

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111523\
 Data File : BG059702.D
 Acq On : 15 Nov 2023 16:24
 Operator : MA/JU
 Sample : 05323-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Nov 15 17:05:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 15 08:14:53 2023
 Response via : Initial Calibration

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

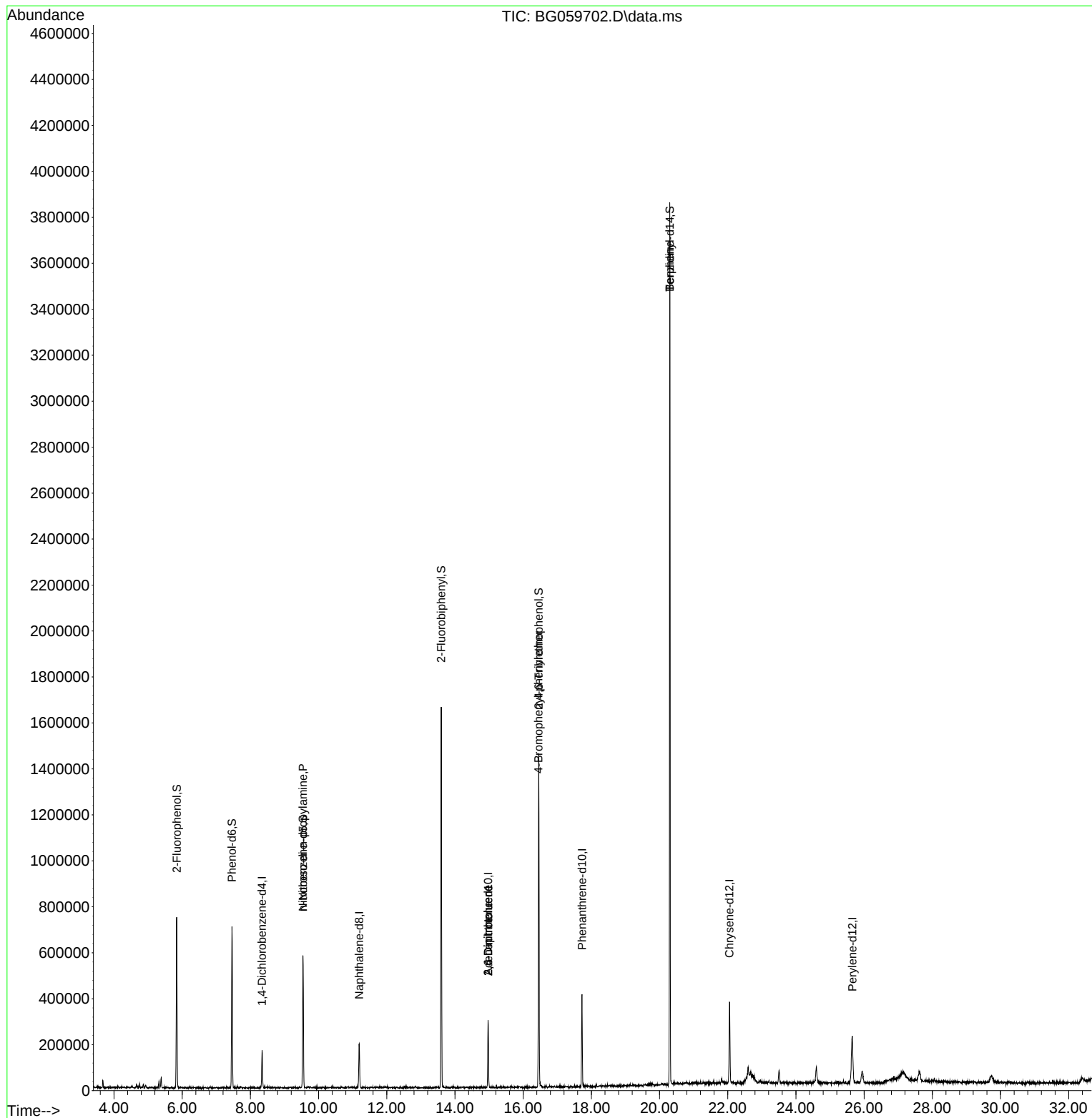
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.344	152	32683	20.000	ng	-0.01
21) Naphthalene-d8	11.193	136	135826	20.000	ng	# 0.00
39) Acenaphthene-d10	14.971	164	93015	20.000	ng	0.00
64) Phenanthrene-d10	17.727	188	229874	20.000	ng	# 0.00
76) Chrysene-d12	22.051	240	210007	20.000	ng	-0.01
86) Perylene-d12	25.653	264	244963	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.841	112	254577	134.475	ng	0.00
7) Phenol-d6	7.462	99	312551	109.248	ng	0.00
23) Nitrobenzene-d5	9.542	82	343966	108.866	ng	-0.01
42) 2,4,6-Tribromophenol	16.458	330	184292	175.562	ng	0.00
45) 2-Fluorobiphenyl	13.596	172	679941	98.555	ng	0.00
79) Terphenyl-d14	20.300	244	1561103	153.370	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.684	88	145	Below Cal	#	1
3) Pyridine	4.119	79	80	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	9.542	70	58170	26.394	ng	# 83
51) 2,6-Dinitrotoluene	14.971	165	11285	8.253	ng	# 2
57) 2,4-Dinitrotoluene	14.971	165	11285	5.614	ng	# 6
67) 4-Bromophenyl-phenylether	16.452	248	12460	5.152	ng	# 1
77) Benzidine	20.300	184	46532	13.113	ng	# 94
78) Pyrene	20.300	202	8655	Below Cal	#	76

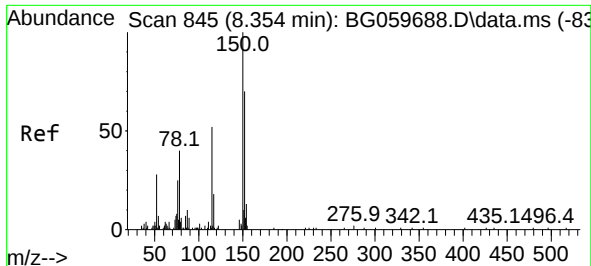
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111523\
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Quant Time: Nov 15 17:05:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 15 08:14:53 2023
Response via : Initial Calibration

