

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112123\
 Data File : BG059809.D
 Acq On : 22 Nov 2023 2:30
 Operator : MA/JU
 Sample : 05380-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-8

Quant Time: Nov 22 03:08:04 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 17 01:51:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.334	152	20874	20.000	ng	0.00
21) Naphthalene-d8	11.184	136	86992	20.000	ng	# 0.00
39) Acenaphthene-d10	14.962	164	96458	20.000	ng	0.00
64) Phenanthrene-d10	17.712	188	243064	20.000	ng	# 0.00
76) Chrysene-d12	22.042	240	207851	20.000	ng	# 0.00
86) Perylene-d12	25.620	264	233234	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.831	112	168249	135.665	ng	0.00
7) Phenol-d6	7.459	99	232406	126.457	ng	0.00
23) Nitrobenzene-d5	9.533	82	231308	101.551	ng	0.00
42) 2,4,6-Tribromophenol	16.454	330	214008	195.542	ng	0.00
45) 2-Fluorobiphenyl	13.587	172	717564	100.134	ng	0.00
79) Terphenyl-d14	20.291	244	1653102	117.410	ng	0.00

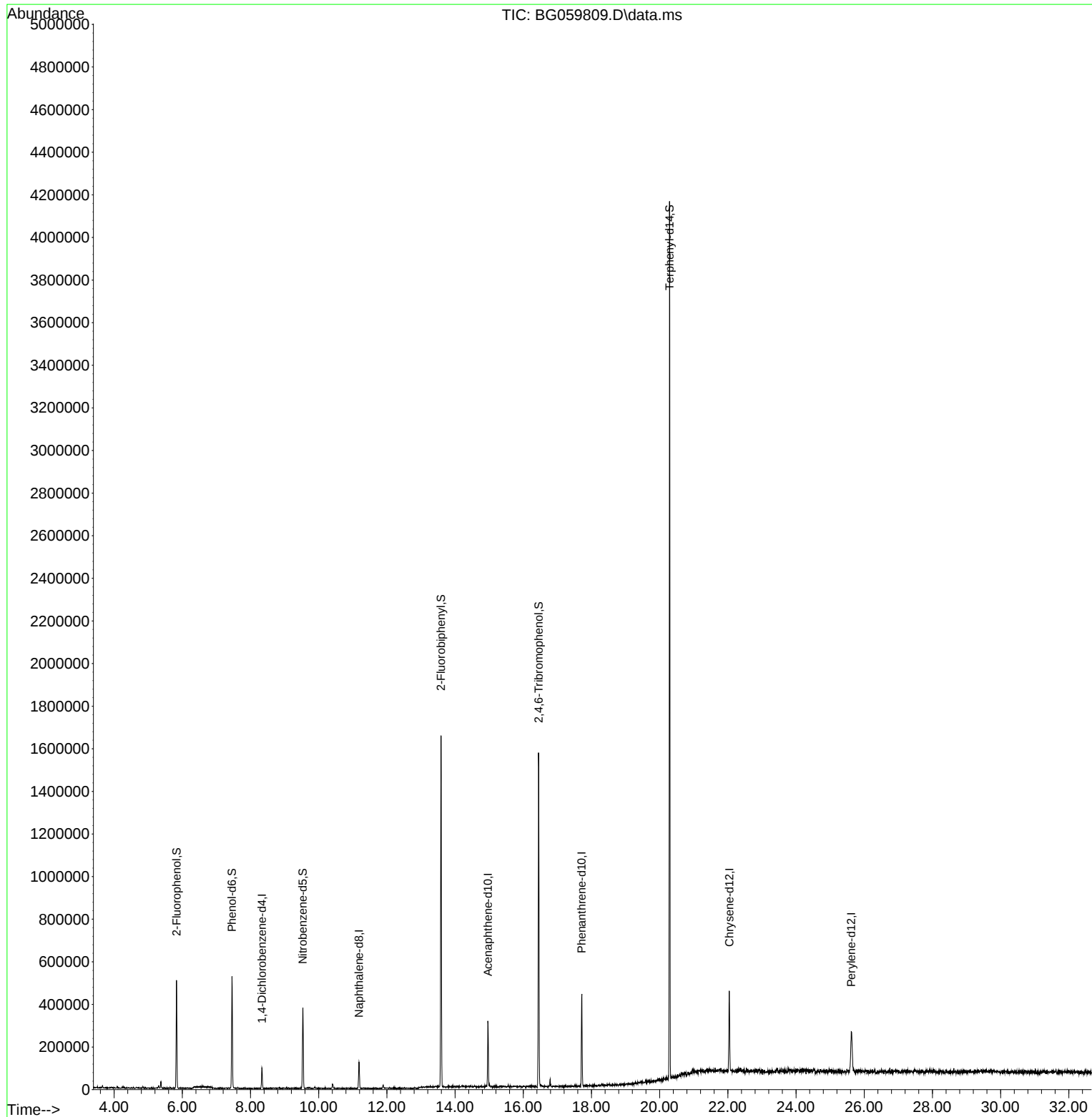
Target Compounds	Qvalue

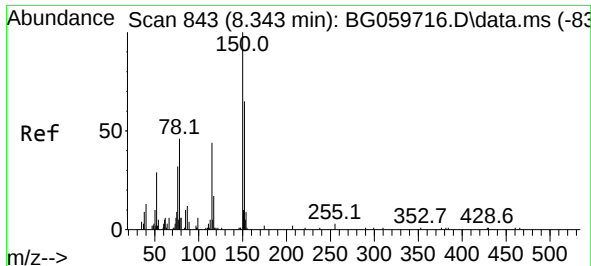
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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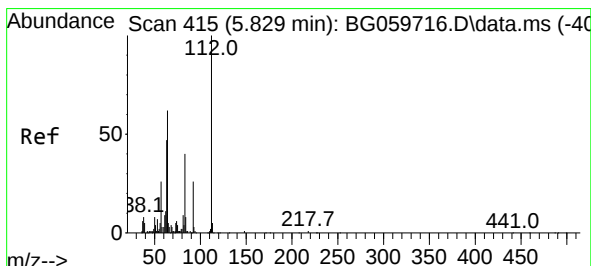
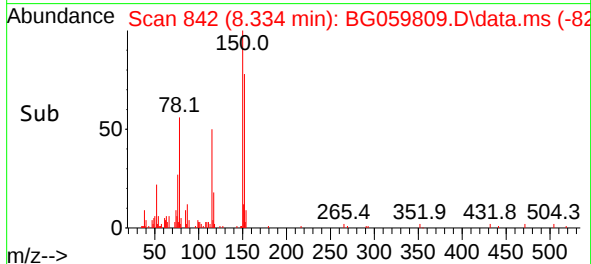
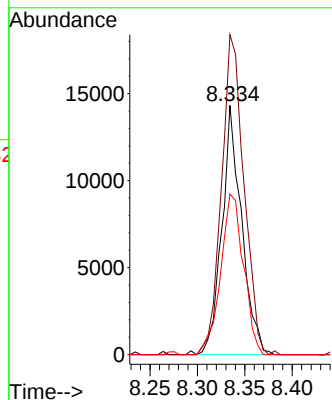
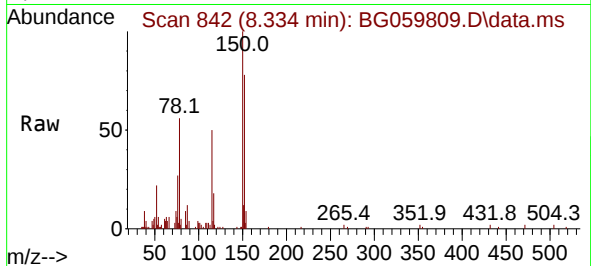




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.334 min Scan# 84
Delta R.T. -0.009 min
Lab File: BG059809.D
Acq: 22 Nov 2023 2:30

