

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091322\
 Data File : BG054931.D
 Acq On : 13 Sep 2022 21:09
 Operator : CG/JU
 Sample : N4578-41
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CHERRY-HILL-COMP-10

Quant Time: Sep 14 03:23:12 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)

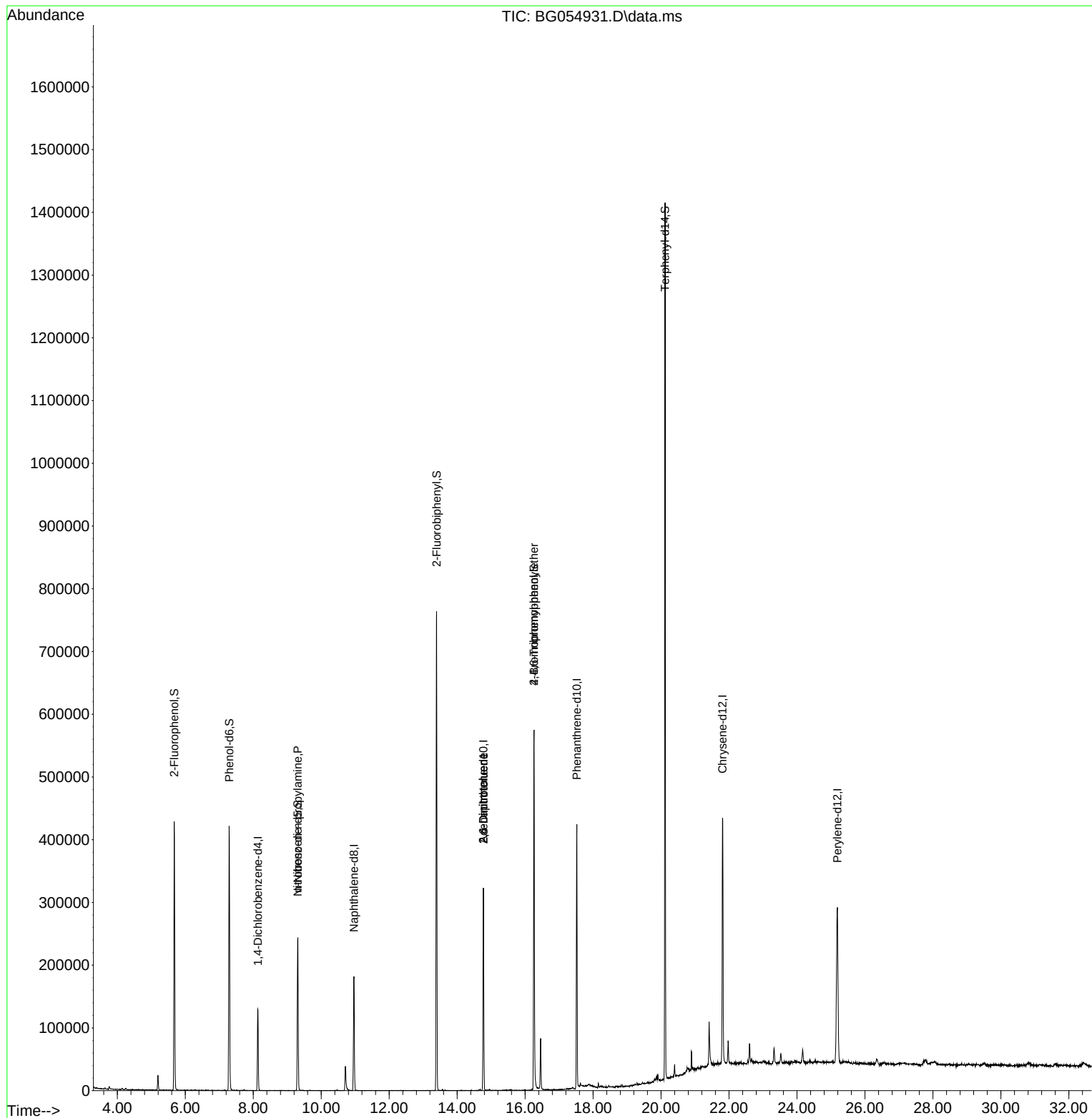
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.137	152	42259	20.000	ng	0.00
21) Naphthalene-d8	10.963	136	169550	20.000	ng	# 0.00
39) Acenaphthene-d10	14.770	164	119657	20.000	ng	0.00
64) Phenanthrene-d10	17.520	188	278288	20.000	ng	0.00
76) Chrysene-d12	21.809	240	267854	20.000	ng	-0.02
86) Perylene-d12	25.187	264	282620	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	217384	89.577	ng	0.00
7) Phenol-d6	7.291	99	286747	86.400	ng	0.00
23) Nitrobenzene-d5	9.306	82	162629	50.354	ng	-0.02
42) 2,4,6-Tribromophenol	16.263	330	144315	96.519	ng	0.00
45) 2-Fluorobiphenyl	13.395	172	439901	55.256	ng	0.00
79) Terphenyl-d14	20.117	244	713322	52.766	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.312	70	20013	8.769	ng	# 77
51) 2,6-Dinitrotoluene	14.770	165	15690	8.321	ng	# 22
57) 2,4-Dinitrotoluene	14.770	165	15690	6.016	ng	# 19
67) 4-Bromophenyl-phenylether	16.263	248	8923	2.920	ng	# 1

