

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
 Data File : BG059737.D
 Acq On : 17 Nov 2023 19:32
 Operator : MA/JU
 Sample : 05331-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-06

Quant Time: Nov 18 04:19:25 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	8.335	152	18482	20.000	ng	# 0.00
21) Naphthalene-d8	11.190	136	92872	20.000	ng	# 0.00
39) Acenaphthene-d10	14.962	164	69274	20.000	ng	0.00
64) Phenanthrene-d10	17.718	188	166859	20.000	ng	0.00
76) Chrysene-d12	22.042	240	155895	20.000	ng	# 0.00
86) Perylene-d12	25.626	264	213548	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.832	112	75075	68.370	ng	0.00
7) Phenol-d6	7.460	99	66961	41.150	ng	0.00
23) Nitrobenzene-d5	9.539	82	227259	93.456	ng	0.00
42) 2,4,6-Tribromophenol	16.455	330	136423	173.566	ng	0.00
45) 2-Fluorobiphenyl	13.594	172	494146	96.016	ng	0.00
79) Terphenyl-d14	20.297	244	1036928	98.192	ng	0.00

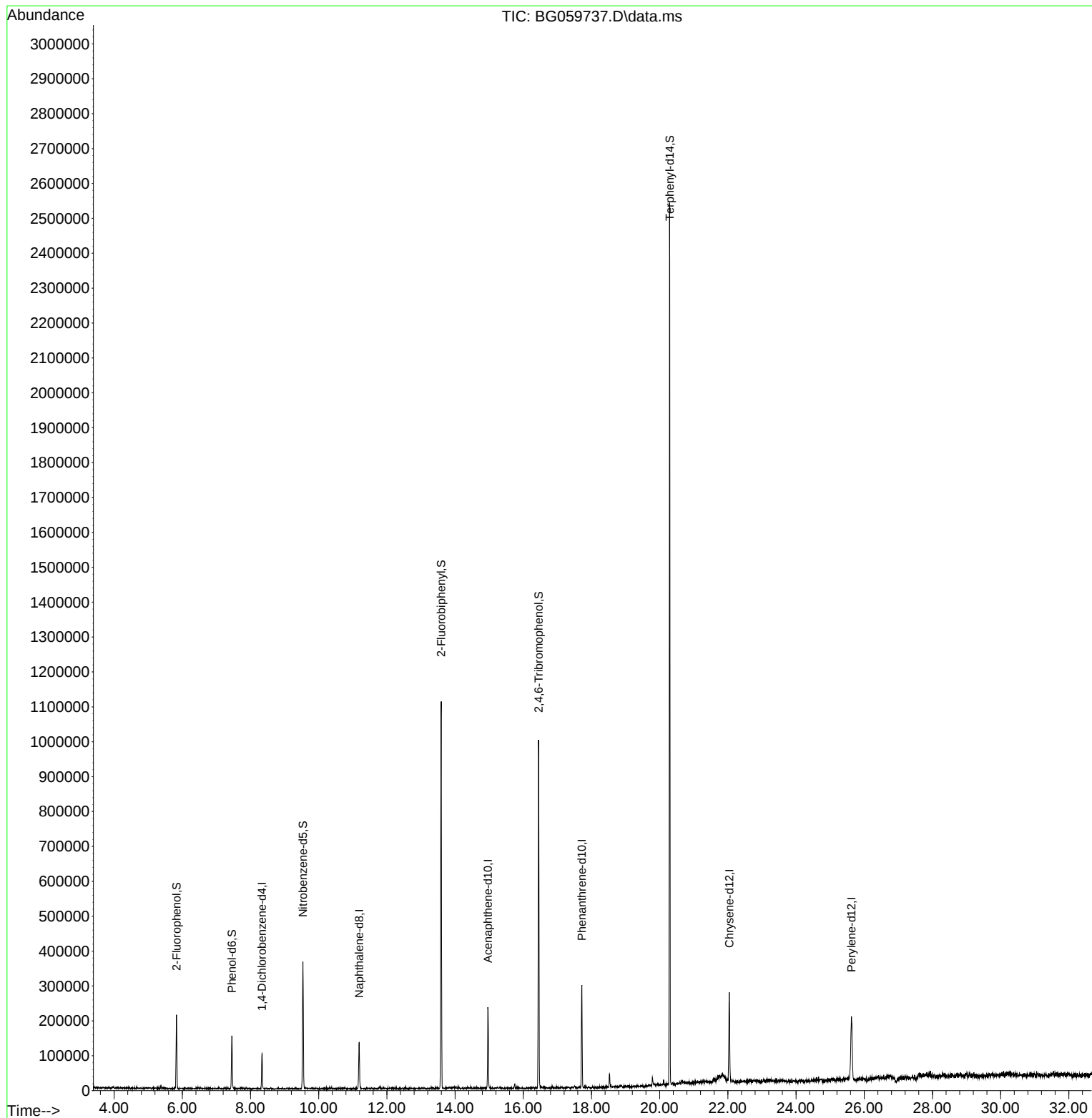
Target Compounds	Qvalue

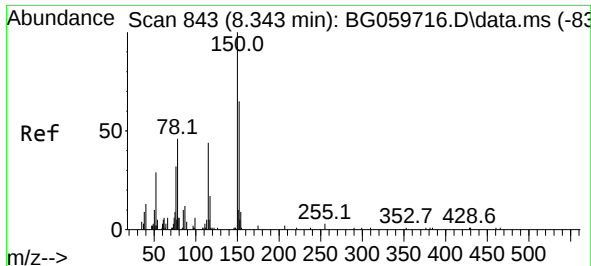
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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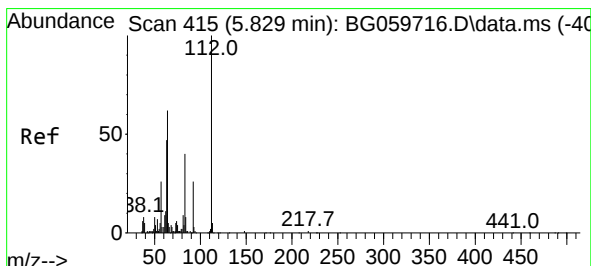
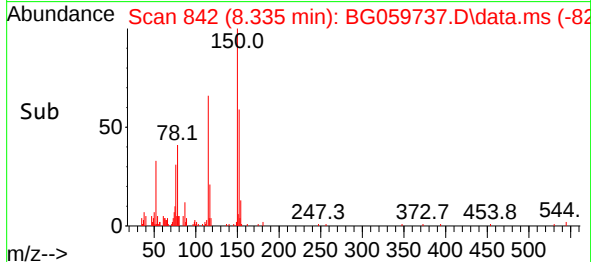
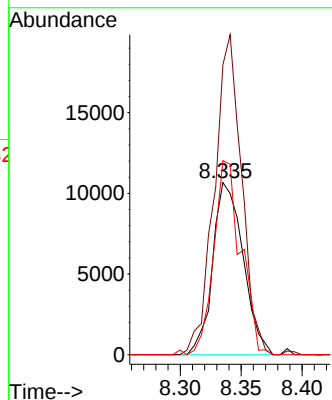
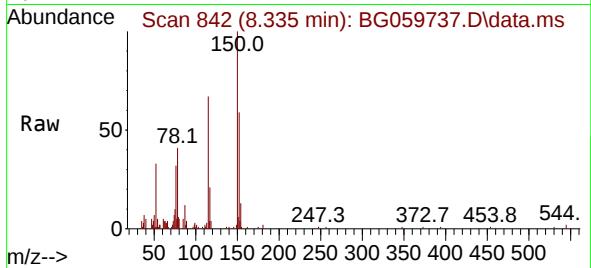




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.335 min Scan# 84
Delta R.T. -0.008 min
Lab File: BG059737.D
Acq: 17 Nov 2023 19:32