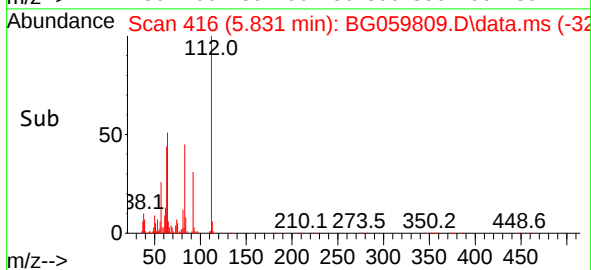
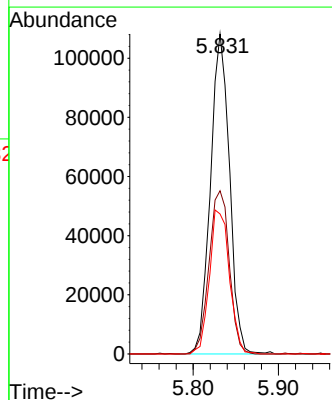
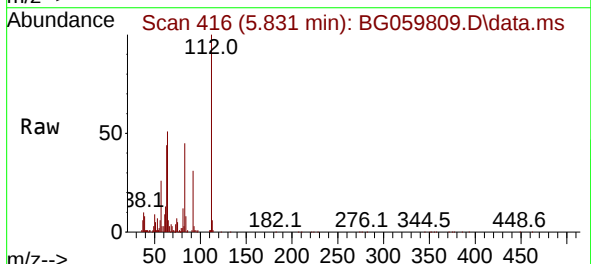
Instrument :
BNA_G
ClientSampleId :
WC-8

Tgt Ion:152 Resp: 20874
Ion Ratio Lower Upper
152 100
150 128.4 122.2 183.4
115 64.4 54.2 81.4



#5
2-Fluorophenol
Concen: 135.665 ng
RT: 5.831 min Scan# 416
Delta R.T. 0.003 min
Lab File: BG059809.D
Acq: 22 Nov 2023 2:30

Tgt Ion:112 Resp: 168249
Ion Ratio Lower Upper
112 100
64 51.0 49.5 74.3
63 43.7 37.4 56.2

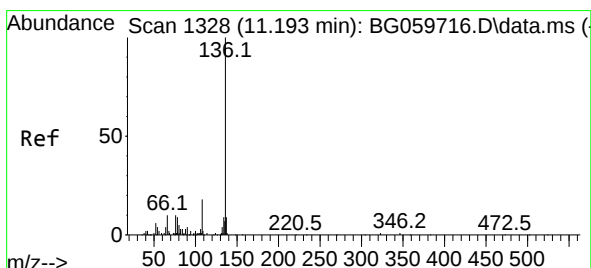
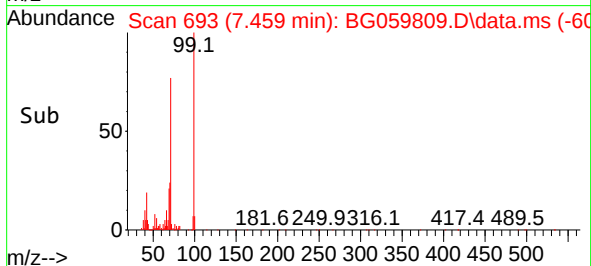
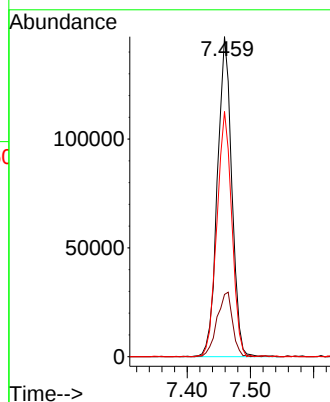
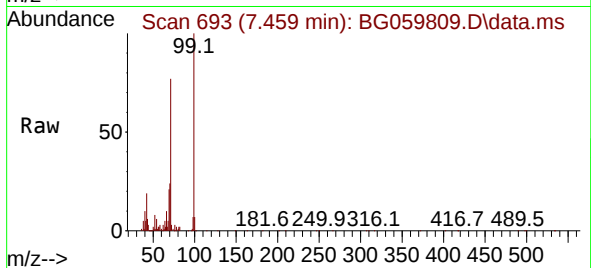




