

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111523\
 Data File : BG059708.D
 Acq On : 15 Nov 2023 20:26
 Operator : MA/JU
 Sample : 05257-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-3

Quant Time: Nov 16 02:52:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 15 08:14:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.342	152	19248	20.000	ng	#-0.01
21) Naphthalene-d8	11.191	136	123736	20.000	ng	# 0.00
39) Acenaphthene-d10	14.975	164	90822	20.000	ng	0.00
64) Phenanthrene-d10	17.725	188	218837	20.000	ng	# 0.00
76) Chrysene-d12	22.049	240	216141	20.000	ng	#-0.01
86) Perylene-d12	25.651	264	241458	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.839	112	164229	147.302	ng	0.00
7) Phenol-d6	7.460	99	215005	127.608	ng	0.00
23) Nitrobenzene-d5	9.546	82	322988	112.215	ng	0.00
42) 2,4,6-Tribromophenol	16.462	330	182320	177.877	ng	0.00
45) 2-Fluorobiphenyl	13.600	172	665740	98.826	ng	0.00
79) Terphenyl-d14	20.304	244	1640440	156.591	ng	0.00

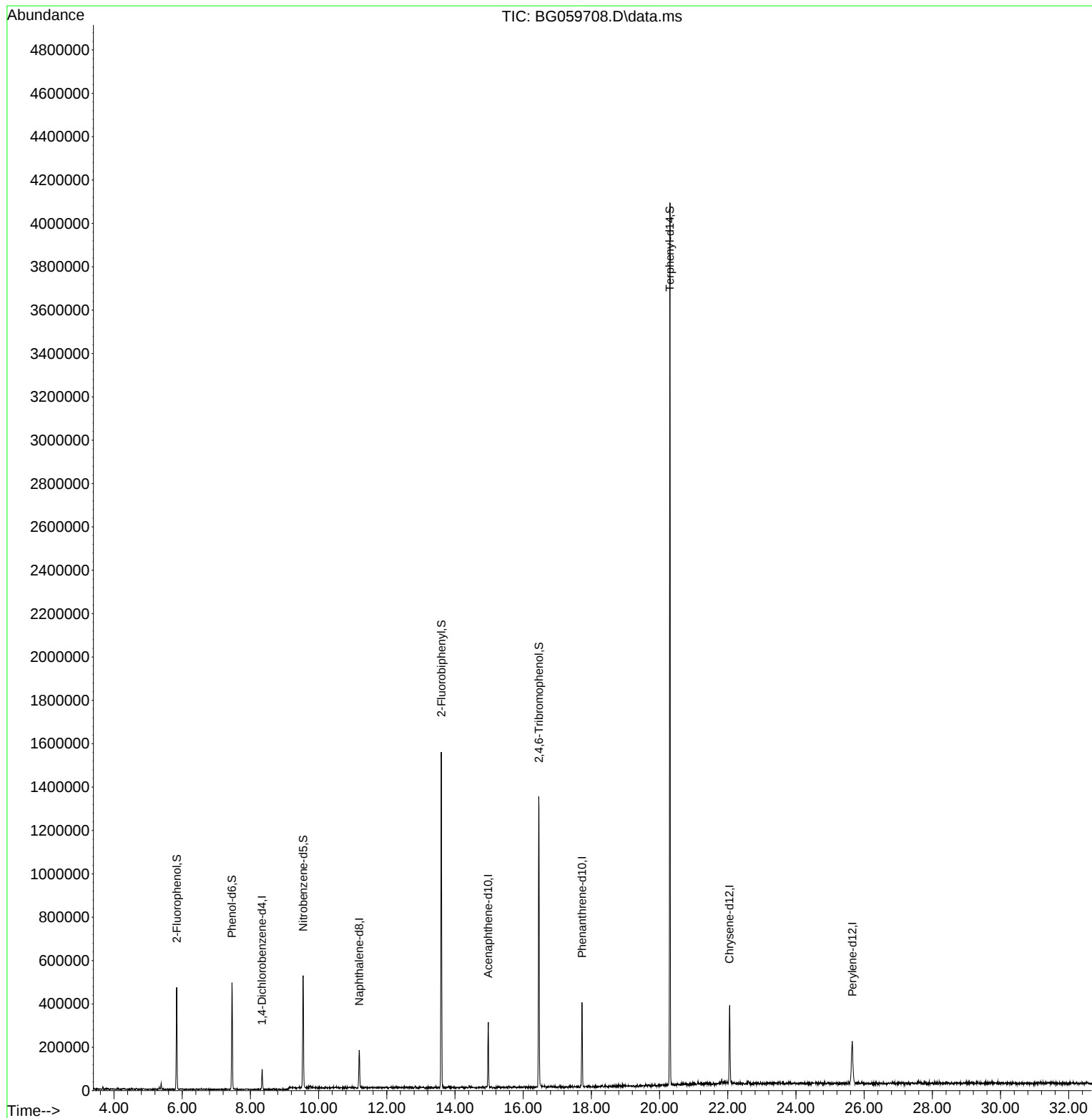
Target Compounds	Qvalue

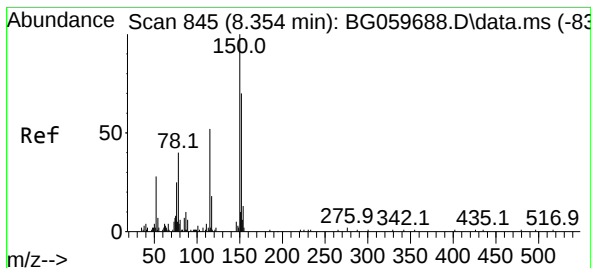
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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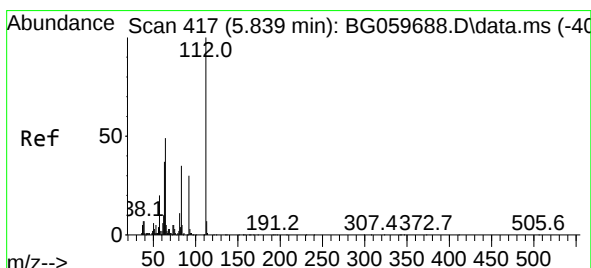
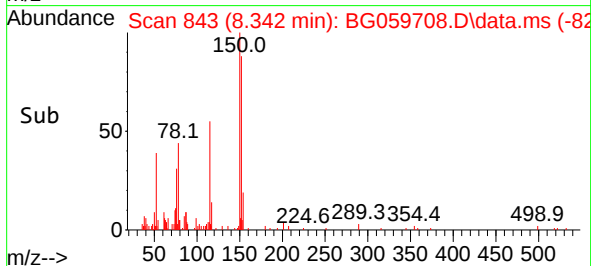
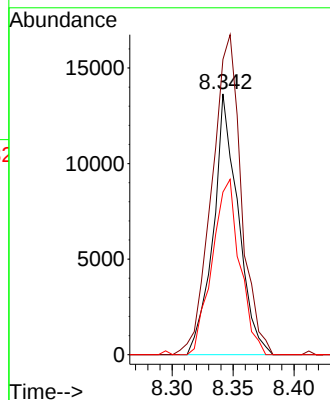
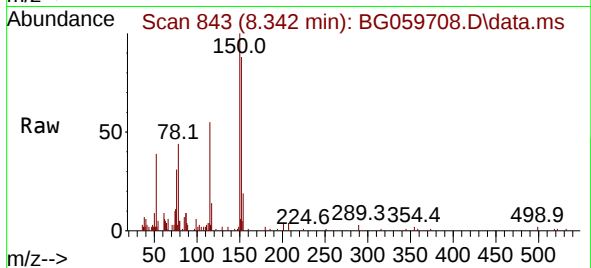




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.342 min Scan# 845
Delta R.T. -0.012 min
Lab File: BG059708.D
Acq: 15 Nov 2023 20:26

