

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112223\
 Data File : BG059818.D
 Acq On : 22 Nov 2023 14:49
 Operator : MA/JU
 Sample : 05447-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP2

Quant Time: Nov 22 15:22:48 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)

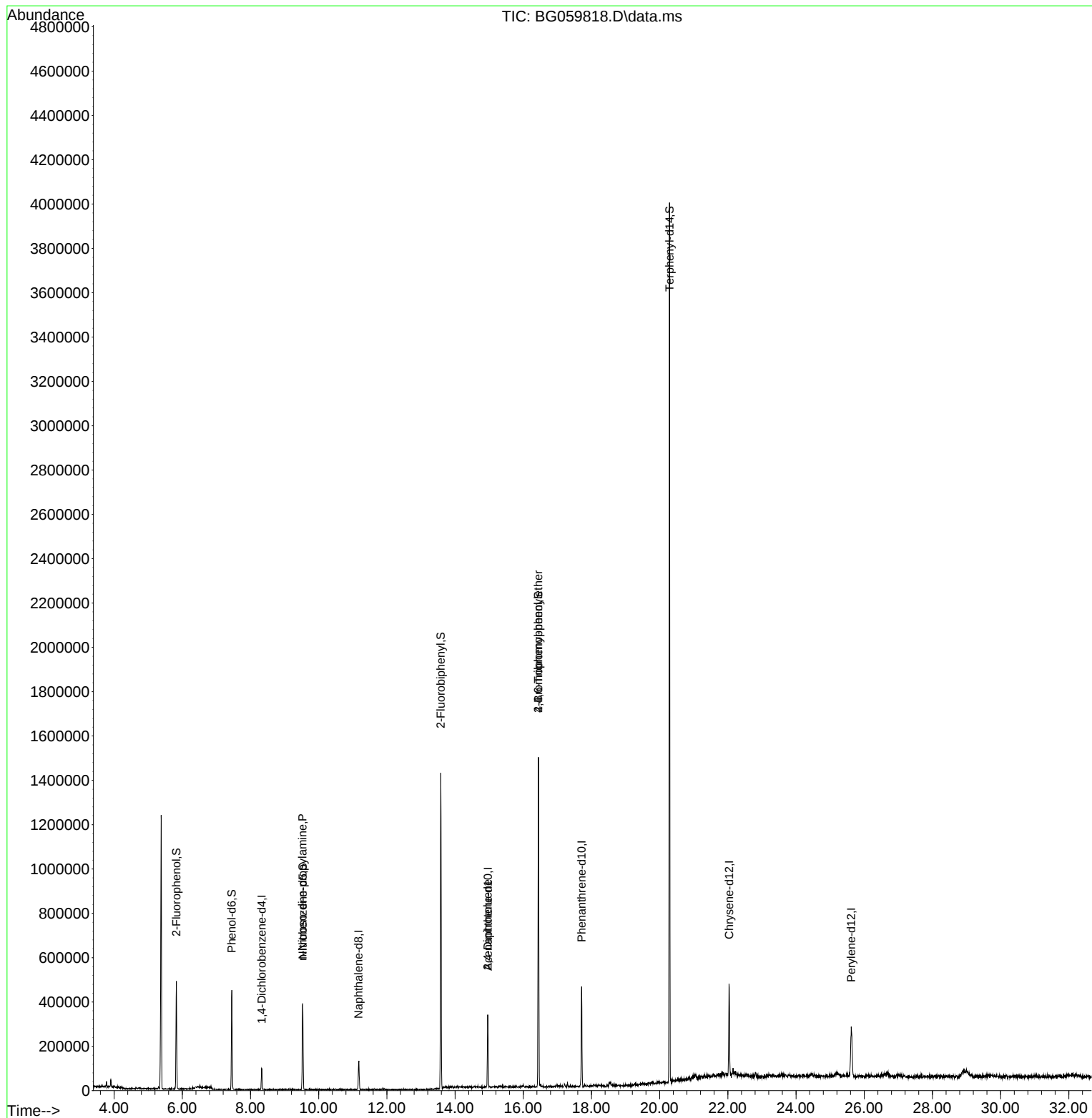
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.329	152	19003	20.000	ng	#-0.01
21) Naphthalene-d8	11.173	136	89095	20.000	ng	#-0.02
39) Acenaphthene-d10	14.963	164	107656	20.000	ng	# 0.00
64) Phenanthrene-d10	17.712	188	247893	20.000	ng	# 0.00
76) Chrysene-d12	22.037	240	242362	20.000	ng	#-0.01
86) Perylene-d12	25.621	264	265526	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.826	112	165069	146.205	ng	0.00
7) Phenol-d6	7.448	99	190263	113.719	ng	0.00
23) Nitrobenzene-d5	9.534	82	255909	109.699	ng	0.00
42) 2,4,6-Tribromophenol	16.443	330	205294	168.068	ng	-0.01
45) 2-Fluorobiphenyl	13.582	172	585964	73.264	ng	-0.01
79) Terphenyl-d14	20.292	244	1629343	99.245	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.528	70	41837	31.754	ng	# 80
57) 2,4-Dinitrotoluene	14.957	165	15079	6.195	ng	# 5
67) 4-Bromophenyl-phenylether	16.443	248	13865	5.206	ng	# 1

