

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
 Data File : BG059765.D
 Acq On : 18 Nov 2023 15:13
 Operator : MA/JU
 Sample : 05385-03 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 20 04:43:59 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)

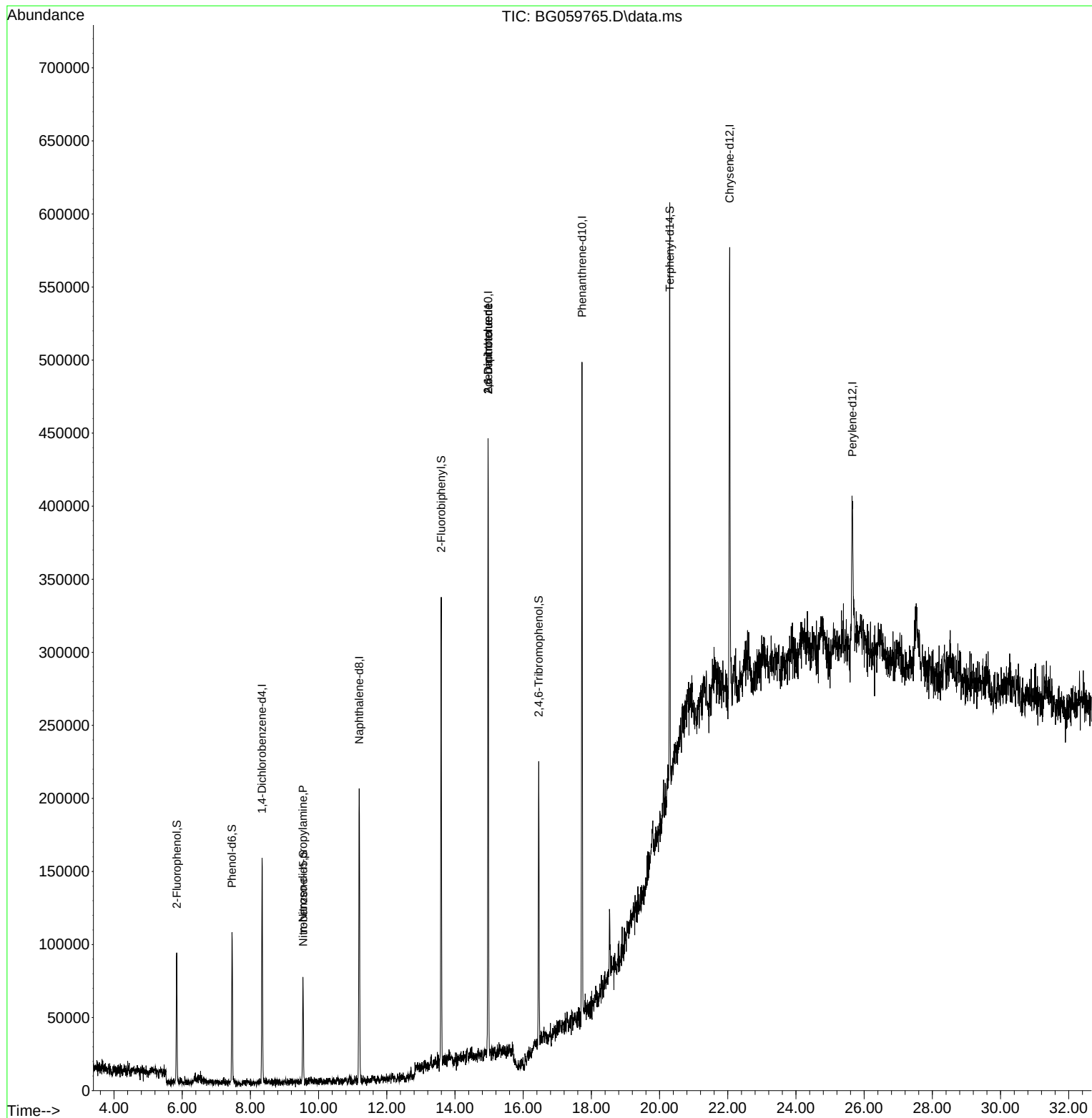
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.342	152	31695	20.000	ng	0.00
21) Naphthalene-d8	11.191	136	137377	20.000	ng	0.00
39) Acenaphthene-d10	14.969	164	121683	20.000	ng	0.00
64) Phenanthrene-d10	17.725	188	237980	20.000	ng	# 0.00
76) Chrysene-d12	22.055	240	173676	20.000	ng	# 0.00
86) Perylene-d12	25.657	264	158368	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.839	112	30892	16.405	ng	0.00
7) Phenol-d6	7.460	99	43902	15.732	ng	0.00
23) Nitrobenzene-d5	9.546	82	44327	12.323	ng	0.00
42) 2,4,6-Tribromophenol	16.456	330	26309	19.056	ng	0.00
45) 2-Fluorobiphenyl	13.594	172	129873	14.366	ng	0.00
79) Terphenyl-d14	20.298	244	151341	12.864	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.540	70	7205	3.279	ng	# 78
51) 2,6-Dinitrotoluene	14.969	165	17627	9.854	ng	# 1
57) 2,4-Dinitrotoluene	14.969	165	17627	6.407	ng	# 3