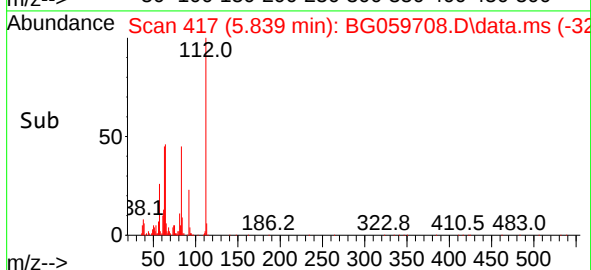
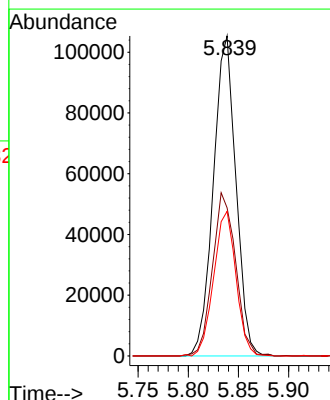
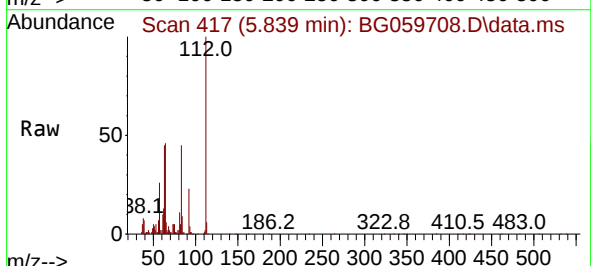
Instrument :
BNA_G
ClientSampleId :
WC-3

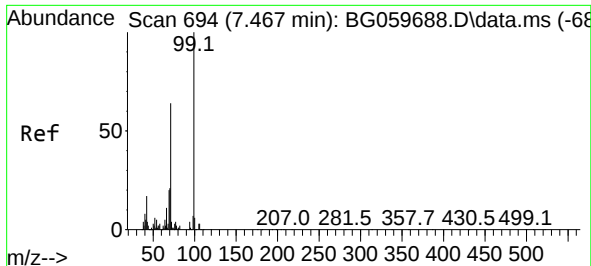
Tgt Ion:152 Resp: 19248
Ion Ratio Lower Upper
152 100
150 113.2 113.9 170.9#
115 62.4 59.4 89.2



#5
2-Fluorophenol
Concen: 147.302 ng
RT: 5.839 min Scan# 417
Delta R.T. -0.001 min
Lab File: BG059708.D
Acq: 15 Nov 2023 20:26

Tgt Ion:112 Resp: 164229
Ion Ratio Lower Upper
112 100
64 46.3 39.0 58.6
63 45.2 29.8 44.6#

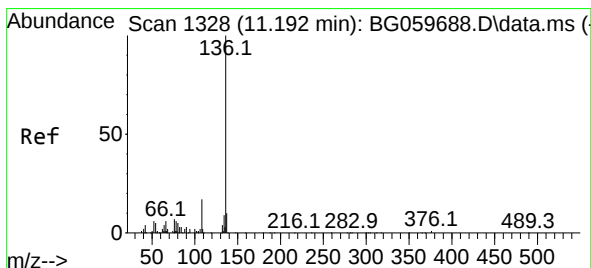
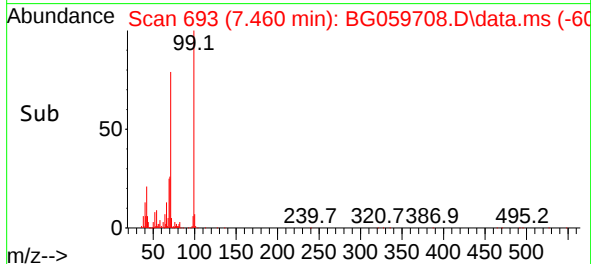
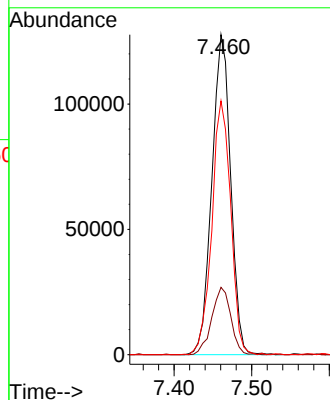
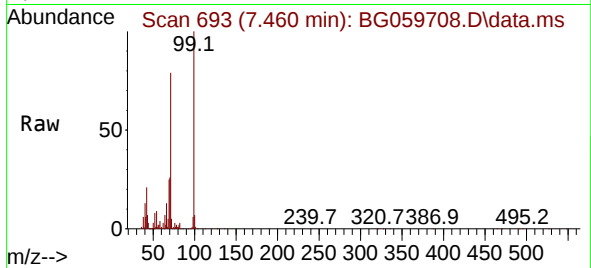




