

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041724\
 Data File : BG060925.D
 Acq On : 17 Apr 2024 18:51
 Operator : MA/JU
 Sample : PB160288BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160288BL

Quant Time: Apr 18 02:17:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 02:02:19 2024
 Response via : Initial Calibration

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

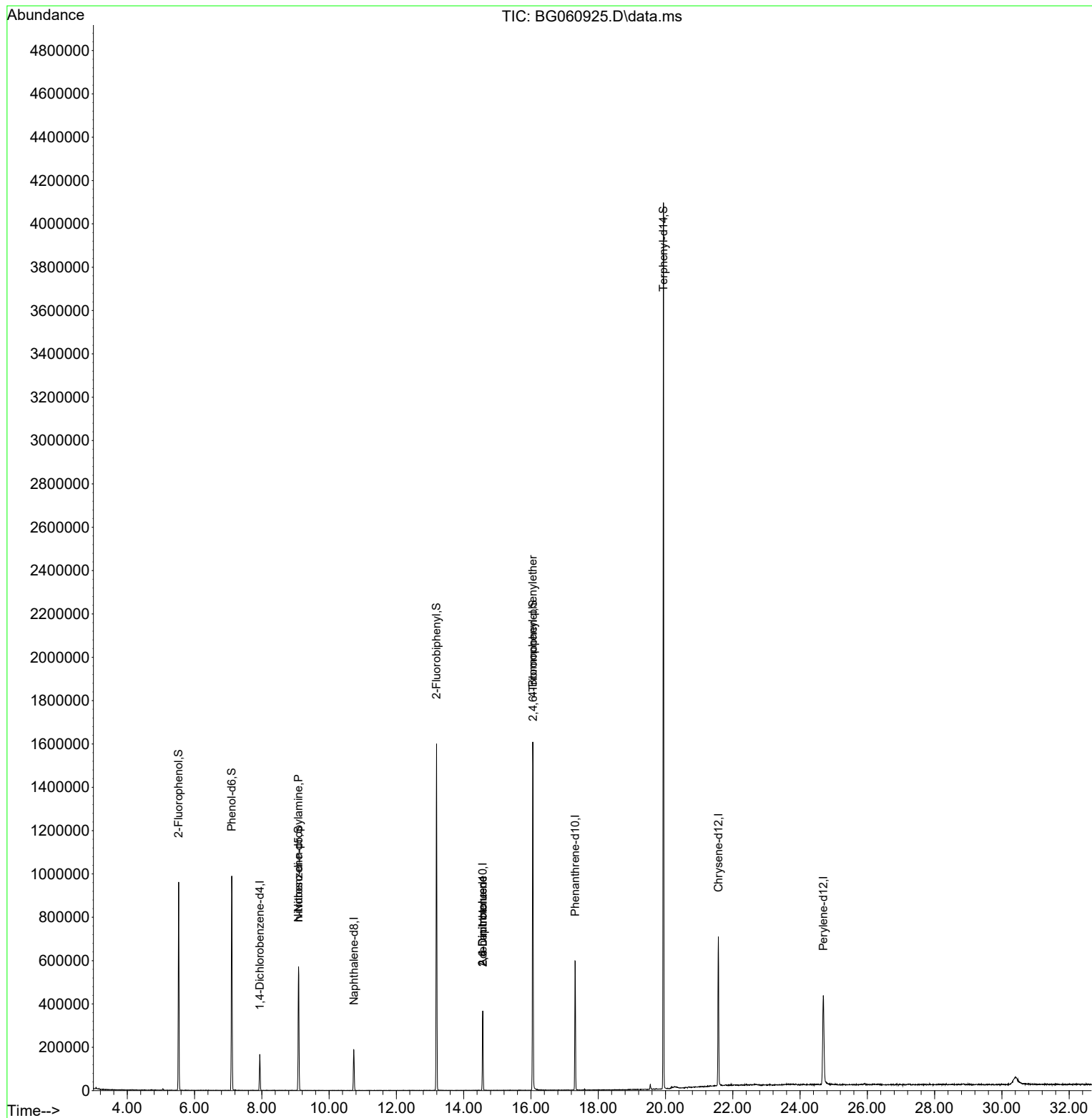
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	42071	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	155072	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	133265	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	389601	20.000	ng	0.00
76) Chrysene-d12	21.572	240	409097	20.000	ng	0.00
86) Perylene-d12	24.692	264	474235	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	349338	144.230	ng	0.00
7) Phenol-d6	7.107	99	492139	141.046	ng	0.00
23) Nitrobenzene-d5	9.092	82	312971	91.623	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	326870	148.470	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	793527	87.380	ng	0.00
79) Terphenyl-d14	19.939	244	2062986	88.008	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.092	70	42381	15.946	ng	# 70
51) 2,6-Dinitrotoluene	14.568	165	17018	7.896	ng	# 18
57) 2,4-Dinitrotoluene	14.568	165	17018	5.525	ng	# 20
67) 4-Bromophenyl-phenylether	16.055	248	21630	4.956	ng	# 1

