

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112423\
 Data File : BG059893.D
 Acq On : 25 Nov 2023 15:59
 Operator : MA/JU
 Sample : 05449-06
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-SED-02

Quant Time: Nov 27 11:18:52 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 24 15:11:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

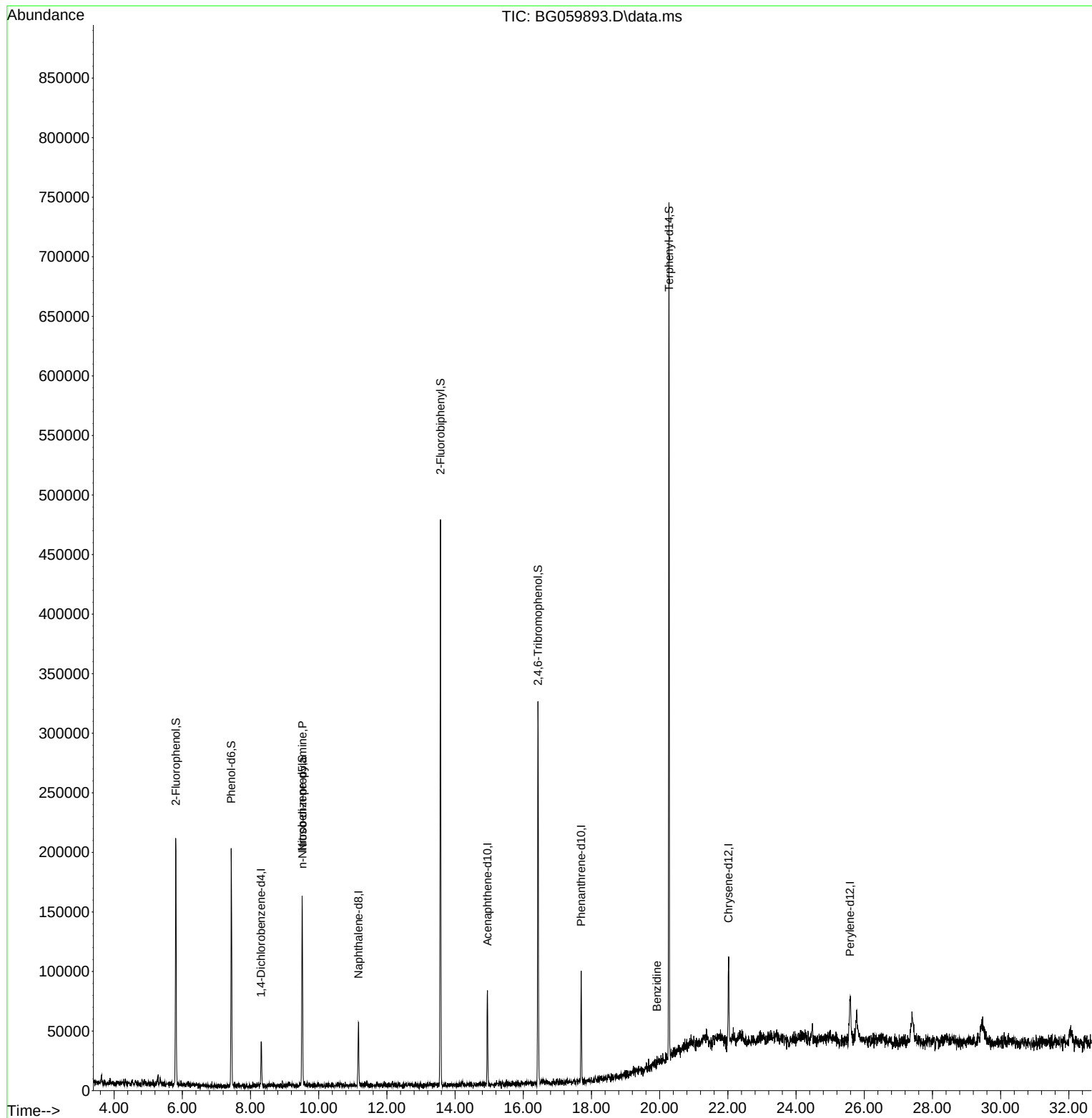
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.311	152	8847	20.000	ng	0.00
21) Naphthalene-d8	11.172	136	38942	20.000	ng	0.00
39) Acenaphthene-d10	14.950	164	28384	20.000	ng	0.00
64) Phenanthrene-d10	17.700	188	49175	20.000	ng	# 0.00
76) Chrysene-d12	22.019	240	40624	20.000	ng	#-0.02
86) Perylene-d12	25.585	264	45017	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.814	112	75671	143.964	ng	0.00
7) Phenol-d6	7.436	99	90275	115.897	ng	0.00
23) Nitrobenzene-d5	9.516	82	99056	97.148	ng	0.00
42) 2,4,6-Tribromophenol	16.437	330	47066	146.144	ng	0.00
45) 2-Fluorobiphenyl	13.570	172	208268	98.766	ng	0.00
79) Terphenyl-d14	20.273	244	313006	113.744	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.521	70	15604	25.439	ng	# 85
77) Benzidine	19.921	184	1898	2.060	ng	# 73

