

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112423\
 Data File : BG059875.D
 Acq On : 25 Nov 2023 2:27
 Operator : MA/JU
 Sample : 05408-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 710-RHINE-BLVD

Quant Time: Nov 25 03:48:23 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)

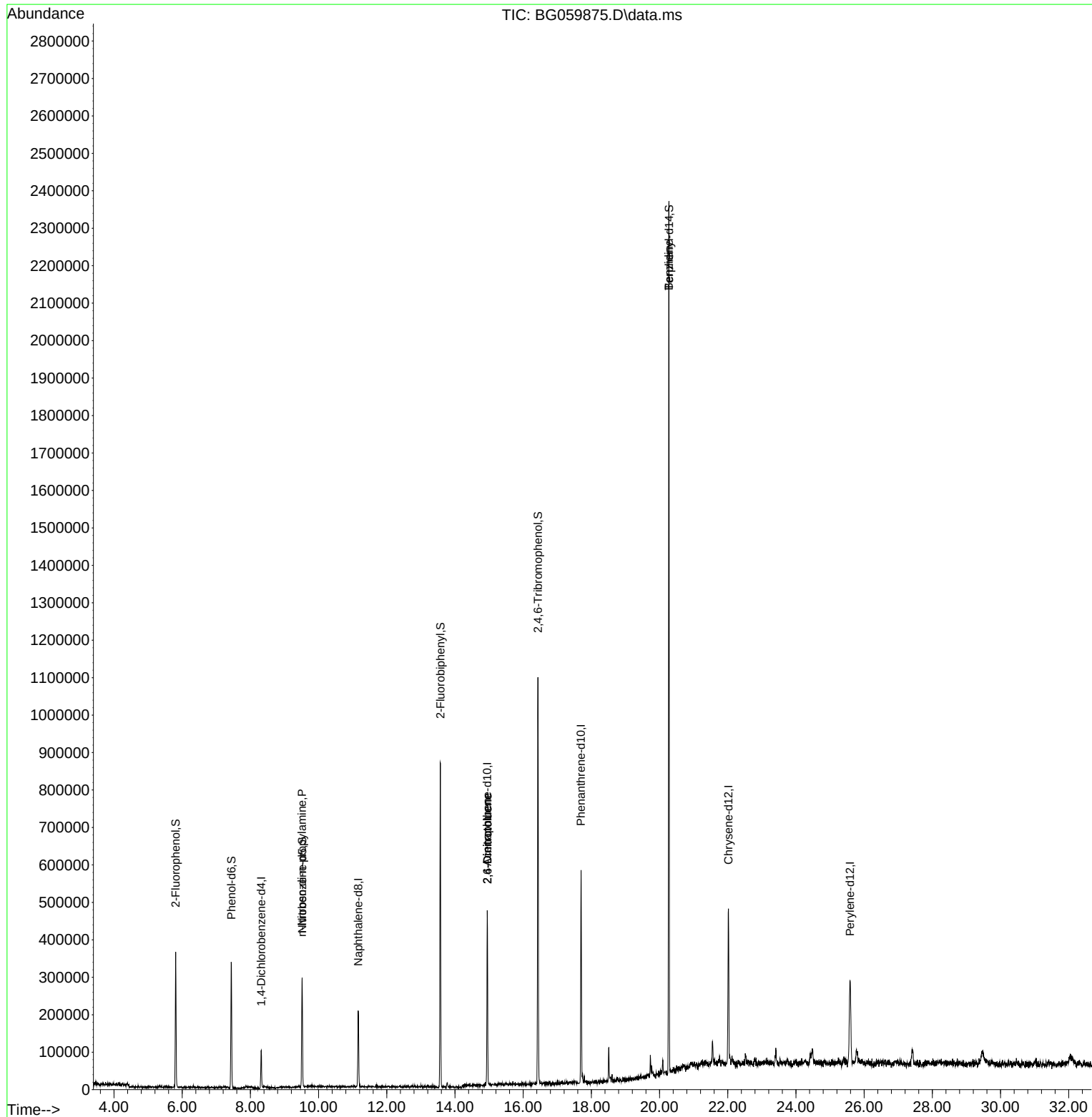
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.320	152	21648	20.000	ng	# 0.00
21) Naphthalene-d8	11.163	136	143571	20.000	ng	# 0.00
39) Acenaphthene-d10	14.947	164	142042	20.000	ng	# 0.00
64) Phenanthrene-d10	17.697	188	318440	20.000	ng	#-0.01
76) Chrysene-d12	22.021	240	244566	20.000	ng	-0.01
86) Perylene-d12	25.588	264	279175	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.811	112	126479	98.338	ng	0.00
7) Phenol-d6	7.444	99	157990	82.892	ng	0.00
23) Nitrobenzene-d5	9.518	82	184919	49.191	ng	0.00
42) 2,4,6-Tribromophenol	16.434	330	155128	96.255	ng	0.00
45) 2-Fluorobiphenyl	13.572	172	387052	36.679	ng	0.00
79) Terphenyl-d14	20.276	244	988083	59.643	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.512	70	31061	20.695	ng	# 81
51) 2,6-Dinitrotoluene	14.953	165	17343	8.305	ng	# 1
57) 2,4-Dinitrotoluene	14.953	165	17343	5.401	ng	# 4
77) Benzidine	20.270	184	29707	5.357	ng	# 87