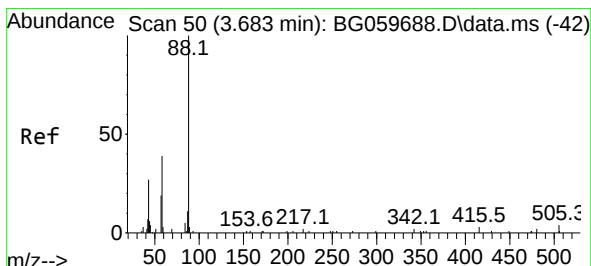
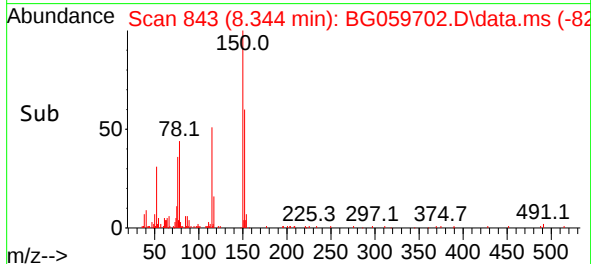
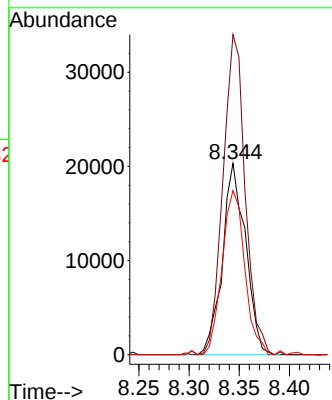
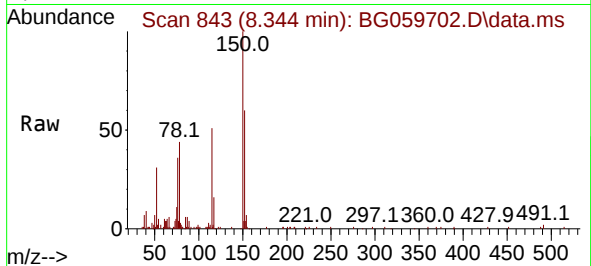




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.344 min Scan# 84
Delta R.T. -0.010 min
Lab File: BG059702.D
Acq: 15 Nov 2023 16:24

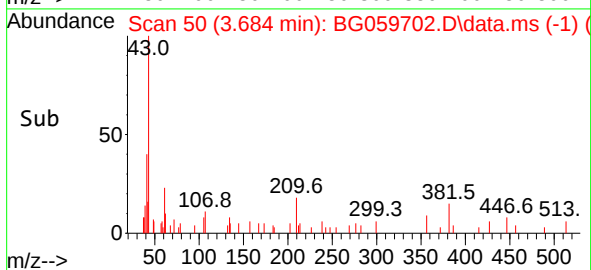
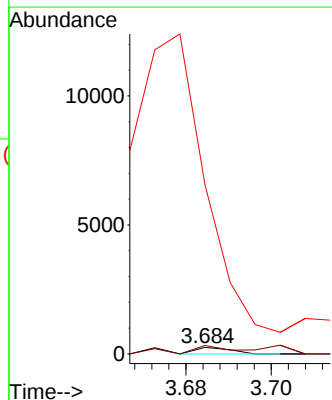
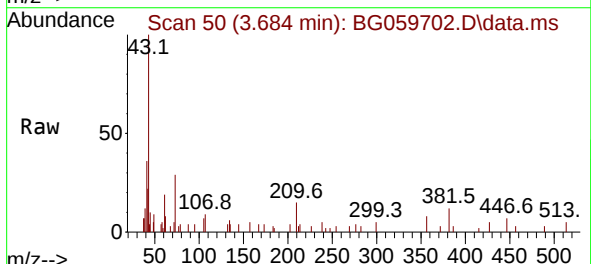
Instrument :
BNA_G
ClientSampleId :
TP-1

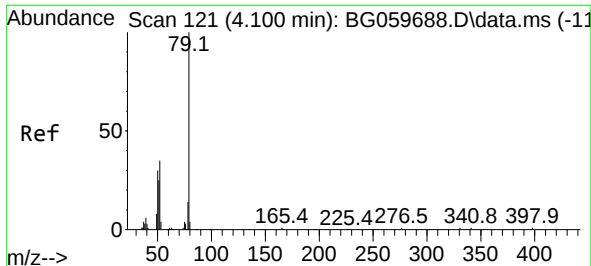
Tgt Ion:152 Resp: 32683
Ion Ratio Lower Upper
152 100
150 167.3 113.9 170.9
115 85.7 59.4 89.2



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.684 min Scan# 50
Delta R.T. 0.001 min
Lab File: BG059702.D
Acq: 15 Nov 2023 16:24

Tgt Ion: 88 Resp: 145
Ion Ratio Lower Upper
88 100
58 0.0 30.5 45.7#
43 11097.2 17.7 26.5#

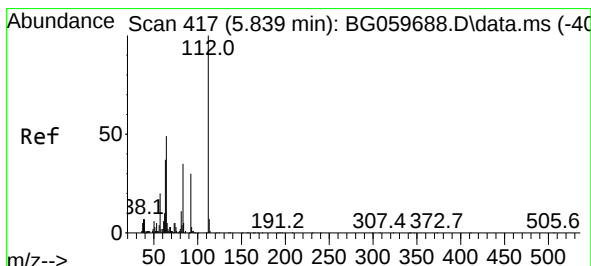
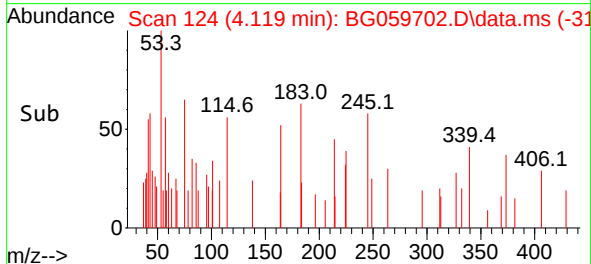
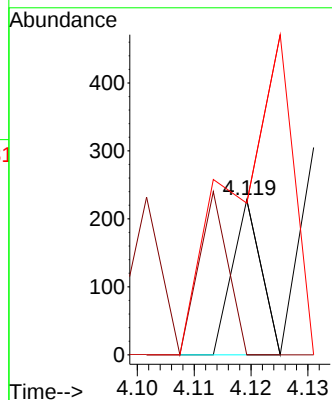
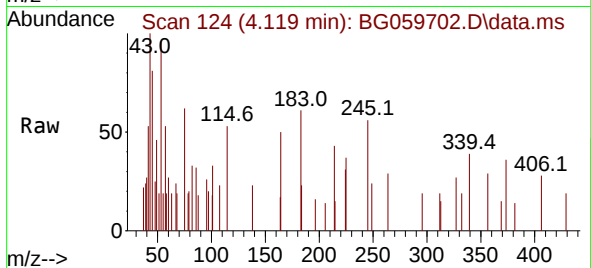




