

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091322\
 Data File : BG054925.D
 Acq On : 13 Sep 2022 16:55
 Operator : CG/JU
 Sample : N4578-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CHERRY-HILL-COMP-1

Quant Time: Sep 14 03:19:47 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)

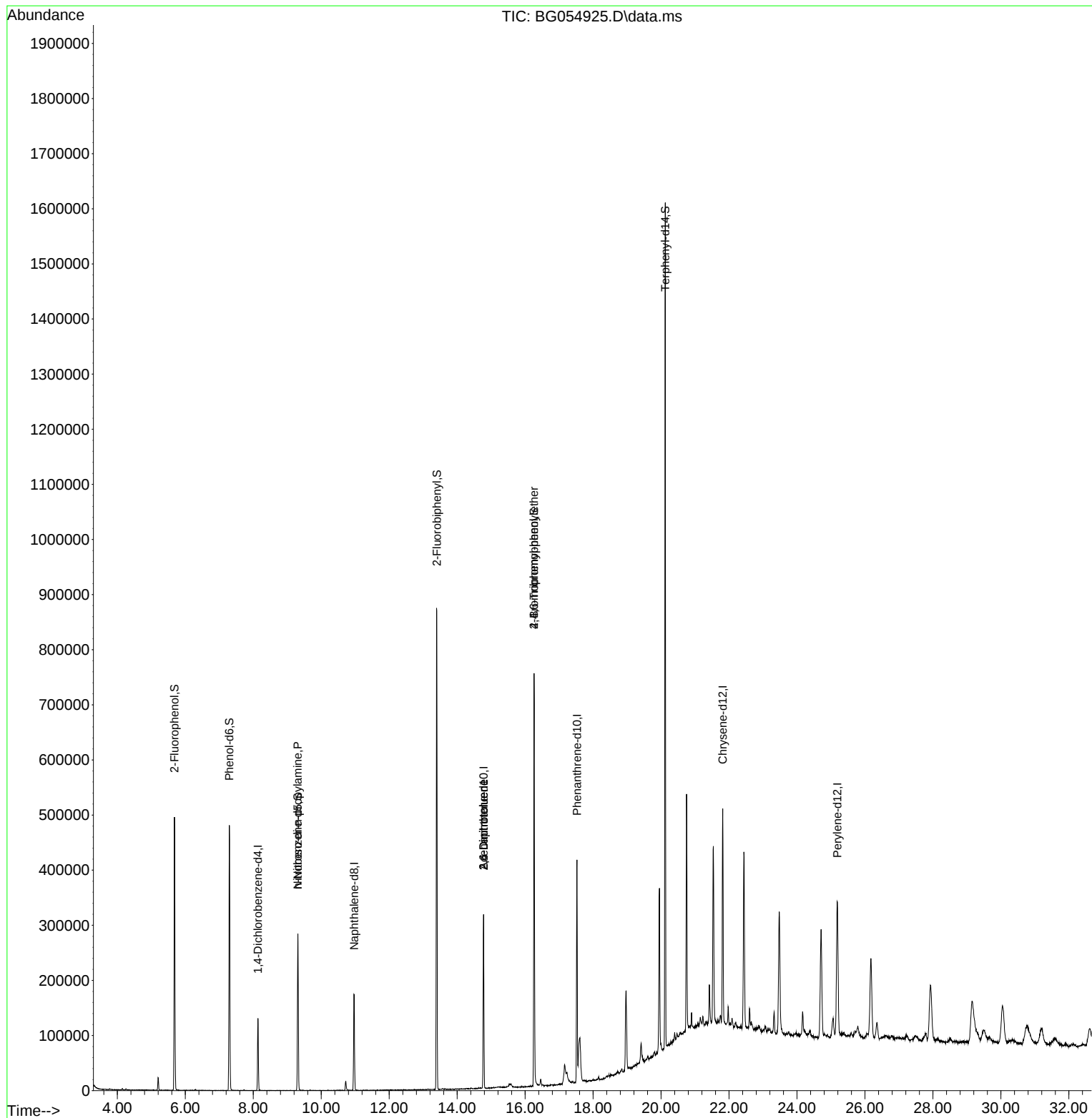
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.136	152	41503	20.000	ng	-0.01
21) Naphthalene-d8	10.968	136	163788	20.000	ng	# 0.00
39) Acenaphthene-d10	14.775	164	116301	20.000	ng	0.00
64) Phenanthrene-d10	17.525	188	269100	20.000	ng	0.00
76) Chrysene-d12	21.814	240	256639	20.000	ng	-0.01
86) Perylene-d12	25.186	264	273335	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.680	112	244909	102.758	ng	0.00
7) Phenol-d6	7.296	99	318672	97.769	ng	0.00
23) Nitrobenzene-d5	9.311	82	185602	59.488	ng	-0.01
42) 2,4,6-Tribromophenol	16.262	330	175859	121.010	ng	-0.01
45) 2-Fluorobiphenyl	13.400	172	492039	63.589	ng	0.00
79) Terphenyl-d14	20.122	244	798519	61.650	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.311	70	23168	10.336	ng	# 74
51) 2,6-Dinitrotoluene	14.775	165	15566	8.494	ng	# 20
57) 2,4-Dinitrotoluene	14.775	165	15566	6.141	ng	# 18
67) 4-Bromophenyl-phenylether	16.262	248	10858	3.675	ng	# 1