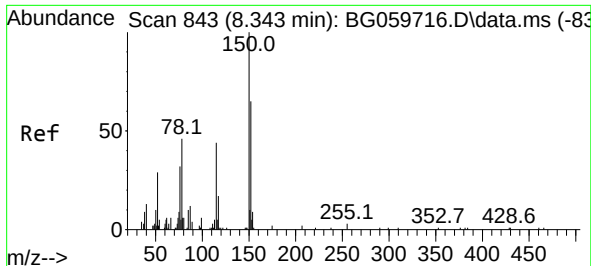
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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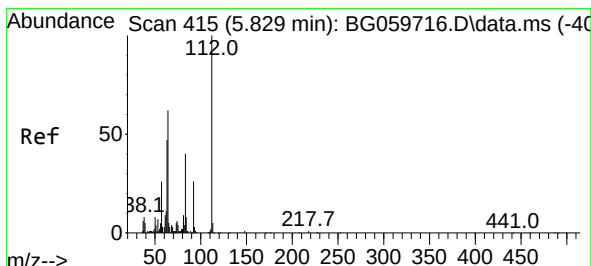
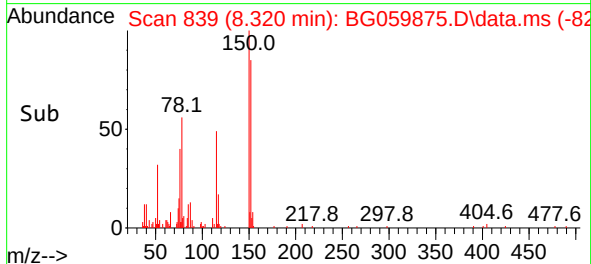
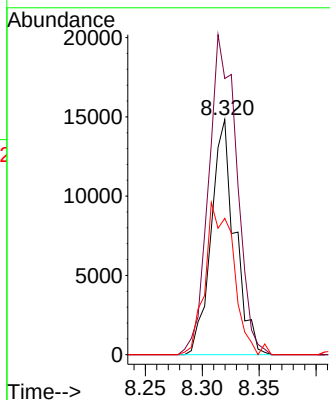
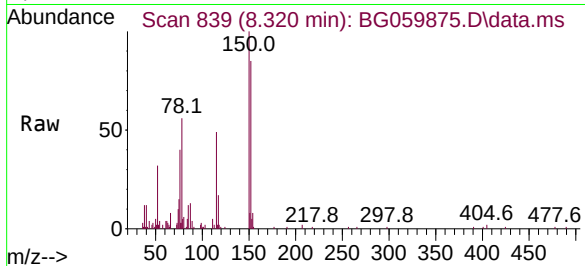




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.320 min Scan# 81
Delta R.T. 0.005 min
Lab File: BG059875.D
Acq: 25 Nov 2023 2:27

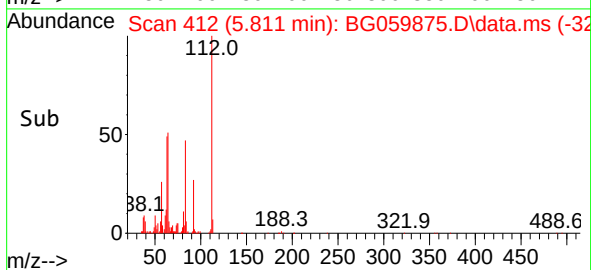
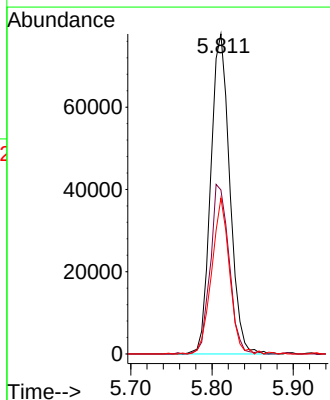
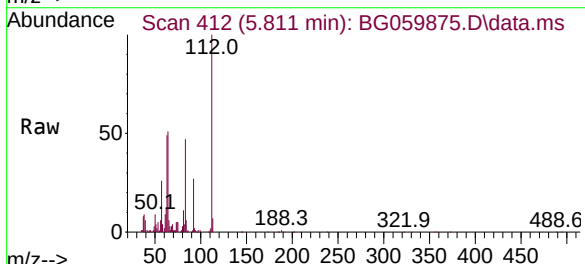
Instrument :
BNA_G
ClientSampleId :
710-RHINE-BLVD

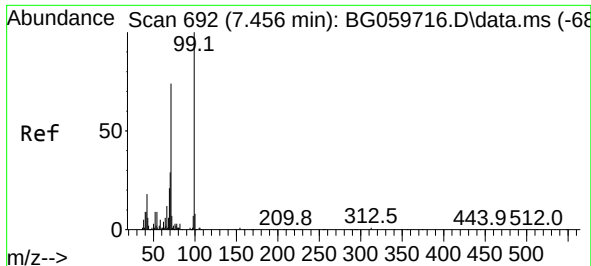
Tgt Ion:152 Resp: 21648
Ion Ratio Lower Upper
152 100
150 117.5 122.2 183.4#
115 58.0 54.2 81.4



#5
2-Fluorophenol
Concen: 98.338 ng
RT: 5.811 min Scan# 412
Delta R.T. -0.001 min
Lab File: BG059875.D
Acq: 25 Nov 2023 2:27

Tgt Ion:112 Resp: 126479
Ion Ratio Lower Upper
112 100
64 51.3 49.5 74.3
63 48.7 37.4 56.2