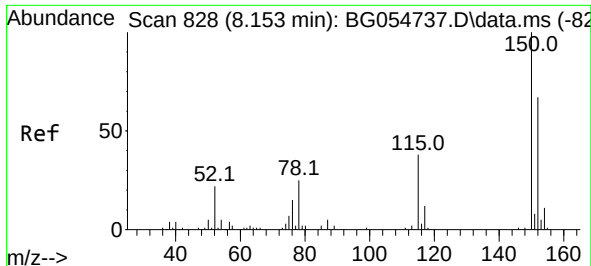
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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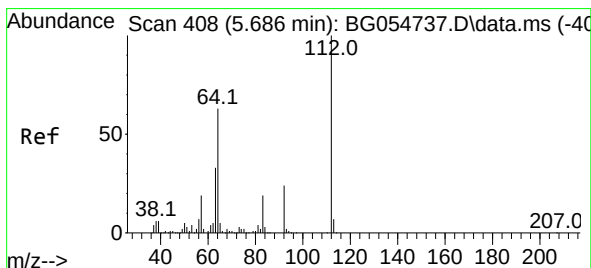
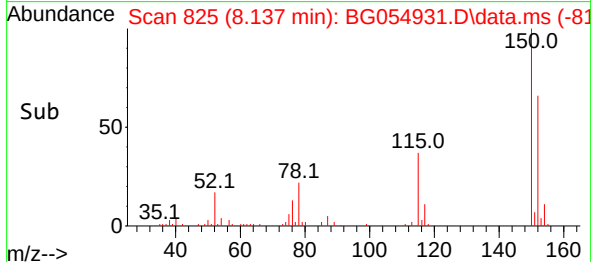
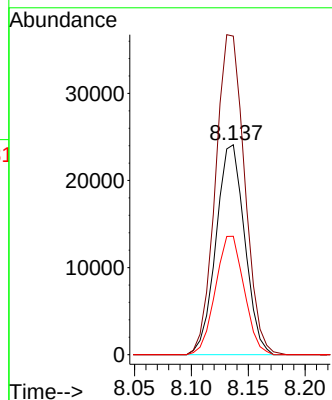
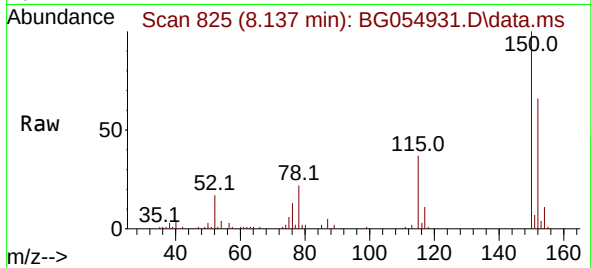




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.137 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG054931.D
Acq: 13 Sep 2022 21:09

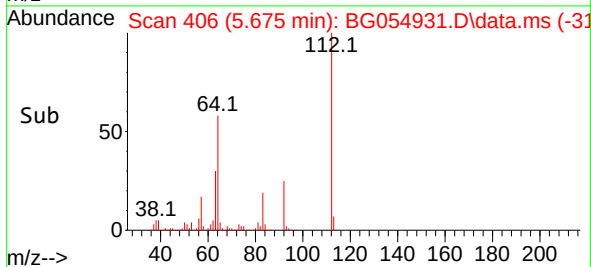
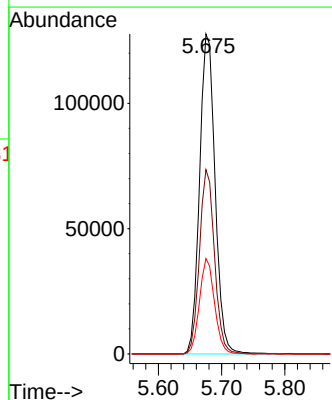
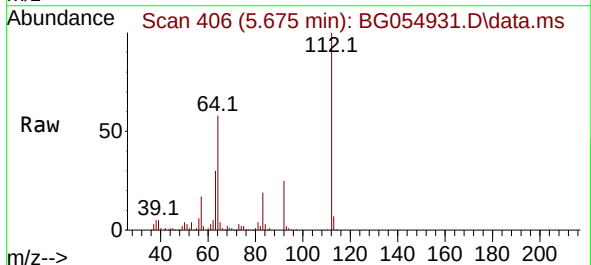
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-10

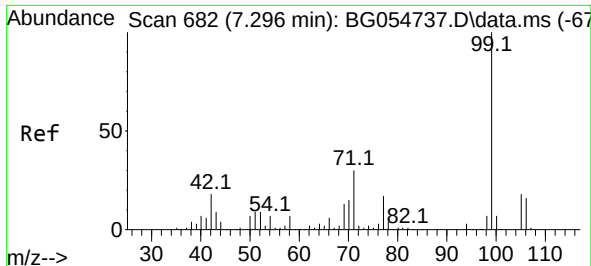
Tgt Ion:152 Resp: 42259
Ion Ratio Lower Upper
152 100
150 151.8 125.2 187.8
115 56.4 47.9 71.9



#5
2-Fluorophenol
Concen: 89.577 ng
RT: 5.675 min Scan# 406
Delta R.T. -0.009 min
Lab File: BG054931.D
Acq: 13 Sep 2022 21:09

Tgt Ion:112 Resp: 217384
Ion Ratio Lower Upper
112 100
64 57.6 49.3 73.9
63 29.8 26.3 39.5