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

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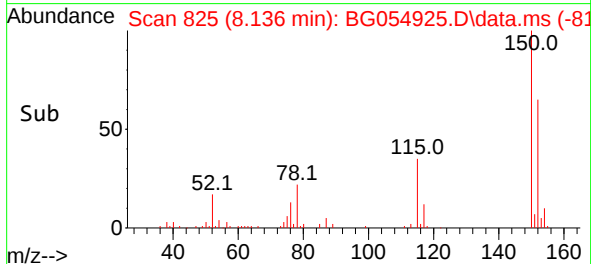
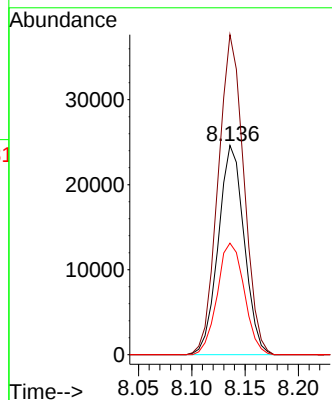
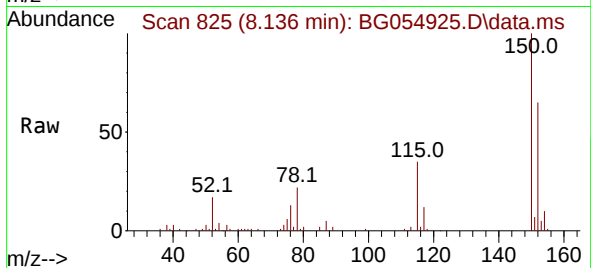




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.136 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG054925.D
Acq: 13 Sep 2022 16:55

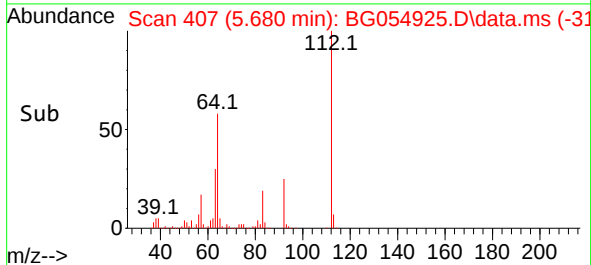
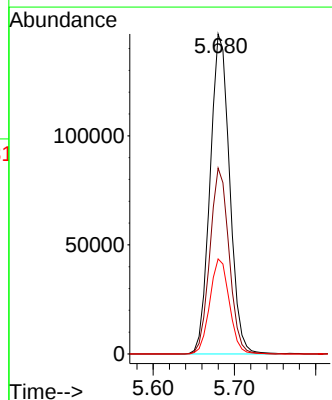
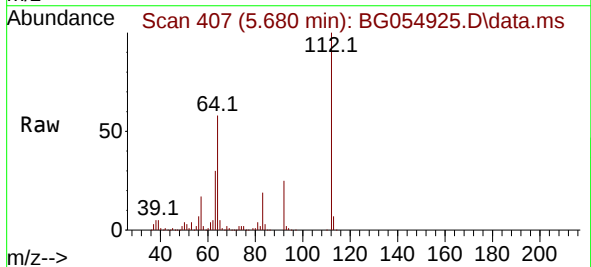
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-1

Tgt Ion:152 Resp: 41503
Ion Ratio Lower Upper
152 100
150 152.9 125.2 187.8
115 53.3 47.9 71.9



#5
2-Fluorophenol
Concen: 102.758 ng
RT: 5.680 min Scan# 407
Delta R.T. -0.004 min
Lab File: BG054925.D
Acq: 13 Sep 2022 16:55

Tgt Ion:112 Resp: 244909
Ion Ratio Lower Upper
112 100
64 58.1 49.3 73.9
63 29.7 26.3 39.5

