

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091322\
 Data File : BG054930.D
 Acq On : 13 Sep 2022 20:26
 Operator : CG/JU
 Sample : N4578-36
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CHERRY-HILL-COMP-9

Quant Time: Sep 14 03:22:46 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)

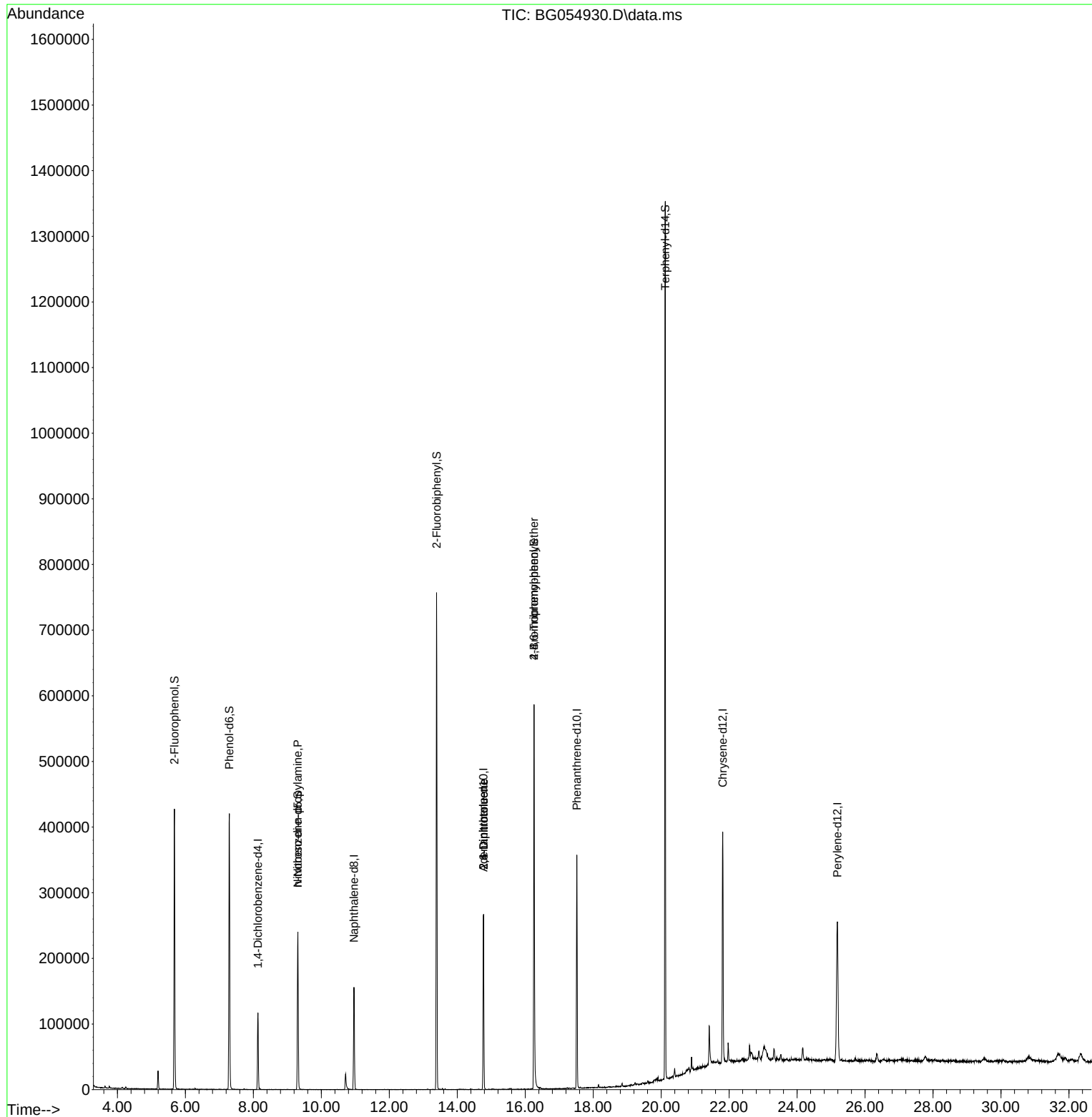
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.135	152	37293	20.000	ng	-0.01
21) Naphthalene-d8	10.961	136	148482	20.000	ng	#-0.01
39) Acenaphthene-d10	14.768	164	103720	20.000	ng	-0.01
64) Phenanthrene-d10	17.518	188	241623	20.000	ng	-0.01
76) Chrysene-d12	21.813	240	234091	20.000	ng	-0.01
86) Perylene-d12	25.186	264	247719	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.679	112	216172	100.939	ng	0.00
7) Phenol-d6	7.295	99	286777	97.916	ng	0.00
23) Nitrobenzene-d5	9.310	82	157909	55.829	ng	-0.01
42) 2,4,6-Tribromophenol	16.261	330	147606	113.889	ng	-0.01
45) 2-Fluorobiphenyl	13.394	172	424018	61.445	ng	-0.01
79) Terphenyl-d14	20.121	244	713814	60.419	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.310	70	19408	9.636	ng	# 79
51) 2,6-Dinitrotoluene	14.774	165	13858	8.479	ng	# 20
57) 2,4-Dinitrotoluene	14.774	165	13858	6.130	ng	# 18
67) 4-Bromophenyl-phenylether	16.261	248	8912	3.359	ng	# 1

