

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
 Data File : BG059764.D
 Acq On : 18 Nov 2023 14:32
 Operator : MA/JU
 Sample : 05385-01 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 20 04:43:35 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)

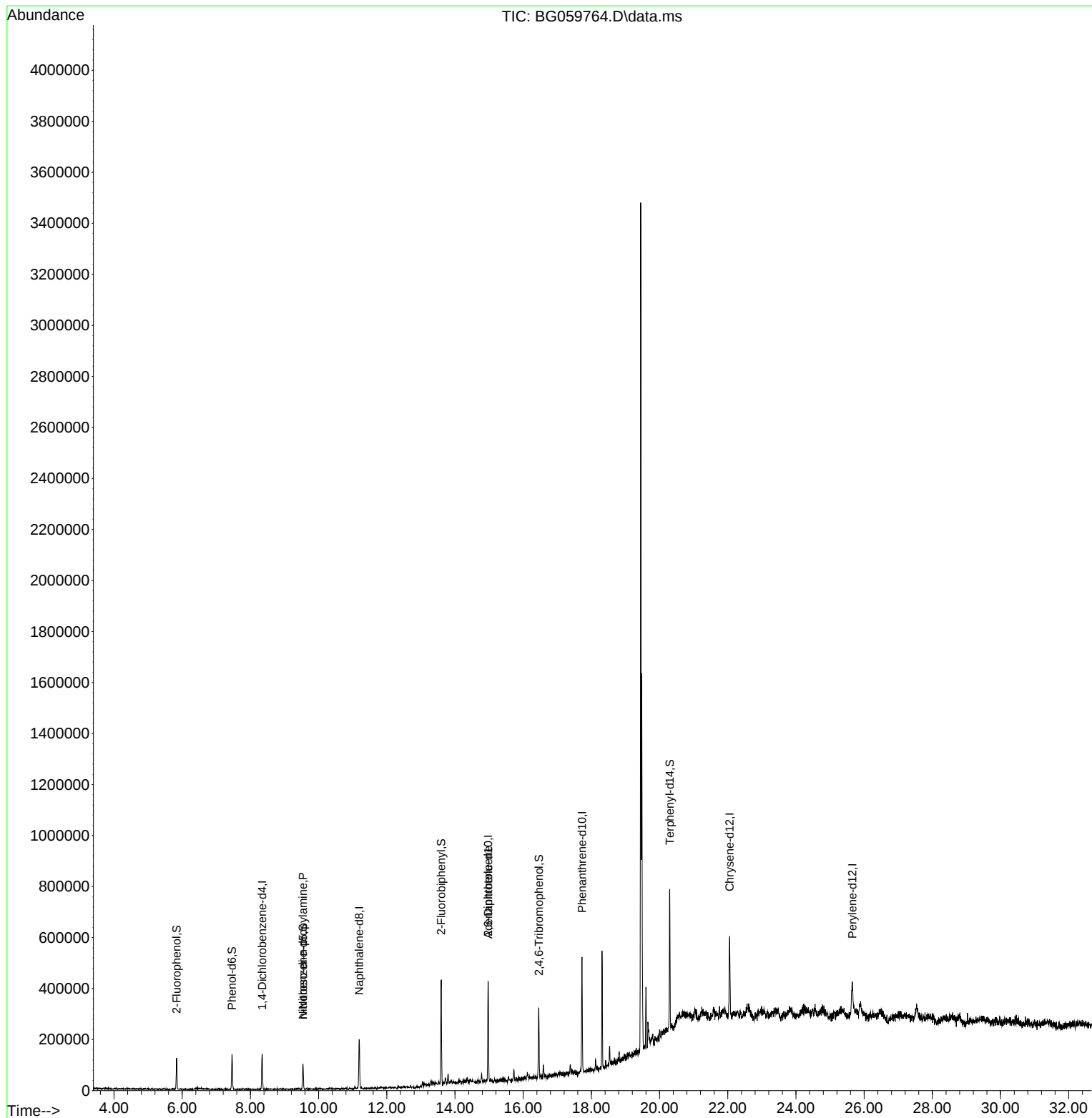
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.347	152	28575	20.000	ng	# 0.00
21) Naphthalene-d8	11.191	136	139724	20.000	ng	# 0.00
39) Acenaphthene-d10	14.975	164	120204	20.000	ng	0.00
64) Phenanthrene-d10	17.725	188	233023	20.000	ng	# 0.00
76) Chrysene-d12	22.055	240	186010	20.000	ng	0.00
86) Perylene-d12	25.651	264	178302	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.833	112	39882	23.491	ng	0.00
7) Phenol-d6	7.460	99	60779	24.158	ng	0.00
23) Nitrobenzene-d5	9.540	82	59932	16.382	ng	0.00
42) 2,4,6-Tribromophenol	16.461	330	37625	27.587	ng	0.00
45) 2-Fluorobiphenyl	13.594	172	165935	18.581	ng	0.00
79) Terphenyl-d14	20.298	244	229281	18.197	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.540	70	9768	4.930	ng	# 86
51) 2,6-Dinitrotoluene	14.969	165	14638	8.283	ng	# 3

