

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
 Data File : BG060197.D
 Acq On : 2 Jan 2024 16:30
 Operator : MA/JU
 Sample : 06039-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EC48-WEST

Quant Time: Jan 03 00:38:14 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	7.934	152	229633	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	1017873	20.000	ng	0.00
39) Acenaphthene-d10	14.573	164	740914	20.000	ng	0.00
64) Phenanthrene-d10	17.323	188	1838127	20.000	ng	0.00
76) Chrysene-d12	21.589	240	1821106	20.000	ng	0.00
86) Perylene-d12	24.767	264	2014061	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	1323071	86.963	ng	0.00
7) Phenol-d6	7.100	99	1710320	75.713	ng	0.00
23) Nitrobenzene-d5	9.098	82	1145888	51.999	ng	0.00
42) 2,4,6-Tribromophenol	16.066	330	793814	80.038	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	3015704	58.499	ng	0.00
79) Terphenyl-d14	19.944	244	4808360	50.761	ng	0.00

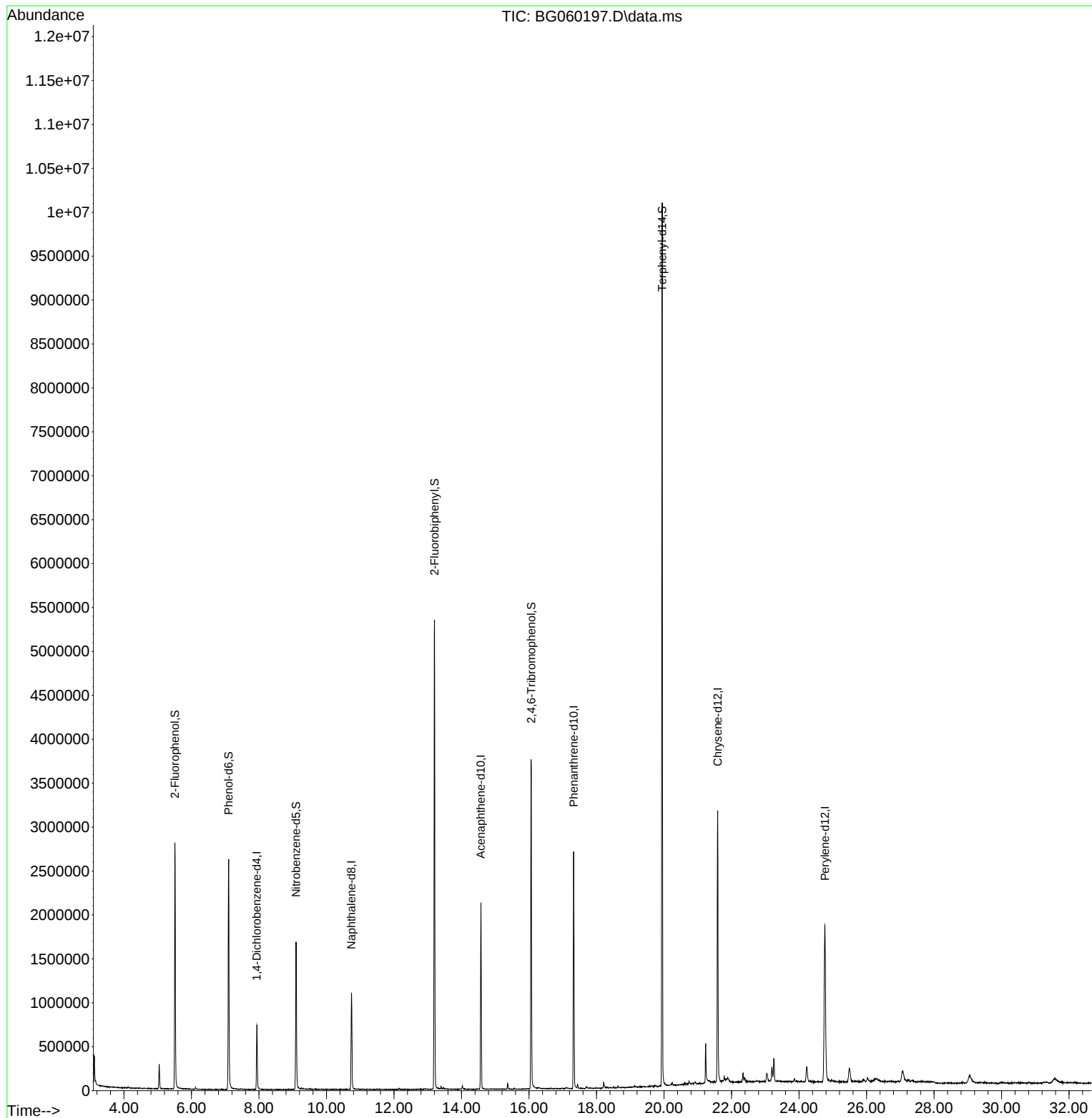
Target Compounds	Qvalue

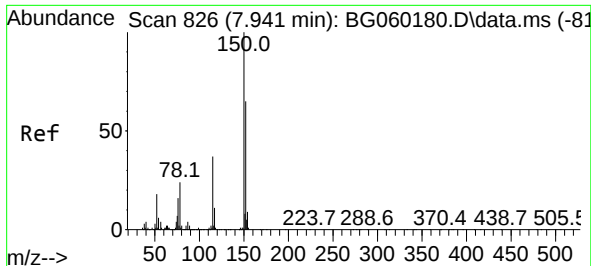
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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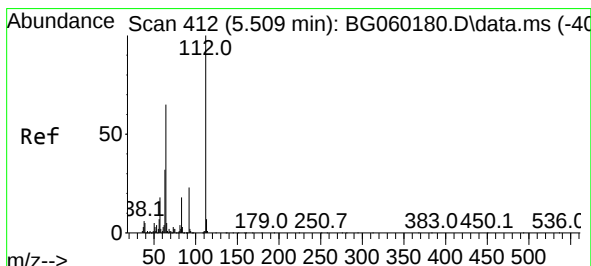
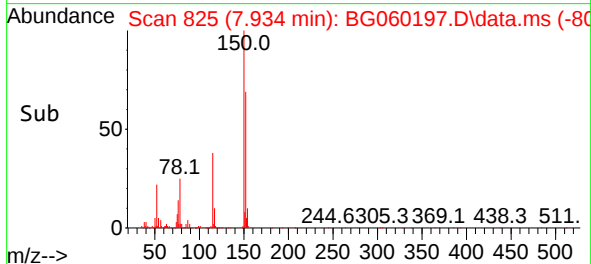
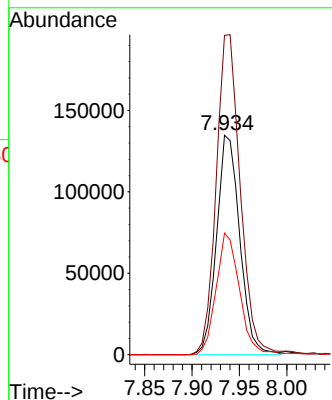
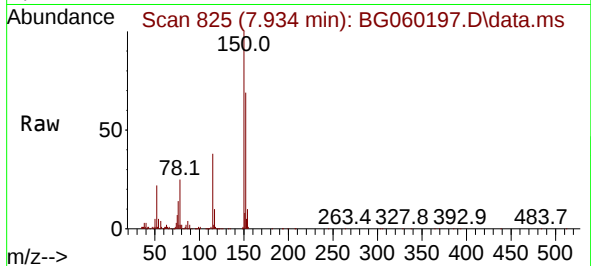




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG060197.D
Acq: 2 Jan 2024 16:30