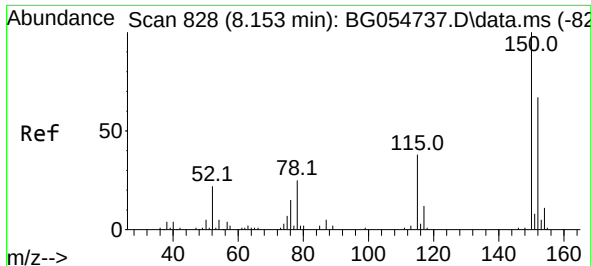
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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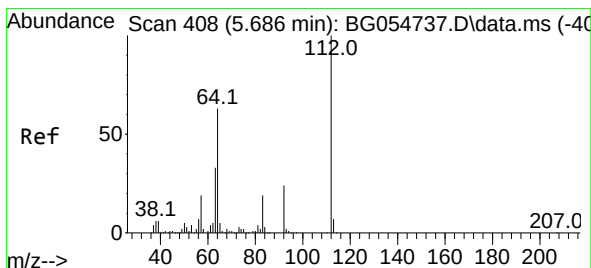
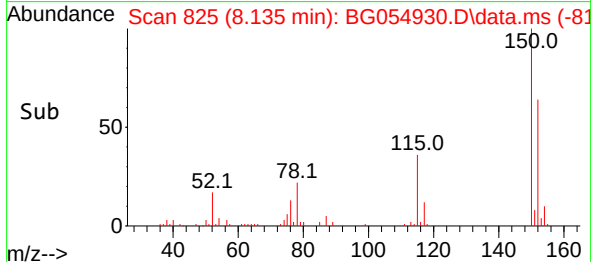
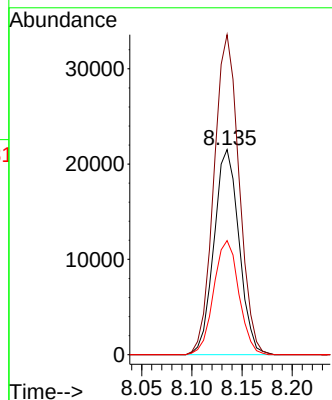
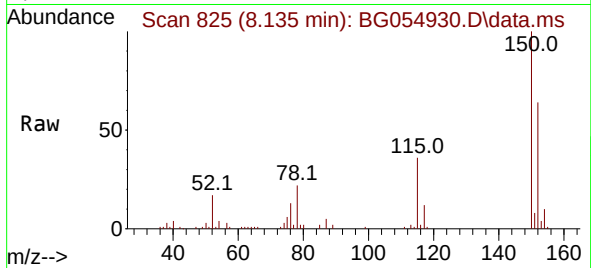




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.135 min Scan# 81
Delta R.T. -0.011 min
Lab File: BG054930.D
Acq: 13 Sep 2022 20:26

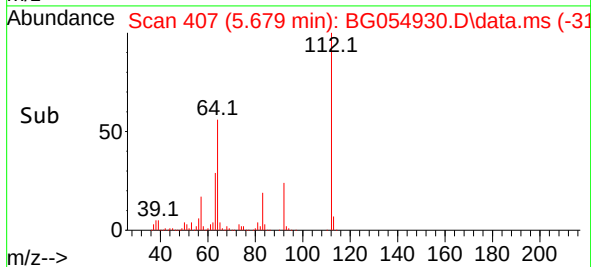
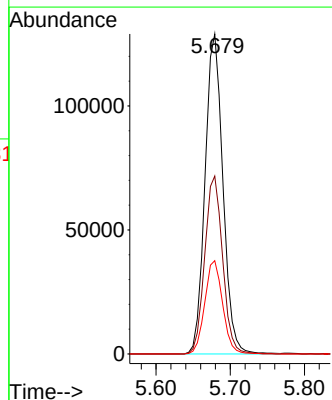
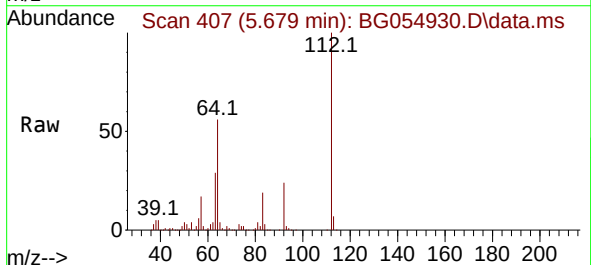
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-9

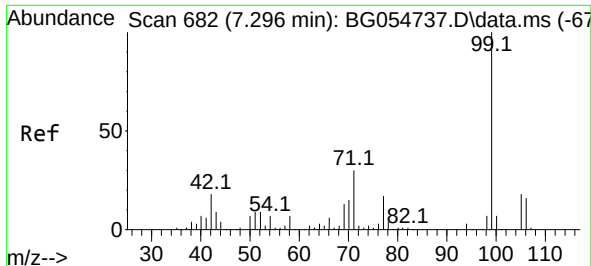
Tgt Ion:152 Resp: 37293
Ion Ratio Lower Upper
152 100
150 156.1 125.2 187.8
115 55.6 47.9 71.9



#5
2-Fluorophenol
Concen: 100.939 ng
RT: 5.679 min Scan# 407
Delta R.T. -0.005 min
Lab File: BG054930.D
Acq: 13 Sep 2022 20:26

