

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112123\
 Data File : BG059804.D
 Acq On : 21 Nov 2023 23:07
 Operator : MA/JU
 Sample : 05378-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-3

Quant Time: Nov 22 00:34:46 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)

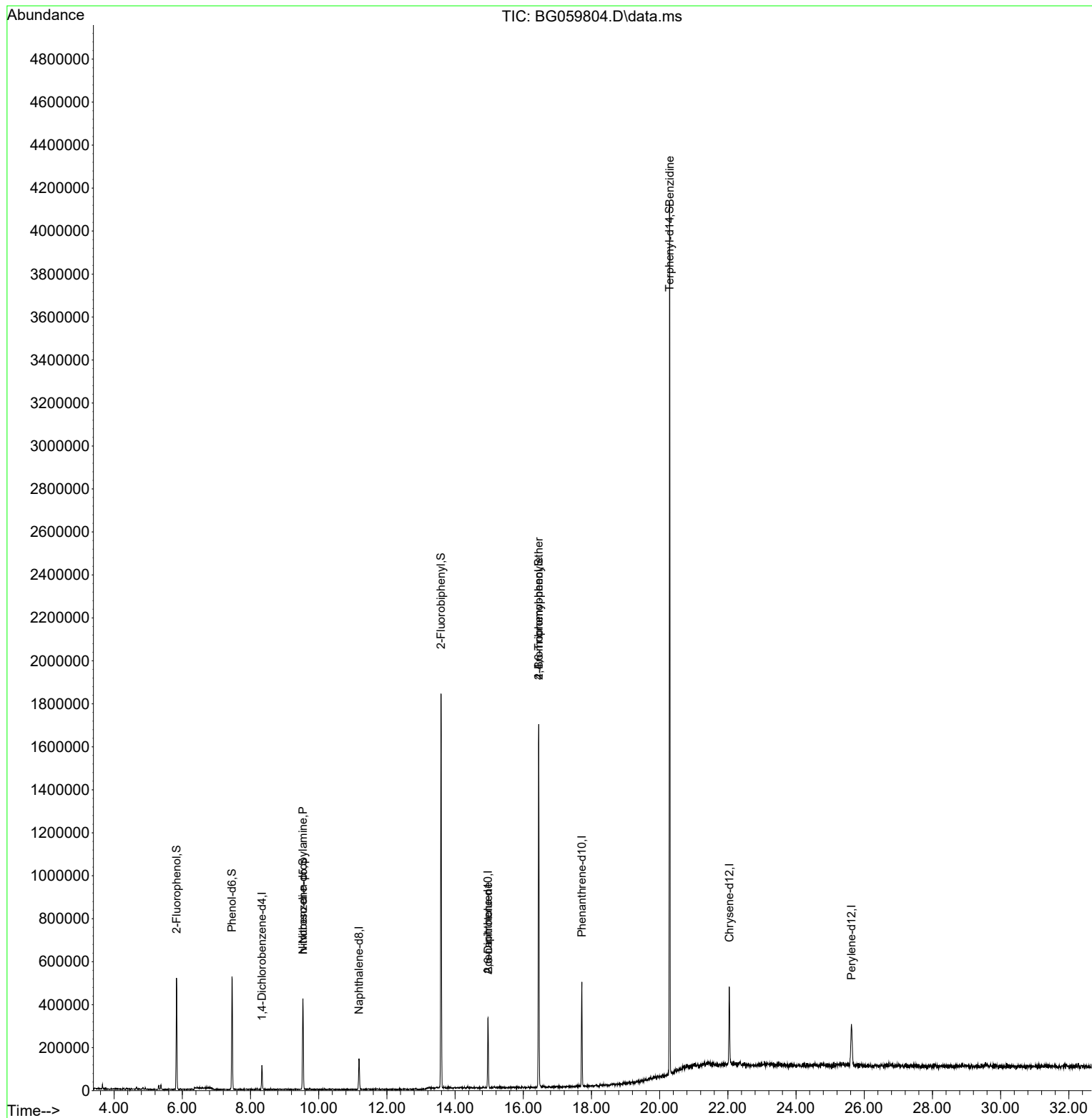
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.334	152	24057	20.000	ng	0.00
21) Naphthalene-d8	11.184	136	101668	20.000	ng	0.00
39) Acenaphthene-d10	14.962	164	105869	20.000	ng	0.00
64) Phenanthrene-d10	17.717	188	258698	20.000	ng	# 0.00
76) Chrysene-d12	22.042	240	199585	20.000	ng	# 0.00
86) Perylene-d12	25.626	264	222229	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.831	112	168111	117.618	ng	0.00
7) Phenol-d6	7.459	99	233851	110.407	ng	0.00
23) Nitrobenzene-d5	9.539	82	265830	99.860	ng	0.00
42) 2,4,6-Tribromophenol	16.454	330	231385	192.626	ng	0.00
45) 2-Fluorobiphenyl	13.587	172	786322	99.975	ng	0.00
79) Terphenyl-d14	20.291	244	1707833	126.321	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.539	70	45597	27.337	ng	# 86
51) 2,6-Dinitrotoluene	14.968	165	12336	7.926	ng	# 3
67) 4-Bromophenyl-phenylether	16.454	248	17440	6.275	ng	# 1
77) Benzidine	20.297	184	47031	10.392	ng	# 93

