

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112223\
 Data File : BG059833.D
 Acq On : 23 Nov 2023 1:08
 Operator : MA/JU
 Sample : 05449-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-SED-04

Quant Time: Nov 23 01:48:46 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)

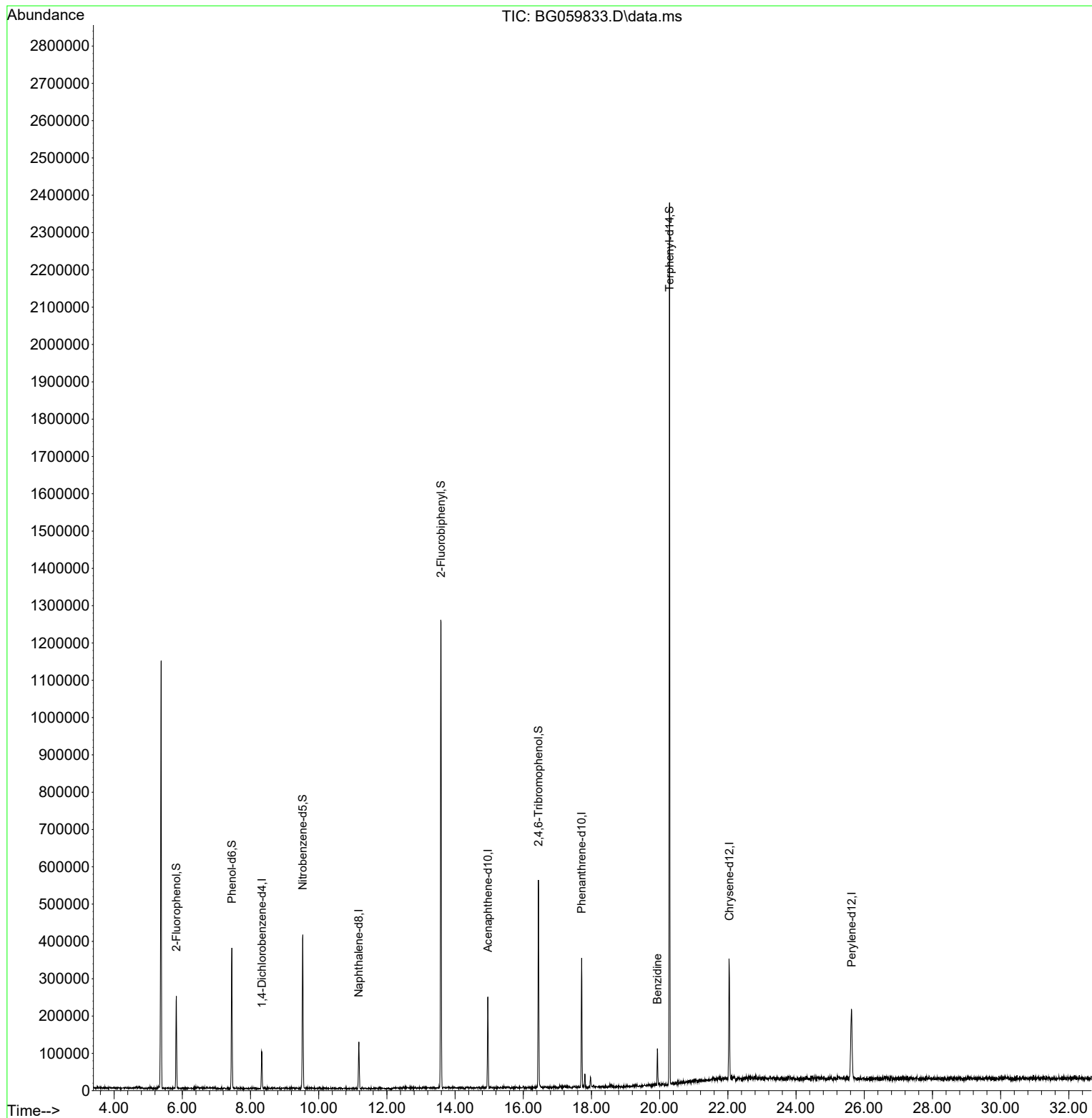
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.335	152	21576	20.000	ng	0.00
21) Naphthalene-d8	11.178	136	80081	20.000	ng	#-0.01
39) Acenaphthene-d10	14.962	164	72926	20.000	ng	# 0.00
64) Phenanthrene-d10	17.712	188	184528	20.000	ng	# 0.00
76) Chrysene-d12	22.042	240	193182	20.000	ng	# 0.00
86) Perylene-d12	25.632	264	221690	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.826	112	84156	65.650	ng	0.00
7) Phenol-d6	7.453	99	161868	85.210	ng	0.00
23) Nitrobenzene-d5	9.533	82	254855	121.545	ng	0.00
42) 2,4,6-Tribromophenol	16.449	330	73111	88.359	ng	0.00
45) 2-Fluorobiphenyl	13.587	172	562764	103.873	ng	0.00
79) Terphenyl-d14	20.291	244	964461	73.702	ng	0.00
Target Compounds						
77) Benzidine	19.933	184	42792	9.769	ng	Qvalue # 96

