

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112223\
 Data File : BG059817.D
 Acq On : 22 Nov 2023 14:08
 Operator : MA/JU
 Sample : 05447-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP1

Quant Time: Nov 22 14:43:54 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)

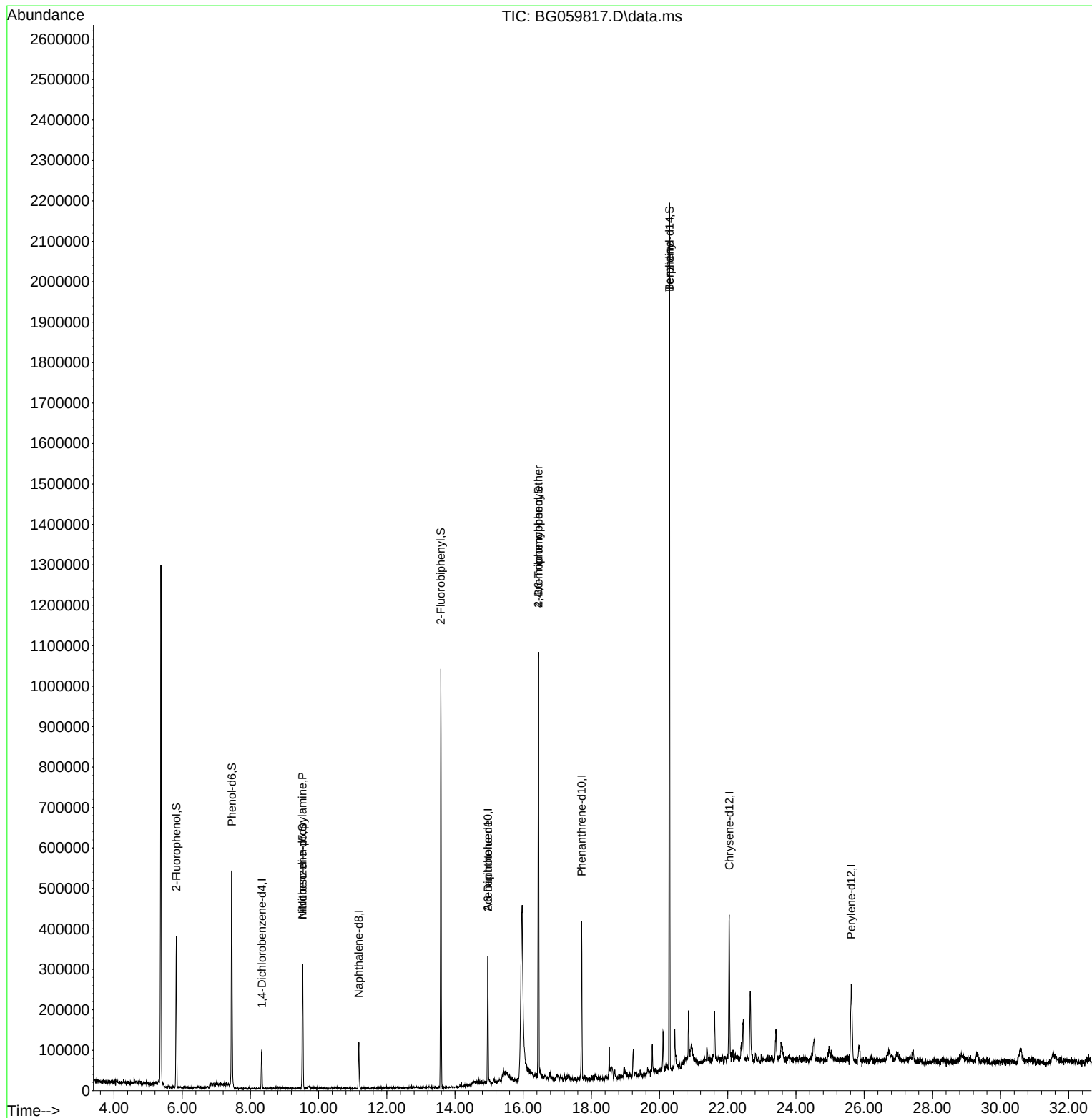
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.336	152	19528	20.000	ng	0.00
21) Naphthalene-d8	11.179	136	74787	20.000	ng	#-0.01
39) Acenaphthene-d10	14.963	164	97957	20.000	ng	0.00
64) Phenanthrene-d10	17.713	188	206257	20.000	ng	# 0.00
76) Chrysene-d12	22.043	240	195041	20.000	ng	# 0.00
86) Perylene-d12	25.621	264	228352	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.827	112	125571	108.231	ng	0.00
7) Phenol-d6	7.454	99	237491	138.130	ng	0.00
23) Nitrobenzene-d5	9.528	82	202900	103.616	ng	-0.01
42) 2,4,6-Tribromophenol	16.450	330	138184	124.328	ng	0.00
45) 2-Fluorobiphenyl	13.582	172	424355	58.311	ng	-0.01
79) Terphenyl-d14	20.292	244	916449	69.365	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.528	70	33122	24.463	ng	# 70
51) 2,6-Dinitrotoluene	14.963	165	12021	8.347	ng	# 1
67) 4-Bromophenyl-phenylether	16.450	248	11872	5.358	ng	# 1
77) Benzidine	20.292	184	29504	6.671	ng	# 91