#3
Pyridine
Concen: Below Cal
RT: 4.119 min Scan# 11
Delta R.T. 0.019 min
Lab File: BG059702.D
Acq: 15 Nov 2023 16:24

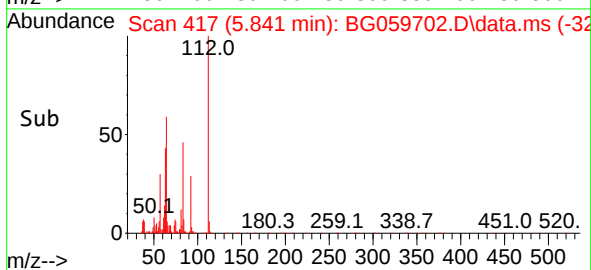
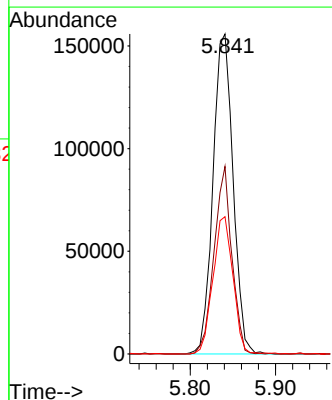
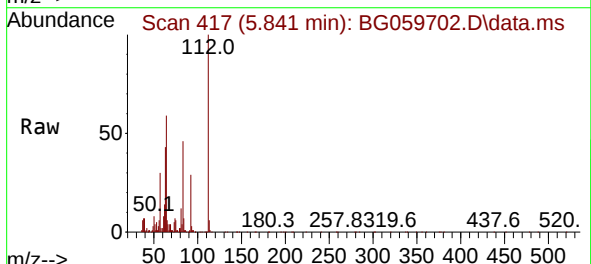
Instrument :
BNA_G
ClientSampleId :
TP-1

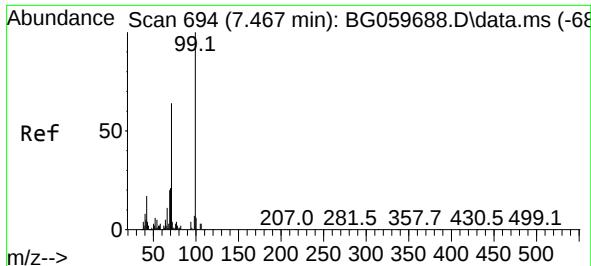
Tgt Ion: 79 Resp: 80
Ion Ratio Lower Upper
79 100
52 0.0 27.8 41.8#
51 97.8 20.2 30.2#



#5
2-Fluorophenol
Concen: 134.475 ng
RT: 5.841 min Scan# 417
Delta R.T. 0.001 min
Lab File: BG059702.D
Acq: 15 Nov 2023 16:24

Tgt Ion: 112 Resp: 254577
Ion Ratio Lower Upper
112 100
64 58.6 39.0 58.6#
63 42.9 29.8 44.6

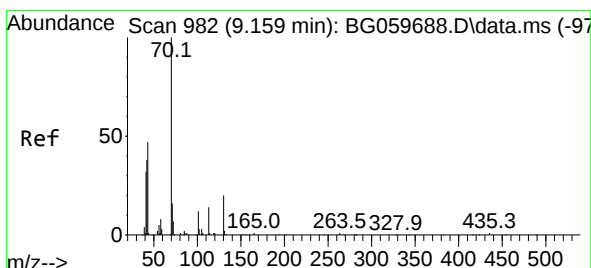
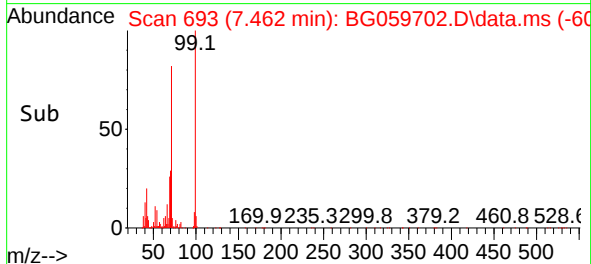
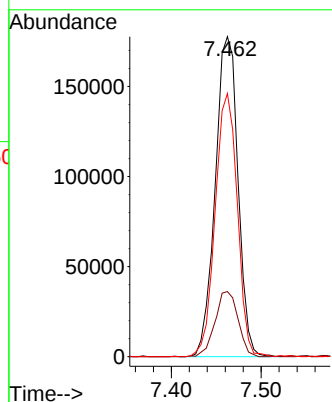
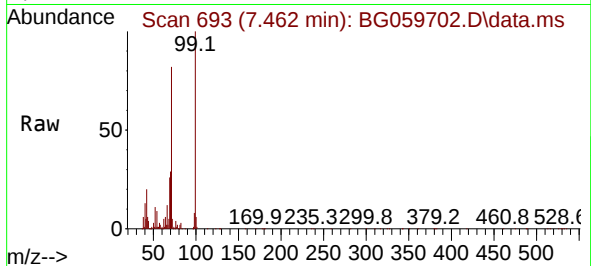




#7
Phenol-d6
Concen: 109.248 ng
RT: 7.462 min Scan# 694
Delta R.T. -0.005 min
Lab File: BG059702.D
Acq: 15 Nov 2023 16:24