#7
Phenol-d6
Concen: 126.457 ng
RT: 7.459 min Scan# 693
Delta R.T. 0.003 min
Lab File: BG059809.D
Acq: 22 Nov 2023 2:30

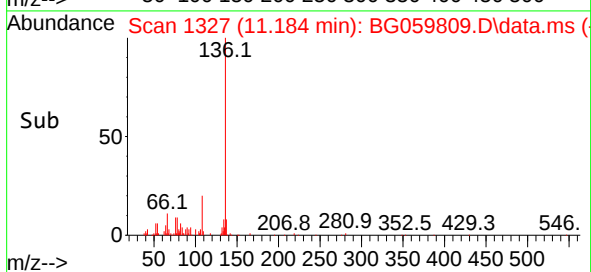
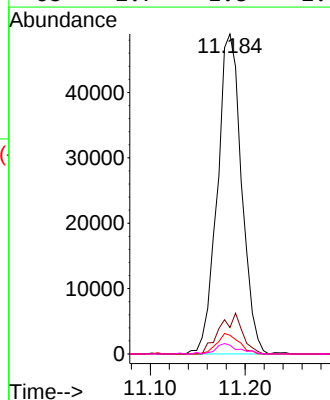
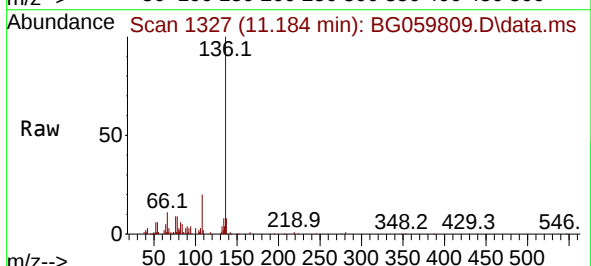
Instrument :
BNA_G
ClientSampleId :
WC-8

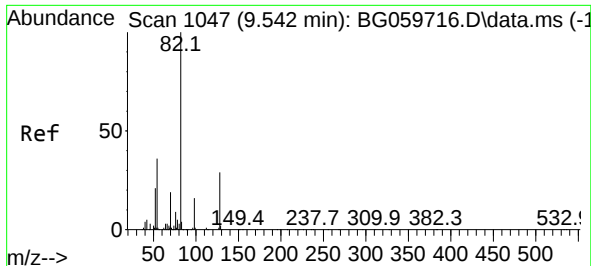
Tgt Ion: 99 Resp: 232406
Ion Ratio Lower Upper
99 100
42 19.5 14.3 21.5
71 76.6 59.3 88.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.184 min Scan# 1327
Delta R.T. -0.009 min
Lab File: BG059809.D
Acq: 22 Nov 2023 2:30

Tgt Ion:136 Resp: 86992
Ion Ratio Lower Upper
136 100
137 8.2 7.4 11.0
54 5.9 3.1 4.7#
68 2.7 1.8 2.8





#23

Nitrobenzene-d5

Concen: 101.551 ng

RT: 9.533 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG059809.D

Acq: 22 Nov 2023 2:30

Instrument :

BNA_G

ClientSampleId :