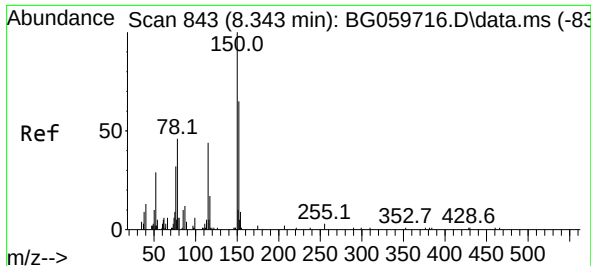
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
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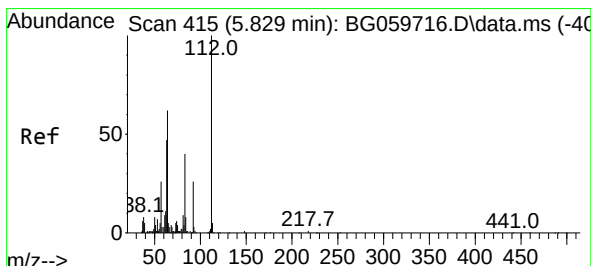
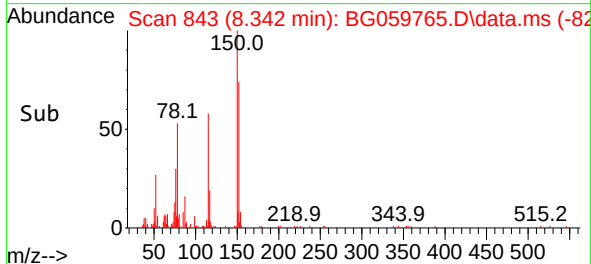
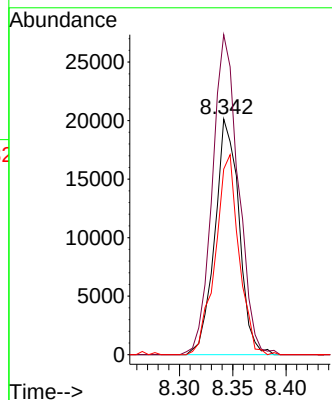
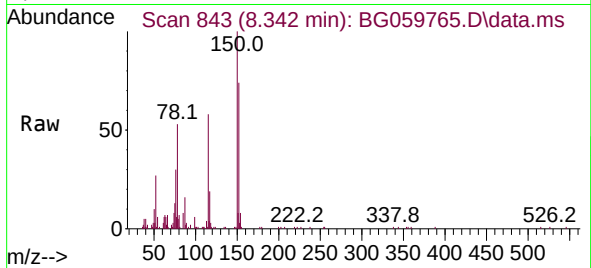




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.342 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG059765.D
Acq: 18 Nov 2023 15:13

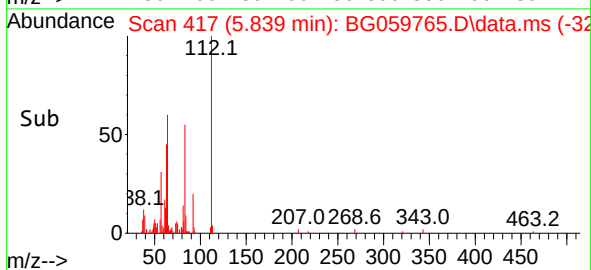
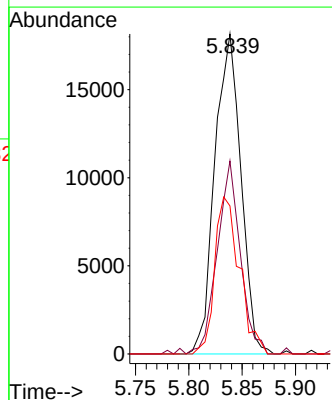
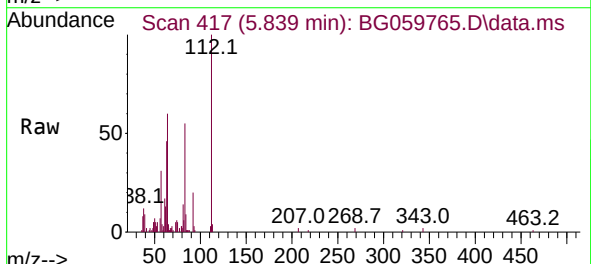
Instrument :
BNA_G
ClientSampleId :

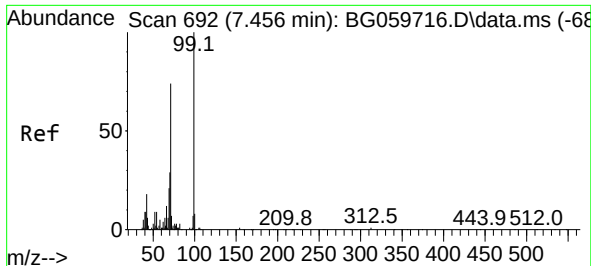
Tgt Ion:152 Resp: 31695
Ion Ratio Lower Upper
152 100
150 135.8 122.2 183.4
115 78.8 54.2 81.4



