

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031424\
Data File : BG060653.D
Acq On : 15 Mar 2024 1:21
Operator : MA/JU
Sample : P1749-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-2A

Quant Time: Mar 15 02:59:06 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	94462	20.000	ng	0.00
21) Naphthalene-d8	11.167	136	449446	20.000	ng	0.00
39) Acenaphthene-d10	14.945	164	295821	20.000	ng	0.00
64) Phenanthrene-d10	17.694	188	620389	20.000	ng	0.00
76) Chrysene-d12	22.013	240	550440	20.000	ng	-0.01
86) Perylene-d12	25.568	264	630405	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.808	112	384502	63.987	ng	0.00
7) Phenol-d6	7.430	99	336877	38.647	ng	0.00
23) Nitrobenzene-d5	9.522	82	808045	93.568	ng	0.00
42) 2,4,6-Tribromophenol	16.431	330	514867	150.197	ng	0.00
45) 2-Fluorobiphenyl	13.576	172	2000622	91.438	ng	0.00
79) Terphenyl-d14	20.274	244	2694206	88.473	ng	0.00

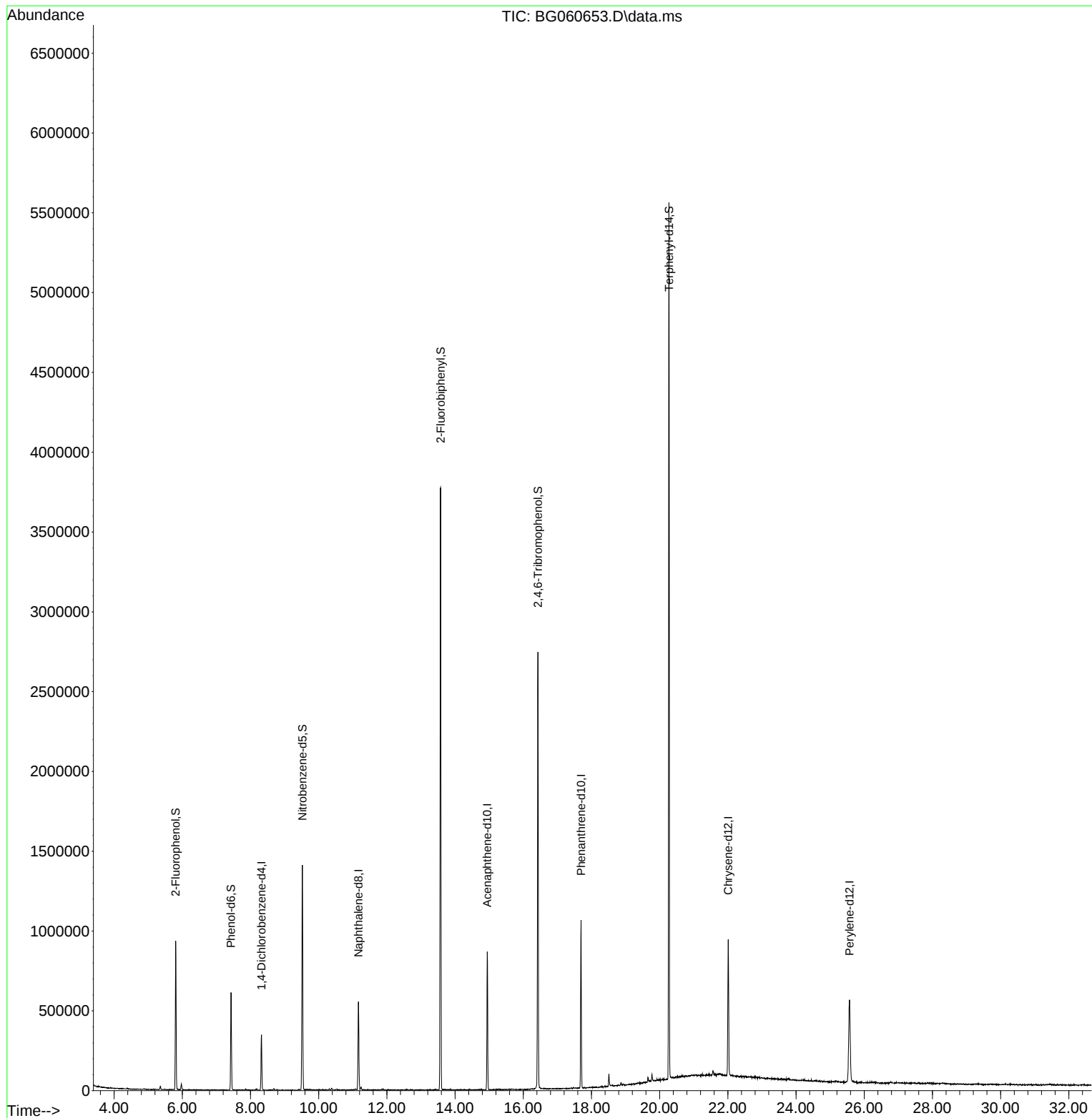
Target Compounds	Qvalue
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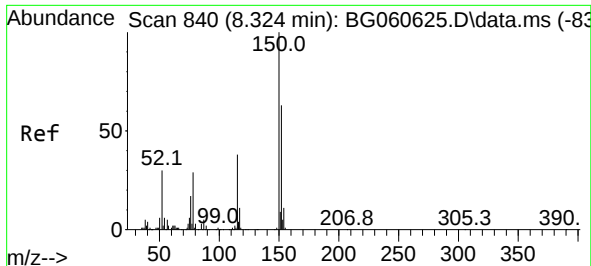
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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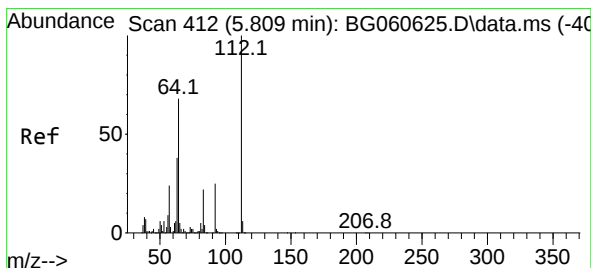
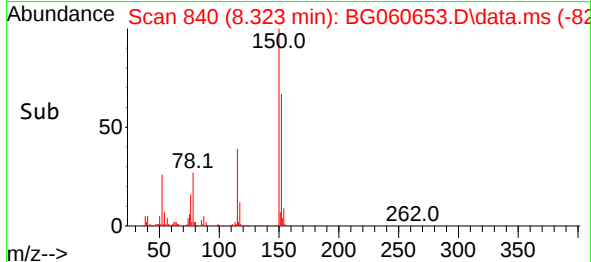
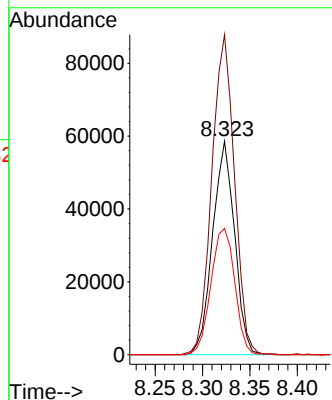
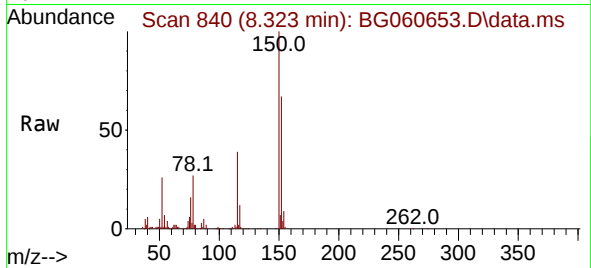




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.323 min Scan# 84
 Delta R.T. -0.001 min
 Lab File: BG060653.D
 Acq: 15 Mar 2024 1:21