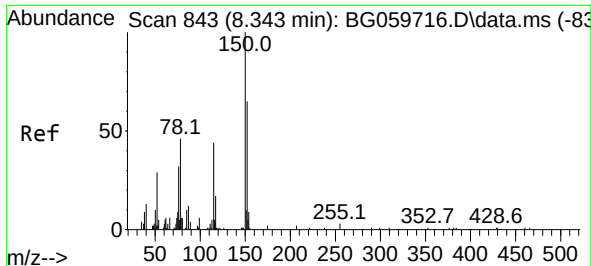
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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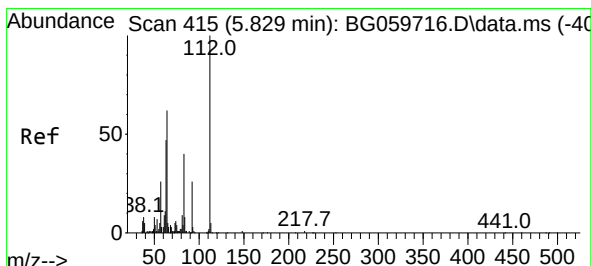
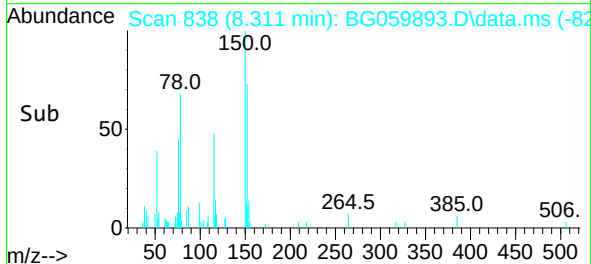
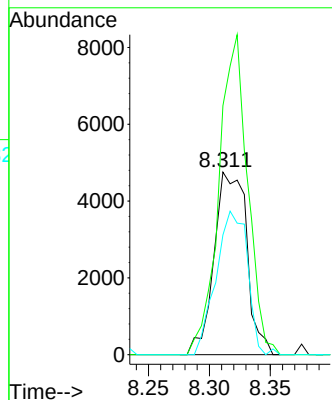
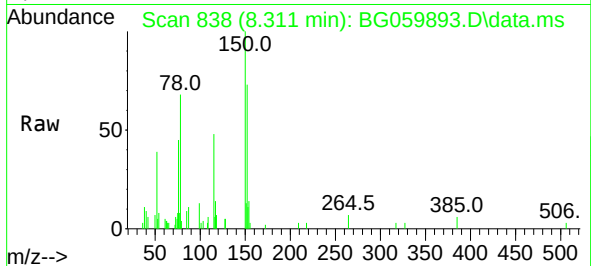




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.311 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG059893.D
Acq: 25 Nov 2023 15:59

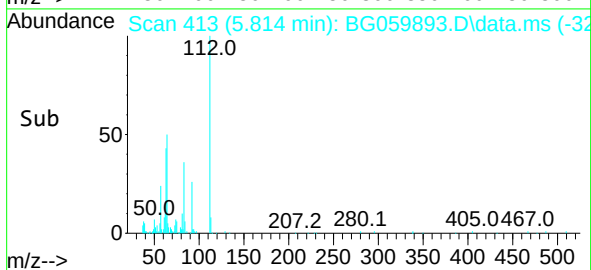
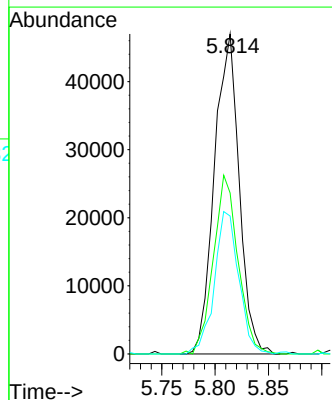
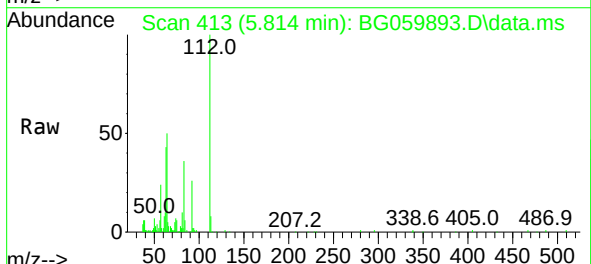
Instrument :
BNA_G
ClientSampleId :
WC-SED-02

