

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
 Data File : BG060135.D
 Acq On : 22 Dec 2023 12:49
 Operator : MA/JU
 Sample : 05898-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-71a

Quant Time: Dec 22 13:54:43 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	7.943	152	181475	20.000	ng	0.00
21) Naphthalene-d8	10.746	136	822487	20.000	ng	0.00
39) Acenaphthene-d10	14.577	164	669111	20.000	ng	0.00
64) Phenanthrene-d10	17.326	188	1718963	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1249443	20.000	ng	0.00
86) Perylene-d12	24.765	264	1229865	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	1810851	157.232	ng	0.00
7) Phenol-d6	7.103	99	2781534	143.507	ng	0.00
23) Nitrobenzene-d5	9.101	82	1651903	98.387	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	1308183	145.207	ng	0.00
45) 2-Fluorobiphenyl	13.202	172	4093593	91.864	ng	0.00
79) Terphenyl-d14	19.947	244	5623254	81.440	ng	0.00

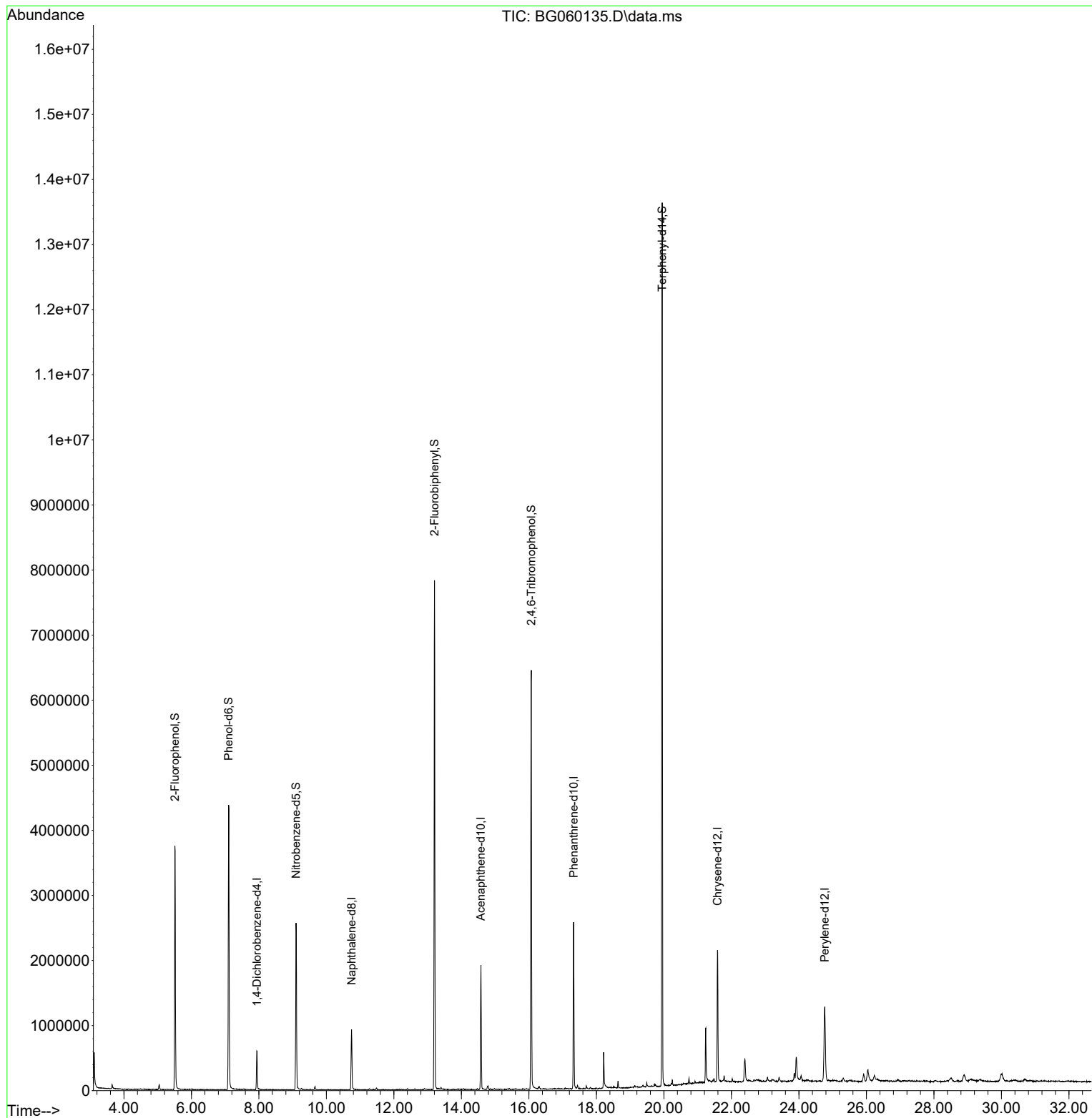
Target Compounds	Qvalue

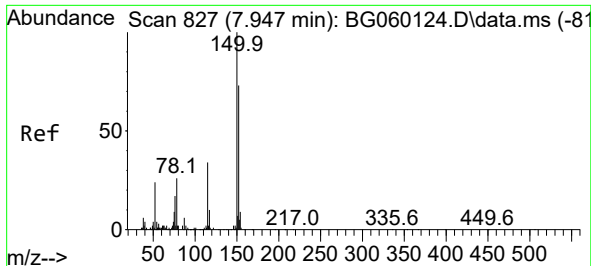
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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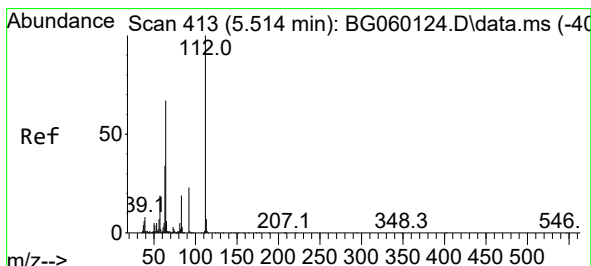
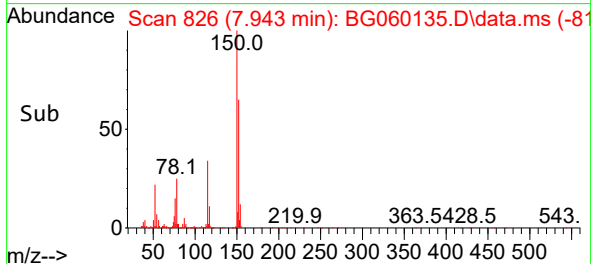
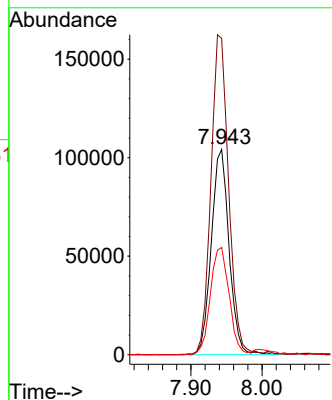
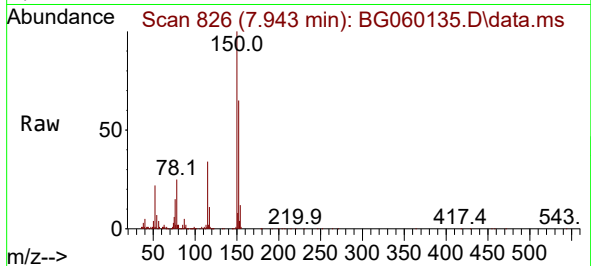




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.943 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG060135.D
Acq: 22 Dec 2023 12:49

