

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091322\
 Data File : BG054926.D
 Acq On : 13 Sep 2022 17:38
 Operator : CG/JU
 Sample : N4578-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CHERRY-HILL-COMP-3

Quant Time: Sep 14 03:20:11 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)

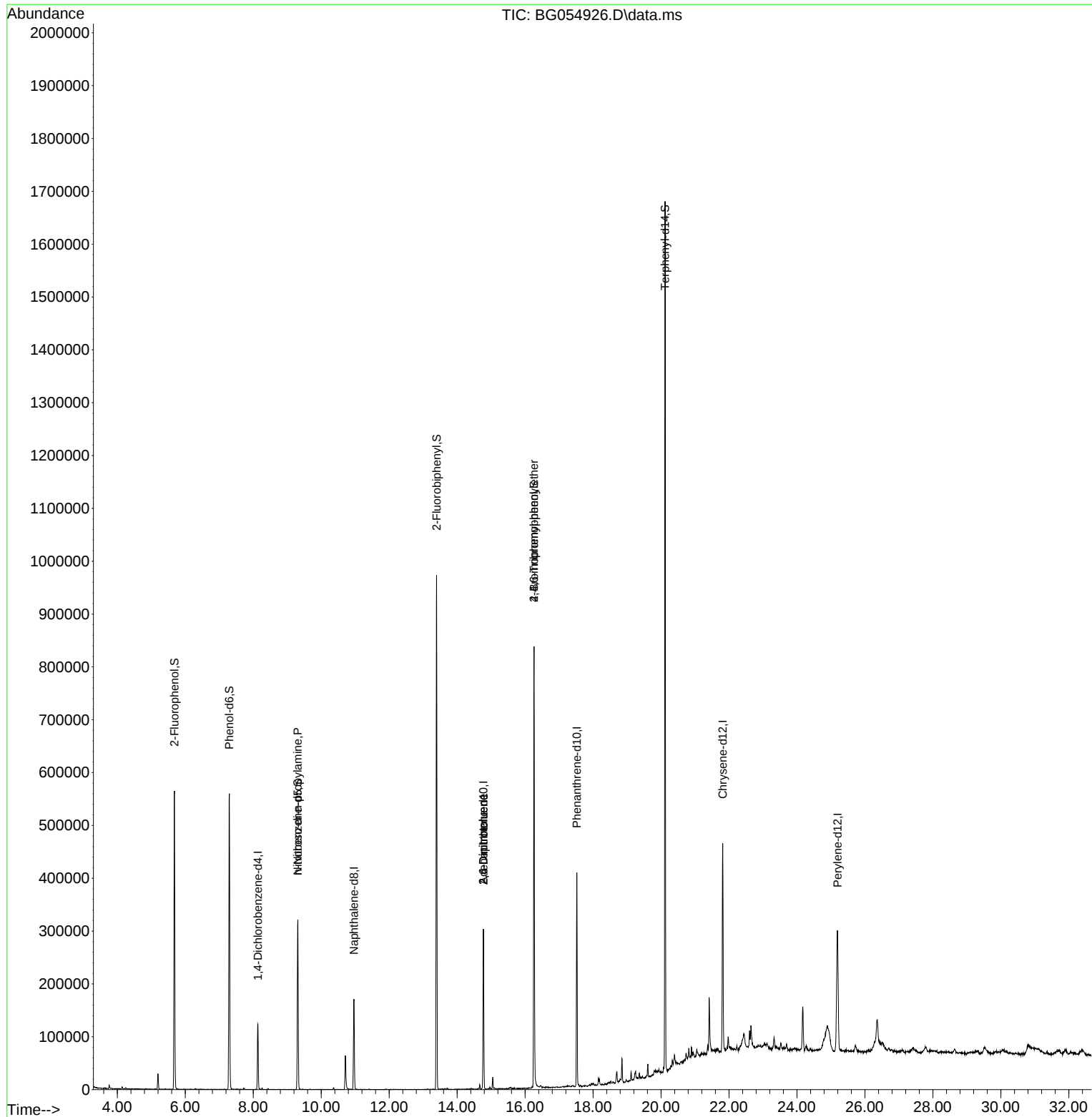
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.138	152	39936	20.000	ng	0.00
21) Naphthalene-d8	10.964	136	160591	20.000	ng	# 0.00
39) Acenaphthene-d10	14.772	164	112854	20.000	ng	0.00
64) Phenanthrene-d10	17.521	188	266072	20.000	ng	0.00
76) Chrysene-d12	21.816	240	251908	20.000	ng	0.00
86) Perylene-d12	25.195	264	265773	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.682	112	286807	125.059	ng	0.00
7) Phenol-d6	7.298	99	381200	121.541	ng	0.00
23) Nitrobenzene-d5	9.313	82	212587	69.494	ng	0.00
42) 2,4,6-Tribromophenol	16.264	330	201157	142.646	ng	0.00
45) 2-Fluorobiphenyl	13.397	172	544448	72.511	ng	0.00
79) Terphenyl-d14	20.118	244	857018	67.409	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.313	70	26339	12.212	ng	# 73
51) 2,6-Dinitrotoluene	14.772	165	14901	8.379	ng	# 20
57) 2,4-Dinitrotoluene	14.772	165	14901	6.058	ng	# 18
67) 4-Bromophenyl-phenylether	16.264	248	12474	4.270	ng	# 1