WC-8

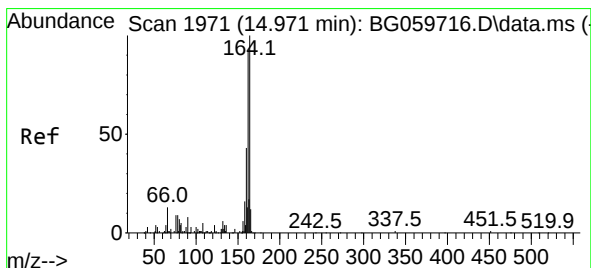
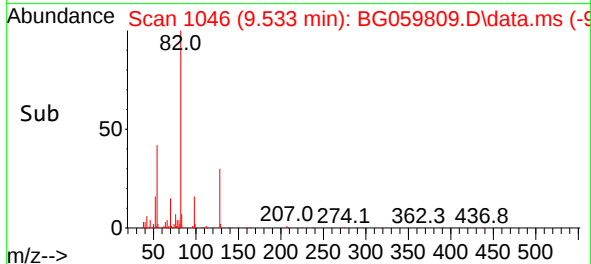
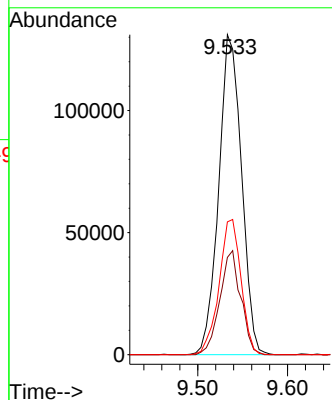
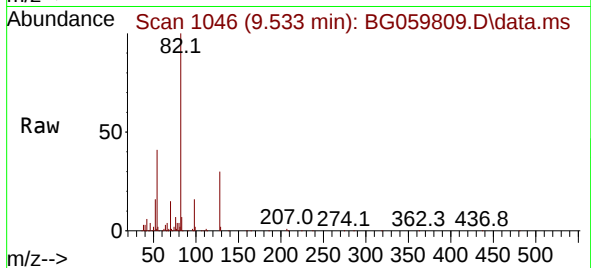
Tgt Ion: 82 Resp: 231308

Ion Ratio Lower Upper

82 100

128 30.4 23.0 34.6

54 41.5 28.7 43.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.962 min Scan# 1970

Delta R.T. -0.009 min

Lab File: BG059809.D

Acq: 22 Nov 2023 2:30

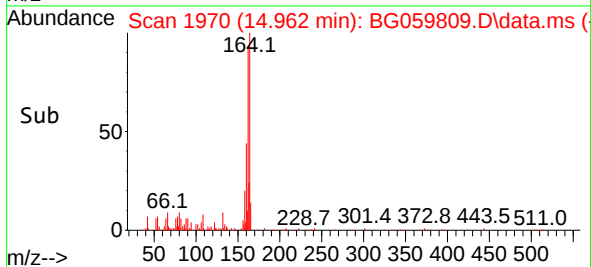
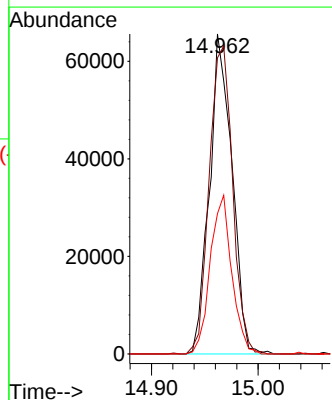
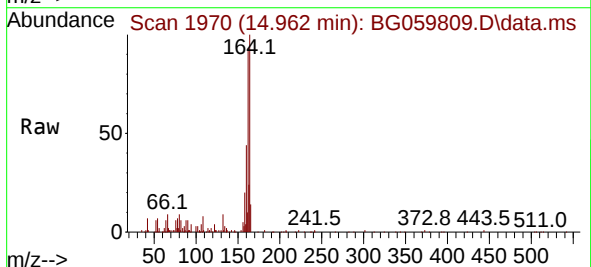
Tgt Ion:164 Resp: 96458

