

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
 Data File : BG060134.D
 Acq On : 22 Dec 2023 12:08
 Operator : MA/JU
 Sample : 05898-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-70aD

Quant Time: Dec 22 12:44:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 03:42:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	119166	20.000	ng	-0.01
21) Naphthalene-d8	10.744	136	572536	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	517082	20.000	ng	0.00
64) Phenanthrene-d10	17.325	188	1511495	20.000	ng	0.00
76) Chrysene-d12	21.584	240	1361300	20.000	ng	-0.01
86) Perylene-d12	24.763	264	1231222	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.515	112	1262012	166.873	ng	0.00
7) Phenol-d6	7.101	99	2019186	158.646	ng	0.00
23) Nitrobenzene-d5	9.105	82	1158108	99.090	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	1130360	162.359	ng	0.00
45) 2-Fluorobiphenyl	13.200	172	3231769	93.847	ng	0.00
79) Terphenyl-d14	19.945	244	5586505	74.260	ng	0.00

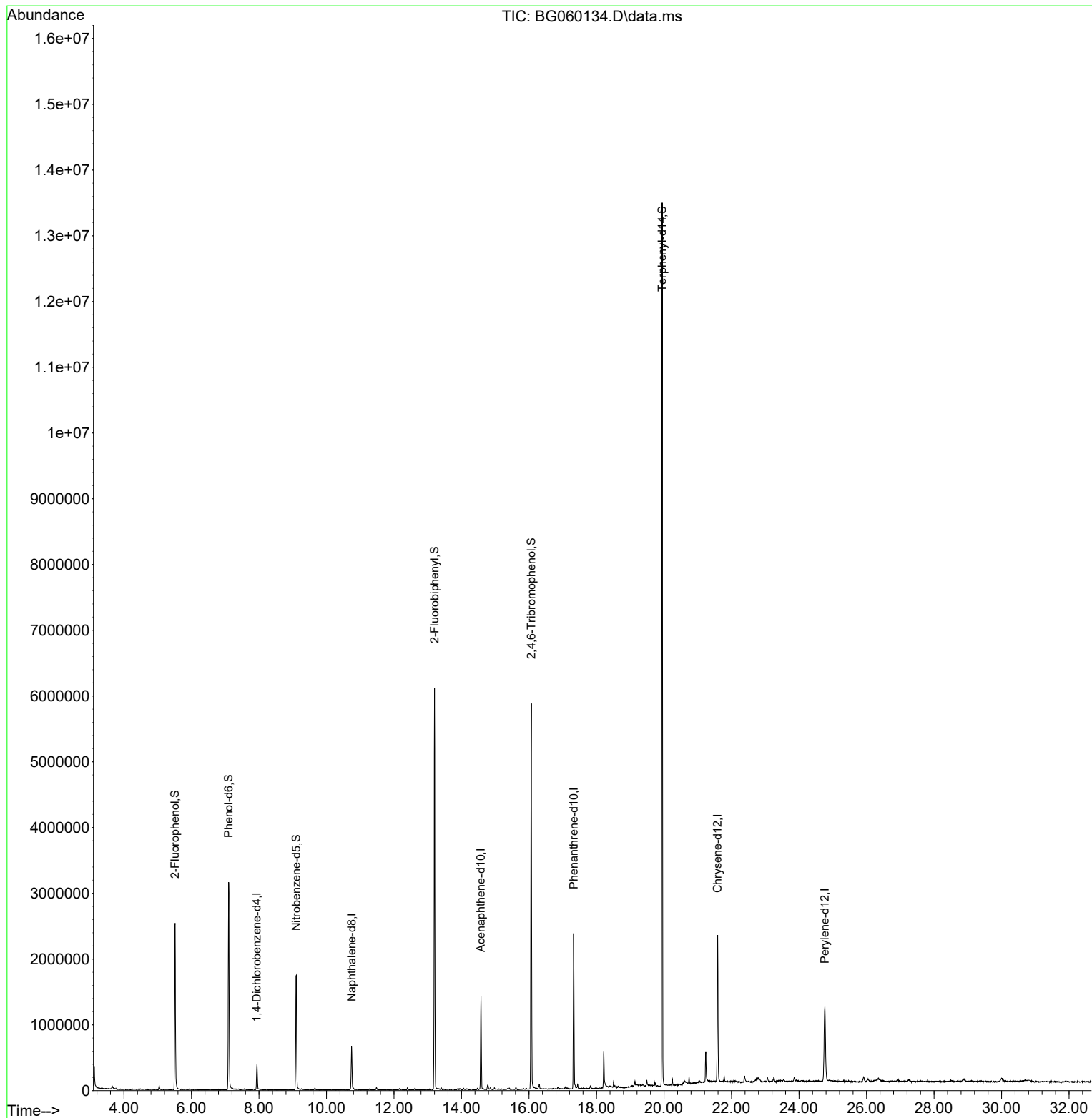
Target Compounds	Qvalue

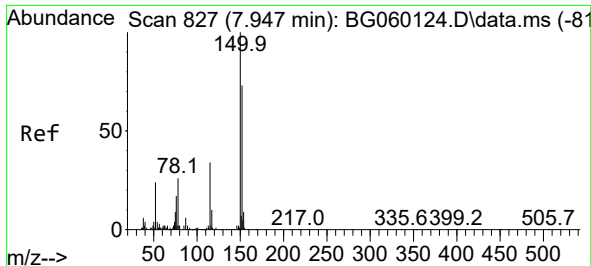
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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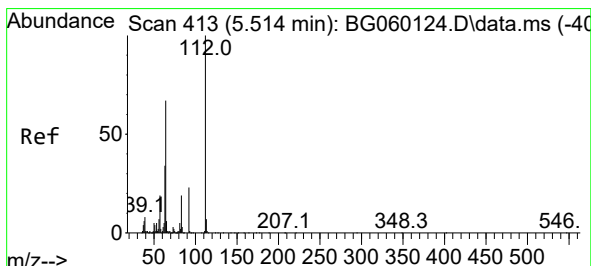
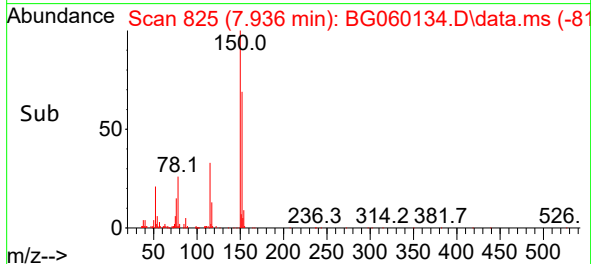
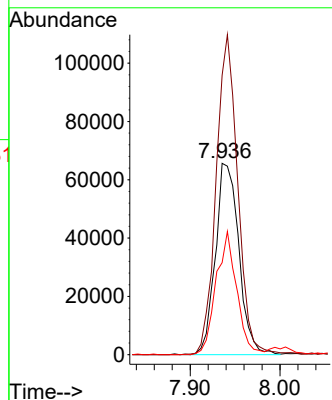
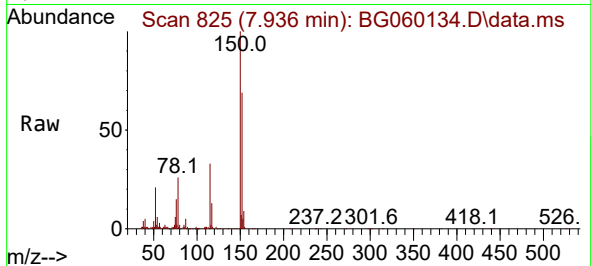




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.936 min Scan# 81
Delta R.T. -0.011 min
Lab File: BG060134.D
Acq: 22 Dec 2023 12:08