#7
Phenol-d6
Concen: 127.608 ng
RT: 7.460 min Scan# 694
Delta R.T. -0.007 min
Lab File: BG059708.D
Acq: 15 Nov 2023 20:26

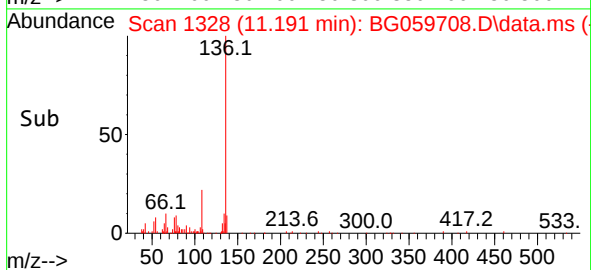
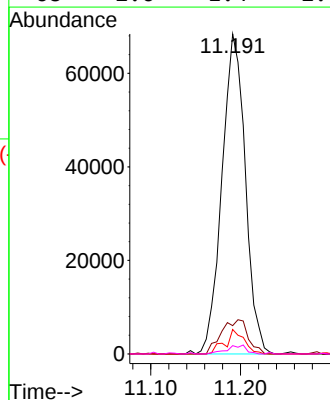
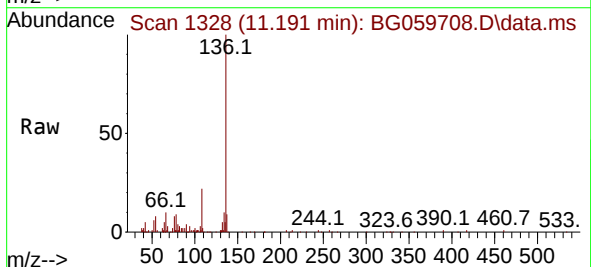
Instrument :
BNA_G
ClientSampleId :
WC-3

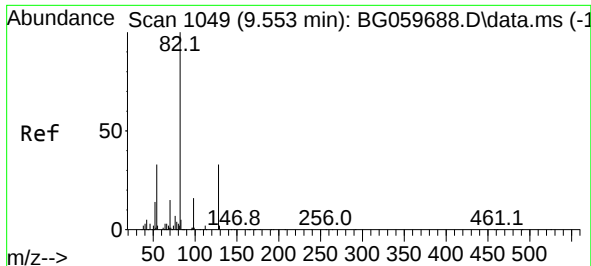
Tgt Ion: 99 Resp: 215005
Ion Ratio Lower Upper
99 100
42 21.1 13.2 19.8#
71 79.3 51.3 76.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.191 min Scan# 1328
Delta R.T. -0.001 min
Lab File: BG059708.D
Acq: 15 Nov 2023 20:26

Tgt Ion:136 Resp: 123736
Ion Ratio Lower Upper
136 100
137 8.9 7.7 11.5
54 7.6 4.2 6.2#
68 2.6 1.4 2.0#

