

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031424\
 Data File : BG060654.D
 Acq On : 15 Mar 2024 2:01
 Operator : MA/JU
 Sample : P1749-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-2

Quant Time: Mar 15 03:49:14 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	8.320	152	94528	20.000	ng	0.00
21) Naphthalene-d8	11.164	136	450341	20.000	ng	0.00
39) Acenaphthene-d10	14.948	164	307383	20.000	ng	0.00
64) Phenanthrene-d10	17.692	188	629640	20.000	ng	0.00
76) Chrysene-d12	22.010	240	542365	20.000	ng	-0.02
86) Perylene-d12	25.565	264	626643	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.811	112	323868	53.859	ng	0.00
7) Phenol-d6	7.433	99	281509	32.272	ng	0.00
23) Nitrobenzene-d5	9.525	82	767119	88.652	ng	0.00
42) 2,4,6-Tribromophenol	16.428	330	484162	135.927	ng	0.00
45) 2-Fluorobiphenyl	13.573	172	1923970	84.627	ng	0.00
79) Terphenyl-d14	20.271	244	2661531	88.701	ng	0.00

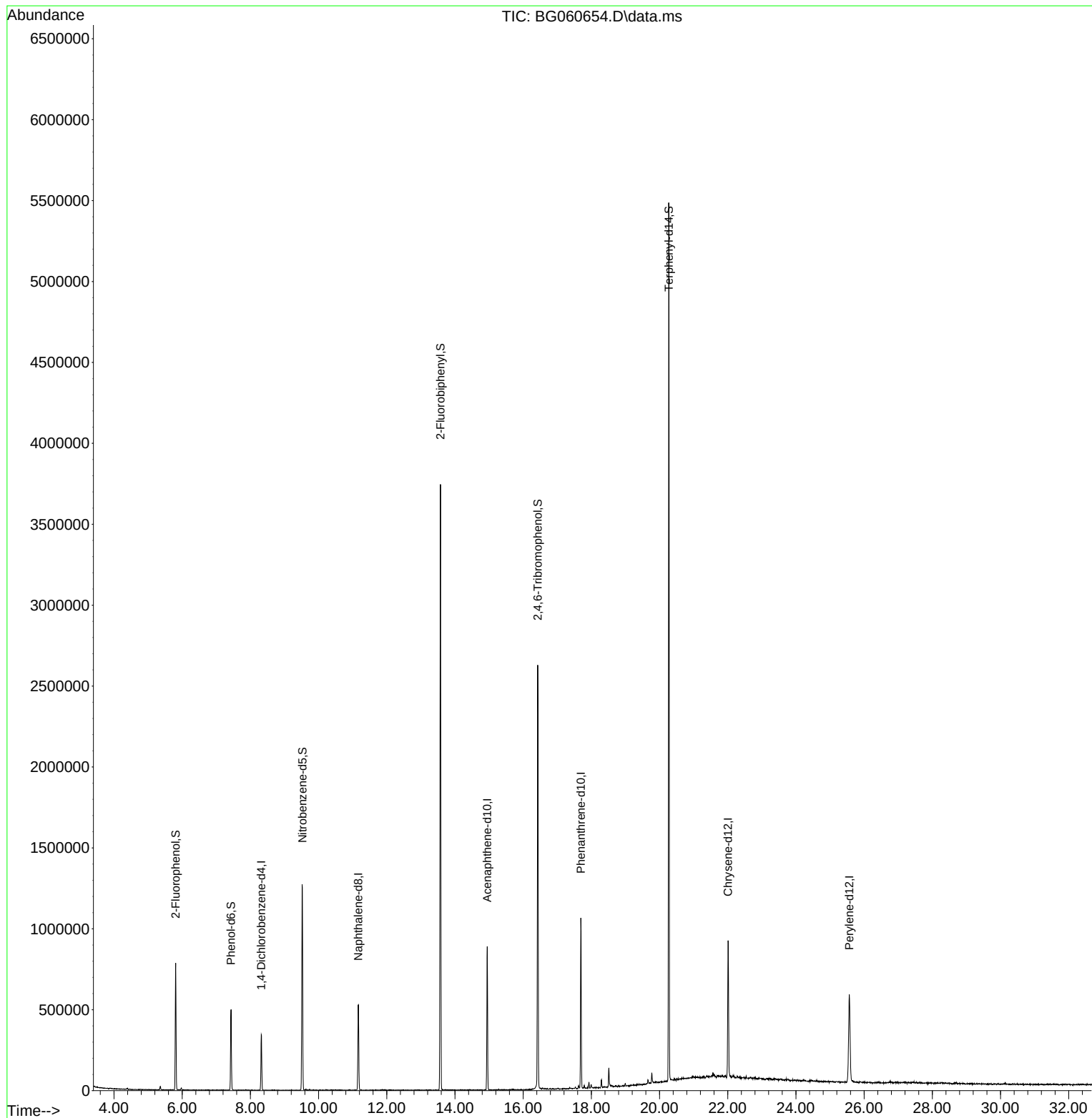
Target Compounds	Qvalue

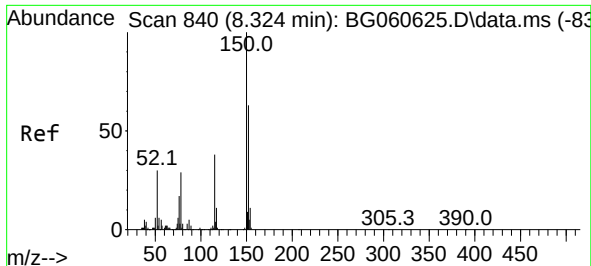
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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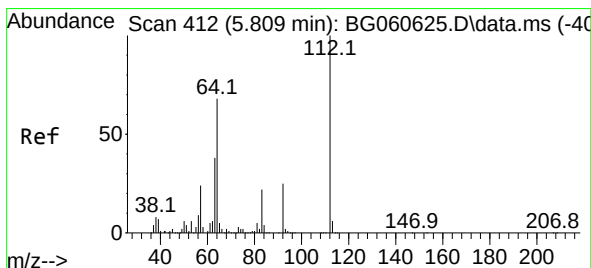
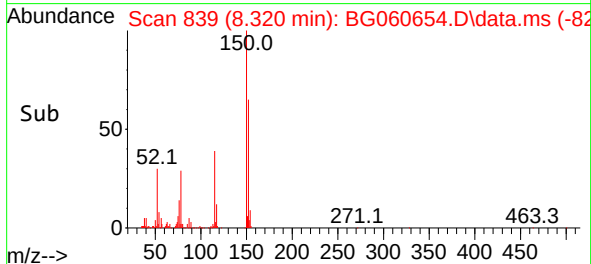
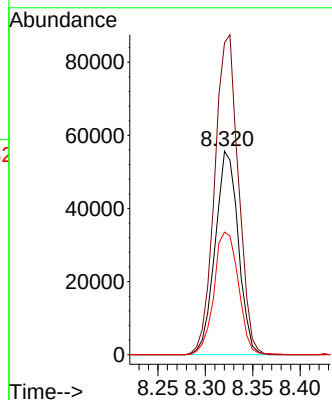
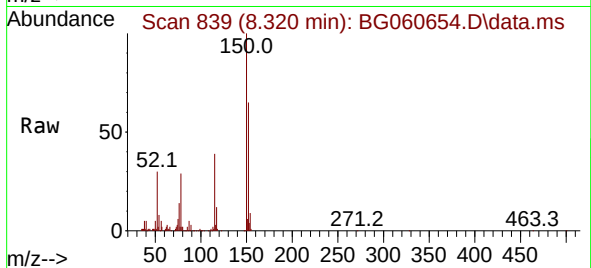




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.320 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG060654.D
Acq: 15 Mar 2024 2:01