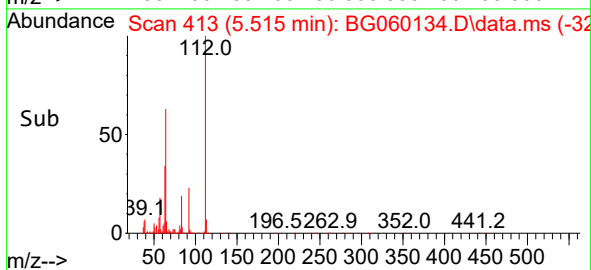
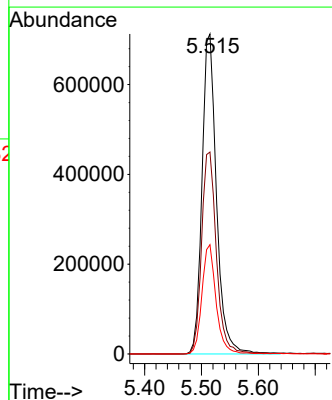
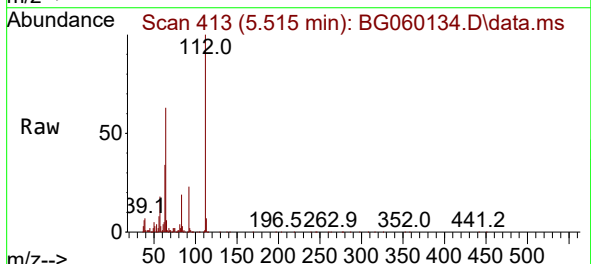
Instrument :
BNA_G
ClientSampleId :
GHL-SS-70aD

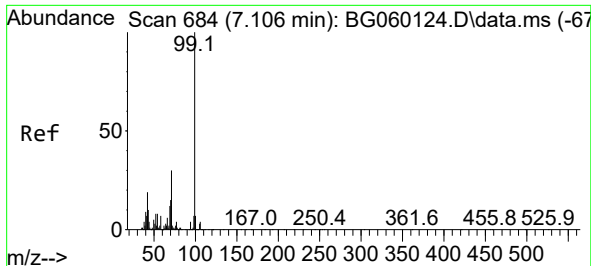
Tgt Ion:152 Resp: 119166
Ion Ratio Lower Upper
152 100
150 146.0 109.4 164.0
115 48.1 36.5 54.7



#5
2-Fluorophenol
Concen: 166.873 ng
RT: 5.515 min Scan# 413
Delta R.T. 0.001 min
Lab File: BG060134.D
Acq: 22 Dec 2023 12:08

Tgt Ion:112 Resp: 1262012
Ion Ratio Lower Upper
112 100
64 63.1 53.3 79.9
63 34.1 27.1 40.7

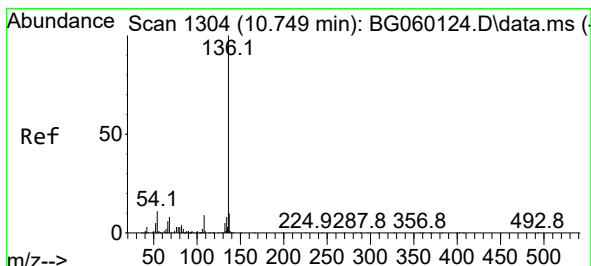
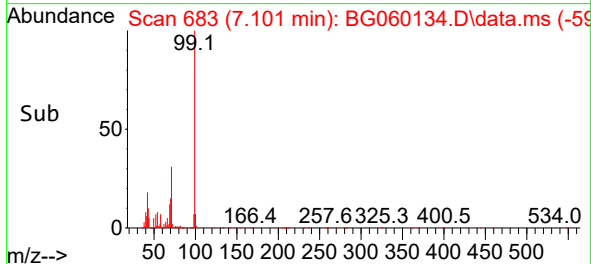
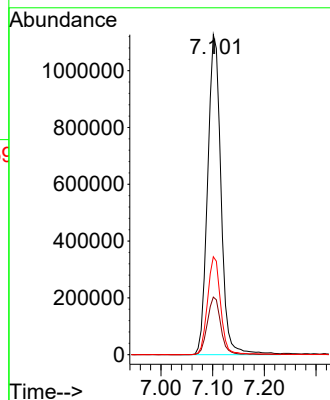
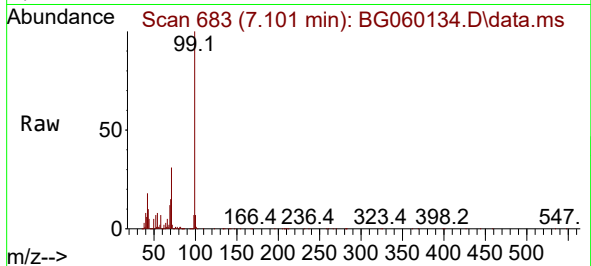




