

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112223\
 Data File : BG059840.D
 Acq On : 23 Nov 2023 6:33
 Operator : MA/JU
 Sample : 05432-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-7

Quant Time: Nov 23 07:09:27 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)

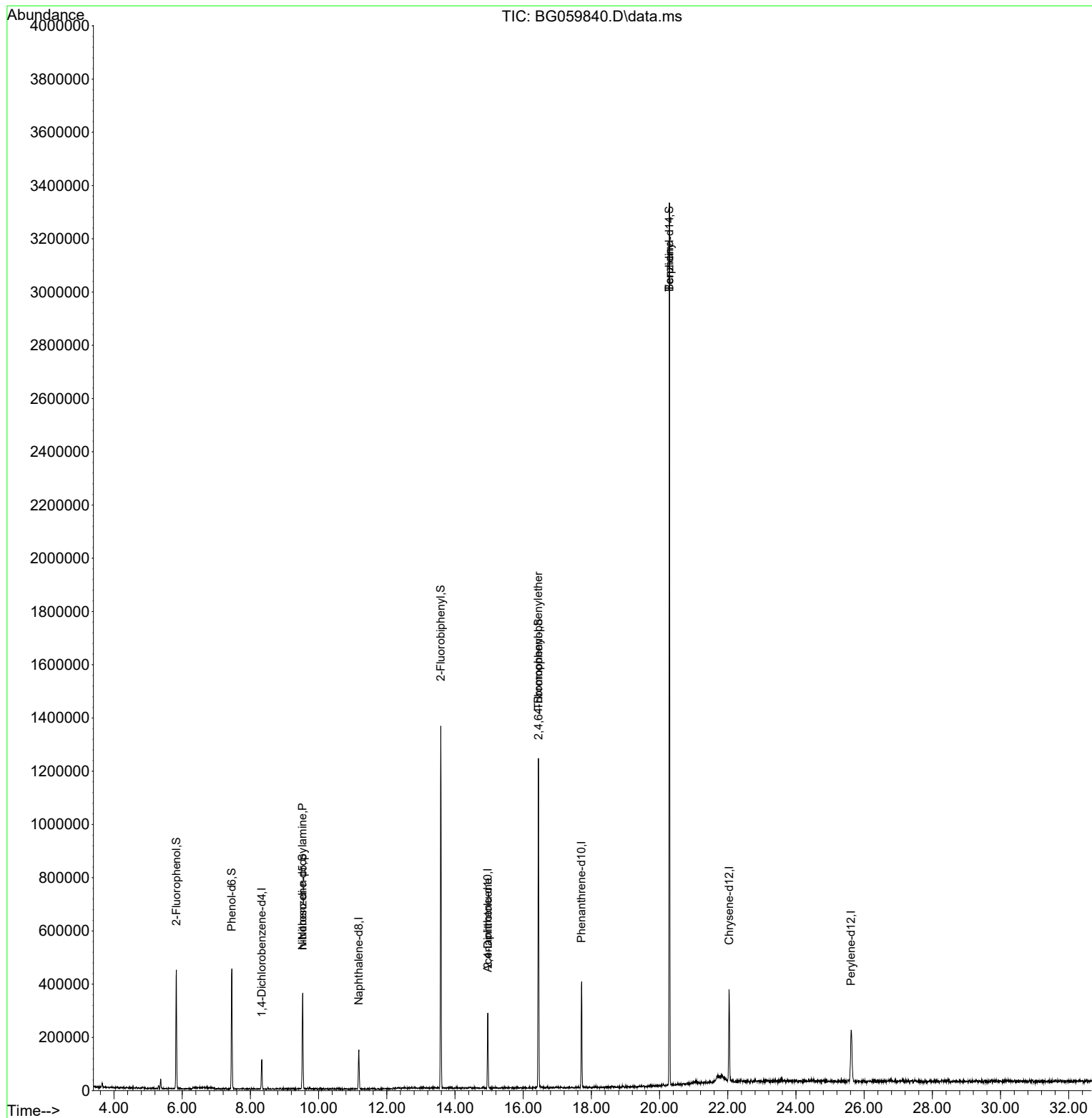
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.330	152	24097	20.000	ng	#-0.01
21) Naphthalene-d8	11.179	136	102380	20.000	ng	-0.01
39) Acenaphthene-d10	14.957	164	85576	20.000	ng	#-0.01
64) Phenanthrene-d10	17.707	188	224597	20.000	ng	#-0.01
76) Chrysene-d12	22.037	240	204274	20.000	ng	#-0.01
86) Perylene-d12	25.616	264	230905	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.827	112	149734	104.587	ng	0.00
7) Phenol-d6	7.449	99	206281	97.229	ng	0.00
23) Nitrobenzene-d5	9.528	82	226256	84.403	ng	-0.01
42) 2,4,6-Tribromophenol	16.450	330	179988	185.370	ng	0.00
45) 2-Fluorobiphenyl	13.583	172	587724	92.445	ng	-0.01
79) Terphenyl-d14	20.286	244	1388395	100.337	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.528	70	37228	22.283	ng	# 72
57) 2,4-Dinitrotoluene	14.963	165	11302	5.842	ng	# 4
67) 4-Bromophenyl-phenylether	16.444	248	13559	5.620	ng	# 1
77) Benzidine	20.286	184	40306	8.702	ng	# 96

