

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
 Data File : BG060213.D
 Acq On : 3 Jan 2024 4:37
 Operator : MA/JU
 Sample : 05900-24
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-66a

Quant Time: Jan 03 05:51:59 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	7.935	152	227630	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	992025	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	793501	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	1948418	20.000	ng	0.00
76) Chrysene-d12	21.589	240	1627022	20.000	ng	0.00
86) Perylene-d12	24.762	264	1791575	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	2113758	140.156	ng	0.00
7) Phenol-d6	7.100	99	2870041	128.170	ng	0.00
23) Nitrobenzene-d5	9.098	82	1754052	81.671	ng	0.00
42) 2,4,6-Tribromophenol	16.066	330	1354278	127.499	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	4197220	76.022	ng	0.00
79) Terphenyl-d14	19.944	244	5295238	62.569	ng	0.00

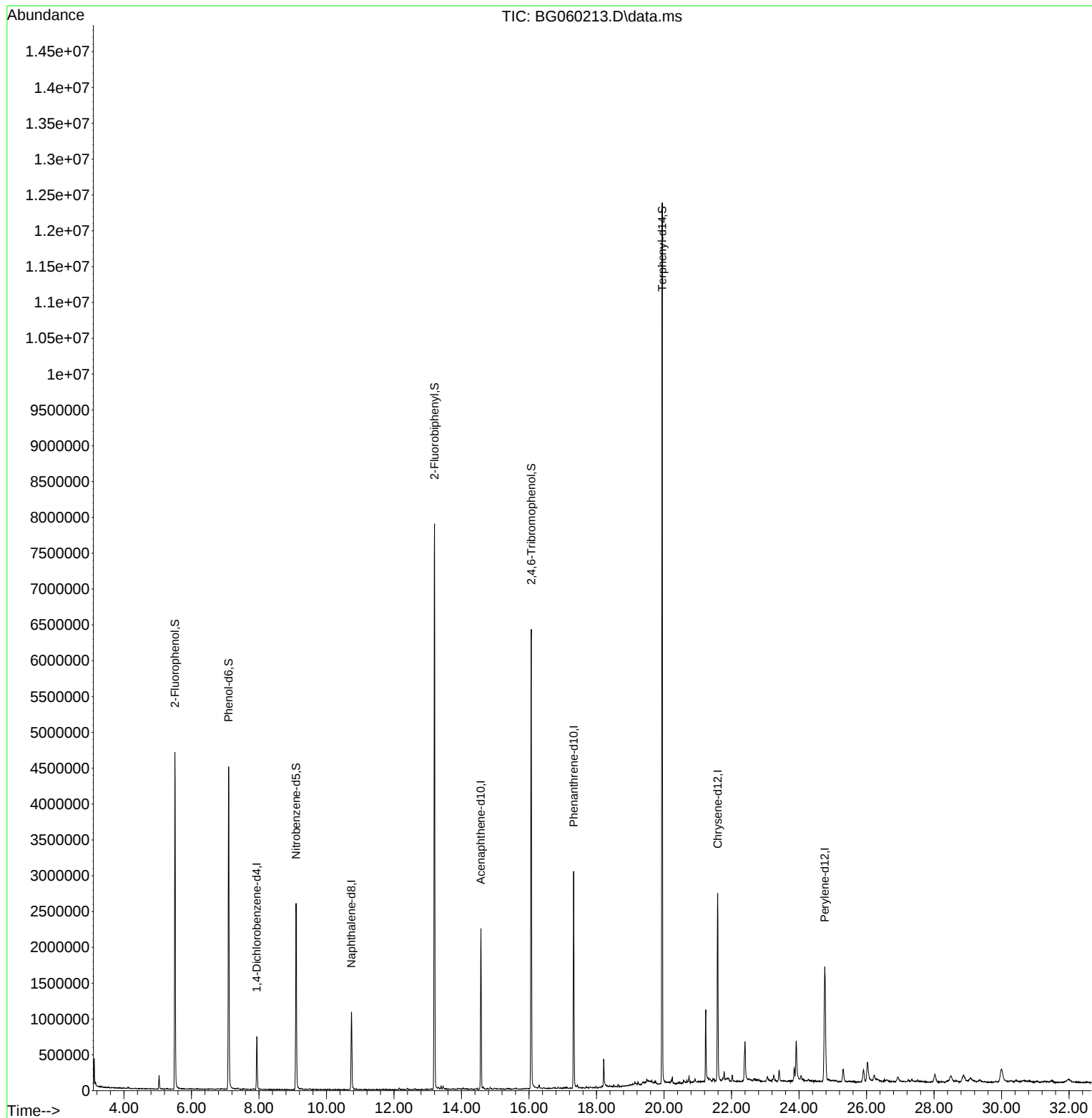
Target Compounds	Qvalue

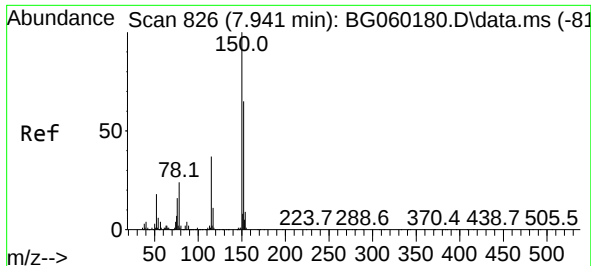
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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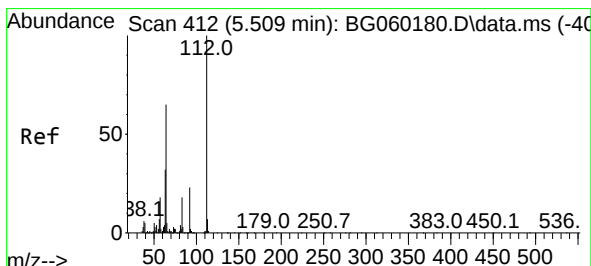
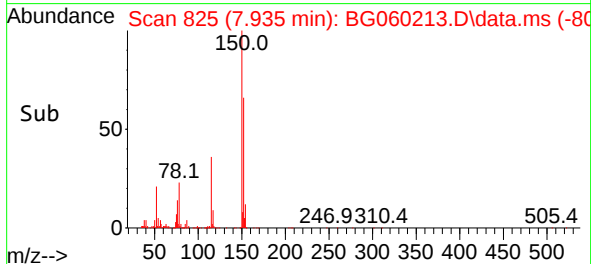
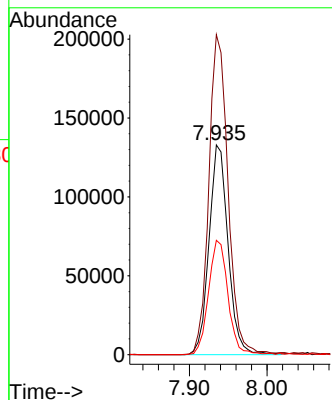
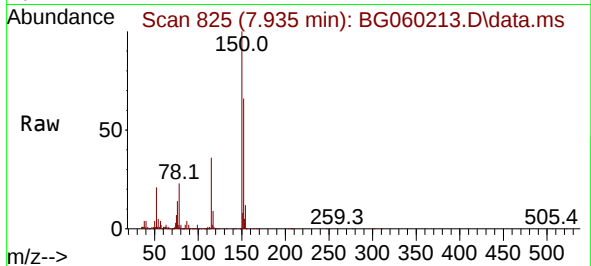




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060213.D
Acq: 3 Jan 2024 4:37