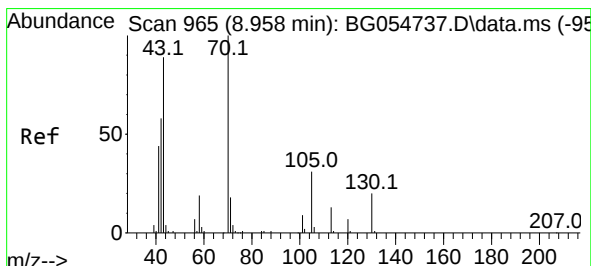
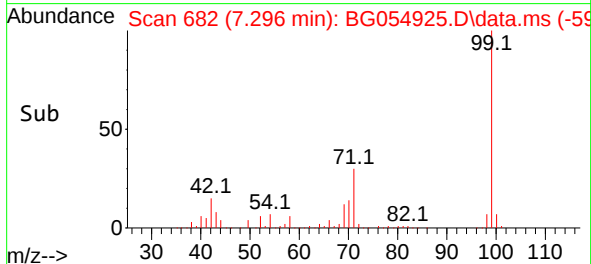
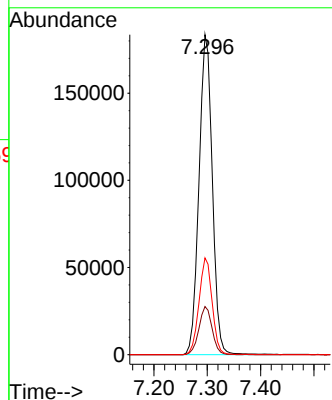
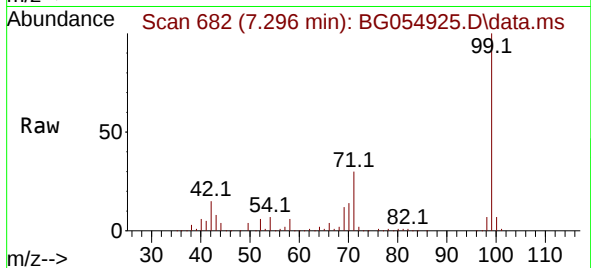




#7
Phenol-d6
Concen: 97.769 ng
RT: 7.296 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG054925.D
Acq: 13 Sep 2022 16:55

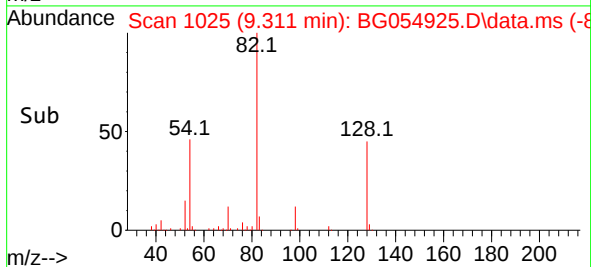
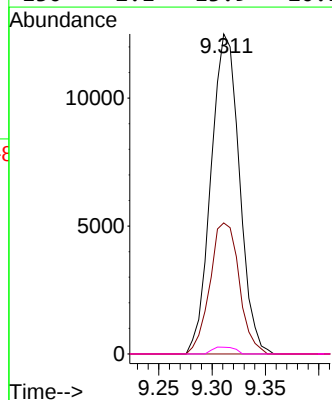
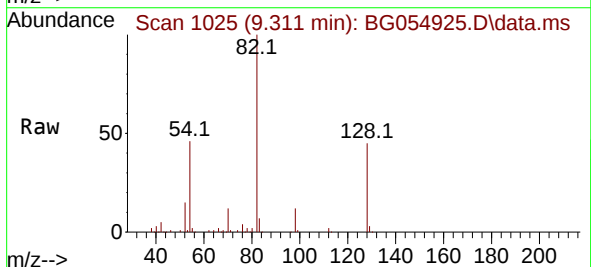
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-1

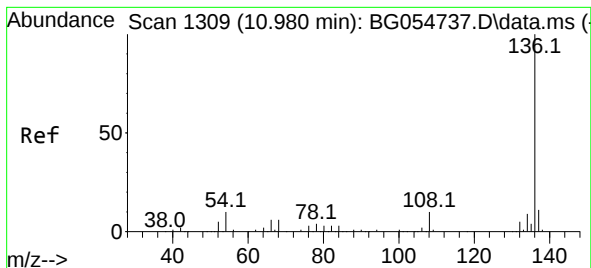
Tgt Ion: 99 Resp: 318672
Ion Ratio Lower Upper
99 100
42 15.0 14.6 22.0
71 30.3 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 10.336 ng
RT: 9.311 min Scan# 1025
Delta R.T. 0.360 min
Lab File: BG054925.D
Acq: 13 Sep 2022 16:55

Tgt Ion: 70 Resp: 23168
Ion Ratio Lower Upper
70 100
42 41.0 46.6 69.8#
101 0.0 7.7 11.5#
130 2.1 13.9 20.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.968 min Scan# 11

Delta R.T. -0.004 min

Lab File: BG054925.D

Acq: 13 Sep 2022 16:55

Instrument :

BNA_G

ClientSampleId :