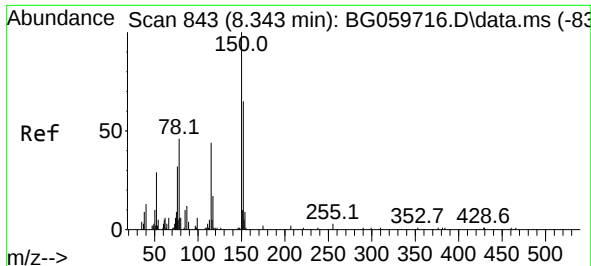
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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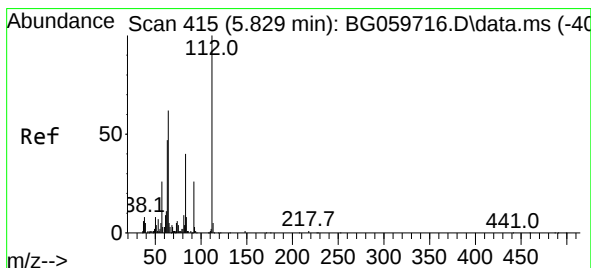
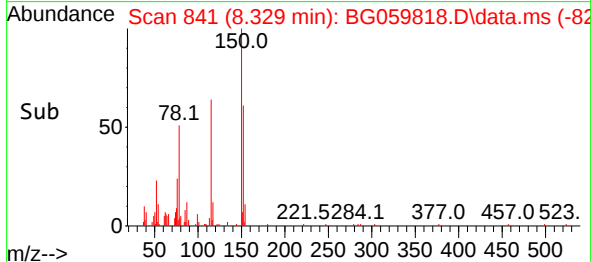
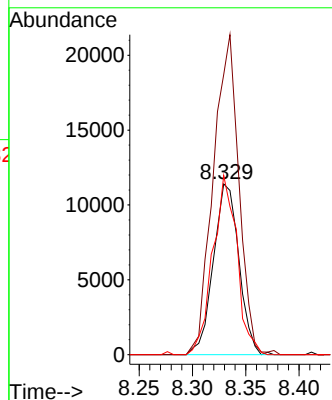
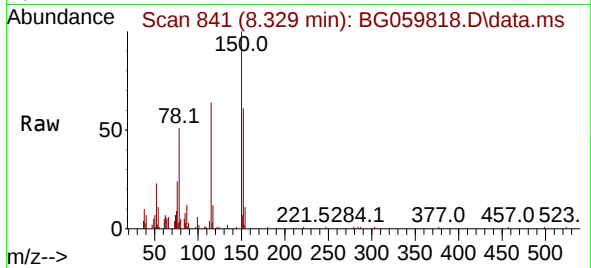




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.329 min Scan# 843
Delta R.T. -0.014 min
Lab File: BG059818.D
Acq: 22 Nov 2023 14:49

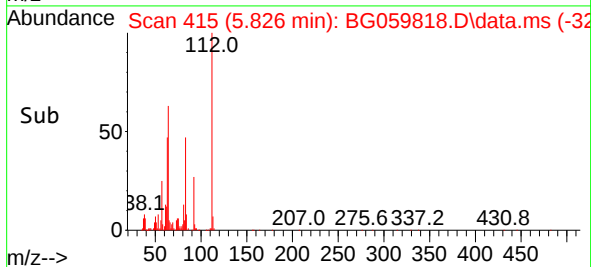
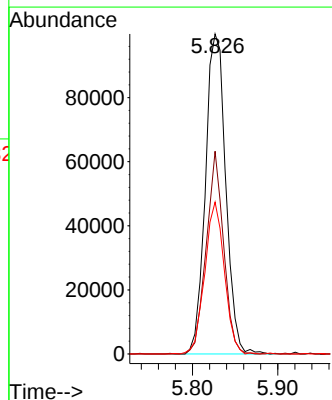
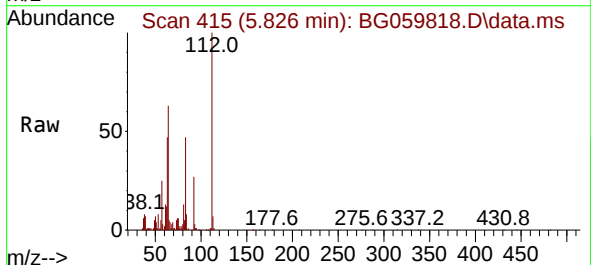
Instrument :
BNA_G
ClientSampleId :
SP2

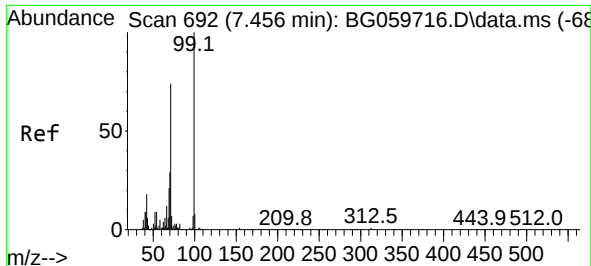
Tgt Ion:152 Resp: 19003
Ion Ratio Lower Upper
152 100
150 164.2 122.2 183.4
115 105.0 54.2 81.4#