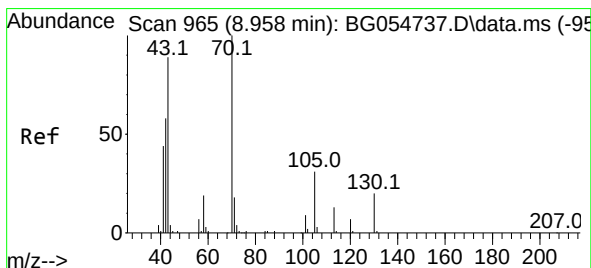
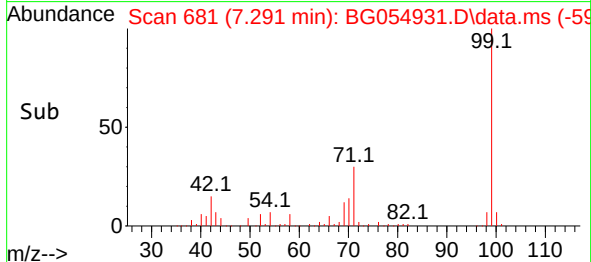
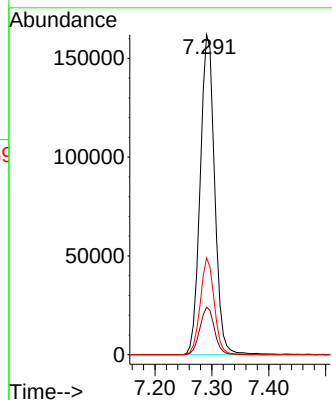
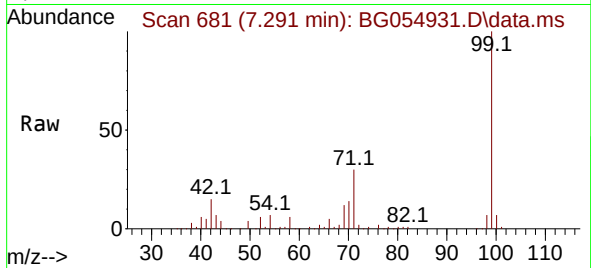




#7
Phenol-d6
Concen: 86.400 ng
RT: 7.291 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG054931.D
Acq: 13 Sep 2022 21:09

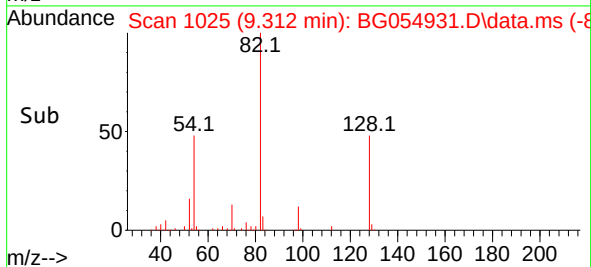
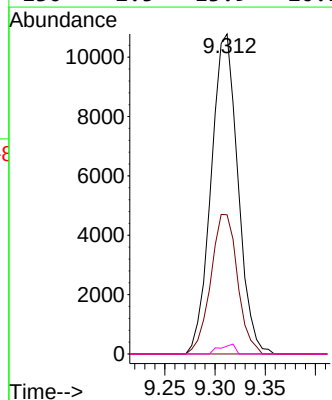
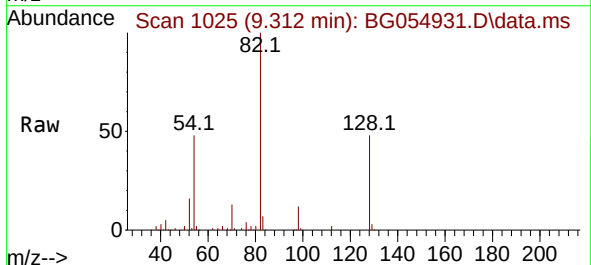
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-10

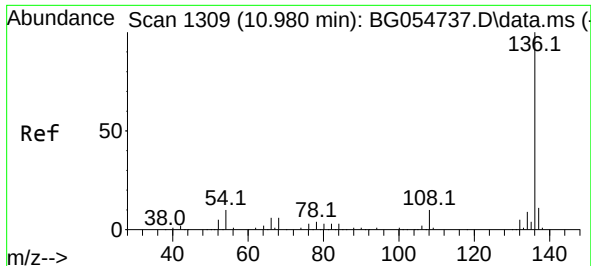
Tgt Ion: 99 Resp: 286747
Ion Ratio Lower Upper
99 100
42 14.9 14.6 22.0
71 30.2 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 8.769 ng
RT: 9.312 min Scan# 1025
Delta R.T. 0.361 min
Lab File: BG054931.D
Acq: 13 Sep 2022 21:09

Tgt Ion: 70 Resp: 20013
Ion Ratio Lower Upper
70 100
42 43.5 46.6 69.8#
101 0.0 7.7 11.5#
130 2.5 13.9 20.9#