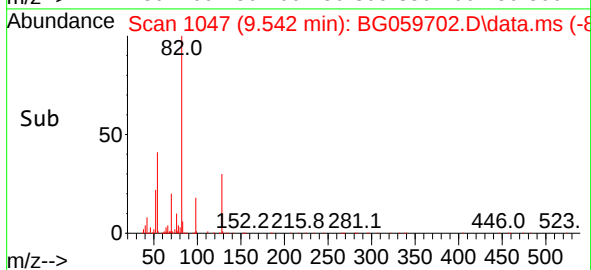
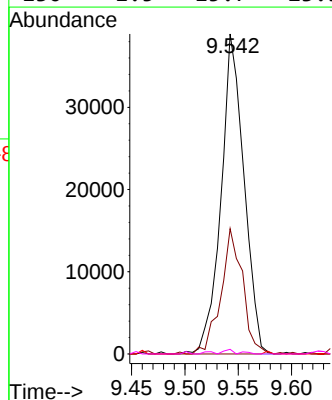
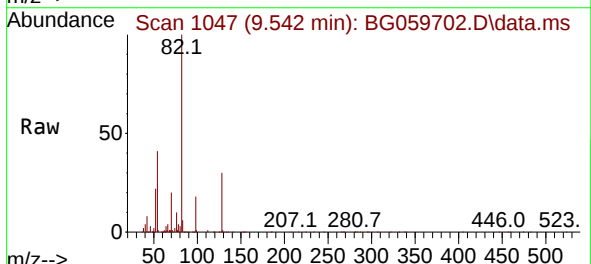
Instrument :
BNA_G
ClientSampleId :
TP-1

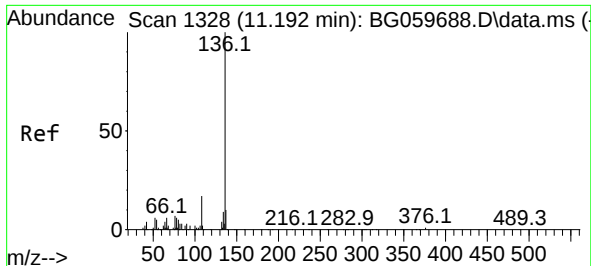
Tgt Ion: 99 Resp: 312551
Ion Ratio Lower Upper
99 100
42 20.3 13.2 19.8#
71 82.2 51.3 76.9#



#19
n-Nitroso-di-n-propylamine
Concen: 26.394 ng
RT: 9.542 min Scan# 1047
Delta R.T. 0.383 min
Lab File: BG059702.D
Acq: 15 Nov 2023 16:24

Tgt Ion: 70 Resp: 58170
Ion Ratio Lower Upper
70 100
42 39.2 30.8 46.2
101 0.0 9.4 14.2#
130 1.5 15.7 23.5#

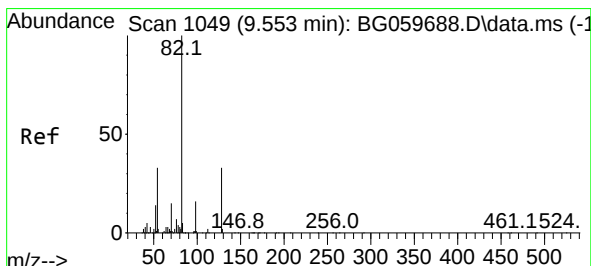
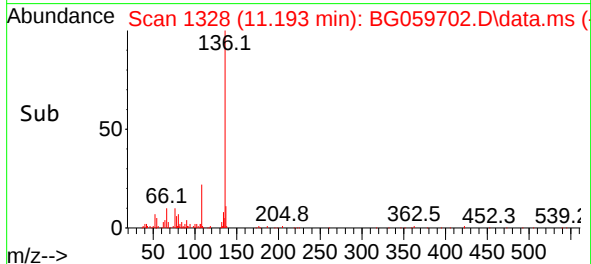
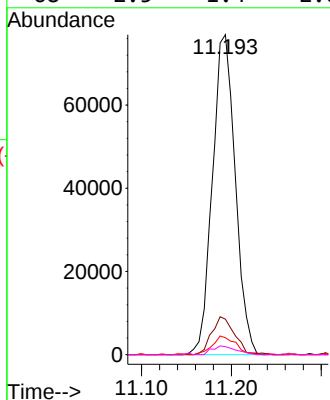
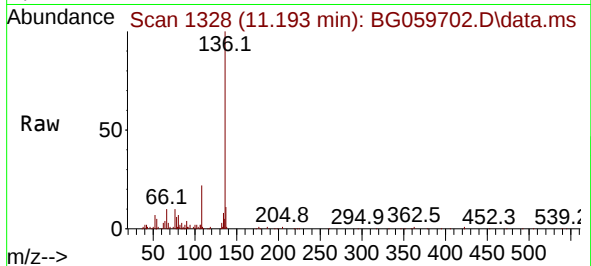




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.193 min Scan# 111
Delta R.T. 0.001 min
Lab File: BG059702.D
Acq: 15 Nov 2023 16:24

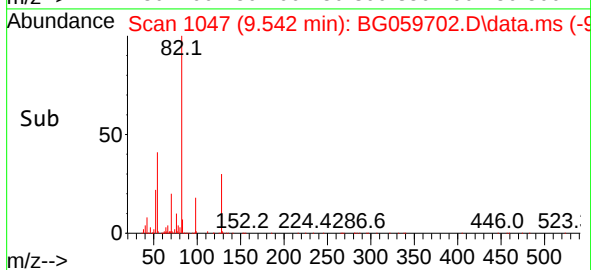
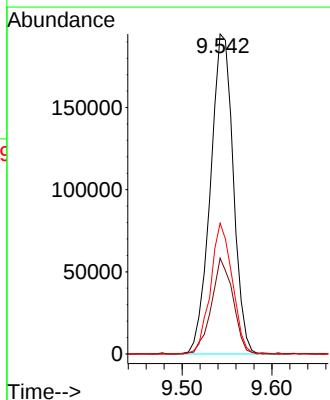
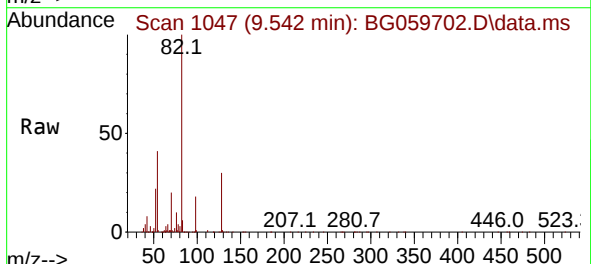
Instrument :
BNA_G
ClientSampleId :
TP-1

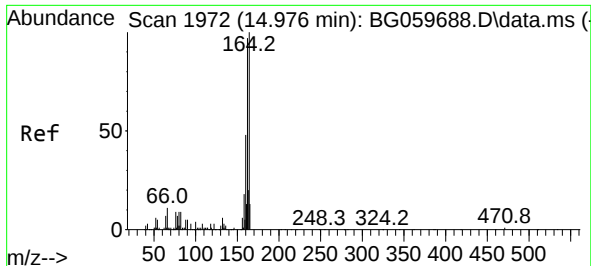
Tgt Ion:136 Resp: 135826
Ion Ratio Lower Upper
136 100
137 11.1 7.7 11.5
54 5.3 4.2 6.2
68 2.5 1.4 2.0#