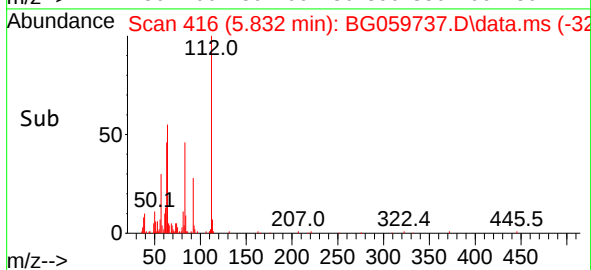
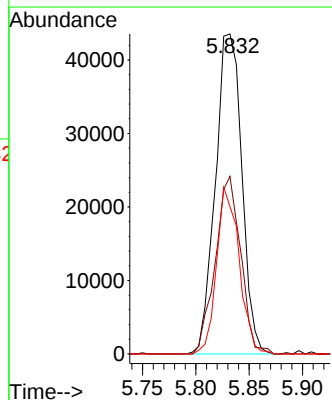
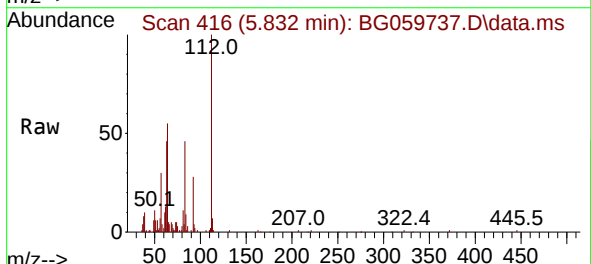
Instrument :
BNA_G
ClientSampleId :
MW-06

Tgt Ion:152 Resp: 18482
Ion Ratio Lower Upper
152 100
150 168.4 122.2 183.4
115 112.7 54.2 81.4#



#5
2-Fluorophenol
Concen: 68.370 ng
RT: 5.832 min Scan# 416
Delta R.T. 0.003 min
Lab File: BG059737.D
Acq: 17 Nov 2023 19:32

Tgt Ion:112 Resp: 75075
Ion Ratio Lower Upper
112 100
64 55.5 49.5 74.3
63 46.0 37.4 56.2

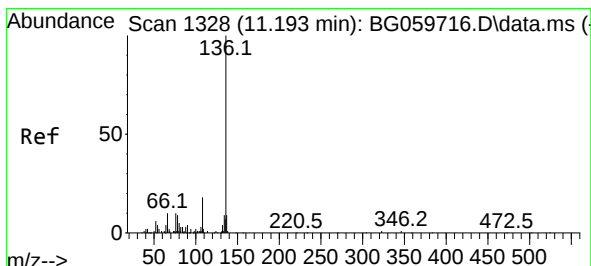
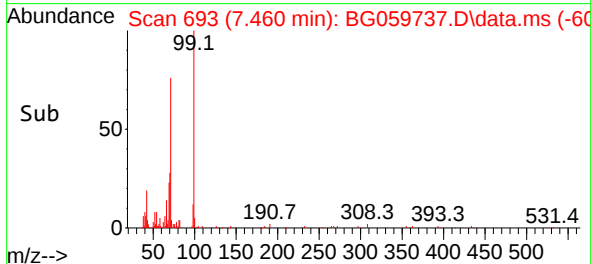
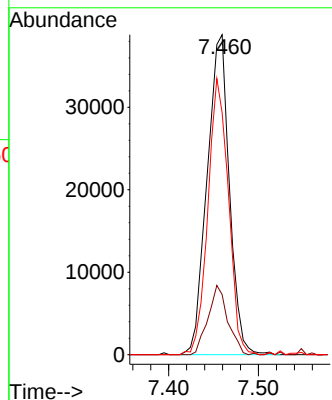
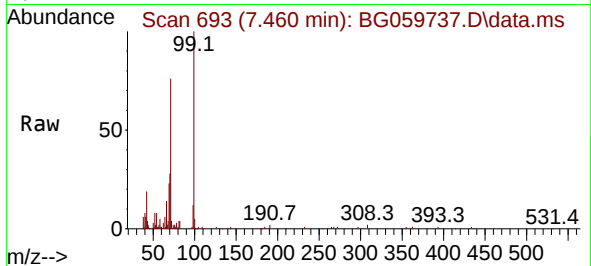




