

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
 Data File : BG060206.D
 Acq On : 2 Jan 2024 23:54
 Operator : MA/JU
 Sample : 05909-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-52

Quant Time: Jan 03 01:13:29 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	7.940	152	220354	20.000	ng	0.00
21) Naphthalene-d8	10.743	136	868051	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	657712	20.000	ng	0.00
64) Phenanthrene-d10	17.323	188	1691028	20.000	ng	0.00
76) Chrysene-d12	21.589	240	1567117	20.000	ng	0.00
86) Perylene-d12	24.768	264	1728837	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	1202999	82.401	ng	0.00
7) Phenol-d6	7.100	99	1585190	73.129	ng	0.00
23) Nitrobenzene-d5	9.098	82	998230	53.117	ng	0.00
42) 2,4,6-Tribromophenol	16.060	330	638730	72.549	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	2160845	47.218	ng	0.00
79) Terphenyl-d14	19.944	244	3869622	47.471	ng	0.00

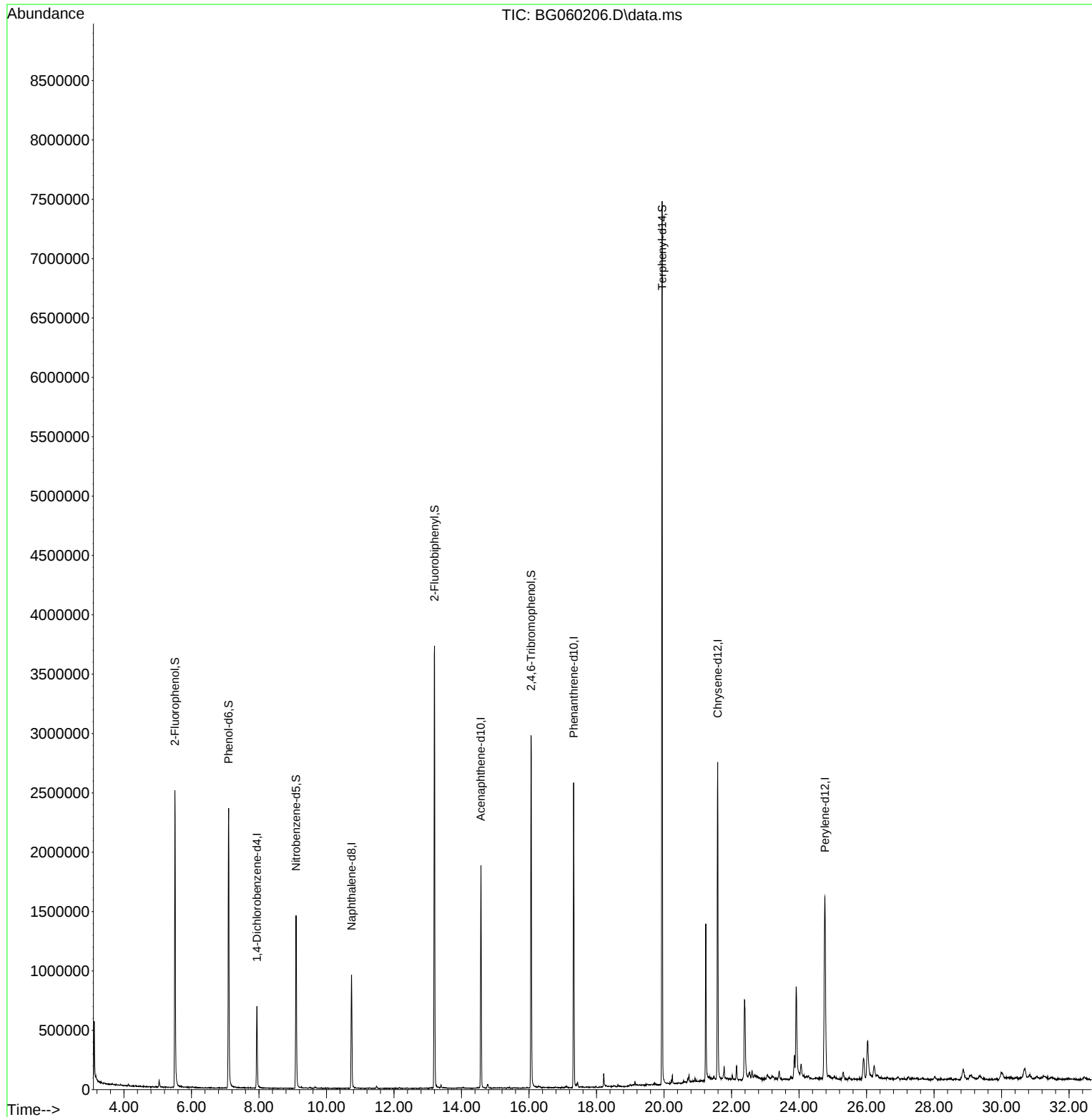
Target Compounds	Qvalue

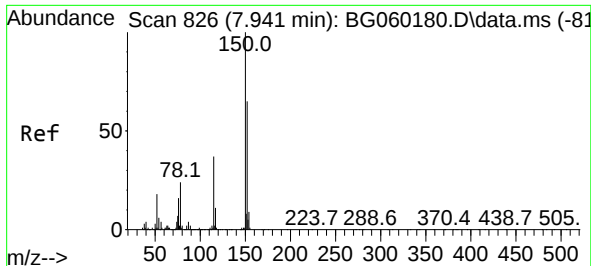
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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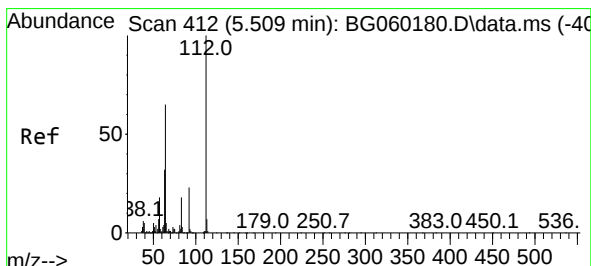
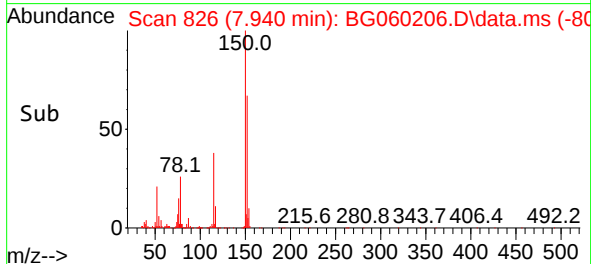
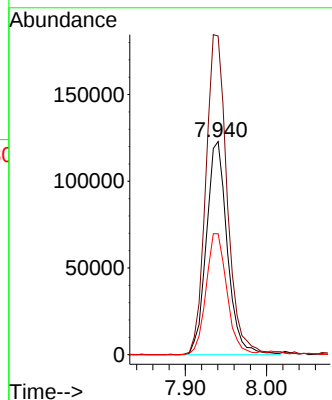
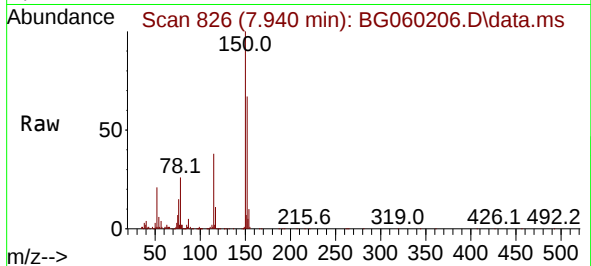




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.940 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG060206.D
Acq: 2 Jan 2024 23:54