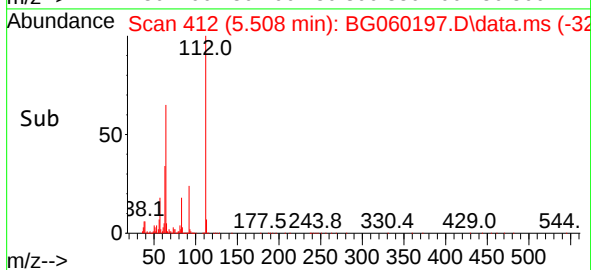
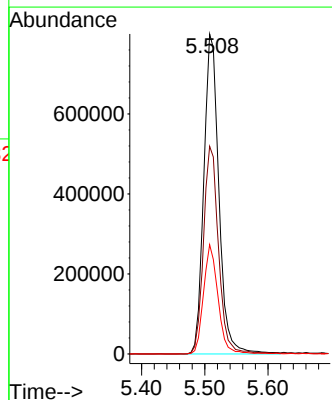
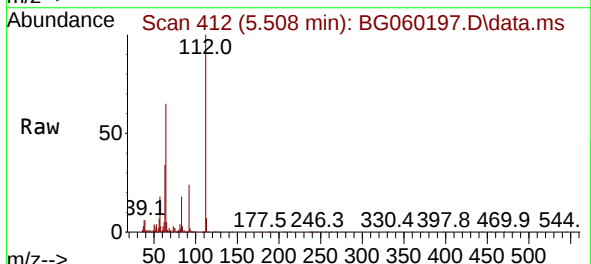
Instrument :
BNA_G
ClientSampleId :
EC48-WEST

Tgt Ion:152 Resp: 229633
Ion Ratio Lower Upper
152 100
150 145.5 123.4 185.0
115 55.4 45.4 68.0



#5
2-Fluorophenol
Concen: 86.963 ng
RT: 5.508 min Scan# 412
Delta R.T. -0.001 min
Lab File: BG060197.D
Acq: 2 Jan 2024 16:30

Tgt Ion:112 Resp: 1323071
Ion Ratio Lower Upper
112 100
64 64.9 52.2 78.4
63 34.2 25.4 38.0

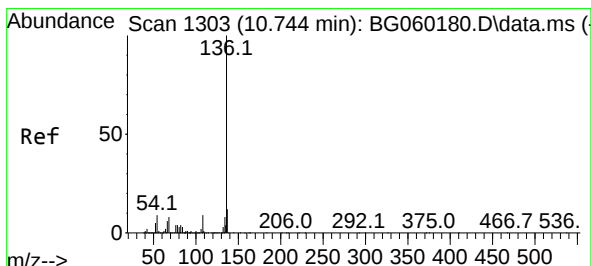
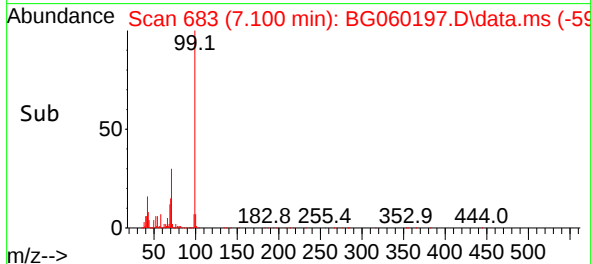
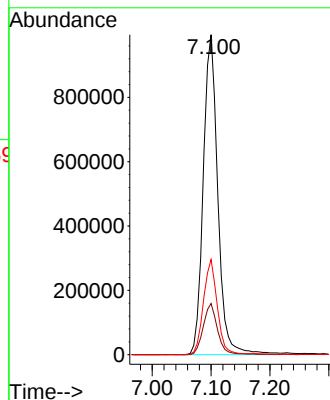
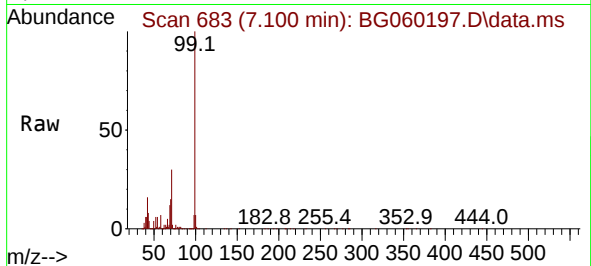