#7
Phenol-d6
Concen: 41.150 ng
RT: 7.460 min Scan# 692
Delta R.T. 0.003 min
Lab File: BG059737.D
Acq: 17 Nov 2023 19:32

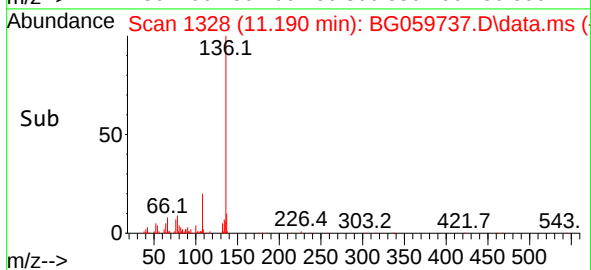
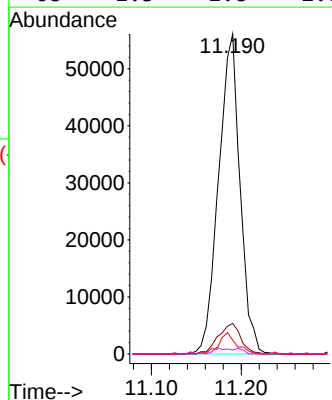
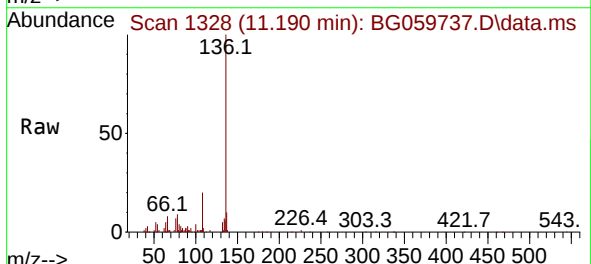
Instrument :
BNA_G
ClientSampleId :
MW-06

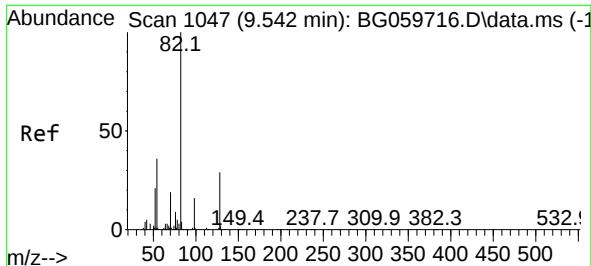
Tgt Ion: 99 Resp: 66961
Ion Ratio Lower Upper
99 100
42 18.8 14.3 21.5
71 75.6 59.3 88.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.190 min Scan# 1328
Delta R.T. -0.003 min
Lab File: BG059737.D
Acq: 17 Nov 2023 19:32

Tgt Ion: 136 Resp: 92872
Ion Ratio Lower Upper
136 100
137 9.5 7.4 11.0
54 4.4 3.1 4.7
68 1.3 1.8 2.8

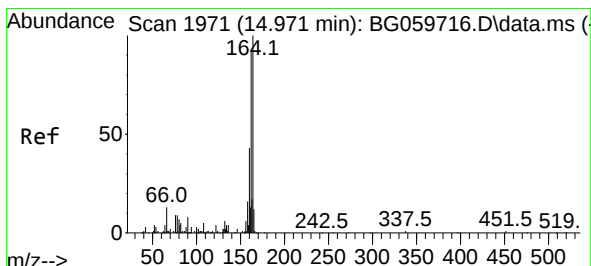
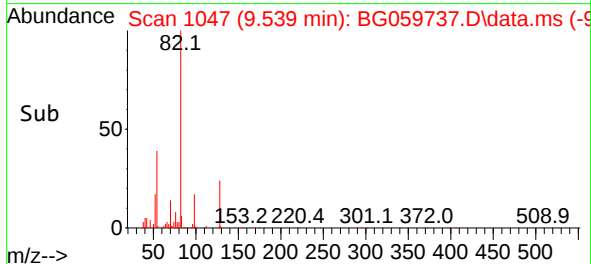
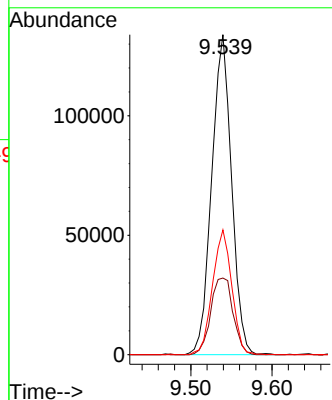
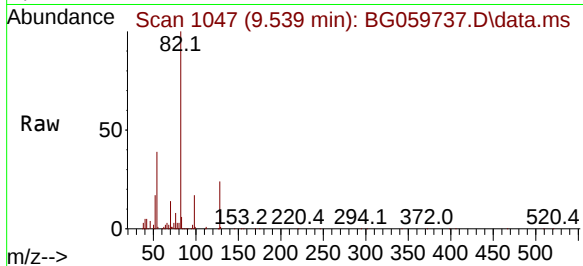