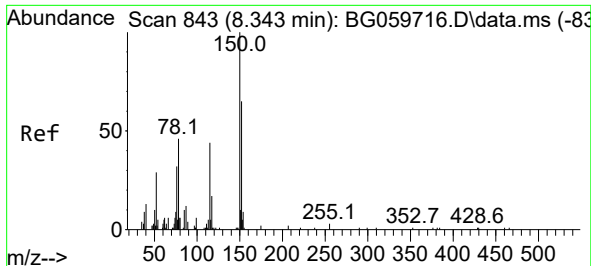
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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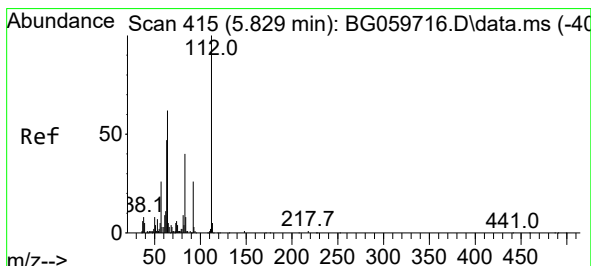
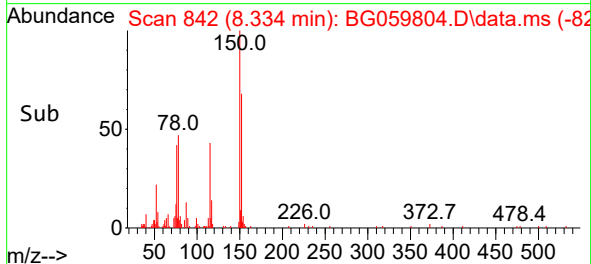
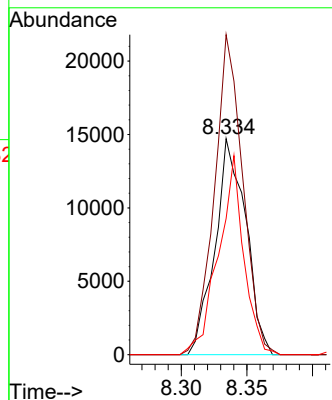
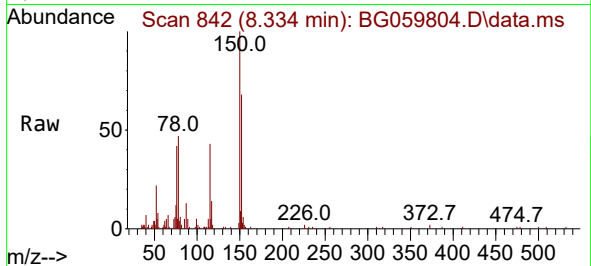




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.334 min Scan# 84
Delta R.T. -0.009 min
Lab File: BG059804.D
Acq: 21 Nov 2023 23:07

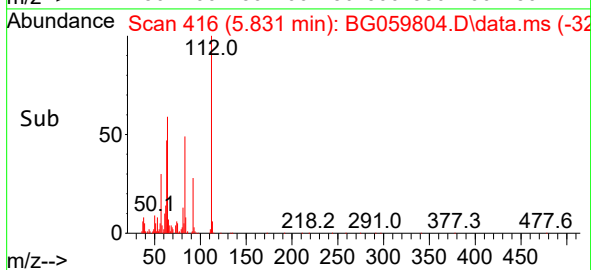
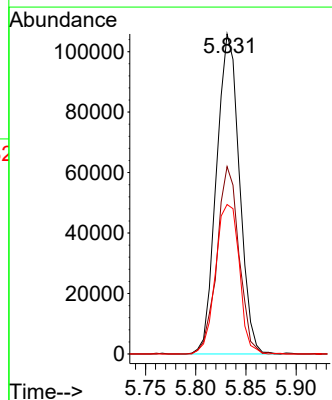
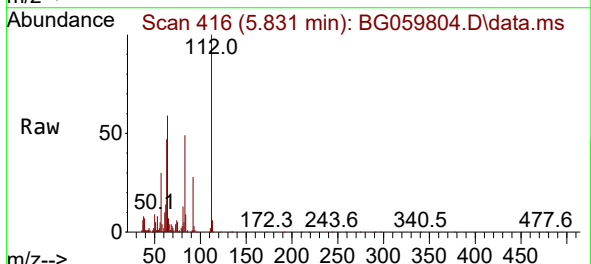
Instrument :
BNA_G
ClientSampleId :
MH-3

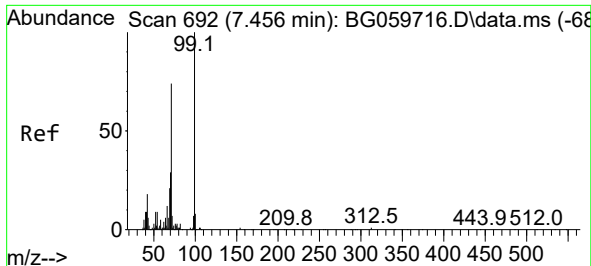
Tgt Ion:152 Resp: 24057
Ion Ratio Lower Upper
152 100
150 148.1 122.2 183.4
115 63.0 54.2 81.4



#5
2-Fluorophenol
Concen: 117.618 ng
RT: 5.831 min Scan# 416
Delta R.T. 0.003 min
Lab File: BG059804.D
Acq: 21 Nov 2023 23:07

Tgt Ion:112 Resp: 168111
Ion Ratio Lower Upper
112 100
64 58.6 49.5 74.3
63 46.7 37.4 56.2

