

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112223\
 Data File : BG059828.D
 Acq On : 22 Nov 2023 21:45
 Operator : MA/JU
 Sample : 05449-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-SED-01

Quant Time: Nov 23 01:30:26 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)

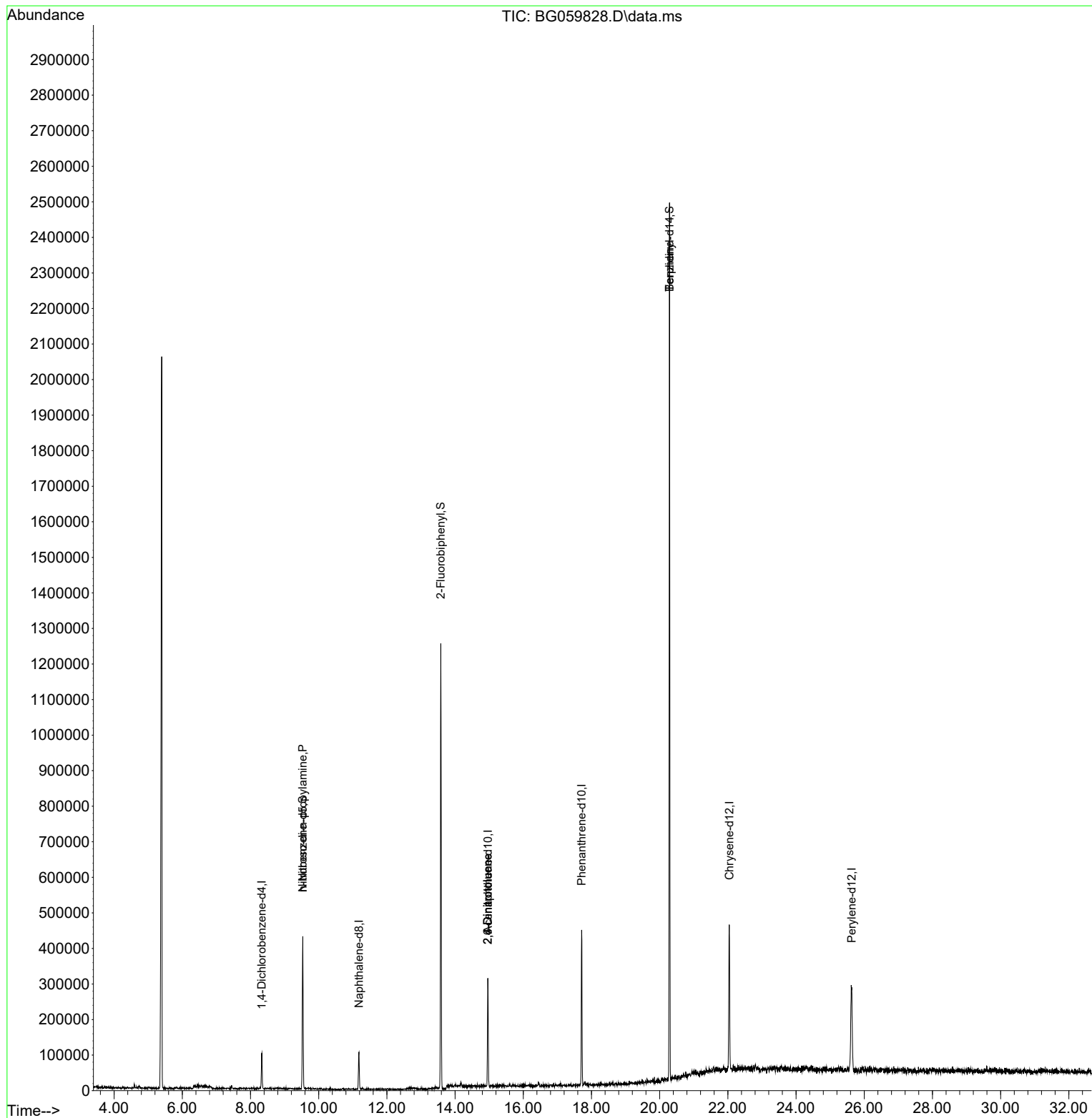
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.329	152	20992	20.000	ng	-0.01
21) Naphthalene-d8	11.184	136	76160	20.000	ng	# 0.00
39) Acenaphthene-d10	14.962	164	92795	20.000	ng	0.00
64) Phenanthrene-d10	17.712	188	239946	20.000	ng	# 0.00
76) Chrysene-d12	22.042	240	254957	20.000	ng	0.00
86) Perylene-d12	25.632	264	285036	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.831	112	683	0.548	ng	0.00
7) Phenol-d6	7.447	99	3416	1.848	ng	0.00
23) Nitrobenzene-d5	9.533	82	259572	130.168	ng	0.00
42) 2,4,6-Tribromophenol	16.443	330	1110	1.054	ng	-0.01
45) 2-Fluorobiphenyl	13.581	172	543146	78.787	ng	-0.01
79) Terphenyl-d14	20.291	244	1006009	58.250	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.533	70	40714	27.974	ng	# 82
51) 2,6-Dinitrotoluene	14.956	165	13104	9.606	ng	# 1
57) 2,4-Dinitrotoluene	14.956	165	13104	6.246	ng	# 1
77) Benzidine	20.291	184	30040	5.196	ng	# 95

