

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
 Data File : BG060195.D
 Acq On : 2 Jan 2024 15:10
 Operator : MA/JU
 Sample : 05909-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-53

Quant Time: Jan 02 16:26:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 30 03:14:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	192115	20.000	ng	0.00
21) Naphthalene-d8	10.740	136	808321	20.000	ng	0.00
39) Acenaphthene-d10	14.577	164	647735	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	1752567	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1599879	20.000	ng	0.00
86) Perylene-d12	24.765	264	1758387	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	1381935	108.571	ng	0.00
7) Phenol-d6	7.097	99	1874444	99.183	ng	0.00
23) Nitrobenzene-d5	9.101	82	1030089	58.862	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	844396	97.386	ng	0.00
45) 2-Fluorobiphenyl	13.196	172	2783623	61.764	ng	0.00
79) Terphenyl-d14	19.941	244	4476459	53.791	ng	0.00

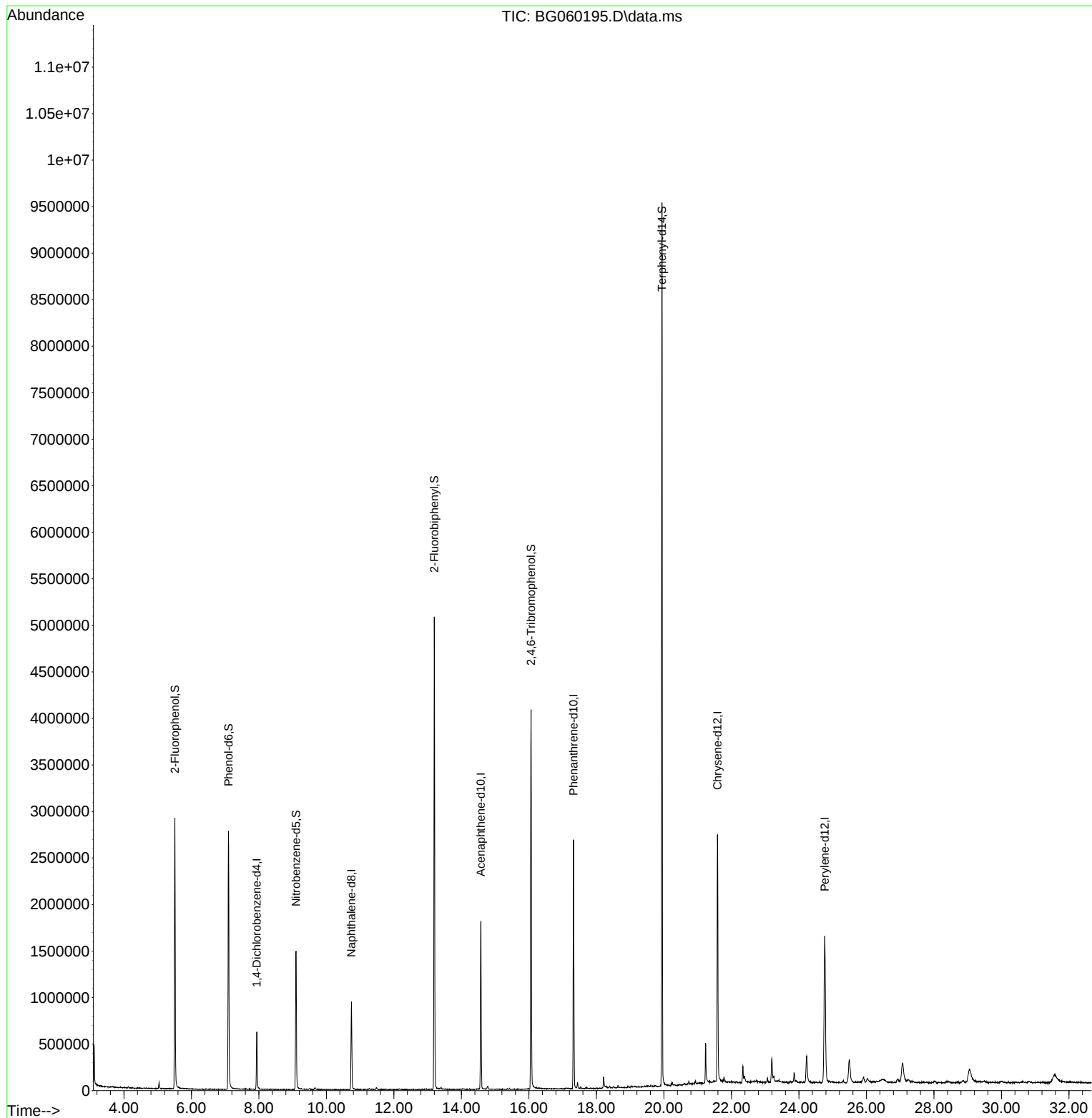
Target Compounds	Qvalue

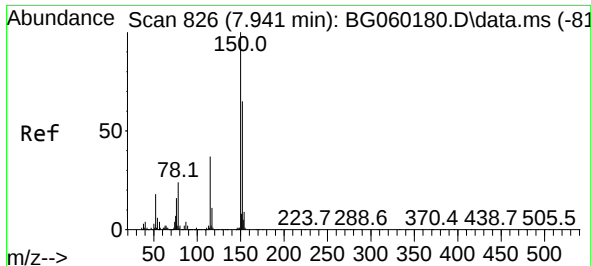
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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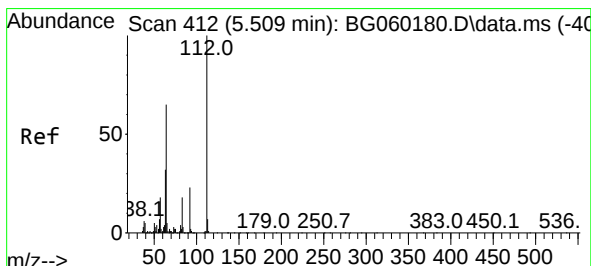
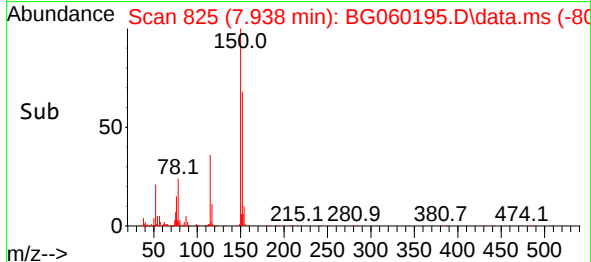
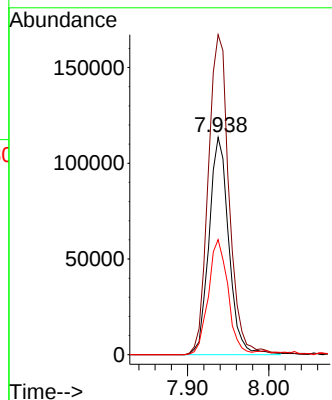
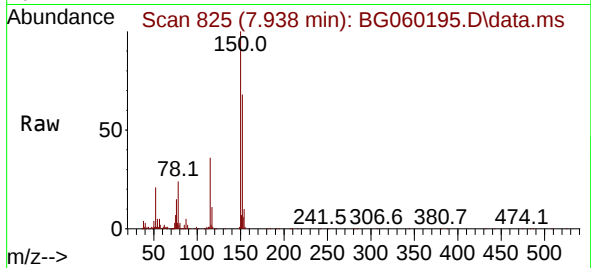




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.938 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG060195.D
Acq: 2 Jan 2024 15:10