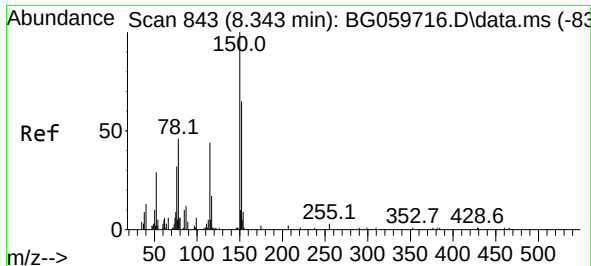
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112223\
Data File : BG059817.D
Acq On : 22 Nov 2023 14:08
Operator : MA/JU
Sample : 05447-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP1

Quant Time: Nov 22 14:43:54 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

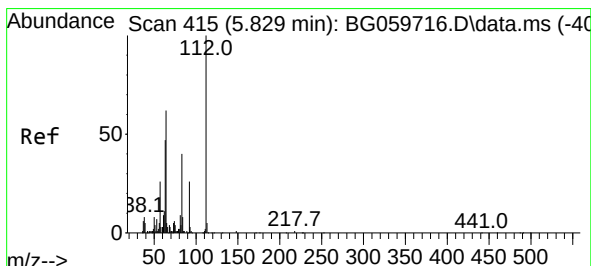
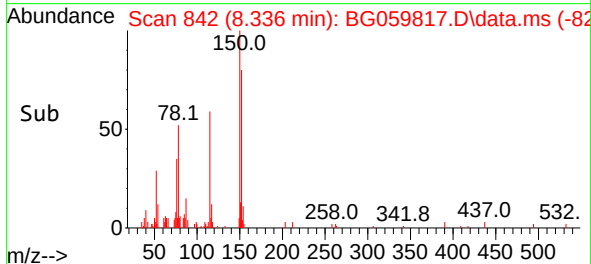
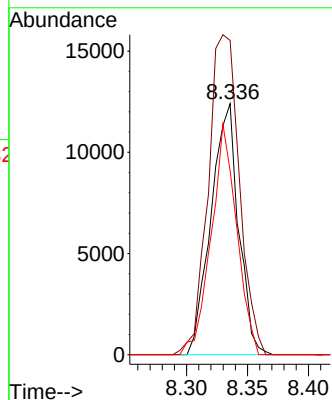
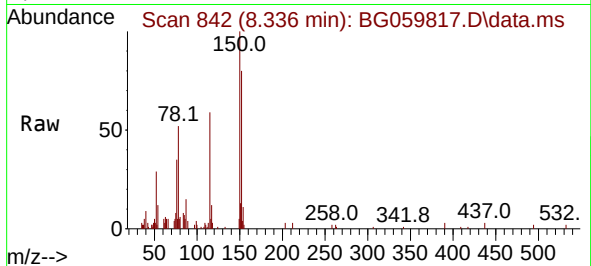




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.336 min Scan# 843
Delta R.T. -0.007 min
Lab File: BG059817.D
Acq: 22 Nov 2023 14:08

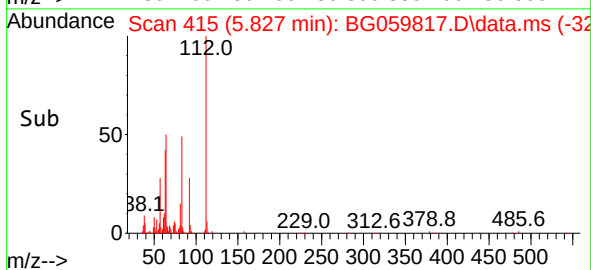
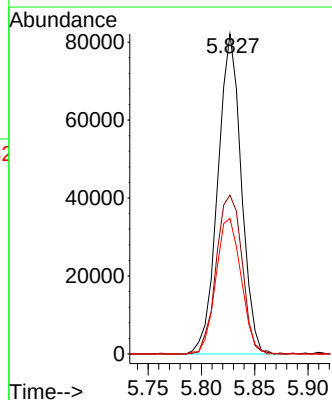
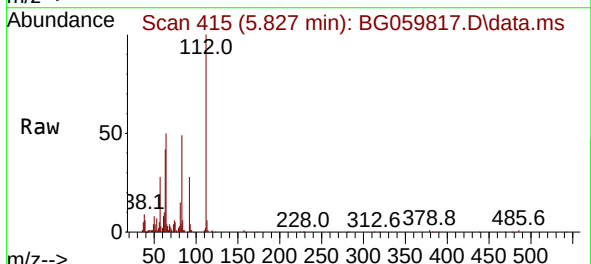
Instrument :
BNA_G
ClientSampleId :
SP1

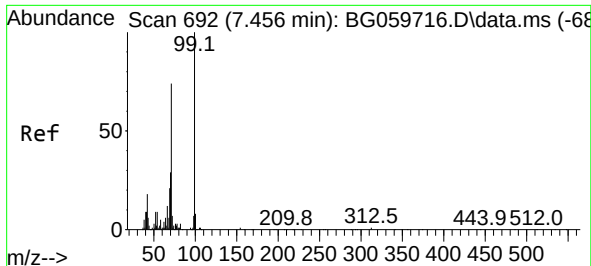
Tgt Ion:152 Resp: 19528
Ion Ratio Lower Upper
152 100
150 125.1 122.2 183.4
115 73.3 54.2 81.4



#5
2-Fluorophenol
Concen: 108.231 ng
RT: 5.827 min Scan# 415
Delta R.T. -0.002 min
Lab File: BG059817.D
Acq: 22 Nov 2023 14:08