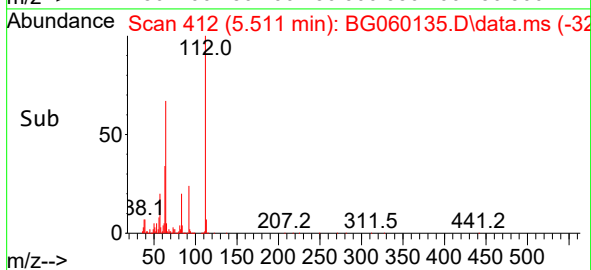
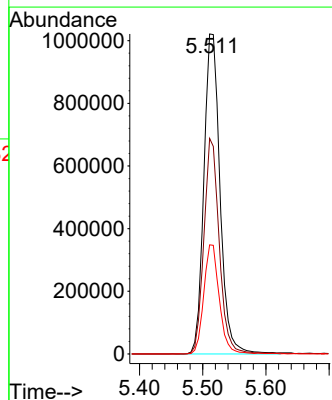
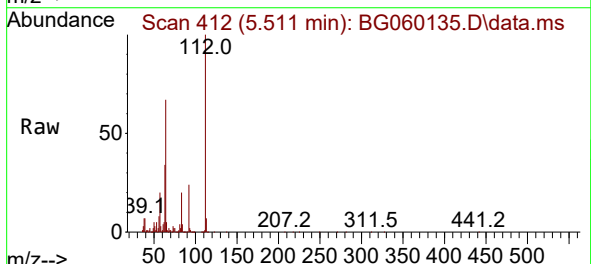
Instrument :
BNA_G
ClientSampleId :
GHL-SS-71a

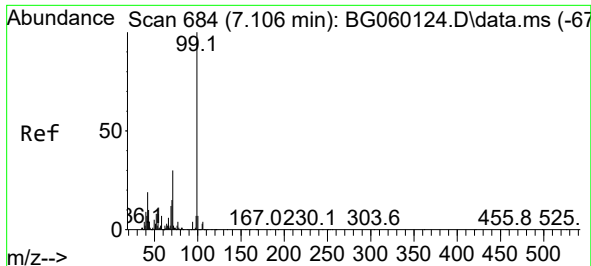
Tgt Ion:152 Resp: 181475
Ion Ratio Lower Upper
152 100
150 154.0 109.4 164.0
115 52.2 36.5 54.7



#5
2-Fluorophenol
Concen: 157.232 ng
RT: 5.511 min Scan# 412
Delta R.T. -0.003 min
Lab File: BG060135.D
Acq: 22 Dec 2023 12:49

Tgt Ion:112 Resp: 1810851
Ion Ratio Lower Upper
112 100
64 67.3 53.3 79.9
63 34.1 27.1 40.7

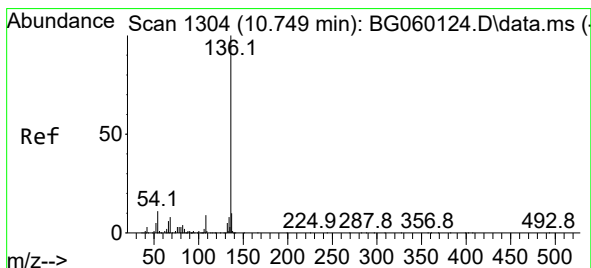
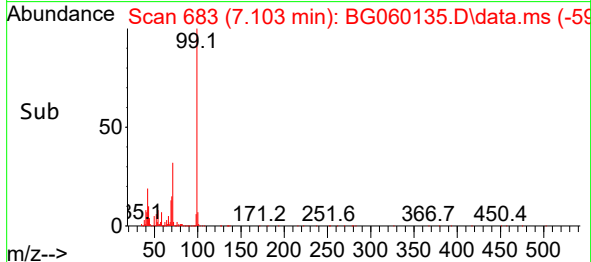
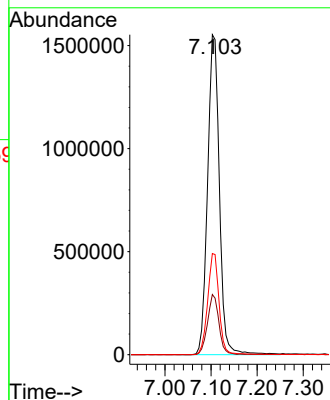
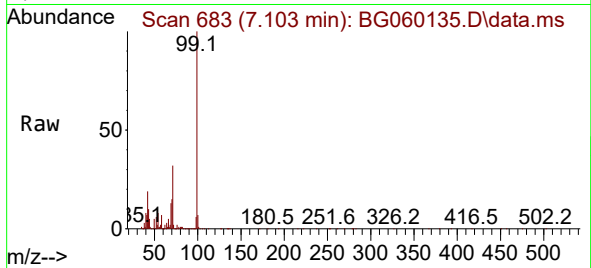




