

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
 Data File : BG059739.D
 Acq On : 17 Nov 2023 20:53
 Operator : MA/JU
 Sample : 05345-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 18 04:21:04 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)

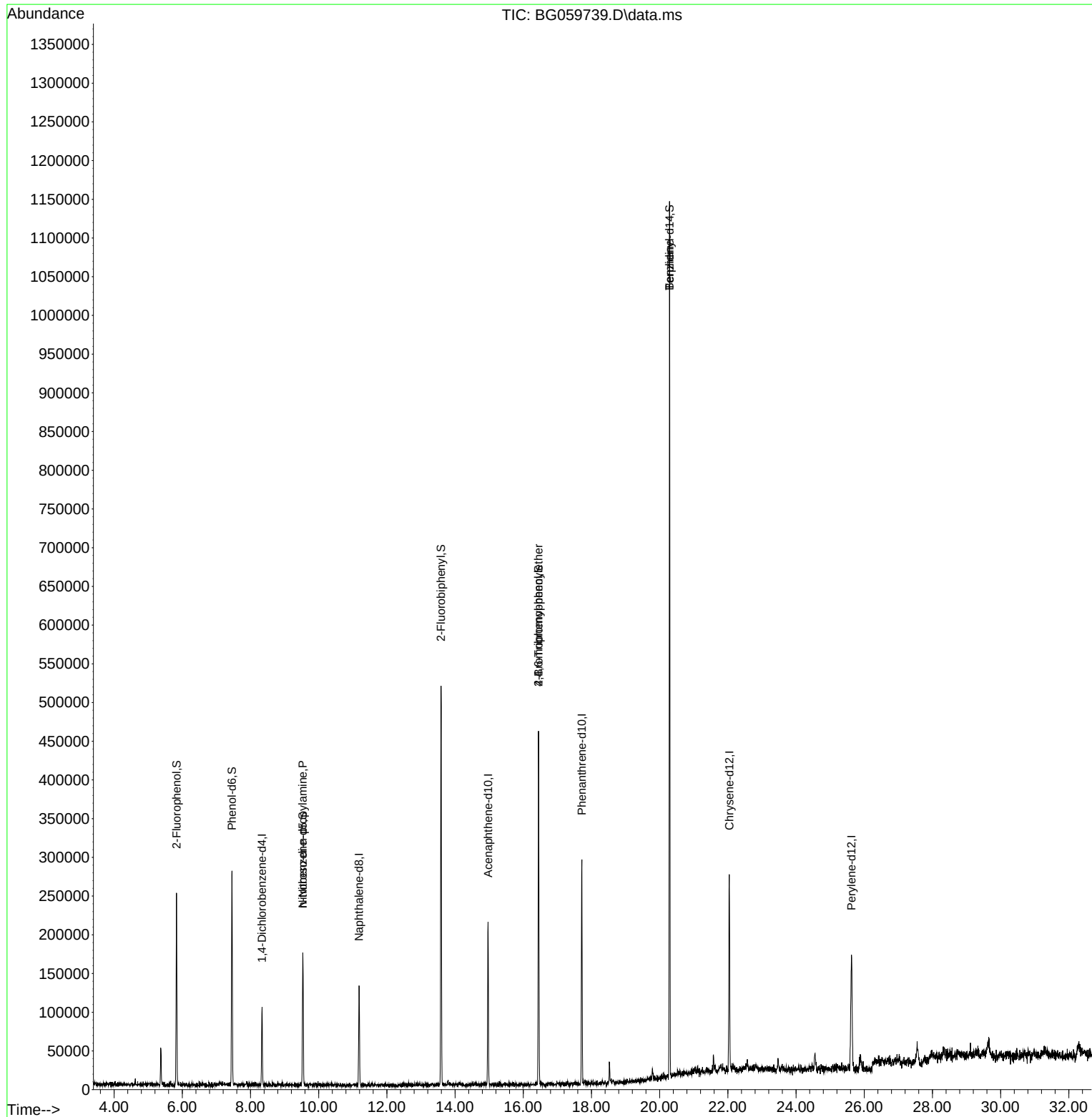
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.341	152	19677	20.000	ng	0.00
21) Naphthalene-d8	11.185	136	90425	20.000	ng	# 0.00
39) Acenaphthene-d10	14.968	164	64139	20.000	ng	0.00
64) Phenanthrene-d10	17.718	188	159766	20.000	ng	# 0.00
76) Chrysene-d12	22.042	240	148477	20.000	ng	# 0.00
86) Perylene-d12	25.626	264	174055	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.832	112	84262	72.076	ng	0.00
7) Phenol-d6	7.454	99	125690	72.551	ng	0.00
23) Nitrobenzene-d5	9.534	82	108588	45.863	ng	0.00
42) 2,4,6-Tribromophenol	16.449	330	58513	80.404	ng	0.00
45) 2-Fluorobiphenyl	13.588	172	224261	47.064	ng	0.00
79) Terphenyl-d14	20.291	244	452072	44.948	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.534	70	16436	12.047	ng	# 87
67) 4-Bromophenyl-phenylether	16.449	248	3957	2.305	ng	# 1
77) Benzidine	20.291	184	13386	3.976	ng	# 93

