

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112423\
 Data File : BG059865.D
 Acq On : 24 Nov 2023 19:42
 Operator : MA/JU
 Sample : 05449-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-SED-03

Quant Time: Nov 25 01:01:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 15:11:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.312	152	21250	20.000	ng	# 0.00
21) Naphthalene-d8	11.168	136	91972	20.000	ng	# 0.00
39) Acenaphthene-d10	14.952	164	91770	20.000	ng	0.00
64) Phenanthrene-d10	17.701	188	234391	20.000	ng	# 0.00
76) Chrysene-d12	22.020	240	175783	20.000	ng	#-0.01
86) Perylene-d12	25.586	264	200189	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.809	112	131502	104.158	ng	0.00
7) Phenol-d6	7.443	99	187032	99.967	ng	0.00
23) Nitrobenzene-d5	9.517	82	153934	63.922	ng	0.00
42) 2,4,6-Tribromophenol	16.438	330	138053	132.585	ng	0.00
45) 2-Fluorobiphenyl	13.571	172	379670	55.688	ng	0.00
79) Terphenyl-d14	20.275	244	674465	56.642	ng	0.00

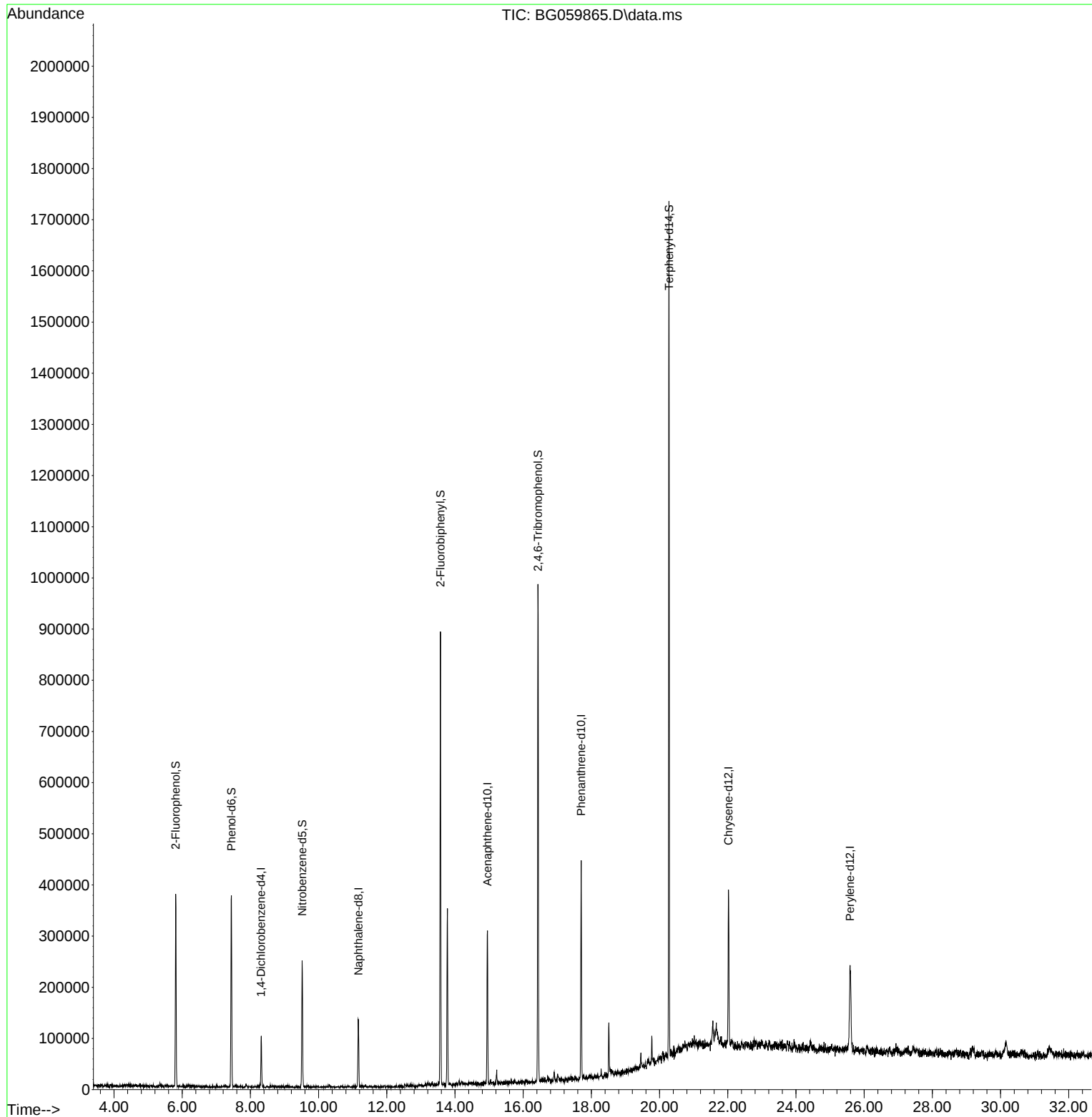
Target Compounds	Qvalue

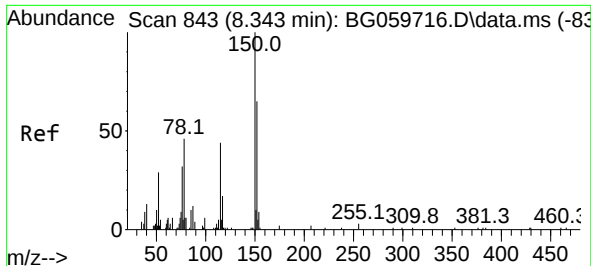
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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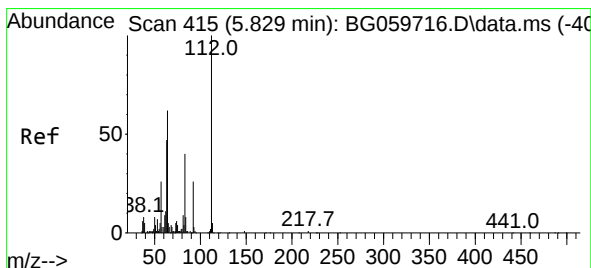
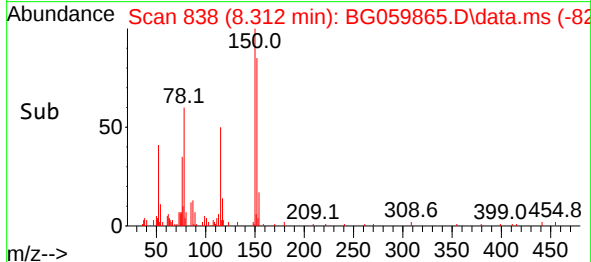
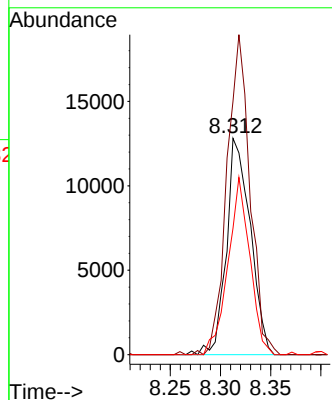
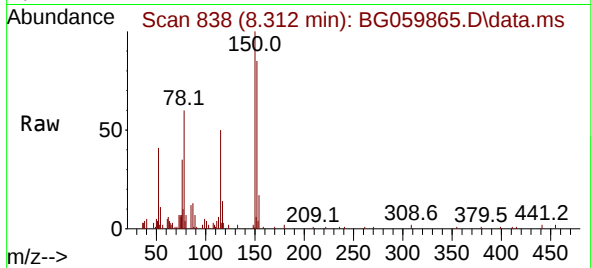




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.312 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG059865.D
Acq: 24 Nov 2023 19:42