#5
2-Fluorophenol
Concen: 146.205 ng
RT: 5.826 min Scan# 415
Delta R.T. -0.002 min
Lab File: BG059818.D
Acq: 22 Nov 2023 14:49

Tgt Ion:112 Resp: 165069
Ion Ratio Lower Upper
112 100
64 63.4 49.5 74.3
63 47.5 37.4 56.2

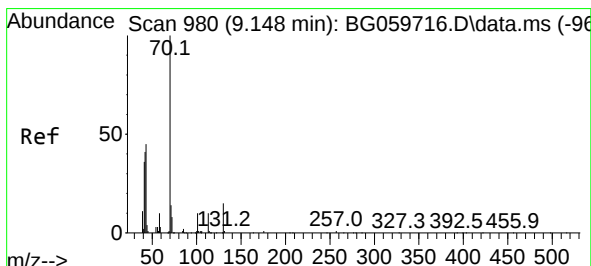
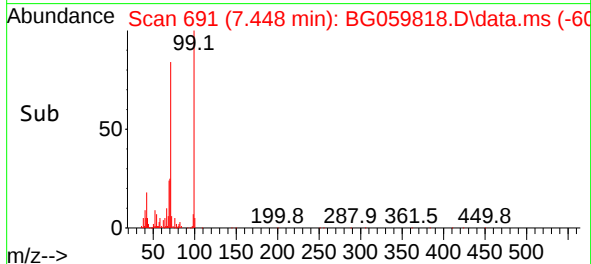
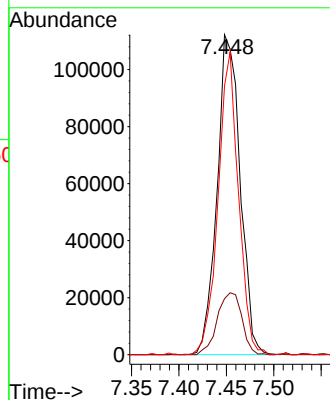
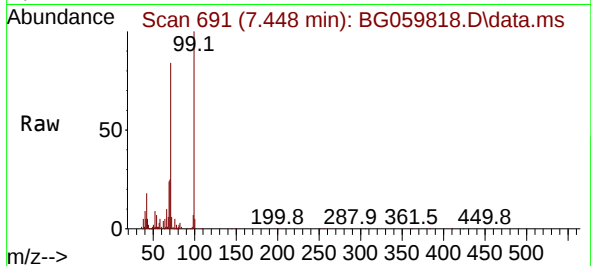




#7
Phenol-d6
Concen: 113.719 ng
RT: 7.448 min Scan# 691
Delta R.T. -0.008 min
Lab File: BG059818.D
Acq: 22 Nov 2023 14:49

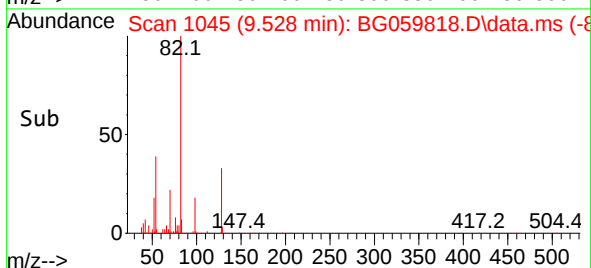
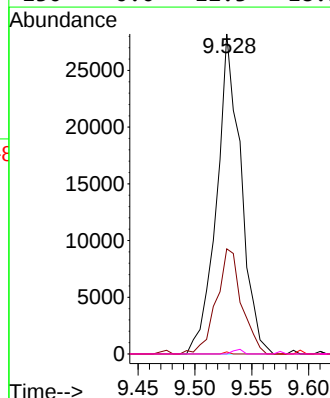
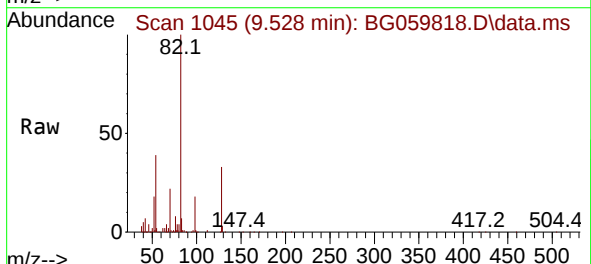
Instrument :
BNA_G
ClientSampleId :
SP2

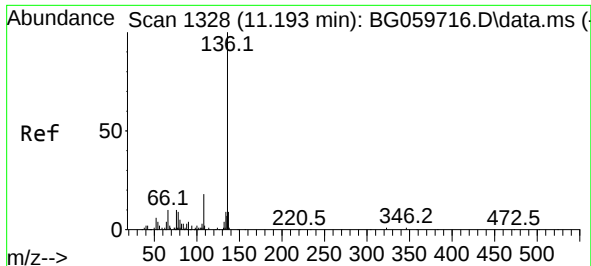
Tgt Ion: 99 Resp: 190263
Ion Ratio Lower Upper
99 100
42 17.5 14.3 21.5
71 84.0 59.3 88.9



