

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112423\
 Data File : BG059869.D
 Acq On : 24 Nov 2023 22:24
 Operator : MA/JU
 Sample : 05408-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 710-NEW-YORK-AVE

Quant Time: Nov 25 01:03:25 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)

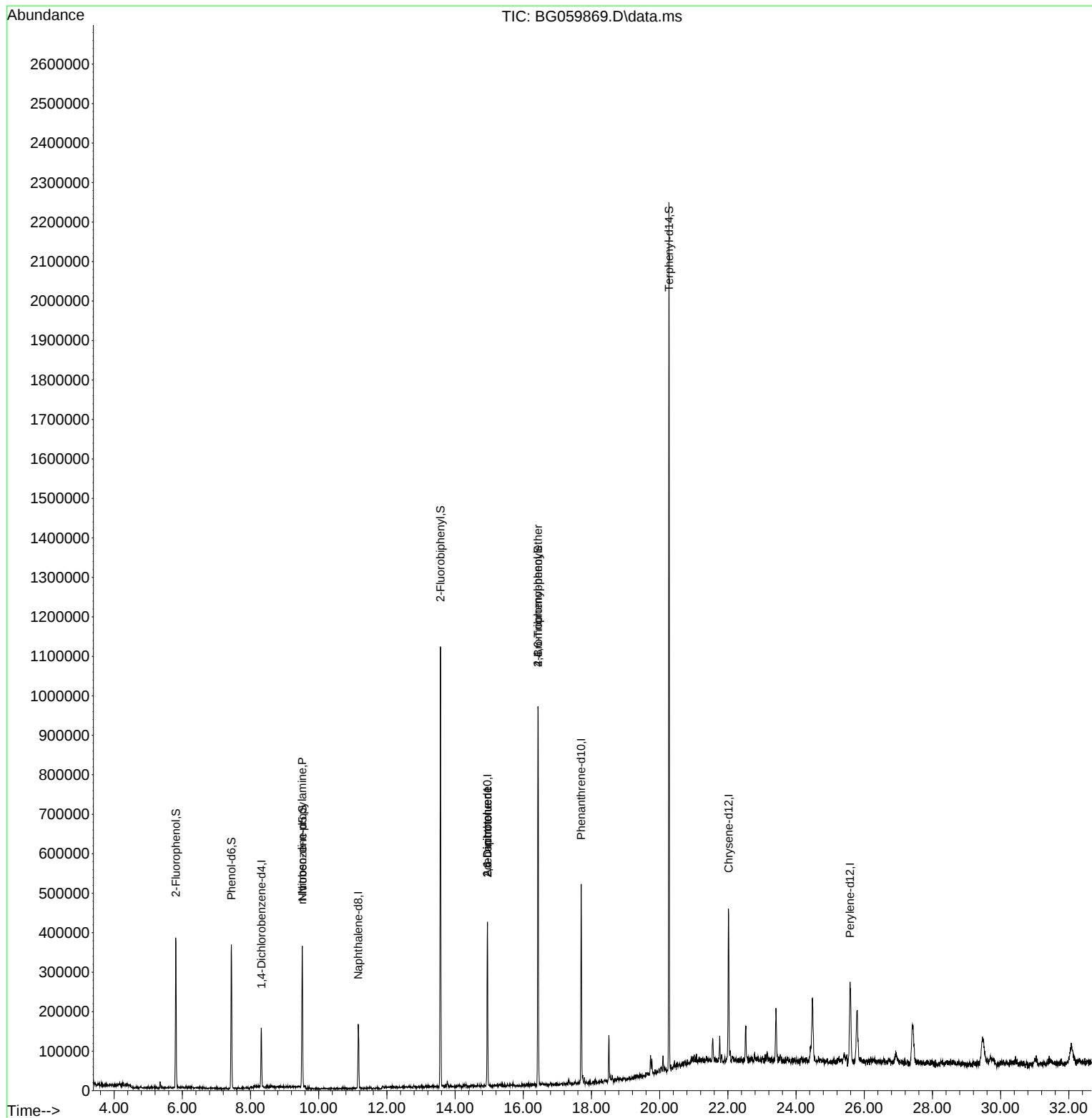
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.322	152	30435	20.000	ng	0.00
21) Naphthalene-d8	11.160	136	119406	20.000	ng	# 0.00
39) Acenaphthene-d10	14.950	164	122715	20.000	ng	0.00
64) Phenanthrene-d10	17.700	188	283693	20.000	ng	# 0.00
76) Chrysene-d12	22.024	240	216152	20.000	ng	# 0.00
86) Perylene-d12	25.585	264	247346	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.814	112	135161	74.748	ng	0.00
7) Phenol-d6	7.441	99	165737	61.851	ng	0.00
23) Nitrobenzene-d5	9.521	82	227894	72.892	ng	0.00
42) 2,4,6-Tribromophenol	16.436	330	136115	97.759	ng	0.00
45) 2-Fluorobiphenyl	13.569	172	475504	52.157	ng	0.00
79) Terphenyl-d14	20.273	244	866353	59.169	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.515	70	37839	17.932	ng	# 74
51) 2,6-Dinitrotoluene	14.950	165	16623	9.214	ng	# 2
57) 2,4-Dinitrotoluene	14.950	165	16623	5.992	ng	# 6
67) 4-Bromophenyl-phenylether	16.436	248	10459	3.432	ng	# 1

