

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120423\
 Data File : BG059944.D
 Acq On : 4 Dec 2023 23:27
 Operator : MA/JU
 Sample : PB157138BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157233BL

Quant Time: Dec 05 03:22:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 05 02:26:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

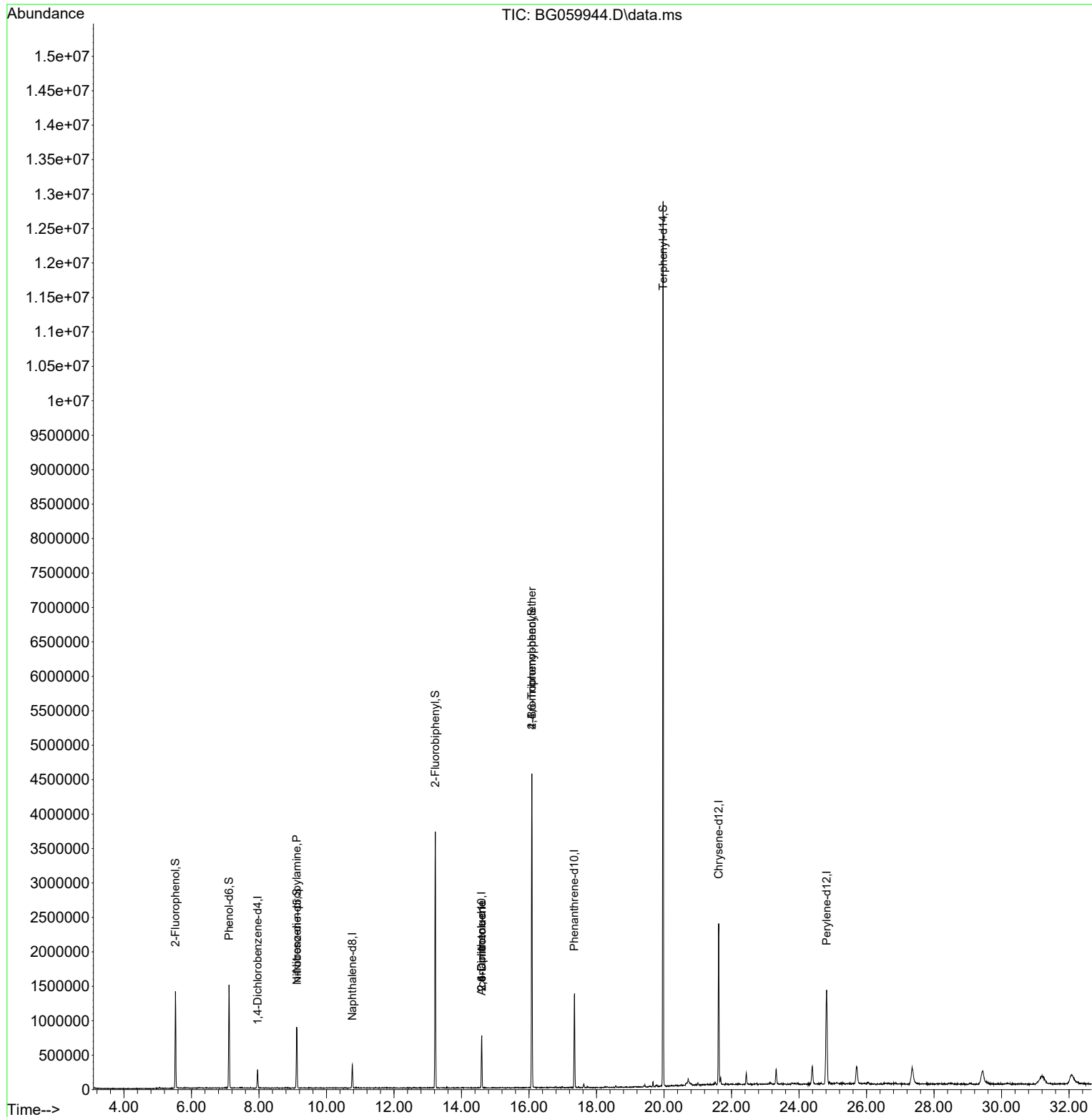
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	67933	20.000	ng	# 0.00
21) Naphthalene-d8	10.761	136	246479	20.000	ng	# 0.00
39) Acenaphthene-d10	14.592	164	255510	20.000	ng	0.00
64) Phenanthrene-d10	17.342	188	977487	20.000	ng	# 0.00
76) Chrysene-d12	21.619	240	1550957	20.000	ng	0.00
86) Perylene-d12	24.815	264	1780377	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	492221	145.583	ng	0.00
7) Phenol-d6	7.113	99	690365	129.550	ng	0.00
23) Nitrobenzene-d5	9.122	82	538591	78.112	ng	0.00
42) 2,4,6-Tribromophenol	16.084	330	1118310	136.034	ng	0.00
45) 2-Fluorobiphenyl	13.223	172	1905106	81.323	ng	0.00
79) Terphenyl-d14	19.974	244	5985542	66.529	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.116	70	84871	21.252	ng	# 89
51) 2,6-Dinitrotoluene	14.598	165	37411	7.850	ng	# 20
57) 2,4-Dinitrotoluene	14.598	165	37411	5.645	ng	# 25
67) 4-Bromophenyl-phenylether	16.084	248	58907	3.517	ng	# 1