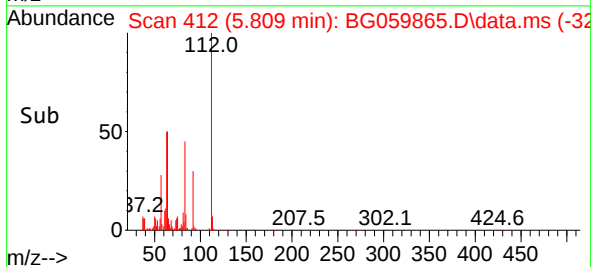
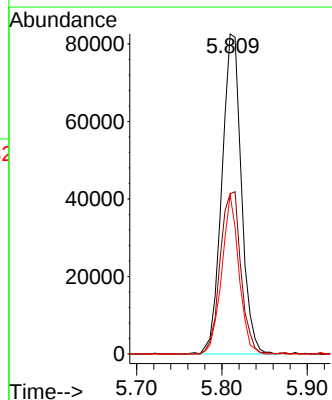
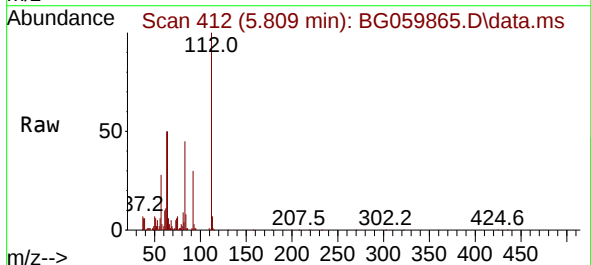
Instrument :
BNA_G
ClientSampleId :
WC-SED-03

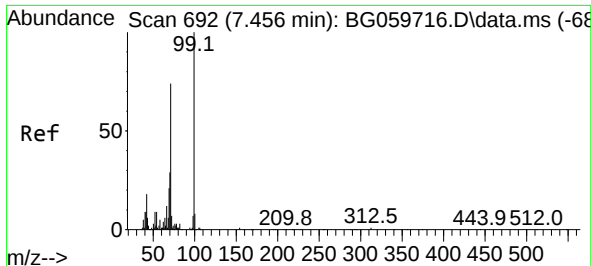
Tgt Ion:152 Resp: 21250
Ion Ratio Lower Upper
152 100
150 117.2 122.2 183.4#
115 58.4 54.2 81.4



#5
2-Fluorophenol
Concen: 104.158 ng
RT: 5.809 min Scan# 412
Delta R.T. -0.002 min
Lab File: BG059865.D
Acq: 24 Nov 2023 19:42

Tgt Ion:112 Resp: 131502
Ion Ratio Lower Upper
112 100
64 50.1 49.5 74.3
63 49.8 37.4 56.2

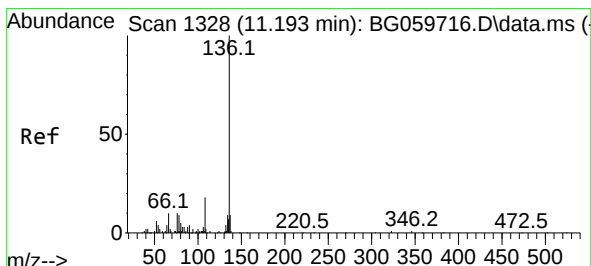
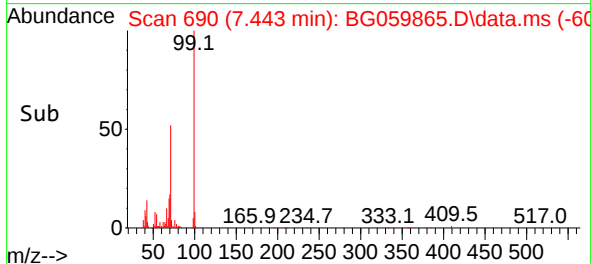
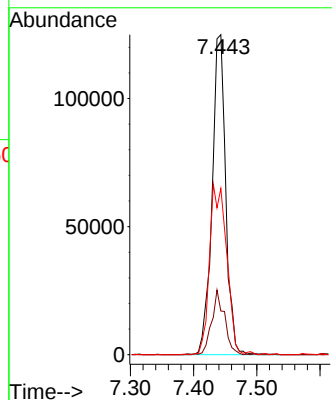
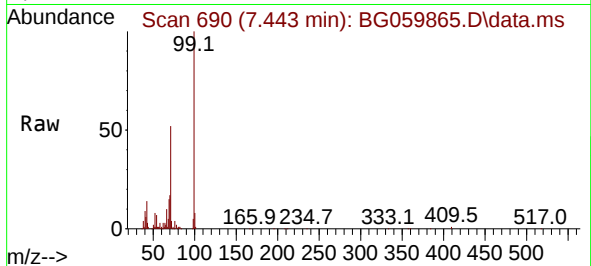




