

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111523\
 Data File : BG059698.D
 Acq On : 15 Nov 2023 13:44
 Operator : MA/JU
 Sample : 05311-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Quant Time: Nov 15 18:45:00 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)

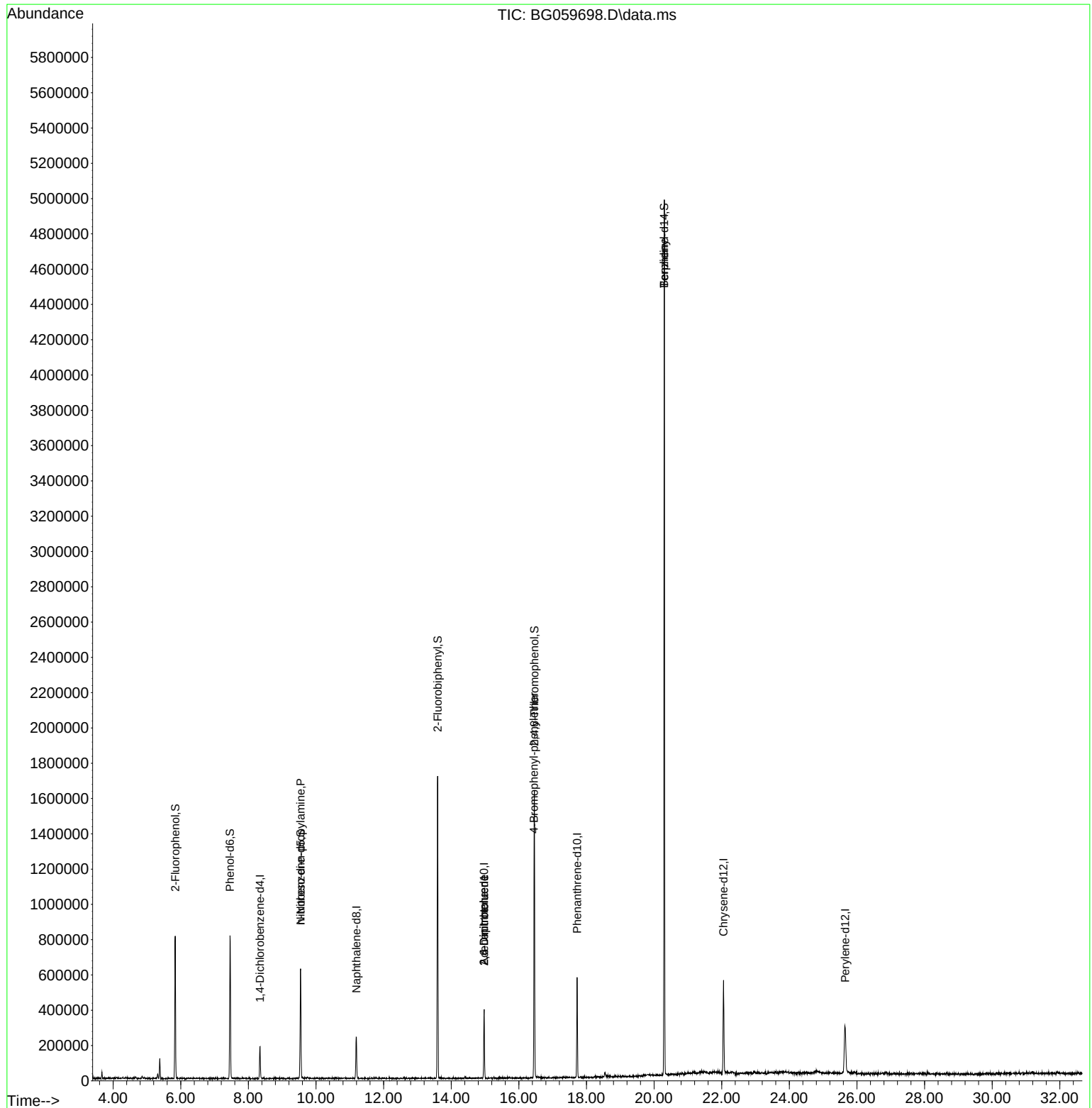
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.347	152	40578	20.000	ng	0.00
21) Naphthalene-d8	11.197	136	178009	20.000	ng	# 0.00
39) Acenaphthene-d10	14.975	164	126822	20.000	ng	0.00
64) Phenanthrene-d10	17.724	188	317803	20.000	ng	# 0.00
76) Chrysene-d12	22.055	240	330028	20.000	ng	# 0.00
86) Perylene-d12	25.650	264	354021	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.838	112	297513	126.579	ng	0.00
7) Phenol-d6	7.460	99	393354	110.741	ng	0.00
23) Nitrobenzene-d5	9.546	82	397637	96.030	ng	0.00
42) 2,4,6-Tribromophenol	16.461	330	225902	157.835	ng	0.00
45) 2-Fluorobiphenyl	13.600	172	782304	83.165	ng	0.00
79) Terphenyl-d14	20.304	244	2013899	125.901	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.682	88	263	Below Cal	#	50
3) Pyridine	4.046	79	60	Below Cal	#	44
19) n-Nitroso-di-n-propyla...	9.546	70	61779	22.578	ng	# 78
51) 2,6-Dinitrotoluene	14.975	165	15001	8.046	ng	# 2
57) 2,4-Dinitrotoluene	14.975	165	15001	5.473	ng	# 6
67) 4-Bromophenyl-phenylether	16.449	248	14644	4.380	ng	# 1
77) Benzidine	20.304	184	53909	9.667	ng	# 89
78) Pyrene	20.298	202	10636	Below Cal	#	76

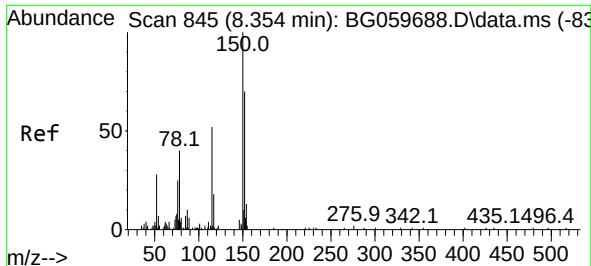
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