Tgt Ion:112 Resp: 125571
Ion Ratio Lower Upper
112 100
64 49.6 49.5 74.3
63 42.4 37.4 56.2

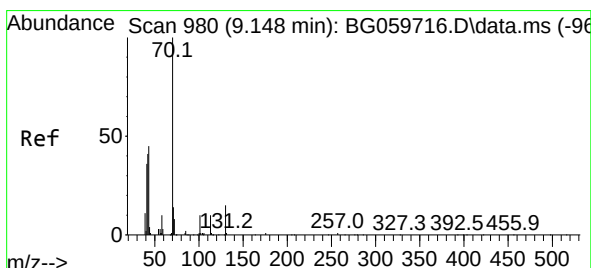
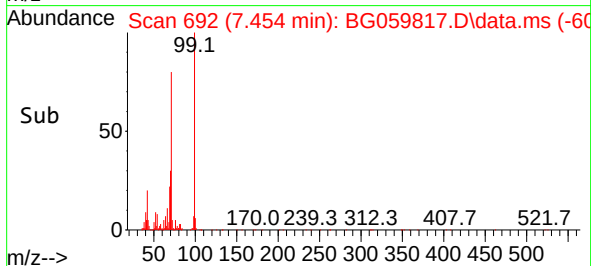
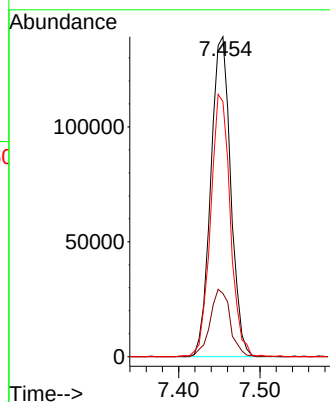
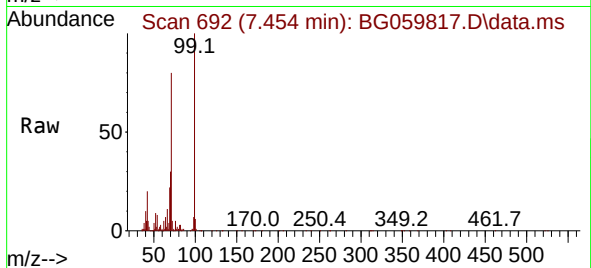




#7
Phenol-d6
Concen: 138.130 ng
RT: 7.454 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG059817.D
Acq: 22 Nov 2023 14:08

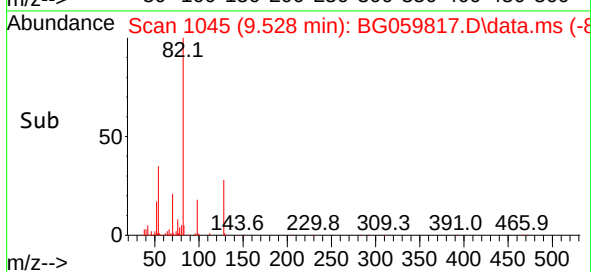
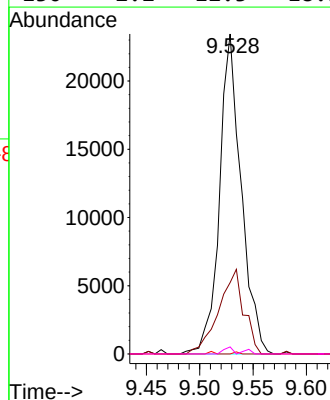
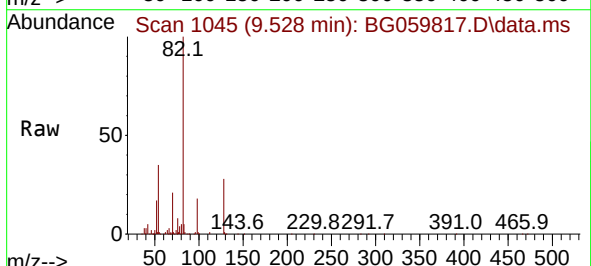
Instrument :
BNA_G
ClientSampleId :
SP1

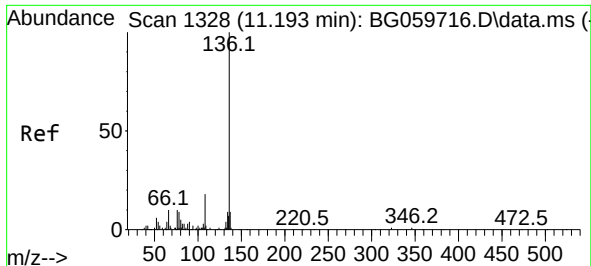
Tgt Ion: 99 Resp: 237491
Ion Ratio Lower Upper
99 100
42 19.8 14.3 21.5
71 79.7 59.3 88.9



#19
n-Nitroso-di-n-propylamine
Concen: 24.463 ng
RT: 9.528 min Scan# 1045
Delta R.T. 0.380 min
Lab File: BG059817.D
Acq: 22 Nov 2023 14:08

Tgt Ion: 70 Resp: 33122
Ion Ratio Lower Upper
70 100
42 22.3 32.8 49.2#
101 0.0 7.7 11.5#
130 2.2 12.3 18.5#