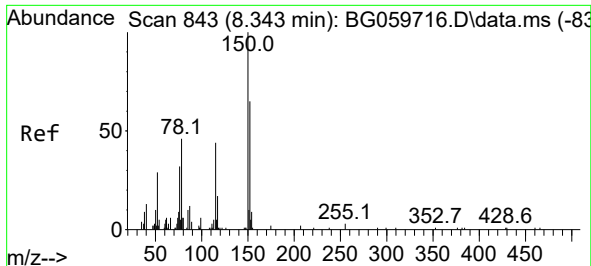
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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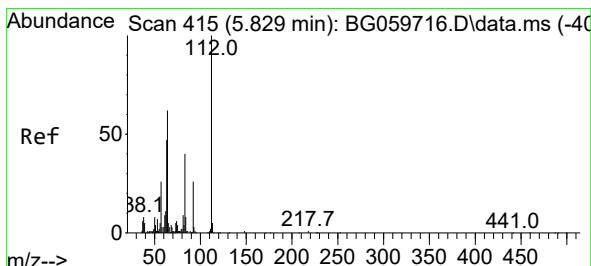
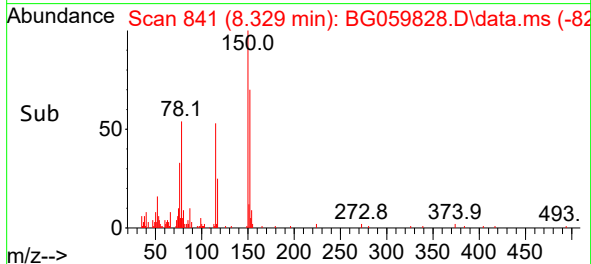
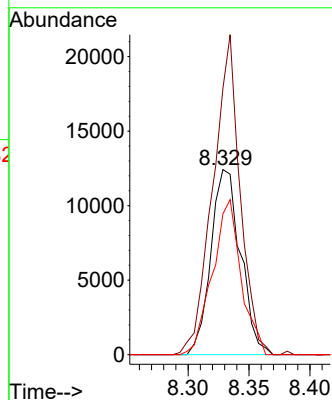
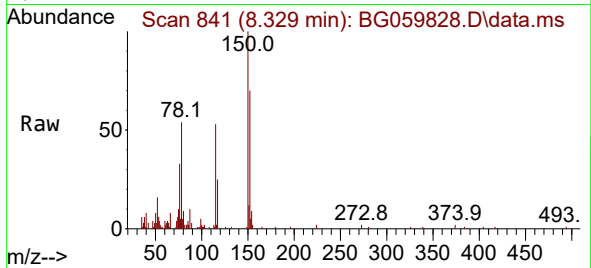




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.329 min Scan# 84
Delta R.T. -0.014 min
Lab File: BG059828.D
Acq: 22 Nov 2023 21:45

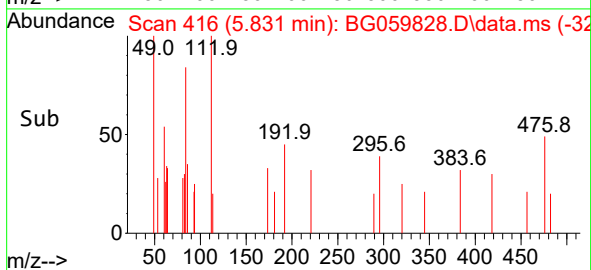
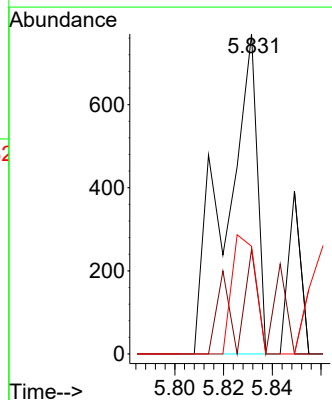
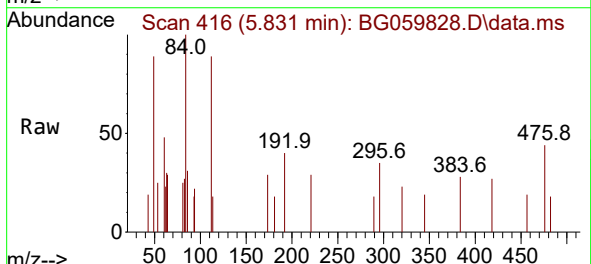
Instrument :
BNA_G
ClientSampleId :
WC-SED-01

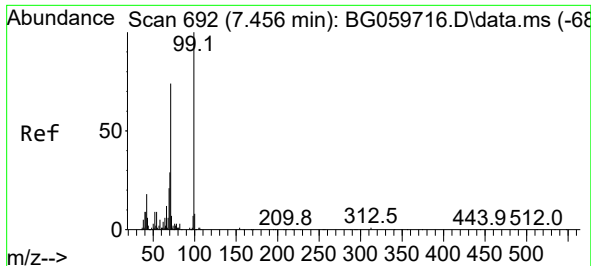
Tgt Ion:152 Resp: 20992
Ion Ratio Lower Upper
152 100
150 143.9 122.2 183.4
115 76.1 54.2 81.4



#5
2-Fluorophenol
Concen: 0.548 ng
RT: 5.831 min Scan# 416
Delta R.T. 0.003 min
Lab File: BG059828.D
Acq: 22 Nov 2023 21:45

Tgt Ion:112 Resp: 683
Ion Ratio Lower Upper
112 100
64 32.7 49.5 74.3#
63 33.6 37.4 56.2#

