

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031424\
 Data File : BG060646.D
 Acq On : 14 Mar 2024 19:57
 Operator : MA/JU
 Sample : P1747-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-04

Quant Time: Mar 15 01:37:31 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	8.325	152	92415	20.000	ng	0.00
21) Naphthalene-d8	11.169	136	426428	20.000	ng	0.00
39) Acenaphthene-d10	14.947	164	303077	20.000	ng	0.00
64) Phenanthrene-d10	17.690	188	645630	20.000	ng	-0.01
76) Chrysene-d12	22.009	240	577543	20.000	ng	-0.02
86) Perylene-d12	25.564	264	656048	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.810	112	357002	60.726	ng	0.00
7) Phenol-d6	7.432	99	302033	35.417	ng	0.00
23) Nitrobenzene-d5	9.524	82	774174	94.485	ng	0.00
42) 2,4,6-Tribromophenol	16.433	330	441891	125.822	ng	0.00
45) 2-Fluorobiphenyl	13.572	172	2010784	89.702	ng	0.00
79) Terphenyl-d14	20.276	244	2822344	88.331	ng	0.00

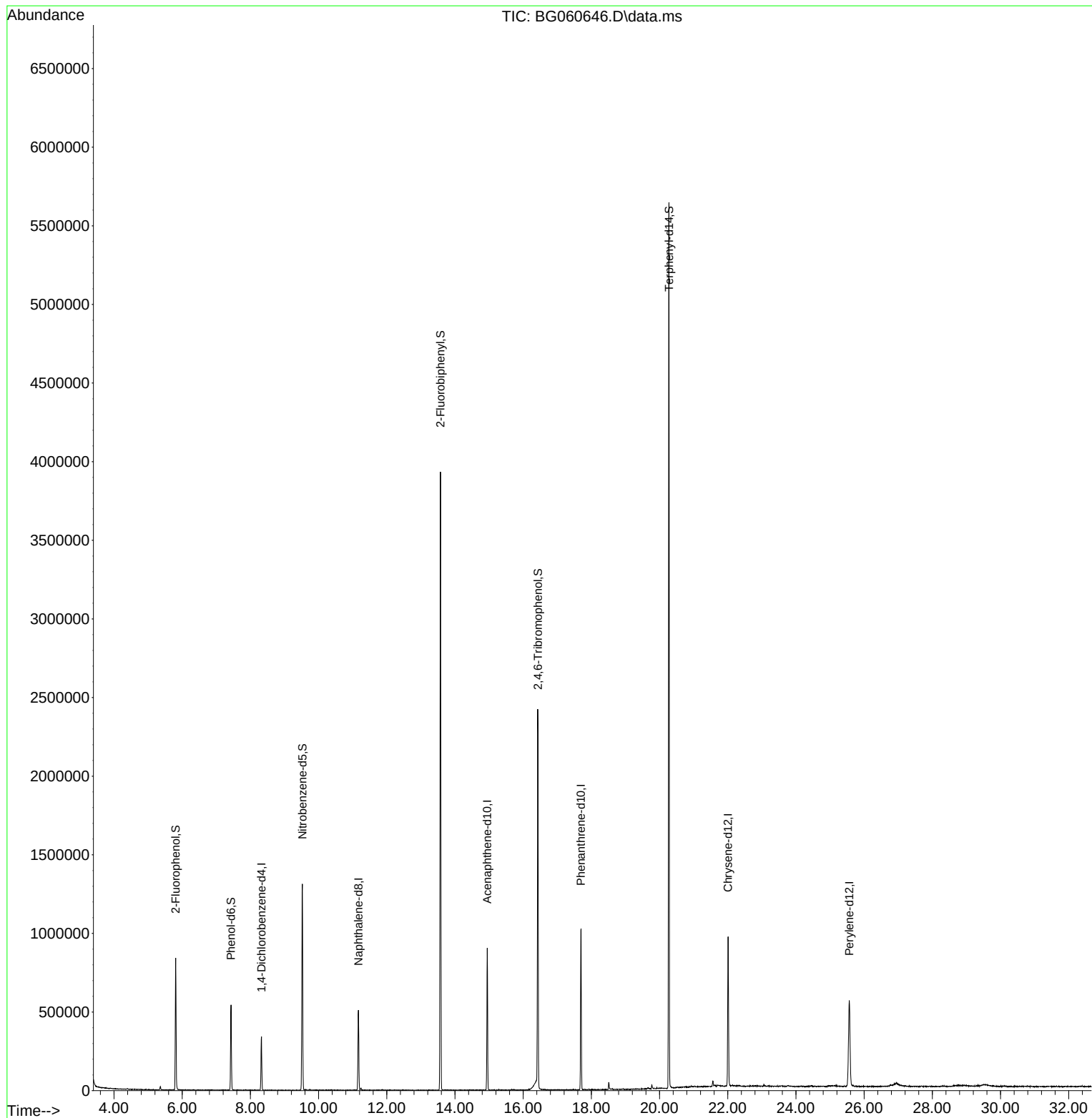
Target Compounds	Qvalue

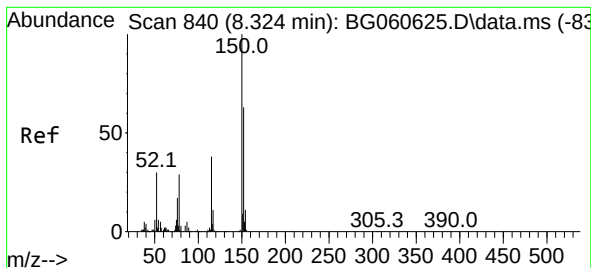
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.325 min Scan# 840

Delta R.T. 0.001 min

Lab File: BG060646.D

Acq: 14 Mar 2024 19:57

Instrument :

BNA_G

ClientSampleId :

MW-04

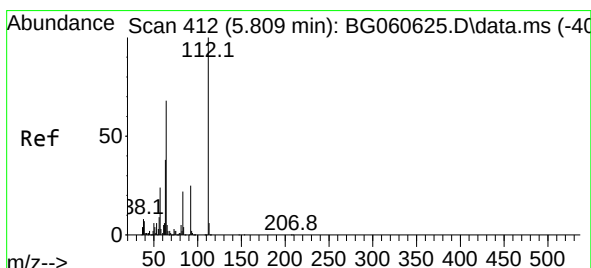
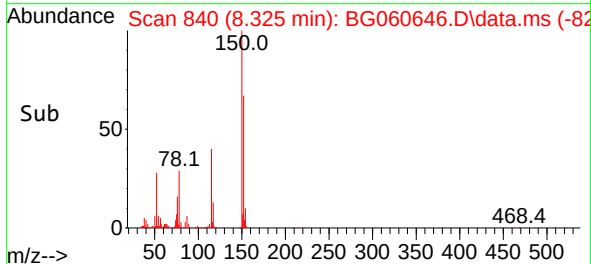
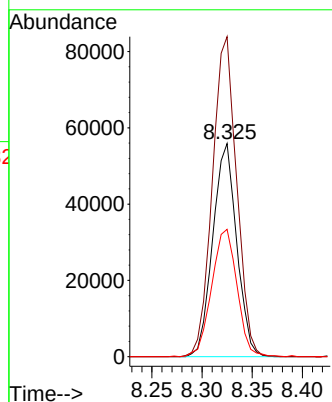
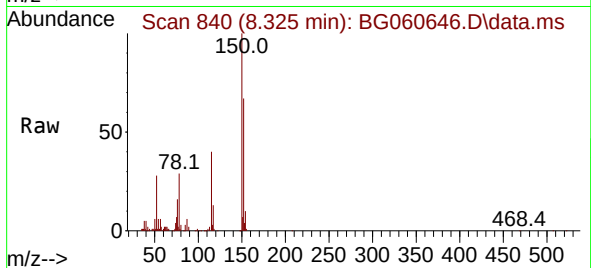
Tgt Ion:152 Resp: 92415

