

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031424\
 Data File : BG060643.D
 Acq On : 14 Mar 2024 17:55
 Operator : MA/JU
 Sample : P1747-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-01

Quant Time: Mar 15 01:36:46 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	8.322	152	87894	20.000	ng	0.00
21) Naphthalene-d8	11.166	136	407330	20.000	ng	0.00
39) Acenaphthene-d10	14.950	164	278240	20.000	ng	0.00
64) Phenanthrene-d10	17.693	188	593395	20.000	ng	0.00
76) Chrysene-d12	22.012	240	503937	20.000	ng	-0.01
86) Perylene-d12	25.567	264	579316	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.807	112	355964	63.664	ng	0.00
7) Phenol-d6	7.429	99	309385	38.145	ng	0.00
23) Nitrobenzene-d5	9.521	82	731619	93.477	ng	0.00
42) 2,4,6-Tribromophenol	16.430	330	479142	148.607	ng	0.00
45) 2-Fluorobiphenyl	13.575	172	1863523	90.553	ng	0.00
79) Terphenyl-d14	20.273	244	2574669	92.349	ng	0.00

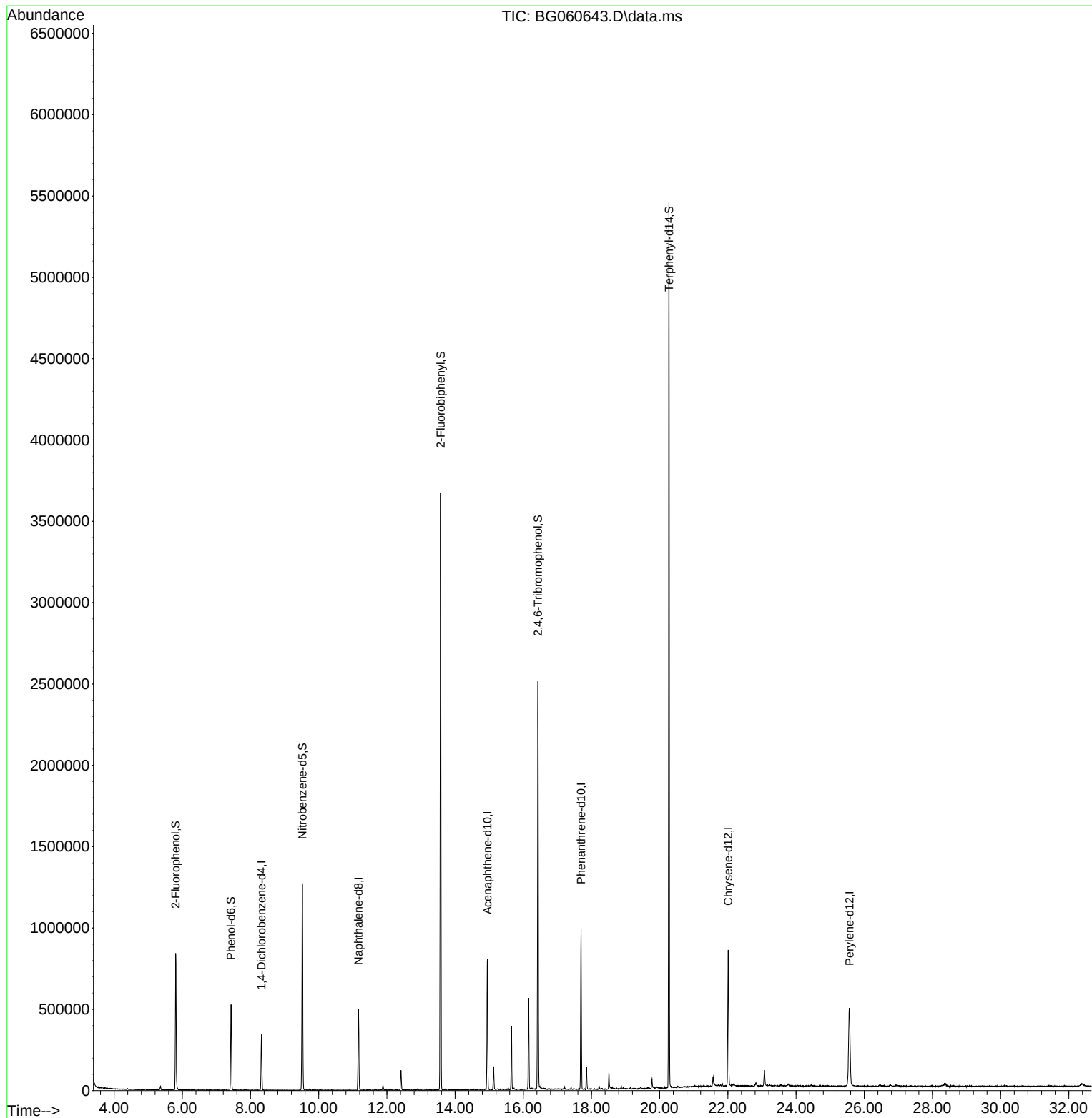
Target Compounds	Qvalue

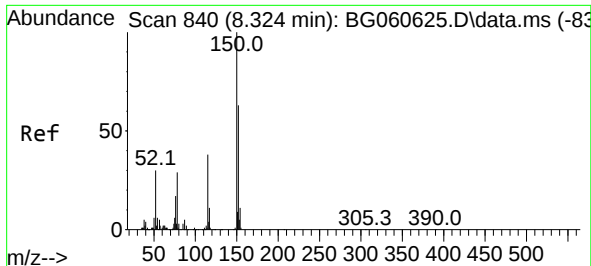
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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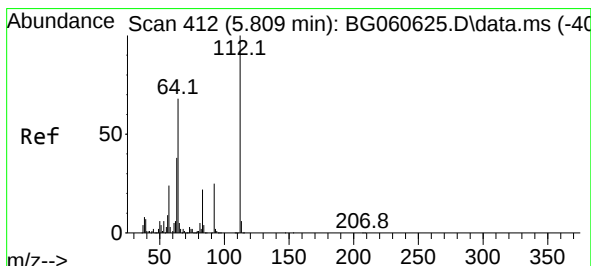
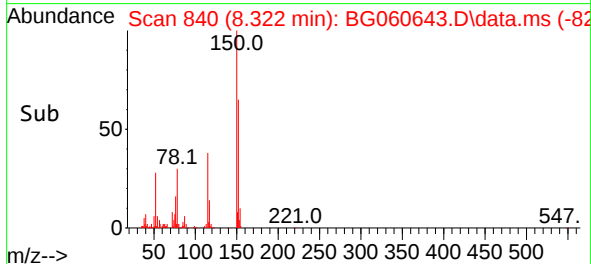
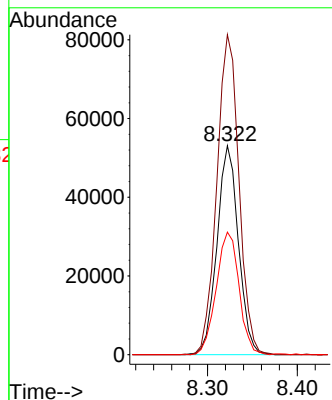
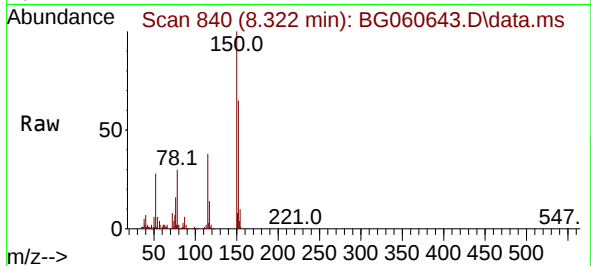




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.322 min Scan# 840
Delta R.T. -0.002 min
Lab File: BG060643.D
Acq: 14 Mar 2024 17:55