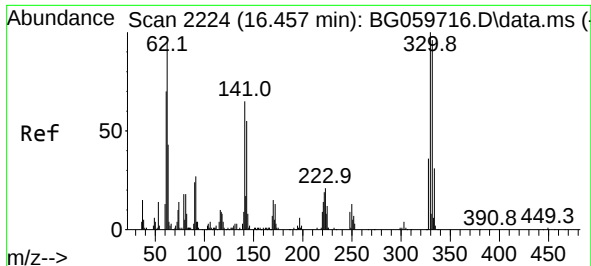
Ion Ratio Lower Upper

164 100

162 92.6 73.3 109.9

160 43.8 34.1 51.1

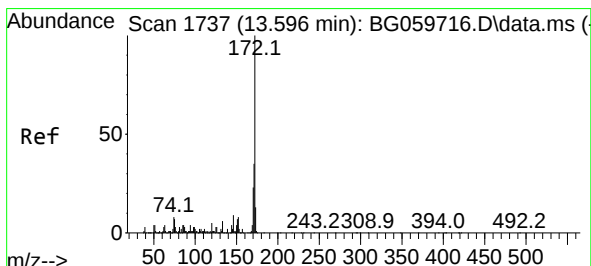
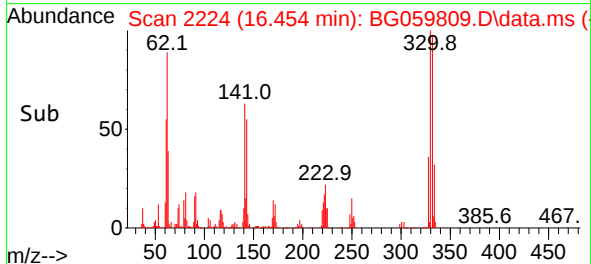
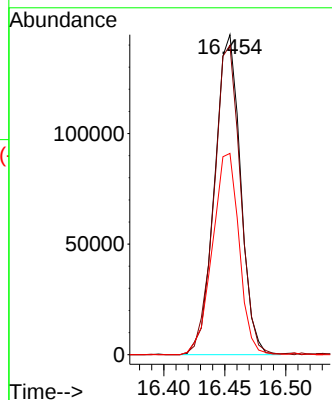
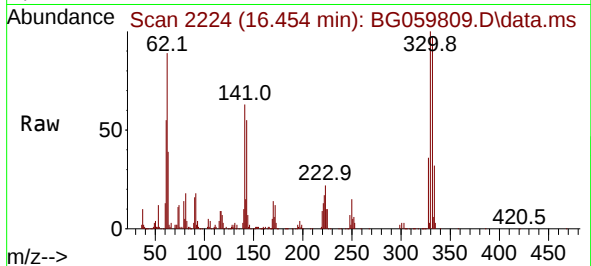




#42
2,4,6-Tribromophenol
Concen: 195.542 ng
RT: 16.454 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG059809.D
Acq: 22 Nov 2023 2:30

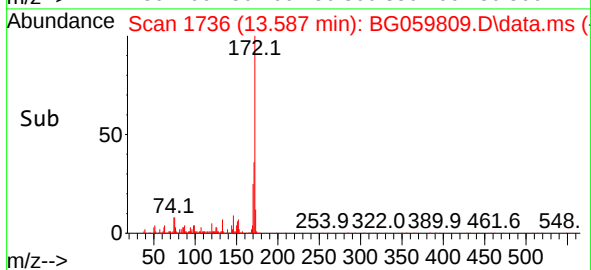
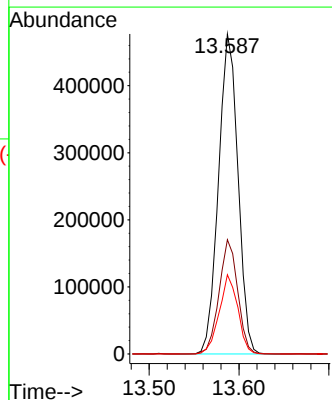
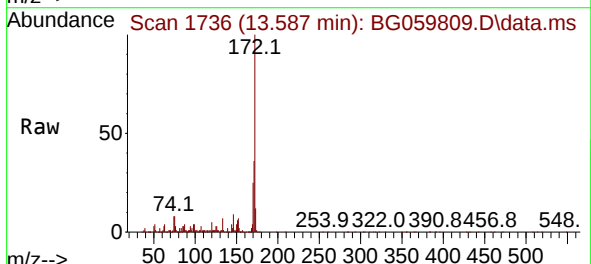
Instrument :
BNA_G
ClientSampleId :
WC-8

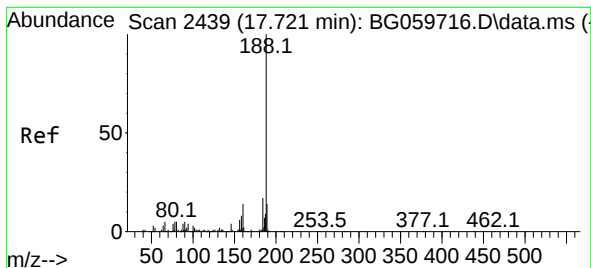
Tgt Ion:330 Resp: 214008
Ion Ratio Lower Upper
330 100
332 98.1 73.3 109.9
141 64.7 52.1 78.1