Ion Ratio Lower Upper

152 100

150 150.1 126.6 190.0

115 59.8 47.8 71.8



#5

2-Fluorophenol

Concen: 60.726 ng

RT: 5.810 min Scan# 412

Delta R.T. 0.001 min

Lab File: BG060646.D

Acq: 14 Mar 2024 19:57

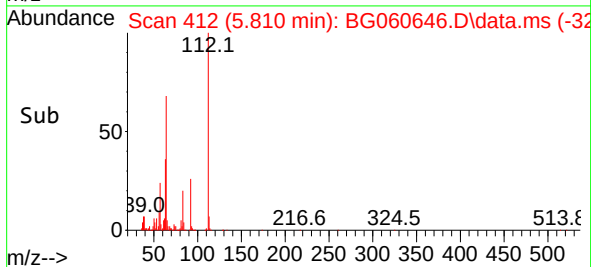
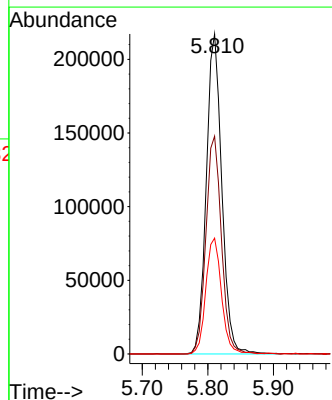
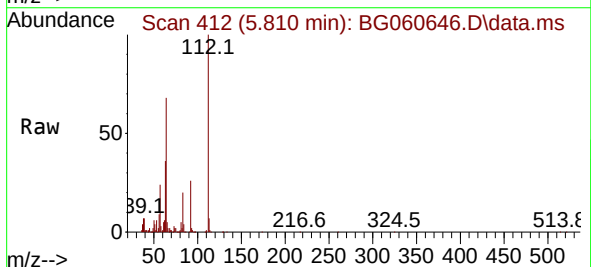
Tgt Ion:112 Resp: 357002

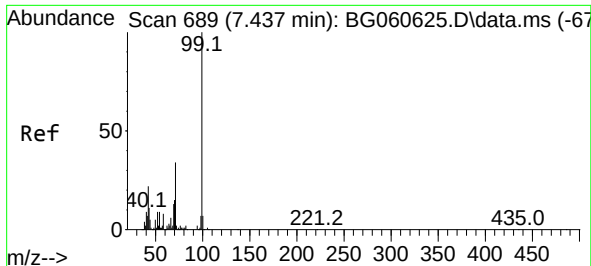
Ion Ratio Lower Upper

112 100

64 68.0 54.1 81.1

63 36.2 30.3 45.5

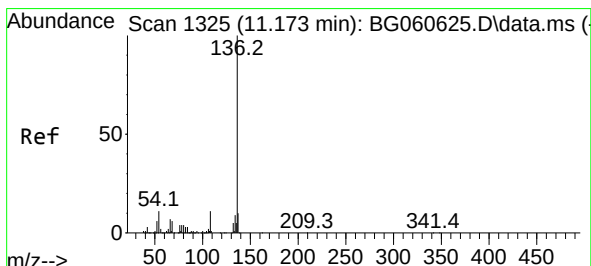
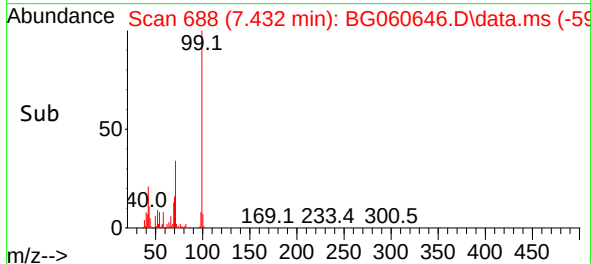
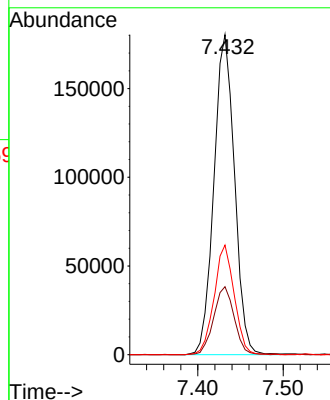
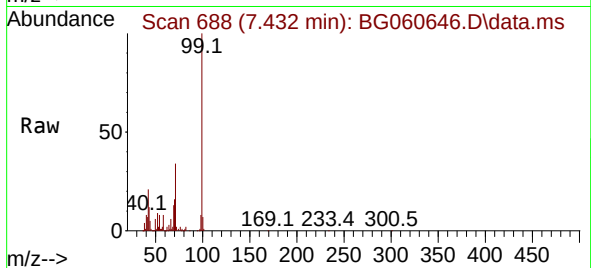