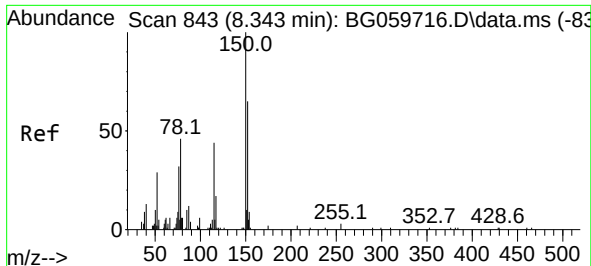
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
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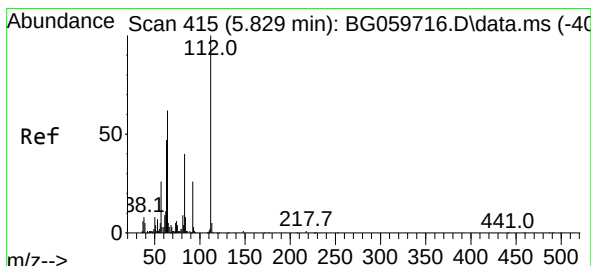
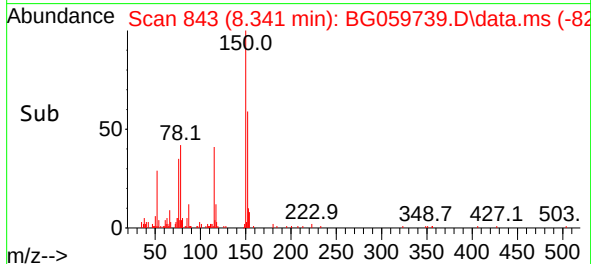
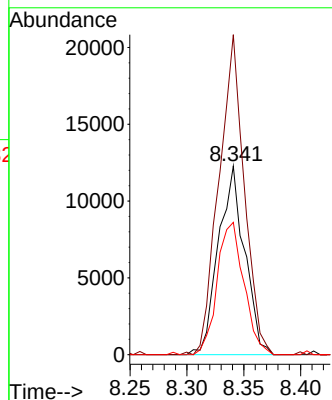
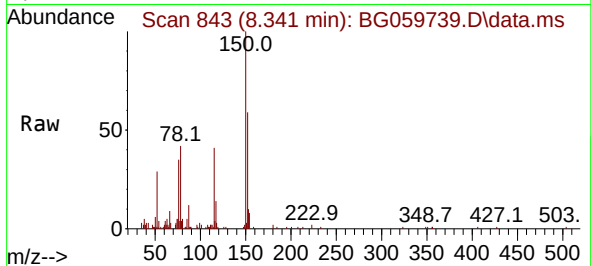




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.341 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG059739.D
Acq: 17 Nov 2023 20:53

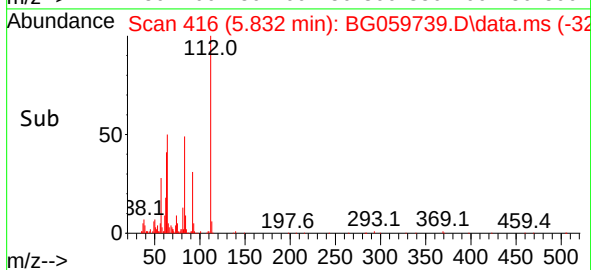
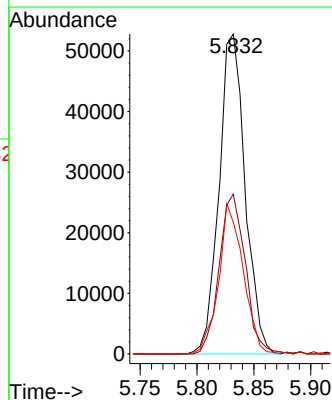
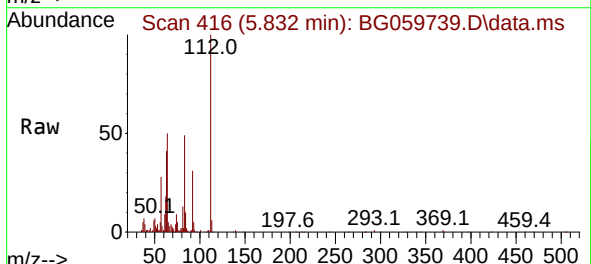
Instrument :
BNA_G
ClientSampleId :

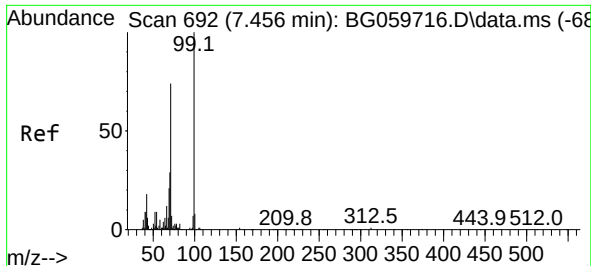
Tgt Ion:152 Resp: 19677
Ion Ratio Lower Upper
152 100
150 169.7 122.2 183.4
115 70.2 54.2 81.4