Tgt Ion:112 Resp: 216172
Ion Ratio Lower Upper
112 100
64 55.6 49.3 73.9
63 29.1 26.3 39.5

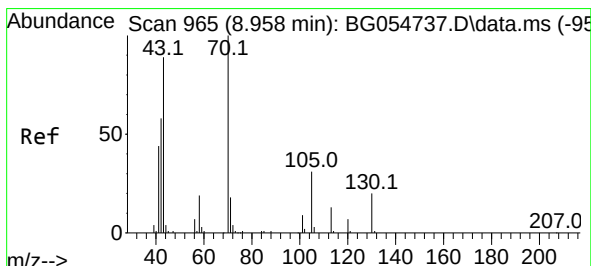
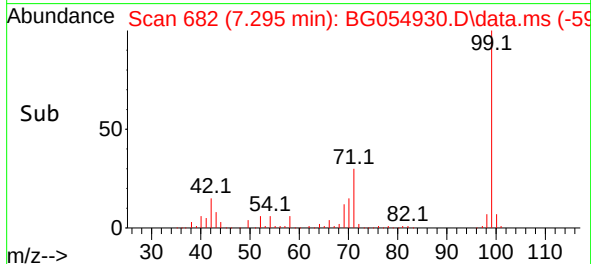
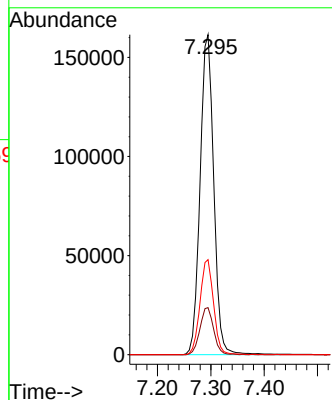
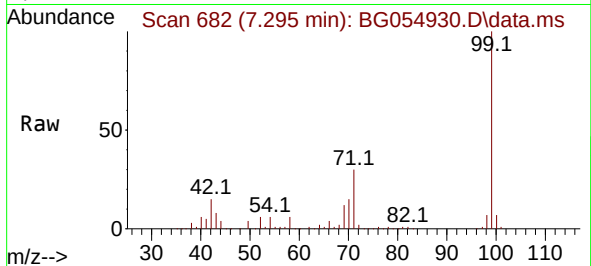




#7
Phenol-d6
Concen: 97.916 ng
RT: 7.295 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG054930.D
Acq: 13 Sep 2022 20:26

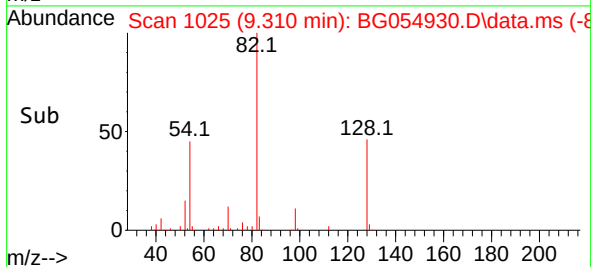
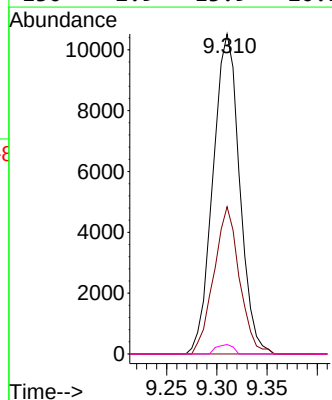
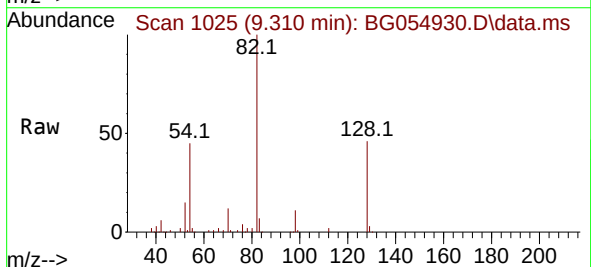
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-9

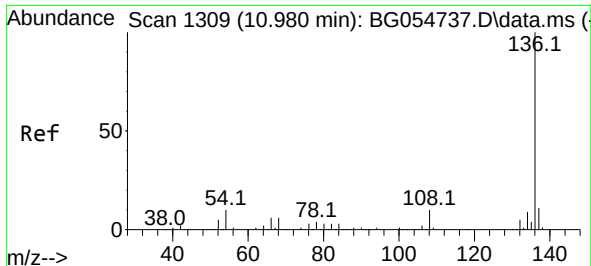
Tgt Ion: 99 Resp: 286777
Ion Ratio Lower Upper
99 100
42 14.7 14.6 22.0
71 29.7 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 9.636 ng
RT: 9.310 min Scan# 1025
Delta R.T. 0.359 min
Lab File: BG054930.D
Acq: 13 Sep 2022 20:26

Tgt Ion: 70 Resp: 19408
Ion Ratio Lower Upper
70 100
42 46.0 46.6 69.8#
101 0.0 7.7 11.5#
130 2.9 13.9 20.9#