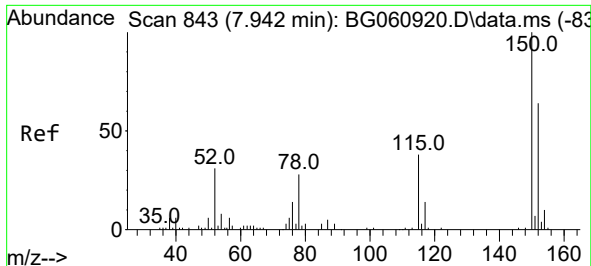
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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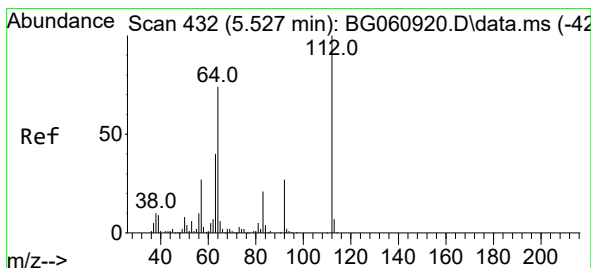
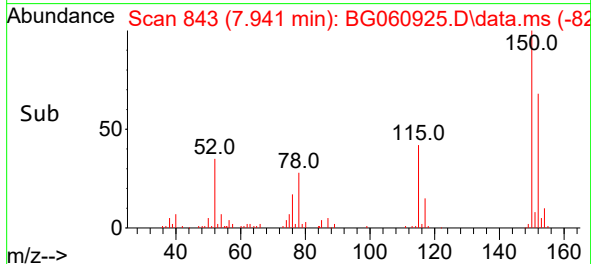
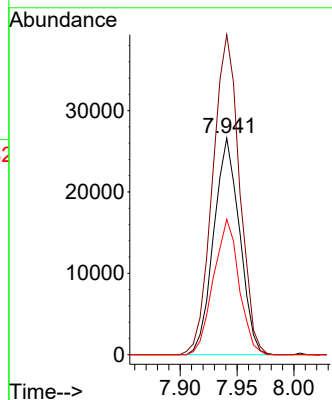
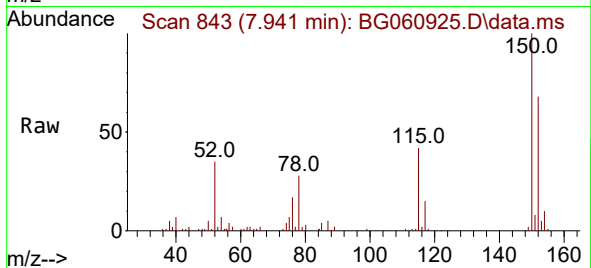




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.941 min Scan# 84
 Delta R.T. -0.001 min
 Lab File: BG060925.D
 Acq: 17 Apr 2024 18:51