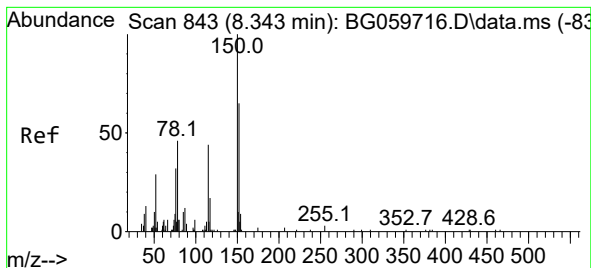
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.330 min Scan# 843

Delta R.T. -0.013 min

Lab File: BG059840.D

Acq: 23 Nov 2023 6:33

Instrument :

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ClientSampleId :

TP-7

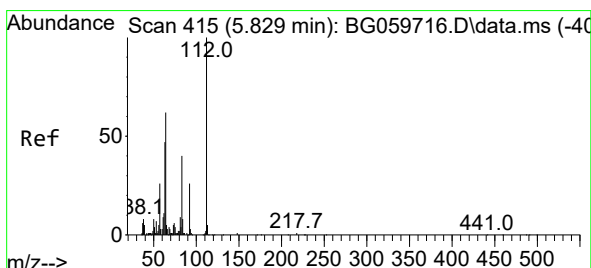
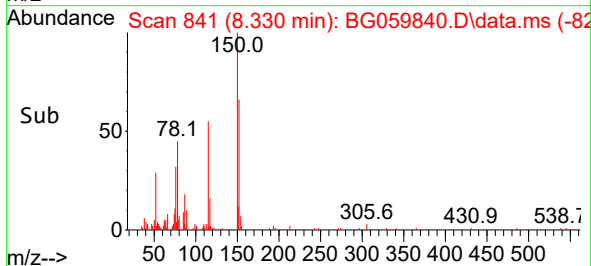
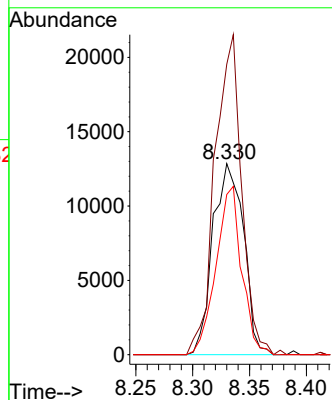
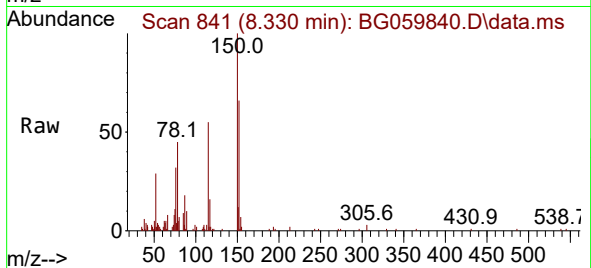
Tgt Ion:152 Resp: 24097

Ion Ratio Lower Upper

152 100

150 152.0 122.2 183.4

115 83.8 54.2 81.4#



#5

2-Fluorophenol

Concen: 104.587 ng

RT: 5.827 min Scan# 415

Delta R.T. -0.002 min

Lab File: BG059840.D

Acq: 23 Nov 2023 6:33

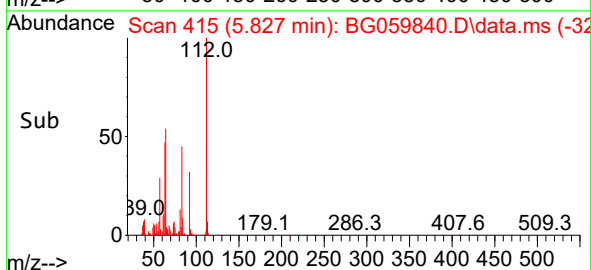
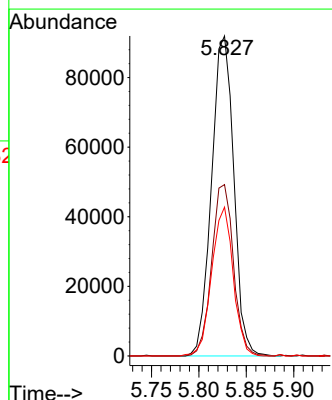
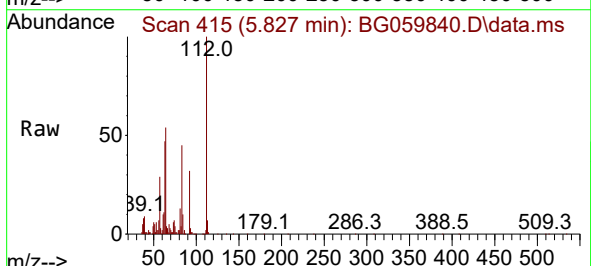
Tgt Ion:112 Resp: 149734

