

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112123\
 Data File : BG059807.D
 Acq On : 22 Nov 2023 1:08
 Operator : MA/JU
 Sample : 05379-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-5

Quant Time: Nov 22 02:12:20 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)

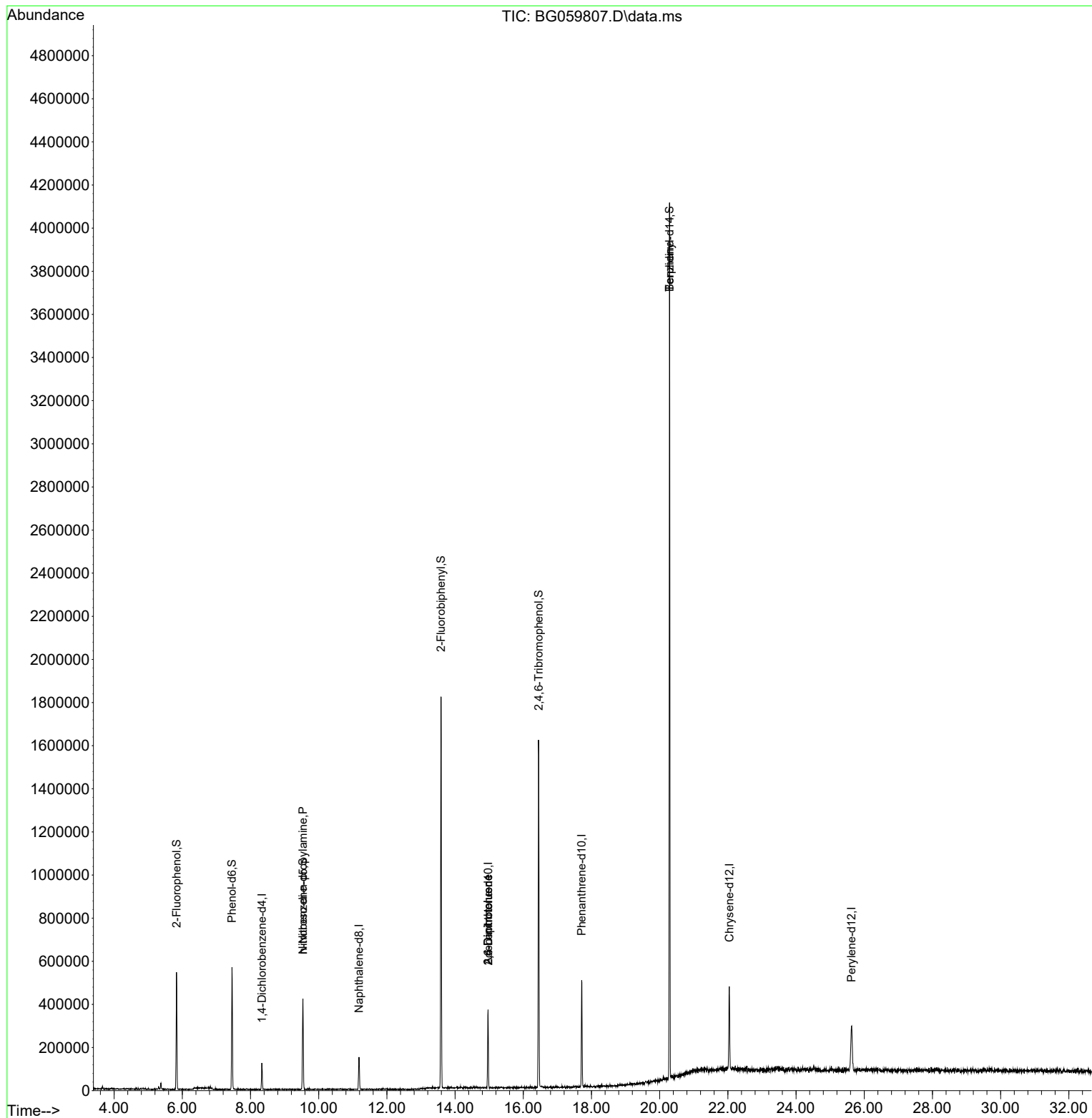
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.341	152	23702	20.000	ng	0.00
21) Naphthalene-d8	11.185	136	110193	20.000	ng	# 0.00
39) Acenaphthene-d10	14.969	164	112754	20.000	ng	0.00
64) Phenanthrene-d10	17.713	188	277831	20.000	ng	0.00
76) Chrysene-d12	22.043	240	222646	20.000	ng	# 0.00
86) Perylene-d12	25.627	264	252337	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.832	112	181550	128.923	ng	0.00
7) Phenol-d6	7.460	99	243386	116.630	ng	0.00
23) Nitrobenzene-d5	9.540	82	257255	89.162	ng	0.00
42) 2,4,6-Tribromophenol	16.455	330	225578	176.325	ng	0.00
45) 2-Fluorobiphenyl	13.588	172	785847	93.814	ng	0.00
79) Terphenyl-d14	20.292	244	1667165	110.541	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.540	70	41849	25.466	ng	# 79
51) 2,6-Dinitrotoluene	14.969	165	15058	9.084	ng	# 4
57) 2,4-Dinitrotoluene	14.969	165	15058	5.907	ng	# 7
77) Benzidine	20.292	184	48971	9.700	ng	# 84