#7
Phenol-d6
Concen: 75.713 ng
RT: 7.100 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG060197.D
Acq: 2 Jan 2024 16:30

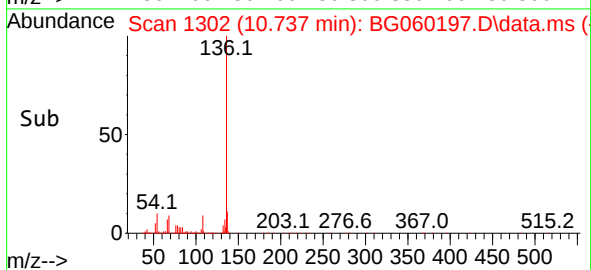
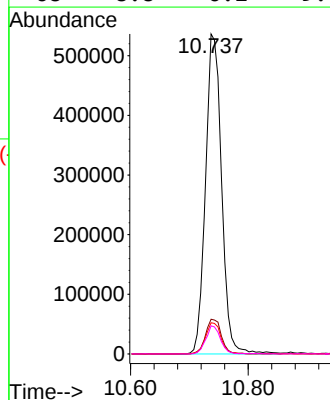
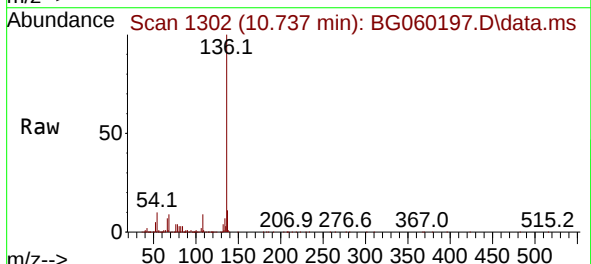
Instrument :
BNA_G
ClientSampleId :
EC48-WEST

Tgt Ion: 99 Resp: 1710320
Ion Ratio Lower Upper
99 100
42 16.0 12.5 18.7
71 29.7 24.1 36.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.737 min Scan# 1302
Delta R.T. -0.007 min
Lab File: BG060197.D
Acq: 2 Jan 2024 16:30

Tgt Ion: 136 Resp: 1017873
Ion Ratio Lower Upper
136 100
137 10.8 9.4 14.0
54 9.7 7.4 11.2
68 8.8 6.2 9.4





#23

Nitrobenzene-d5

Concen: 51.999 ng

RT: 9.098 min Scan# 1023

Delta R.T. -0.007 min

Lab File: BG060197.D

Acq: 2 Jan 2024 16:30

Instrument :

BNA_G

ClientSampleId :

EC48-WEST

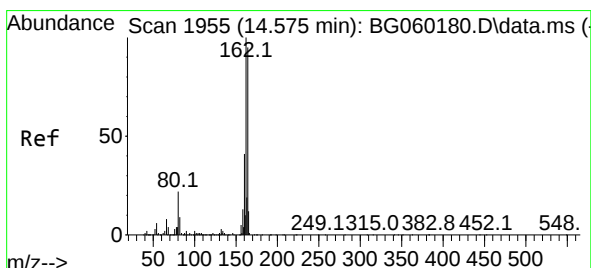
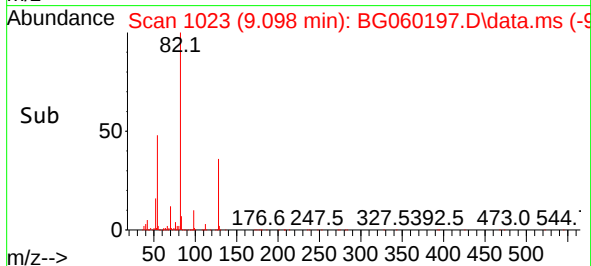
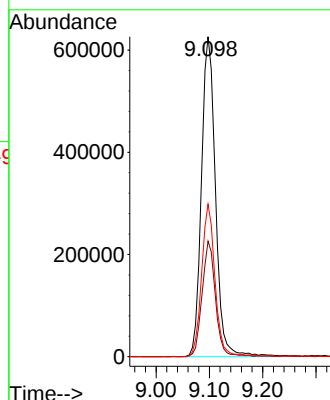
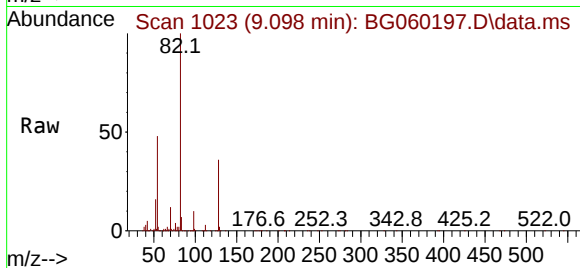
Tgt Ion: 82 Resp: 1145888