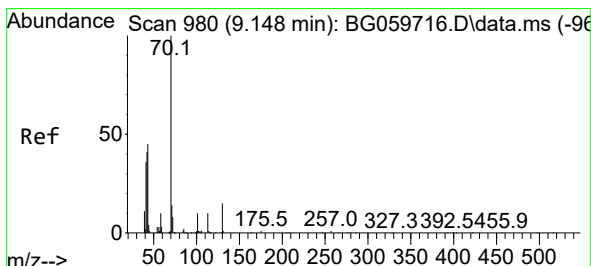
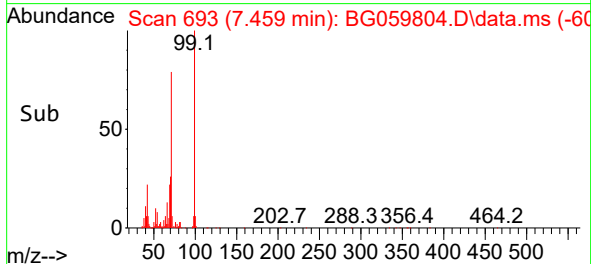
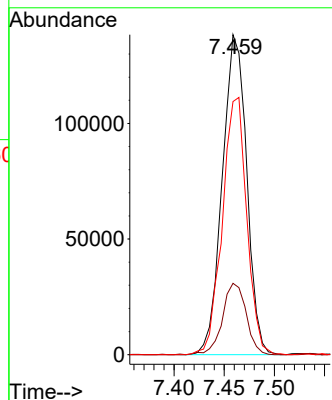
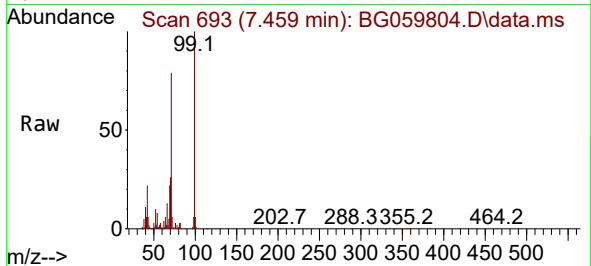




#7
Phenol-d6
Concen: 110.407 ng
RT: 7.459 min Scan# 692
Delta R.T. 0.003 min
Lab File: BG059804.D
Acq: 21 Nov 2023 23:07

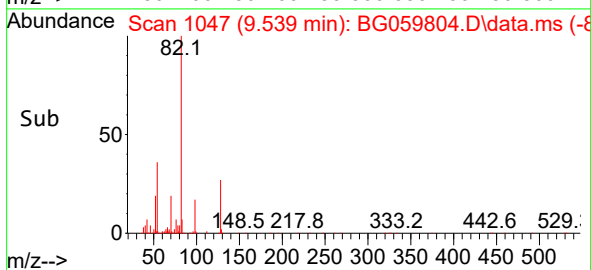
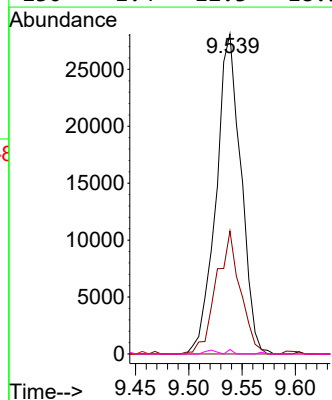
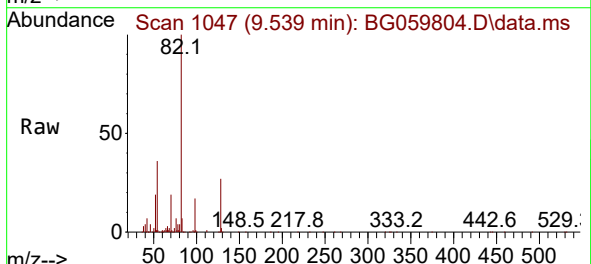
Instrument :
BNA_G
ClientSampleId :
MH-3

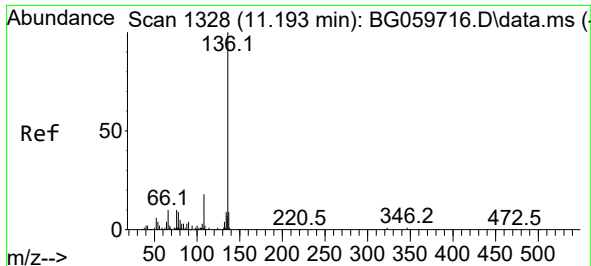
Tgt Ion: 99 Resp: 233851
Ion Ratio Lower Upper
99 100
42 22.3 14.3 21.5#
71 79.1 59.3 88.9



#19
n-Nitroso-di-n-propylamine
Concen: 27.337 ng
RT: 9.539 min Scan# 1047
Delta R.T. 0.390 min
Lab File: BG059804.D
Acq: 21 Nov 2023 23:07

Tgt Ion: 70 Resp: 45597
Ion Ratio Lower Upper
70 100
42 38.4 32.8 49.2
101 0.0 7.7 11.5#
130 1.4 12.3 18.5#