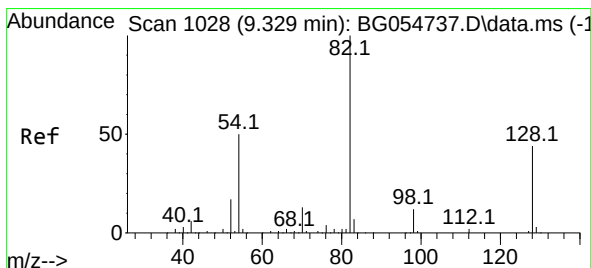
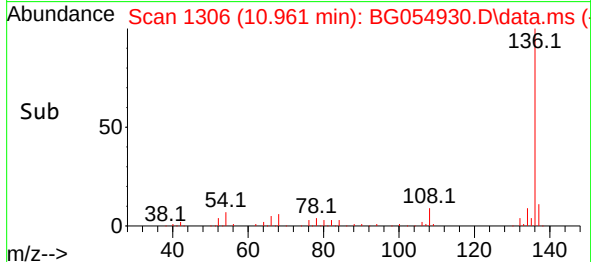
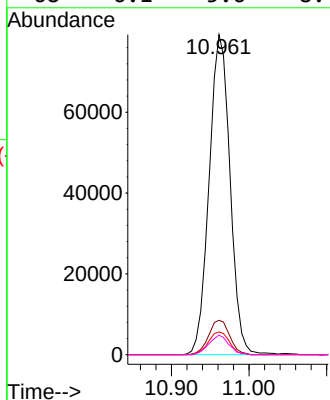
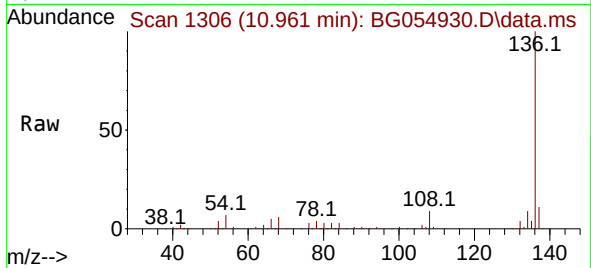




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.961 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG054930.D
Acq: 13 Sep 2022 20:26

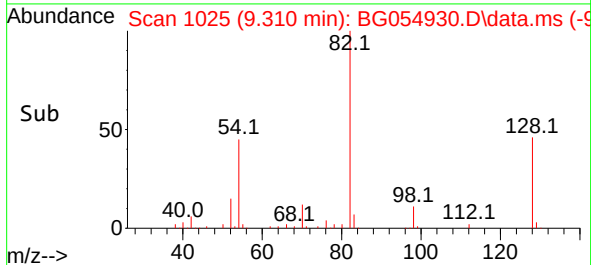
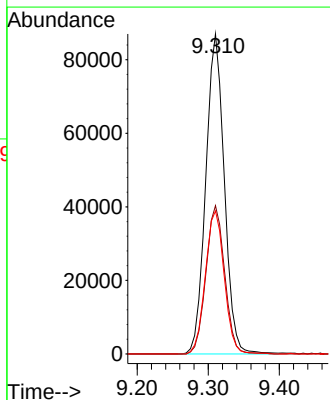
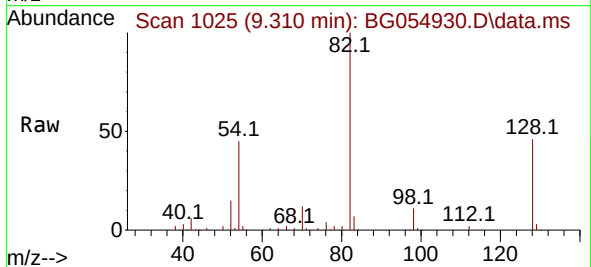
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-9

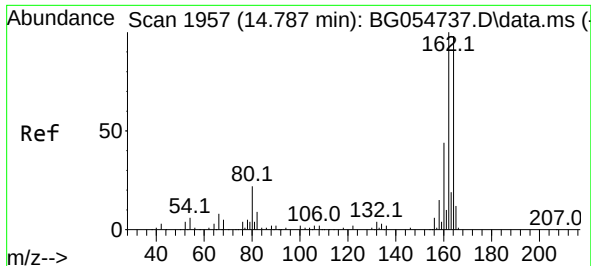
Tgt Ion:	136	Resp:	148482
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.2	13.8
54	7.1	7.7	11.5
68	6.1	5.6	8.4



#23
Nitrobenzene-d5
Concen: 55.829 ng
RT: 9.310 min Scan# 1025
Delta R.T. -0.011 min
Lab File: BG054930.D
Acq: 13 Sep 2022 20:26

Tgt Ion:	82	Resp:	157909
Ion Ratio	Lower	Upper	
82	100		
128	46.4	32.2	48.2
54	44.7	41.4	62.0