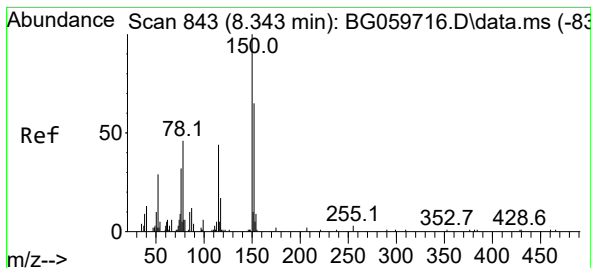
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG059807.D

Acq: 22 Nov 2023 1:08

Instrument :

BNA_G

ClientSampleId :

WC-5

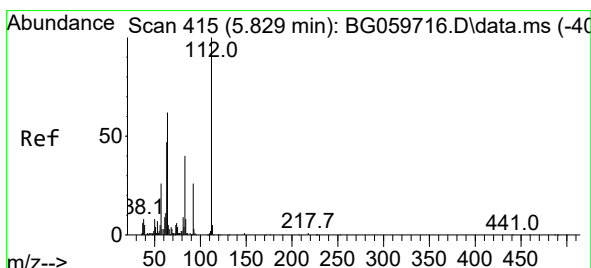
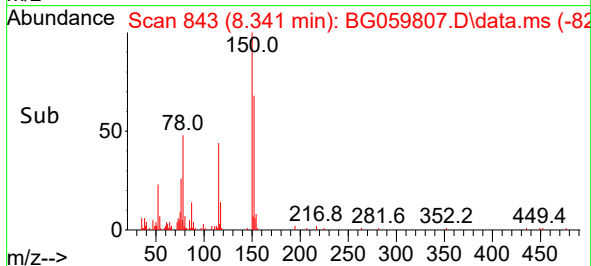
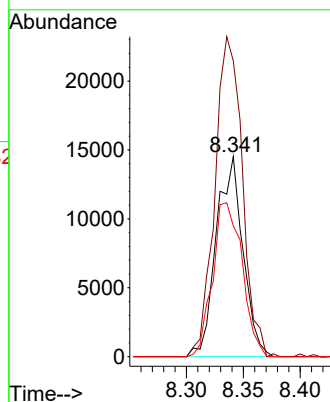
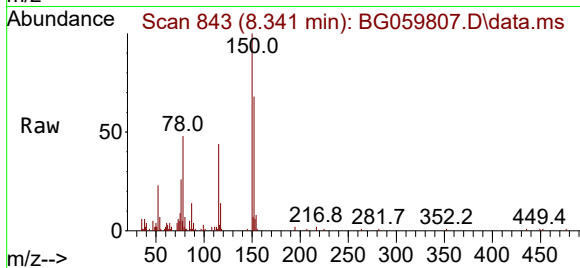
Tgt Ion:152 Resp: 23702

Ion Ratio Lower Upper

152 100

150 147.7 122.2 183.4

115 65.3 54.2 81.4



#5

2-Fluorophenol

Concen: 128.923 ng

RT: 5.832 min Scan# 416

Delta R.T. 0.004 min

Lab File: BG059807.D

Acq: 22 Nov 2023 1:08

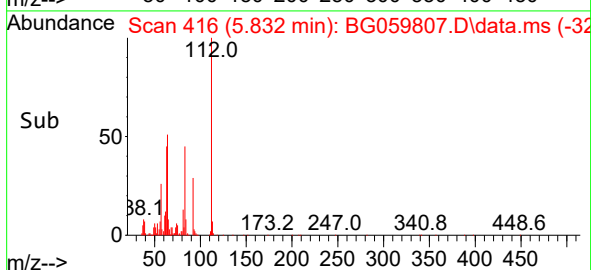
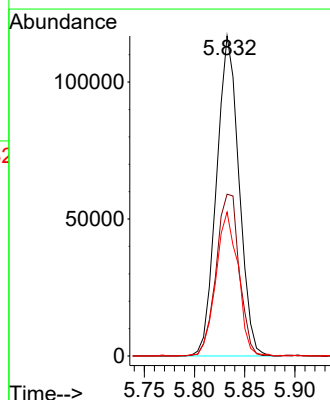
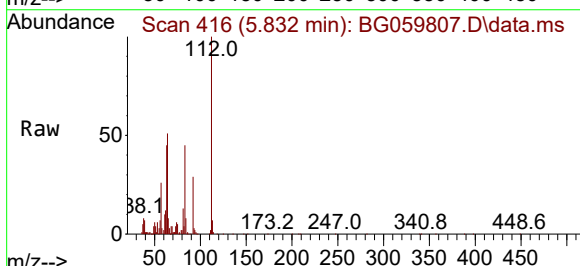
Tgt Ion:112 Resp: 181550