#23
Nitrobenzene-d5
Concen: 93.456 ng
RT: 9.539 min Scan# 1047
Delta R.T. -0.003 min
Lab File: BG059737.D
Acq: 17 Nov 2023 19:32

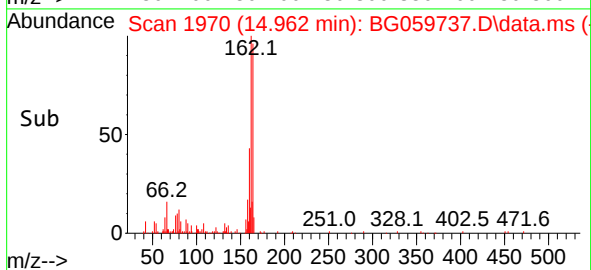
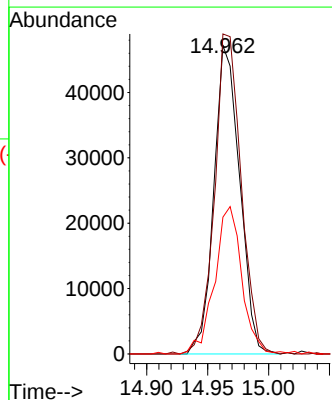
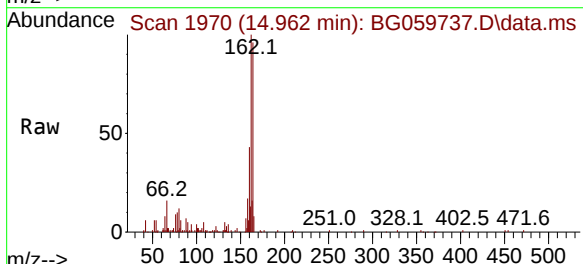
Instrument :
BNA_G
ClientSampleId :
MW-06

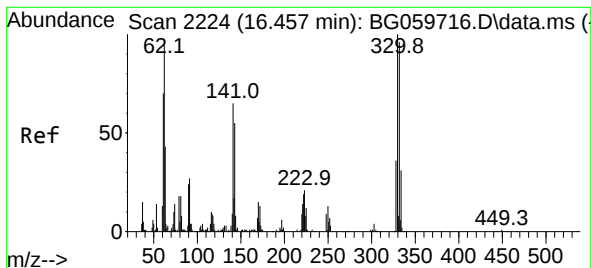
Tgt Ion: 82 Resp: 227259
Ion Ratio Lower Upper
82 100
128 23.9 23.0 34.6
54 39.0 28.7 43.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.962 min Scan# 1970
Delta R.T. -0.008 min
Lab File: BG059737.D
Acq: 17 Nov 2023 19:32

Tgt Ion:164 Resp: 69274
Ion Ratio Lower Upper
164 100
162 103.7 73.3 109.9
160 44.4 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 173.566 ng

RT: 16.455 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG059737.D

Acq: 17 Nov 2023 19:32

Instrument :

BNA_G

ClientSampleId :

