

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112223\
 Data File : BG059832.D
 Acq On : 23 Nov 2023 00:27
 Operator : MA/JU
 Sample : 05449-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-SED-03

Quant Time: Nov 23 01:32:06 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)

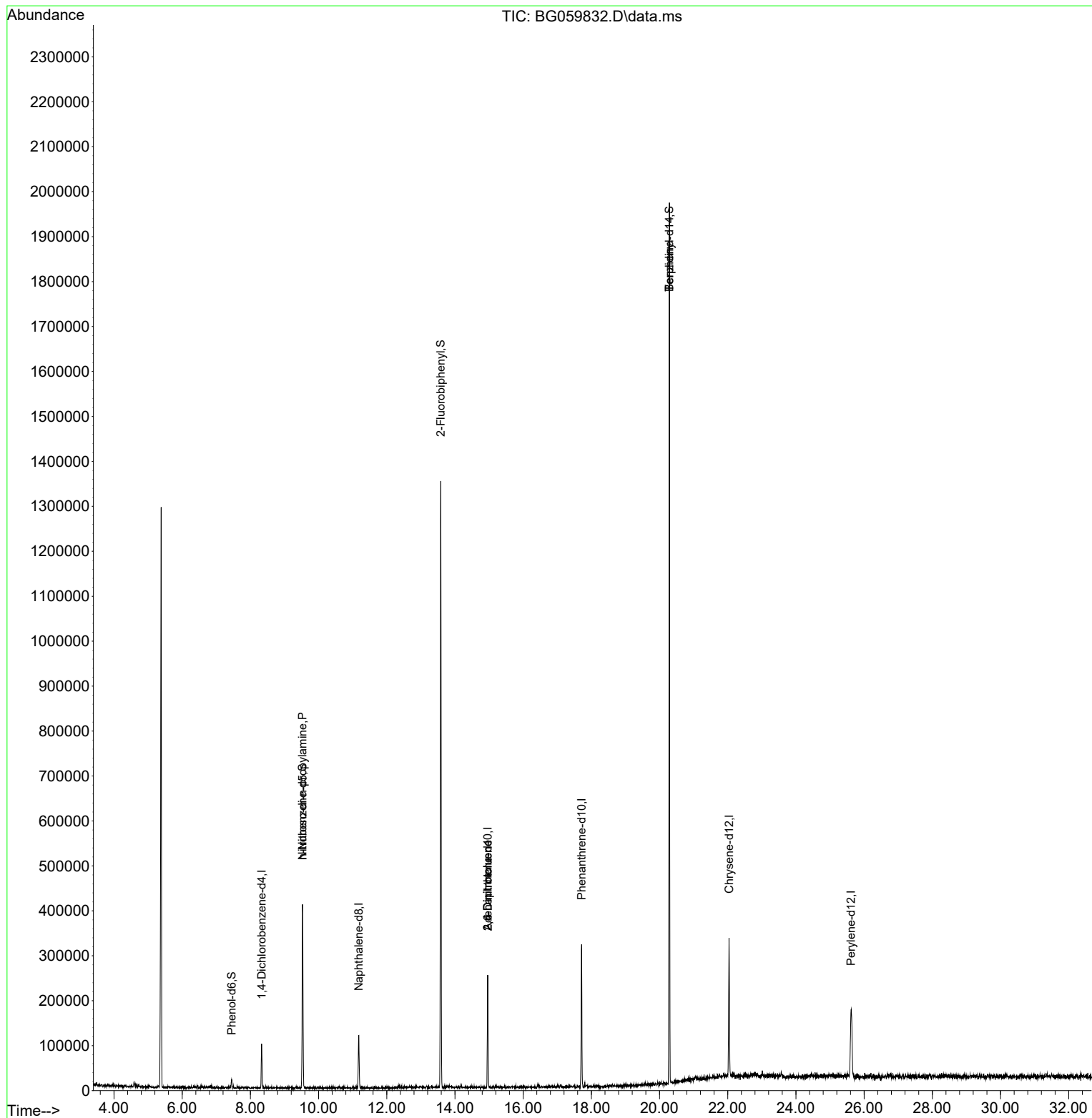
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.332	152	21208	20.000	ng	-0.01
21) Naphthalene-d8	11.182	136	82303	20.000	ng	#-0.01
39) Acenaphthene-d10	14.960	164	73023	20.000	ng	#-0.01
64) Phenanthrene-d10	17.715	188	179017	20.000	ng	# 0.00
76) Chrysene-d12	22.040	240	166844	20.000	ng	-0.01
86) Perylene-d12	25.618	264	195058	20.000	ng	#-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.824	112	859	0.682	ng	0.00
7) Phenol-d6	7.451	99	8037	4.304	ng	0.00
23) Nitrobenzene-d5	9.531	82	250822	116.392	ng	-0.01
42) 2,4,6-Tribromophenol	16.458	330	1174	1.417	ng	0.00
45) 2-Fluorobiphenyl	13.585	172	581127	107.120	ng	-0.01
79) Terphenyl-d14	20.289	244	775785	68.642	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.531	70	43172	29.360	ng	# 80
51) 2,6-Dinitrotoluene	14.960	165	9414	8.769	ng	# 4
57) 2,4-Dinitrotoluene	14.960	165	9414	5.702	ng	# 7
77) Benzidine	20.289	184	24643	6.514	ng	# 84

