

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120523\
 Data File : BG059952.D
 Acq On : 5 Dec 2023 16:47
 Operator : MA/JU
 Sample : 05587-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WE-MR-CON

Quant Time: Dec 05 17:29:13 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)

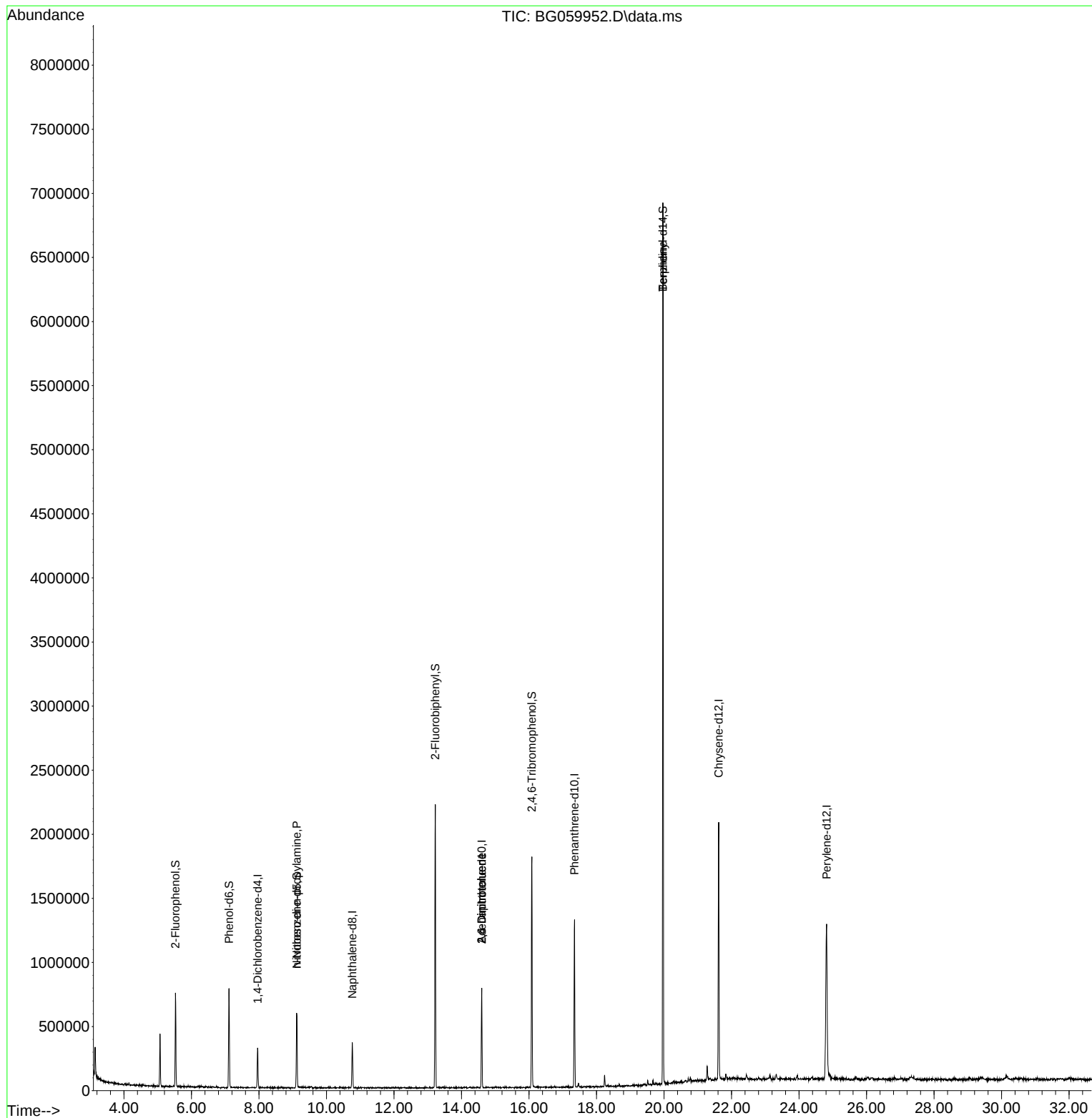
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	80921	20.000	ng	0.00
21) Naphthalene-d8	10.766	136	251924	20.000	ng	0.00
39) Acenaphthene-d10	14.597	164	266647	20.000	ng	0.00
64) Phenanthrene-d10	17.347	188	925261	20.000	ng	# 0.00
76) Chrysene-d12	21.618	240	1371293	20.000	ng	0.00
86) Perylene-d12	24.814	264	1673695	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.525	112	260280	64.626	ng	0.00
7) Phenol-d6	7.112	99	372875	58.741	ng	0.00
23) Nitrobenzene-d5	9.115	82	354257	50.268	ng	0.00
42) 2,4,6-Tribromophenol	16.083	330	475488	55.424	ng	0.00
45) 2-Fluorobiphenyl	13.222	172	1157769	47.357	ng	0.00
79) Terphenyl-d14	19.967	244	3699816	46.511	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.115	70	55954	11.762	ng	# 88
51) 2,6-Dinitrotoluene	14.597	165	35490	7.136	ng	# 19
57) 2,4-Dinitrotoluene	14.597	165	35490	5.131	ng	# 23
77) Benzidine	19.967	184	63806	5.521	ng	# 88