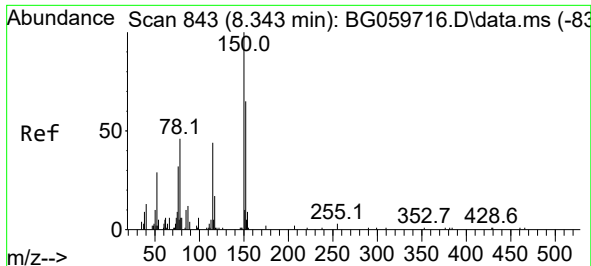
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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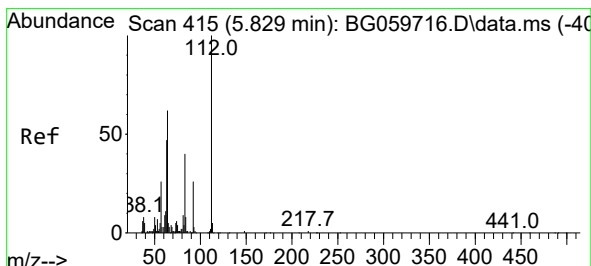
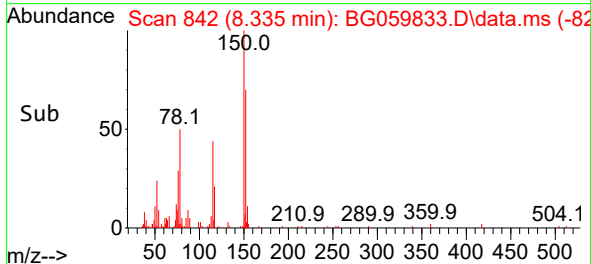
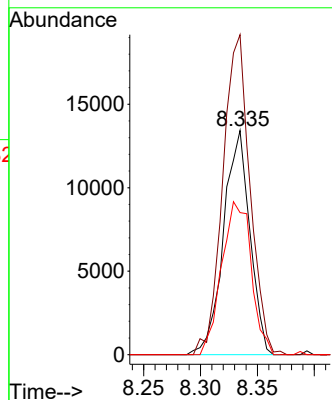
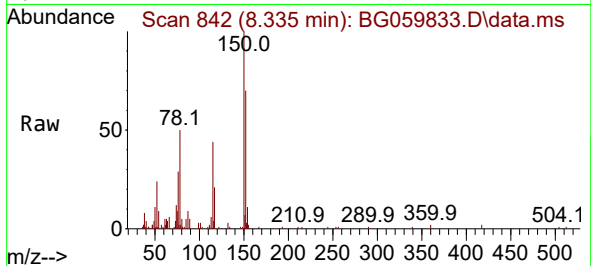




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.335 min Scan# 843
Delta R.T. -0.008 min
Lab File: BG059833.D
Acq: 23 Nov 2023 1:08

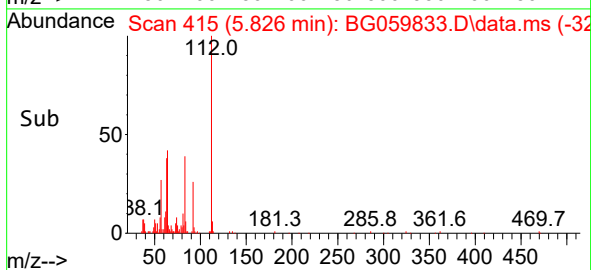
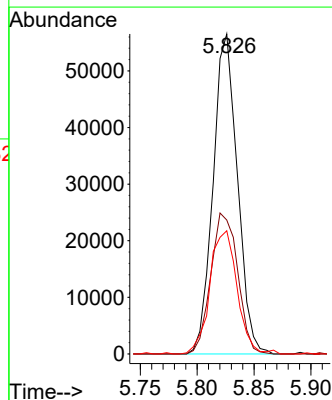
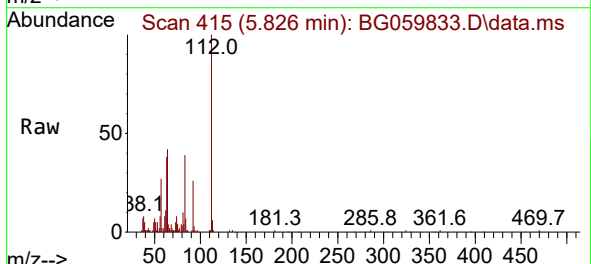
Instrument :
BNA_G
ClientSampleId :
WC-SED-04