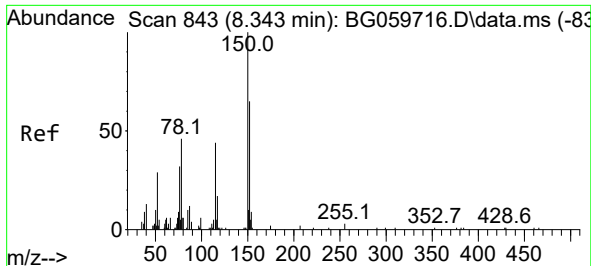
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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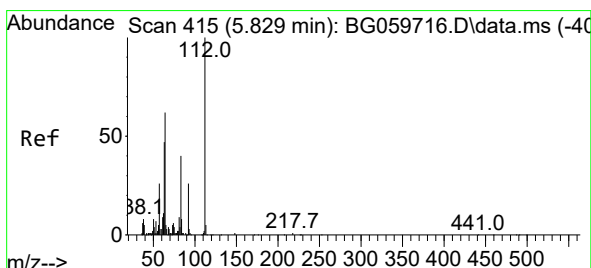
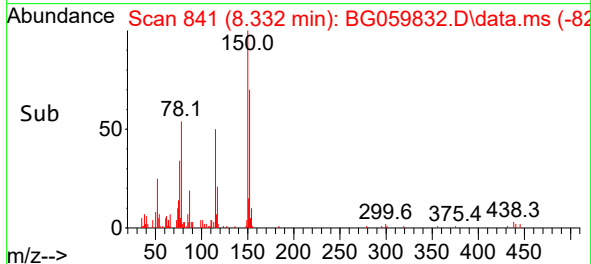
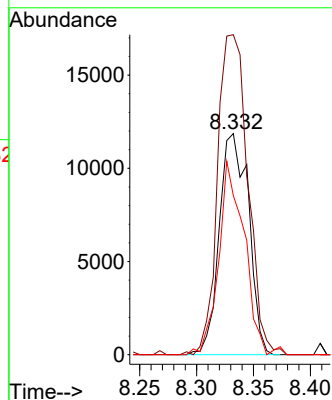
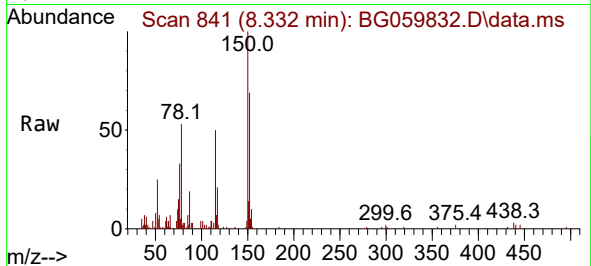




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.332 min Scan# 84
Delta R.T. -0.011 min
Lab File: BG059832.D
Acq: 23 Nov 2023 00:27

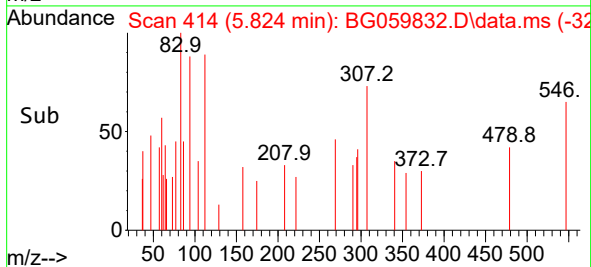
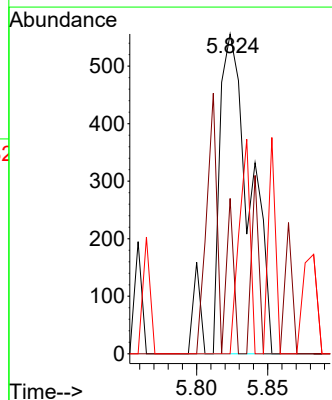
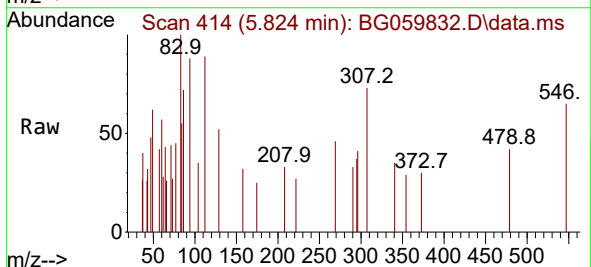
Instrument :
BNA_G
ClientSampleId :
WC-SED-03

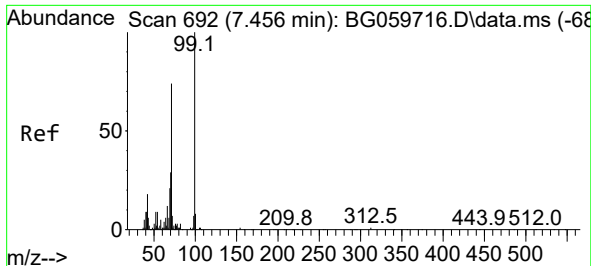
Tgt Ion:152 Resp: 21208
Ion Ratio Lower Upper
152 100
150 144.7 122.2 183.4
115 72.0 54.2 81.4



#5
2-Fluorophenol
Concen: 0.682 ng
RT: 5.824 min Scan# 414
Delta R.T. -0.005 min
Lab File: BG059832.D
Acq: 23 Nov 2023 00:27

Tgt Ion:112 Resp: 859
Ion Ratio Lower Upper
112 100
64 48.6 49.5 74.3#
63 0.0 37.4 56.2#