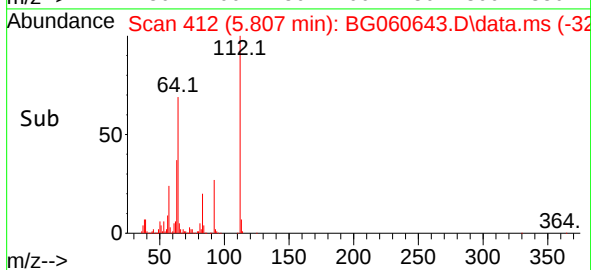
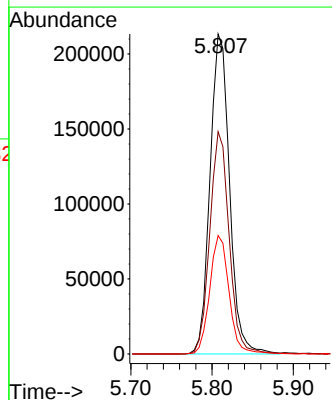
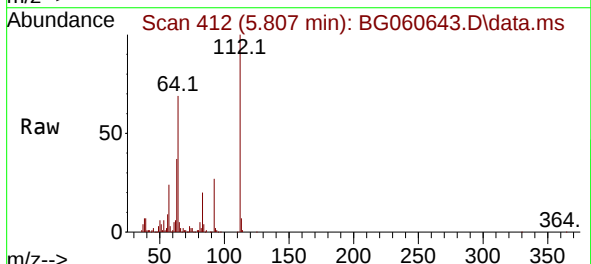
Instrument :
BNA_G
ClientSampleId :
MW-01

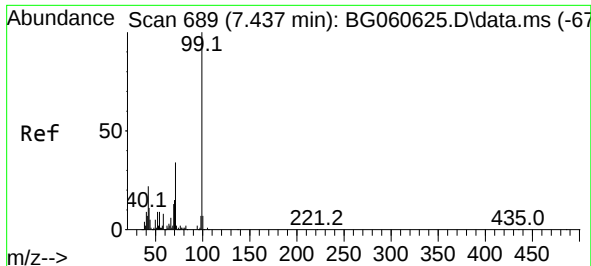
Tgt Ion:152 Resp: 87894
Ion Ratio Lower Upper
152 100
150 153.1 126.6 190.0
115 58.6 47.8 71.8



#5
2-Fluorophenol
Concen: 63.664 ng
RT: 5.807 min Scan# 412
Delta R.T. -0.002 min
Lab File: BG060643.D
Acq: 14 Mar 2024 17:55

Tgt Ion:112 Resp: 355964
Ion Ratio Lower Upper
112 100
64 69.5 54.1 81.1
63 37.0 30.3 45.5

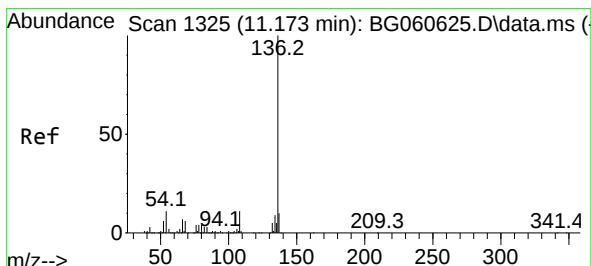
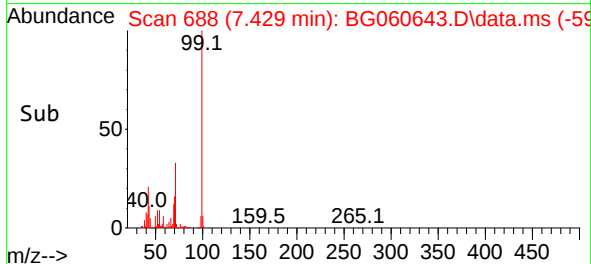
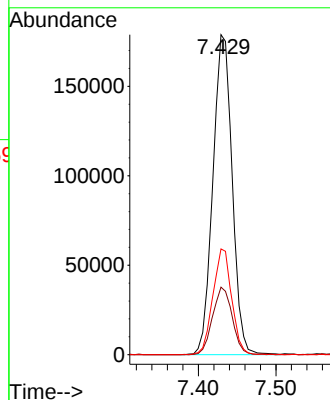
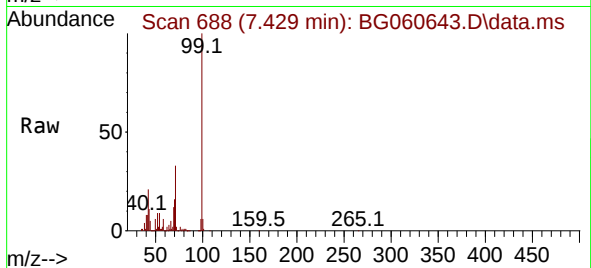