Ion Ratio Lower Upper

82 100

128 36.1 28.7 43.1

54 47.7 36.9 55.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.573 min Scan# 1955

Delta R.T. -0.001 min

Lab File: BG060197.D

Acq: 2 Jan 2024 16:30

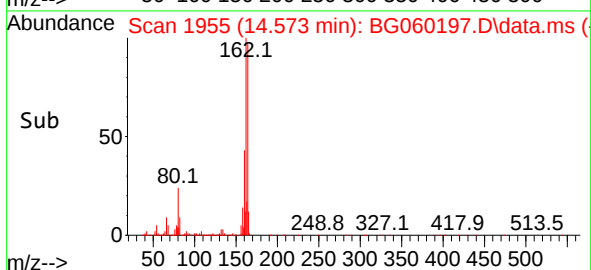
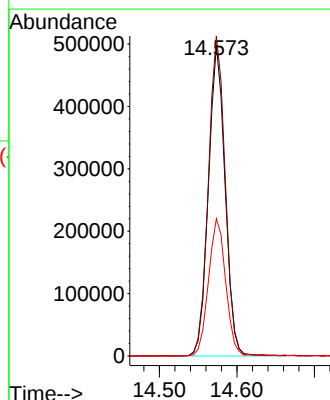
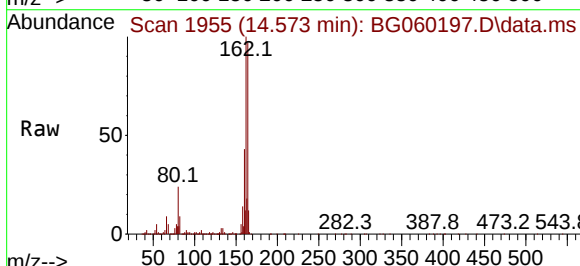
Tgt Ion:164 Resp: 740914

