

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091422\
 Data File : BG054943.D
 Acq On : 14 Sep 2022 14:38
 Operator : CG/JU
 Sample : N4579-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CHERRY-HILL-COMP-13

Quant Time: Sep 15 03:19:51 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)

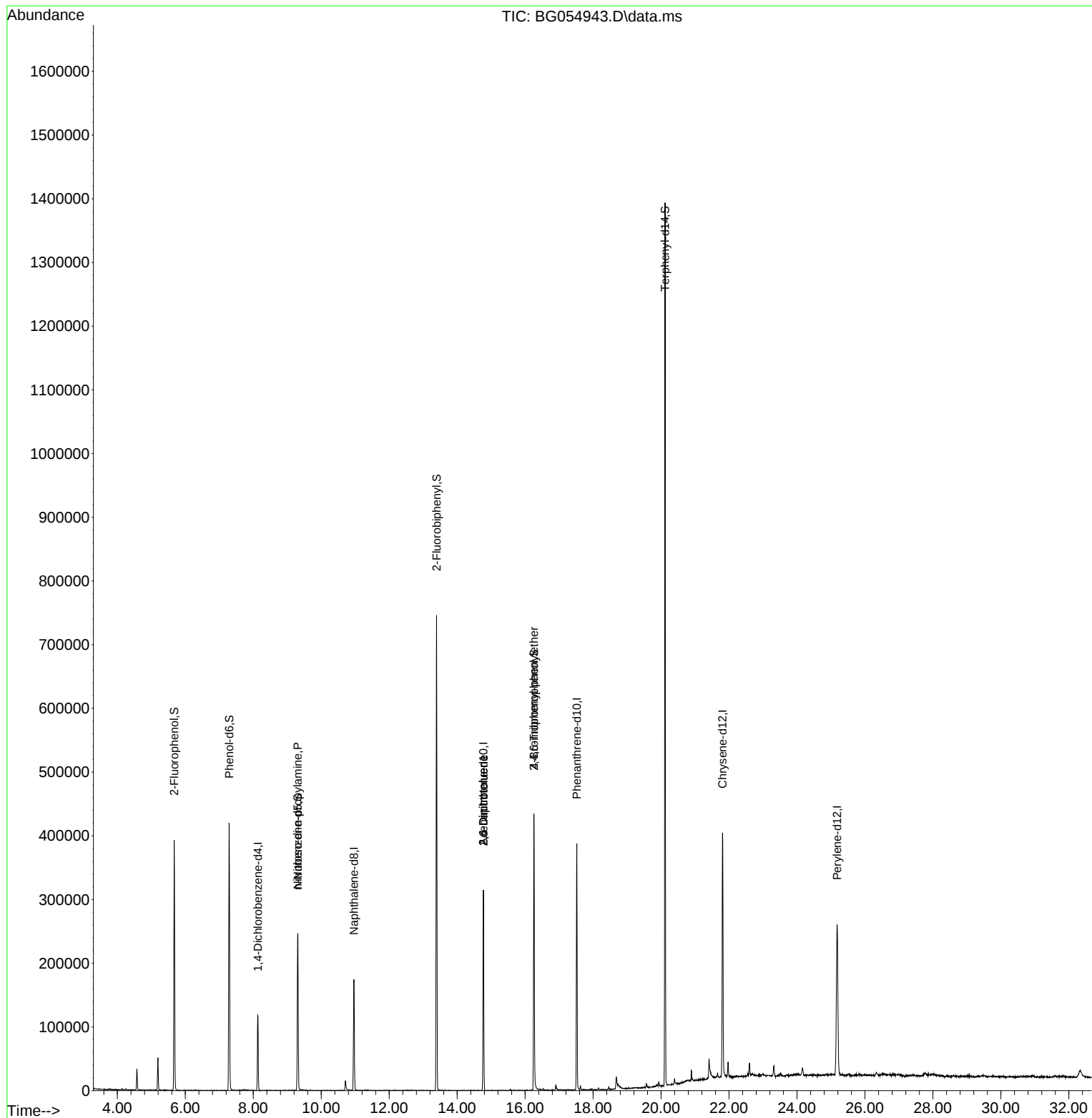
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.130	152	38318	20.000	ng	0.00
21) Naphthalene-d8	10.962	136	162580	20.000	ng	# 0.00
39) Acenaphthene-d10	14.769	164	116481	20.000	ng	0.00
64) Phenanthrene-d10	17.519	188	259890	20.000	ng	0.00
76) Chrysene-d12	21.808	240	257462	20.000	ng	-0.01
86) Perylene-d12	25.180	264	270689	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.674	112	195551	88.868	ng	0.00
7) Phenol-d6	7.290	99	285831	94.982	ng	0.00
23) Nitrobenzene-d5	9.311	82	167001	53.924	ng	0.00
42) 2,4,6-Tribromophenol	16.262	330	111993	76.944	ng	0.00
45) 2-Fluorobiphenyl	13.394	172	418498	54.001	ng	0.00
79) Terphenyl-d14	20.116	244	722729	55.620	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.305	70	20711	10.008	ng	# 75
51) 2,6-Dinitrotoluene	14.769	165	15469	8.428	ng	# 20
57) 2,4-Dinitrotoluene	14.769	165	15469	6.093	ng	# 18
67) 4-Bromophenyl-phenylether	16.256	248	6604	2.314	ng	# 1