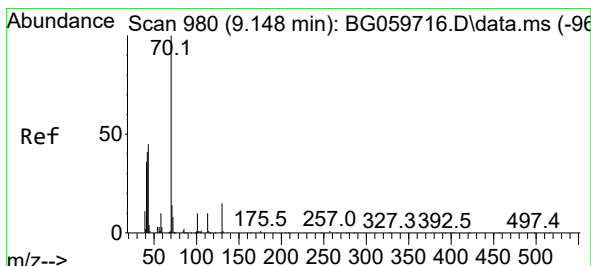
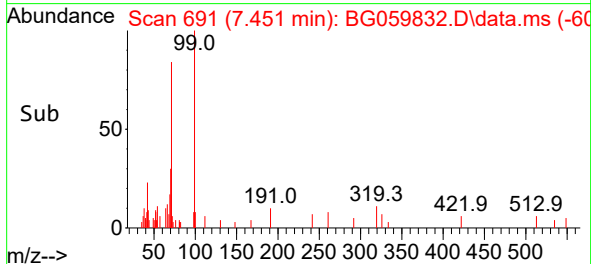
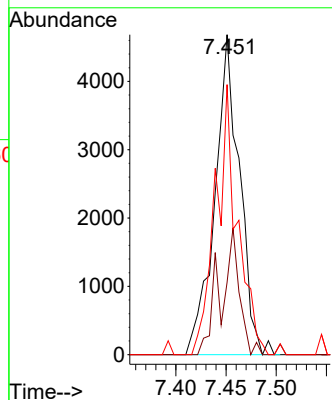
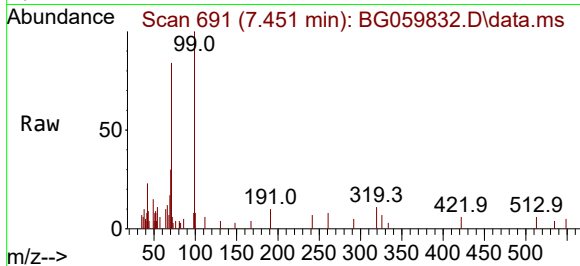




#7
Phenol-d6
Concen: 4.304 ng
RT: 7.451 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG059832.D
Acq: 23 Nov 2023 00:27

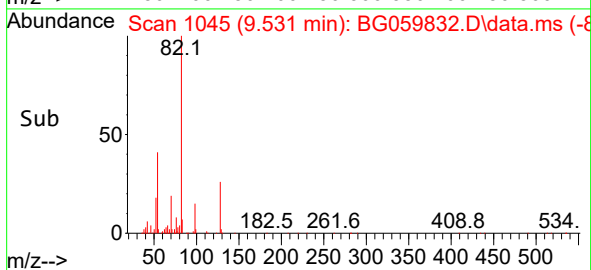
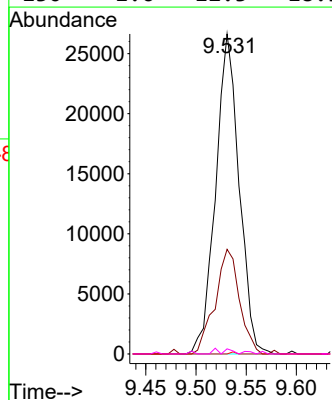
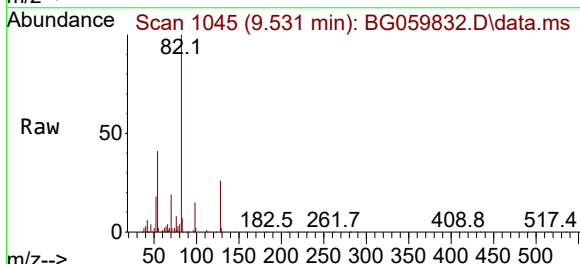
Instrument :
BNA_G
ClientSampleId :
WC-SED-03

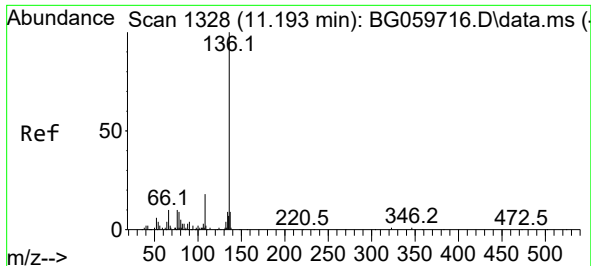
Tgt Ion: 99 Resp: 8037
Ion Ratio Lower Upper
99 100
42 22.6 14.3 21.5#
71 84.4 59.3 88.9



#19
n-Nitroso-di-n-propylamine
Concen: 29.360 ng
RT: 9.531 min Scan# 1045
Delta R.T. 0.383 min
Lab File: BG059832.D
Acq: 23 Nov 2023 00:27

Tgt Ion: 70 Resp: 43172
Ion Ratio Lower Upper
70 100
42 32.7 32.8 49.2#
101 0.0 7.7 11.5#
130 1.6 12.3 18.5#