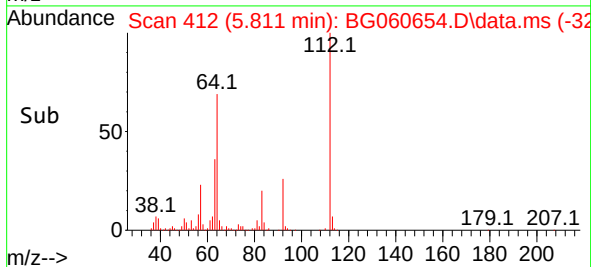
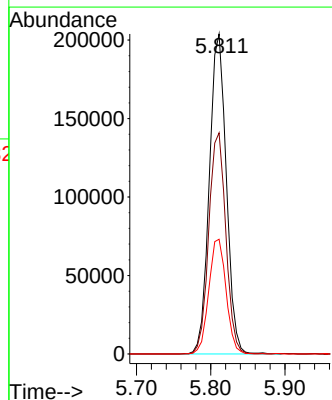
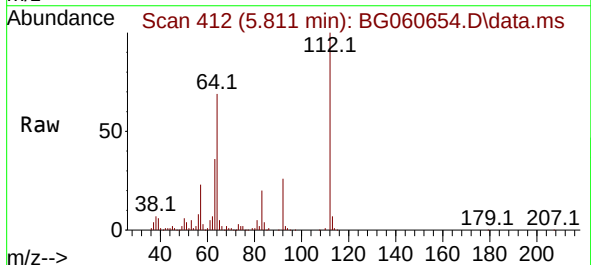
Instrument :
BNA_G
ClientSampleId :
MW-2

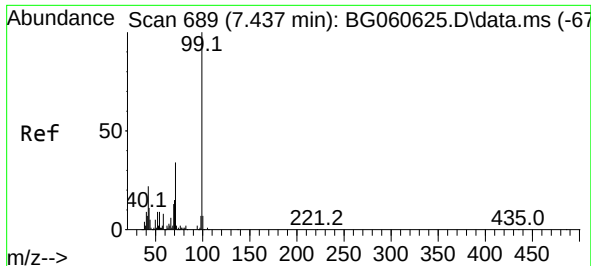
Tgt Ion:152 Resp: 94528
Ion Ratio Lower Upper
152 100
150 153.2 126.6 190.0
115 60.2 47.8 71.8



#5
2-Fluorophenol
Concen: 53.859 ng
RT: 5.811 min Scan# 412
Delta R.T. 0.002 min
Lab File: BG060654.D
Acq: 15 Mar 2024 2:01

Tgt Ion:112 Resp: 323868
Ion Ratio Lower Upper
112 100
64 69.1 54.1 81.1
63 35.8 30.3 45.5

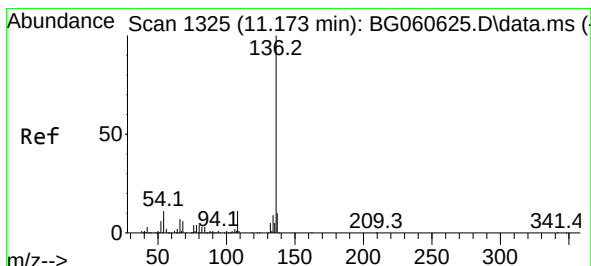
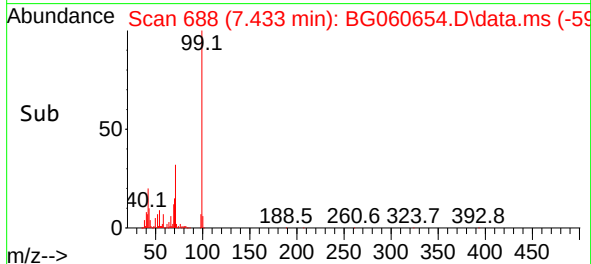
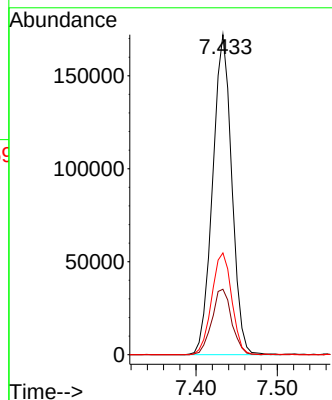
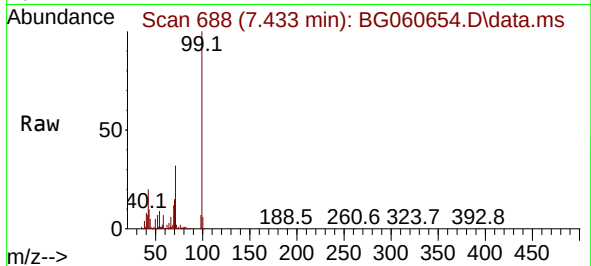