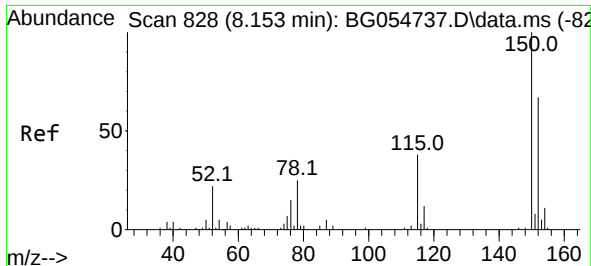
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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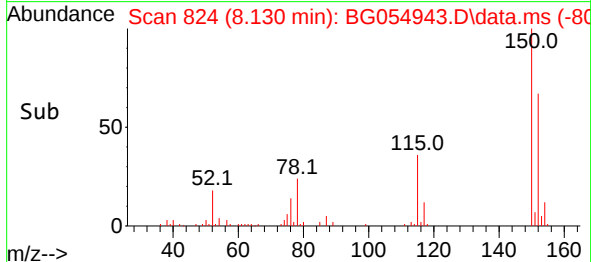
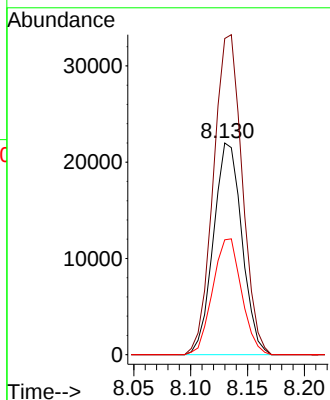
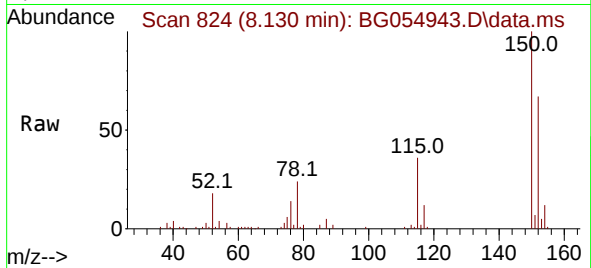




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.130 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG054943.D
Acq: 14 Sep 2022 14:38

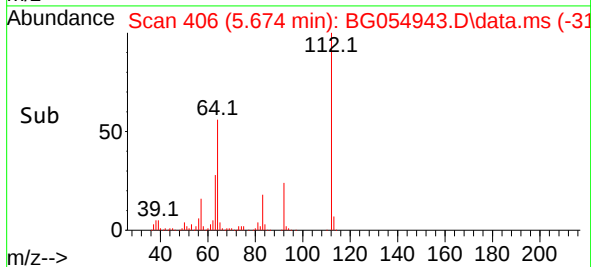
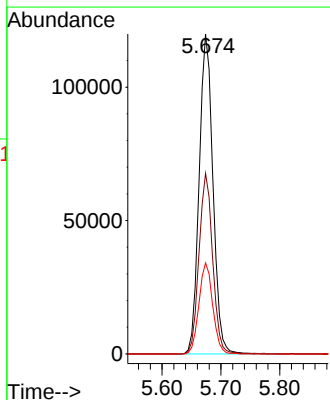
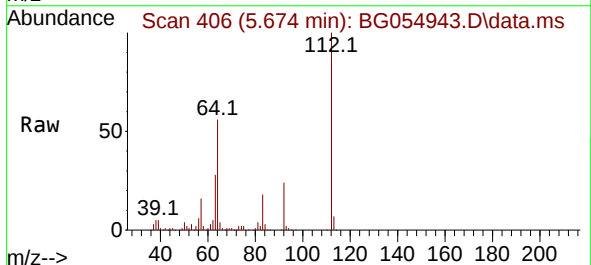
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-13

Tgt Ion:152 Resp: 38318
Ion Ratio Lower Upper
152 100
150 149.4 125.2 187.8
115 54.3 47.9 71.9



#5
2-Fluorophenol
Concen: 88.868 ng
RT: 5.674 min Scan# 406
Delta R.T. 0.001 min
Lab File: BG054943.D
Acq: 14 Sep 2022 14:38

Tgt Ion:112 Resp: 195551
Ion Ratio Lower Upper
112 100
64 56.5 49.3 73.9
63 28.5 26.3 39.5