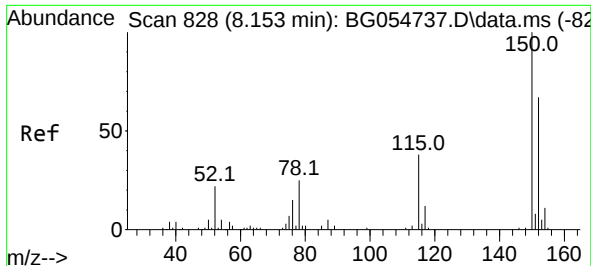
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091322\
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Response via : Initial Calibration

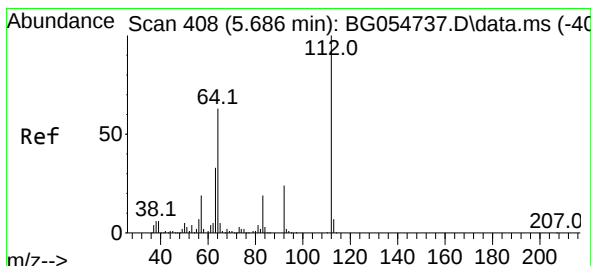
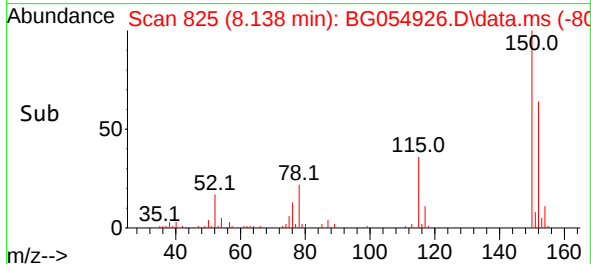
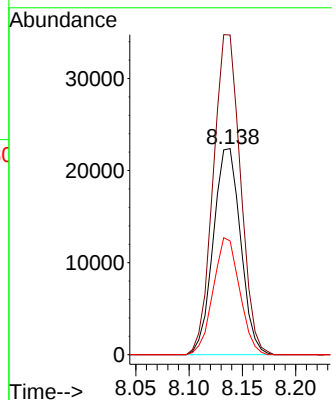
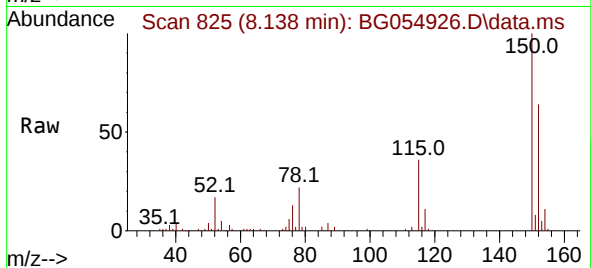




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.138 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG054926.D
Acq: 13 Sep 2022 17:38

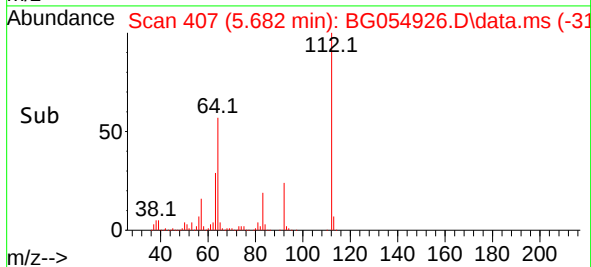
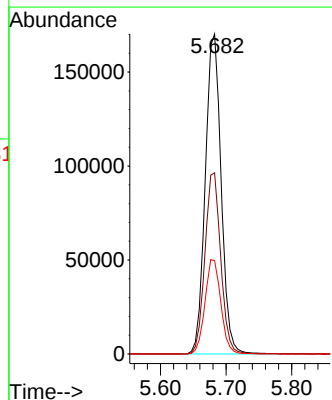
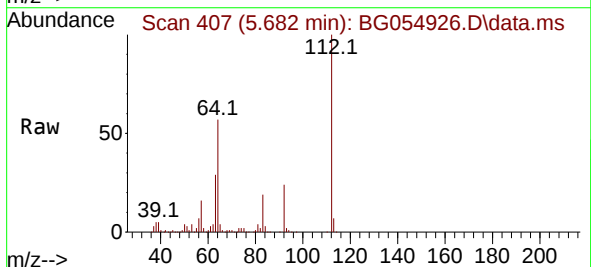
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-3

Tgt Ion:152 Resp: 39936
Ion Ratio Lower Upper
152 100
150 155.1 125.2 187.8
115 55.2 47.9 71.9



#5
2-Fluorophenol
Concen: 125.059 ng
RT: 5.682 min Scan# 407
Delta R.T. -0.002 min
Lab File: BG054926.D
Acq: 13 Sep 2022 17:38

Tgt Ion:112 Resp: 286807
Ion Ratio Lower Upper
112 100
64 56.6 49.3 73.9
63 29.2 26.3 39.5