#7
Phenol-d6
Concen: 99.967 ng
RT: 7.443 min Scan# 692
Delta R.T. -0.002 min
Lab File: BG059865.D
Acq: 24 Nov 2023 19:42

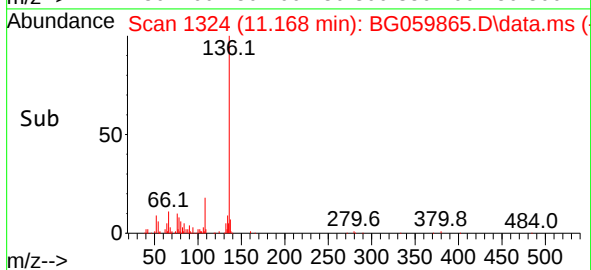
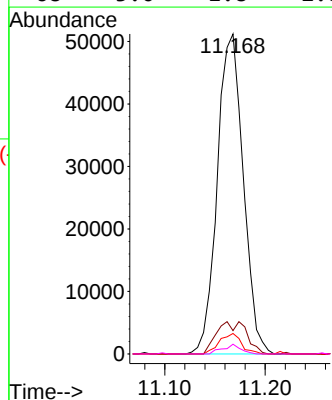
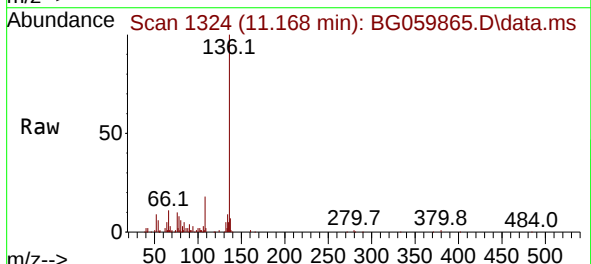
Instrument :
BNA_G
ClientSampleId :
WC-SED-03

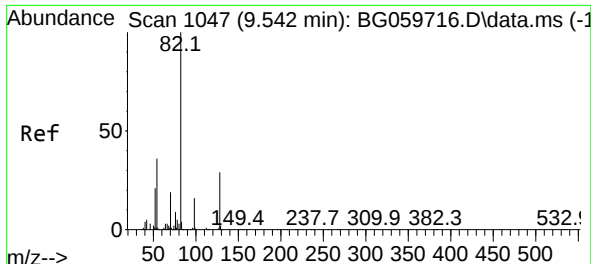
Tgt Ion: 99 Resp: 187032
Ion Ratio Lower Upper
99 100
42 13.6 14.3 21.5#
71 52.0 59.3 88.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.168 min Scan# 1324
Delta R.T. -0.002 min
Lab File: BG059865.D
Acq: 24 Nov 2023 19:42

Tgt Ion: 136 Resp: 91972
Ion Ratio Lower Upper
136 100
137 7.3 7.4 11.0#
54 6.4 3.1 4.7#
68 3.0 1.8 2.8#





#23

Nitrobenzene-d5

Concen: 63.922 ng

RT: 9.517 min Scan# 1043

Delta R.T. -0.008 min

Lab File: BG059865.D

Acq: 24 Nov 2023 19:42

Instrument :

BNA_G

ClientSampleId :