#5
2-Fluorophenol
Concen: 16.405 ng
RT: 5.839 min Scan# 417
Delta R.T. 0.010 min
Lab File: BG059765.D
Acq: 18 Nov 2023 15:13

Tgt Ion:112 Resp: 30892
Ion Ratio Lower Upper
112 100
64 60.3 49.5 74.3
63 46.3 37.4 56.2

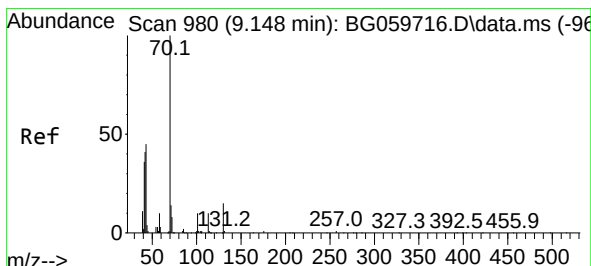
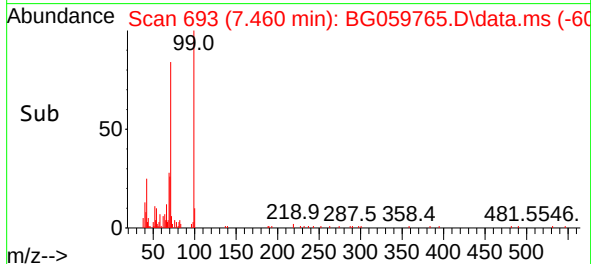
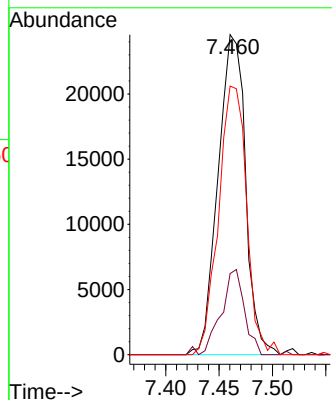
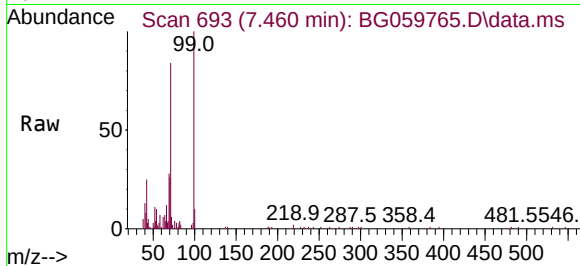




#7
Phenol-d6
Concen: 15.732 ng
RT: 7.460 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG059765.D
Acq: 18 Nov 2023 15:13

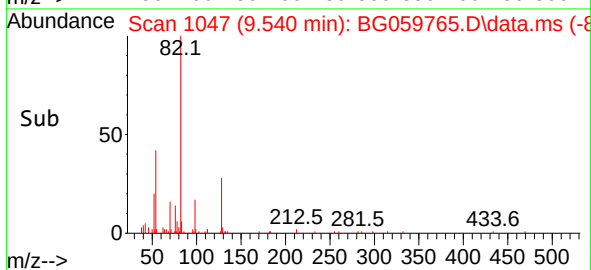
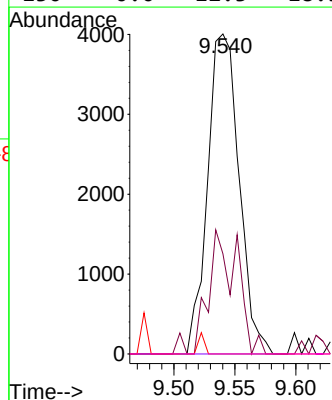
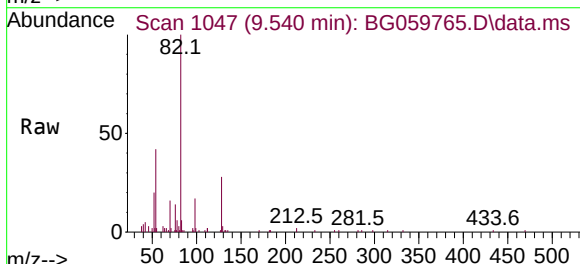
Instrument :
BNA_G
ClientSampleId :

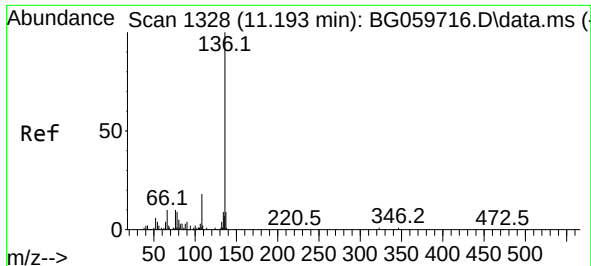
Tgt Ion: 99 Resp: 43902
Ion Ratio Lower Upper
99 100
42 25.4 14.3 21.5#
71 84.0 59.3 88.9



