

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111523\
 Data File : BG059699.D
 Acq On : 15 Nov 2023 14:24
 Operator : MA/JU
 Sample : 05311-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Quant Time: Nov 15 18:45:26 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)

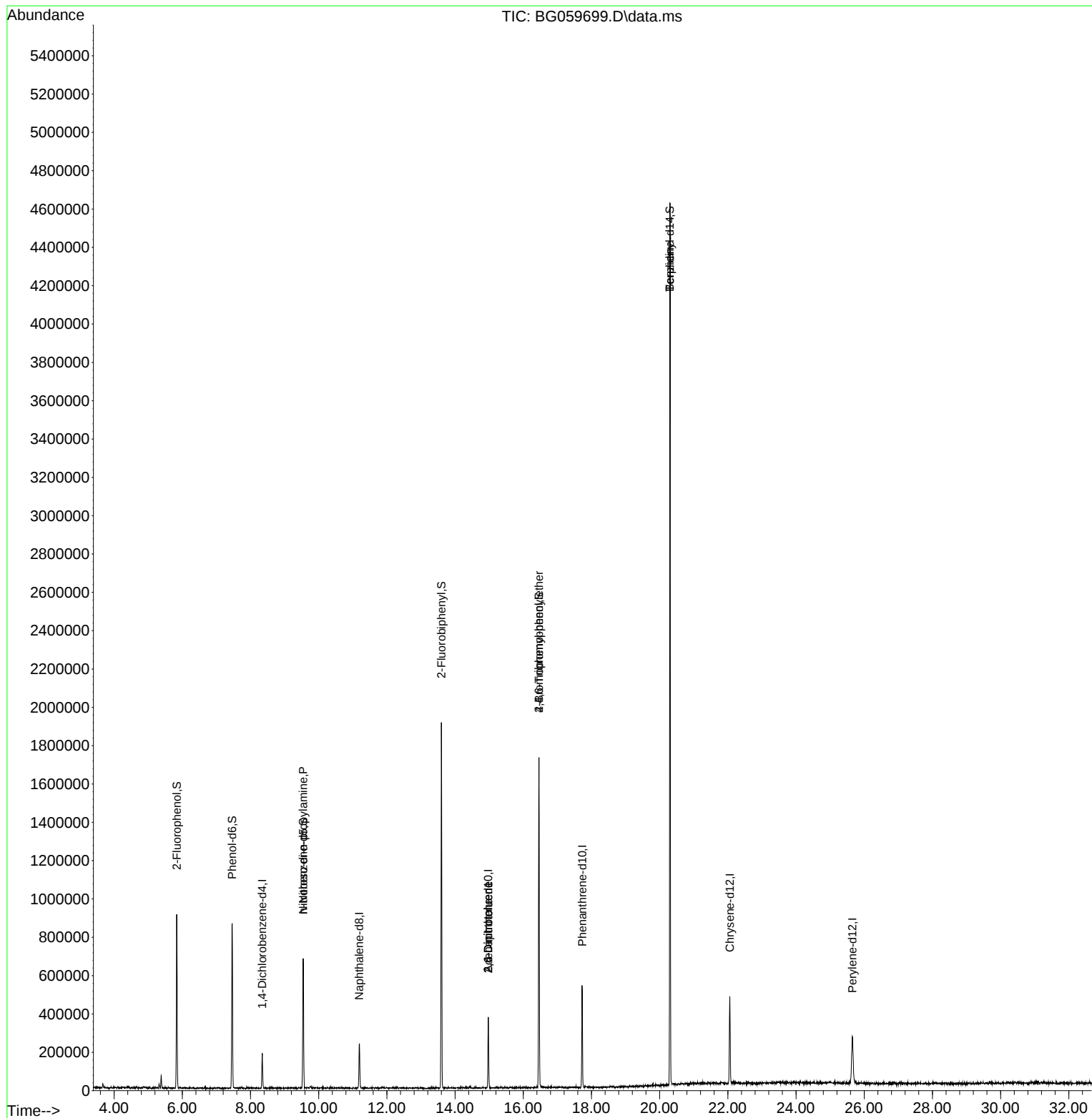
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.346	152	37250	20.000	ng	# 0.00
21) Naphthalene-d8	11.190	136	167311	20.000	ng	# 0.00
39) Acenaphthene-d10	14.974	164	117651	20.000	ng	0.00
64) Phenanthrene-d10	17.729	188	293335	20.000	ng	# 0.00
76) Chrysene-d12	22.060	240	277235	20.000	ng	# 0.00
86) Perylene-d12	25.655	264	302946	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.838	112	329246	152.595	ng	0.00
7) Phenol-d6	7.465	99	415033	127.283	ng	0.00
23) Nitrobenzene-d5	9.545	82	426496	109.585	ng	0.00
42) 2,4,6-Tribromophenol	16.460	330	240658	181.251	ng	0.00
45) 2-Fluorobiphenyl	13.599	172	830673	95.191	ng	0.00
79) Terphenyl-d14	20.303	244	1931113	143.715	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.669	88	151	Below Cal	#	1
3) Pyridine	4.110	79	98	Below Cal	#	34
19) n-Nitroso-di-n-propyla...	9.545	70	71333	28.398	ng	# 85
51) 2,6-Dinitrotoluene	14.974	165	14072	8.136	ng	# 3
57) 2,4-Dinitrotoluene	14.974	165	14072	5.534	ng	# 7
67) 4-Bromophenyl-phenylether	16.460	248	15538	5.035	ng	# 1
77) Benzidine	20.303	184	54111	11.551	ng	# 88
78) Pyrene	20.303	202	10803	Below Cal	#	65