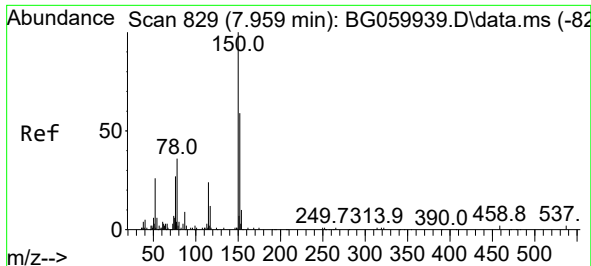
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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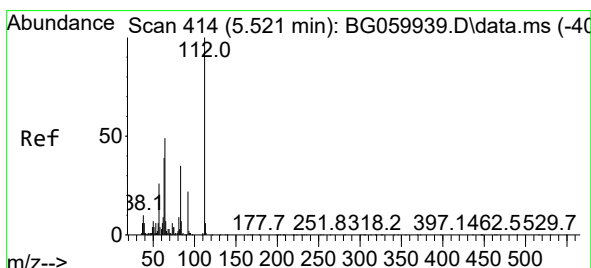
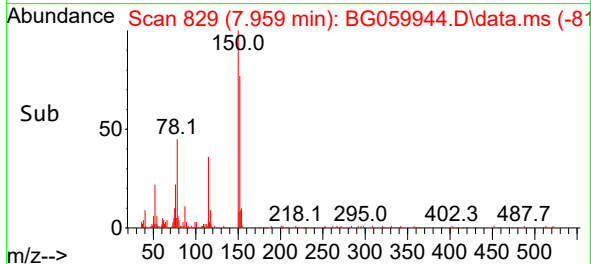
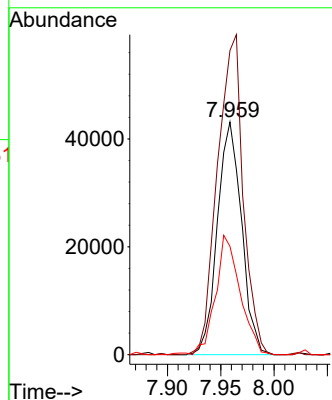
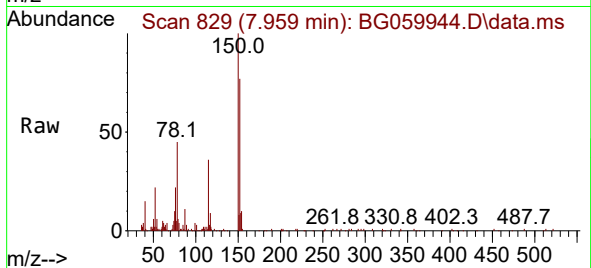




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.959 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG059944.D
Acq: 4 Dec 2023 23:27

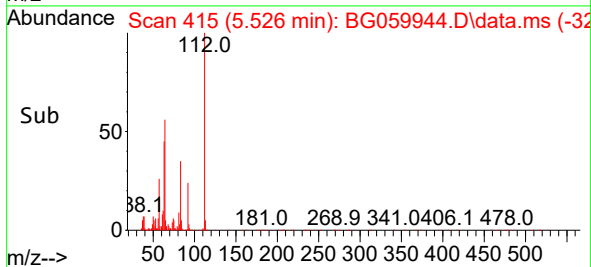
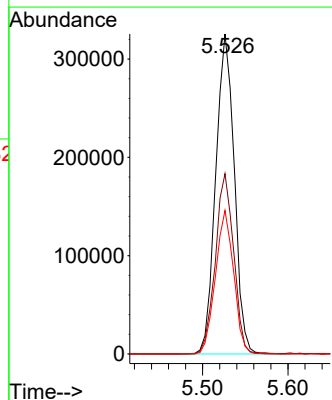
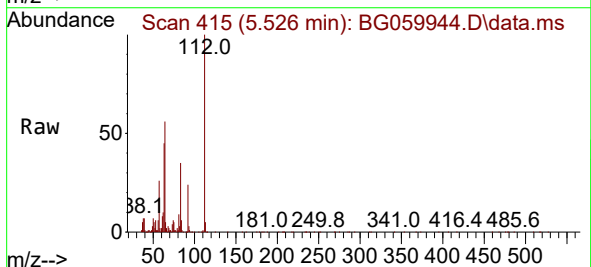
Instrument :
BNA_G
ClientSampleId :
PB157233BL

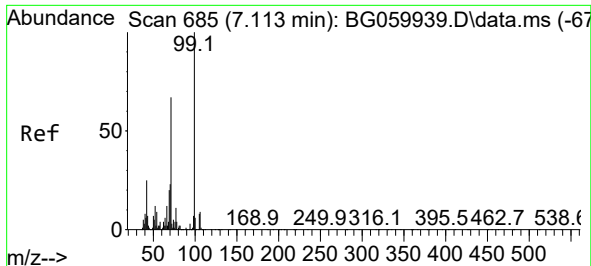
Tgt Ion:152 Resp: 67933
Ion Ratio Lower Upper
152 100
150 130.7 136.9 205.3#
115 46.5 32.9 49.3



#5
2-Fluorophenol
Concen: 145.583 ng
RT: 5.526 min Scan# 415
Delta R.T. 0.005 min
Lab File: BG059944.D
Acq: 4 Dec 2023 23:27

Tgt Ion:112 Resp: 492221
Ion Ratio Lower Upper
112 100
64 56.4 39.4 59.0
63 44.9 31.2 46.8

