

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091322\
 Data File : BG054936.D
 Acq On : 14 Sep 2022 00:38
 Operator : CG/JU
 Sample : N4578-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CHERRY-HILL-COMP-2

Quant Time: Sep 14 03:25:29 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	8.134	152	42319	20.000	ng	-0.01
21) Naphthalene-d8	10.960	136	172258	20.000	ng	#-0.01
39) Acenaphthene-d10	14.768	164	117519	20.000	ng	-0.01
64) Phenanthrene-d10	17.517	188	270850	20.000	ng	-0.01
76) Chrysene-d12	21.812	240	262604	20.000	ng	-0.01
86) Perylene-d12	25.179	264	275069	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.678	112	231320	95.185	ng	0.00
7) Phenol-d6	7.288	99	307031	92.381	ng	-0.01
23) Nitrobenzene-d5	9.309	82	179197	54.611	ng	-0.01
42) 2,4,6-Tribromophenol	16.260	330	152193	103.640	ng	-0.01
45) 2-Fluorobiphenyl	13.393	172	474181	60.646	ng	-0.01
79) Terphenyl-d14	20.114	244	808108	60.973	ng	-0.01

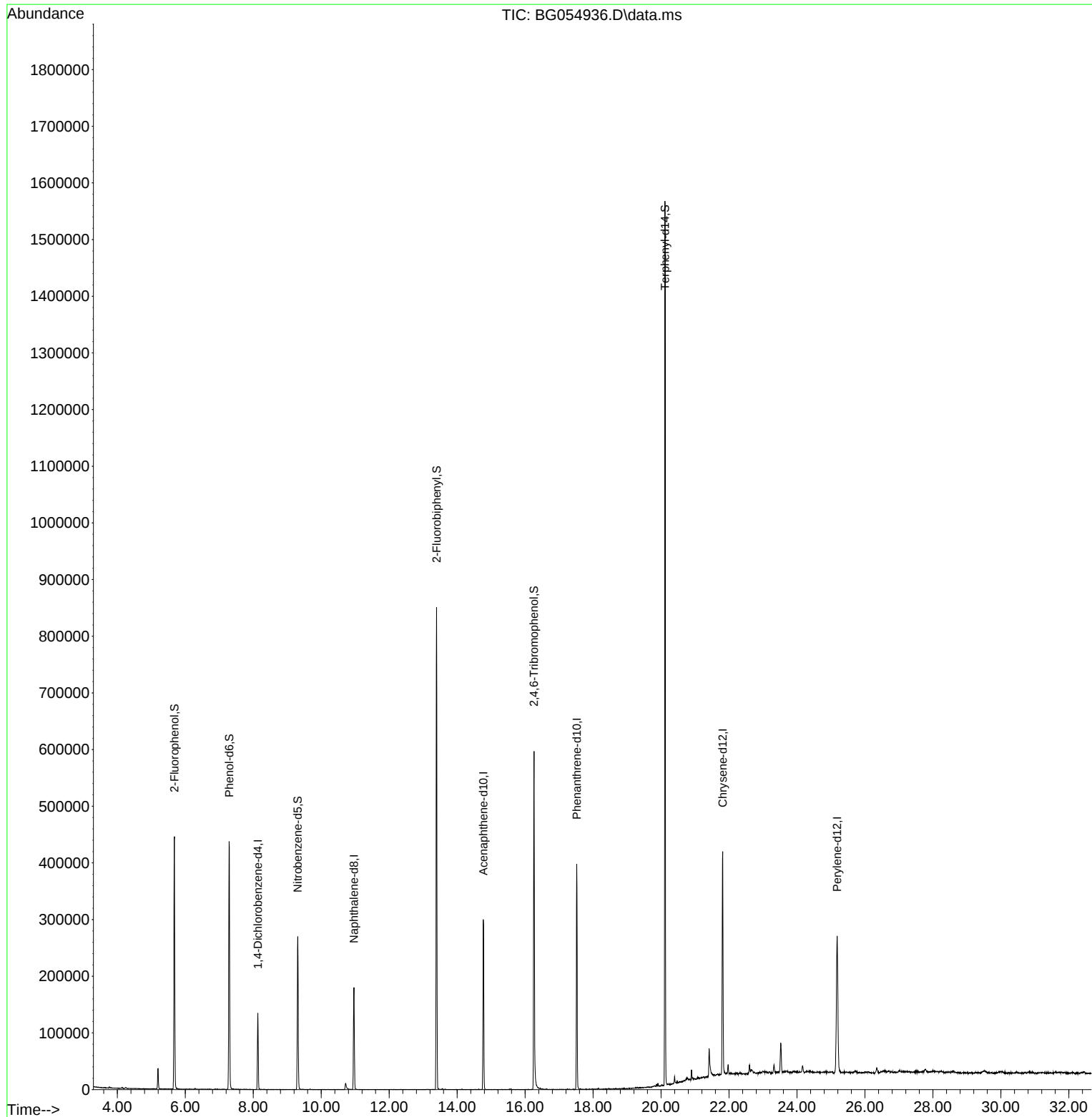
Target Compounds	Qvalue

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

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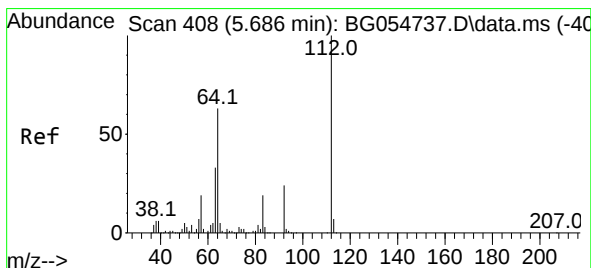
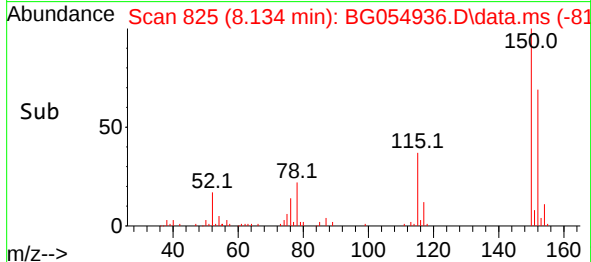
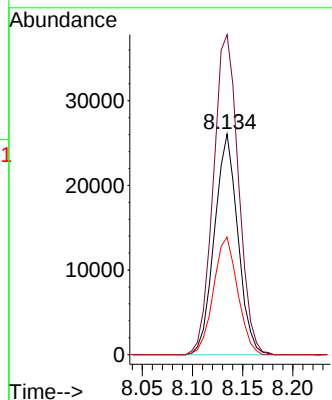
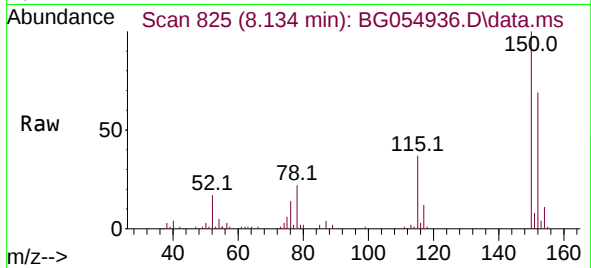




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.134 min Scan# 81
Delta R.T. -0.012 min
Lab File: BG054936.D
Acq: 14 Sep 2022 00:38