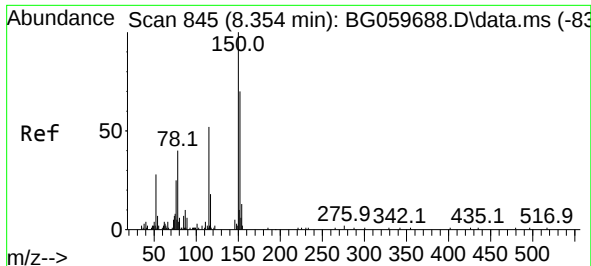
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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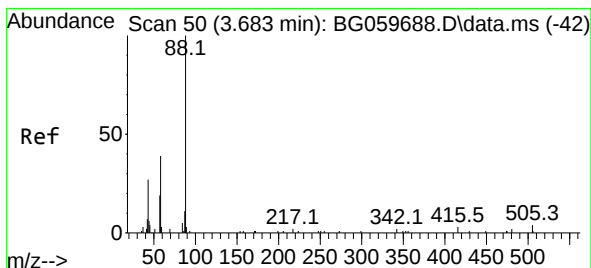
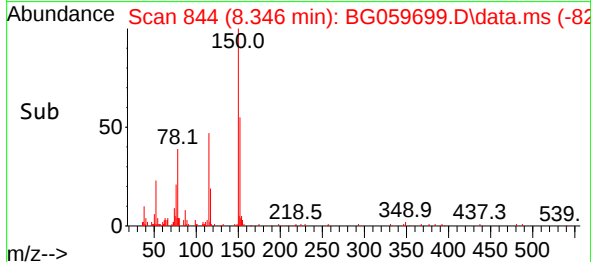
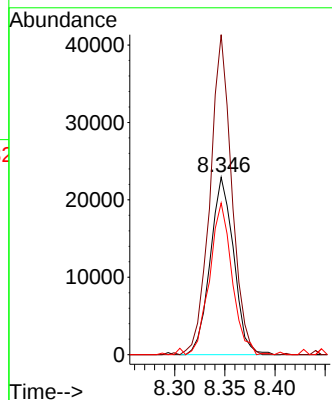
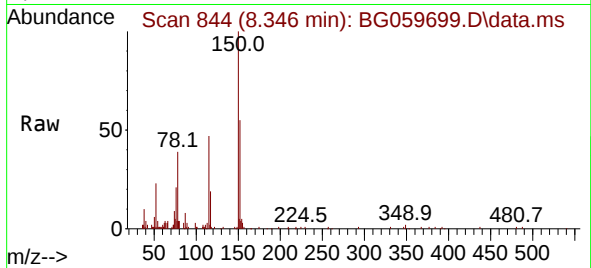




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.346 min Scan# 84
Delta R.T. -0.008 min
Lab File: BG059699.D
Acq: 15 Nov 2023 14:24

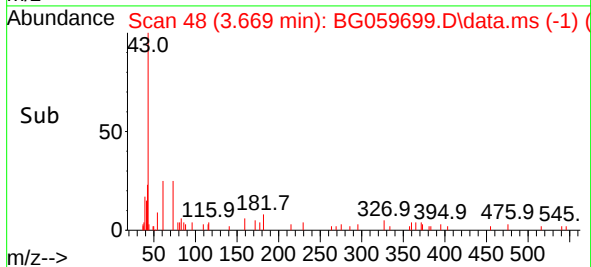
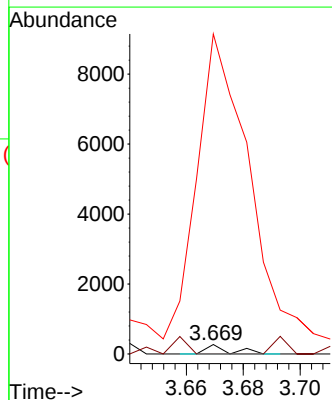
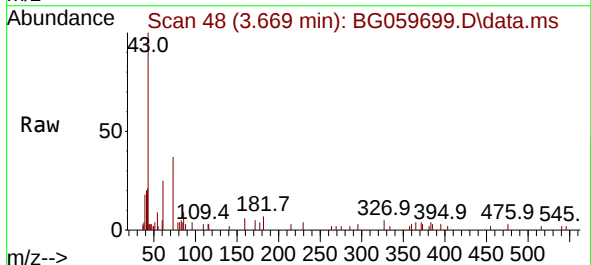
Instrument :
BNA_G
ClientSampleId :
TP-4

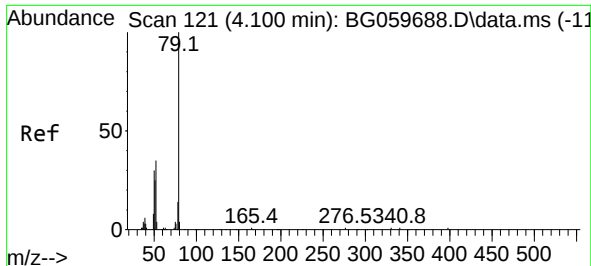
Tgt Ion:152 Resp: 37250
Ion Ratio Lower Upper
152 100
150 180.3 113.9 170.9#
115 85.5 59.4 89.2



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.669 min Scan# 48
Delta R.T. -0.014 min
Lab File: BG059699.D
Acq: 15 Nov 2023 14:24

Tgt Ion: 88 Resp: 151
Ion Ratio Lower Upper
88 100
58 162.9 30.5 45.7#
43 8123.2 17.7 26.5#





#3

Pyridine

Concen: Below Cal

RT: 4.110 min Scan# 11

Delta R.T. 0.010 min

Lab File: BG059699.D

Acq: 15 Nov 2023 14:24

Instrument :

BNA_G

ClientSampleId :

TP-4

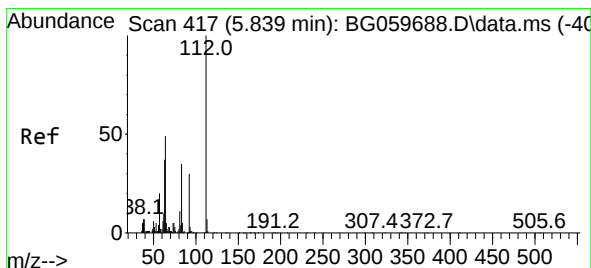
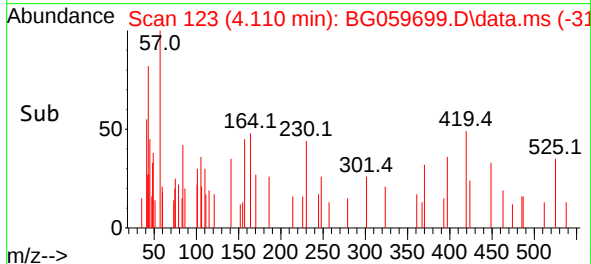
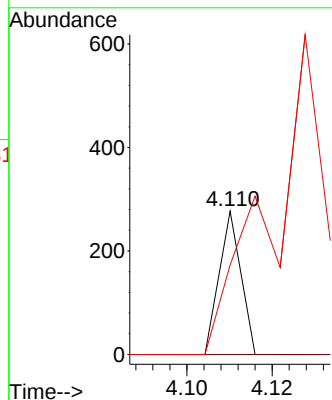
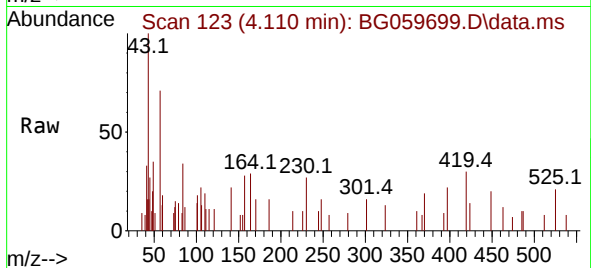
Tgt Ion: 79 Resp: 98