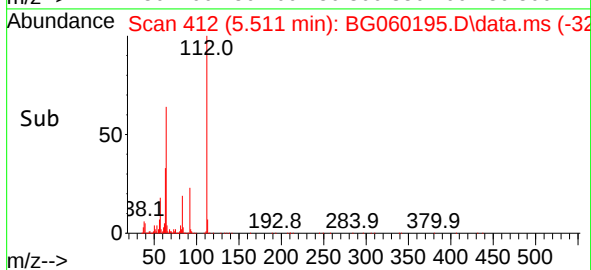
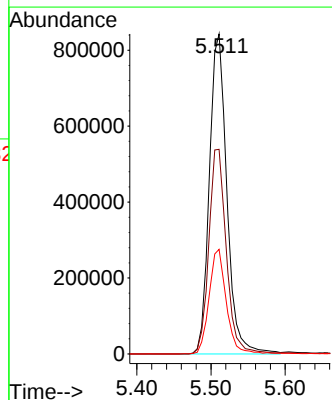
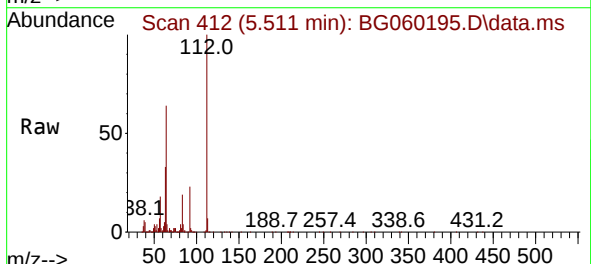
Instrument :
BNA_G
ClientSampleId :
GHL-SS-53

Tgt Ion:152 Resp: 192115
Ion Ratio Lower Upper
152 100
150 147.2 123.4 185.0
115 52.9 45.4 68.0



#5
2-Fluorophenol
Concen: 108.571 ng
RT: 5.511 min Scan# 412
Delta R.T. 0.002 min
Lab File: BG060195.D
Acq: 2 Jan 2024 15:10

Tgt Ion:112 Resp: 1381935
Ion Ratio Lower Upper
112 100
64 63.9 52.2 78.4
63 32.7 25.4 38.0



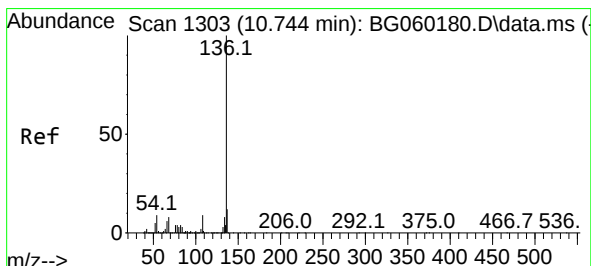
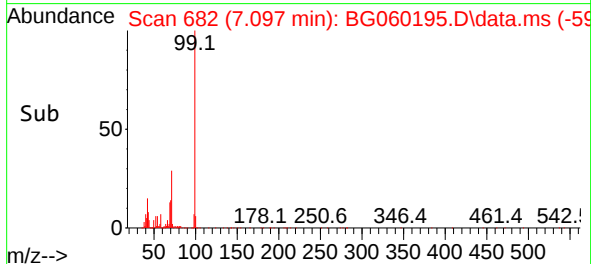
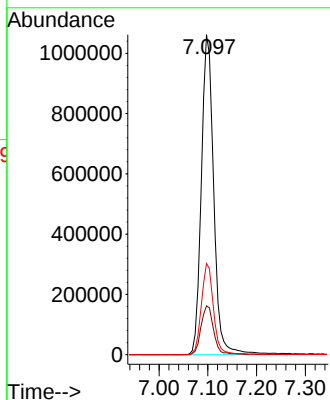
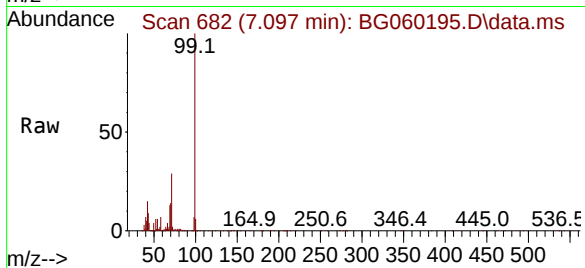