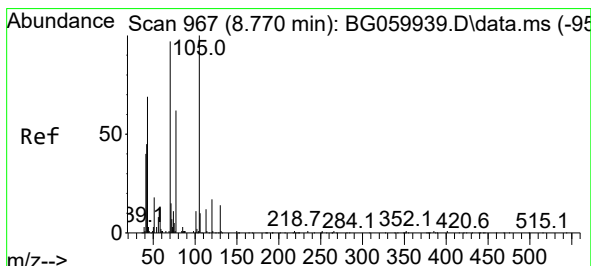
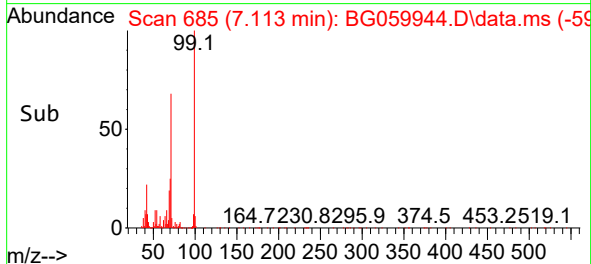
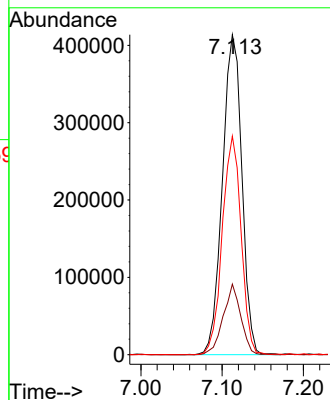
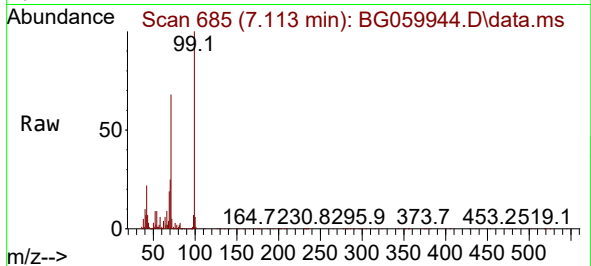




#7
Phenol-d6
Concen: 129.550 ng
RT: 7.113 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG059944.D
Acq: 4 Dec 2023 23:27

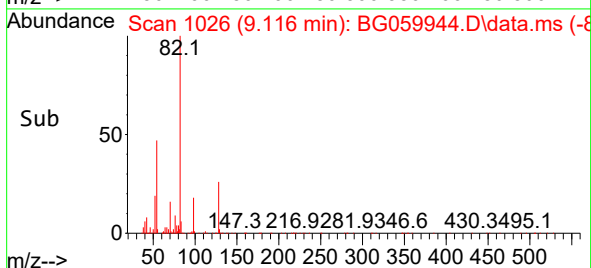
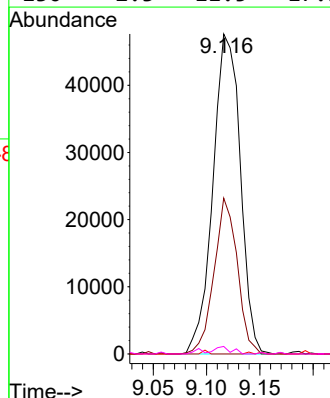
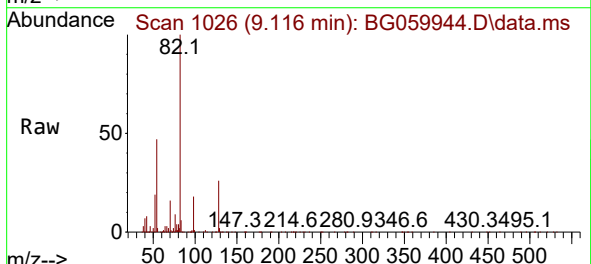
Instrument :
BNA_G
ClientSampleId :
PB157233BL

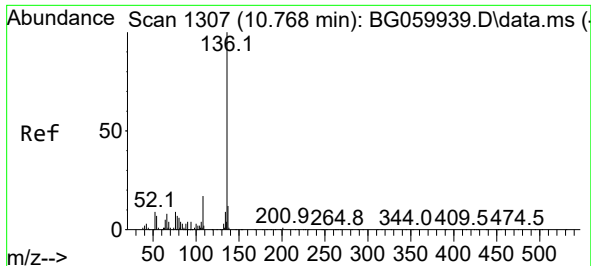
Tgt Ion: 99 Resp: 690365
Ion Ratio Lower Upper
99 100
42 22.0 20.1 30.1
71 68.3 53.8 80.6



#19
n-Nitroso-di-n-propylamine
Concen: 21.252 ng
RT: 9.116 min Scan# 1026
Delta R.T. 0.346 min
Lab File: BG059944.D
Acq: 4 Dec 2023 23:27

Tgt Ion: 70 Resp: 84871
Ion Ratio Lower Upper
70 100
42 48.7 38.1 57.1
101 0.0 8.6 13.0#
130 2.3 11.5 17.3#