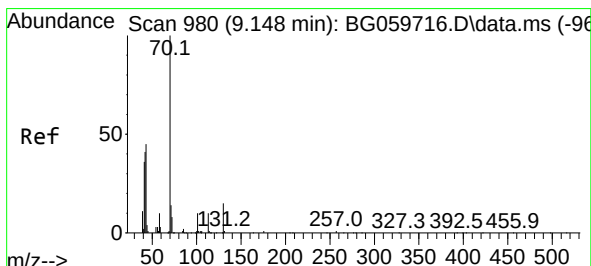
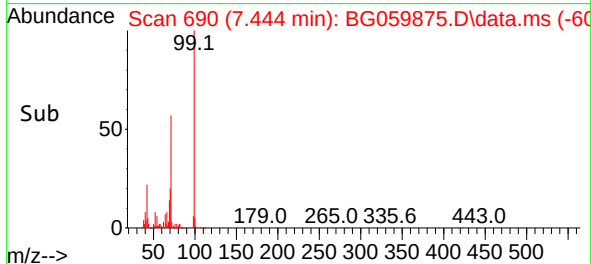
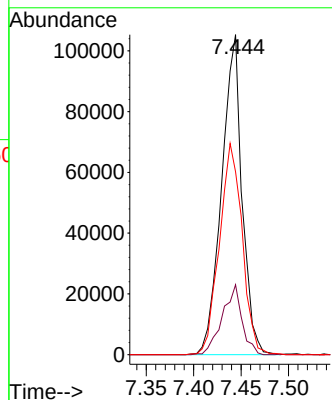
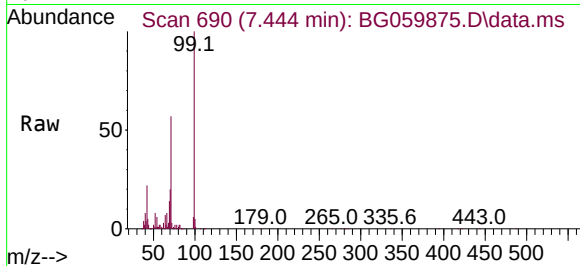




#7
Phenol-d6
Concen: 82.892 ng
RT: 7.444 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG059875.D
Acq: 25 Nov 2023 2:27

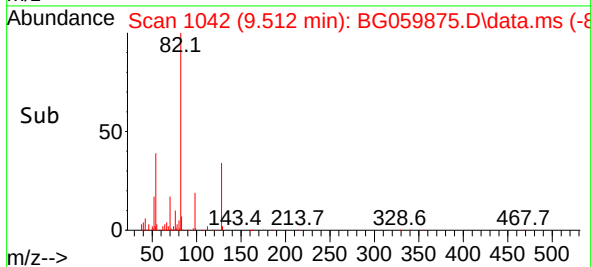
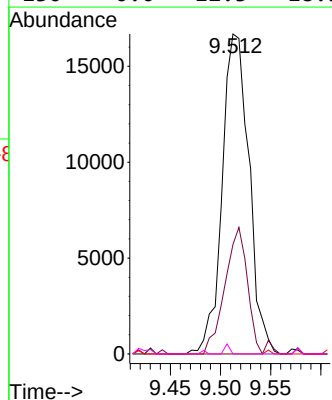
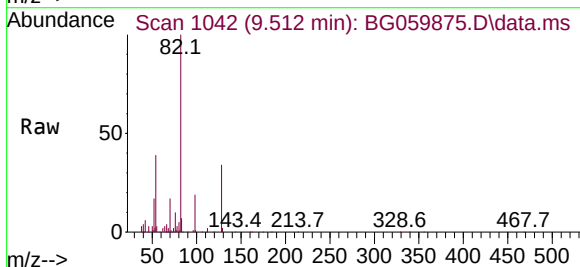
Instrument :
BNA_G
ClientSampleId :
710-RHINE-BLVD

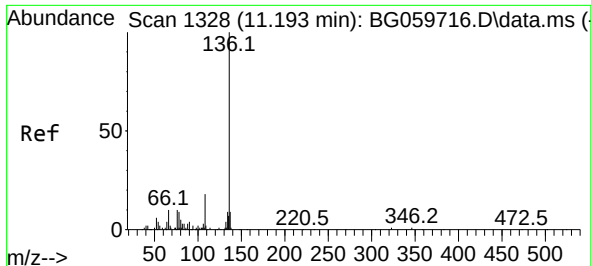
Tgt Ion: 99 Resp: 157990
Ion Ratio Lower Upper
99 100
42 21.8 14.3 21.5#
71 57.2 59.3 88.9#



#19
n-Nitroso-di-n-propylamine
Concen: 20.695 ng
RT: 9.512 min Scan# 1042
Delta R.T. 0.381 min
Lab File: BG059875.D
Acq: 25 Nov 2023 2:27

Tgt Ion: 70 Resp: 31061
Ion Ratio Lower Upper
70 100
42 34.2 32.8 49.2
101 0.0 7.7 11.5#
130 0.0 12.3 18.5#