#7
Phenol-d6
Concen: 158.646 ng
RT: 7.101 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG060134.D
Acq: 22 Dec 2023 12:08

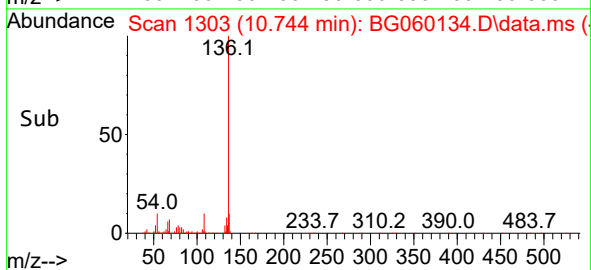
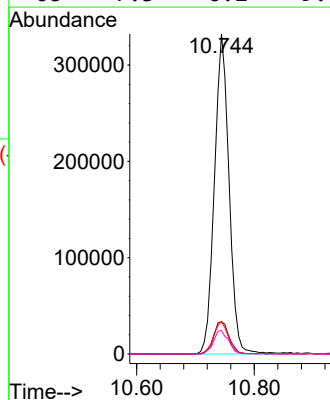
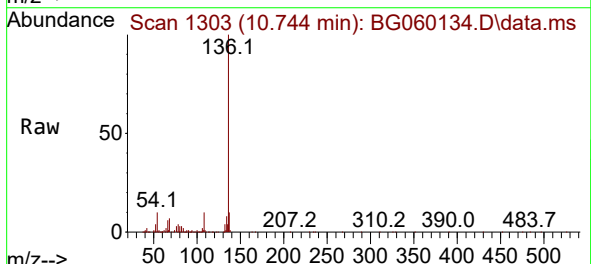
Instrument :
BNA_G
ClientSampleId :
GHL-SS-70aD

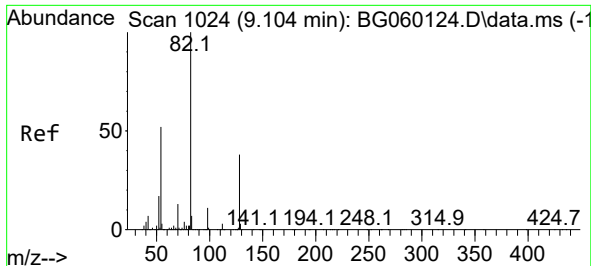
Tgt Ion: 99 Resp: 2019186
Ion Ratio Lower Upper
99 100
42 18.0 15.2 22.8
71 30.6 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.744 min Scan# 1303
Delta R.T. -0.005 min
Lab File: BG060134.D
Acq: 22 Dec 2023 12:08

Tgt Ion: 136 Resp: 572536
Ion Ratio Lower Upper
136 100
137 10.0 8.1 12.1
54 10.1 8.7 13.1
68 7.3 6.2 9.4





#23

Nitrobenzene-d5

Concen: 99.090 ng

RT: 9.105 min Scan# 1024

Delta R.T. 0.001 min

Lab File: BG060134.D

Acq: 22 Dec 2023 12:08

Instrument :

BNA_G

ClientSampleId :