WC-SED-03

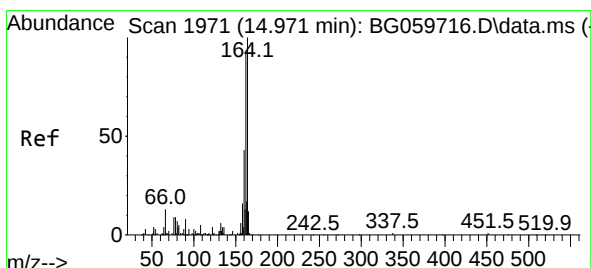
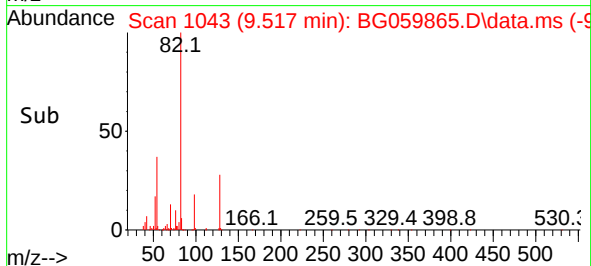
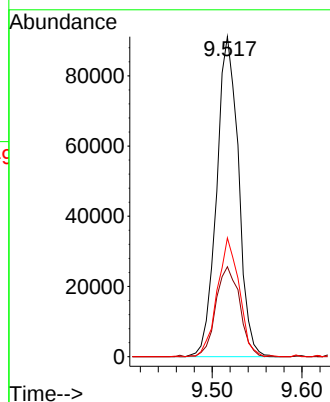
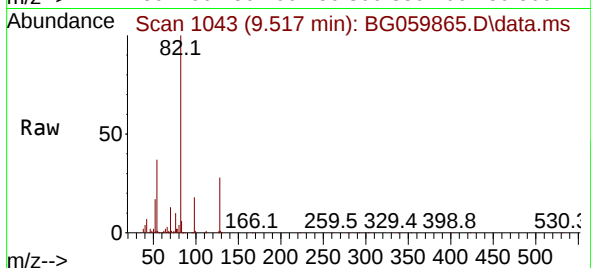
Tgt Ion: 82 Resp: 153934

Ion Ratio Lower Upper

82 100

128 28.1 23.0 34.6

54 37.1 28.7 43.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.952 min Scan# 1968

Delta R.T. -0.002 min

Lab File: BG059865.D

Acq: 24 Nov 2023 19:42

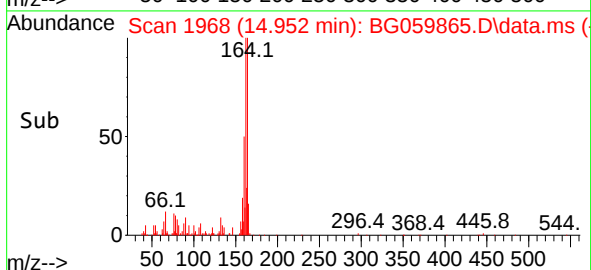
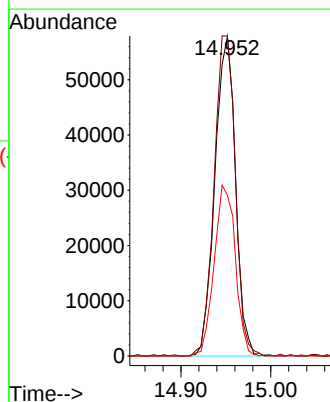
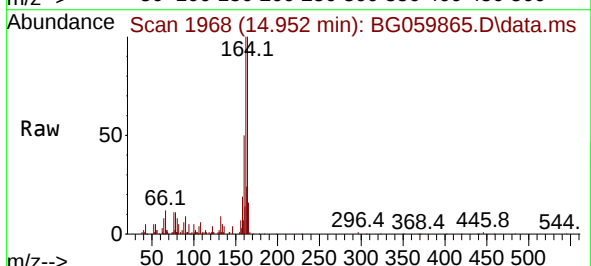
Tgt Ion:164 Resp: 91770

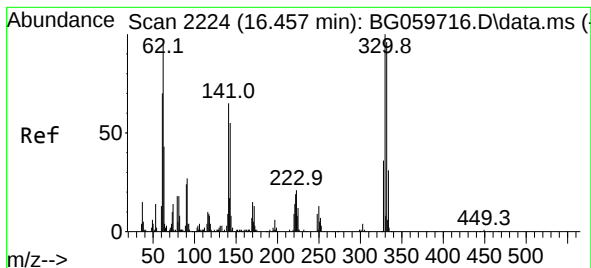
Ion Ratio Lower Upper

164 100

162 100.2 73.3 109.9

160 50.3 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 132.585 ng

RT: 16.438 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG059865.D

Acq: 24 Nov 2023 19:42

Instrument :

BNA_G

ClientSampleId :