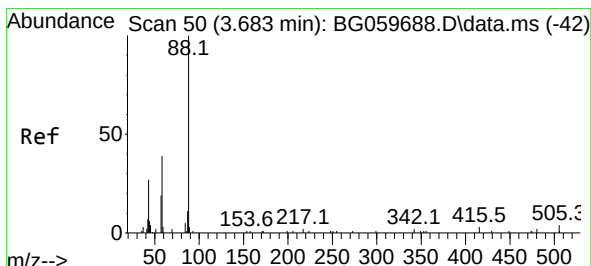
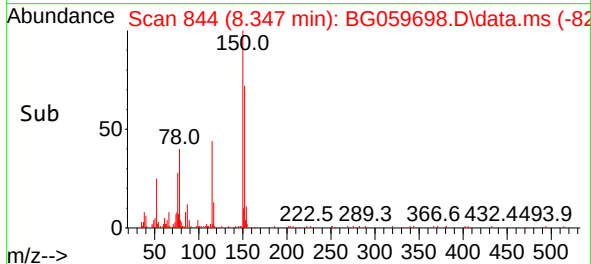
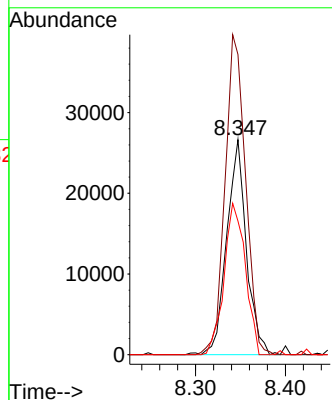
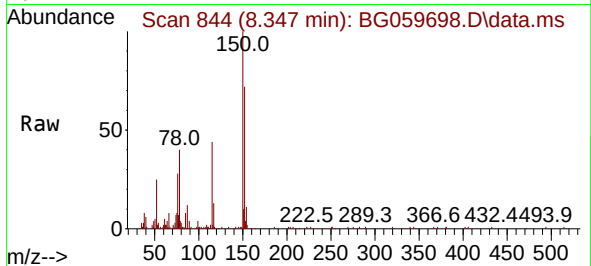




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.347 min Scan# 84
Delta R.T. -0.007 min
Lab File: BG059698.D
Acq: 15 Nov 2023 13:44

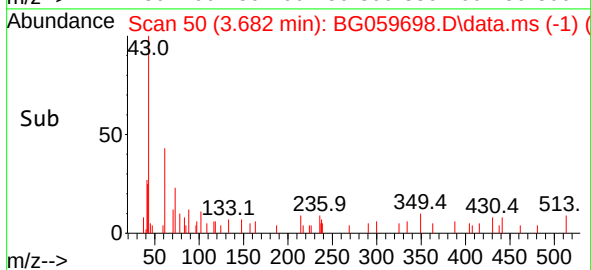
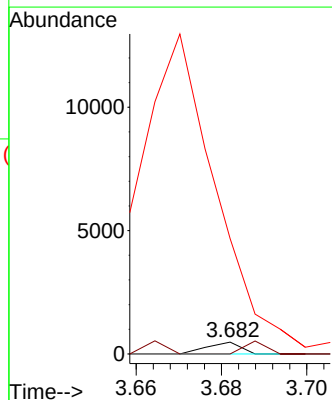
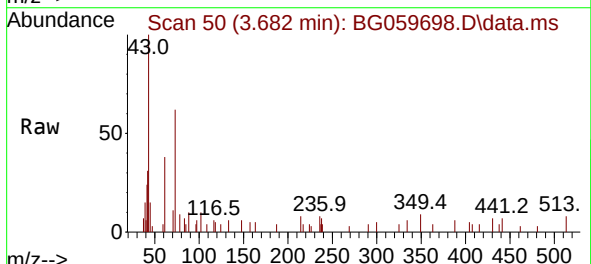
Instrument :
BNA_G
ClientSampleId :
TP-3

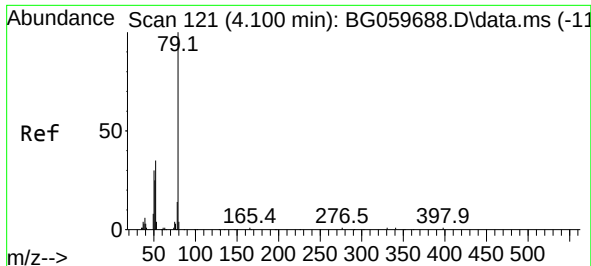
Tgt Ion:152 Resp: 40578
Ion Ratio Lower Upper
152 100
150 139.6 113.9 170.9
115 62.1 59.4 89.2



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.682 min Scan# 50
Delta R.T. -0.001 min
Lab File: BG059698.D
Acq: 15 Nov 2023 13:44

Tgt Ion: 88 Resp: 263
Ion Ratio Lower Upper
88 100
58 70.0 30.5 45.7#
43 0.0 17.7 26.5#





#3

Pyridine

Concen: Below Cal

RT: 4.046 min Scan# 11

Delta R.T. -0.054 min

Lab File: BG059698.D

Acq: 15 Nov 2023 13:44

Instrument :

BNA_G

ClientSampleId :

TP-3

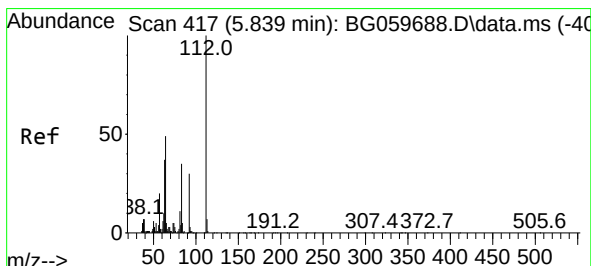
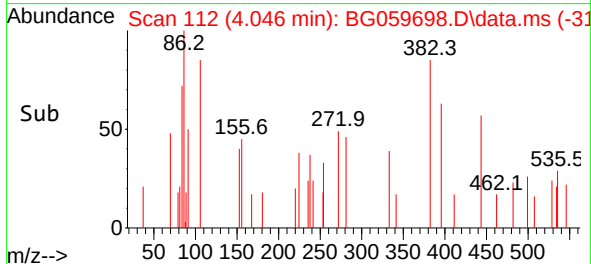
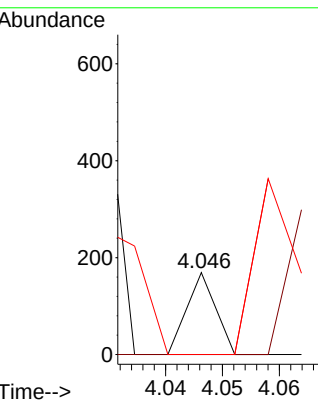
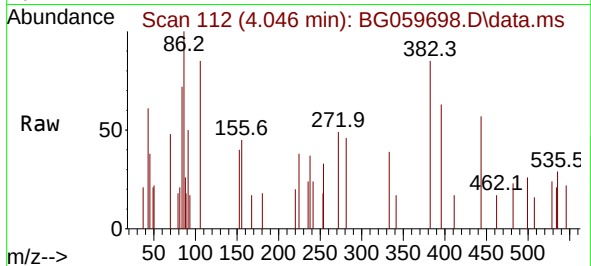
Tgt Ion: 79 Resp: 60