#5
2-Fluorophenol
Concen: 72.076 ng
RT: 5.832 min Scan# 416
Delta R.T. 0.003 min
Lab File: BG059739.D
Acq: 17 Nov 2023 20:53

Tgt Ion:112 Resp: 84262
Ion Ratio Lower Upper
112 100
64 49.9 49.5 74.3
63 41.1 37.4 56.2

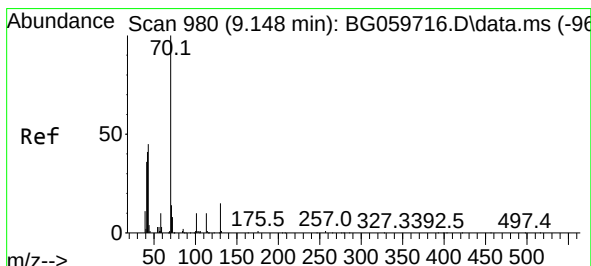
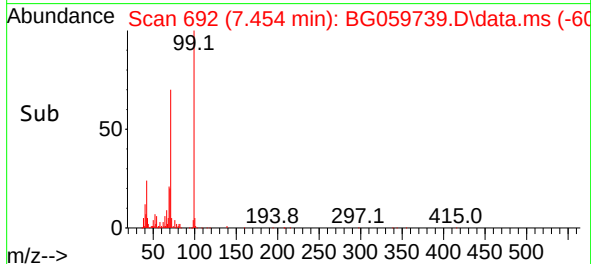
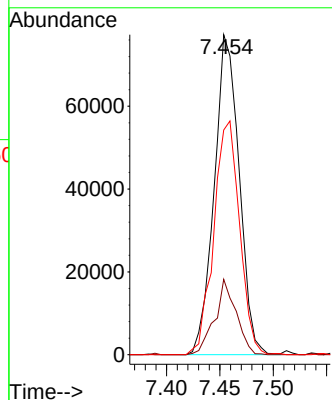
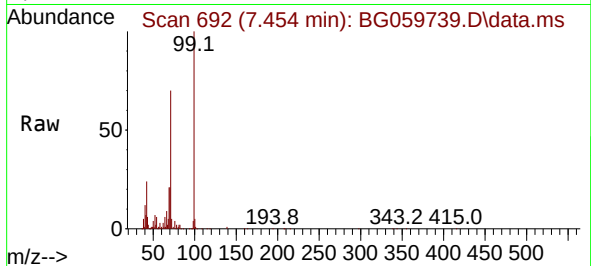




#7
Phenol-d6
Concen: 72.551 ng
RT: 7.454 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG059739.D
Acq: 17 Nov 2023 20:53

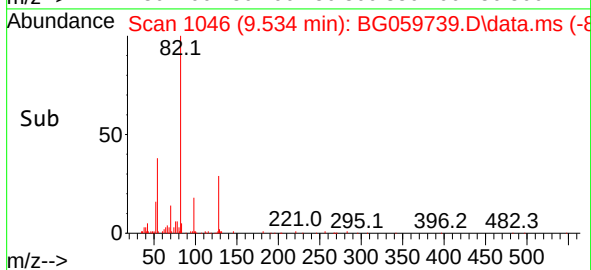
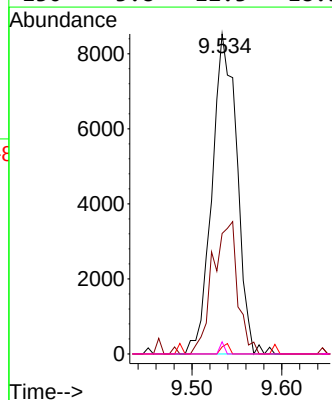
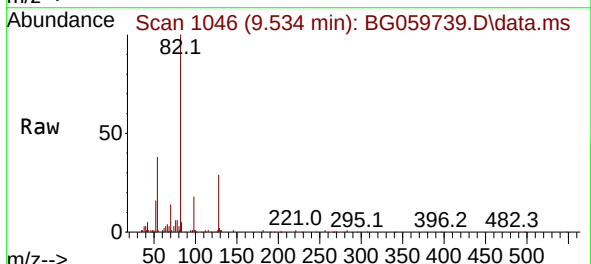
Instrument :
BNA_G
ClientSampleId :

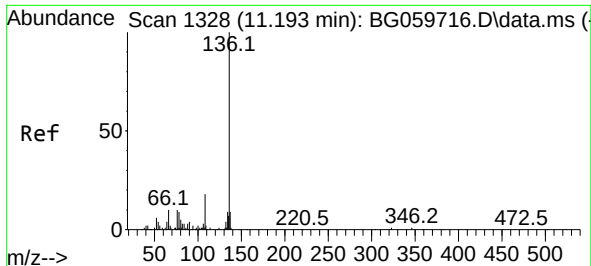
Tgt Ion: 99 Resp: 125690
Ion Ratio Lower Upper
99 100
42 23.6 14.3 21.5#
71 70.2 59.3 88.9



#19
n-Nitroso-di-n-propylamine
Concen: 12.047 ng
RT: 9.534 min Scan# 1046
Delta R.T. 0.385 min
Lab File: BG059739.D
Acq: 17 Nov 2023 20:53

