

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111523\
 Data File : BG059709.D
 Acq On : 15 Nov 2023 21:07
 Operator : MA/JU
 Sample : 05102-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 67S-IDW-01RE

Quant Time: Nov 16 02:52:24 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)

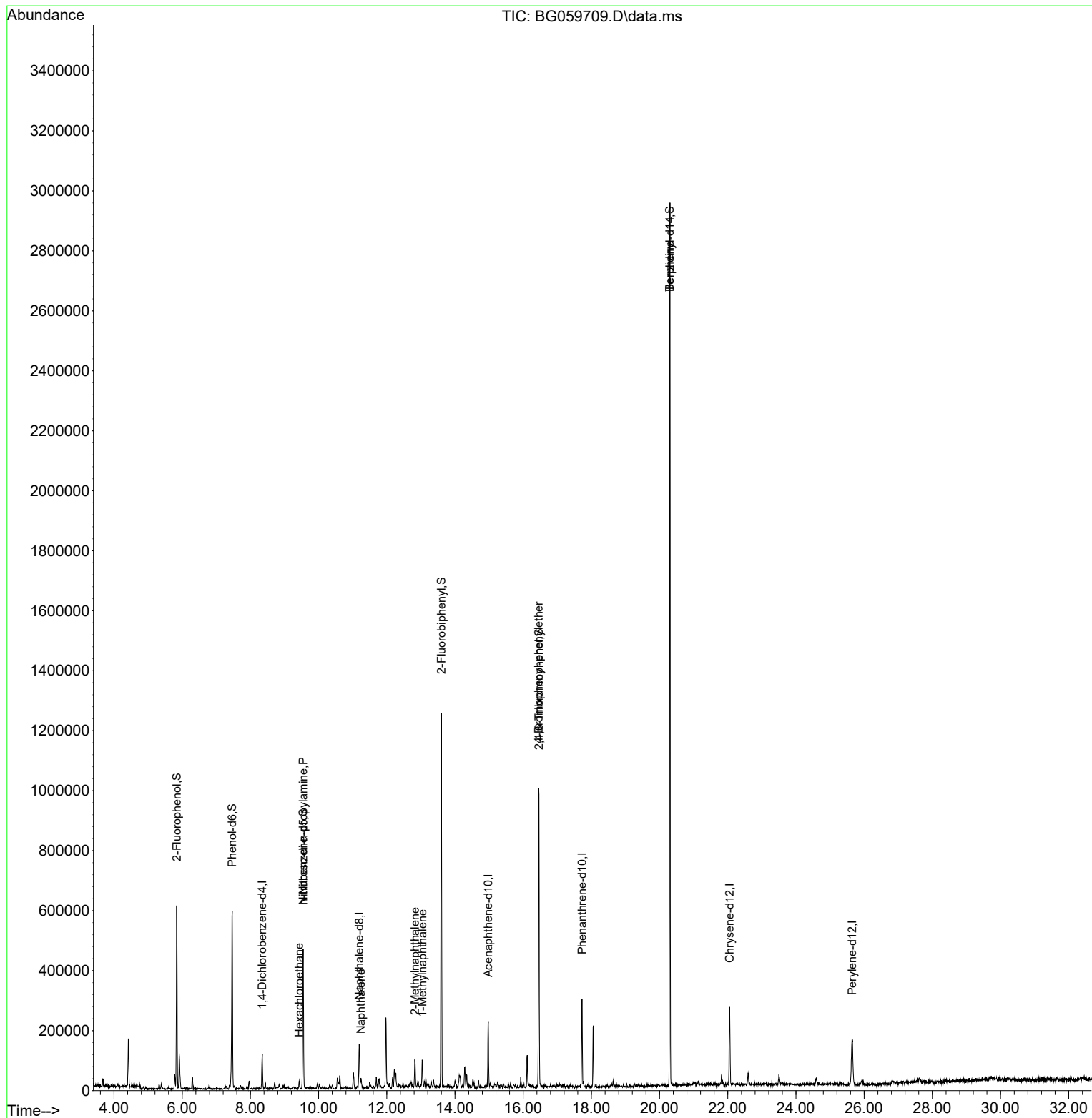
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.347	152	22264	20.000	ng	# 0.00
21) Naphthalene-d8	11.191	136	100093	20.000	ng	# 0.00
39) Acenaphthene-d10	14.975	164	68170	20.000	ng	0.00
64) Phenanthrene-d10	17.725	188	158383	20.000	ng	0.00
76) Chrysene-d12	22.055	240	156701	20.000	ng	0.00
86) Perylene-d12	25.645	264	184139	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.838	112	205961	159.708	ng	0.00
7) Phenol-d6	7.466	99	267823	137.423	ng	0.00
23) Nitrobenzene-d5	9.546	82	269888	115.915	ng	0.00
42) 2,4,6-Tribromophenol	16.461	330	131588	171.041	ng	0.00
45) 2-Fluorobiphenyl	13.600	172	529798	104.779	ng	0.00
79) Terphenyl-d14	20.304	244	1174270	154.611	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.676	88	193	Below Cal	#	1
3) Pyridine	4.093	79	232	Below Cal	#	44
18) Hexachloroethane	9.428	117	2664	4.155	ng	# 1
19) n-Nitroso-di-n-propyla...	9.546	70	45695	30.437	ng	# 81
31) Naphthalene	11.238	128	23967	4.743	ng	# 94
37) 2-Methylnaphthalene	12.824	142	34872	8.262	ng	# 79
38) 1-Methylnaphthalene	13.042	142	32152	8.293	ng	# 84
67) 4-Bromophenyl-phenylether	16.455	248	8310	4.987	ng	# 1
77) Benzidine	20.304	184	38152	14.409	ng	# 94
78) Pyrene	20.116	202	1429	Below Cal	#	94

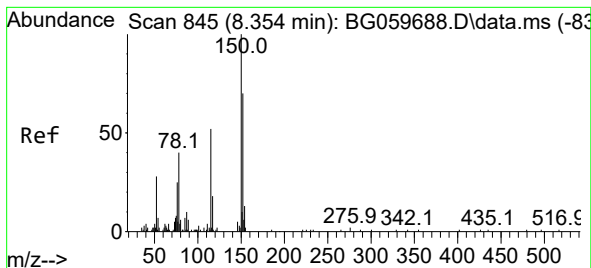
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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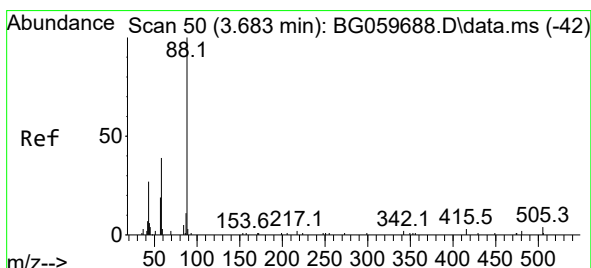
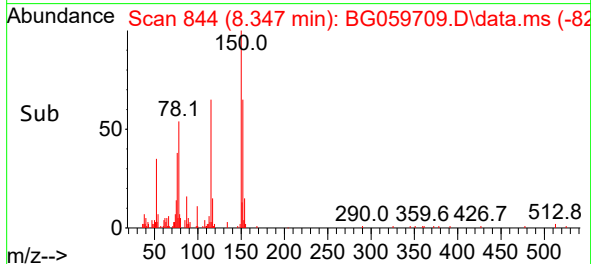
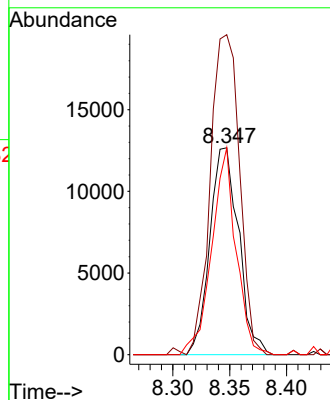
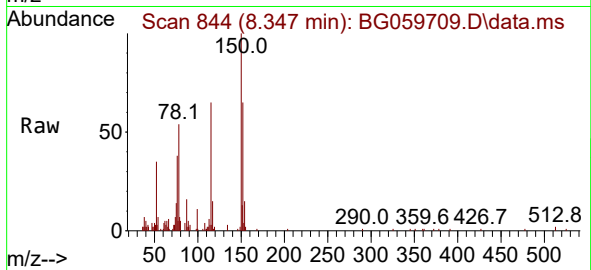