#19
n-Nitroso-di-n-propylamine
Concen: 3.279 ng
RT: 9.540 min Scan# 1047
Delta R.T. 0.392 min
Lab File: BG059765.D
Acq: 18 Nov 2023 15:13

Tgt Ion: 70 Resp: 7205
Ion Ratio Lower Upper
70 100
42 31.3 32.8 49.2#
101 0.0 7.7 11.5#
130 0.0 12.3 18.5#

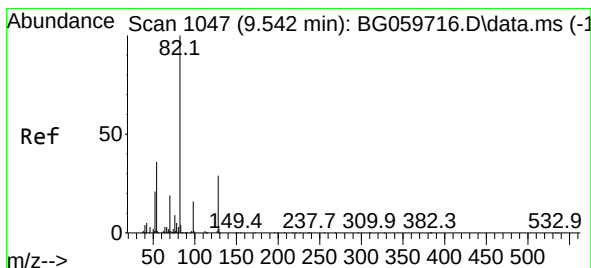
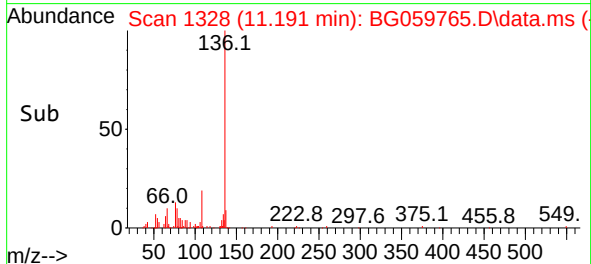
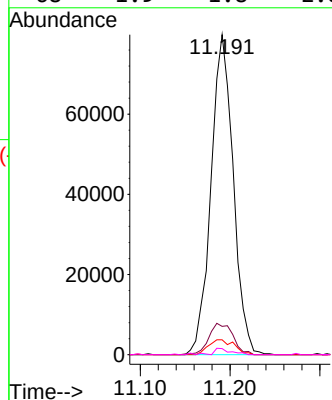
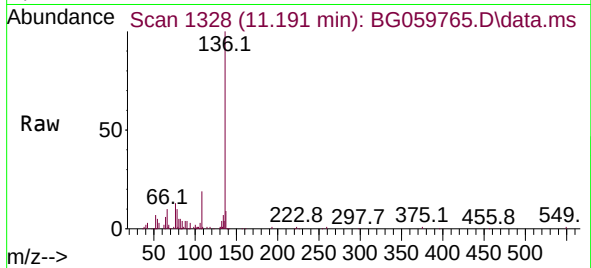




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.191 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG059765.D
Acq: 18 Nov 2023 15:13

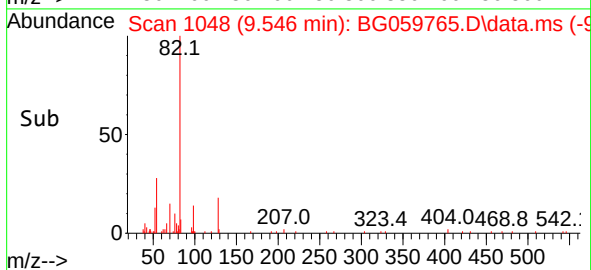
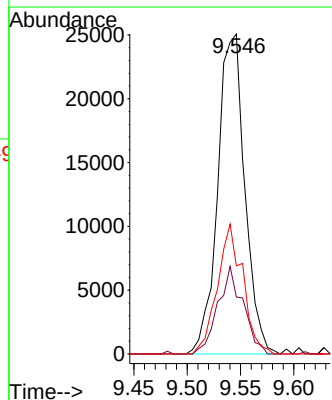
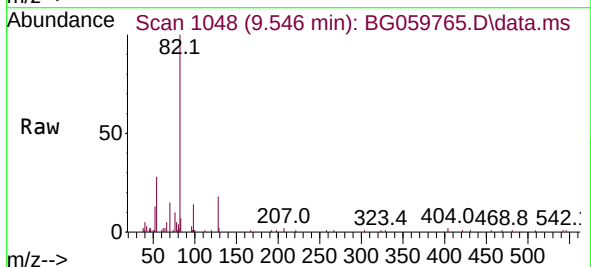
Instrument :
BNA_G
ClientSampleId :

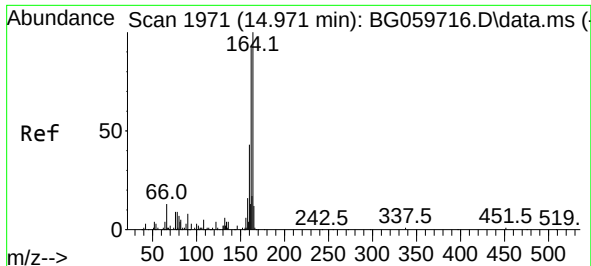
Tgt Ion:136 Resp: 137377
Ion Ratio Lower Upper
136 100
137 8.9 7.4 11.0
54 4.7 3.1 4.7
68 1.9 1.8 2.8



#23
Nitrobenzene-d5
Concen: 12.323 ng
RT: 9.546 min Scan# 1048
Delta R.T. 0.004 min
Lab File: BG059765.D
Acq: 18 Nov 2023 15:13