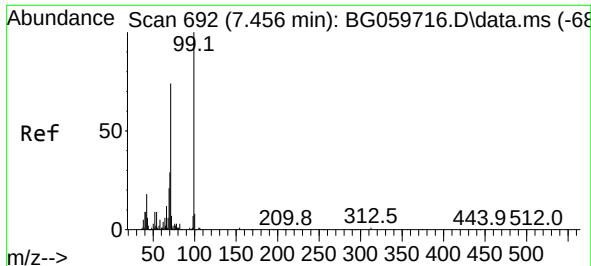
Tgt Ion:152 Resp: 8847
Ion Ratio Lower Upper
152 100
150 136.4 122.2 183.4
115 65.6 54.2 81.4



#5
2-Fluorophenol
Concen: 143.964 ng
RT: 5.814 min Scan# 413
Delta R.T. 0.002 min
Lab File: BG059893.D
Acq: 25 Nov 2023 15:59

Tgt Ion:112 Resp: 75671
Ion Ratio Lower Upper
112 100
64 50.3 49.5 74.3
63 43.1 37.4 56.2

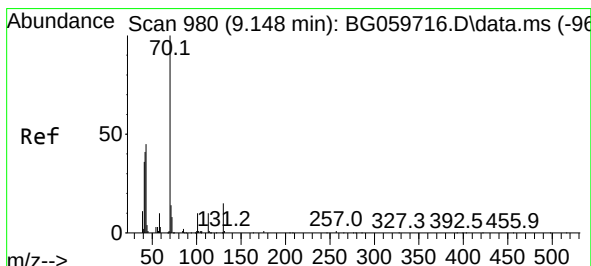
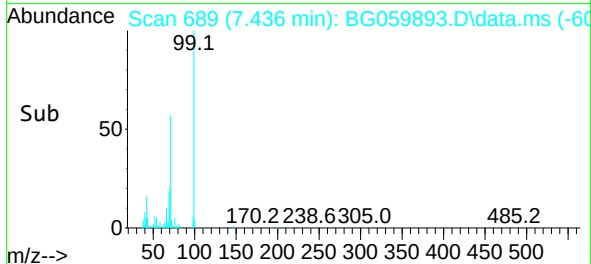
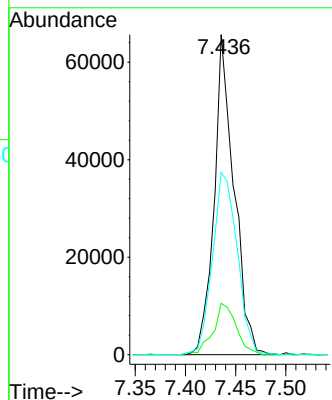
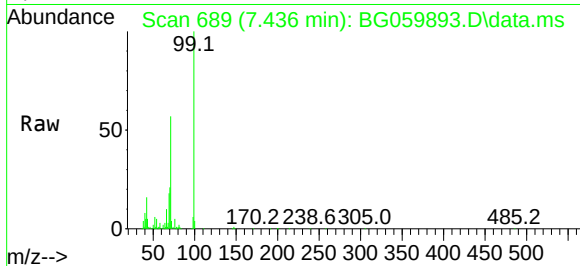




#7
Phenol-d6
Concen: 115.897 ng
RT: 7.436 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG059893.D
Acq: 25 Nov 2023 15:59

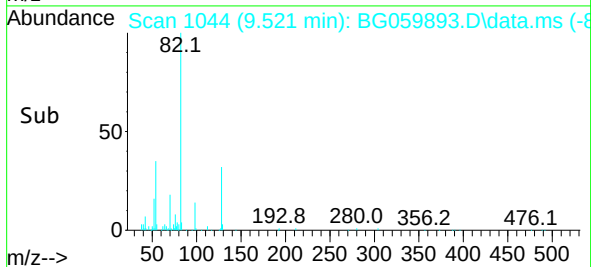
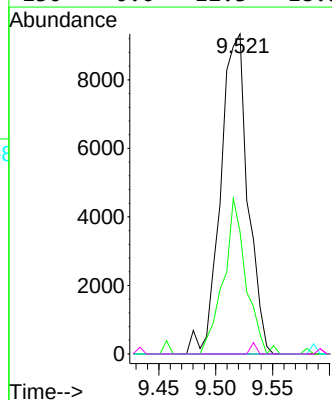
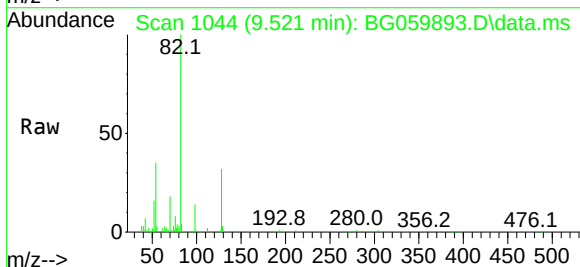
Instrument :
BNA_G
ClientSampleId :
WC-SED-02