#7
Phenol-d6
Concen: 99.183 ng
RT: 7.097 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG060195.D
Acq: 2 Jan 2024 15:10

Instrument :
BNA_G
ClientSampleId :
GHL-SS-53

Tgt Ion: 99 Resp: 1874444

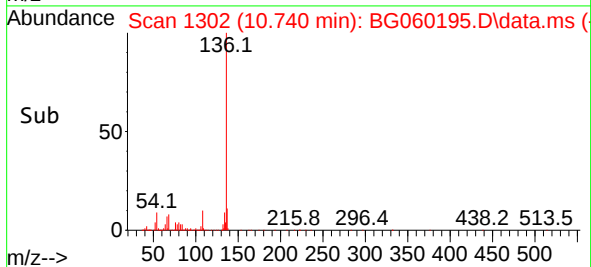
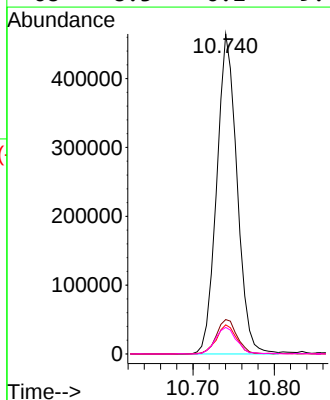
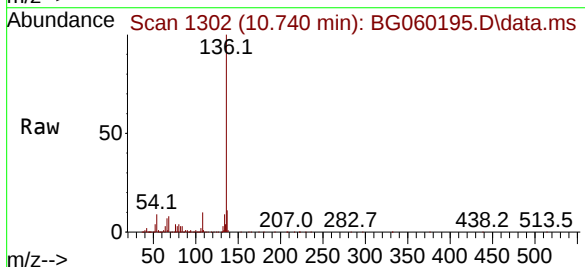
Ion	Ratio	Lower	Upper
99	100		
42	15.3	12.5	18.7
71	28.5	24.1	36.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.740 min Scan# 1302
Delta R.T. -0.004 min
Lab File: BG060195.D
Acq: 2 Jan 2024 15:10

Tgt Ion: 136 Resp: 808321

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.4	14.0
54	9.1	7.4	11.2
68	8.3	6.2	9.4





#23

Nitrobenzene-d5

Concen: 58.862 ng

RT: 9.101 min Scan# 1023

Delta R.T. -0.004 min

Lab File: BG060195.D

Acq: 2 Jan 2024 15:10

Instrument :

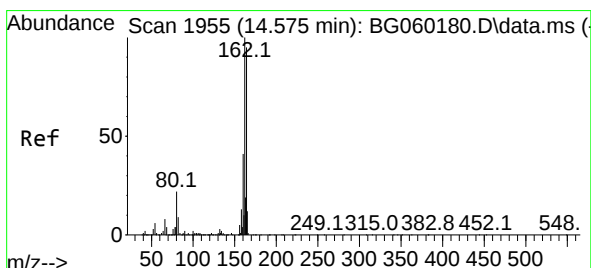
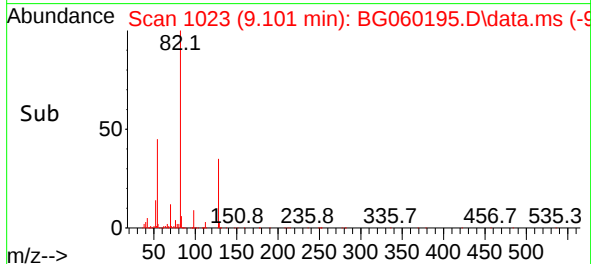
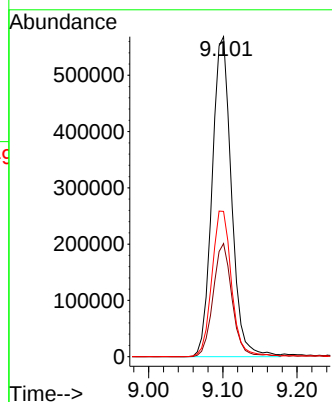
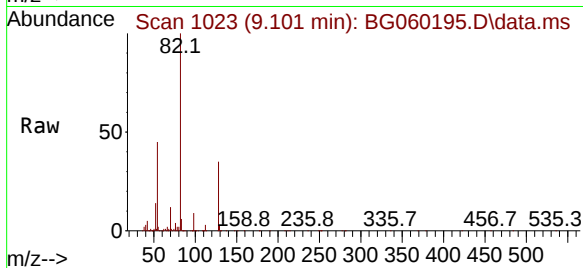
BNA_G