GHL-SS-70aD

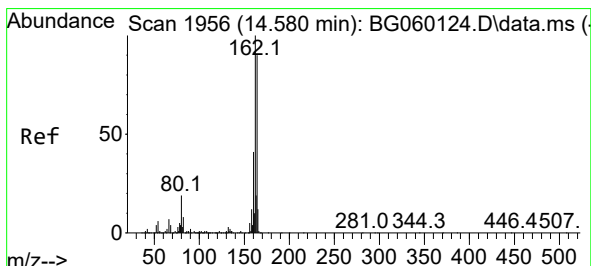
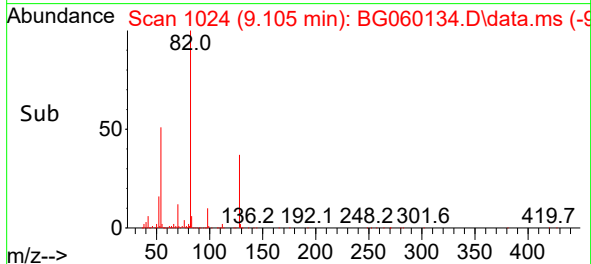
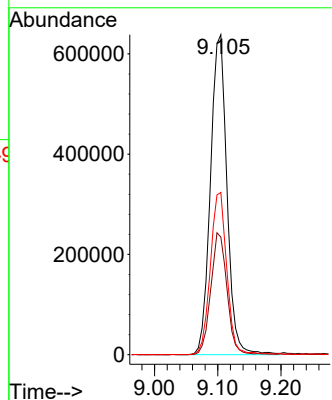
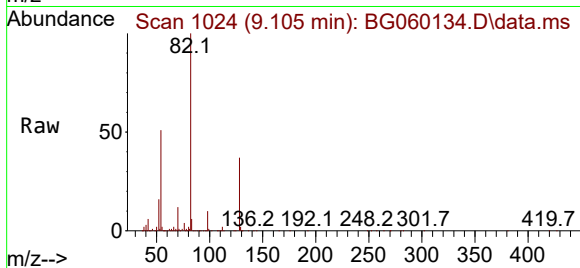
Tgt Ion: 82 Resp: 1158108

Ion Ratio Lower Upper

82 100

128 36.7 30.5 45.7

54 50.7 41.9 62.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.575 min Scan# 1955

Delta R.T. -0.005 min

Lab File: BG060134.D

Acq: 22 Dec 2023 12:08

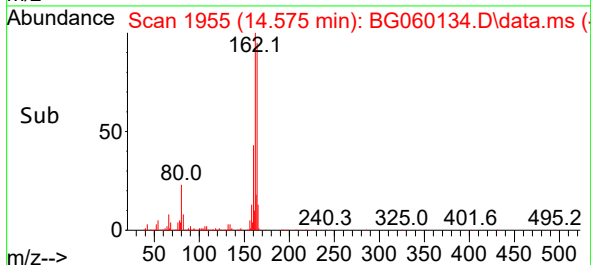
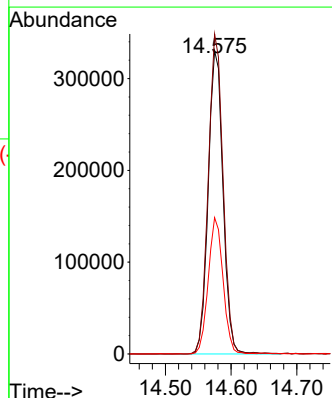
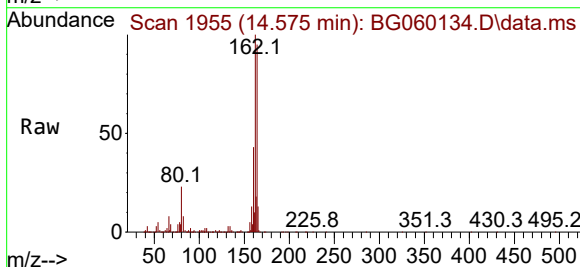
Tgt Ion: 164 Resp: 517082