#23
Nitrobenzene-d5
Concen: 108.866 ng
RT: 9.542 min Scan# 1047
Delta R.T. -0.010 min
Lab File: BG059702.D
Acq: 15 Nov 2023 16:24

Tgt Ion: 82 Resp: 343966
Ion Ratio Lower Upper
82 100
128 29.9 26.3 39.5
54 40.8 26.6 39.8#

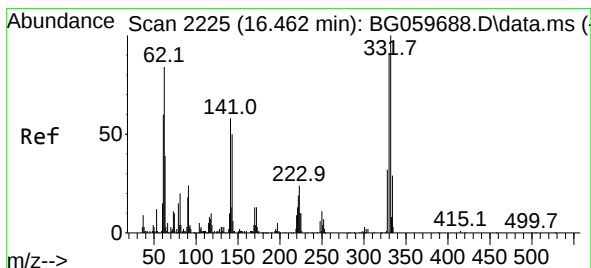
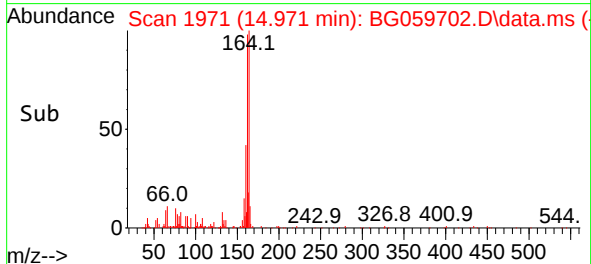
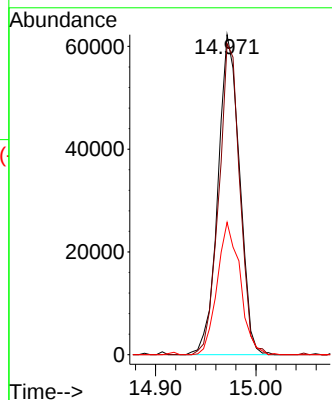
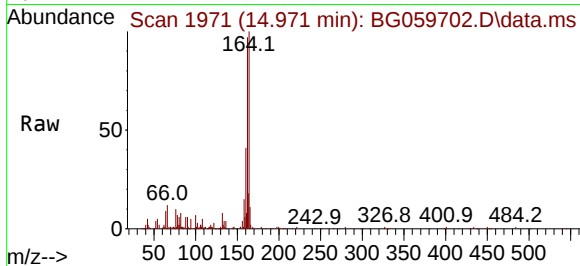




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.971 min Scan# 1971
Delta R.T. -0.005 min
Lab File: BG059702.D
Acq: 15 Nov 2023 16:24

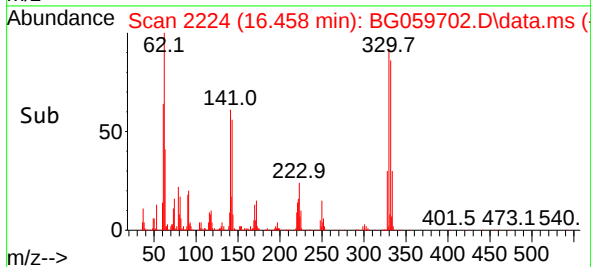
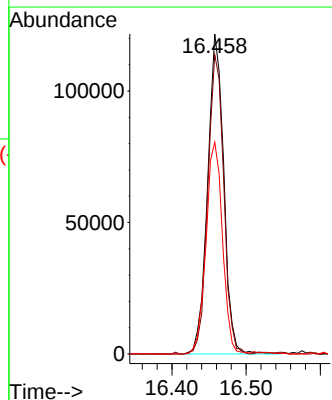
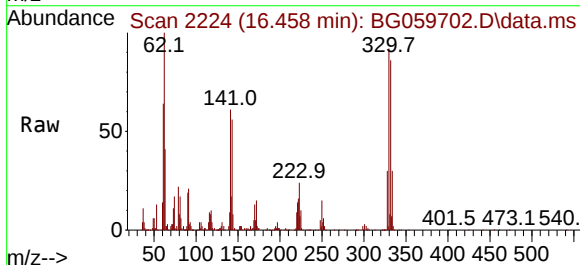
Instrument :
BNA_G
ClientSampleId :
TP-1

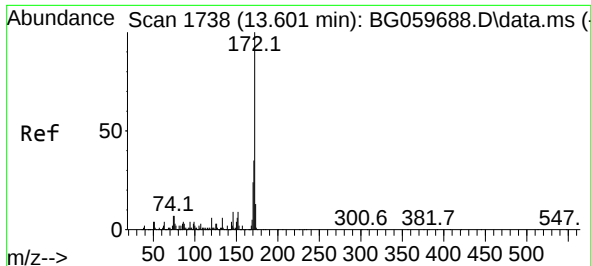
Tgt Ion:164 Resp: 93015
Ion Ratio Lower Upper
164 100
162 97.2 77.8 116.6
160 41.3 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 175.562 ng
RT: 16.458 min Scan# 2224
Delta R.T. -0.005 min
Lab File: BG059702.D
Acq: 15 Nov 2023 16:24

Tgt Ion:330 Resp: 184292
Ion Ratio Lower Upper
330 100
332 92.2 80.7 121.1
141 67.6 51.0 76.6