CHERRY-HILL-COMP-1

Tgt Ion:136 Resp: 163788

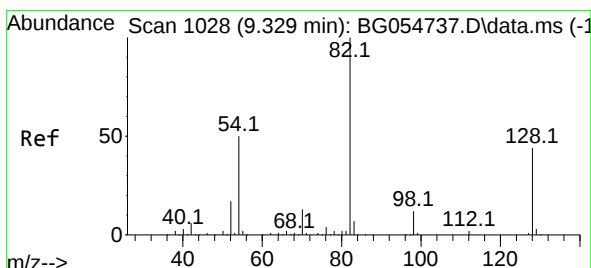
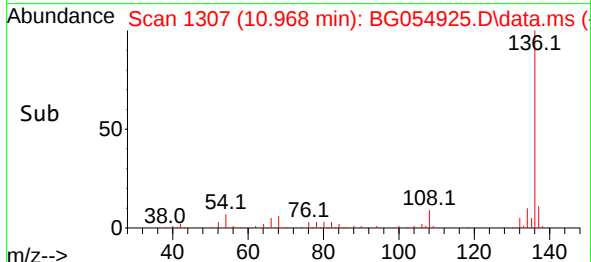
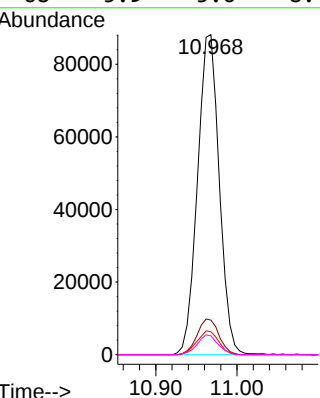
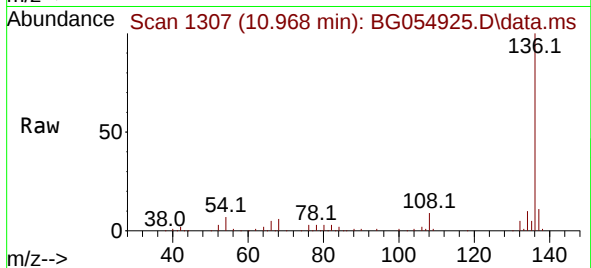
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 7.2 7.7 11.5#

68 5.9 5.6 8.4



#23

Nitrobenzene-d5

Concen: 59.488 ng

RT: 9.311 min Scan# 1025

Delta R.T. -0.010 min

Lab File: BG054925.D

Acq: 13 Sep 2022 16:55

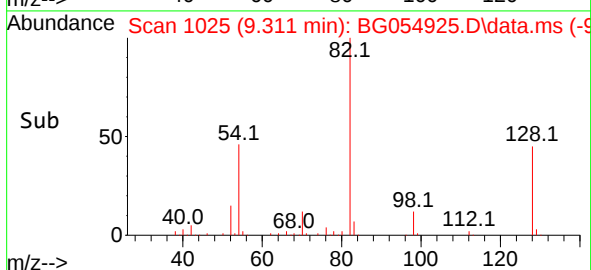
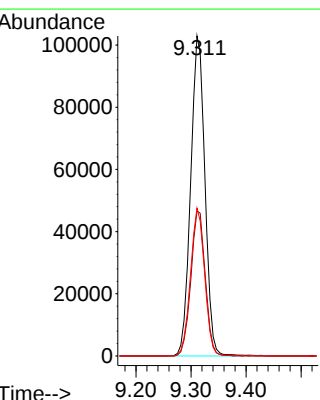
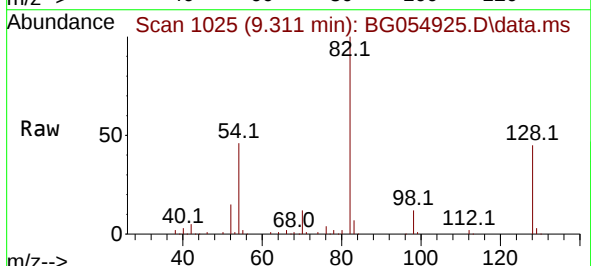
Tgt Ion: 82 Resp: 185602

Ion Ratio Lower Upper

82 100

128 45.3 32.2 48.2

54 46.2 41.4 62.0

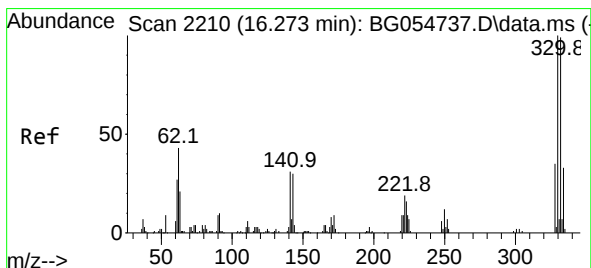
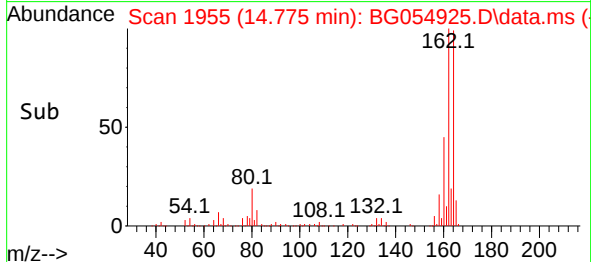
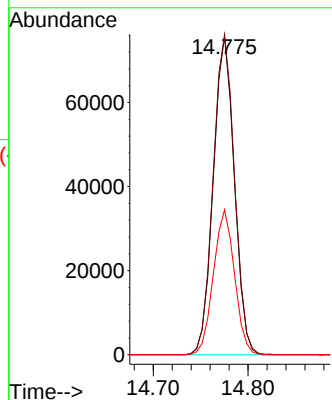
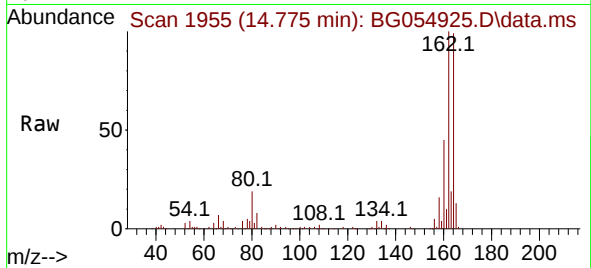




