

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040424\
Data File : BG060778.D
Acq On : 4 Apr 2024 14:51
Operator : MA/JU
Sample : P1952-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-B-COMP

Quant Time: Apr 04 15:22:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 03:12:26 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	66245	20.000	ng	0.00
21) Naphthalene-d8	10.755	136	257179	20.000	ng	0.00
39) Acenaphthene-d10	14.586	164	190140	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	456720	20.000	ng	0.00
76) Chrysene-d12	21.595	240	450393	20.000	ng	0.00
86) Perylene-d12	24.739	264	530257	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.543	112	353762	88.962	ng	0.00
7) Phenol-d6	7.118	99	486767	82.465	ng	0.00
23) Nitrobenzene-d5	9.110	82	305624	67.810	ng	0.00
42) 2,4,6-Tribromophenol	16.072	330	245630	113.802	ng	0.00
45) 2-Fluorobiphenyl	13.211	172	651997	50.326	ng	0.00
79) Terphenyl-d14	19.956	244	1276775	49.916	ng	0.00

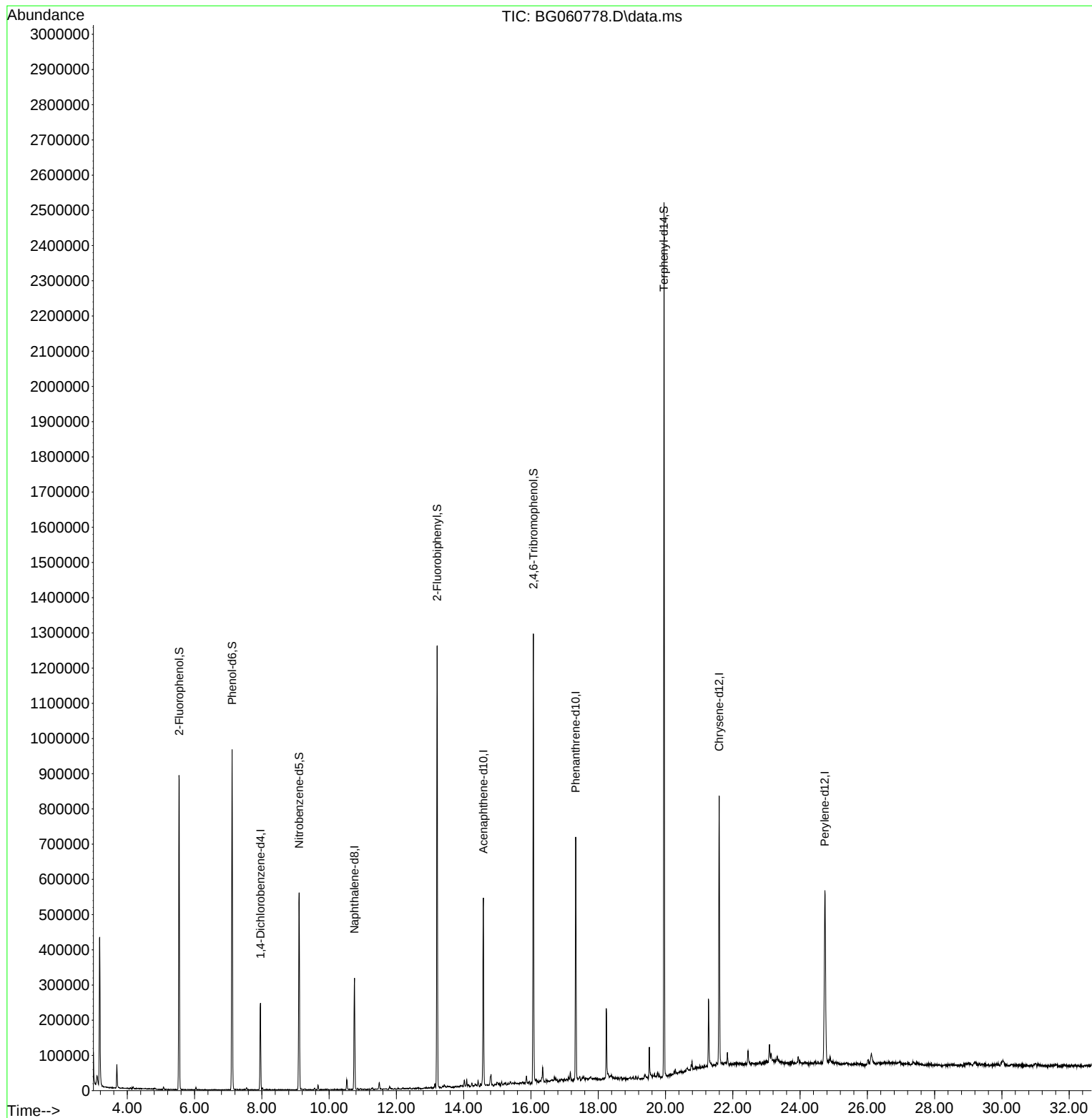
Target Compounds	Qvalue

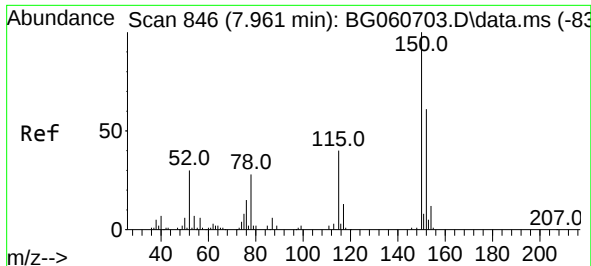
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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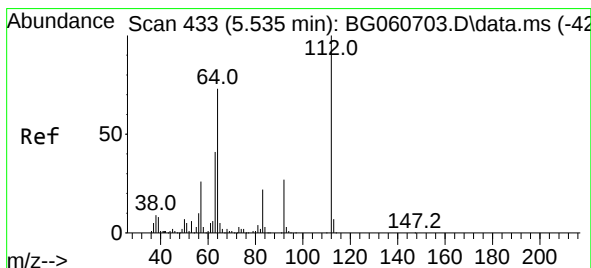
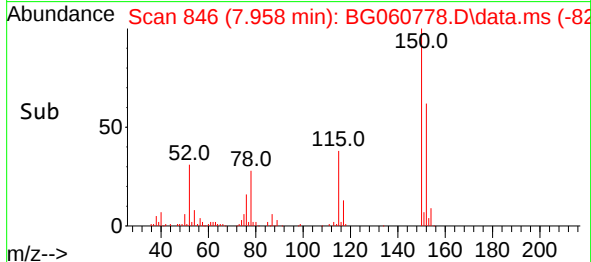
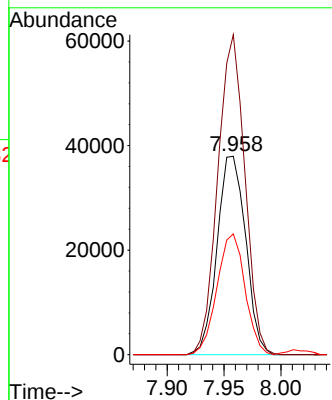
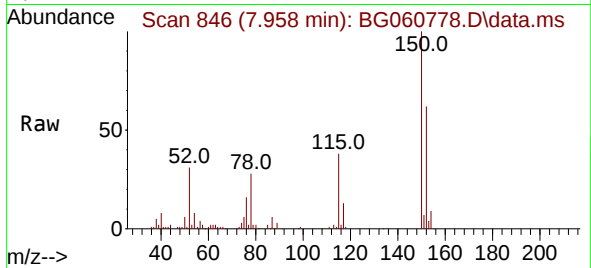




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.958 min Scan# 846
Delta R.T. -0.003 min
Lab File: BG060778.D
Acq: 4 Apr 2024 14:51

