

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112423\
 Data File : BG059858.D
 Acq On : 24 Nov 2023 14:31
 Operator : MA/JU
 Sample : 05293-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-8

Quant Time: Nov 24 15:04:54 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)

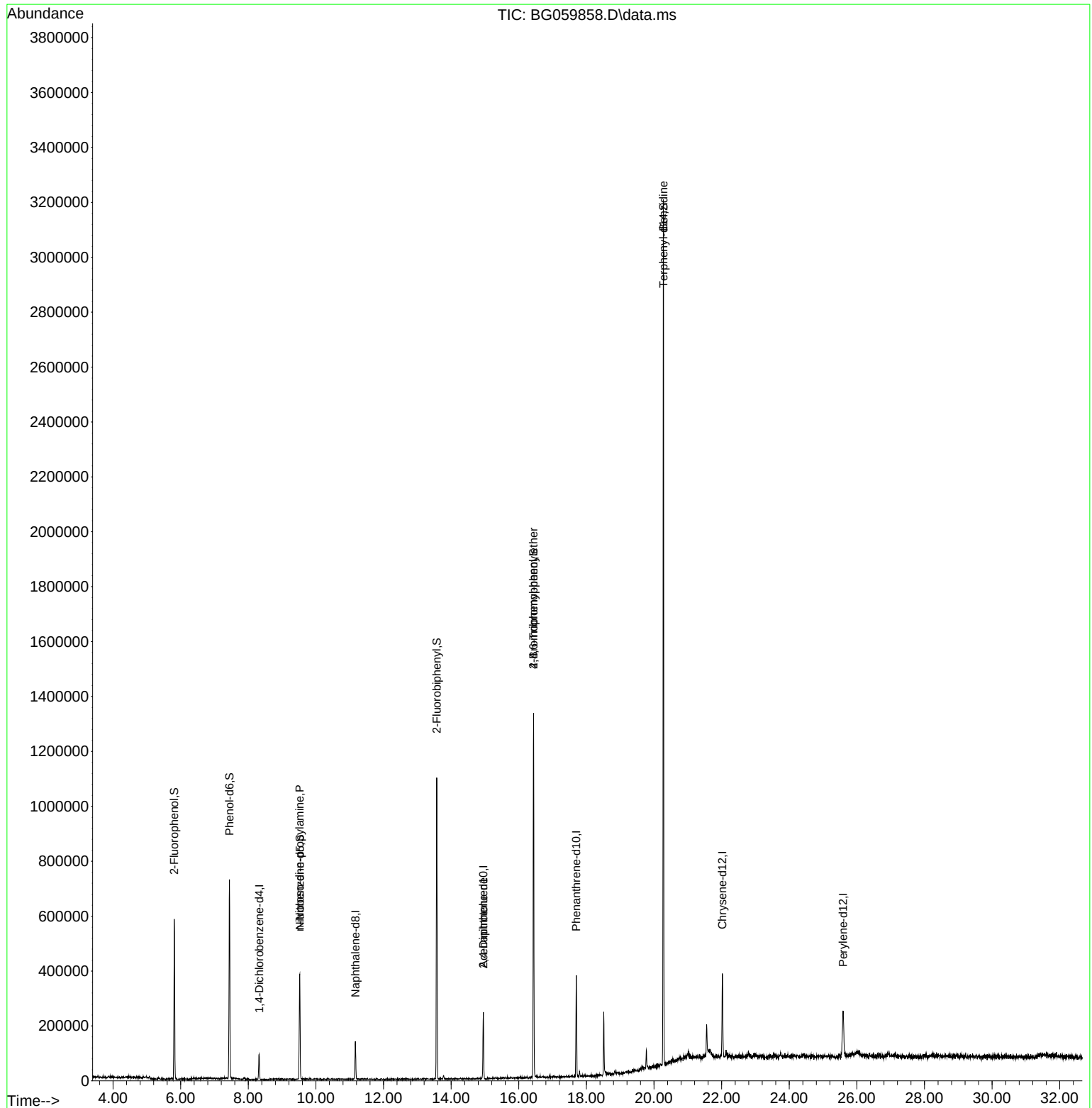
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.324	152	19212	20.000	ng	-0.02
21) Naphthalene-d8	11.167	136	95508	20.000	ng	#-0.03
39) Acenaphthene-d10	14.951	164	70878	20.000	ng	#-0.02
64) Phenanthrene-d10	17.701	188	209414	20.000	ng	#-0.02
76) Chrysene-d12	22.019	240	173920	20.000	ng	#-0.03
86) Perylene-d12	25.592	264	203799	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.809	112	196056	171.762	ng	-0.02
7) Phenol-d6	7.442	99	318267	188.156	ng	-0.01
23) Nitrobenzene-d5	9.522	82	236690	94.648	ng	-0.02
42) 2,4,6-Tribromophenol	16.438	330	178004	221.343	ng	-0.02
45) 2-Fluorobiphenyl	13.570	172	506963	96.277	ng	-0.03
79) Terphenyl-d14	20.274	244	1273066	108.059	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.516	70	41002	30.782	ng	# 88
57) 2,4-Dinitrotoluene	14.951	165	9701	6.054	ng	# 6
67) 4-Bromophenyl-phenylether	16.438	248	12777	5.679	ng	# 1
77) Benzidine	20.280	184	35469	8.994	ng	# 94