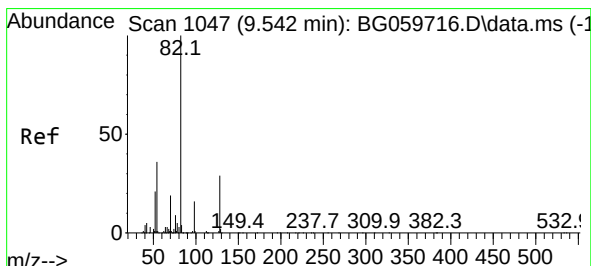
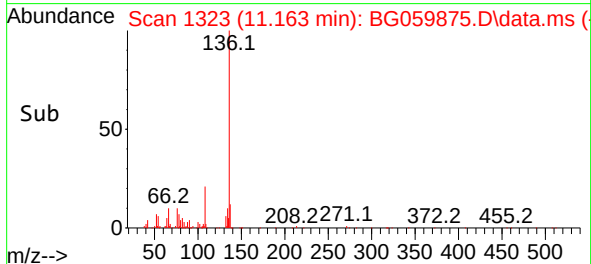
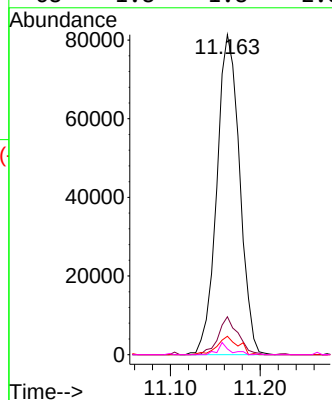
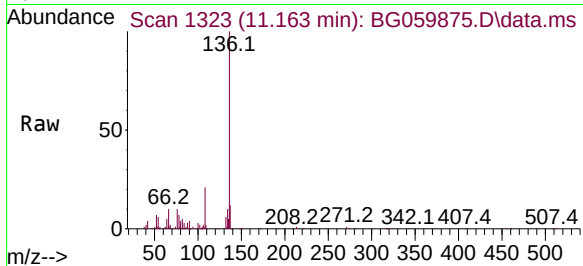




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.163 min Scan# 111
Delta R.T. -0.007 min
Lab File: BG059875.D
Acq: 25 Nov 2023 2:27

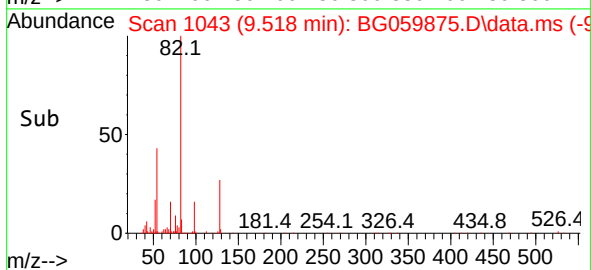
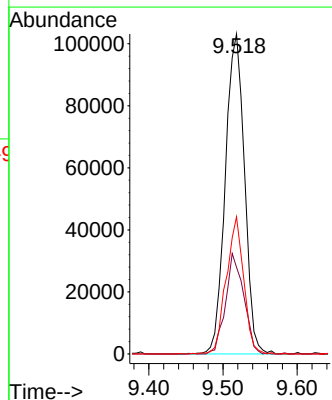
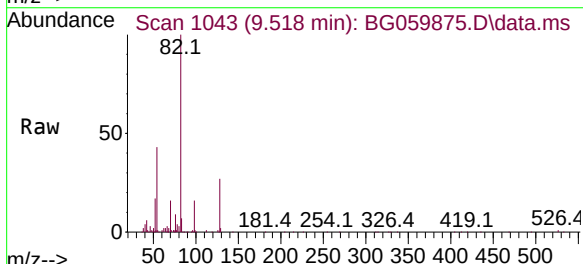
Instrument :
BNA_G
ClientSampleId :
710-RHINE-BLVD

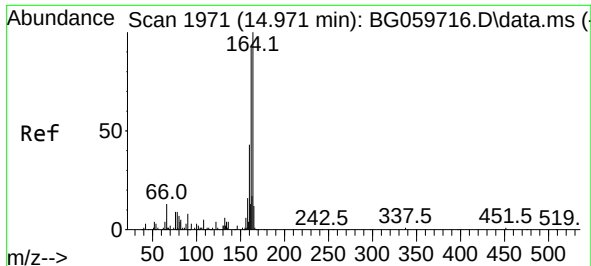
Tgt Ion:	136	Resp:	143571
Ion Ratio	Lower	Upper	
136	100		
137	11.9	7.4	11.0#
54	5.8	3.1	4.7#
68	1.8	1.8	2.8#



#23
Nitrobenzene-d5
Concen: 49.191 ng
RT: 9.518 min Scan# 1043
Delta R.T. -0.007 min
Lab File: BG059875.D
Acq: 25 Nov 2023 2:27

Tgt Ion:	82	Resp:	184919
Ion Ratio	Lower	Upper	
82	100		
128	27.1	23.0	34.6
54	42.9	28.7	43.1