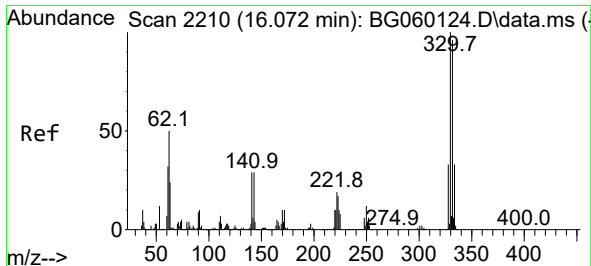
Ion Ratio Lower Upper

164 100

162 105.6 88.5 132.7

160 45.0 36.2 54.2

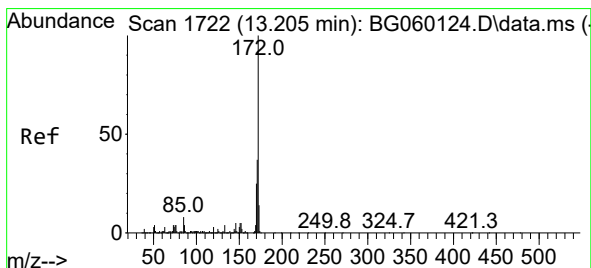
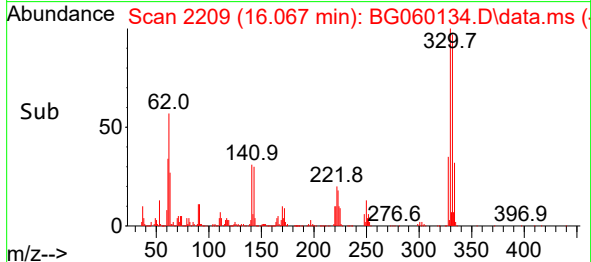
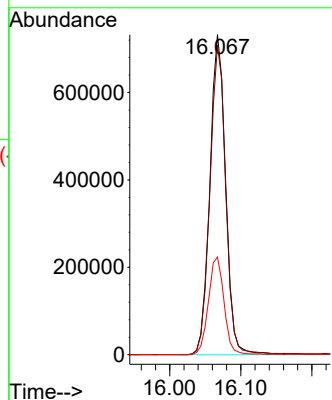
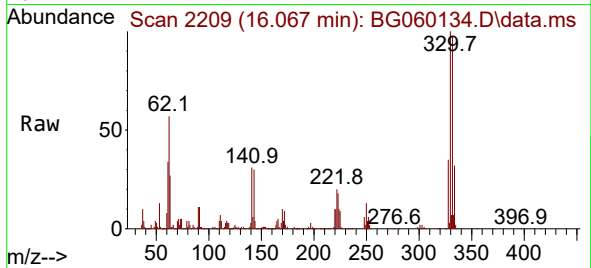




#42
2,4,6-Tribromophenol
Concen: 162.359 ng
RT: 16.067 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG060134.D
Acq: 22 Dec 2023 12:08

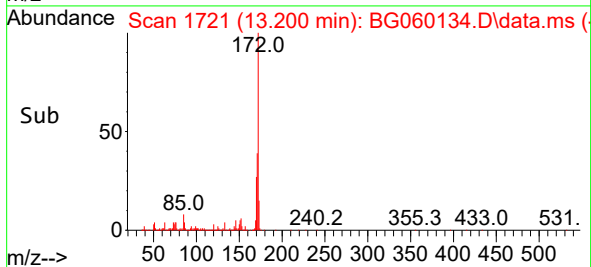
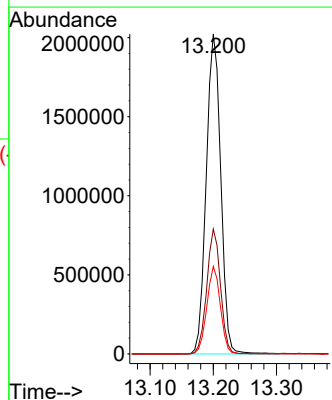
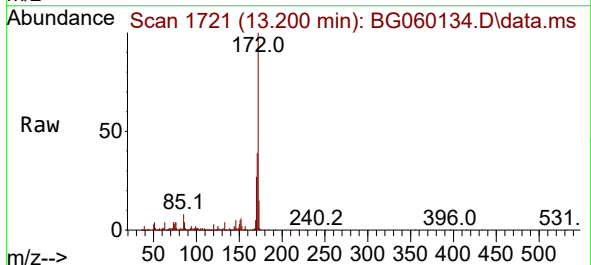
Instrument :
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GHL-SS-70aD

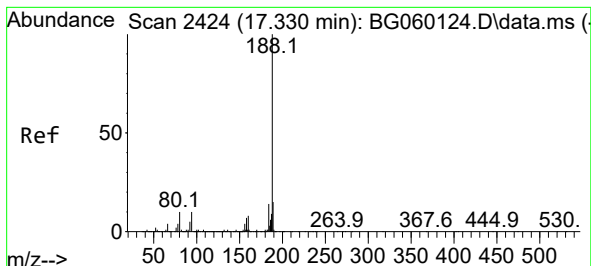
Tgt Ion:330 Resp: 1130360
Ion Ratio Lower Upper
330 100
332 96.8 75.5 113.3
141 30.3 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 93.847 ng
RT: 13.200 min Scan# 1721
Delta R.T. -0.005 min
Lab File: BG060134.D
Acq: 22 Dec 2023 12:08