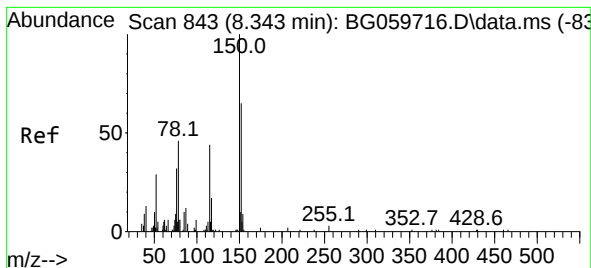
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.347 min Scan# 84

Delta R.T. 0.004 min

Lab File: BG059764.D

Acq: 18 Nov 2023 14:32

Instrument :

BNA_G

ClientSampleId :

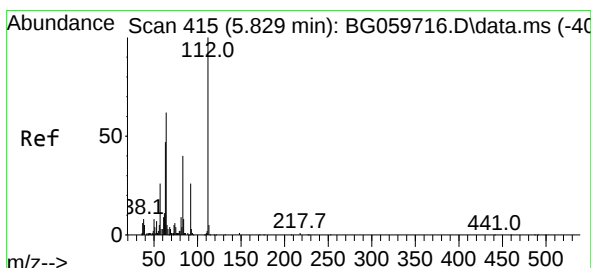
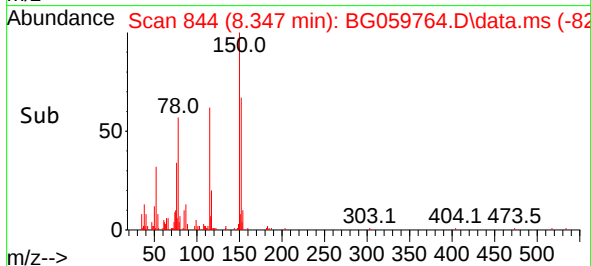
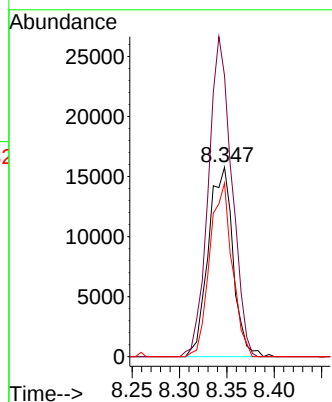
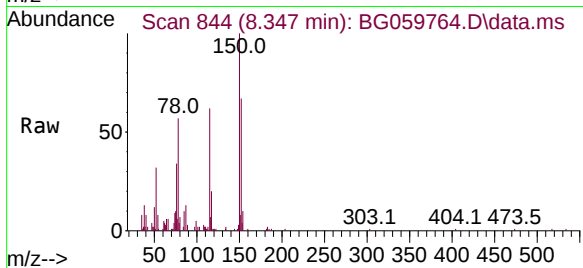
Tgt Ion:152 Resp: 28575

Ion Ratio Lower Upper

152 100

150 148.2 122.2 183.4

115 91.6 54.2 81.4#



#5

2-Fluorophenol

Concen: 23.491 ng

RT: 5.833 min Scan# 416

Delta R.T. 0.004 min

Lab File: BG059764.D

Acq: 18 Nov 2023 14:32

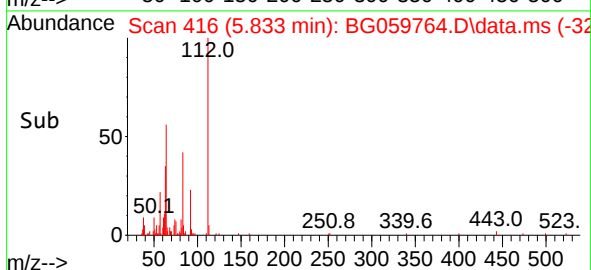
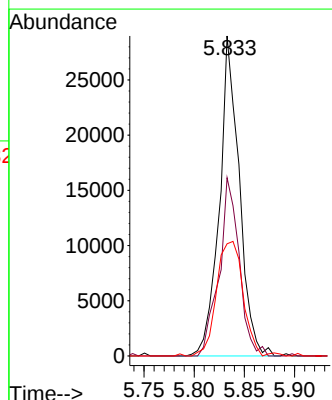
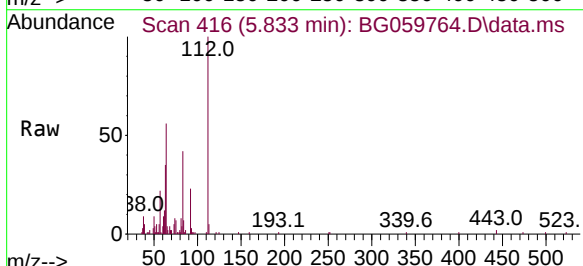
Tgt Ion:112 Resp: 39882