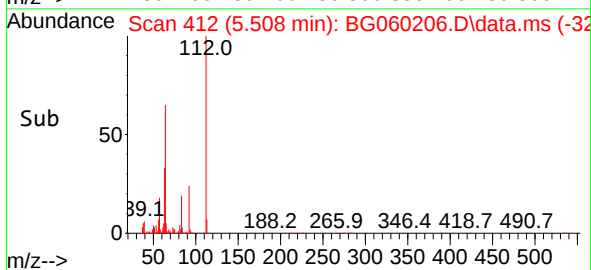
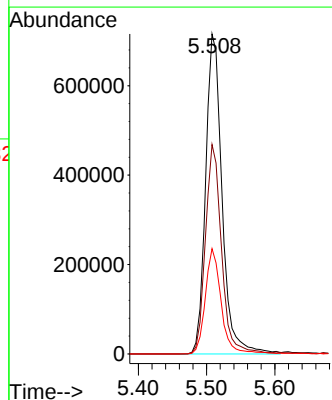
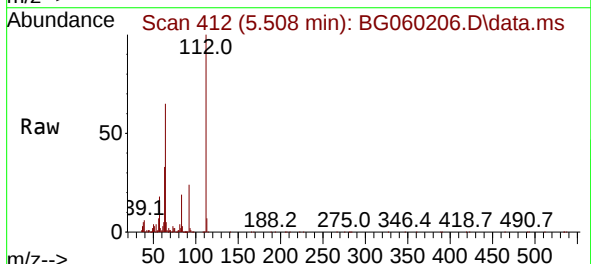
Instrument :
BNA_G
ClientSampleId :
GHL-SS-52

Tgt Ion:152 Resp: 220354
Ion Ratio Lower Upper
152 100
150 149.6 123.4 185.0
115 56.8 45.4 68.0



#5
2-Fluorophenol
Concen: 82.401 ng
RT: 5.508 min Scan# 412
Delta R.T. -0.001 min
Lab File: BG060206.D
Acq: 2 Jan 2024 23:54

Tgt Ion:112 Resp: 1202999
Ion Ratio Lower Upper
112 100
64 65.5 52.2 78.4
63 32.9 25.4 38.0



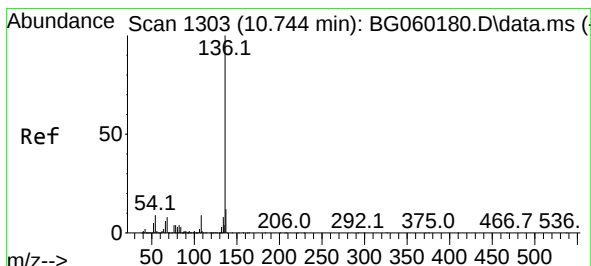
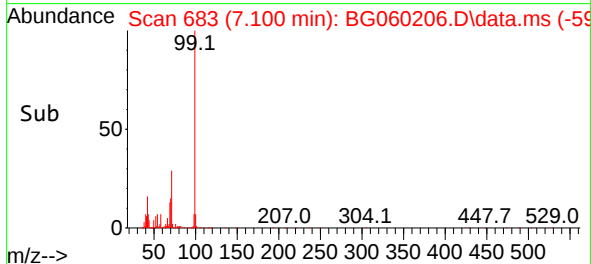
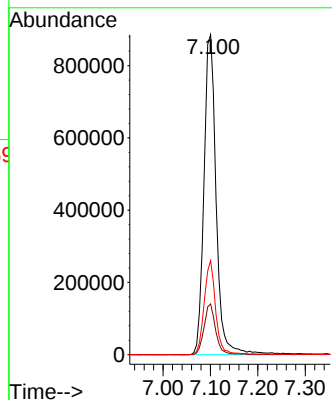
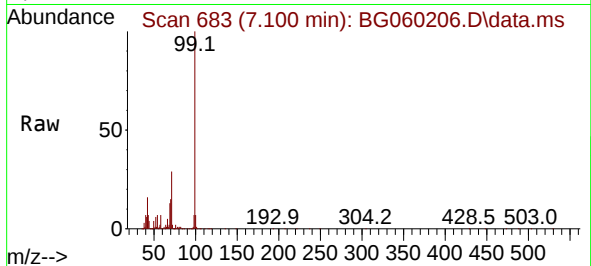