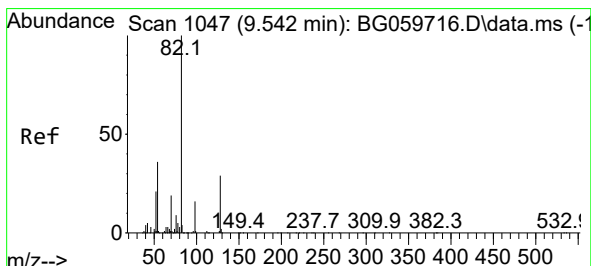
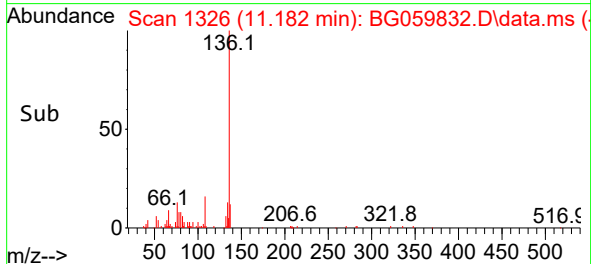
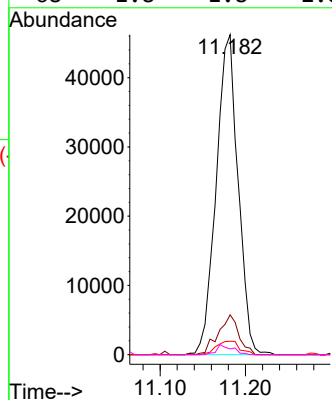
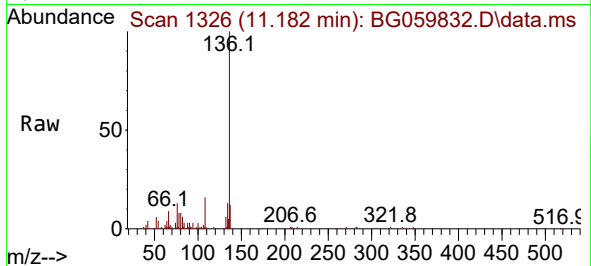




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.182 min Scan# 111
Delta R.T. -0.011 min
Lab File: BG059832.D
Acq: 23 Nov 2023 00:27

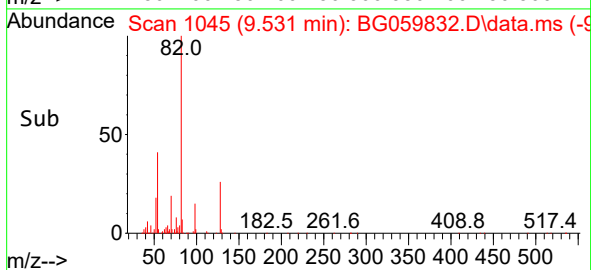
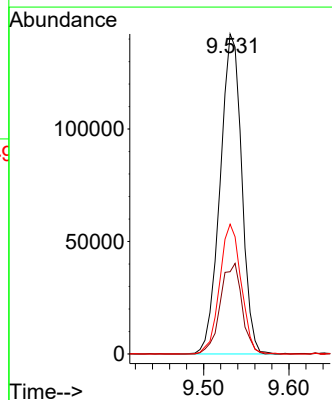
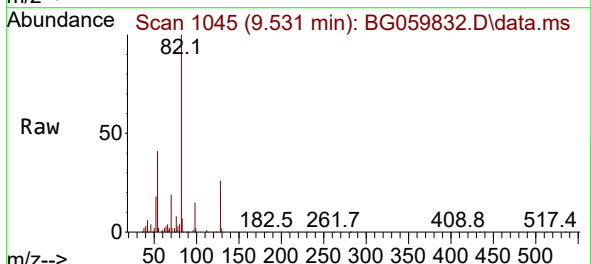
Instrument :
BNA_G
ClientSampleId :
WC-SED-03

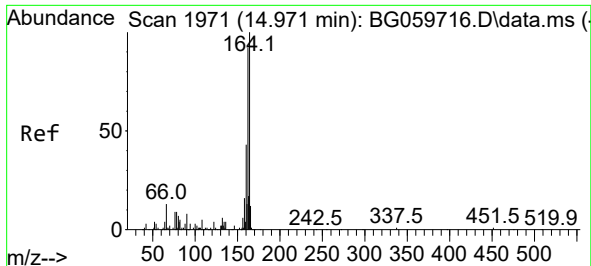
Tgt Ion:136 Resp: 82303
Ion Ratio Lower Upper
136 100
137 12.5 7.4 11.0#
54 4.2 3.1 4.7
68 1.8 1.8 2.8#



#23
Nitrobenzene-d5
Concen: 116.392 ng
RT: 9.531 min Scan# 1045
Delta R.T. -0.011 min
Lab File: BG059832.D
Acq: 23 Nov 2023 00:27

Tgt Ion: 82 Resp: 250822
Ion Ratio Lower Upper
82 100
128 25.7 23.0 34.6
54 40.5 28.7 43.1

