

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
 Data File : BG060140.D
 Acq On : 22 Dec 2023 16:11
 Operator : MA/JU
 Sample : 05900-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-61

Quant Time: Dec 22 17:33:27 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)

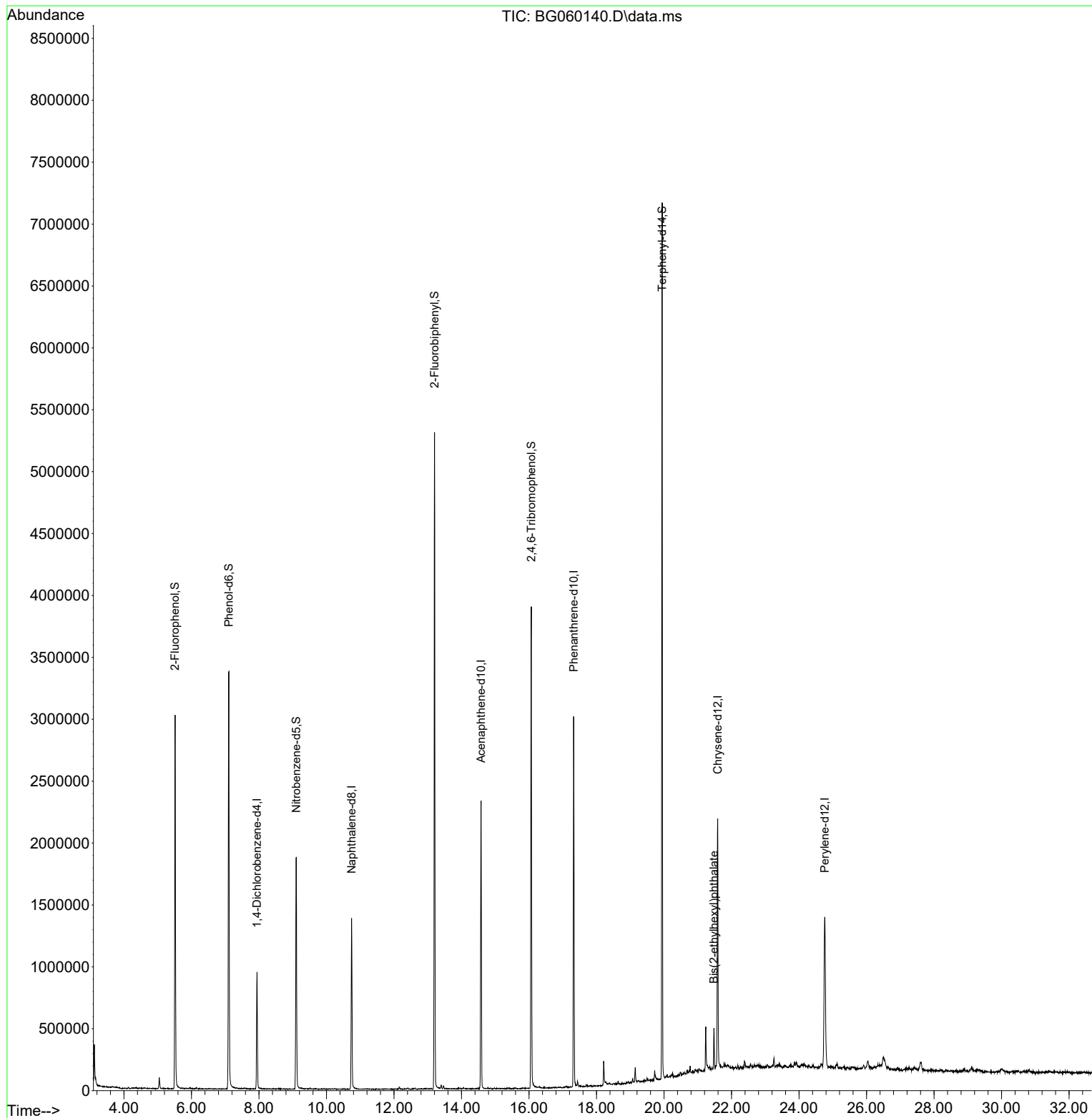
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	287368	20.000	ng	# 0.00
21) Naphthalene-d8	10.743	136	1180882	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	840636	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	1918015	20.000	ng	0.00
76) Chrysene-d12	21.589	240	1203468	20.000	ng	0.00
86) Perylene-d12	24.762	264	1358911	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.514	112	1414205	77.544	ng	0.00
7) Phenol-d6	7.106	99	2176206	70.903	ng	0.00
23) Nitrobenzene-d5	9.104	82	1241408	51.498	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	782556	69.139	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	2871943	51.299	ng	0.00
79) Terphenyl-d14	19.944	244	3474102	52.237	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	21.478	149	130727	3.186	ng	# 99