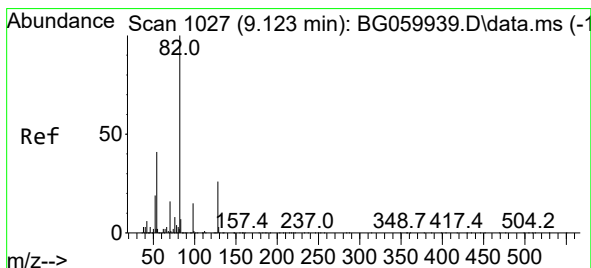
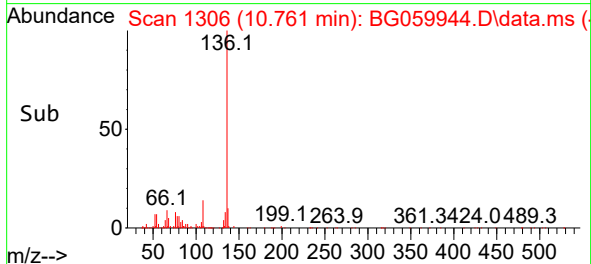
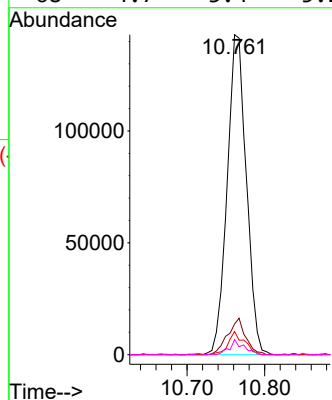
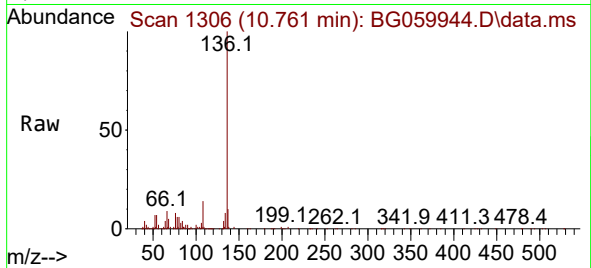




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.761 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BG059944.D
Acq: 4 Dec 2023 23:27

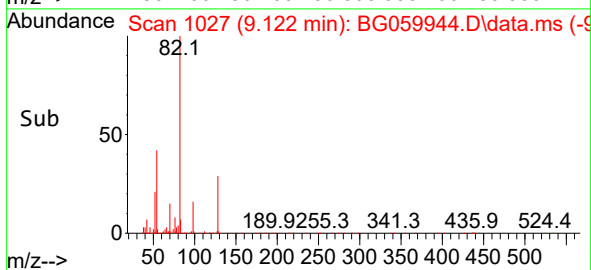
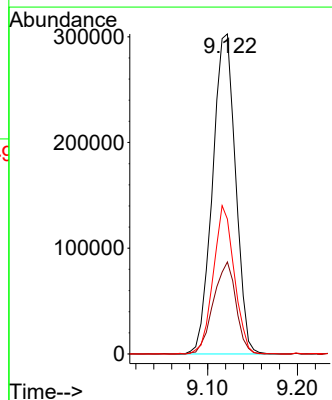
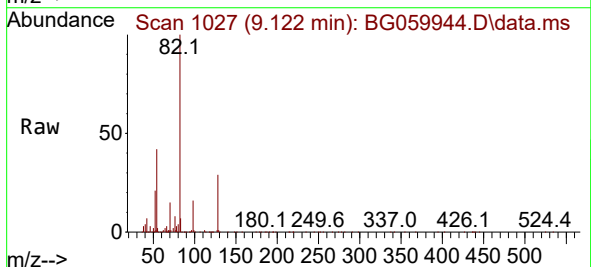
Instrument :
BNA_G
ClientSampleId :
PB157233BL

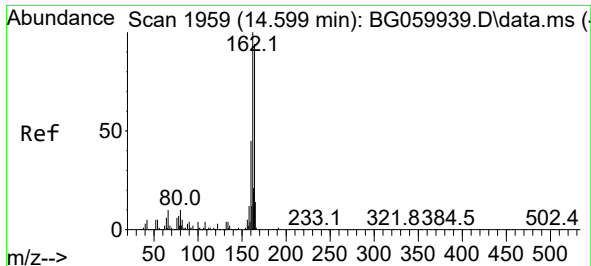
Tgt Ion:136 Resp: 246479
Ion Ratio Lower Upper
136 100
137 9.6 9.8 14.6#
54 7.3 5.8 8.6
68 4.7 3.4 5.2



#23
Nitrobenzene-d5
Concen: 78.112 ng
RT: 9.122 min Scan# 1027
Delta R.T. -0.001 min
Lab File: BG059944.D
Acq: 4 Dec 2023 23:27

Tgt Ion: 82 Resp: 538591
Ion Ratio Lower Upper
82 100
128 28.8 21.0 31.6
54 42.2 32.6 48.8