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.775 min Scan# 1955
Delta R.T. -0.004 min
Lab File: BG054925.D
Acq: 13 Sep 2022 16:55

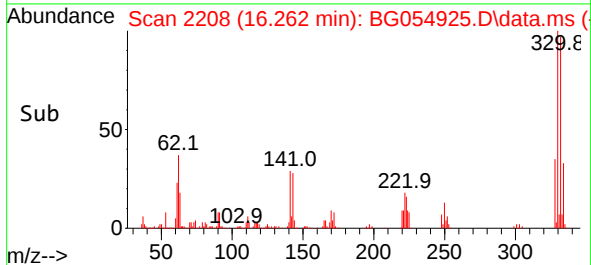
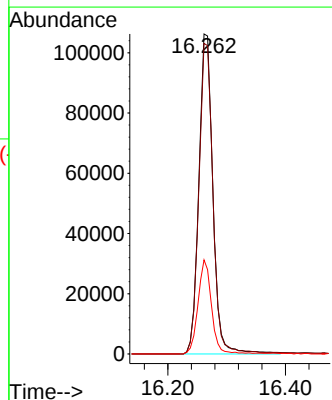
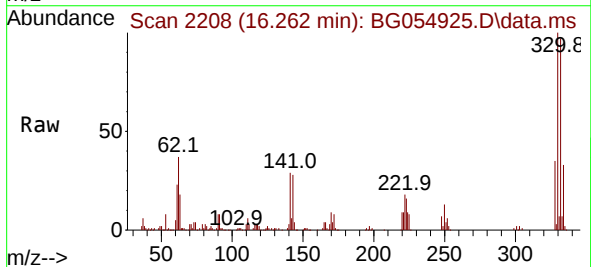
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-1

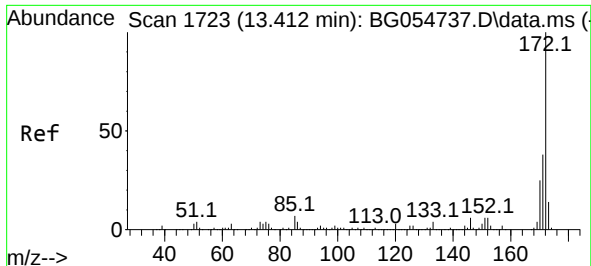
Tgt Ion:164 Resp: 116301
Ion Ratio Lower Upper
164 100
162 100.6 83.0 124.4
160 45.5 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 121.010 ng
RT: 16.262 min Scan# 2208
Delta R.T. -0.010 min
Lab File: BG054925.D
Acq: 13 Sep 2022 16:55

Tgt Ion:330 Resp: 175859
Ion Ratio Lower Upper
330 100
332 97.3 79.8 119.6
141 28.4 26.8 40.2

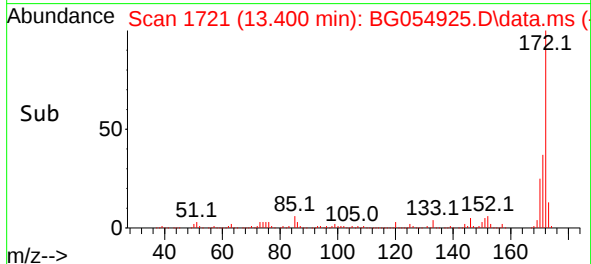
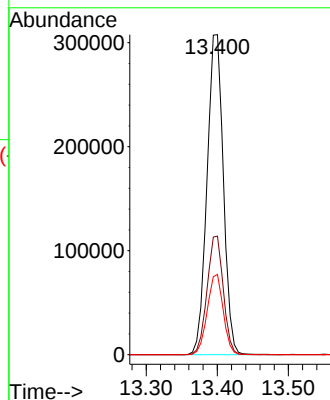
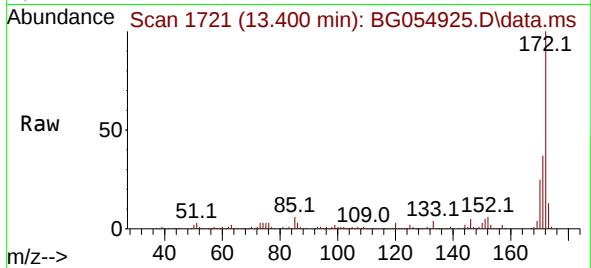




#45
2-Fluorobiphenyl
Concen: 63.589 ng
RT: 13.400 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG054925.D
Acq: 13 Sep 2022 16:55