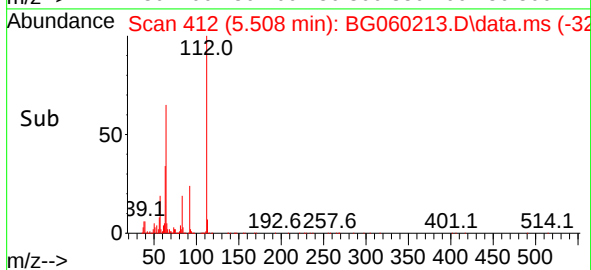
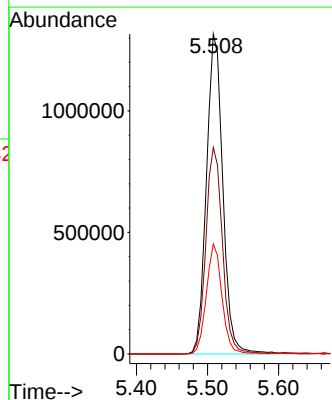
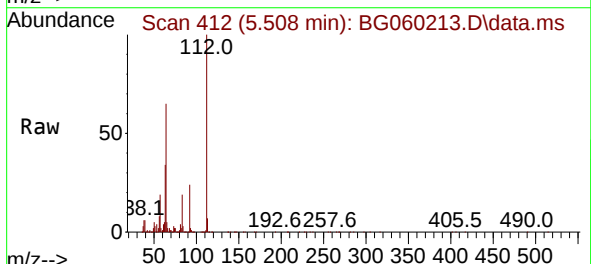
Instrument :
BNA_G
ClientSampleId :
GHL-SS-66a

Tgt Ion:152 Resp: 227630
Ion Ratio Lower Upper
152 100
150 152.6 123.4 185.0
115 54.6 45.4 68.0



#5
2-Fluorophenol
Concen: 140.156 ng
RT: 5.508 min Scan# 412
Delta R.T. -0.001 min
Lab File: BG060213.D
Acq: 3 Jan 2024 4:37

Tgt Ion:112 Resp: 2113758
Ion Ratio Lower Upper
112 100
64 64.6 52.2 78.4
63 34.3 25.4 38.0



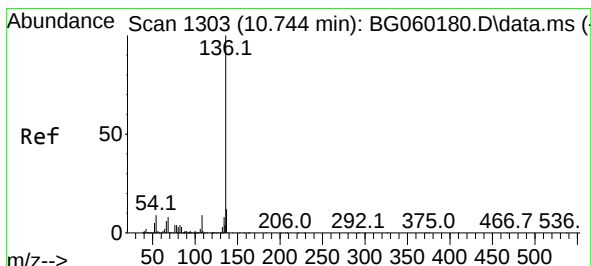
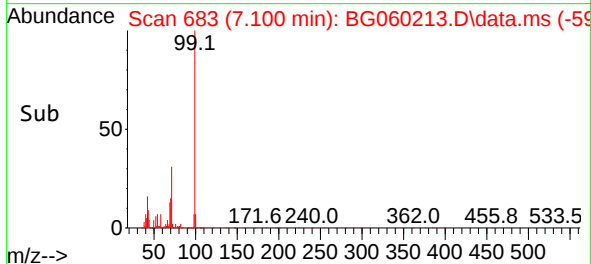
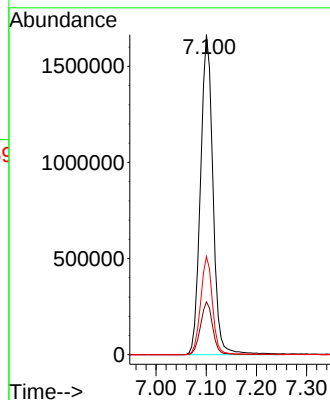
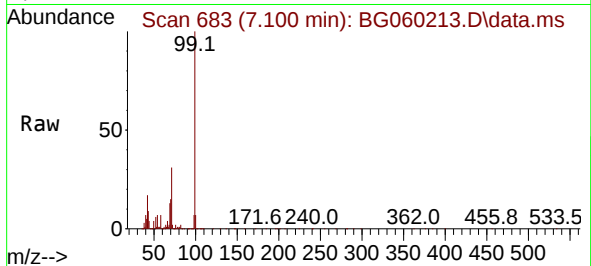


#7
Phenol-d6
Concen: 128.170 ng
RT: 7.100 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG060213.D
Acq: 3 Jan 2024 4:37