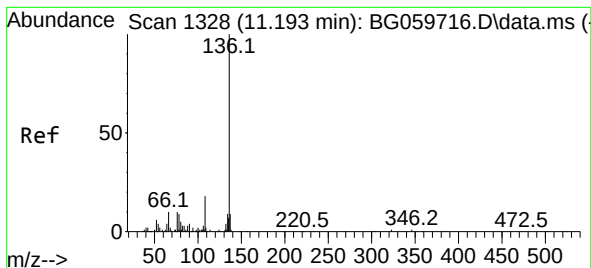
Tgt Ion: 99 Resp: 90275
Ion Ratio Lower Upper
99 100
42 16.1 14.3 21.5
71 57.0 59.3 88.9#



#19
n-Nitroso-di-n-propylamine
Concen: 25.439 ng
RT: 9.521 min Scan# 1044
Delta R.T. 0.390 min
Lab File: BG059893.D
Acq: 25 Nov 2023 15:59

Tgt Ion: 70 Resp: 15604
Ion Ratio Lower Upper
70 100
42 38.2 32.8 49.2
101 0.0 7.7 11.5#
130 0.0 12.3 18.5#

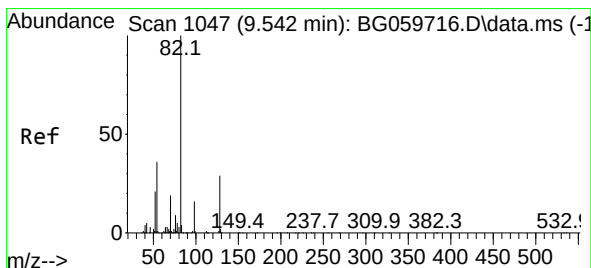
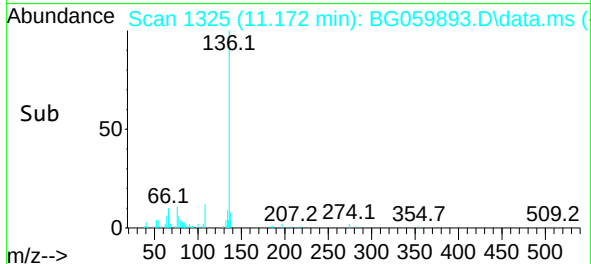
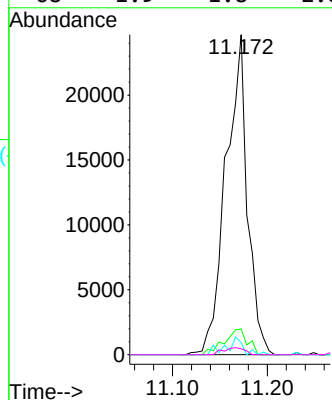
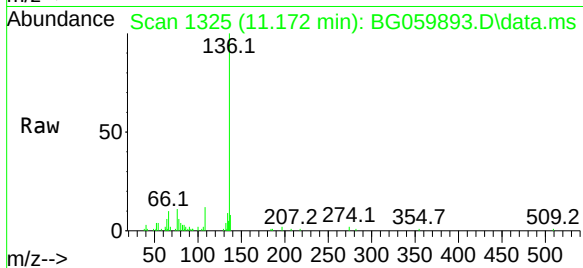




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.172 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG059893.D
Acq: 25 Nov 2023 15:59

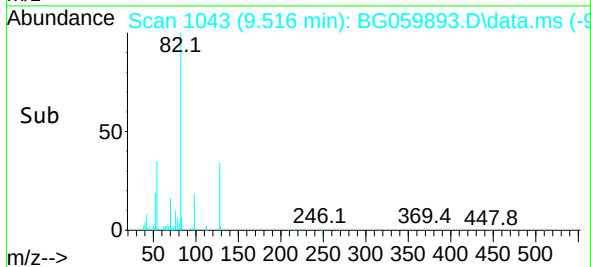
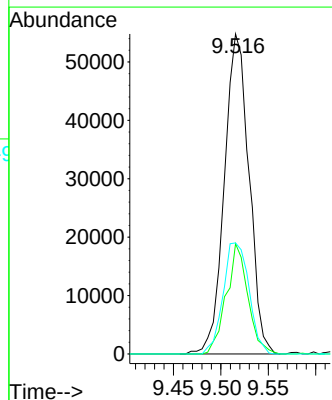
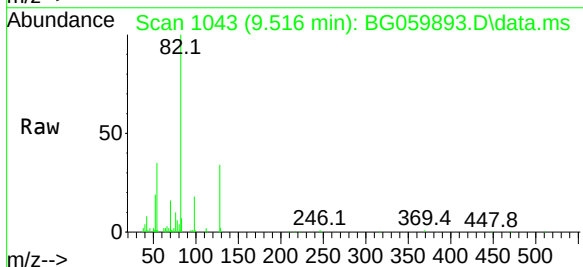
Instrument :
BNA_G
ClientSampleId :
WC-SED-02