#19
n-Nitroso-di-n-propylamine
Concen: 31.754 ng
RT: 9.528 min Scan# 1045
Delta R.T. 0.380 min
Lab File: BG059818.D
Acq: 22 Nov 2023 14:49

Tgt Ion: 70 Resp: 41837
Ion Ratio Lower Upper
70 100
42 32.8 32.8 49.2
101 0.7 7.7 11.5#
130 0.0 12.3 18.5#

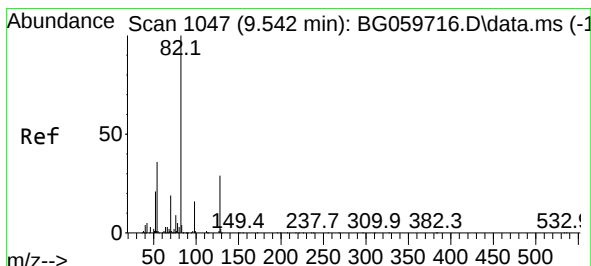
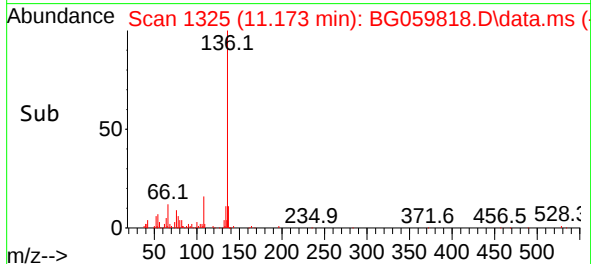
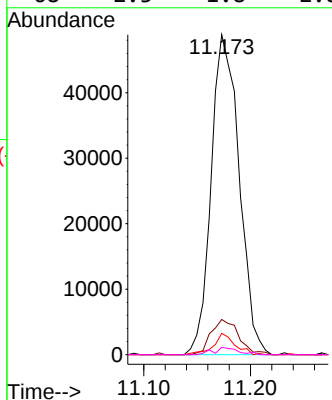
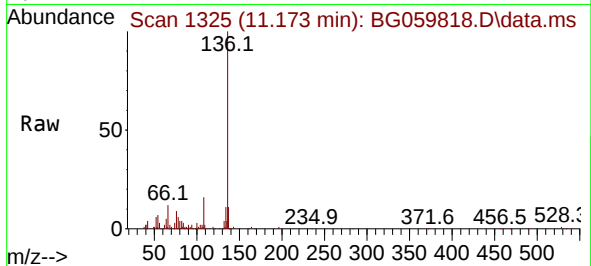




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.173 min Scan# 11
Delta R.T. -0.020 min
Lab File: BG059818.D
Acq: 22 Nov 2023 14:49

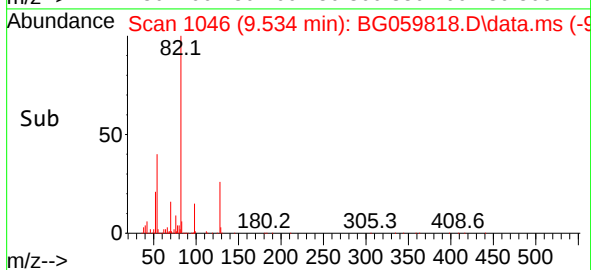
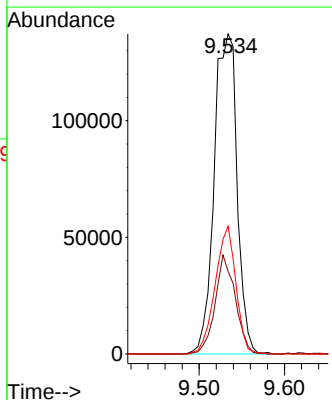
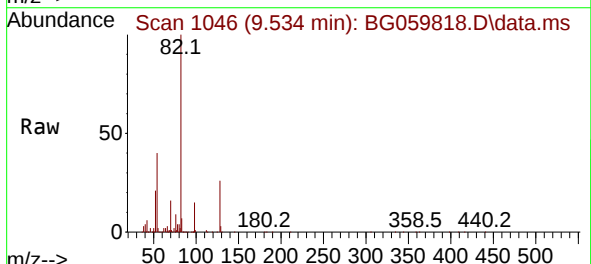
Instrument :
BNA_G
ClientSampleId :
SP2

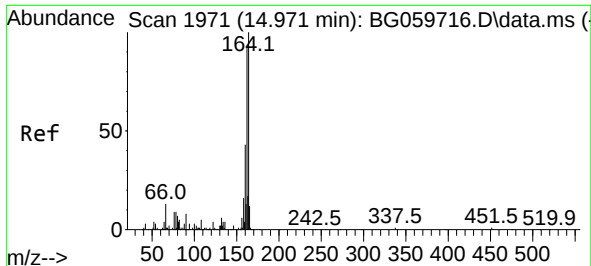
Tgt Ion:	136	Resp:	89095
Ion Ratio	Lower	Upper	
136	100		
137	11.0	7.4	11.0
54	6.7	3.1	4.7#
68	2.3	1.8	2.8



#23
Nitrobenzene-d5
Concen: 109.699 ng
RT: 9.534 min Scan# 1046
Delta R.T. -0.008 min
Lab File: BG059818.D
Acq: 22 Nov 2023 14:49