Tgt Ion:152 Resp: 21576
Ion Ratio Lower Upper
152 100
150 142.7 122.2 183.4
115 63.3 54.2 81.4



#5
2-Fluorophenol
Concen: 65.650 ng
RT: 5.826 min Scan# 415
Delta R.T. -0.003 min
Lab File: BG059833.D
Acq: 23 Nov 2023 1:08

Tgt Ion:112 Resp: 84156
Ion Ratio Lower Upper
112 100
64 41.8 49.5 74.3#
63 38.5 37.4 56.2

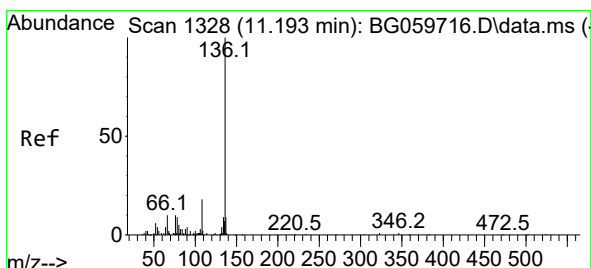
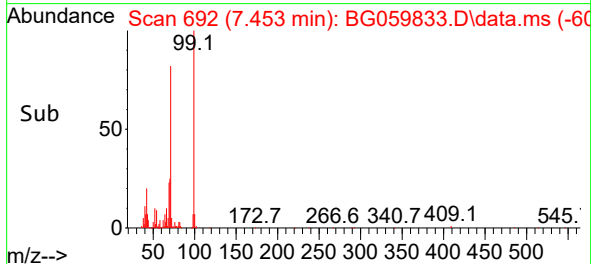
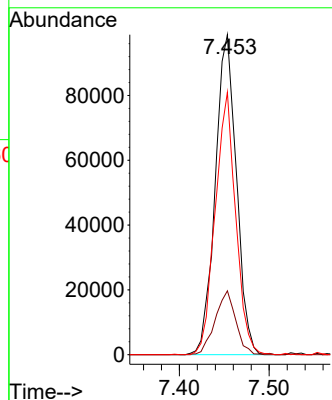
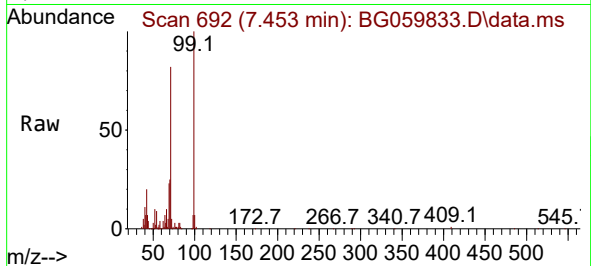




#7
Phenol-d6
Concen: 85.210 ng
RT: 7.453 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG059833.D
Acq: 23 Nov 2023 1:08

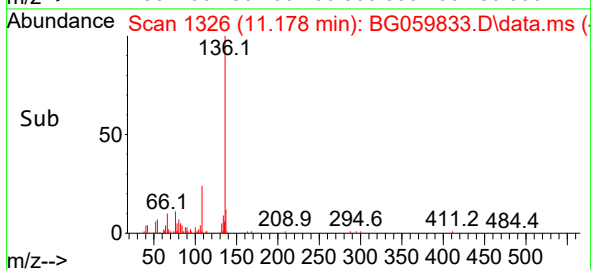
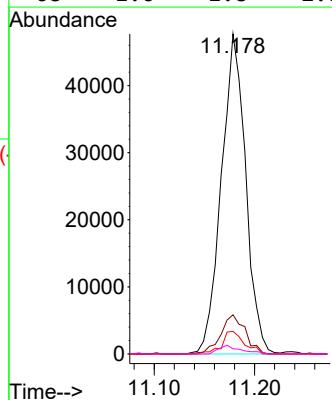
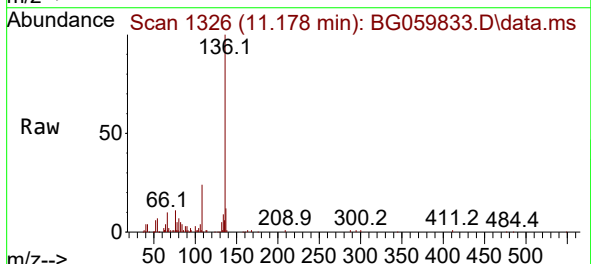
Instrument :
BNA_G
ClientSampleId :
WC-SED-04