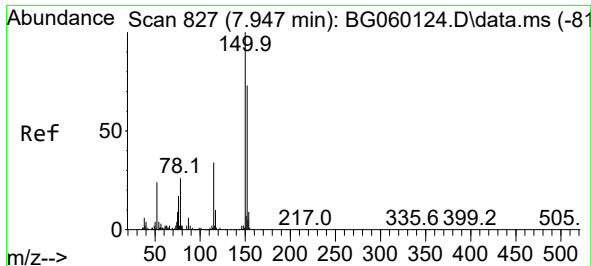
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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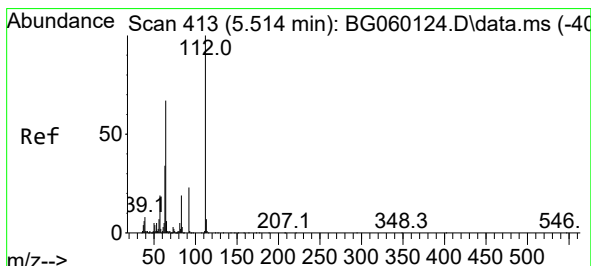
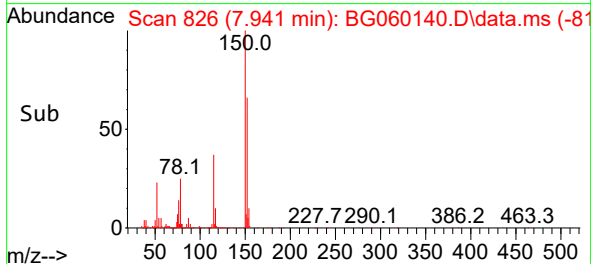
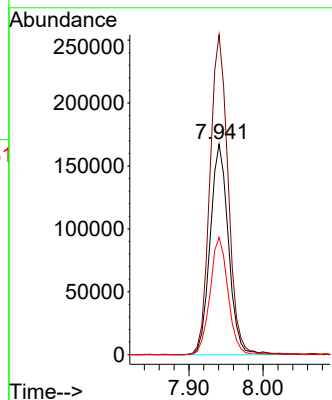
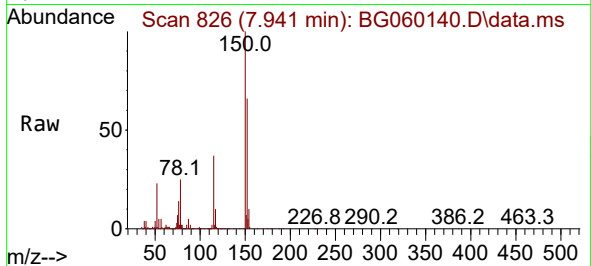




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060140.D
Acq: 22 Dec 2023 16:11

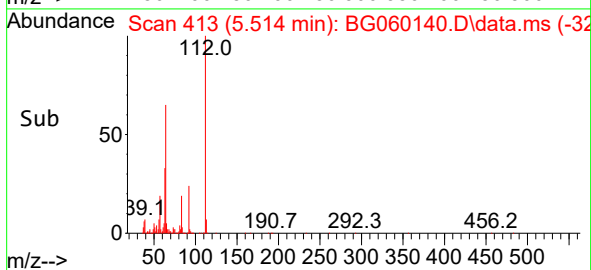
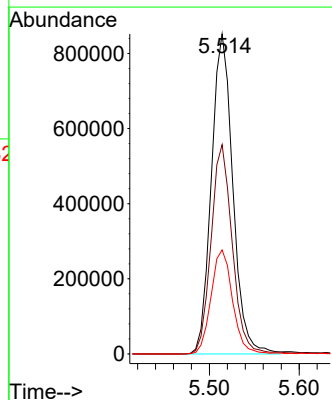
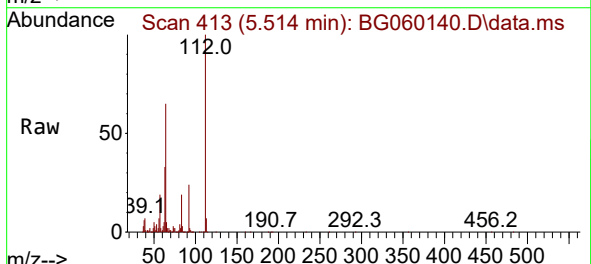
Instrument :
BNA_G
ClientSampleId :
GHL-SS-61