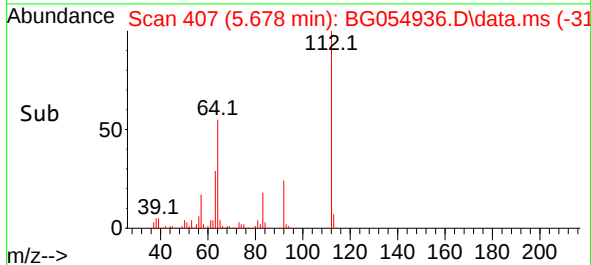
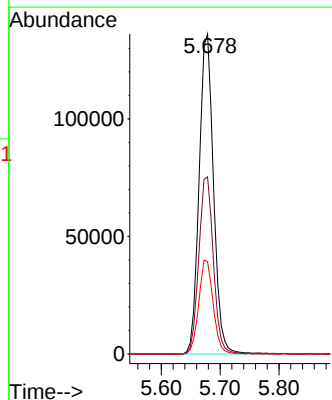
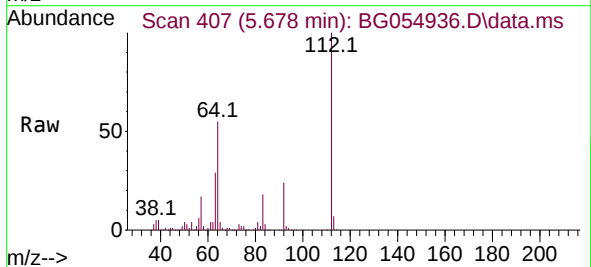
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-2

Tgt Ion:152 Resp: 42319
Ion Ratio Lower Upper
152 100
150 145.0 125.2 187.8
115 53.2 47.9 71.9



#5
2-Fluorophenol
Concen: 95.185 ng
RT: 5.678 min Scan# 407
Delta R.T. -0.006 min
Lab File: BG054936.D
Acq: 14 Sep 2022 00:38

Tgt Ion:112 Resp: 231320
Ion Ratio Lower Upper
112 100
64 55.3 49.3 73.9
63 28.9 26.3 39.5

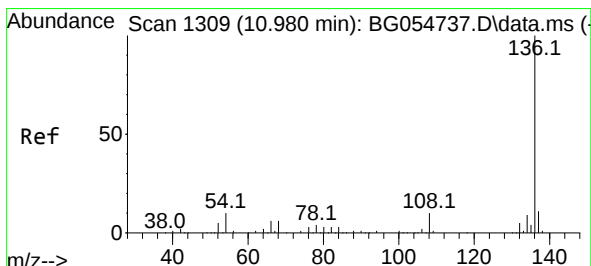
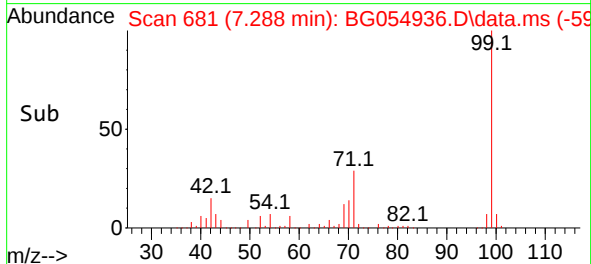
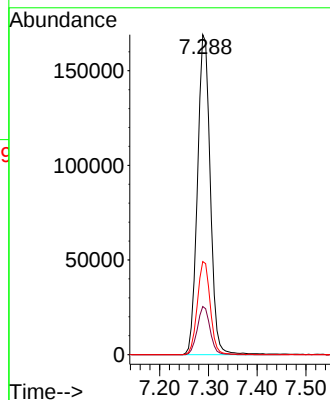
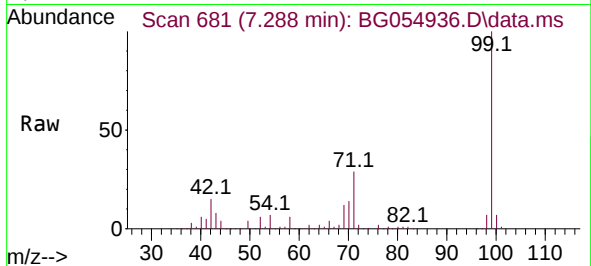




#7
Phenol-d6
Concen: 92.381 ng
RT: 7.288 min Scan# 681
Delta R.T. -0.012 min
Lab File: BG054936.D
Acq: 14 Sep 2022 00:38

