

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031424\
 Data File : BG060647.D
 Acq On : 14 Mar 2024 20:38
 Operator : MA/JU
 Sample : P1749-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1

Quant Time: Mar 15 01:37:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 00:45:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.323	152	104717	20.000	ng	0.00
21) Naphthalene-d8	11.167	136	498095	20.000	ng	0.00
39) Acenaphthene-d10	14.945	164	328972	20.000	ng	0.00
64) Phenanthrene-d10	17.694	188	690454	20.000	ng	0.00
76) Chrysene-d12	22.013	240	594300	20.000	ng	-0.01
86) Perylene-d12	25.562	264	674826	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.808	112	362002	54.343	ng	0.00
7) Phenol-d6	7.430	99	300788	31.127	ng	0.00
23) Nitrobenzene-d5	9.521	82	856559	89.498	ng	0.00
42) 2,4,6-Tribromophenol	16.431	330	477437	125.242	ng	0.00
45) 2-Fluorobiphenyl	13.576	172	2110113	86.724	ng	0.00
79) Terphenyl-d14	20.274	244	2813174	85.562	ng	0.00

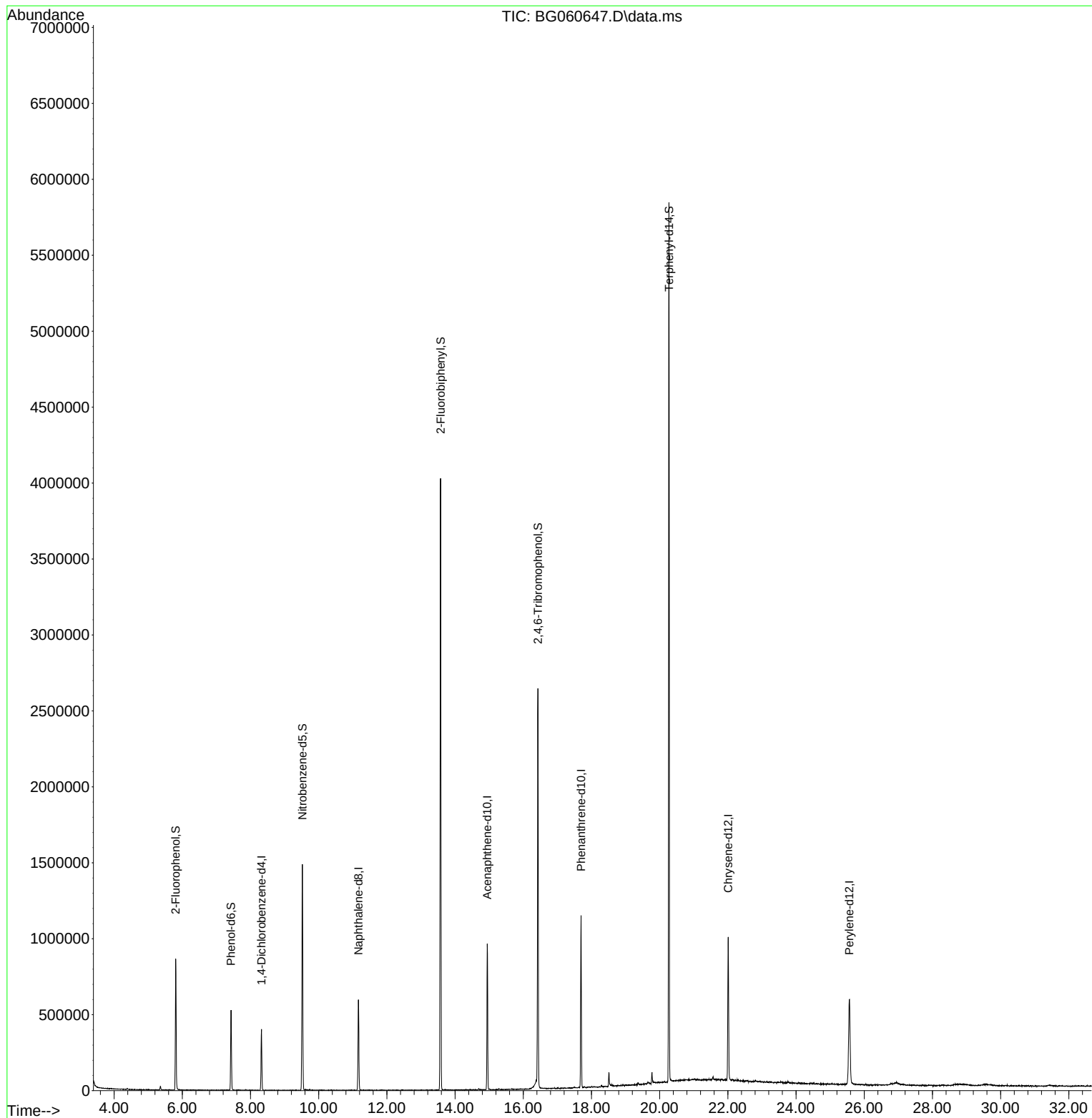
Target Compounds	Qvalue

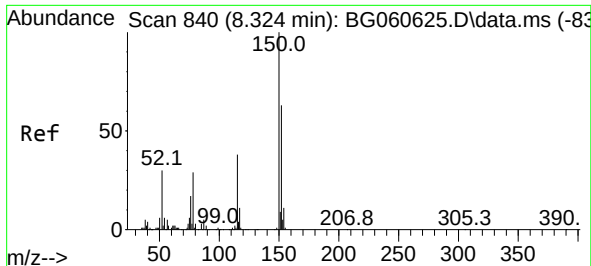
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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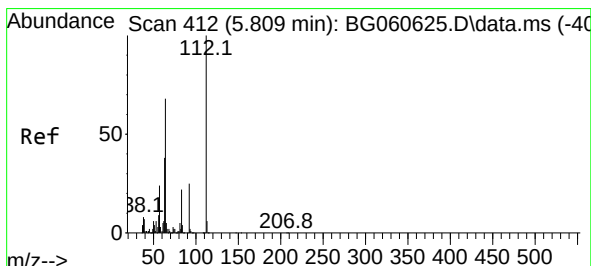
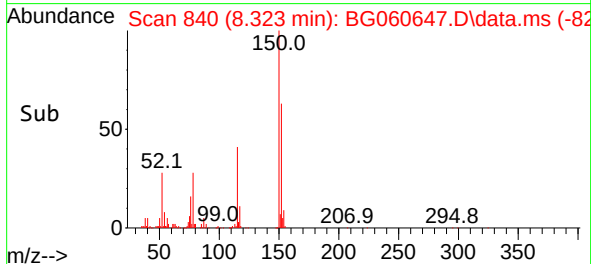
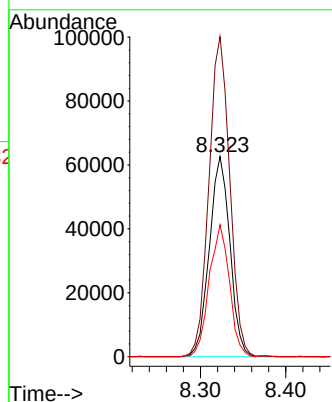
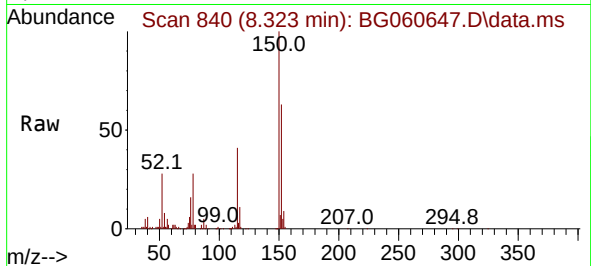




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.323 min Scan# 840
 Delta R.T. -0.001 min
 Lab File: BG060647.D
 Acq: 14 Mar 2024 20:38

