClientSampleId :
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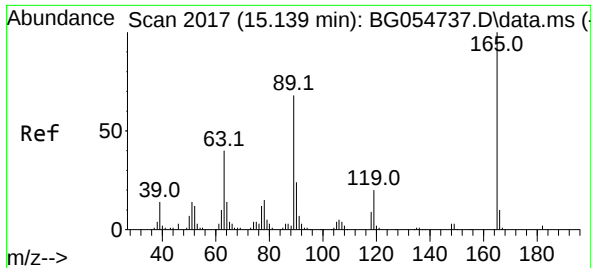
Tgt Ion:172 Resp: 634320
Ion Ratio Lower Upper
172 100
171 37.7 31.2 46.8
170 25.3 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.313 ng
RT: 14.774 min Scan# 1955
Delta R.T. 0.418 min
Lab File: BG054933.D
Acq: 13 Sep 2022 22:32

Tgt Ion:165 Resp: 15633
Ion Ratio Lower Upper
165 100
63 2.4 46.0 69.0#
89 2.7 50.3 75.5#

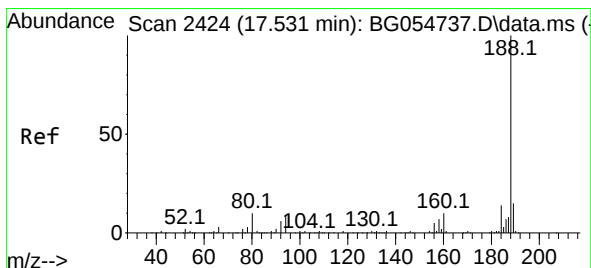
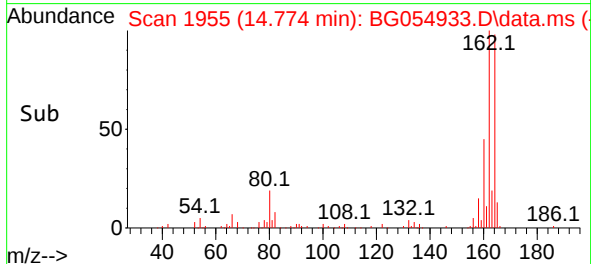
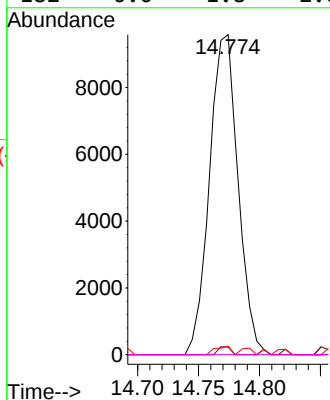
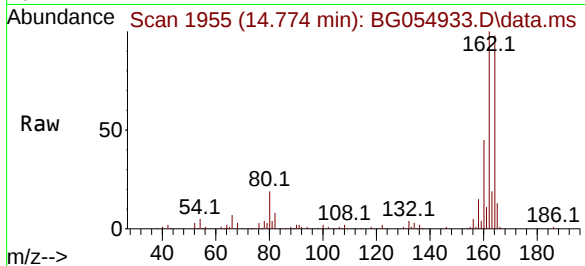




#57
2,4-Dinitrotoluene
Concen: 6.010 ng
RT: 14.774 min Scan# 1955
Delta R.T. -0.370 min
Lab File: BG054933.D
Acq: 13 Sep 2022 22:32

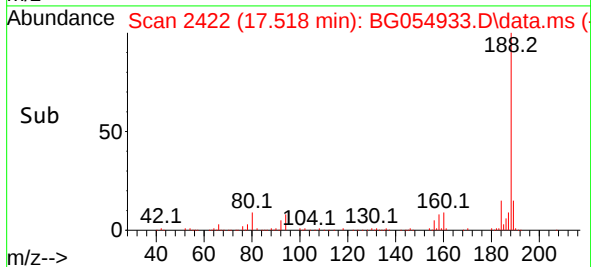
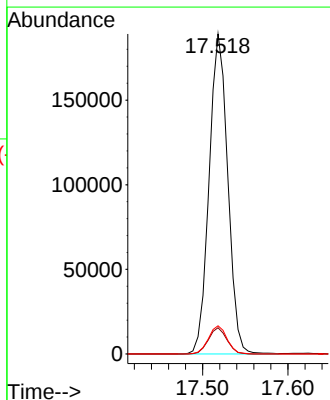
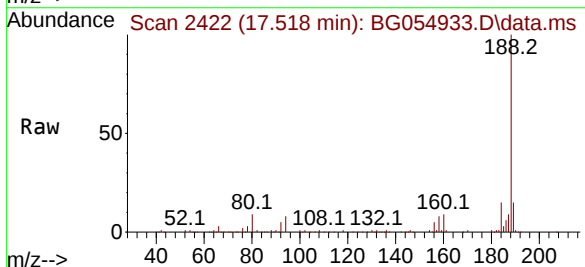
Instrument :
BNA_G
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CHERRY-HILL-COMP-8