#7
Phenol-d6
Concen: 143.507 ng
RT: 7.103 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG060135.D
Acq: 22 Dec 2023 12:49

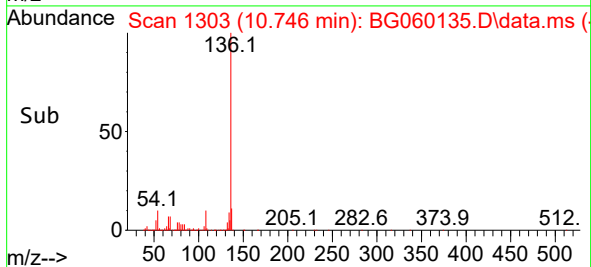
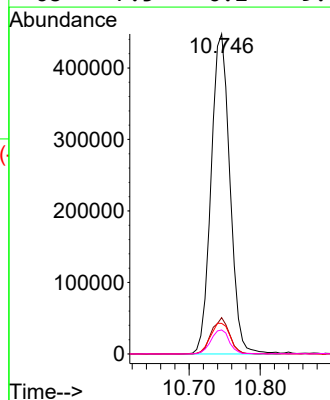
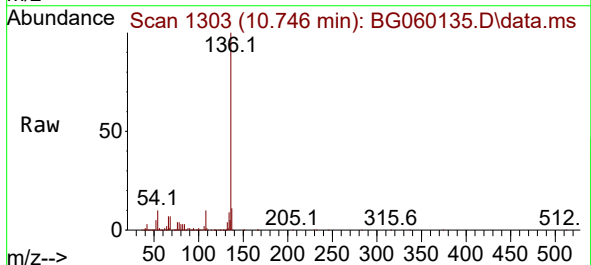
Instrument :
BNA_G
ClientSampleId :
GHL-SS-71a

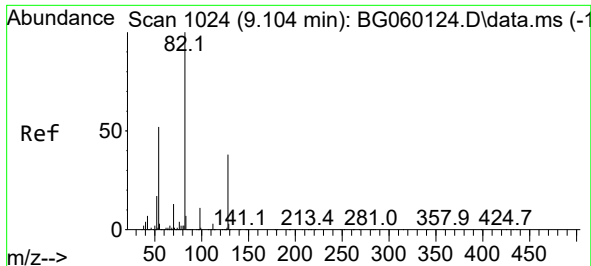
Tgt Ion: 99 Resp: 2781534
Ion Ratio Lower Upper
99 100
42 18.8 15.2 22.8
71 31.6 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.746 min Scan# 1303
Delta R.T. -0.003 min
Lab File: BG060135.D
Acq: 22 Dec 2023 12:49

Tgt Ion:136 Resp: 822487
Ion Ratio Lower Upper
136 100
137 11.4 8.1 12.1
54 9.6 8.7 13.1
68 7.5 6.2 9.4