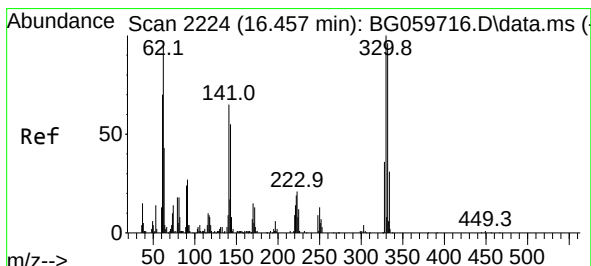
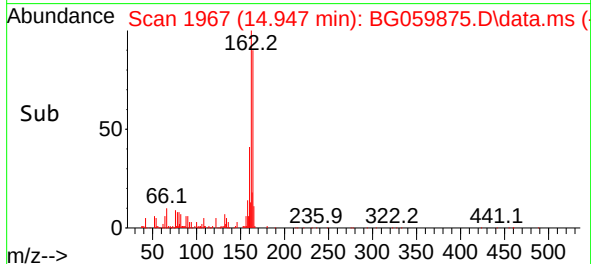
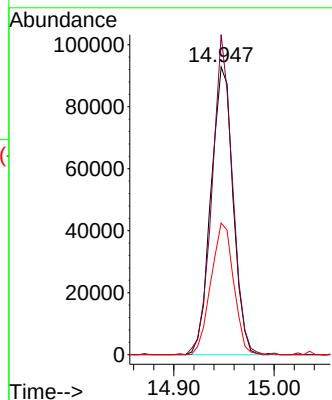
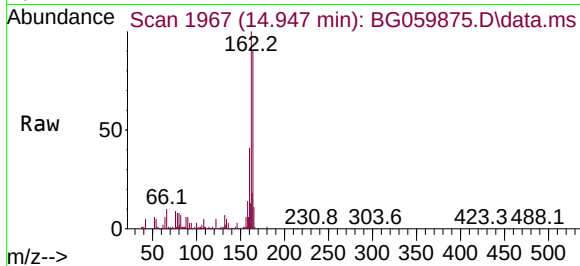




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.947 min Scan# 1971
Delta R.T. -0.007 min
Lab File: BG059875.D
Acq: 25 Nov 2023 2:27

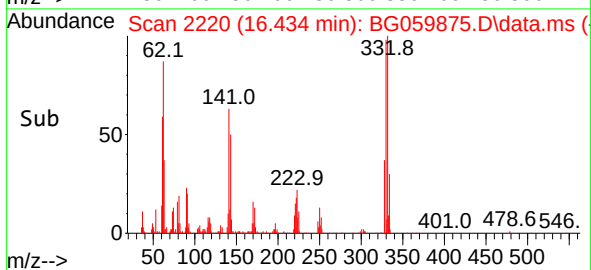
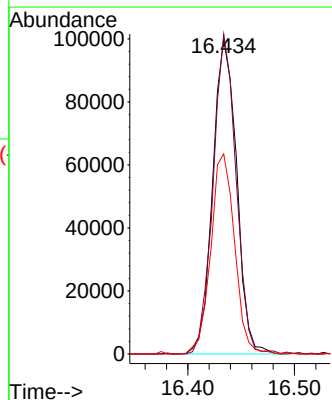
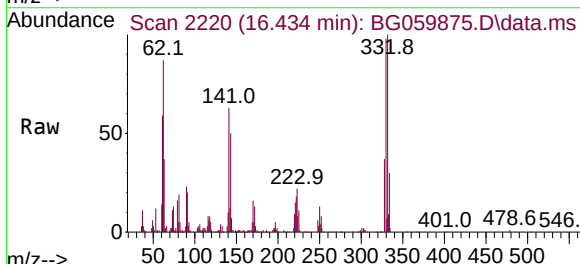
Instrument :
BNA_G
ClientSampleId :
710-RHINE-BLVD

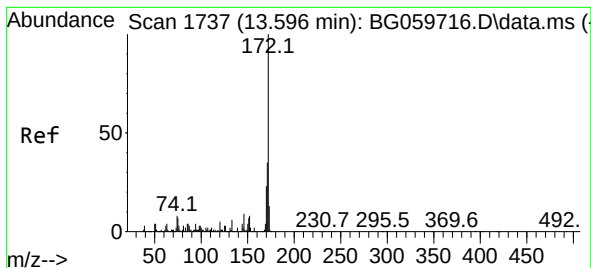
Tgt Ion:164 Resp: 142042
Ion Ratio Lower Upper
164 100
162 111.2 73.3 109.9#
160 45.8 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 96.255 ng
RT: 16.434 min Scan# 2220
Delta R.T. -0.007 min
Lab File: BG059875.D
Acq: 25 Nov 2023 2:27

Tgt Ion:330 Resp: 155128
Ion Ratio Lower Upper
330 100
332 97.9 73.3 109.9
141 63.2 52.1 78.1

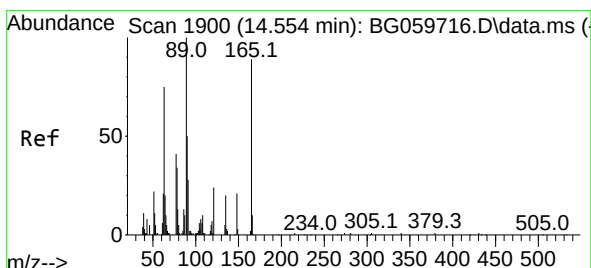
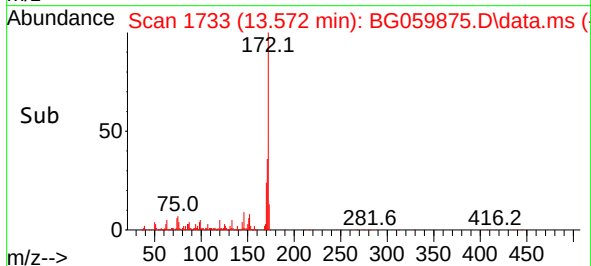
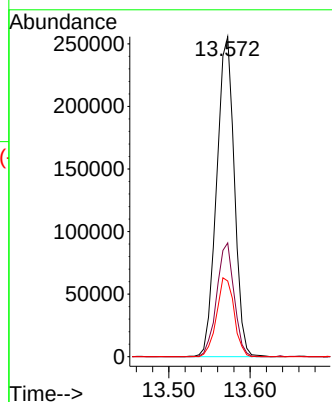
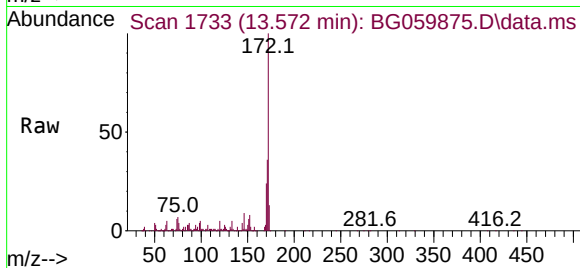