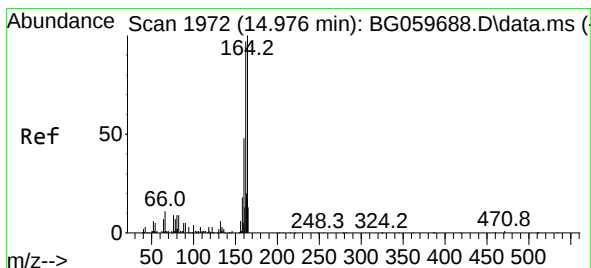
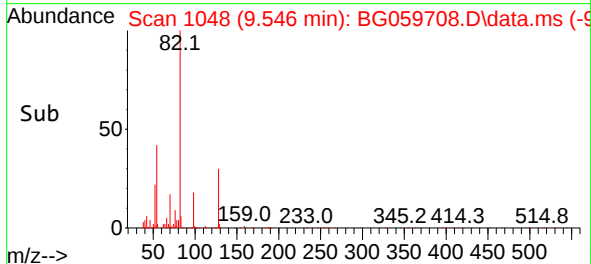
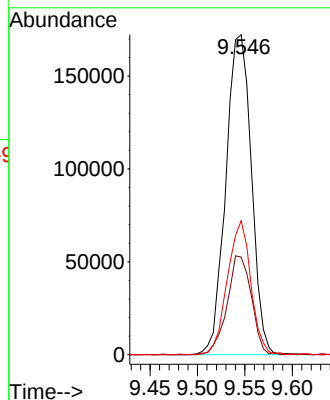
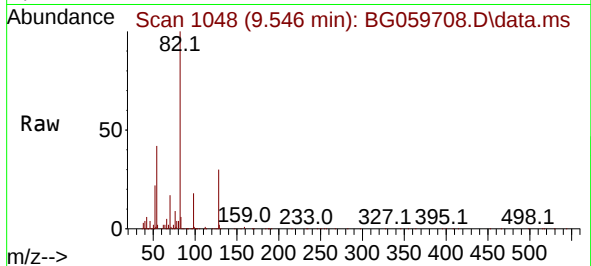




#23
Nitrobenzene-d5
Concen: 112.215 ng
RT: 9.546 min Scan# 1048
Delta R.T. -0.007 min
Lab File: BG059708.D
Acq: 15 Nov 2023 20:26

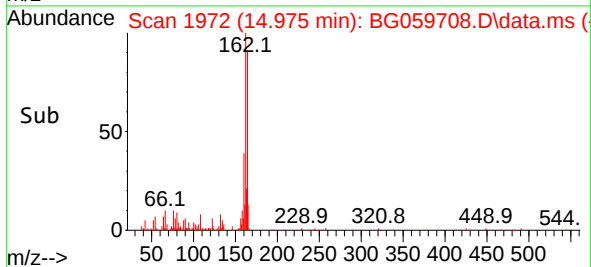
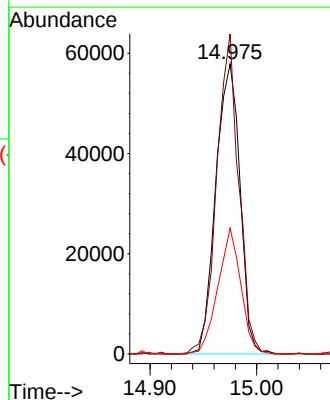
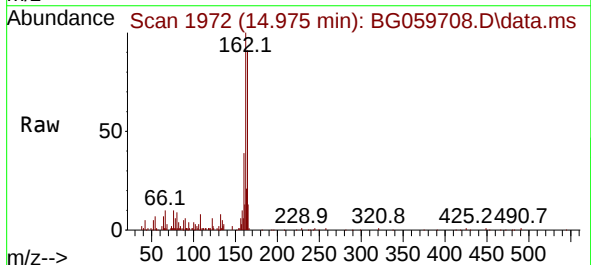
Instrument :
BNA_G
ClientSampleId :
WC-3

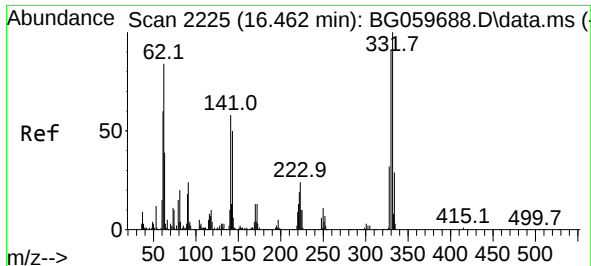
Tgt Ion: 82 Resp: 322988
Ion Ratio Lower Upper
82 100
128 30.5 26.3 39.5
54 41.9 26.6 39.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.975 min Scan# 1972
Delta R.T. -0.001 min
Lab File: BG059708.D
Acq: 15 Nov 2023 20:26

Tgt Ion:164 Resp: 90822
Ion Ratio Lower Upper
164 100
162 110.3 77.8 116.6
160 43.4 38.0 57.0