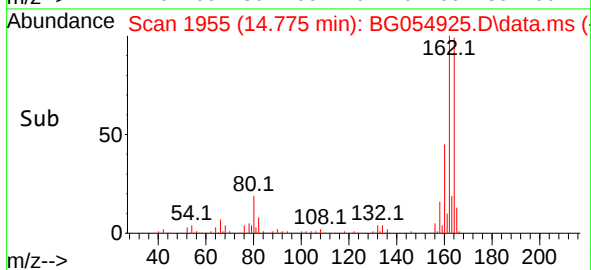
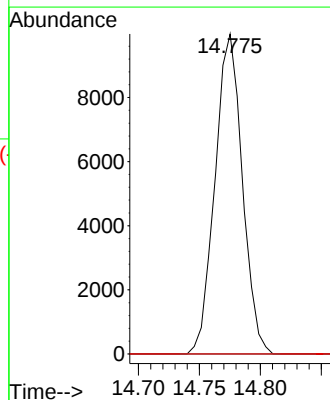
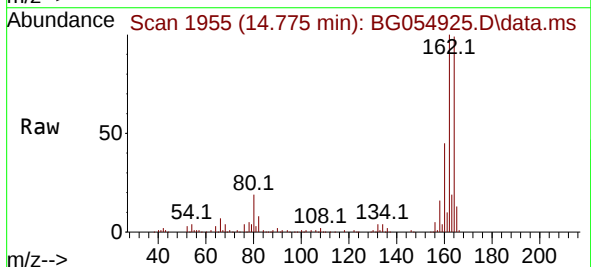
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CHERRY-HILL-COMP-1

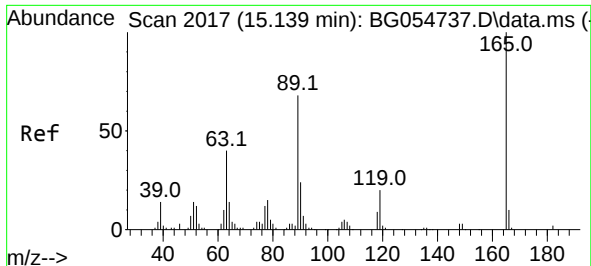
Tgt Ion:172 Resp: 492039
Ion Ratio Lower Upper
172 100
171 37.1 31.2 46.8
170 25.1 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.494 ng
RT: 14.775 min Scan# 1955
Delta R.T. 0.419 min
Lab File: BG054925.D
Acq: 13 Sep 2022 16:55

Tgt Ion:165 Resp: 15566
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 0.0 50.3 75.5#

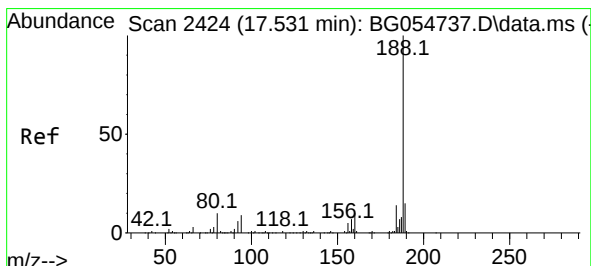
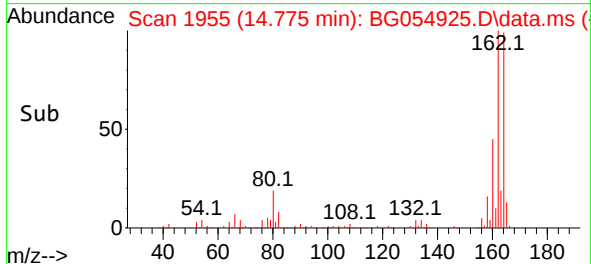
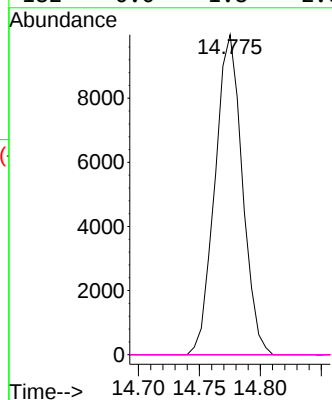
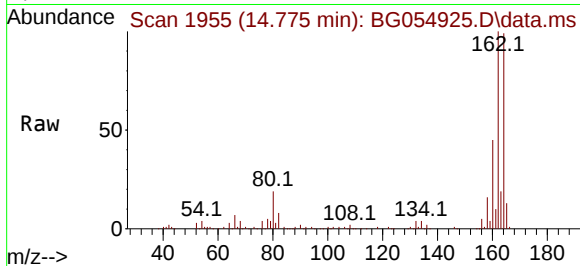




#57
2,4-Dinitrotoluene
Concen: 6.141 ng
RT: 14.775 min Scan# 1955
Delta R.T. -0.369 min
Lab File: BG054925.D
Acq: 13 Sep 2022 16:55