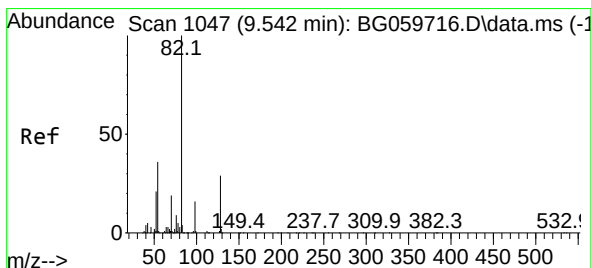
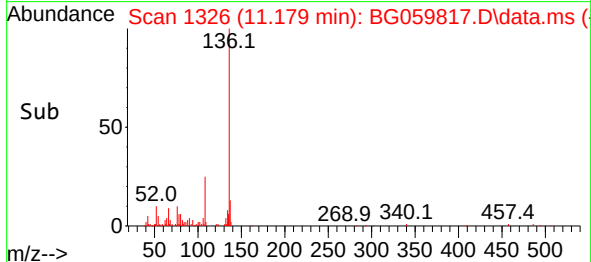
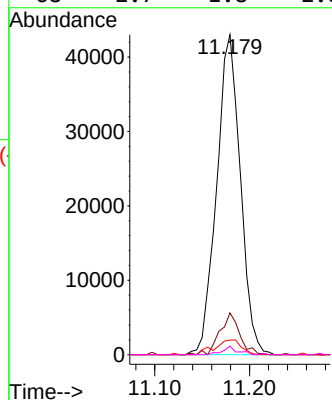
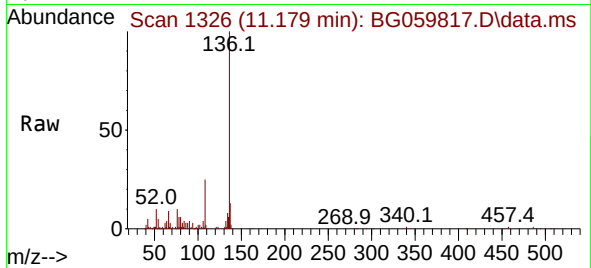




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.179 min Scan# 11
Delta R.T. -0.014 min
Lab File: BG059817.D
Acq: 22 Nov 2023 14:08

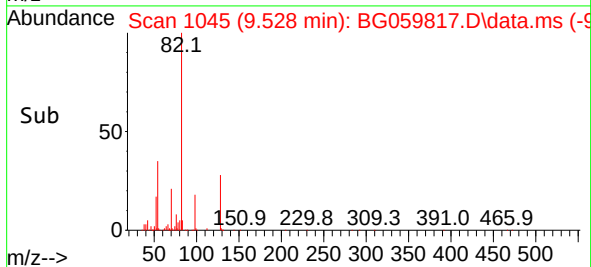
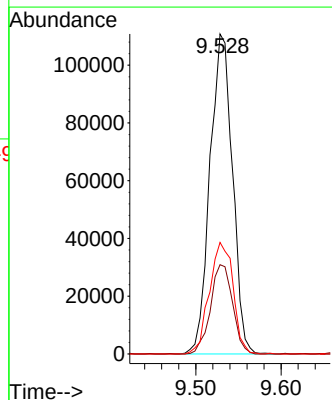
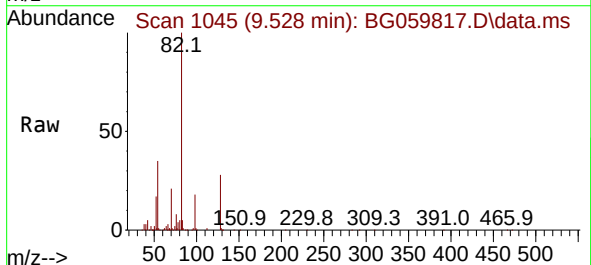
Instrument :
BNA_G
ClientSampleId :
SP1

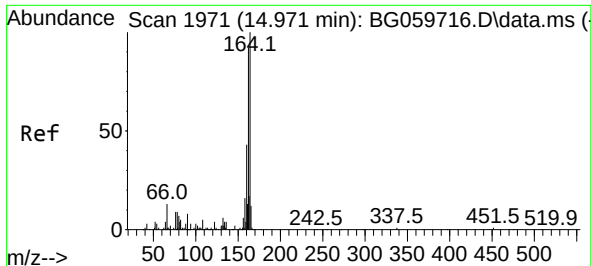
Tgt Ion:	136	Resp:	74787
Ion Ratio	Lower	Upper	
136	100		
137	13.0	7.4	11.0#
54	4.5	3.1	4.7
68	2.7	1.8	2.8



#23
Nitrobenzene-d5
Concen: 103.616 ng
RT: 9.528 min Scan# 1045
Delta R.T. -0.014 min
Lab File: BG059817.D
Acq: 22 Nov 2023 14:08

Tgt Ion:	82	Resp:	202900
Ion Ratio	Lower	Upper	
82	100		
128	27.9	23.0	34.6
54	34.8	28.7	43.1