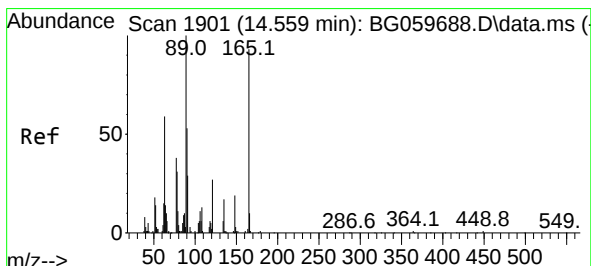
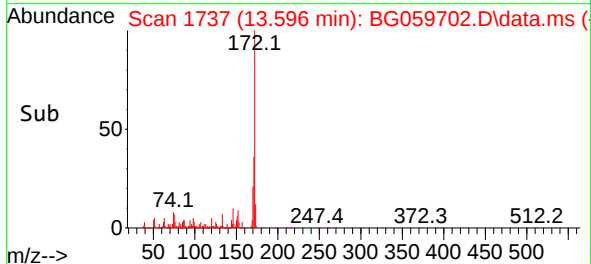
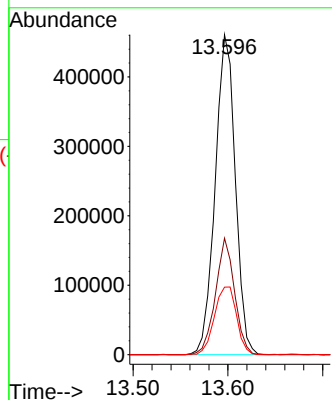
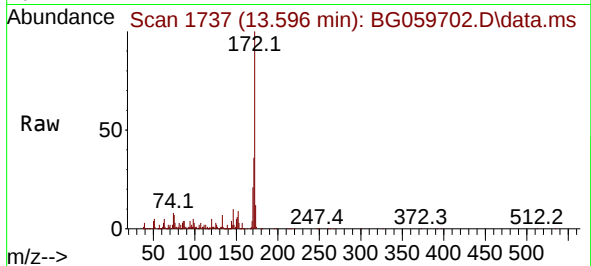




#45
2-Fluorobiphenyl
Concen: 98.555 ng
RT: 13.596 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG059702.D
Acq: 15 Nov 2023 16:24

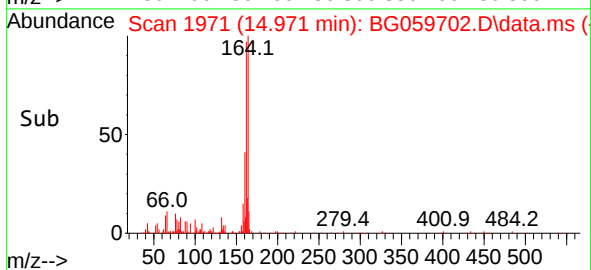
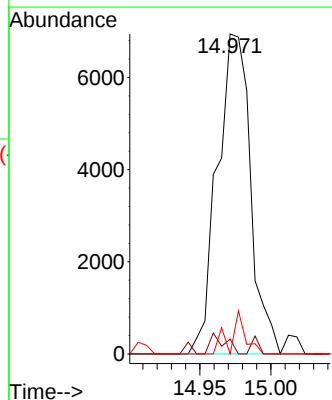
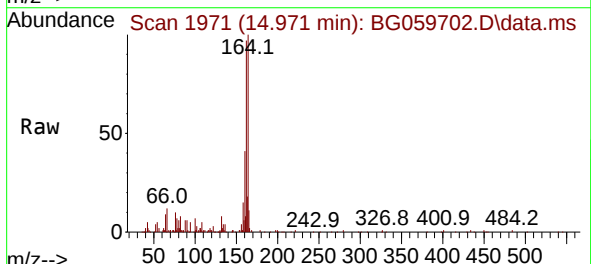
Instrument :
BNA_G
ClientSampleId :
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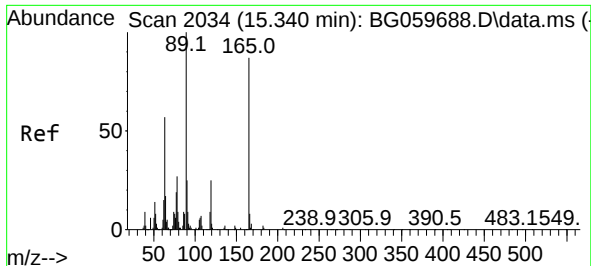
Tgt Ion:172 Resp: 679941
Ion Ratio Lower Upper
172 100
171 36.4 27.9 41.9
170 21.1 19.0 28.4



#51
2,6-Dinitrotoluene
Concen: 8.253 ng
RT: 14.971 min Scan# 1971
Delta R.T. 0.413 min
Lab File: BG059702.D
Acq: 15 Nov 2023 16:24

Tgt Ion:165 Resp: 11285
Ion Ratio Lower Upper
165 100
63 4.7 73.6 110.4#
89 0.0 87.0 130.6#





#57

2,4-Dinitrotoluene

Concen: 5.614 ng

RT: 14.971 min Scan# 1971

Delta R.T. -0.369 min

Lab File: BG059702.D

Acq: 15 Nov 2023 16:24

Instrument :

BNA_G

ClientSampleId :

TP-1

Tgt Ion:165 Resp: 11285

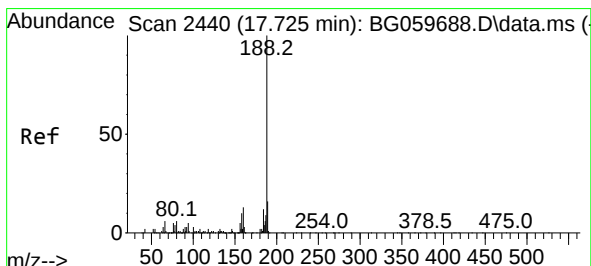
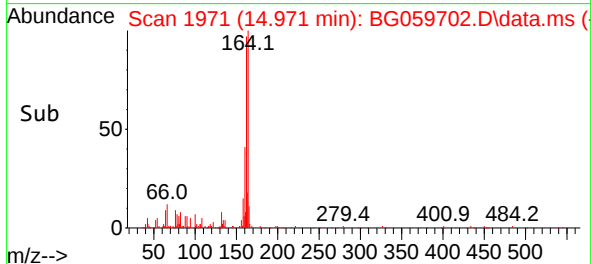
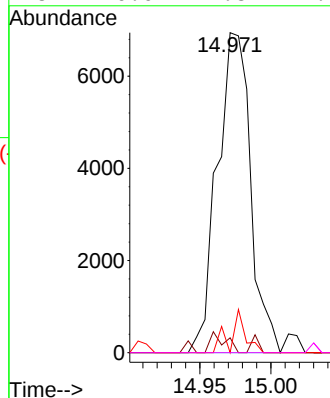
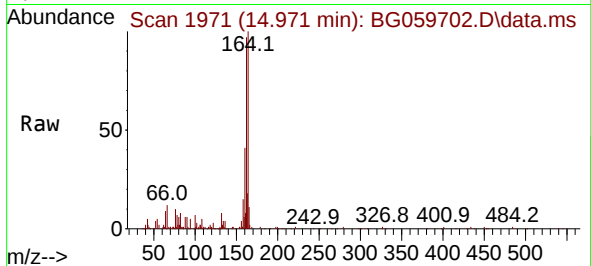
Ion Ratio Lower Upper