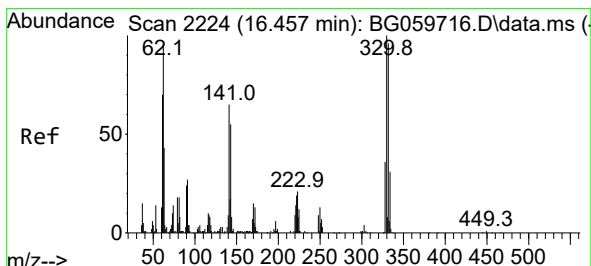
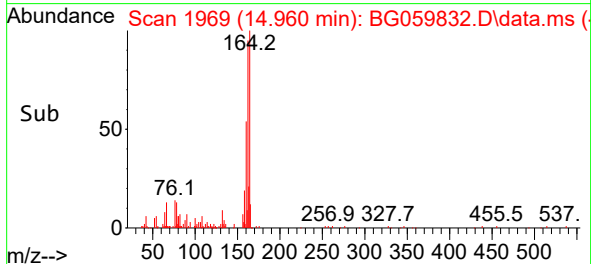
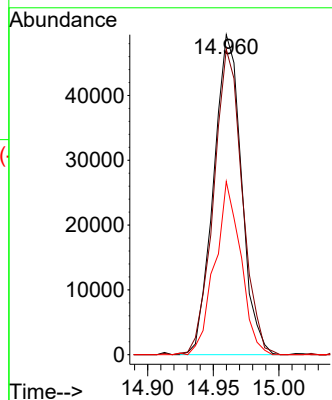
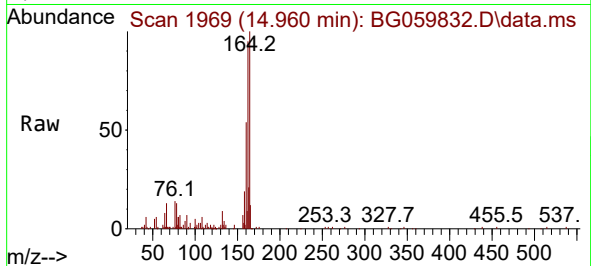




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.960 min Scan# 1969
Delta R.T. -0.011 min
Lab File: BG059832.D
Acq: 23 Nov 2023 00:27

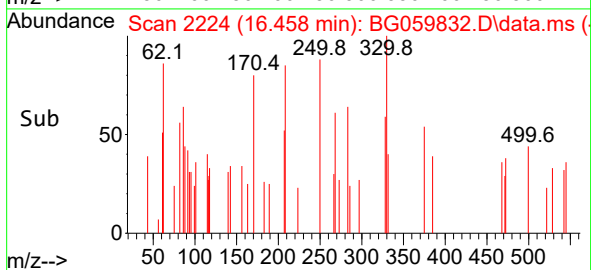
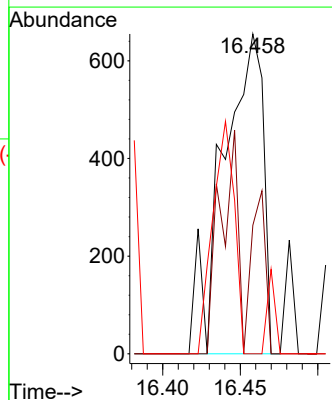
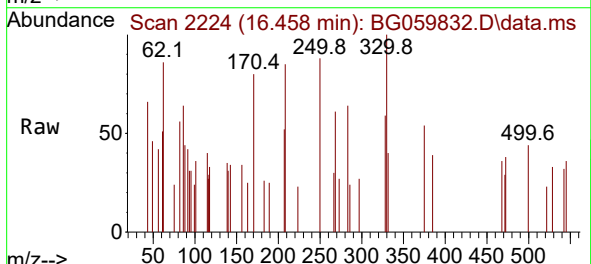
Instrument :
BNA_G
ClientSampleId :
WC-SED-03

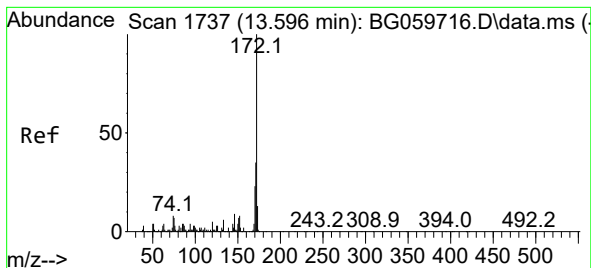
Tgt Ion:164 Resp: 73023
Ion Ratio Lower Upper
164 100
162 95.4 73.3 109.9
160 54.1 34.1 51.1#



#42
2,4,6-Tribromophenol
Concen: 1.417 ng
RT: 16.458 min Scan# 2224
Delta R.T. 0.001 min
Lab File: BG059832.D
Acq: 23 Nov 2023 00:27

Tgt Ion:330 Resp: 1174
Ion Ratio Lower Upper
330 100
332 30.8 73.3 109.9#
141 39.5 52.1 78.1#





#45

2-Fluorobiphenyl

Concen: 107.120 ng

RT: 13.585 min Scan# 1

Delta R.T. -0.011 min

Lab File: BG059832.D

Acq: 23 Nov 2023 00:27

Instrument :

BNA_G

ClientSampleId :