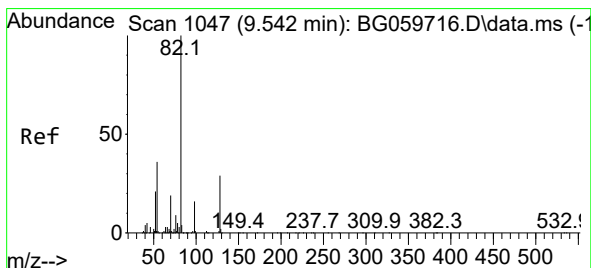
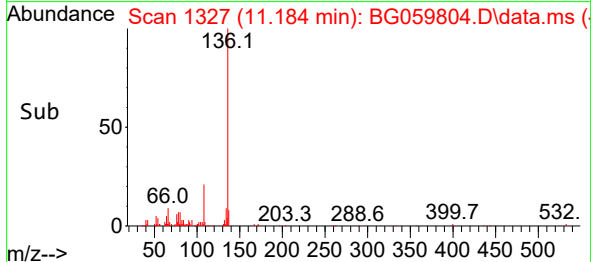
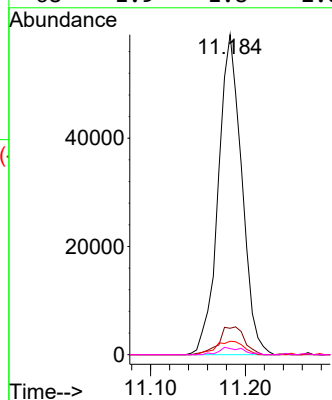
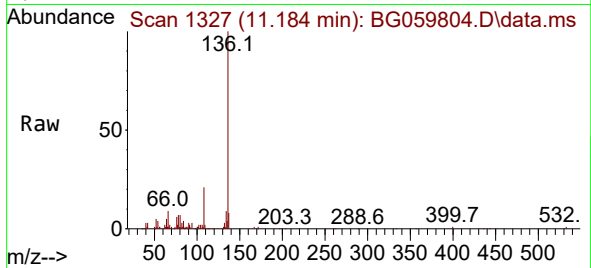




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.184 min Scan# 111
Delta R.T. -0.009 min
Lab File: BG059804.D
Acq: 21 Nov 2023 23:07

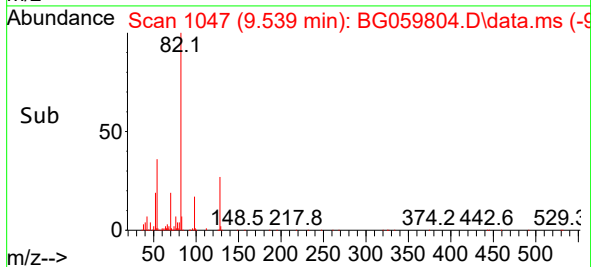
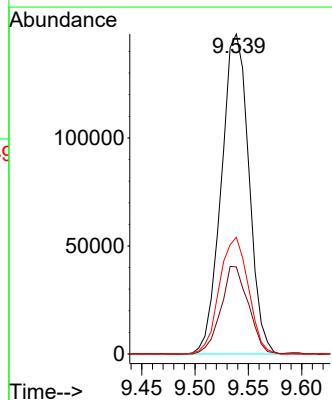
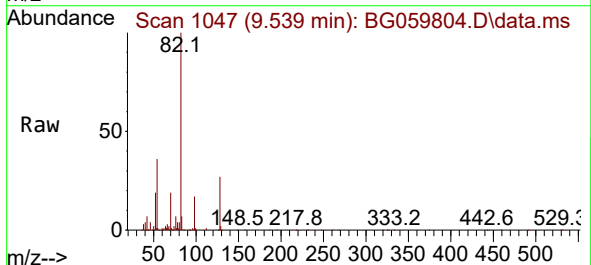
Instrument :
BNA_G
ClientSampleId :
MH-3

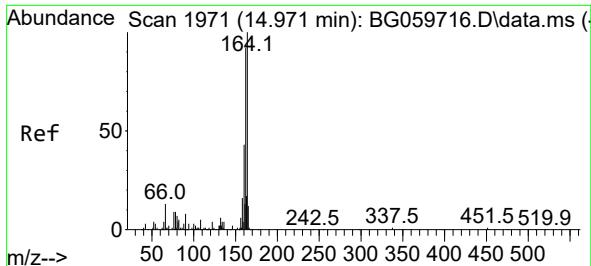
Tgt Ion:	136	Resp:	101668
Ion	Ratio	Lower	Upper
136	100		
137	8.3	7.4	11.0
54	4.2	3.1	4.7
68	1.9	1.8	2.8



#23
Nitrobenzene-d5
Concen: 99.860 ng
RT: 9.539 min Scan# 1047
Delta R.T. -0.003 min
Lab File: BG059804.D
Acq: 21 Nov 2023 23:07

Tgt Ion:	82	Resp:	265830
Ion	Ratio	Lower	Upper
82	100		
128	27.2	23.0	34.6
54	36.5	28.7	43.1