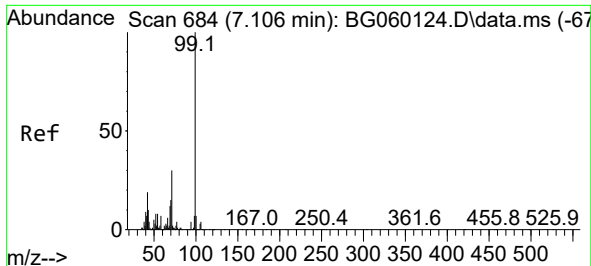
Tgt Ion:152 Resp: 287368
Ion Ratio Lower Upper
152 100
150 152.0 109.4 164.0
115 55.7 36.5 54.7#



#5
2-Fluorophenol
Concen: 77.544 ng
RT: 5.514 min Scan# 413
Delta R.T. 0.000 min
Lab File: BG060140.D
Acq: 22 Dec 2023 16:11

Tgt Ion:112 Resp: 1414205
Ion Ratio Lower Upper
112 100
64 65.4 53.3 79.9
63 32.5 27.1 40.7

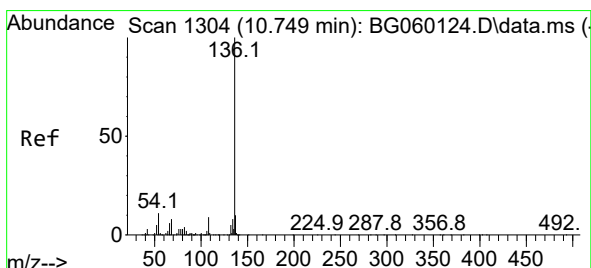
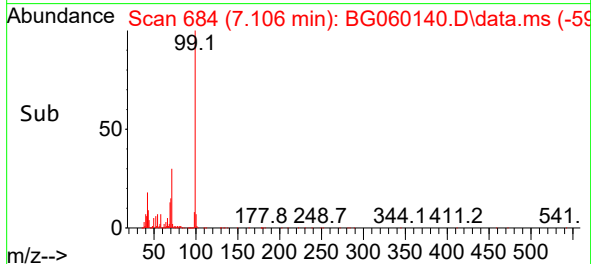
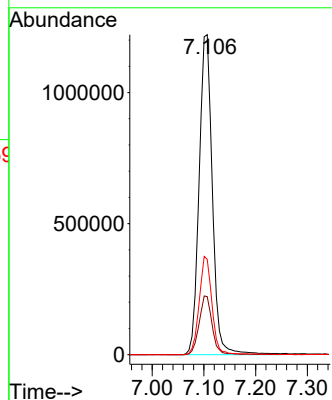
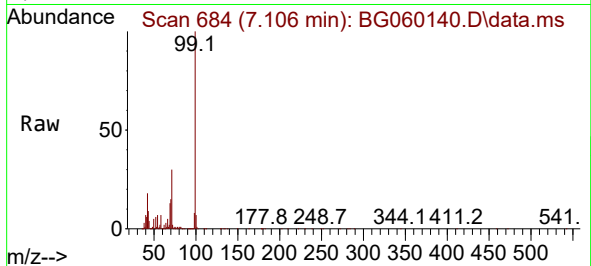




#7
Phenol-d6
Concen: 70.903 ng
RT: 7.106 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG060140.D
Acq: 22 Dec 2023 16:11

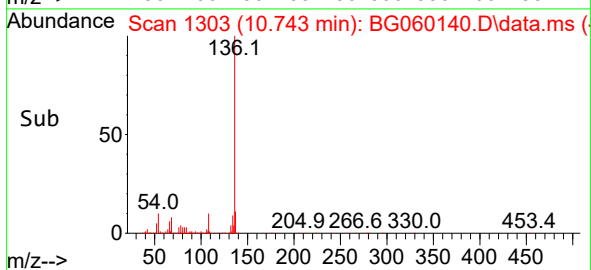
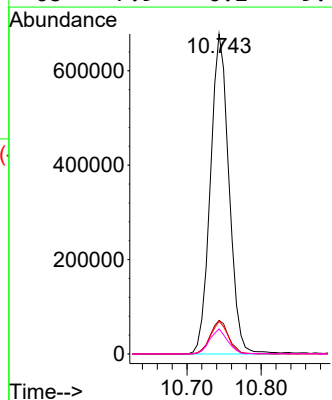
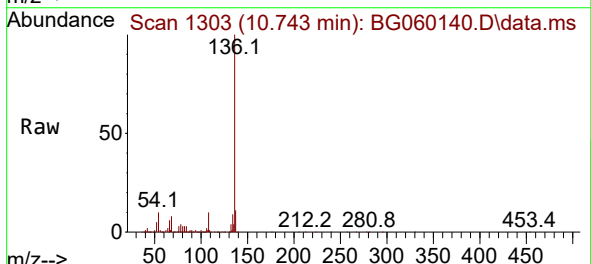
Instrument :
BNA_G
ClientSampleId :
GHL-SS-61