#7
Phenol-d6
Concen: 38.145 ng
RT: 7.429 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG060643.D
Acq: 14 Mar 2024 17:55

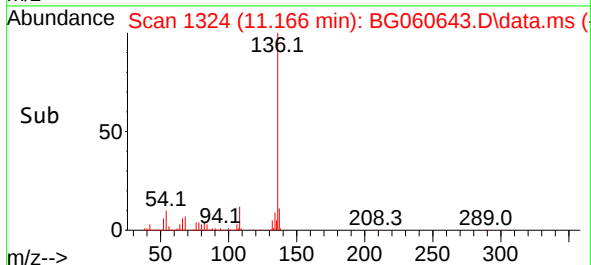
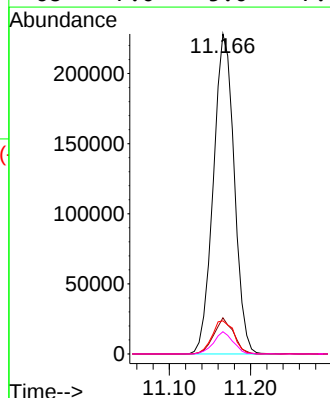
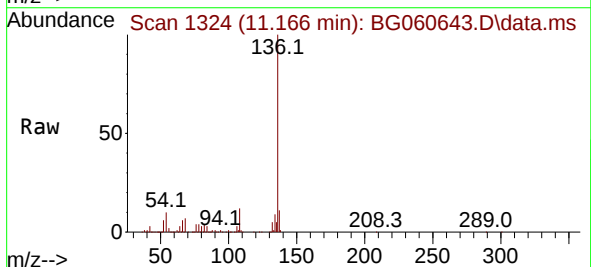
Instrument :
BNA_G
ClientSampleId :
MW-01

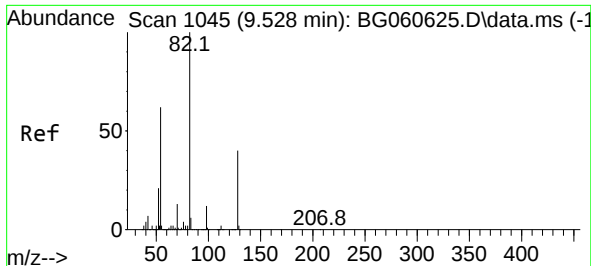
Tgt Ion: 99 Resp: 309385
Ion Ratio Lower Upper
99 100
42 21.1 17.5 26.3
71 33.0 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.166 min Scan# 1324
Delta R.T. -0.008 min
Lab File: BG060643.D
Acq: 14 Mar 2024 17:55

Tgt Ion: 136 Resp: 407330
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 10.4 8.5 12.7
68 7.0 5.0 7.6