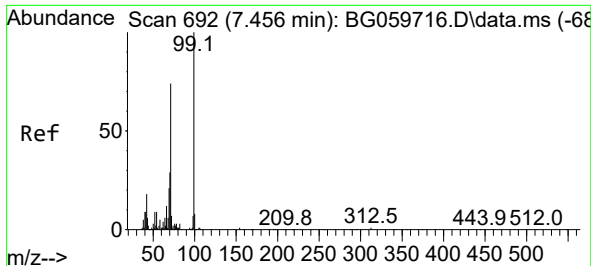
Ion Ratio Lower Upper

112 100

64 50.6 49.5 74.3

63 44.9 37.4 56.2

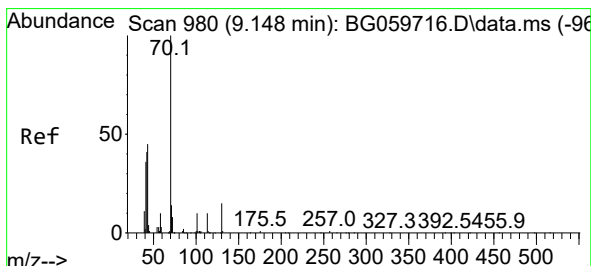
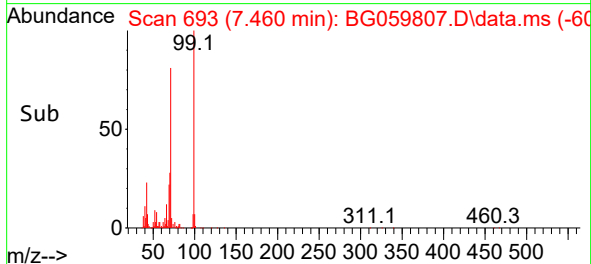
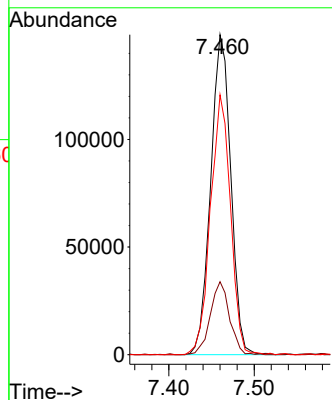
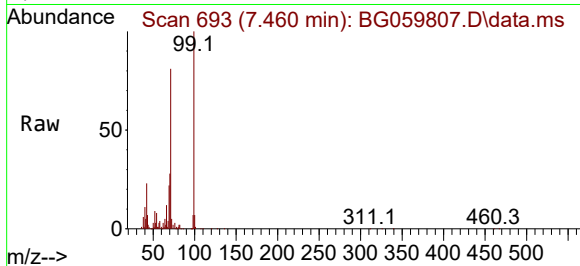




#7
Phenol-d6
Concen: 116.630 ng
RT: 7.460 min Scan# 692
Delta R.T. 0.004 min
Lab File: BG059807.D
Acq: 22 Nov 2023 1:08

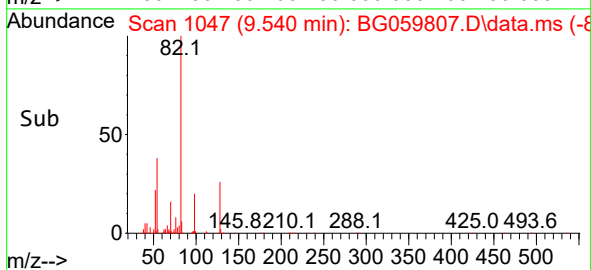
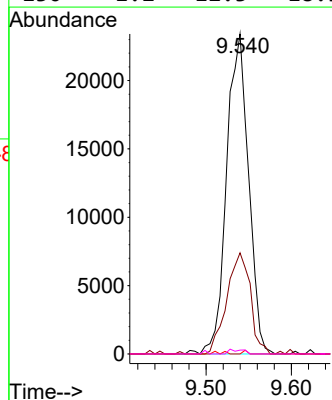
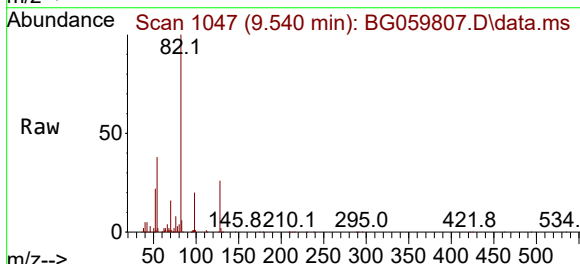
Instrument :
BNA_G
ClientSampleId :
WC-5

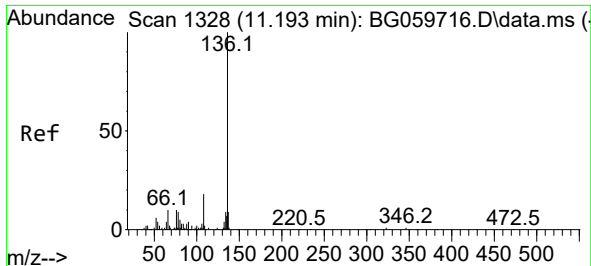
Tgt Ion: 99 Resp: 243386
Ion Ratio Lower Upper
99 100
42 22.8 14.3 21.5#
71 81.2 59.3 88.9



#19
n-Nitroso-di-n-propylamine
Concen: 25.466 ng
RT: 9.540 min Scan# 1047
Delta R.T. 0.392 min
Lab File: BG059807.D
Acq: 22 Nov 2023 1:08

Tgt Ion: 70 Resp: 41849
Ion Ratio Lower Upper
70 100
42 31.6 32.8 49.2#
101 0.0 7.7 11.5#
130 1.2 12.3 18.5#