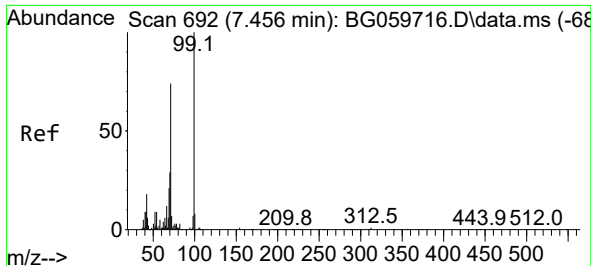
Ion Ratio Lower Upper

112 100

64 53.6 49.5 74.3

63 46.5 37.4 56.2

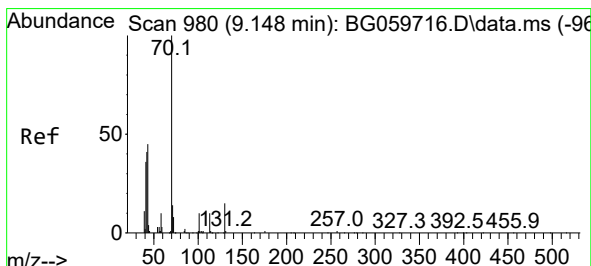
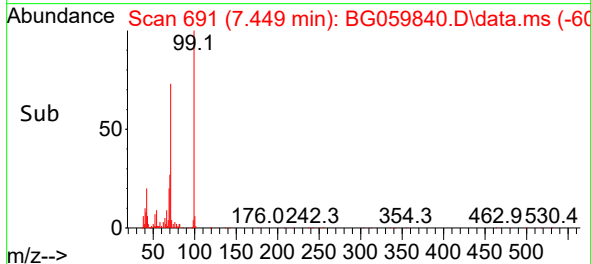
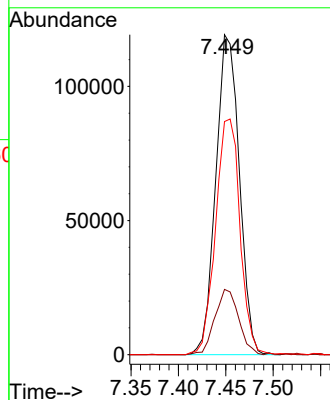
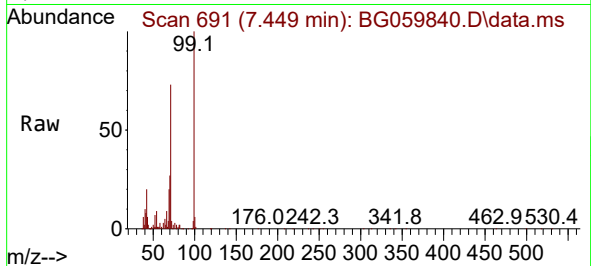




#7
Phenol-d6
Concen: 97.229 ng
RT: 7.449 min Scan# 691
Delta R.T. -0.008 min
Lab File: BG059840.D
Acq: 23 Nov 2023 6:33

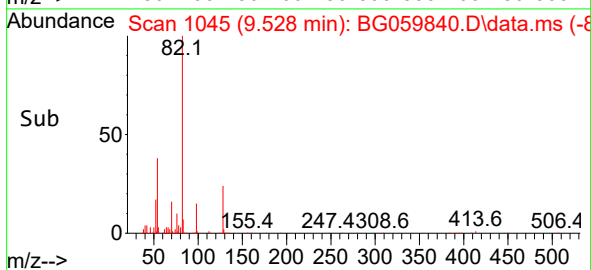
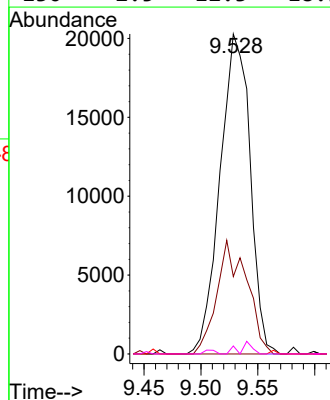
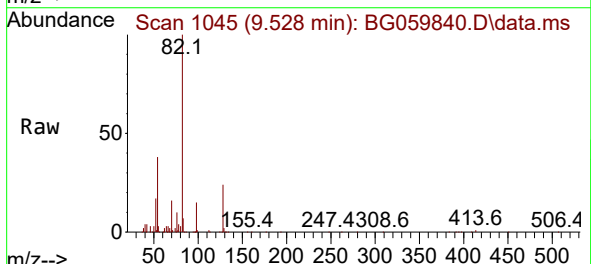
Instrument :
BNA_G
ClientSampleId :
TP-7

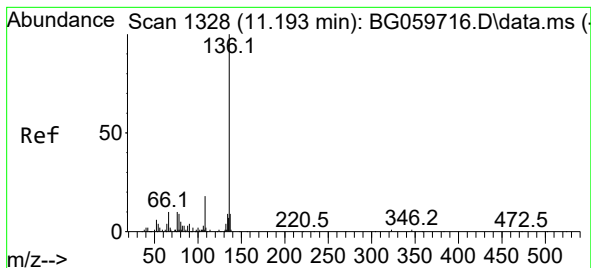
Tgt Ion: 99 Resp: 206281
Ion Ratio Lower Upper
99 100
42 20.4 14.3 21.5
71 72.9 59.3 88.9



#19
n-Nitroso-di-n-propylamine
Concen: 22.283 ng
RT: 9.528 min Scan# 1045
Delta R.T. 0.380 min
Lab File: BG059840.D
Acq: 23 Nov 2023 6:33

Tgt Ion: 70 Resp: 37228
Ion Ratio Lower Upper
70 100
42 24.2 32.8 49.2#
101 0.0 7.7 11.5#
130 2.5 12.3 18.5#