WC-SED-03

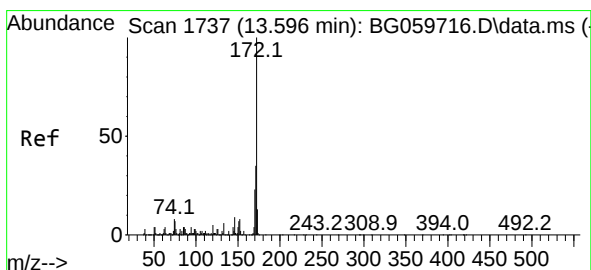
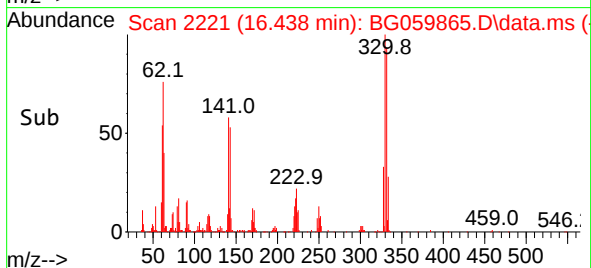
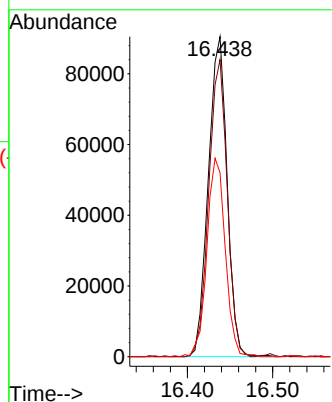
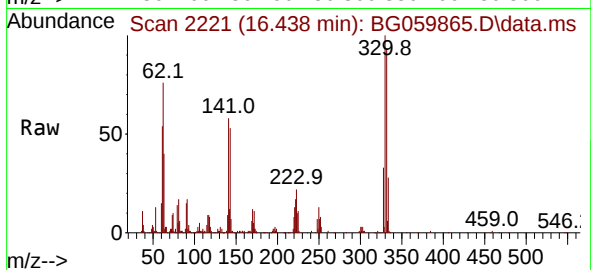
Tgt Ion:330 Resp: 138053

Ion Ratio Lower Upper

330 100

332 91.5 73.3 109.9

141 60.9 52.1 78.1



#45

2-Fluorobiphenyl

Concen: 55.688 ng

RT: 13.571 min Scan# 1733

Delta R.T. -0.008 min

Lab File: BG059865.D

Acq: 24 Nov 2023 19:42

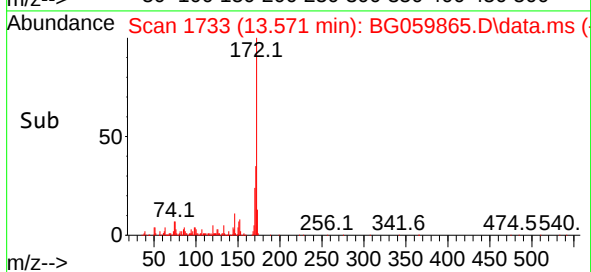
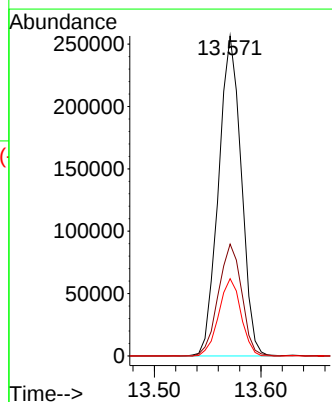
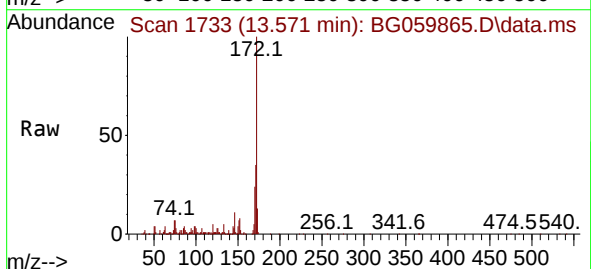
Tgt Ion:172 Resp: 379670