Instrument :
BNA_G
ClientSampleId :
GHL-SS-66a

Tgt Ion: 99 Resp: 2870041

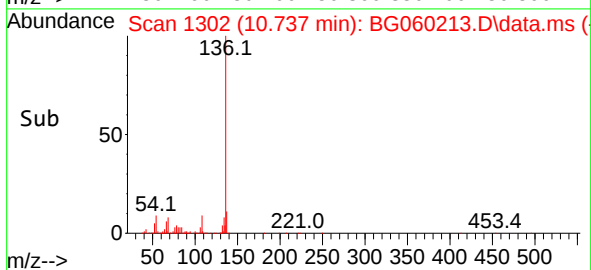
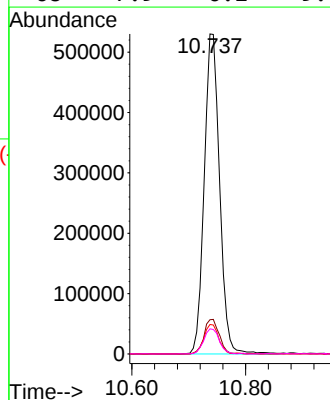
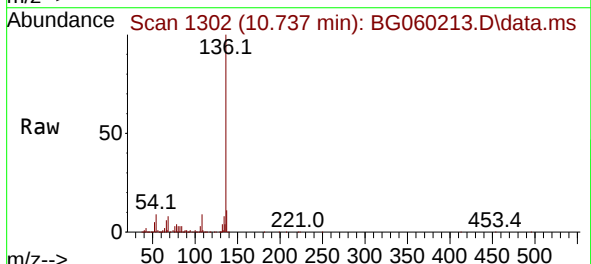
Ion	Ratio	Lower	Upper
99	100		
42	16.5	12.5	18.7
71	30.7	24.1	36.1

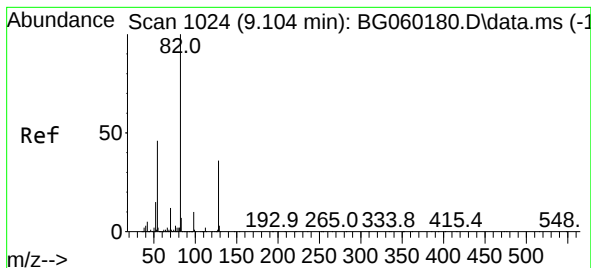


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.737 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BG060213.D
Acq: 3 Jan 2024 4:37

Tgt Ion: 136 Resp: 992025

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.4	14.0
54	9.2	7.4	11.2
68	7.9	6.2	9.4

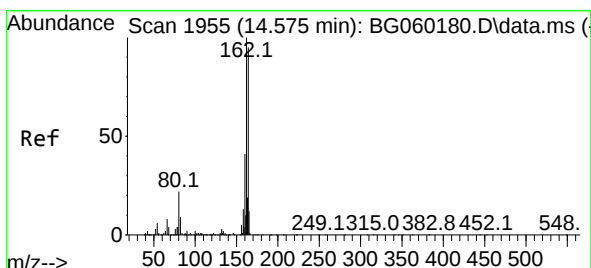
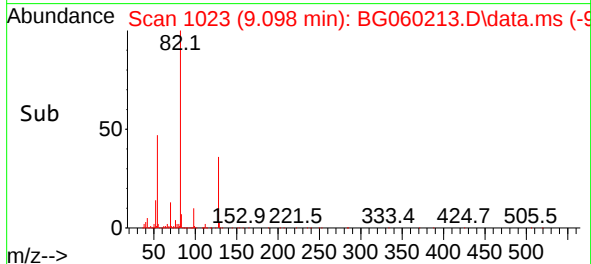
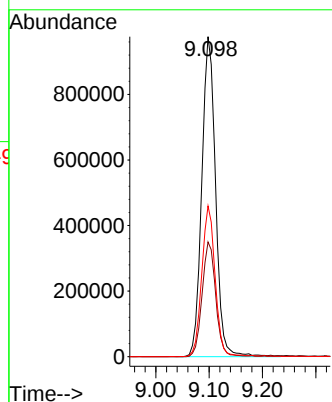
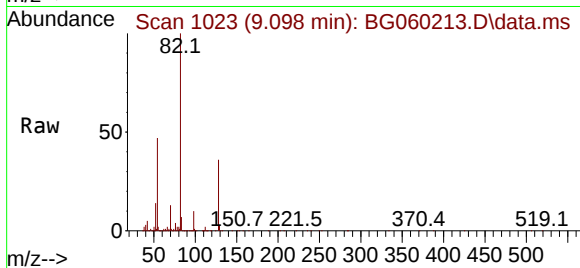