Ion Ratio Lower Upper

79 100

52 0.0 27.8 41.8#

51 62.5 20.2 30.2#



#5

2-Fluorophenol

Concen: 152.595 ng

RT: 5.838 min Scan# 417

Delta R.T. -0.002 min

Lab File: BG059699.D

Acq: 15 Nov 2023 14:24

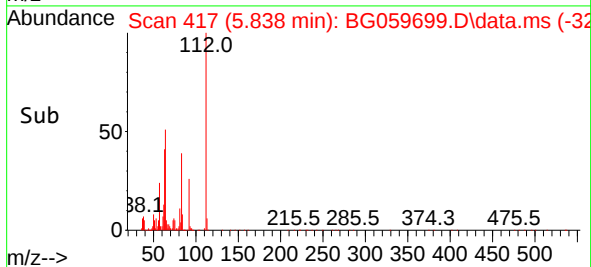
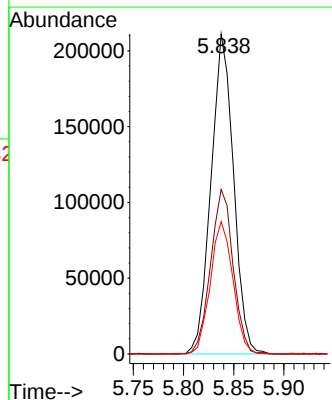
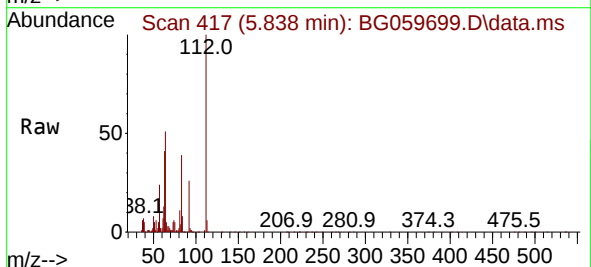
Tgt Ion: 112 Resp: 329246

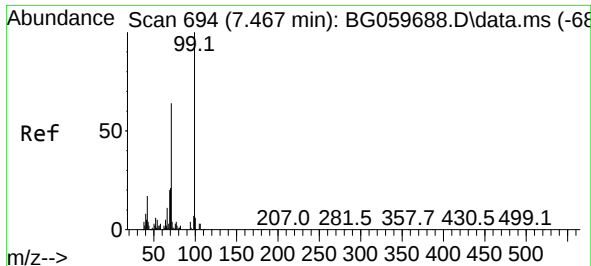
Ion Ratio Lower Upper

112 100

64 51.4 39.0 58.6

63 41.4 29.8 44.6

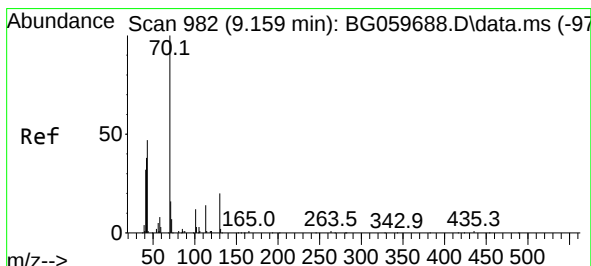
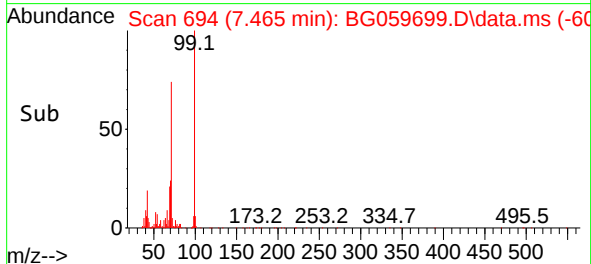
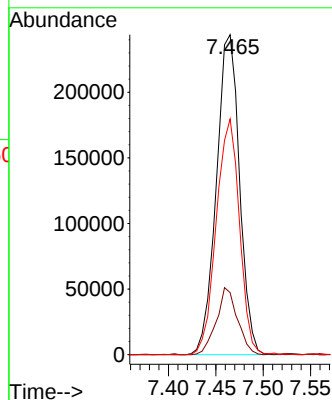
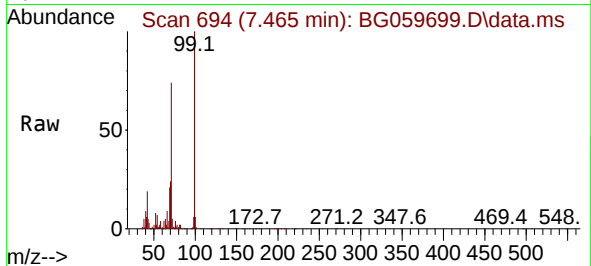




#7
Phenol-d6
Concen: 127.283 ng
RT: 7.465 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG059699.D
Acq: 15 Nov 2023 14:24

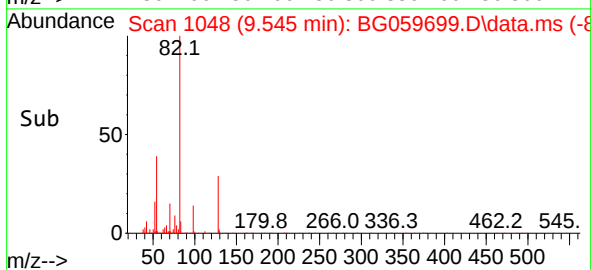
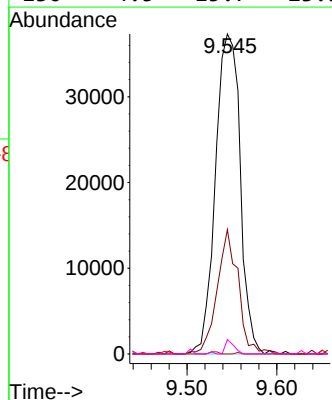
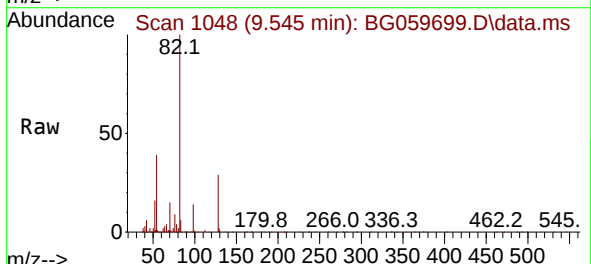
Instrument :
BNA_G
ClientSampleId :
TP-4