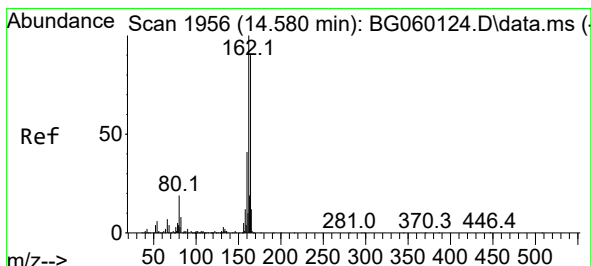
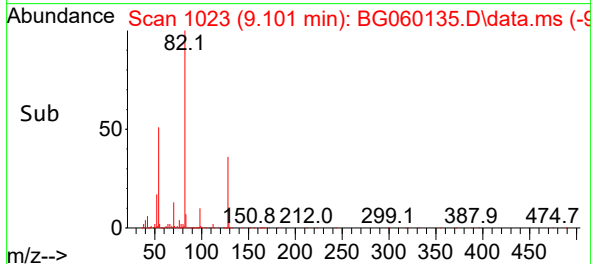
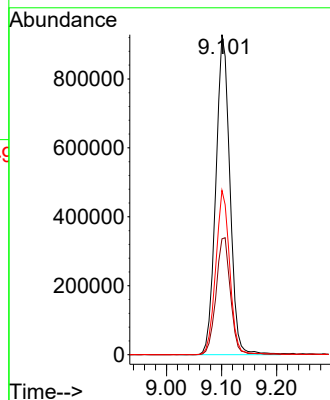
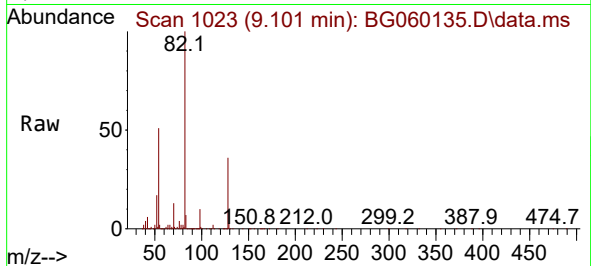




#23
Nitrobenzene-d5
Concen: 98.387 ng
RT: 9.101 min Scan# 1023
Delta R.T. -0.003 min
Lab File: BG060135.D
Acq: 22 Dec 2023 12:49

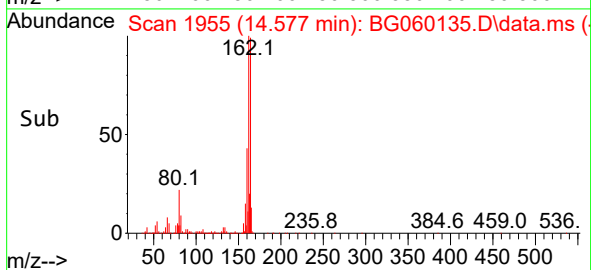
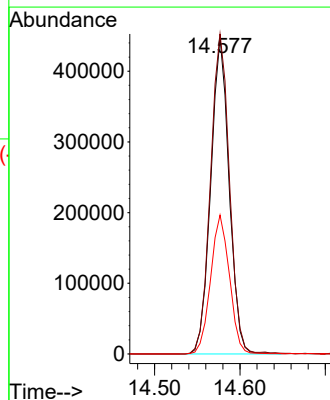
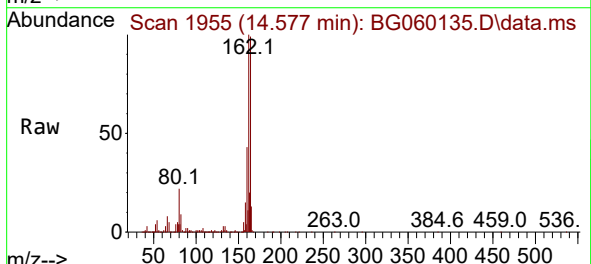
Instrument :
BNA_G
ClientSampleId :
GHL-SS-71a

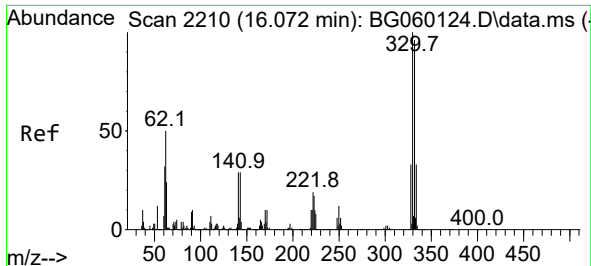
Tgt Ion: 82 Resp: 1651903
Ion Ratio Lower Upper
82 100
128 36.2 30.5 45.7
54 51.4 41.9 62.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.577 min Scan# 1955
Delta R.T. -0.003 min
Lab File: BG060135.D
Acq: 22 Dec 2023 12:49

Tgt Ion:164 Resp: 669111
Ion Ratio Lower Upper
164 100
162 101.1 88.5 132.7
160 43.9 36.2 54.2