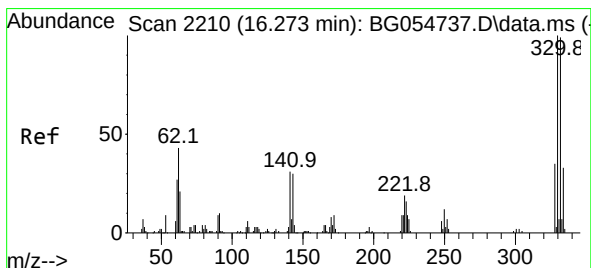
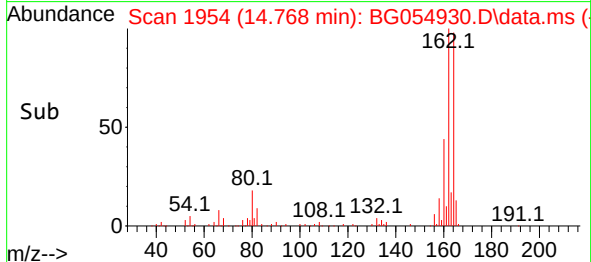
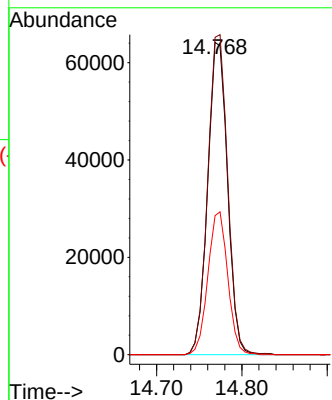
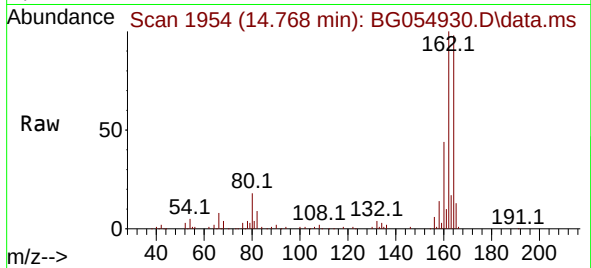




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.768 min Scan# 1954
Delta R.T. -0.011 min
Lab File: BG054930.D
Acq: 13 Sep 2022 20:26

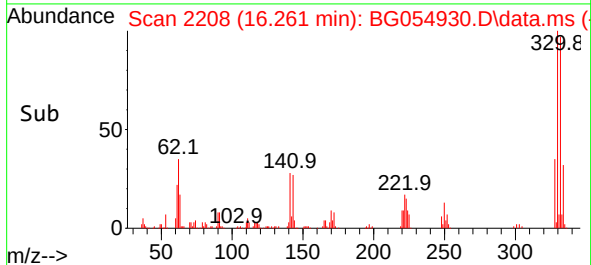
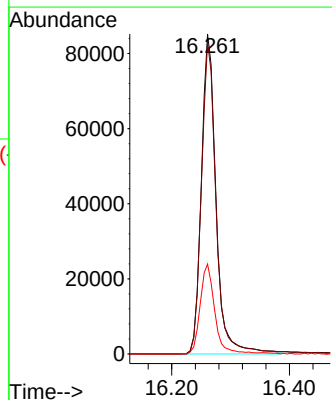
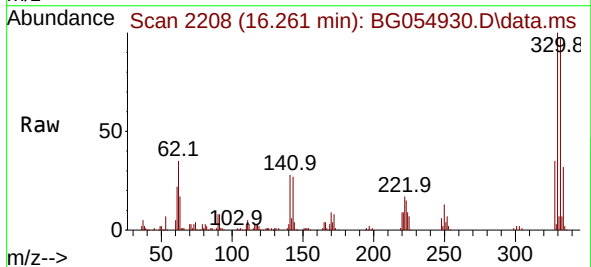
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-9

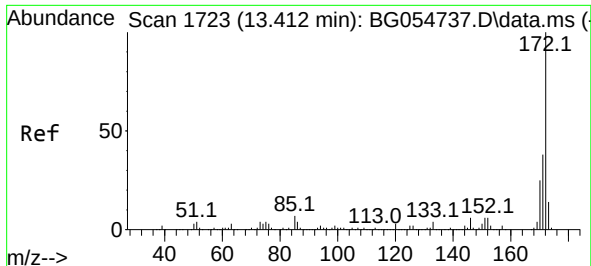
Tgt Ion:164 Resp: 103720
Ion Ratio Lower Upper
164 100
162 101.6 83.0 124.4
160 44.5 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 113.889 ng
RT: 16.261 min Scan# 2208
Delta R.T. -0.011 min
Lab File: BG054930.D
Acq: 13 Sep 2022 20:26

Tgt Ion:330 Resp: 147606
Ion Ratio Lower Upper
330 100
332 98.0 79.8 119.6
141 27.7 26.8 40.2

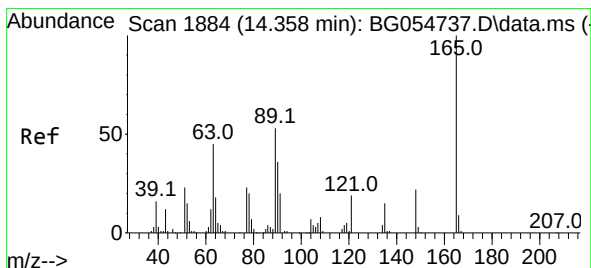
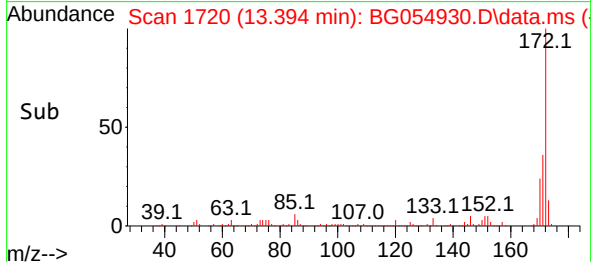
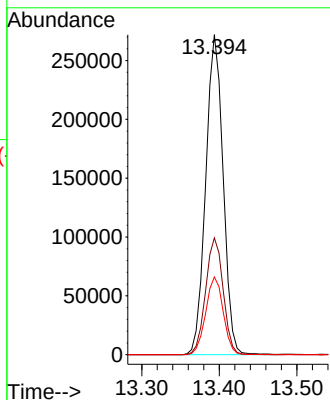
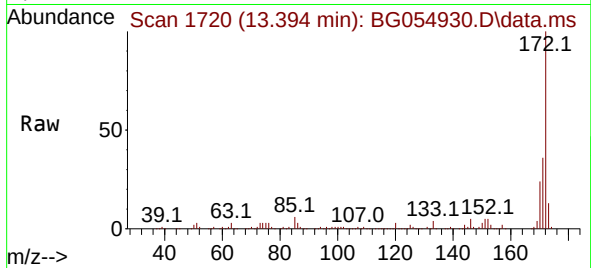