ClientSampleId :

GHL-SS-53

Tgt Ion: 82 Resp: 1030089

Ion	Ratio	Lower	Upper
82	100		
128	35.3	28.7	43.1
54	45.4	36.9	55.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.577 min Scan# 1955

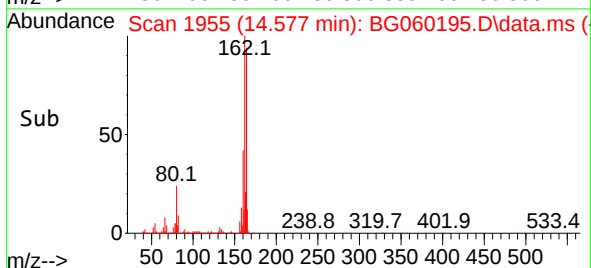
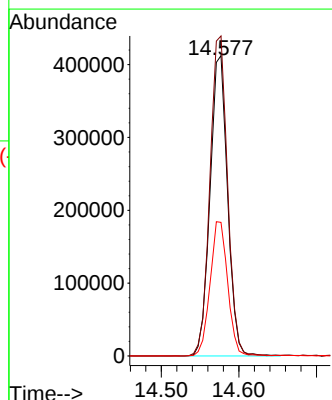
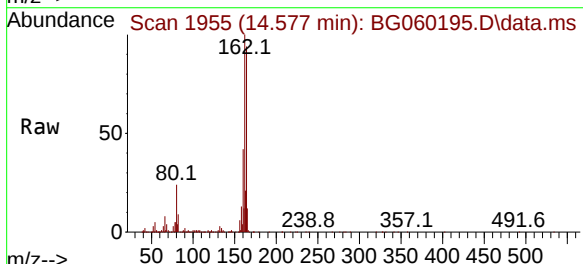
Delta R.T. 0.002 min