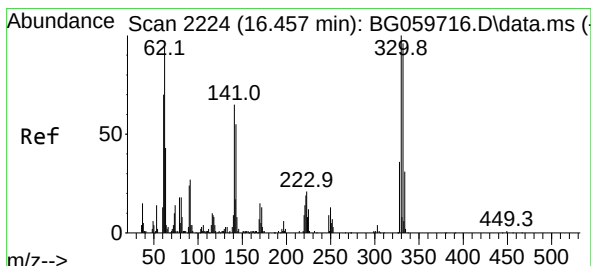
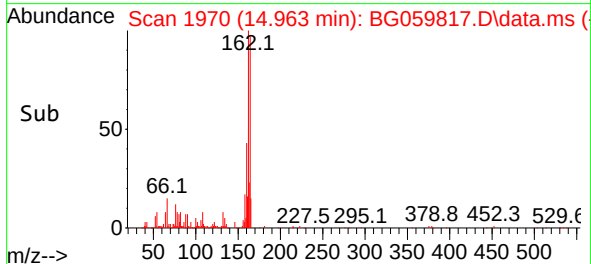
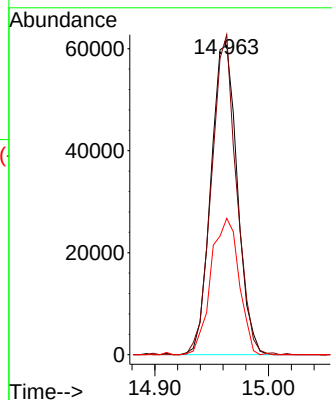
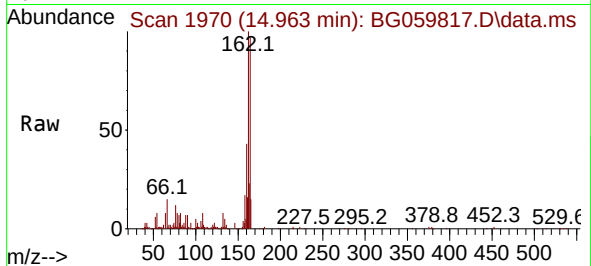




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.963 min Scan# 1971
Delta R.T. -0.008 min
Lab File: BG059817.D
Acq: 22 Nov 2023 14:08

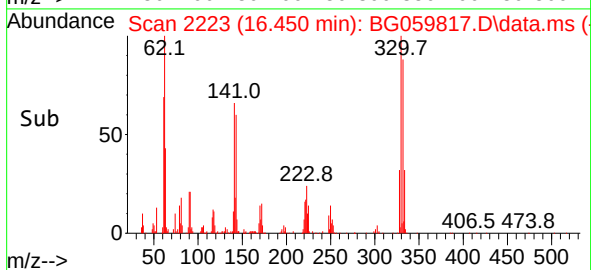
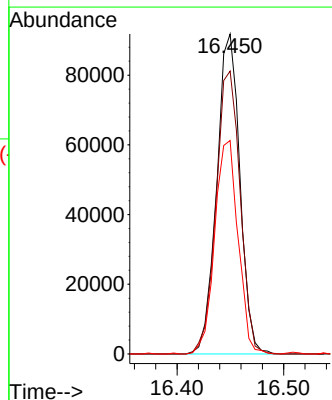
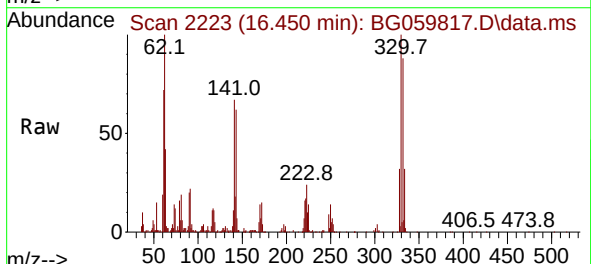
Instrument :
BNA_G
ClientSampleId :
SP1

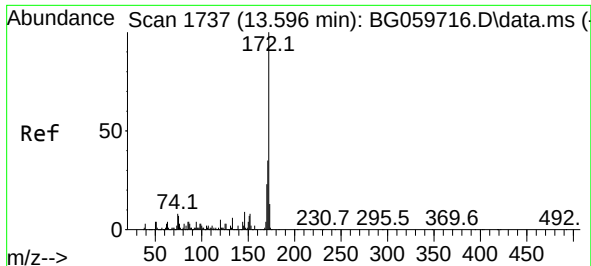
Tgt Ion:164 Resp: 97957
Ion Ratio Lower Upper
164 100
162 103.5 73.3 109.9
160 44.1 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 124.328 ng
RT: 16.450 min Scan# 2223
Delta R.T. -0.008 min
Lab File: BG059817.D
Acq: 22 Nov 2023 14:08

Tgt Ion:330 Resp: 138184
Ion Ratio Lower Upper
330 100
332 92.1 73.3 109.9
141 67.3 52.1 78.1

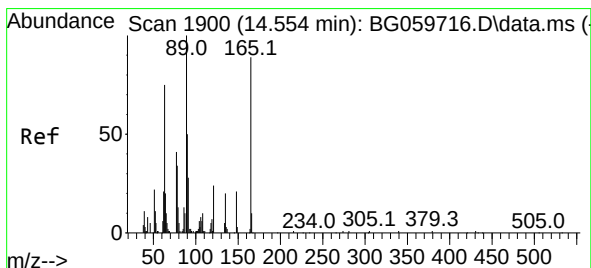
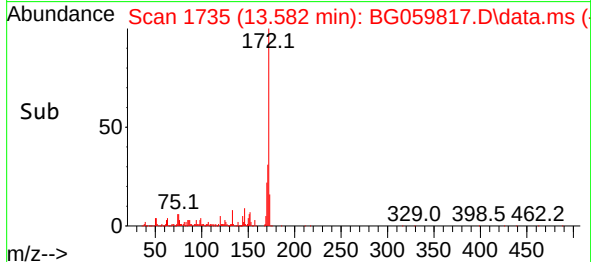
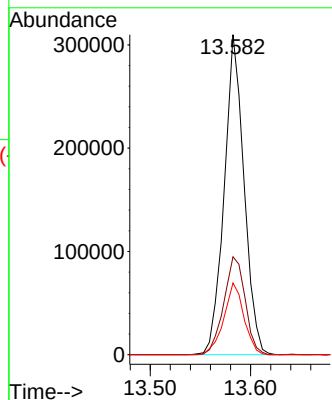
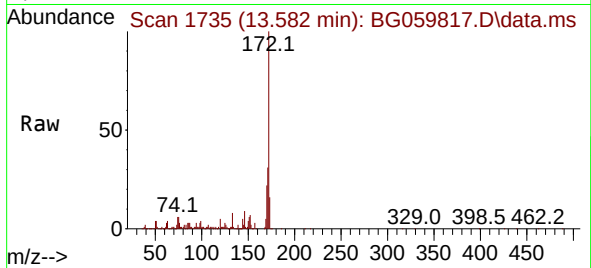