Ion Ratio Lower Upper

79 100

52 0.0 27.8 41.8#

51 0.0 20.2 30.2#



#5

2-Fluorophenol

Concen: 126.579 ng

RT: 5.838 min Scan# 417

Delta R.T. -0.001 min

Lab File: BG059698.D

Acq: 15 Nov 2023 13:44

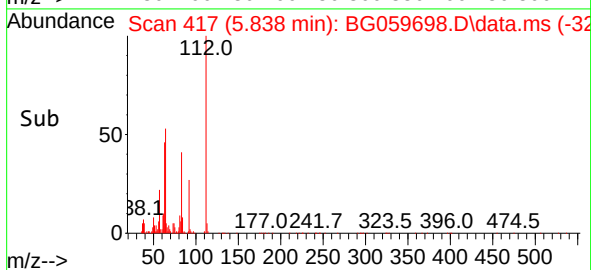
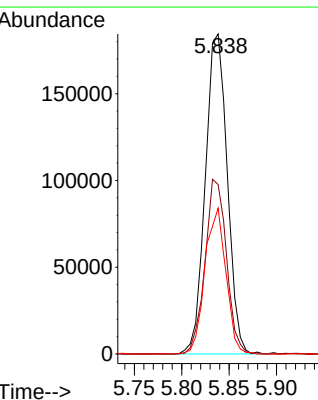
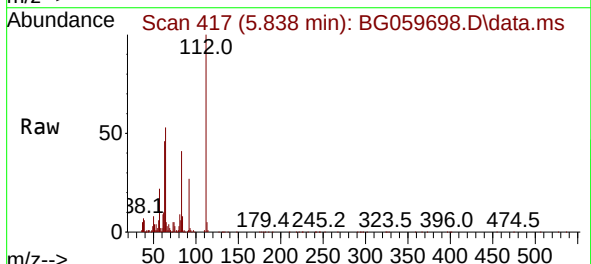
Tgt Ion:112 Resp: 297513

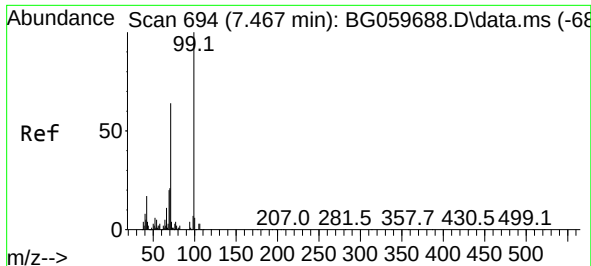
Ion Ratio Lower Upper

112 100

64 52.9 39.0 58.6

63 45.5 29.8 44.6#

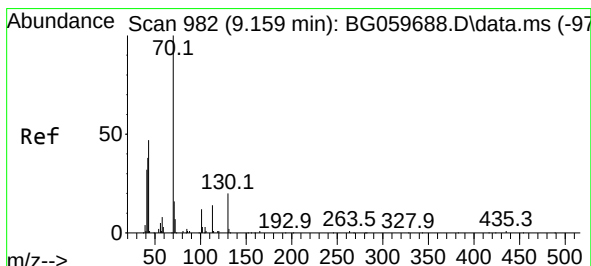
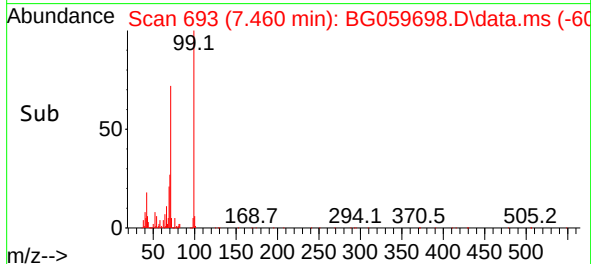
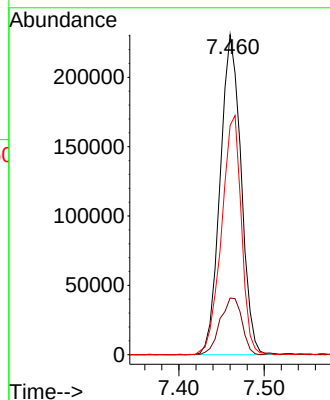
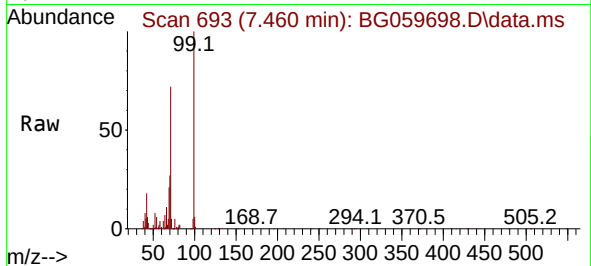




#7
Phenol-d6
Concen: 110.741 ng
RT: 7.460 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG059698.D
Acq: 15 Nov 2023 13:44