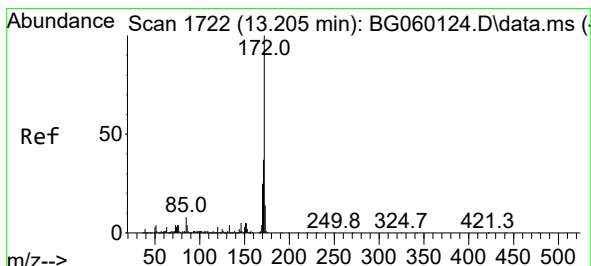
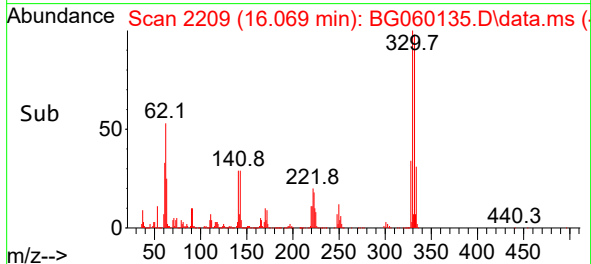
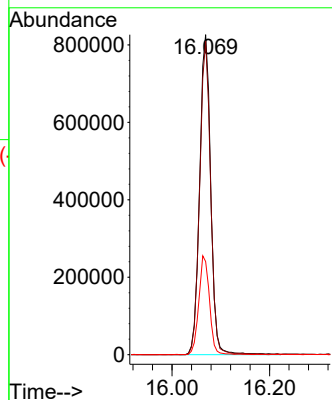
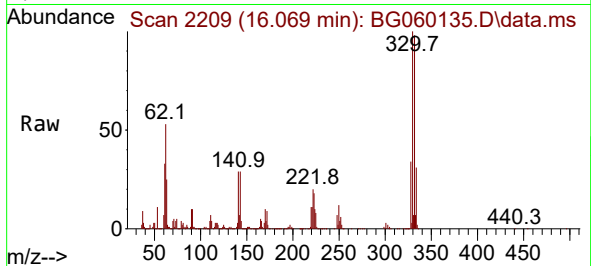




#42
2,4,6-Tribromophenol
Concen: 145.207 ng
RT: 16.069 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060135.D
Acq: 22 Dec 2023 12:49

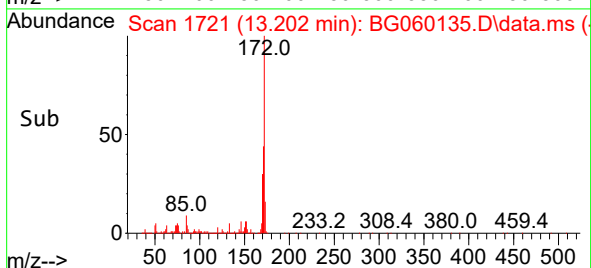
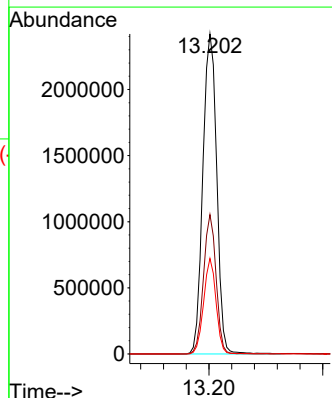
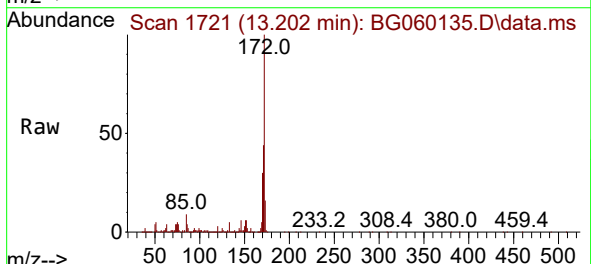
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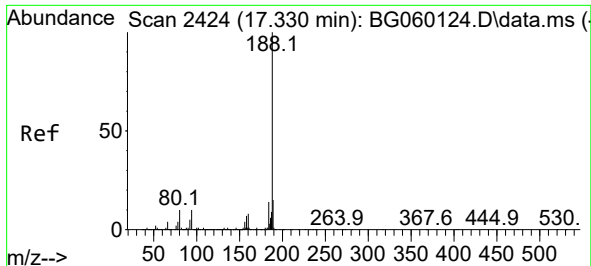
Tgt Ion:330 Resp: 1308183
Ion Ratio Lower Upper
330 100
332 95.9 75.5 113.3
141 29.9 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 91.864 ng
RT: 13.202 min Scan# 1721
Delta R.T. -0.003 min
Lab File: BG060135.D
Acq: 22 Dec 2023 12:49