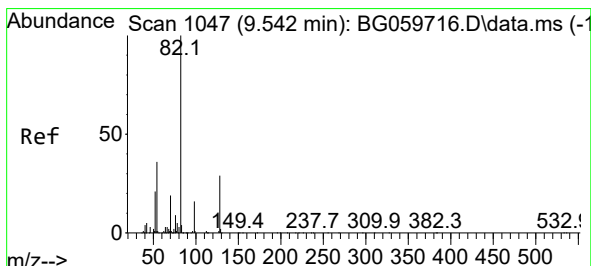
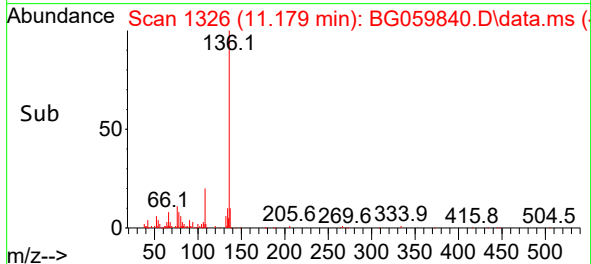
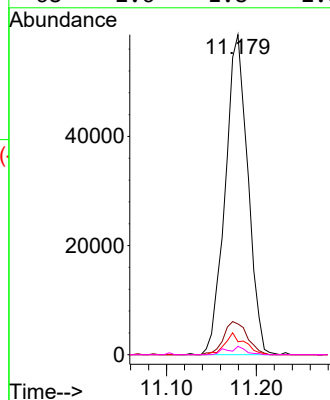
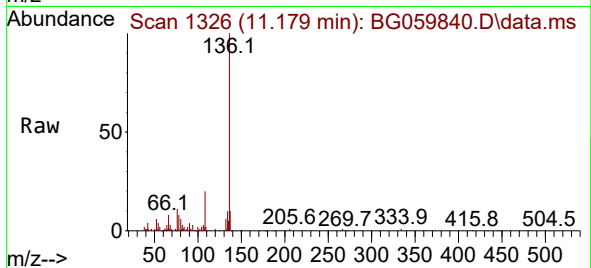




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.179 min Scan# 11
Delta R.T. -0.014 min
Lab File: BG059840.D
Acq: 23 Nov 2023 6:33

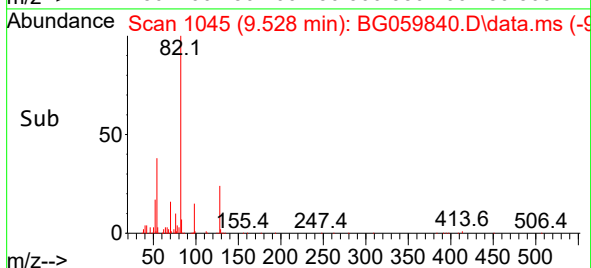
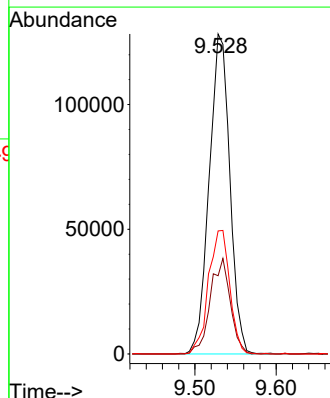
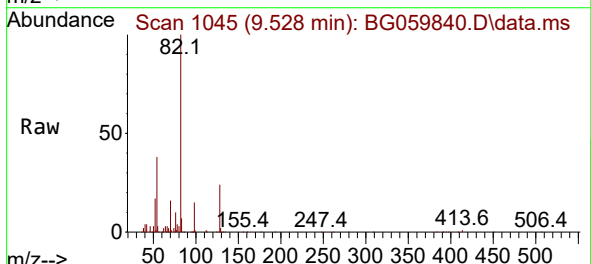
Instrument :
BNA_G
ClientSampleId :
TP-7

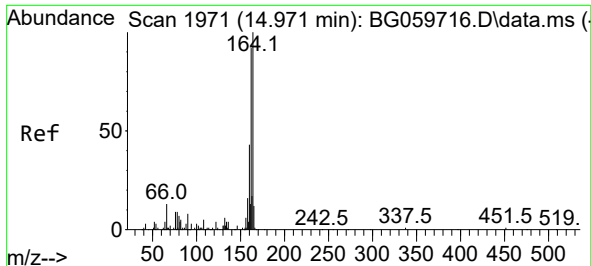
Tgt Ion:	136	Resp:	102380
Ion Ratio	Lower	Upper	
136	100		
137	9.6	7.4	11.0
54	4.1	3.1	4.7
68	2.6	1.8	2.8



#23
Nitrobenzene-d5
Concen: 84.403 ng
RT: 9.528 min Scan# 1045
Delta R.T. -0.013 min
Lab File: BG059840.D
Acq: 23 Nov 2023 6:33

Tgt Ion:	82	Resp:	226256
Ion Ratio	Lower	Upper	
82	100		
128	24.5	23.0	34.6
54	38.4	28.7	43.1