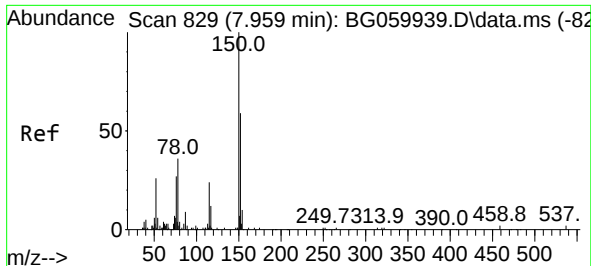
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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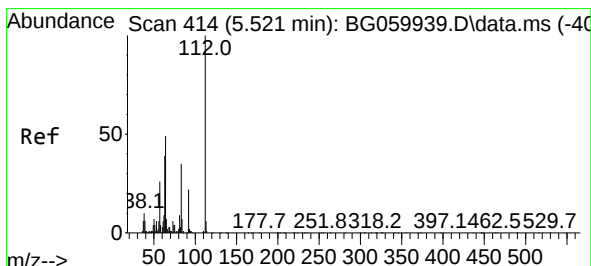
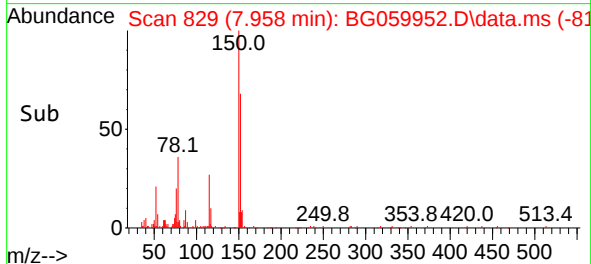
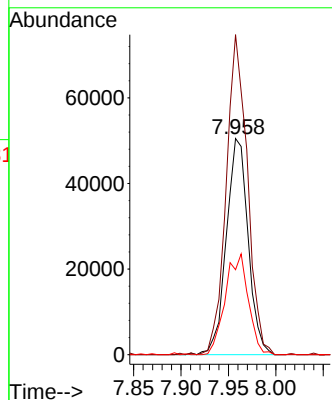
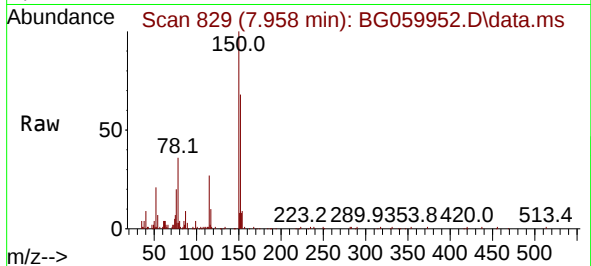




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.958 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG059952.D
Acq: 5 Dec 2023 16:47

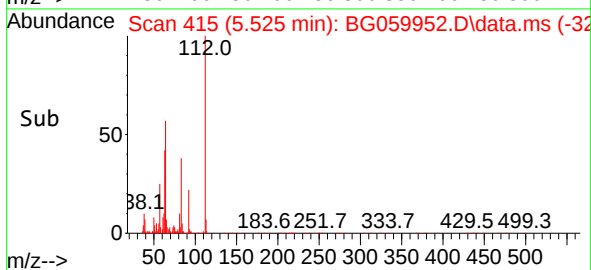
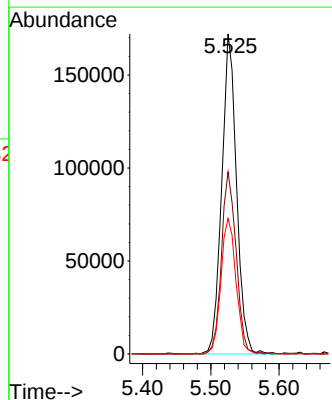
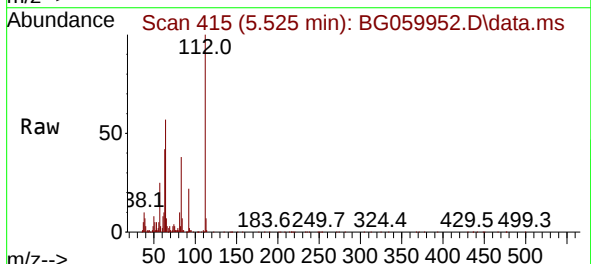
Instrument :
BNA_G
ClientSampleId :
WE-MR-CON

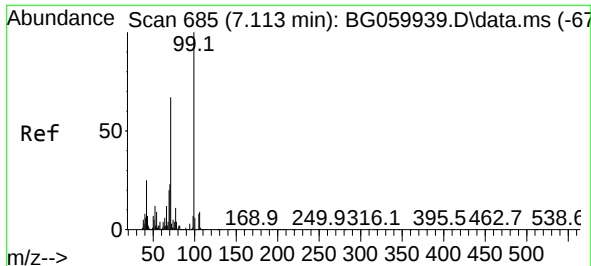
Tgt Ion:152 Resp: 80921
Ion Ratio Lower Upper
152 100
150 148.1 136.9 205.3
115 39.4 32.9 49.3



#5
2-Fluorophenol
Concen: 64.626 ng
RT: 5.525 min Scan# 415
Delta R.T. 0.004 min
Lab File: BG059952.D
Acq: 5 Dec 2023 16:47

Tgt Ion:112 Resp: 260280
Ion Ratio Lower Upper
112 100
64 56.9 39.4 59.0
63 42.3 31.2 46.8