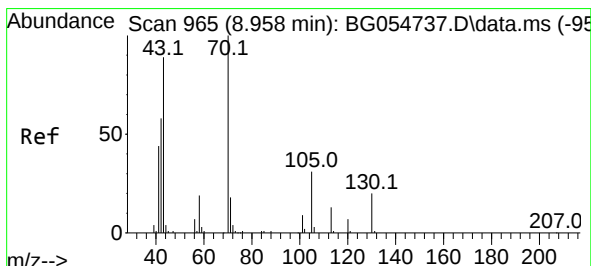
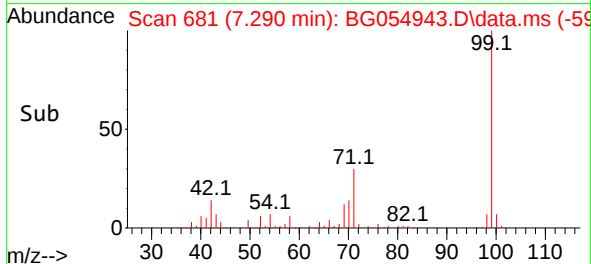
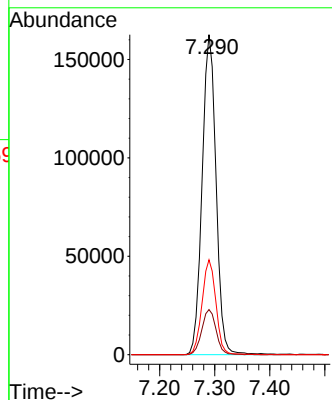
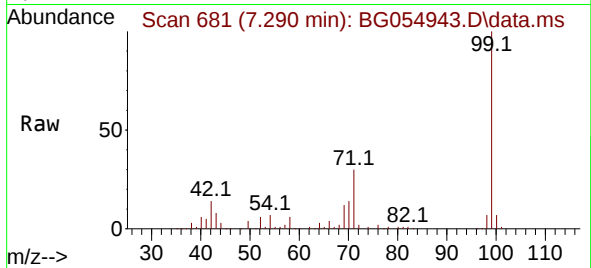




#7
Phenol-d6
Concen: 94.982 ng
RT: 7.290 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG054943.D
Acq: 14 Sep 2022 14:38

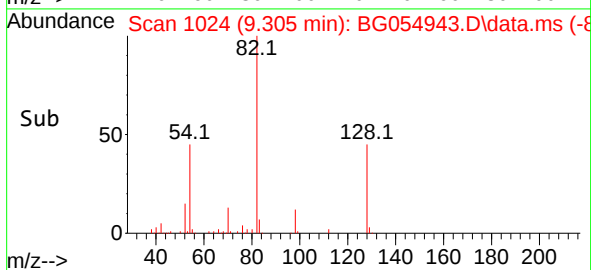
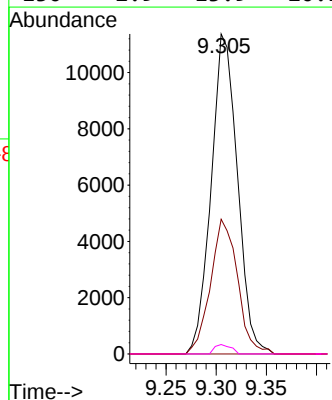
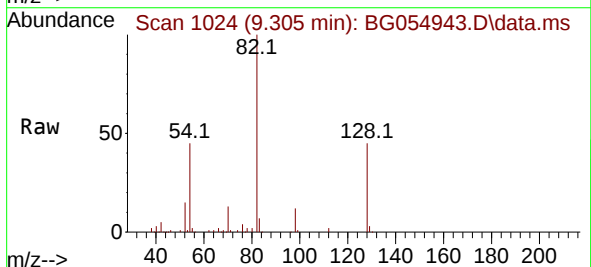
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-13

Tgt Ion: 99 Resp: 285831
Ion Ratio Lower Upper
99 100
42 14.1 14.6 22.0#
71 29.7 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 10.008 ng
RT: 9.305 min Scan# 1024
Delta R.T. 0.365 min
Lab File: BG054943.D
Acq: 14 Sep 2022 14:38

Tgt Ion: 70 Resp: 20711
Ion Ratio Lower Upper
70 100
42 42.1 46.6 69.8#
101 0.0 7.7 11.5#
130 2.9 13.9 20.9#