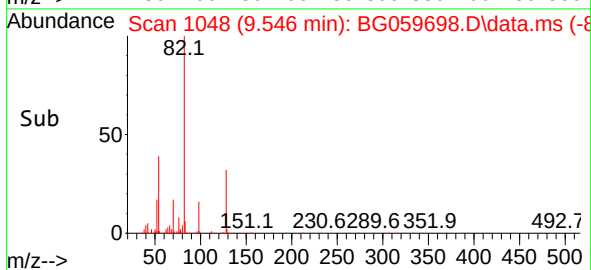
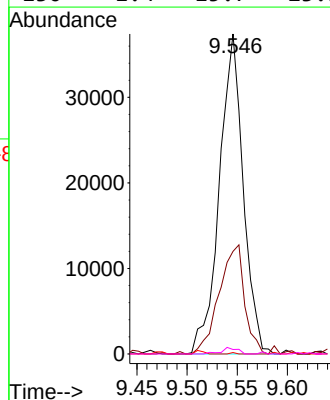
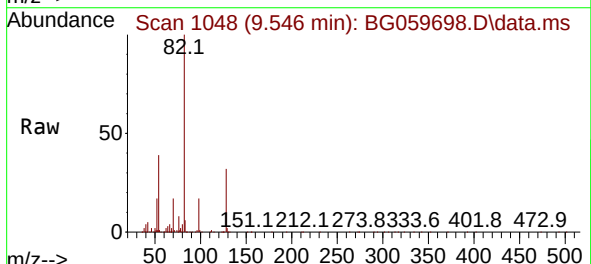
Instrument :
BNA_G
ClientSampleId :
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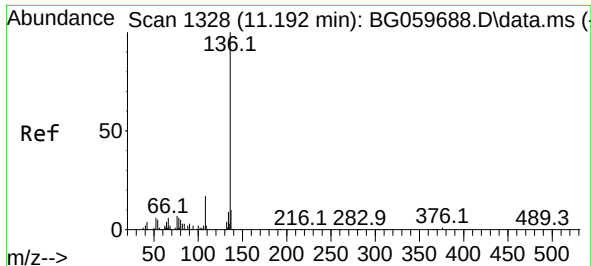
Tgt Ion: 99 Resp: 393354
Ion Ratio Lower Upper
99 100
42 17.7 13.2 19.8
71 71.6 51.3 76.9



#19
n-Nitroso-di-n-propylamine
Concen: 22.578 ng
RT: 9.546 min Scan# 1048
Delta R.T. 0.387 min
Lab File: BG059698.D
Acq: 15 Nov 2023 13:44

Tgt Ion: 70 Resp: 61779
Ion Ratio Lower Upper
70 100
42 32.1 30.8 46.2
101 0.5 9.4 14.2#
130 1.4 15.7 23.5#

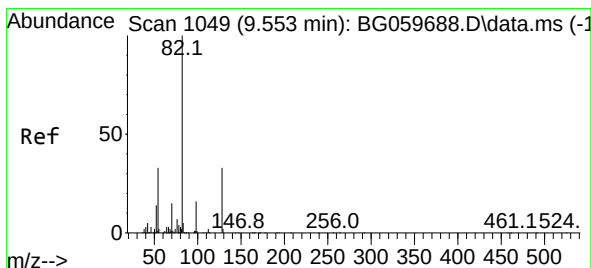
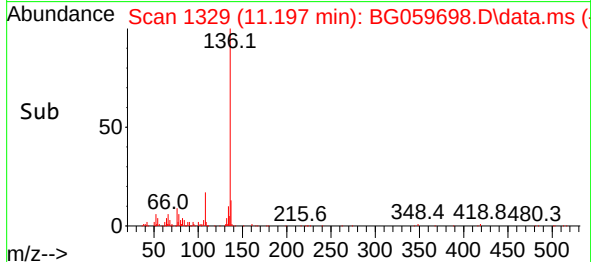
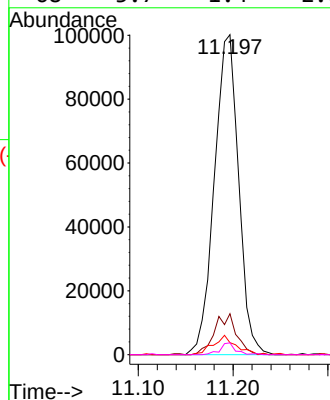
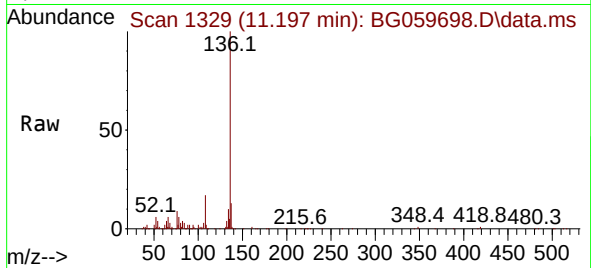




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.197 min Scan# 11
Delta R.T. 0.005 min
Lab File: BG059698.D
Acq: 15 Nov 2023 13:44

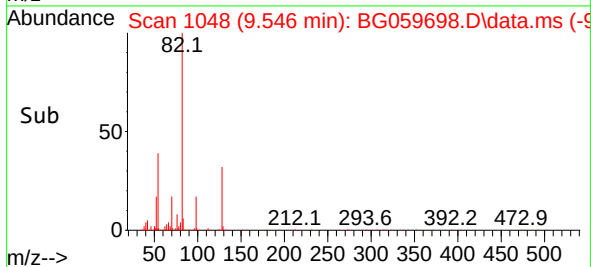
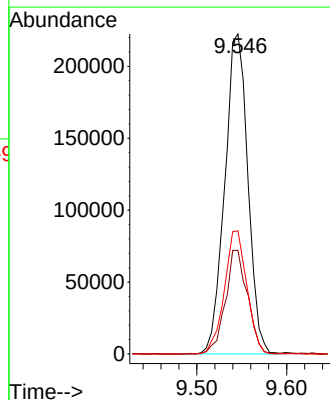
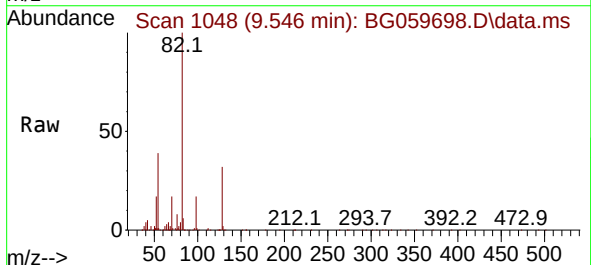
Instrument :
BNA_G
ClientSampleId :
TP-3

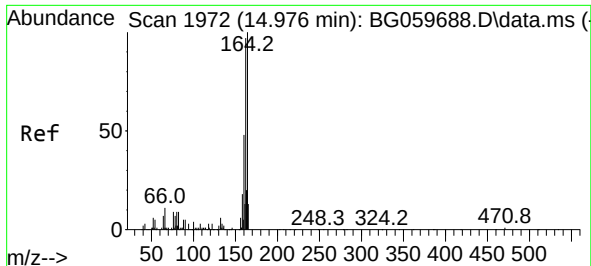
Tgt Ion:136 Resp: 178009
Ion Ratio Lower Upper
136 100
137 12.8 7.7 11.5#
54 3.7 4.2 6.2#
68 3.7 1.4 2.0#