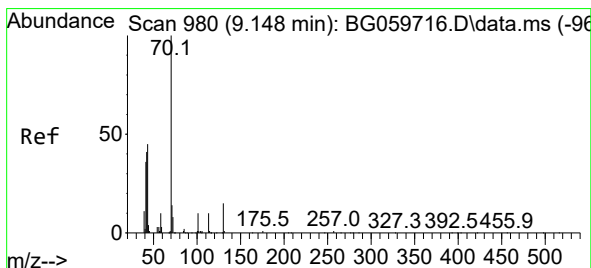
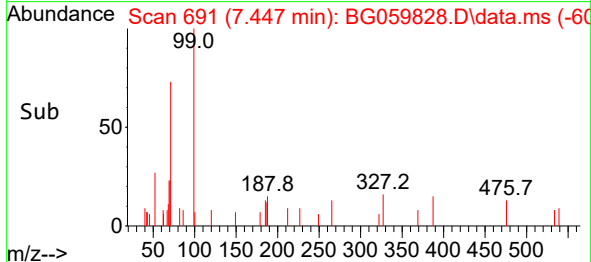
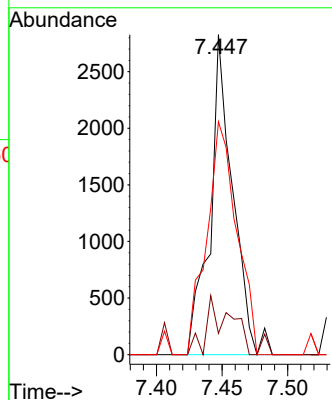
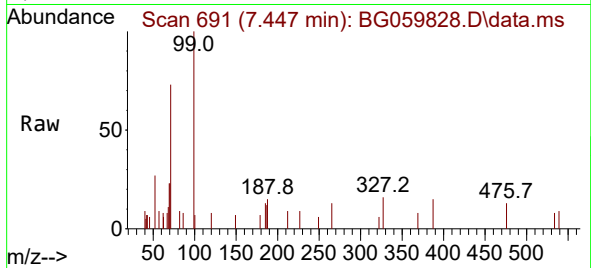




#7
Phenol-d6
Concen: 1.848 ng
RT: 7.447 min Scan# 691
Delta R.T. -0.009 min
Lab File: BG059828.D
Acq: 22 Nov 2023 21:45

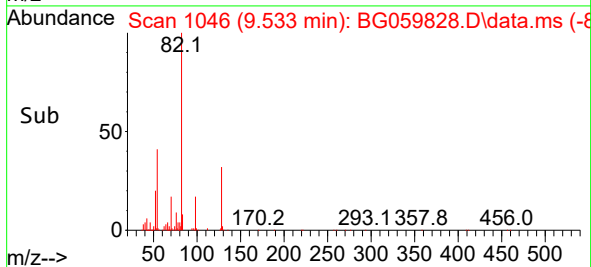
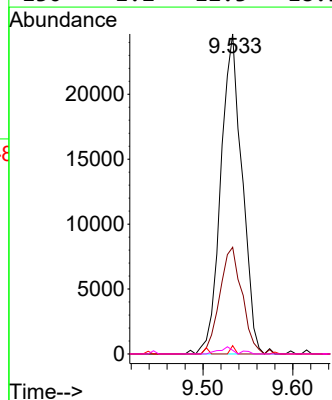
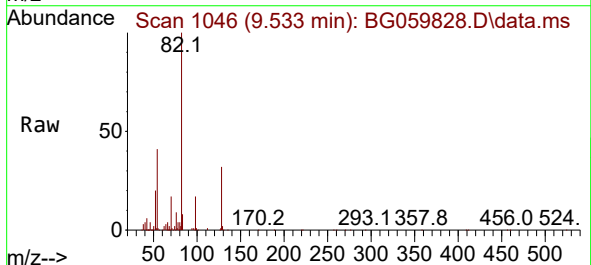
Instrument :
BNA_G
ClientSampleId :
WC-SED-01

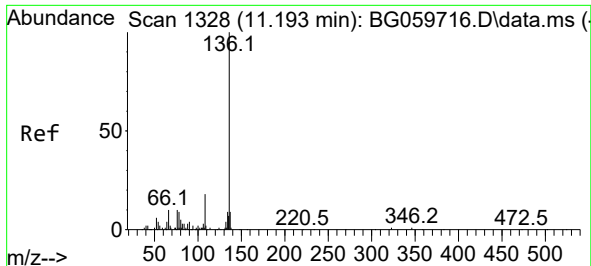
Tgt Ion: 99 Resp: 3416
Ion Ratio Lower Upper
99 100
42 6.7 14.3 21.5#
71 72.8 59.3 88.9



#19
n-Nitroso-di-n-propylamine
Concen: 27.974 ng
RT: 9.533 min Scan# 1046
Delta R.T. 0.385 min
Lab File: BG059828.D
Acq: 22 Nov 2023 21:45

Tgt Ion: 70 Resp: 40714
Ion Ratio Lower Upper
70 100
42 33.3 32.8 49.2
101 2.6 7.7 11.5#
130 1.2 12.3 18.5#