#45
2-Fluorobiphenyl
Concen: 36.679 ng
RT: 13.572 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG059875.D
Acq: 25 Nov 2023 2:27

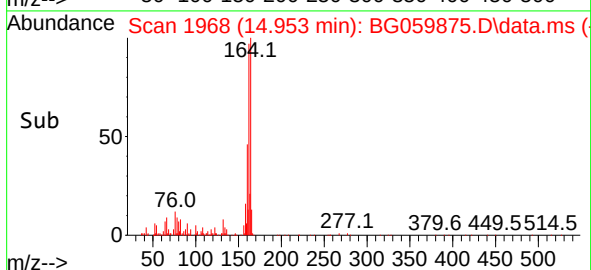
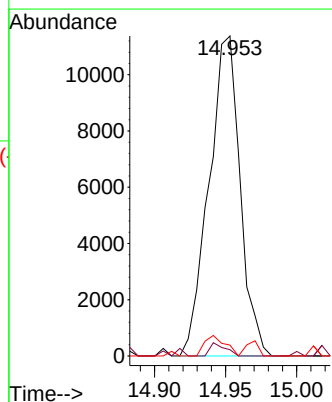
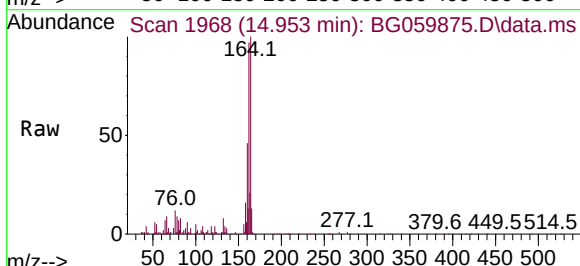
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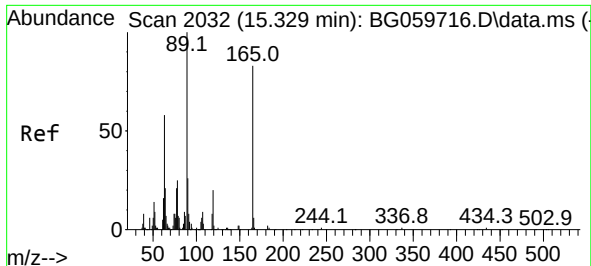
Tgt Ion:172 Resp: 387052
Ion Ratio Lower Upper
172 100
171 35.5 27.7 41.5
170 23.7 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 8.305 ng
RT: 14.953 min Scan# 1968
Delta R.T. 0.410 min
Lab File: BG059875.D
Acq: 25 Nov 2023 2:27

Tgt Ion:165 Resp: 17343
Ion Ratio Lower Upper
165 100
63 2.0 75.3 112.9#
89 3.4 90.9 136.3#





#57

2,4-Dinitrotoluene

Concen: 5.401 ng

RT: 14.953 min Scan# 1968

Delta R.T. -0.371 min

Lab File: BG059875.D

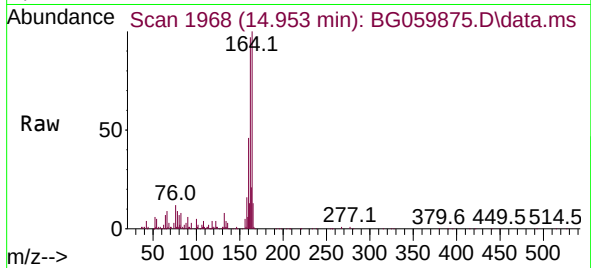
Acq: 25 Nov 2023 2:27

Instrument :

BNA_G

ClientSampleId :

710-RHINE-BLVD



Tgt Ion:165 Resp: 17343

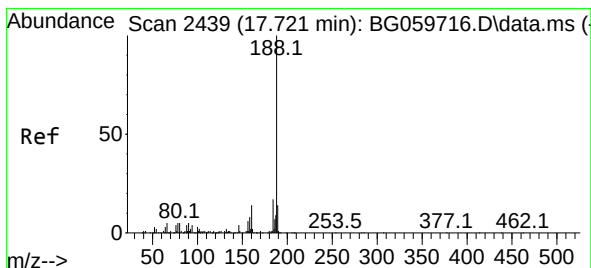
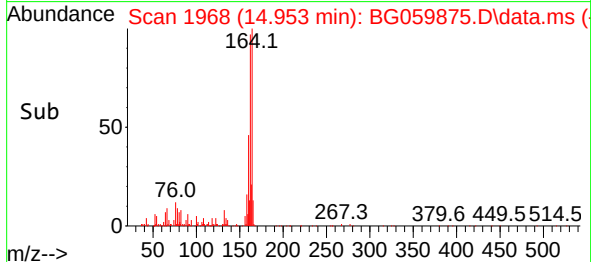
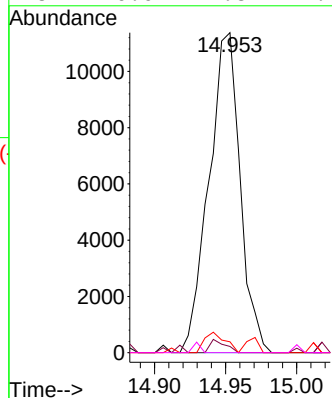
Ion Ratio Lower Upper