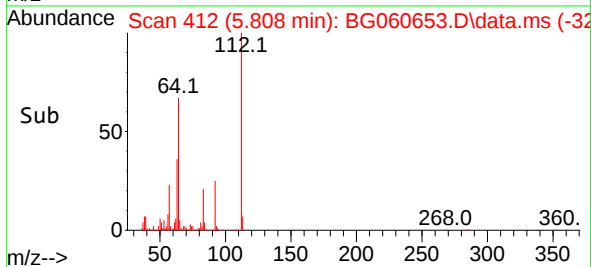
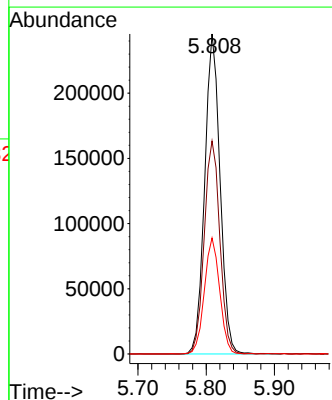
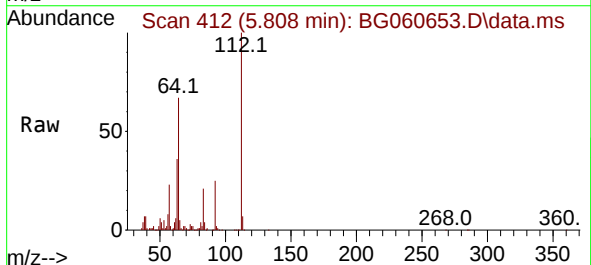
Instrument :
 BNA_G
 ClientSampleId :
 MW-2A

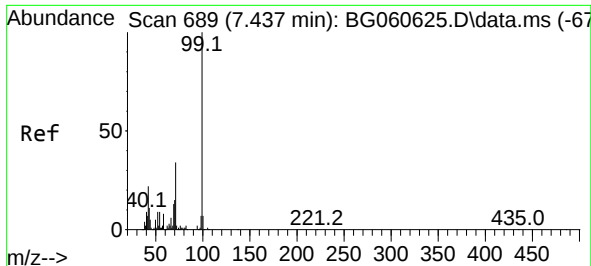
Tgt Ion:152 Resp: 94462
 Ion Ratio Lower Upper
 152 100
 150 149.9 126.6 190.0
 115 59.1 47.8 71.8



#5
 2-Fluorophenol
 Concen: 63.987 ng
 RT: 5.808 min Scan# 412
 Delta R.T. -0.001 min
 Lab File: BG060653.D
 Acq: 15 Mar 2024 1:21

Tgt Ion:112 Resp: 384502
 Ion Ratio Lower Upper
 112 100
 64 66.6 54.1 81.1
 63 36.3 30.3 45.5

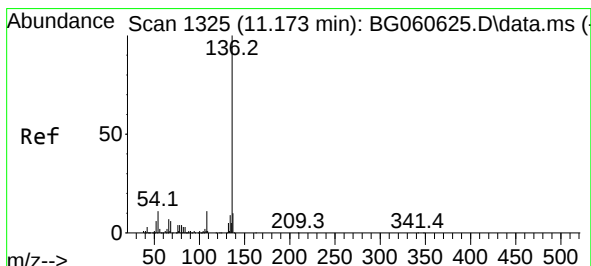
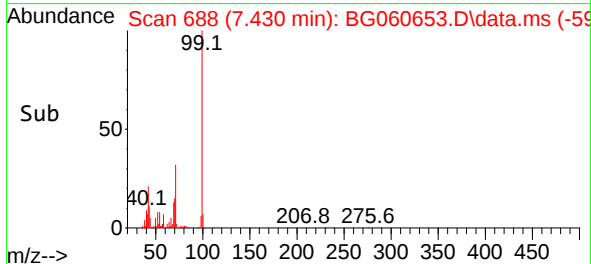
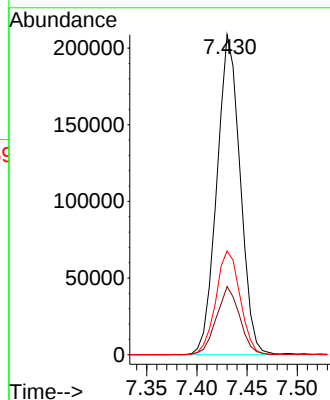
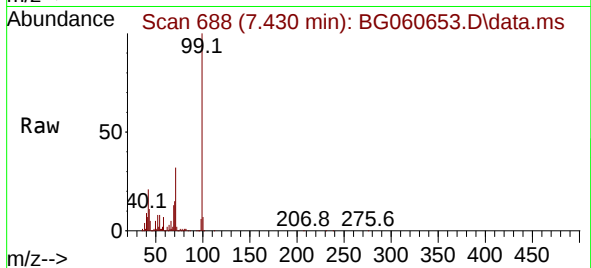