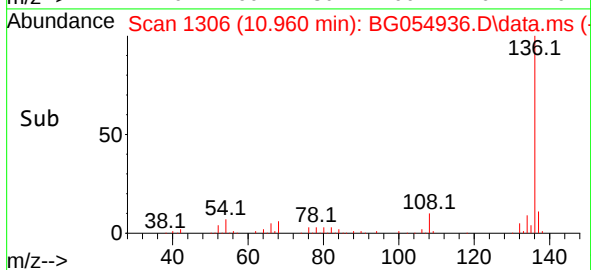
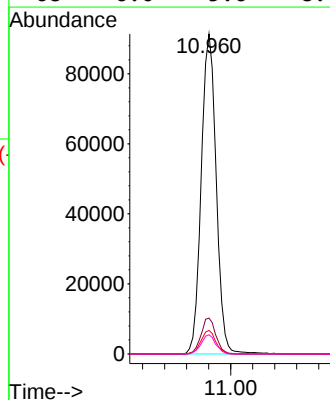
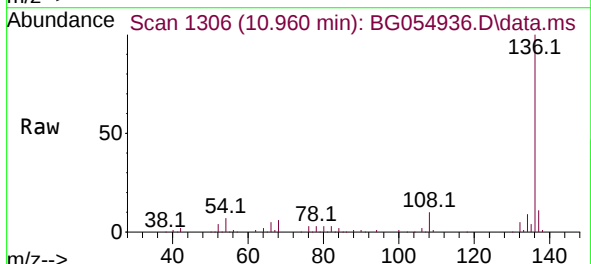
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-2

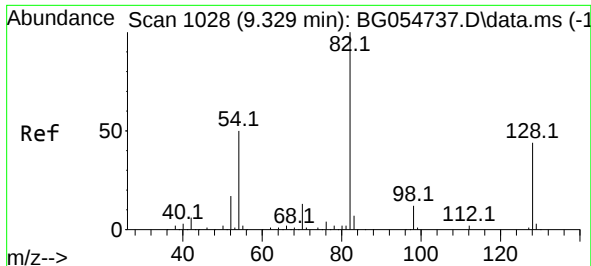
Tgt Ion: 99 Resp: 307031
Ion Ratio Lower Upper
99 100
42 15.0 14.6 22.0
71 29.1 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.960 min Scan# 1306
Delta R.T. -0.012 min
Lab File: BG054936.D
Acq: 14 Sep 2022 00:38

Tgt Ion: 136 Resp: 172258
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 7.3 7.7 11.5#
68 6.0 5.6 8.4





#23

Nitrobenzene-d5

Concen: 54.611 ng

RT: 9.309 min Scan# 1028

Delta R.T. -0.012 min

Lab File: BG054936.D

Acq: 14 Sep 2022 00:38

Instrument :

BNA_G

ClientSampleId :

CHERRY-HILL-COMP-2

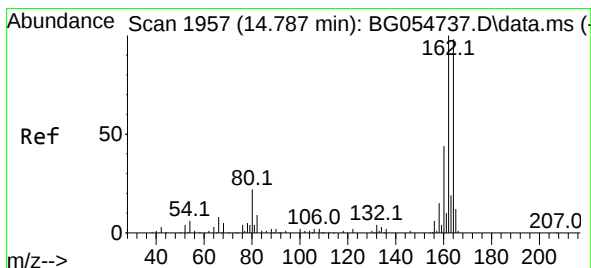
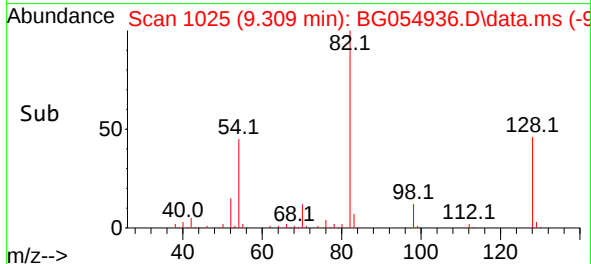
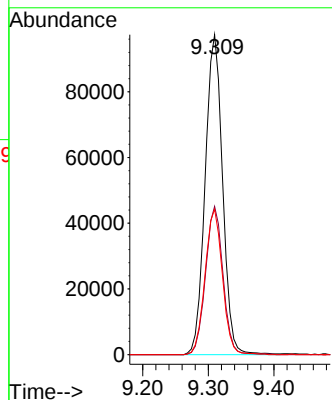
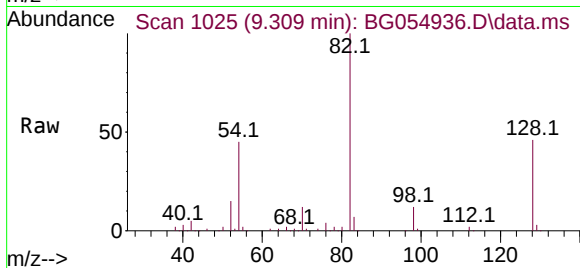
Tgt Ion: 82 Resp: 179197