#23
Nitrobenzene-d5
Concen: 96.030 ng
RT: 9.546 min Scan# 1048
Delta R.T. -0.007 min
Lab File: BG059698.D
Acq: 15 Nov 2023 13:44

Tgt Ion: 82 Resp: 397637
Ion Ratio Lower Upper
82 100
128 32.4 26.3 39.5
54 38.5 26.6 39.8

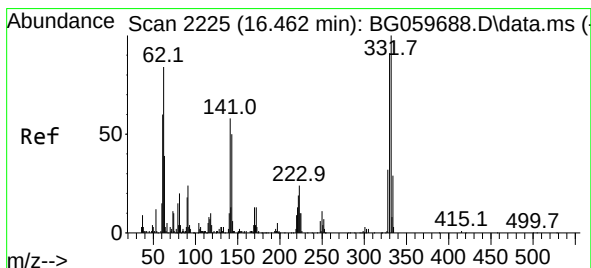
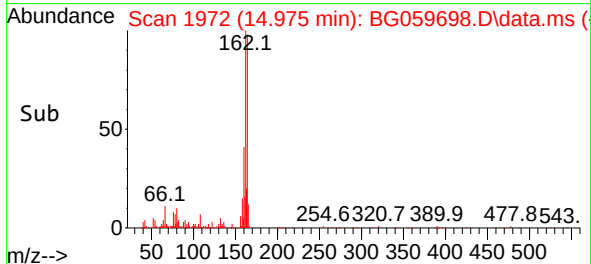
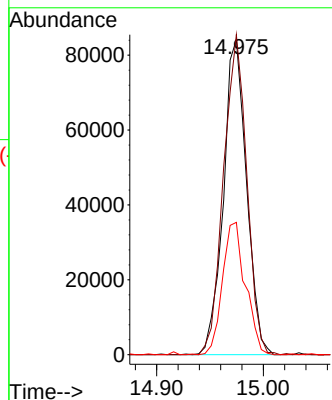
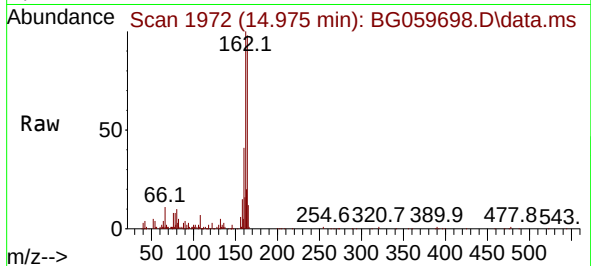




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.975 min Scan# 1972
Delta R.T. -0.001 min
Lab File: BG059698.D
Acq: 15 Nov 2023 13:44

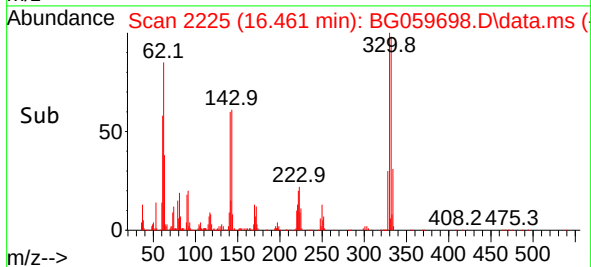
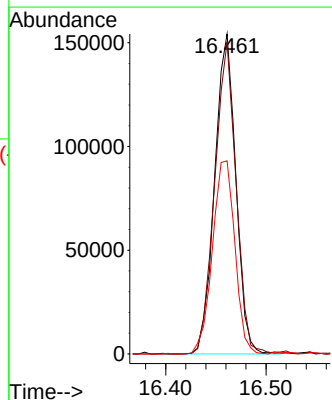
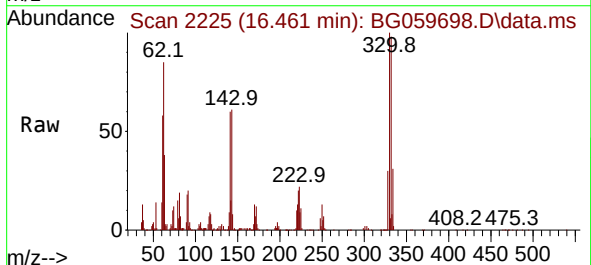
Instrument :
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ClientSampleId :
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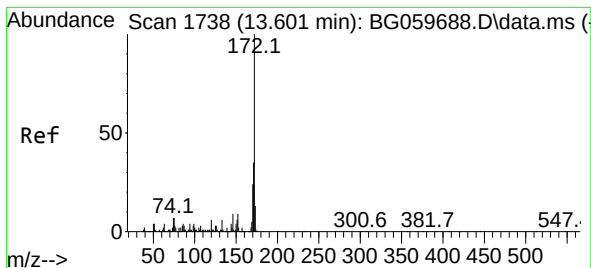
Tgt Ion:164 Resp: 126822
Ion Ratio Lower Upper
164 100
162 101.5 77.8 116.6
160 42.0 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 157.835 ng
RT: 16.461 min Scan# 2225
Delta R.T. -0.001 min
Lab File: BG059698.D
Acq: 15 Nov 2023 13:44

Tgt Ion:330 Resp: 225902
Ion Ratio Lower Upper
330 100
332 98.2 80.7 121.1
141 64.1 51.0 76.6