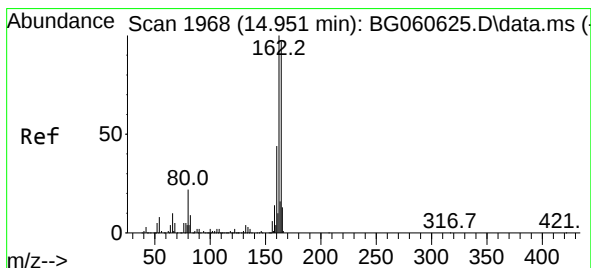
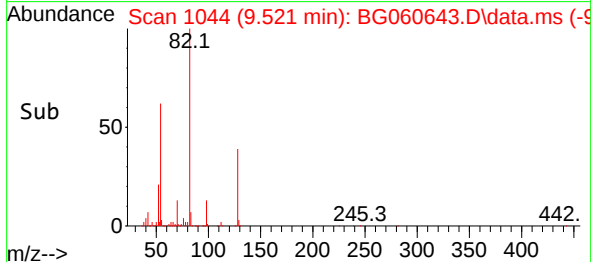
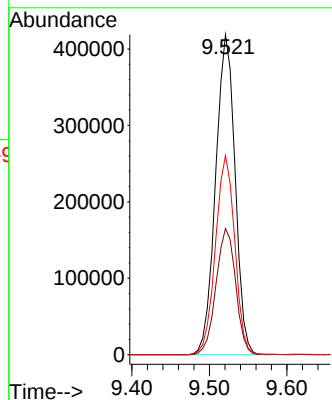
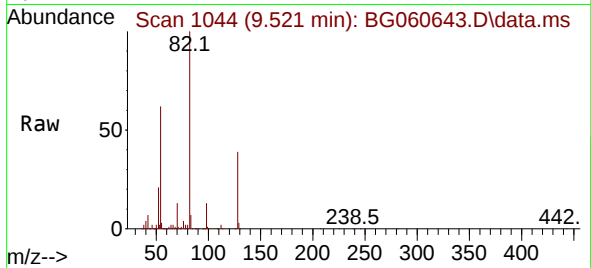




#23
Nitrobenzene-d5
Concen: 93.477 ng
RT: 9.521 min Scan# 1044
Delta R.T. -0.008 min
Lab File: BG060643.D
Acq: 14 Mar 2024 17:55

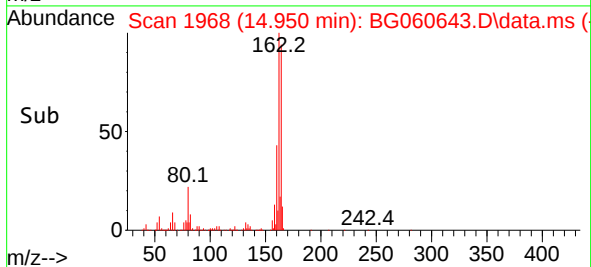
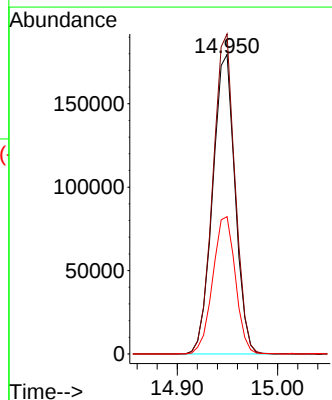
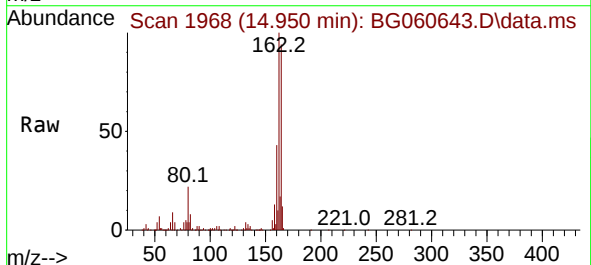
Instrument :
BNA_G
ClientSampleId :
MW-01

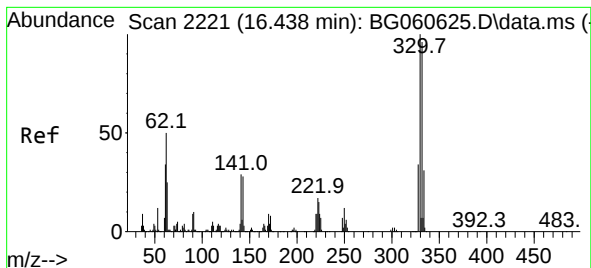
Tgt Ion: 82 Resp: 731619
Ion Ratio Lower Upper
82 100
128 39.5 31.6 47.4
54 62.3 49.3 73.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.950 min Scan# 1968
Delta R.T. -0.002 min
Lab File: BG060643.D
Acq: 14 Mar 2024 17:55

Tgt Ion:164 Resp: 278240
Ion Ratio Lower Upper
164 100
162 106.8 82.5 123.7
160 45.8 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 148.607 ng

RT: 16.430 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG060643.D

Acq: 14 Mar 2024 17:55

Instrument :

BNA_G

ClientSampleId :