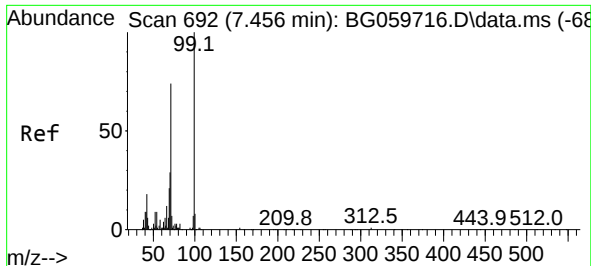
Ion Ratio Lower Upper

112 100

64 55.7 49.5 74.3

63 35.0 37.4 56.2#

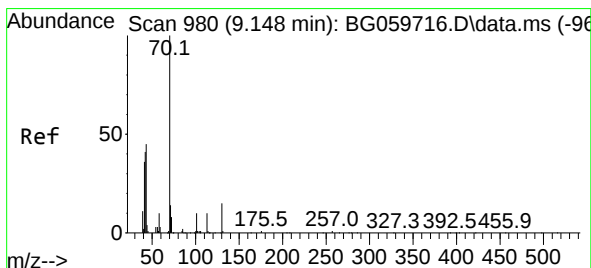
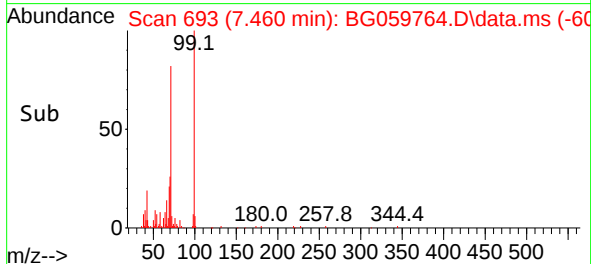
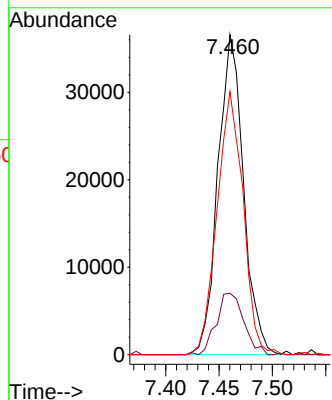
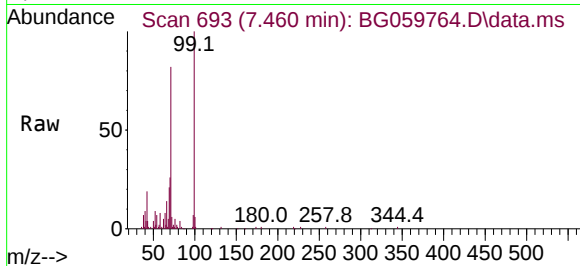




#7
Phenol-d6
Concen: 24.158 ng
RT: 7.460 min Scan# 60779
Delta R.T. 0.004 min
Lab File: BG059764.D
Acq: 18 Nov 2023 14:32

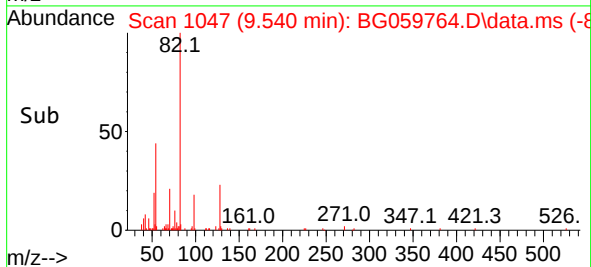
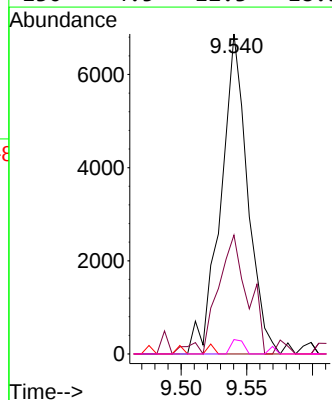
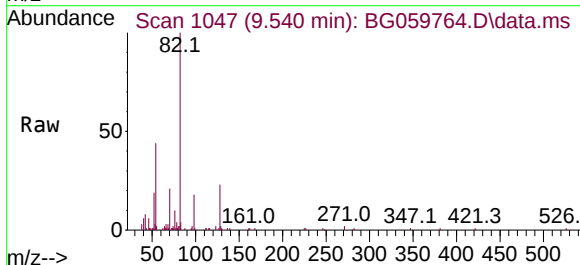
Instrument :
BNA_G
ClientSampleId :