MW-06

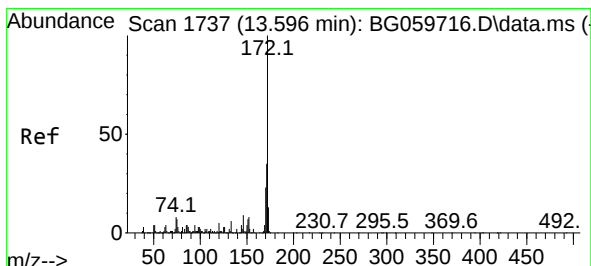
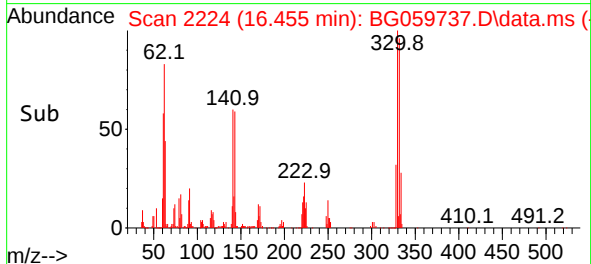
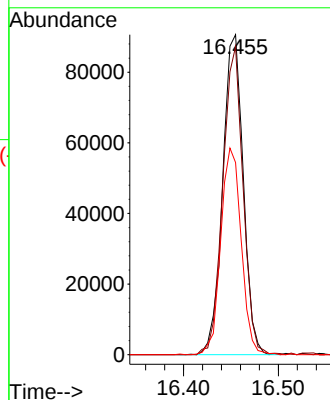
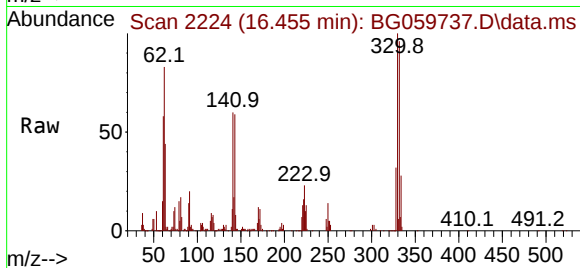
Tgt Ion:330 Resp: 136423

Ion Ratio Lower Upper

330 100

332 94.8 73.3 109.9

141 64.3 52.1 78.1



#45

2-Fluorobiphenyl

Concen: 96.016 ng

RT: 13.594 min Scan# 1737

Delta R.T. -0.003 min

Lab File: BG059737.D

Acq: 17 Nov 2023 19:32

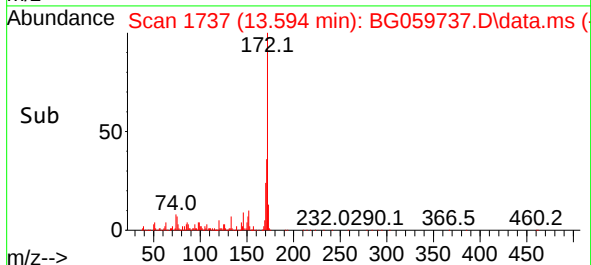
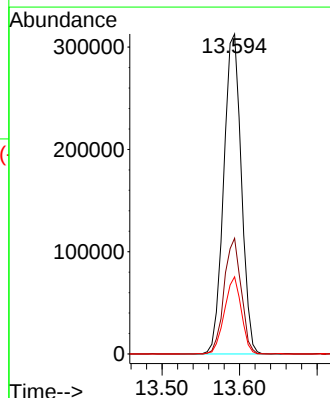
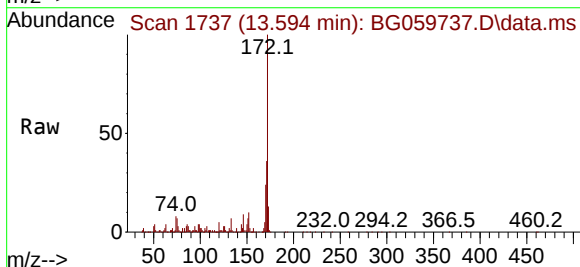
Tgt Ion:172 Resp: 494146