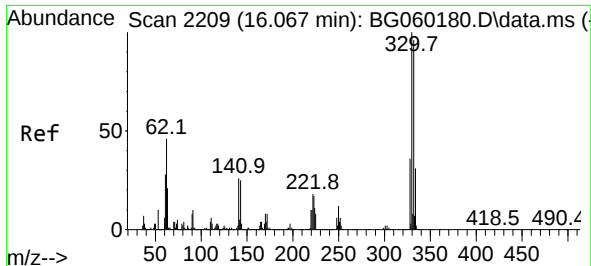
Ion Ratio Lower Upper

164 100

162 103.0 83.9 125.9

160 44.2 34.2 51.4

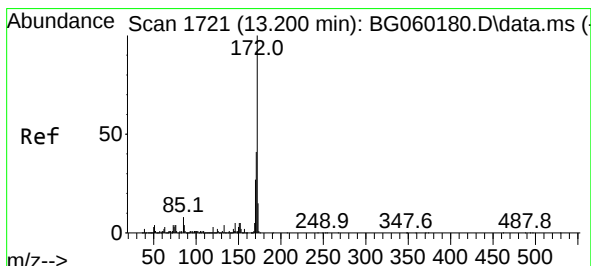
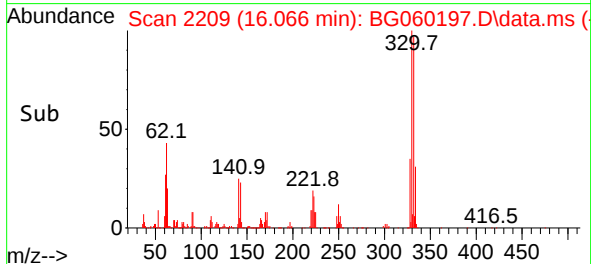
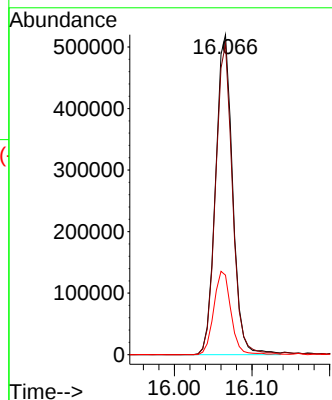
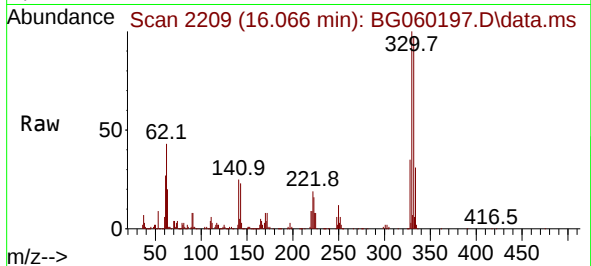




#42
2,4,6-Tribromophenol
Concen: 80.038 ng
RT: 16.066 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060197.D
Acq: 2 Jan 2024 16:30

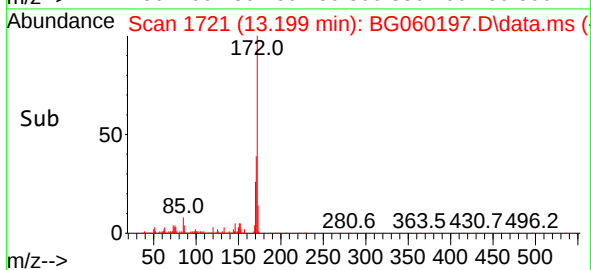
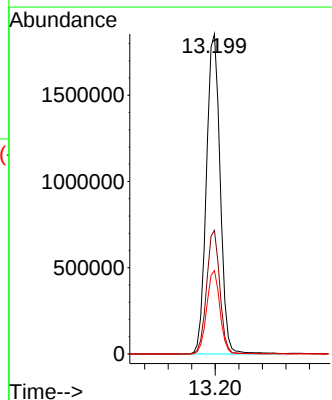
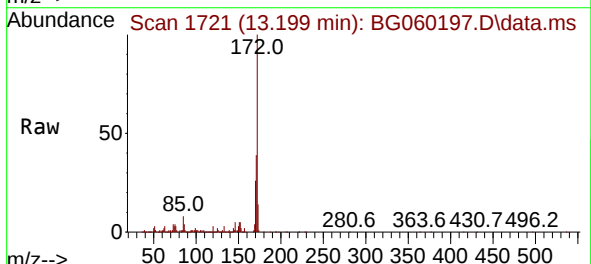
Instrument :
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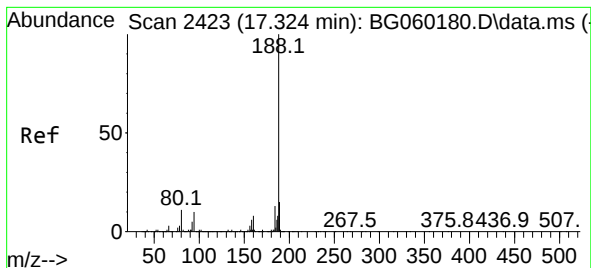
Tgt Ion:330 Resp: 793814
Ion Ratio Lower Upper
330 100
332 96.1 76.7 115.1
141 26.2 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 58.499 ng
RT: 13.199 min Scan# 1721
Delta R.T. -0.001 min
Lab File: BG060197.D
Acq: 2 Jan 2024 16:30