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.347 min Scan# 84
Delta R.T. -0.007 min
Lab File: BG059709.D
Acq: 15 Nov 2023 21:07

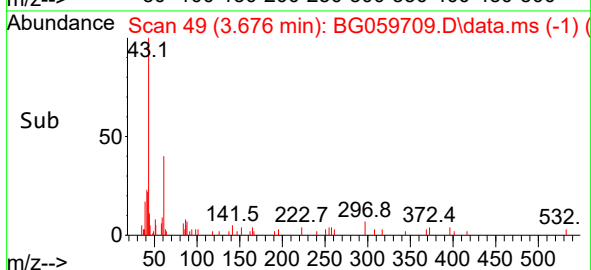
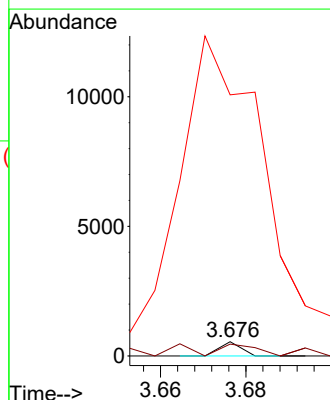
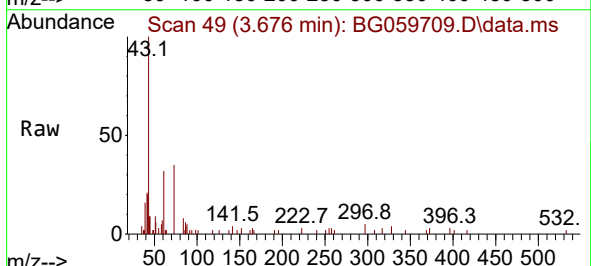
Instrument :
BNA_G
ClientSampleId :
67S-IDW-01RE

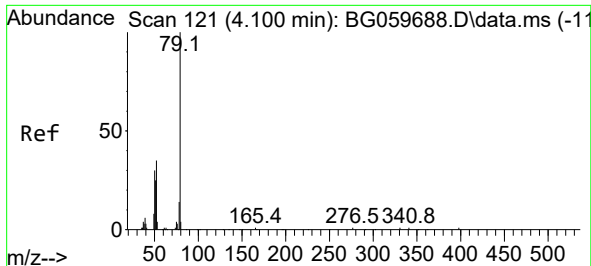
Tgt Ion:152 Resp: 22264
Ion Ratio Lower Upper
152 100
150 154.7 113.9 170.9
115 100.0 59.4 89.2#



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.676 min Scan# 49
Delta R.T. -0.007 min
Lab File: BG059709.D
Acq: 15 Nov 2023 21:07

Tgt Ion: 88 Resp: 193
Ion Ratio Lower Upper
88 100
58 199.0 30.5 45.7#
43 9874.1 17.7 26.5#





#3

Pyridine

Concen: Below Cal

RT: 4.093 min Scan# 11

Delta R.T. -0.007 min

Lab File: BG059709.D

Acq: 15 Nov 2023 21:07

Instrument :

BNA_G

ClientSampleId :

67S-IDW-01RE

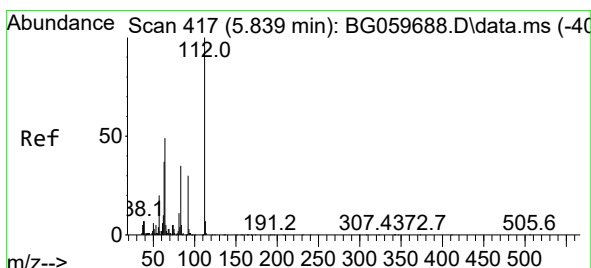
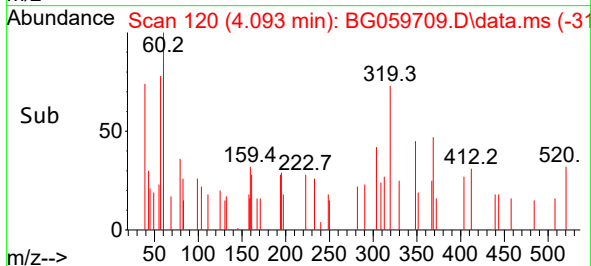
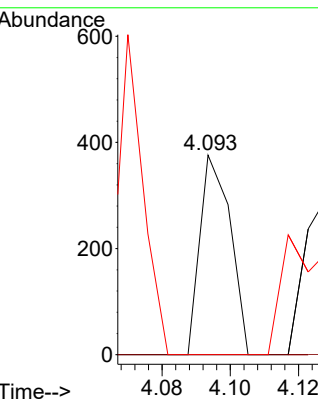
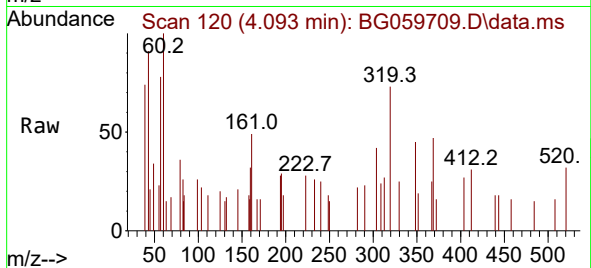
Tgt Ion: 79 Resp: 232