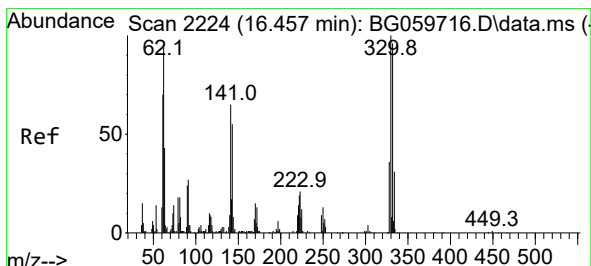
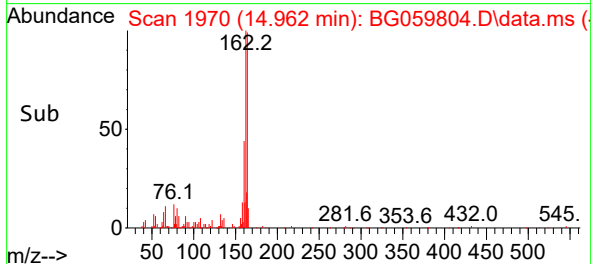
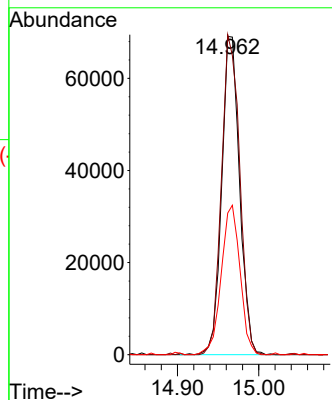
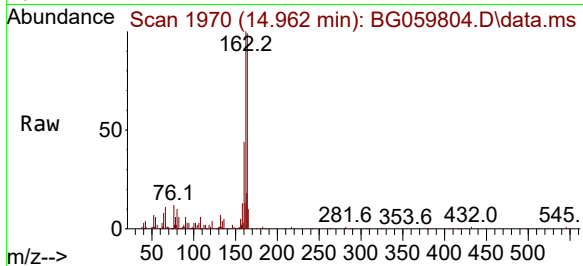




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.962 min Scan# 1970
Delta R.T. -0.009 min
Lab File: BG059804.D
Acq: 21 Nov 2023 23:07

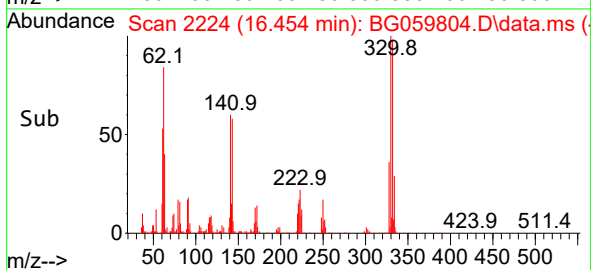
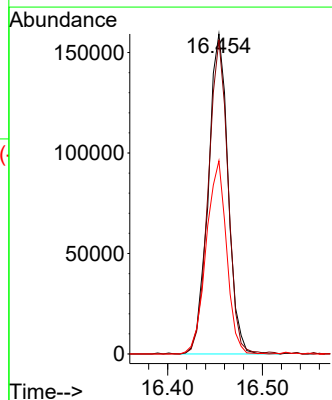
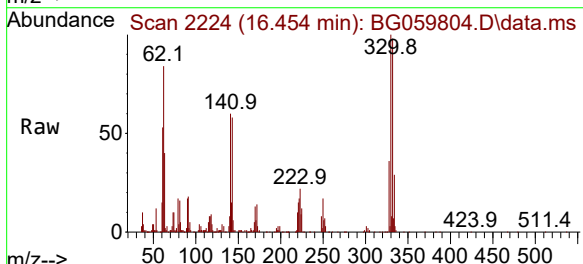
Instrument :
BNA_G
ClientSampleId :
MH-3

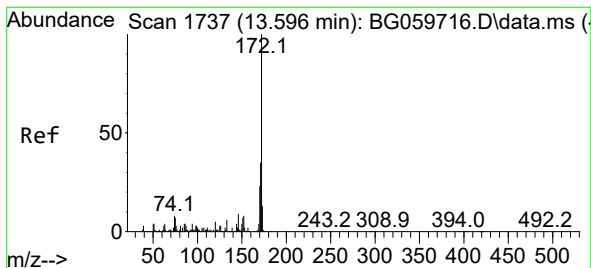
Tgt Ion:164 Resp: 105869
Ion Ratio Lower Upper
164 100
162 100.6 73.3 109.9
160 44.5 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 192.626 ng
RT: 16.454 min Scan# 2224
Delta R.T. -0.003 min
Lab File: BG059804.D
Acq: 21 Nov 2023 23:07

Tgt Ion:330 Resp: 231385
Ion Ratio Lower Upper
330 100
332 96.9 73.3 109.9
141 61.7 52.1 78.1





#45

2-Fluorobiphenyl

Concen: 99.975 ng

RT: 13.587 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG059804.D

Acq: 21 Nov 2023 23:07

Instrument :

BNA_G

ClientSampleId :

MH-3

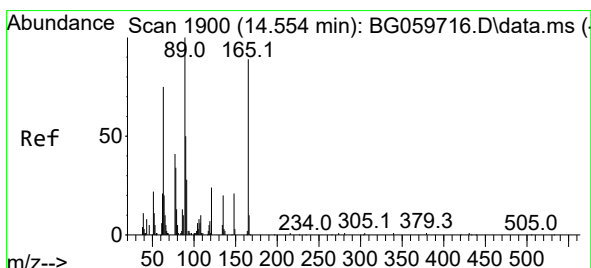
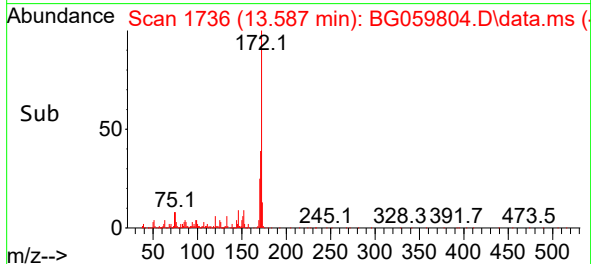
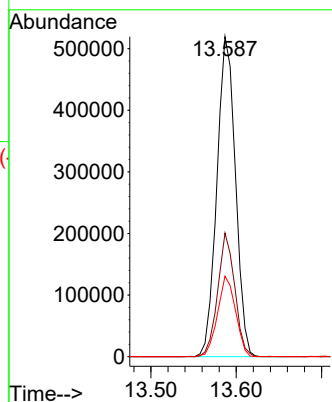
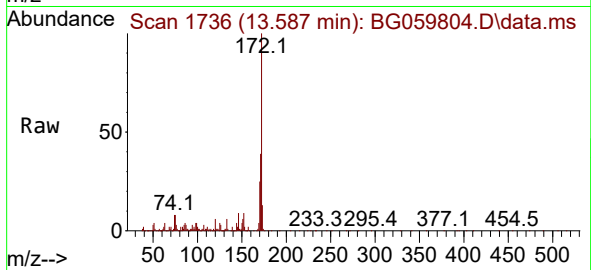
Tgt Ion:172 Resp: 786322