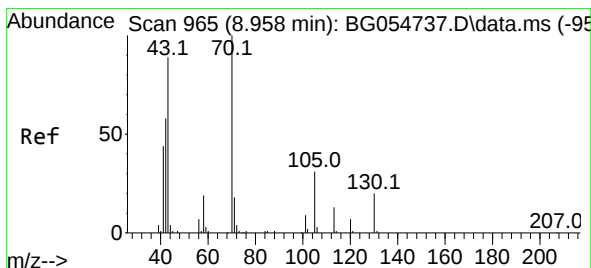
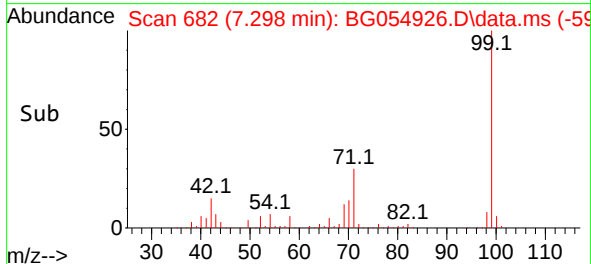
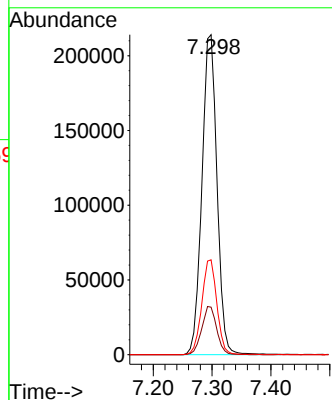
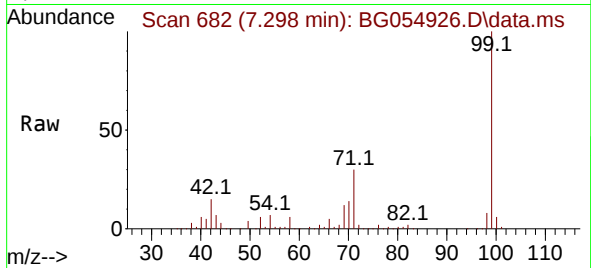




#7
Phenol-d6
Concen: 121.541 ng
RT: 7.298 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG054926.D
Acq: 13 Sep 2022 17:38

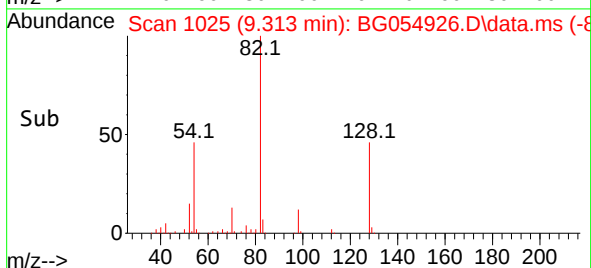
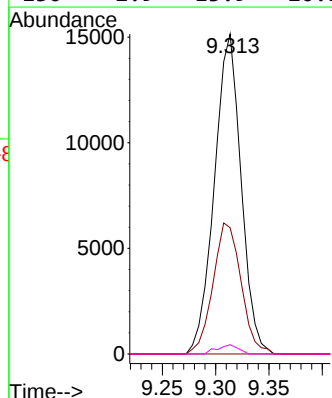
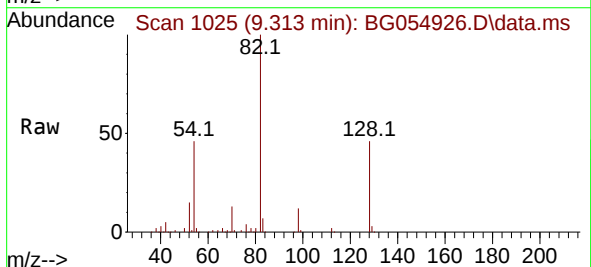
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-3

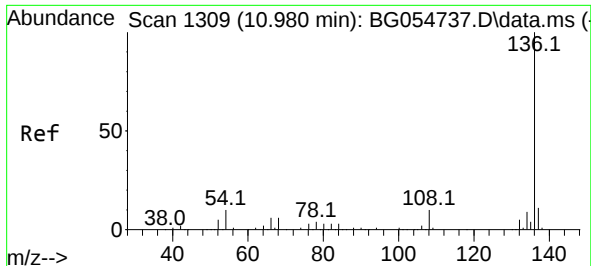
Tgt Ion: 99 Resp: 381200
Ion Ratio Lower Upper
99 100
42 14.9 14.6 22.0
71 29.6 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.212 ng
RT: 9.313 min Scan# 1025
Delta R.T. 0.362 min
Lab File: BG054926.D
Acq: 13 Sep 2022 17:38

Tgt Ion: 70 Resp: 26339
Ion Ratio Lower Upper
70 100
42 39.4 46.6 69.8#
101 0.0 7.7 11.5#
130 2.9 13.9 20.9#