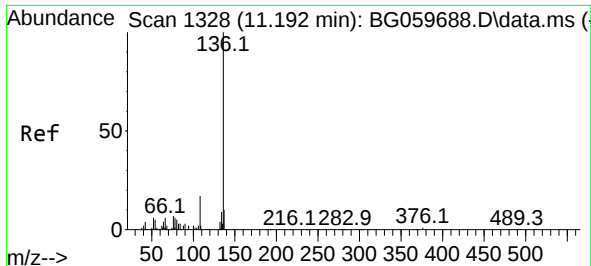
Tgt Ion: 99 Resp: 415033
Ion Ratio Lower Upper
99 100
42 19.4 13.2 19.8
71 73.7 51.3 76.9



#19
n-Nitroso-di-n-propylamine
Concen: 28.398 ng
RT: 9.545 min Scan# 1048
Delta R.T. 0.386 min
Lab File: BG059699.D
Acq: 15 Nov 2023 14:24

Tgt Ion: 70 Resp: 71333
Ion Ratio Lower Upper
70 100
42 38.9 30.8 46.2
101 0.0 9.4 14.2#
130 4.5 15.7 23.5#

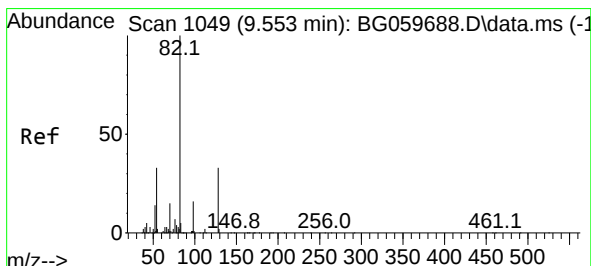
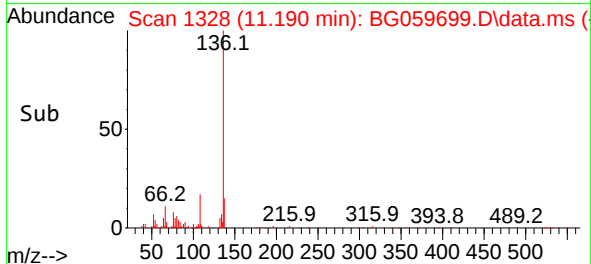
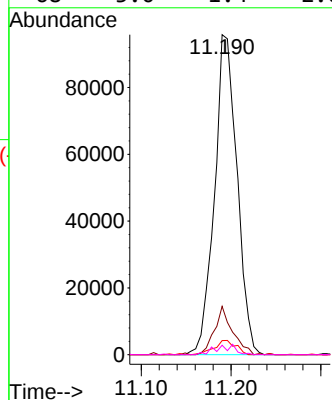
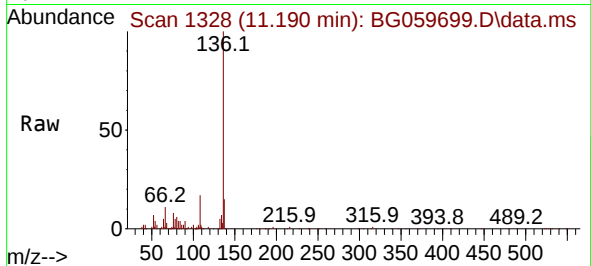




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.190 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG059699.D
Acq: 15 Nov 2023 14:24

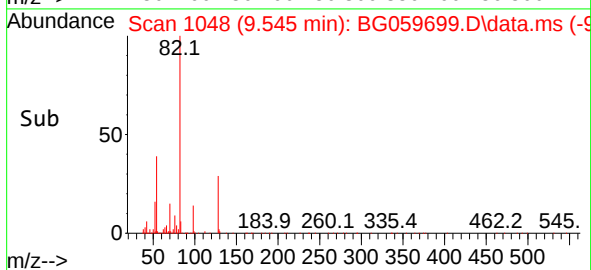
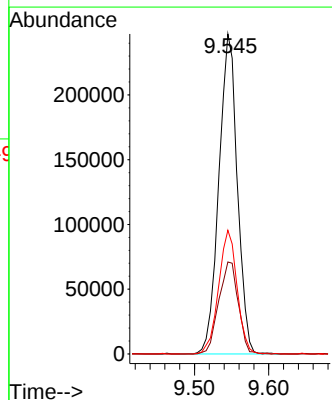
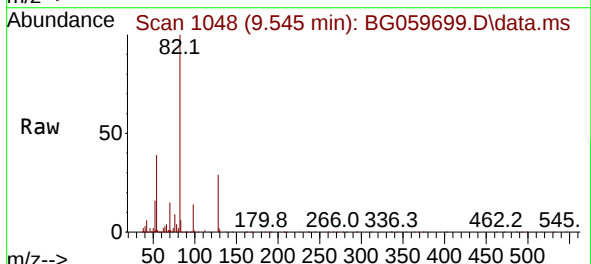
Instrument :
BNA_G
ClientSampleId :
TP-4

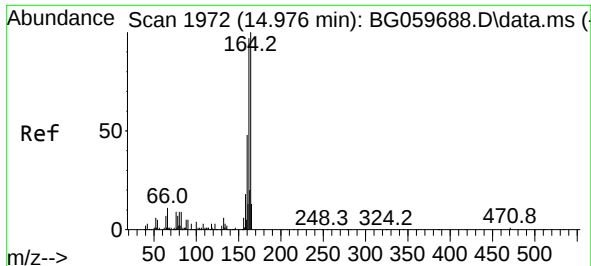
Tgt Ion:	136	Resp:	167311
Ion Ratio	Lower	Upper	
136	100		
137	15.1	7.7	11.5#
54	4.4	4.2	6.2
68	3.0	1.4	2.0#