#45
2-Fluorobiphenyl
Concen: 100.134 ng
RT: 13.587 min Scan# 1736
Delta R.T. -0.009 min
Lab File: BG059809.D
Acq: 22 Nov 2023 2:30

Tgt Ion:172 Resp: 717564
Ion Ratio Lower Upper
172 100
171 35.7 27.7 41.5
170 24.8 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.712 min Scan# 2439

Delta R.T. -0.009 min

Lab File: BG059809.D

Acq: 22 Nov 2023 2:30

Instrument :

BNA_G

ClientSampleId :

WC-8

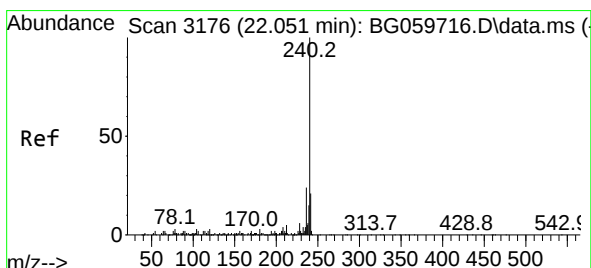
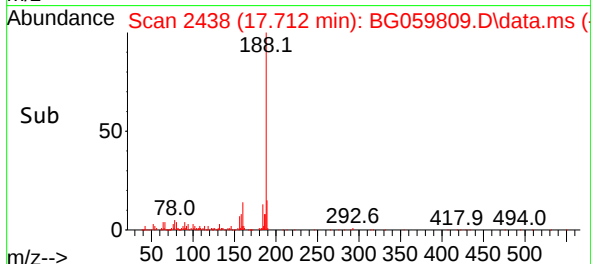
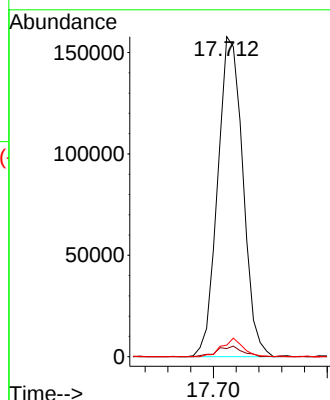
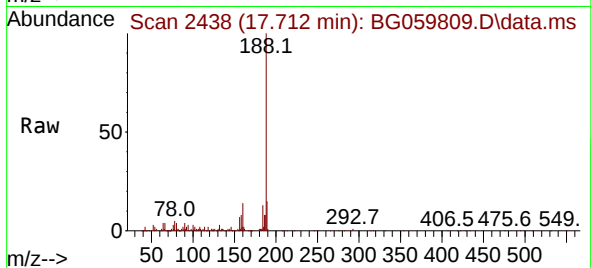
Tgt Ion:188 Resp: 243064

Ion Ratio Lower Upper

188 100

94 2.5 3.0 4.4#

80 3.6 4.2 6.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.042 min Scan# 3175

Delta R.T. -0.009 min

Lab File: BG059809.D

Acq: 22 Nov 2023 2:30

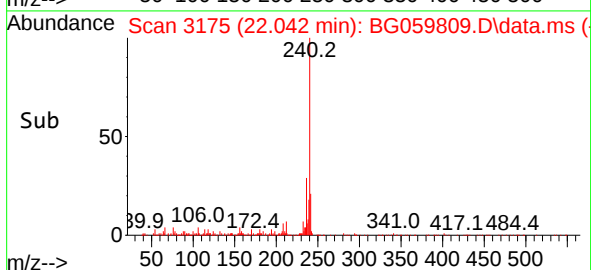
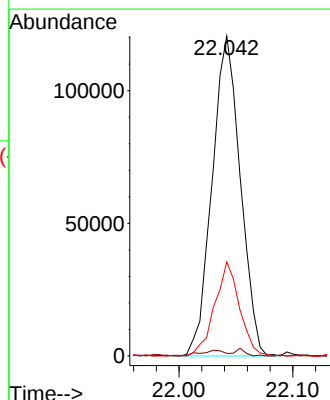
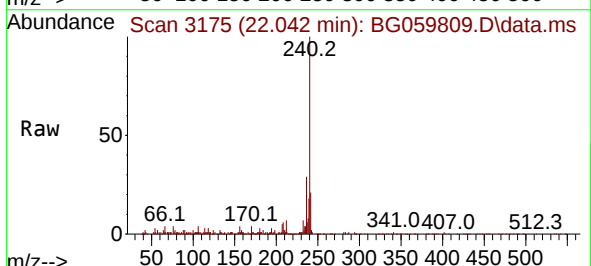
Tgt Ion:240 Resp: 207851