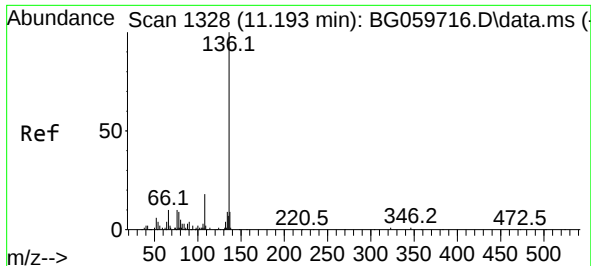
Tgt Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.3	21.5
71	82.2	59.3	88.9



#19
n-Nitroso-di-n-propylamine
Concen: 4.930 ng
RT: 9.540 min Scan# 1047
Delta R.T. 0.392 min
Lab File: BG059764.D
Acq: 18 Nov 2023 14:32

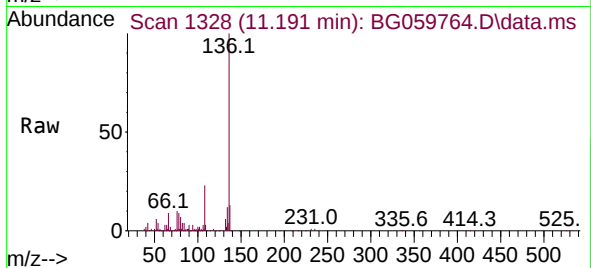
Tgt Ion	Ratio	Lower	Upper
70	100		
42	37.1	32.8	49.2
101	0.0	7.7	11.5#
130	4.5	12.3	18.5#



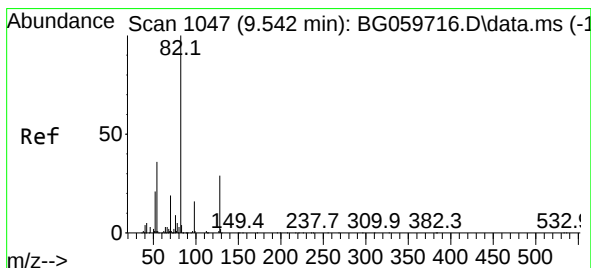
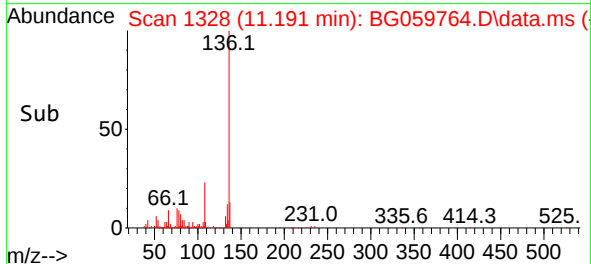
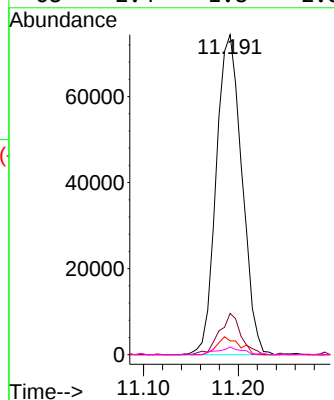


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.191 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG059764.D
Acq: 18 Nov 2023 14:32

Instrument :
BNA_G
ClientSampleId :

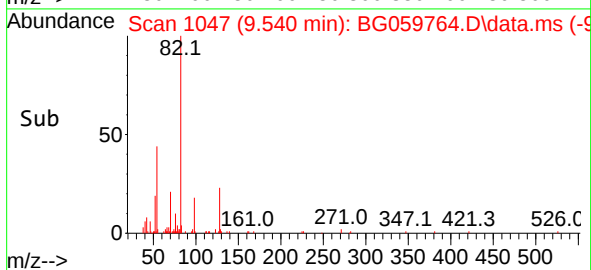
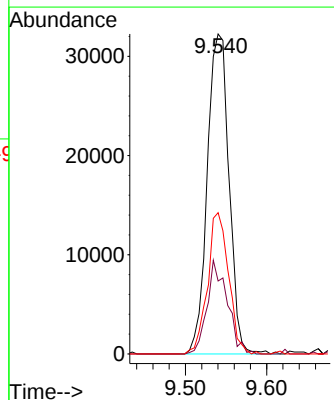
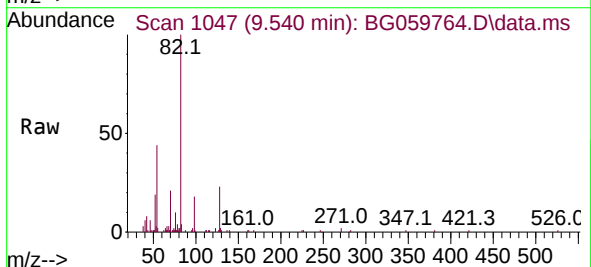