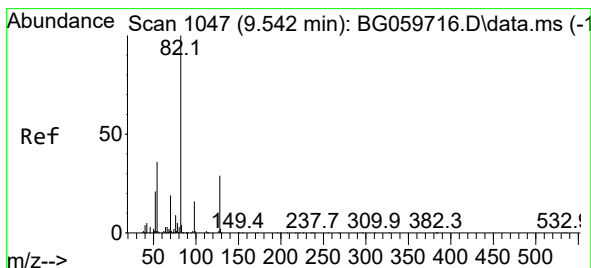
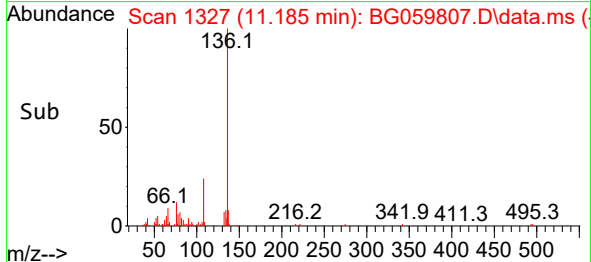
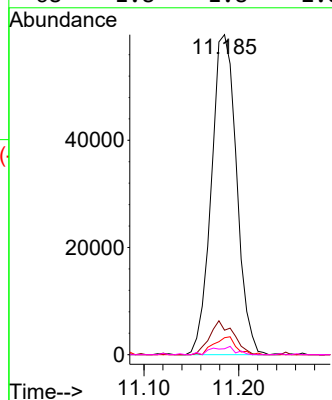
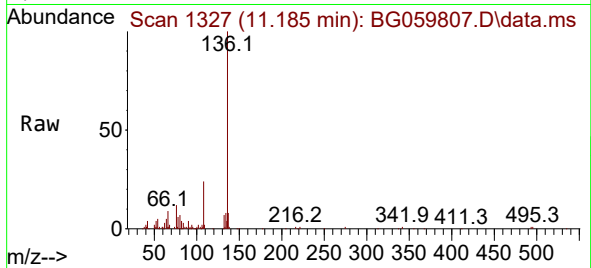




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.185 min Scan# 111
Delta R.T. -0.008 min
Lab File: BG059807.D
Acq: 22 Nov 2023 1:08

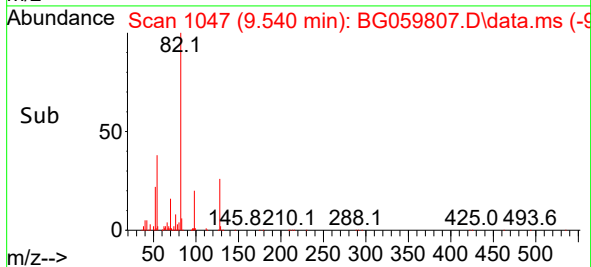
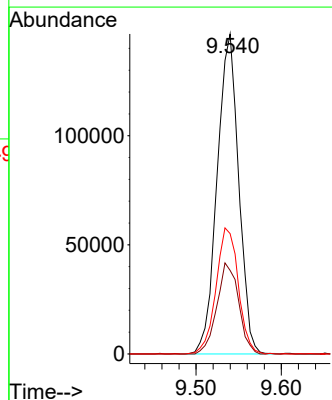
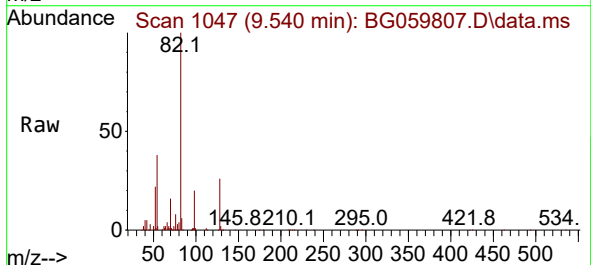
Instrument :
BNA_G
ClientSampleId :
WC-5

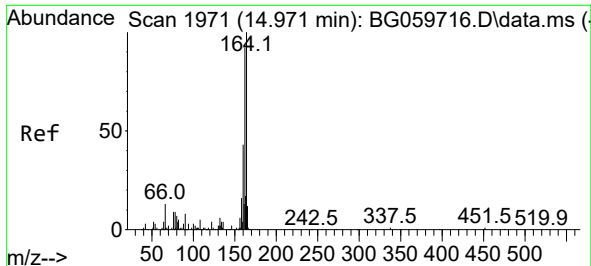
Tgt Ion:136 Resp: 110193
Ion Ratio Lower Upper
136 100
137 7.6 7.4 11.0
54 5.3 3.1 4.7#
68 1.8 1.8 2.8



#23
Nitrobenzene-d5
Concen: 89.162 ng
RT: 9.540 min Scan# 1047
Delta R.T. -0.002 min
Lab File: BG059807.D
Acq: 22 Nov 2023 1:08

Tgt Ion: 82 Resp: 257255
Ion Ratio Lower Upper
82 100
128 26.1 23.0 34.6
54 37.6 28.7 43.1