#7
Phenol-d6
Concen: 73.129 ng
RT: 7.100 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG060206.D
Acq: 2 Jan 2024 23:54

Instrument :
BNA_G
ClientSampleId :
GHL-SS-52

Tgt Ion: 99 Resp: 1585190

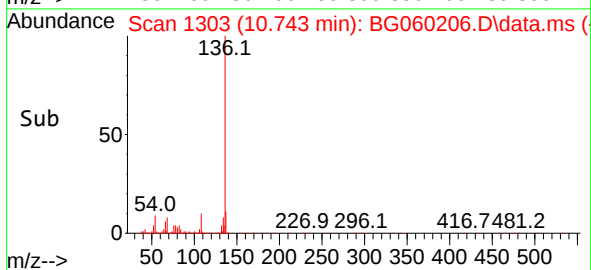
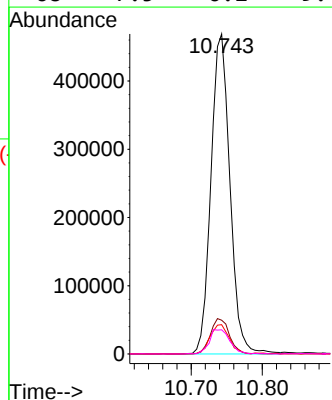
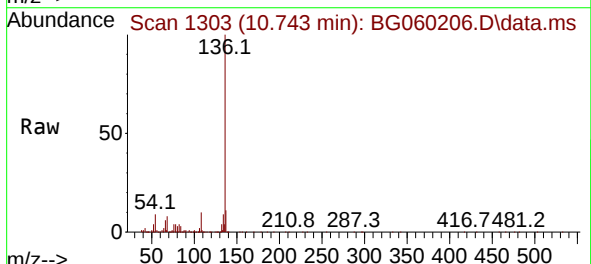
Ion	Ratio	Lower	Upper
99	100		
42	15.9	12.5	18.7
71	29.4	24.1	36.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.743 min Scan# 1303
Delta R.T. -0.001 min
Lab File: BG060206.D
Acq: 2 Jan 2024 23:54

Tgt Ion:136 Resp: 868051

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.4	14.0
54	9.2	7.4	11.2
68	7.5	6.2	9.4





#23

Nitrobenzene-d5

Concen: 53.117 ng

RT: 9.098 min Scan# 1023

Delta R.T. -0.007 min

Lab File: BG060206.D

Acq: 2 Jan 2024 23:54

Instrument :

BNA_G

ClientSampleId :

GHL-SS-52

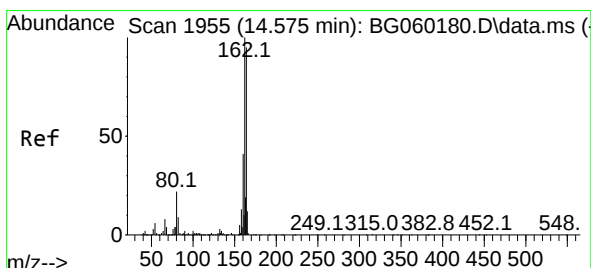
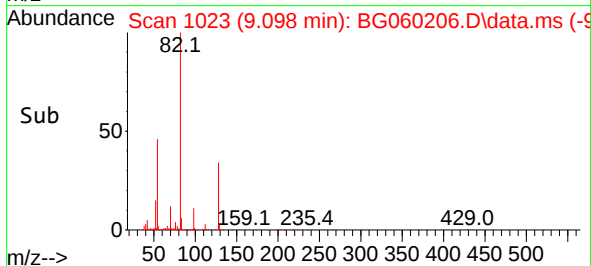
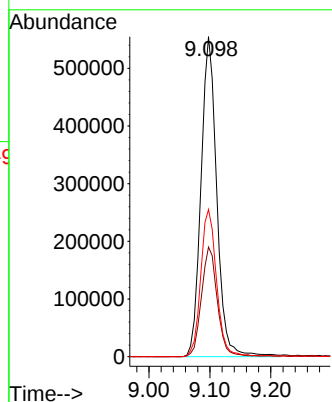
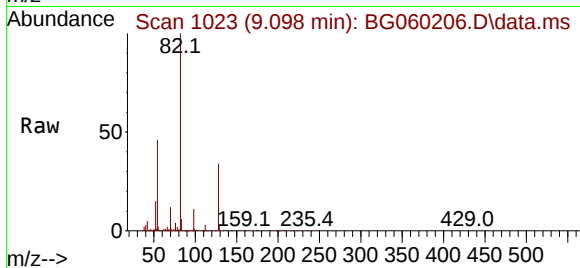
Tgt Ion: 82 Resp: 998230