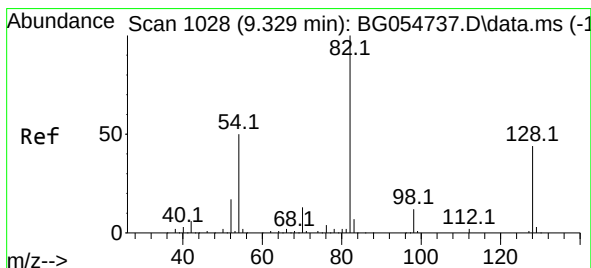
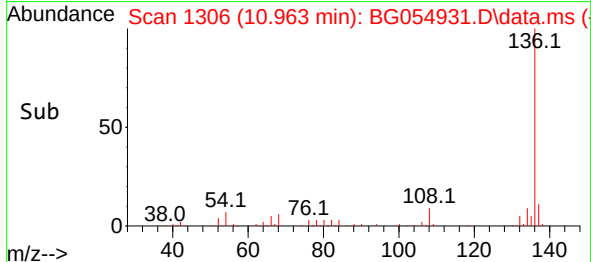
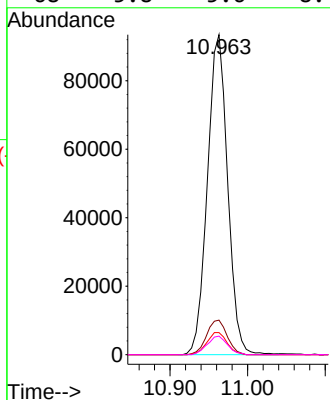
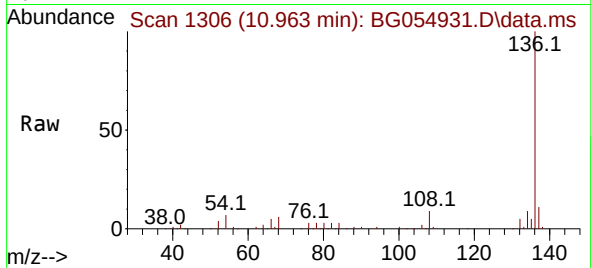




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.963 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG054931.D
Acq: 13 Sep 2022 21:09

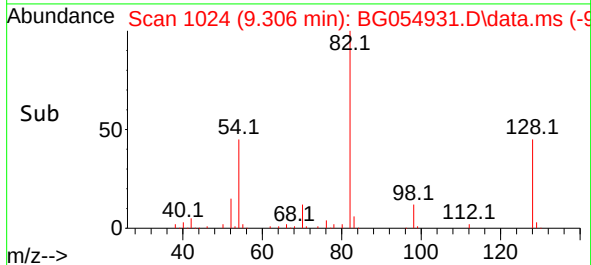
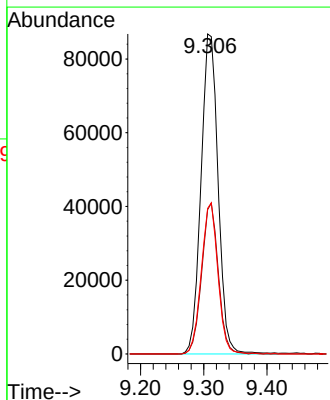
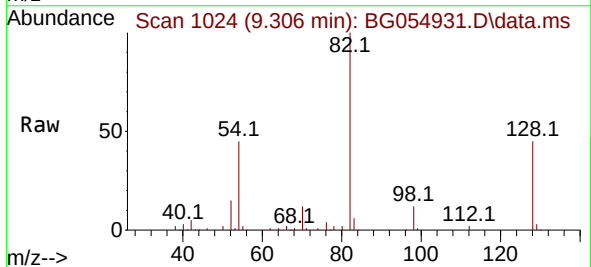
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-10

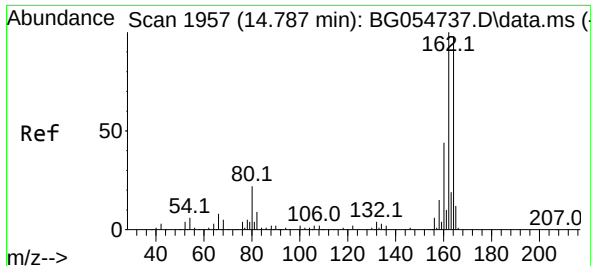
Tgt Ion:	136	Resp:	169550
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.2	13.8
54	6.9	7.7	11.5
68	5.8	5.6	8.4



#23
Nitrobenzene-d5
Concen: 50.354 ng
RT: 9.306 min Scan# 1024
Delta R.T. -0.015 min
Lab File: BG054931.D
Acq: 13 Sep 2022 21:09

Tgt Ion:	82	Resp:	162629
Ion Ratio	Lower	Upper	
82	100		
128	45.1	32.2	48.2
54	45.5	41.4	62.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.770 min Scan# 11

Delta R.T. -0.009 min

Lab File: BG054931.D

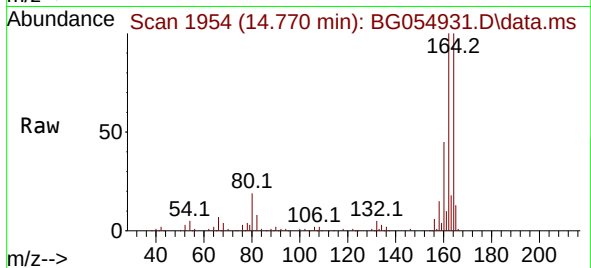
Acq: 13 Sep 2022 21:09

Instrument :

BNA_G

ClientSampleId :