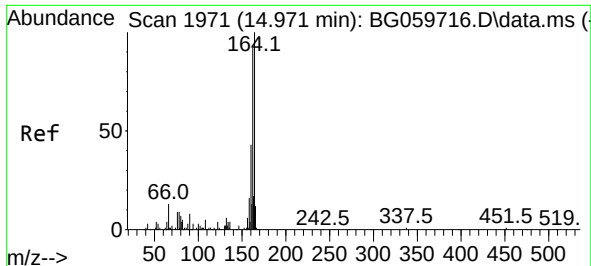
Tgt Ion:	136	Resp:	38942
Ion Ratio	Lower	Upper	
136	100		
137	8.0	7.4	11.0
54	3.8	3.1	4.7
68	1.9	1.8	2.8



#23
Nitrobenzene-d5
Concen: 97.148 ng
RT: 9.516 min Scan# 1043
Delta R.T. -0.009 min
Lab File: BG059893.D
Acq: 25 Nov 2023 15:59

Tgt Ion:	82	Resp:	99056
Ion Ratio	Lower	Upper	
82	100		
128	34.4	23.0	34.6
54	34.7	28.7	43.1

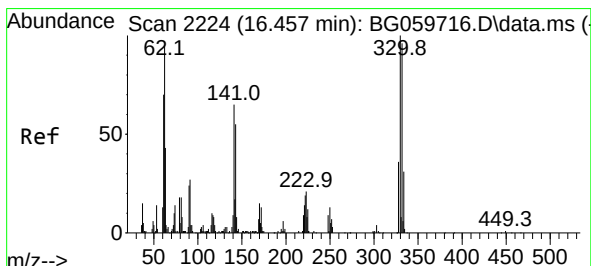
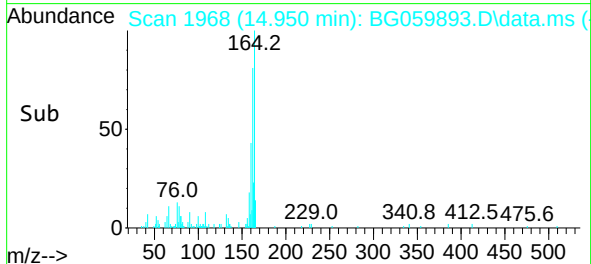
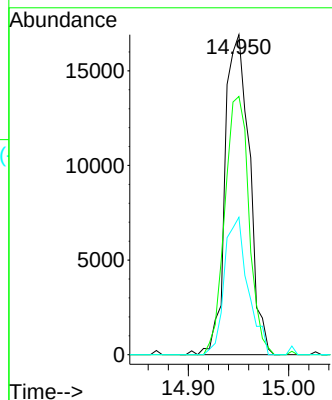
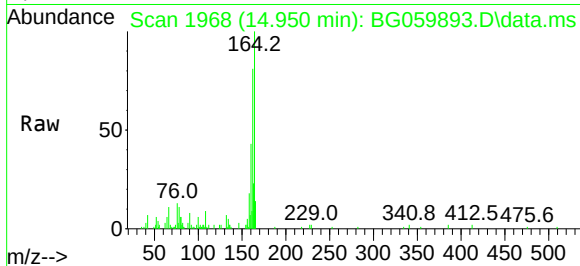




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.950 min Scan# 1968
Delta R.T. -0.004 min
Lab File: BG059893.D
Acq: 25 Nov 2023 15:59

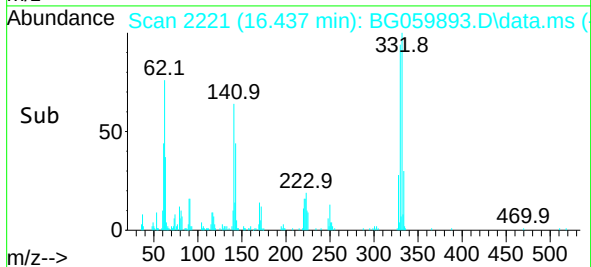
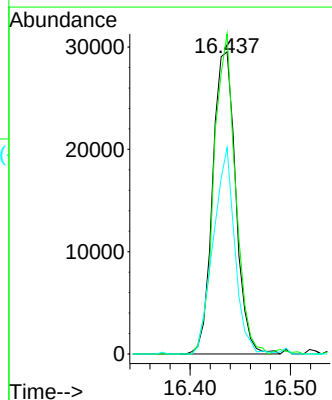
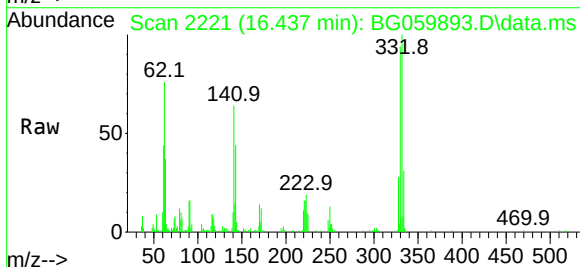
Instrument :
BNA_G
ClientSampleId :
WC-SED-02