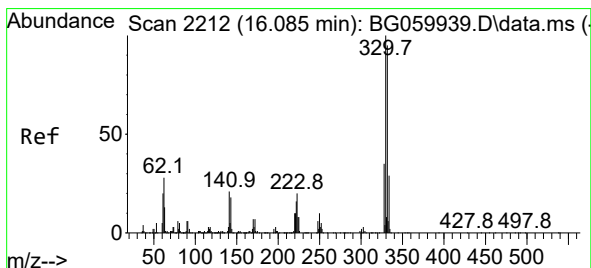
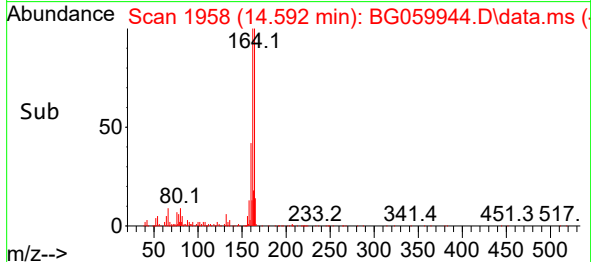
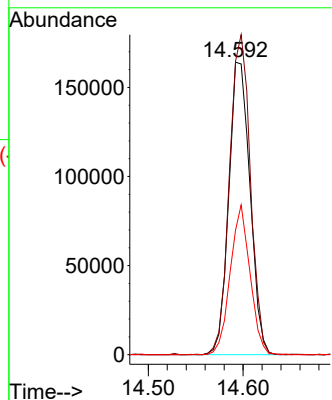
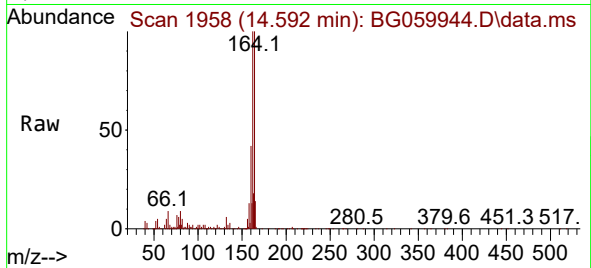




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.592 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BG059944.D
Acq: 4 Dec 2023 23:27

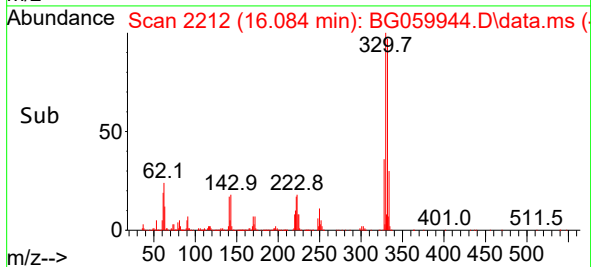
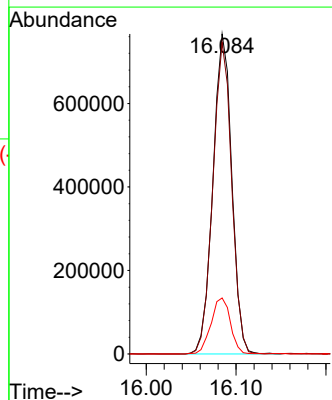
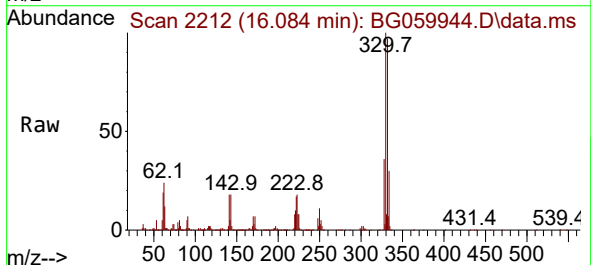
Instrument :
BNA_G
ClientSampleId :
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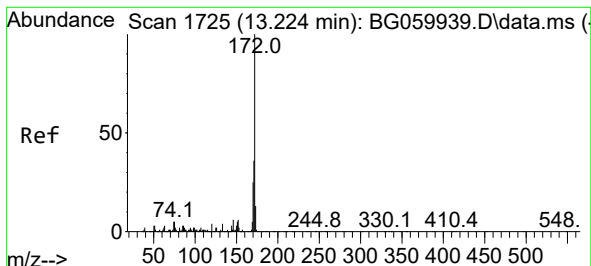
Tgt Ion:164 Resp: 255510
Ion Ratio Lower Upper
164 100
162 100.4 85.0 127.6
160 42.6 38.1 57.1



#42
2,4,6-Tribromophenol
Concen: 136.034 ng
RT: 16.084 min Scan# 2212
Delta R.T. -0.001 min
Lab File: BG059944.D
Acq: 4 Dec 2023 23:27

Tgt Ion:330 Resp: 1118310
Ion Ratio Lower Upper
330 100
332 97.0 76.5 114.7
141 18.0 15.0 22.6

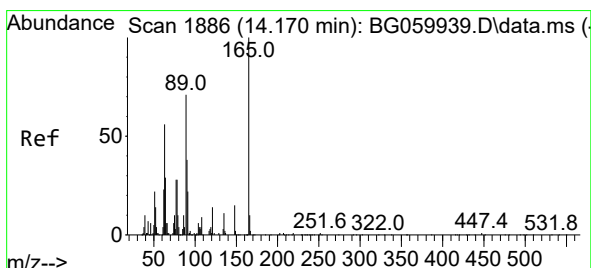
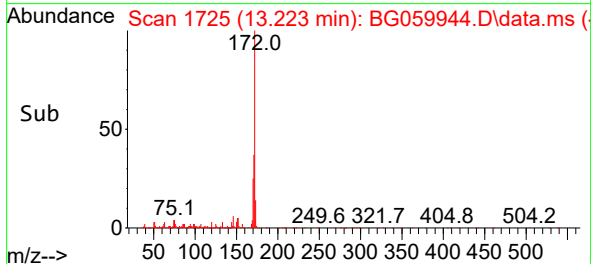
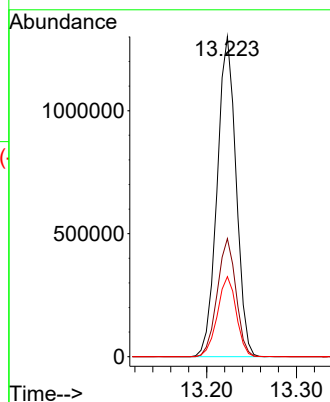
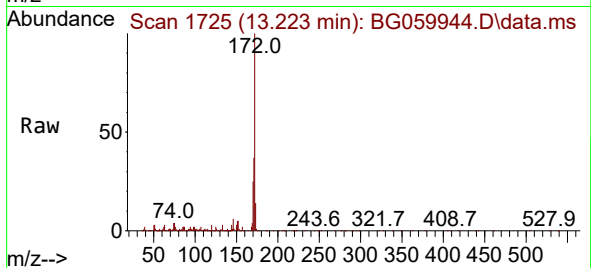