Tgt Ion:172 Resp: 3231769
Ion Ratio Lower Upper
172 100
171 39.0 29.2 43.8
170 27.4 20.1 30.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.325 min Scan# 24

Delta R.T. -0.005 min

Lab File: BG060134.D

Acq: 22 Dec 2023 12:08

Instrument :

BNA_G

ClientSampleId :

GHL-SS-70aD

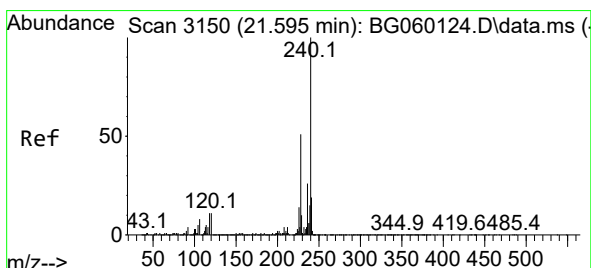
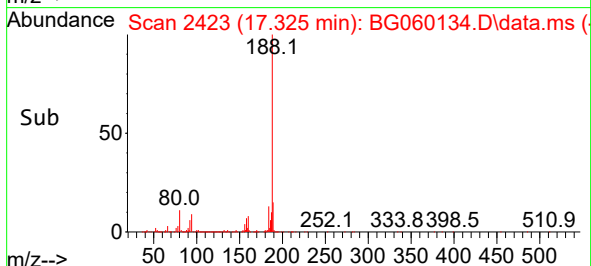
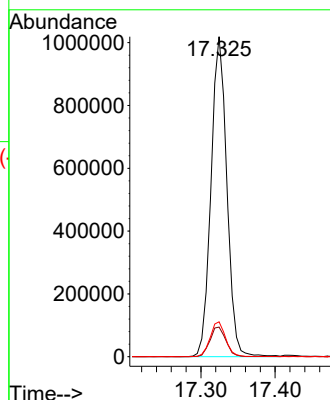
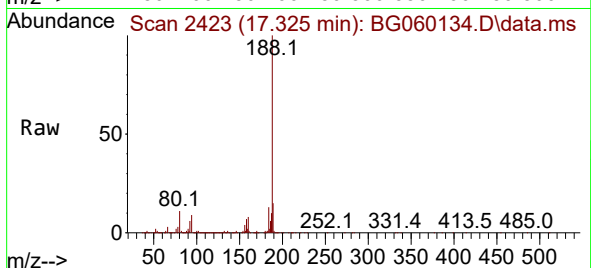
Tgt Ion:188 Resp: 1511495

Ion Ratio Lower Upper

188 100

94 9.2 7.6 11.4

80 10.9 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.584 min Scan# 3148

Delta R.T. -0.011 min

Lab File: BG060134.D

Acq: 22 Dec 2023 12:08

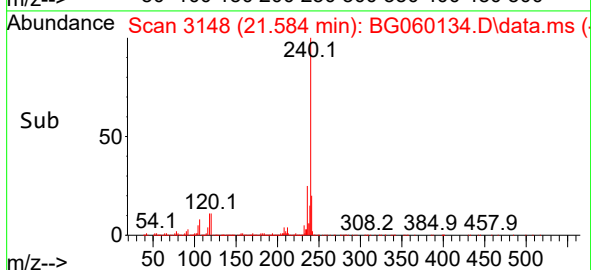
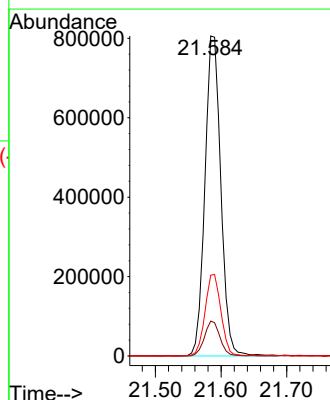
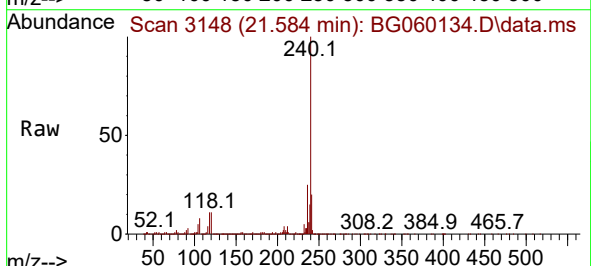
Tgt Ion:240 Resp: 1361300