Tgt Ion:	82	Resp:	255909
Ion Ratio	Lower	Upper	
82	100		
128	25.9	23.0	34.6
54	39.9	28.7	43.1

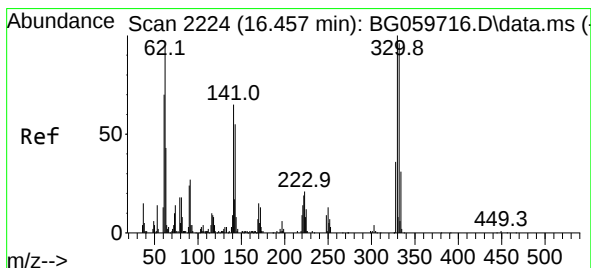
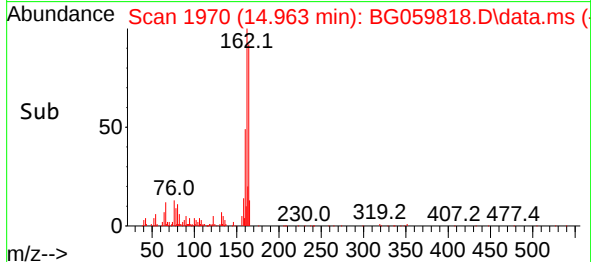
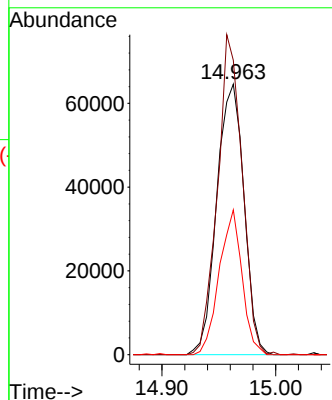
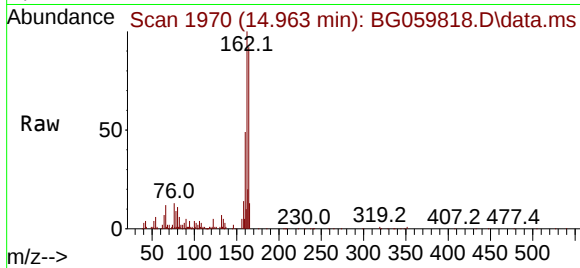




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.963 min Scan# 1971
Delta R.T. -0.008 min
Lab File: BG059818.D
Acq: 22 Nov 2023 14:49

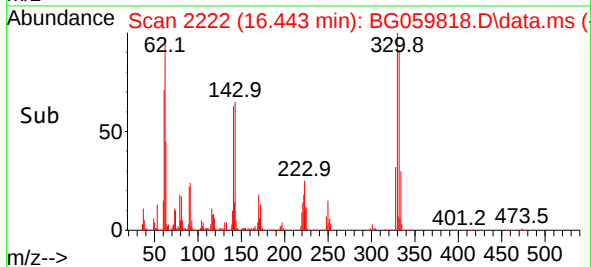
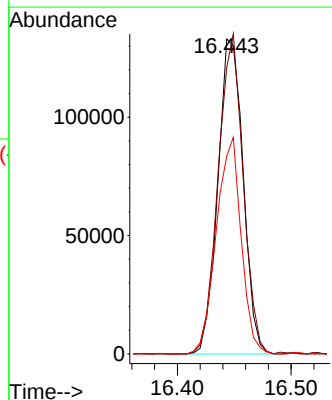
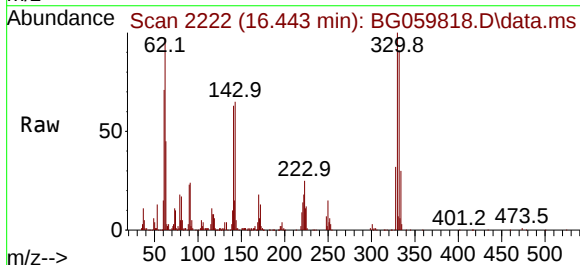
Instrument :
BNA_G
ClientSampleId :
SP2

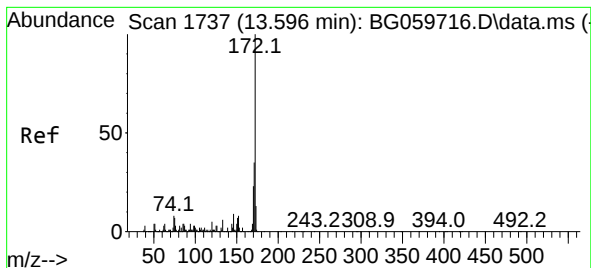
Tgt Ion:164 Resp: 107656
Ion Ratio Lower Upper
164 100
162 108.8 73.3 109.9
160 53.5 34.1 51.1#



#42
2,4,6-Tribromophenol
Concen: 168.068 ng
RT: 16.443 min Scan# 2222
Delta R.T. -0.014 min
Lab File: BG059818.D
Acq: 22 Nov 2023 14:49

Tgt Ion:330 Resp: 205294
Ion Ratio Lower Upper
330 100
332 100.5 73.3 109.9
141 67.6 52.1 78.1