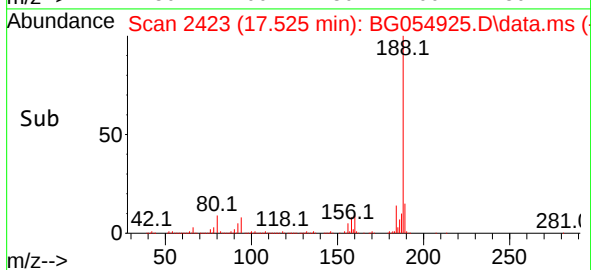
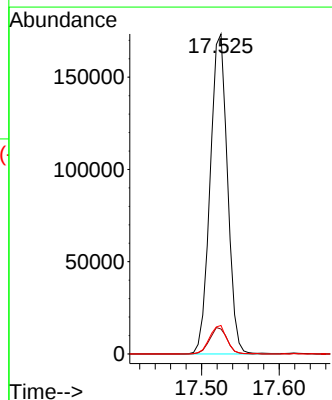
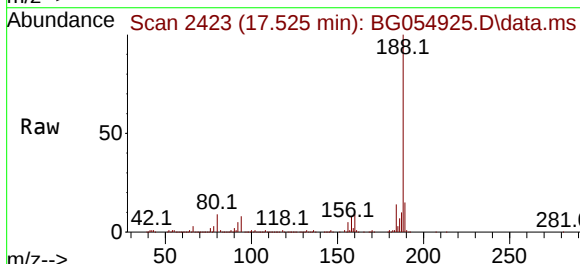
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BNA_G
ClientSampleId :
CHERRY-HILL-COMP-1

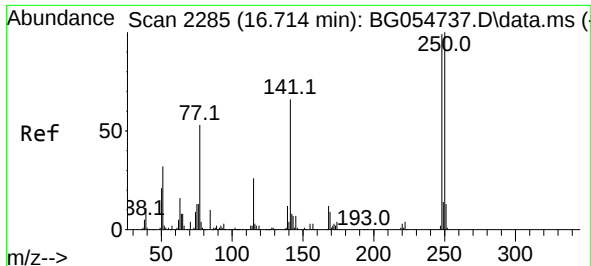
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Ion Ratio	Lower	Upper	
165	100		
63	0.0	36.8	55.2#
89	0.0	64.3	96.5#
182	0.0	1.8	2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.525 min Scan# 2423
Delta R.T. -0.004 min
Lab File: BG054925.D
Acq: 13 Sep 2022 16:55

Tgt Ion:	188	Resp:	269100
Ion Ratio	Lower	Upper	
188	100		
94	7.8	7.0	10.4
80	8.9	7.9	11.9

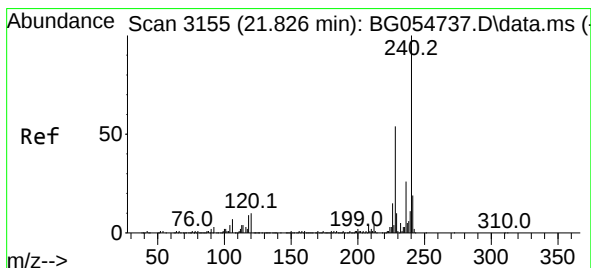
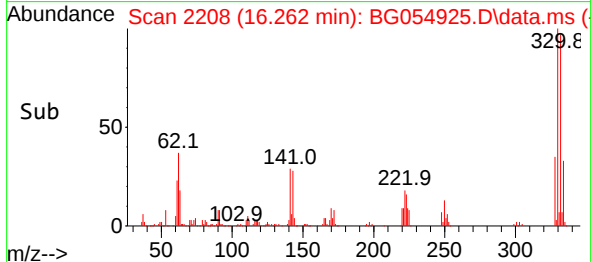
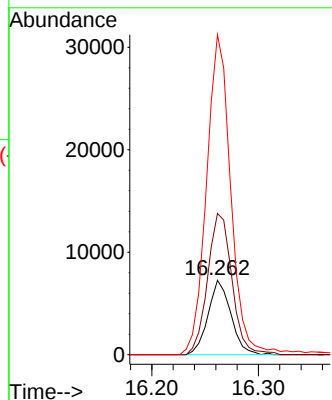
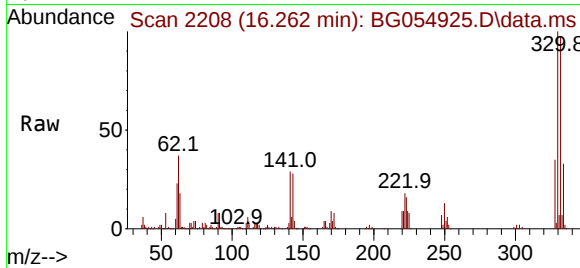




#67
4-Bromophenyl-phenylether
Concen: 3.675 ng
RT: 16.262 min Scan# 21
Delta R.T. -0.445 min
Lab File: BG054925.D
Acq: 13 Sep 2022 16:55