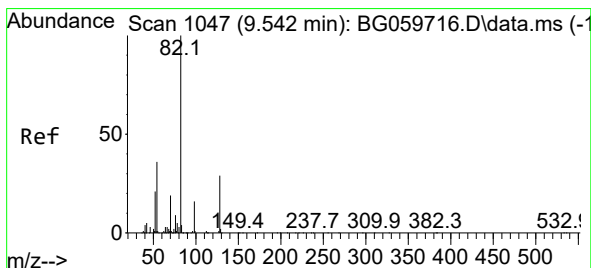
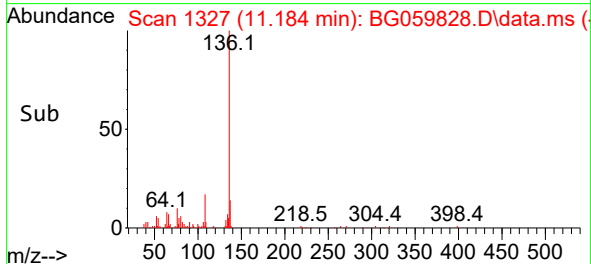
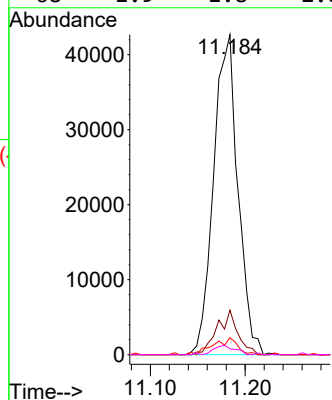
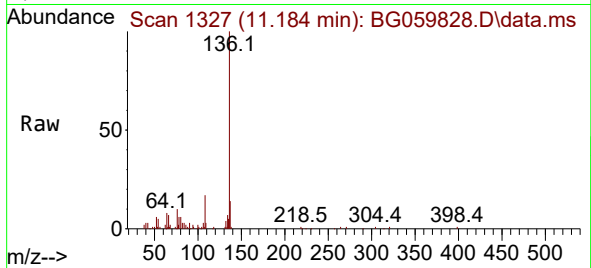




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.184 min Scan# 111
Delta R.T. -0.009 min
Lab File: BG059828.D
Acq: 22 Nov 2023 21:45

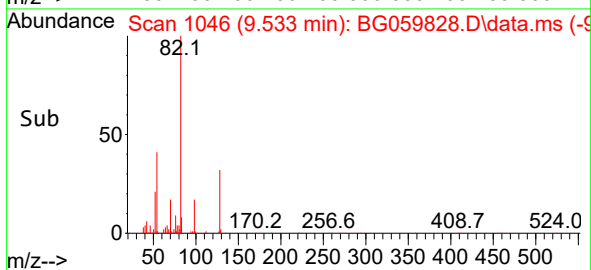
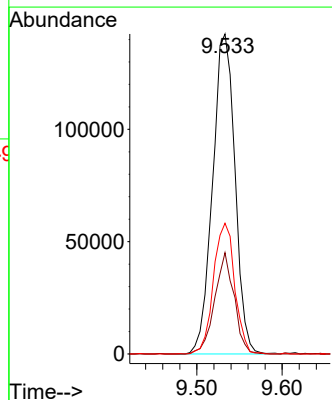
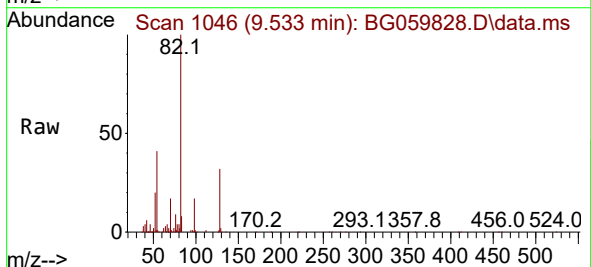
Instrument :
BNA_G
ClientSampleId :
WC-SED-01

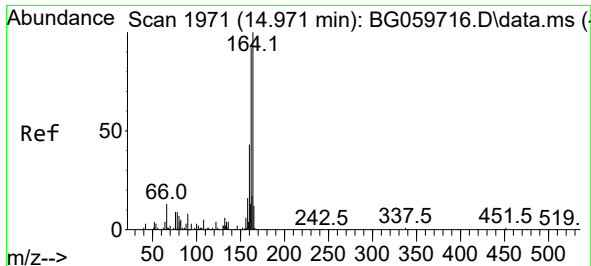
Tgt Ion:	136	Resp:	76160
Ion Ratio	Lower	Upper	
136	100		
137	13.9	7.4	11.0#
54	5.3	3.1	4.7#
68	1.9	1.8	2.8



#23
Nitrobenzene-d5
Concen: 130.168 ng
RT: 9.533 min Scan# 1046
Delta R.T. -0.009 min
Lab File: BG059828.D
Acq: 22 Nov 2023 21:45

Tgt Ion:	82	Resp:	259572
Ion Ratio	Lower	Upper	
82	100		
128	31.6	23.0	34.6
54	40.9	28.7	43.1