#45
2-Fluorobiphenyl
Concen: 81.323 ng
RT: 13.223 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG059944.D
Acq: 4 Dec 2023 23:27

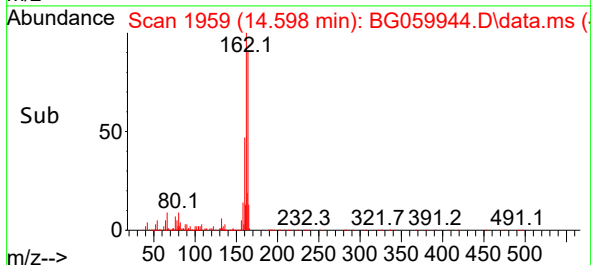
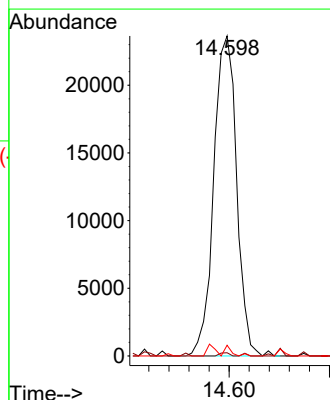
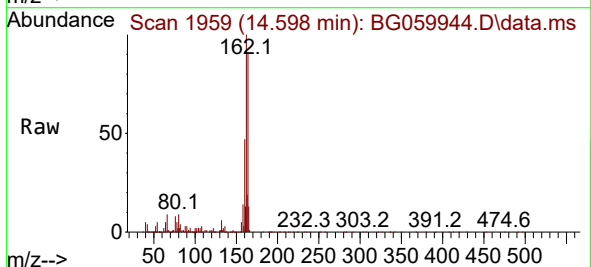
Instrument :
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ClientSampleId :
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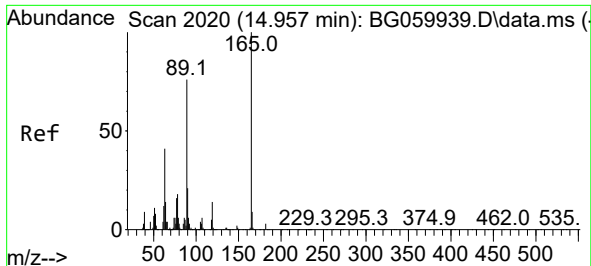
Tgt Ion:172 Resp: 1905106
Ion Ratio Lower Upper
172 100
171 36.9 28.6 43.0
170 25.0 19.8 29.8



#51
2,6-Dinitrotoluene
Concen: 7.850 ng
RT: 14.598 min Scan# 1959
Delta R.T. 0.428 min
Lab File: BG059944.D
Acq: 4 Dec 2023 23:27

Tgt Ion:165 Resp: 37411
Ion Ratio Lower Upper
165 100
63 1.0 47.2 70.8#
89 3.4 57.1 85.7#





#57

2,4-Dinitrotoluene

Concen: 5.645 ng

RT: 14.598 min Scan# 1959

Delta R.T. -0.359 min

Lab File: BG059944.D

Acq: 4 Dec 2023 23:27

Instrument :

BNA_G

ClientSampleId :

PB157233BL

Tgt Ion:165 Resp: 37411

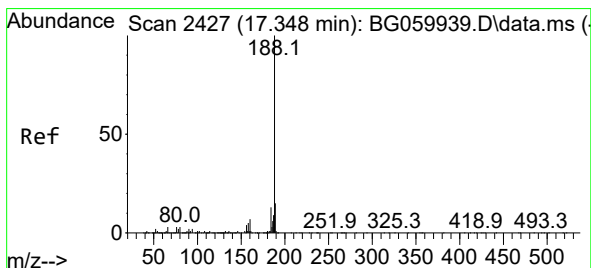
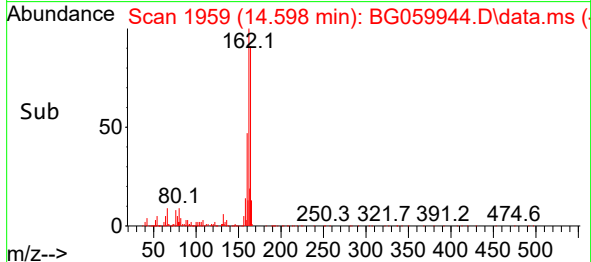
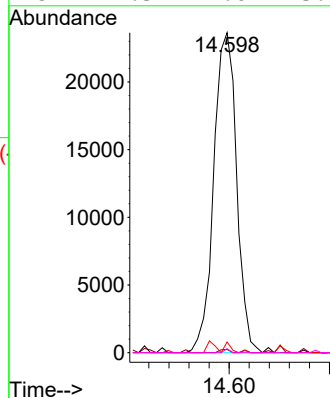
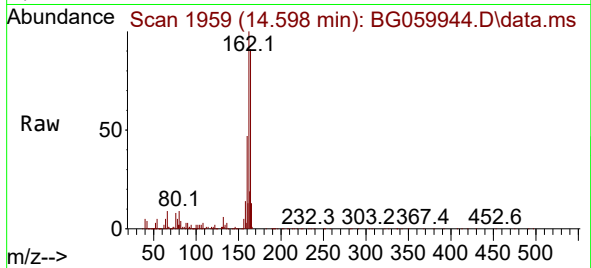
Ion Ratio Lower Upper