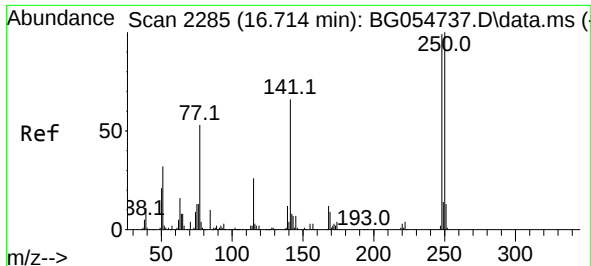
Tgt Ion:165 Resp: 15633
Ion Ratio Lower Upper
165 100
63 2.4 36.8 55.2#
89 2.7 64.3 96.5#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.518 min Scan# 2422
Delta R.T. -0.011 min
Lab File: BG054933.D
Acq: 13 Sep 2022 22:32

Tgt Ion:188 Resp: 287433
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.4
80 8.8 7.9 11.9

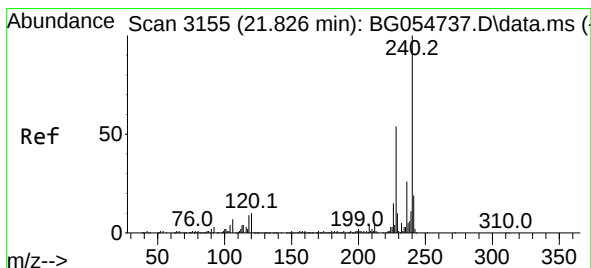
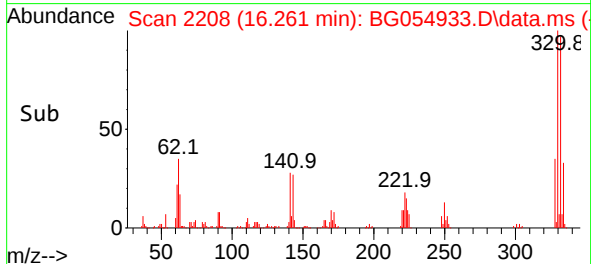
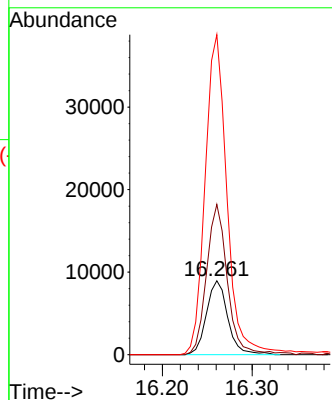
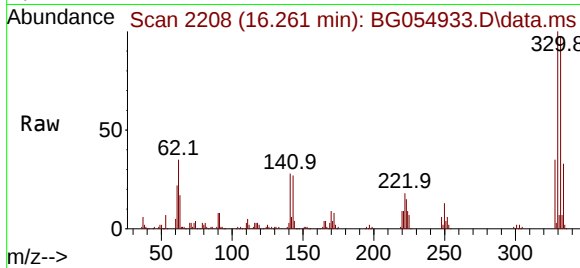




#67
4-Bromophenyl-phenylether
Concen: 4.693 ng
RT: 16.261 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG054933.D
Acq: 13 Sep 2022 22:32