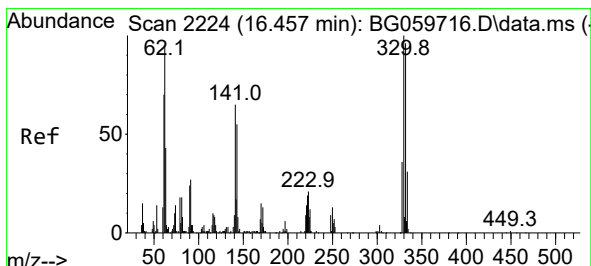
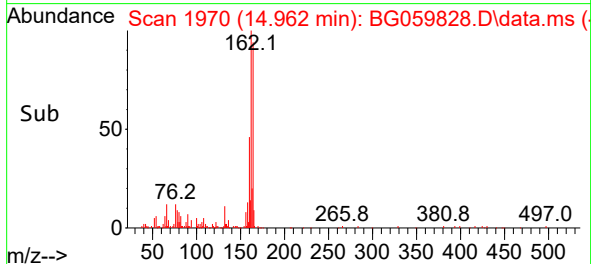
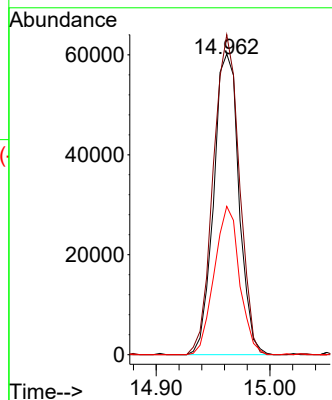
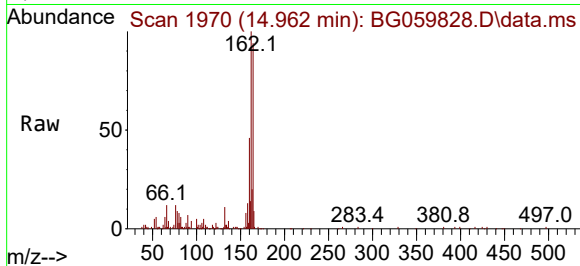




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.962 min Scan# 1970
Delta R.T. -0.009 min
Lab File: BG059828.D
Acq: 22 Nov 2023 21:45

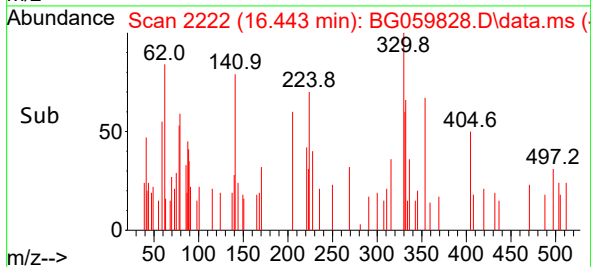
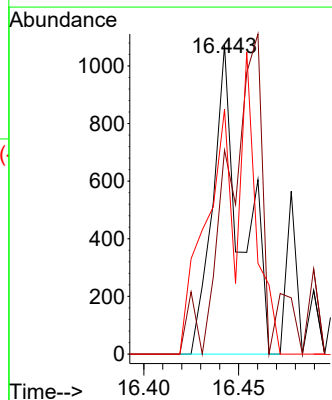
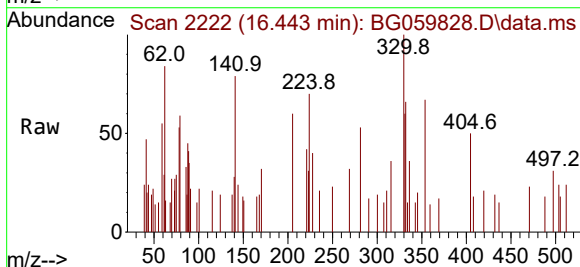
Instrument :
BNA_G
ClientSampleId :
WC-SED-01

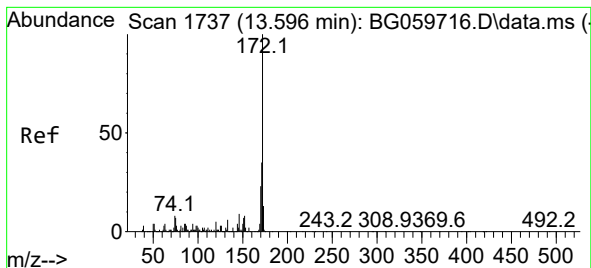
Tgt Ion:164 Resp: 92795
Ion Ratio Lower Upper
164 100
162 106.4 73.3 109.9
160 49.3 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 1.054 ng
RT: 16.443 min Scan# 2222
Delta R.T. -0.015 min
Lab File: BG059828.D
Acq: 22 Nov 2023 21:45

Tgt Ion:330 Resp: 1110
Ion Ratio Lower Upper
330 100
332 0.0 73.3 109.9#
141 75.1 52.1 78.1





#45

2-Fluorobiphenyl

Concen: 78.787 ng

RT: 13.581 min Scan# 1

Delta R.T. -0.015 min

Lab File: BG059828.D

Acq: 22 Nov 2023 21:45

Instrument :

BNA_G

ClientSampleId :

WC-SED-01

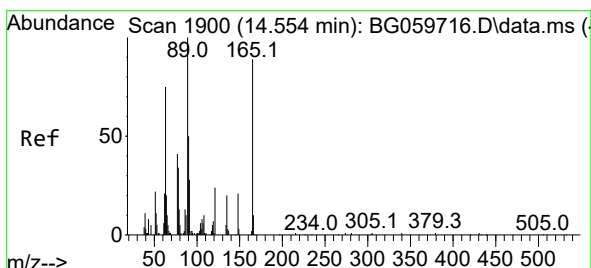
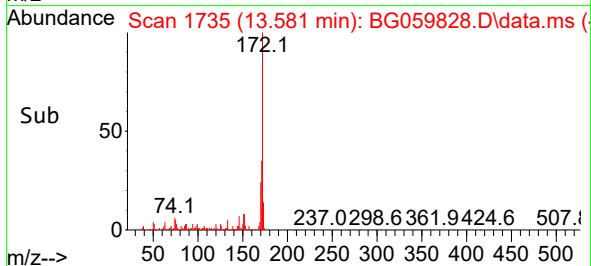
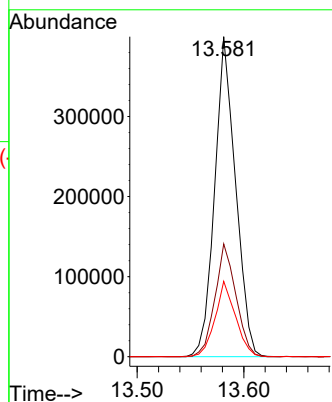
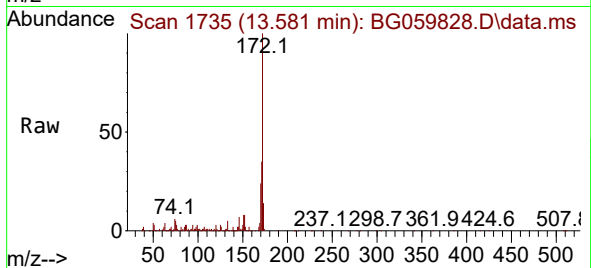
Tgt Ion:172 Resp: 543146