Ion Ratio Lower Upper

79 100

52 0.0 27.8 41.8#

51 0.0 20.2 30.2#



#5

2-Fluorophenol

Concen: 159.708 ng

RT: 5.838 min Scan# 417

Delta R.T. -0.001 min

Lab File: BG059709.D

Acq: 15 Nov 2023 21:07

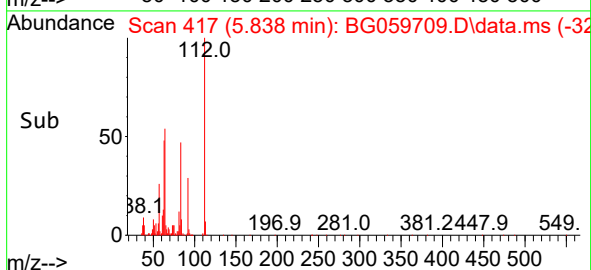
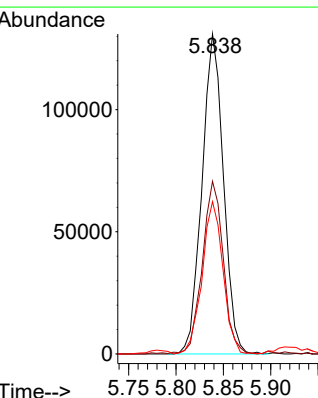
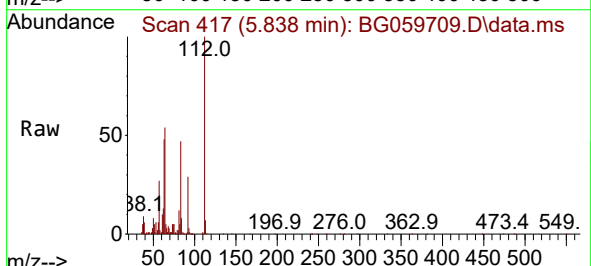
Tgt Ion:112 Resp: 205961

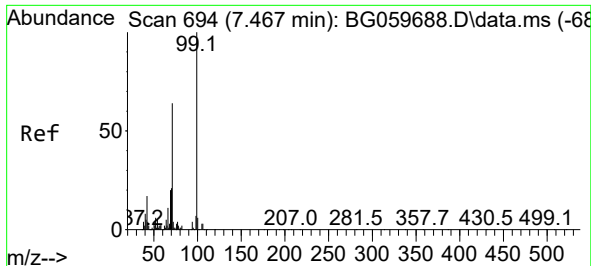
Ion Ratio Lower Upper

112 100

64 53.9 39.0 58.6

63 47.6 29.8 44.6#

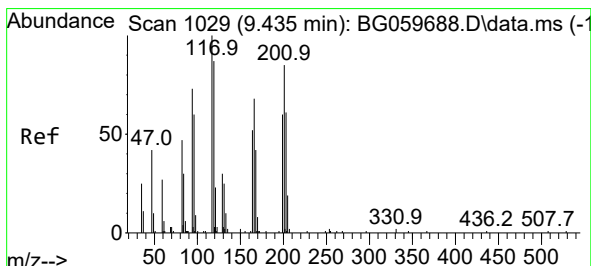
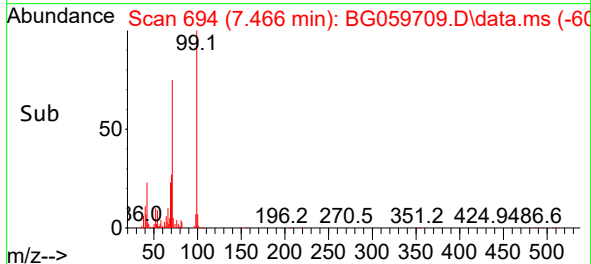
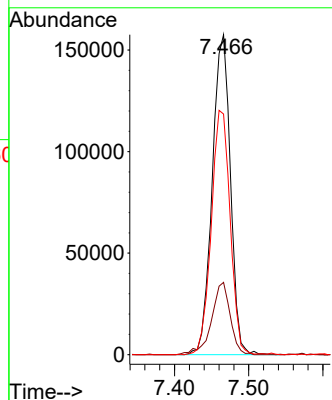
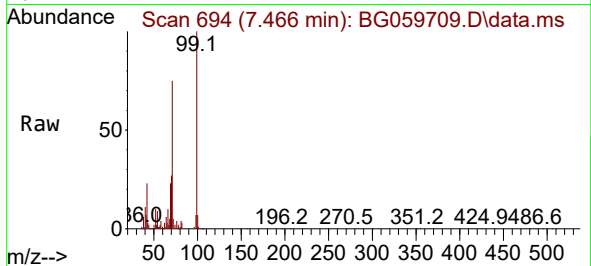




#7
Phenol-d6
Concen: 137.423 ng
RT: 7.466 min Scan# 694
Delta R.T. -0.001 min
Lab File: BG059709.D
Acq: 15 Nov 2023 21:07

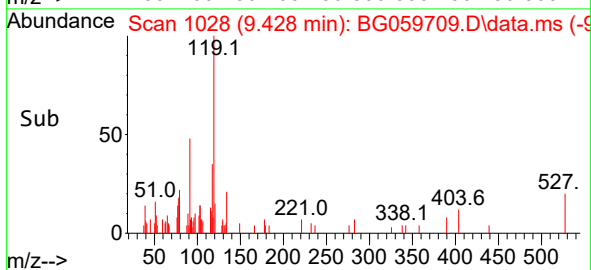
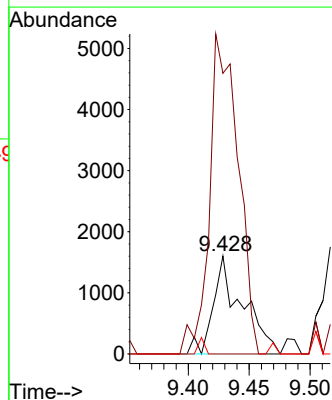
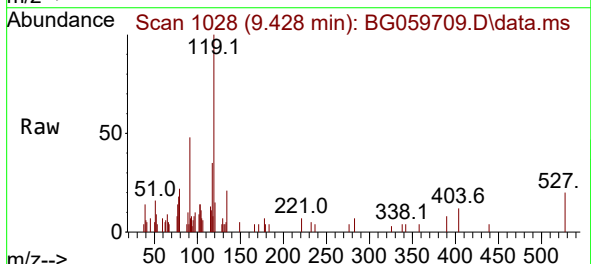
Instrument :
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ClientSampleId :
67S-IDW-01RE

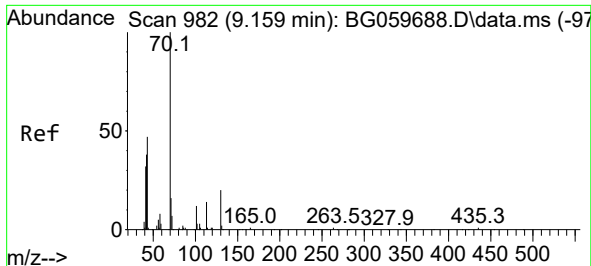
Tgt Ion: 99 Resp: 267823
Ion Ratio Lower Upper
99 100
42 22.6 13.2 19.8#
71 75.2 51.3 76.9



#18
Hexachloroethane
Concen: 4.155 ng
RT: 9.428 min Scan# 1028
Delta R.T. -0.007 min
Lab File: BG059709.D
Acq: 15 Nov 2023 21:07

Tgt Ion: 117 Resp: 2664
Ion Ratio Lower Upper
117 100
119 286.6 69.2 103.8#
201 0.0 69.4 104.2#