#23
Nitrobenzene-d5
Concen: 81.671 ng
RT: 9.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BG060213.D
Acq: 3 Jan 2024 4:37

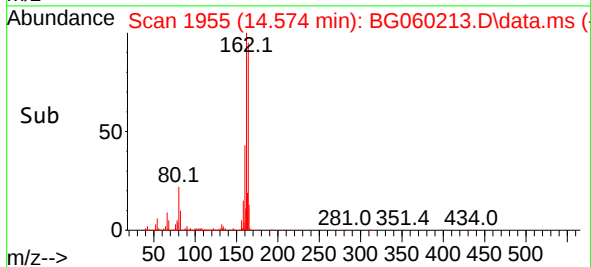
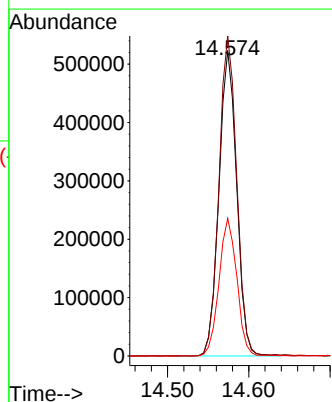
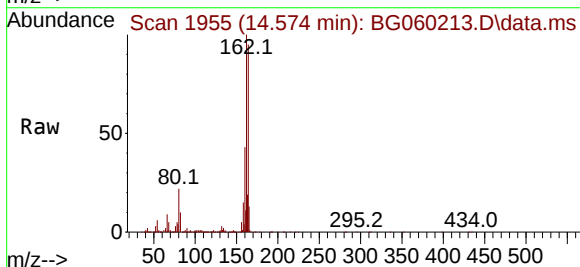
Instrument :
BNA_G
ClientSampleId :
GHL-SS-66a

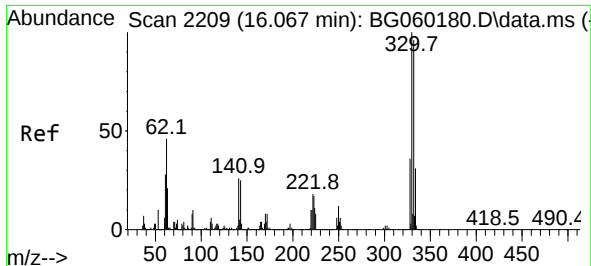
Tgt Ion: 82 Resp: 1754052
Ion Ratio Lower Upper
82 100
128 35.8 28.7 43.1
54 47.1 36.9 55.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1955
Delta R.T. -0.001 min
Lab File: BG060213.D
Acq: 3 Jan 2024 4:37

Tgt Ion:164 Resp: 793501
Ion Ratio Lower Upper
164 100
162 104.8 83.9 125.9
160 45.1 34.2 51.4