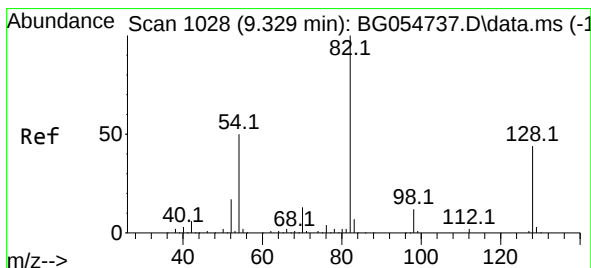
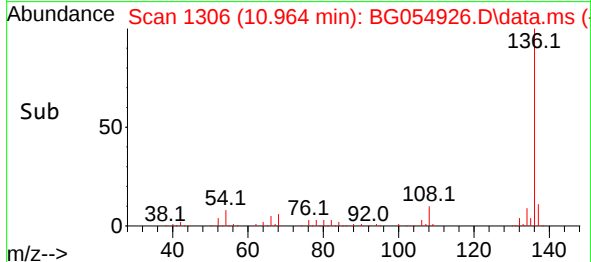
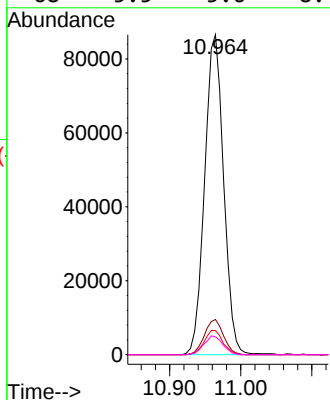
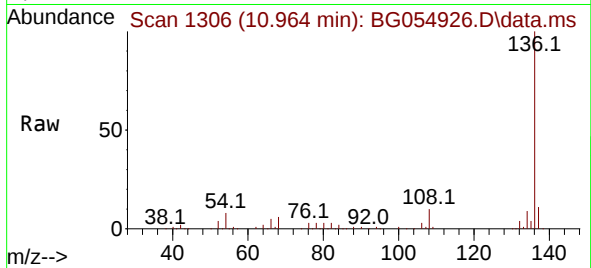




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.964 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG054926.D
Acq: 13 Sep 2022 17:38

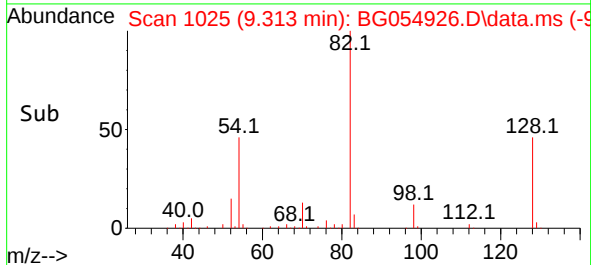
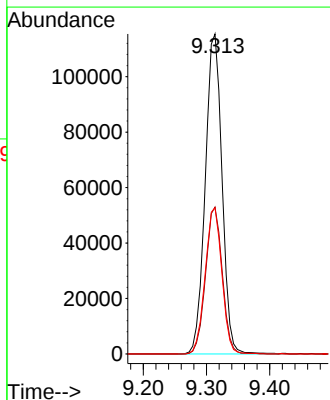
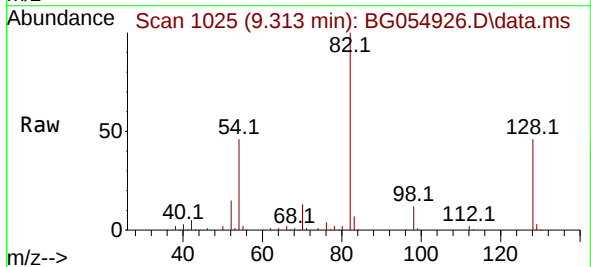
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-3

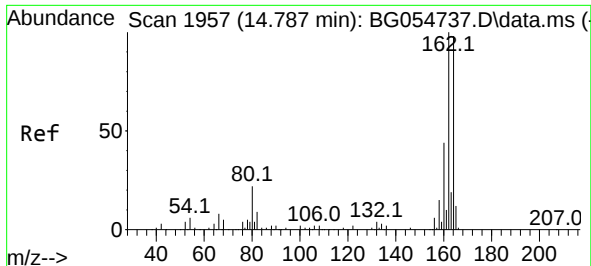
Tgt Ion:	136	Resp:	160591
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.2	13.8
54	7.5	7.7	11.5#
68	5.5	5.6	8.4#



#23
Nitrobenzene-d5
Concen: 69.494 ng
RT: 9.313 min Scan# 1025
Delta R.T. -0.008 min
Lab File: BG054926.D
Acq: 13 Sep 2022 17:38

Tgt Ion:	82	Resp:	212587
Ion Ratio	Lower	Upper	
82	100		
128	45.9	32.2	48.2
54	45.7	41.4	62.0