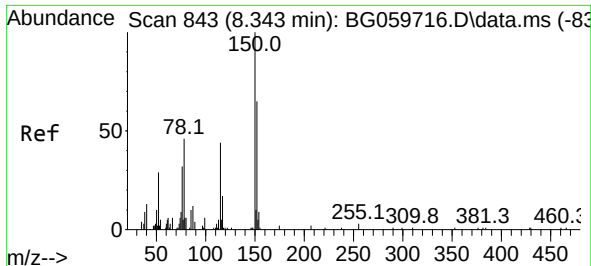
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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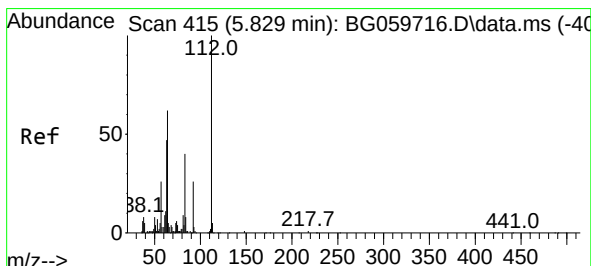
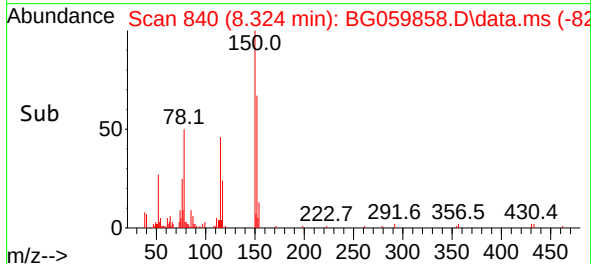
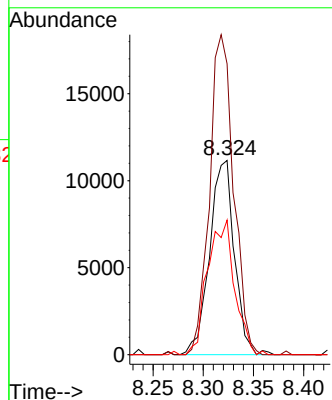
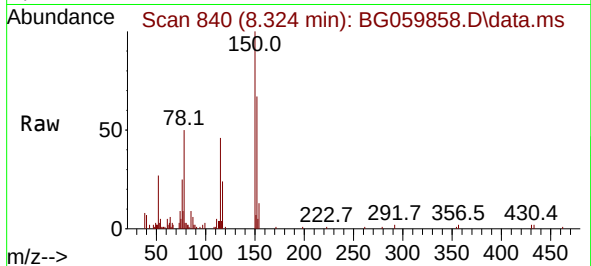




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.324 min Scan# 84
Delta R.T. -0.019 min
Lab File: BG059858.D
Acq: 24 Nov 2023 14:31

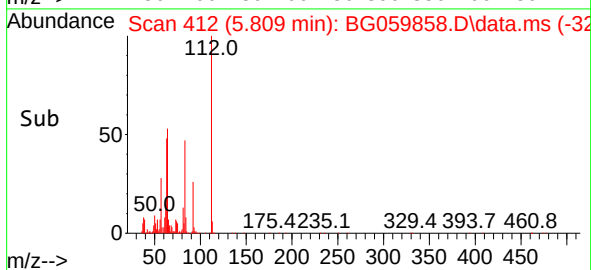
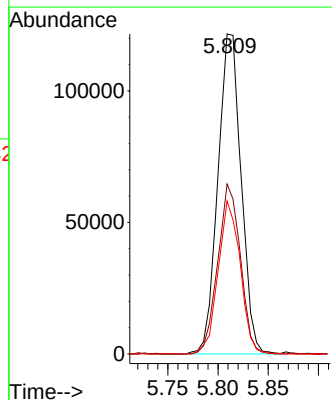
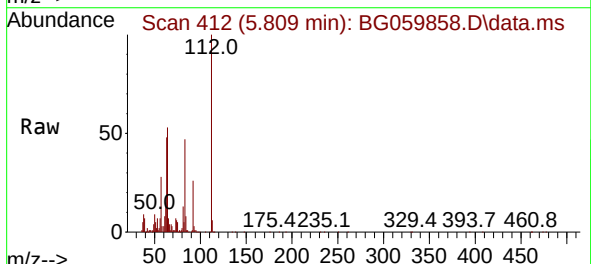
Instrument :
BNA_G
ClientSampleId :
SB-8

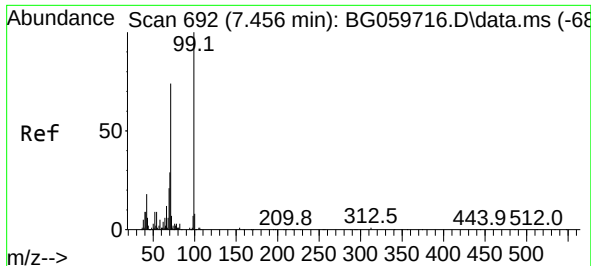
Tgt Ion:152 Resp: 19212
Ion Ratio Lower Upper
152 100
150 149.8 122.2 183.4
115 69.2 54.2 81.4



#5
2-Fluorophenol
Concen: 171.762 ng
RT: 5.809 min Scan# 412
Delta R.T. -0.020 min
Lab File: BG059858.D
Acq: 24 Nov 2023 14:31

Tgt Ion:112 Resp: 196056
Ion Ratio Lower Upper
112 100
64 53.1 49.5 74.3
63 47.8 37.4 56.2