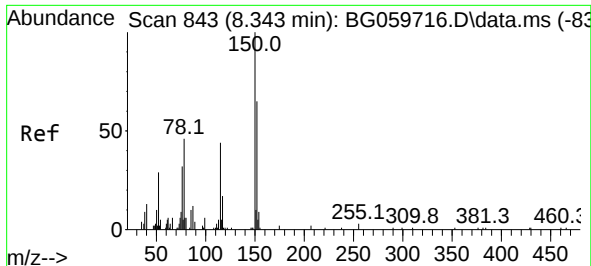
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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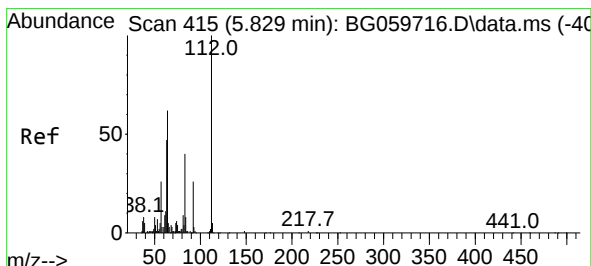
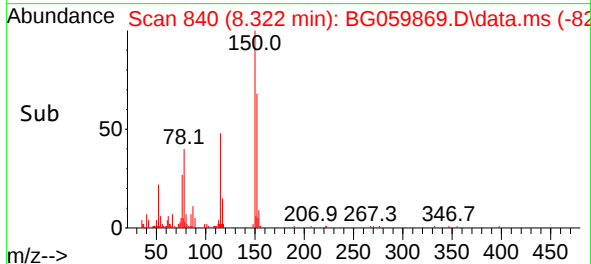
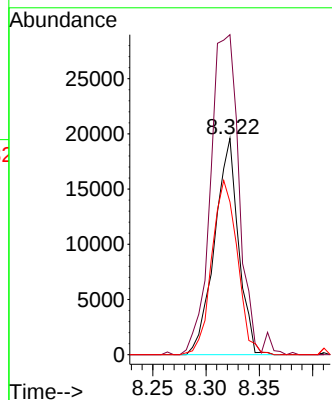
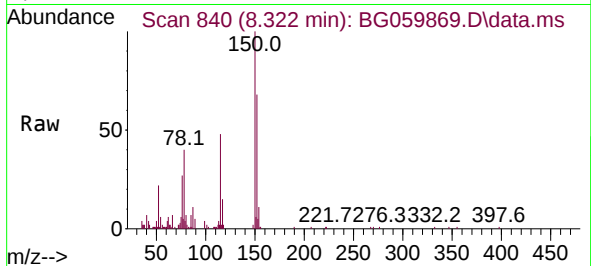




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.322 min Scan# 84
Delta R.T. 0.007 min
Lab File: BG059869.D
Acq: 24 Nov 2023 22:24

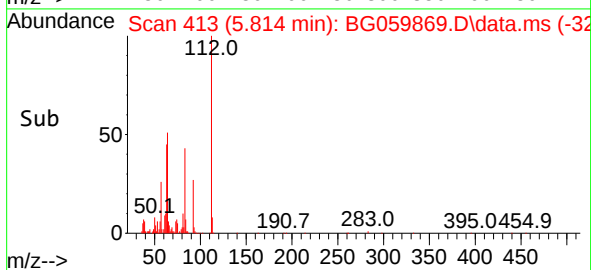
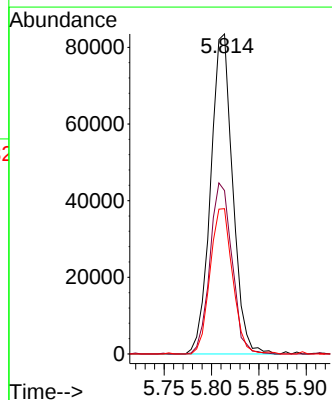
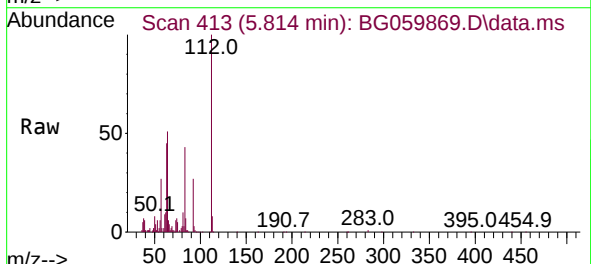
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BNA_G
ClientSampleId :
710-NEW-YORK-AVE

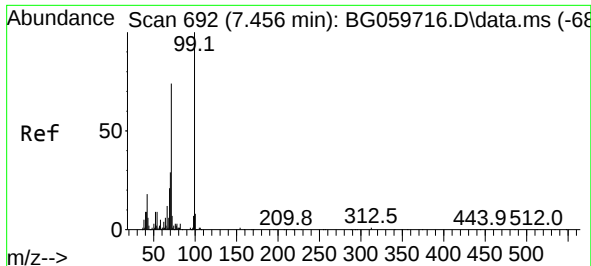
Tgt Ion:152 Resp: 30435
Ion Ratio Lower Upper
152 100
150 148.0 122.2 183.4
115 70.6 54.2 81.4



#5
2-Fluorophenol
Concen: 74.748 ng
RT: 5.814 min Scan# 413
Delta R.T. 0.002 min
Lab File: BG059869.D
Acq: 24 Nov 2023 22:24

Tgt Ion:112 Resp: 135161
Ion Ratio Lower Upper
112 100
64 51.1 49.5 74.3
63 45.4 37.4 56.2