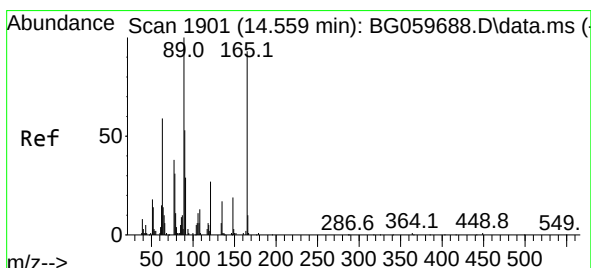
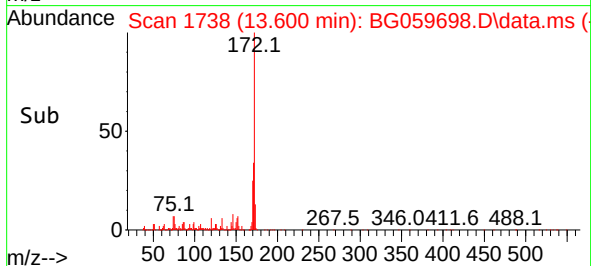
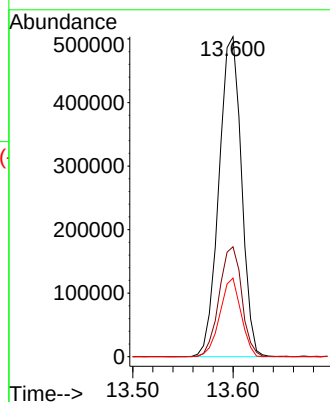
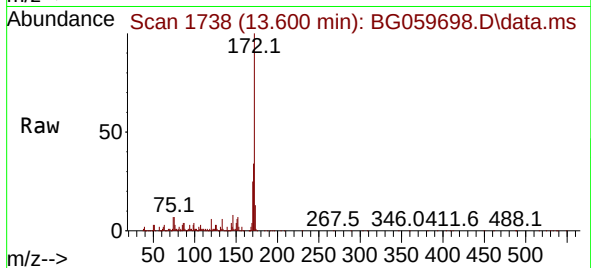




#45
2-Fluorobiphenyl
Concen: 83.165 ng
RT: 13.600 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG059698.D
Acq: 15 Nov 2023 13:44

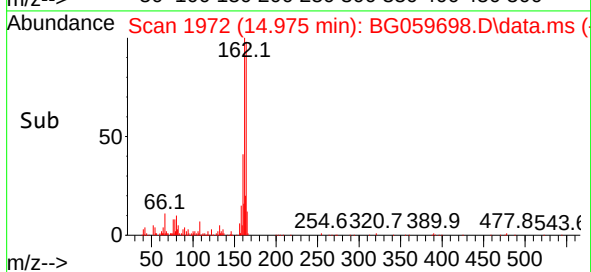
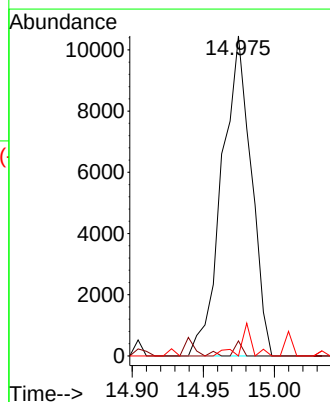
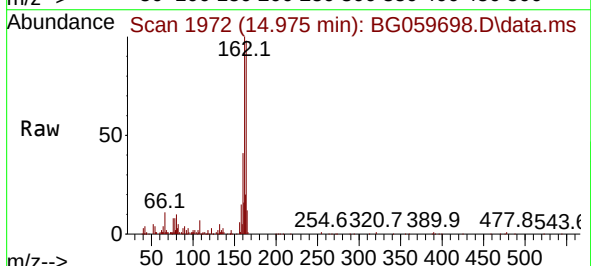
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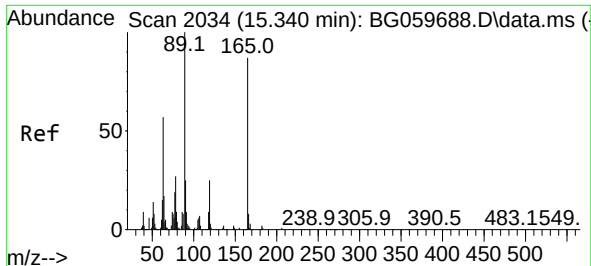
Tgt Ion:172 Resp: 782304
Ion Ratio Lower Upper
172 100
171 34.4 27.9 41.9
170 24.6 19.0 28.4



#51
2,6-Dinitrotoluene
Concen: 8.046 ng
RT: 14.975 min Scan# 1972
Delta R.T. 0.416 min
Lab File: BG059698.D
Acq: 15 Nov 2023 13:44

Tgt Ion:165 Resp: 15001
Ion Ratio Lower Upper
165 100
63 4.7 73.6 110.4#
89 0.0 87.0 130.6#

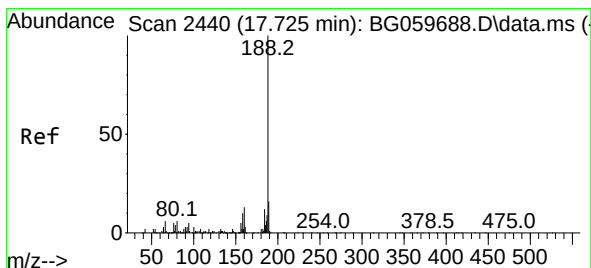
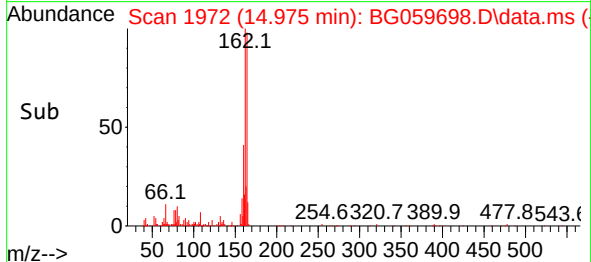
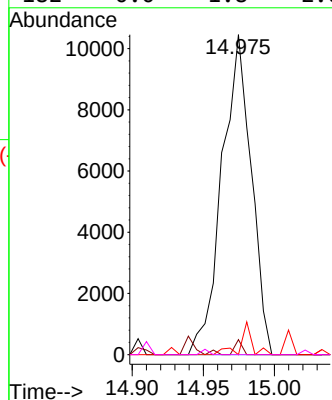
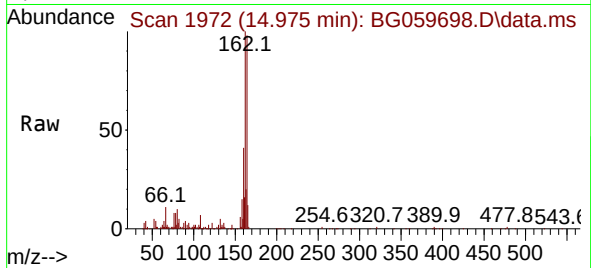




#57
2,4-Dinitrotoluene
Concen: 5.473 ng
RT: 14.975 min Scan# 1972
Delta R.T. -0.365 min
Lab File: BG059698.D
Acq: 15 Nov 2023 13:44