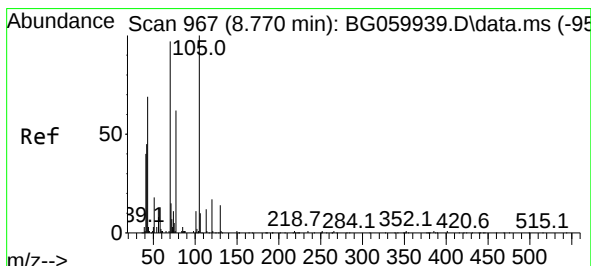
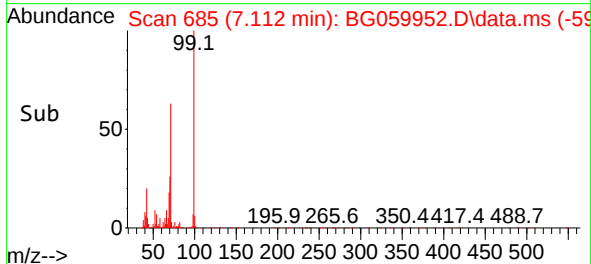
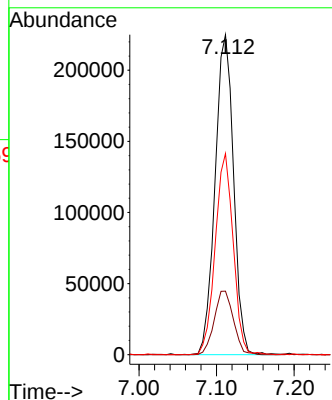
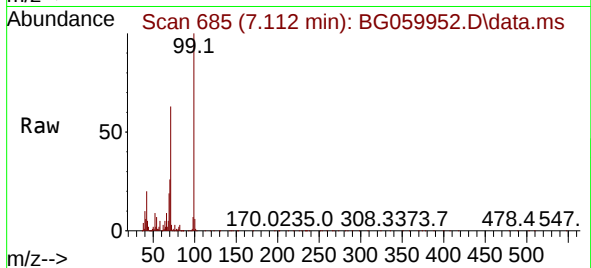




#7
Phenol-d6
Concen: 58.741 ng
RT: 7.112 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG059952.D
Acq: 5 Dec 2023 16:47

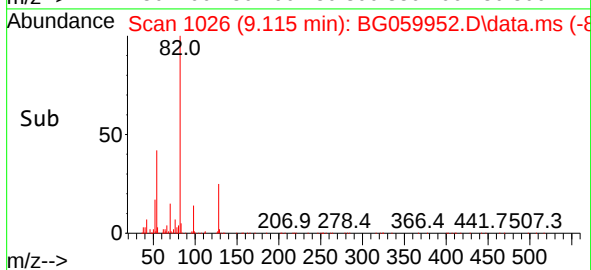
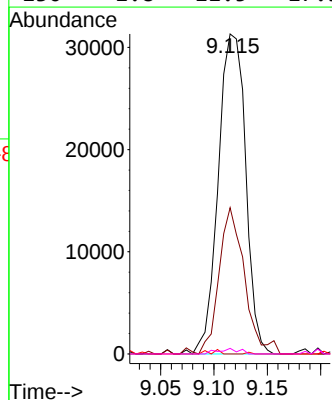
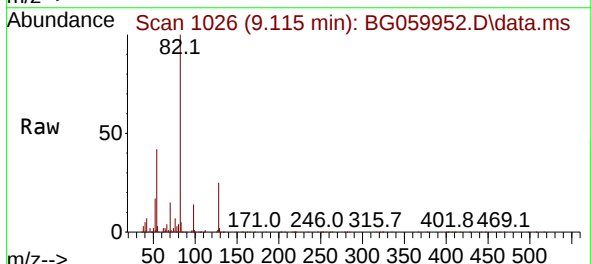
Instrument :
BNA_G
ClientSampleId :
WE-MR-CON

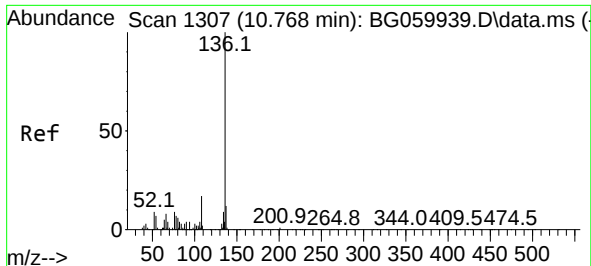
Tgt Ion: 99 Resp: 372875
Ion Ratio Lower Upper
99 100
42 19.9 20.1 30.1#
71 62.9 53.8 80.6



#19
n-Nitroso-di-n-propylamine
Concen: 11.762 ng
RT: 9.115 min Scan# 1026
Delta R.T. 0.345 min
Lab File: BG059952.D
Acq: 5 Dec 2023 16:47

Tgt Ion: 70 Resp: 55954
Ion Ratio Lower Upper
70 100
42 45.7 38.1 57.1
101 0.0 8.6 13.0#
130 1.8 11.5 17.3#