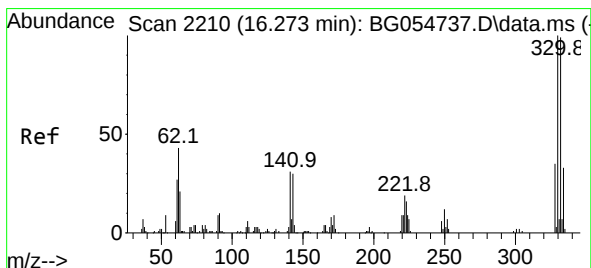
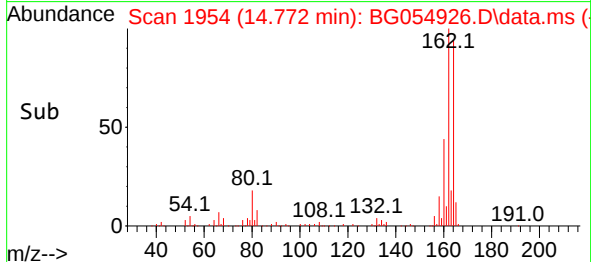
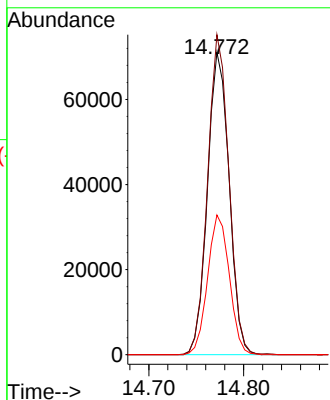
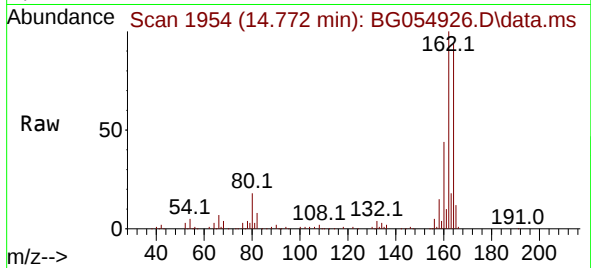




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.772 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG054926.D
Acq: 13 Sep 2022 17:38

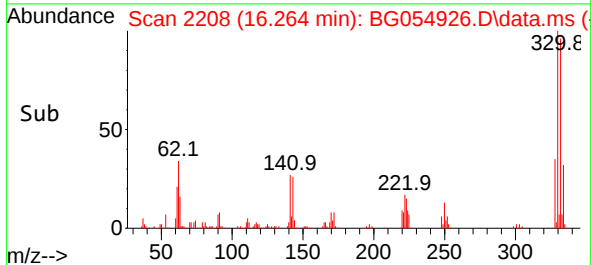
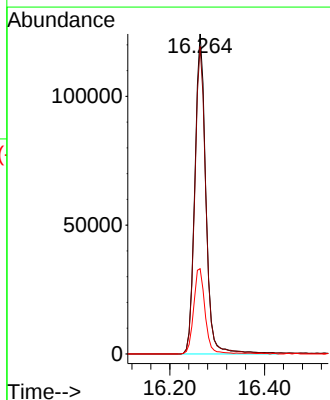
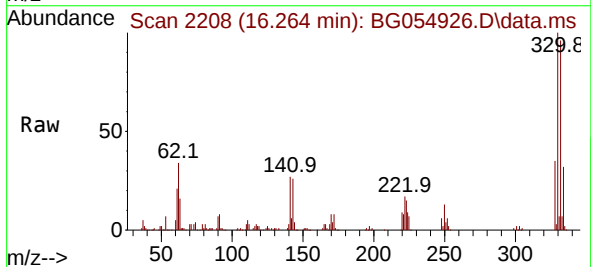
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BNA_G
ClientSampleId :
CHERRY-HILL-COMP-3

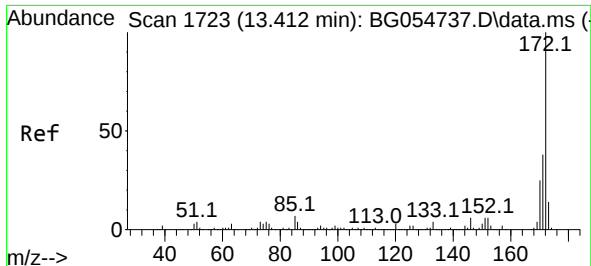
Tgt Ion:164 Resp: 112854
Ion Ratio Lower Upper
164 100
162 105.8 83.0 124.4
160 46.2 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 142.646 ng
RT: 16.264 min Scan# 2208
Delta R.T. -0.008 min
Lab File: BG054926.D
Acq: 13 Sep 2022 17:38

Tgt Ion:330 Resp: 201157
Ion Ratio Lower Upper
330 100
332 96.4 79.8 119.6
141 27.4 26.8 40.2

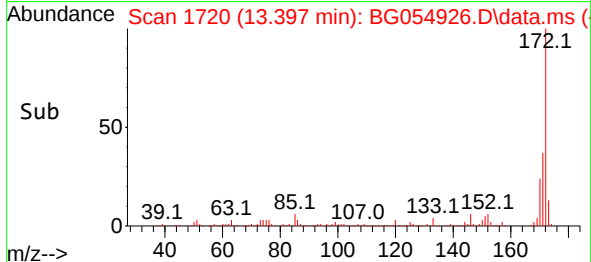
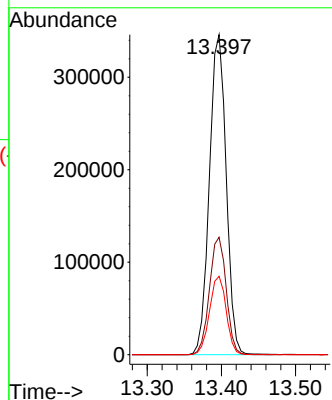
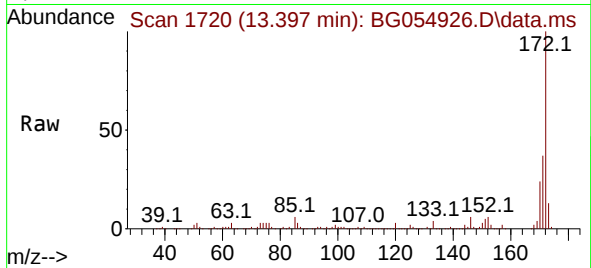