#45
2-Fluorobiphenyl
Concen: 61.445 ng
RT: 13.394 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG054930.D
Acq: 13 Sep 2022 20:26

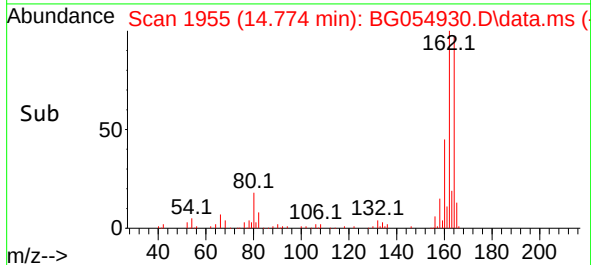
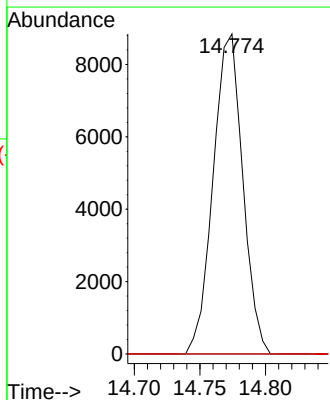
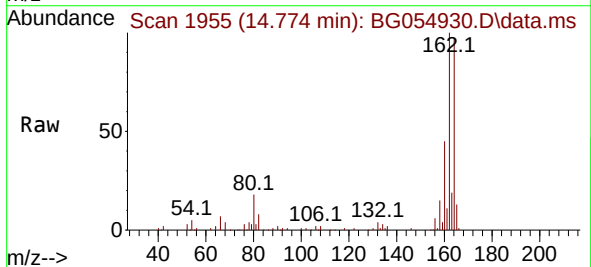
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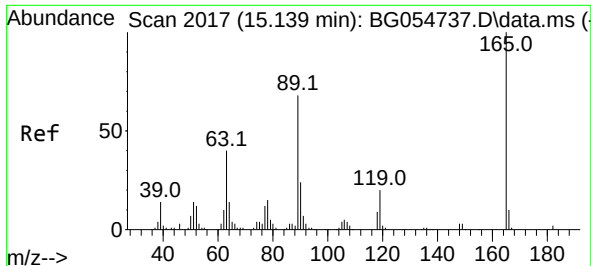
Tgt Ion:172 Resp: 424018
Ion Ratio Lower Upper
172 100
171 36.5 31.2 46.8
170 24.3 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.479 ng
RT: 14.774 min Scan# 1955
Delta R.T. 0.418 min
Lab File: BG054930.D
Acq: 13 Sep 2022 20:26

Tgt Ion:165 Resp: 13858
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 0.0 50.3 75.5#

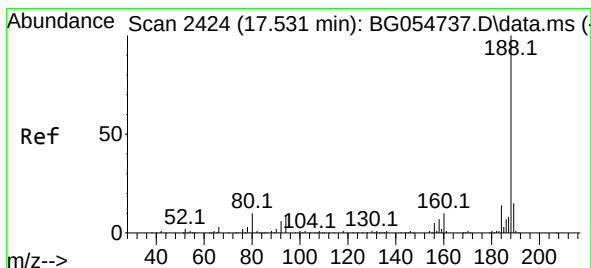
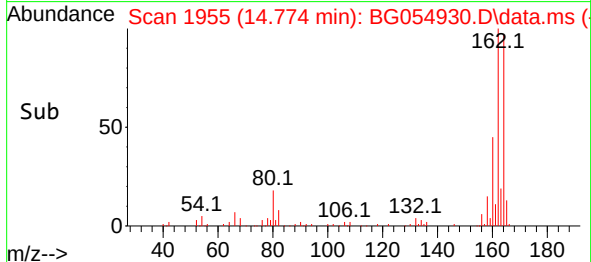
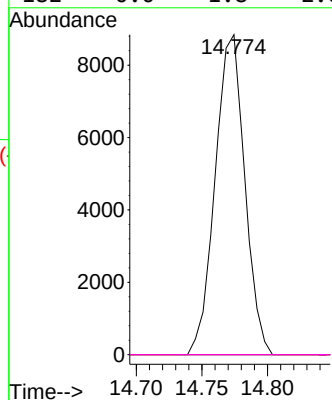
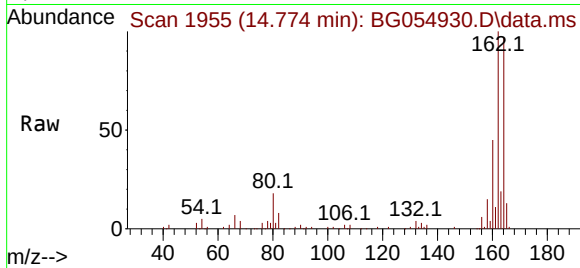