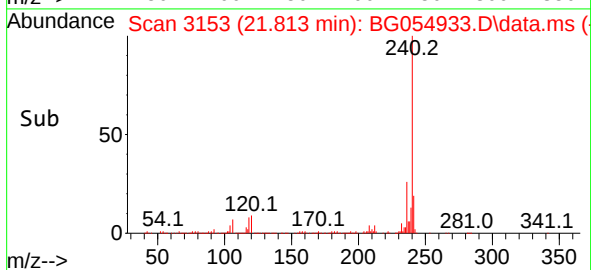
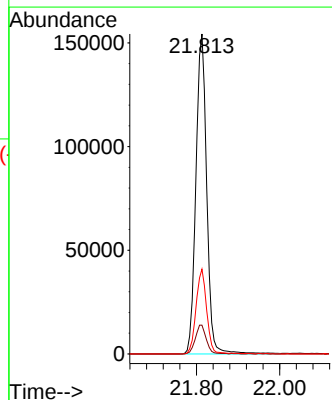
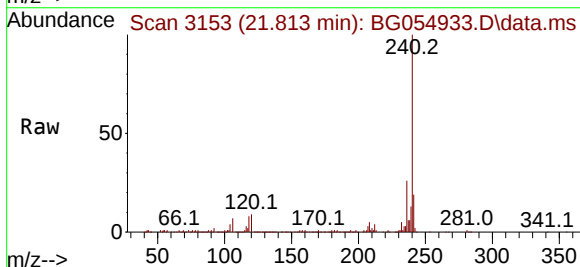
Instrument :
BNA_G
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CHERRY-HILL-COMP-8

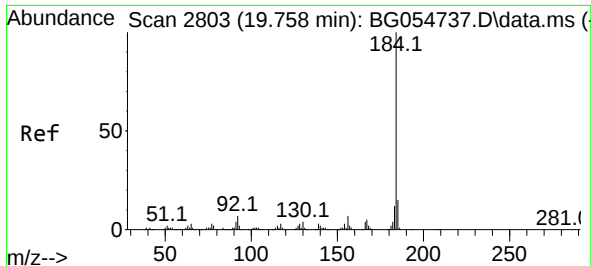
Tgt Ion:248 Resp: 14810
Ion Ratio Lower Upper
248 100
250 203.0 78.8 118.2#
141 432.5 51.9 77.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.813 min Scan# 3153
Delta R.T. -0.011 min
Lab File: BG054933.D
Acq: 13 Sep 2022 22:32

Tgt Ion:240 Resp: 278908
Ion Ratio Lower Upper
240 100
120 9.0 8.2 12.4
236 26.5 21.2 31.8





#77

Benzidine

Concen: 2.183 ng

RT: 20.121 min Scan# 2865

Delta R.T. 0.371 min

Lab File: BG054933.D

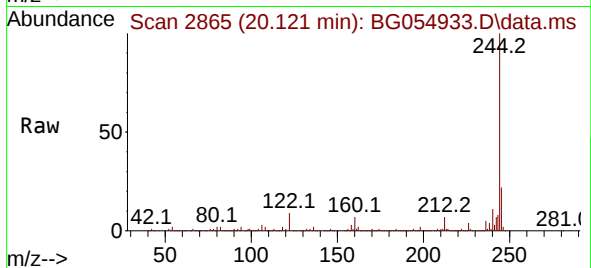
Acq: 13 Sep 2022 22:32

Instrument :

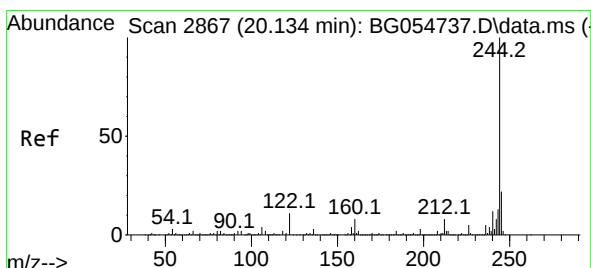
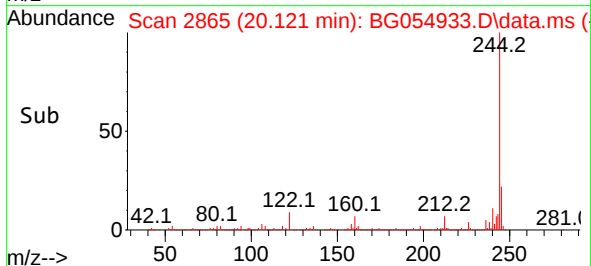
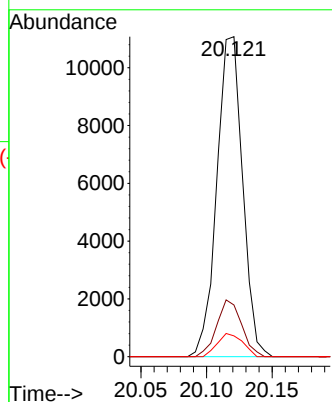
BNA_G