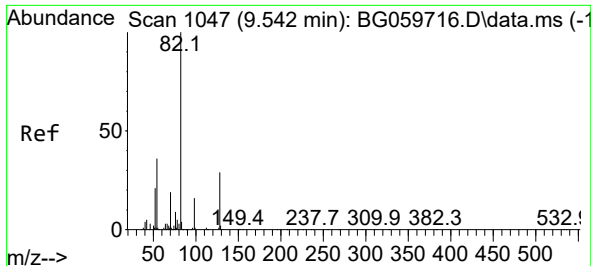
Tgt Ion: 99 Resp: 161868
Ion Ratio Lower Upper
99 100
42 19.9 14.3 21.5
71 82.0 59.3 88.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.178 min Scan# 1326
Delta R.T. -0.015 min
Lab File: BG059833.D
Acq: 23 Nov 2023 1:08

Tgt Ion:136 Resp: 80081
Ion Ratio Lower Upper
136 100
137 12.2 7.4 11.0#
54 7.1 3.1 4.7#
68 1.6 1.8 2.8#

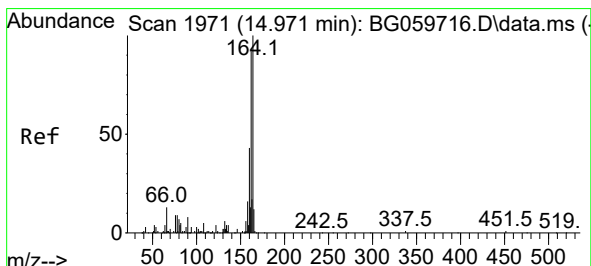
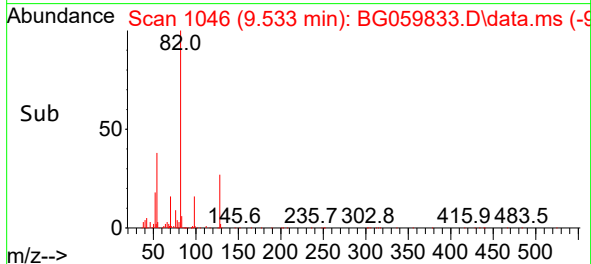
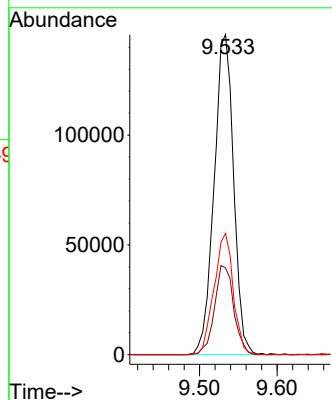
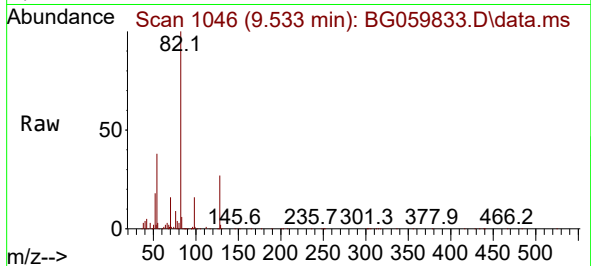




#23
Nitrobenzene-d5
Concen: 121.545 ng
RT: 9.533 min Scan# 1046
Delta R.T. -0.009 min
Lab File: BG059833.D
Acq: 23 Nov 2023 1:08