#45
2-Fluorobiphenyl
Concen: 72.511 ng
RT: 13.397 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG054926.D
Acq: 13 Sep 2022 17:38

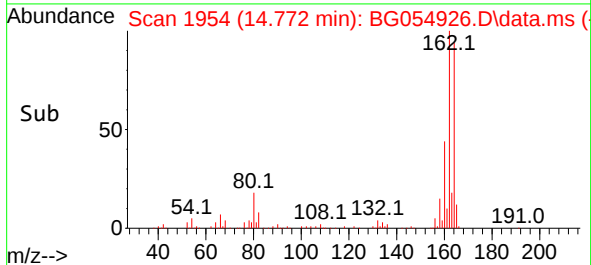
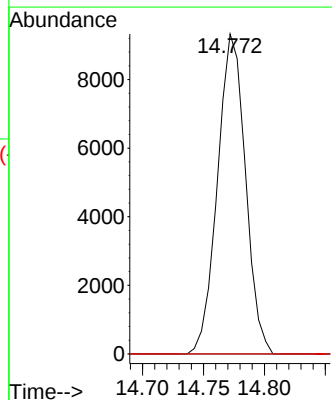
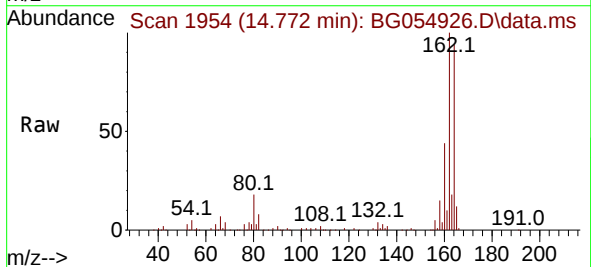
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ClientSampleId :
CHERRY-HILL-COMP-3

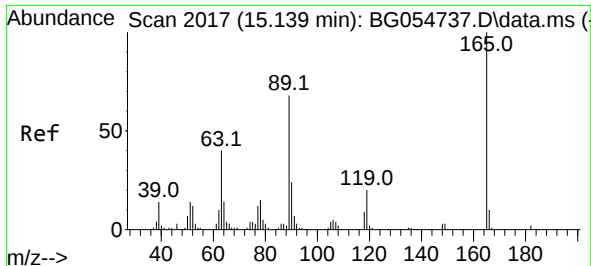
Tgt Ion:172 Resp: 544448
Ion Ratio Lower Upper
172 100
171 36.7 31.2 46.8
170 24.5 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.379 ng
RT: 14.772 min Scan# 1954
Delta R.T. 0.415 min
Lab File: BG054926.D
Acq: 13 Sep 2022 17:38

Tgt Ion:165 Resp: 14901
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: 6.058 ng

RT: 14.772 min Scan# 1954

Delta R.T. -0.372 min

Lab File: BG054926.D

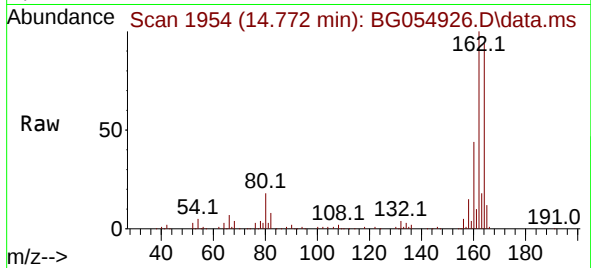
Acq: 13 Sep 2022 17:38

Instrument :

BNA_G

ClientSampleId :

CHERRY-HILL-COMP-3



Tgt Ion:165 Resp: 14901

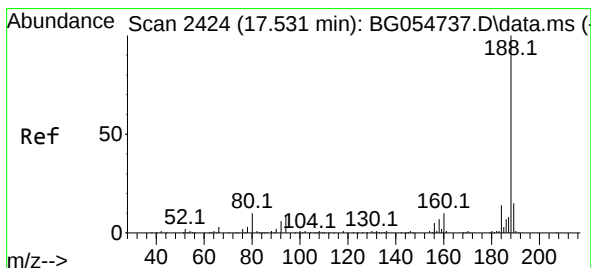
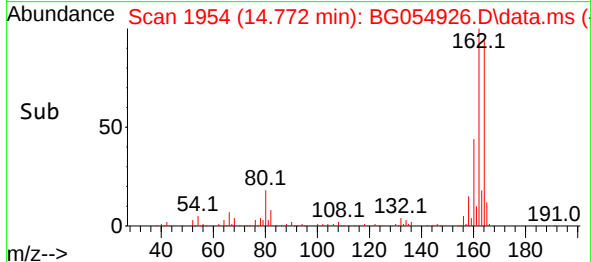
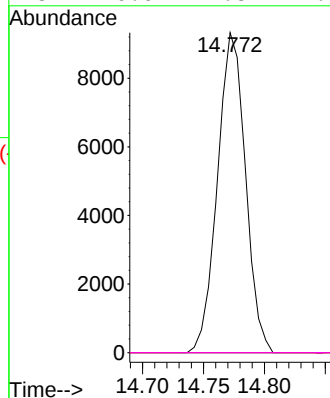
Ion Ratio Lower Upper