#7
Phenol-d6
Concen: 35.417 ng
RT: 7.432 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG060646.D
Acq: 14 Mar 2024 19:57

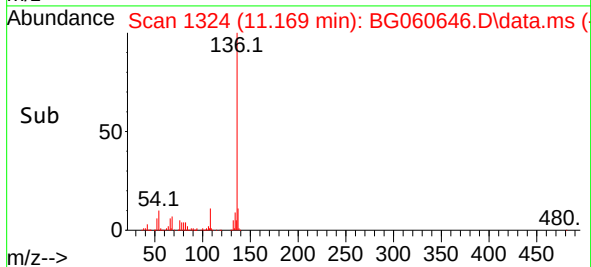
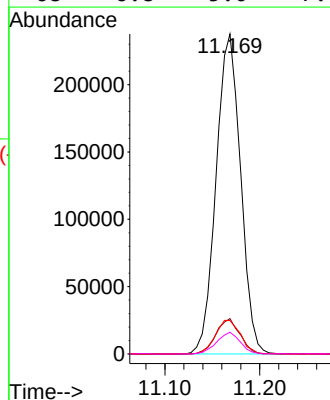
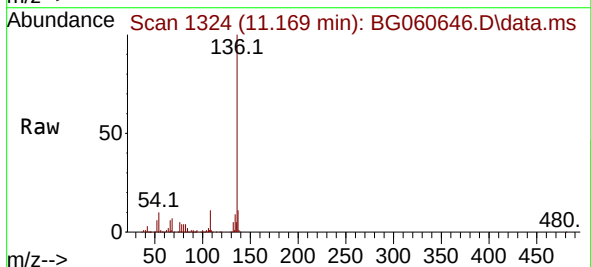
Instrument :
BNA_G
ClientSampleId :
MW-04

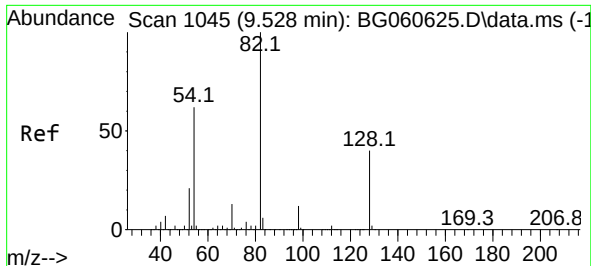
Tgt Ion: 99 Resp: 302033
Ion Ratio Lower Upper
99 100
42 21.3 17.5 26.3
71 34.3 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.169 min Scan# 1324
Delta R.T. -0.005 min
Lab File: BG060646.D
Acq: 14 Mar 2024 19:57

Tgt Ion:136 Resp: 426428
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 10.5 8.5 12.7
68 6.8 5.0 7.6

