

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112223\
 Data File : BG059851.D
 Acq On : 23 Nov 2023 14:00
 Operator : MA/JU
 Sample : 05432-09 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-8

Quant Time: Nov 24 00:20:21 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)

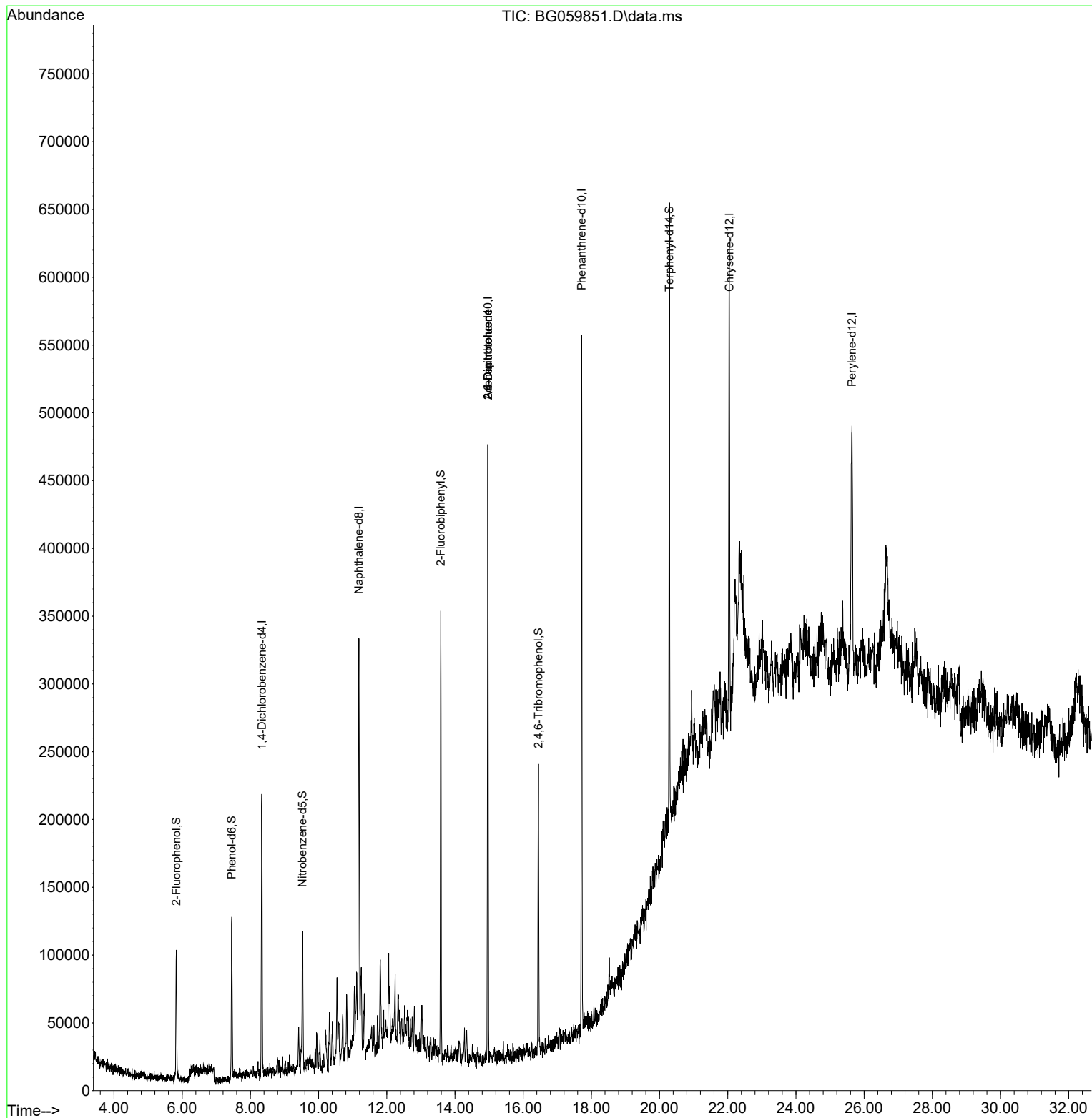
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.338	152	44871	20.000	ng	0.00
21) Naphthalene-d8	11.182	136	196258	20.000	ng	#-0.01
39) Acenaphthene-d10	14.965	164	141069	20.000	ng	0.00
64) Phenanthrene-d10	17.715	188	278912	20.000	ng	0.00
76) Chrysene-d12	22.045	240	204006	20.000	ng	# 0.00
86) Perylene-d12	25.641	264	241629	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.829	112	36954	13.862	ng	0.00
7) Phenol-d6	7.451	99	53129	13.448	ng	0.00
23) Nitrobenzene-d5	9.531	82	64149	12.483	ng	-0.01
42) 2,4,6-Tribromophenol	16.452	330	28029	17.512	ng	0.00
45) 2-Fluorobiphenyl	13.585	172	132685	12.660	ng	-0.01
79) Terphenyl-d14	20.289	244	171010	12.375	ng	0.00
Target Compounds						
51) 2,6-Dinitrotoluene	14.965	165	19685	9.492	ng	# 5
57) 2,4-Dinitrotoluene	14.965	165	19685	6.172	ng	# 8