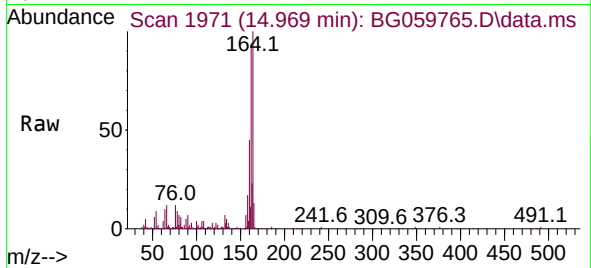
Tgt Ion: 82 Resp: 44327
Ion Ratio Lower Upper
82 100
128 17.8 23.0 34.6#
54 27.6 28.7 43.1#



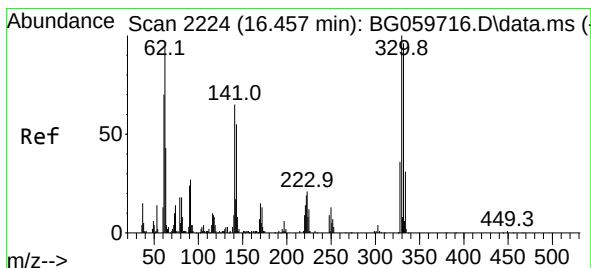
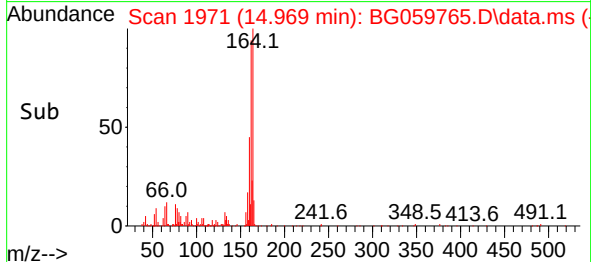
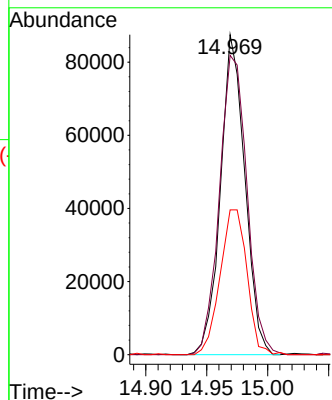


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.969 min Scan# 1971
Delta R.T. -0.002 min
Lab File: BG059765.D
Acq: 18 Nov 2023 15:13

Instrument :
BNA_G
ClientSampleId :

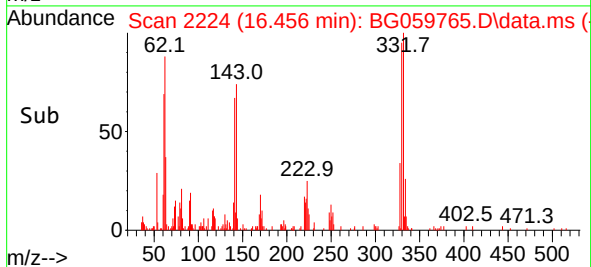
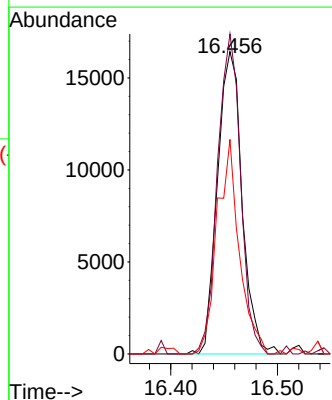
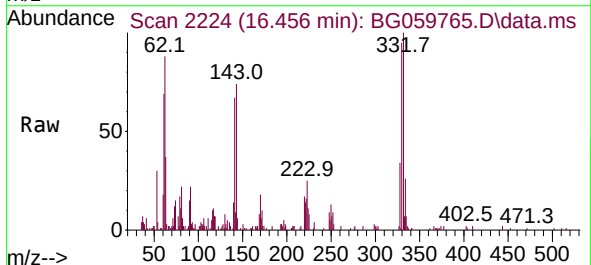


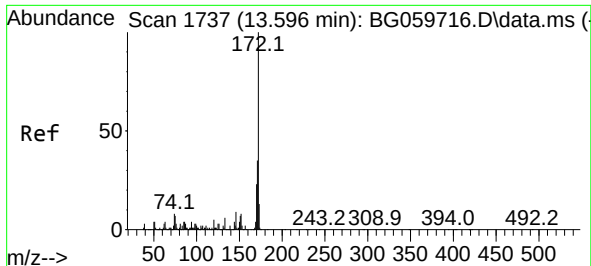
Tgt Ion:164 Resp: 121683
Ion Ratio Lower Upper
164 100
162 93.5 73.3 109.9
160 45.3 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 19.056 ng
RT: 16.456 min Scan# 2224
Delta R.T. -0.002 min
Lab File: BG059765.D
Acq: 18 Nov 2023 15:13