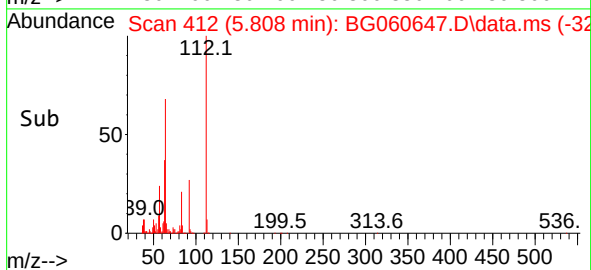
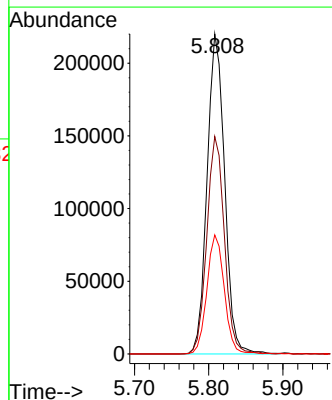
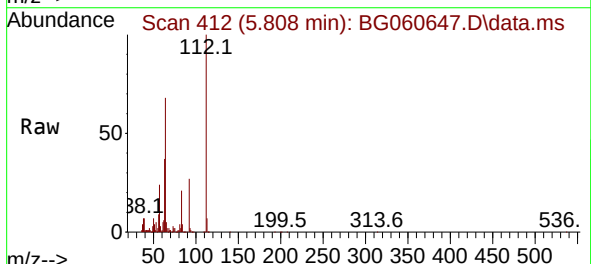
Instrument :
 BNA_G
 ClientSampleId :
 MW-1

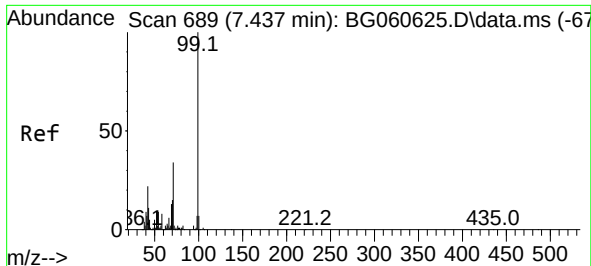
Tgt Ion:152 Resp: 104717
 Ion Ratio Lower Upper
 152 100
 150 159.9 126.6 190.0
 115 65.9 47.8 71.8



#5
 2-Fluorophenol
 Concen: 54.343 ng
 RT: 5.808 min Scan# 412
 Delta R.T. -0.001 min
 Lab File: BG060647.D
 Acq: 14 Mar 2024 20:38

Tgt Ion:112 Resp: 362002
 Ion Ratio Lower Upper
 112 100
 64 68.0 54.1 81.1
 63 37.2 30.3 45.5

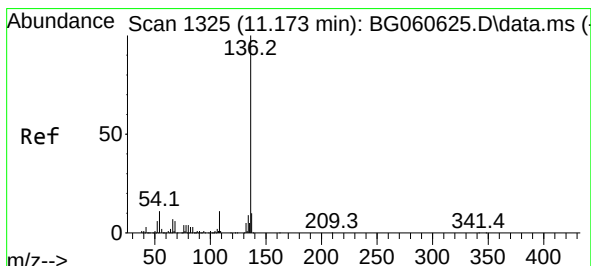
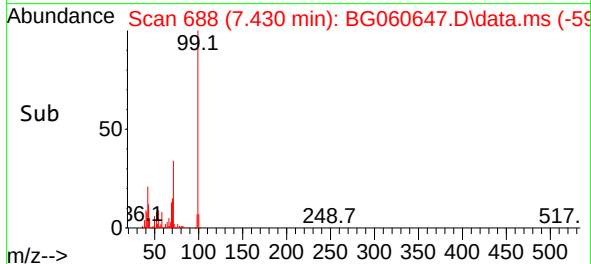
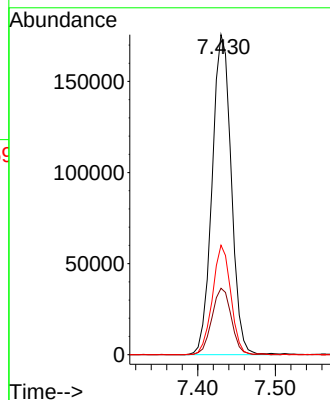
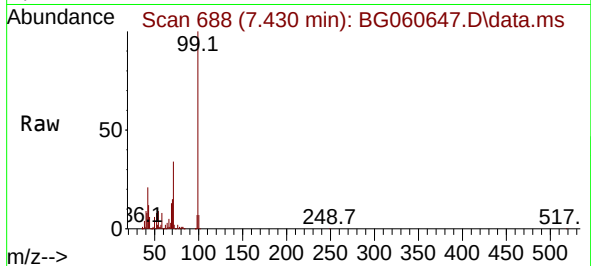