Ion Ratio Lower Upper

82 100

128 46.3 32.2 48.2

54 45.4 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.768 min Scan# 1954

Delta R.T. -0.012 min

Lab File: BG054936.D

Acq: 14 Sep 2022 00:38

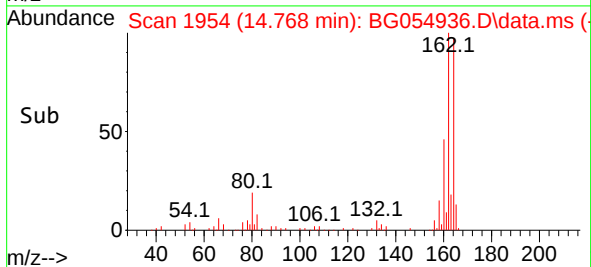
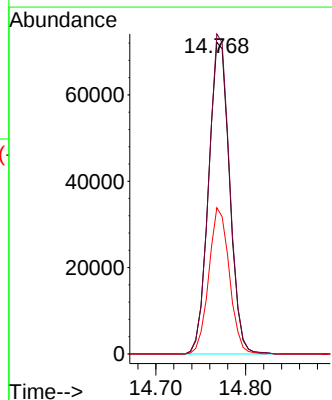
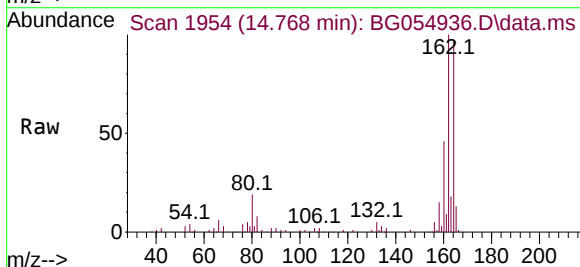
Tgt Ion:164 Resp: 117519