Ion Ratio Lower Upper

82 100

128 34.3 28.7 43.1

54 46.0 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: BG060206.D

Acq: 2 Jan 2024 23:54

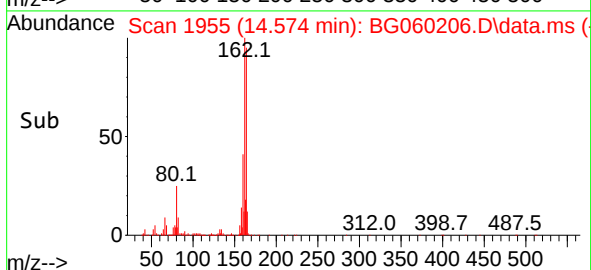
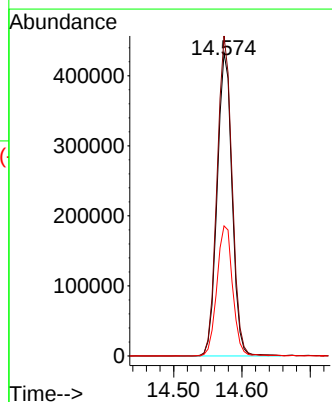
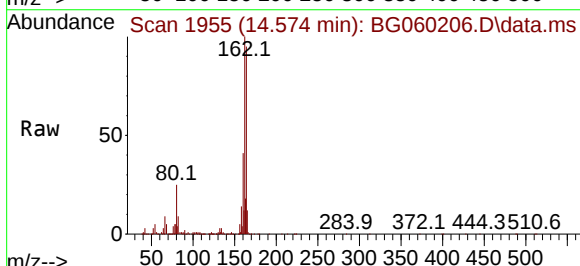
Tgt Ion:164 Resp: 657712