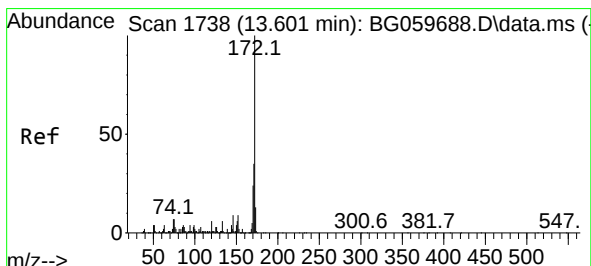
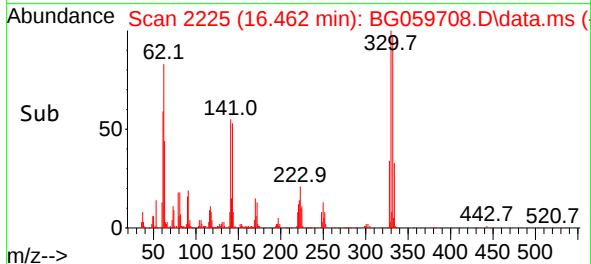
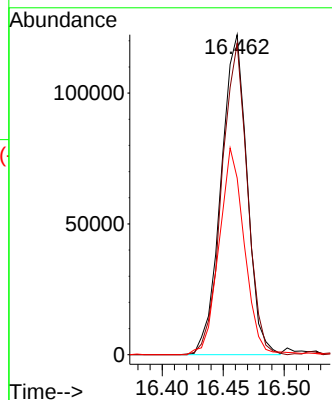
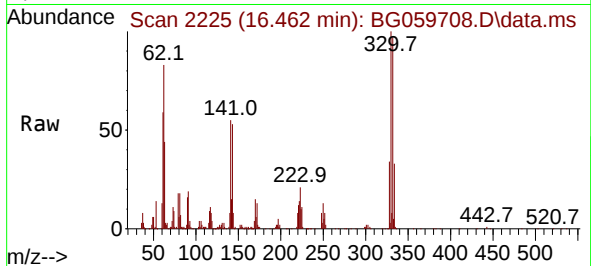




#42
2,4,6-Tribromophenol
Concen: 177.877 ng
RT: 16.462 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG059708.D
Acq: 15 Nov 2023 20:26

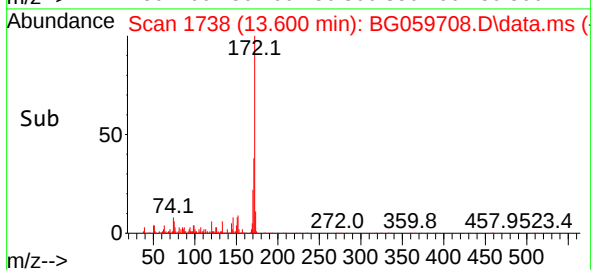
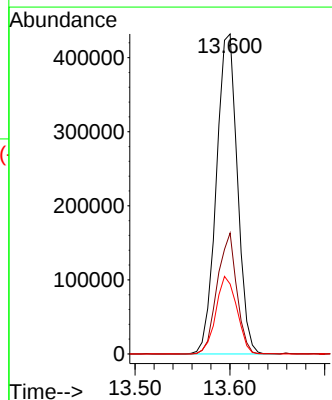
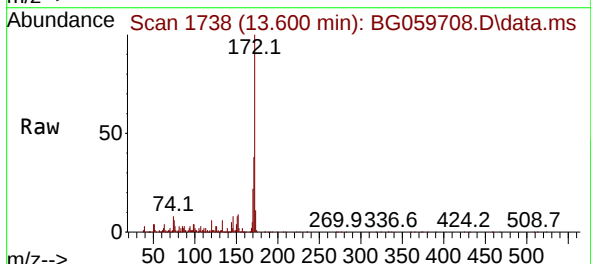
Instrument :
BNA_G
ClientSampleId :
WC-3

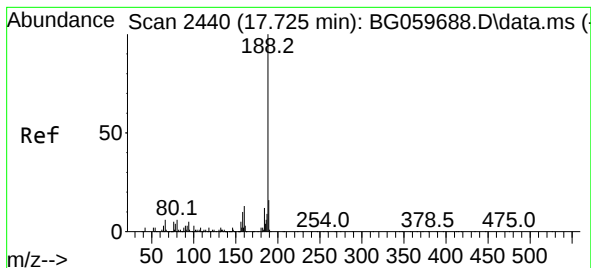
Tgt Ion:330 Resp: 182320
Ion Ratio Lower Upper
330 100
332 95.1 80.7 121.1
141 62.8 51.0 76.6