Ion Ratio Lower Upper

172 100

171 38.6 27.7 41.5

170 25.2 18.4 27.6



#51

2,6-Dinitrotoluene

Concen: 7.926 ng

RT: 14.968 min Scan# 1971

Delta R.T. 0.414 min

Lab File: BG059804.D

Acq: 21 Nov 2023 23:07

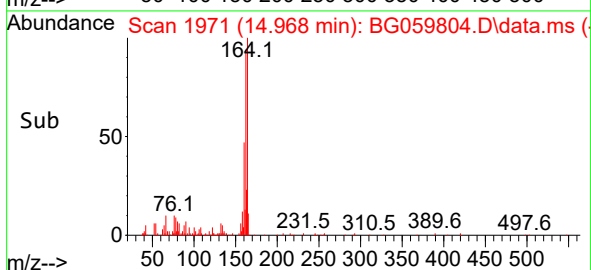
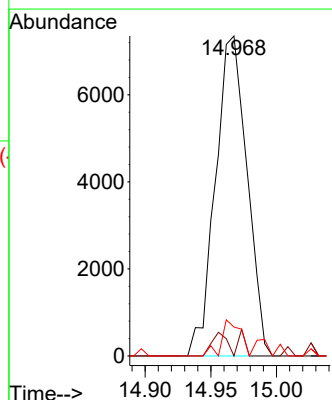
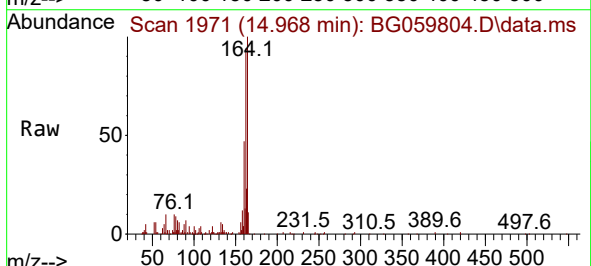
Tgt Ion:165 Resp: 12336

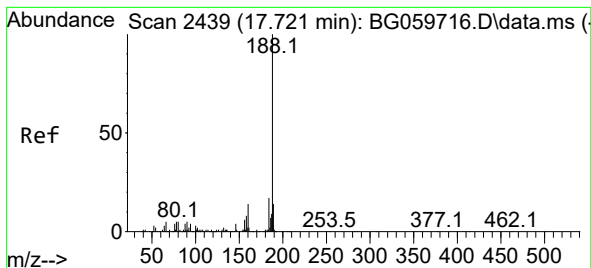
Ion Ratio Lower Upper

165 100

63 0.0 75.3 112.9#

89 9.0 90.9 136.3#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.717 min Scan# 2439

Delta R.T. -0.003 min

Lab File: BG059804.D

Acq: 21 Nov 2023 23:07

Instrument :

BNA_G

ClientSampleId :

MH-3

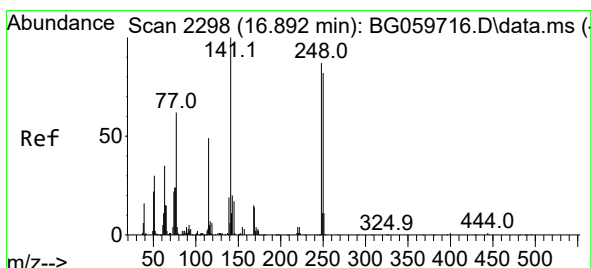
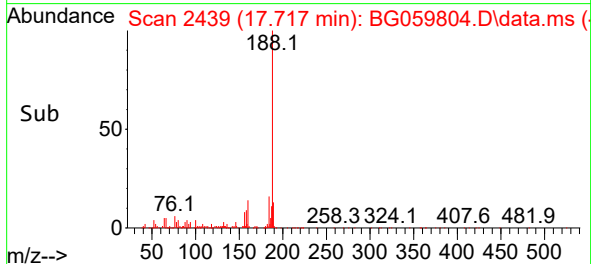
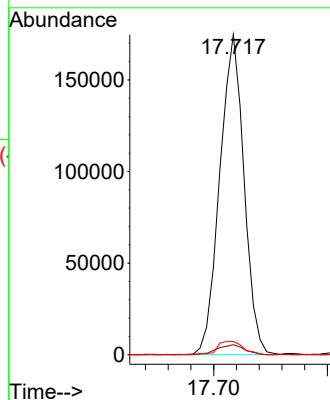
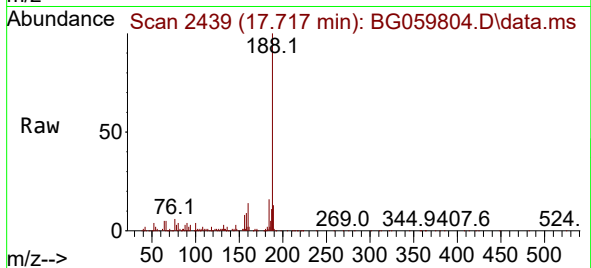
Tgt Ion:188 Resp: 258698