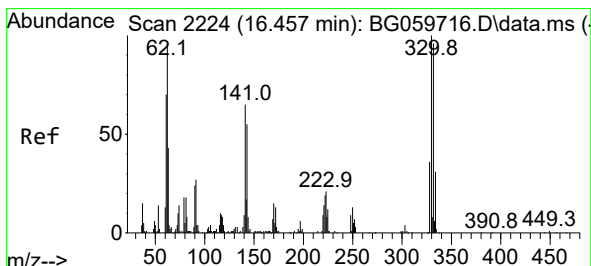
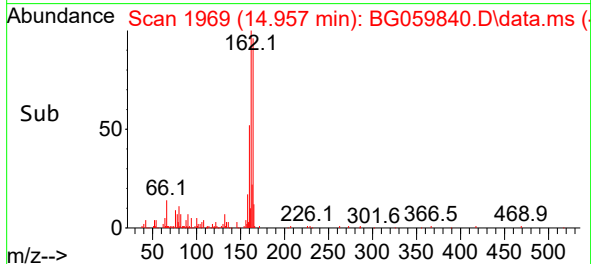
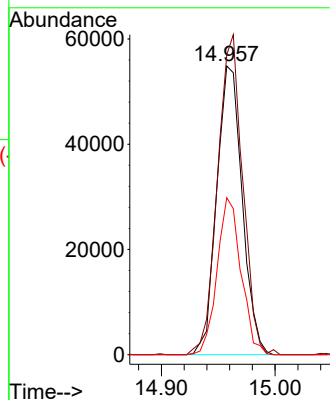
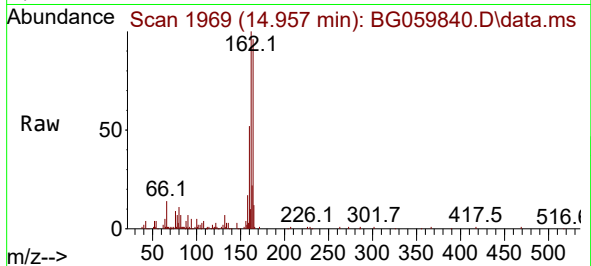




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.957 min Scan# 1969
Delta R.T. -0.013 min
Lab File: BG059840.D
Acq: 23 Nov 2023 6:33

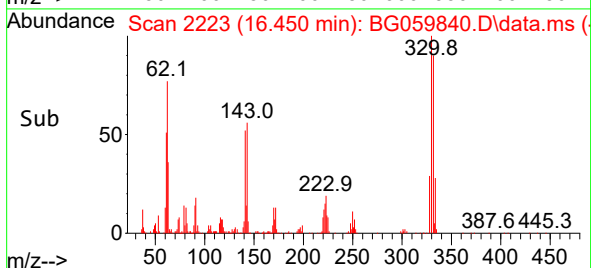
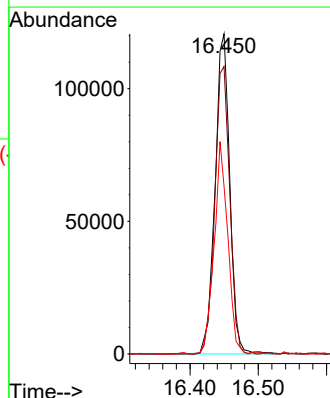
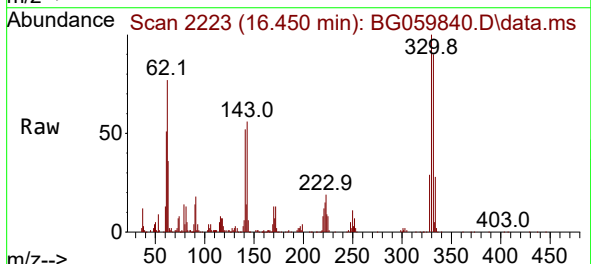
Instrument :
BNA_G
ClientSampleId :
TP-7

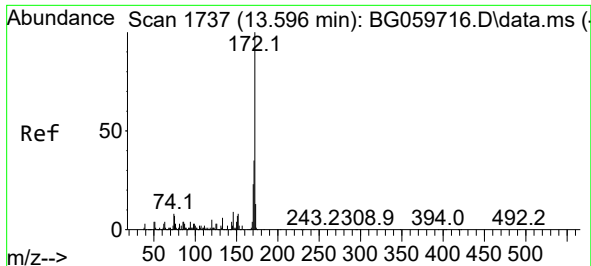
Tgt Ion:164 Resp: 85576
Ion Ratio Lower Upper
164 100
162 103.9 73.3 109.9
160 54.4 34.1 51.1#



#42
2,4,6-Tribromophenol
Concen: 185.370 ng
RT: 16.450 min Scan# 2223
Delta R.T. -0.008 min
Lab File: BG059840.D
Acq: 23 Nov 2023 6:33

Tgt Ion:330 Resp: 179988
Ion Ratio Lower Upper
330 100
332 92.0 73.3 109.9
141 61.7 52.1 78.1

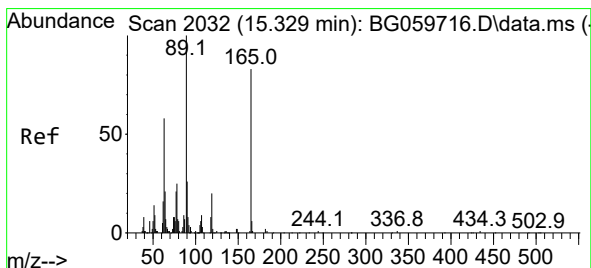
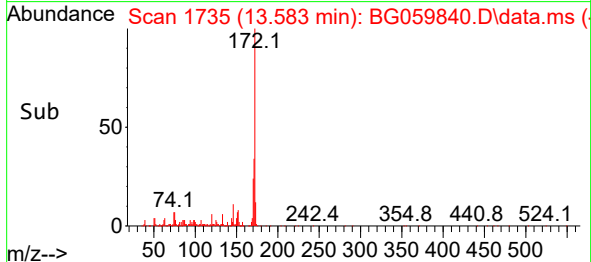
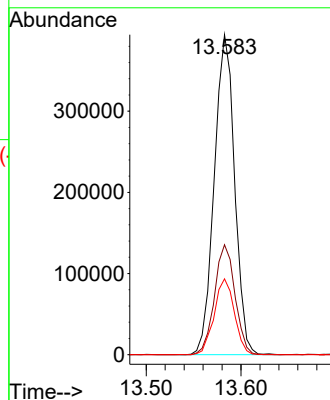
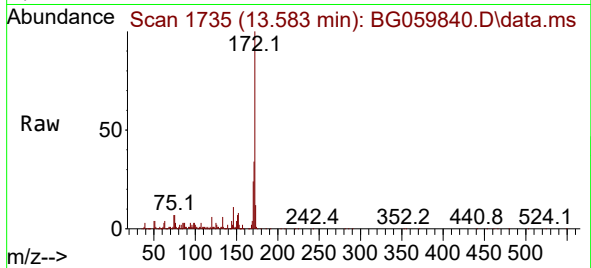