CHERRY-HILL-COMP-10



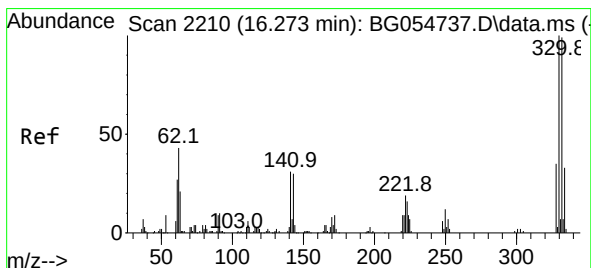
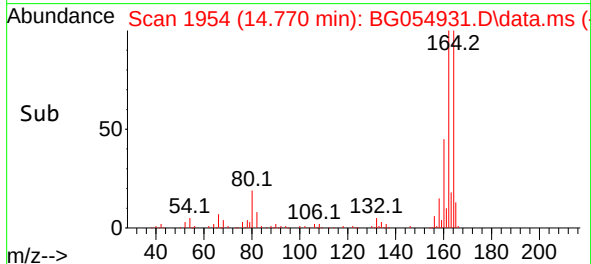
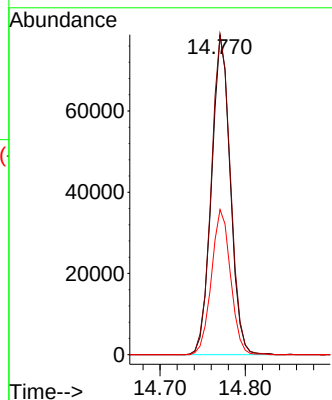
Tgt Ion:164 Resp: 119657

Ion Ratio Lower Upper

164 100

162 100.2 83.0 124.4

160 45.4 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 96.519 ng

RT: 16.263 min Scan# 2208

Delta R.T. -0.009 min

Lab File: BG054931.D

Acq: 13 Sep 2022 21:09

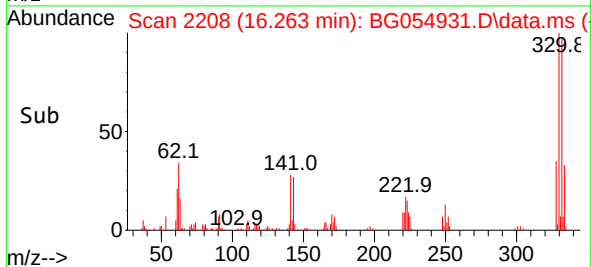
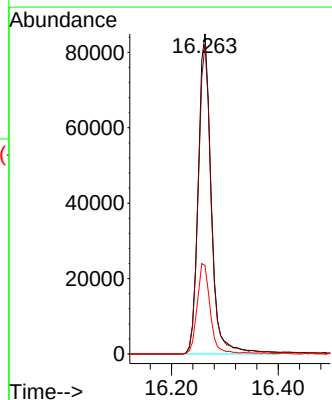
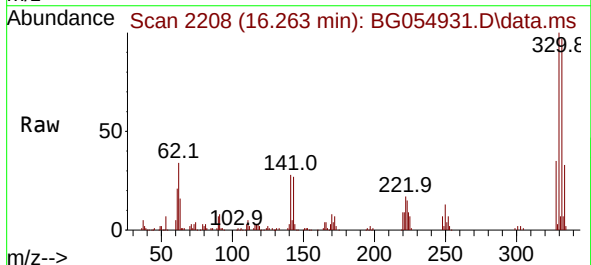
Tgt Ion:330 Resp: 144315

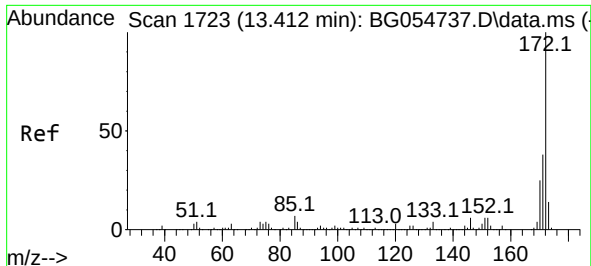
Ion Ratio Lower Upper

330 100

332 97.3 79.8 119.6

141 28.0 26.8 40.2

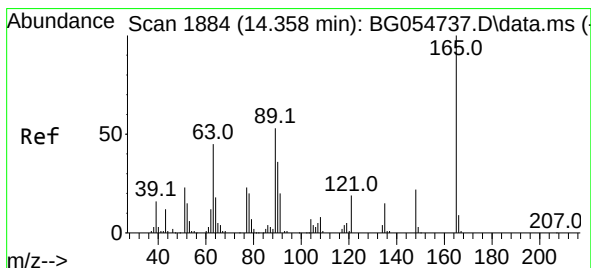
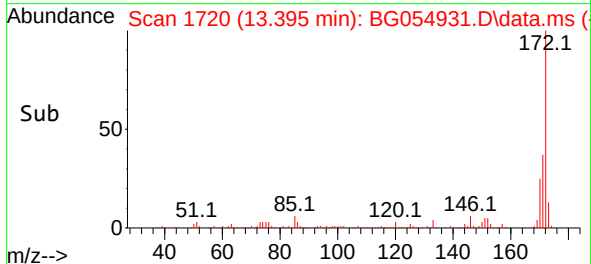
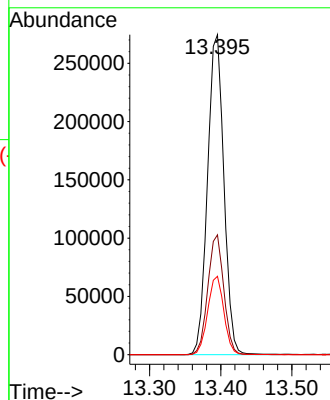
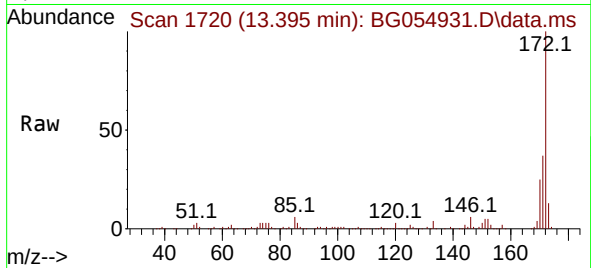