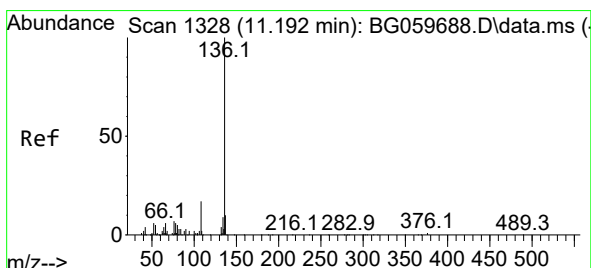
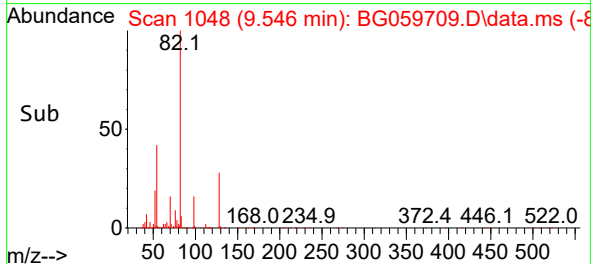
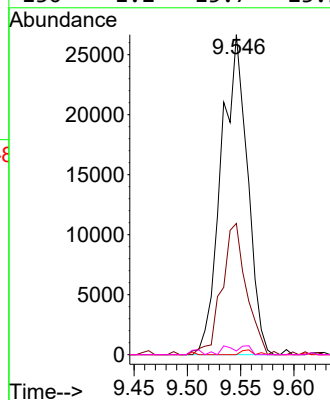
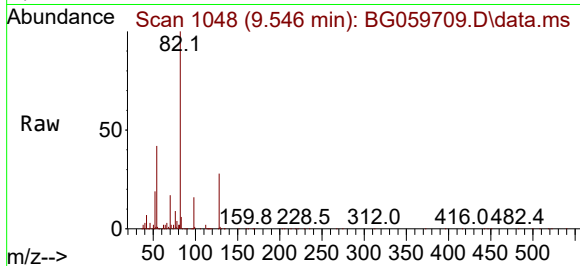




#19
n-Nitroso-di-n-propylamine
Concen: 30.437 ng
RT: 9.546 min Scan# 1048
Delta R.T. 0.387 min
Lab File: BG059709.D
Acq: 15 Nov 2023 21:07

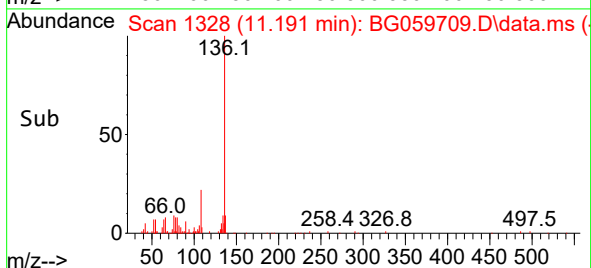
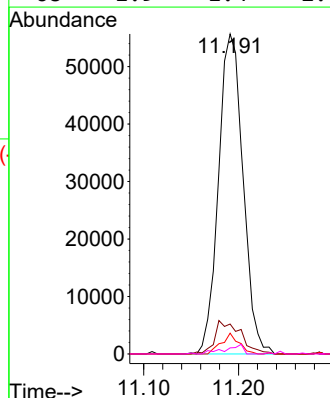
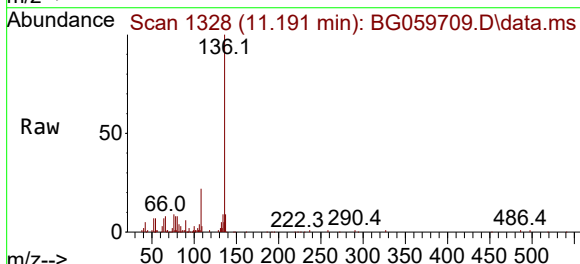
Instrument :
BNA_G
ClientSampleId :
67S-IDW-01RE

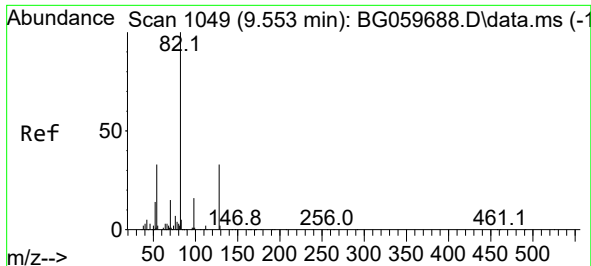
Tgt Ion:	70	Resp:	45695
Ion	Ratio	Lower	Upper
70	100		
42	41.0	30.8	46.2
101	0.0	9.4	14.2#
130	1.2	15.7	23.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.191 min Scan# 1328
Delta R.T. -0.001 min
Lab File: BG059709.D
Acq: 15 Nov 2023 21:07

Tgt Ion:	136	Resp:	100093
Ion	Ratio	Lower	Upper
136	100		
137	9.4	7.7	11.5
54	6.5	4.2	6.2#
68	1.9	1.4	2.0

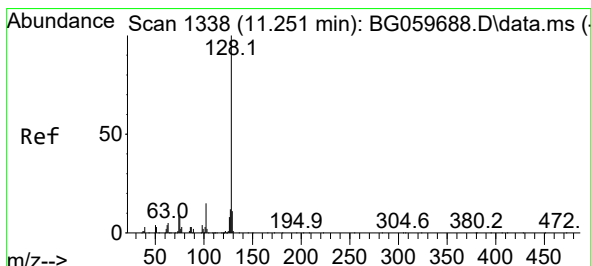
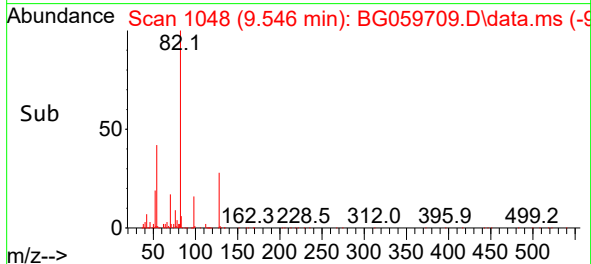
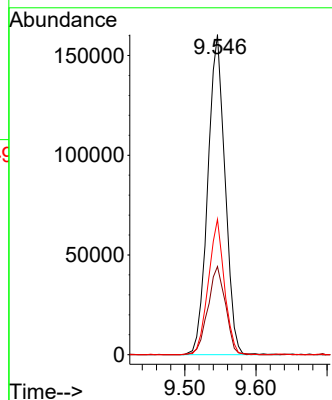
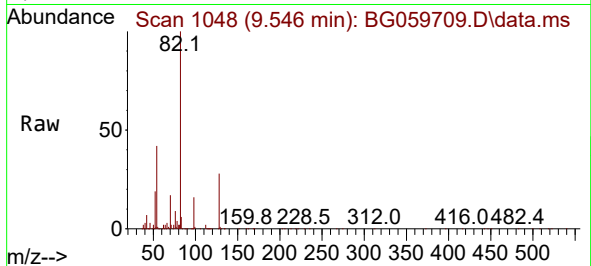