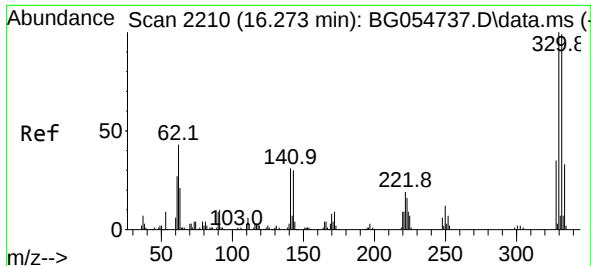
Ion Ratio Lower Upper

164 100

162 102.7 83.0 124.4

160 46.9 38.0 57.0

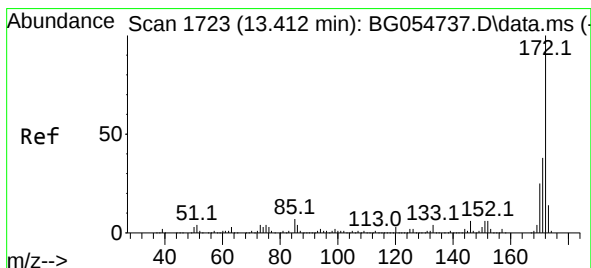
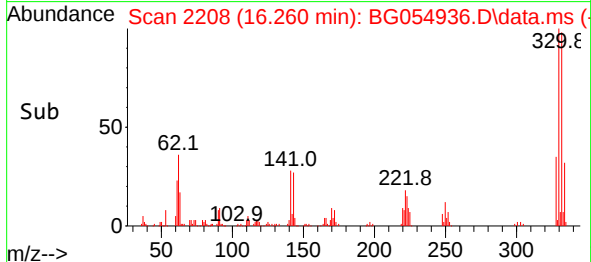
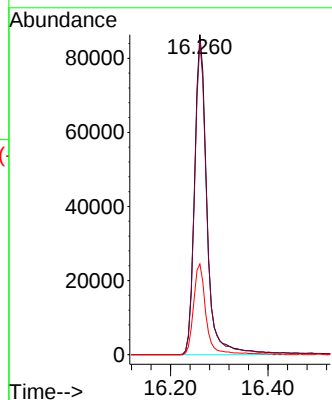
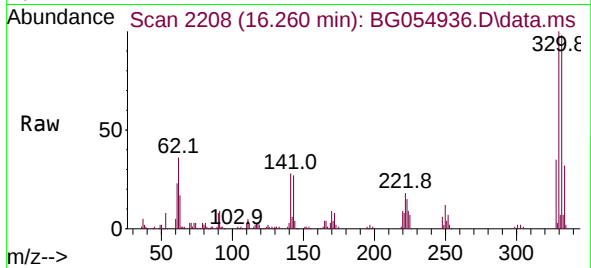




#42
2,4,6-Tribromophenol
Concen: 103.640 ng
RT: 16.260 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG054936.D
Acq: 14 Sep 2022 00:38

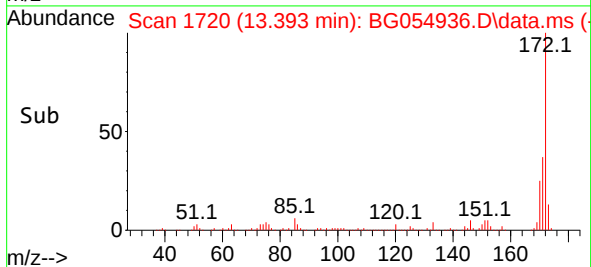
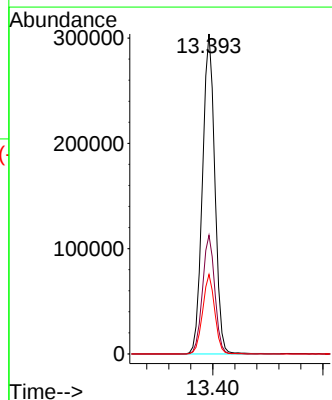
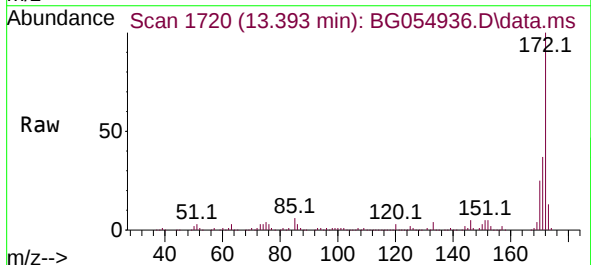
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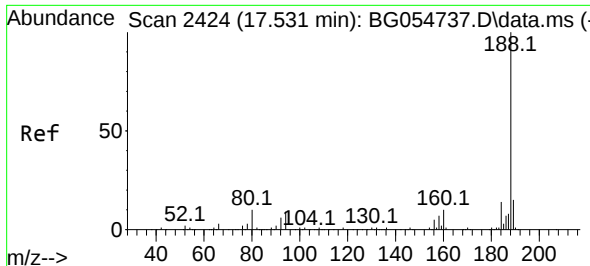
Tgt Ion:330 Resp: 152193
Ion Ratio Lower Upper
330 100
332 97.9 79.8 119.6
141 28.5 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 60.646 ng
RT: 13.393 min Scan# 1720
Delta R.T. -0.012 min
Lab File: BG054936.D
Acq: 14 Sep 2022 00:38

Tgt Ion:172 Resp: 474181
Ion Ratio Lower Upper
172 100
171 37.1 31.2 46.8
170 24.8 20.6 30.8