#7
Phenol-d6
Concen: 38.647 ng
RT: 7.430 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG060653.D
Acq: 15 Mar 2024 1:21

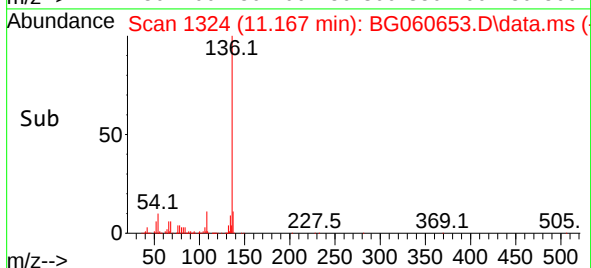
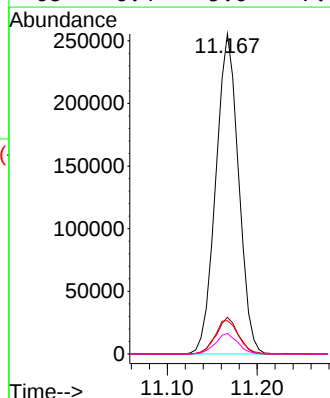
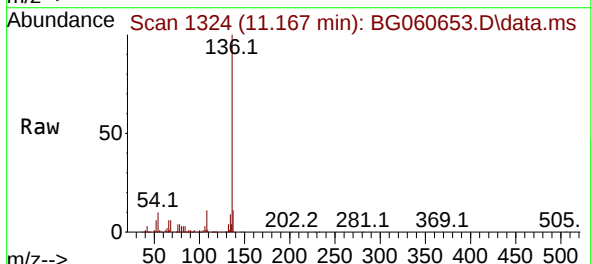
Instrument :
BNA_G
ClientSampleId :
MW-2A

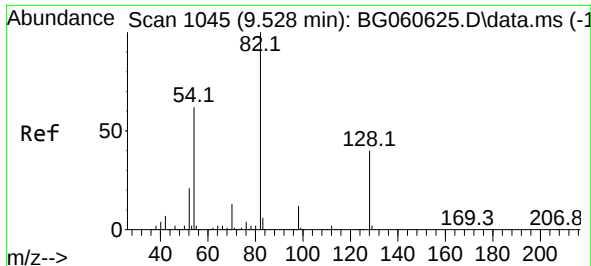
Tgt Ion: 99 Resp: 336877
Ion Ratio Lower Upper
99 100
42 21.3 17.5 26.3
71 32.4 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.167 min Scan# 1324
Delta R.T. -0.007 min
Lab File: BG060653.D
Acq: 15 Mar 2024 1:21

Tgt Ion: 136 Resp: 449446
Ion Ratio Lower Upper
136 100
137 11.5 8.4 12.6
54 10.4 8.5 12.7
68 6.4 5.0 7.6





#23

Nitrobenzene-d5

Concen: 93.568 ng

RT: 9.522 min Scan# 1044

Delta R.T. -0.007 min

Lab File: BG060653.D

Acq: 15 Mar 2024 1:21

Instrument :

BNA_G

ClientSampleId :