#45
2-Fluorobiphenyl
Concen: 92.445 ng
RT: 13.583 min Scan# 11
Delta R.T. -0.014 min
Lab File: BG059840.D
Acq: 23 Nov 2023 6:33

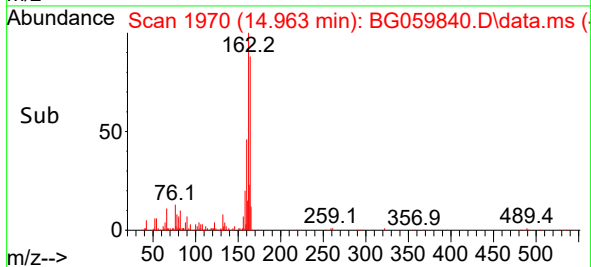
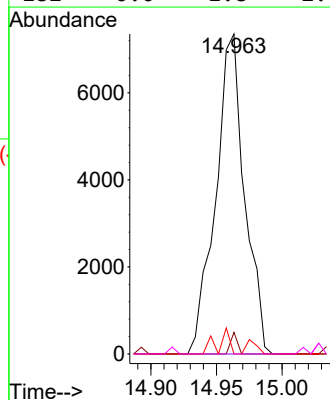
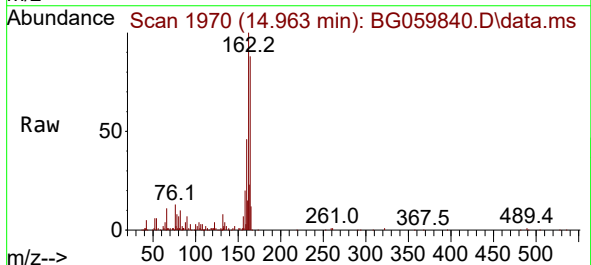
Instrument :
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ClientSampleId :
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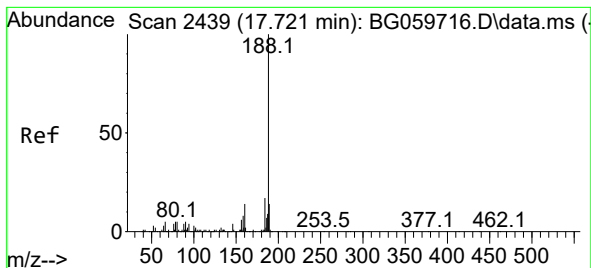
Tgt Ion:172 Resp: 587724
Ion Ratio Lower Upper
172 100
171 34.3 27.7 41.5
170 23.7 18.4 27.6



#57
2,4-Dinitrotoluene
Concen: 5.842 ng
RT: 14.963 min Scan# 1970
Delta R.T. -0.366 min
Lab File: BG059840.D
Acq: 23 Nov 2023 6:33

Tgt Ion:165 Resp: 11302
Ion Ratio Lower Upper
165 100
63 6.7 55.8 83.8#
89 0.0 96.9 145.3#
182 0.0 1.8 2.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.707 min Scan# 2439

Delta R.T. -0.013 min

Lab File: BG059840.D

Acq: 23 Nov 2023 6:33

Instrument :

BNA_G

ClientSampleId :

TP-7

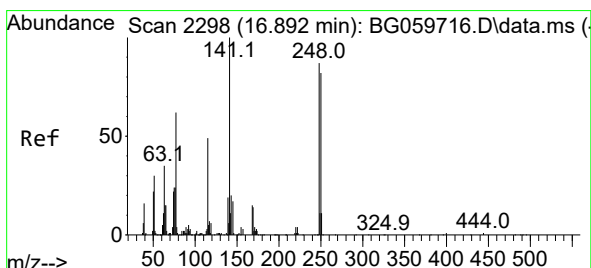
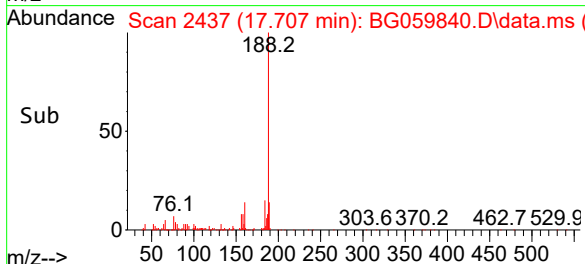
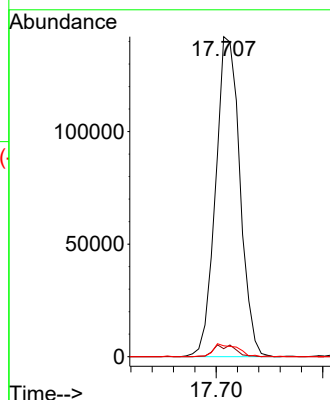
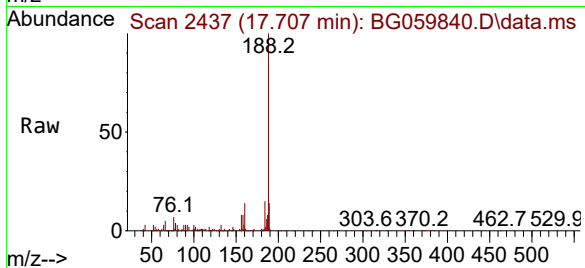
Tgt Ion:188 Resp: 224597