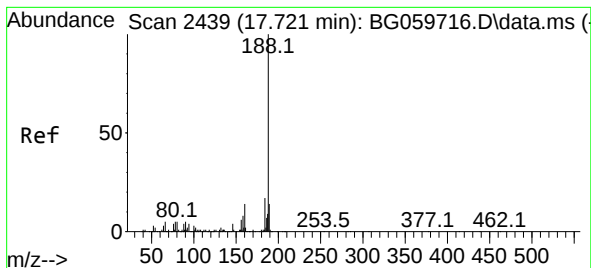
Ion Ratio Lower Upper

172 100

171 36.2 27.7 41.5

170 24.1 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.718 min Scan# 24

Delta R.T. -0.003 min

Lab File: BG059737.D

Acq: 17 Nov 2023 19:32

Instrument :

BNA_G

ClientSampleId :

MW-06

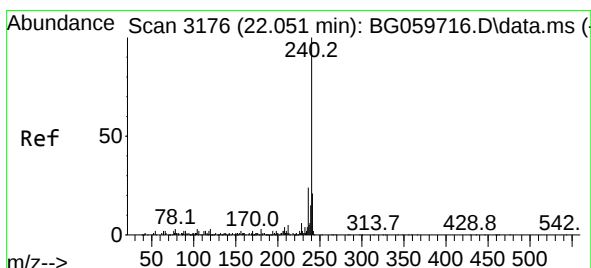
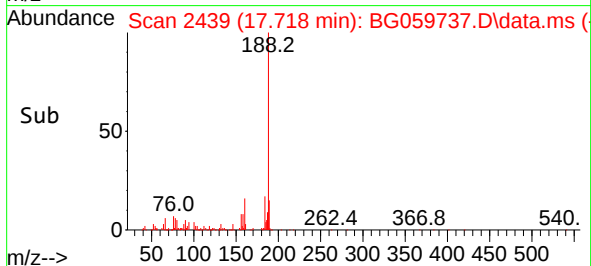
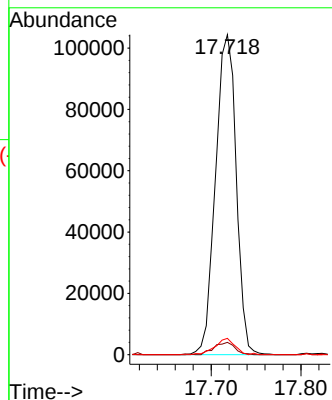
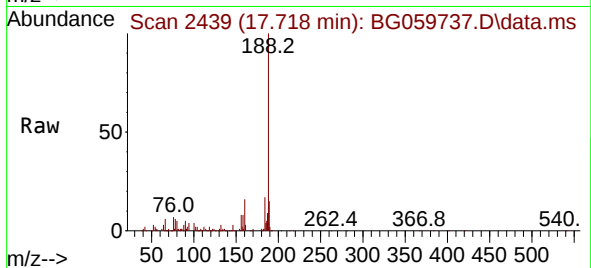
Tgt Ion:188 Resp: 166859

Ion Ratio Lower Upper

188 100

94 3.9 3.0 4.4

80 5.1 4.2 6.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.042 min Scan# 3175

Delta R.T. -0.008 min

Lab File: BG059737.D

Acq: 17 Nov 2023 19:32

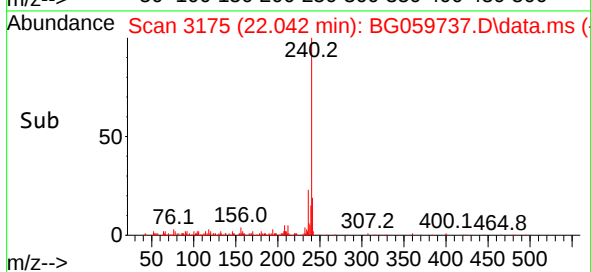
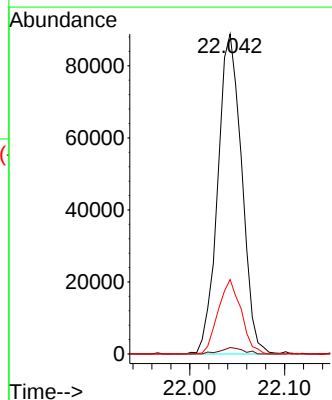
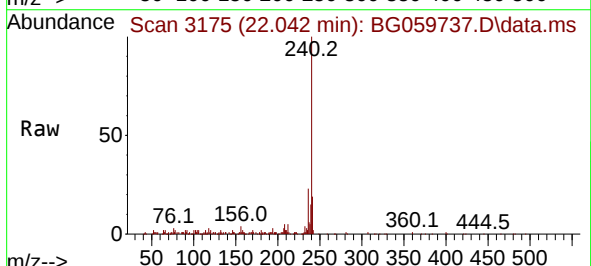
Tgt Ion:240 Resp: 155895