Tgt Ion: 70 Resp: 16436
Ion Ratio Lower Upper
70 100
42 37.7 32.8 49.2
101 2.2 7.7 11.5#
130 3.8 12.3 18.5#

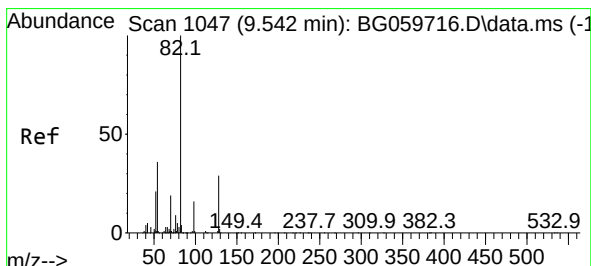
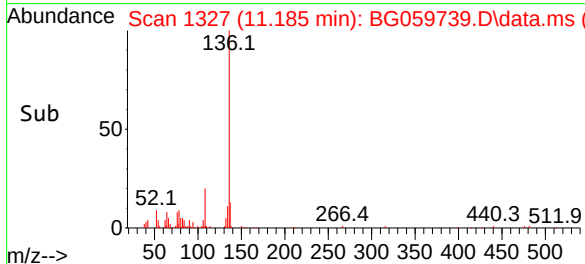
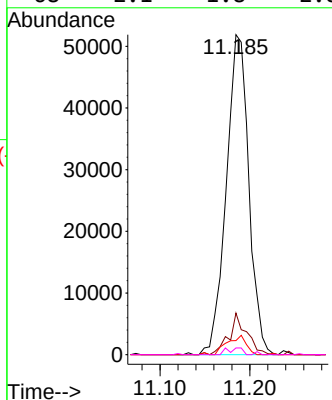
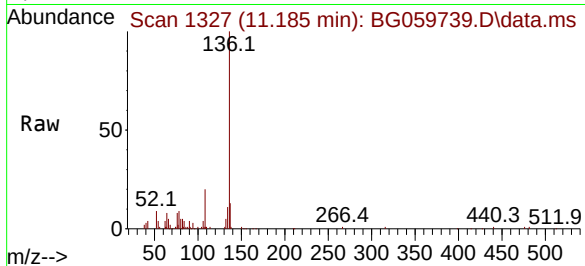




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.185 min Scan# 111
Delta R.T. -0.008 min
Lab File: BG059739.D
Acq: 17 Nov 2023 20:53

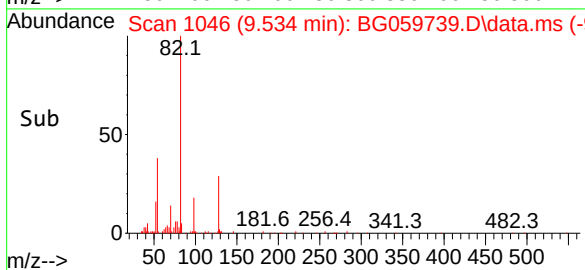
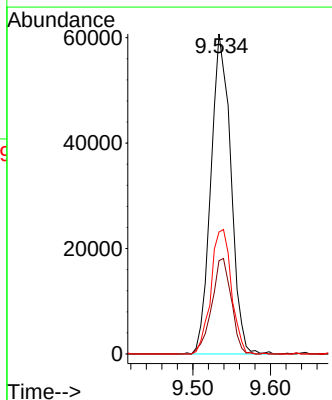
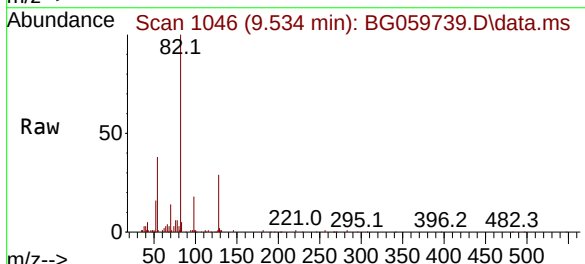
Instrument :
BNA_G
ClientSampleId :

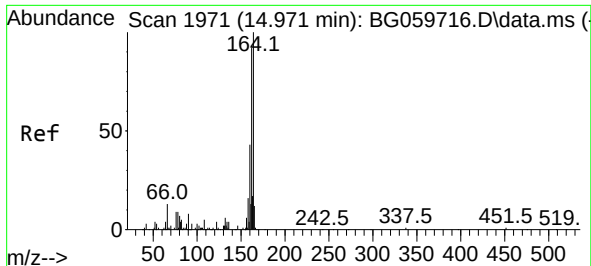
Tgt Ion:136 Resp: 90425
Ion Ratio Lower Upper
136 100
137 13.0 7.4 11.0#
54 4.4 3.1 4.7
68 2.1 1.8 2.8



#23
Nitrobenzene-d5
Concen: 45.863 ng
RT: 9.534 min Scan# 1046
Delta R.T. -0.008 min
Lab File: BG059739.D
Acq: 17 Nov 2023 20:53

Tgt Ion: 82 Resp: 108588
Ion Ratio Lower Upper
82 100
128 29.1 23.0 34.6
54 38.1 28.7 43.1