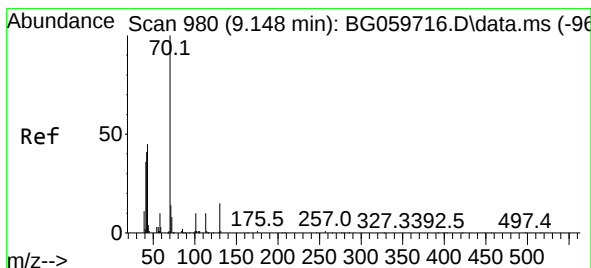
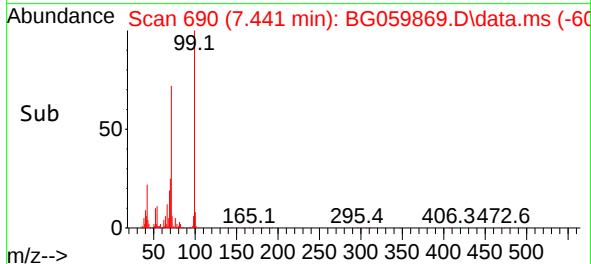
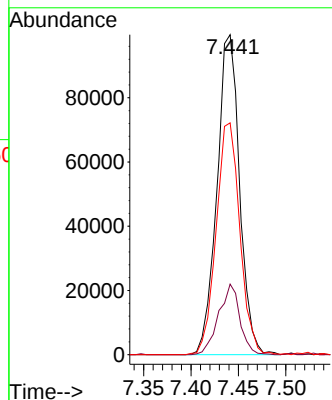
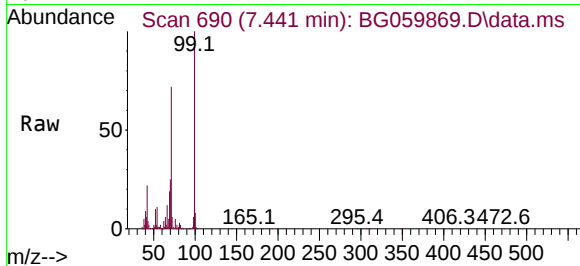




#7
Phenol-d6
Concen: 61.851 ng
RT: 7.441 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG059869.D
Acq: 24 Nov 2023 22:24

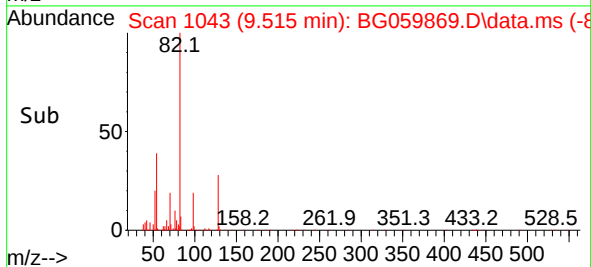
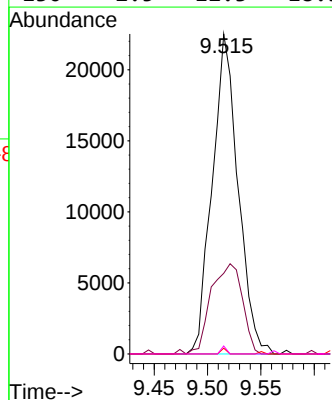
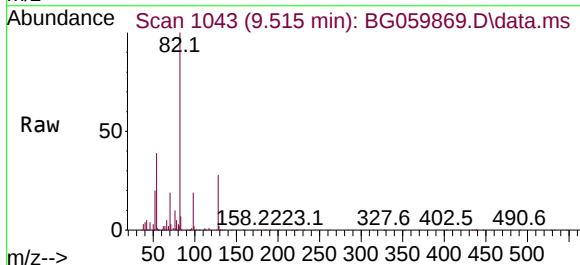
Instrument :
BNA_G
ClientSampleId :
710-NEW-YORK-AVE

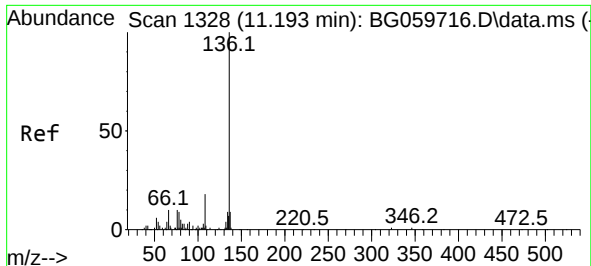
Tgt Ion: 99 Resp: 165737
Ion Ratio Lower Upper
99 100
42 22.1 14.3 21.5#
71 72.5 59.3 88.9



#19
n-Nitroso-di-n-propylamine
Concen: 17.932 ng
RT: 9.515 min Scan# 1043
Delta R.T. 0.384 min
Lab File: BG059869.D
Acq: 24 Nov 2023 22:24

Tgt Ion: 70 Resp: 37839
Ion Ratio Lower Upper
70 100
42 25.2 32.8 49.2#
101 1.8 7.7 11.5#
130 2.5 12.3 18.5#