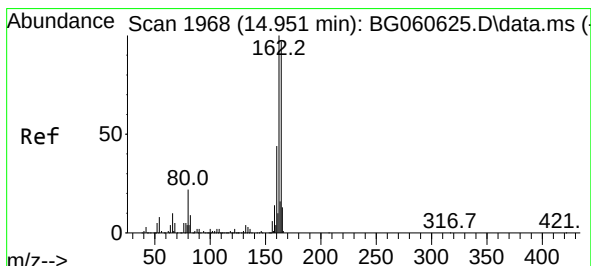
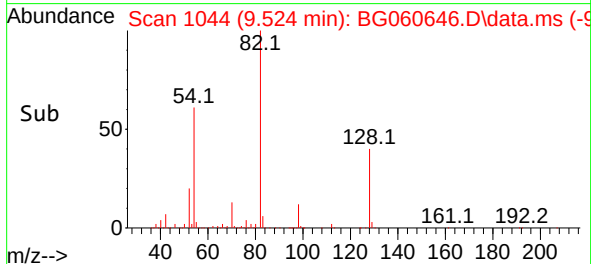
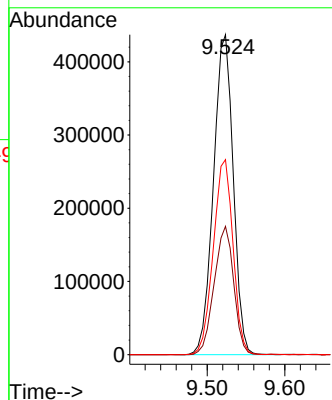
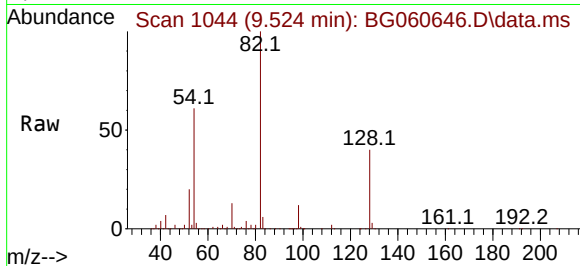




#23
Nitrobenzene-d5
Concen: 94.485 ng
RT: 9.524 min Scan# 1044
Delta R.T. -0.005 min
Lab File: BG060646.D
Acq: 14 Mar 2024 19:57

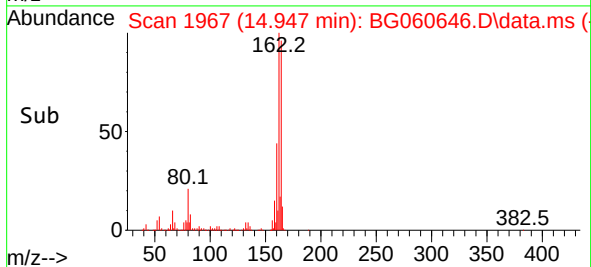
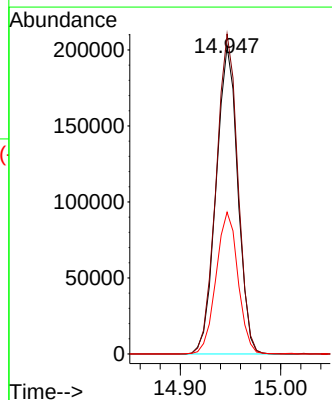
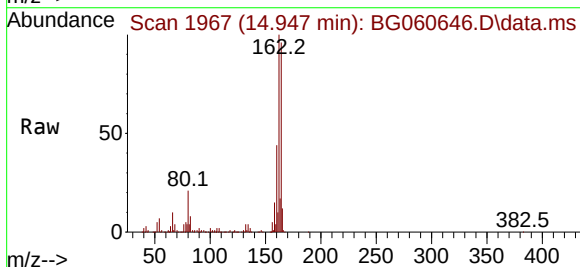
Instrument :
BNA_G
ClientSampleId :
MW-04

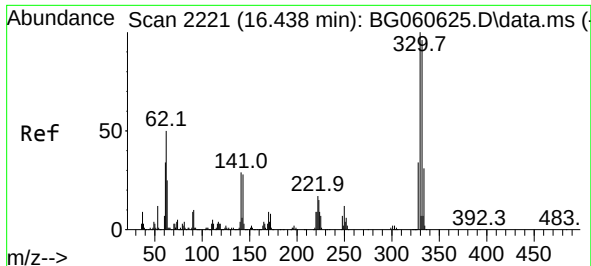
Tgt Ion: 82 Resp: 774174
Ion Ratio Lower Upper
82 100
128 40.1 31.6 47.4
54 60.9 49.3 73.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.947 min Scan# 1967
Delta R.T. -0.005 min
Lab File: BG060646.D
Acq: 14 Mar 2024 19:57

Tgt Ion: 164 Resp: 303077
Ion Ratio Lower Upper
164 100
162 104.0 82.5 123.7
160 46.1 36.4 54.6