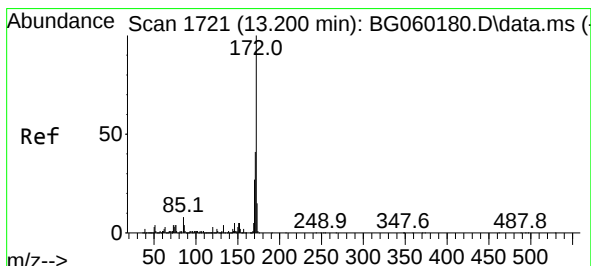
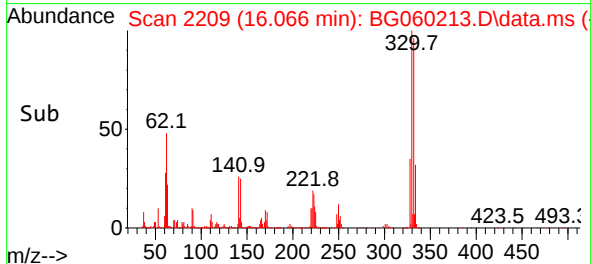
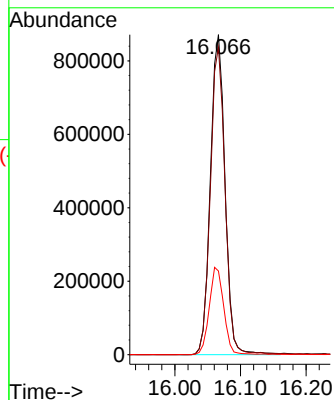
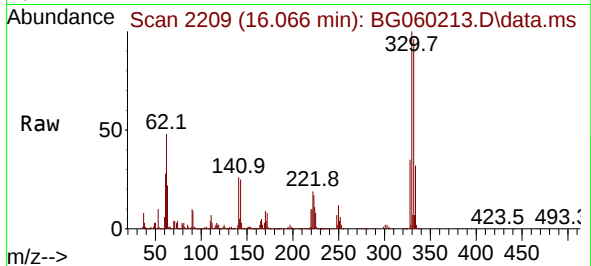




#42
2,4,6-Tribromophenol
Concen: 127.499 ng
RT: 16.066 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060213.D
Acq: 3 Jan 2024 4:37

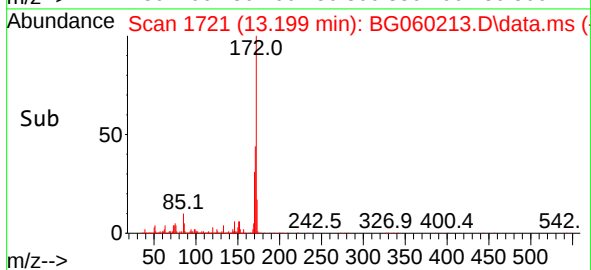
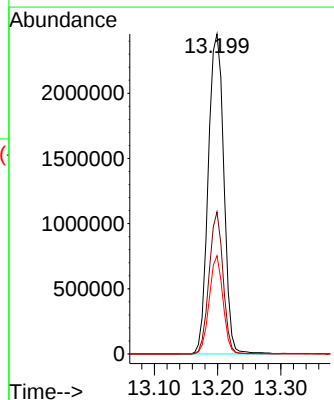
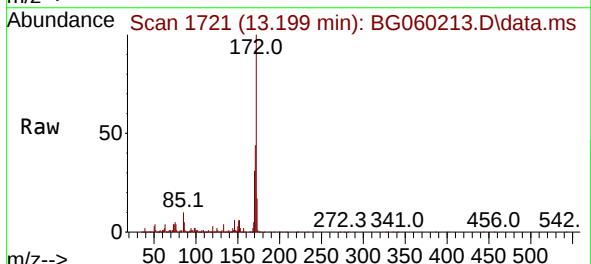
Instrument :
BNA_G
ClientSampleId :
GHL-SS-66a

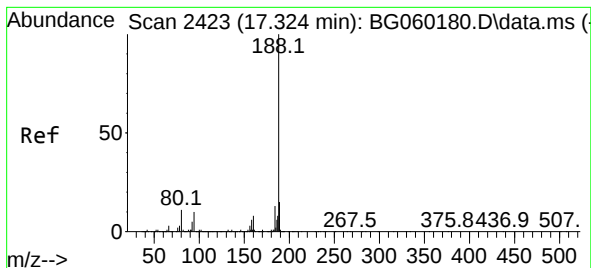
Tgt Ion:330 Resp: 1354278
Ion Ratio Lower Upper
330 100
332 96.5 76.7 115.1
141 27.2 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 76.022 ng
RT: 13.199 min Scan# 1721
Delta R.T. -0.001 min
Lab File: BG060213.D
Acq: 3 Jan 2024 4:37