165 100

63 4.7 52.2 78.2#

89 0.0 91.8 137.6#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.727 min Scan# 2440

Delta R.T. 0.001 min

Lab File: BG059702.D

Acq: 15 Nov 2023 16:24

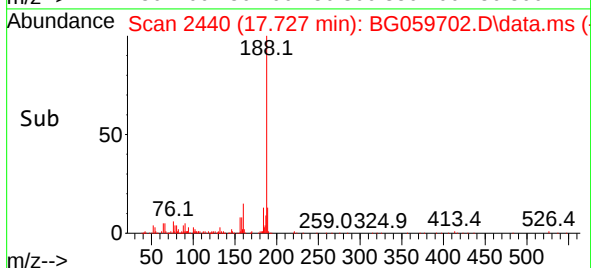
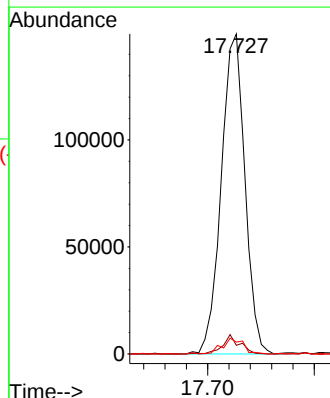
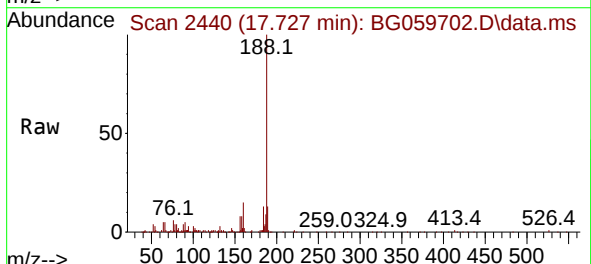
Tgt Ion:188 Resp: 229874

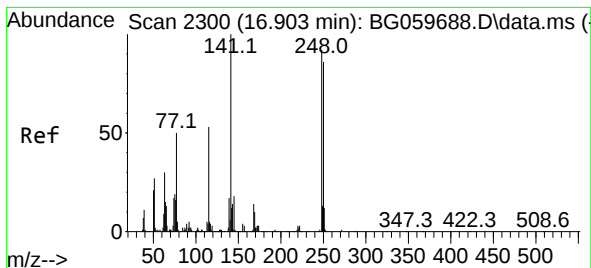
Ion Ratio Lower Upper

188 100

94 2.7 3.9 5.9#

80 3.7 4.5 6.7#

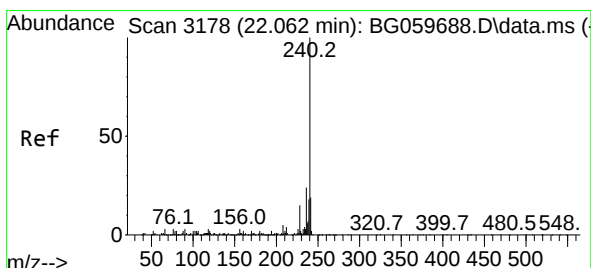
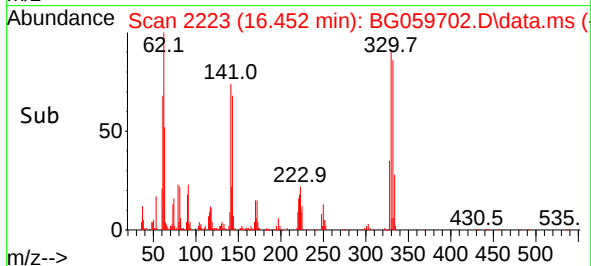
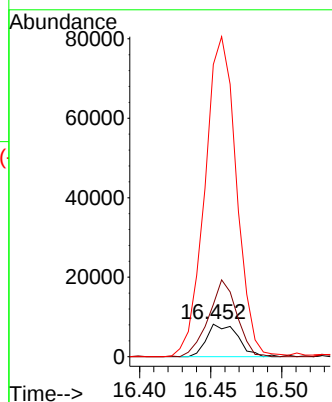
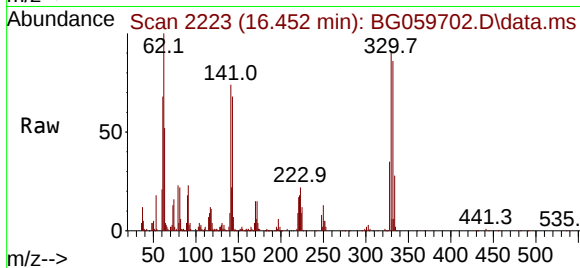




#67
4-Bromophenyl-phenylether
Concen: 5.152 ng
RT: 16.452 min Scan# 21
Delta R.T. -0.451 min
Lab File: BG059702.D
Acq: 15 Nov 2023 16:24

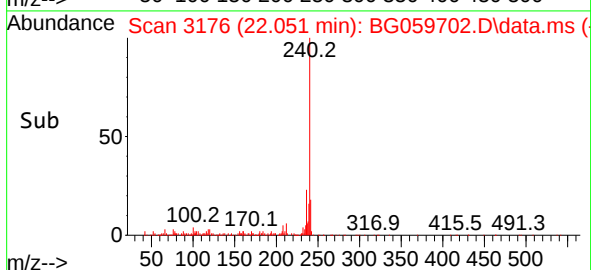
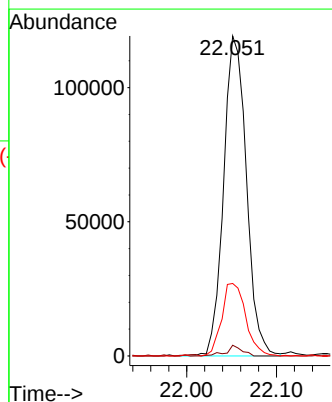
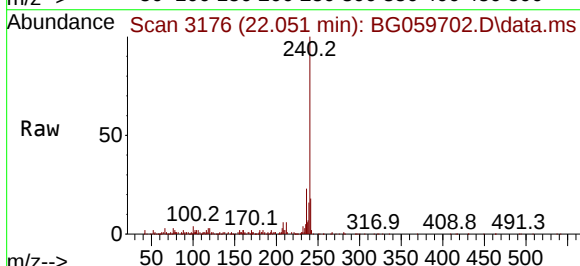
Instrument :
BNA_G
ClientSampleId :
TP-1