MW-01

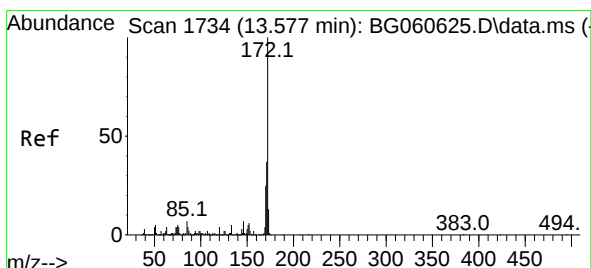
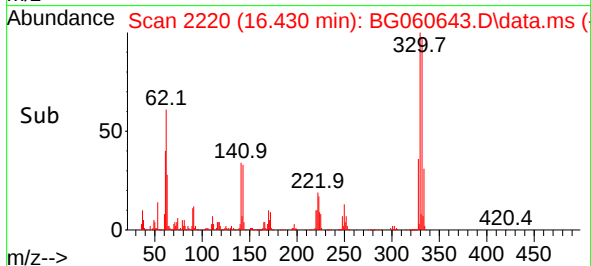
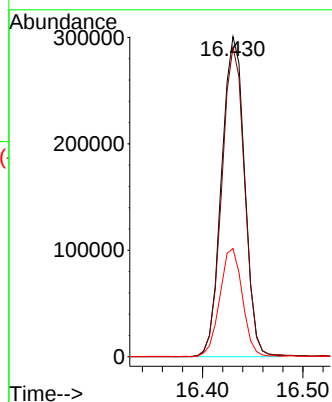
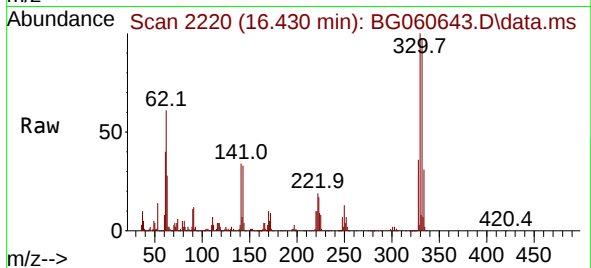
Tgt Ion:330 Resp: 479142

Ion Ratio Lower Upper

330 100

332 96.2 77.8 116.8

141 33.3 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 90.553 ng

RT: 13.575 min Scan# 1734

Delta R.T. -0.002 min

Lab File: BG060643.D

Acq: 14 Mar 2024 17:55

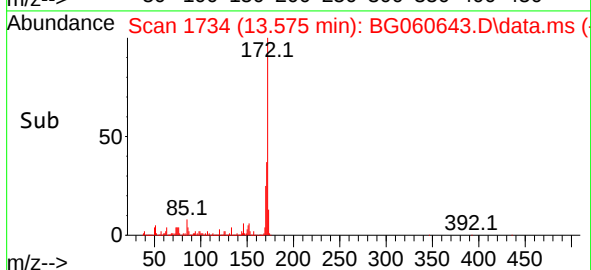
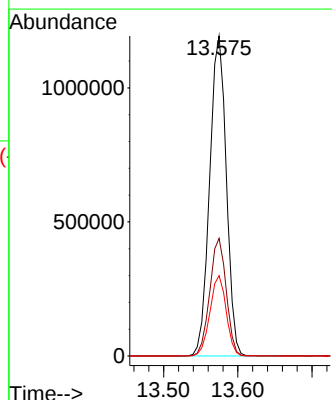
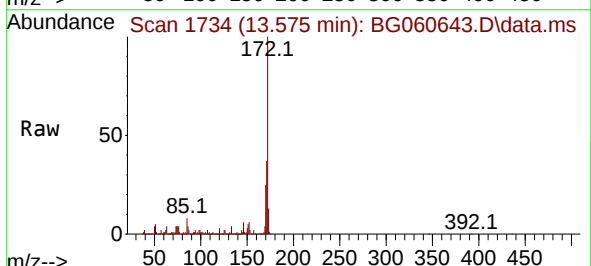
Tgt Ion:172 Resp: 1863523