#45
2-Fluorobiphenyl
Concen: 58.311 ng
RT: 13.582 min Scan# 1
Delta R.T. -0.014 min
Lab File: BG059817.D
Acq: 22 Nov 2023 14:08

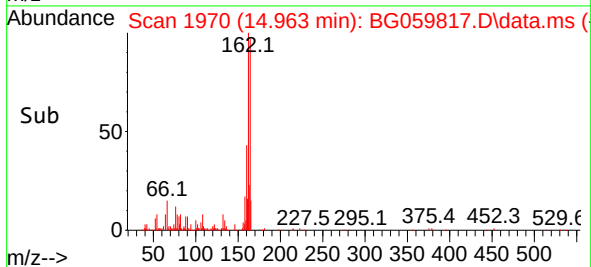
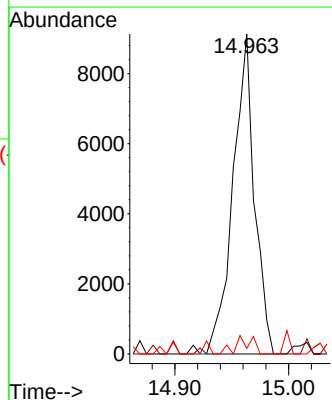
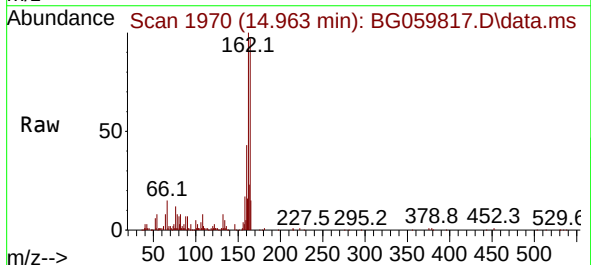
Instrument :
BNA_G
ClientSampleId :
SP1

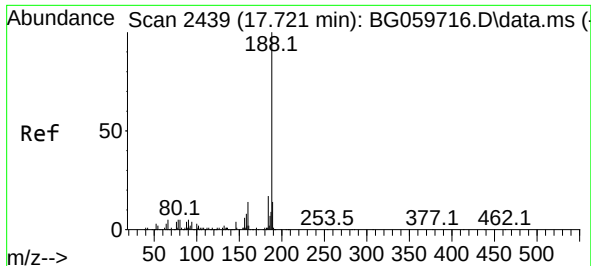
Tgt Ion:172 Resp: 424355
Ion Ratio Lower Upper
172 100
171 30.6 27.7 41.5
170 22.4 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 8.347 ng
RT: 14.963 min Scan# 1970
Delta R.T. 0.409 min
Lab File: BG059817.D
Acq: 22 Nov 2023 14:08

Tgt Ion:165 Resp: 12021
Ion Ratio Lower Upper
165 100
63 0.0 75.3 112.9#
89 1.8 90.9 136.3#

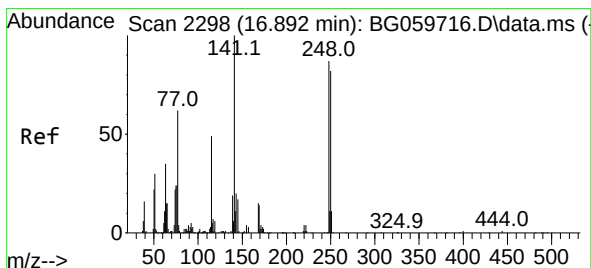
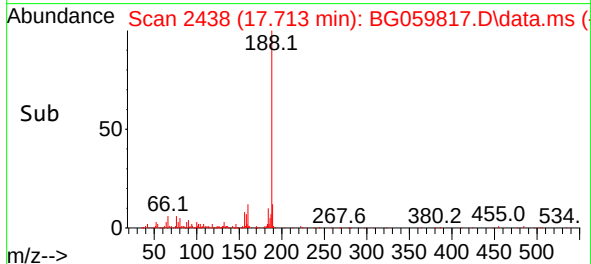
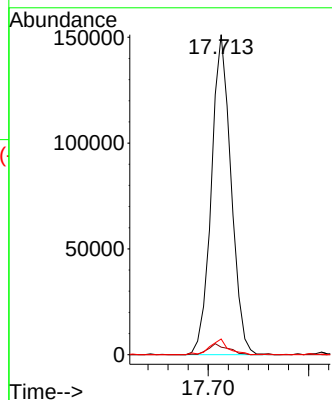
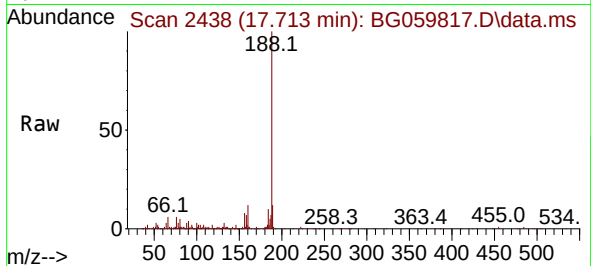