MW-2A

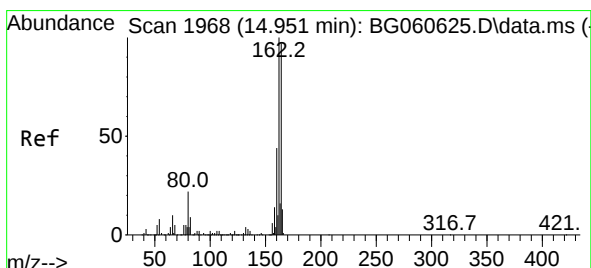
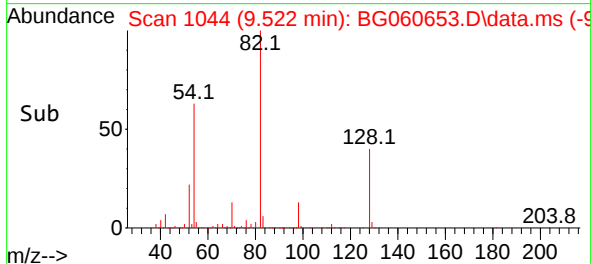
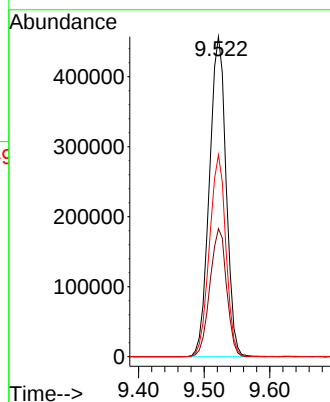
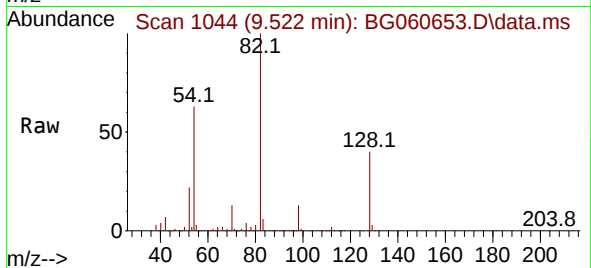
Tgt Ion: 82 Resp: 808045

Ion Ratio Lower Upper

82 100

128 40.0 31.6 47.4

54 63.1 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: BG060653.D

Acq: 15 Mar 2024 1:21

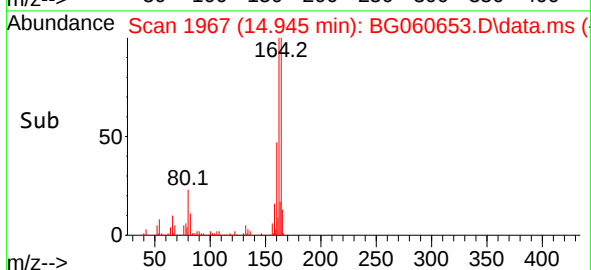
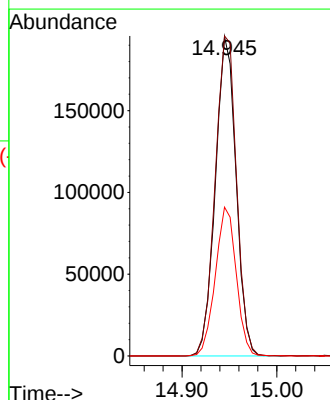
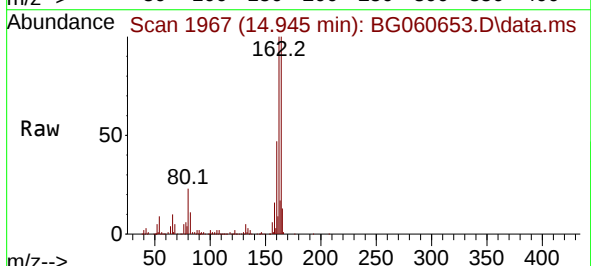
Tgt Ion:164 Resp: 295821