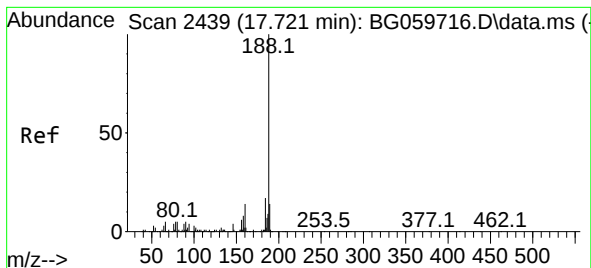
Ion Ratio Lower Upper

172 100

171 35.0 27.7 41.5

170 24.1 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.701 min Scan# 2439

Delta R.T. -0.008 min

Lab File: BG059865.D

Acq: 24 Nov 2023 19:42

Instrument :

BNA_G

ClientSampleId :

WC-SED-03

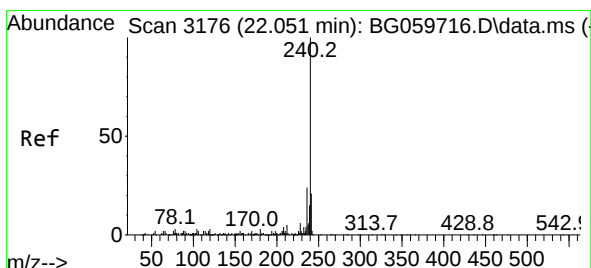
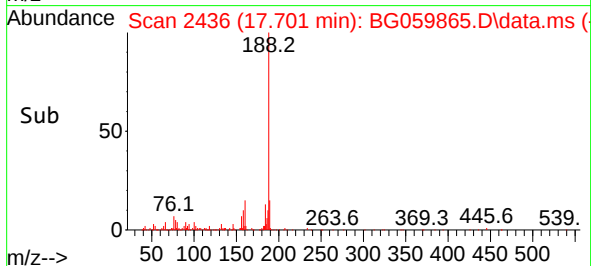
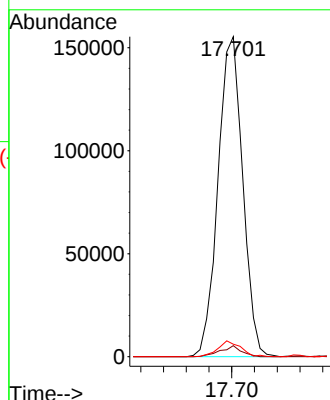
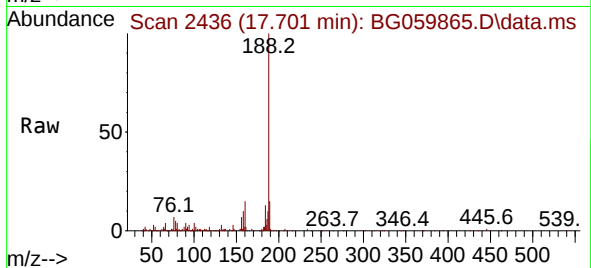
Tgt Ion:188 Resp: 234391

Ion Ratio Lower Upper

188 100

94 3.4 3.0 4.4

80 3.9 4.2 6.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.020 min Scan# 3171

Delta R.T. -0.014 min

Lab File: BG059865.D

Acq: 24 Nov 2023 19:42

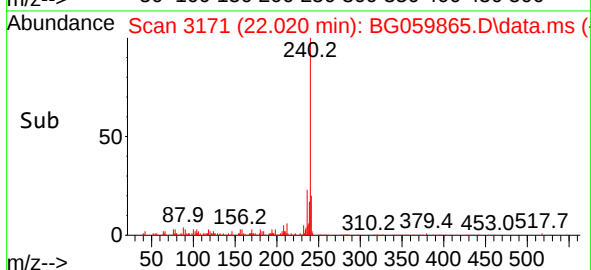
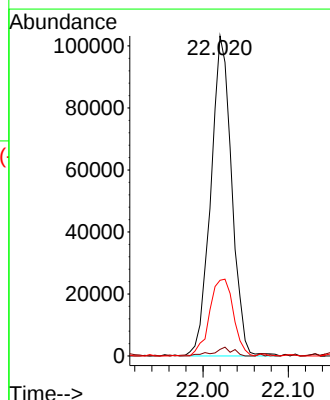
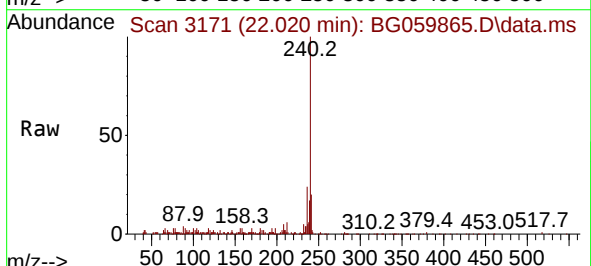
Tgt Ion:240 Resp: 175783