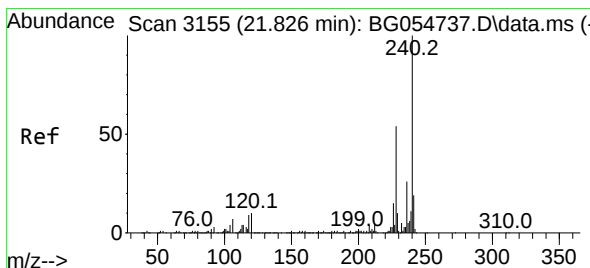
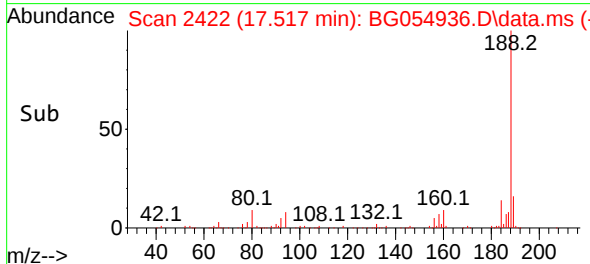
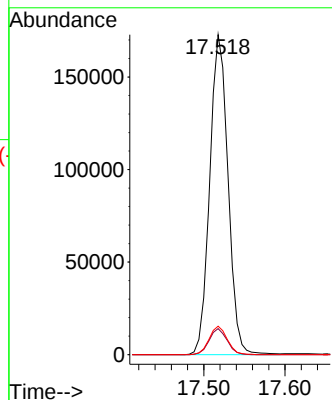
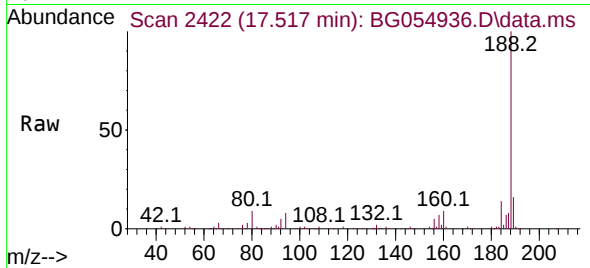




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.517 min Scan# 24
Delta R.T. -0.012 min
Lab File: BG054936.D
Acq: 14 Sep 2022 00:38

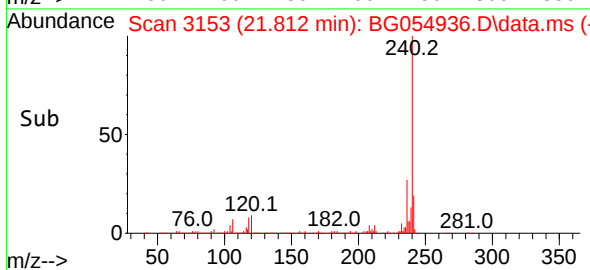
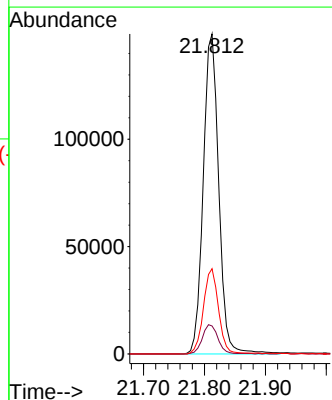
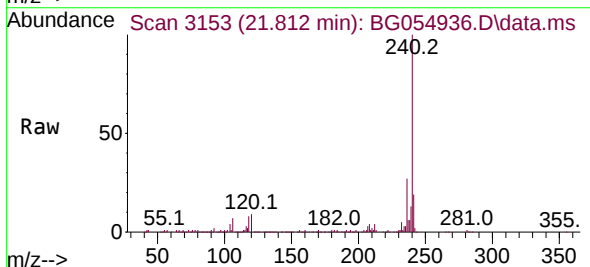
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-2