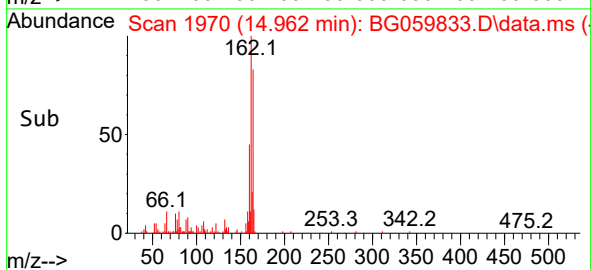
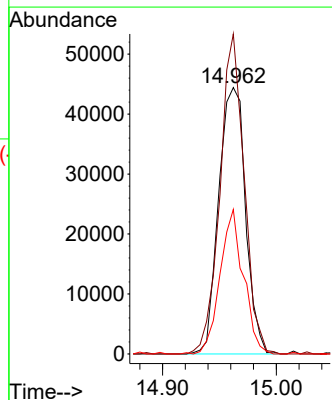
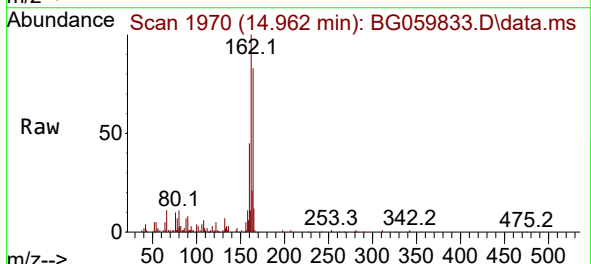
Instrument :
BNA_G
ClientSampleId :
WC-SED-04

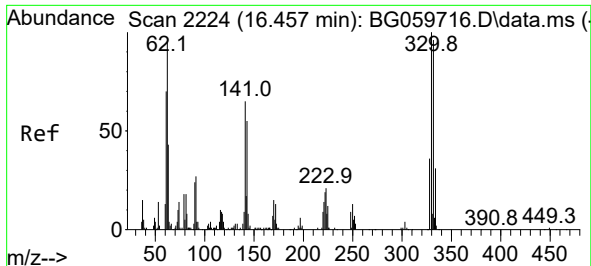
Tgt Ion: 82 Resp: 254855
Ion Ratio Lower Upper
82 100
128 27.1 23.0 34.6
54 37.9 28.7 43.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.962 min Scan# 1970
Delta R.T. -0.009 min
Lab File: BG059833.D
Acq: 23 Nov 2023 1:08

Tgt Ion:164 Resp: 72926
Ion Ratio Lower Upper
164 100
162 120.1 73.3 109.9#
160 54.3 34.1 51.1#

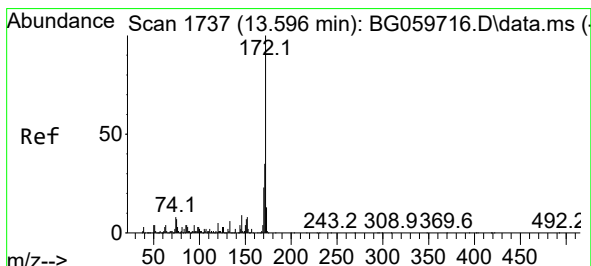
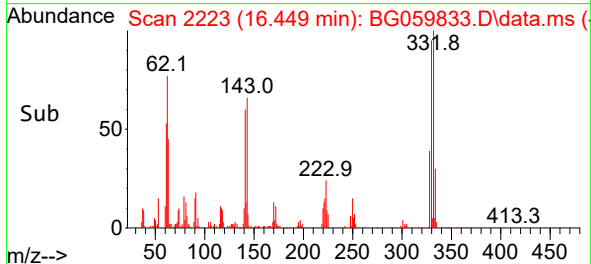
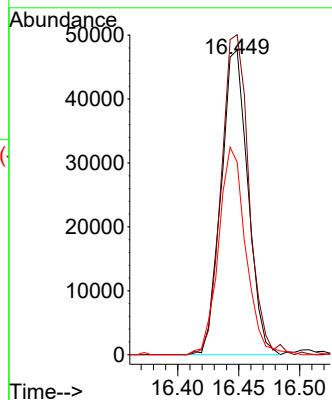
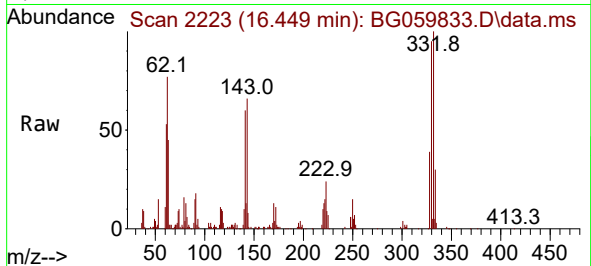