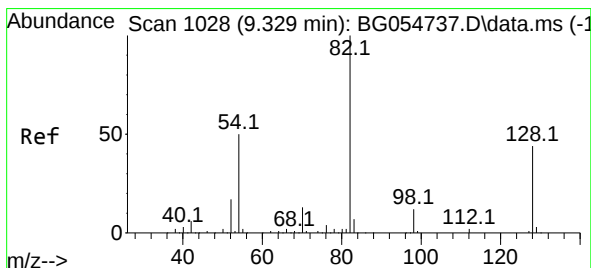
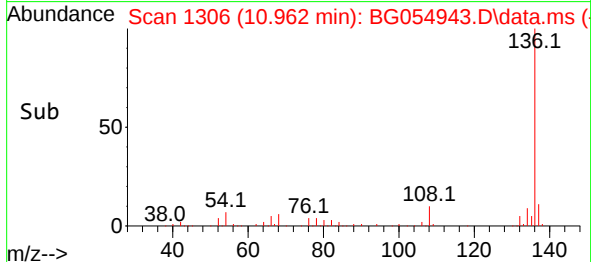
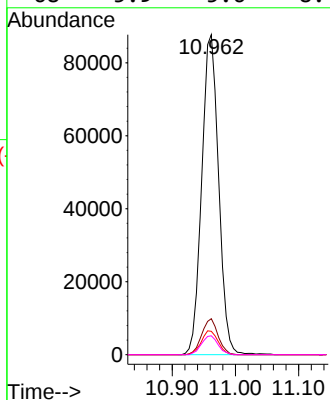
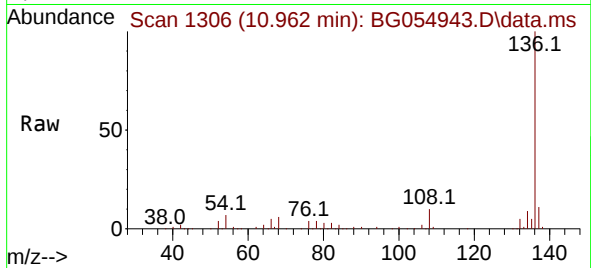




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.962 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG054943.D
Acq: 14 Sep 2022 14:38

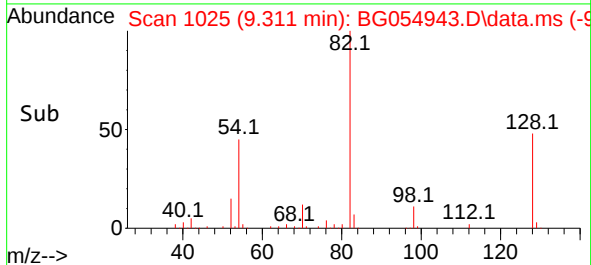
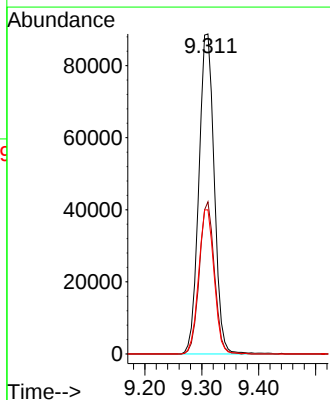
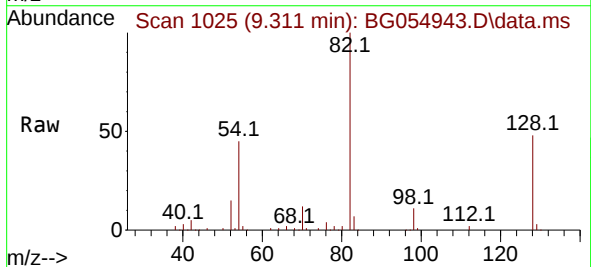
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-13

Tgt Ion:	136	Resp:	162580
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.2	13.8
54	7.3	7.7	11.5#
68	5.9	5.6	8.4



#23
Nitrobenzene-d5
Concen: 53.924 ng
RT: 9.311 min Scan# 1025
Delta R.T. 0.001 min
Lab File: BG054943.D
Acq: 14 Sep 2022 14:38

Tgt Ion:	82	Resp:	167001
Ion Ratio	Lower	Upper	
82	100		
128	47.6	32.2	48.2
54	45.1	41.4	62.0

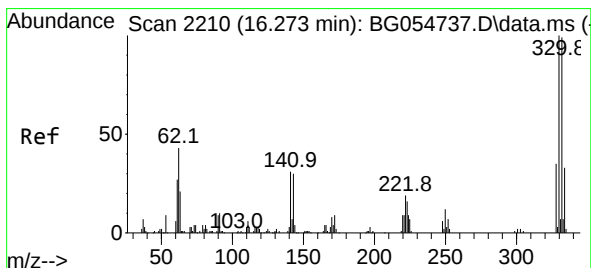
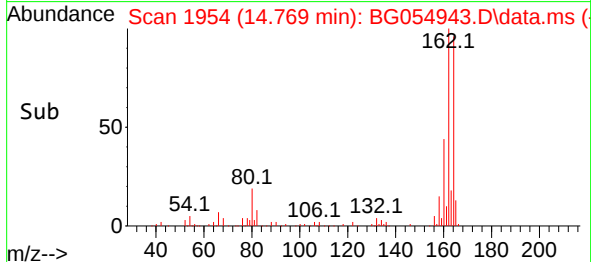
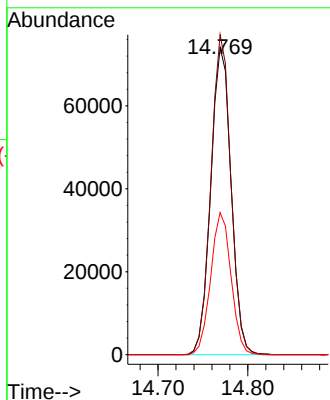
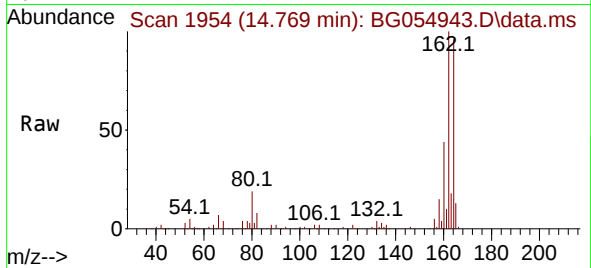