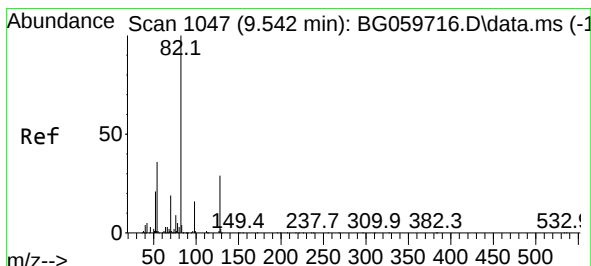
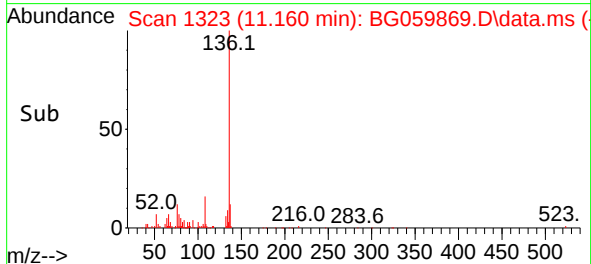
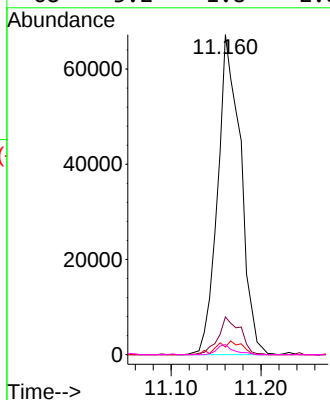
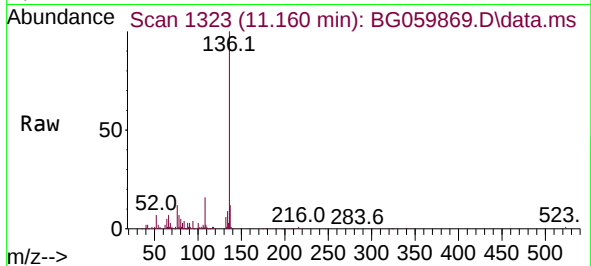




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.160 min Scan# 111
Delta R.T. -0.010 min
Lab File: BG059869.D
Acq: 24 Nov 2023 22:24

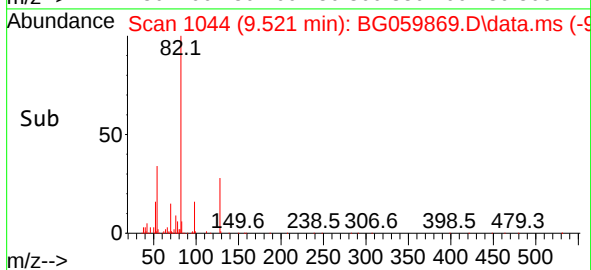
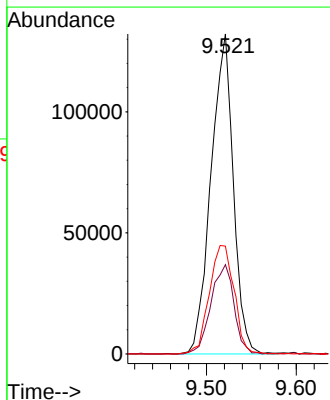
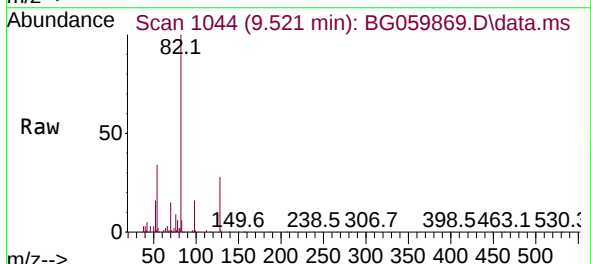
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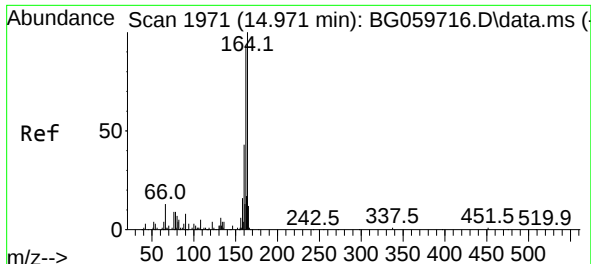
Tgt Ion:136 Resp: 119406
Ion Ratio Lower Upper
136 100
137 11.8 7.4 11.0#
54 2.4 3.1 4.7#
68 3.2 1.8 2.8#



#23
Nitrobenzene-d5
Concen: 72.892 ng
RT: 9.521 min Scan# 1044
Delta R.T. -0.004 min
Lab File: BG059869.D
Acq: 24 Nov 2023 22:24

Tgt Ion: 82 Resp: 227894
Ion Ratio Lower Upper
82 100
128 27.9 23.0 34.6
54 33.7 28.7 43.1