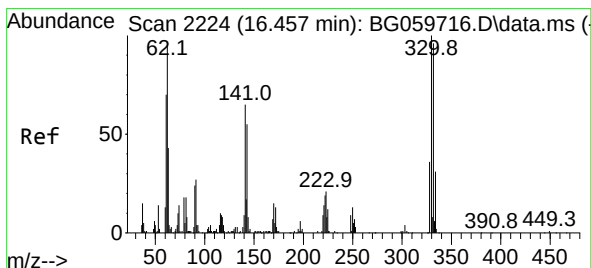
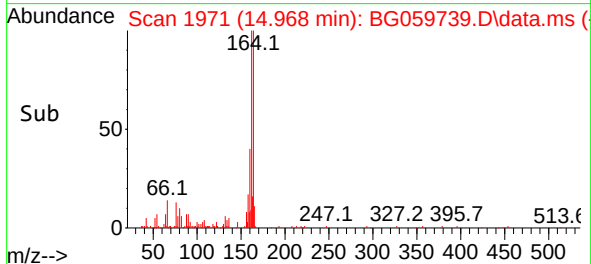
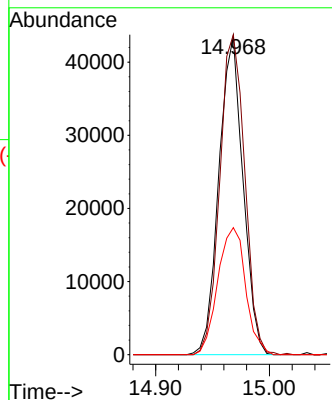
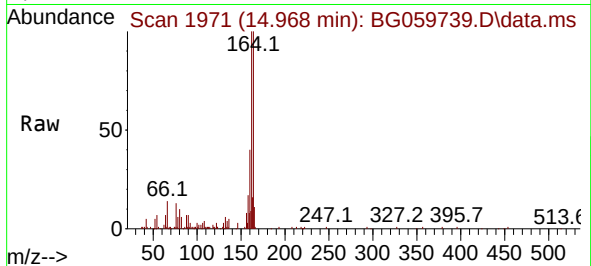




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.968 min Scan# 1971
Delta R.T. -0.003 min
Lab File: BG059739.D
Acq: 17 Nov 2023 20:53

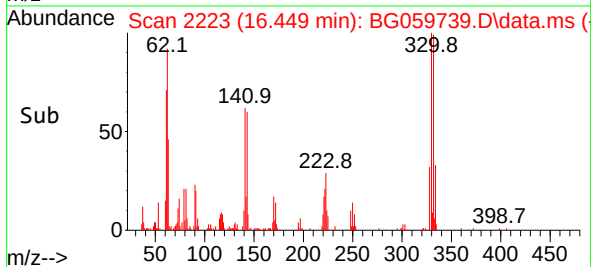
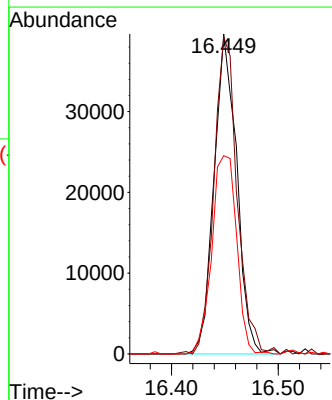
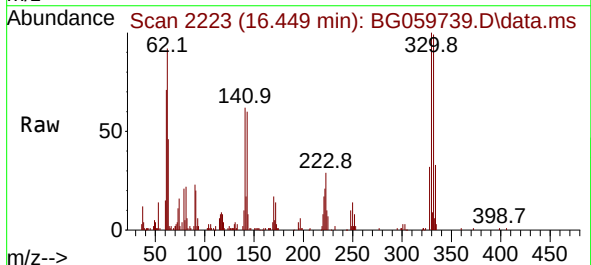
Instrument :
BNA_G
ClientSampleId :

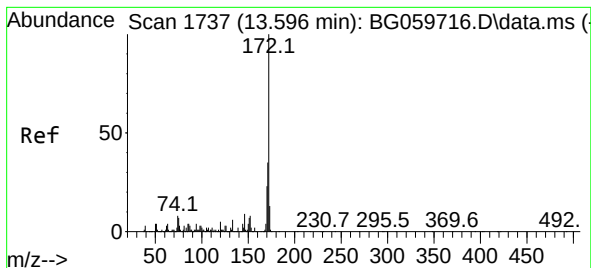
Tgt Ion:164 Resp: 64139
Ion Ratio Lower Upper
164 100
162 100.4 73.3 109.9
160 39.9 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 80.404 ng
RT: 16.449 min Scan# 2223
Delta R.T. -0.008 min
Lab File: BG059739.D
Acq: 17 Nov 2023 20:53

Tgt Ion:330 Resp: 58513
Ion Ratio Lower Upper
330 100
332 102.3 73.3 109.9
141 67.8 52.1 78.1





#45

2-Fluorobiphenyl

Concen: 47.064 ng

RT: 13.588 min Scan# 1

Delta R.T. -0.008 min

Lab File: BG059739.D

Acq: 17 Nov 2023 20:53

Instrument :

BNA_G

ClientSampleId :