WC-SED-03

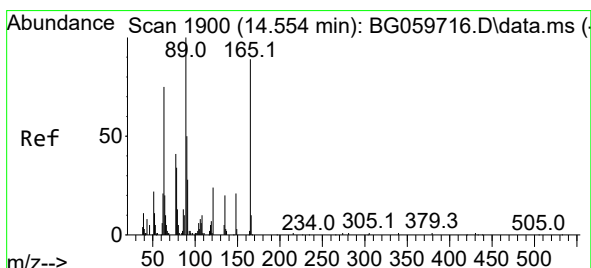
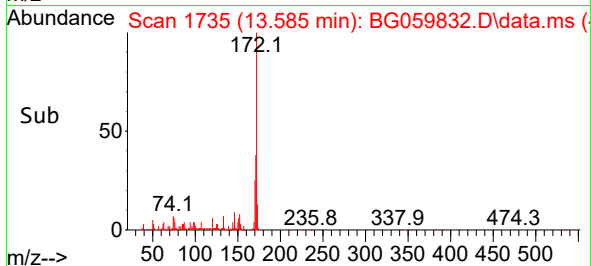
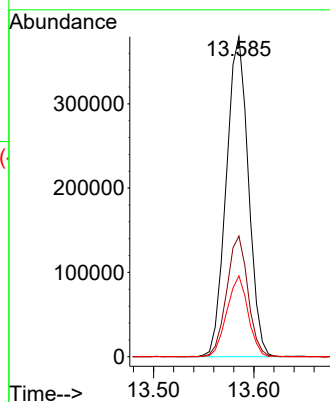
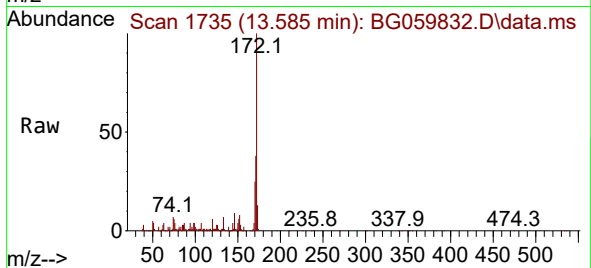
Tgt Ion:172 Resp: 581127

Ion Ratio Lower Upper

172 100

171 37.7 27.7 41.5

170 25.2 18.4 27.6



#51

2,6-Dinitrotoluene

Concen: 8.769 ng

RT: 14.960 min Scan# 1969

Delta R.T. 0.406 min

Lab File: BG059832.D

Acq: 23 Nov 2023 00:27

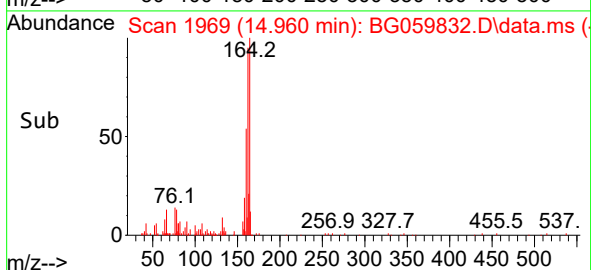
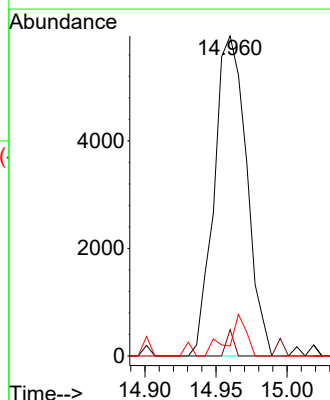
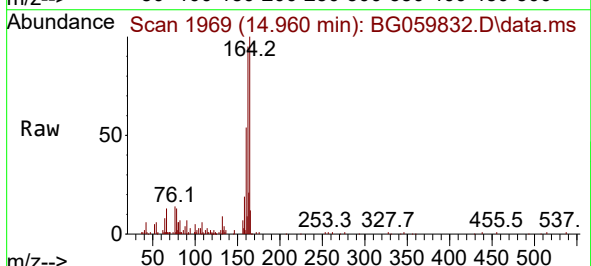
Tgt Ion:165 Resp: 9414

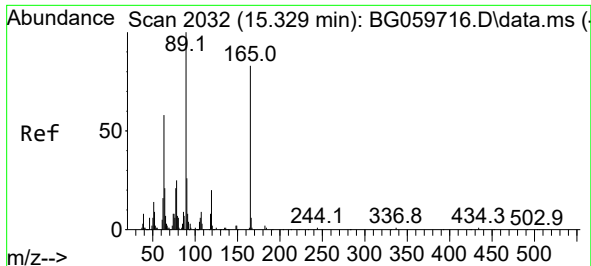
Ion Ratio Lower Upper

165 100

63 8.2 75.3 112.9#

89 3.1 90.9 136.3#





#57

2,4-Dinitrotoluene

Concen: 5.702 ng

RT: 14.960 min Scan# 1969

Delta R.T. -0.369 min

Lab File: BG059832.D

Acq: 23 Nov 2023 00:27

Instrument :

BNA_G

ClientSampleId :

WC-SED-03

Tgt Ion:165 Resp: 9414

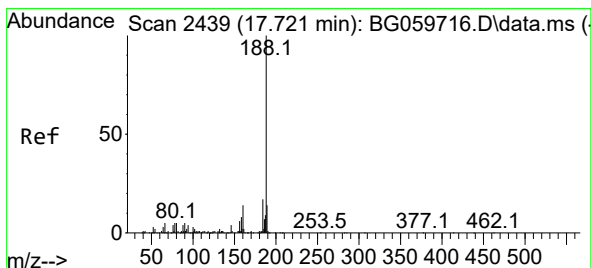
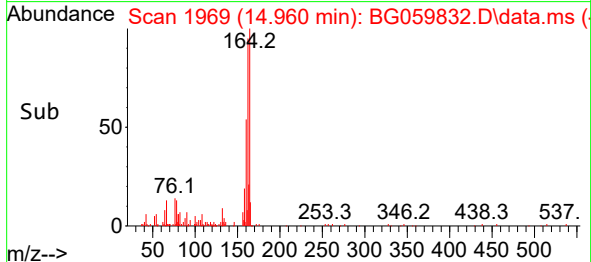
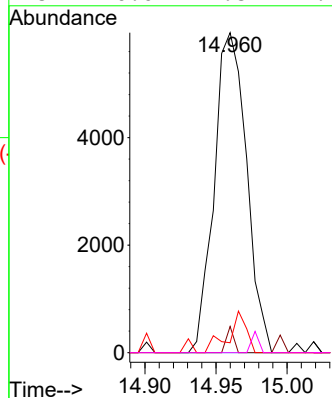
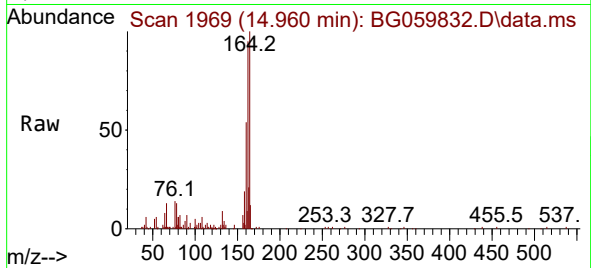
Ion Ratio Lower Upper