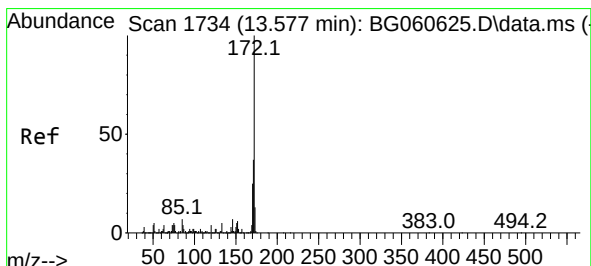
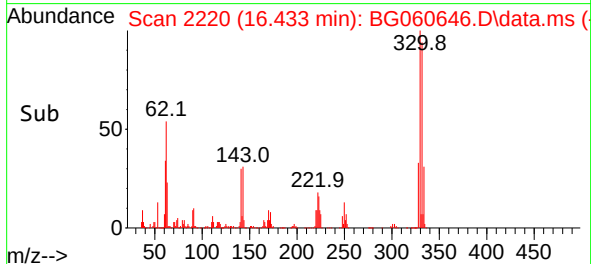
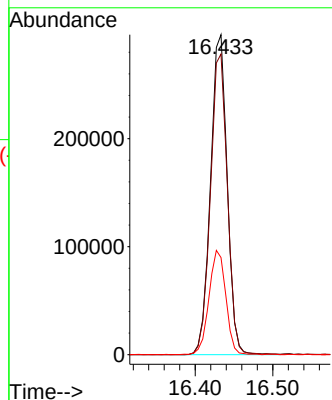
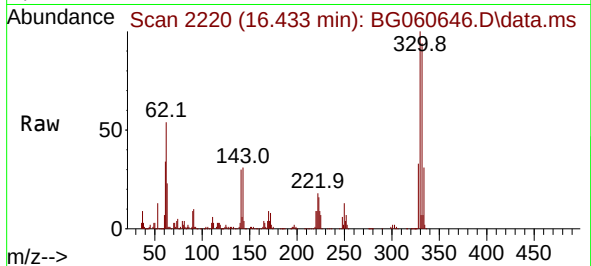




#42
2,4,6-Tribromophenol
Concen: 125.822 ng
RT: 16.433 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG060646.D
Acq: 14 Mar 2024 19:57

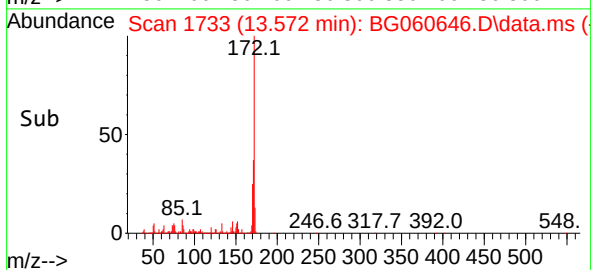
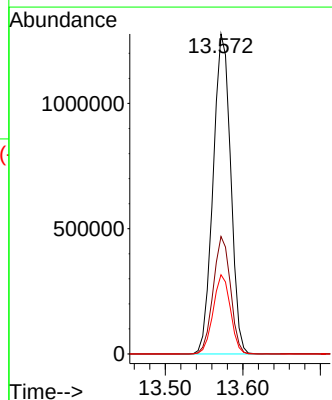
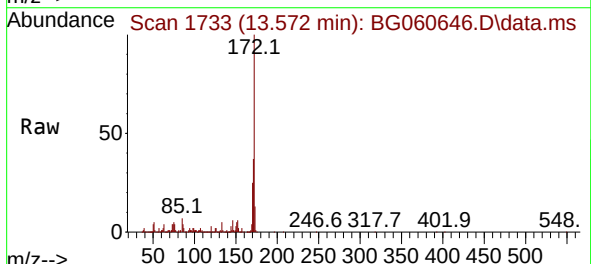
Instrument :
BNA_G
ClientSampleId :
MW-04