Tgt Ion:172 Resp: 4197220
Ion Ratio Lower Upper
172 100
171 44.4 32.6 48.8
170 30.7 21.8 32.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.324 min Scan# 2423

Delta R.T. -0.001 min

Lab File: BG060213.D

Acq: 3 Jan 2024 4:37

Instrument :

BNA_G

ClientSampleId :

GHL-SS-66a

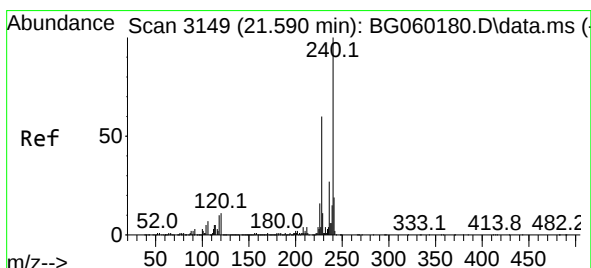
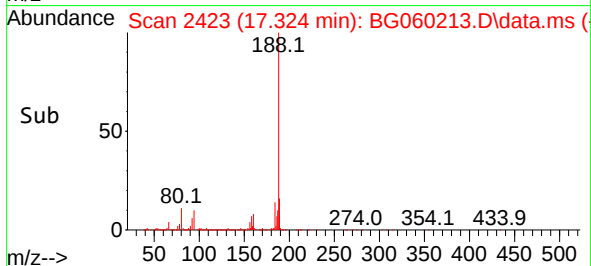
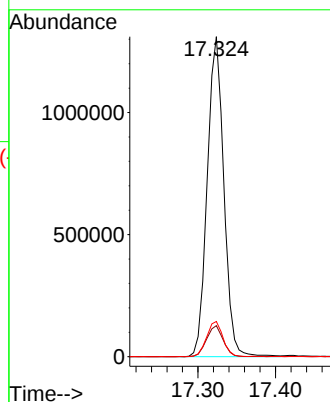
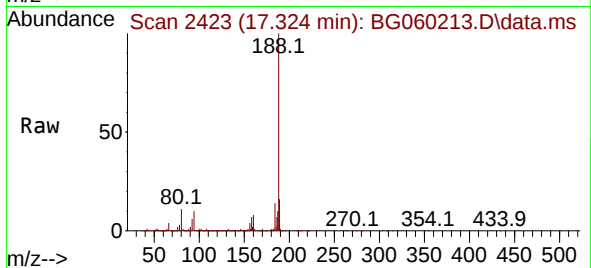
Tgt Ion:188 Resp: 1948418

Ion Ratio Lower Upper

188 100

94 9.7 7.8 11.6

80 11.0 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.589 min Scan# 3149

Delta R.T. -0.001 min

Lab File: BG060213.D

Acq: 3 Jan 2024 4:37

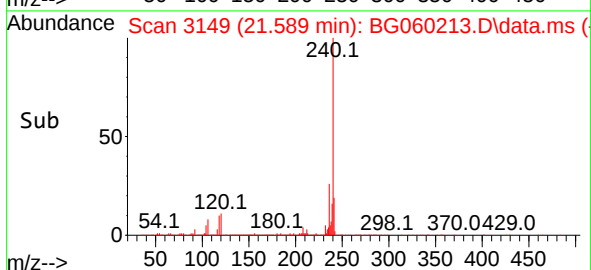
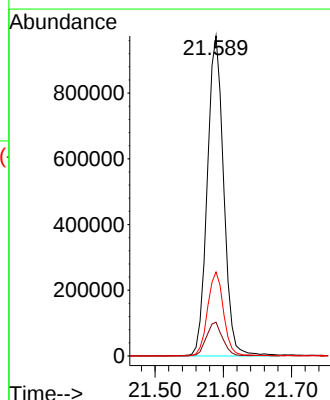
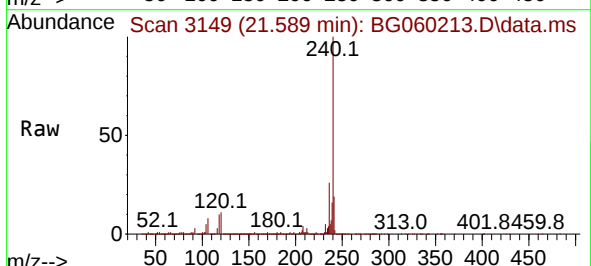
Tgt Ion:240 Resp: 1627022