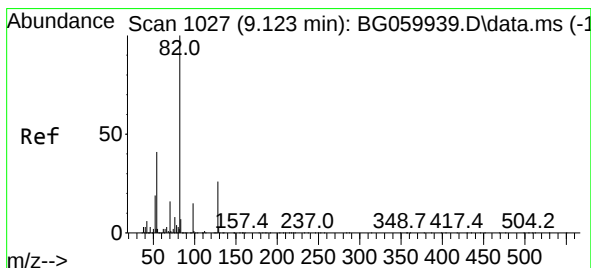
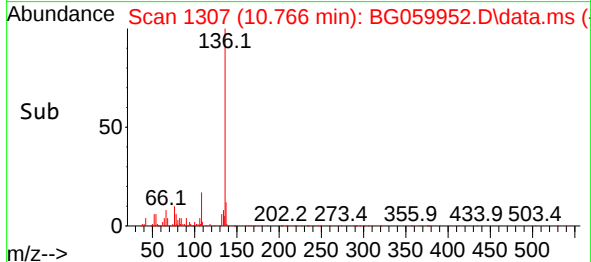
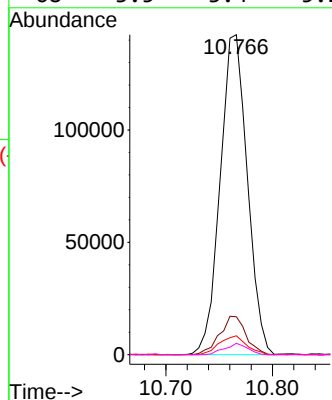
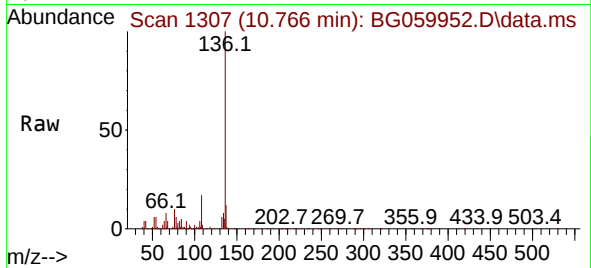




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.766 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG059952.D
Acq: 5 Dec 2023 16:47

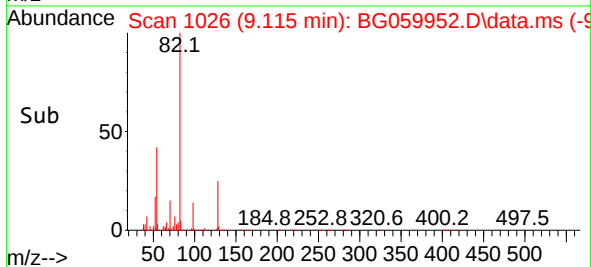
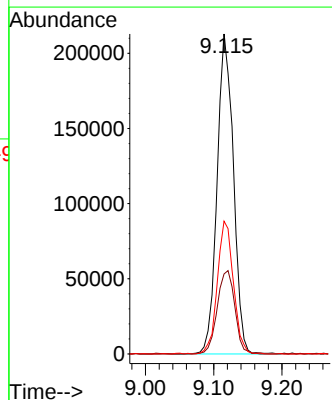
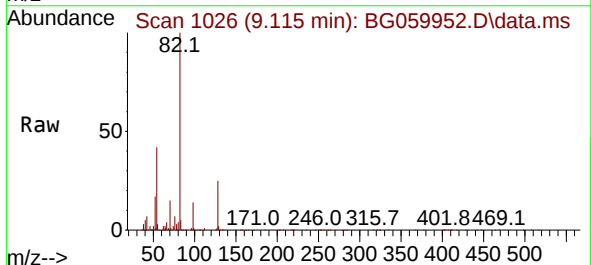
Instrument :
BNA_G
ClientSampleId :
WE-MR-CON

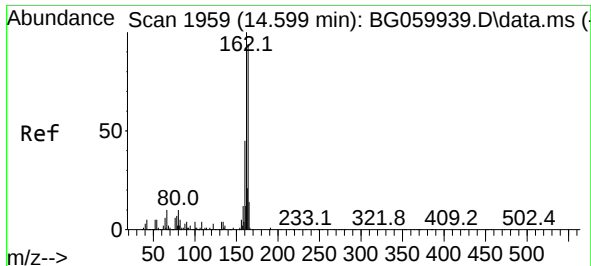
Tgt Ion:	136	Resp:	251924
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.8	14.6
54	5.9	5.8	8.6
68	3.5	3.4	5.2



#23
Nitrobenzene-d5
Concen: 50.268 ng
RT: 9.115 min Scan# 1026
Delta R.T. -0.008 min
Lab File: BG059952.D
Acq: 5 Dec 2023 16:47

Tgt Ion:	82	Resp:	354257
Ion	Ratio	Lower	Upper
82	100		
128	25.0	21.0	31.6
54	41.5	32.6	48.8