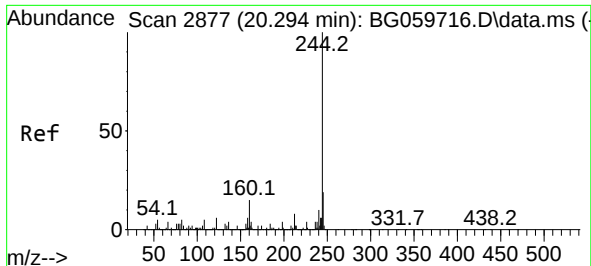
Ion Ratio Lower Upper

240 100

120 2.0 2.2 3.2#

236 23.7 19.4 29.2

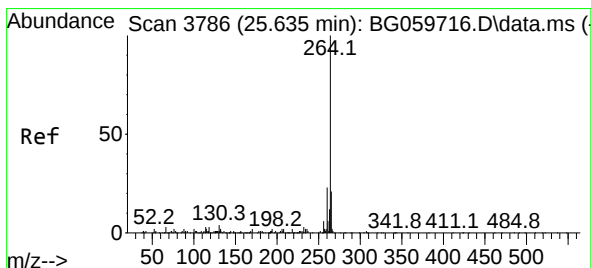
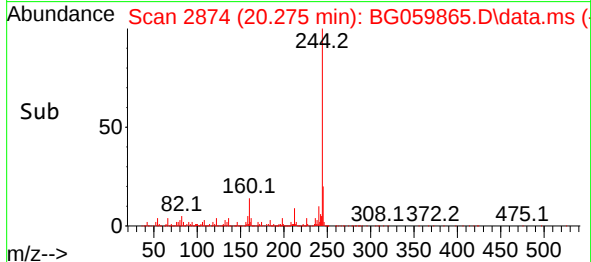
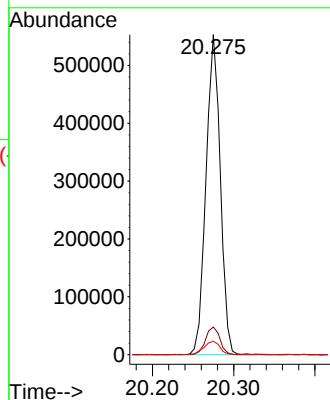
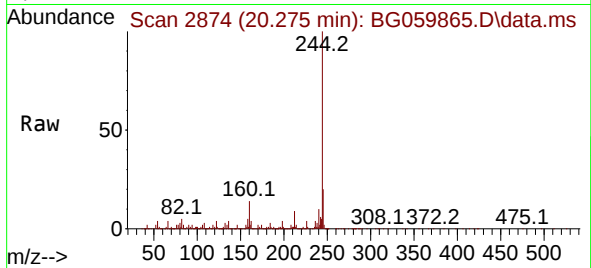




#79
 Terphenyl-d14
 Concen: 56.642 ng
 RT: 20.275 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG059865.D
 Acq: 24 Nov 2023 19:42

Instrument :
 BNA_G
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 WC-SED-03

Tgt Ion:244 Resp: 674465
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.6 10.0
 122 4.2 4.4 6.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.586 min Scan# 3778
 Delta R.T. -0.026 min
 Lab File: BG059865.D
 Acq: 24 Nov 2023 19:42

Tgt Ion:264 Resp: 200189
 Ion Ratio Lower Upper
 264 100
 260 21.1 18.5 27.7
 265 24.0 17.0 25.6