165 100

63 1.0 32.8 49.2#

89 3.4 60.6 90.8#

182 1.3 2.6 3.8#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.342 min Scan# 2426

Delta R.T. -0.006 min

Lab File: BG059944.D

Acq: 4 Dec 2023 23:27

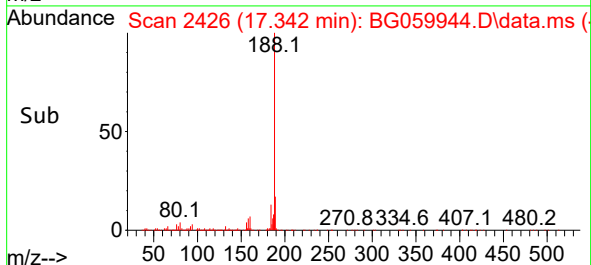
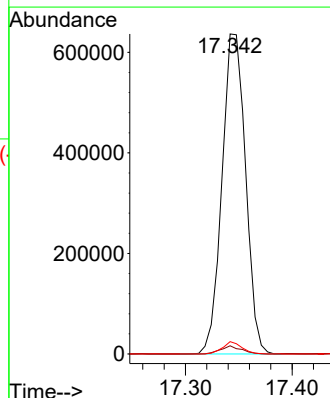
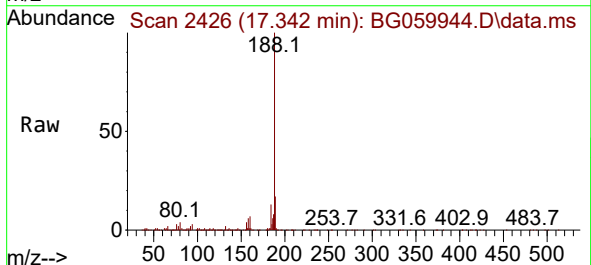
Tgt Ion:188 Resp: 977487

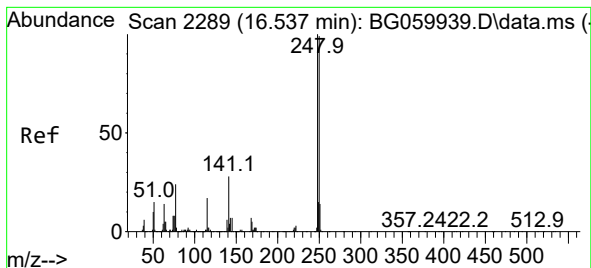
Ion Ratio Lower Upper

188 100

94 2.6 1.8 2.6

80 3.8 2.2 3.4#

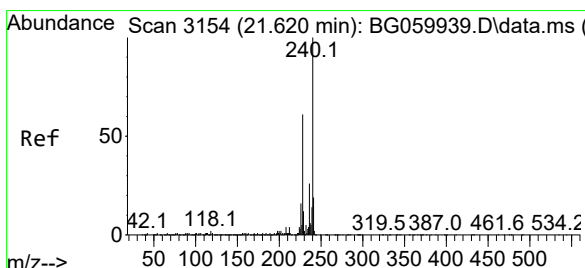
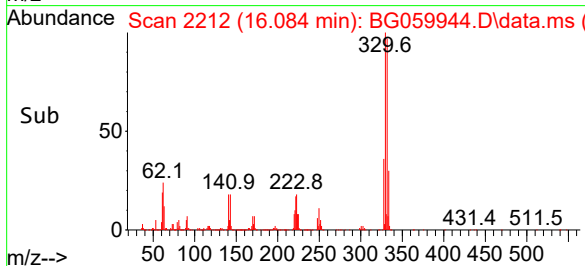
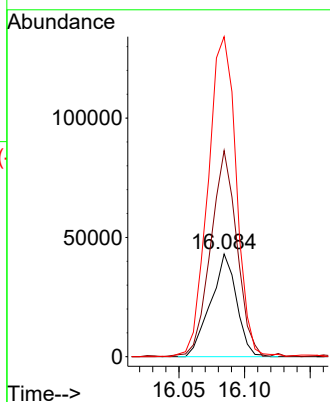
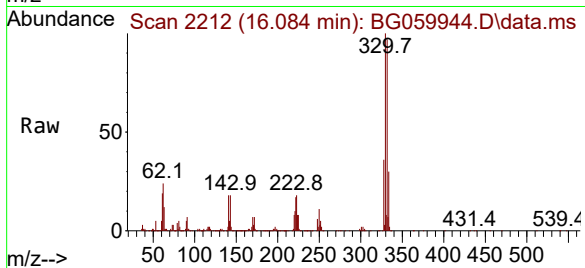




#67
4-Bromophenyl-phenylether
Concen: 3.517 ng
RT: 16.084 min Scan# 211
Delta R.T. -0.453 min
Lab File: BG059944.D
Acq: 4 Dec 2023 23:27