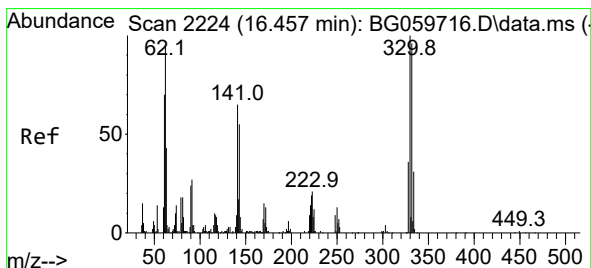
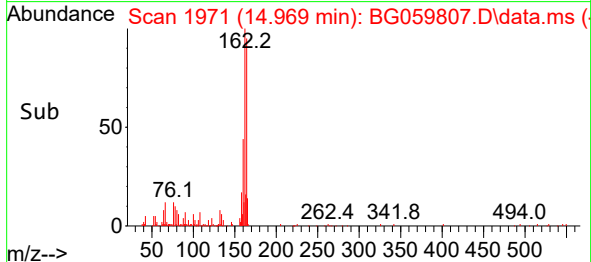
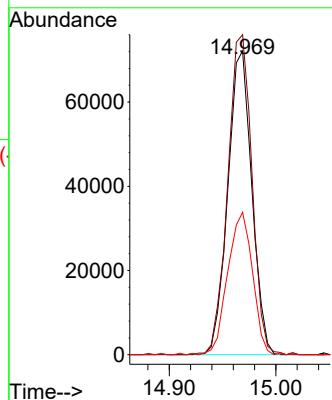
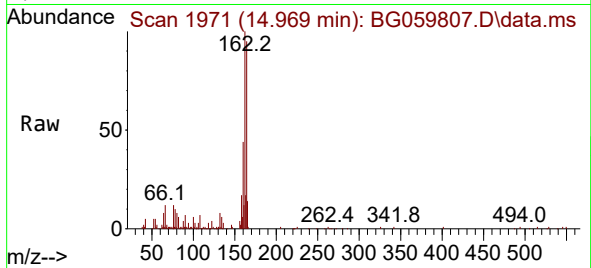




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.969 min Scan# 1971
Delta R.T. -0.002 min
Lab File: BG059807.D
Acq: 22 Nov 2023 1:08

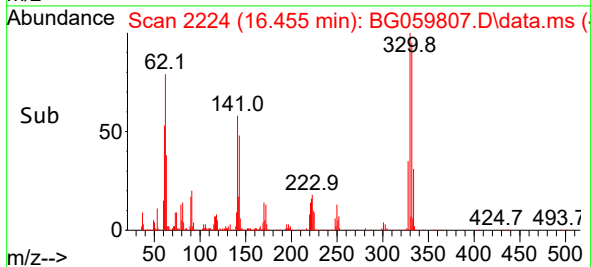
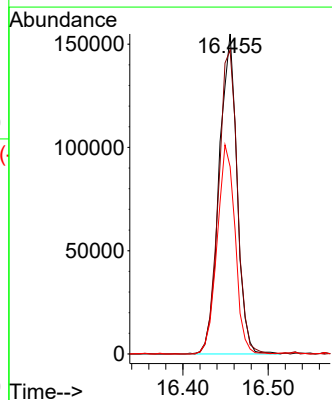
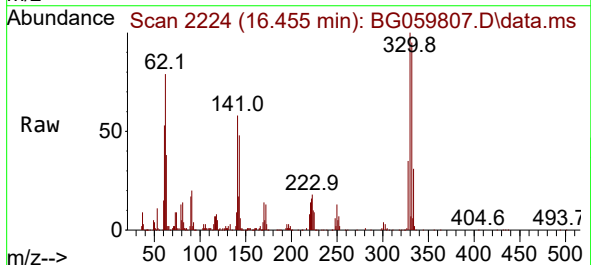
Instrument :
BNA_G
ClientSampleId :
WC-5

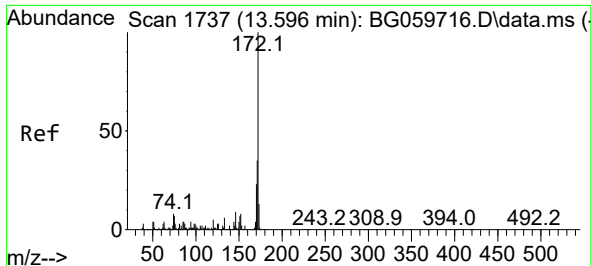
Tgt Ion:164 Resp: 112754
Ion Ratio Lower Upper
164 100
162 105.3 73.3 109.9
160 46.9 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 176.325 ng
RT: 16.455 min Scan# 2224
Delta R.T. -0.002 min
Lab File: BG059807.D
Acq: 22 Nov 2023 1:08

Tgt Ion:330 Resp: 225578
Ion Ratio Lower Upper
330 100
332 100.0 73.3 109.9
141 65.6 52.1 78.1

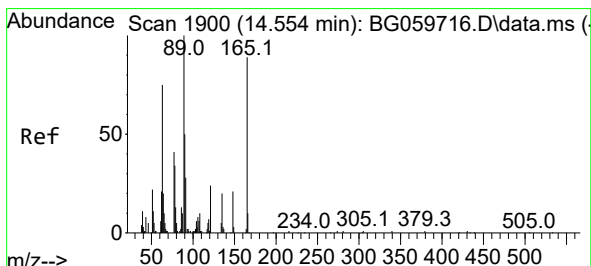
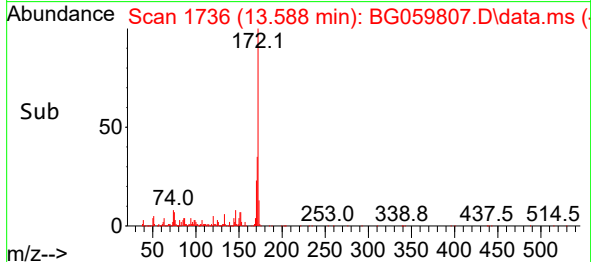
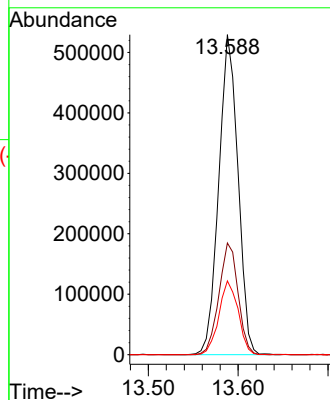
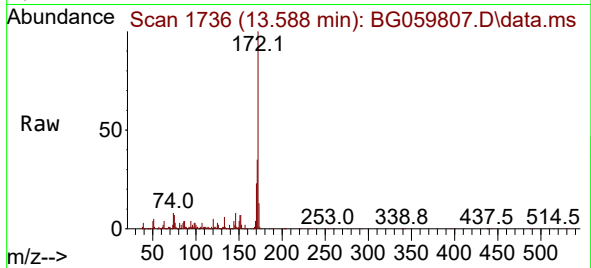