Tgt Ion:172 Resp: 4093593
Ion Ratio Lower Upper
172 100
171 43.6 29.2 43.8
170 29.8 20.1 30.1

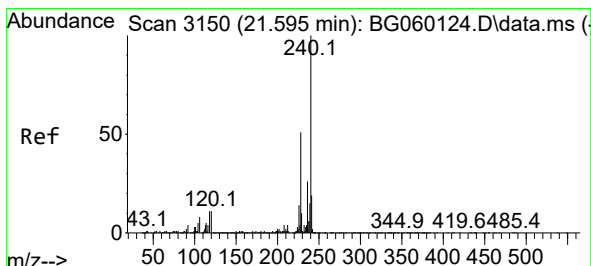
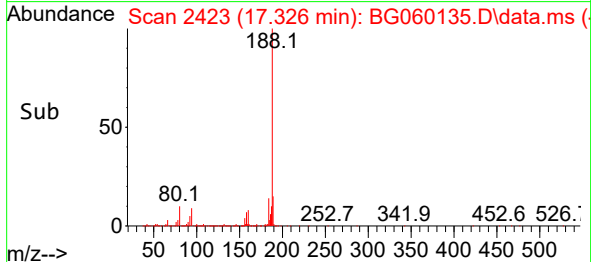
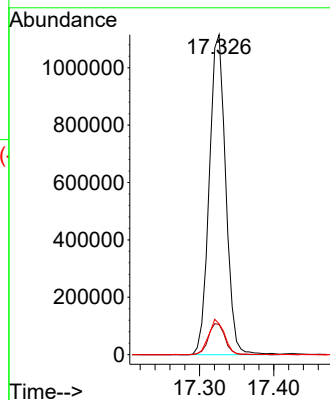
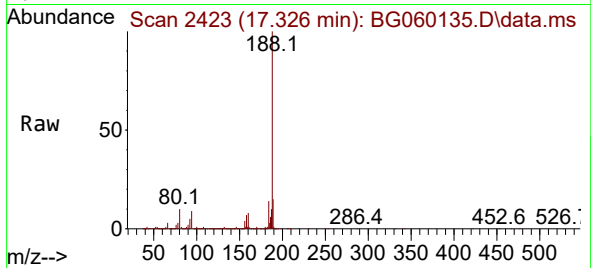




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.326 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG060135.D
Acq: 22 Dec 2023 12:49

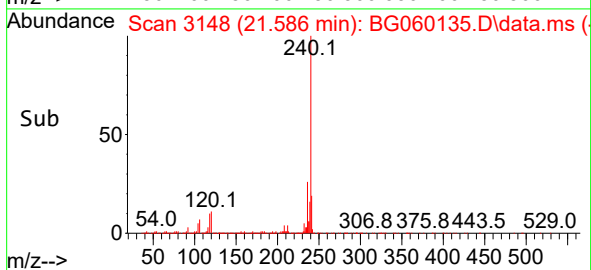
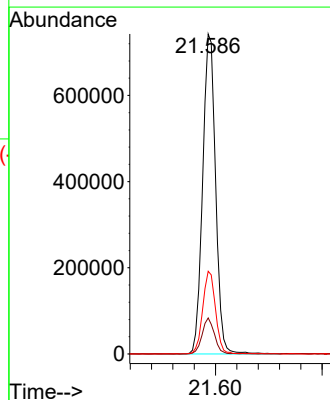
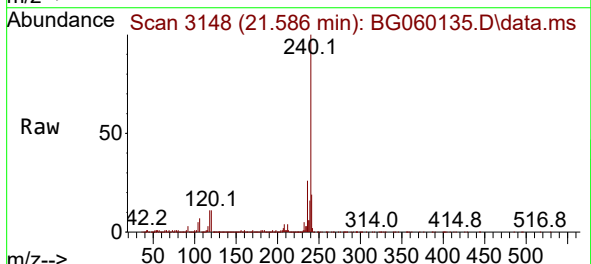
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GHL-SS-71a