#7
Phenol-d6
Concen: 31.127 ng
RT: 7.430 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG060647.D
Acq: 14 Mar 2024 20:38

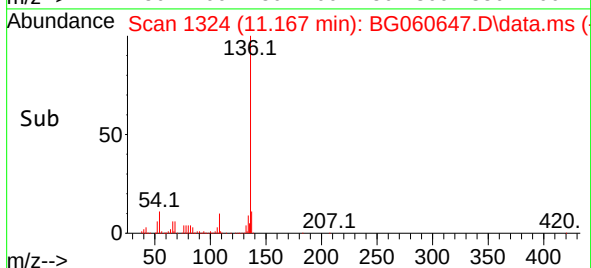
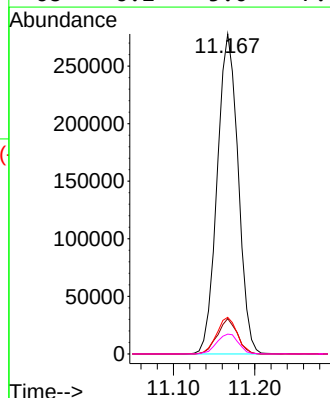
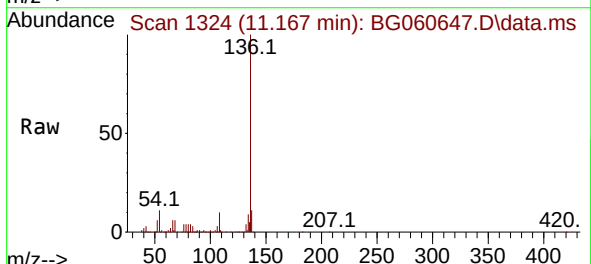
Instrument :
BNA_G
ClientSampleId :
MW-1

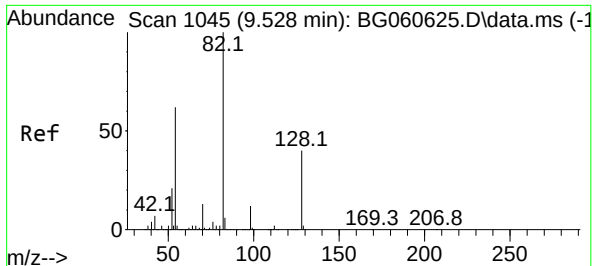
Tgt Ion: 99 Resp: 300788
Ion Ratio Lower Upper
99 100
42 20.7 17.5 26.3
71 34.2 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.167 min Scan# 1324
Delta R.T. -0.007 min
Lab File: BG060647.D
Acq: 14 Mar 2024 20:38

Tgt Ion: 136 Resp: 498095
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 11.5 8.5 12.7
68 6.2 5.0 7.6





#23

Nitrobenzene-d5

Concen: 89.498 ng

RT: 9.521 min Scan# 1044

Delta R.T. -0.007 min

Lab File: BG060647.D

Acq: 14 Mar 2024 20:38

Instrument :

BNA_G

ClientSampleId :