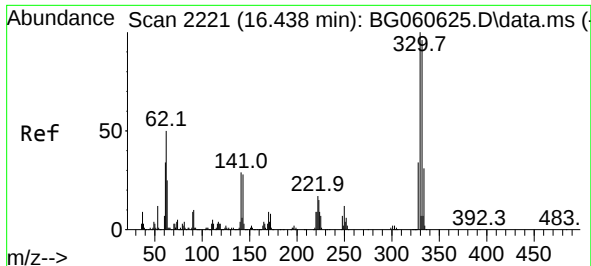
Ion Ratio Lower Upper

164 100

162 100.1 82.5 123.7

160 46.6 36.4 54.6

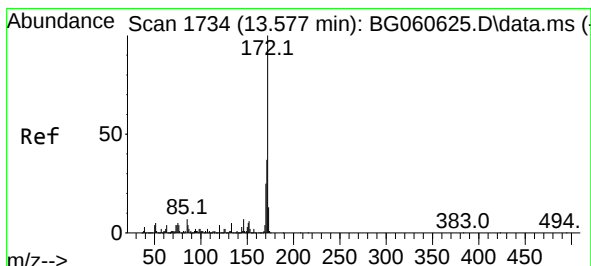
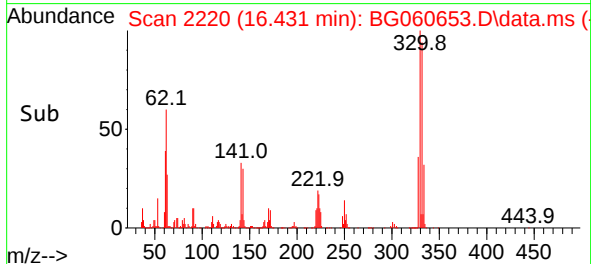
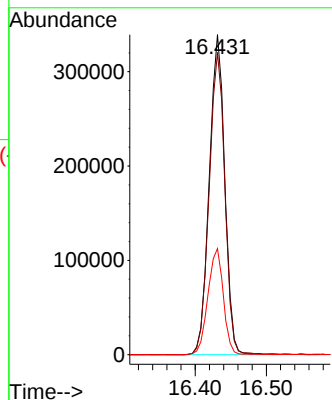
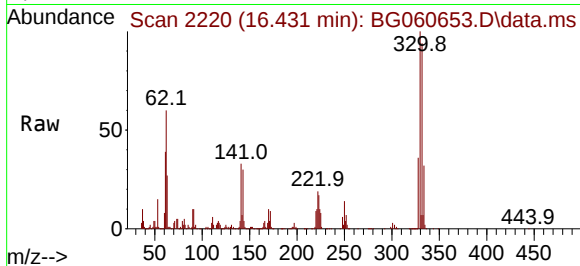




#42
2,4,6-Tribromophenol
Concen: 150.197 ng
RT: 16.431 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG060653.D
Acq: 15 Mar 2024 1:21

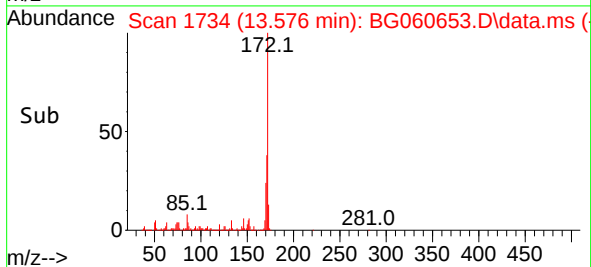
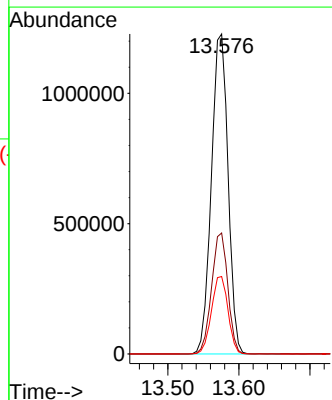
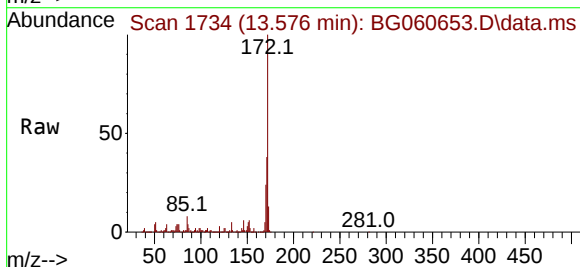
Instrument :
BNA_G
ClientSampleId :
MW-2A