#45
2-Fluorobiphenyl
Concen: 93.814 ng
RT: 13.588 min Scan# 1736
Delta R.T. -0.008 min
Lab File: BG059807.D
Acq: 22 Nov 2023 1:08

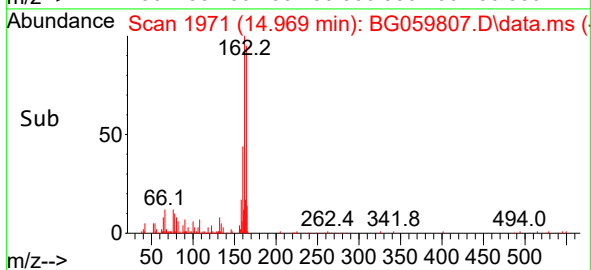
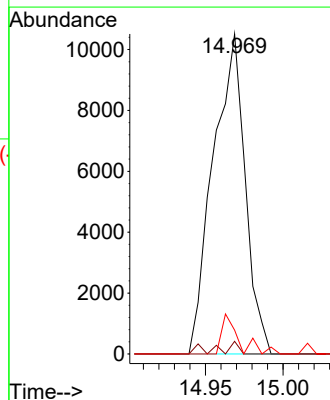
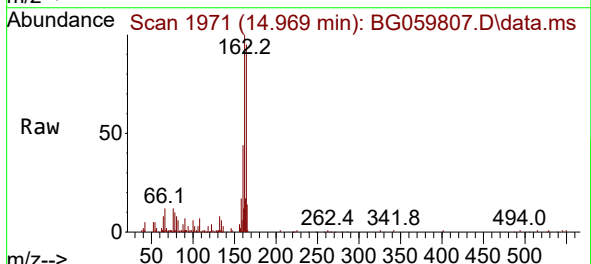
Instrument :
BNA_G
ClientSampleId :
WC-5

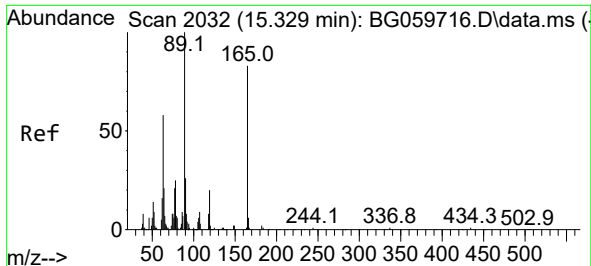
Tgt Ion:172 Resp: 785847
Ion Ratio Lower Upper
172 100
171 34.9 27.7 41.5
170 23.0 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 9.084 ng
RT: 14.969 min Scan# 1971
Delta R.T. 0.415 min
Lab File: BG059807.D
Acq: 22 Nov 2023 1:08

Tgt Ion:165 Resp: 15058
Ion Ratio Lower Upper
165 100
63 4.0 75.3 112.9#
89 7.5 90.9 136.3#





#57

2,4-Dinitrotoluene

Concen: 5.907 ng

RT: 14.969 min Scan# 1971

Delta R.T. -0.361 min

Lab File: BG059807.D

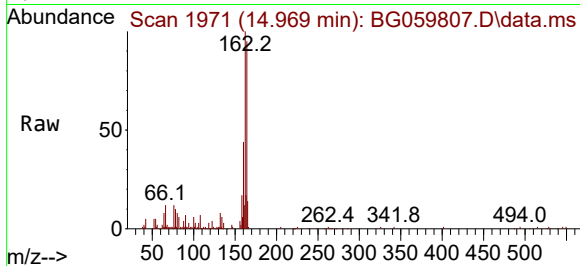
Acq: 22 Nov 2023 1:08

Instrument :

BNA_G

ClientSampleId :

WC-5



Tgt Ion:165 Resp: 15058

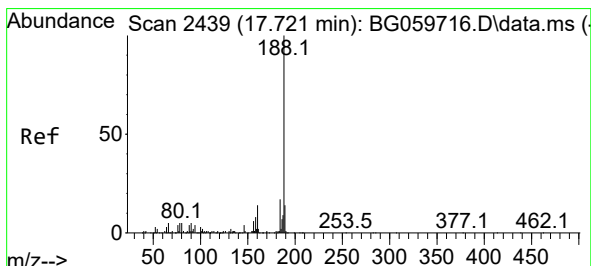
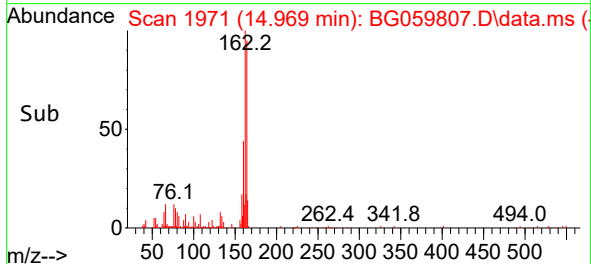
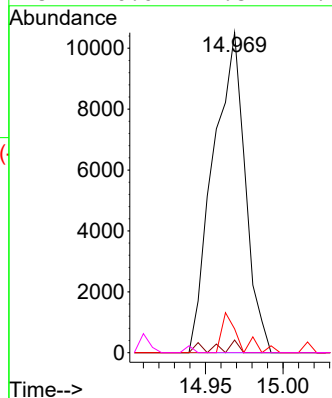
Ion Ratio Lower Upper