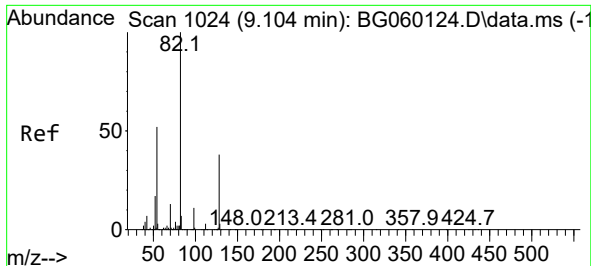
Tgt Ion: 99 Resp: 2176206
Ion Ratio Lower Upper
99 100
42 18.1 15.2 22.8
71 29.8 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.743 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BG060140.D
Acq: 22 Dec 2023 16:11

Tgt Ion: 136 Resp: 1180882
Ion Ratio Lower Upper
136 100
137 10.5 8.1 12.1
54 10.2 8.7 13.1
68 7.9 6.2 9.4





#23

Nitrobenzene-d5

Concen: 51.498 ng

RT: 9.104 min Scan# 1024

Delta R.T. 0.000 min

Lab File: BG060140.D

Acq: 22 Dec 2023 16:11

Instrument :

BNA_G

ClientSampleId :

GHL-SS-61

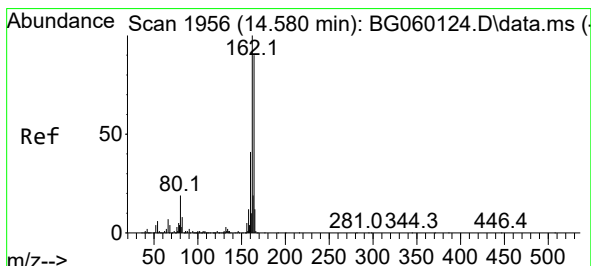
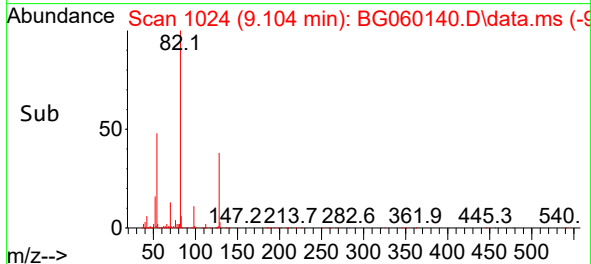
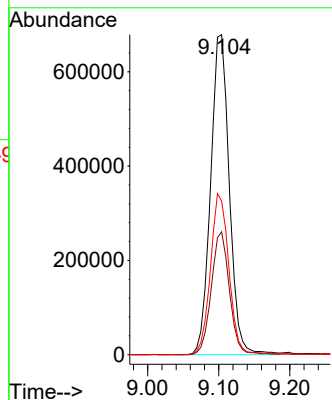
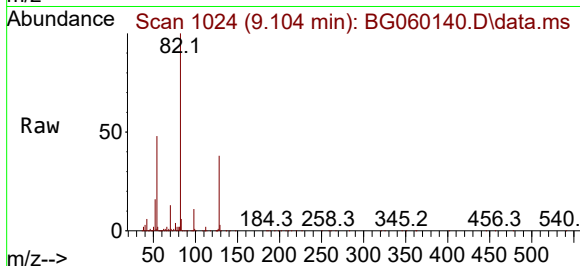
Tgt Ion: 82 Resp: 1241408

Ion Ratio Lower Upper

82 100

128 38.4 30.5 45.7

54 48.0 41.9 62.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.574 min Scan# 1955