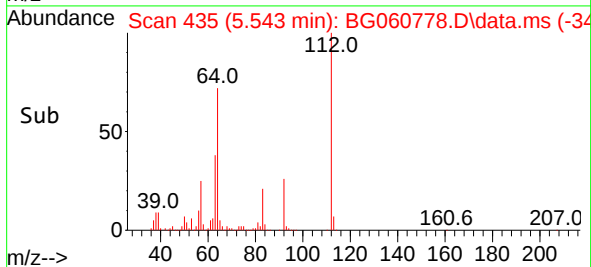
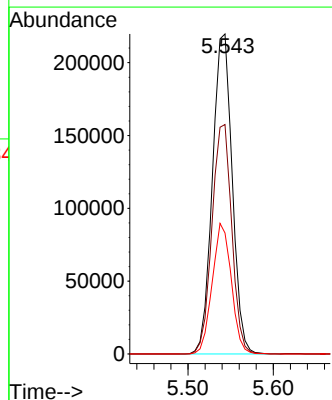
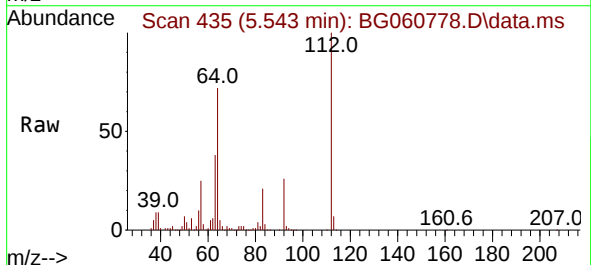
Instrument :
BNA_G
ClientSampleId :
WC-B-COMP

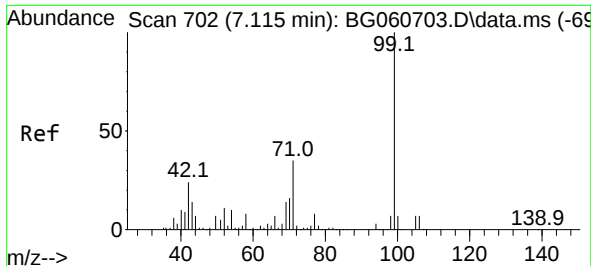
Tgt Ion:152 Resp: 66245
Ion Ratio Lower Upper
152 100
150 161.3 130.2 195.4
115 60.9 51.6 77.4



#5
2-Fluorophenol
Concen: 88.962 ng
RT: 5.543 min Scan# 435
Delta R.T. 0.009 min
Lab File: BG060778.D
Acq: 4 Apr 2024 14:51

Tgt Ion:112 Resp: 353762
Ion Ratio Lower Upper
112 100
64 71.7 58.4 87.6
63 37.8 32.7 49.1

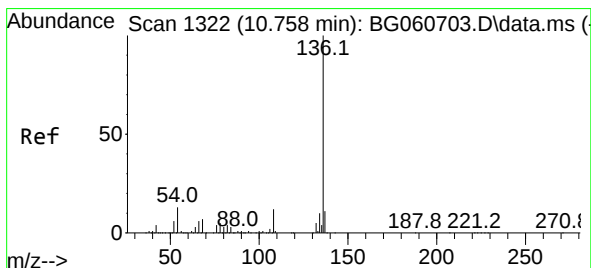
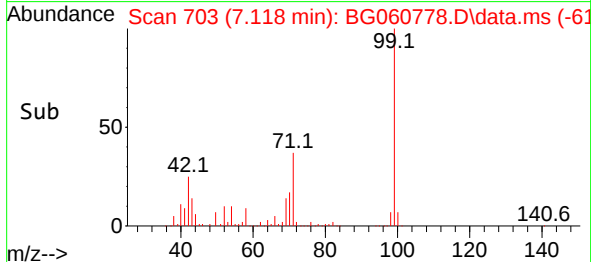
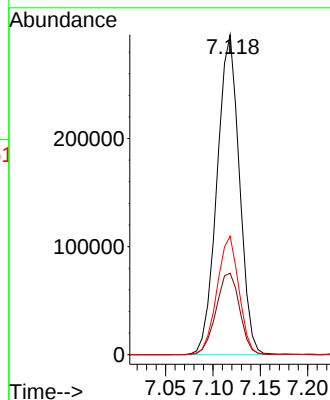
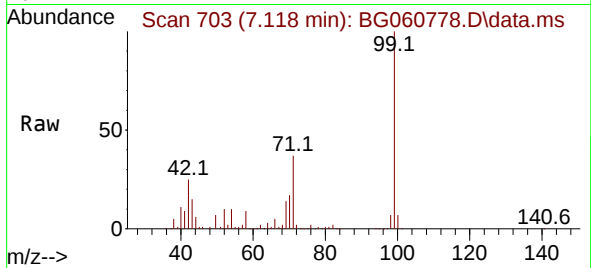