MW-1

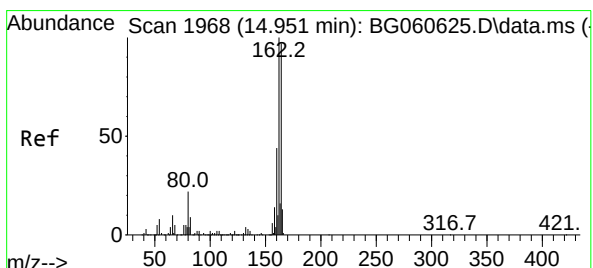
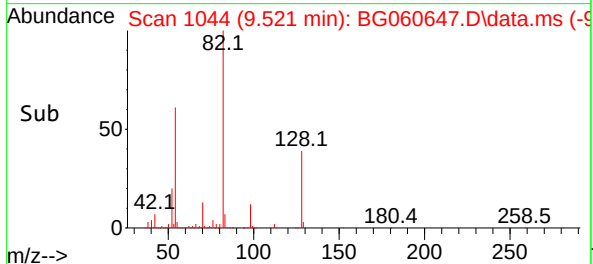
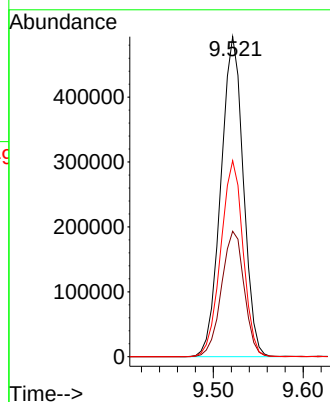
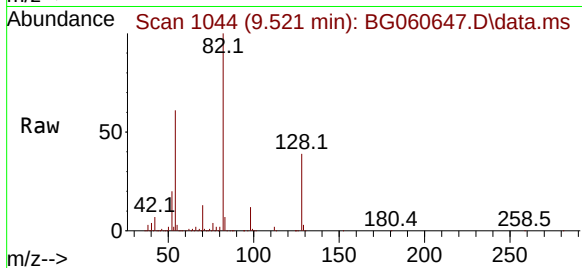
Tgt Ion: 82 Resp: 856559

Ion Ratio Lower Upper

82 100

128 39.2 31.6 47.4

54 61.3 49.3 73.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.945 min Scan# 1967

Delta R.T. -0.007 min

Lab File: BG060647.D

Acq: 14 Mar 2024 20:38

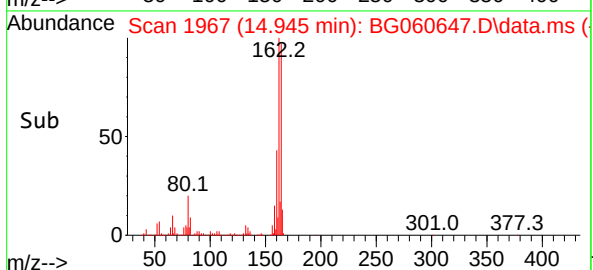
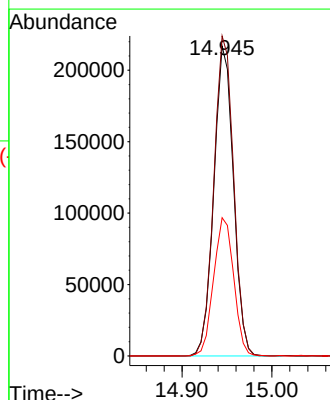
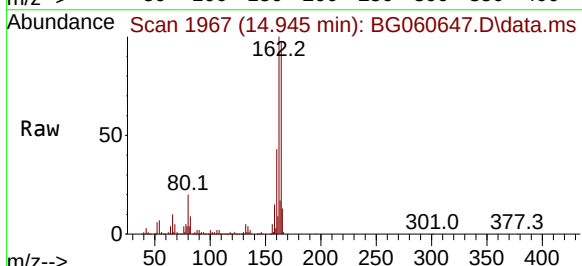
Tgt Ion:164 Resp: 328972