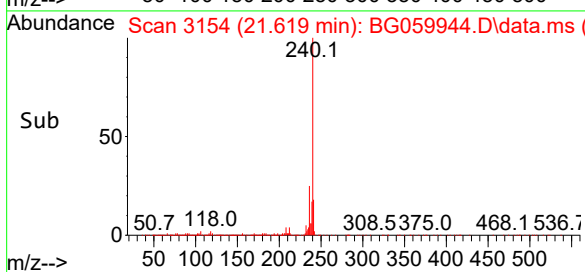
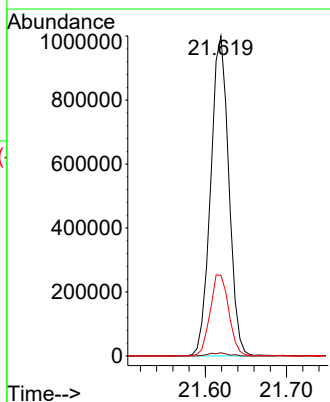
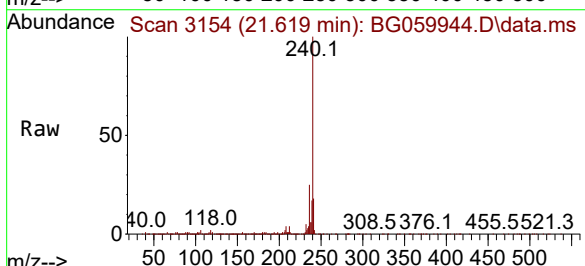
Instrument :
BNA_G
ClientSampleId :
PB157233BL

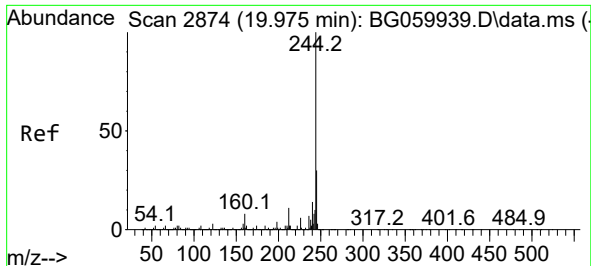
Tgt Ion:248 Resp: 58907
Ion Ratio Lower Upper
248 100
250 200.5 79.0 118.4#
141 311.4 22.3 33.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.619 min Scan# 3154
Delta R.T. -0.001 min
Lab File: BG059944.D
Acq: 4 Dec 2023 23:27

Tgt Ion:240 Resp: 1550957
Ion Ratio Lower Upper
240 100
120 1.0 1.0 1.4
236 25.2 20.8 31.2

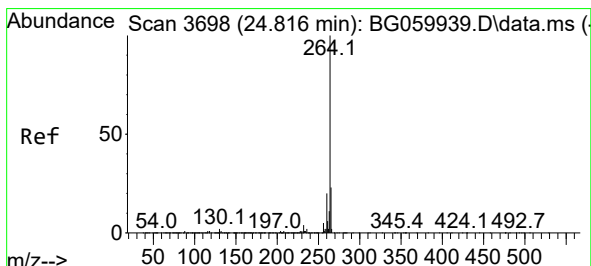
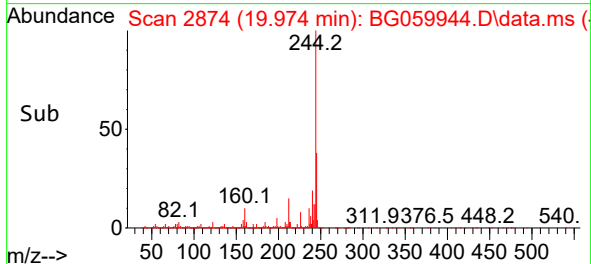
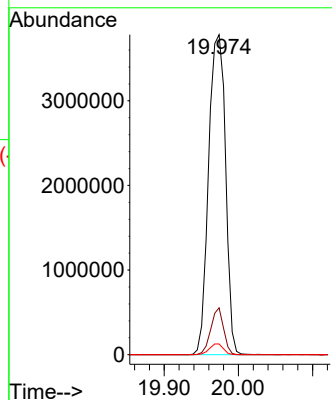
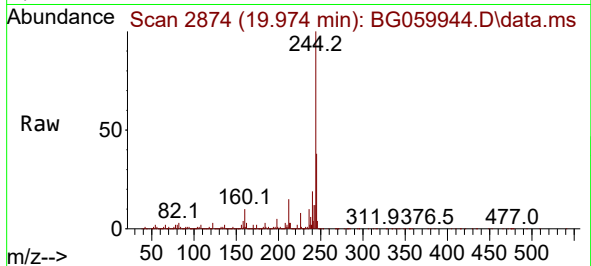




#79
Terphenyl-d14
Concen: 66.529 ng
RT: 19.974 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG059944.D
Acq: 4 Dec 2023 23:27

Instrument :
BNA_G
ClientSampleId :
PB157233BL

Tgt Ion:244 Resp: 5985542
Ion Ratio Lower Upper
244 100
212 14.6 8.6 13.0#
122 3.3 2.1 3.1#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.815 min Scan# 3698
Delta R.T. -0.001 min
Lab File: BG059944.D
Acq: 4 Dec 2023 23:27

Tgt Ion:264 Resp: 1780377
Ion Ratio Lower Upper
264 100
260 24.8 15.8 23.6#
265 23.4 18.1 27.1