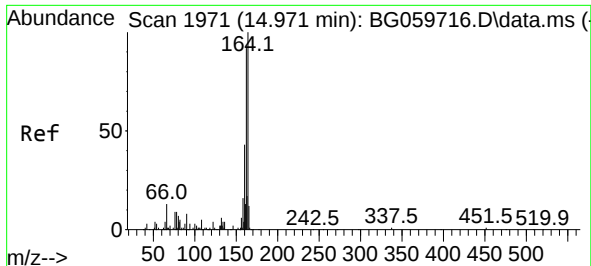
Tgt Ion:136 Resp: 139724
Ion Ratio Lower Upper
136 100
137 12.9 7.4 11.0#
54 4.3 3.1 4.7
68 2.4 1.8 2.8



#23
Nitrobenzene-d5
Concen: 16.382 ng
RT: 9.540 min Scan# 1047
Delta R.T. -0.002 min
Lab File: BG059764.D
Acq: 18 Nov 2023 14:32

Tgt Ion: 82 Resp: 59932
Ion Ratio Lower Upper
82 100
128 22.8 23.0 34.6#
54 44.1 28.7 43.1#

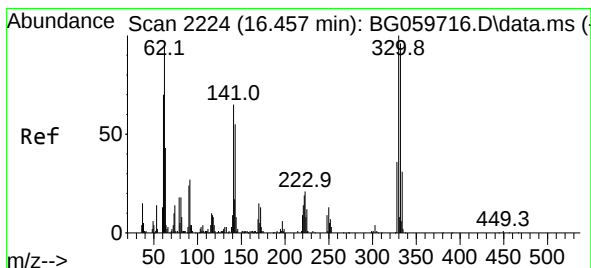
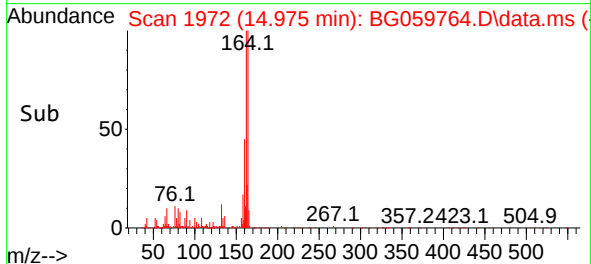
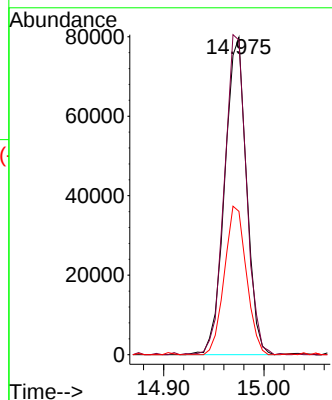
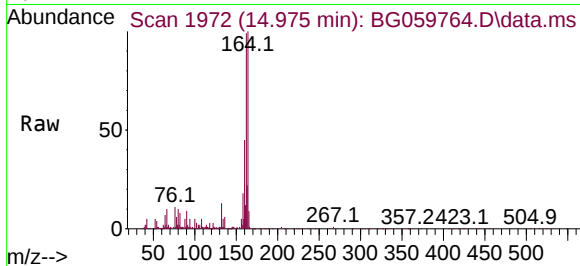




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.975 min Scan# 1971
Delta R.T. 0.004 min
Lab File: BG059764.D
Acq: 18 Nov 2023 14:32

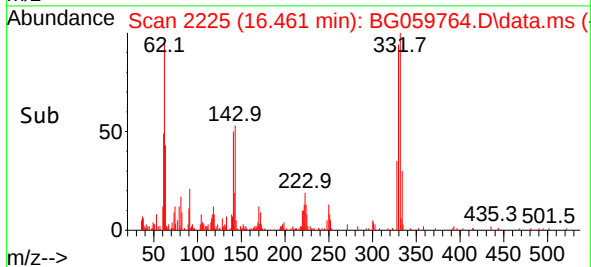
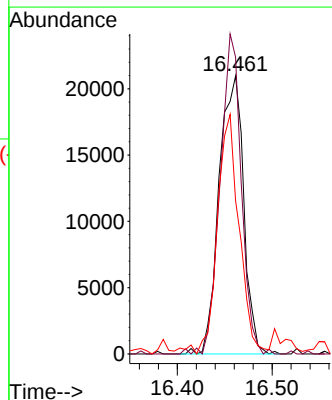
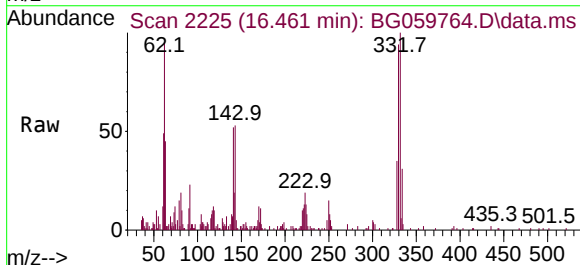
Instrument :
BNA_G
ClientSampleId :