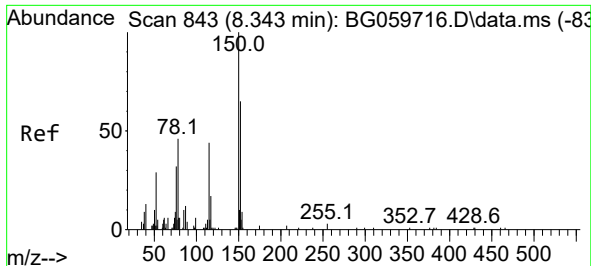
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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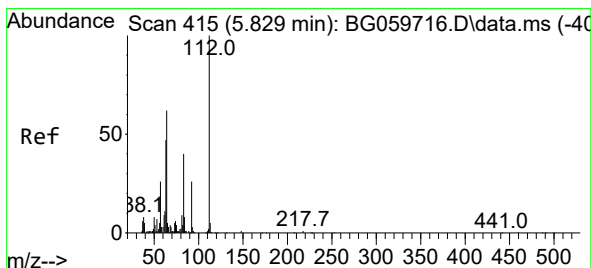
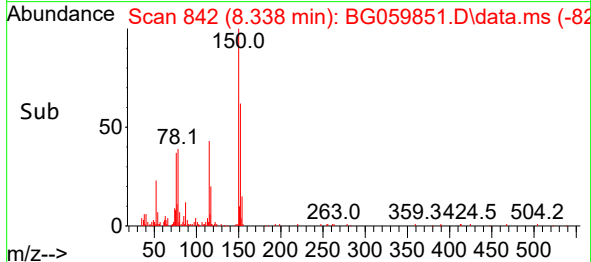
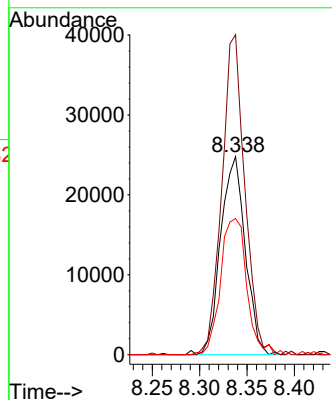
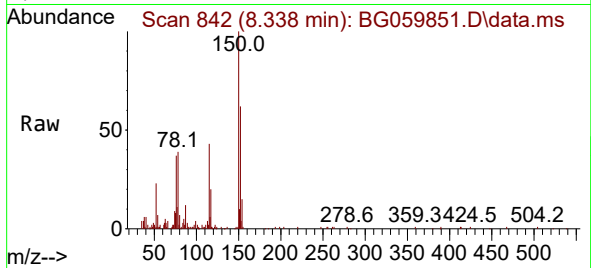




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.338 min Scan# 843
Delta R.T. -0.005 min
Lab File: BG059851.D
Acq: 23 Nov 2023 14:00

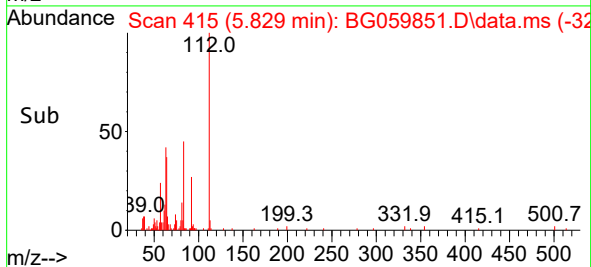
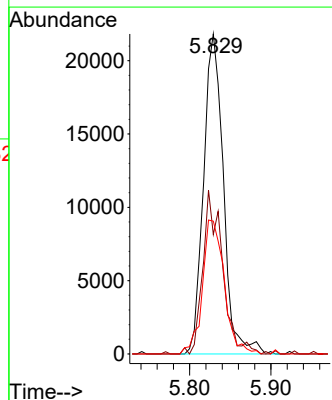
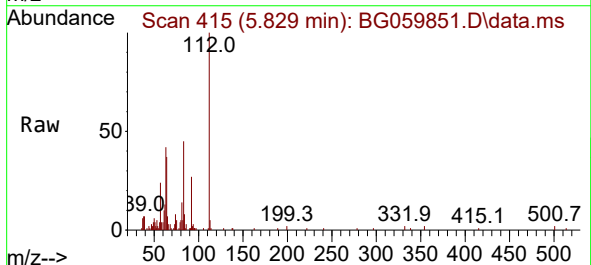
Instrument :
BNA_G
ClientSampleId :
TP-8