#45

2-Fluorobiphenyl

Concen: 73.264 ng

RT: 13.582 min Scan# 1

Delta R.T. -0.014 min

Lab File: BG059818.D

Acq: 22 Nov 2023 14:49

Instrument :

BNA_G

ClientSampleId :

SP2

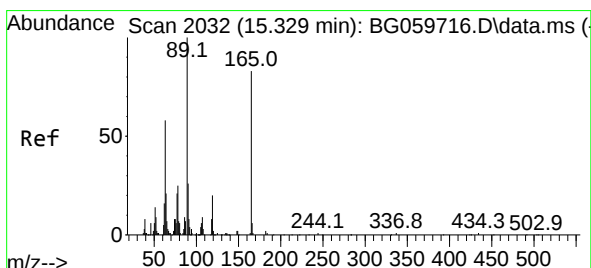
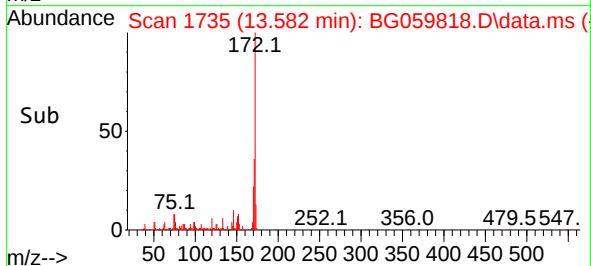
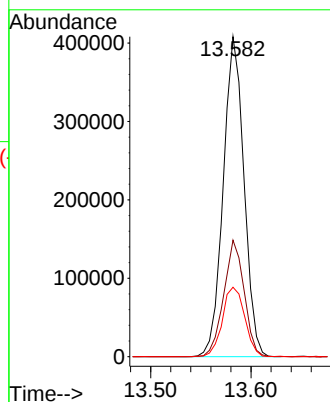
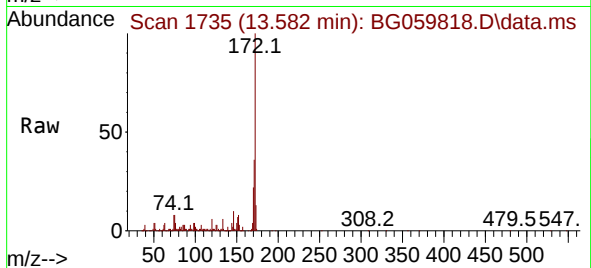
Tgt Ion:172 Resp: 585964

Ion Ratio Lower Upper

172 100

171 36.4 27.7 41.5

170 21.7 18.4 27.6



#57

2,4-Dinitrotoluene

Concen: 6.195 ng

RT: 14.957 min Scan# 1969

Delta R.T. -0.372 min

Lab File: BG059818.D

Acq: 22 Nov 2023 14:49

Tgt Ion:165 Resp: 15079

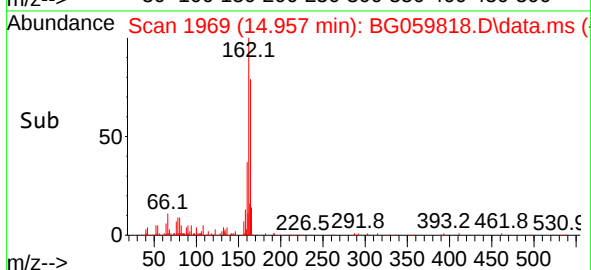
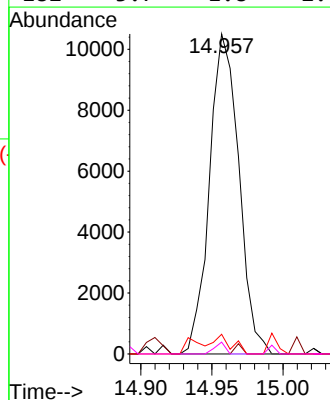
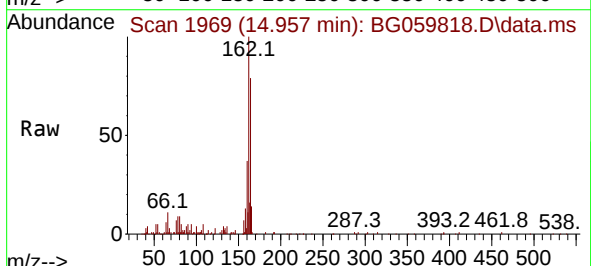
Ion Ratio Lower Upper

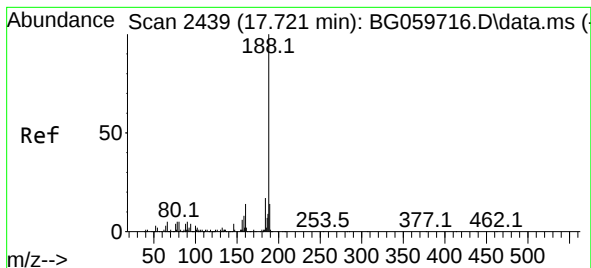
165 100

63 0.0 55.8 83.8#

89 6.2 96.9 145.3#

182 3.7 1.8 2.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.712 min Scan# 2439