Ion Ratio Lower Upper

188 100

94 3.1 3.0 4.4

80 4.1 4.2 6.4#



#67

4-Bromophenyl-phenylether

Concen: 6.275 ng

RT: 16.454 min Scan# 2224

Delta R.T. -0.438 min

Lab File: BG059804.D

Acq: 21 Nov 2023 23:07

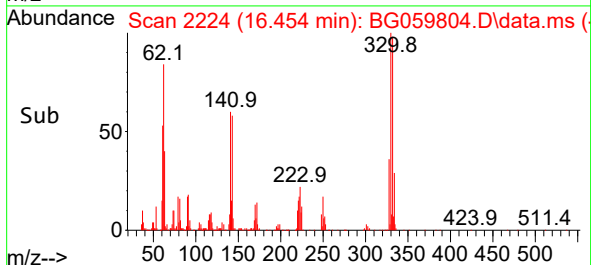
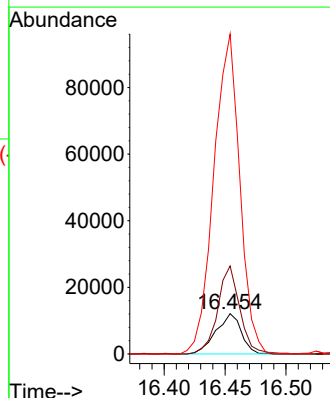
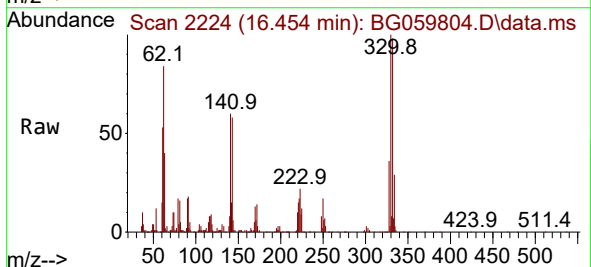
Tgt Ion:248 Resp: 17440

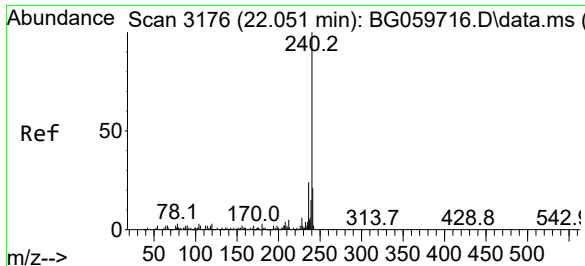
Ion Ratio Lower Upper

248 100

250 218.2 75.2 112.8#

141 793.6 91.5 137.3#

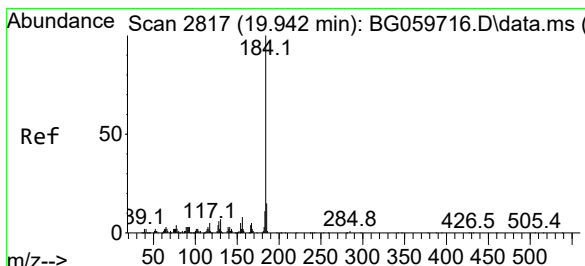
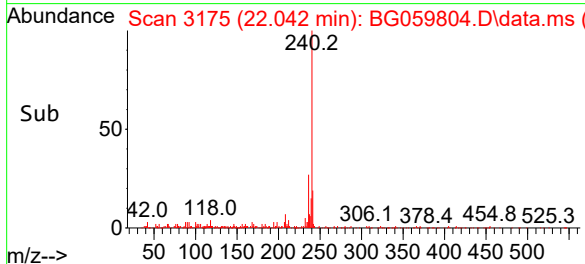
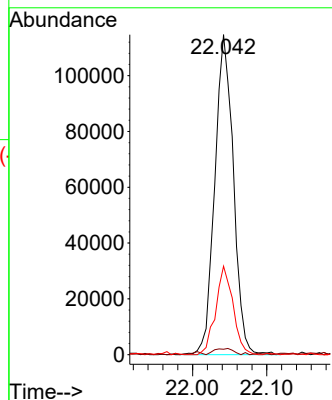
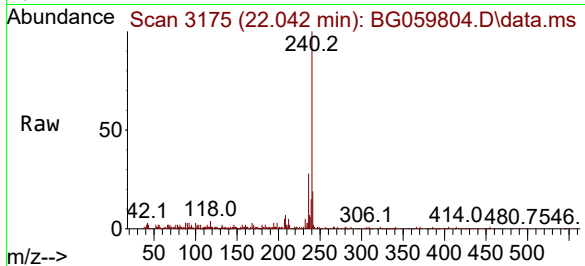




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.042 min Scan# 3175
Delta R.T. -0.009 min
Lab File: BG059804.D
Acq: 21 Nov 2023 23:07