ClientSampleId :

CHERRY-HILL-COMP-8



Tgt Ion:184	Resp:	15080
Ion Ratio	Lower	Upper
184	100	
185	16.2	11.4 17.0
183	6.5	9.8 14.8



#79

Terphenyl-d14

Concen: 76.050 ng

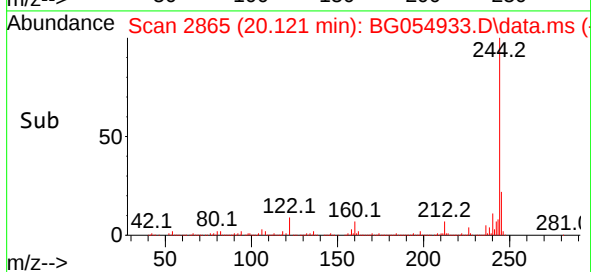
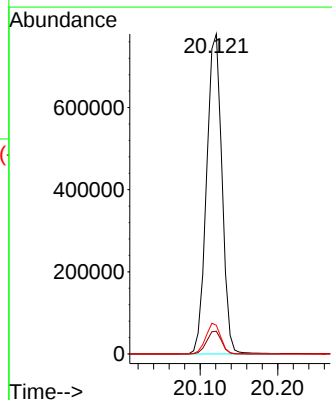
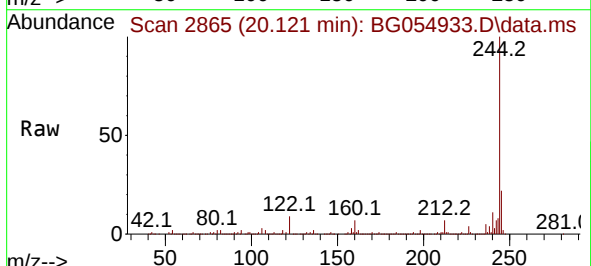
RT: 20.121 min Scan# 2865

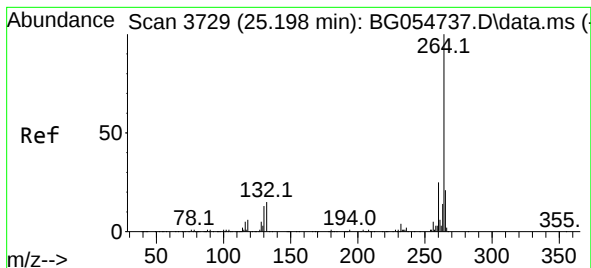
Delta R.T. -0.005 min

Lab File: BG054933.D

Acq: 13 Sep 2022 22:32

Tgt Ion:244	Resp:	1070506
Ion Ratio	Lower	Upper
244	100	
212	7.1	6.2 9.2
122	9.0	9.0 13.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.180 min Scan# 31

Delta R.T. -0.023 min

Lab File: BG054933.D

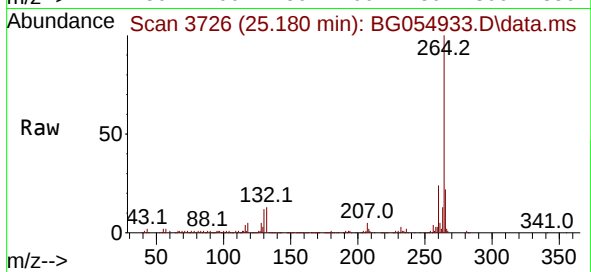
Acq: 13 Sep 2022 22:32

Instrument :

BNA_G

ClientSampleId :

CHERRY-HILL-COMP-8



Tgt Ion:264 Resp: 293859

Ion Ratio Lower Upper

264 100

260 24.0 19.9 29.9

265 21.8 16.9 25.3