#7
Phenol-d6
Concen: 82.465 ng
RT: 7.118 min Scan# 702
Delta R.T. 0.003 min
Lab File: BG060778.D
Acq: 4 Apr 2024 14:51

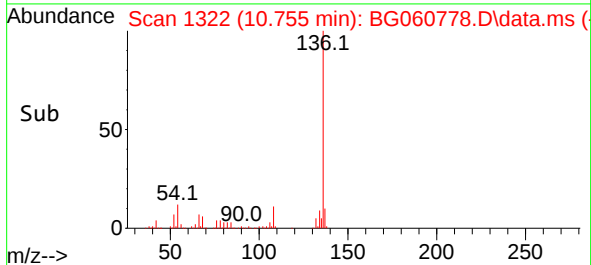
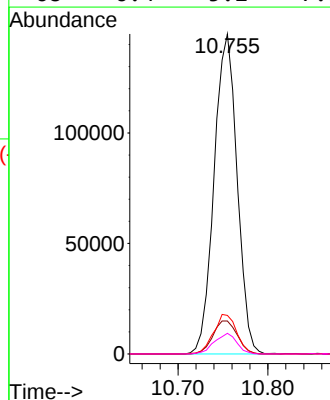
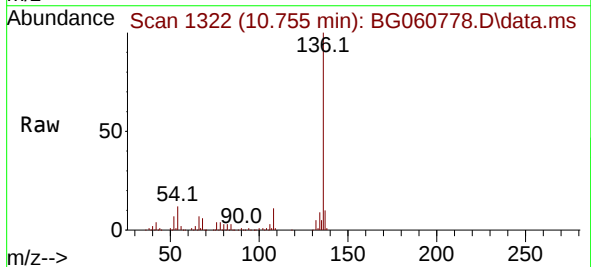
Instrument :
BNA_G
ClientSampleId :
WC-B-COMP

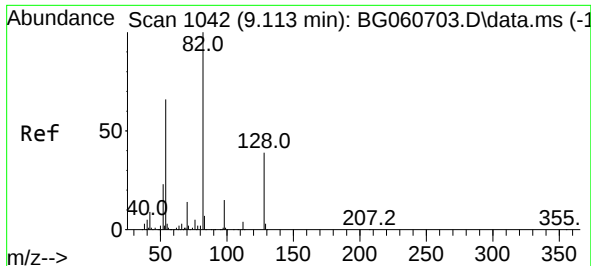
Tgt Ion: 99 Resp: 486767
Ion Ratio Lower Upper
99 100
42 25.4 19.4 29.2
71 37.0 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.755 min Scan# 1322
Delta R.T. -0.003 min
Lab File: BG060778.D
Acq: 4 Apr 2024 14:51

Tgt Ion:136 Resp: 257179
Ion Ratio Lower Upper
136 100
137 10.3 8.8 13.2
54 12.1 10.2 15.2
68 6.4 5.2 7.8





#23

Nitrobenzene-d5

Concen: 67.810 ng

RT: 9.110 min Scan# 1042

Delta R.T. -0.003 min

Lab File: BG060778.D

Acq: 4 Apr 2024 14:51

Instrument :

BNA_G

ClientSampleId :