Delta R.T. -0.008 min

Lab File: BG059818.D

Acq: 22 Nov 2023 14:49

Instrument :

BNA_G

ClientSampleId :

SP2

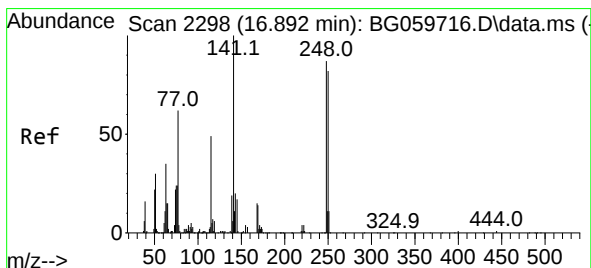
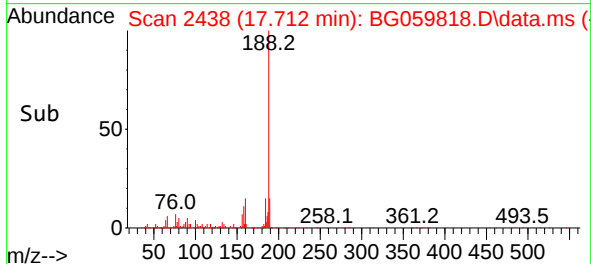
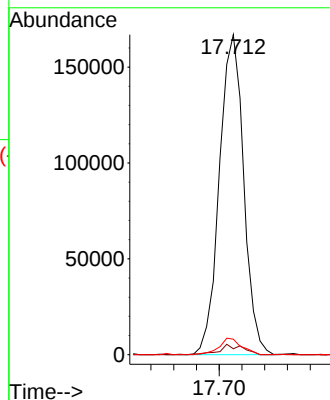
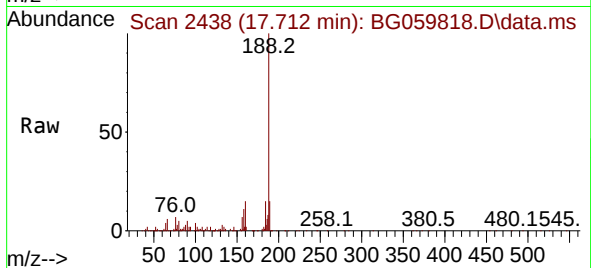
Tgt Ion:188 Resp: 247893

Ion Ratio Lower Upper

188 100

94 1.9 3.0 4.4#

80 4.8 4.2 6.4



#67

4-Bromophenyl-phenylether

Concen: 5.206 ng

RT: 16.443 min Scan# 2222

Delta R.T. -0.449 min

Lab File: BG059818.D

Acq: 22 Nov 2023 14:49

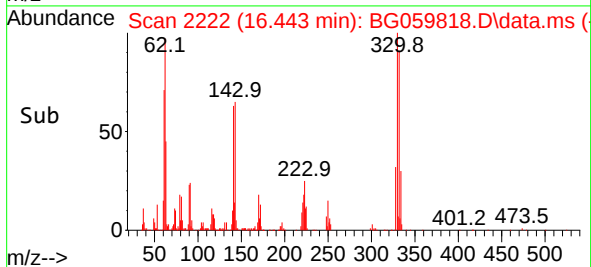
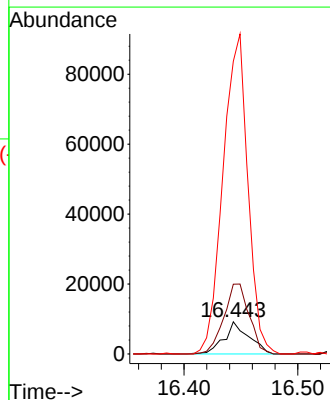
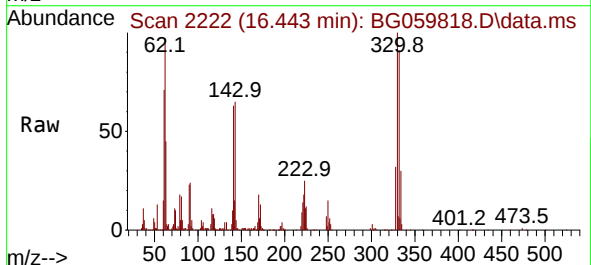
Tgt Ion:248 Resp: 13865