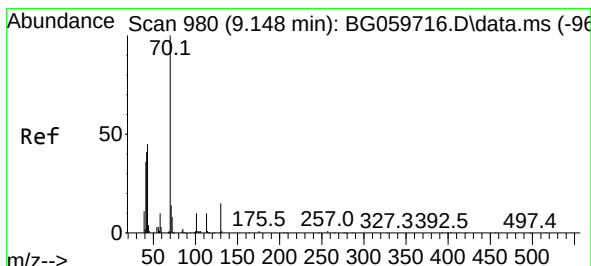
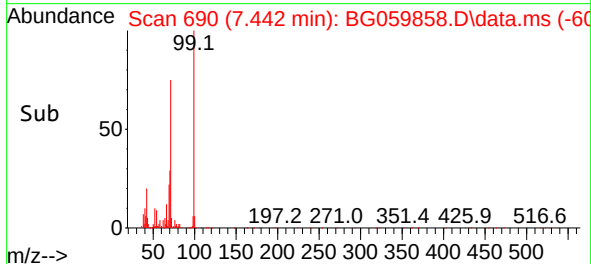
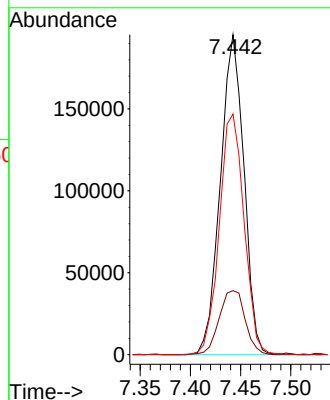
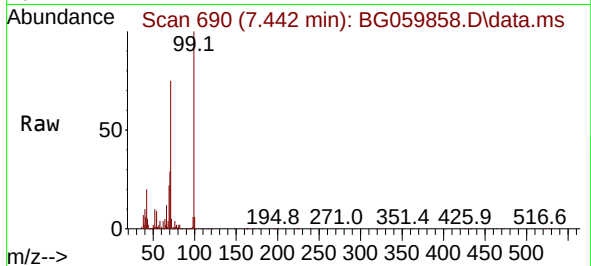




#7
Phenol-d6
Concen: 188.156 ng
RT: 7.442 min Scan# 69
Delta R.T. -0.014 min
Lab File: BG059858.D
Acq: 24 Nov 2023 14:31

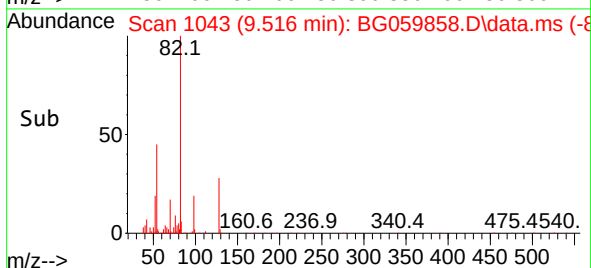
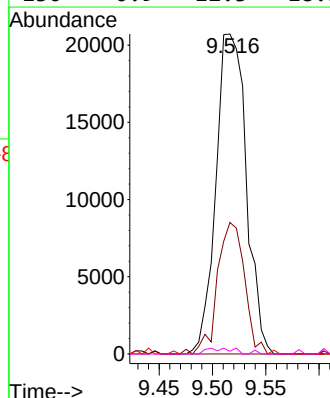
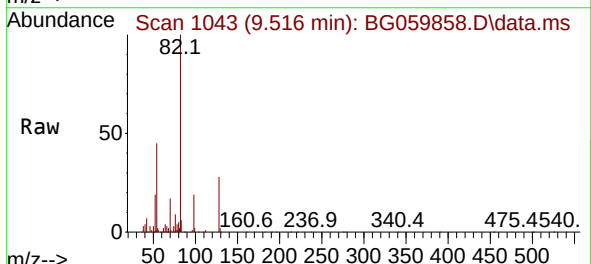
Instrument :
BNA_G
ClientSampleId :
SB-8

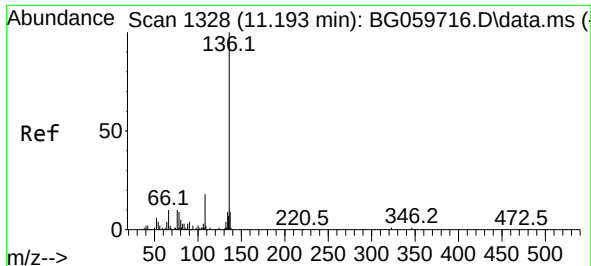
Tgt Ion: 99 Resp: 318267
Ion Ratio Lower Upper
99 100
42 20.0 14.3 21.5
71 75.3 59.3 88.9



#19
n-Nitroso-di-n-propylamine
Concen: 30.782 ng
RT: 9.516 min Scan# 1043
Delta R.T. 0.368 min
Lab File: BG059858.D
Acq: 24 Nov 2023 14:31

Tgt Ion: 70 Resp: 41002
Ion Ratio Lower Upper
70 100
42 41.1 32.8 49.2
101 0.0 7.7 11.5#
130 0.9 12.3 18.5#