#23
Nitrobenzene-d5
Concen: 109.585 ng
RT: 9.545 min Scan# 1048
Delta R.T. -0.008 min
Lab File: BG059699.D
Acq: 15 Nov 2023 14:24

Tgt Ion:	82	Resp:	426496
Ion Ratio	Lower	Upper	
82	100		
128	28.7	26.3	39.5
54	38.7	26.6	39.8

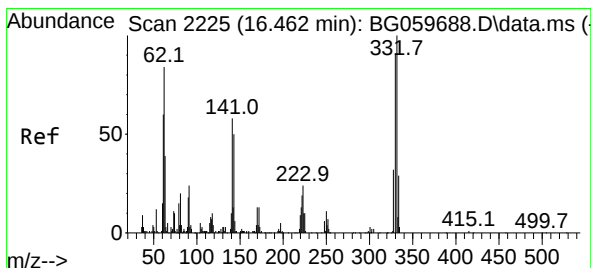
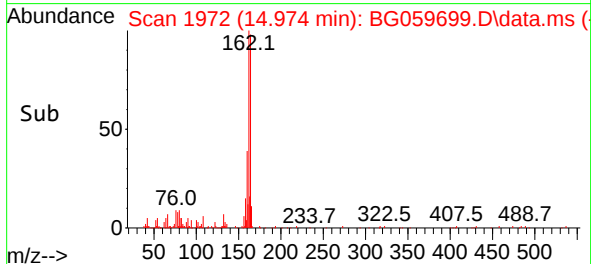
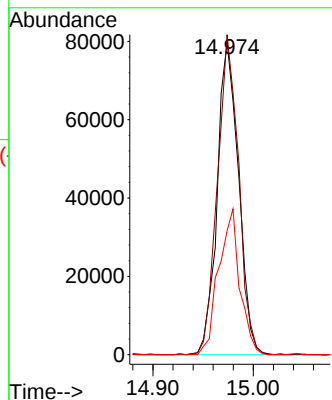
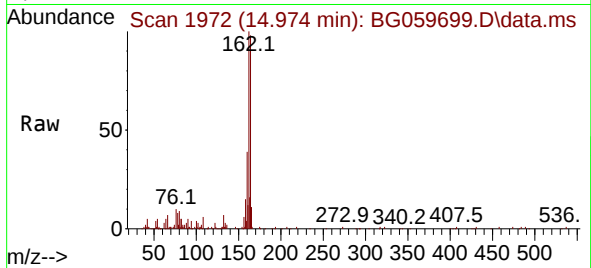




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.974 min Scan# 1972
Delta R.T. -0.002 min
Lab File: BG059699.D
Acq: 15 Nov 2023 14:24

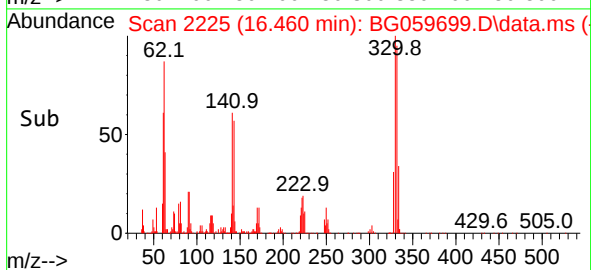
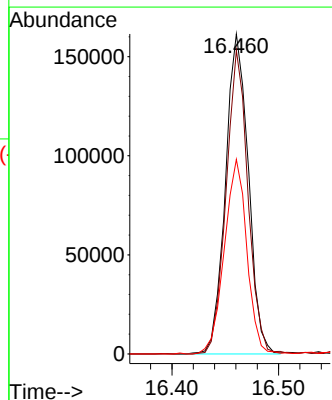
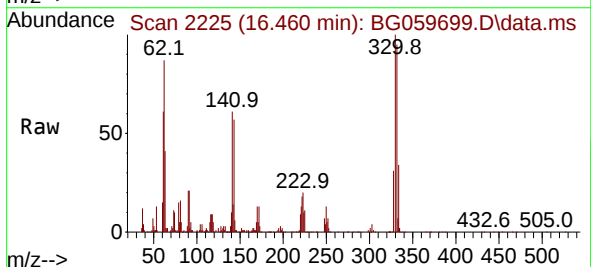
Instrument :
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ClientSampleId :
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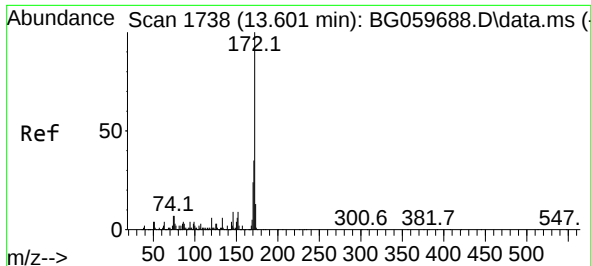
Tgt Ion:164 Resp: 117651
Ion Ratio Lower Upper
164 100
162 102.5 77.8 116.6
160 39.7 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 181.251 ng
RT: 16.460 min Scan# 2225
Delta R.T. -0.002 min
Lab File: BG059699.D
Acq: 15 Nov 2023 14:24

Tgt Ion:330 Resp: 240658
Ion Ratio Lower Upper
330 100
332 90.7 80.7 121.1
141 59.8 51.0 76.6