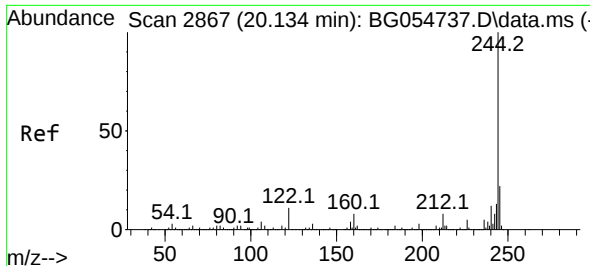
Tgt Ion:188 Resp: 270850
Ion Ratio Lower Upper
188 100
94 8.1 7.0 10.4
80 8.9 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.812 min Scan# 3153
Delta R.T. -0.012 min
Lab File: BG054936.D
Acq: 14 Sep 2022 00:38

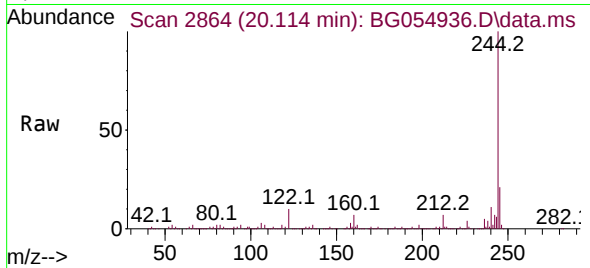
Tgt Ion:240 Resp: 262604
Ion Ratio Lower Upper
240 100
120 8.7 8.2 12.4
236 26.6 21.2 31.8



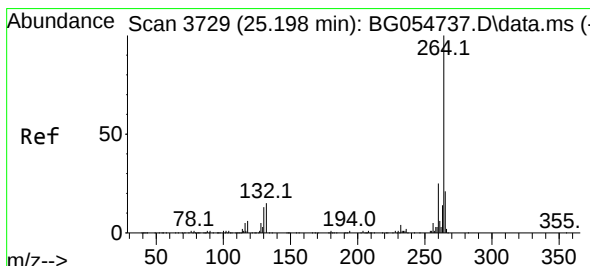
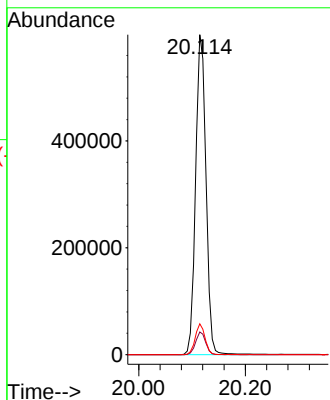
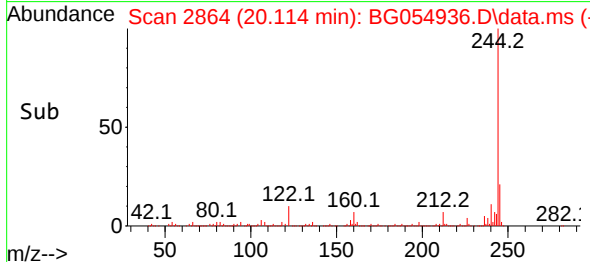


#79
 Terphenyl-d14
 Concen: 60.973 ng
 RT: 20.114 min Scan# 2864
 Delta R.T. -0.012 min
 Lab File: BG054936.D
 Acq: 14 Sep 2022 00:38

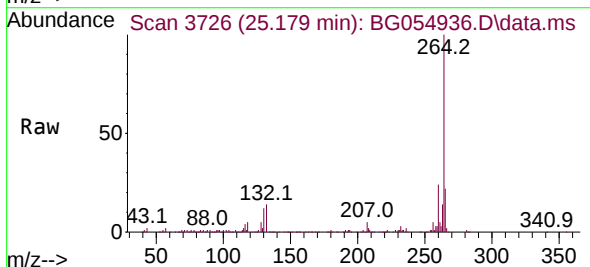
Instrument :
 BNA_G
 ClientSampleId :
 CHERRY-HILL-COMP-2



Tgt Ion:244 Resp: 808108
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.2
 122 9.6 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.179 min Scan# 3726
 Delta R.T. -0.023 min
 Lab File: BG054936.D
 Acq: 14 Sep 2022 00:38



Tgt Ion:264 Resp: 275069
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.9 29.9
 265 21.7 16.9 25.3