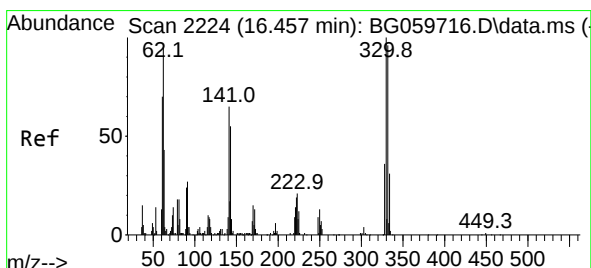
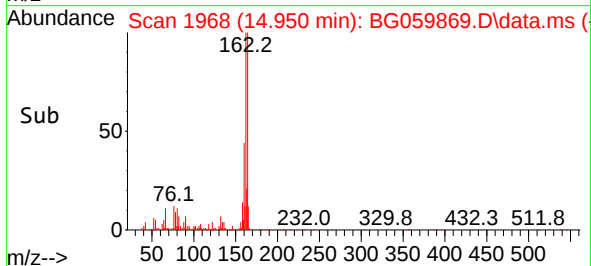
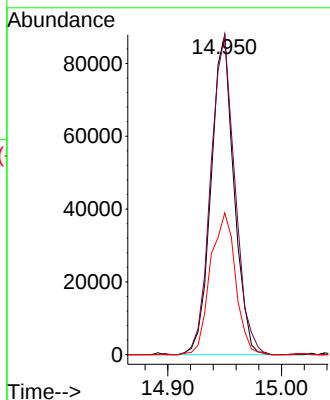
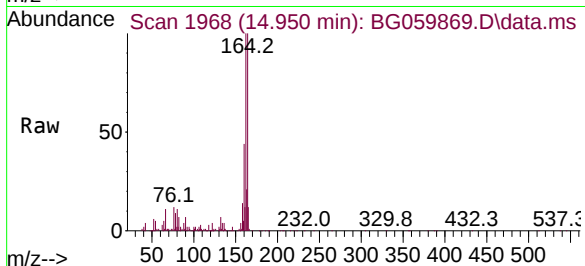




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.950 min Scan# 1971
Delta R.T. -0.004 min
Lab File: BG059869.D
Acq: 24 Nov 2023 22:24

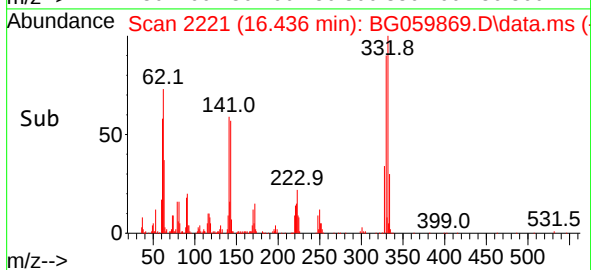
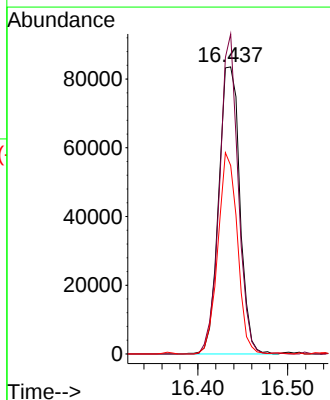
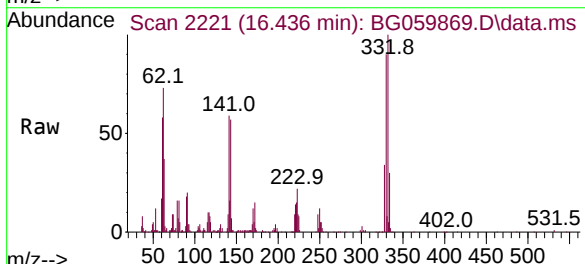
Instrument :
BNA_G
ClientSampleId :
710-NEW-YORK-AVE

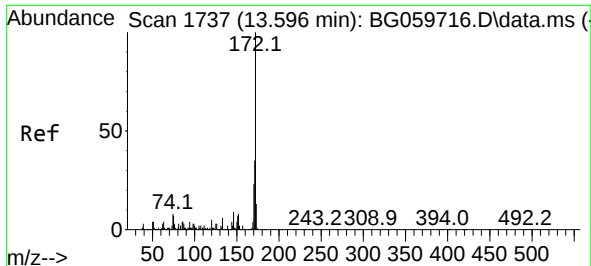
Tgt Ion:164 Resp: 122715
Ion Ratio Lower Upper
164 100
162 99.9 73.3 109.9
160 44.3 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 97.759 ng
RT: 16.436 min Scan# 2221
Delta R.T. -0.004 min
Lab File: BG059869.D
Acq: 24 Nov 2023 22:24

Tgt Ion:330 Resp: 136115
Ion Ratio Lower Upper
330 100
332 98.3 73.3 109.9
141 64.7 52.1 78.1

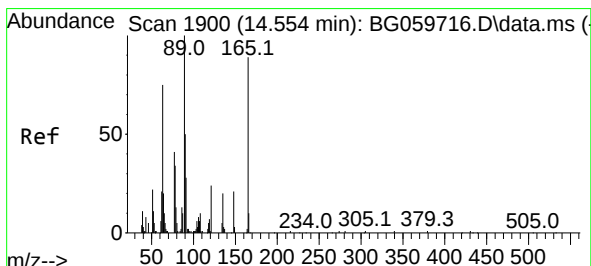
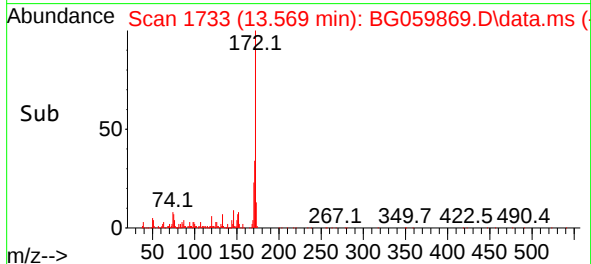
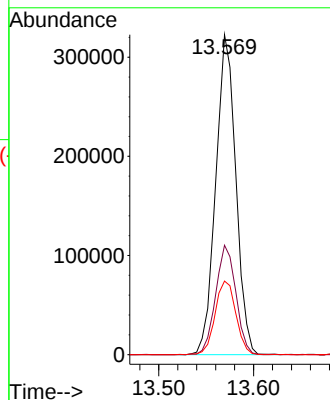
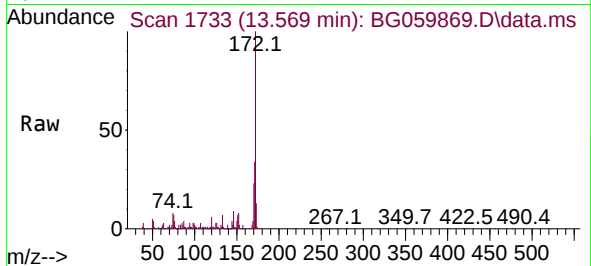