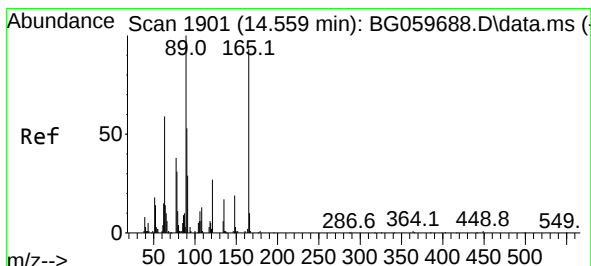
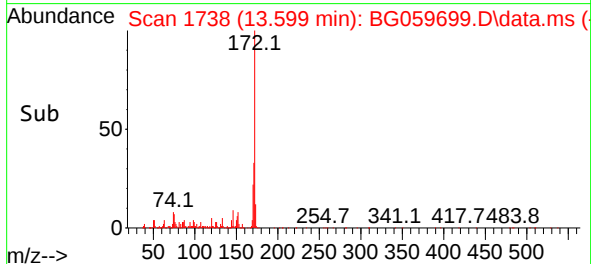
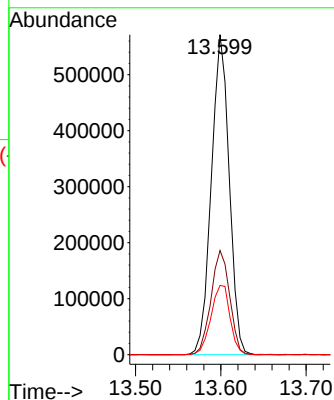
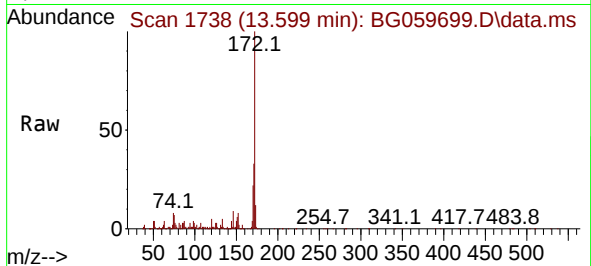




#45
2-Fluorobiphenyl
Concen: 95.191 ng
RT: 13.599 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG059699.D
Acq: 15 Nov 2023 14:24

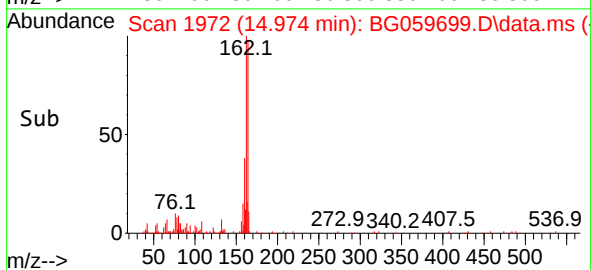
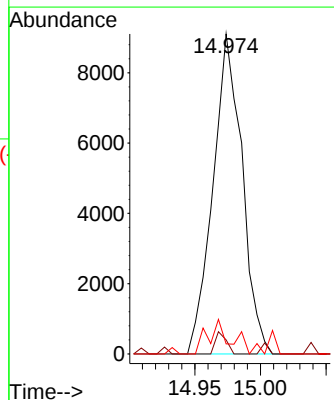
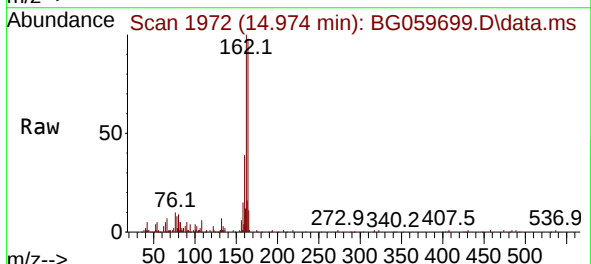
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ClientSampleId :
TP-4

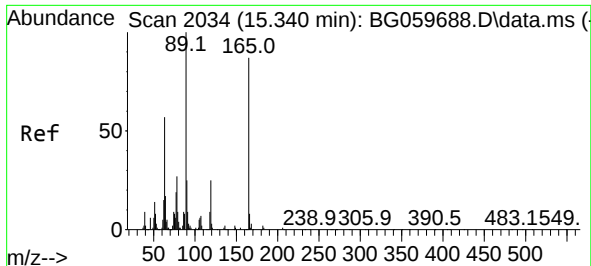
Tgt Ion:172 Resp: 830673
Ion Ratio Lower Upper
172 100
171 32.6 27.9 41.9
170 21.7 19.0 28.4



#51
2,6-Dinitrotoluene
Concen: 8.136 ng
RT: 14.974 min Scan# 1972
Delta R.T. 0.415 min
Lab File: BG059699.D
Acq: 15 Nov 2023 14:24

Tgt Ion:165 Resp: 14072
Ion Ratio Lower Upper
165 100
63 4.4 73.6 110.4#
89 3.1 87.0 130.6#





#57

2,4-Dinitrotoluene

Concen: 5.534 ng

RT: 14.974 min Scan# 14

Delta R.T. -0.366 min

Lab File: BG059699.D

Acq: 15 Nov 2023 14:24

Instrument :

BNA_G

ClientSampleId :

TP-4

Tgt Ion:165 Resp: 14072

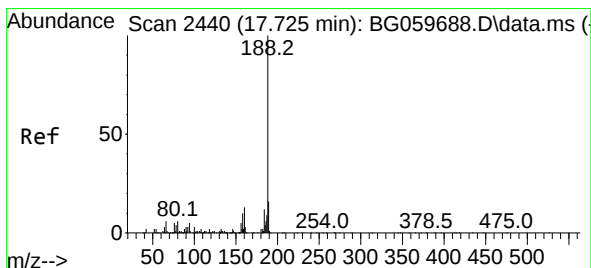
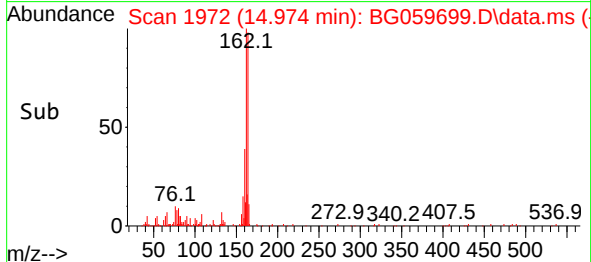
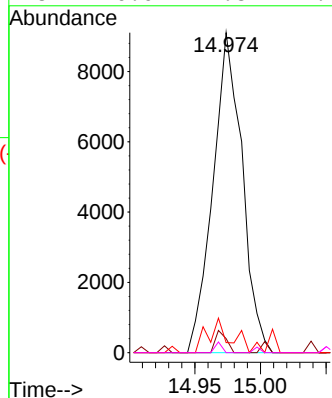
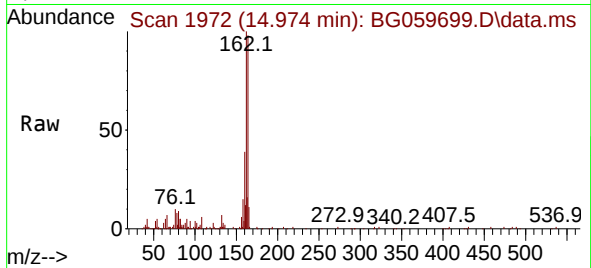
Ion Ratio Lower Upper