165 100

63 8.2 55.8 83.8#

89 3.1 96.9 145.3#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.715 min Scan# 2438

Delta R.T. -0.005 min

Lab File: BG059832.D

Acq: 23 Nov 2023 00:27

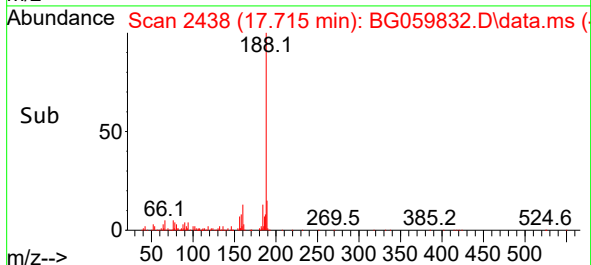
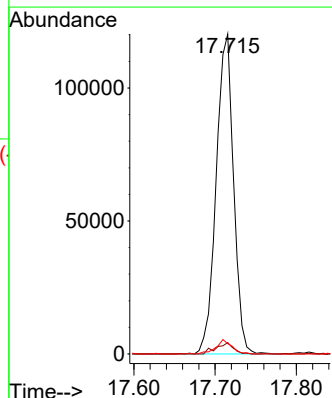
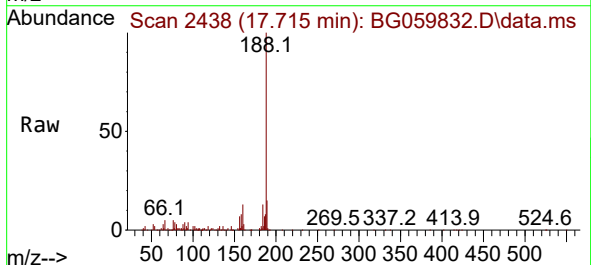
Tgt Ion:188 Resp: 179017

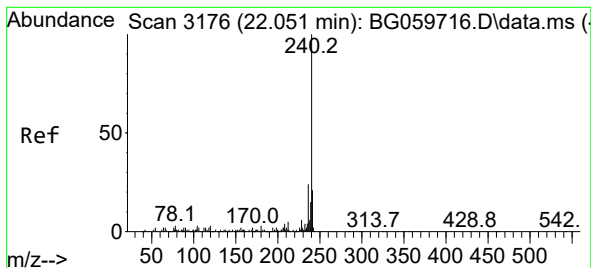
Ion Ratio Lower Upper

188 100

94 3.6 3.0 4.4

80 3.2 4.2 6.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.040 min Scan# 31

Delta R.T. -0.011 min

Lab File: BG059832.D

Acq: 23 Nov 2023 00:27

Instrument :

BNA_G

ClientSampleId :

WC-SED-03

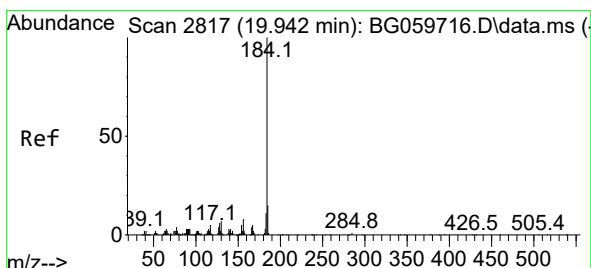
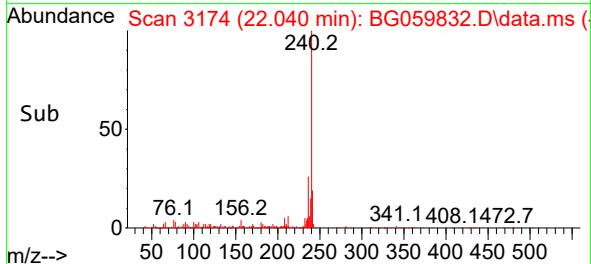
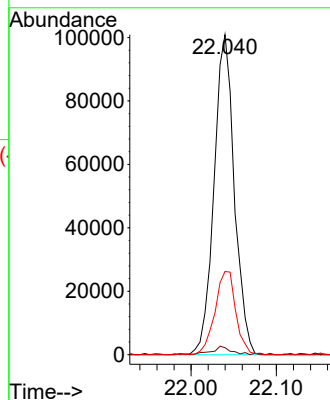
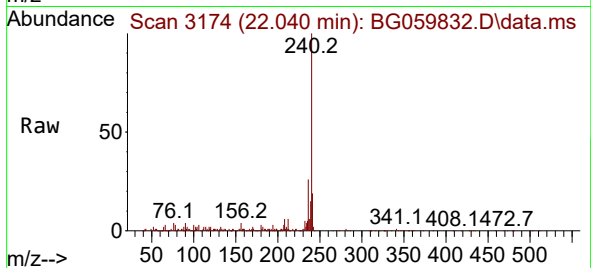
Tgt Ion:240 Resp: 166844