#57
2,4-Dinitrotoluene
Concen: 6.130 ng
RT: 14.774 min Scan# 1955
Delta R.T. -0.369 min
Lab File: BG054930.D
Acq: 13 Sep 2022 20:26

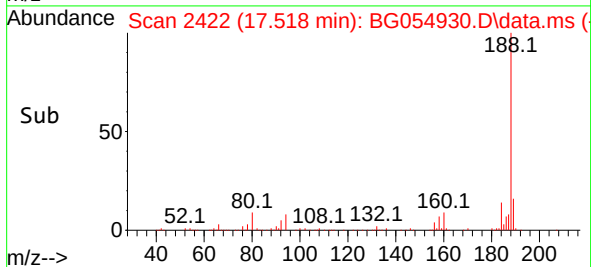
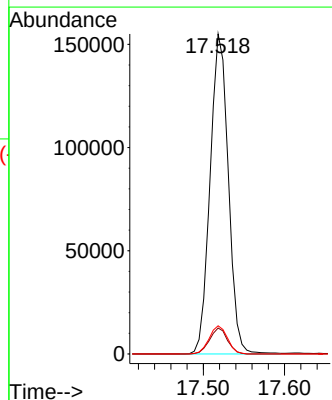
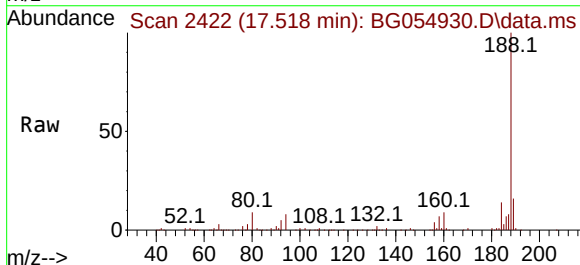
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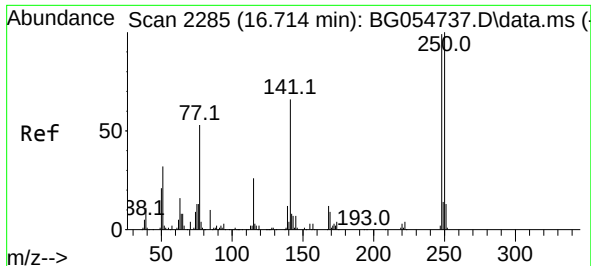
Tgt Ion:165 Resp: 13858
Ion Ratio Lower Upper
165 100
63 0.0 36.8 55.2#
89 0.0 64.3 96.5#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.518 min Scan# 2422
Delta R.T. -0.011 min
Lab File: BG054930.D
Acq: 13 Sep 2022 20:26

Tgt Ion:188 Resp: 241623
Ion Ratio Lower Upper
188 100
94 8.1 7.0 10.4
80 8.8 7.9 11.9

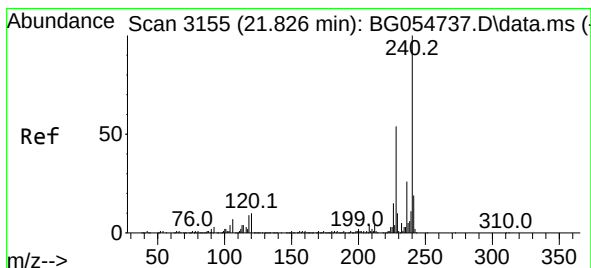
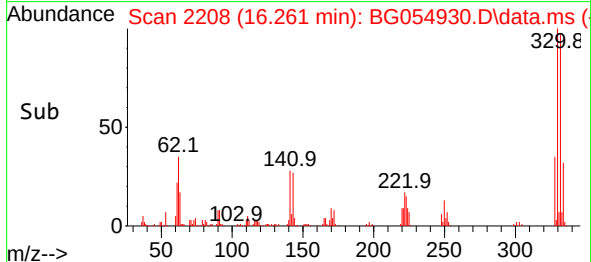
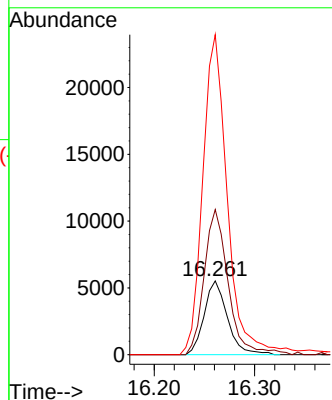
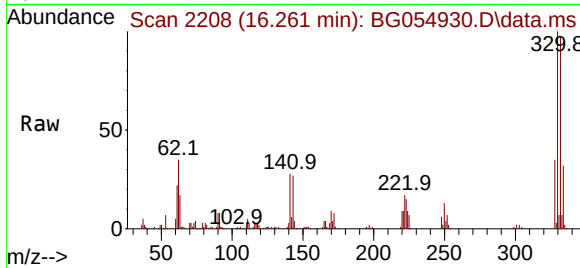




#67
4-Bromophenyl-phenylether
Concen: 3.359 ng
RT: 16.261 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG054930.D
Acq: 13 Sep 2022 20:26