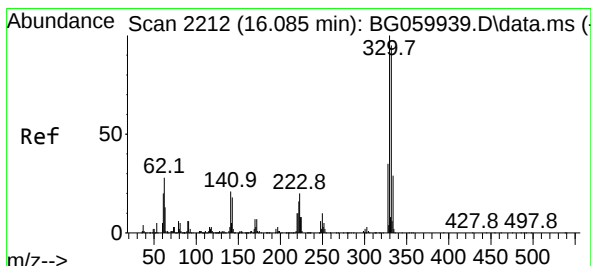
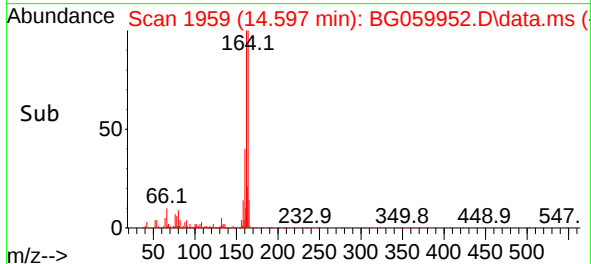
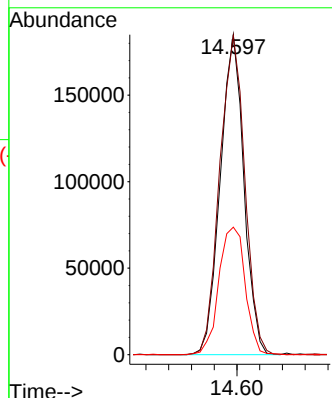
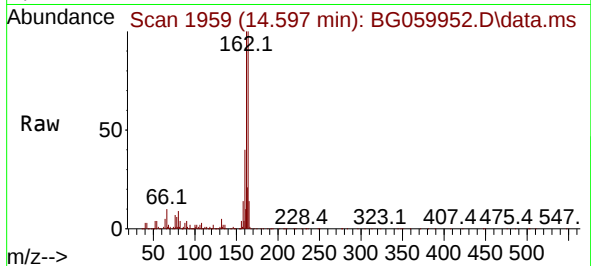




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.597 min Scan# 1959
Delta R.T. -0.002 min
Lab File: BG059952.D
Acq: 5 Dec 2023 16:47

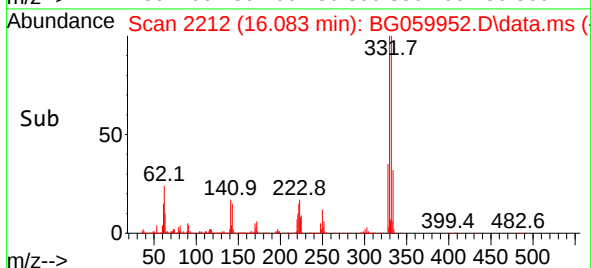
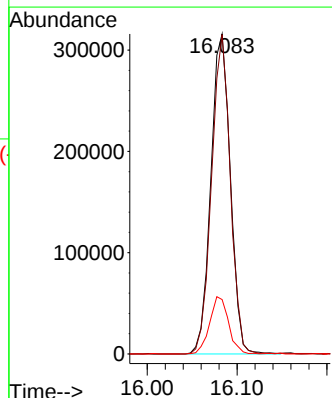
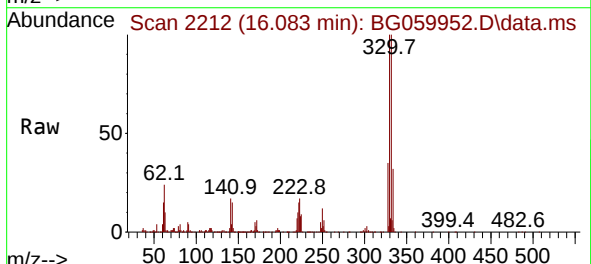
Instrument :
BNA_G
ClientSampleId :
WE-MR-CON

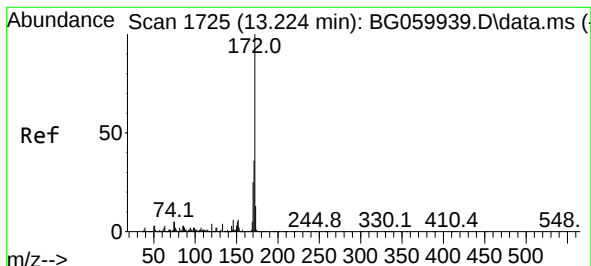
Tgt Ion:164 Resp: 266647
Ion Ratio Lower Upper
164 100
162 99.7 85.0 127.6
160 39.8 38.1 57.1



#42
2,4,6-Tribromophenol
Concen: 55.424 ng
RT: 16.083 min Scan# 2212
Delta R.T. -0.002 min
Lab File: BG059952.D
Acq: 5 Dec 2023 16:47

Tgt Ion:330 Resp: 475488
Ion Ratio Lower Upper
330 100
332 96.0 76.5 114.7
141 17.4 15.0 22.6

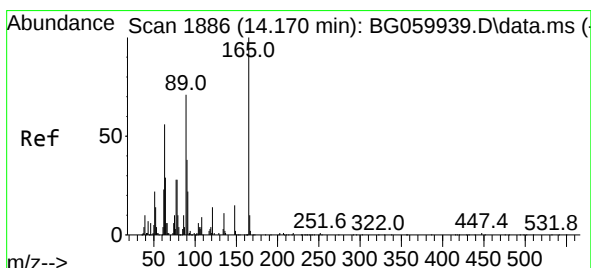
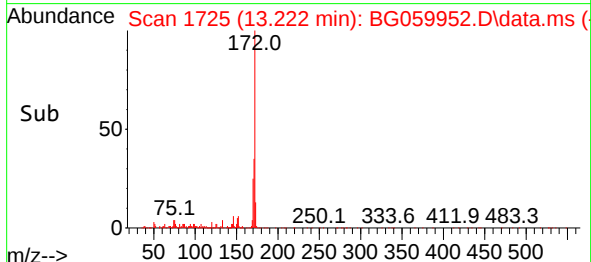
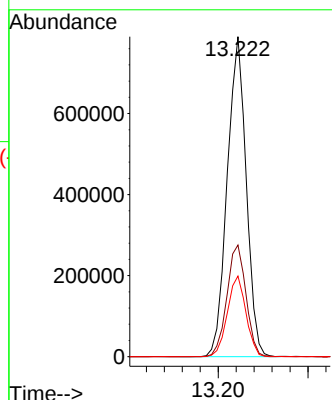
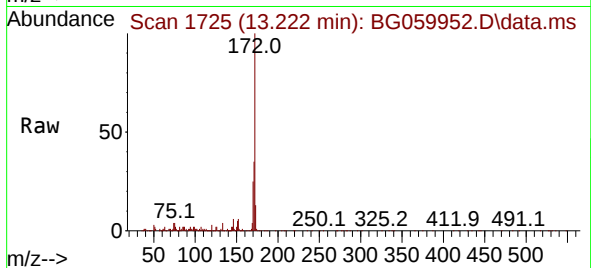