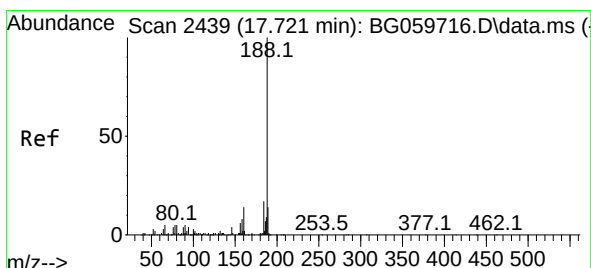
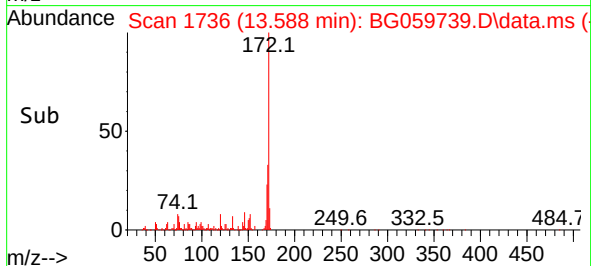
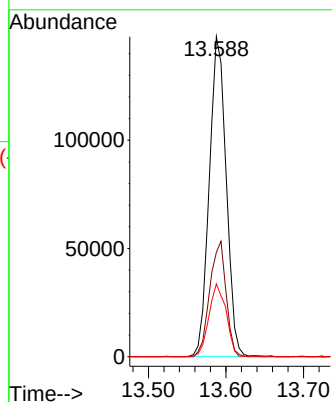
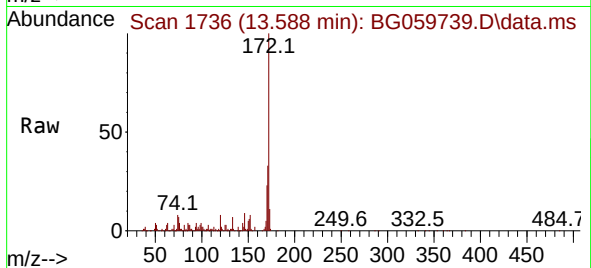
Tgt Ion:172 Resp: 224261

Ion Ratio Lower Upper

172 100

171 32.6 27.7 41.5

170 22.8 18.4 27.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.718 min Scan# 2439

Delta R.T. -0.003 min

Lab File: BG059739.D

Acq: 17 Nov 2023 20:53

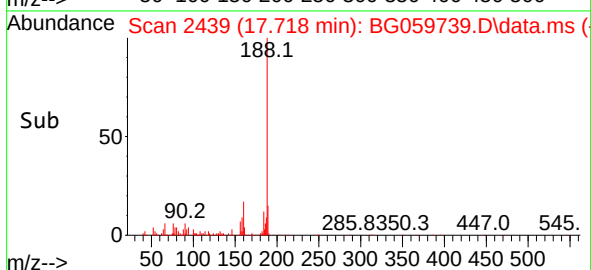
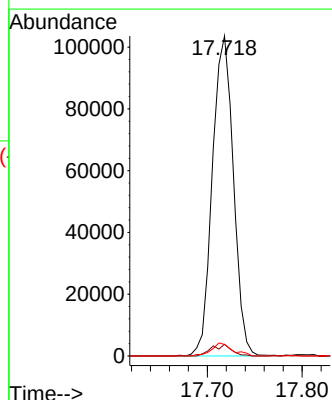
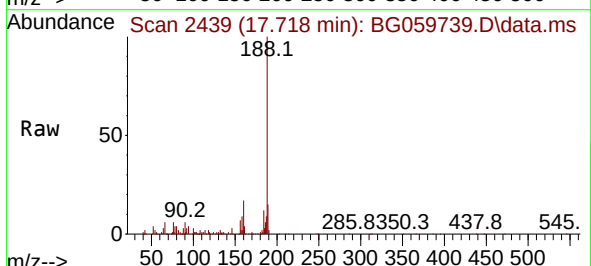
Tgt Ion:188 Resp: 159766