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: 17.521 min Scan# 2422

Delta R.T. -0.008 min

Lab File: BG054926.D

Acq: 13 Sep 2022 17:38

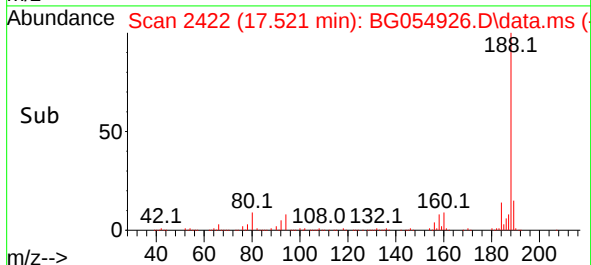
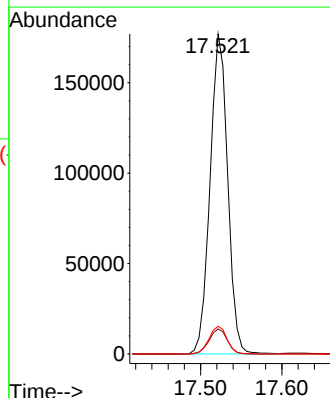
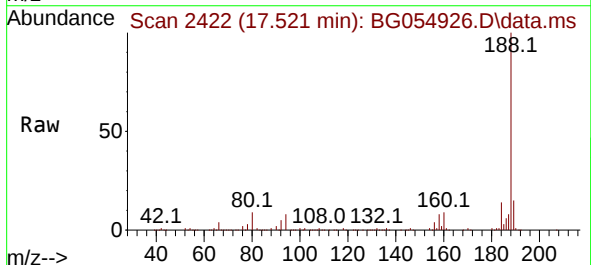
Tgt Ion:188 Resp: 266072

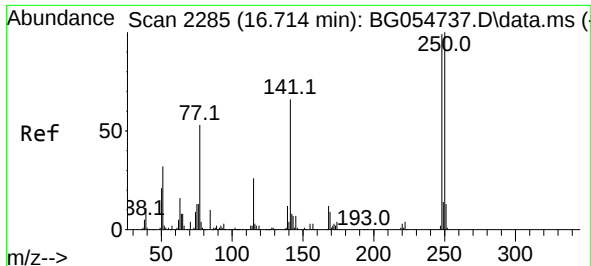
Ion Ratio Lower Upper

188 100

94 7.9 7.0 10.4

80 8.7 7.9 11.9

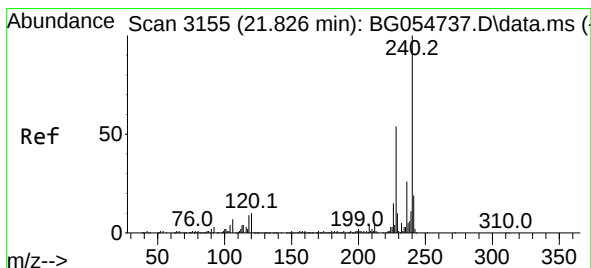
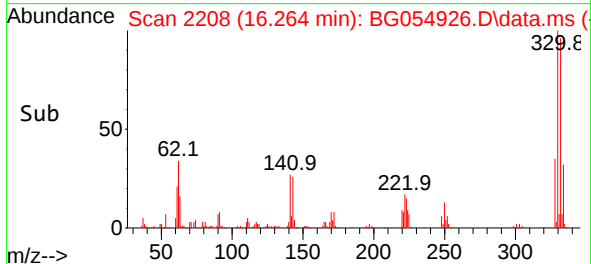
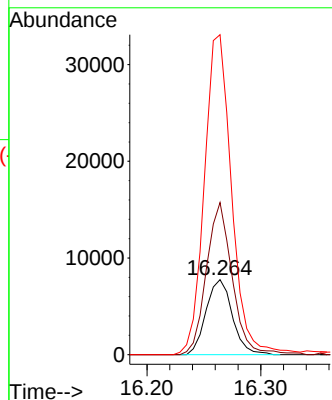
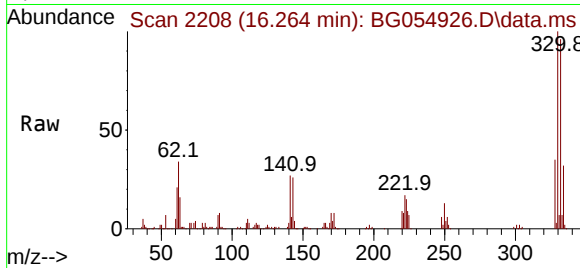




#67
4-Bromophenyl-phenylether
Concen: 4.270 ng
RT: 16.264 min Scan# 21
Delta R.T. -0.442 min
Lab File: BG054926.D
Acq: 13 Sep 2022 17:38