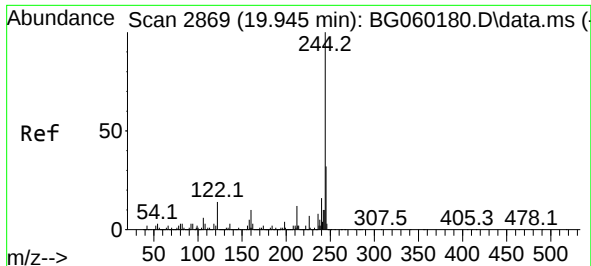
Ion Ratio Lower Upper

240 100

120 10.6 8.5 12.7

236 26.2 21.4 32.2

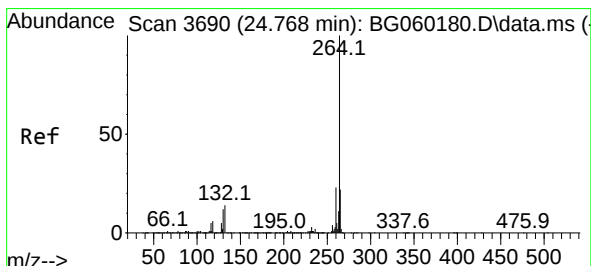
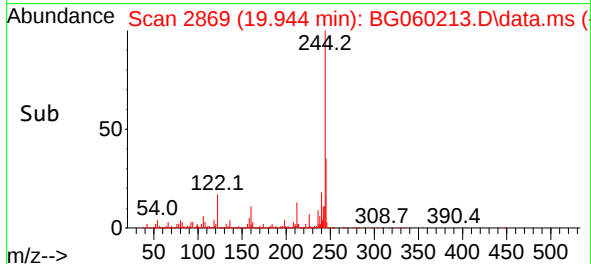
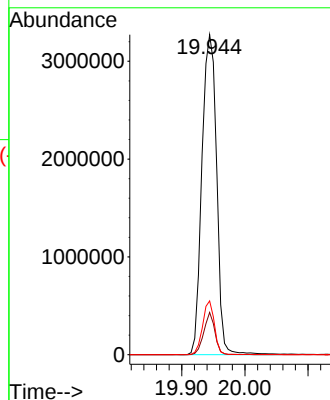
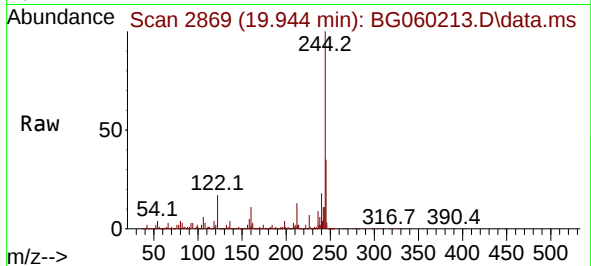




#79
 Terphenyl-d14
 Concen: 62.569 ng
 RT: 19.944 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG060213.D
 Acq: 3 Jan 2024 4:37

Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-66a

Tgt Ion:244 Resp: 5295238
 Ion Ratio Lower Upper
 244 100
 212 13.2 9.5 14.3
 122 16.8 11.4 17.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.762 min Scan# 3689
 Delta R.T. -0.006 min
 Lab File: BG060213.D
 Acq: 3 Jan 2024 4:37

Tgt Ion:264 Resp: 1791575
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.0 27.0
 265 20.9 17.4 26.0