Delta R.T. -0.006 min

Lab File: BG060140.D

Acq: 22 Dec 2023 16:11

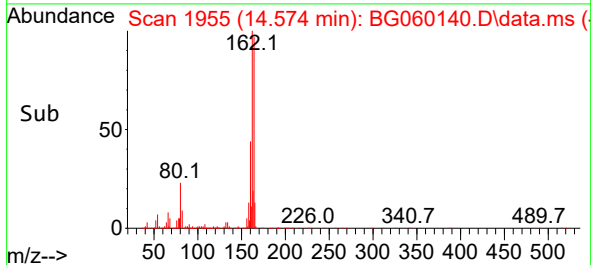
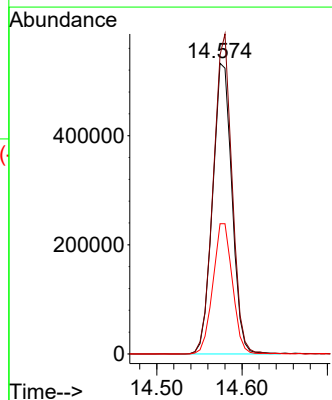
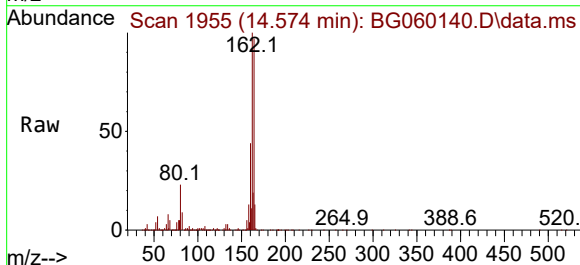
Tgt Ion:164 Resp: 840636

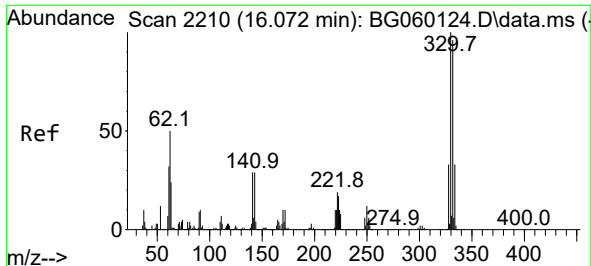
Ion Ratio Lower Upper

164 100

162 102.8 88.5 132.7

160 44.8 36.2 54.2

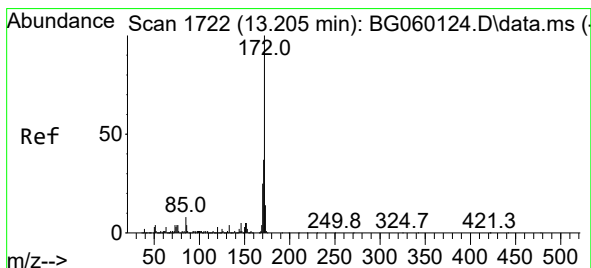
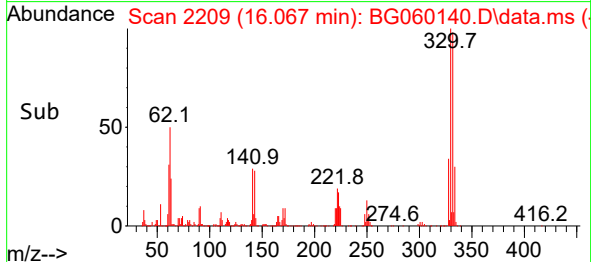
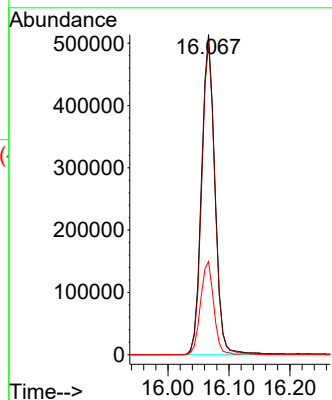
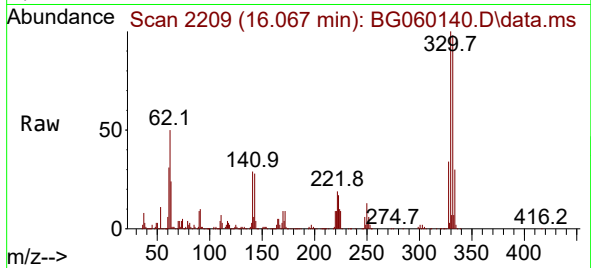




#42
2,4,6-Tribromophenol
Concen: 69.139 ng
RT: 16.067 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060140.D
Acq: 22 Dec 2023 16:11