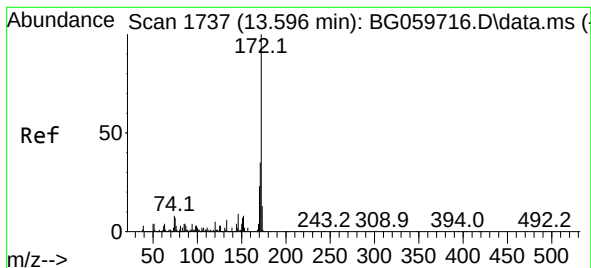
Tgt Ion:164 Resp: 28384
Ion Ratio Lower Upper
164 100
162 80.7 73.3 109.9
160 42.9 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 146.144 ng
RT: 16.437 min Scan# 2221
Delta R.T. -0.004 min
Lab File: BG059893.D
Acq: 25 Nov 2023 15:59

Tgt Ion:330 Resp: 47066
Ion Ratio Lower Upper
330 100
332 99.2 73.3 109.9
141 63.8 52.1 78.1





#45

2-Fluorobiphenyl

Concen: 98.766 ng

RT: 13.570 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG059893.D

Acq: 25 Nov 2023 15:59

Instrument :

BNA_G

ClientSampleId :

WC-SED-02

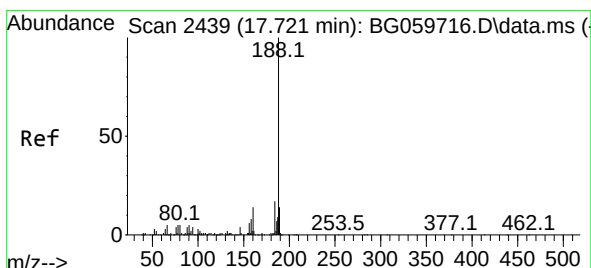
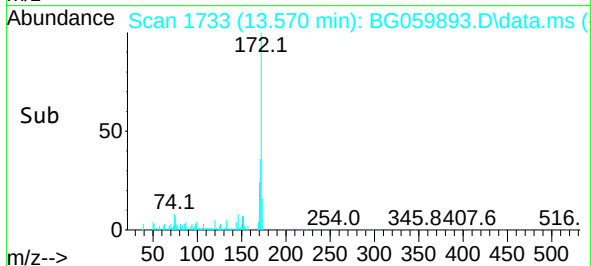
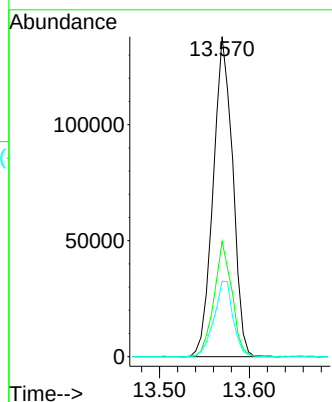
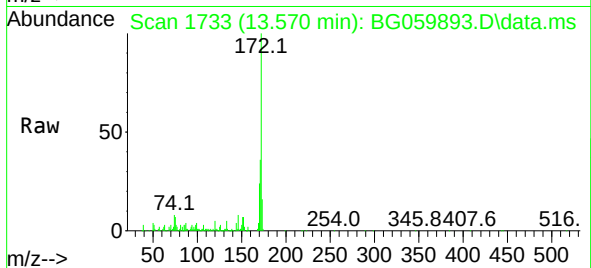
Tgt Ion:172 Resp: 208268

Ion Ratio Lower Upper

172 100

171 36.0 27.7 41.5

170 23.6 18.4 27.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.700 min Scan# 2436