165 100

63 4.0 55.8 83.8#

89 7.5 96.9 145.3#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.713 min Scan# 2438

Delta R.T. -0.008 min

Lab File: BG059807.D

Acq: 22 Nov 2023 1:08

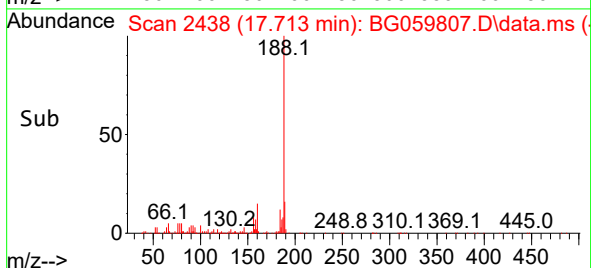
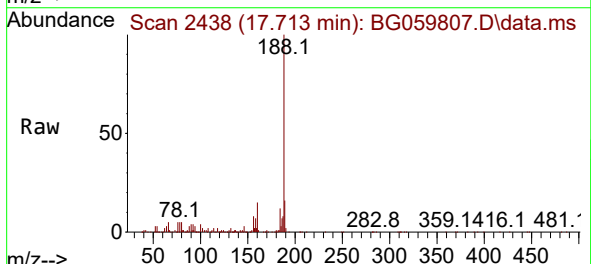
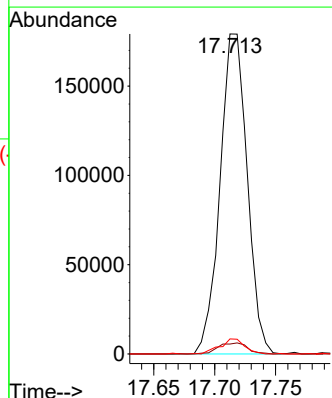
Tgt Ion:188 Resp: 277831

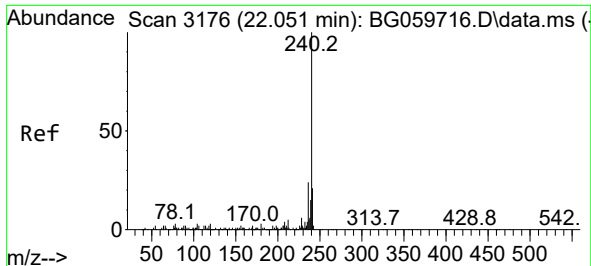
Ion Ratio Lower Upper

188 100

94 3.1 3.0 4.4

80 4.7 4.2 6.4

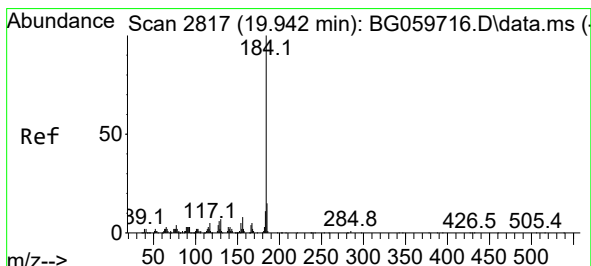
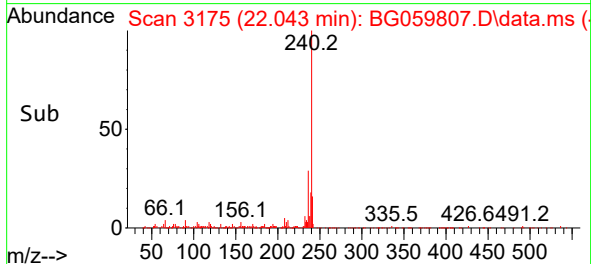
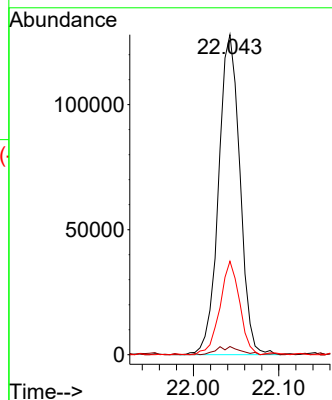
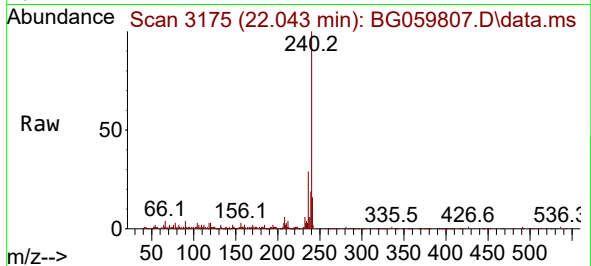




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.043 min Scan# 3175
Delta R.T. -0.008 min
Lab File: BG059807.D
Acq: 22 Nov 2023 1:08