Ion Ratio Lower Upper

172 100

171 35.3 27.7 41.5

170 23.6 18.4 27.6



#51

2,6-Dinitrotoluene

Concen: 9.606 ng

RT: 14.956 min Scan# 1969

Delta R.T. 0.402 min

Lab File: BG059828.D

Acq: 22 Nov 2023 21:45

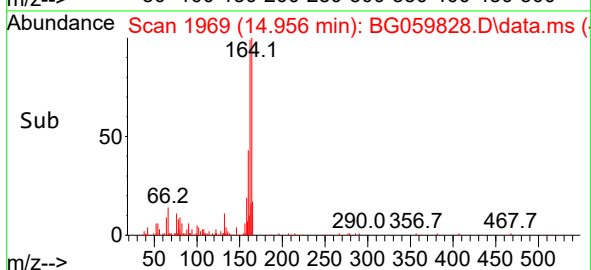
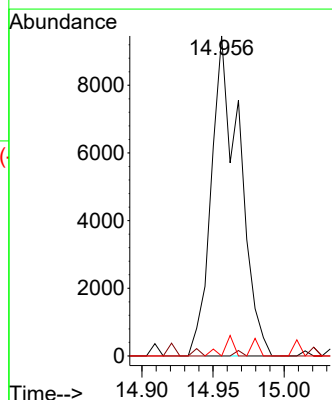
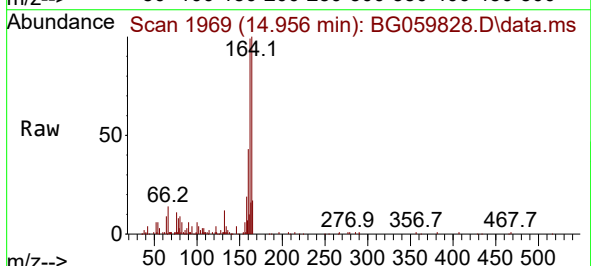
Tgt Ion:165 Resp: 13104

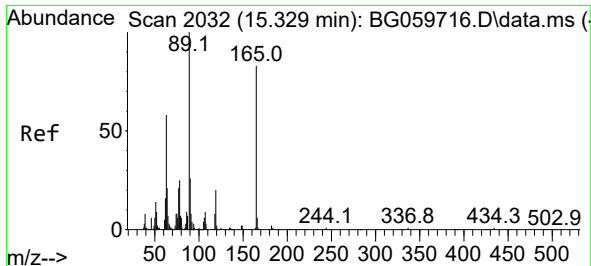
Ion Ratio Lower Upper

165 100

63 0.0 75.3 112.9#

89 0.0 90.9 136.3#





#57

2,4-Dinitrotoluene

Concen: 6.246 ng

RT: 14.956 min Scan# 1969

Delta R.T. -0.373 min

Lab File: BG059828.D

Acq: 22 Nov 2023 21:45

Instrument :

BNA_G

ClientSampleId :

WC-SED-01

Tgt Ion:165 Resp: 13104

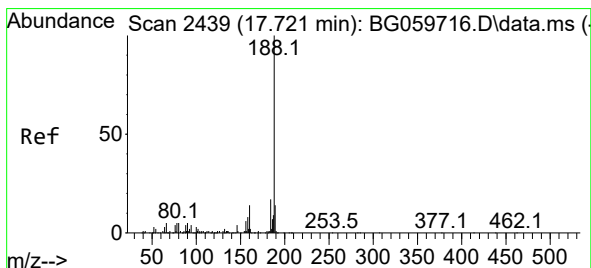
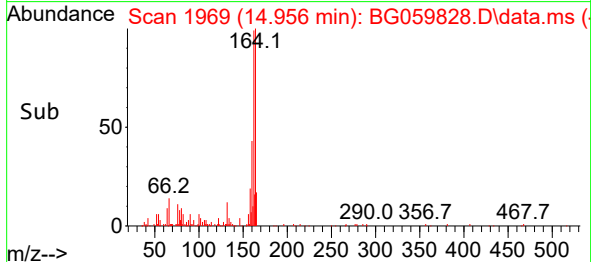
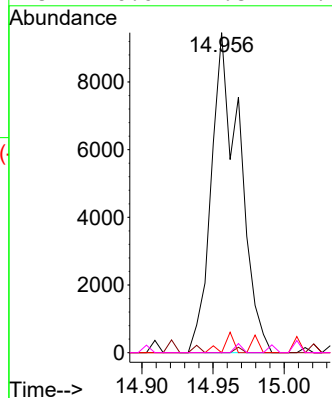
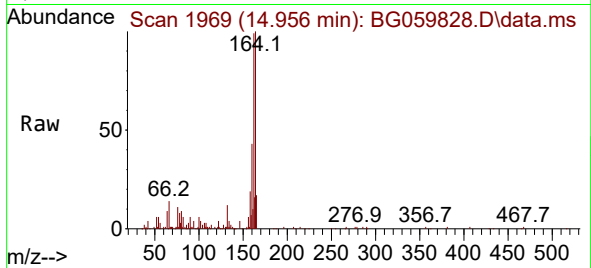
Ion Ratio Lower Upper