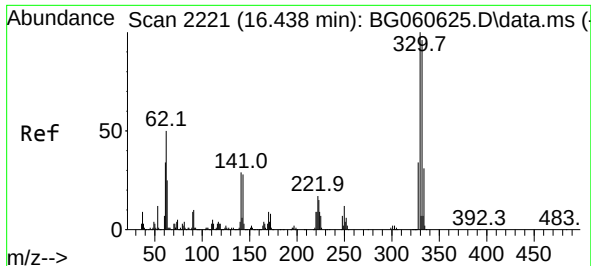
Ion Ratio Lower Upper

164 100

162 103.3 82.5 123.7

160 44.6 36.4 54.6

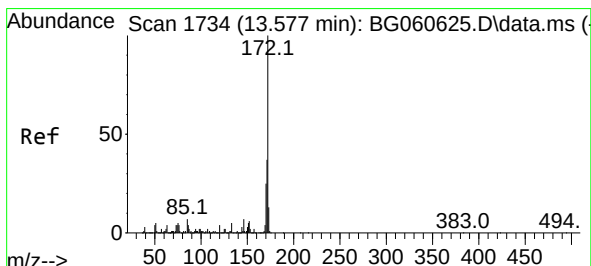
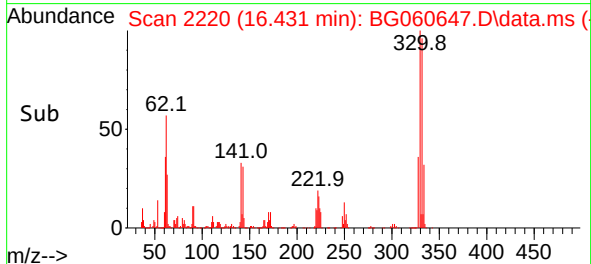
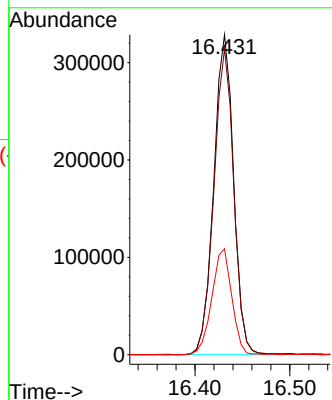
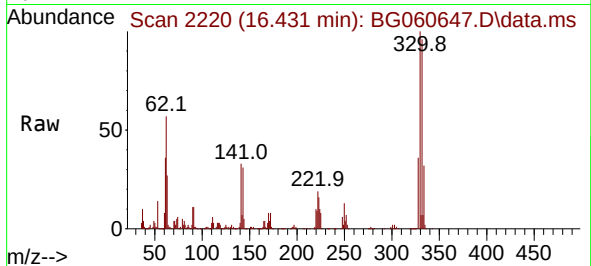




#42
2,4,6-Tribromophenol
Concen: 125.242 ng
RT: 16.431 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG060647.D
Acq: 14 Mar 2024 20:38

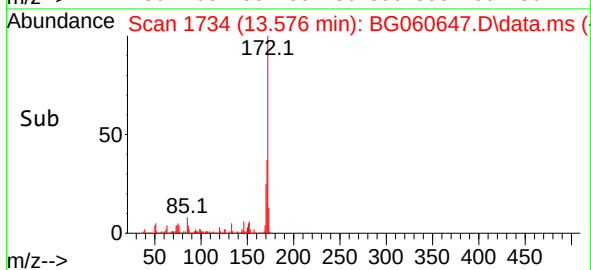
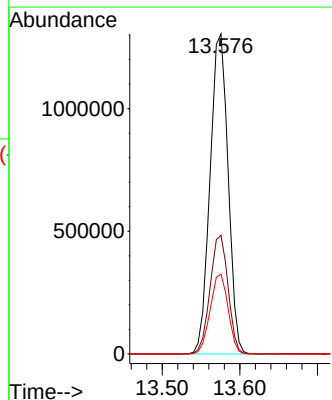
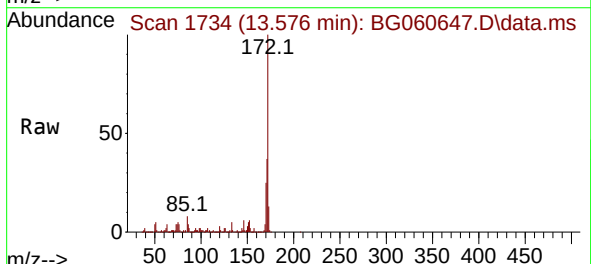
Instrument :
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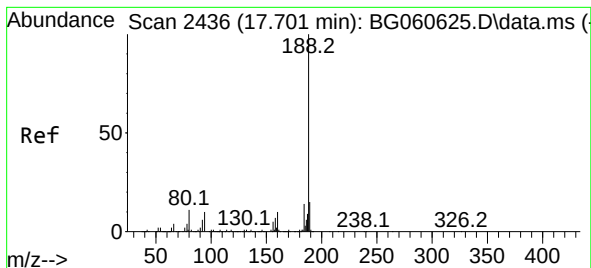
Tgt Ion:330 Resp: 477437
Ion Ratio Lower Upper
330 100
332 95.8 77.8 116.8
141 33.3 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 86.724 ng
RT: 13.576 min Scan# 1734
Delta R.T. -0.001 min
Lab File: BG060647.D
Acq: 14 Mar 2024 20:38