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.769 min Scan# 1954
Delta R.T. -0.005 min
Lab File: BG054943.D
Acq: 14 Sep 2022 14:38

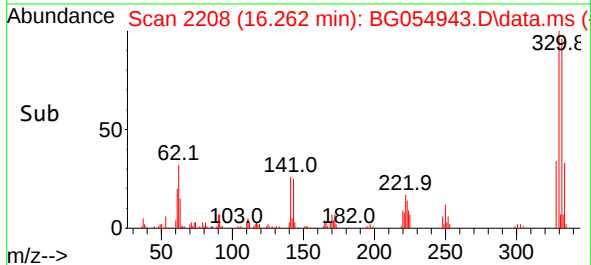
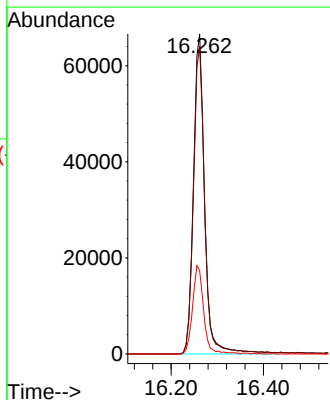
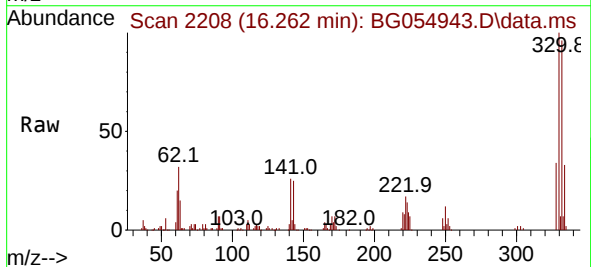
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ClientSampleId :
CHERRY-HILL-COMP-13

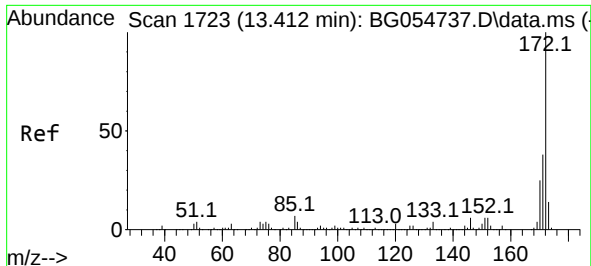
Tgt Ion:164 Resp: 116481
Ion Ratio Lower Upper
164 100
162 104.1 83.0 124.4
160 46.2 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 76.944 ng
RT: 16.262 min Scan# 2208
Delta R.T. 0.001 min
Lab File: BG054943.D
Acq: 14 Sep 2022 14:38

Tgt Ion:330 Resp: 111993
Ion Ratio Lower Upper
330 100
332 96.2 79.8 119.6
141 27.3 26.8 40.2

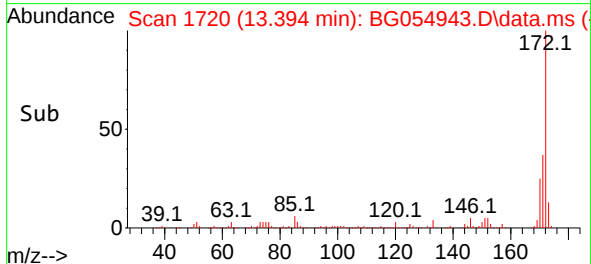
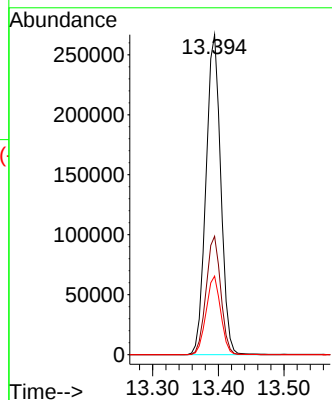
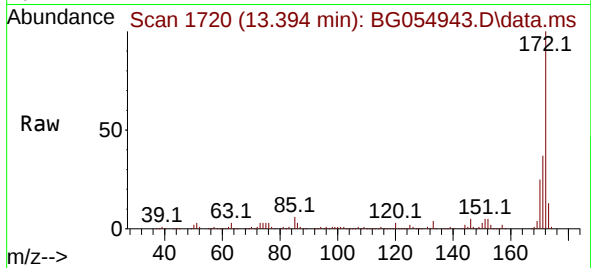




#45
2-Fluorobiphenyl
Concen: 54.001 ng
RT: 13.394 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG054943.D
Acq: 14 Sep 2022 14:38