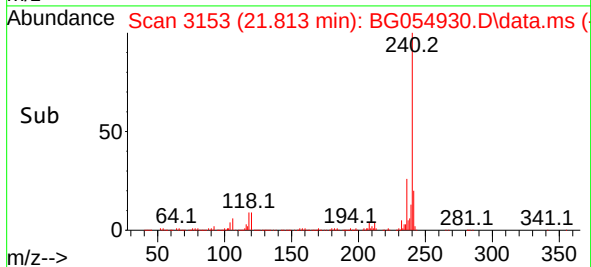
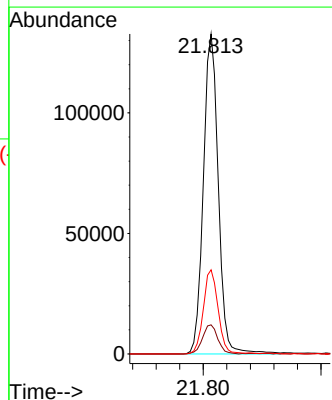
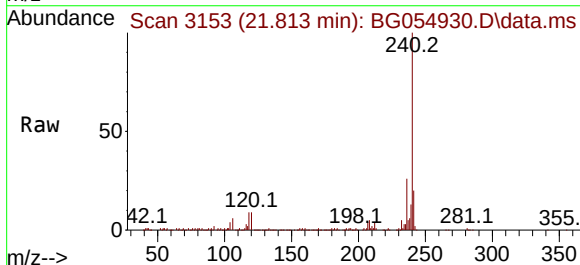
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-9

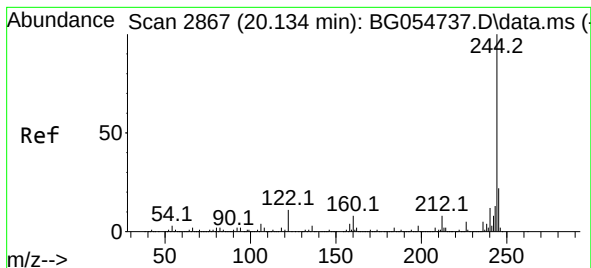
Tgt Ion:248 Resp: 8912
Ion Ratio Lower Upper
248 100
250 196.7 78.8 118.2#
141 433.7 51.9 77.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.813 min Scan# 3153
Delta R.T. -0.011 min
Lab File: BG054930.D
Acq: 13 Sep 2022 20:26

Tgt Ion:240 Resp: 234091
Ion Ratio Lower Upper
240 100
120 9.1 8.2 12.4
236 26.3 21.2 31.8





#79

Terphenyl-d14

Concen: 60.419 ng

RT: 20.121 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG054930.D

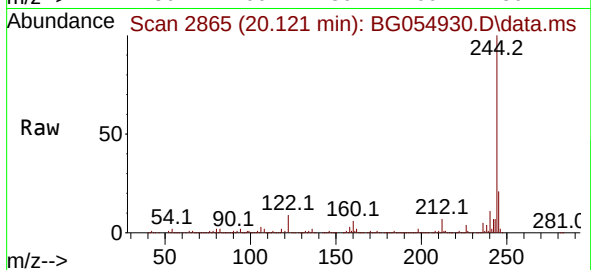
Acq: 13 Sep 2022 20:26

Instrument :

BNA_G

ClientSampleId :

CHERRY-HILL-COMP-9



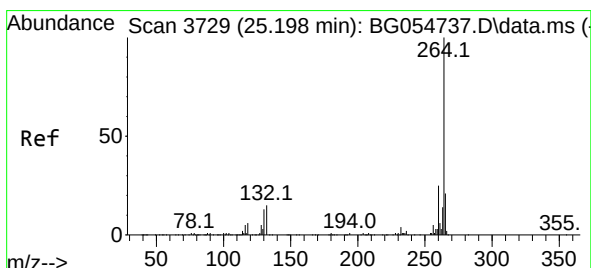
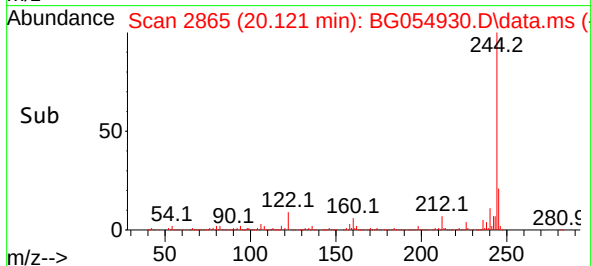
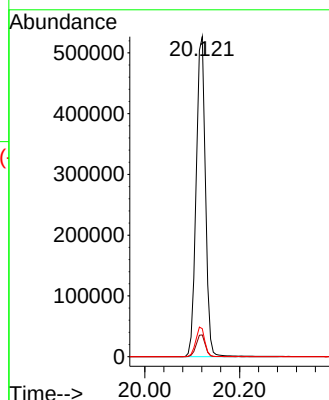
Tgt Ion:244 Resp: 713814

Ion Ratio Lower Upper

244 100

212 6.8 6.2 9.2

122 8.8 9.0 13.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.186 min Scan# 3727

Delta R.T. -0.017 min

Lab File: BG054930.D

Acq: 13 Sep 2022 20:26

Tgt Ion:264 Resp: 247719

Ion Ratio Lower Upper

264 100

260 23.5 19.9 29.9

265 21.6 16.9 25.3