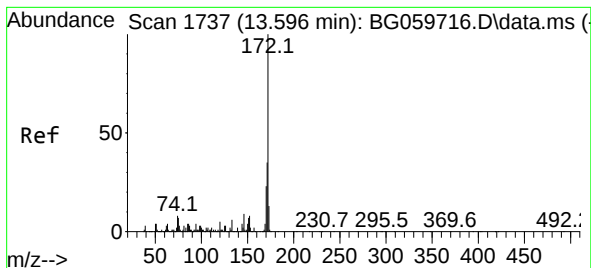
Tgt Ion:164 Resp: 120204
Ion Ratio Lower Upper
164 100
162 99.1 73.3 109.9
160 45.2 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 27.587 ng
RT: 16.461 min Scan# 2225
Delta R.T. 0.004 min
Lab File: BG059764.D
Acq: 18 Nov 2023 14:32

Tgt Ion:330 Resp: 37625
Ion Ratio Lower Upper
330 100
332 98.8 73.3 109.9
141 77.4 52.1 78.1

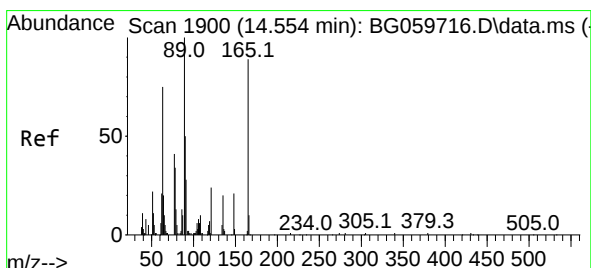
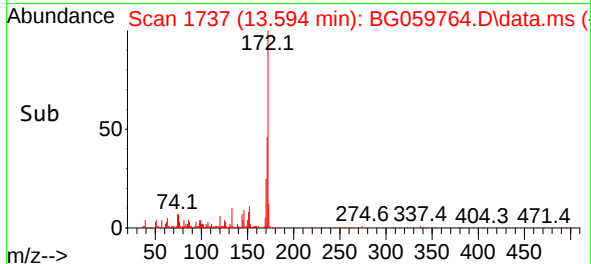
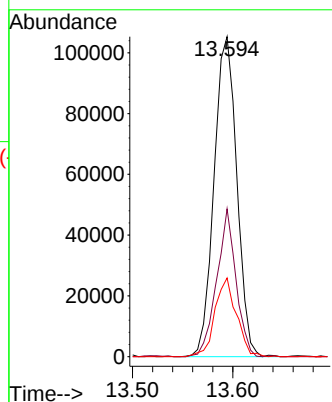
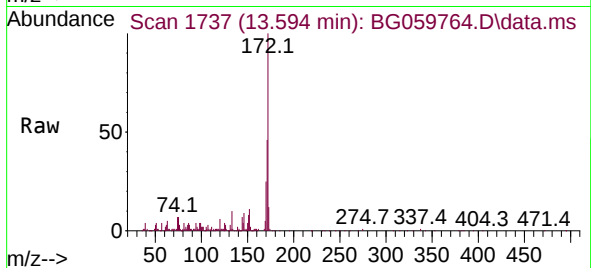




#45
2-Fluorobiphenyl
Concen: 18.581 ng
RT: 13.594 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG059764.D
Acq: 18 Nov 2023 14:32

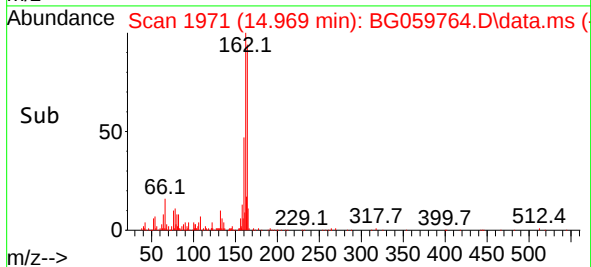
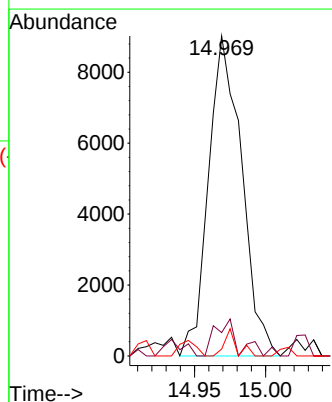
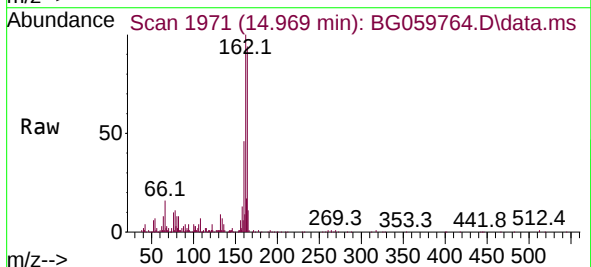
Instrument :
BNA_G
ClientSampleId :