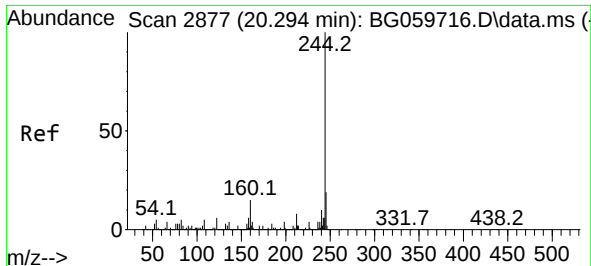
Ion Ratio Lower Upper

240 100

120 2.0 2.2 3.2#

236 23.3 19.4 29.2

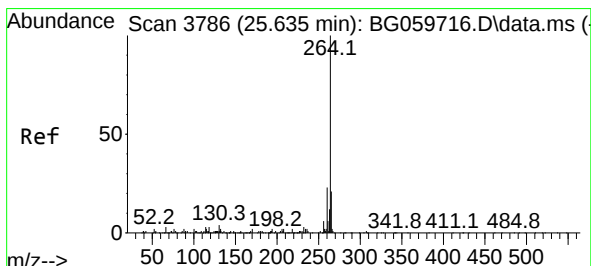
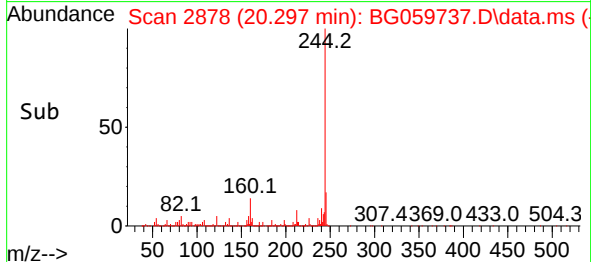
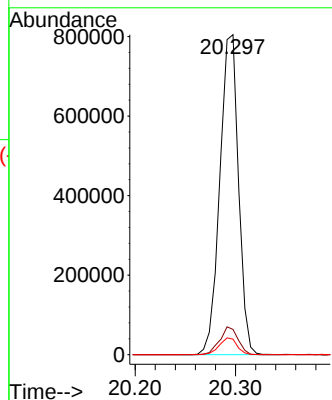
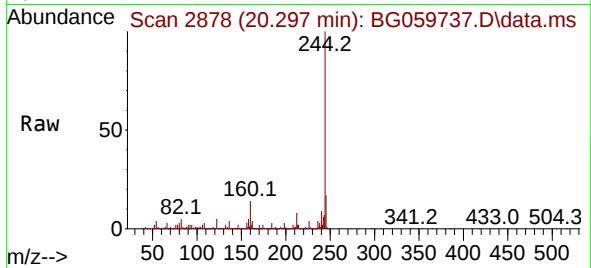




#79
 Terphenyl-d14
 Concen: 98.192 ng
 RT: 20.297 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG059737.D
 Acq: 17 Nov 2023 19:32

Instrument :
 BNA_G
 ClientSampleId :
 MW-06

Tgt Ion:244 Resp: 1036928
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.6 10.0
 122 4.8 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.626 min Scan# 3785
 Delta R.T. -0.008 min
 Lab File: BG059737.D
 Acq: 17 Nov 2023 19:32

Tgt Ion:264 Resp: 213548
 Ion Ratio Lower Upper
 264 100
 260 26.8 18.5 27.7
 265 15.7 17.0 25.6#