Tgt Ion:172 Resp: 3015704
Ion Ratio Lower Upper
172 100
171 38.6 32.6 48.8
170 26.1 21.8 32.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.323 min Scan# 24

Delta R.T. -0.001 min

Lab File: BG060197.D

Acq: 2 Jan 2024 16:30

Instrument :

BNA_G

ClientSampleId :

EC48-WEST

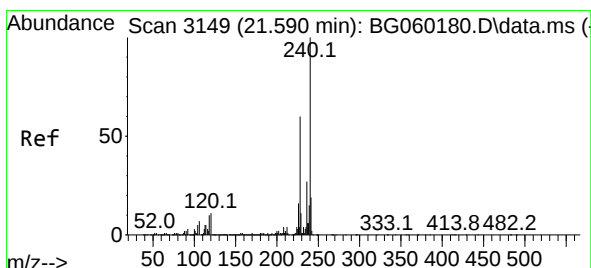
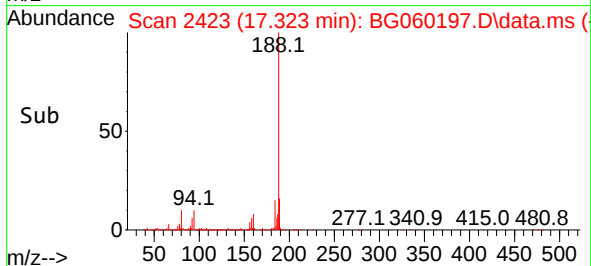
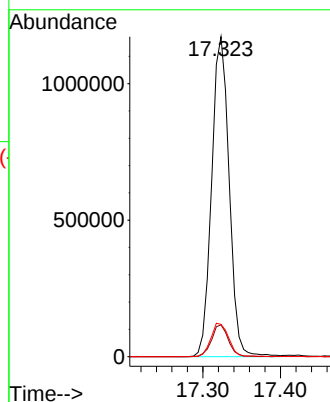
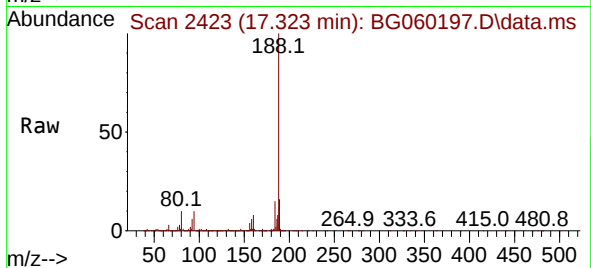
Tgt Ion:188 Resp: 1838127

Ion Ratio Lower Upper

188 100

94 9.9 7.8 11.6

80 10.1 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: BG060197.D

Acq: 2 Jan 2024 16:30

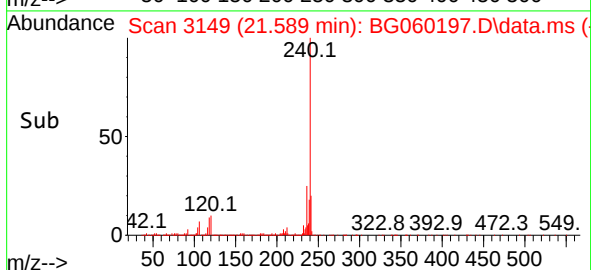
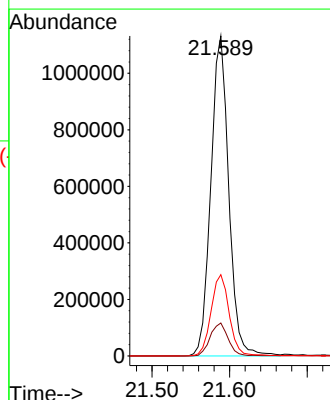
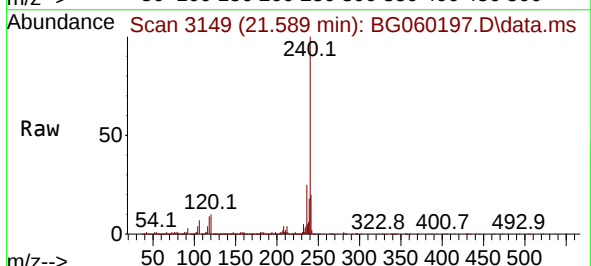
Tgt Ion:240 Resp: 1821106