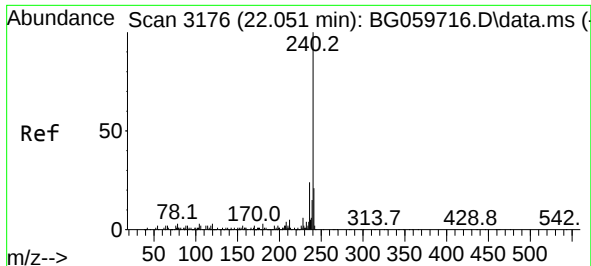
Ion Ratio Lower Upper

248 100

250 216.5 75.2 112.8#

141 908.5 91.5 137.3#

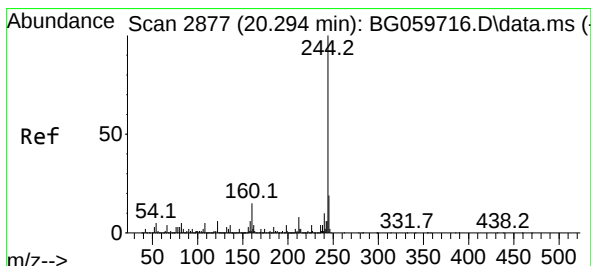
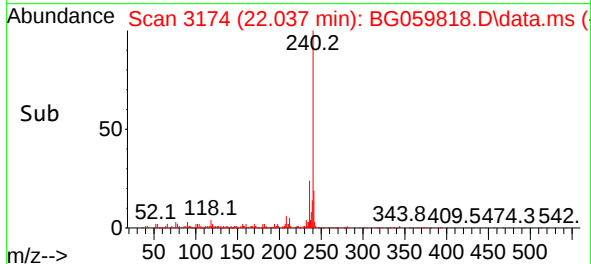
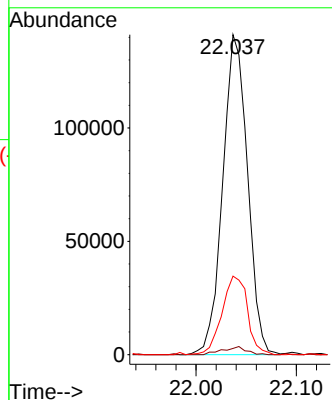
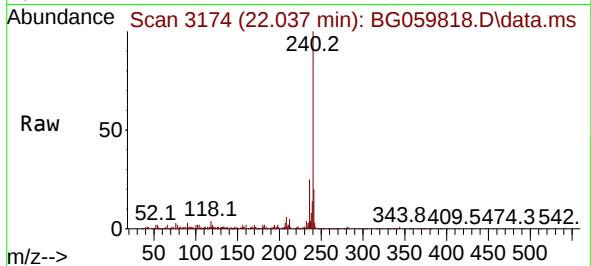




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.037 min Scan# 31
Delta R.T. -0.014 min
Lab File: BG059818.D
Acq: 22 Nov 2023 14:49

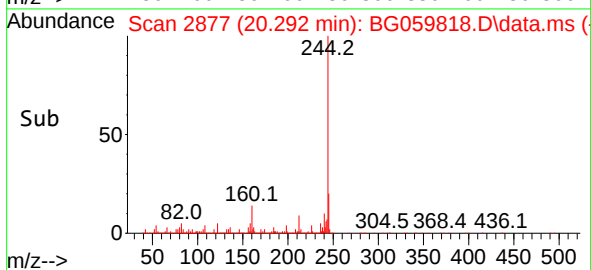
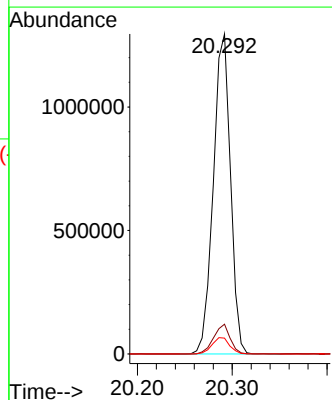
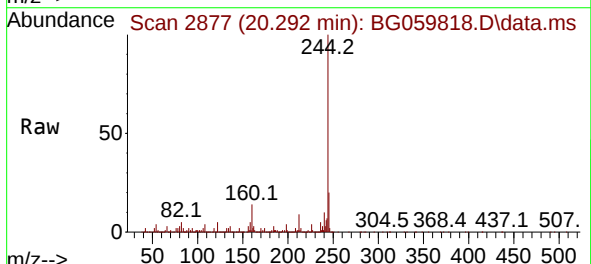
Instrument :
BNA_G
ClientSampleId :
SP2

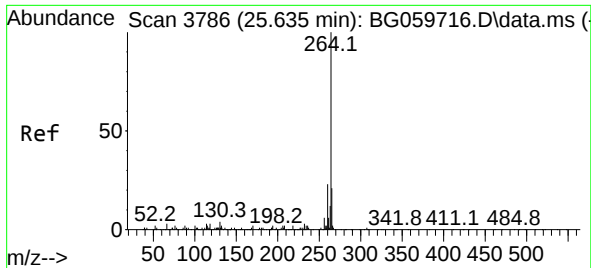
Tgt Ion:240 Resp: 242362
Ion Ratio Lower Upper
240 100
120 2.0 2.2 3.2#
236 24.6 19.4 29.2



#79
Terphenyl-d14
Concen: 99.245 ng
RT: 20.292 min Scan# 2877
Delta R.T. -0.002 min
Lab File: BG059818.D
Acq: 22 Nov 2023 14:49

Tgt Ion:244 Resp: 1629343
Ion Ratio Lower Upper
244 100
212 9.3 6.6 10.0
122 5.0 4.4 6.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.621 min Scan# 31
Delta R.T. -0.014 min
Lab File: BG059818.D
Acq: 22 Nov 2023 14:49

Instrument :
BNA_G
ClientSampleId :
SP2

Tgt Ion:264 Resp: 265526
Ion Ratio Lower Upper
264 100
260 27.4 18.5 27.7
265 22.8 17.0 25.6