Tgt Ion:330 Resp: 26309
Ion Ratio Lower Upper
330 100
332 98.8 73.3 109.9
141 64.3 52.1 78.1

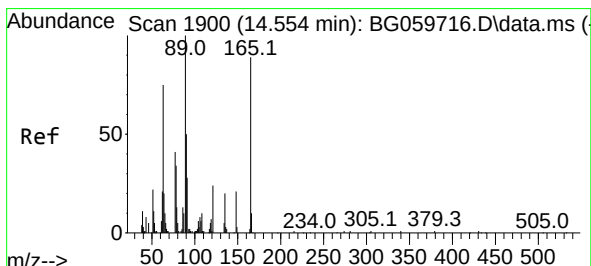
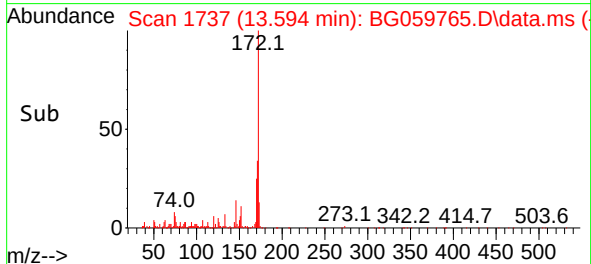
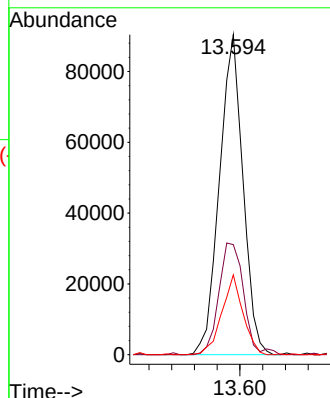
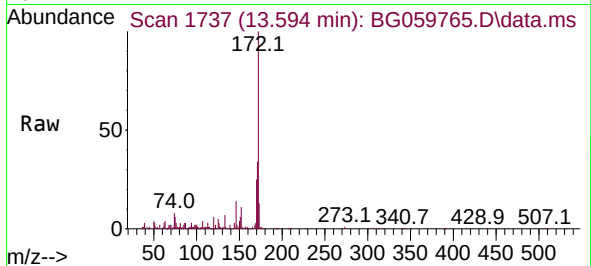




#45
2-Fluorobiphenyl
Concen: 14.366 ng
RT: 13.594 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG059765.D
Acq: 18 Nov 2023 15:13

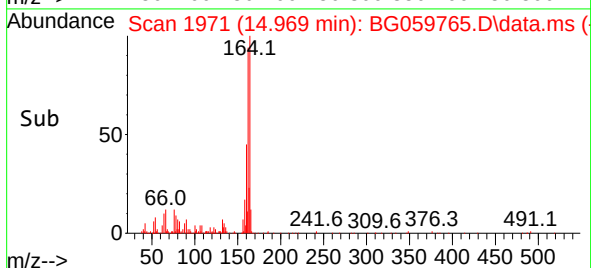
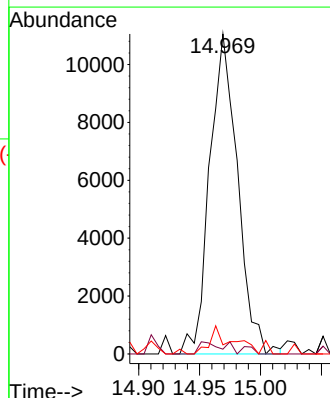
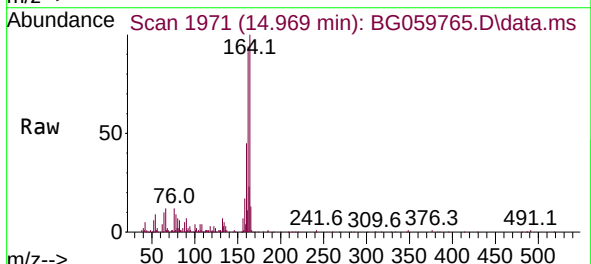
Instrument :
BNA_G
ClientSampleId :

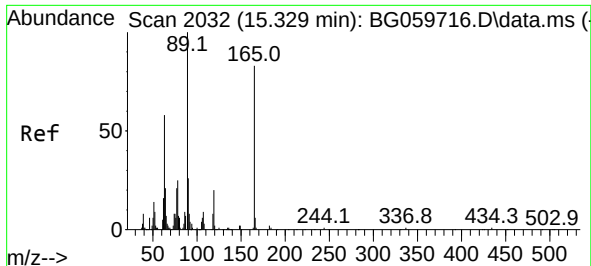
Tgt Ion:172 Resp: 129873
Ion Ratio Lower Upper
172 100
171 34.4 27.7 41.5
170 24.9 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 9.854 ng
RT: 14.969 min Scan# 1971
Delta R.T. 0.415 min
Lab File: BG059765.D
Acq: 18 Nov 2023 15:13