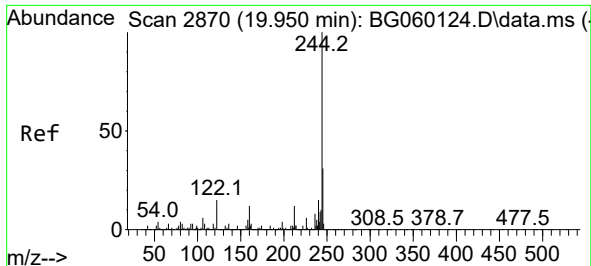
Ion Ratio Lower Upper

240 100

120 10.9 9.0 13.6

236 25.3 20.4 30.6





#79

Terphenyl-d14

Concen: 74.260 ng

RT: 19.945 min Scan# 2869

Delta R.T. -0.005 min

Lab File: BG060134.D

Acq: 22 Dec 2023 12:08

Instrument :

BNA_G

ClientSampleId :

GHL-SS-70aD

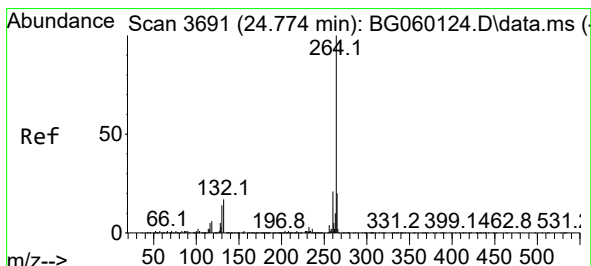
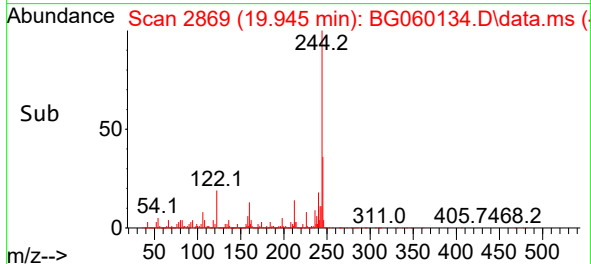
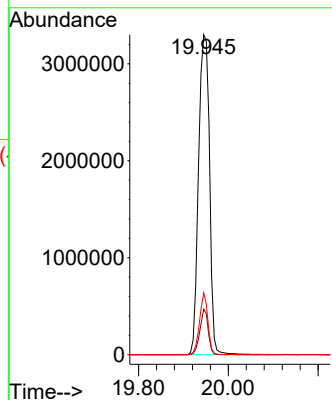
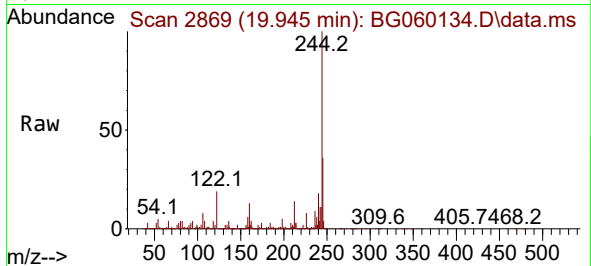
Tgt Ion:244 Resp: 5586505

Ion Ratio Lower Upper

244 100

212 14.2 9.5 14.3

122 19.3 12.2 18.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.763 min Scan# 3689

Delta R.T. -0.011 min

Lab File: BG060134.D

Acq: 22 Dec 2023 12:08

Tgt Ion:264 Resp: 1231222

Ion Ratio Lower Upper

264 100

260 23.4 17.1 25.7

265 21.5 16.0 24.0