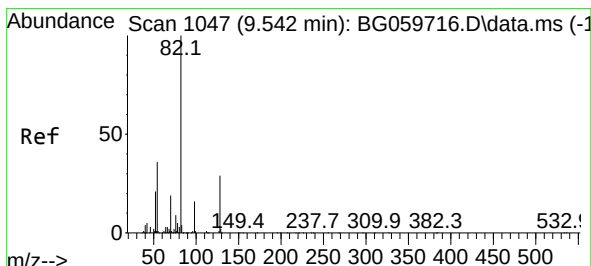
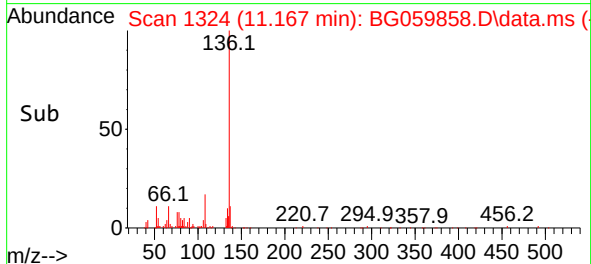
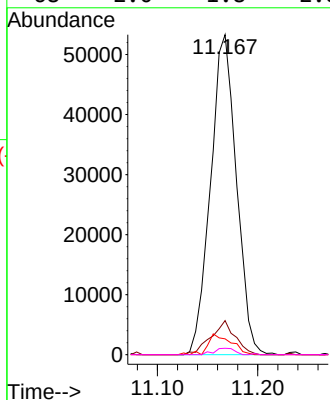
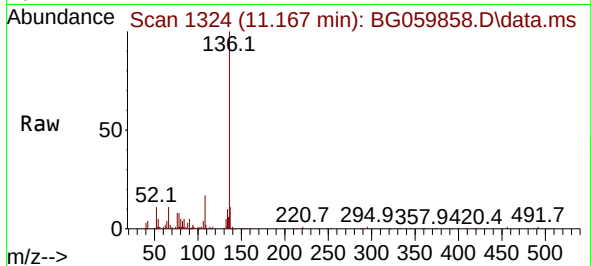




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.167 min Scan# 111
Delta R.T. -0.026 min
Lab File: BG059858.D
Acq: 24 Nov 2023 14:31

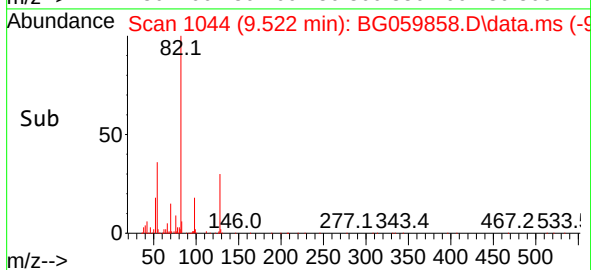
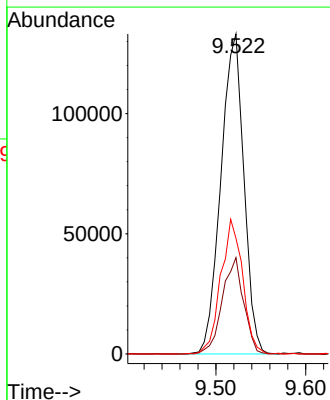
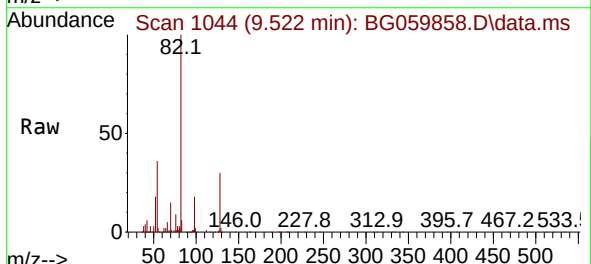
Instrument :
BNA_G
ClientSampleId :
SB-8

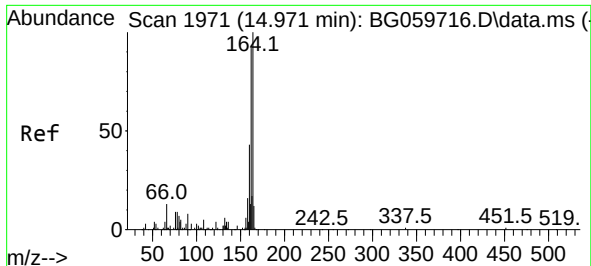
Tgt Ion:	136	Resp:	95508
Ion Ratio	Lower	Upper	
136	100		
137	10.7	7.4	11.0
54	4.9	3.1	4.7#
68	2.0	1.8	2.8



#23
Nitrobenzene-d5
Concen: 94.648 ng
RT: 9.522 min Scan# 1044
Delta R.T. -0.020 min
Lab File: BG059858.D
Acq: 24 Nov 2023 14:31

Tgt Ion:	82	Resp:	236690
Ion Ratio	Lower	Upper	
82	100		
128	30.1	23.0	34.6
54	36.1	28.7	43.1