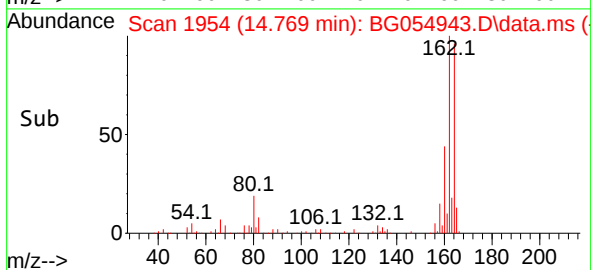
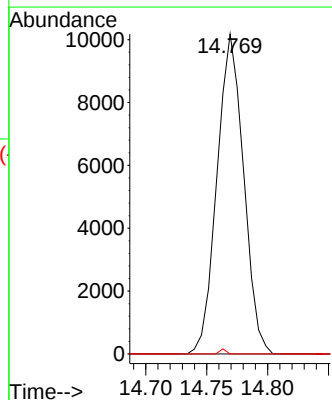
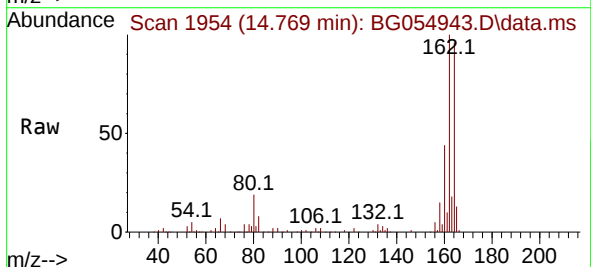
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ClientSampleId :
CHERRY-HILL-COMP-13

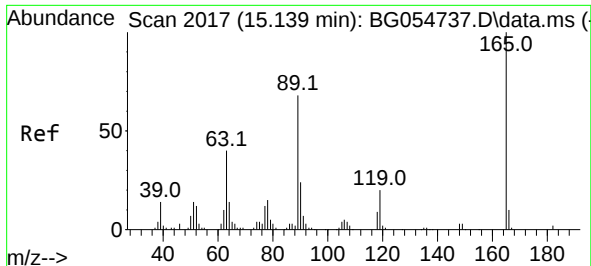
Tgt Ion:172 Resp: 418498
Ion Ratio Lower Upper
172 100
171 37.0 31.2 46.8
170 24.6 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.428 ng
RT: 14.769 min Scan# 1954
Delta R.T. 0.424 min
Lab File: BG054943.D
Acq: 14 Sep 2022 14:38

Tgt Ion:165 Resp: 15469
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 0.0 50.3 75.5#

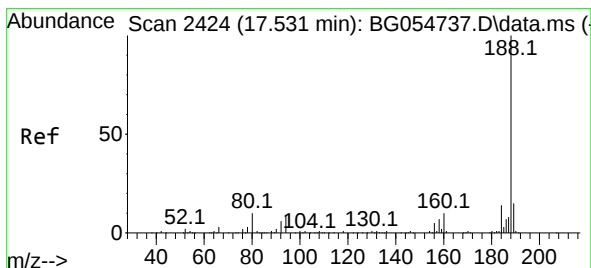
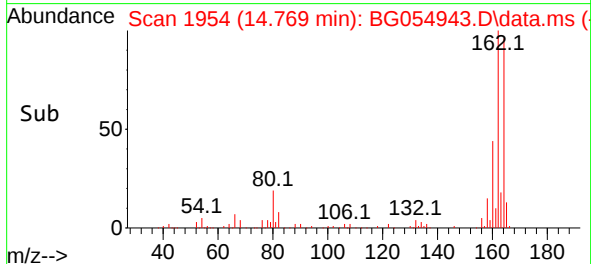
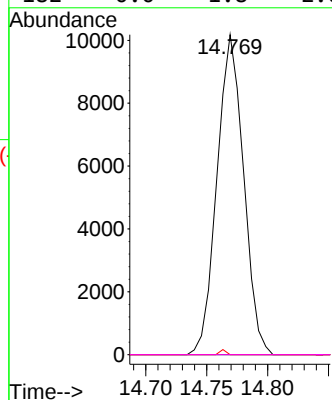
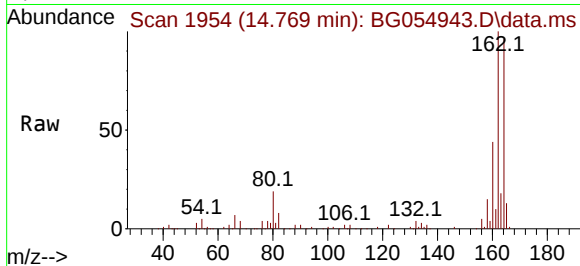




#57
2,4-Dinitrotoluene
Concen: 6.093 ng
RT: 14.769 min Scan# 1954
Delta R.T. -0.369 min
Lab File: BG054943.D
Acq: 14 Sep 2022 14:38