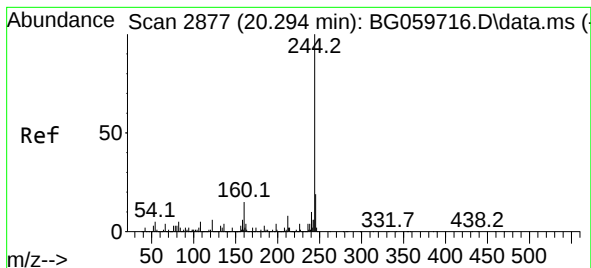
Ion Ratio Lower Upper

240 100

120 1.4 2.2 3.2#

236 29.4 19.4 29.2#





#79

Terphenyl-d14

Concen: 117.410 ng

RT: 20.291 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG059809.D

Acq: 22 Nov 2023 2:30

Instrument :

BNA_G

ClientSampleId :

WC-8

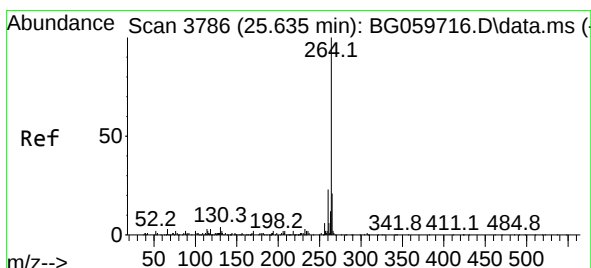
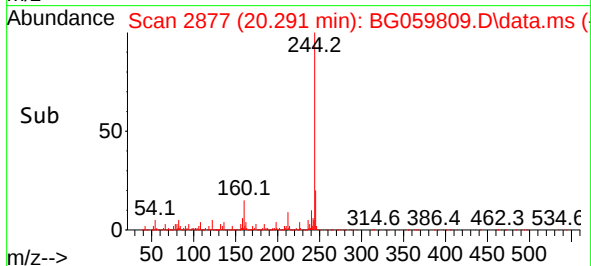
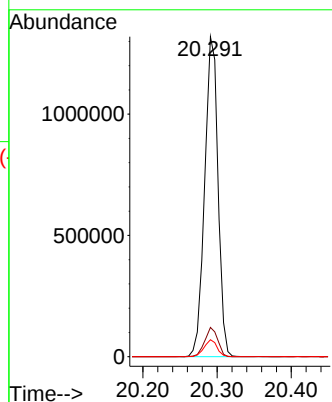
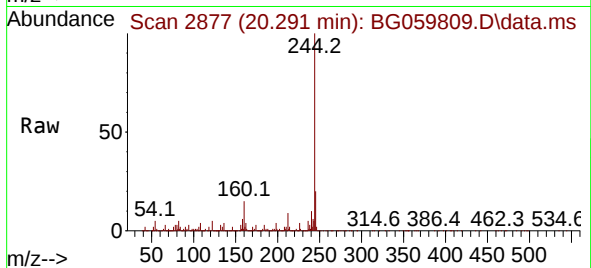
Tgt Ion:244 Resp: 1653102

Ion Ratio Lower Upper

244 100

212 9.2 6.6 10.0

122 5.3 4.4 6.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.620 min Scan# 3784

Delta R.T. -0.015 min

Lab File: BG059809.D

Acq: 22 Nov 2023 2:30

Tgt Ion:264 Resp: 233234

Ion Ratio Lower Upper

264 100

260 23.0 18.5 27.7

265 19.2 17.0 25.6