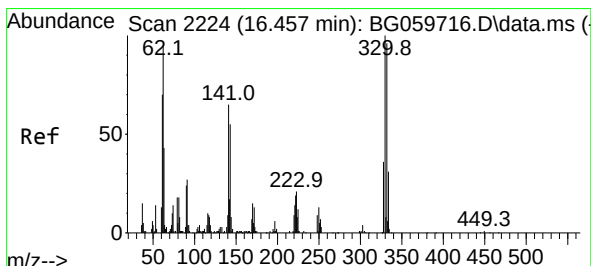
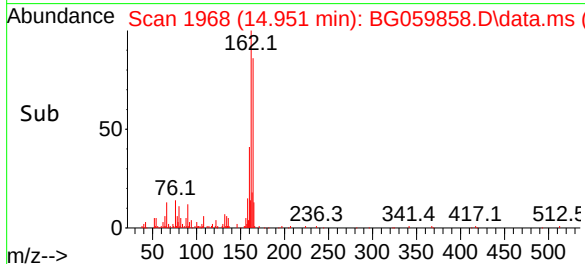
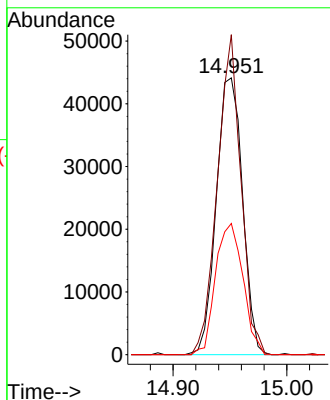
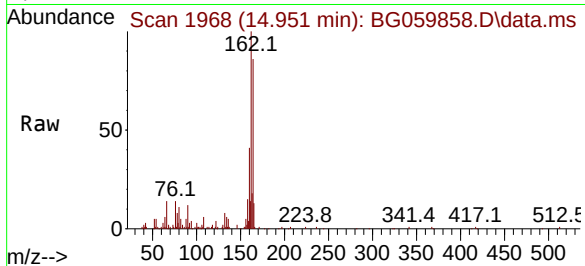




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.951 min Scan# 1971
Delta R.T. -0.020 min
Lab File: BG059858.D
Acq: 24 Nov 2023 14:31

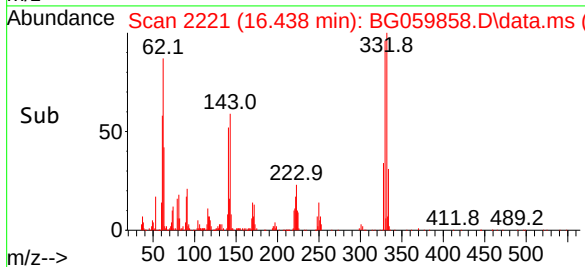
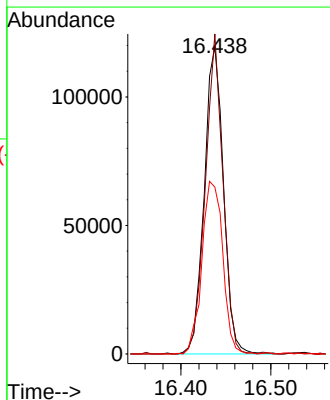
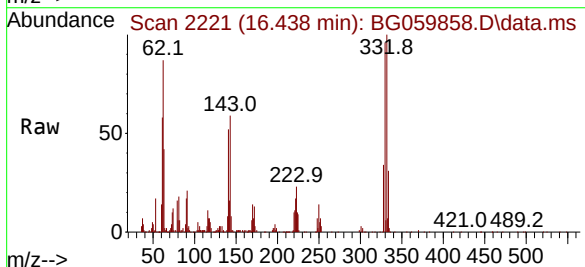
Instrument :
BNA_G
ClientSampleId :
SB-8

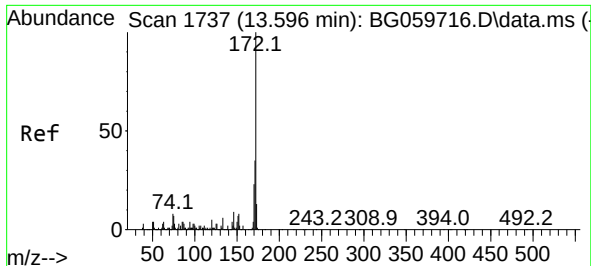
Tgt Ion:164 Resp: 70878
Ion Ratio Lower Upper
164 100
162 115.6 73.3 109.9#
160 47.4 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 221.343 ng
RT: 16.438 min Scan# 2221
Delta R.T. -0.020 min
Lab File: BG059858.D
Acq: 24 Nov 2023 14:31

Tgt Ion:330 Resp: 178004
Ion Ratio Lower Upper
330 100
332 95.2 73.3 109.9
141 60.8 52.1 78.1

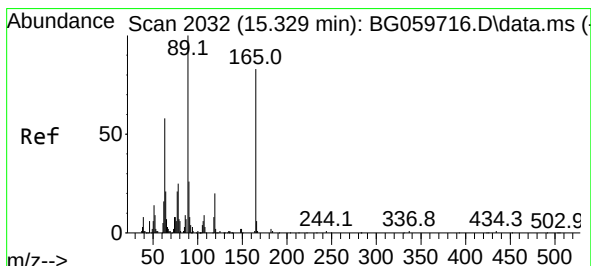
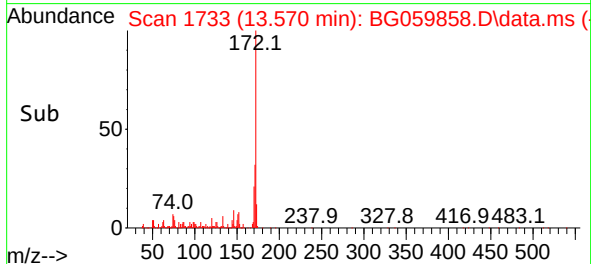
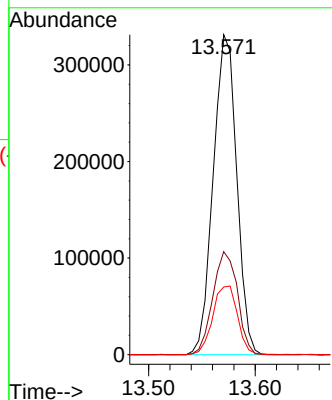
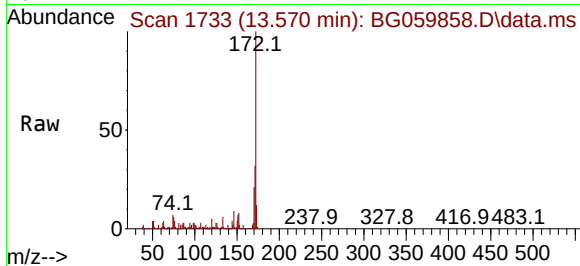