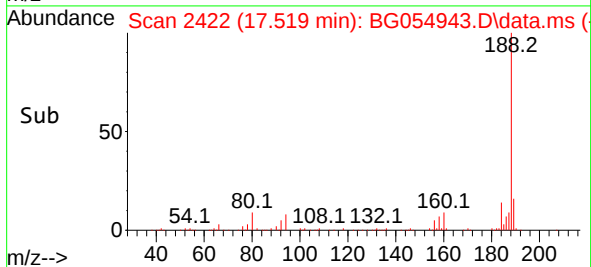
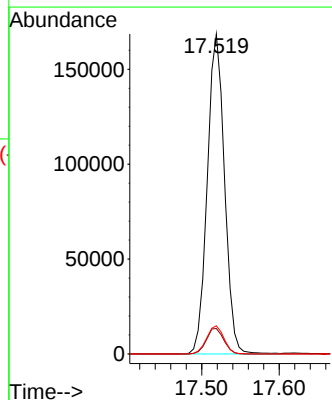
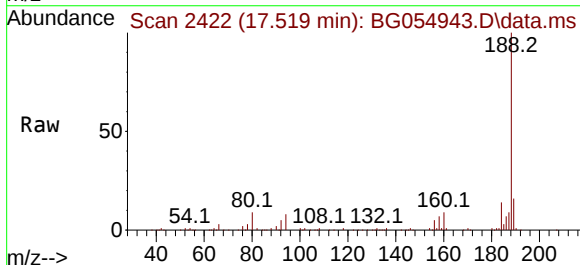
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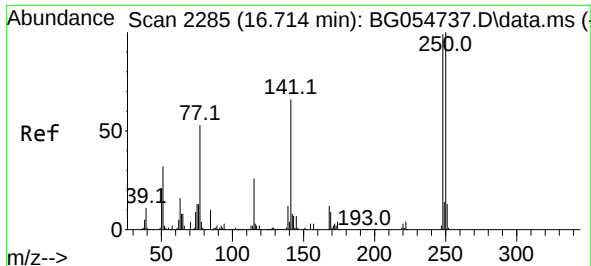
Tgt Ion:165 Resp: 15469
Ion Ratio Lower Upper
165 100
63 0.0 36.8 55.2#
89 0.0 64.3 96.5#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.519 min Scan# 2422
Delta R.T. -0.005 min
Lab File: BG054943.D
Acq: 14 Sep 2022 14:38

Tgt Ion:188 Resp: 259890
Ion Ratio Lower Upper
188 100
94 8.0 7.0 10.4
80 8.8 7.9 11.9

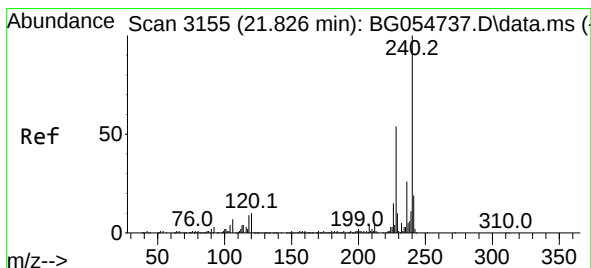
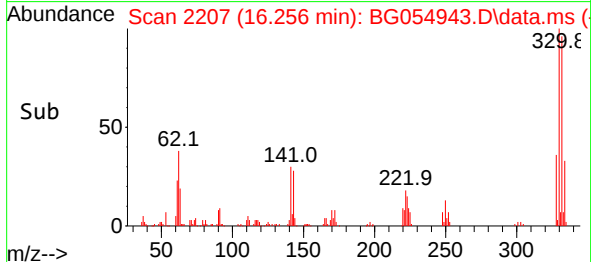
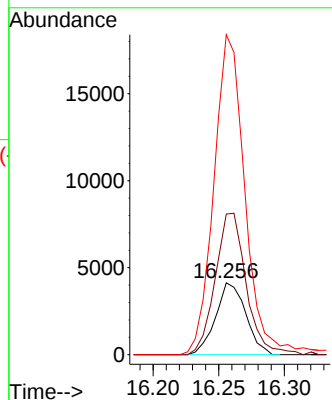
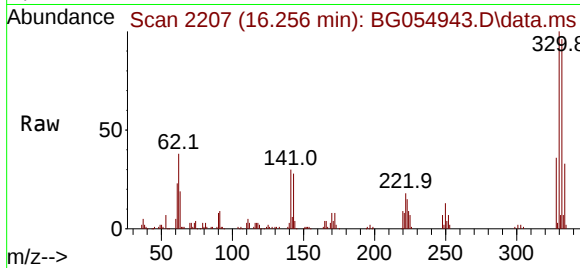




#67
4-Bromophenyl-phenylether
Concen: 2.314 ng
RT: 16.256 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG054943.D
Acq: 14 Sep 2022 14:38