Tgt Ion:172 Resp: 2110113
Ion Ratio Lower Upper
172 100
171 37.1 29.9 44.9
170 24.9 19.8 29.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.694 min Scan# 24

Delta R.T. -0.007 min

Lab File: BG060647.D

Acq: 14 Mar 2024 20:38

Instrument :

BNA_G

ClientSampleId :

MW-1

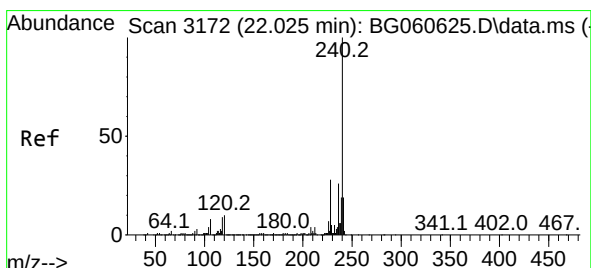
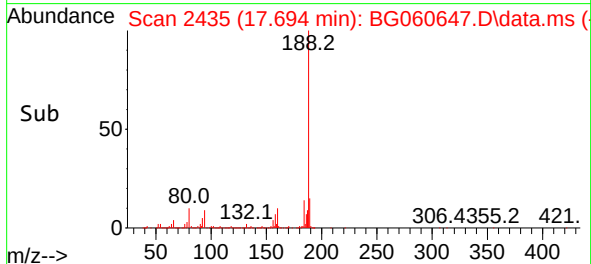
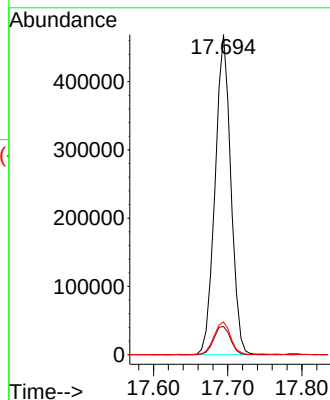
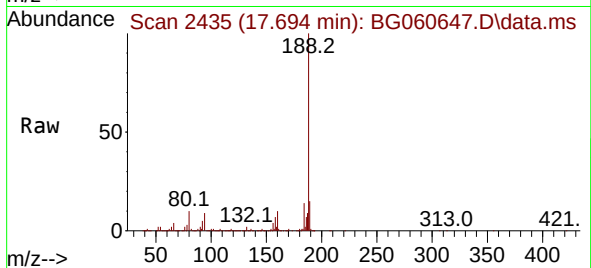
Tgt Ion:188 Resp: 690454

Ion Ratio Lower Upper

188 100

94 8.8 7.9 11.9

80 10.2 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.013 min Scan# 3170

Delta R.T. -0.013 min

Lab File: BG060647.D

Acq: 14 Mar 2024 20:38

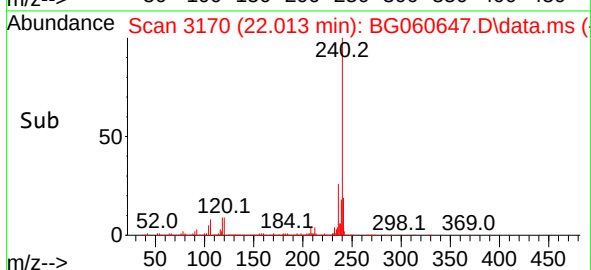
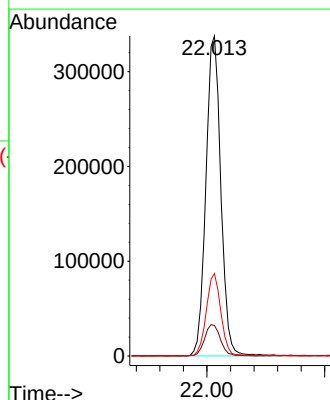
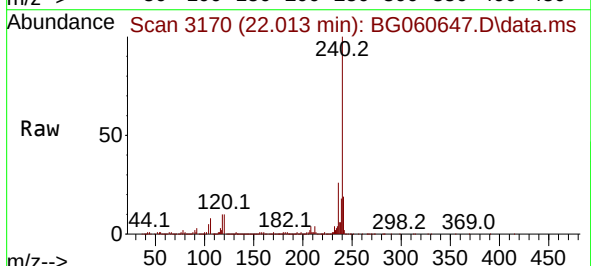
Tgt Ion:240 Resp: 594300