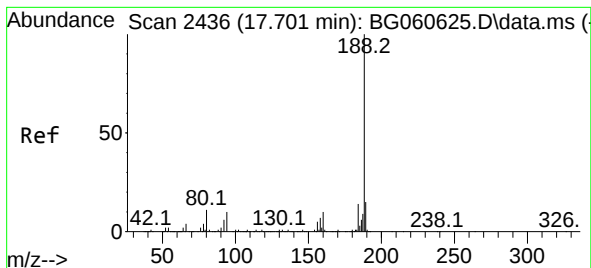
Ion Ratio Lower Upper

172 100

171 36.8 29.9 44.9

170 25.1 19.8 29.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.693 min Scan# 2435

Delta R.T. -0.008 min

Lab File: BG060643.D

Acq: 14 Mar 2024 17:55

Instrument :

BNA_G

ClientSampleId :

MW-01

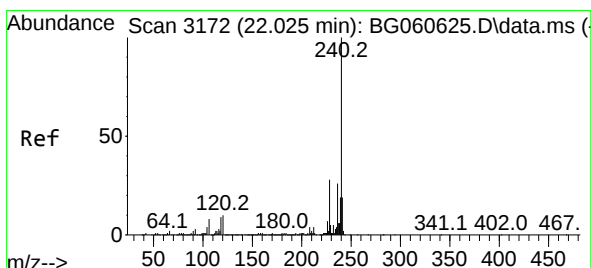
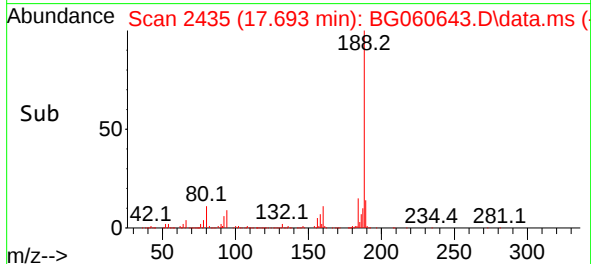
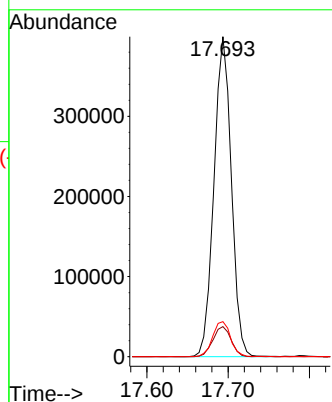
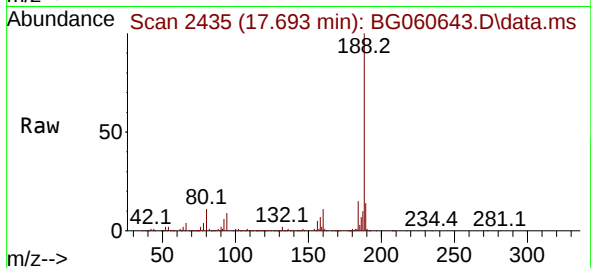
Tgt Ion:188 Resp: 593395

Ion Ratio Lower Upper

188 100

94 9.4 7.9 11.9

80 10.9 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.012 min Scan# 3170

Delta R.T. -0.014 min

Lab File: BG060643.D

Acq: 14 Mar 2024 17:55

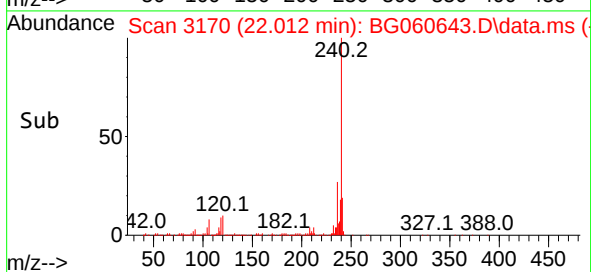
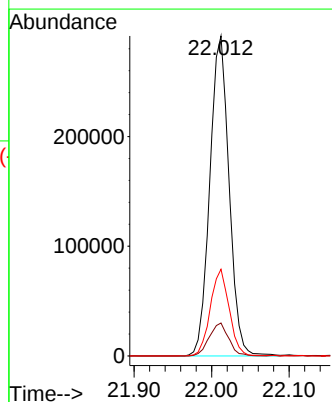
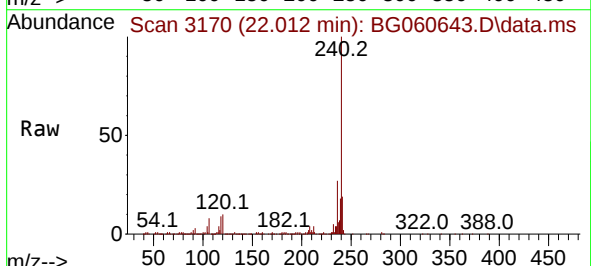
Tgt Ion:240 Resp: 503937