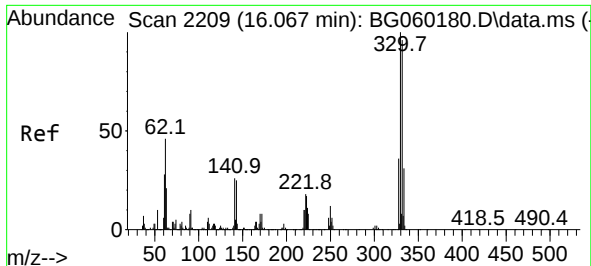
Lab File: BG060195.D

Acq: 2 Jan 2024 15:10

Tgt Ion:164 Resp: 647735

Ion	Ratio	Lower	Upper
164	100		
162	106.6	83.9	125.9
160	44.5	34.2	51.4

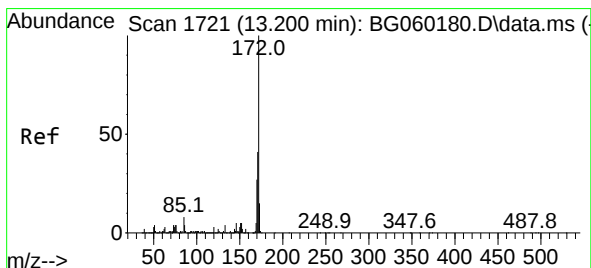
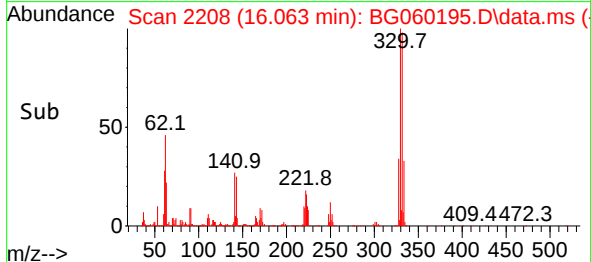
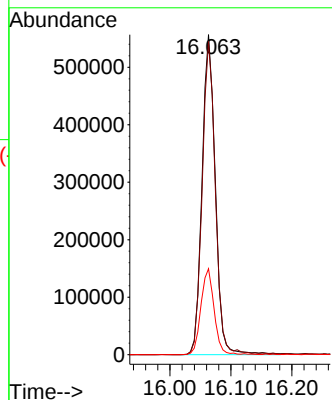
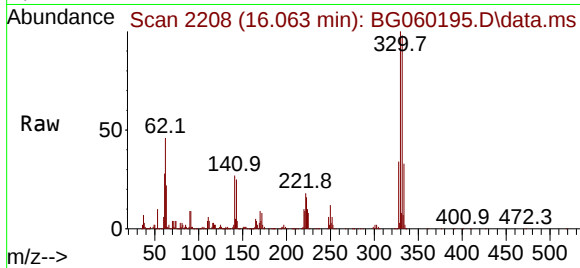




#42
2,4,6-Tribromophenol
Concen: 97.386 ng
RT: 16.063 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG060195.D
Acq: 2 Jan 2024 15:10

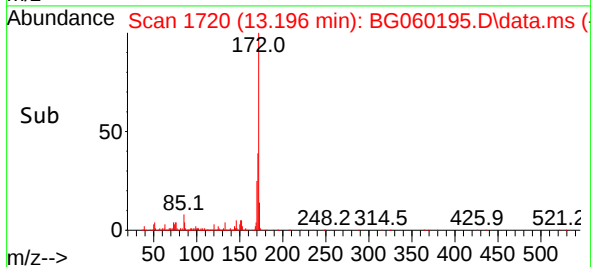
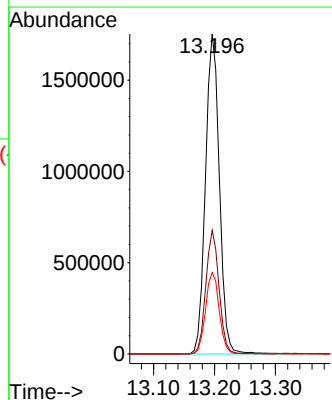
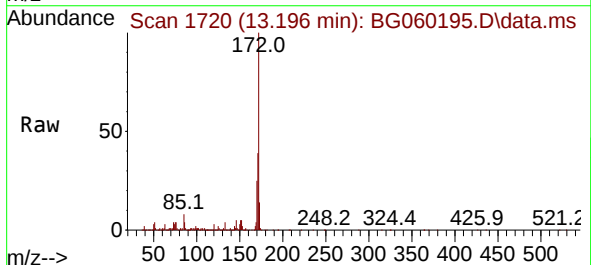
Instrument :
BNA_G
ClientSampleId :
GHL-SS-53

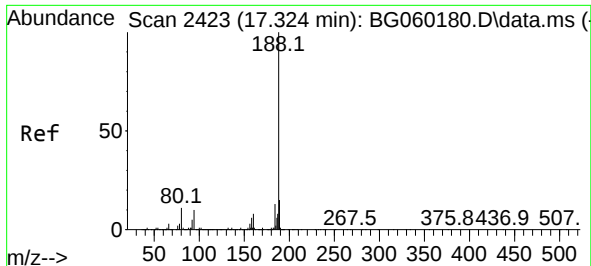
Tgt Ion:330 Resp: 844396
Ion Ratio Lower Upper
330 100
332 97.3 76.7 115.1
141 26.6 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 61.764 ng
RT: 13.196 min Scan# 1720
Delta R.T. -0.004 min
Lab File: BG060195.D
Acq: 2 Jan 2024 15:10