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.713 min Scan# 2439
Delta R.T. -0.008 min
Lab File: BG059817.D
Acq: 22 Nov 2023 14:08

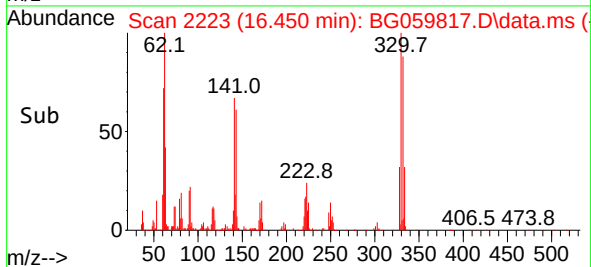
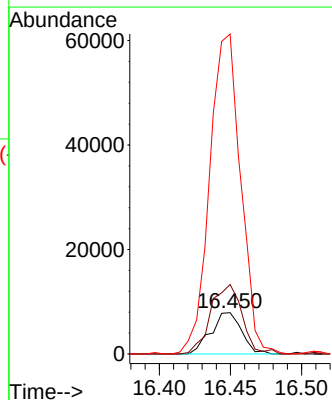
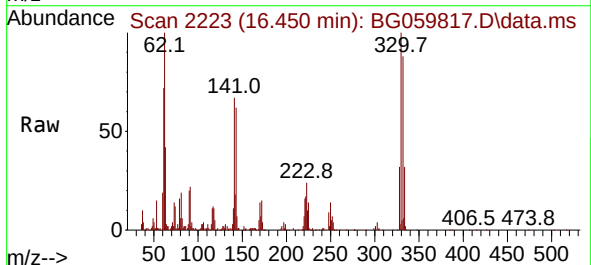
Instrument :
BNA_G
ClientSampleId :
SP1

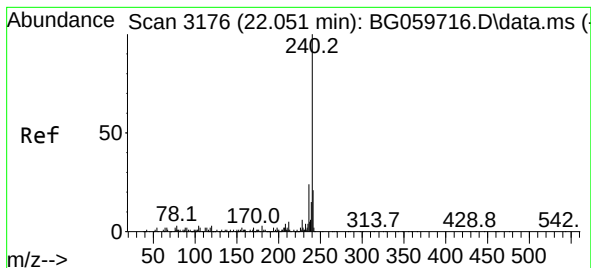
Tgt Ion:188 Resp: 206257
Ion Ratio Lower Upper
188 100
94 2.4 3.0 4.4#
80 4.9 4.2 6.4



#67
4-Bromophenyl-phenylether
Concen: 5.358 ng
RT: 16.450 min Scan# 2223
Delta R.T. -0.443 min
Lab File: BG059817.D
Acq: 22 Nov 2023 14:08

Tgt Ion:248 Resp: 11872
Ion Ratio Lower Upper
248 100
250 168.3 75.2 112.8#
141 775.7 91.5 137.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.043 min Scan# 31

Delta R.T. -0.008 min

Lab File: BG059817.D

Acq: 22 Nov 2023 14:08

Instrument :

BNA_G

ClientSampleId :

SP1

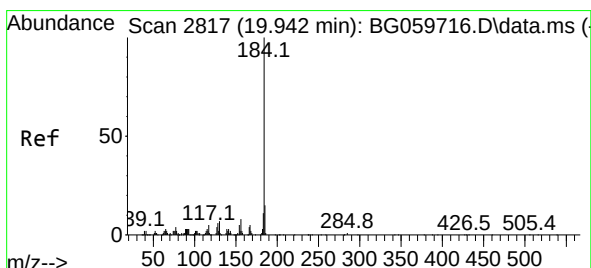
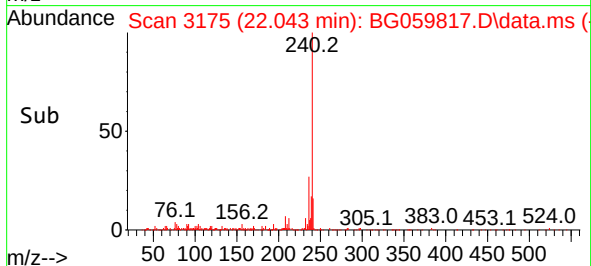
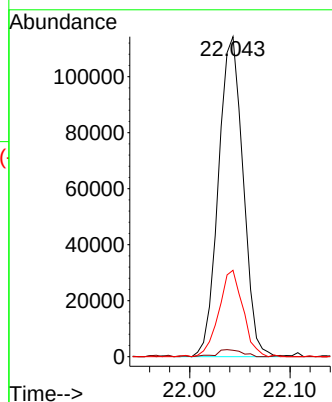
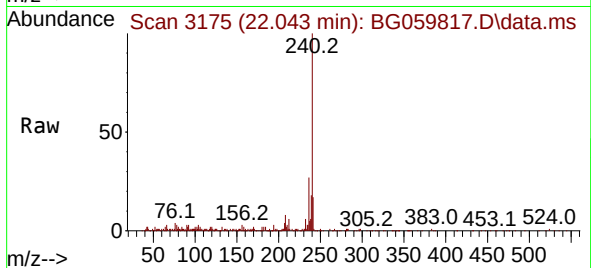
Tgt Ion:240 Resp: 195041