Ion Ratio Lower Upper

188 100

94 2.5 3.0 4.4#

80 3.4 4.2 6.4#



#67

4-Bromophenyl-phenylether

Concen: 5.620 ng

RT: 16.444 min Scan# 2222

Delta R.T. -0.448 min

Lab File: BG059840.D

Acq: 23 Nov 2023 6:33

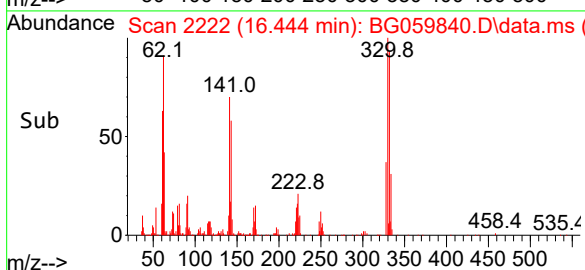
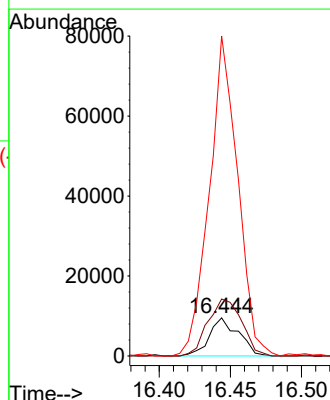
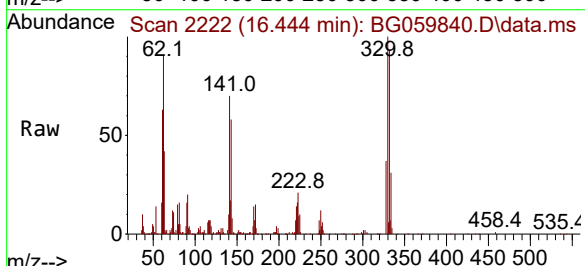
Tgt Ion:248 Resp: 13559

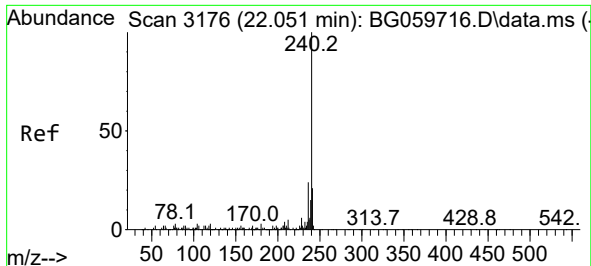
Ion Ratio Lower Upper

248 100

250 126.1 75.2 112.8#

141 708.1 91.5 137.3#

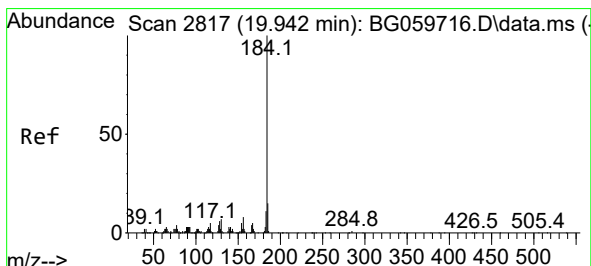
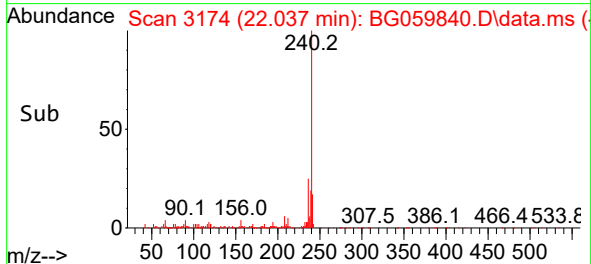
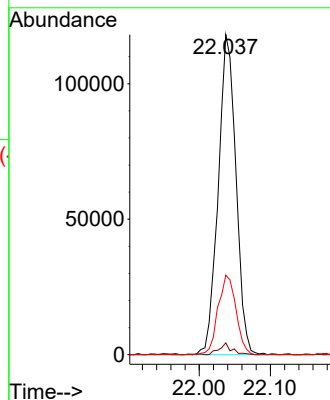
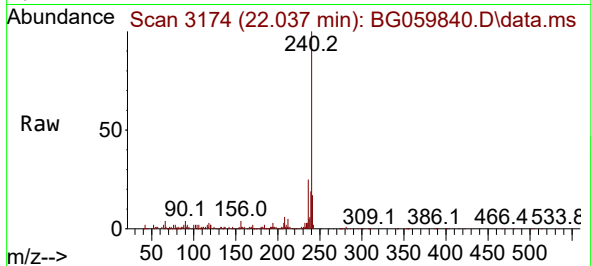




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.037 min Scan# 31
Delta R.T. -0.014 min
Lab File: BG059840.D
Acq: 23 Nov 2023 6:33