Tgt Ion:172 Resp: 2783623
Ion Ratio Lower Upper
172 100
171 38.7 32.6 48.8
170 25.5 21.8 32.6

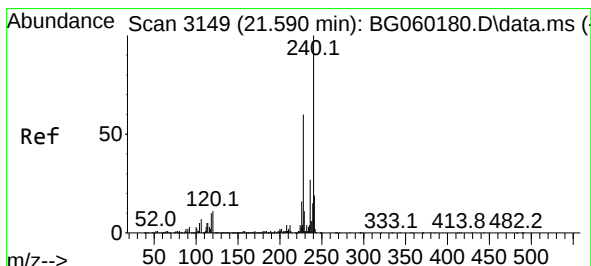
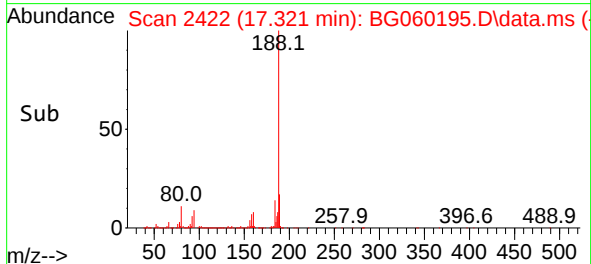
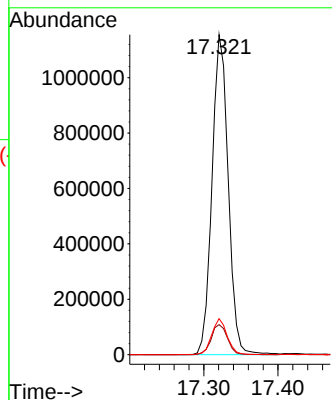
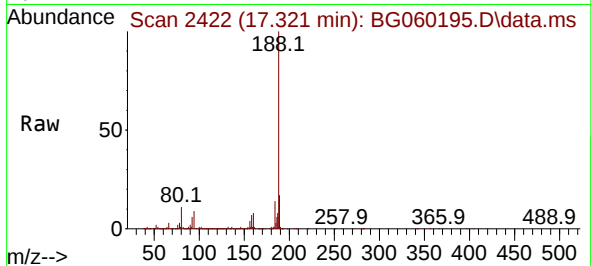




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.321 min Scan# 2423
Delta R.T. -0.004 min
Lab File: BG060195.D
Acq: 2 Jan 2024 15:10

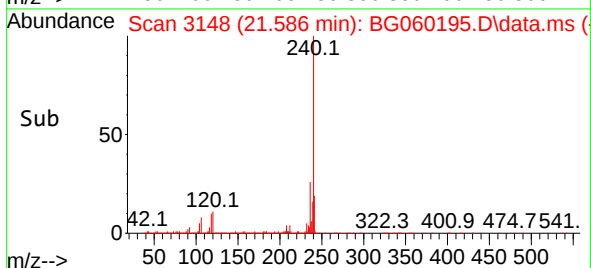
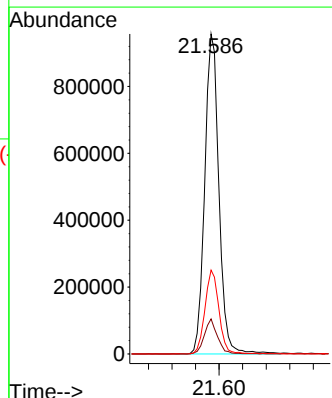
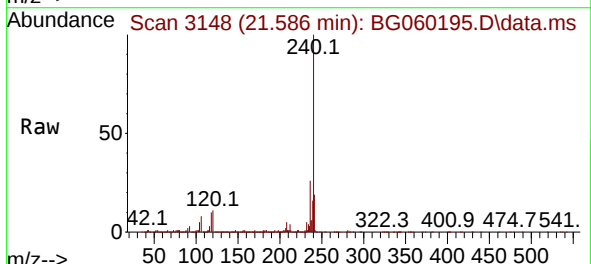
Instrument :
BNA_G
ClientSampleId :
GHL-SS-53