#23
Nitrobenzene-d5
Concen: 115.915 ng
RT: 9.546 min Scan# 1048
Delta R.T. -0.007 min
Lab File: BG059709.D
Acq: 15 Nov 2023 21:07

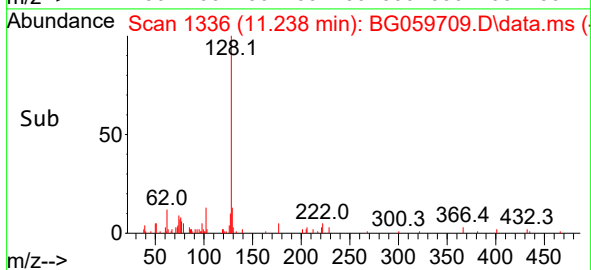
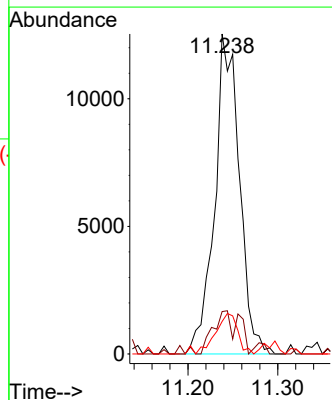
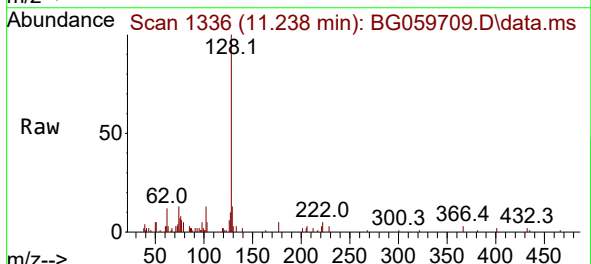
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ClientSampleId :
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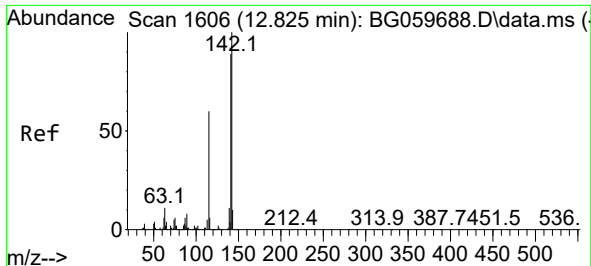
Tgt Ion: 82 Resp: 269888
Ion Ratio Lower Upper
82 100
128 27.6 26.3 39.5
54 42.3 26.6 39.8#



#31
Naphthalene
Concen: 4.743 ng
RT: 11.238 min Scan# 1336
Delta R.T. -0.013 min
Lab File: BG059709.D
Acq: 15 Nov 2023 21:07

Tgt Ion: 128 Resp: 23967
Ion Ratio Lower Upper
128 100
129 13.3 8.6 12.8#
127 10.1 9.8 14.6

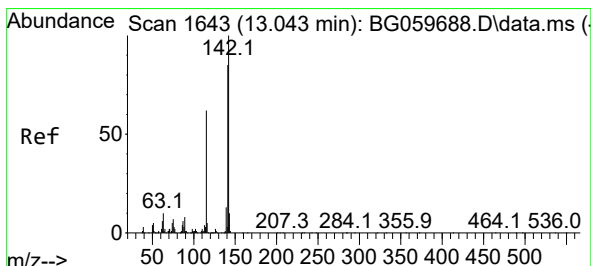
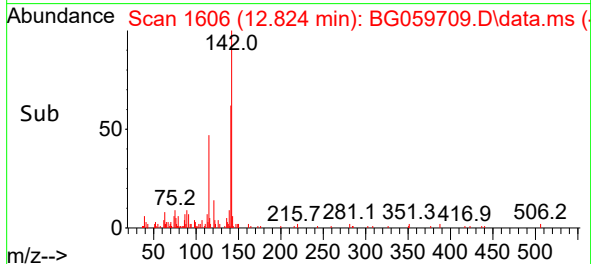
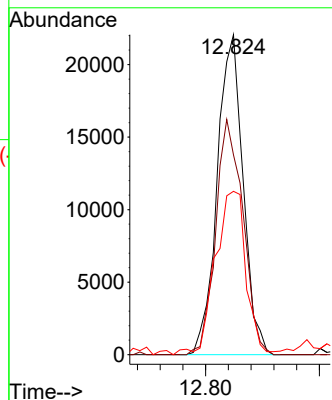
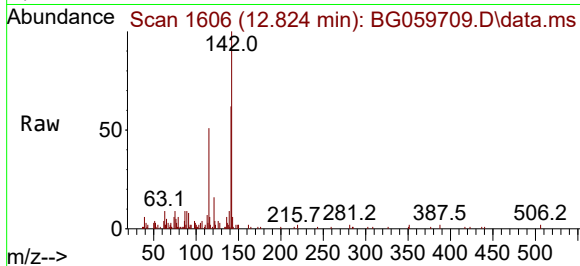




#37
2-Methylnaphthalene
Concen: 8.262 ng
RT: 12.824 min Scan# 1606
Delta R.T. -0.001 min
Lab File: BG059709.D
Acq: 15 Nov 2023 21:07

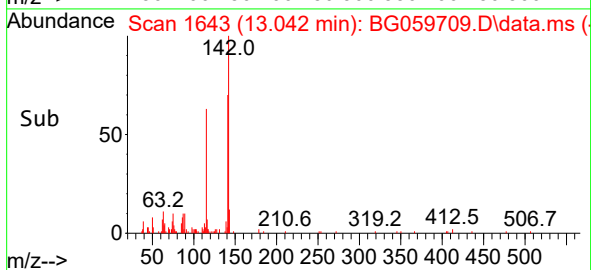
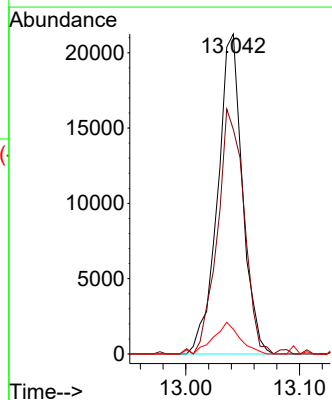
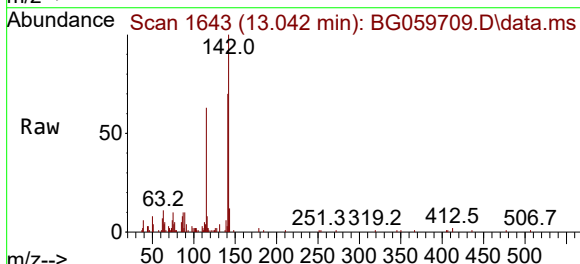
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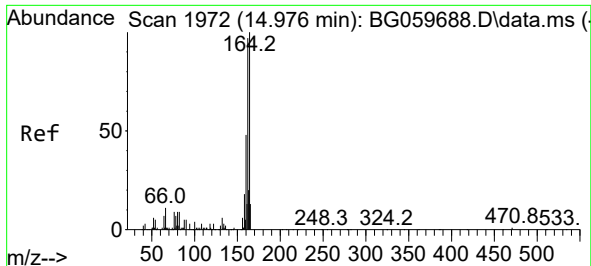
Tgt Ion:142 Resp: 34872
Ion Ratio Lower Upper
142 100
141 62.4 70.9 106.3#
115 51.1 47.9 71.9