#45
2-Fluorobiphenyl
Concen: 47.357 ng
RT: 13.222 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG059952.D
Acq: 5 Dec 2023 16:47

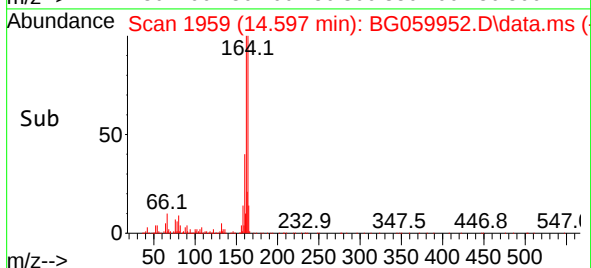
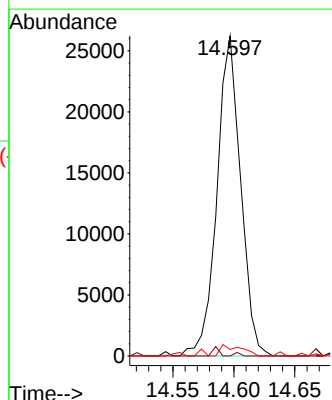
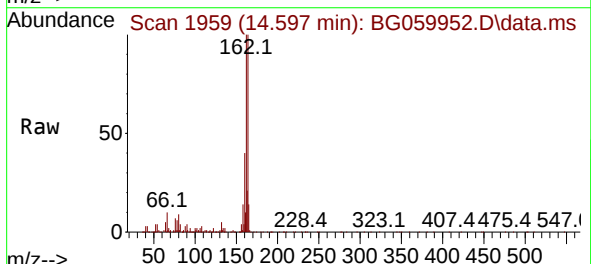
Instrument :
BNA_G
ClientSampleId :
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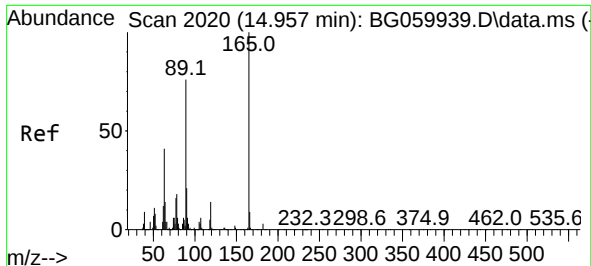
Tgt Ion:172 Resp: 1157769
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 25.2 19.8 29.8



#51
2,6-Dinitrotoluene
Concen: 7.136 ng
RT: 14.597 min Scan# 1959
Delta R.T. 0.427 min
Lab File: BG059952.D
Acq: 5 Dec 2023 16:47

Tgt Ion:165 Resp: 35490
Ion Ratio Lower Upper
165 100
63 0.0 47.2 70.8#
89 2.0 57.1 85.7#

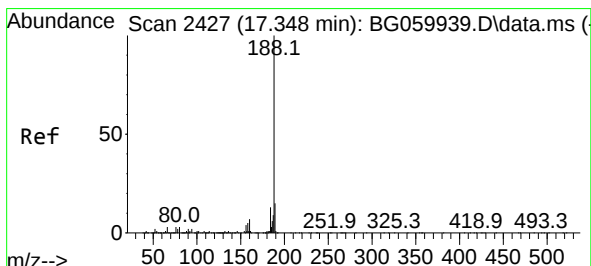
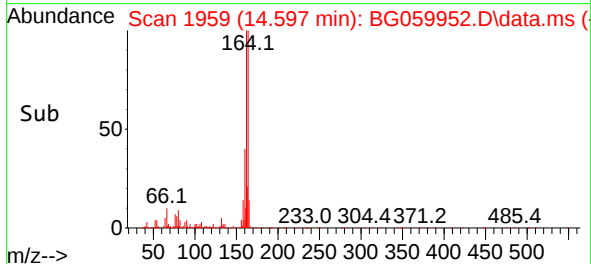
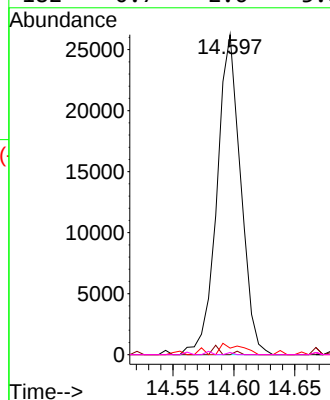
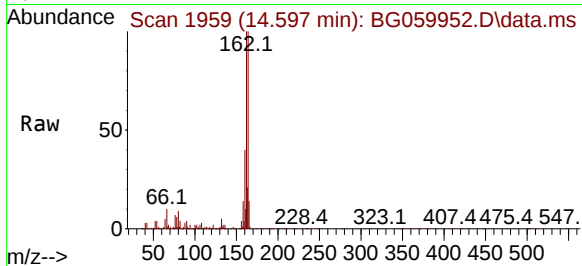