165 100

63 0.0 55.8 83.8#

89 0.0 96.9 145.3#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.712 min Scan# 2438

Delta R.T. -0.009 min

Lab File: BG059828.D

Acq: 22 Nov 2023 21:45

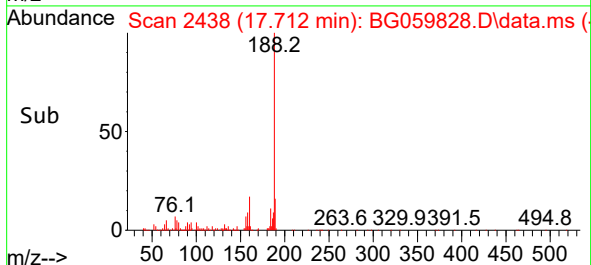
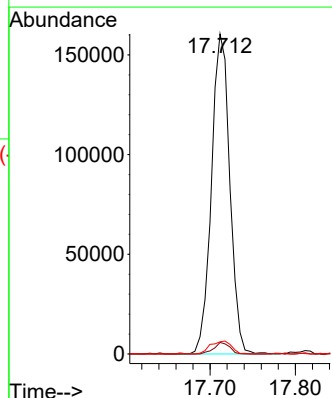
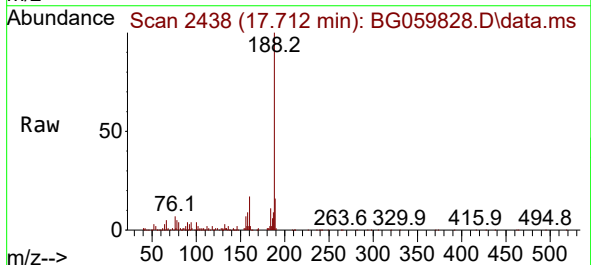
Tgt Ion:188 Resp: 239946

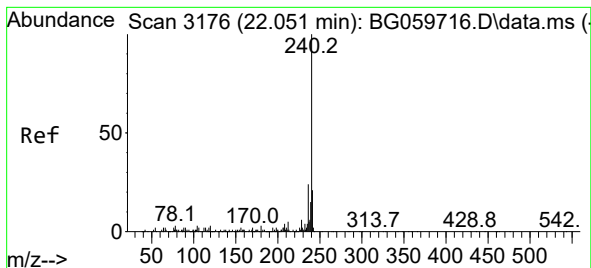
Ion Ratio Lower Upper

188 100

94 3.6 3.0 4.4

80 3.8 4.2 6.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.042 min Scan# 3176

Delta R.T. -0.009 min

Lab File: BG059828.D

Acq: 22 Nov 2023 21:45

Instrument :

BNA_G

ClientSampleId :

WC-SED-01

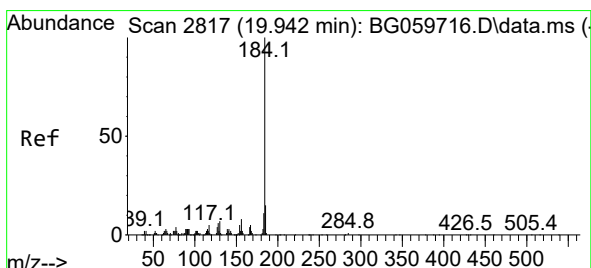
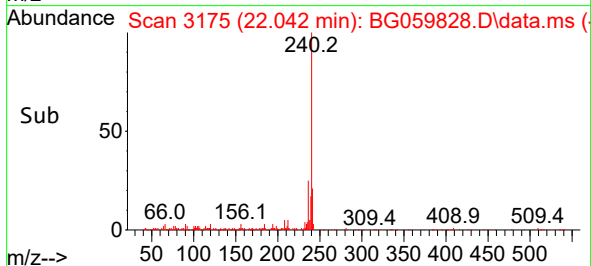
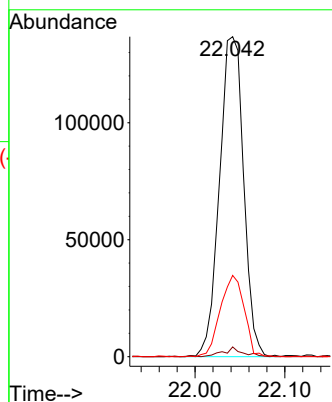
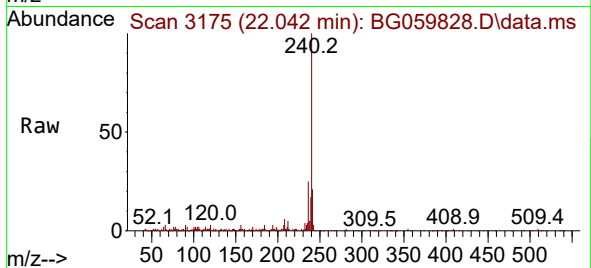
Tgt Ion:240 Resp: 254957