#45
2-Fluorobiphenyl
Concen: 52.157 ng
RT: 13.569 min Scan# 1
Delta R.T. -0.010 min
Lab File: BG059869.D
Acq: 24 Nov 2023 22:24

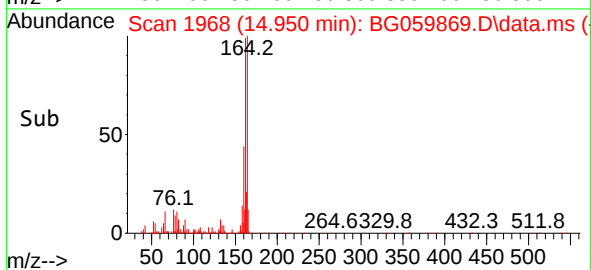
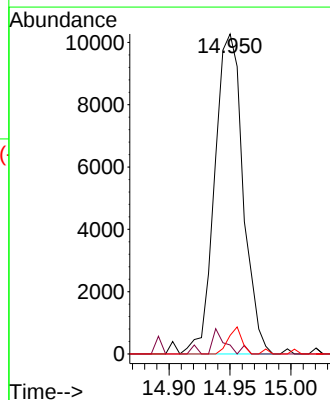
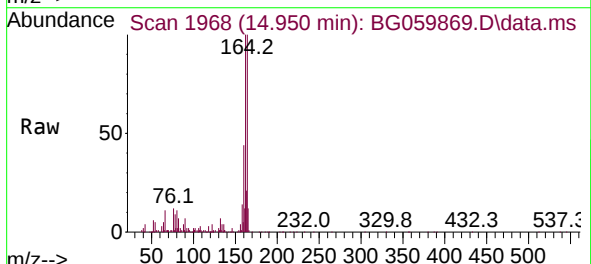
Instrument :
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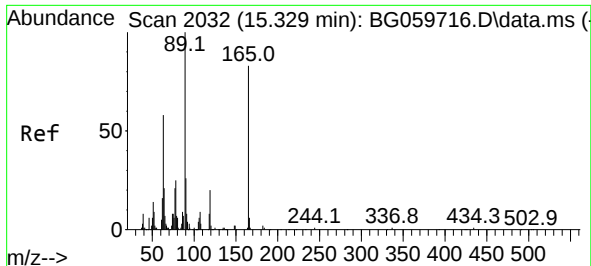
Tgt Ion:172 Resp: 475504
Ion Ratio Lower Upper
172 100
171 34.2 27.7 41.5
170 23.0 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 9.214 ng
RT: 14.950 min Scan# 1968
Delta R.T. 0.407 min
Lab File: BG059869.D
Acq: 24 Nov 2023 22:24

Tgt Ion:165 Resp: 16623
Ion Ratio Lower Upper
165 100
63 2.8 75.3 112.9#
89 5.8 90.9 136.3#





#57

2,4-Dinitrotoluene

Concen: 5.992 ng

RT: 14.950 min Scan# 14

Delta R.T. -0.374 min

Lab File: BG059869.D

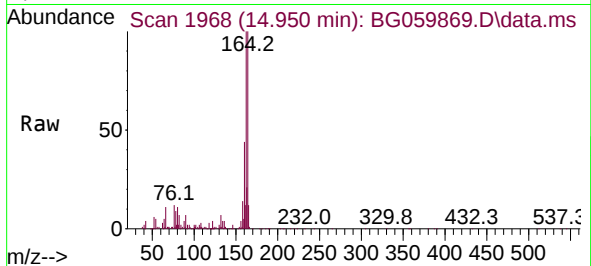
Acq: 24 Nov 2023 22:24

Instrument :

BNA_G

ClientSampleId :

710-NEW-YORK-AVE



Tgt Ion:165 Resp: 16623

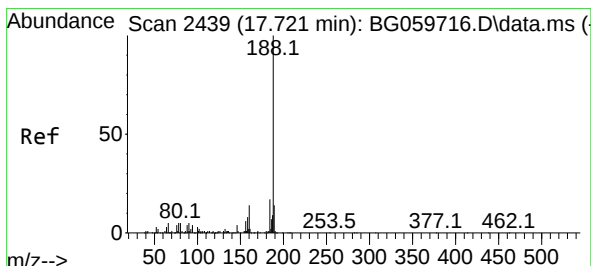
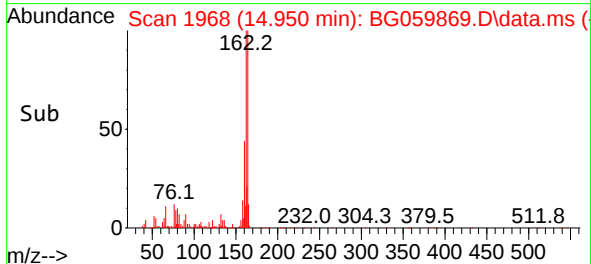
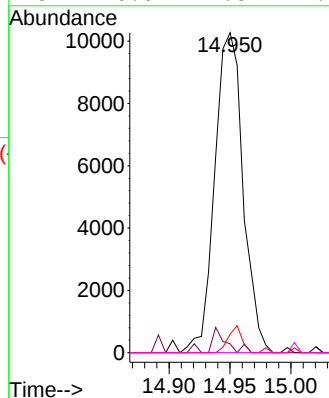
Ion Ratio Lower Upper