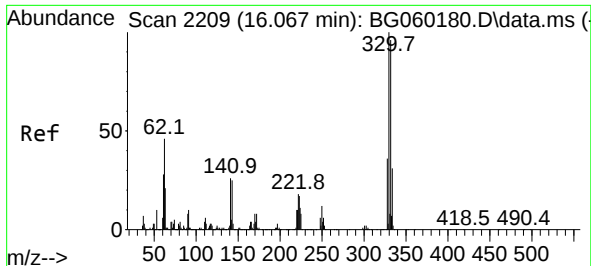
Ion Ratio Lower Upper

164 100

162 105.5 83.9 125.9

160 42.9 34.2 51.4

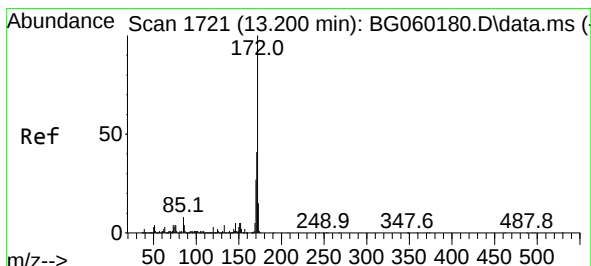
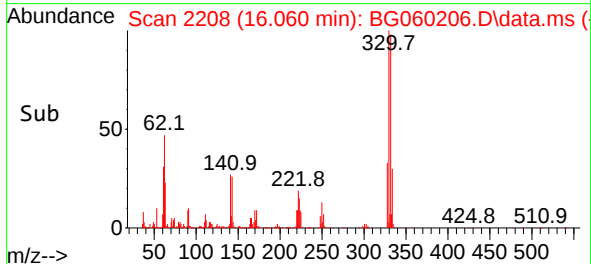
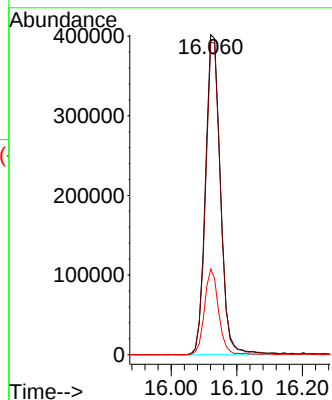
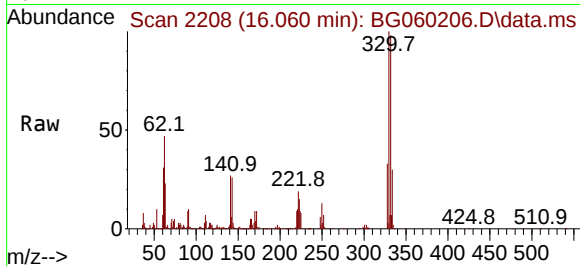




#42
2,4,6-Tribromophenol
Concen: 72.549 ng
RT: 16.060 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG060206.D
Acq: 2 Jan 2024 23:54

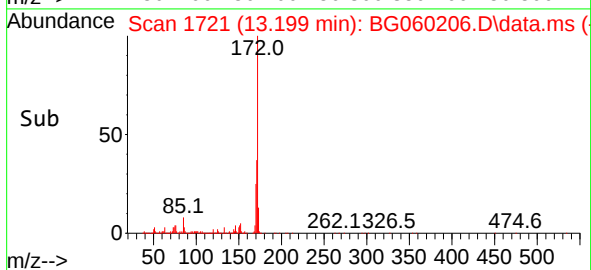
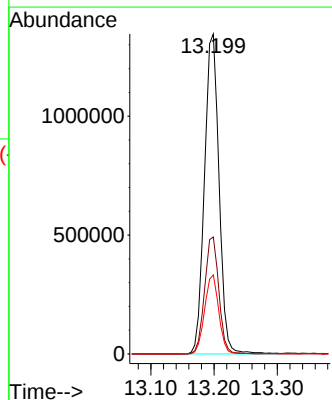
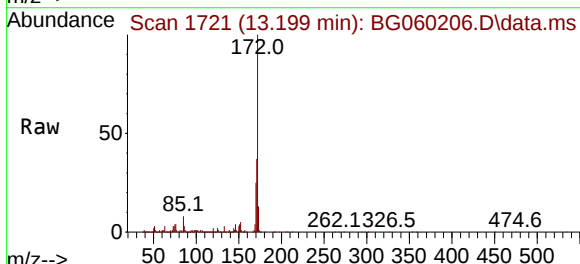
Instrument :
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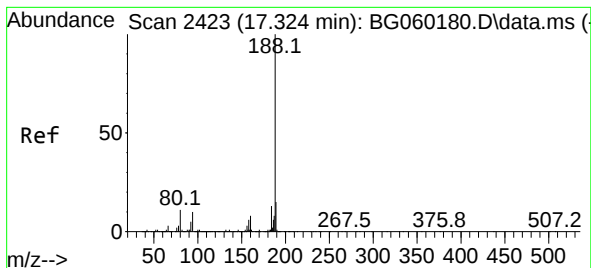
Tgt Ion:330 Resp: 638730
Ion Ratio Lower Upper
330 100
332 97.7 76.7 115.1
141 25.3 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 47.218 ng
RT: 13.199 min Scan# 1721
Delta R.T. -0.001 min
Lab File: BG060206.D
Acq: 2 Jan 2024 23:54