#7
Phenol-d6
Concen: 32.272 ng
RT: 7.433 min Scan# 689
Delta R.T. -0.004 min
Lab File: BG060654.D
Acq: 15 Mar 2024 2:01

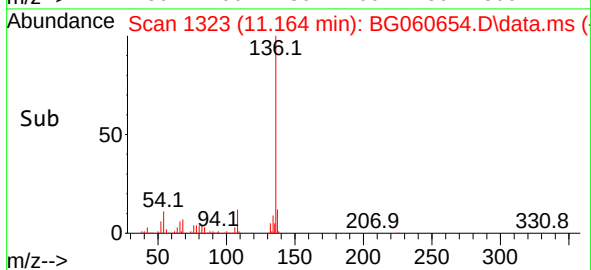
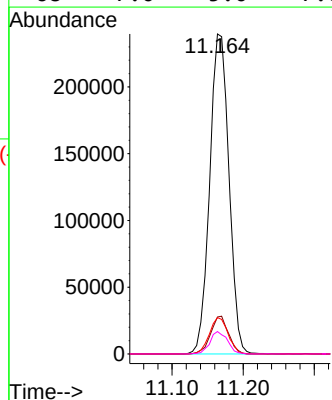
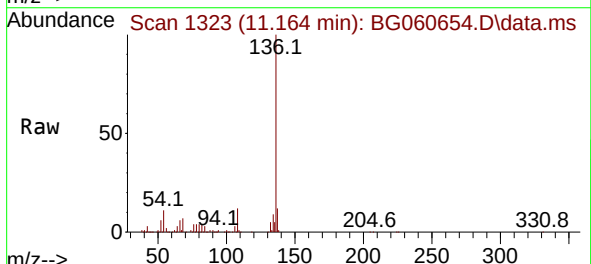
Instrument :
BNA_G
ClientSampleId :
MW-2

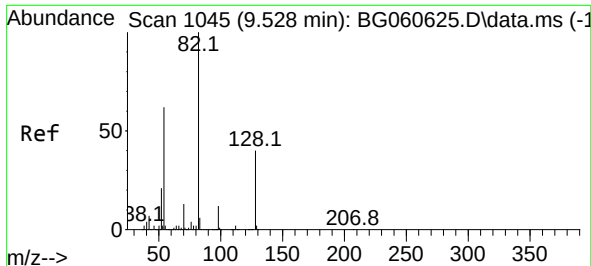
Tgt Ion: 99 Resp: 281509
Ion Ratio Lower Upper
99 100
42 20.4 17.5 26.3
71 31.8 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.164 min Scan# 1323
Delta R.T. -0.010 min
Lab File: BG060654.D
Acq: 15 Mar 2024 2:01

Tgt Ion: 136 Resp: 450341
Ion Ratio Lower Upper
136 100
137 11.5 8.4 12.6
54 11.4 8.5 12.7
68 7.0 5.0 7.6





#23

Nitrobenzene-d5

Concen: 88.652 ng

RT: 9.525 min Scan# 1045

Delta R.T. -0.004 min

Lab File: BG060654.D

Acq: 15 Mar 2024 2:01

Instrument :

BNA_G

ClientSampleId :