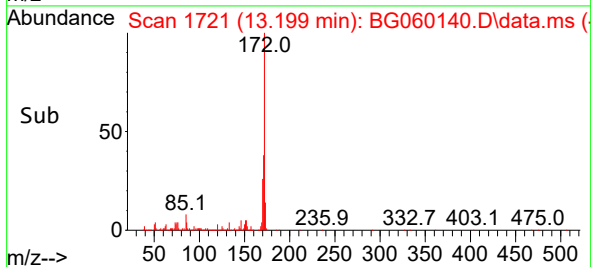
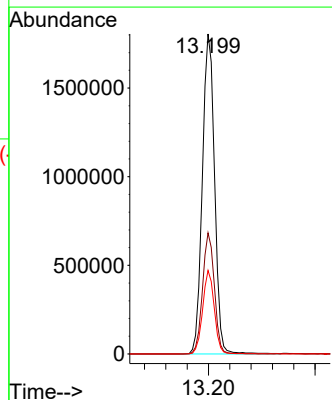
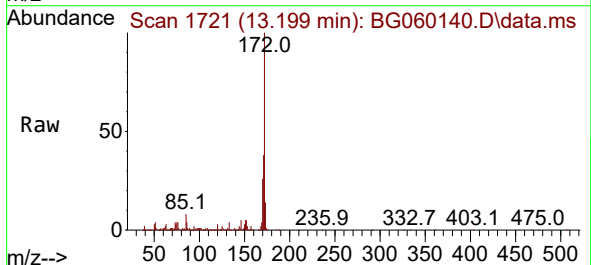
Instrument :
BNA_G
ClientSampleId :
GHL-SS-61

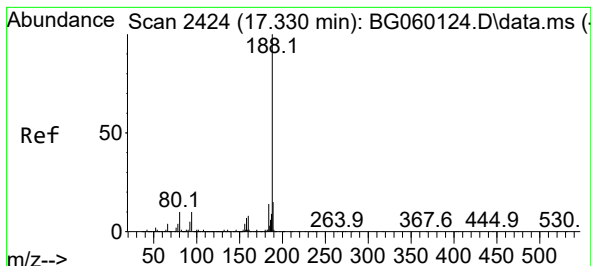
Tgt Ion:330 Resp: 782556
Ion Ratio Lower Upper
330 100
332 96.5 75.5 113.3
141 28.5 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 51.299 ng
RT: 13.199 min Scan# 1721
Delta R.T. -0.006 min
Lab File: BG060140.D
Acq: 22 Dec 2023 16:11

Tgt Ion:172 Resp: 2871943
Ion Ratio Lower Upper
172 100
171 37.8 29.2 43.8
170 26.1 20.1 30.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.324 min Scan# 24

Delta R.T. -0.006 min

Lab File: BG060140.D

Acq: 22 Dec 2023 16:11

Instrument :

BNA_G

ClientSampleId :

GHL-SS-61

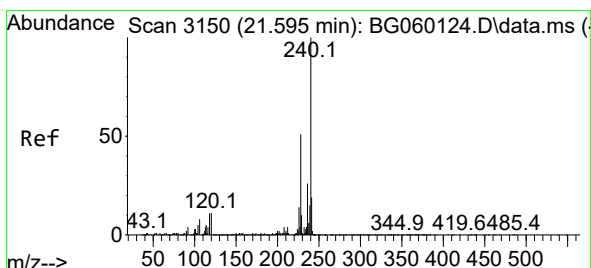
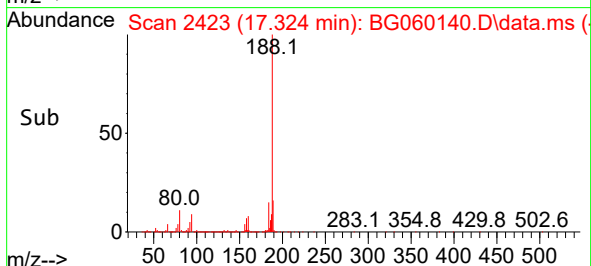
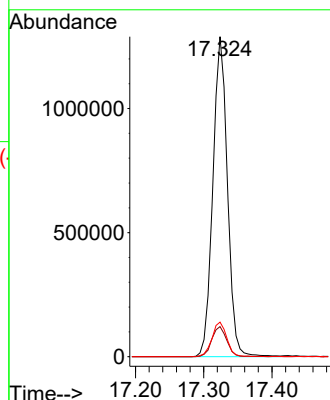
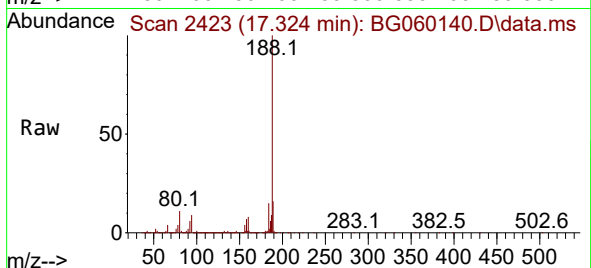
Tgt Ion:188 Resp: 1918015