Tgt Ion:152 Resp: 44871
Ion Ratio Lower Upper
152 100
150 161.5 122.2 183.4
115 68.7 54.2 81.4



#5
2-Fluorophenol
Concen: 13.862 ng
RT: 5.829 min Scan# 415
Delta R.T. 0.000 min
Lab File: BG059851.D
Acq: 23 Nov 2023 14:00

Tgt Ion:112 Resp: 36954
Ion Ratio Lower Upper
112 100
64 37.4 49.5 74.3#
63 41.5 37.4 56.2

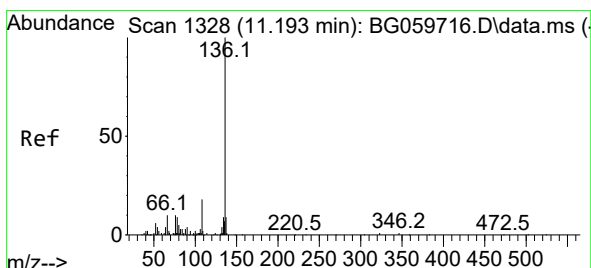
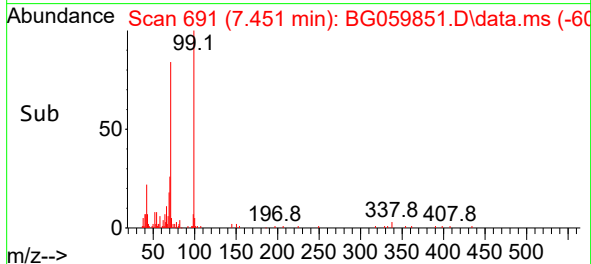
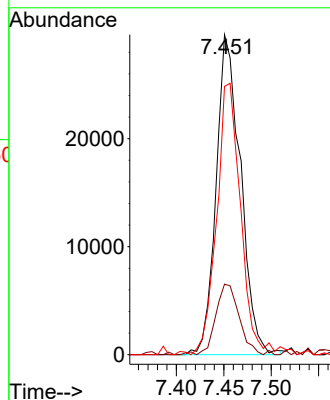
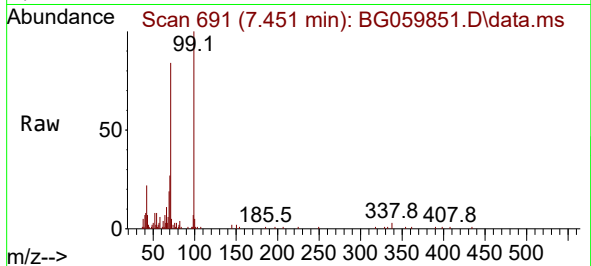




#7
Phenol-d6
Concen: 13.448 ng
RT: 7.451 min Scan# 691
Delta R.T. -0.005 min
Lab File: BG059851.D
Acq: 23 Nov 2023 14:00

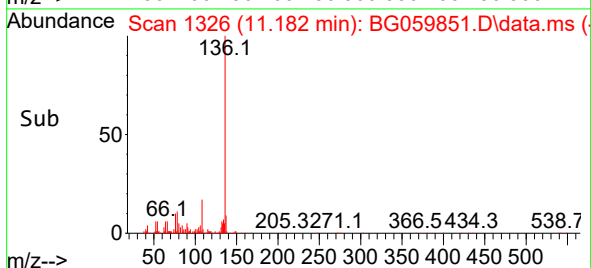
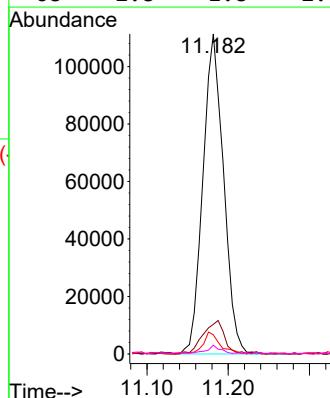
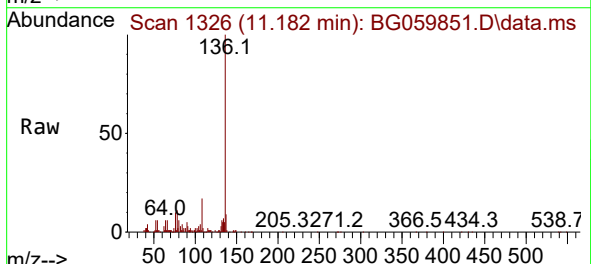
Instrument :
BNA_G
ClientSampleId :
TP-8