MW-2

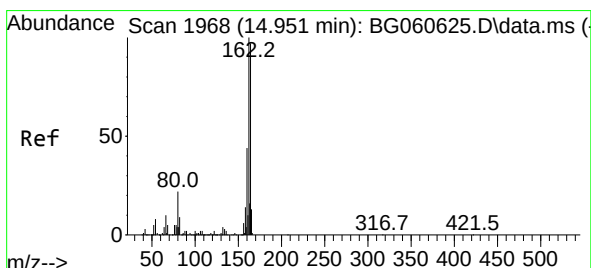
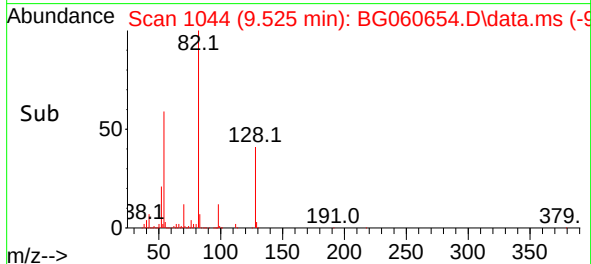
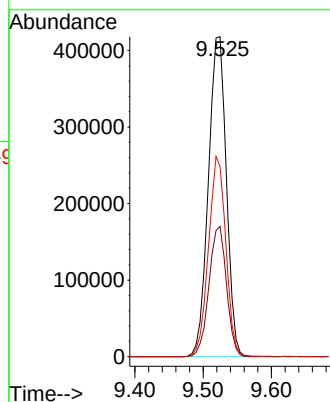
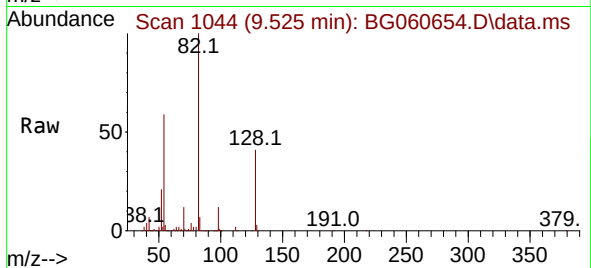
Tgt Ion: 82 Resp: 767119

Ion Ratio Lower Upper

82 100

128 40.7 31.6 47.4

54 59.5 49.3 73.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.948 min Scan# 1967

Delta R.T. -0.004 min

Lab File: BG060654.D

Acq: 15 Mar 2024 2:01

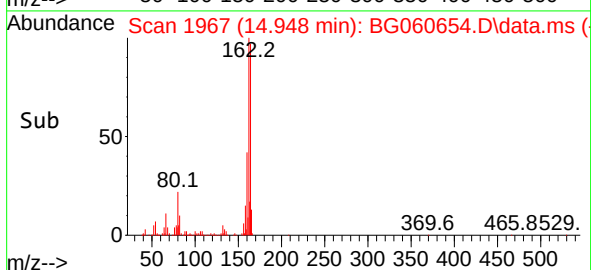
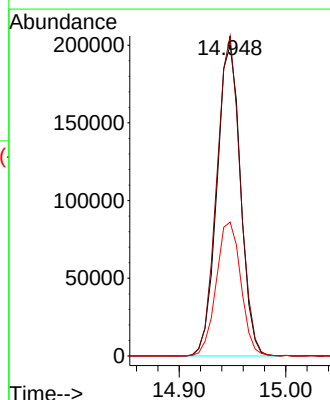
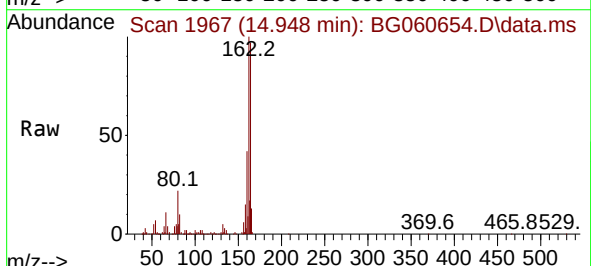
Tgt Ion: 164 Resp: 307383