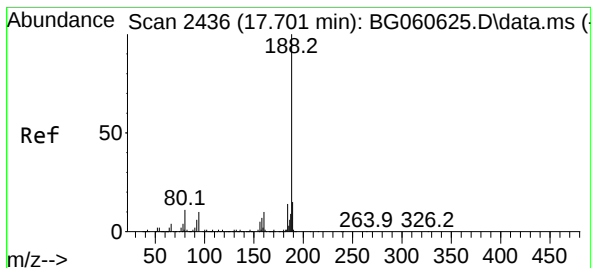
Tgt Ion:330 Resp: 514867
Ion Ratio Lower Upper
330 100
332 95.2 77.8 116.8
141 33.1 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 91.438 ng
RT: 13.576 min Scan# 1734
Delta R.T. -0.001 min
Lab File: BG060653.D
Acq: 15 Mar 2024 1:21

Tgt Ion:172 Resp: 2000622
Ion Ratio Lower Upper
172 100
171 37.8 29.9 44.9
170 24.2 19.8 29.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.694 min Scan# 2435

Delta R.T. -0.007 min

Lab File: BG060653.D

Acq: 15 Mar 2024 1:21

Instrument :

BNA_G

ClientSampleId :

MW-2A

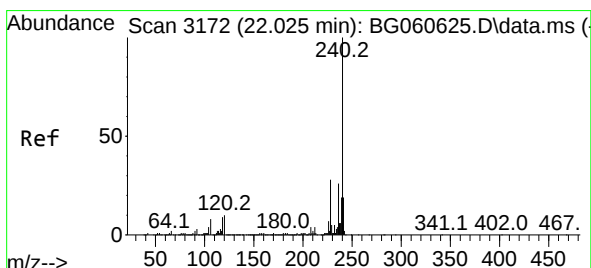
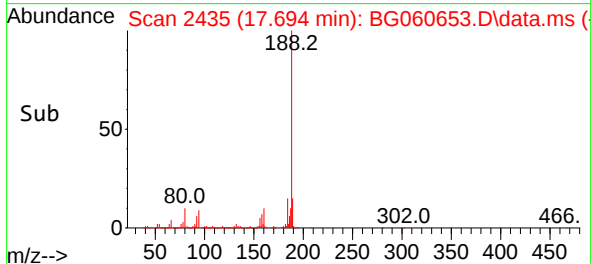
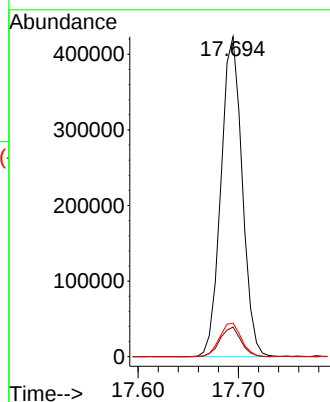
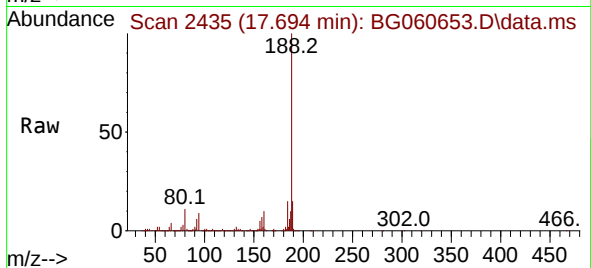
Tgt Ion:188 Resp: 620389

Ion Ratio Lower Upper

188 100

94 9.2 7.9 11.9

80 10.5 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.013 min Scan# 3170

Delta R.T. -0.012 min

Lab File: BG060653.D

Acq: 15 Mar 2024 1:21

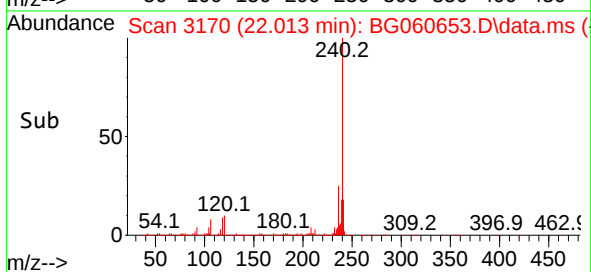
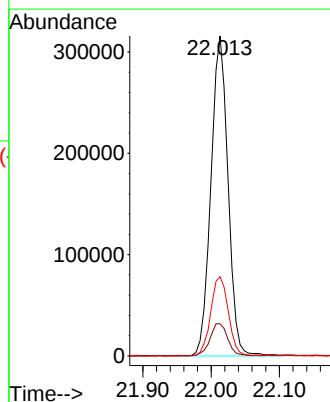
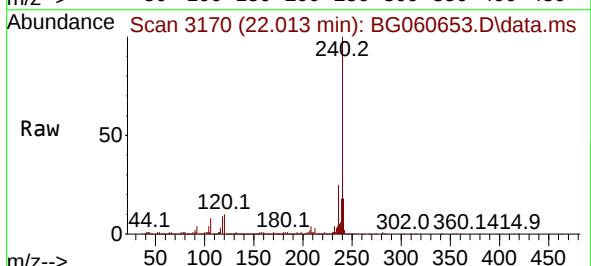
Tgt Ion:240 Resp: 550440