Delta R.T. -0.009 min

Lab File: BG059893.D

Acq: 25 Nov 2023 15:59

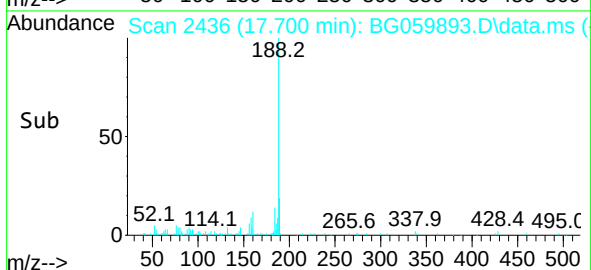
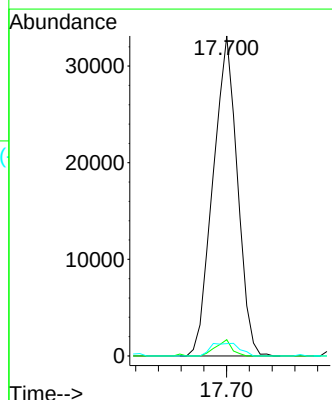
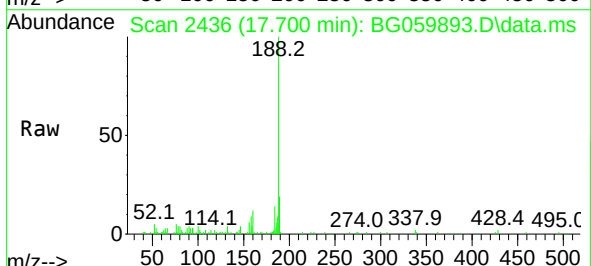
Tgt Ion:188 Resp: 49175

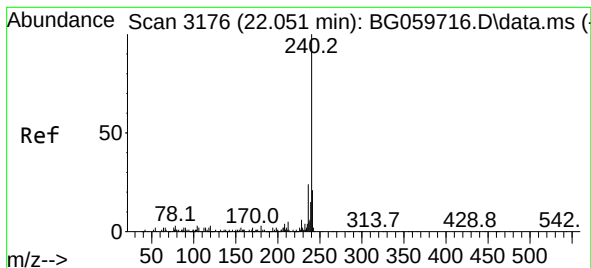
Ion Ratio Lower Upper

188 100

94 5.1 3.0 4.4#

80 3.9 4.2 6.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.019 min Scan# 31

Delta R.T. -0.015 min

Lab File: BG059893.D

Acq: 25 Nov 2023 15:59

Instrument :

BNA_G

ClientSampleId :

WC-SED-02

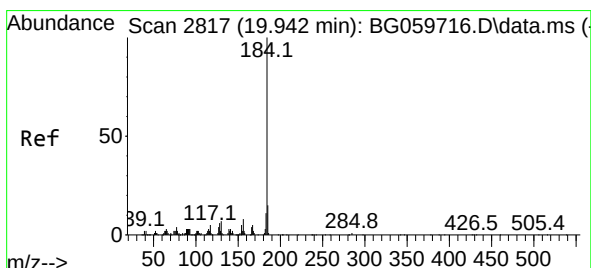
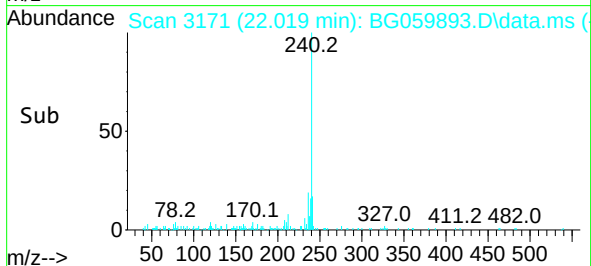
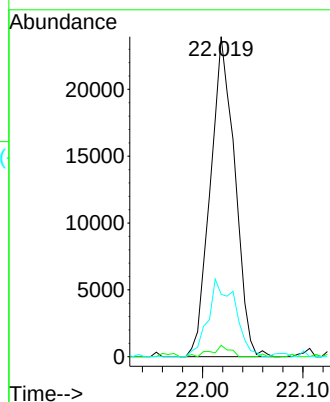
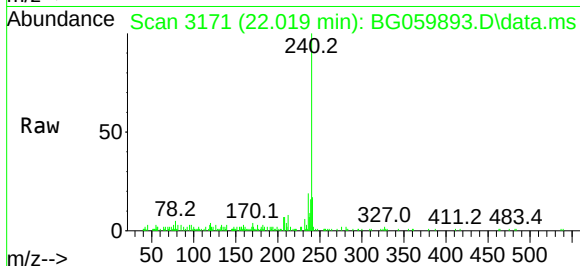
Tgt Ion:240 Resp: 40624