Ion Ratio Lower Upper

240 100

120 2.2 2.2 3.2

236 26.0 19.4 29.2



#77

Benzidine

Concen: 6.514 ng

RT: 20.289 min Scan# 2876

Delta R.T. 0.347 min

Lab File: BG059832.D

Acq: 23 Nov 2023 00:27

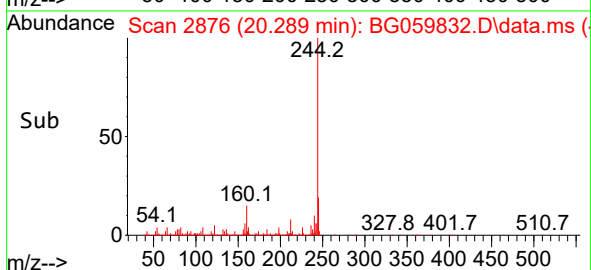
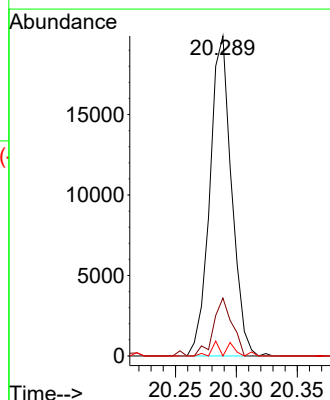
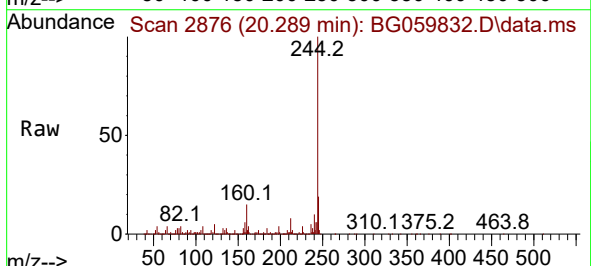
Tgt Ion:184 Resp: 24643

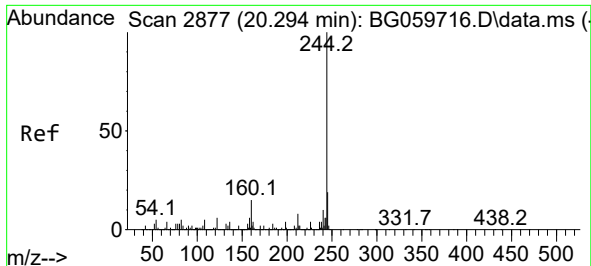
Ion Ratio Lower Upper

184 100

185 18.1 12.2 18.2

183 0.0 8.8 13.2#

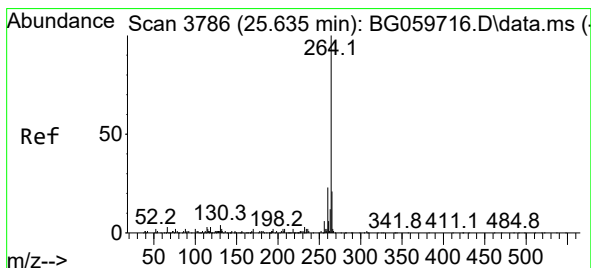
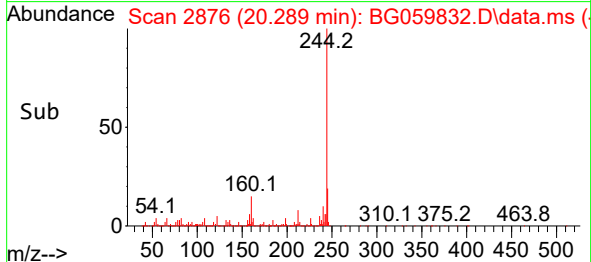
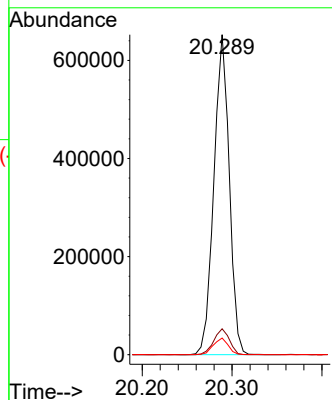
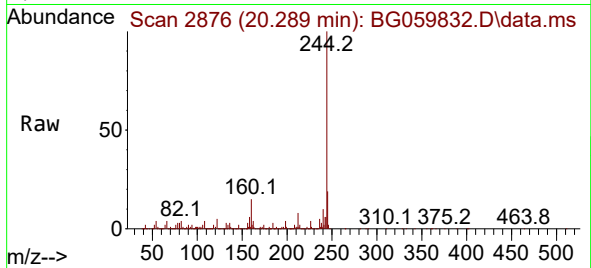




#79
 Terphenyl-d14
 Concen: 68.642 ng
 RT: 20.289 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG059832.D
 Acq: 23 Nov 2023 00:27

Instrument :
 BNA_G
 ClientSampleId :
 WC-SED-03

Tgt Ion:244 Resp: 775785
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.6 10.0
 122 5.2 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.618 min Scan# 3783
 Delta R.T. -0.017 min
 Lab File: BG059832.D
 Acq: 23 Nov 2023 00:27

Tgt Ion:264 Resp: 195058
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.5 27.7
 265 16.6 17.0 25.6#