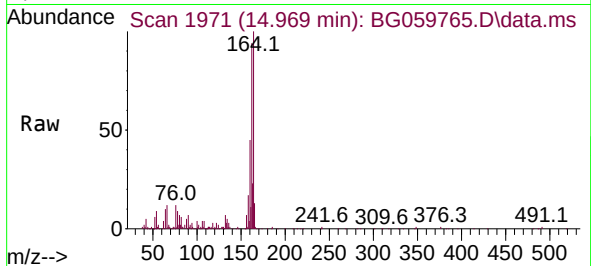
Tgt Ion:165 Resp: 17627
Ion Ratio Lower Upper
165 100
63 1.5 75.3 112.9#
89 2.9 90.9 136.3#



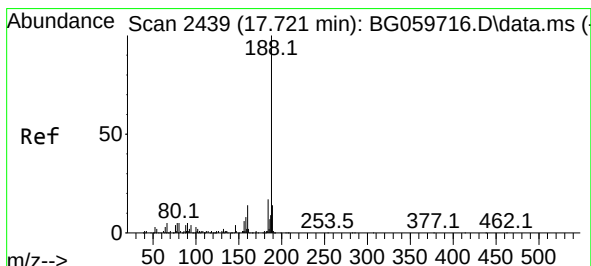
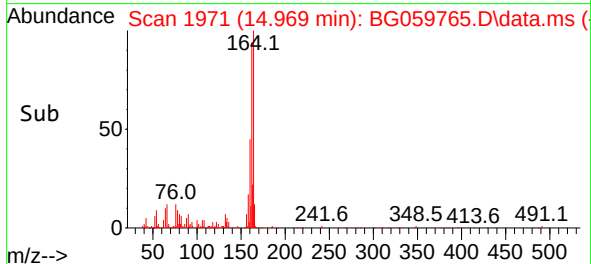
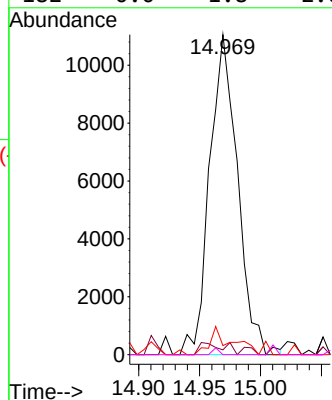


#57
2,4-Dinitrotoluene
Concen: 6.407 ng
RT: 14.969 min Scan# 1971
Delta R.T. -0.360 min
Lab File: BG059765.D
Acq: 18 Nov 2023 15:13

Instrument :
BNA_G
ClientSampleId :

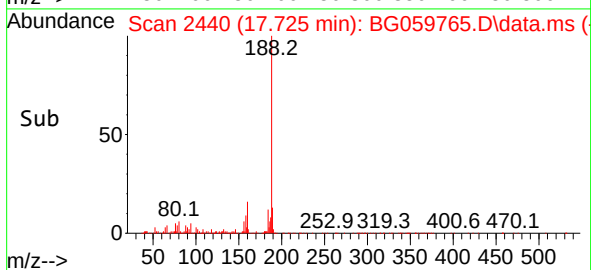
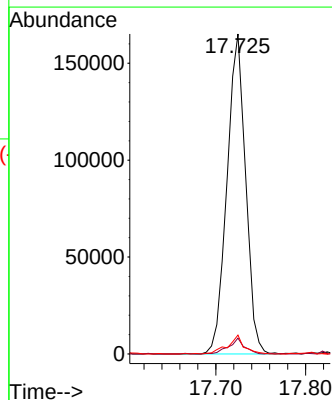
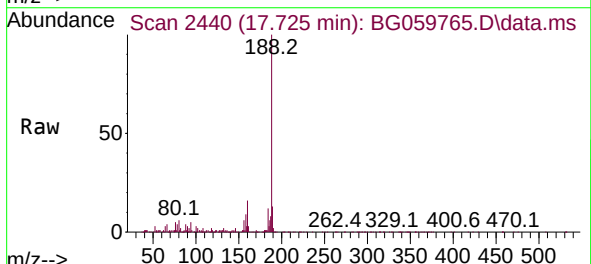


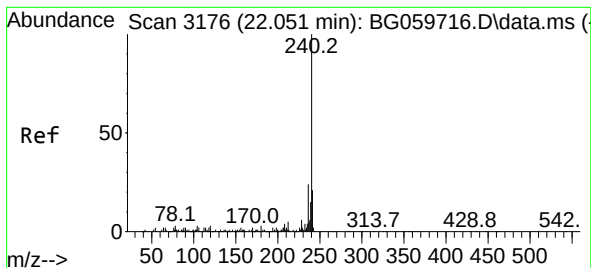
Tgt Ion:165 Resp: 17627
Ion Ratio Lower Upper
165 100
63 1.5 55.8 83.8#
89 2.9 96.9 145.3#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.725 min Scan# 2440
Delta R.T. 0.004 min
Lab File: BG059765.D
Acq: 18 Nov 2023 15:13

Tgt Ion:188 Resp: 237980
Ion Ratio Lower Upper
188 100
94 5.0 3.0 4.4#
80 5.9 4.2 6.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.055 min Scan# 3176

Delta R.T. 0.004 min

Lab File: BG059765.D

Acq: 18 Nov 2023 15:13

Instrument :