165 100

63 2.0 55.8 83.8#

89 3.4 96.9 145.3#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.697 min Scan# 2435

Delta R.T. -0.013 min

Lab File: BG059875.D

Acq: 25 Nov 2023 2:27

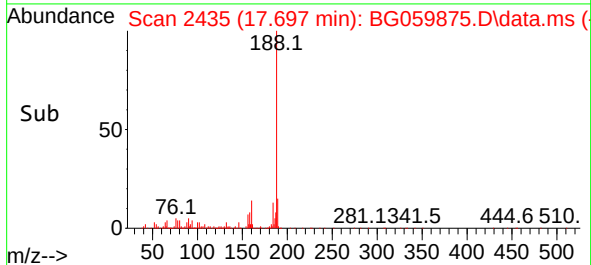
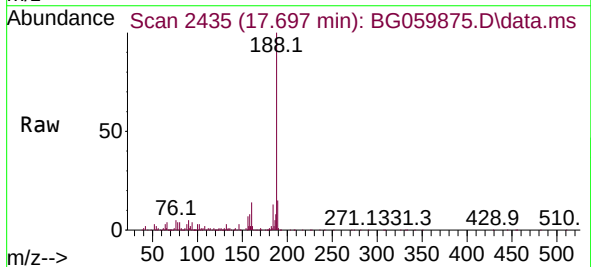
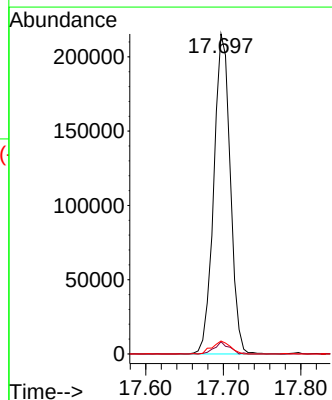
Tgt Ion:188 Resp: 318440

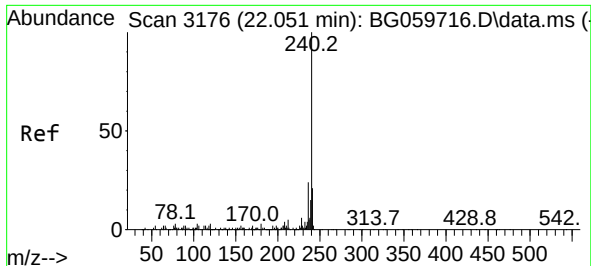
Ion Ratio Lower Upper

188 100

94 3.9 3.0 4.4

80 4.0 4.2 6.4#

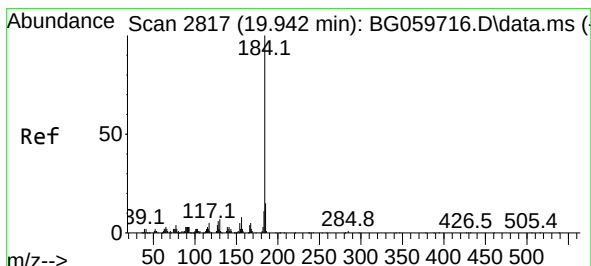
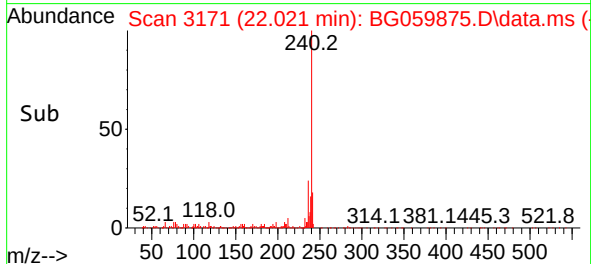
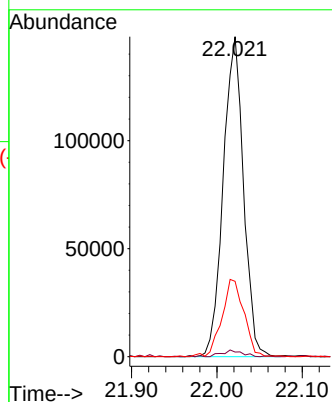
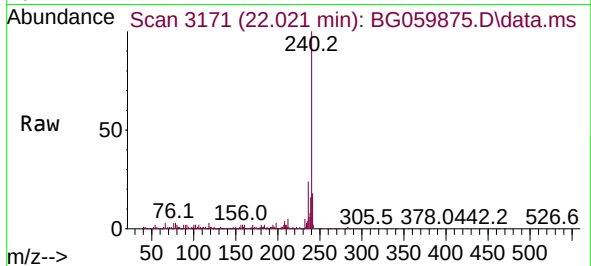




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.021 min Scan# 3176
Delta R.T. -0.013 min
Lab File: BG059875.D
Acq: 25 Nov 2023 2:27