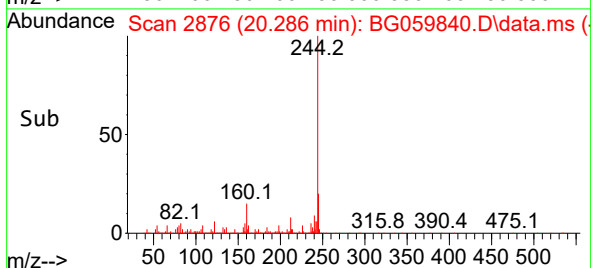
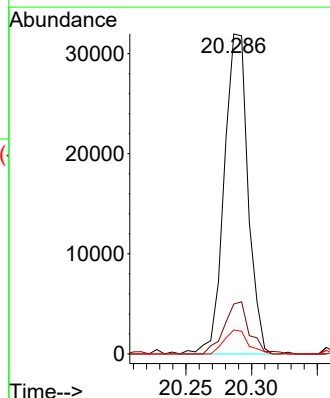
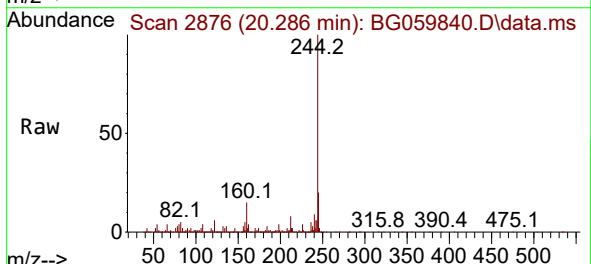
Instrument :
BNA_G
ClientSampleId :
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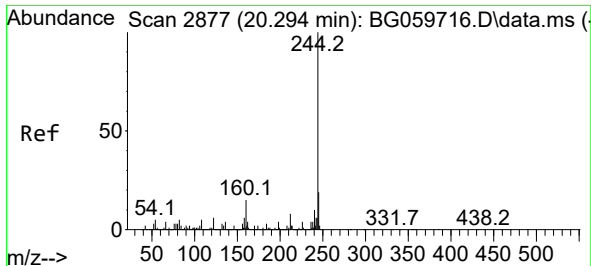
Tgt Ion:240 Resp: 204274
Ion Ratio Lower Upper
240 100
120 3.7 2.2 3.2#
236 24.8 19.4 29.2



#77
Benzidine
Concen: 8.702 ng
RT: 20.286 min Scan# 2876
Delta R.T. 0.345 min
Lab File: BG059840.D
Acq: 23 Nov 2023 6:33

Tgt Ion:184 Resp: 40306
Ion Ratio Lower Upper
184 100
185 15.6 12.2 18.2
183 7.5 8.8 13.2#

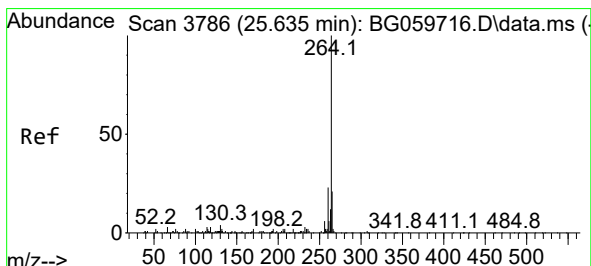
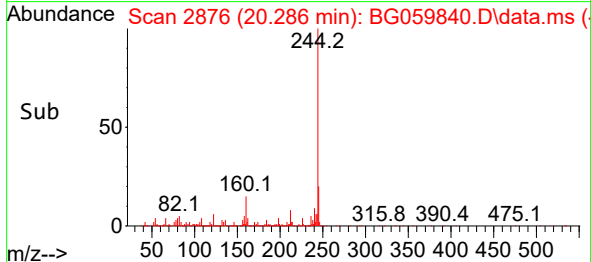
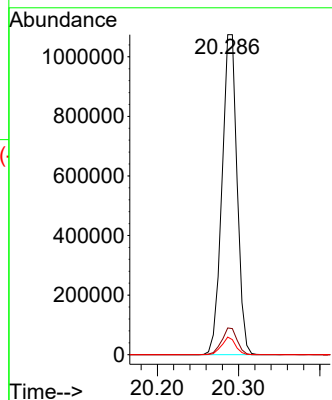
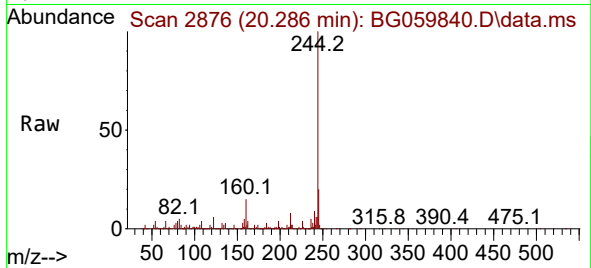




#79
 Terphenyl-d14
 Concen: 100.337 ng
 RT: 20.286 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG059840.D
 Acq: 23 Nov 2023 6:33

Instrument :
 BNA_G
 ClientSampleId :
 TP-7

Tgt Ion:244 Resp: 1388395
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.6 10.0
 122 5.5 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.616 min Scan# 3783
 Delta R.T. -0.019 min
 Lab File: BG059840.D
 Acq: 23 Nov 2023 6:33

Tgt Ion:264 Resp: 230905
 Ion Ratio Lower Upper
 264 100
 260 20.7 18.5 27.7
 265 23.4 17.0 25.6