165 100

63 4.4 52.2 78.2#

89 3.1 91.8 137.6#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.729 min Scan# 2441

Delta R.T. 0.004 min

Lab File: BG059699.D

Acq: 15 Nov 2023 14:24

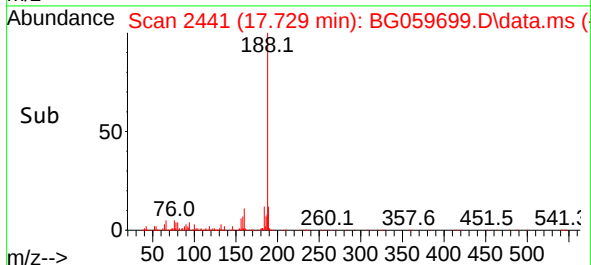
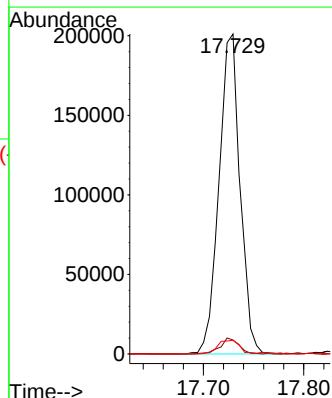
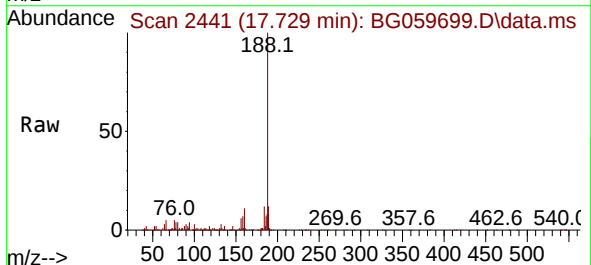
Tgt Ion:188 Resp: 293335

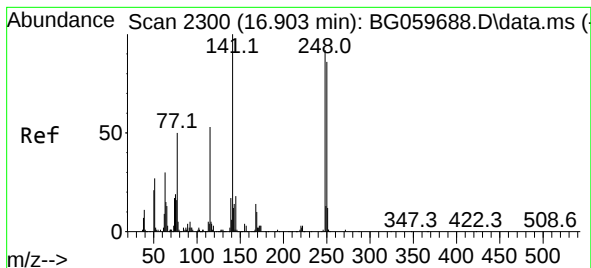
Ion Ratio Lower Upper

188 100

94 4.3 3.9 5.9

80 4.2 4.5 6.7#

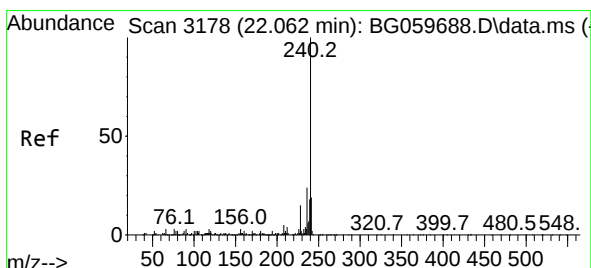
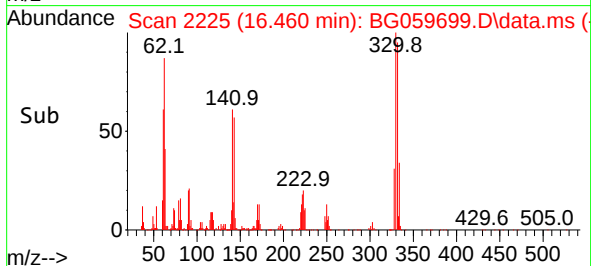
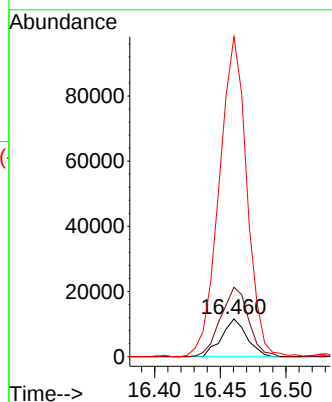
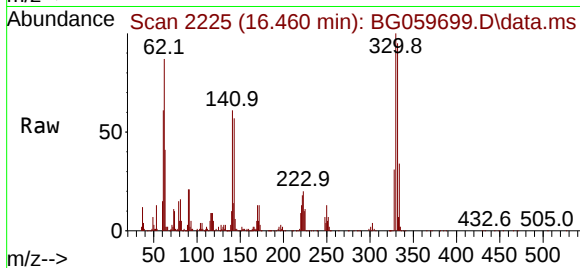




#67
4-Bromophenyl-phenylether
Concen: 5.035 ng
RT: 16.460 min Scan# 21
Delta R.T. -0.443 min
Lab File: BG059699.D
Acq: 15 Nov 2023 14:24

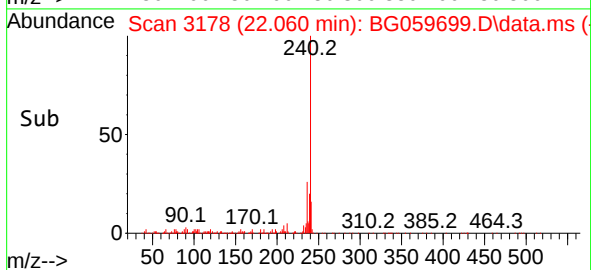
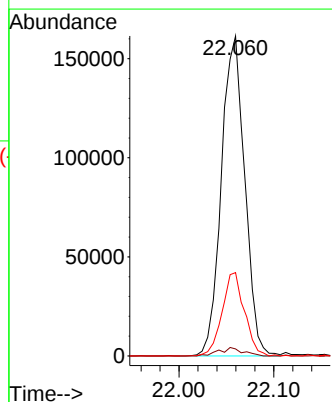
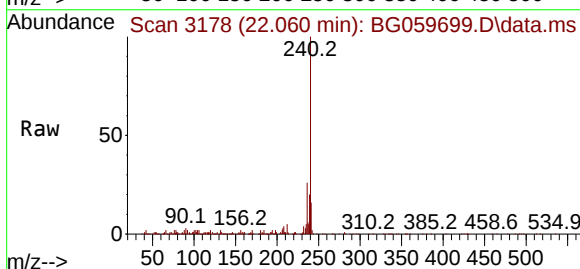
Instrument :
BNA_G
ClientSampleId :
TP-4