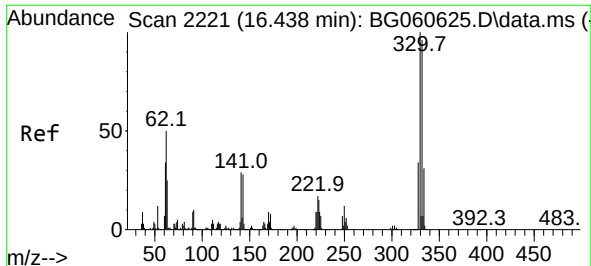
Ion Ratio Lower Upper

164 100

162 102.9 82.5 123.7

160 43.1 36.4 54.6

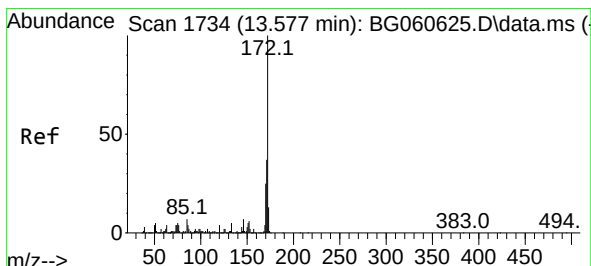
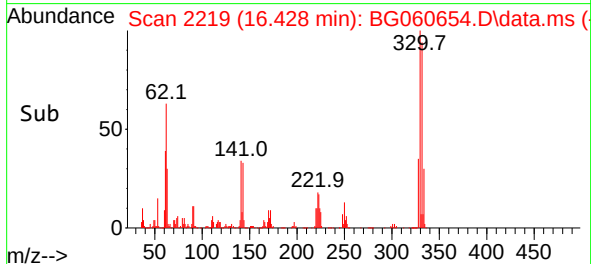
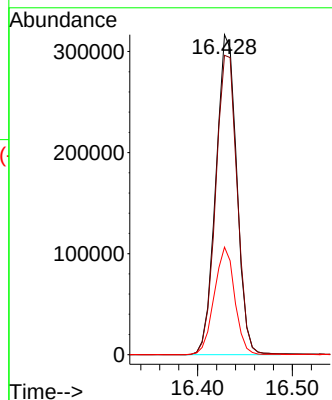
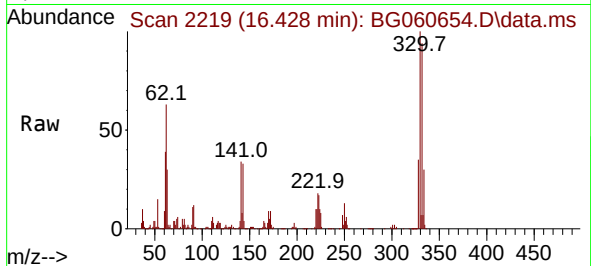




#42
2,4,6-Tribromophenol
Concen: 135.927 ng
RT: 16.428 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG060654.D
Acq: 15 Mar 2024 2:01

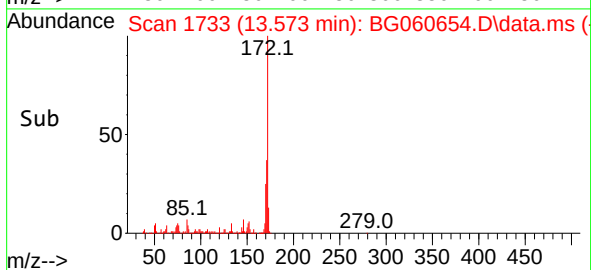
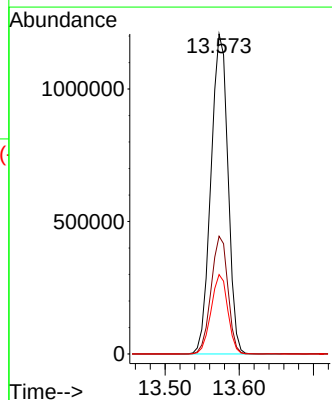
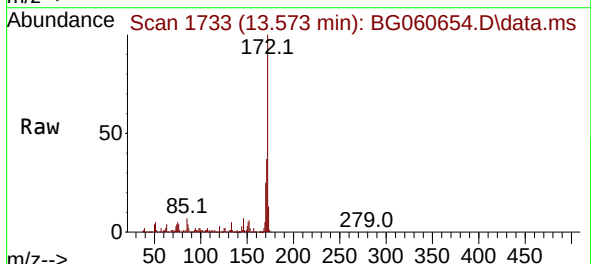
Instrument :
BNA_G
ClientSampleId :
MW-2

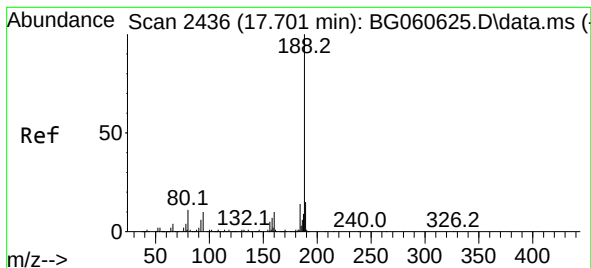
Tgt Ion:330 Resp: 484162
Ion Ratio Lower Upper
330 100
332 96.4 77.8 116.8
141 33.1 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 84.627 ng
RT: 13.573 min Scan# 1733
Delta R.T. -0.004 min
Lab File: BG060654.D
Acq: 15 Mar 2024 2:01