Tgt Ion:172 Resp: 2160845
Ion Ratio Lower Upper
172 100
171 36.5 32.6 48.8
170 24.7 21.8 32.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.323 min Scan# 2423

Delta R.T. -0.001 min

Lab File: BG060206.D

Acq: 2 Jan 2024 23:54

Instrument :

BNA_G

ClientSampleId :

GHL-SS-52

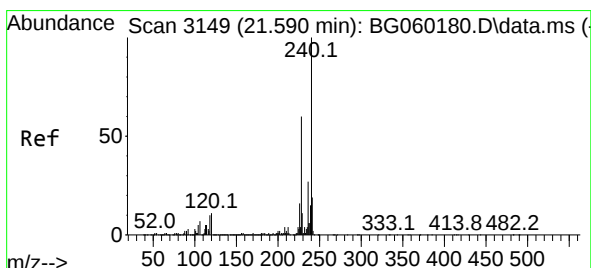
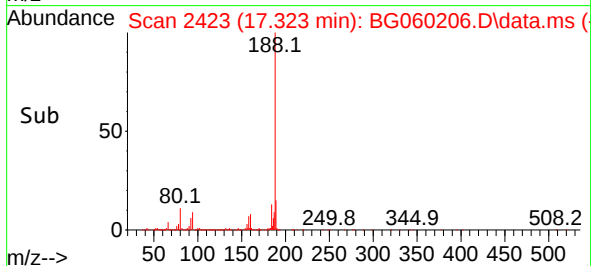
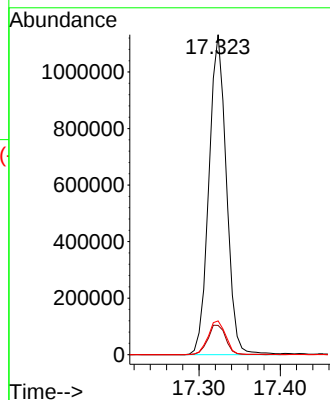
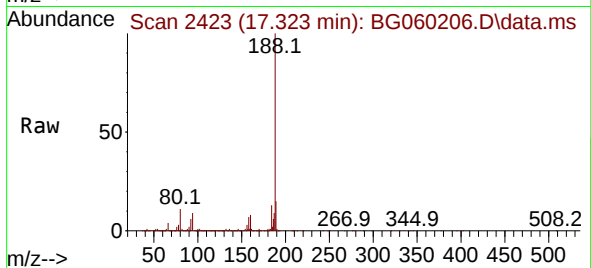
Tgt Ion:188 Resp: 1691028

Ion Ratio Lower Upper

188 100

94 9.2 7.8 11.6

80 10.5 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: BG060206.D

Acq: 2 Jan 2024 23:54

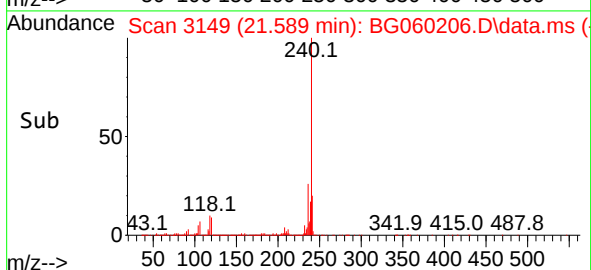
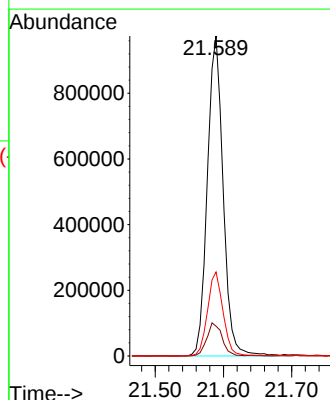
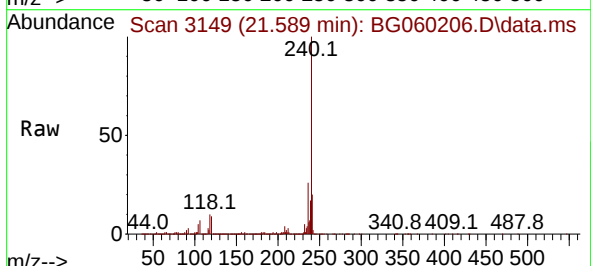
Tgt Ion:240 Resp: 1567117