Ion Ratio Lower Upper

240 100

120 3.0 2.2 3.2

236 25.4 19.4 29.2



#77

Benzidine

Concen: 5.196 ng

RT: 20.291 min Scan# 2877

Delta R.T. 0.349 min

Lab File: BG059828.D

Acq: 22 Nov 2023 21:45

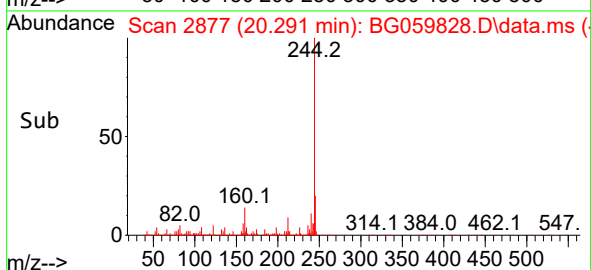
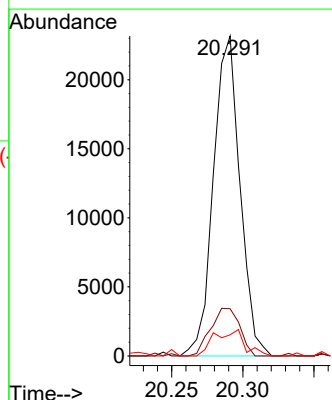
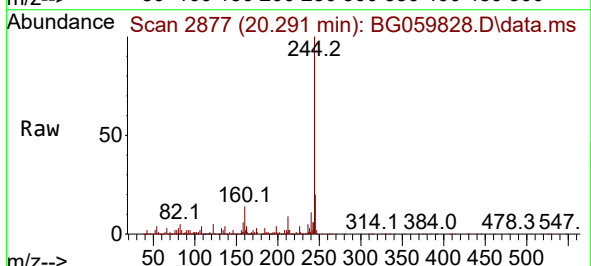
Tgt Ion:184 Resp: 30040

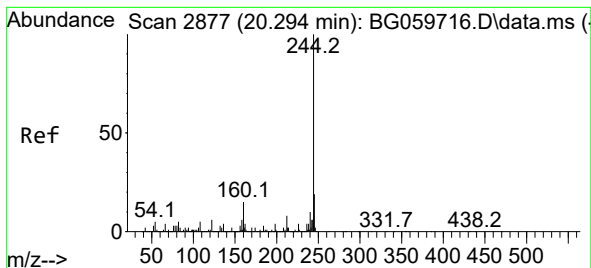
Ion Ratio Lower Upper

184 100

185 14.8 12.2 18.2

183 6.6 8.8 13.2#





#79

Terphenyl-d14

Concen: 58.250 ng

RT: 20.291 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG059828.D

Acq: 22 Nov 2023 21:45

Instrument :

BNA_G

ClientSampleId :

WC-SED-01

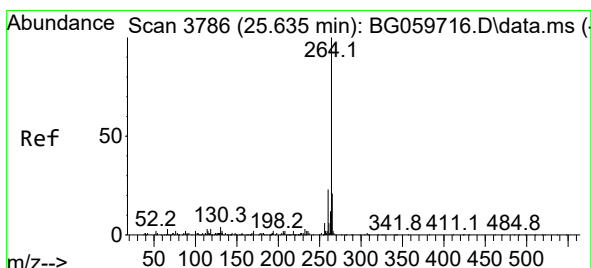
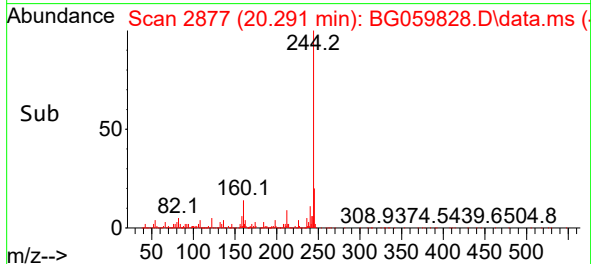
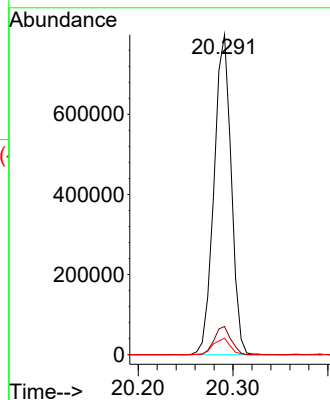
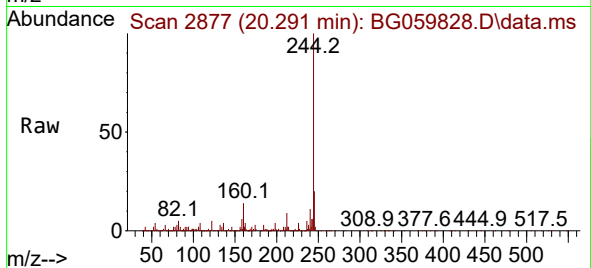
Tgt Ion:244 Resp: 1006009

Ion Ratio Lower Upper

244 100

212 8.8 6.6 10.0

122 5.1 4.4 6.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.632 min Scan# 3786

Delta R.T. -0.003 min

Lab File: BG059828.D

Acq: 22 Nov 2023 21:45

Tgt Ion:264 Resp: 285036

Ion Ratio Lower Upper

264 100

260 22.6 18.5 27.7

265 20.7 17.0 25.6