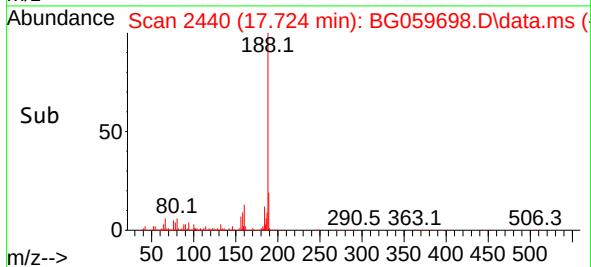
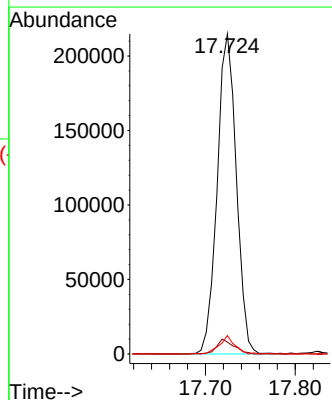
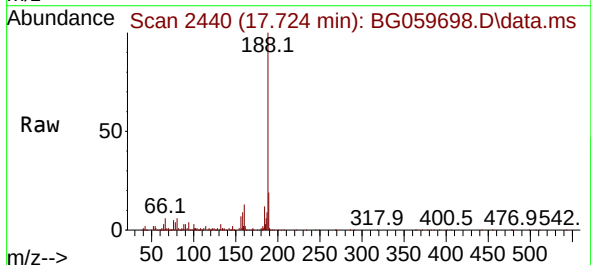
Instrument :
BNA_G
ClientSampleId :
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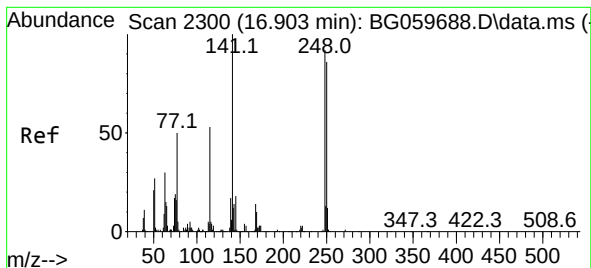
Tgt Ion:165 Resp: 15001
Ion Ratio Lower Upper
165 100
63 4.7 52.2 78.2#
89 0.0 91.8 137.6#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.724 min Scan# 2440
Delta R.T. -0.001 min
Lab File: BG059698.D
Acq: 15 Nov 2023 13:44

Tgt Ion:188 Resp: 317803
Ion Ratio Lower Upper
188 100
94 3.7 3.9 5.9#
80 5.7 4.5 6.7

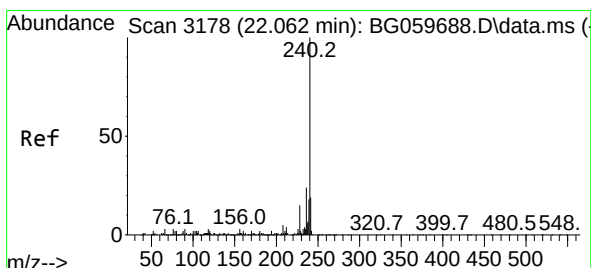
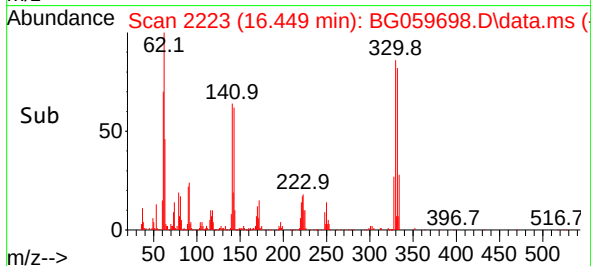
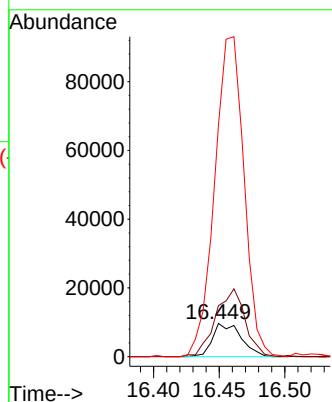
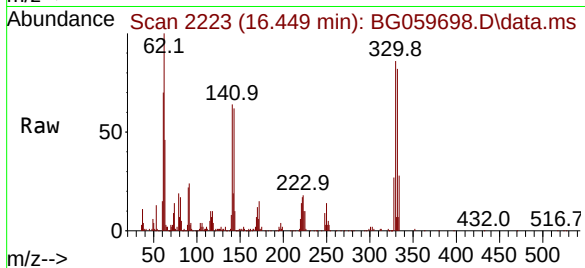




#67
4-Bromophenyl-phenylether
Concen: 4.380 ng
RT: 16.449 min Scan# 21
Delta R.T. -0.453 min
Lab File: BG059698.D
Acq: 15 Nov 2023 13:44

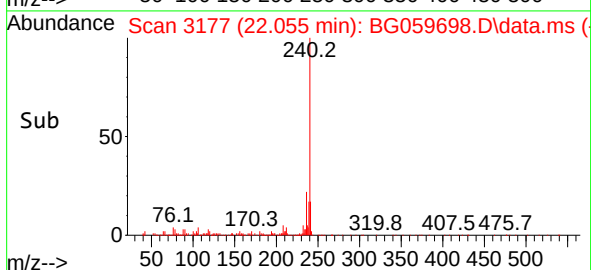
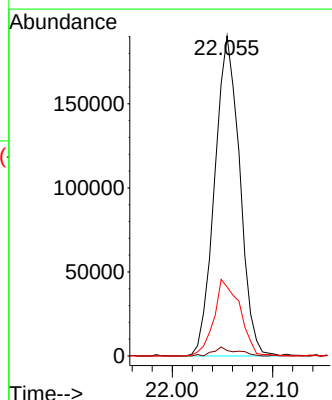
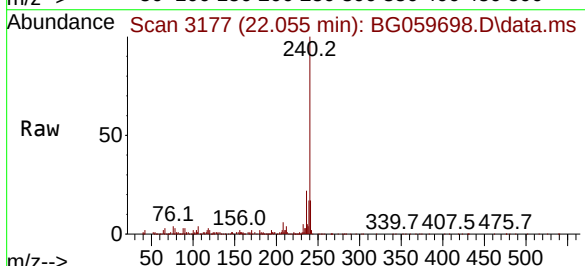
Instrument :
BNA_G
ClientSampleId :
TP-3