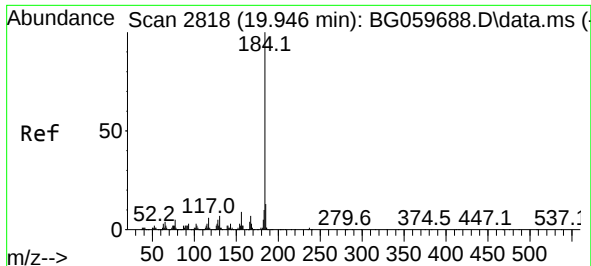
Tgt Ion:248 Resp: 12460
Ion Ratio Lower Upper
248 100
250 160.4 74.5 111.7#
141 899.0 86.6 129.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.051 min Scan# 3176
Delta R.T. -0.010 min
Lab File: BG059702.D
Acq: 15 Nov 2023 16:24

Tgt Ion:240 Resp: 210007
Ion Ratio Lower Upper
240 100
120 3.3 2.6 3.8
236 22.7 19.4 29.0

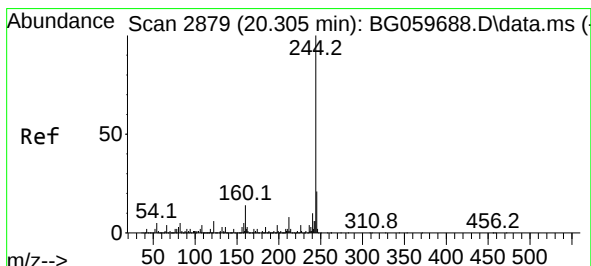
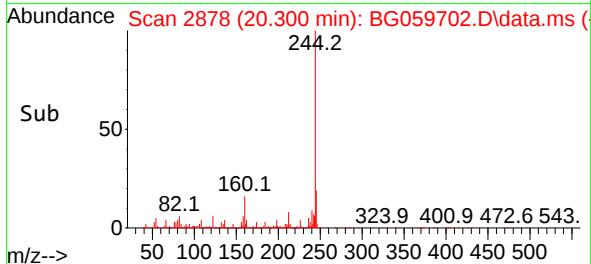
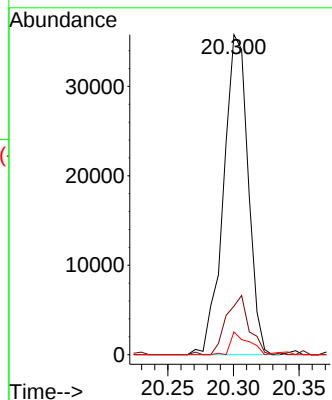
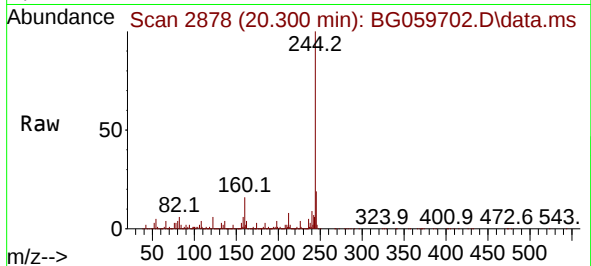




#77
Benzidine
Concen: 13.113 ng
RT: 20.300 min Scan# 2818
Delta R.T. 0.354 min
Lab File: BG059702.D
Acq: 15 Nov 2023 16:24

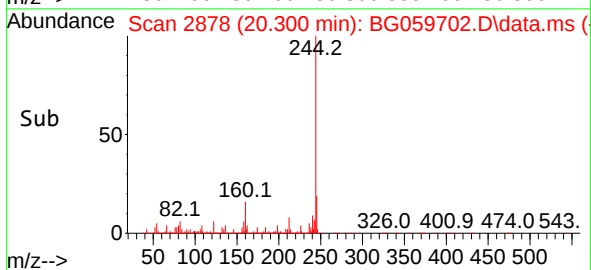
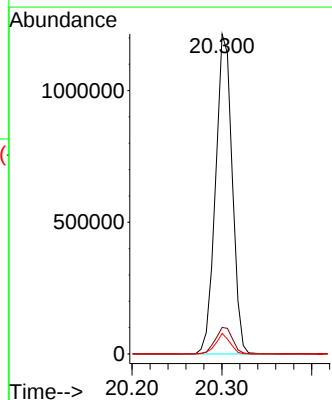
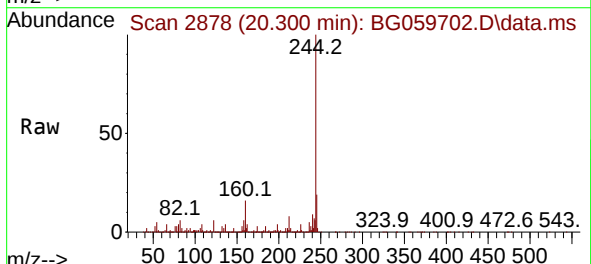
Instrument :
BNA_G
ClientSampleId :
TP-1

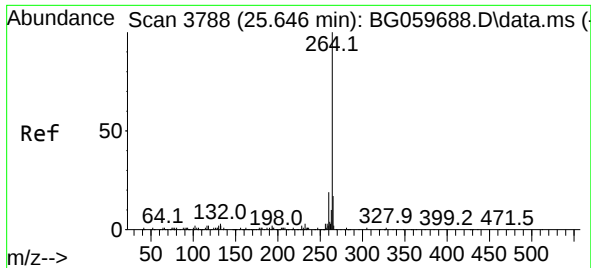
Tgt Ion:184 Resp: 46532
Ion Ratio Lower Upper
184 100
185 15.2 10.7 16.1
183 7.1 7.8 11.6#



#79
Terphenyl-d14
Concen: 153.370 ng
RT: 20.300 min Scan# 2878
Delta R.T. -0.005 min
Lab File: BG059702.D
Acq: 15 Nov 2023 16:24

Tgt Ion:244 Resp: 1561103
Ion Ratio Lower Upper
244 100
212 8.3 6.6 9.8
122 6.4 4.6 6.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.653 min Scan# 31
 Delta R.T. 0.007 min
 Lab File: BG059702.D
 Acq: 15 Nov 2023 16:24

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Tgt Ion:264 Resp: 244963
 Ion Ratio Lower Upper
 264 100
 260 23.4 15.6 23.4
 265 22.0 13.4 20.2#