#57
2,4-Dinitrotoluene
Concen: 5.131 ng
RT: 14.597 min Scan# 1959
Delta R.T. -0.360 min
Lab File: BG059952.D
Acq: 5 Dec 2023 16:47

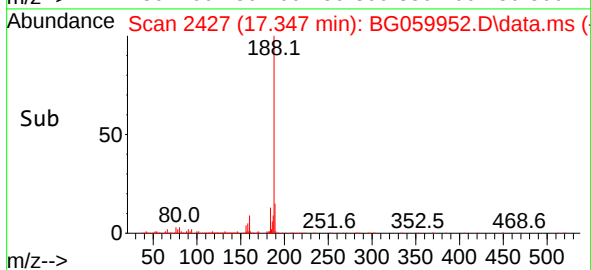
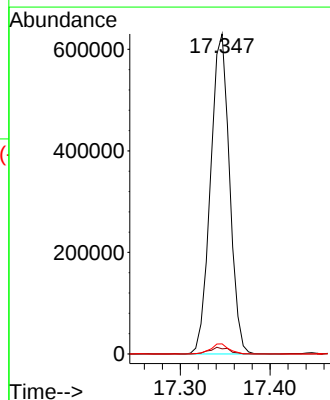
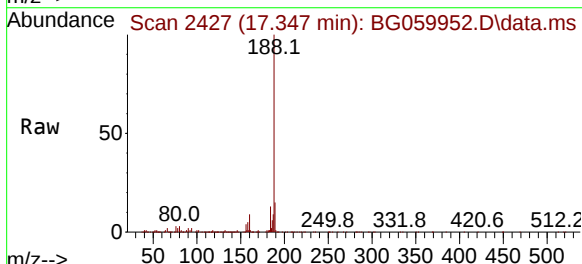
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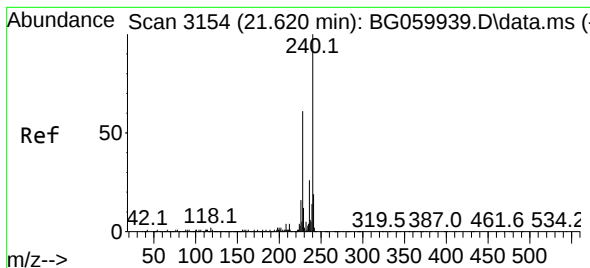
Tgt Ion:165 Resp: 35490
Ion Ratio Lower Upper
165 100
63 0.0 32.8 49.2#
89 2.0 60.6 90.8#
182 0.7 2.6 3.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.347 min Scan# 2427
Delta R.T. -0.002 min
Lab File: BG059952.D
Acq: 5 Dec 2023 16:47

Tgt Ion:188 Resp: 925261
Ion Ratio Lower Upper
188 100
94 1.6 1.8 2.6#
80 3.2 2.2 3.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.618 min Scan# 3154

Delta R.T. -0.002 min

Lab File: BG059952.D

Acq: 5 Dec 2023 16:47

Instrument :

BNA_G

ClientSampleId :

WE-MR-CON

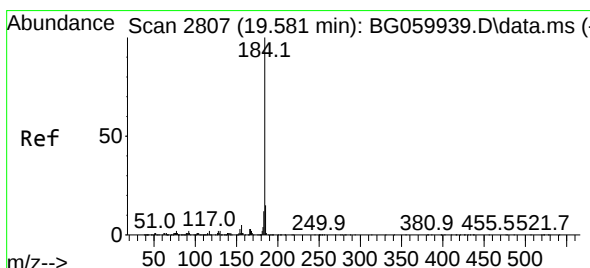
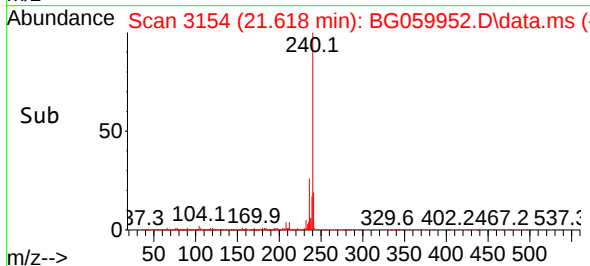
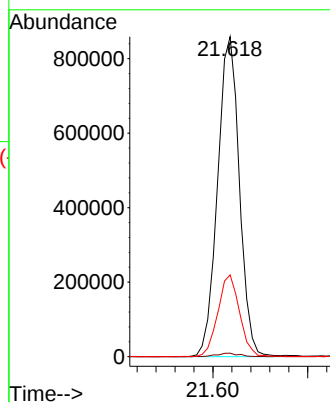
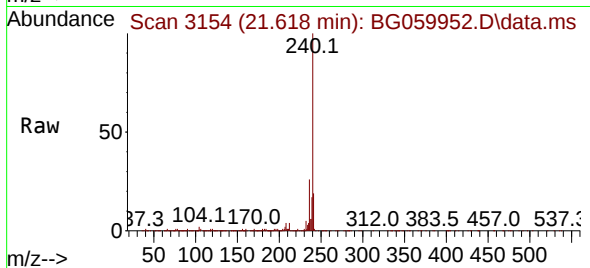
Tgt Ion:240 Resp: 1371293