#45
2-Fluorobiphenyl
Concen: 96.277 ng
RT: 13.570 min Scan# 11
Delta R.T. -0.026 min
Lab File: BG059858.D
Acq: 24 Nov 2023 14:31

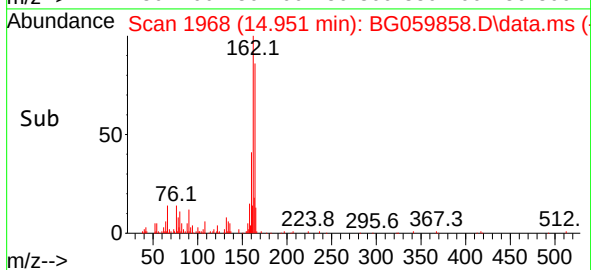
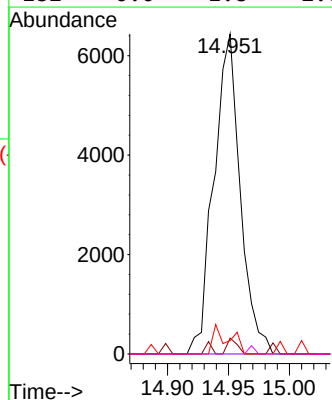
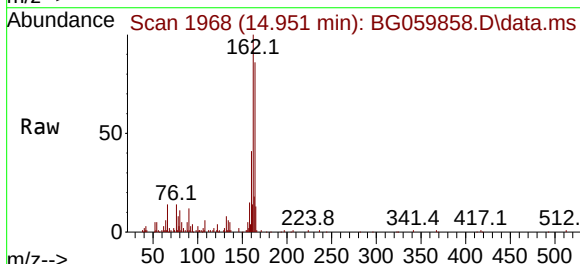
Instrument :
BNA_G
ClientSampleId :
SB-8

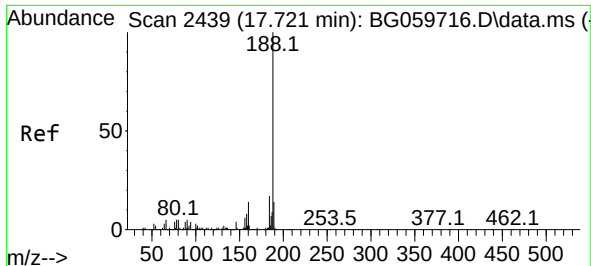
Tgt Ion:172 Resp: 506963
Ion Ratio Lower Upper
172 100
171 32.2 27.7 41.5
170 21.2 18.4 27.6



#57
2,4-Dinitrotoluene
Concen: 6.054 ng
RT: 14.951 min Scan# 1968
Delta R.T. -0.378 min
Lab File: BG059858.D
Acq: 24 Nov 2023 14:31

Tgt Ion:165 Resp: 9701
Ion Ratio Lower Upper
165 100
63 5.0 55.8 83.8#
89 4.1 96.9 145.3#
182 0.0 1.8 2.6#

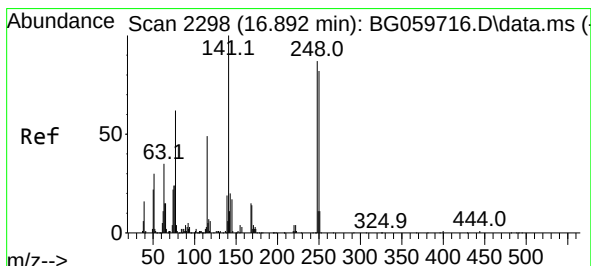
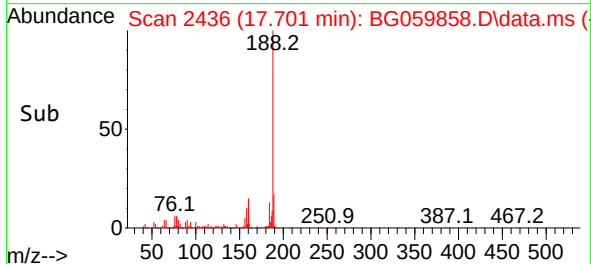
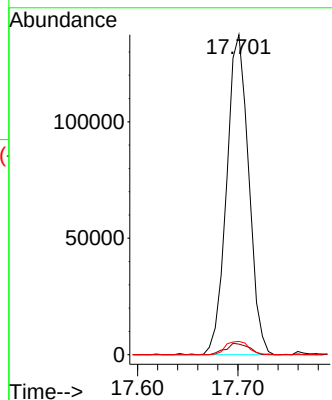
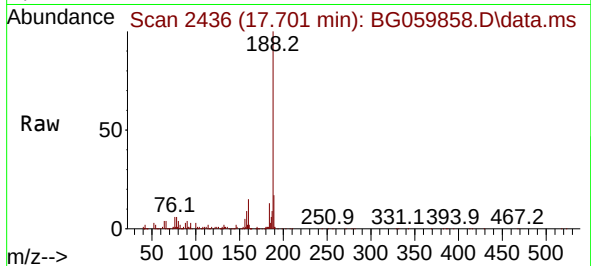