#45
2-Fluorobiphenyl
Concen: 55.256 ng
RT: 13.395 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG054931.D
Acq: 13 Sep 2022 21:09

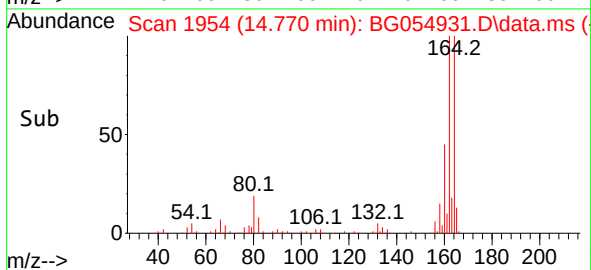
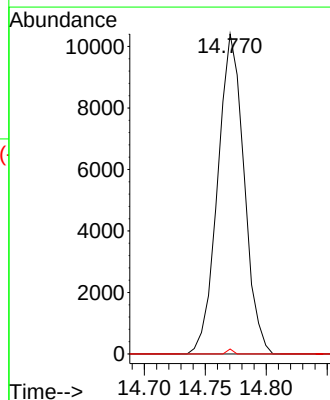
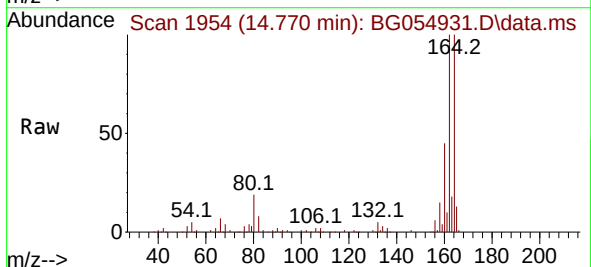
Instrument :
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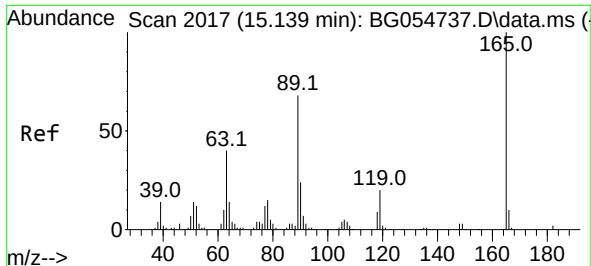
Tgt Ion:172 Resp: 439901
Ion Ratio Lower Upper
172 100
171 37.4 31.2 46.8
170 24.5 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.321 ng
RT: 14.770 min Scan# 1954
Delta R.T. 0.414 min
Lab File: BG054931.D
Acq: 13 Sep 2022 21:09

Tgt Ion:165 Resp: 15690
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 1.5 50.3 75.5#

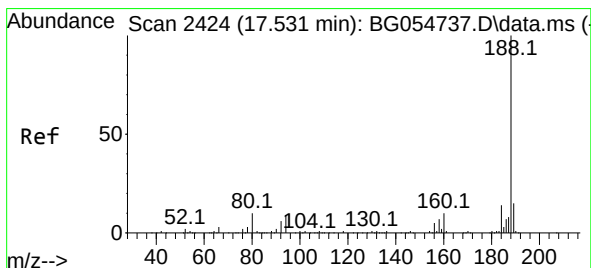
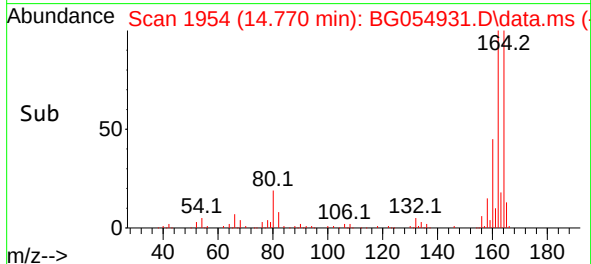
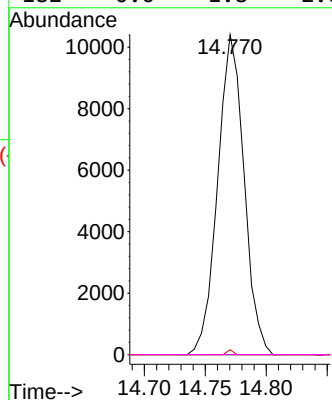
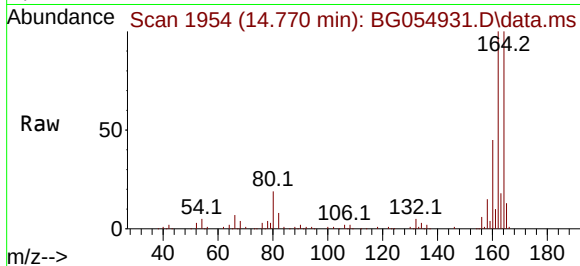