#38
1-Methylnaphthalene
Concen: 8.293 ng
RT: 13.042 min Scan# 1643
Delta R.T. -0.001 min
Lab File: BG059709.D
Acq: 15 Nov 2023 21:07

Tgt Ion:142 Resp: 32152
Ion Ratio Lower Upper
142 100
141 70.2 68.3 102.5
116 7.8 4.4 6.6#

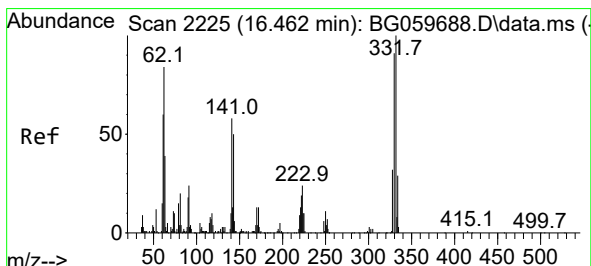
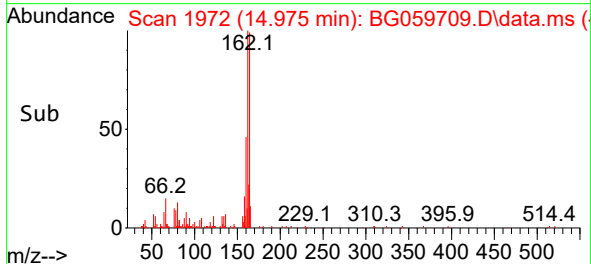
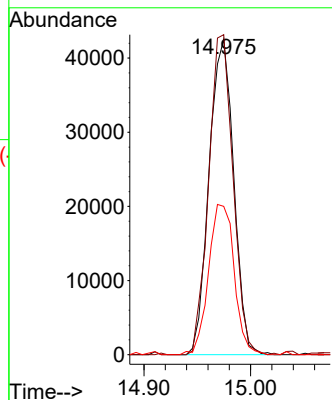
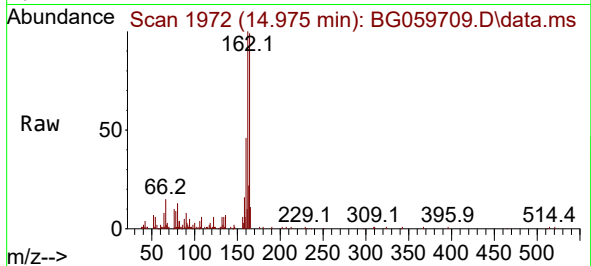




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.975 min Scan# 1972
Delta R.T. -0.001 min
Lab File: BG059709.D
Acq: 15 Nov 2023 21:07

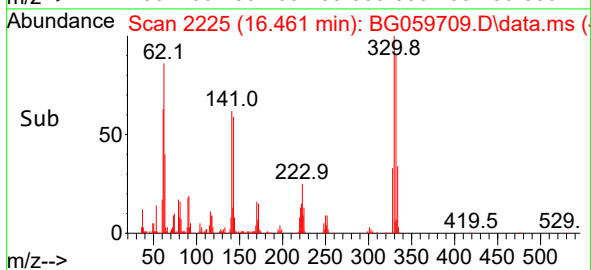
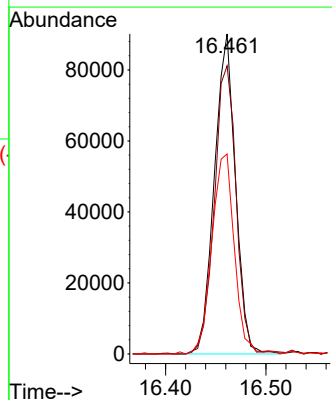
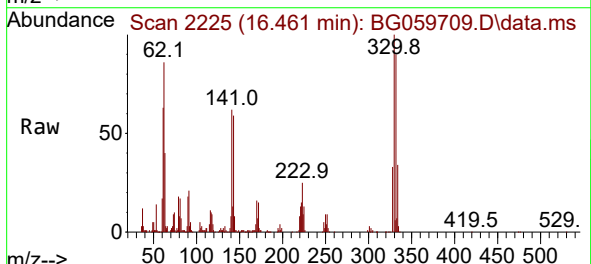
Instrument :
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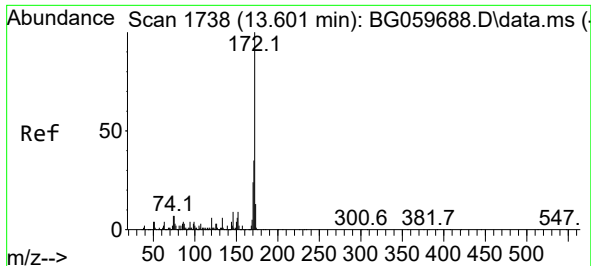
Tgt Ion:164 Resp: 68170
Ion Ratio Lower Upper
164 100
162 101.5 77.8 116.6
160 47.0 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 171.041 ng
RT: 16.461 min Scan# 2225
Delta R.T. -0.001 min
Lab File: BG059709.D
Acq: 15 Nov 2023 21:07

Tgt Ion:330 Resp: 131588
Ion Ratio Lower Upper
330 100
332 92.5 80.7 121.1
141 66.6 51.0 76.6

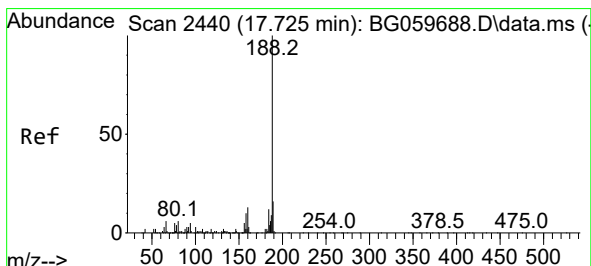
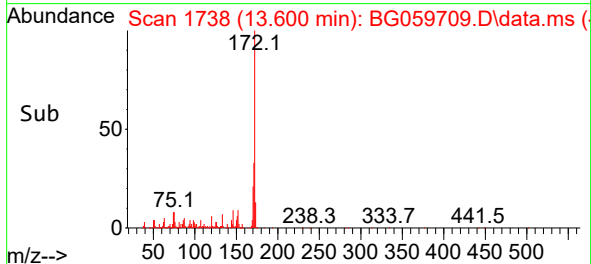
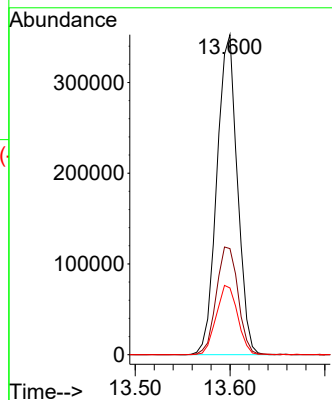
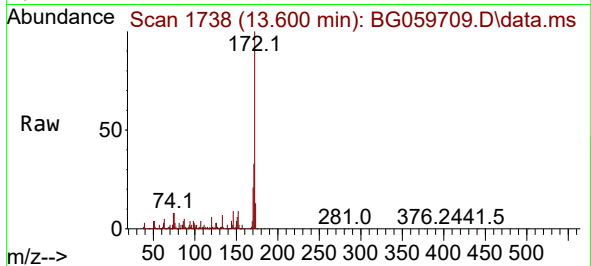