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.701 min Scan# 2439
Delta R.T. -0.020 min
Lab File: BG059858.D
Acq: 24 Nov 2023 14:31

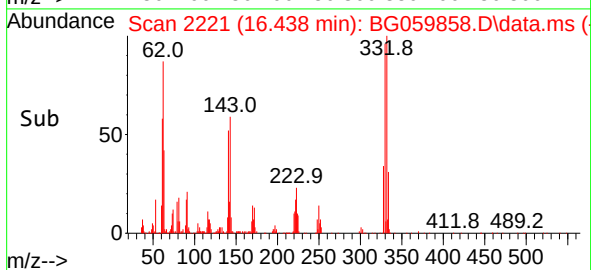
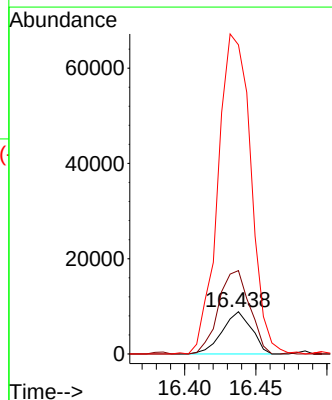
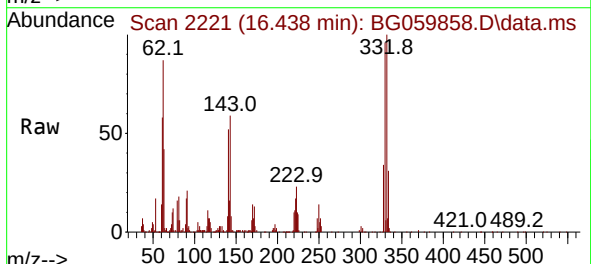
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BNA_G
ClientSampleId :
SB-8

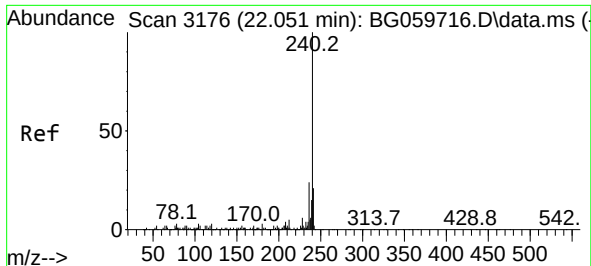
Tgt Ion:188 Resp: 209414
Ion Ratio Lower Upper
188 100
94 3.3 3.0 4.4
80 4.2 4.2 6.4#



#67
4-Bromophenyl-phenylether
Concen: 5.679 ng
RT: 16.438 min Scan# 2221
Delta R.T. -0.454 min
Lab File: BG059858.D
Acq: 24 Nov 2023 14:31

Tgt Ion:248 Resp: 12777
Ion Ratio Lower Upper
248 100
250 154.4 75.2 112.8#
141 573.1 91.5 137.3#

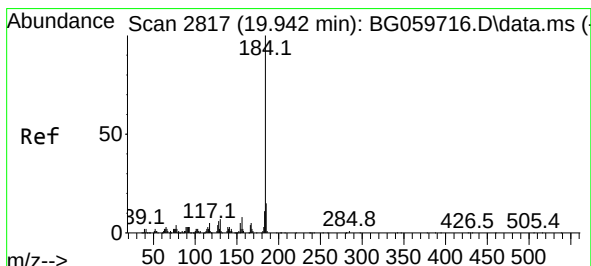
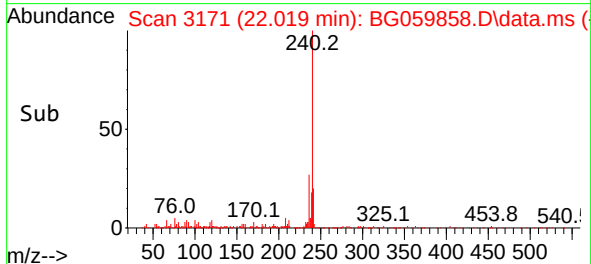
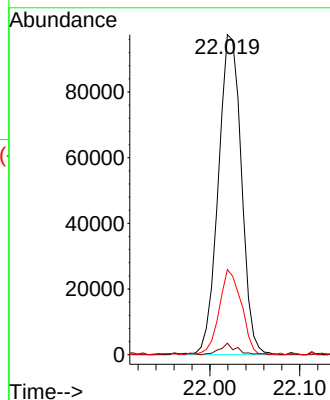
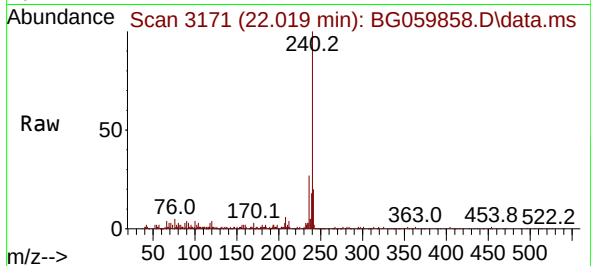




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.019 min Scan# 3176
Delta R.T. -0.031 min
Lab File: BG059858.D
Acq: 24 Nov 2023 14:31