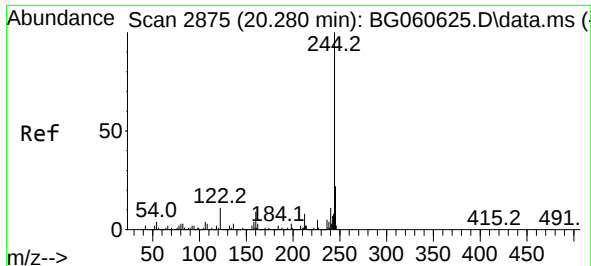
Ion Ratio Lower Upper

240 100

120 10.3 7.8 11.8

236 27.1 20.6 31.0

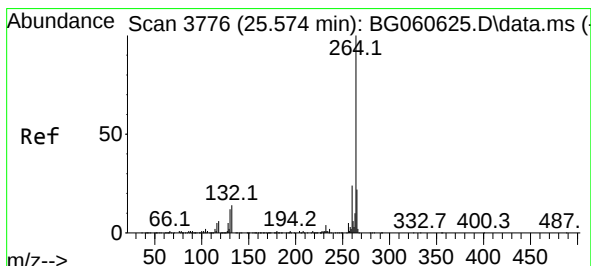
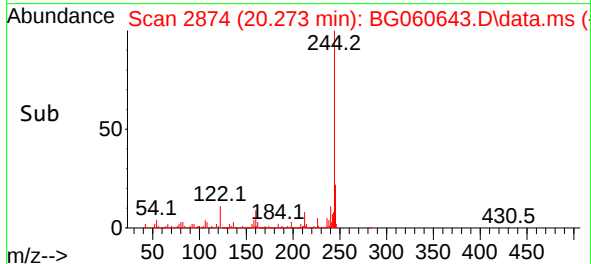
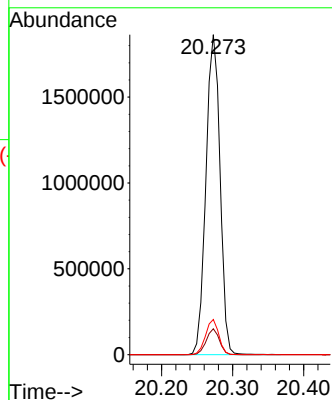
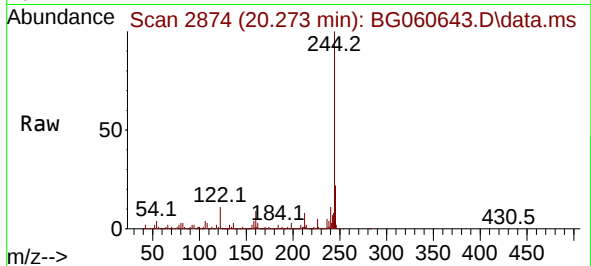




#79
 Terphenyl-d14
 Concen: 92.349 ng
 RT: 20.273 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG060643.D
 Acq: 14 Mar 2024 17:55

Instrument :
 BNA_G
 ClientSampleId :
 MW-01

Tgt Ion:244 Resp: 2574669
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.6 9.8
 122 11.0 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.567 min Scan# 3775
 Delta R.T. -0.008 min
 Lab File: BG060643.D
 Acq: 14 Mar 2024 17:55

Tgt Ion:264 Resp: 579316
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.4 29.2
 265 20.3 18.1 27.1