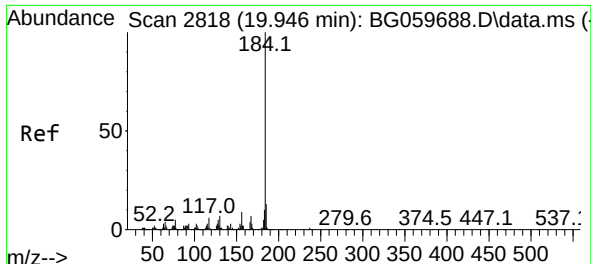
Tgt Ion:248 Resp: 14644
Ion Ratio Lower Upper
248 100
250 153.5 74.5 111.7#
141 696.1 86.6 129.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.055 min Scan# 3177
Delta R.T. -0.007 min
Lab File: BG059698.D
Acq: 15 Nov 2023 13:44

Tgt Ion:240 Resp: 330028
Ion Ratio Lower Upper
240 100
120 1.7 2.6 3.8#
236 21.6 19.4 29.0

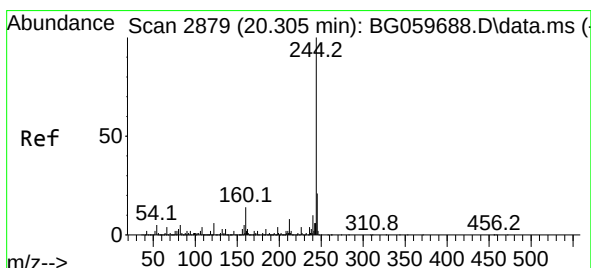
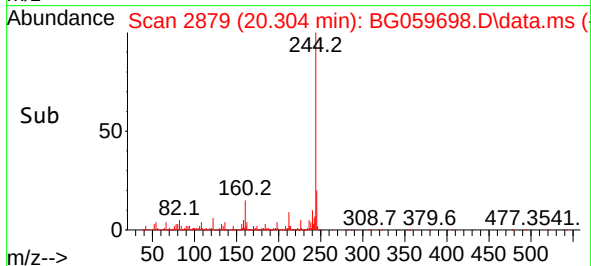
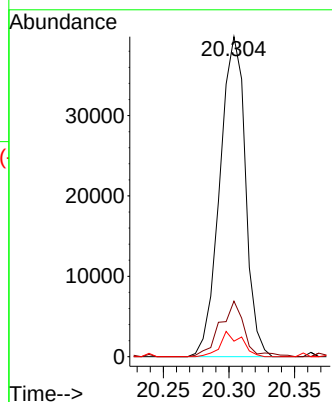
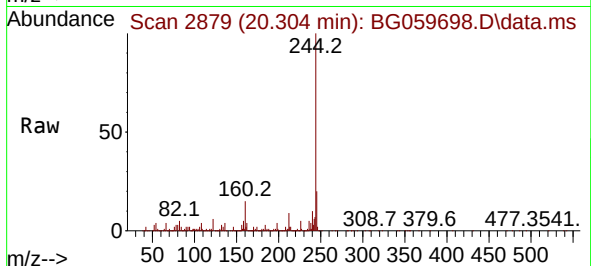




#77
Benzidine
Concen: 9.667 ng
RT: 20.304 min Scan# 2879
Delta R.T. 0.358 min
Lab File: BG059698.D
Acq: 15 Nov 2023 13:44

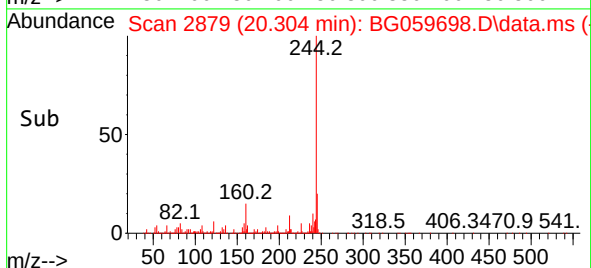
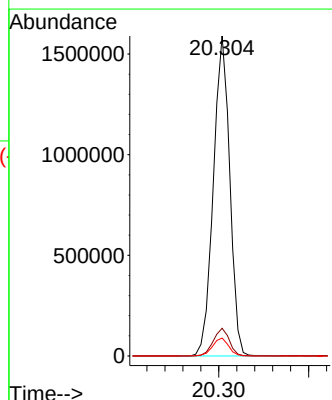
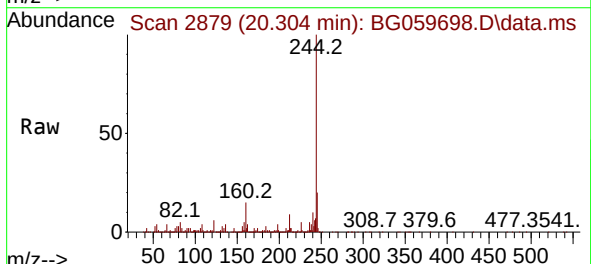
Instrument :
BNA_G
ClientSampleId :
TP-3

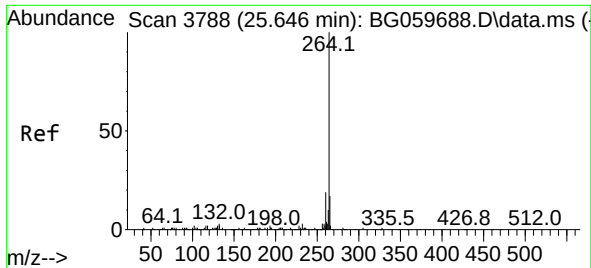
Tgt Ion:184 Resp: 53909
Ion Ratio Lower Upper
184 100
185 17.4 10.7 16.1#
183 4.9 7.8 11.6#



#79
Terphenyl-d14
Concen: 125.901 ng
RT: 20.304 min Scan# 2879
Delta R.T. -0.001 min
Lab File: BG059698.D
Acq: 15 Nov 2023 13:44

Tgt Ion:244 Resp: 2013899
Ion Ratio Lower Upper
244 100
212 8.7 6.6 9.8
122 5.6 4.6 6.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.650 min Scan# 31
Delta R.T. 0.005 min
Lab File: BG059698.D
Acq: 15 Nov 2023 13:44

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:264 Resp: 354021

Ion	Ratio	Lower	Upper
264	100		
260	21.9	15.6	23.4
265	20.1	13.4	20.2