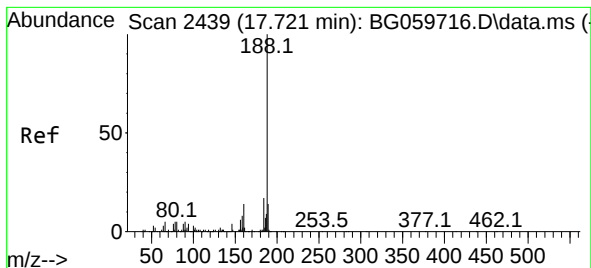
Tgt Ion:172 Resp: 165935
Ion Ratio Lower Upper
172 100
171 46.2 27.7 41.5#
170 24.6 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 8.283 ng
RT: 14.969 min Scan# 1971
Delta R.T. 0.415 min
Lab File: BG059764.D
Acq: 18 Nov 2023 14:32

Tgt Ion:165 Resp: 14638
Ion Ratio Lower Upper
165 100
63 7.3 75.3 112.9#
89 2.1 90.9 136.3#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.725 min Scan# 24

Delta R.T. 0.004 min

Lab File: BG059764.D

Acq: 18 Nov 2023 14:32

Instrument :

BNA_G

ClientSampleId :

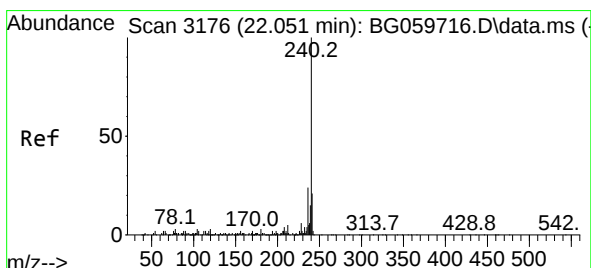
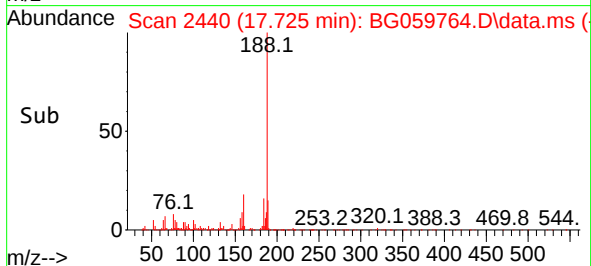
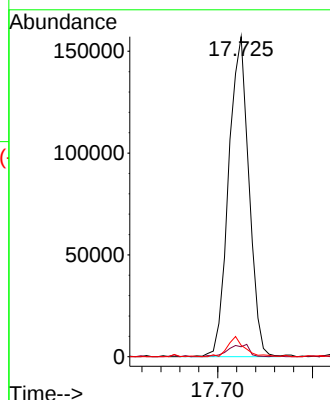
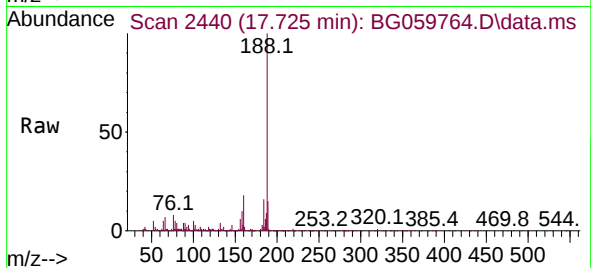
Tgt Ion:188 Resp: 233023

Ion Ratio Lower Upper

188 100

94 3.1 3.0 4.4

80 3.6 4.2 6.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.055 min Scan# 3177