WC-B-COMP

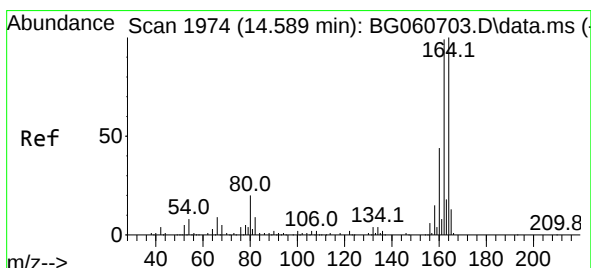
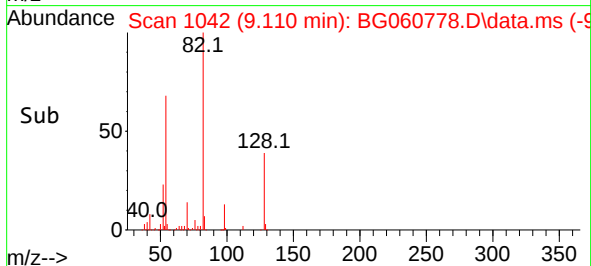
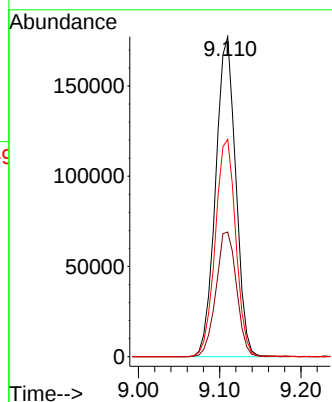
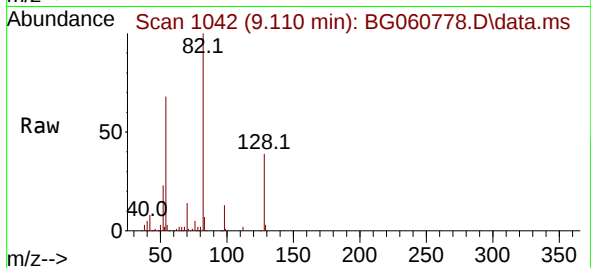
Tgt Ion: 82 Resp: 305624

Ion Ratio Lower Upper

82 100

128 38.9 31.2 46.8

54 67.9 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.586 min Scan# 1974

Delta R.T. -0.003 min

Lab File: BG060778.D

Acq: 4 Apr 2024 14:51

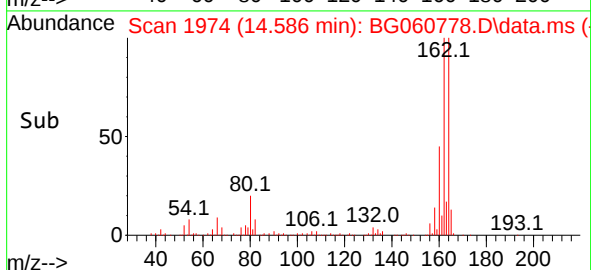
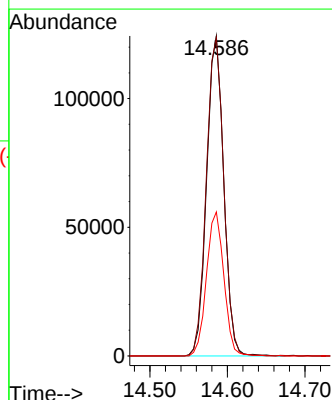
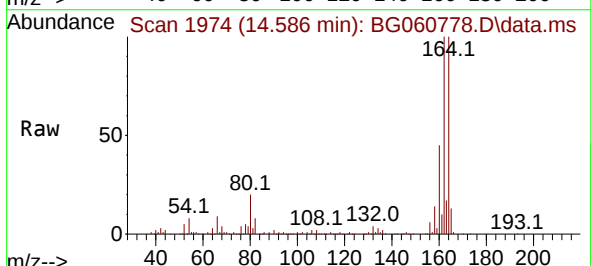
Tgt Ion:164 Resp: 190140

Ion Ratio Lower Upper

164 100

162 99.6 79.5 119.3

160 45.0 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 113.802 ng

RT: 16.072 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG060778.D

Acq: 4 Apr 2024 14:51

Instrument :

BNA_G

ClientSampleId :