#42
2,4,6-Tribromophenol
Concen: 88.359 ng
RT: 16.449 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG059833.D
Acq: 23 Nov 2023 1:08

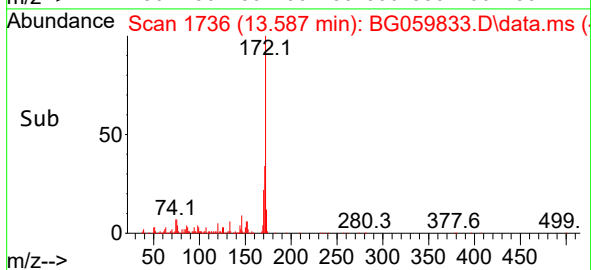
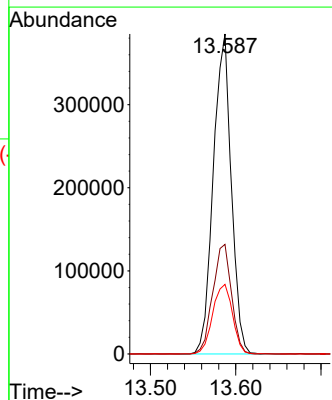
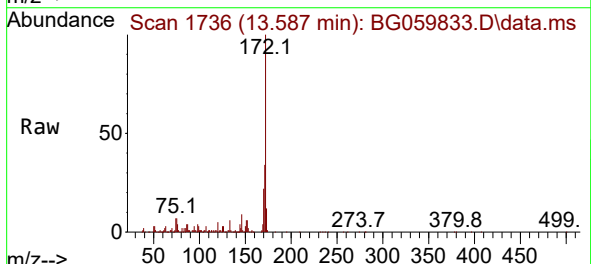
Instrument :
BNA_G
ClientSampleId :
WC-SED-04

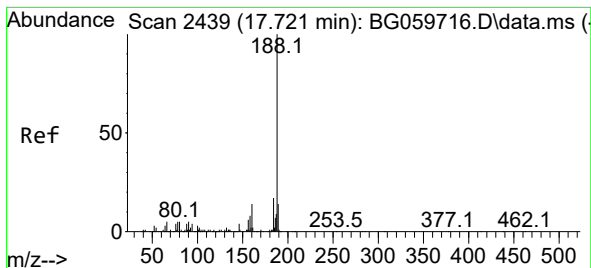
Tgt Ion:330 Resp: 73111
Ion Ratio Lower Upper
330 100
332 107.8 73.3 109.9
141 68.6 52.1 78.1



#45
2-Fluorobiphenyl
Concen: 103.873 ng
RT: 13.587 min Scan# 1736
Delta R.T. -0.009 min
Lab File: BG059833.D
Acq: 23 Nov 2023 1:08

Tgt Ion:172 Resp: 562764
Ion Ratio Lower Upper
172 100
171 34.3 27.7 41.5
170 21.8 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.712 min Scan# 2438

Delta R.T. -0.009 min

Lab File: BG059833.D

Acq: 23 Nov 2023 1:08

Instrument :

BNA_G

ClientSampleId :

WC-SED-04

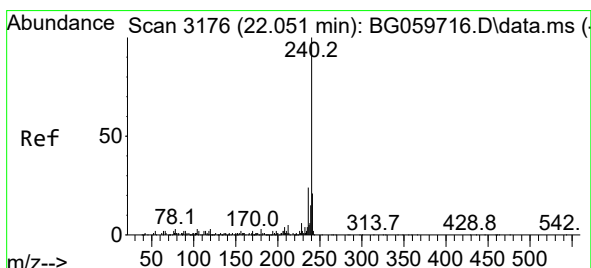
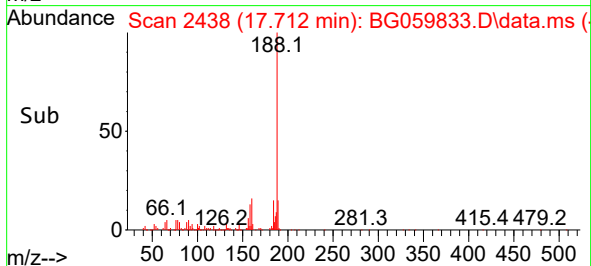
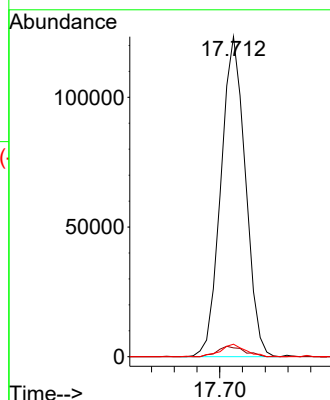
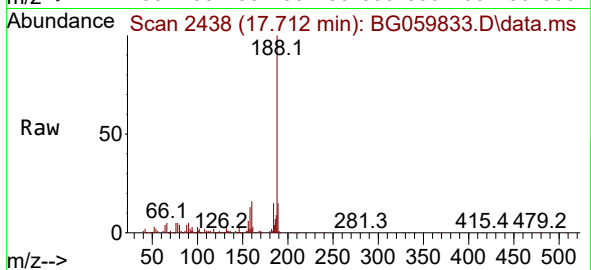
Tgt Ion:188 Resp: 184528