Tgt Ion:172 Resp: 1923970
Ion Ratio Lower Upper
172 100
171 36.8 29.9 44.9
170 24.8 19.8 29.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.692 min Scan# 2436

Delta R.T. -0.010 min

Lab File: BG060654.D

Acq: 15 Mar 2024 2:01

Instrument :

BNA_G

ClientSampleId :

MW-2

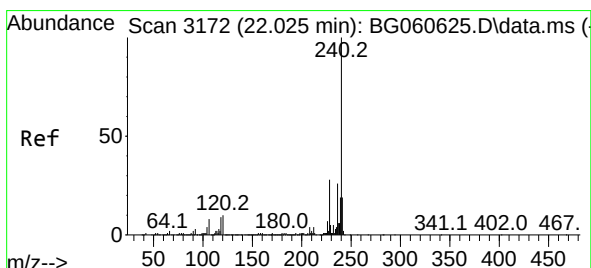
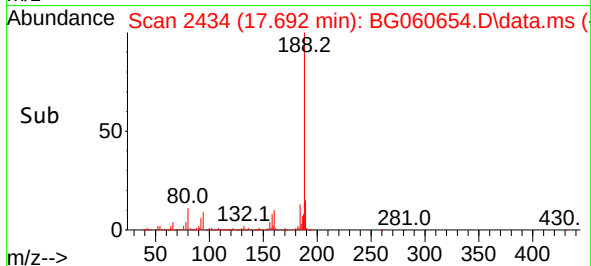
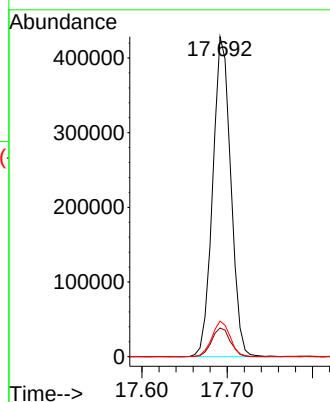
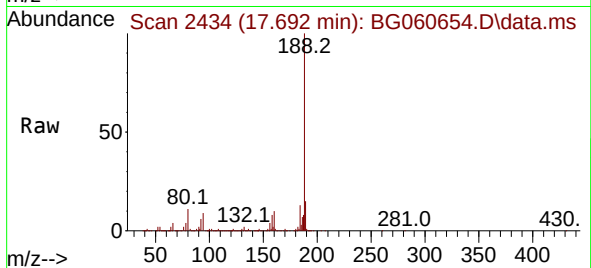
Tgt Ion:188 Resp: 629640

Ion Ratio Lower Upper

188 100

94 9.0 7.9 11.9

80 11.1 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.010 min Scan# 3169

Delta R.T. -0.015 min

Lab File: BG060654.D

Acq: 15 Mar 2024 2:01

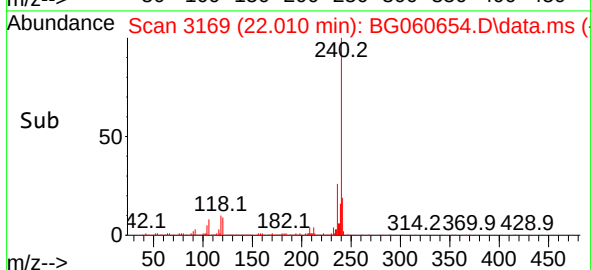
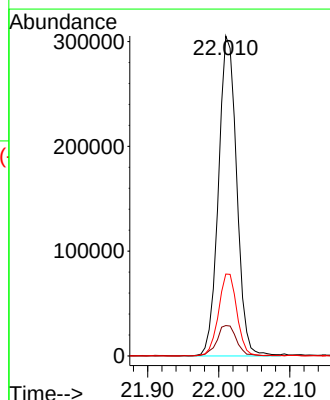
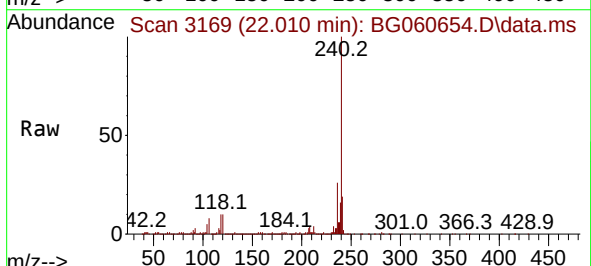
Tgt Ion:240 Resp: 542365