WC-B-COMP

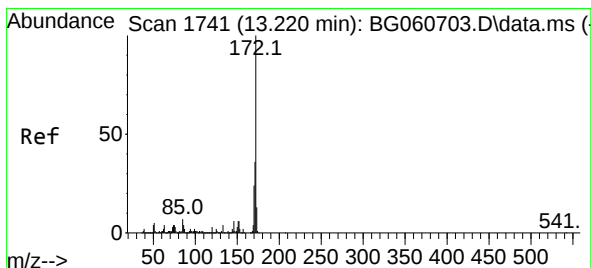
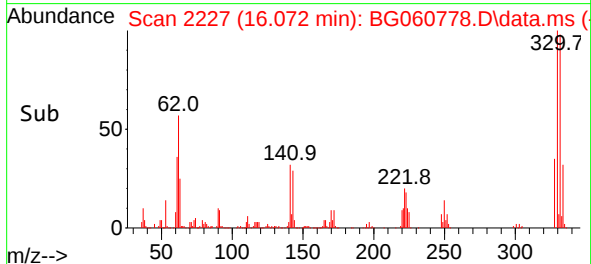
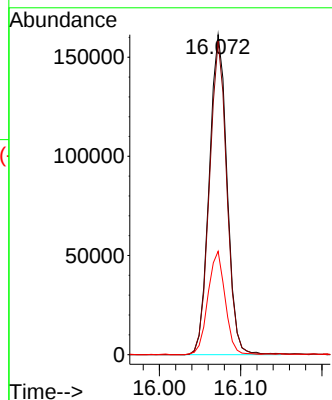
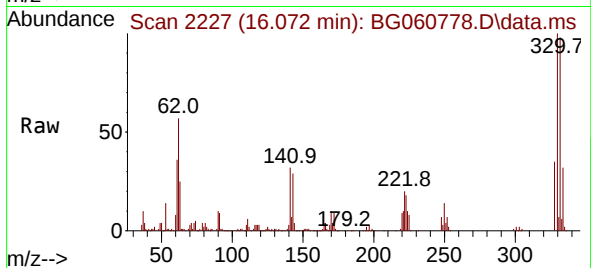
Tgt Ion:330 Resp: 245630

Ion Ratio Lower Upper

330 100

332 95.4 78.2 117.4

141 31.2 27.0 40.6



#45

2-Fluorobiphenyl

Concen: 50.326 ng

RT: 13.211 min Scan# 1740

Delta R.T. -0.009 min

Lab File: BG060778.D

Acq: 4 Apr 2024 14:51

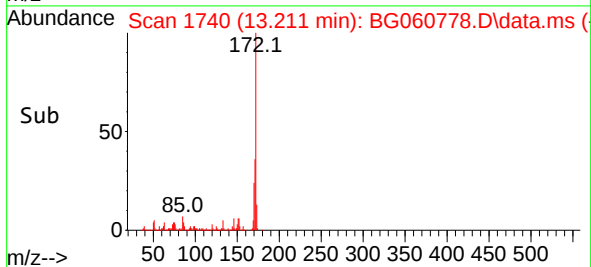
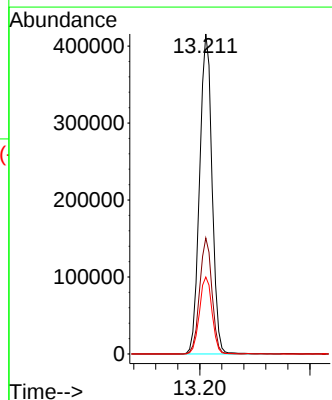
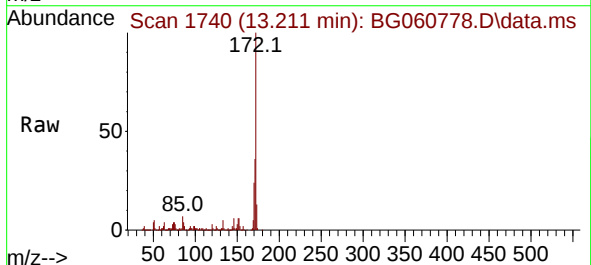
Tgt Ion:172 Resp: 651997