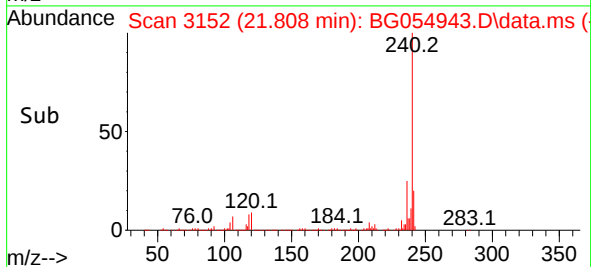
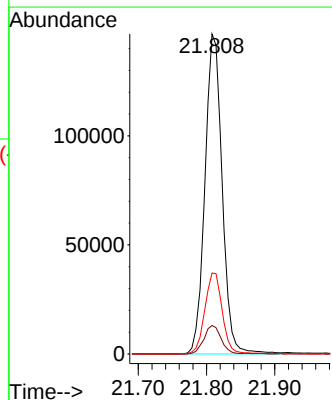
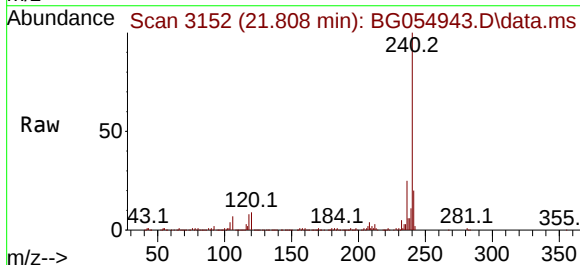
Instrument :
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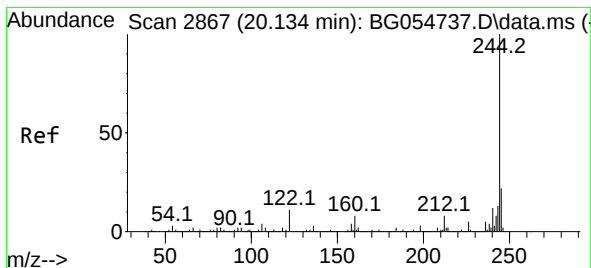
Tgt Ion:248 Resp: 6604
Ion Ratio Lower Upper
248 100
250 196.0 78.8 118.2#
141 445.8 51.9 77.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.808 min Scan# 3152
Delta R.T. -0.011 min
Lab File: BG054943.D
Acq: 14 Sep 2022 14:38

Tgt Ion:240 Resp: 257462
Ion Ratio Lower Upper
240 100
120 8.9 8.2 12.4
236 25.3 21.2 31.8





#79

Terphenyl-d14

Concen: 55.620 ng

RT: 20.116 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG054943.D

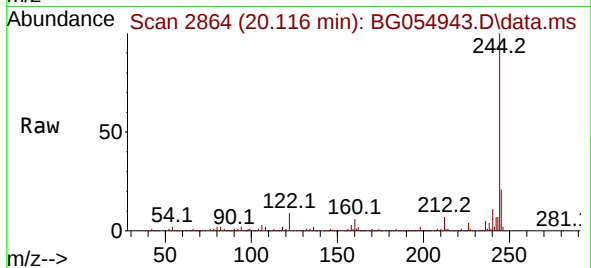
Acq: 14 Sep 2022 14:38

Instrument :

BNA_G

ClientSampleId :

CHERRY-HILL-COMP-13



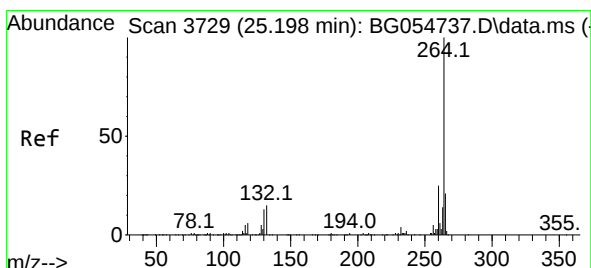
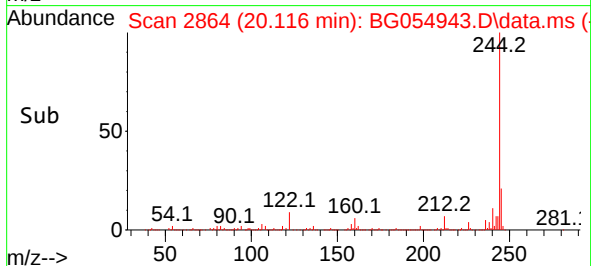
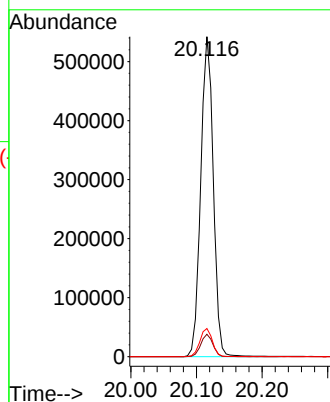
Tgt Ion:244 Resp: 722729

Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.2

122 8.8 9.0 13.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.180 min Scan# 3726

Delta R.T. -0.005 min

Lab File: BG054943.D

Acq: 14 Sep 2022 14:38

Tgt Ion:264 Resp: 270689

Ion Ratio Lower Upper

264 100

260 24.2 19.9 29.9

265 21.8 16.9 25.3