Delta R.T. 0.004 min

Lab File: BG059764.D

Acq: 18 Nov 2023 14:32

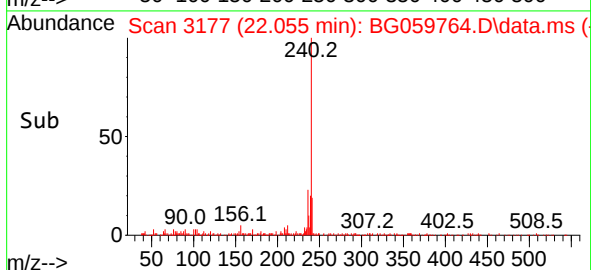
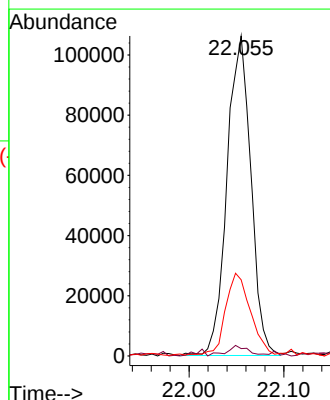
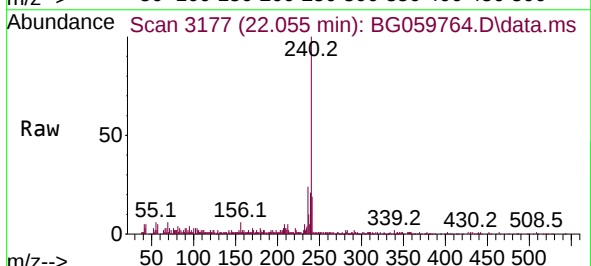
Tgt Ion:240 Resp: 186010

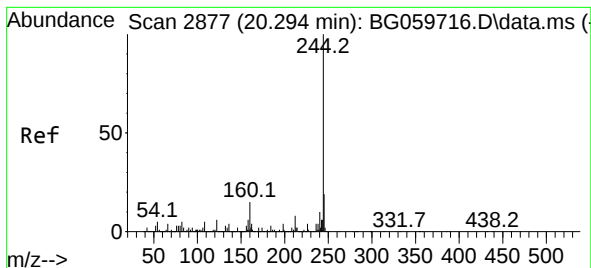
Ion Ratio Lower Upper

240 100

120 2.3 2.2 3.2

236 23.8 19.4 29.2





#79

Terphenyl-d14

Concen: 18.197 ng

RT: 20.298 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG059764.D

Acq: 18 Nov 2023 14:32

Instrument :

BNA_G

ClientSampleId :

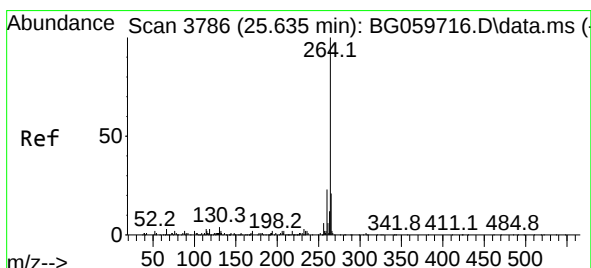
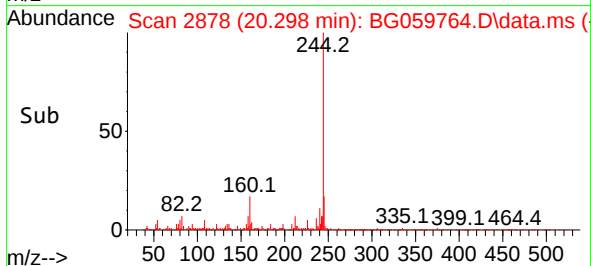
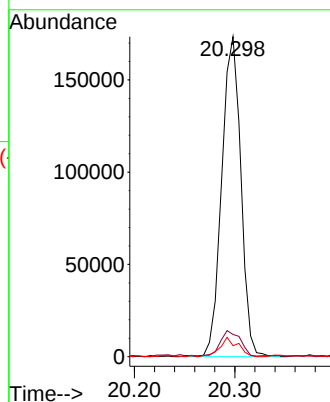
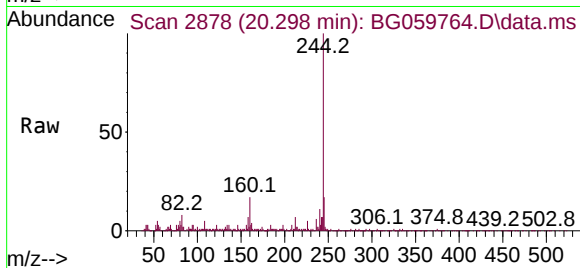
Tgt Ion:244 Resp: 229281

Ion Ratio Lower Upper

244 100

212 7.0 6.6 10.0

122 3.5 4.4 6.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.651 min Scan# 3789

Delta R.T. 0.016 min

Lab File: BG059764.D

Acq: 18 Nov 2023 14:32

Tgt Ion:264 Resp: 178302

Ion Ratio Lower Upper

264 100

260 28.0 18.5 27.7#

265 23.9 17.0 25.6