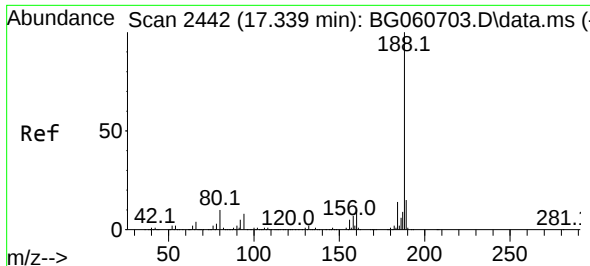
Ion Ratio Lower Upper

172 100

171 36.3 28.7 43.1

170 24.0 19.4 29.0

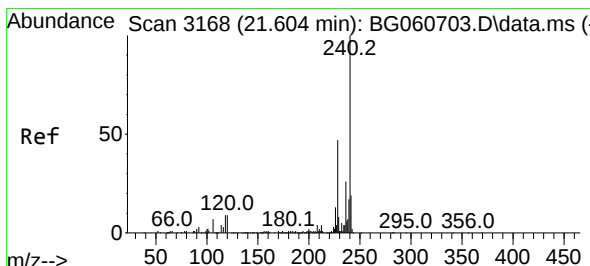
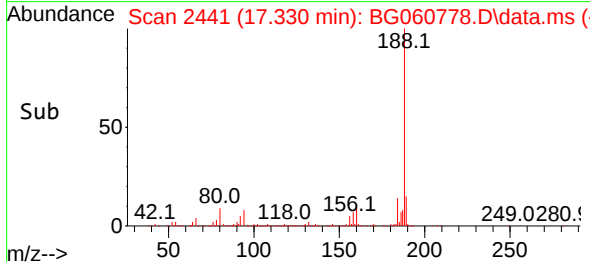
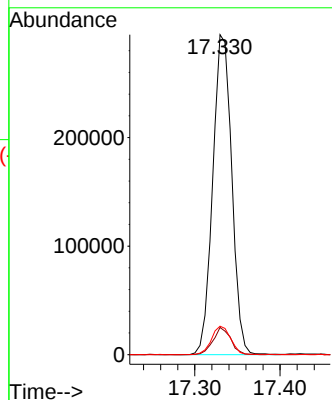
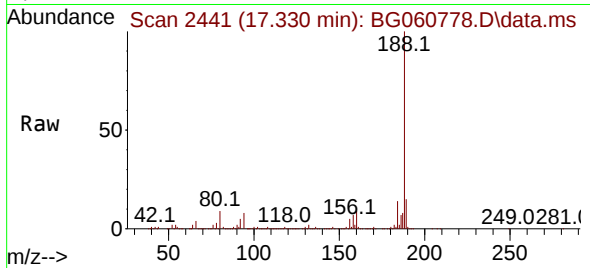




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.330 min Scan# 2442
Delta R.T. -0.009 min
Lab File: BG060778.D
Acq: 4 Apr 2024 14:51

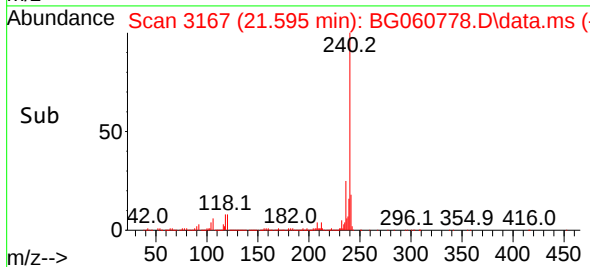
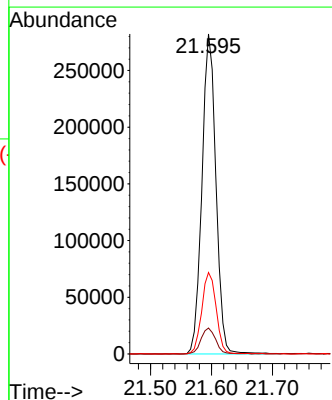
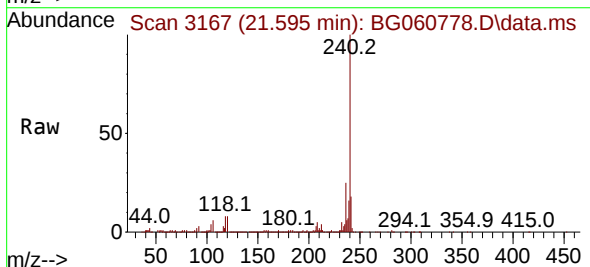
Instrument :
BNA_G
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WC-B-COMP