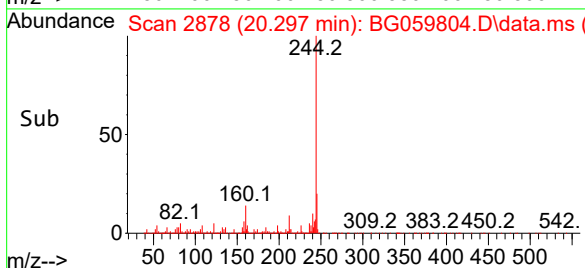
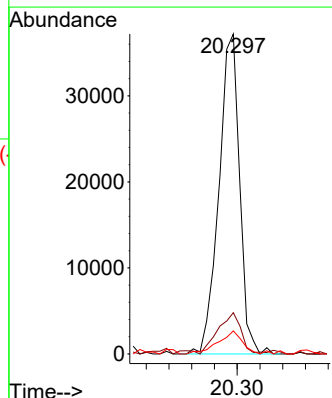
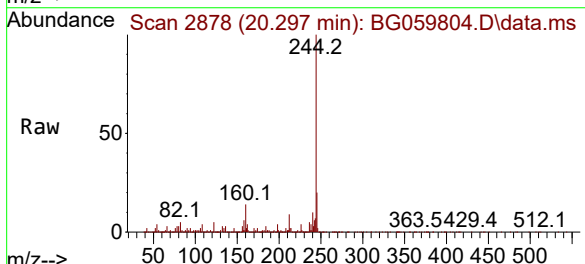
Instrument :
BNA_G
ClientSampleId :
MH-3

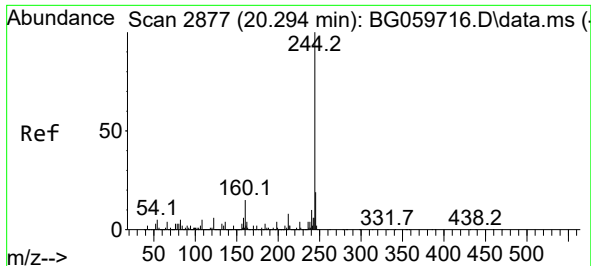
Tgt Ion:240 Resp: 199585
Ion Ratio Lower Upper
240 100
120 1.7 2.2 3.2#
236 27.6 19.4 29.2



#77
Benzidine
Concen: 10.392 ng
RT: 20.297 min Scan# 2878
Delta R.T. 0.355 min
Lab File: BG059804.D
Acq: 21 Nov 2023 23:07

Tgt Ion:184 Resp: 47031
Ion Ratio Lower Upper
184 100
185 12.9 12.2 18.2
183 7.2 8.8 13.2#

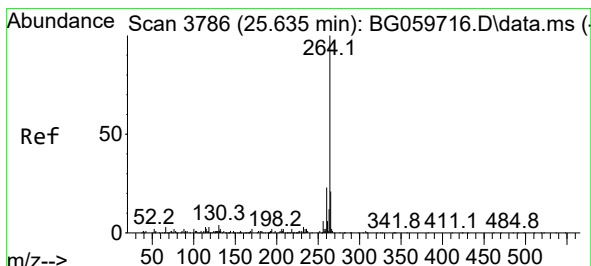
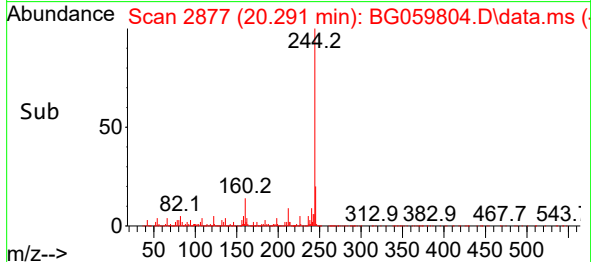
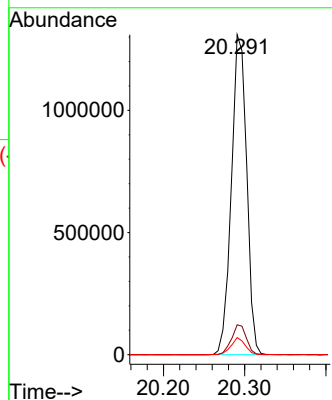
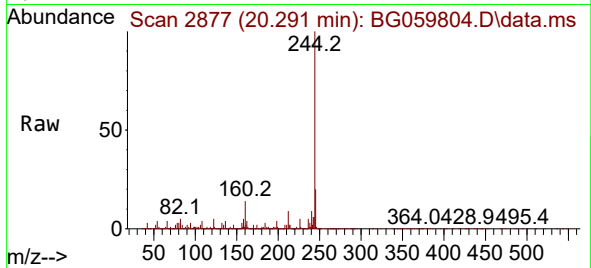




#79
 Terphenyl-d14
 Concen: 126.321 ng
 RT: 20.291 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG059804.D
 Acq: 21 Nov 2023 23:07

Instrument :
 BNA_G
 ClientSampleId :
 MH-3

Tgt Ion:244 Resp: 1707833
 Ion Ratio Lower Upper
 244 100
 212 9.4 6.6 10.0
 122 5.4 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.626 min Scan# 3785
 Delta R.T. -0.009 min
 Lab File: BG059804.D
 Acq: 21 Nov 2023 23:07

Tgt Ion:264 Resp: 222229
 Ion Ratio Lower Upper
 264 100
 260 28.7 18.5 27.7#
 265 22.8 17.0 25.6