165 100

63 2.8 55.8 83.8#

89 5.8 96.9 145.3#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.700 min Scan# 2436

Delta R.T. -0.010 min

Lab File: BG059869.D

Acq: 24 Nov 2023 22:24

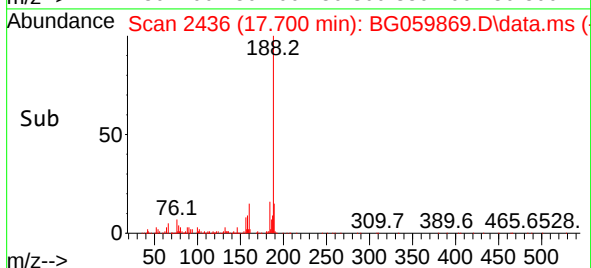
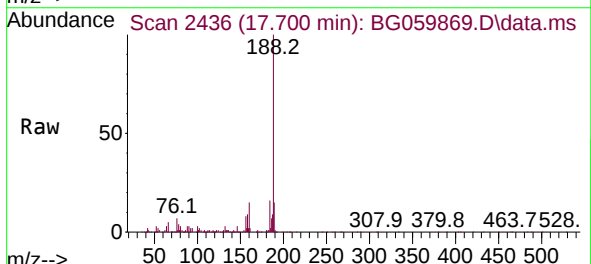
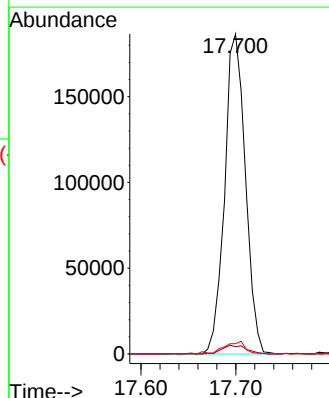
Tgt Ion:188 Resp: 283693

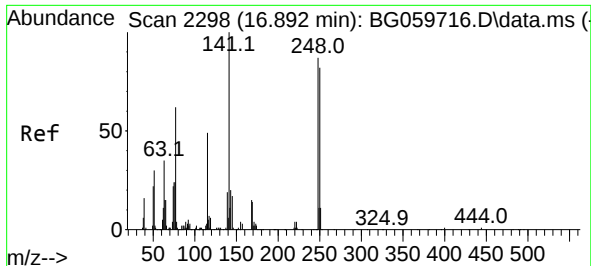
Ion Ratio Lower Upper

188 100

94 2.3 3.0 4.4#

80 3.2 4.2 6.4#

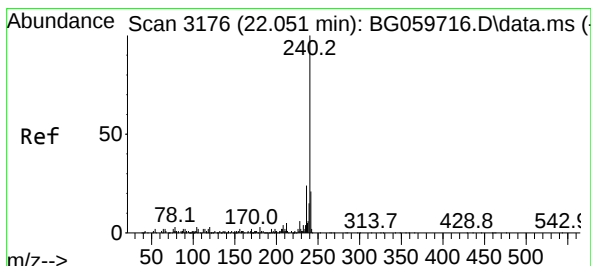
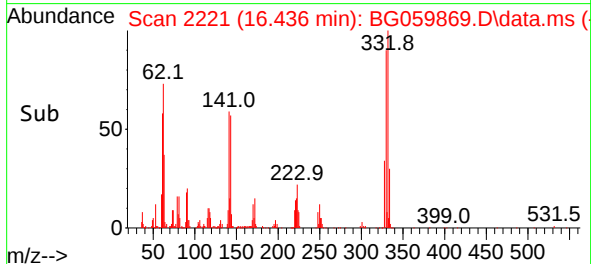
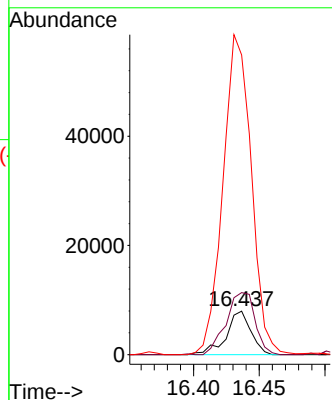
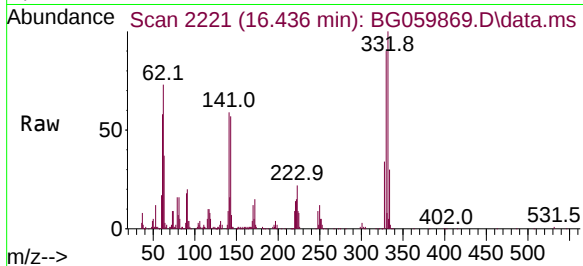