#45
2-Fluorobiphenyl
Concen: 104.779 ng
RT: 13.600 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG059709.D
Acq: 15 Nov 2023 21:07

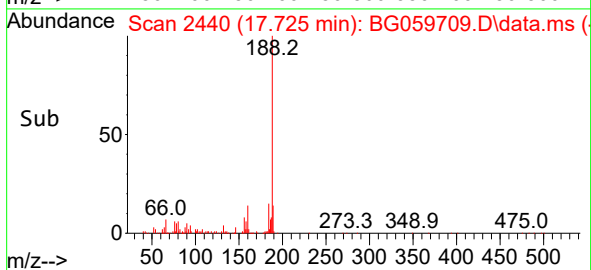
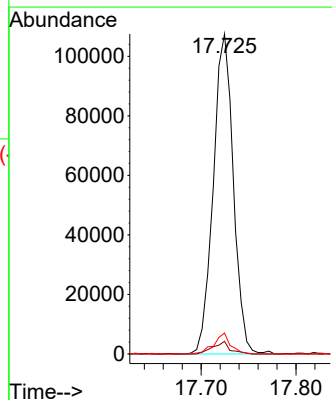
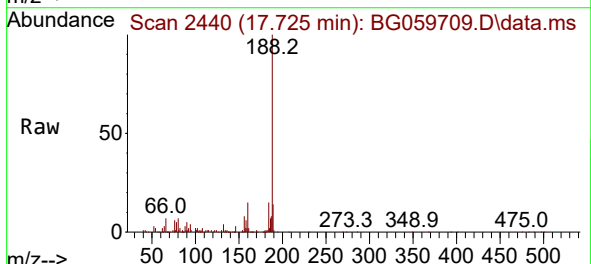
Instrument :
BNA_G
ClientSampleId :
67S-IDW-01RE

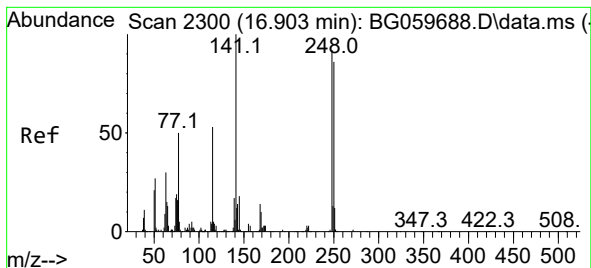
Tgt Ion:172 Resp: 529798
Ion Ratio Lower Upper
172 100
171 33.1 27.9 41.9
170 20.9 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.725 min Scan# 2440
Delta R.T. -0.001 min
Lab File: BG059709.D
Acq: 15 Nov 2023 21:07

Tgt Ion:188 Resp: 158383
Ion Ratio Lower Upper
188 100
94 4.0 3.9 5.9
80 6.6 4.5 6.7

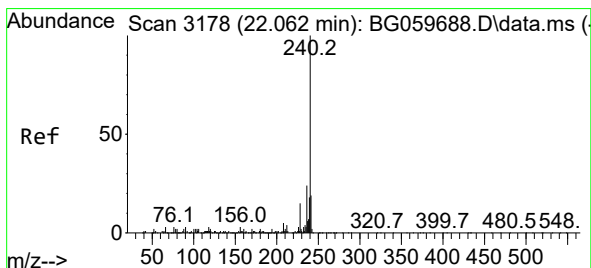
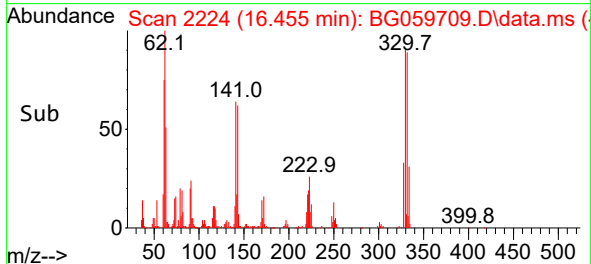
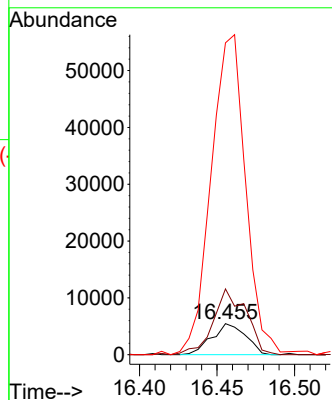
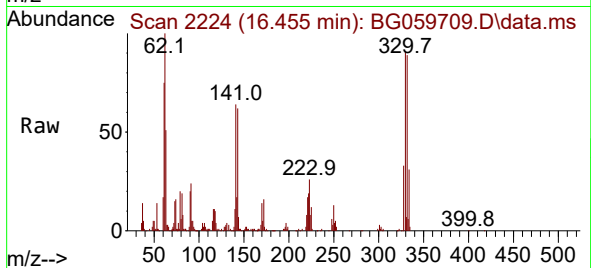




#67
4-Bromophenyl-phenylether
Concen: 4.987 ng
RT: 16.455 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG059709.D
Acq: 15 Nov 2023 21:07

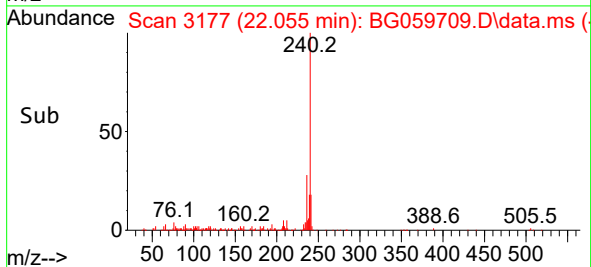
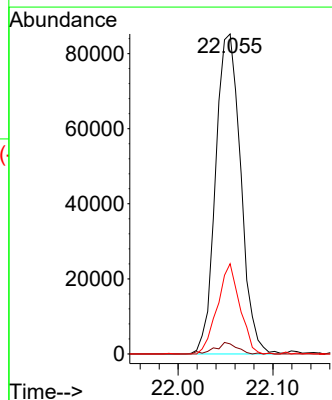
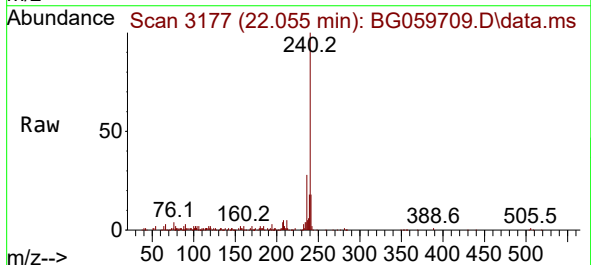
Instrument :
BNA_G
ClientSampleId :
67S-IDW-01RE