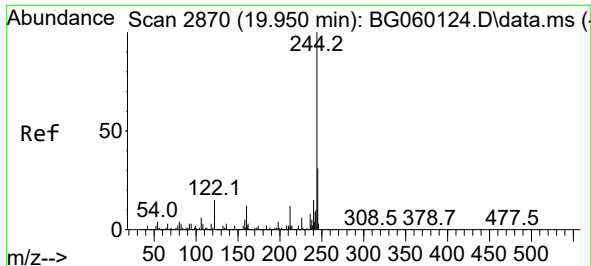
Tgt Ion:188 Resp: 1718963
Ion Ratio Lower Upper
188 100
94 9.5 7.6 11.4
80 9.7 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3148
Delta R.T. -0.009 min
Lab File: BG060135.D
Acq: 22 Dec 2023 12:49

Tgt Ion:240 Resp: 1249443
Ion Ratio Lower Upper
240 100
120 11.2 9.0 13.6
236 25.9 20.4 30.6





#79

Terphenyl-d14

Concen: 81.440 ng

RT: 19.947 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG060135.D

Acq: 22 Dec 2023 12:49

Instrument :

BNA_G

ClientSampleId :

GHL-SS-71a

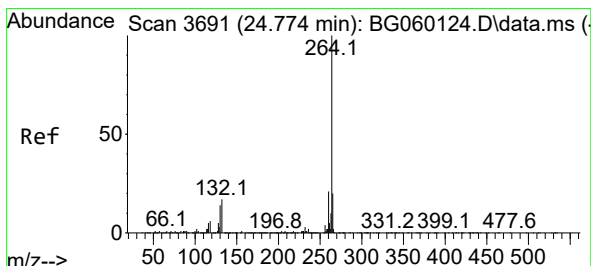
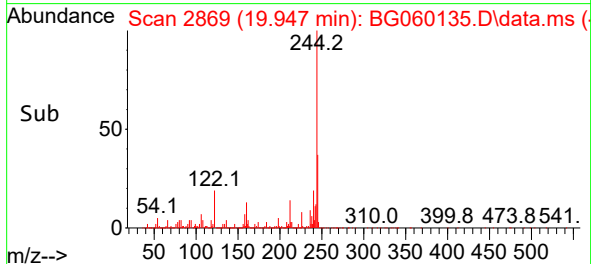
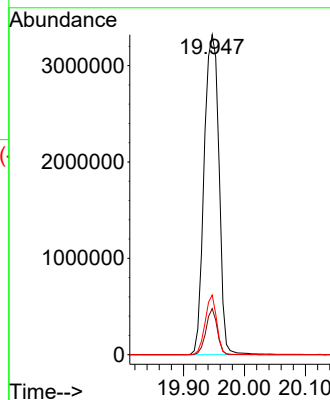
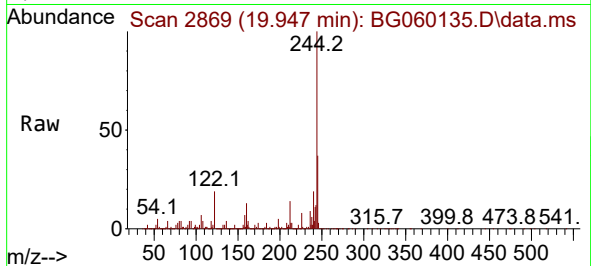
Tgt Ion:244 Resp: 5623254

Ion Ratio Lower Upper

244 100

212 14.4 9.5 14.3#

122 18.7 12.2 18.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.765 min Scan# 3689

Delta R.T. -0.009 min

Lab File: BG060135.D

Acq: 22 Dec 2023 12:49

Tgt Ion:264 Resp: 1229865

Ion Ratio Lower Upper

264 100

260 22.8 17.1 25.7

265 21.4 16.0 24.0