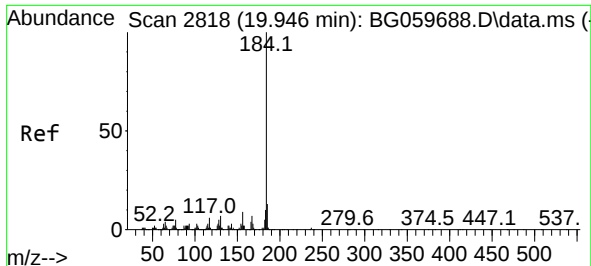
Tgt Ion:248 Resp: 15538
Ion Ratio Lower Upper
248 100
250 183.9 74.5 111.7#
141 847.3 86.6 129.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.060 min Scan# 3178
Delta R.T. -0.002 min
Lab File: BG059699.D
Acq: 15 Nov 2023 14:24

Tgt Ion:240 Resp: 277235
Ion Ratio Lower Upper
240 100
120 2.2 2.6 3.8#
236 26.0 19.4 29.0

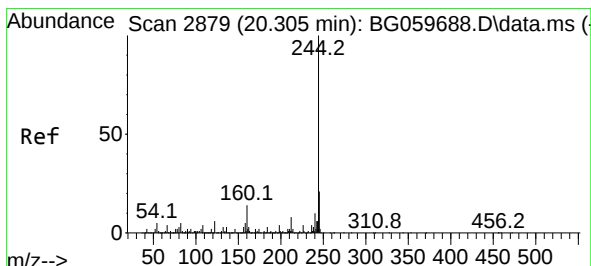
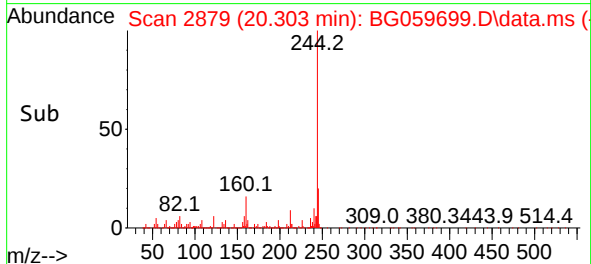
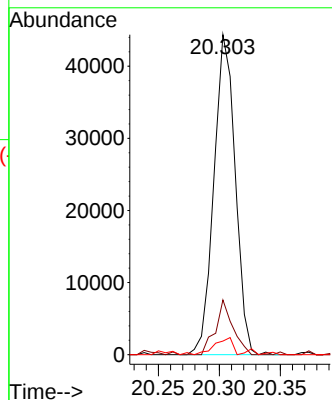
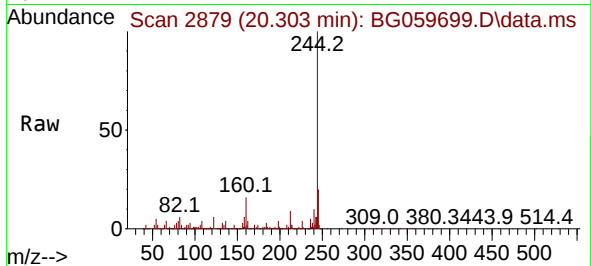




#77
Benzidine
Concen: 11.551 ng
RT: 20.303 min Scan# 2818
Delta R.T. 0.357 min
Lab File: BG059699.D
Acq: 15 Nov 2023 14:24

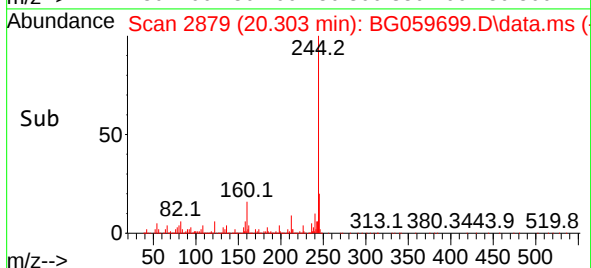
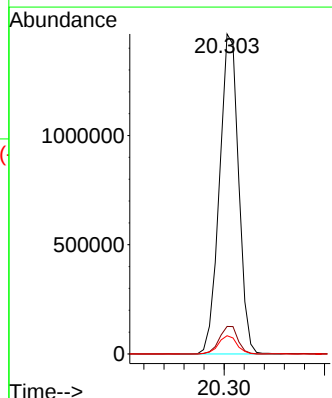
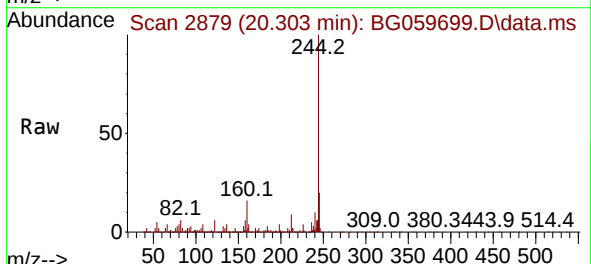
Instrument :
BNA_G
ClientSampleId :
TP-4

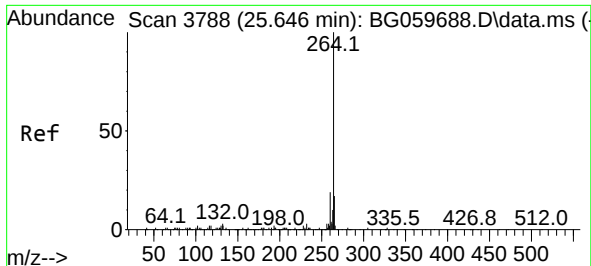
Tgt Ion:184 Resp: 54111
Ion Ratio Lower Upper
184 100
185 17.1 10.7 16.1#
183 4.3 7.8 11.6#



#79
Terphenyl-d14
Concen: 143.715 ng
RT: 20.303 min Scan# 2879
Delta R.T. -0.002 min
Lab File: BG059699.D
Acq: 15 Nov 2023 14:24

Tgt Ion:244 Resp: 1931113
Ion Ratio Lower Upper
244 100
212 8.6 6.6 9.8
122 5.7 4.6 6.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.655 min Scan# 31
 Delta R.T. 0.010 min
 Lab File: BG059699.D
 Acq: 15 Nov 2023 14:24

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Tgt Ion:264 Resp: 302946
 Ion Ratio Lower Upper
 264 100
 260 20.0 15.6 23.4
 265 19.7 13.4 20.2