Ion Ratio Lower Upper

240 100

120 2.0 2.2 3.2#

236 27.0 19.4 29.2



#77

Benzidine

Concen: 6.671 ng

RT: 20.292 min Scan# 2877

Delta R.T. 0.351 min

Lab File: BG059817.D

Acq: 22 Nov 2023 14:08

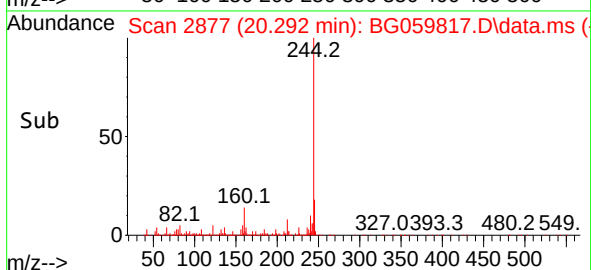
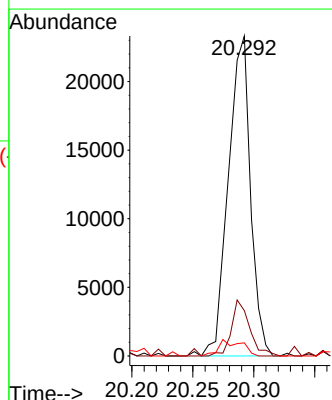
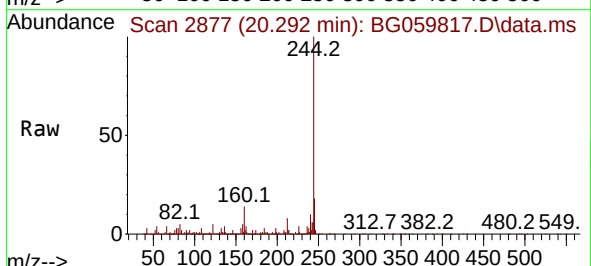
Tgt Ion:184 Resp: 29504

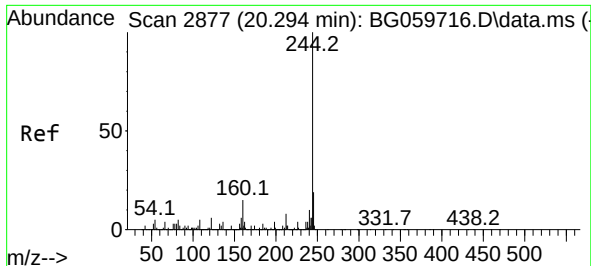
Ion Ratio Lower Upper

184 100

185 14.2 12.2 18.2

183 4.1 8.8 13.2#

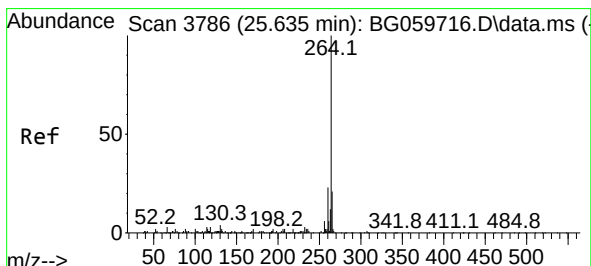
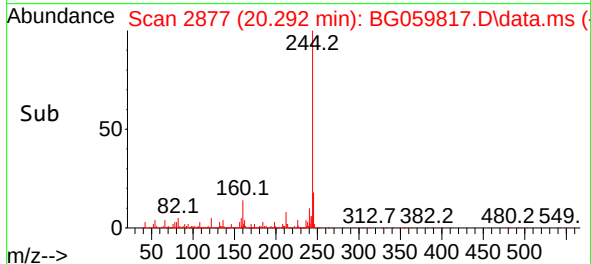
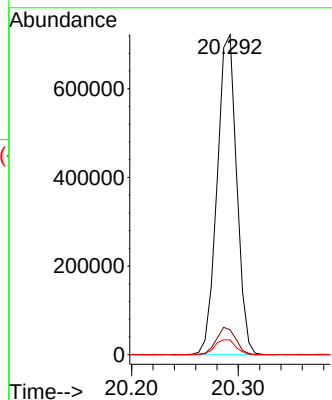
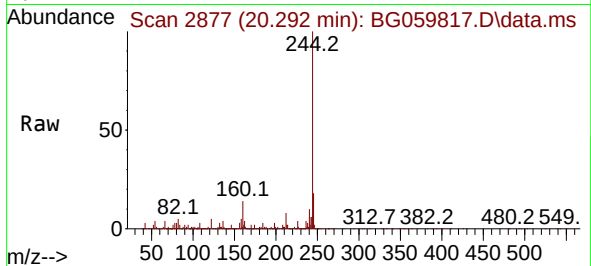




#79
 Terphenyl-d14
 Concen: 69.365 ng
 RT: 20.292 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG059817.D
 Acq: 22 Nov 2023 14:08

Instrument :
 BNA_G
 ClientSampleId :
 SP1

Tgt Ion:244 Resp: 916449
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.6 10.0
 122 4.6 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.621 min Scan# 3784
 Delta R.T. -0.014 min
 Lab File: BG059817.D
 Acq: 22 Nov 2023 14:08

Tgt Ion:264 Resp: 228352
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.5 27.7
 265 19.9 17.0 25.6