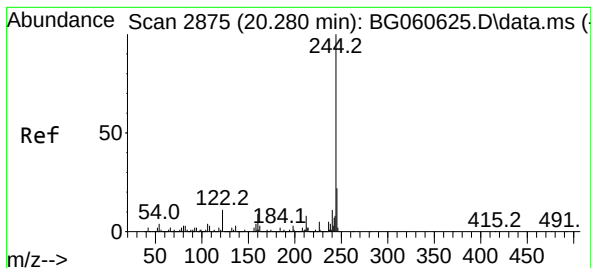
Ion Ratio Lower Upper

240 100

120 9.5 7.8 11.8

236 25.7 20.6 31.0





#79

Terphenyl-d14

Concen: 85.562 ng

RT: 20.274 min Scan# 2875

Delta R.T. -0.007 min

Lab File: BG060647.D

Acq: 14 Mar 2024 20:38

Instrument :

BNA_G

ClientSampleId :

MW-1

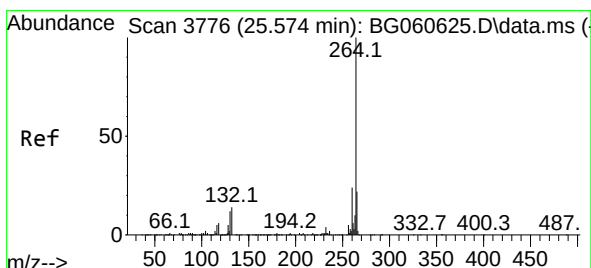
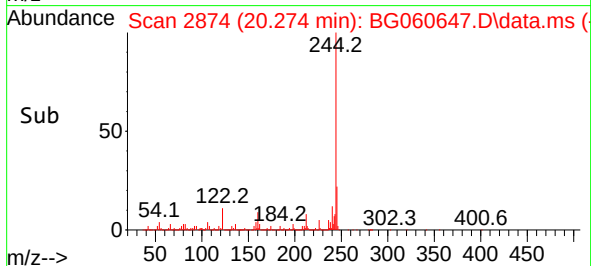
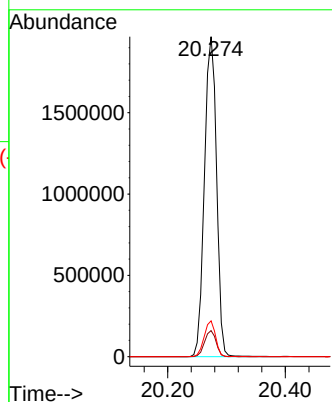
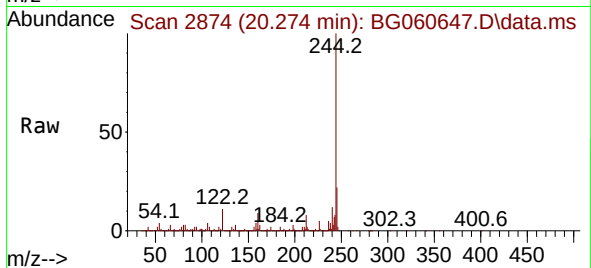
Tgt Ion:244 Resp: 2813174

Ion Ratio Lower Upper

244 100

212 8.2 6.6 9.8

122 11.2 8.5 12.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.562 min Scan# 3774

Delta R.T. -0.013 min

Lab File: BG060647.D

Acq: 14 Mar 2024 20:38

Tgt Ion:264 Resp: 674826

Ion Ratio Lower Upper

264 100

260 23.1 19.4 29.2

265 22.0 18.1 27.1