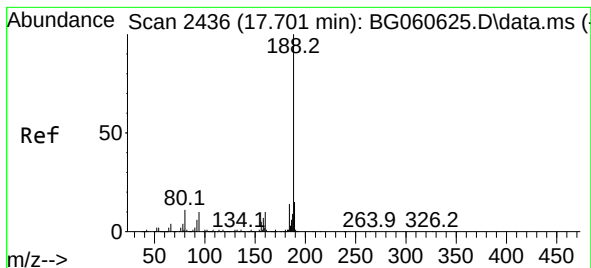
Tgt Ion:330 Resp: 441891
Ion Ratio Lower Upper
330 100
332 95.5 77.8 116.8
141 33.0 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 89.702 ng
RT: 13.572 min Scan# 1733
Delta R.T. -0.005 min
Lab File: BG060646.D
Acq: 14 Mar 2024 19:57

Tgt Ion:172 Resp: 2010784
Ion Ratio Lower Upper
172 100
171 36.7 29.9 44.9
170 24.7 19.8 29.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.690 min Scan# 2434

Delta R.T. -0.011 min

Lab File: BG060646.D

Acq: 14 Mar 2024 19:57

Instrument :

BNA_G

ClientSampleId :

MW-04

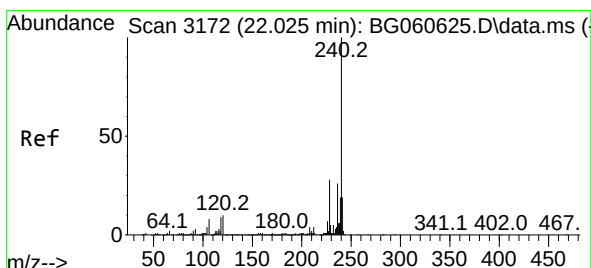
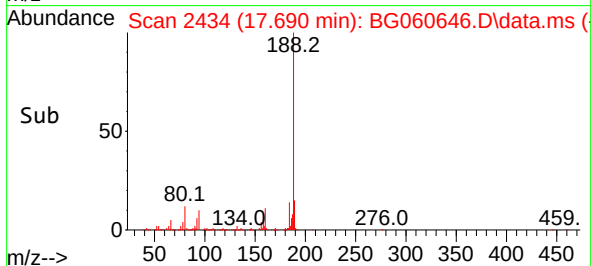
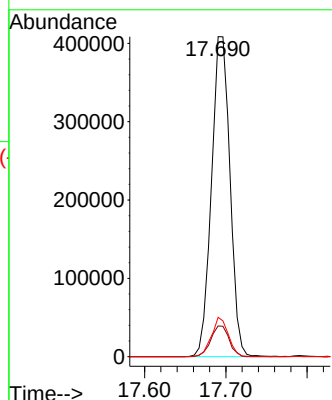
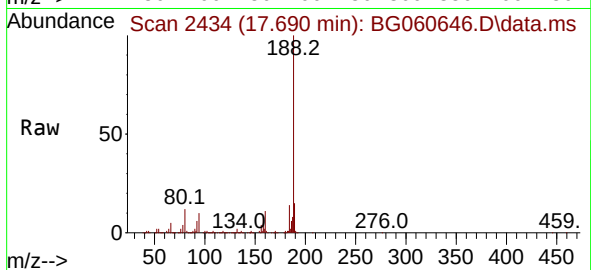
Tgt Ion:188 Resp: 645630

Ion Ratio Lower Upper

188 100

94 9.6 7.9 11.9

80 12.3 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.009 min Scan# 3169

Delta R.T. -0.017 min

Lab File: BG060646.D

Acq: 14 Mar 2024 19:57

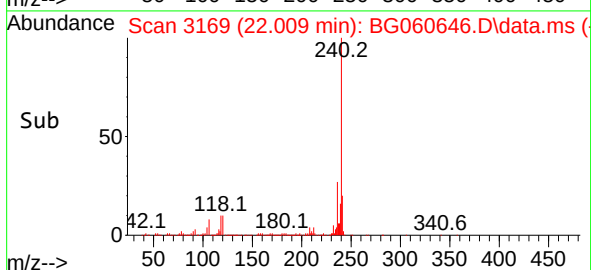
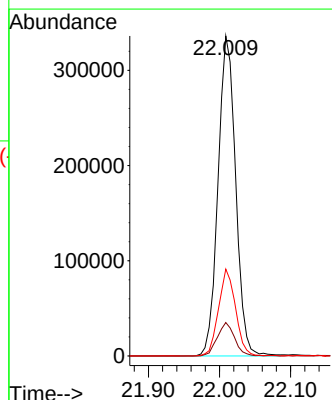
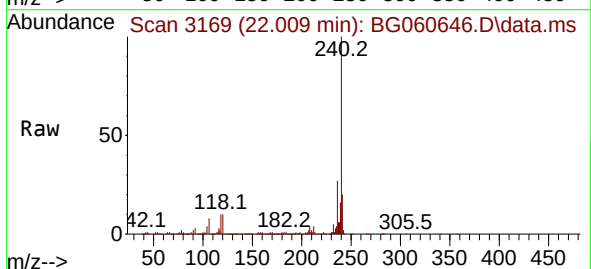
Tgt Ion:240 Resp: 577543