Ion Ratio Lower Upper

188 100

94 4.0 3.0 4.4

80 3.9 4.2 6.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.042 min Scan# 3175

Delta R.T. -0.009 min

Lab File: BG059833.D

Acq: 23 Nov 2023 1:08

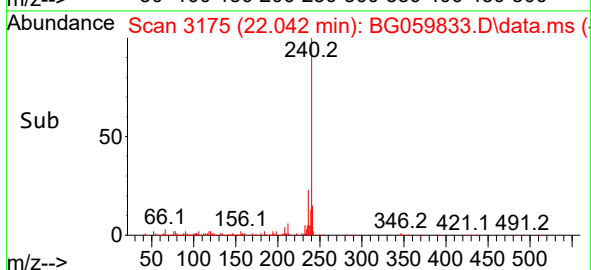
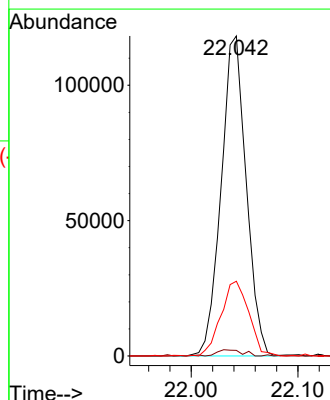
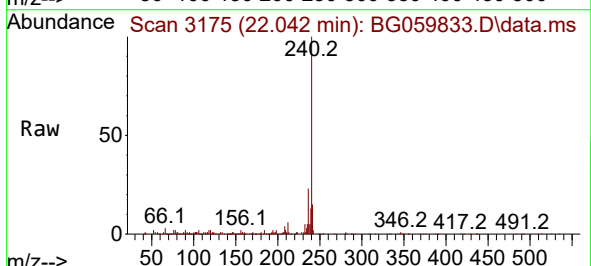
Tgt Ion:240 Resp: 193182