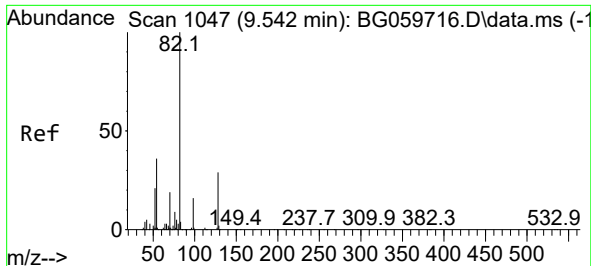
Tgt Ion: 99 Resp: 53129
Ion Ratio Lower Upper
99 100
42 22.1 14.3 21.5#
71 83.8 59.3 88.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.182 min Scan# 1326
Delta R.T. -0.011 min
Lab File: BG059851.D
Acq: 23 Nov 2023 14:00

Tgt Ion:136 Resp: 196258
Ion Ratio Lower Upper
136 100
137 9.2 7.4 11.0
54 6.0 3.1 4.7#
68 2.8 1.8 2.8#

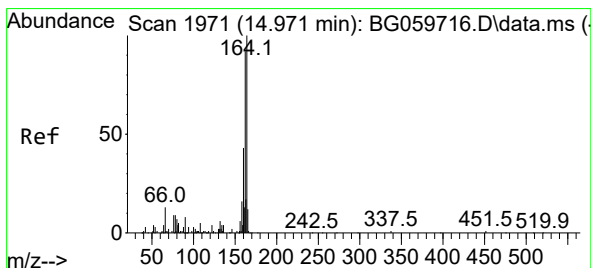
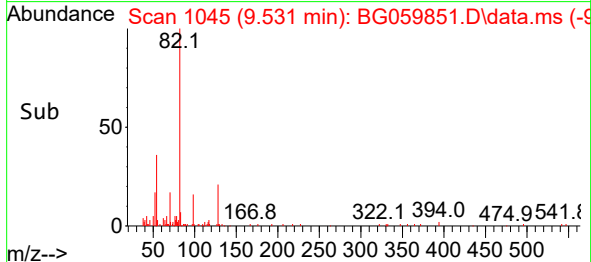
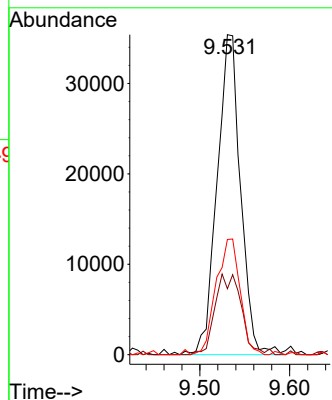
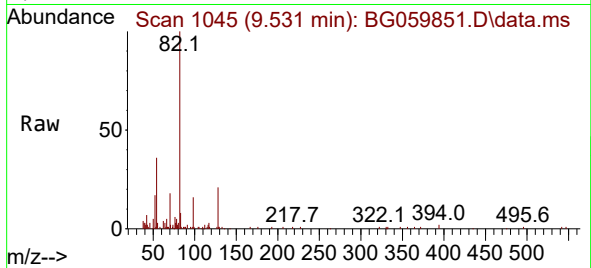




#23
Nitrobenzene-d5
Concen: 12.483 ng
RT: 9.531 min Scan# 1045
Delta R.T. -0.011 min
Lab File: BG059851.D
Acq: 23 Nov 2023 14:00

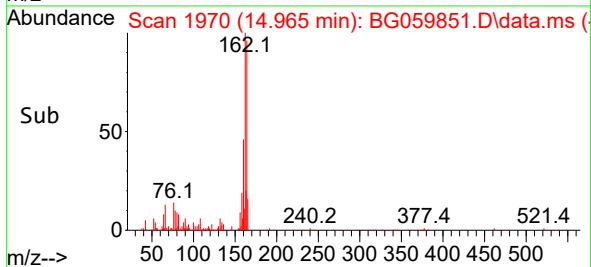
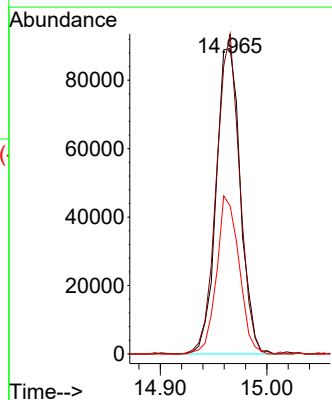
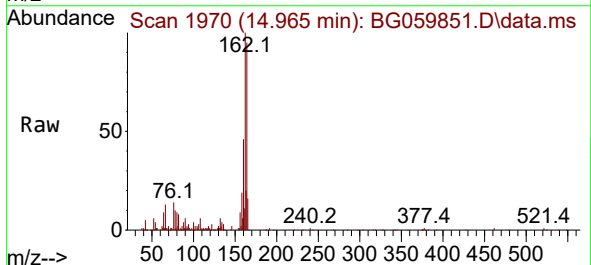
Instrument :
BNA_G
ClientSampleId :
TP-8