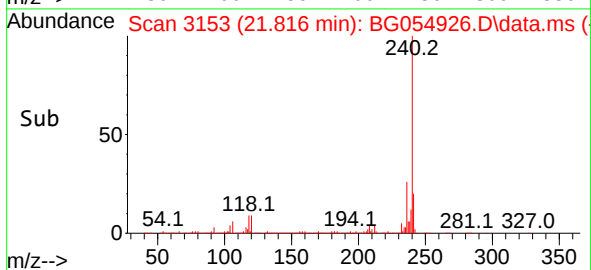
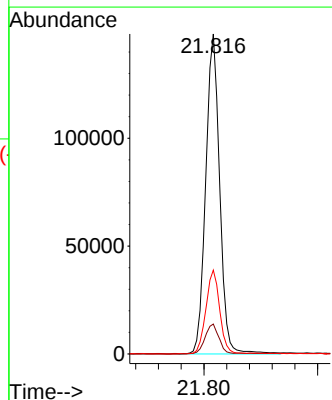
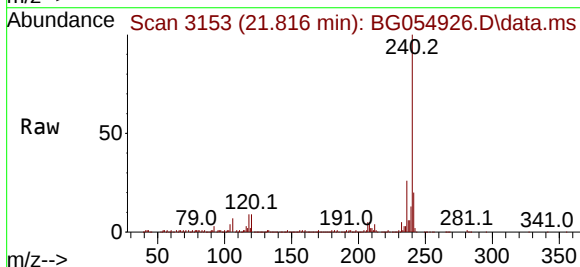
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-3

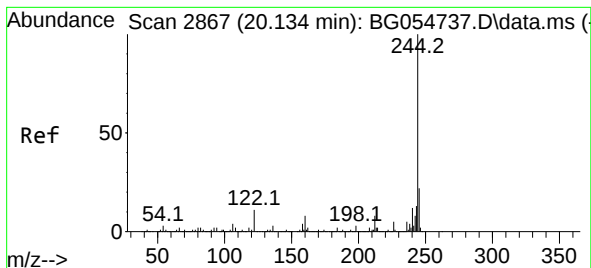
Tgt Ion:248 Resp: 12474
Ion Ratio Lower Upper
248 100
250 202.7 78.8 118.2#
141 426.3 51.9 77.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.816 min Scan# 3153
Delta R.T. -0.008 min
Lab File: BG054926.D
Acq: 13 Sep 2022 17:38

Tgt Ion:240 Resp: 251908
Ion Ratio Lower Upper
240 100
120 9.4 8.2 12.4
236 26.2 21.2 31.8





#79

Terphenyl-d14

Concen: 67.409 ng

RT: 20.118 min Scan# 2

Delta R.T. -0.008 min

Lab File: BG054926.D

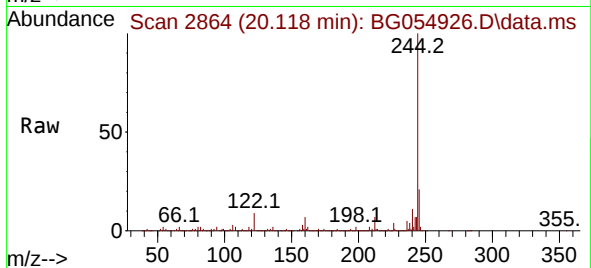
Acq: 13 Sep 2022 17:38

Instrument :

BNA_G

ClientSampleId :

CHERRY-HILL-COMP-3



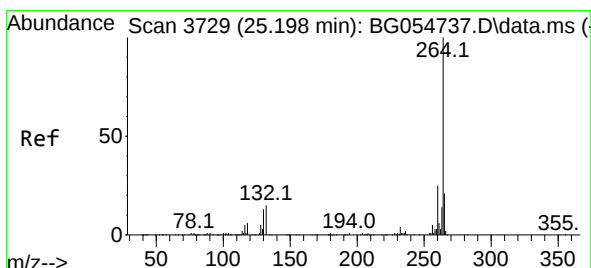
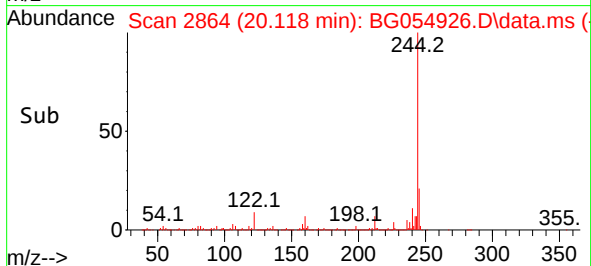
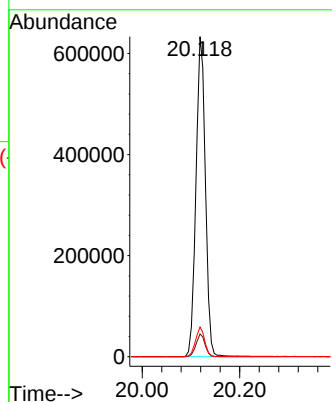
Tgt Ion:244 Resp: 857018

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

122 9.2 9.0 13.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.195 min Scan# 3728

Delta R.T. -0.008 min

Lab File: BG054926.D

Acq: 13 Sep 2022 17:38

Tgt Ion:264 Resp: 265773

Ion Ratio Lower Upper

264 100

260 24.1 19.9 29.9

265 21.7 16.9 25.3