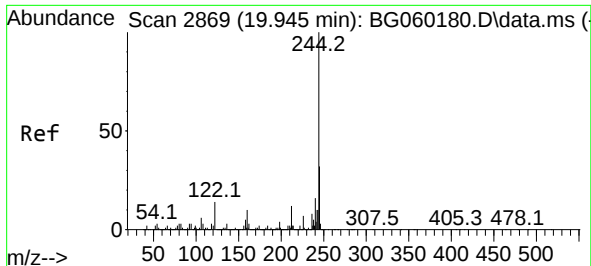
Ion Ratio Lower Upper

240 100

120 10.3 8.5 12.7

236 25.4 21.4 32.2

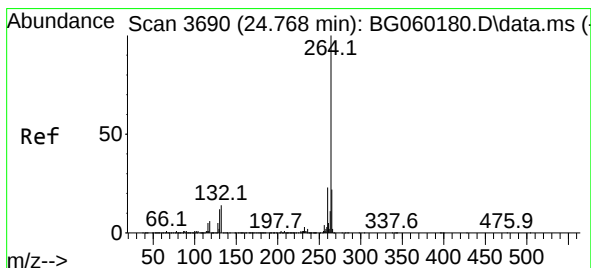
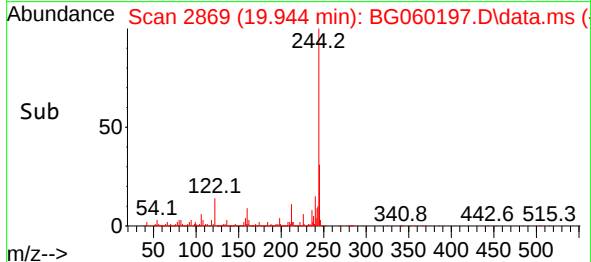
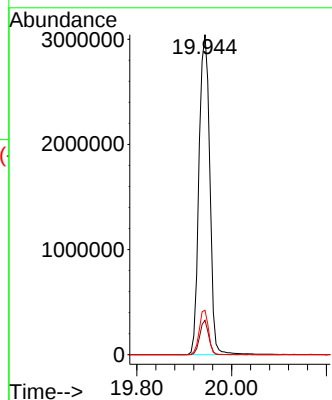
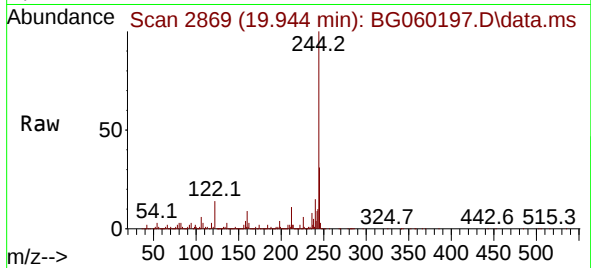




#79
 Terphenyl-d14
 Concen: 50.761 ng
 RT: 19.944 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG060197.D
 Acq: 2 Jan 2024 16:30

Instrument :
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 ClientSampleId :
 EC48-WEST

Tgt Ion:244 Resp: 4808360
 Ion Ratio Lower Upper
 244 100
 212 10.8 9.5 14.3
 122 13.9 11.4 17.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.767 min Scan# 3690
 Delta R.T. -0.001 min
 Lab File: BG060197.D
 Acq: 2 Jan 2024 16:30

Tgt Ion:264 Resp: 2014061
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.0 27.0
 265 20.8 17.4 26.0