#57
2,4-Dinitrotoluene
Concen: 6.016 ng
RT: 14.770 min Scan# 1954
Delta R.T. -0.373 min
Lab File: BG054931.D
Acq: 13 Sep 2022 21:09

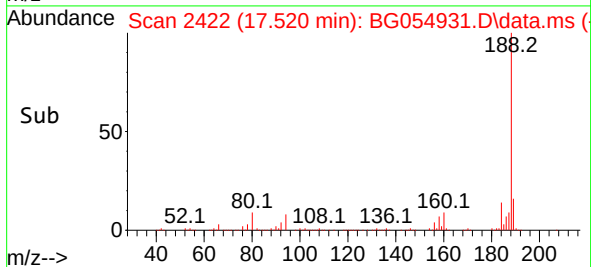
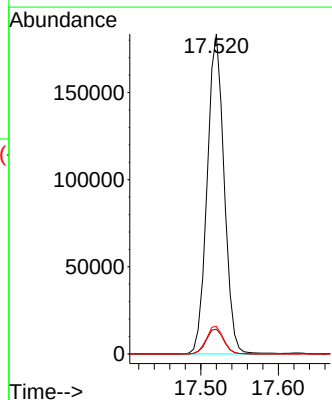
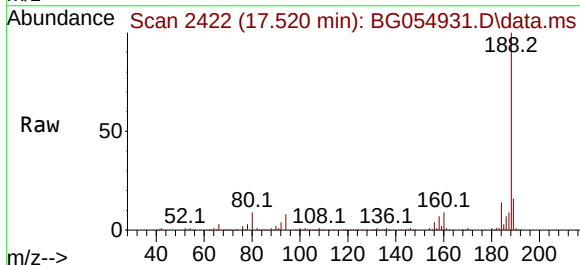
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BNA_G
ClientSampleId :
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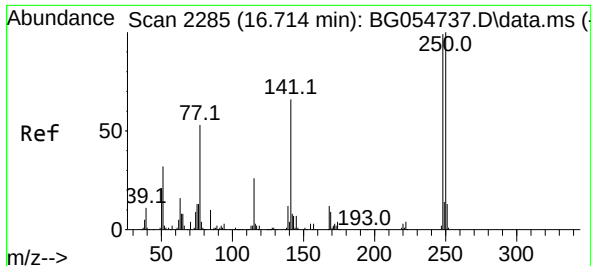
Tgt Ion:165 Resp: 15690
Ion Ratio Lower Upper
165 100
63 0.0 36.8 55.2#
89 1.5 64.3 96.5#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.520 min Scan# 2422
Delta R.T. -0.009 min
Lab File: BG054931.D
Acq: 13 Sep 2022 21:09

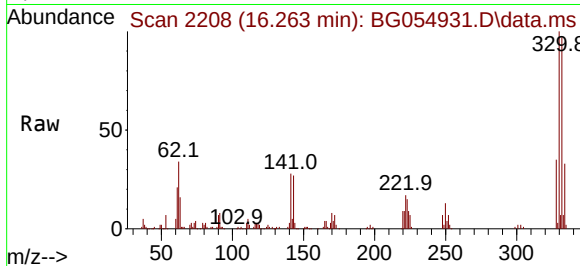
Tgt Ion:188 Resp: 278288
Ion Ratio Lower Upper
188 100
94 7.7 7.0 10.4
80 8.6 7.9 11.9



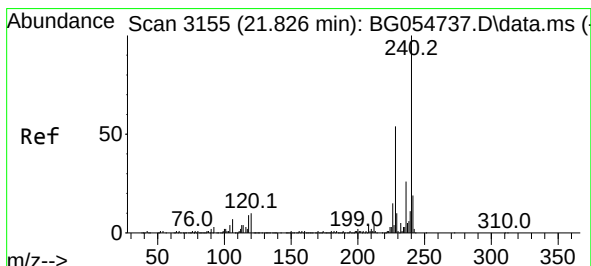
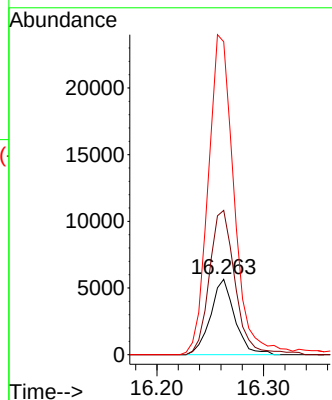
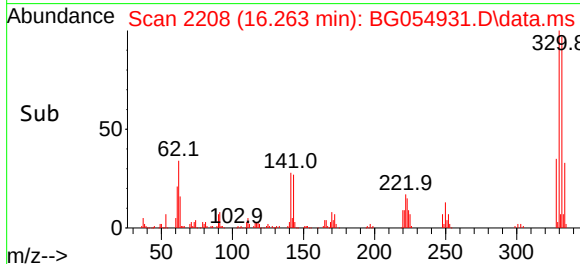


#67
4-Bromophenyl-phenylether
Concen: 2.920 ng
RT: 16.263 min Scan# 21
Delta R.T. -0.444 min
Lab File: BG054931.D
Acq: 13 Sep 2022 21:09

Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-10

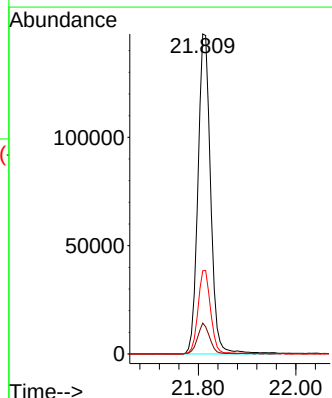
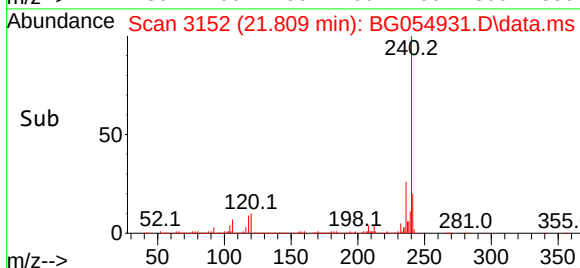
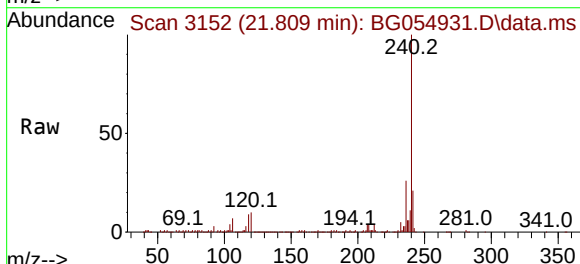


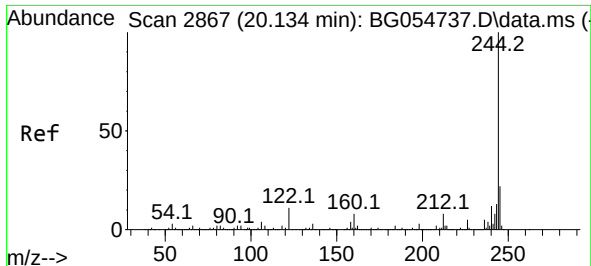
Tgt Ion:248 Resp: 8923
Ion Ratio Lower Upper
248 100
250 191.4 78.8 118.2#
141 414.8 51.9 77.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.809 min Scan# 3152
Delta R.T. -0.015 min
Lab File: BG054931.D
Acq: 13 Sep 2022 21:09

Tgt Ion:240 Resp: 267854
Ion Ratio Lower Upper
240 100
120 9.6 8.2 12.4
236 26.0 21.2 31.8

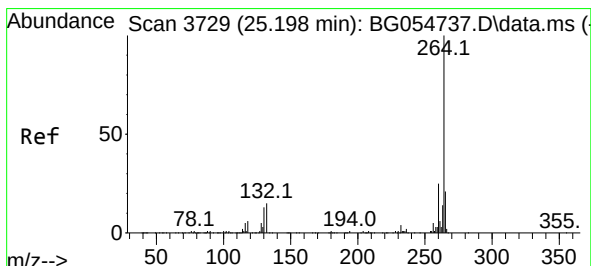
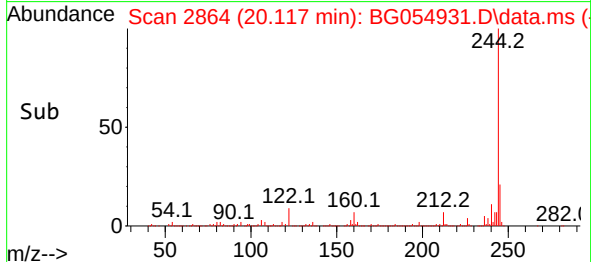
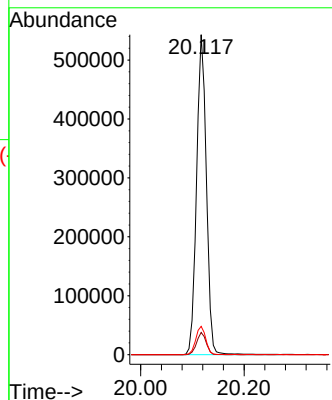
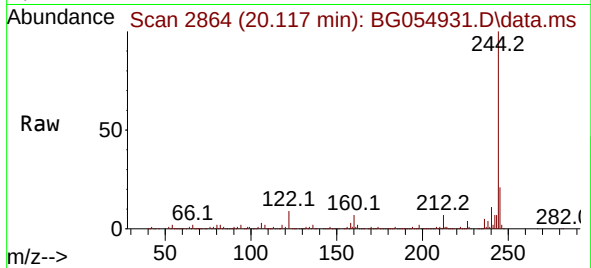




#79
 Terphenyl-d14
 Concen: 52.766 ng
 RT: 20.117 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG054931.D
 Acq: 13 Sep 2022 21:09

Instrument :
 BNA_G
 ClientSampleId :
 CHERRY-HILL-COMP-10

Tgt Ion:244 Resp: 713322
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.2
 122 8.9 9.0 13.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.187 min Scan# 3727
 Delta R.T. -0.015 min
 Lab File: BG054931.D
 Acq: 13 Sep 2022 21:09

Tgt Ion:264 Resp: 282620
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.9 29.9
 265 21.5 16.9 25.3