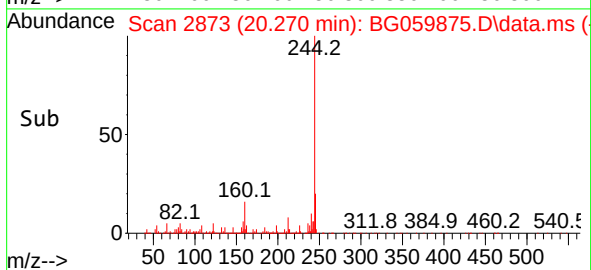
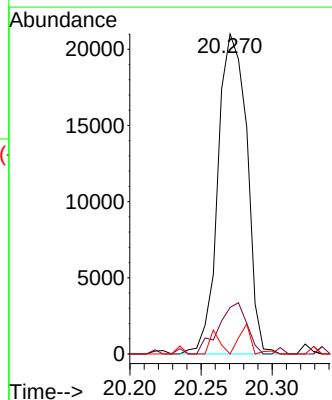
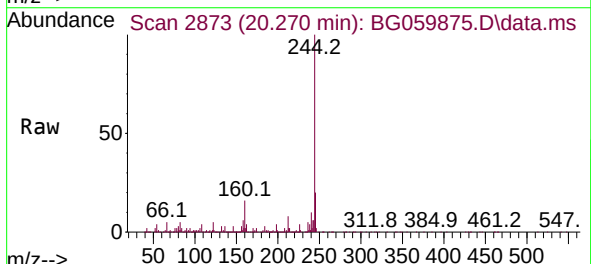
Instrument :
BNA_G
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710-RHINE-BLVD

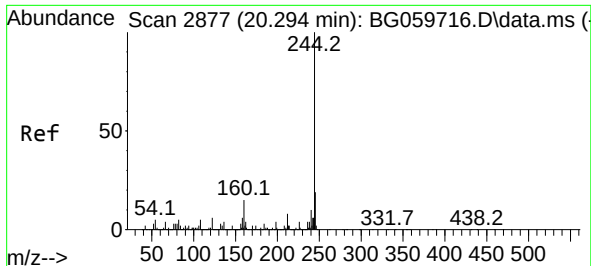
Tgt Ion:240 Resp: 244566
Ion Ratio Lower Upper
240 100
120 2.2 2.2 3.2
236 23.6 19.4 29.2



#77
Benzidine
Concen: 5.357 ng
RT: 20.270 min Scan# 2873
Delta R.T. 0.340 min
Lab File: BG059875.D
Acq: 25 Nov 2023 2:27

Tgt Ion:184 Resp: 29707
Ion Ratio Lower Upper
184 100
185 14.6 12.2 18.2
183 0.0 8.8 13.2#

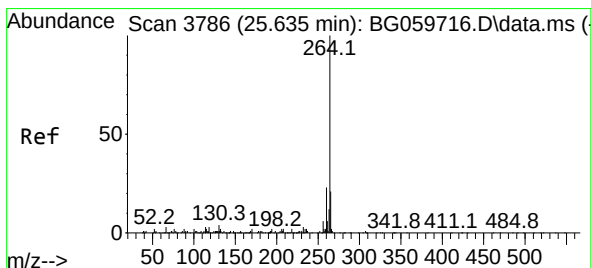
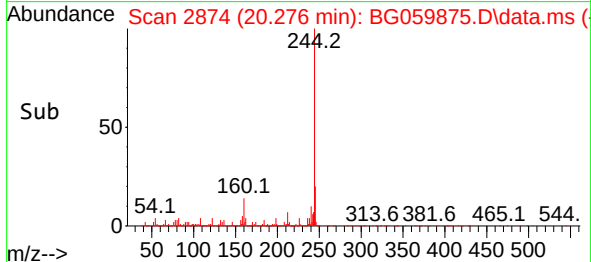
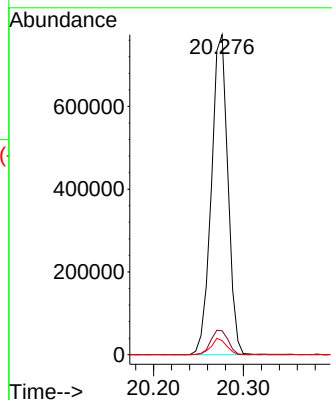
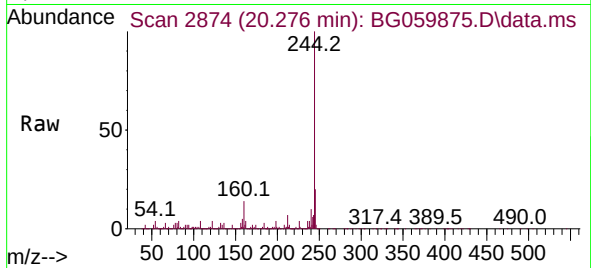




#79
 Terphenyl-d14
 Concen: 59.643 ng
 RT: 20.276 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG059875.D
 Acq: 25 Nov 2023 2:27

Instrument :
 BNA_G
 ClientSampleId :
 710-RHINE-BLVD

Tgt Ion:244 Resp: 988083
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.6 10.0
 122 4.4 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.588 min Scan# 3778
 Delta R.T. -0.024 min
 Lab File: BG059875.D
 Acq: 25 Nov 2023 2:27

Tgt Ion:264 Resp: 279175
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.5 27.7
 265 19.5 17.0 25.6