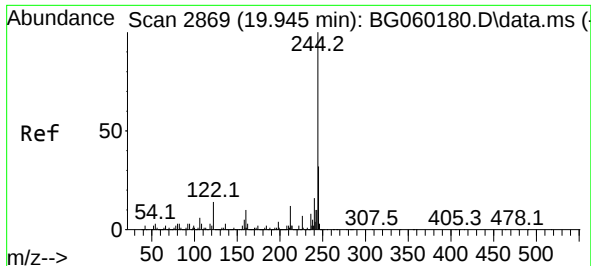
Tgt Ion:188 Resp: 1752567
Ion Ratio Lower Upper
188 100
94 9.4 7.8 11.6
80 11.3 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3148
Delta R.T. -0.004 min
Lab File: BG060195.D
Acq: 2 Jan 2024 15:10

Tgt Ion:240 Resp: 1599879
Ion Ratio Lower Upper
240 100
120 10.9 8.5 12.7
236 26.2 21.4 32.2

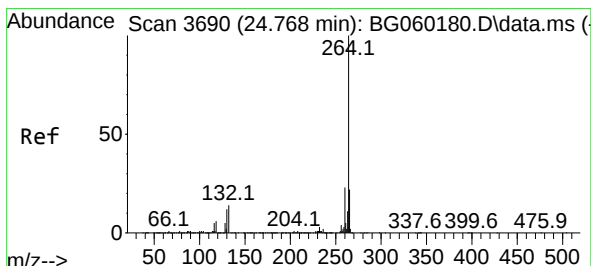
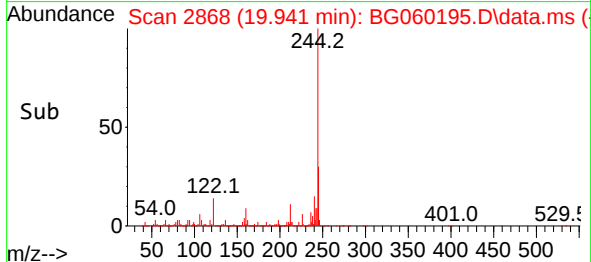
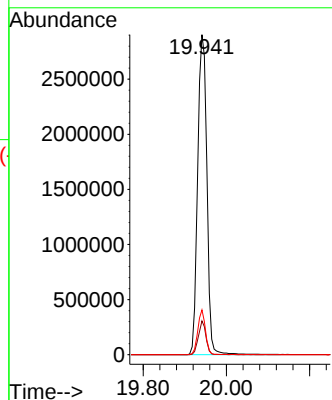
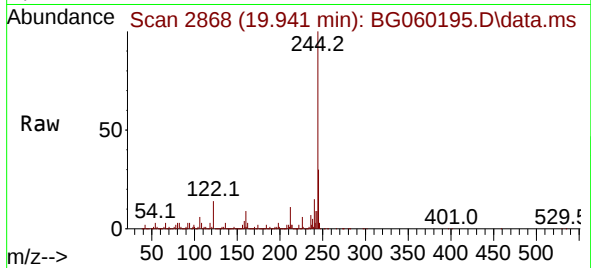




#79
 Terphenyl-d14
 Concen: 53.791 ng
 RT: 19.941 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG060195.D
 Acq: 2 Jan 2024 15:10

Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-53

Tgt Ion:244 Resp: 4476459
 Ion Ratio Lower Upper
 244 100
 212 10.6 9.5 14.3
 122 14.0 11.4 17.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.765 min Scan# 3689
 Delta R.T. -0.004 min
 Lab File: BG060195.D
 Acq: 2 Jan 2024 15:10

Tgt Ion:264 Resp: 1758387
 Ion Ratio Lower Upper
 264 100
 260 22.0 18.0 27.0
 265 21.3 17.4 26.0