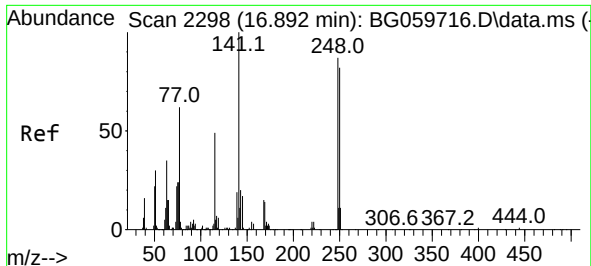
Ion Ratio Lower Upper

188 100

94 3.7 3.0 4.4

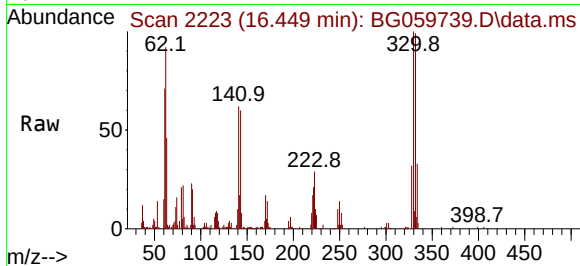
80 3.6 4.2 6.4#



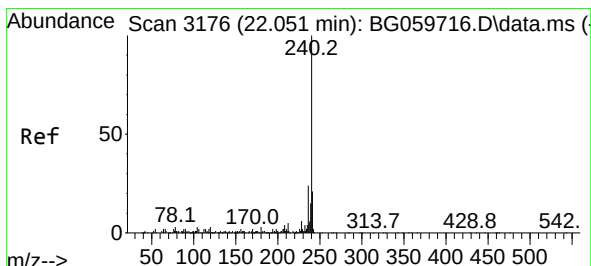
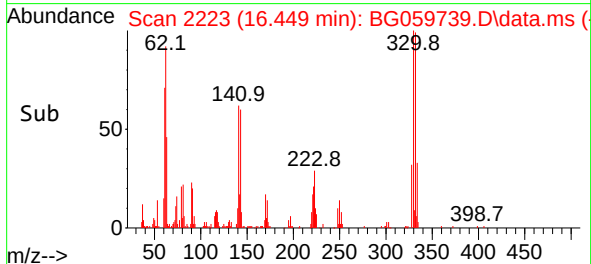
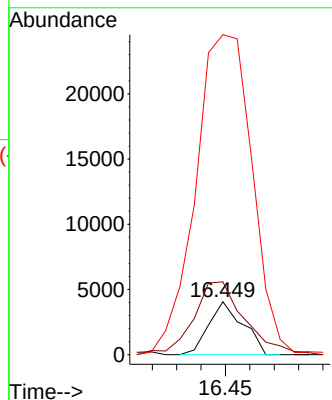


#67
4-Bromophenyl-phenylether
Concen: 2.305 ng
RT: 16.449 min Scan# 21
Delta R.T. -0.443 min
Lab File: BG059739.D
Acq: 17 Nov 2023 20:53

Instrument :
BNA_G
ClientSampleId :

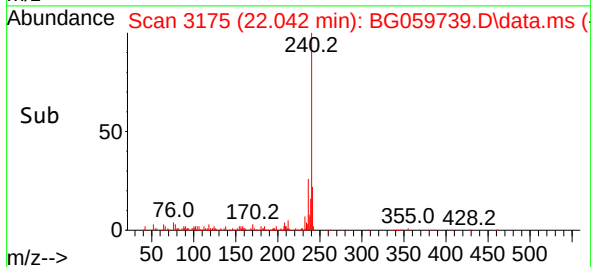
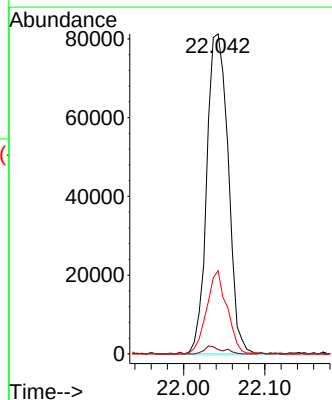
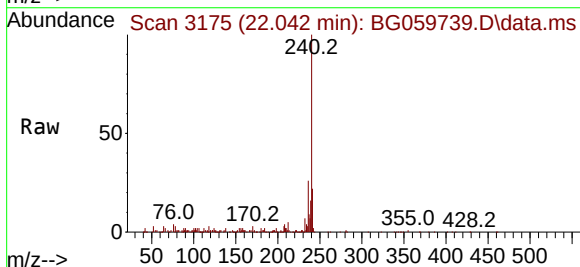


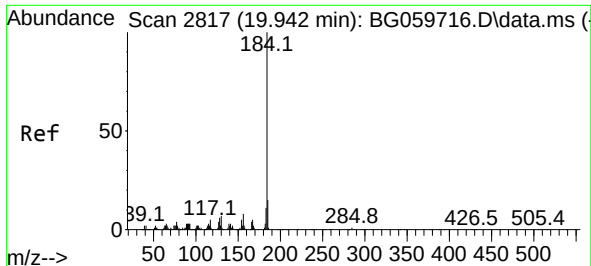
Tgt Ion:248 Resp: 3957
Ion Ratio Lower Upper
248 100
250 137.5 75.2 112.8#
141 604.6 91.5 137.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.042 min Scan# 3175
Delta R.T. -0.008 min
Lab File: BG059739.D
Acq: 17 Nov 2023 20:53

Tgt Ion:240 Resp: 148477
Ion Ratio Lower Upper
240 100
120 1.4 2.2 3.2#
236 26.0 19.4 29.2