Ion Ratio Lower Upper

240 100

120 1.1 1.0 1.4

236 25.5 20.8 31.2



#77

Benzidine

Concen: 5.521 ng

RT: 19.967 min Scan# 2873

Delta R.T. 0.386 min

Lab File: BG059952.D

Acq: 5 Dec 2023 16:47

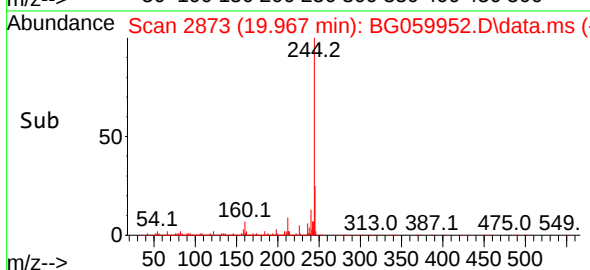
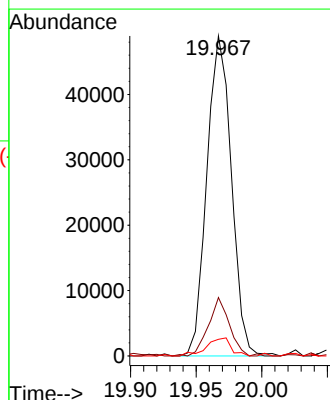
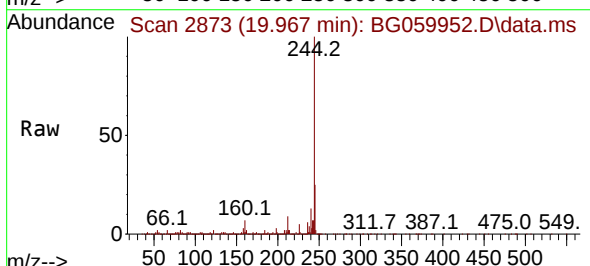
Tgt Ion:184 Resp: 63806

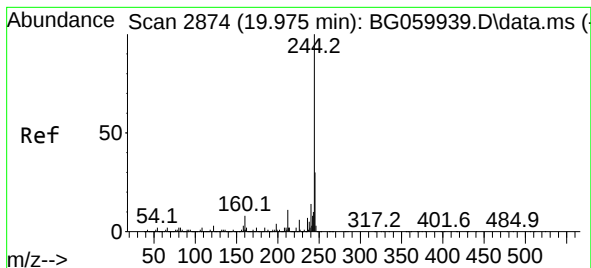
Ion Ratio Lower Upper

184 100

185 18.3 12.0 18.0#

183 5.2 9.7 14.5#





#79

Terphenyl-d14

Concen: 46.511 ng

RT: 19.967 min Scan# 2

Delta R.T. -0.008 min

Lab File: BG059952.D

Acq: 5 Dec 2023 16:47

Instrument :

BNA_G

ClientSampleId :

WE-MR-CON

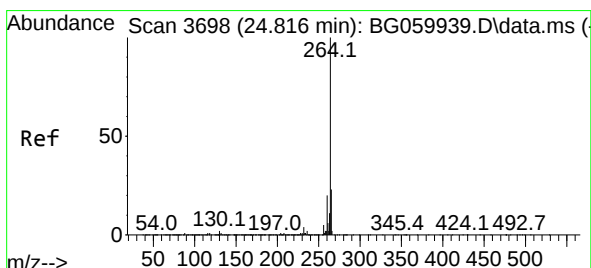
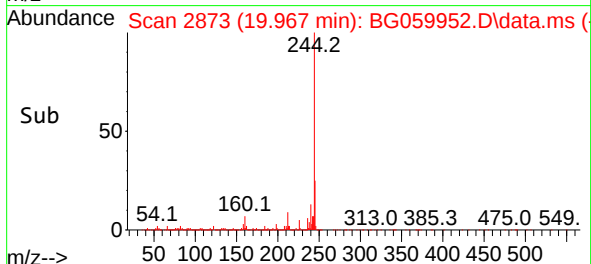
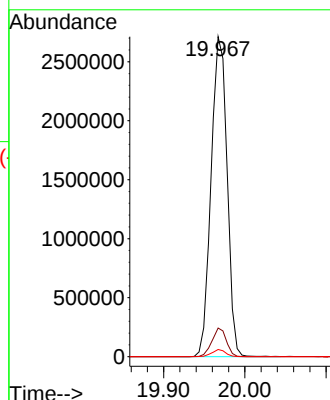
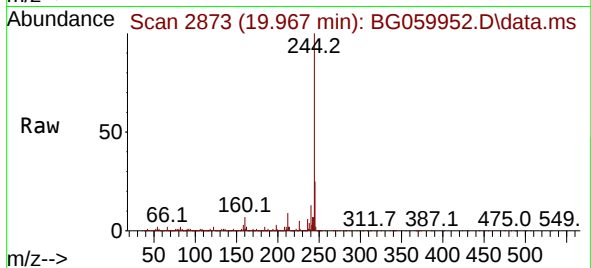
Tgt Ion:244 Resp: 3699816

Ion Ratio Lower Upper

244 100

212 8.9 8.6 13.0

122 2.3 2.1 3.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.814 min Scan# 3698

Delta R.T. -0.002 min

Lab File: BG059952.D

Acq: 5 Dec 2023 16:47

Tgt Ion:264 Resp: 1673695

Ion Ratio Lower Upper

264 100

260 23.6 15.8 23.6

265 21.1 18.1 27.1