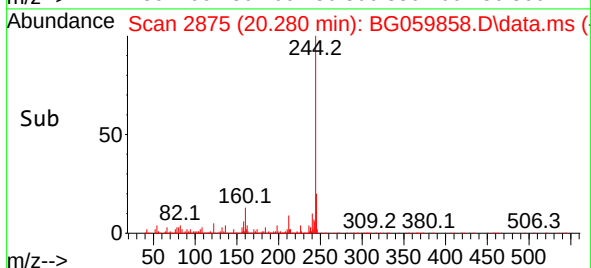
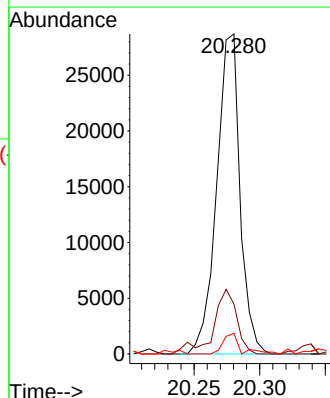
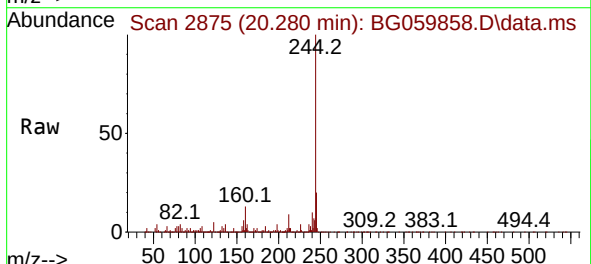
Instrument :
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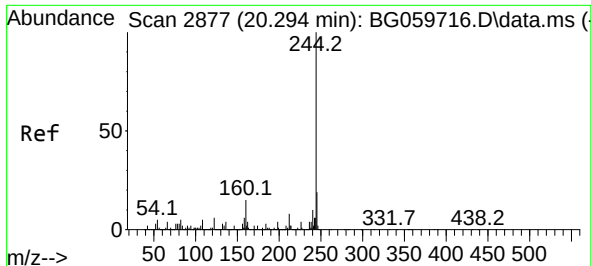
Tgt Ion:240 Resp: 173920
Ion Ratio Lower Upper
240 100
120 3.6 2.2 3.2#
236 26.6 19.4 29.2



#77
Benzidine
Concen: 8.994 ng
RT: 20.280 min Scan# 2875
Delta R.T. 0.339 min
Lab File: BG059858.D
Acq: 24 Nov 2023 14:31

Tgt Ion:184 Resp: 35469
Ion Ratio Lower Upper
184 100
185 15.6 12.2 18.2
183 6.5 8.8 13.2#

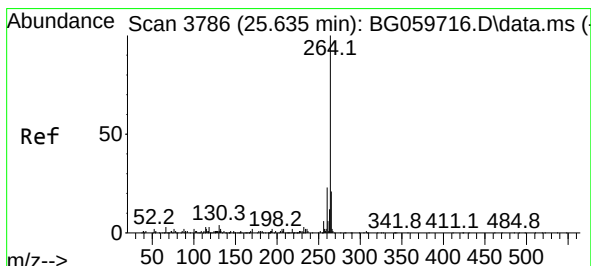
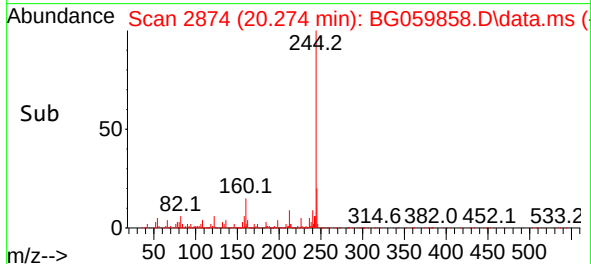
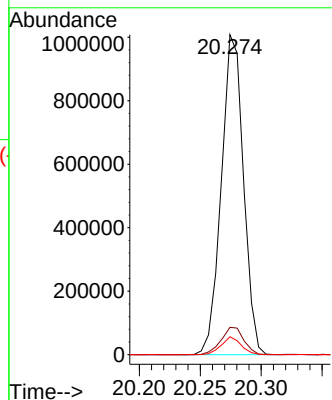
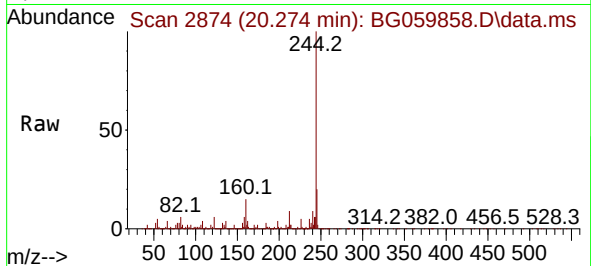




#79
 Terphenyl-d14
 Concen: 108.059 ng
 RT: 20.274 min Scan# 21
 Delta R.T. -0.020 min
 Lab File: BG059858.D
 Acq: 24 Nov 2023 14:31

Instrument :
 BNA_G
 ClientSampleId :
 SB-8

Tgt Ion:244 Resp: 1273066
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.6 10.0
 122 5.6 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.592 min Scan# 3779
 Delta R.T. -0.043 min
 Lab File: BG059858.D
 Acq: 24 Nov 2023 14:31

Tgt Ion:264 Resp: 203799
 Ion Ratio Lower Upper
 264 100
 260 19.8 18.5 27.7
 265 17.3 17.0 25.6