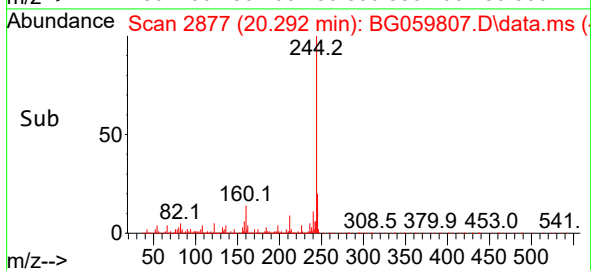
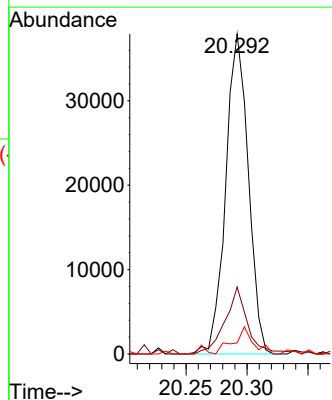
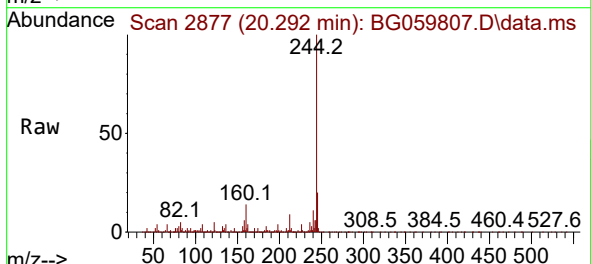
Instrument :
BNA_G
ClientSampleId :
WC-5

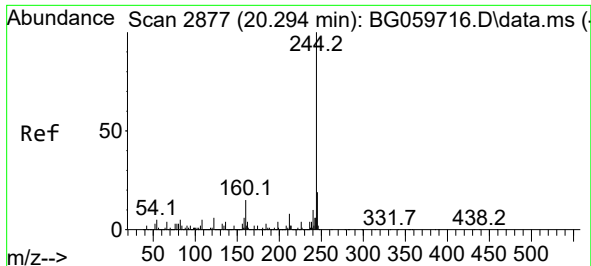
Tgt Ion:240 Resp: 222646
Ion Ratio Lower Upper
240 100
120 2.6 2.2 3.2
236 29.2 19.4 29.2#



#77
Benzidine
Concen: 9.700 ng
RT: 20.292 min Scan# 2877
Delta R.T. 0.350 min
Lab File: BG059807.D
Acq: 22 Nov 2023 1:08

Tgt Ion:184 Resp: 48971
Ion Ratio Lower Upper
184 100
185 20.9 12.2 18.2#
183 3.5 8.8 13.2#

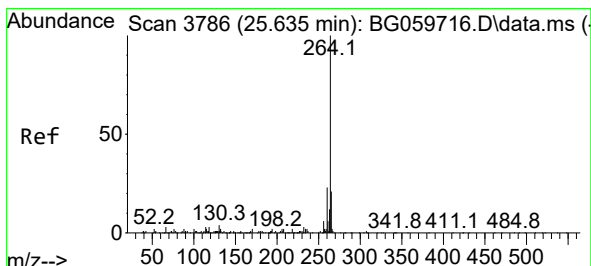
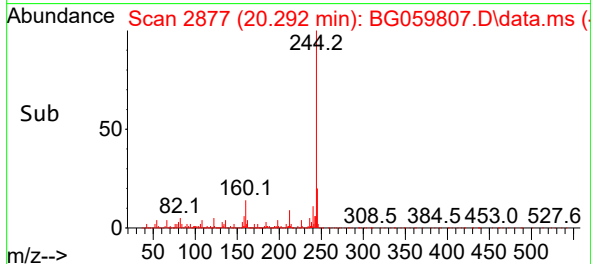
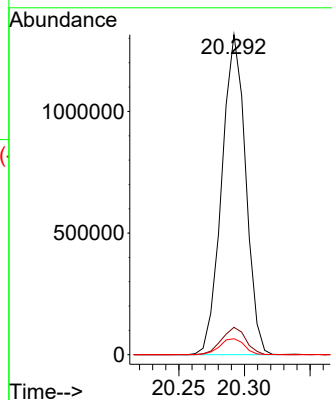
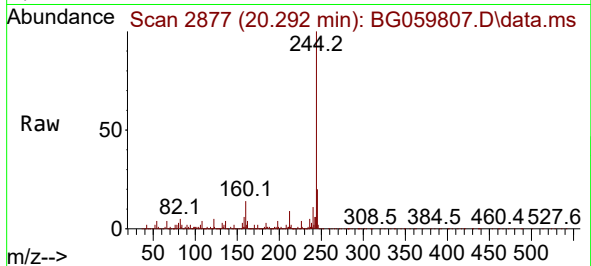




#79
 Terphenyl-d14
 Concen: 110.541 ng
 RT: 20.292 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG059807.D
 Acq: 22 Nov 2023 1:08

Instrument :
 BNA_G
 ClientSampleId :
 WC-5

Tgt Ion:244 Resp: 1667165
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.6 10.0
 122 5.0 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.627 min Scan# 3785
 Delta R.T. -0.008 min
 Lab File: BG059807.D
 Acq: 22 Nov 2023 1:08

Tgt Ion:264 Resp: 252337
 Ion Ratio Lower Upper
 264 100
 260 18.7 18.5 27.7
 265 19.5 17.0 25.6