Ion Ratio Lower Upper

188 100

94 9.4 7.6 11.4

80 10.8 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.589 min Scan# 3149

Delta R.T. -0.006 min

Lab File: BG060140.D

Acq: 22 Dec 2023 16:11

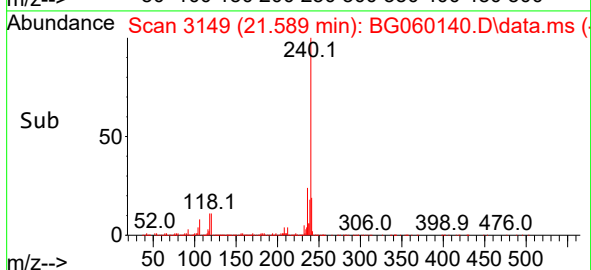
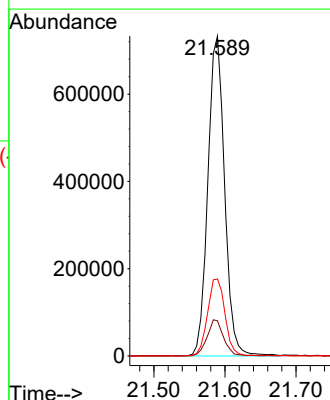
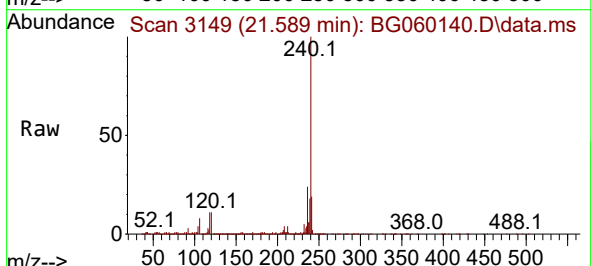
Tgt Ion:240 Resp: 1203468

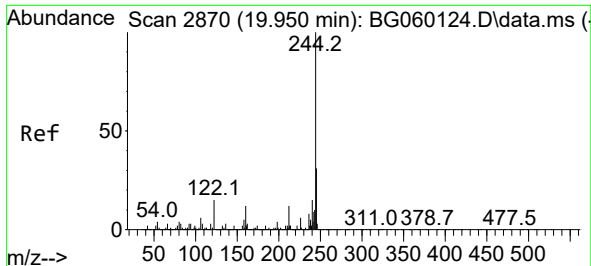
Ion Ratio Lower Upper

240 100

120 11.0 9.0 13.6

236 24.1 20.4 30.6





#79

Terphenyl-d14

Concen: 52.237 ng

RT: 19.944 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG060140.D

Acq: 22 Dec 2023 16:11

Instrument :

BNA_G

ClientSampleId :

GHL-SS-61

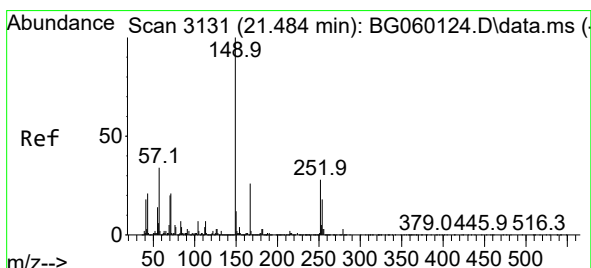
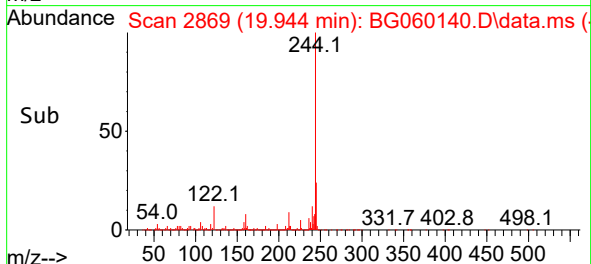
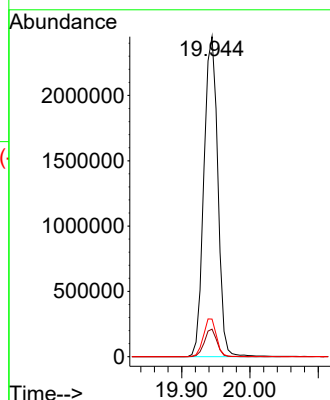
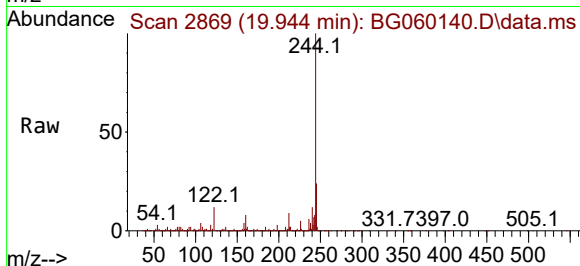
Tgt Ion:244 Resp: 3474102