#45
2-Fluorobiphenyl
Concen: 98.826 ng
RT: 13.600 min Scan# 1738
Delta R.T. -0.001 min
Lab File: BG059708.D
Acq: 15 Nov 2023 20:26

Tgt Ion:172 Resp: 665740
Ion Ratio Lower Upper
172 100
171 37.8 27.9 41.9
170 21.9 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.725 min Scan# 2440

Delta R.T. -0.001 min

Lab File: BG059708.D

Acq: 15 Nov 2023 20:26

Instrument :

BNA_G

ClientSampleId :

WC-3

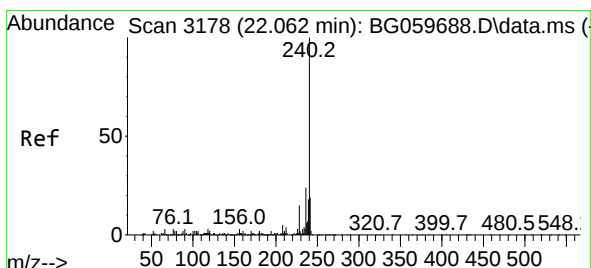
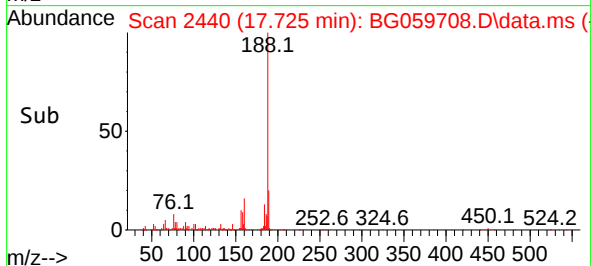
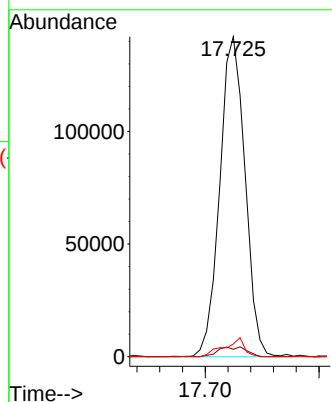
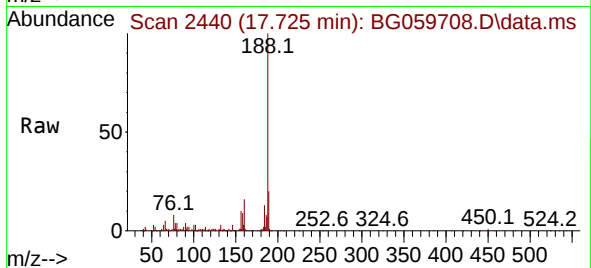
Tgt Ion:188 Resp: 218837

Ion Ratio Lower Upper

188 100

94 2.3 3.9 5.9#

80 4.0 4.5 6.7#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.049 min Scan# 3176

Delta R.T. -0.012 min

Lab File: BG059708.D

Acq: 15 Nov 2023 20:26

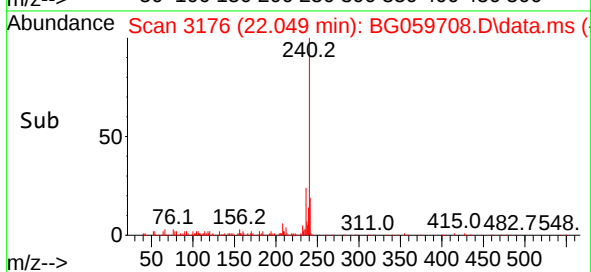
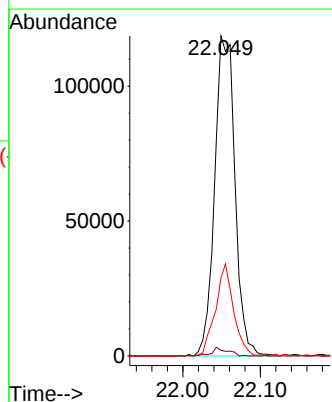
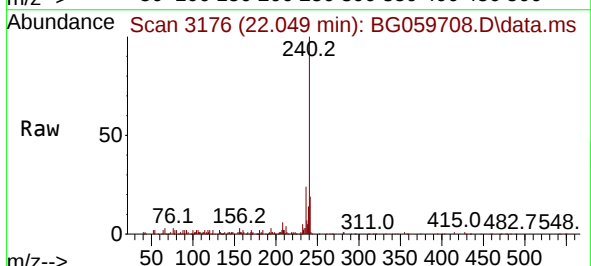
Tgt Ion:240 Resp: 216141