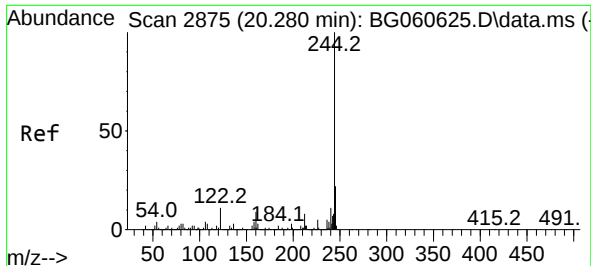
Ion Ratio Lower Upper

240 100

120 10.0 7.8 11.8

236 24.8 20.6 31.0

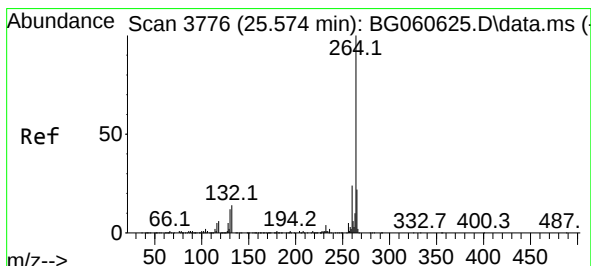
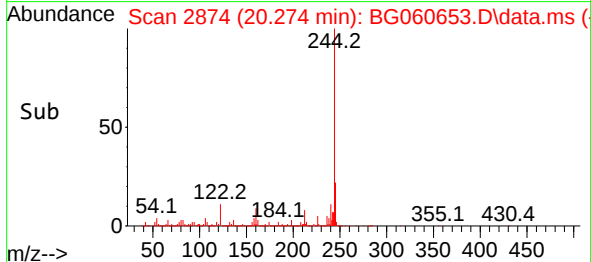
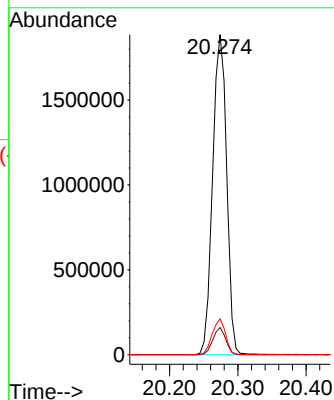
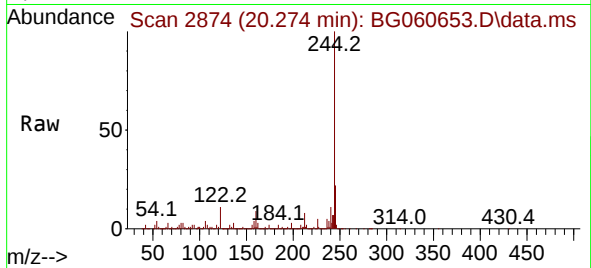




#79
 Terphenyl-d14
 Concen: 88.473 ng
 RT: 20.274 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG060653.D
 Acq: 15 Mar 2024 1:21

Instrument :
 BNA_G
 ClientSampleId :
 MW-2A

Tgt Ion:244 Resp: 2694206
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.6 9.8
 122 11.2 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.568 min Scan# 3775
 Delta R.T. -0.007 min
 Lab File: BG060653.D
 Acq: 15 Mar 2024 1:21

Tgt Ion:264 Resp: 630405
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 20.4 18.1 27.1