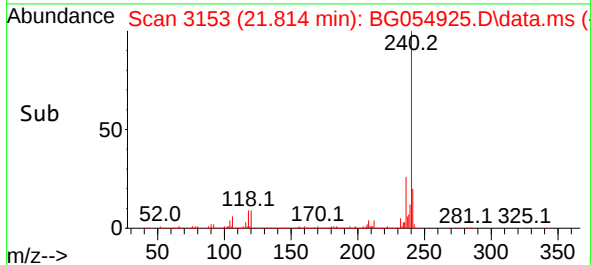
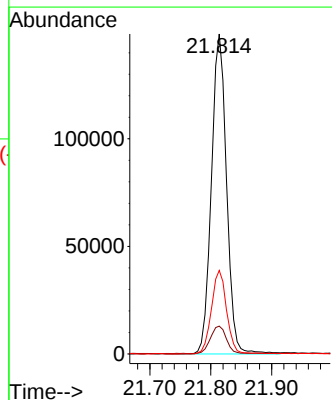
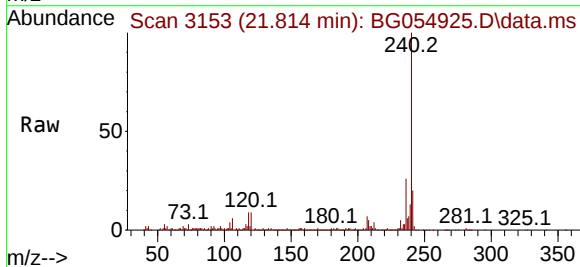
Instrument :
BNA_G
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CHERRY-HILL-COMP-1

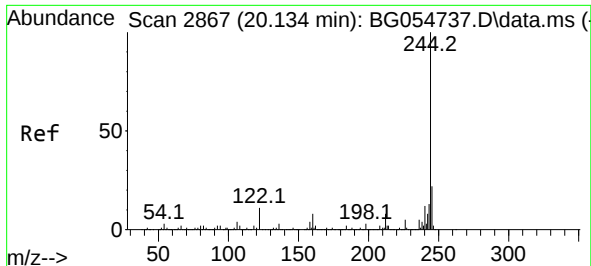
Tgt Ion:248 Resp: 10858
Ion Ratio Lower Upper
248 100
250 189.9 78.8 118.2#
141 430.3 51.9 77.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.814 min Scan# 3153
Delta R.T. -0.010 min
Lab File: BG054925.D
Acq: 13 Sep 2022 16:55

Tgt Ion:240 Resp: 256639
Ion Ratio Lower Upper
240 100
120 8.7 8.2 12.4
236 26.1 21.2 31.8

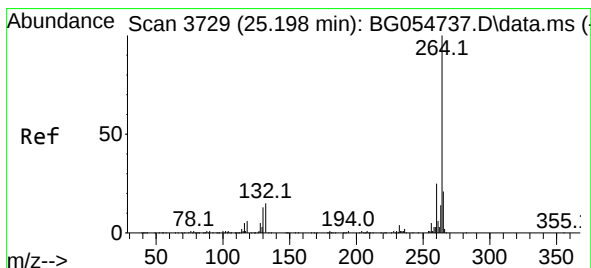
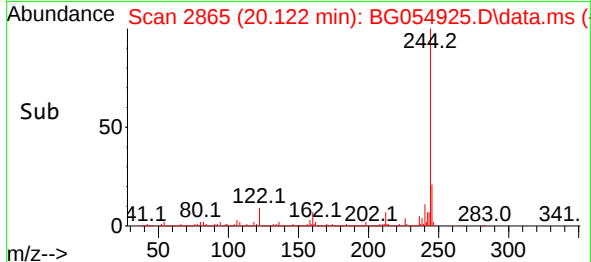
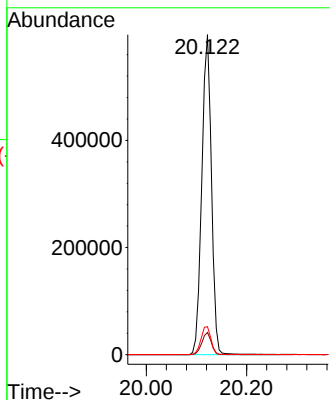
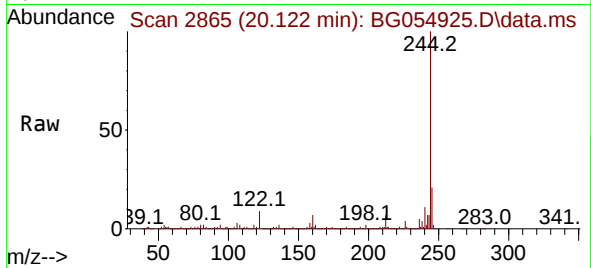




#79
 Terphenyl-d14
 Concen: 61.650 ng
 RT: 20.122 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG054925.D
 Acq: 13 Sep 2022 16:55

Instrument :
 BNA_G
 ClientSampleId :
 CHERRY-HILL-COMP-1

Tgt Ion:244 Resp: 798519
 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: 25.186 min Scan# 3727
 Delta R.T. -0.016 min
 Lab File: BG054925.D
 Acq: 13 Sep 2022 16:55

Tgt Ion:264 Resp: 273335
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.9 29.9
 265 21.5 16.9 25.3