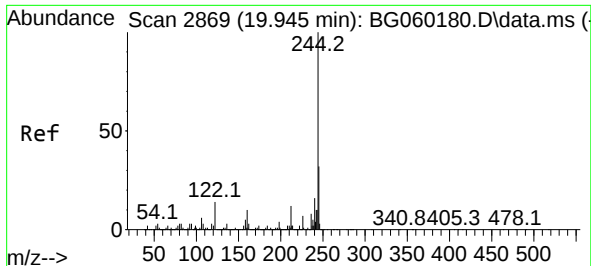
Ion Ratio Lower Upper

240 100

120 9.3 8.5 12.7

236 26.2 21.4 32.2

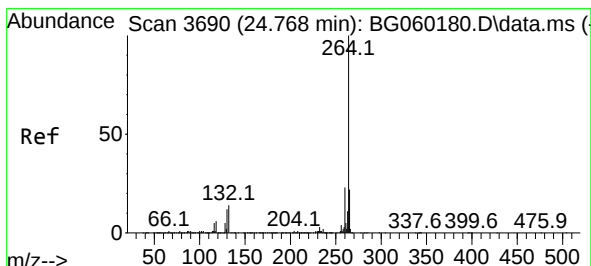
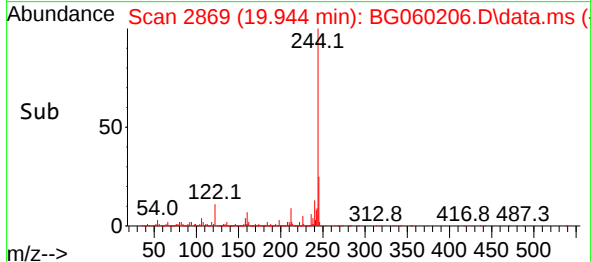
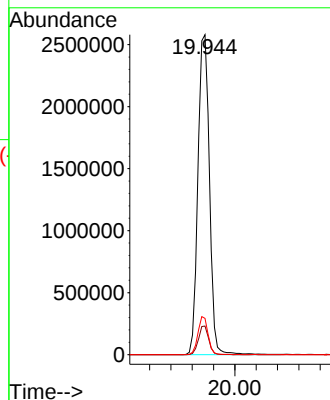
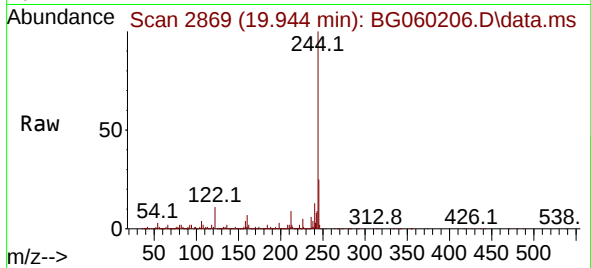




#79
 Terphenyl-d14
 Concen: 47.471 ng
 RT: 19.944 min Scan# 2869
 Delta R.T. -0.001 min
 Lab File: BG060206.D
 Acq: 2 Jan 2024 23:54

Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-52

Tgt Ion:244 Resp: 3869622
 Ion Ratio Lower Upper
 244 100
 212 8.9 9.5 14.3#
 122 11.4 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.768 min Scan# 3690
 Delta R.T. -0.001 min
 Lab File: BG060206.D
 Acq: 2 Jan 2024 23:54

Tgt Ion:264 Resp: 1728837
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.0 27.0
 265 22.6 17.4 26.0