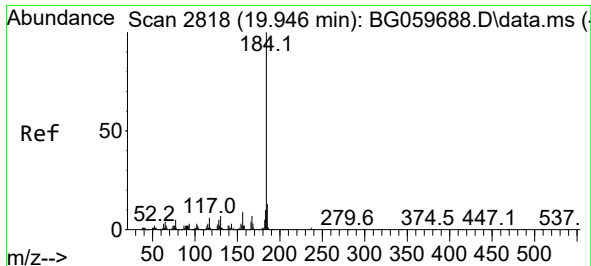
Tgt Ion:248 Resp: 8310
Ion Ratio Lower Upper
248 100
250 211.9 74.5 111.7#
141 1005.3 86.6 129.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.055 min Scan# 3177
Delta R.T. -0.007 min
Lab File: BG059709.D
Acq: 15 Nov 2023 21:07

Tgt Ion:240 Resp: 156701
Ion Ratio Lower Upper
240 100
120 3.1 2.6 3.8
236 28.2 19.4 29.0

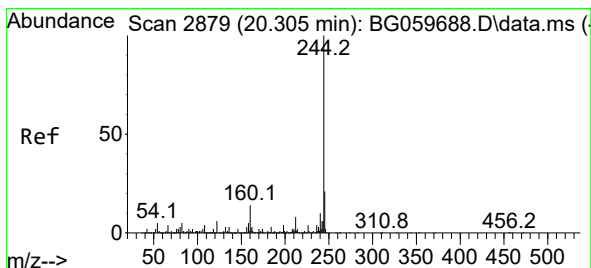
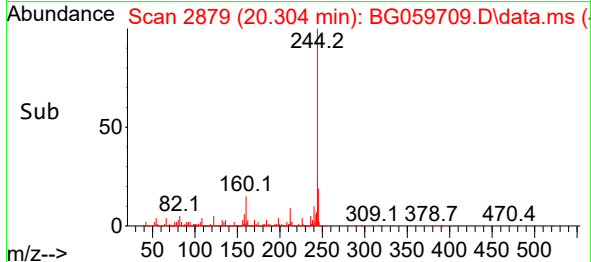
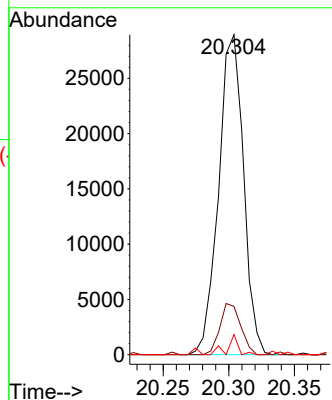
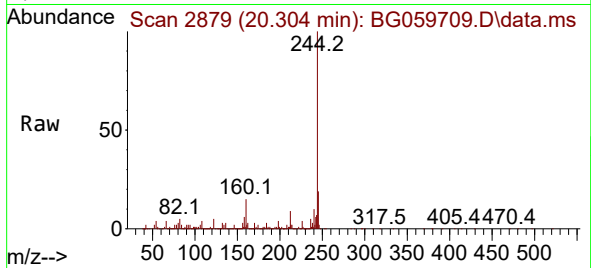




#77
Benzidine
Concen: 14.409 ng
RT: 20.304 min Scan# 2879
Delta R.T. 0.358 min
Lab File: BG059709.D
Acq: 15 Nov 2023 21:07

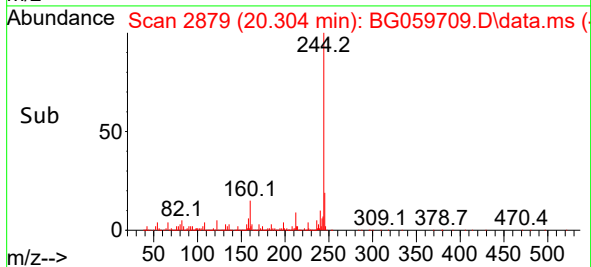
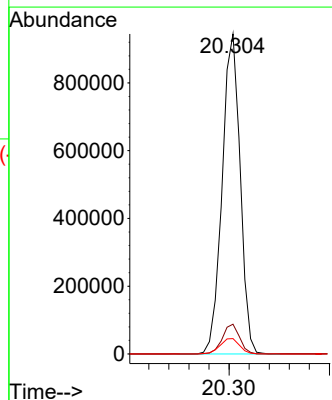
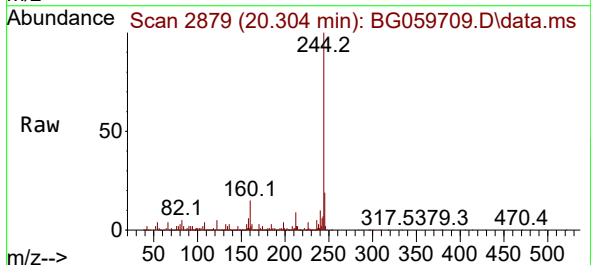
Instrument :
BNA_G
ClientSampleId :
67S-IDW-01RE

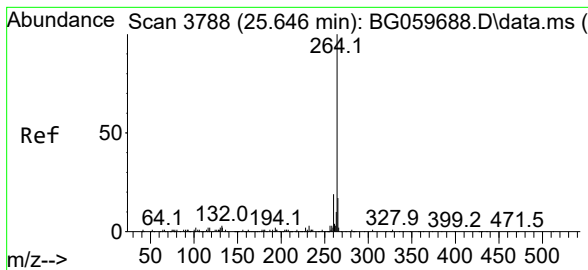
Tgt Ion:184 Resp: 38152
Ion Ratio Lower Upper
184 100
185 15.1 10.7 16.1
183 6.3 7.8 11.6#



#79
Terphenyl-d14
Concen: 154.611 ng
RT: 20.304 min Scan# 2879
Delta R.T. -0.001 min
Lab File: BG059709.D
Acq: 15 Nov 2023 21:07

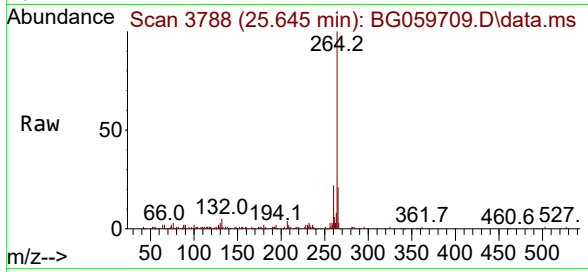
Tgt Ion:244 Resp: 1174270
Ion Ratio Lower Upper
244 100
212 9.3 6.6 9.8
122 4.8 4.6 6.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.645 min Scan# 31
 Delta R.T. -0.001 min
 Lab File: BG059709.D
 Acq: 15 Nov 2023 21:07

Instrument :
 BNA_G
 ClientSampleId :
 67S-IDW-01RE



Tgt Ion:264 Resp: 184139

Ion	Ratio	Lower	Upper
264	100		
260	21.9	15.6	23.4
265	20.6	13.4	20.2#