BNA_G

ClientSampleId :

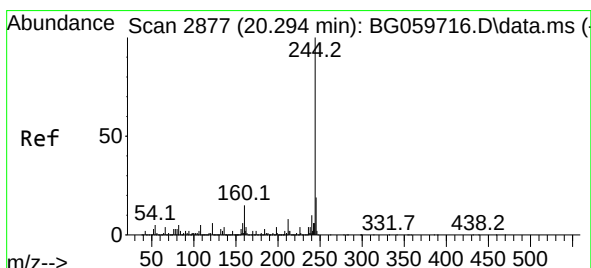
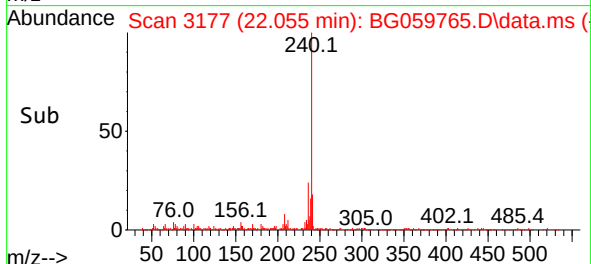
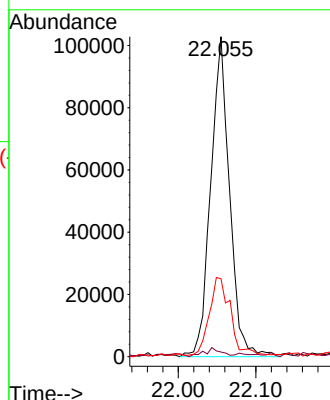
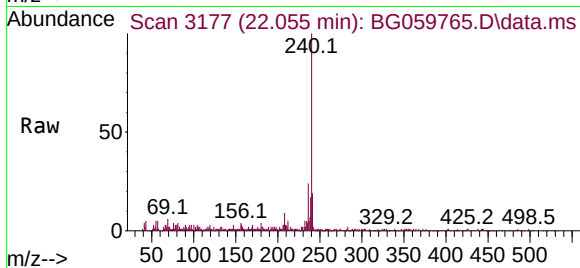
Tgt Ion:240 Resp: 173676

Ion Ratio Lower Upper

240 100

120 1.5 2.2 3.2#

236 24.4 19.4 29.2



#79

Terphenyl-d14

Concen: 12.864 ng

RT: 20.298 min Scan# 2878

Delta R.T. 0.004 min

Lab File: BG059765.D

Acq: 18 Nov 2023 15:13

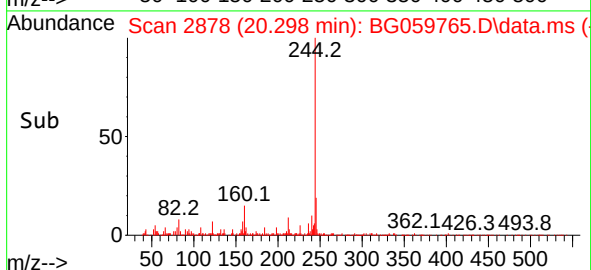
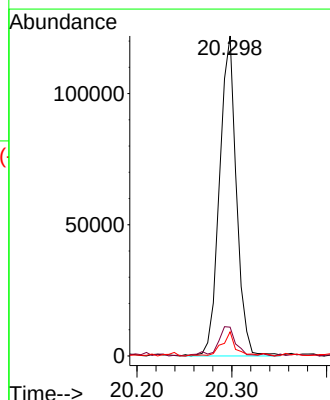
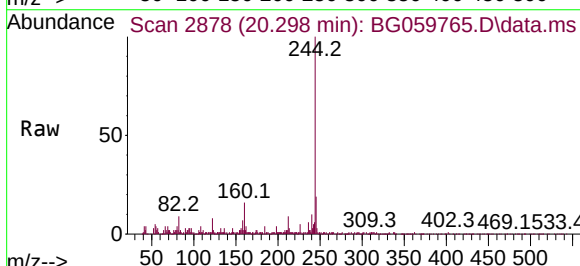
Tgt Ion:244 Resp: 151341

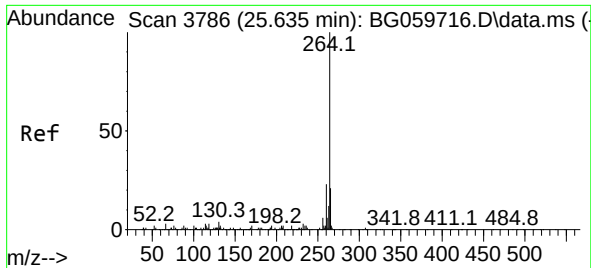
Ion Ratio Lower Upper

244 100

212 9.0 6.6 10.0

122 7.6 4.4 6.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.657 min Scan# 31
 Delta R.T. 0.022 min
 Lab File: BG059765.D
 Acq: 18 Nov 2023 15:13

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:264 Resp: 158368
 Ion Ratio Lower Upper
 264 100
 260 25.8 18.5 27.7
 265 19.1 17.0 25.6