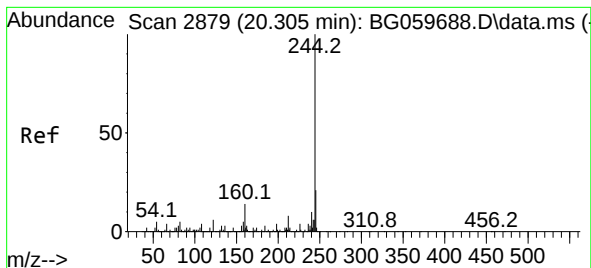
Ion Ratio Lower Upper

240 100

120 1.7 2.6 3.8#

236 24.4 19.4 29.0





#79

Terphenyl-d14

Concen: 156.591 ng

RT: 20.304 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG059708.D

Acq: 15 Nov 2023 20:26

Instrument :

BNA_G

ClientSampleId :

WC-3

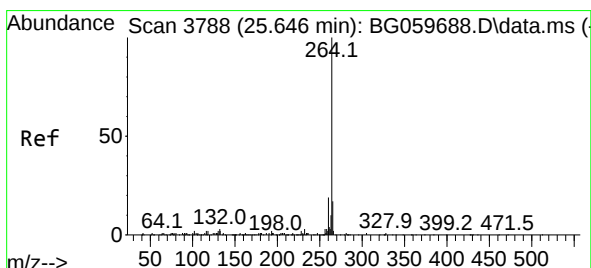
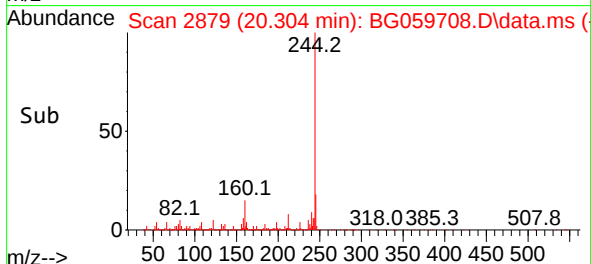
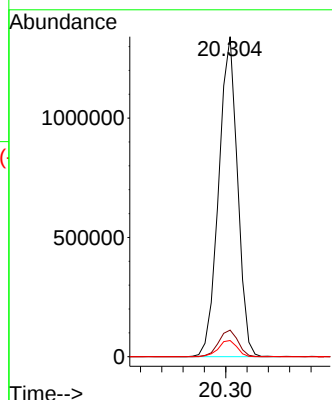
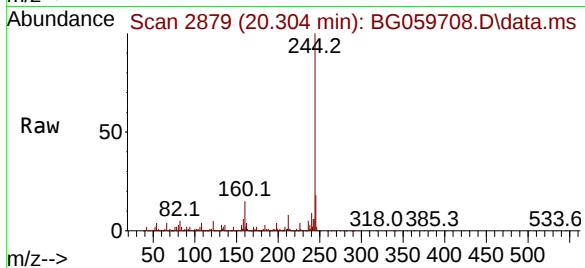
Tgt Ion:244 Resp: 1640440

Ion Ratio Lower Upper

244 100

212 8.3 6.6 9.8

122 5.1 4.6 6.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.651 min Scan# 3789

Delta R.T. 0.005 min

Lab File: BG059708.D

Acq: 15 Nov 2023 20:26

Tgt Ion:264 Resp: 241458

Ion Ratio Lower Upper

264 100

260 25.6 15.6 23.4#

265 19.7 13.4 20.2