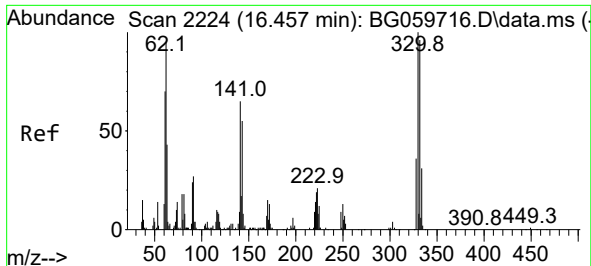
Tgt Ion: 82 Resp: 64149
Ion Ratio Lower Upper
82 100
128 20.6 23.0 34.6#
54 36.0 28.7 43.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.965 min Scan# 1970
Delta R.T. -0.005 min
Lab File: BG059851.D
Acq: 23 Nov 2023 14:00

Tgt Ion: 164 Resp: 141069
Ion Ratio Lower Upper
164 100
162 104.8 73.3 109.9
160 48.5 34.1 51.1

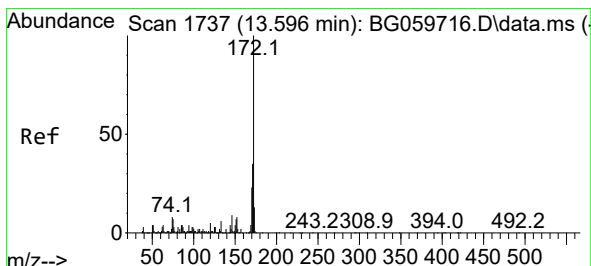
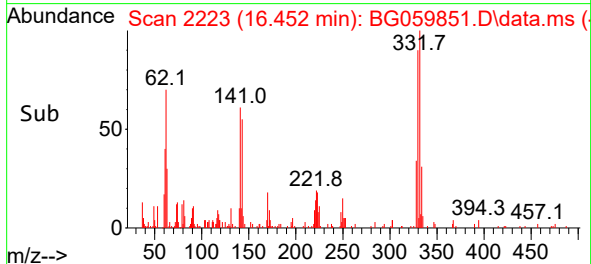
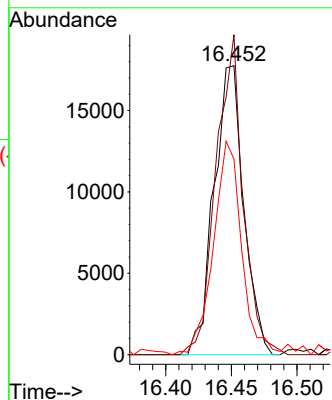
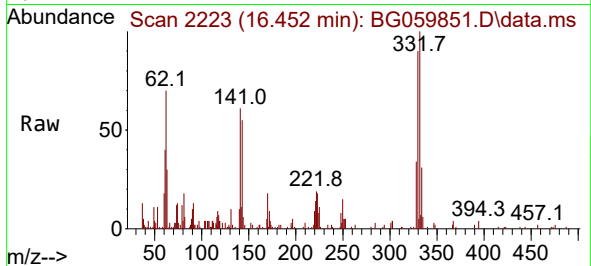




#42
2,4,6-Tribromophenol
Concen: 17.512 ng
RT: 16.452 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG059851.D
Acq: 23 Nov 2023 14:00

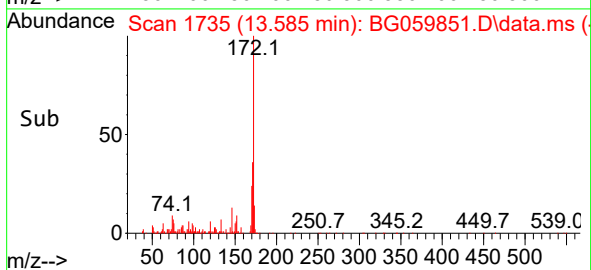
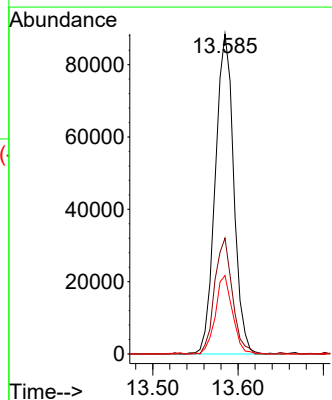
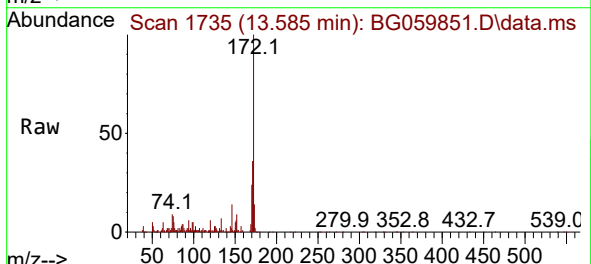
Instrument :
BNA_G
ClientSampleId :
TP-8