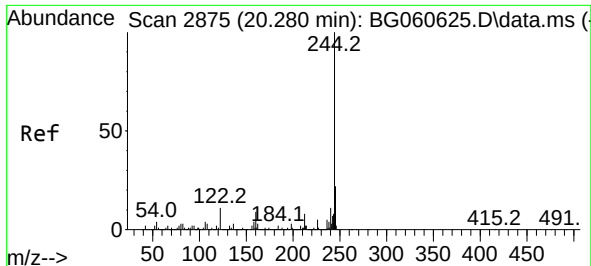
Ion Ratio Lower Upper

240 100

120 10.4 7.8 11.8

236 27.2 20.6 31.0

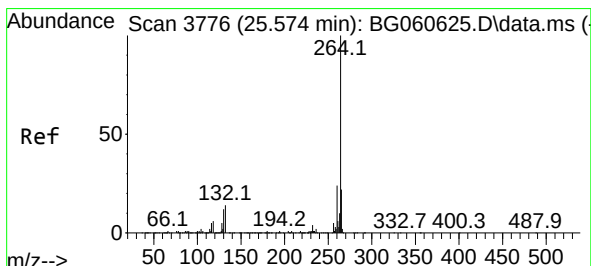
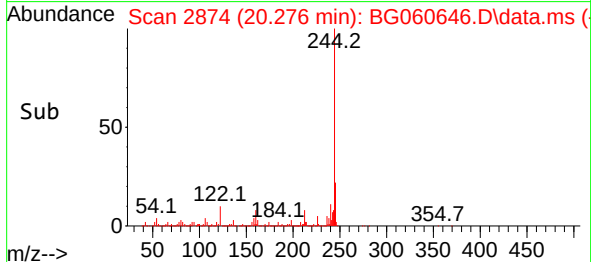
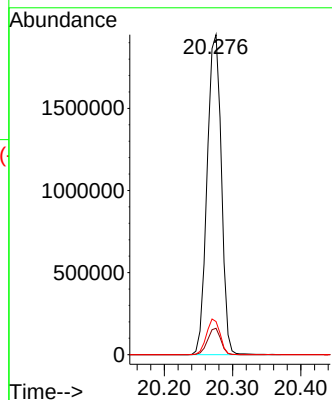
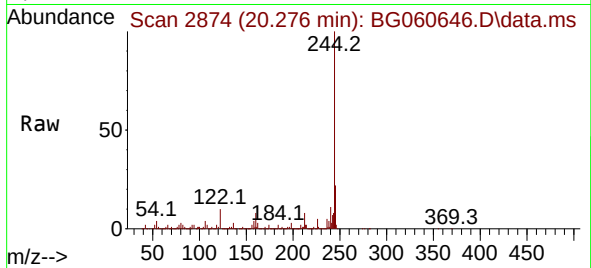




#79
 Terphenyl-d14
 Concen: 88.331 ng
 RT: 20.276 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG060646.D
 Acq: 14 Mar 2024 19:57

Instrument :
 BNA_G
 ClientSampleId :
 MW-04

Tgt Ion:244 Resp: 2822344
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.6 9.8
 122 10.3 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.564 min Scan# 3774
 Delta R.T. -0.011 min
 Lab File: BG060646.D
 Acq: 14 Mar 2024 19:57

Tgt Ion:264 Resp: 656048
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.2
 265 21.4 18.1 27.1