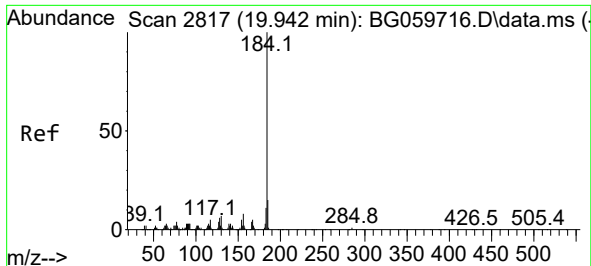
Ion Ratio Lower Upper

240 100

120 1.8 2.2 3.2#

236 23.3 19.4 29.2

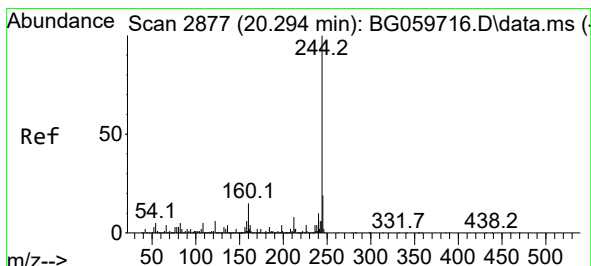
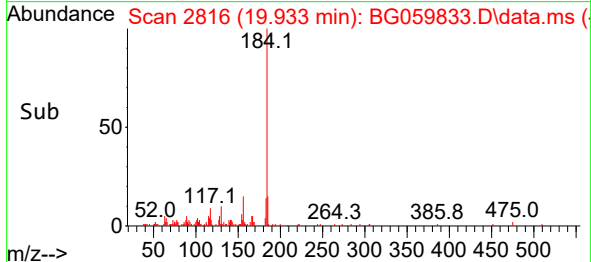
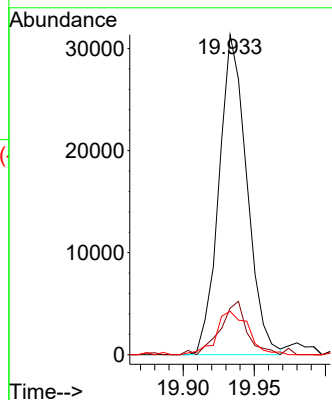
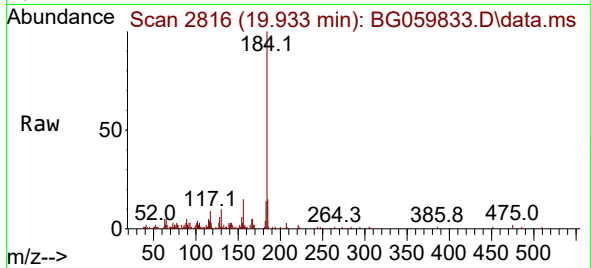




#77
Benzidine
Concen: 9.769 ng
RT: 19.933 min Scan# 2816
Delta R.T. -0.009 min
Lab File: BG059833.D
Acq: 23 Nov 2023 1:08

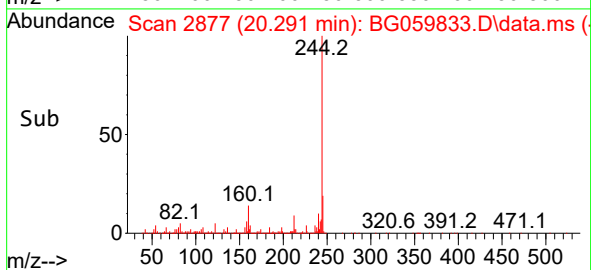
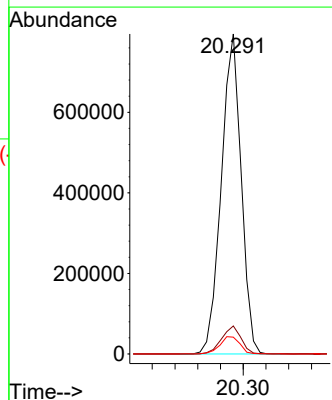
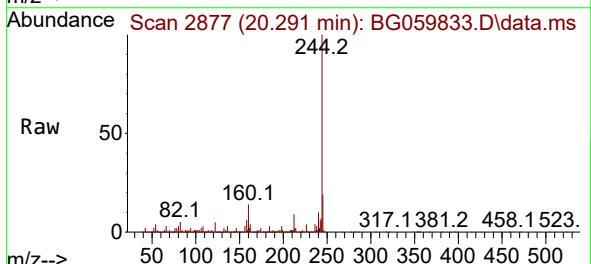
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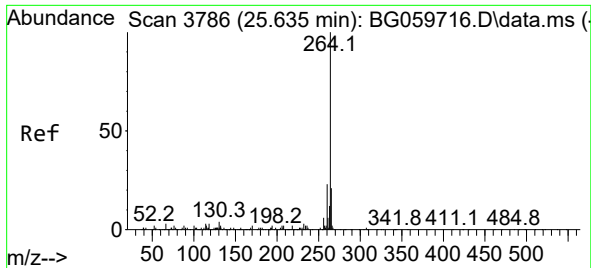
Tgt Ion:184 Resp: 42792
Ion Ratio Lower Upper
184 100
185 14.6 12.2 18.2
183 13.6 8.8 13.2#



#79
Terphenyl-d14
Concen: 73.702 ng
RT: 20.291 min Scan# 2877
Delta R.T. -0.003 min
Lab File: BG059833.D
Acq: 23 Nov 2023 1:08

Tgt Ion:244 Resp: 964461
Ion Ratio Lower Upper
244 100
212 8.7 6.6 10.0
122 5.3 4.4 6.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.632 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: BG059833.D
 Acq: 23 Nov 2023 1:08

Instrument :
 BNA_G
 ClientSampleId :
 WC-SED-04

Tgt Ion:264 Resp: 221690
 Ion Ratio Lower Upper
 264 100
 260 27.3 18.5 27.7
 265 24.4 17.0 25.6