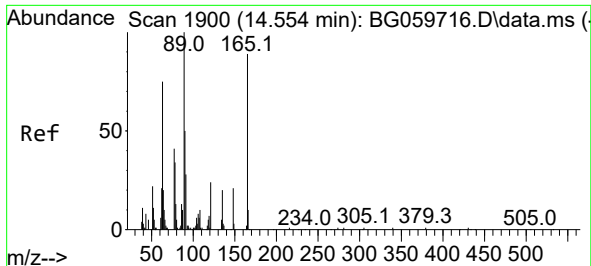
Tgt Ion:330 Resp: 28029
Ion Ratio Lower Upper
330 100
332 100.6 73.3 109.9
141 69.8 52.1 78.1



#45
2-Fluorobiphenyl
Concen: 12.660 ng
RT: 13.585 min Scan# 1735
Delta R.T. -0.011 min
Lab File: BG059851.D
Acq: 23 Nov 2023 14:00

Tgt Ion:172 Resp: 132685
Ion Ratio Lower Upper
172 100
171 36.2 27.7 41.5
170 24.5 18.4 27.6

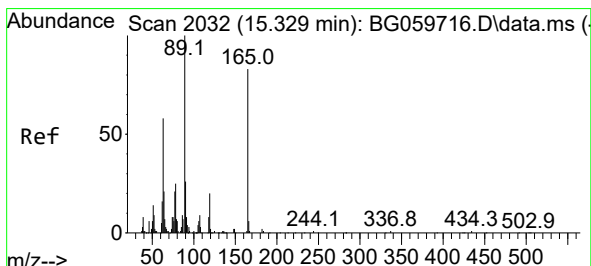
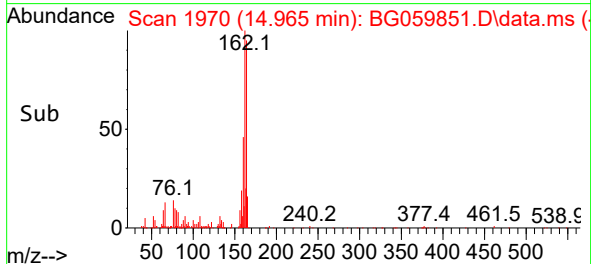
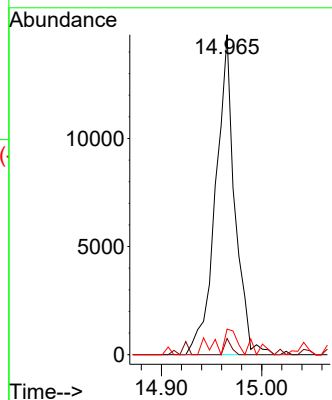
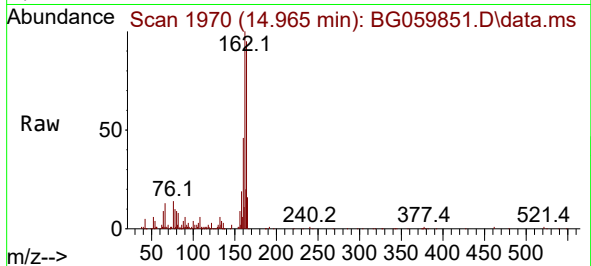




#51
2,6-Dinitrotoluene
Concen: 9.492 ng
RT: 14.965 min Scan# 1900
Delta R.T. 0.412 min
Lab File: BG059851.D
Acq: 23 Nov 2023 14:00

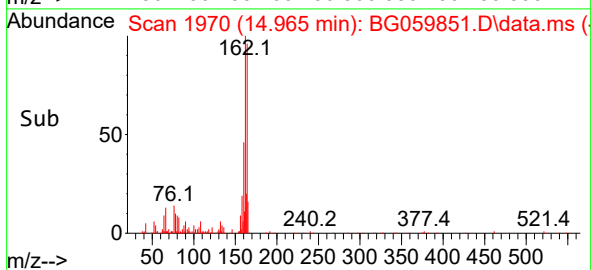
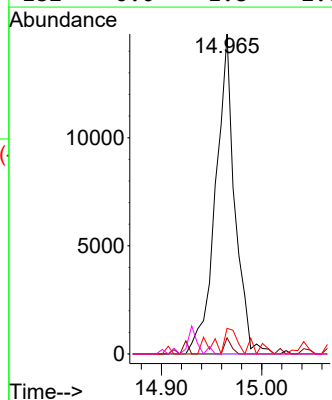
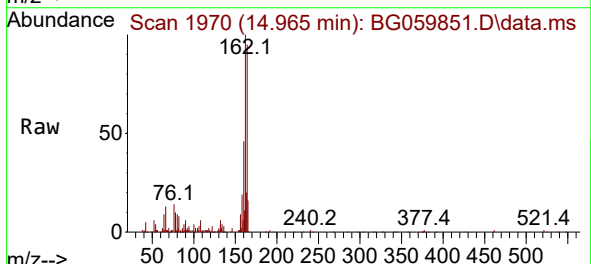
Instrument :
BNA_G
ClientSampleId :
TP-8