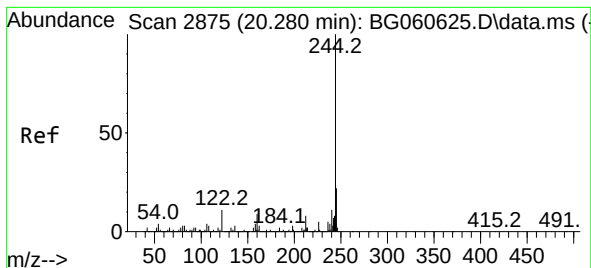
Ion Ratio Lower Upper

240 100

120 9.5 7.8 11.8

236 25.6 20.6 31.0





#79

Terphenyl-d14

Concen: 88.701 ng

RT: 20.271 min Scan# 2

Delta R.T. -0.010 min

Lab File: BG060654.D

Acq: 15 Mar 2024 2:01

Instrument :

BNA_G

ClientSampleId :

MW-2

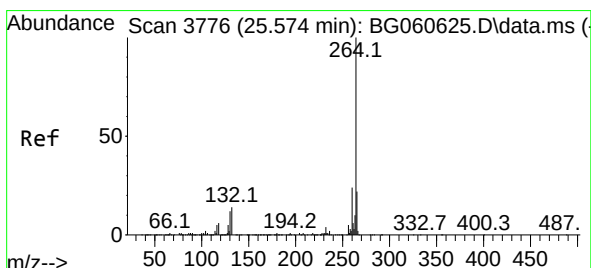
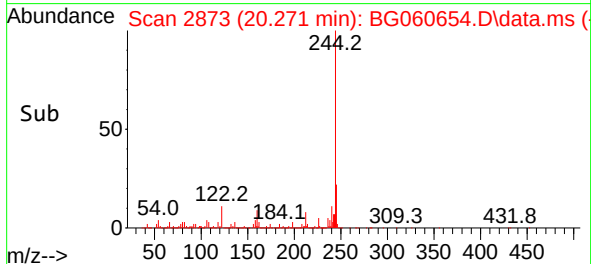
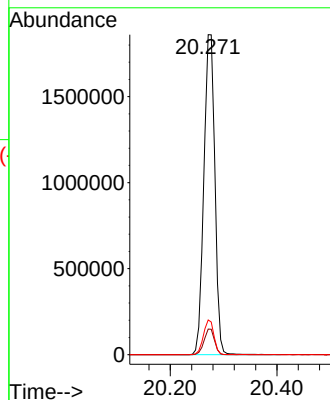
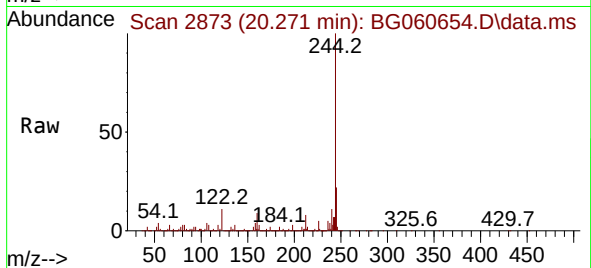
Tgt Ion:244 Resp: 2661531

Ion Ratio Lower Upper

244 100

212 8.0 6.6 9.8

122 10.9 8.5 12.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.565 min Scan# 3774

Delta R.T. -0.010 min

Lab File: BG060654.D

Acq: 15 Mar 2024 2:01

Tgt Ion:264 Resp: 626643

Ion Ratio Lower Upper

264 100

260 25.1 19.4 29.2

265 23.0 18.1 27.1