#67
4-Bromophenyl-phenylether
Concen: 3.432 ng
RT: 16.436 min Scan# 21
Delta R.T. -0.445 min
Lab File: BG059869.D
Acq: 24 Nov 2023 22:24

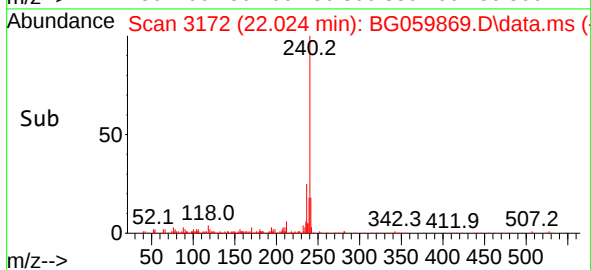
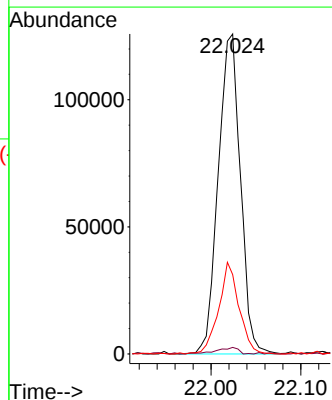
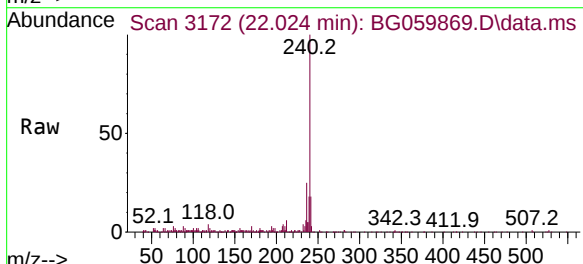
Instrument :
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710-NEW-YORK-AVE

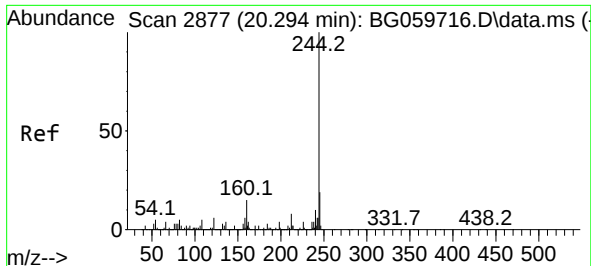
Tgt Ion:248 Resp: 10459
Ion Ratio Lower Upper
248 100
250 114.0 75.2 112.8#
141 550.5 91.5 137.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.024 min Scan# 3172
Delta R.T. -0.010 min
Lab File: BG059869.D
Acq: 24 Nov 2023 22:24

Tgt Ion:240 Resp: 216152
Ion Ratio Lower Upper
240 100
120 2.1 2.2 3.2#
236 24.8 19.4 29.2

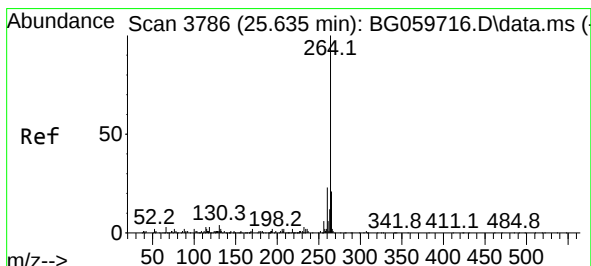
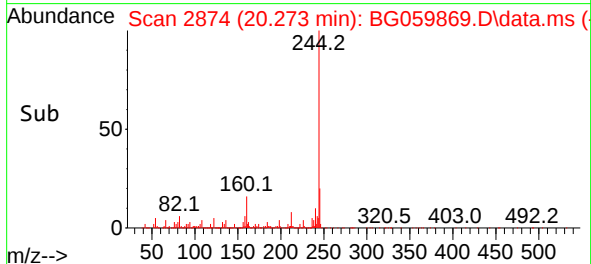
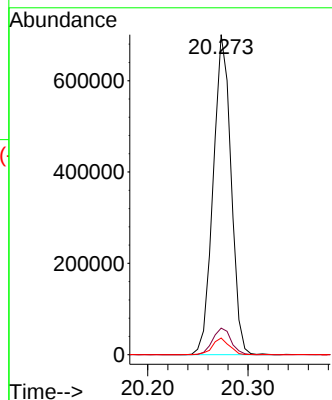
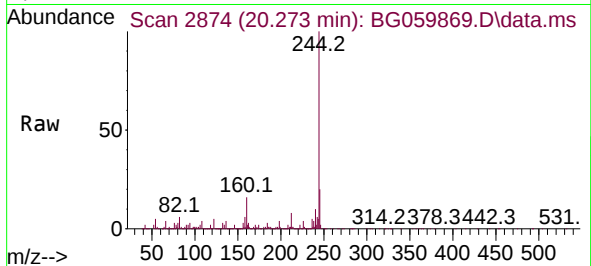




#79
 Terphenyl-d14
 Concen: 59.169 ng
 RT: 20.273 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: BG059869.D
 Acq: 24 Nov 2023 22:24

Instrument :
 BNA_G
 ClientSampleId :
 710-NEW-YORK-AVE

Tgt Ion:244 Resp: 866353
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.6 10.0
 122 5.2 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: BG059869.D
 Acq: 24 Nov 2023 22:24

Tgt Ion:264 Resp: 247346
 Ion Ratio Lower Upper
 264 100
 260 21.6 18.5 27.7
 265 24.2 17.0 25.6