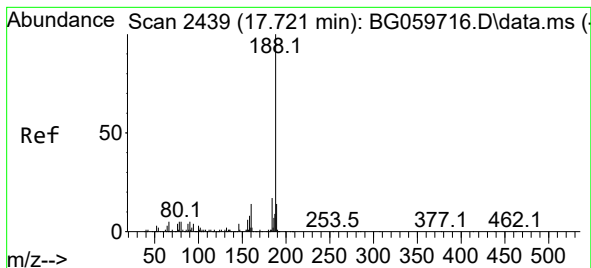
Tgt Ion:165 Resp: 19685
Ion Ratio Lower Upper
165 100
63 5.1 75.3 112.9#
89 8.0 90.9 136.3#



#57
2,4-Dinitrotoluene
Concen: 6.172 ng
RT: 14.965 min Scan# 1970
Delta R.T. -0.364 min
Lab File: BG059851.D
Acq: 23 Nov 2023 14:00

Tgt Ion:165 Resp: 19685
Ion Ratio Lower Upper
165 100
63 5.1 55.8 83.8#
89 8.0 96.9 145.3#
182 0.0 1.8 2.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.715 min Scan# 2438

Delta R.T. -0.005 min

Lab File: BG059851.D

Acq: 23 Nov 2023 14:00

Instrument :

BNA_G

ClientSampleId :

TP-8

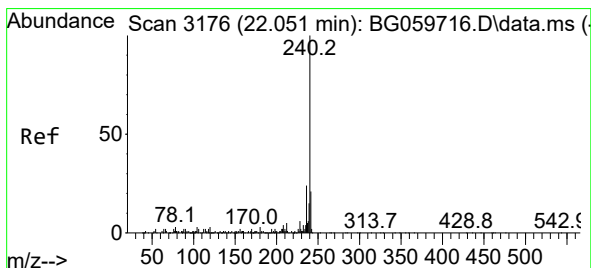
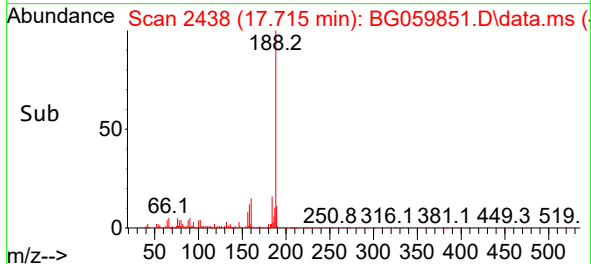
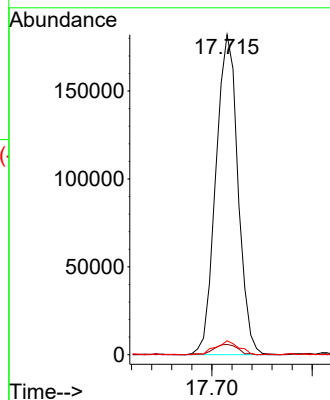
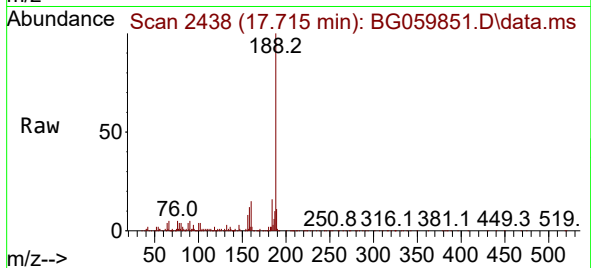
Tgt Ion:188 Resp: 278912

Ion Ratio Lower Upper

188 100

94 3.2 3.0 4.4

80 4.4 4.2 6.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.045 min Scan# 3175