Ion Ratio Lower Upper

240 100

120 3.5 2.2 3.2#

236 19.5 19.4 29.2



#77

Benzidine

Concen: 2.060 ng

RT: 19.921 min Scan# 2814

Delta R.T. -0.009 min

Lab File: BG059893.D

Acq: 25 Nov 2023 15:59

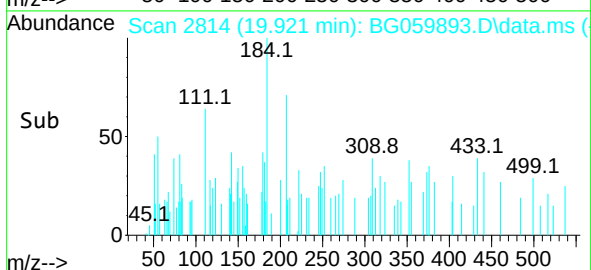
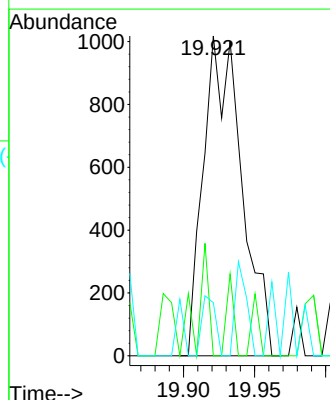
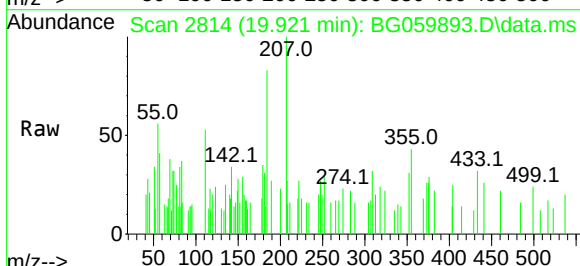
Tgt Ion:184 Resp: 1898

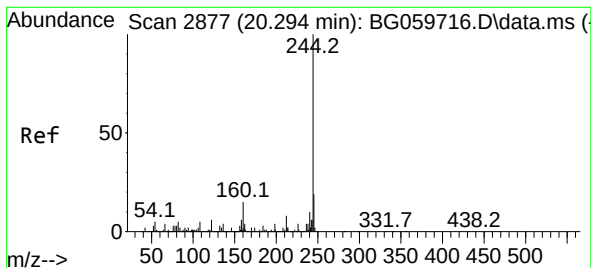
Ion Ratio Lower Upper

184 100

185 0.0 12.2 18.2#

183 16.6 8.8 13.2#





#79

Terphenyl-d14

Concen: 113.744 ng

RT: 20.273 min Scan# 2

Delta R.T. -0.009 min

Lab File: BG059893.D

Acq: 25 Nov 2023 15:59

Instrument :

BNA_G

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WC-SED-02

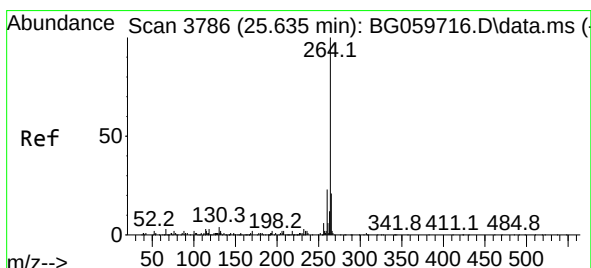
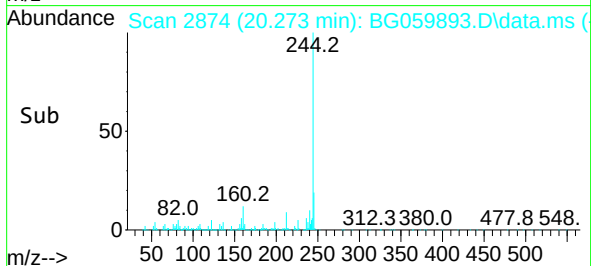
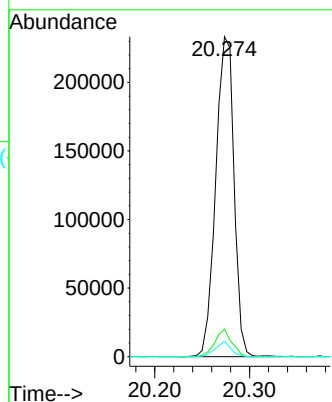
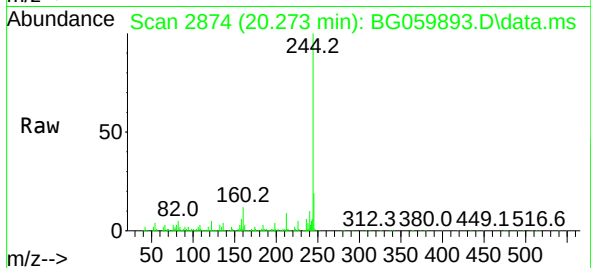
Tgt Ion:244 Resp: 313006

Ion Ratio Lower Upper

244 100

212 8.6 6.6 10.0

122 4.8 4.4 6.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.585 min Scan# 3778

Delta R.T. -0.027 min

Lab File: BG059893.D

Acq: 25 Nov 2023 15:59

Tgt Ion:264 Resp: 45017

Ion Ratio Lower Upper

264 100

260 25.2 18.5 27.7

265 20.8 17.0 25.6