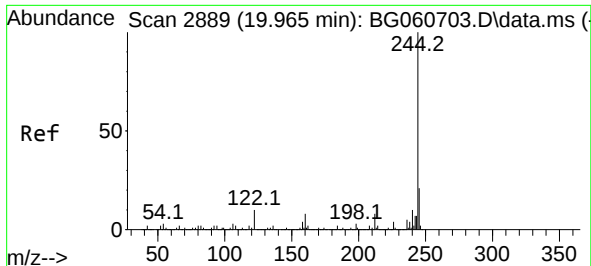
Tgt Ion:188 Resp: 456720
Ion Ratio Lower Upper
188 100
94 8.5 6.6 9.8
80 8.9 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.595 min Scan# 3167
Delta R.T. -0.009 min
Lab File: BG060778.D
Acq: 4 Apr 2024 14:51

Tgt Ion:240 Resp: 450393
Ion Ratio Lower Upper
240 100
120 8.1 7.1 10.7
236 25.4 20.7 31.1

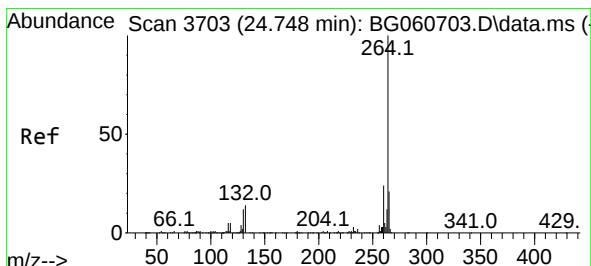
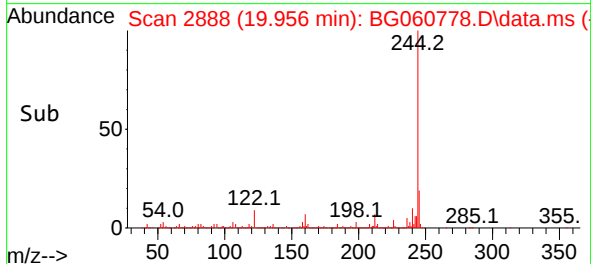
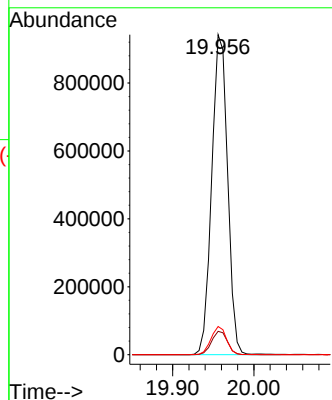
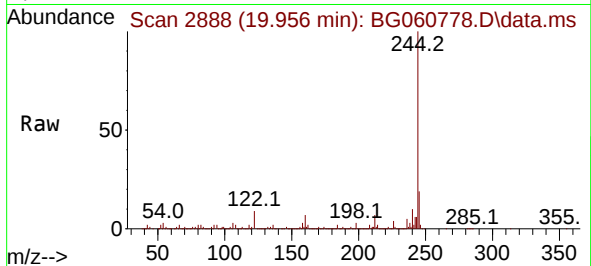




#79
 Terphenyl-d14
 Concen: 49.916 ng
 RT: 19.956 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG060778.D
 Acq: 4 Apr 2024 14:51

Instrument :
 BNA_G
 ClientSampleId :
 WC-B-COMP

Tgt Ion:244 Resp: 1276775
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 8.8 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.739 min Scan# 3702
 Delta R.T. -0.009 min
 Lab File: BG060778.D
 Acq: 4 Apr 2024 14:51

Tgt Ion:264 Resp: 530257
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 21.0 16.9 25.3