Delta R.T. -0.005 min

Lab File: BG059851.D

Acq: 23 Nov 2023 14:00

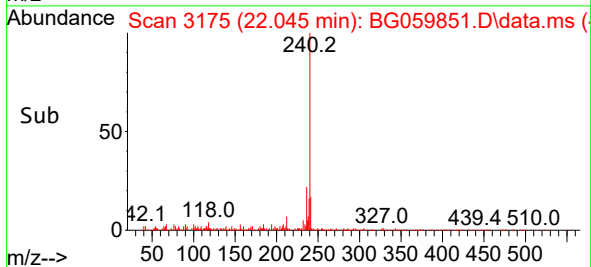
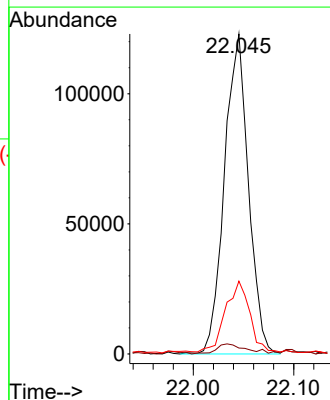
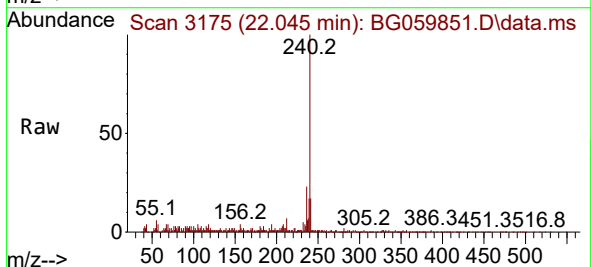
Tgt Ion:240 Resp: 204006

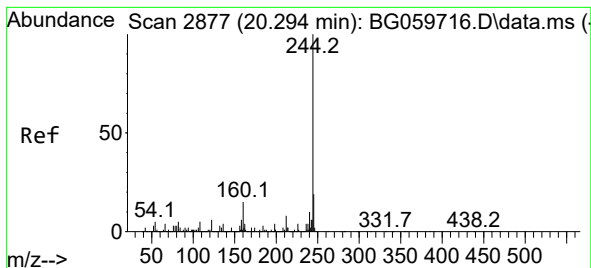
Ion Ratio Lower Upper

240 100

120 1.9 2.2 3.2#

236 22.8 19.4 29.2





#79

Terphenyl-d14

Concen: 12.375 ng

RT: 20.289 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG059851.D

Acq: 23 Nov 2023 14:00

Instrument :

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ClientSampleId :

TP-8

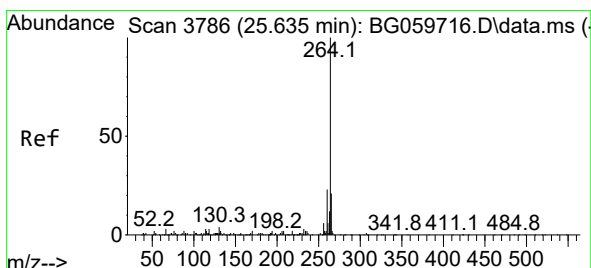
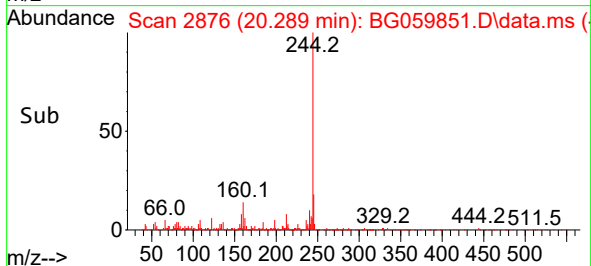
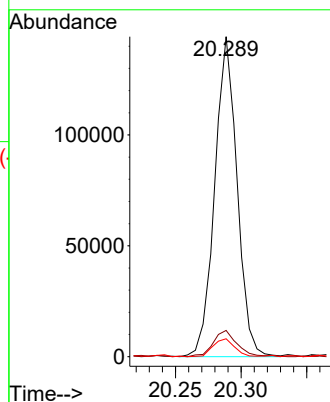
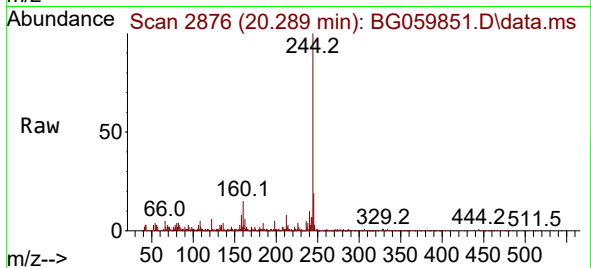
Tgt Ion:244 Resp: 171010

Ion Ratio Lower Upper

244 100

212 8.2 6.6 10.0

122 5.6 4.4 6.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.641 min Scan# 3787

Delta R.T. 0.006 min

Lab File: BG059851.D

Acq: 23 Nov 2023 14:00

Tgt Ion:264 Resp: 241629

Ion Ratio Lower Upper

264 100

260 24.4 18.5 27.7

265 26.2 17.0 25.6#