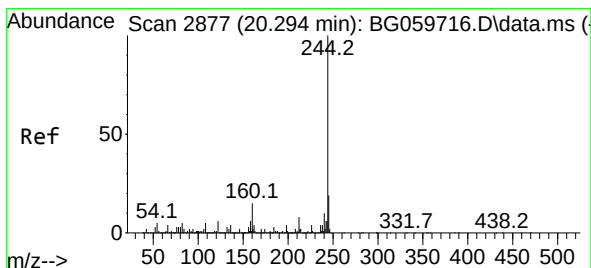
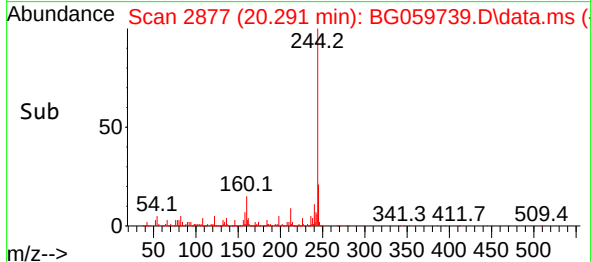
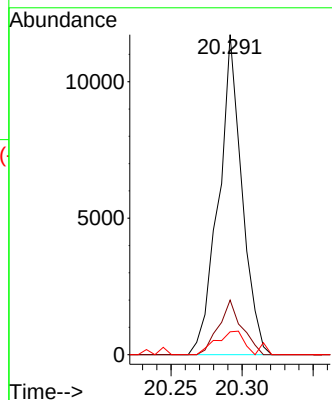
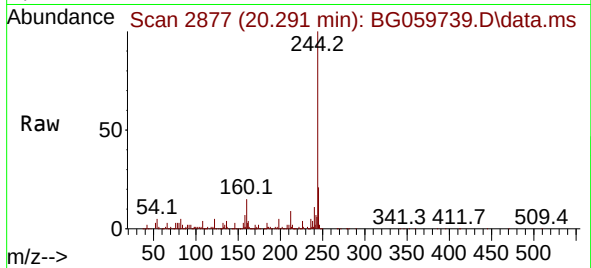




#77
Benzidine
Concen: 3.976 ng
RT: 20.291 min Scan# 2817
Delta R.T. 0.350 min
Lab File: BG059739.D
Acq: 17 Nov 2023 20:53

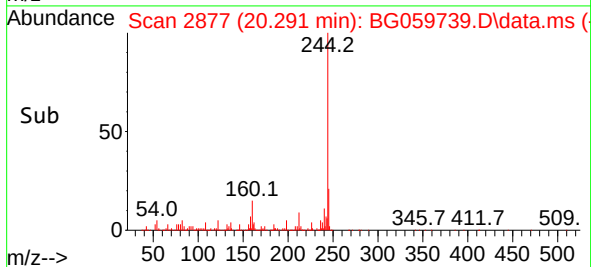
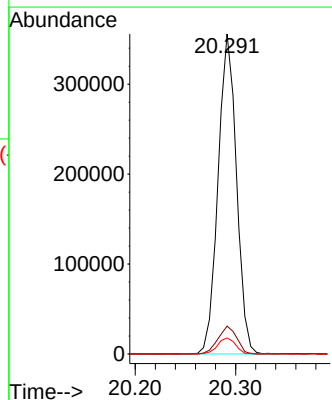
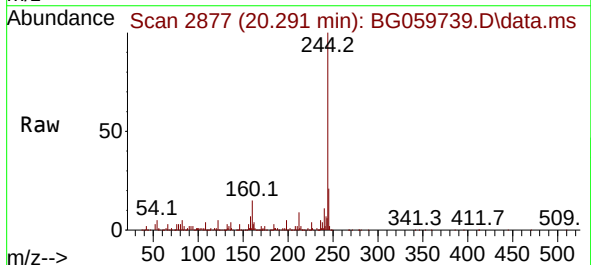
Instrument :
BNA_G
ClientSampleId :

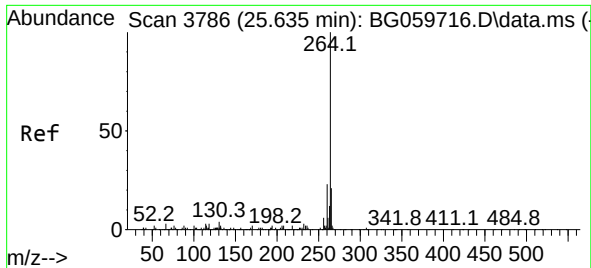
Tgt Ion:184 Resp: 13386
Ion Ratio Lower Upper
184 100
185 17.1 12.2 18.2
183 7.1 8.8 13.2#



#79
Terphenyl-d14
Concen: 44.948 ng
RT: 20.291 min Scan# 2877
Delta R.T. -0.003 min
Lab File: BG059739.D
Acq: 17 Nov 2023 20:53

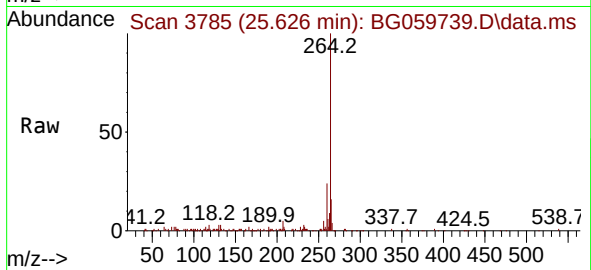
Tgt Ion:244 Resp: 452072
Ion Ratio Lower Upper
244 100
212 8.7 6.6 10.0
122 5.0 4.4 6.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.626 min Scan# 31
 Delta R.T. -0.008 min
 Lab File: BG059739.D
 Acq: 17 Nov 2023 20:53

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264 Resp: 174055
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.5 27.7
 265 15.8 17.0 25.6#