Ion Ratio Lower Upper

244 100

212 8.6 9.5 14.3#

122 11.8 12.2 18.4#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.186 ng

RT: 21.478 min Scan# 3130

Delta R.T. -0.006 min

Lab File: BG060140.D

Acq: 22 Dec 2023 16:11

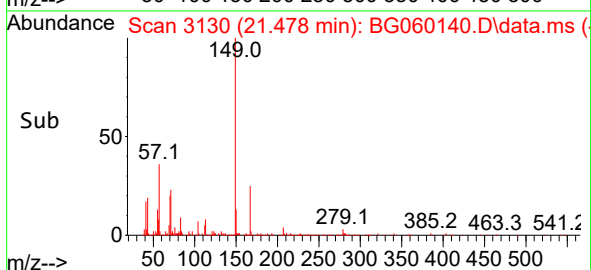
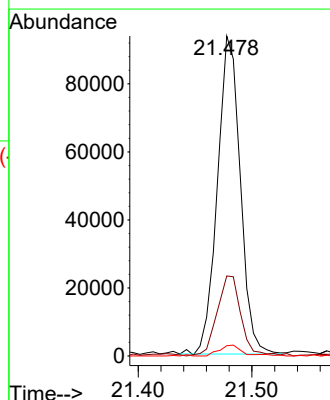
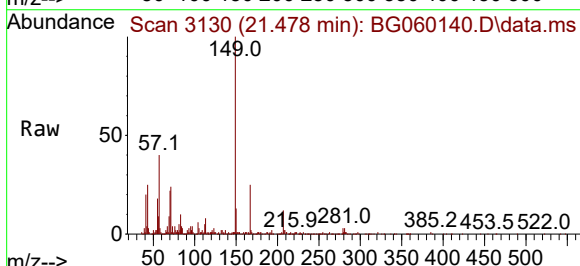
Tgt Ion:149 Resp: 130727

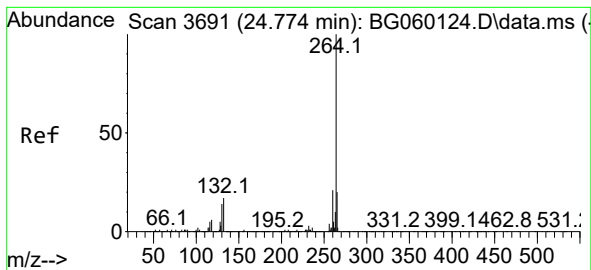
Ion Ratio Lower Upper

149 100

167 25.0 20.5 30.7

279 3.2 2.1 3.1#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.762 min Scan# 30

Delta R.T. -0.012 min

Lab File: BG060140.D

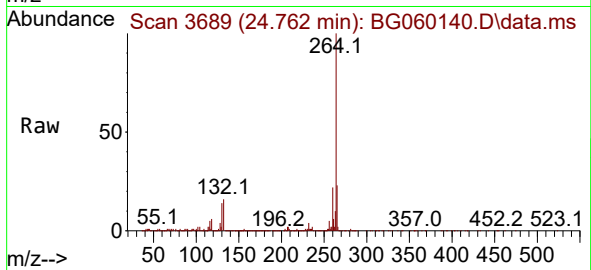
Acq: 22 Dec 2023 16:11

Instrument :

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Tgt Ion:264 Resp: 1358911

Ion Ratio Lower Upper

264 100

260 22.5 17.1 25.7

265 22.8 16.0 24.0