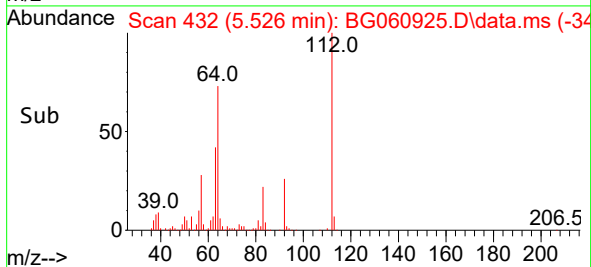
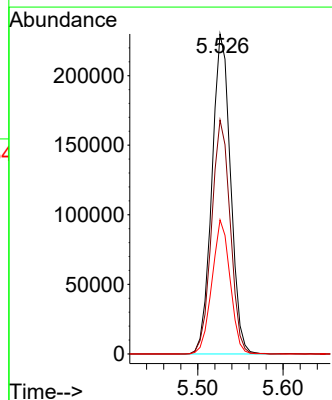
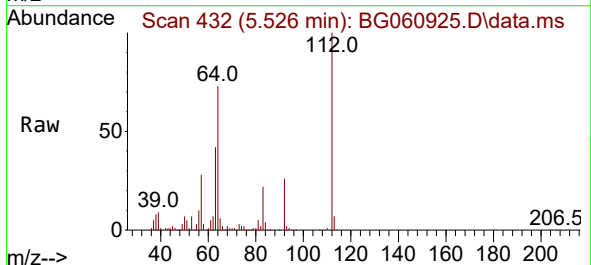
Instrument :
 BNA_G
 ClientSampleId :
 PB160288BL

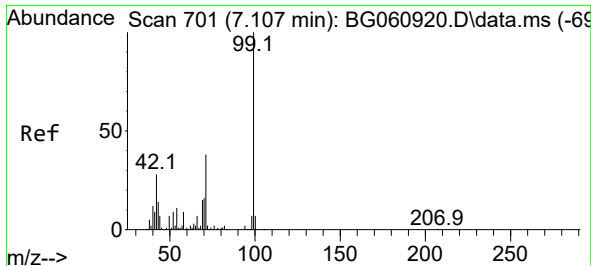
Tgt Ion:152 Resp: 42071
 Ion Ratio Lower Upper
 152 100
 150 147.7 125.6 188.4
 115 62.5 47.1 70.7



#5
 2-Fluorophenol
 Concen: 144.230 ng
 RT: 5.526 min Scan# 432
 Delta R.T. -0.001 min
 Lab File: BG060925.D
 Acq: 17 Apr 2024 18:51

Tgt Ion:112 Resp: 349338
 Ion Ratio Lower Upper
 112 100
 64 73.1 58.9 88.3
 63 41.9 32.1 48.1

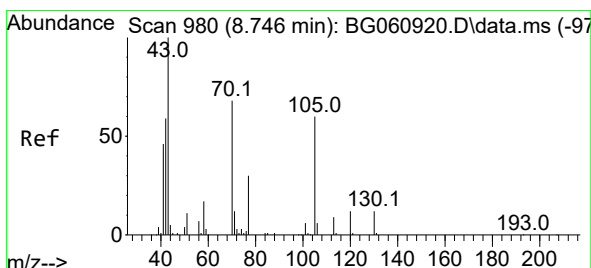
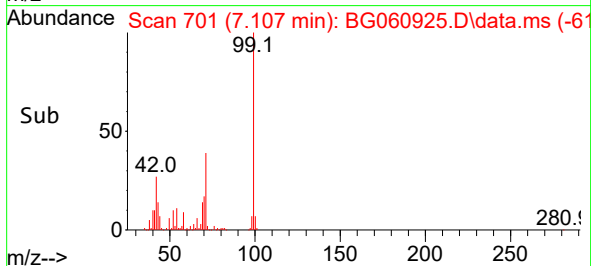
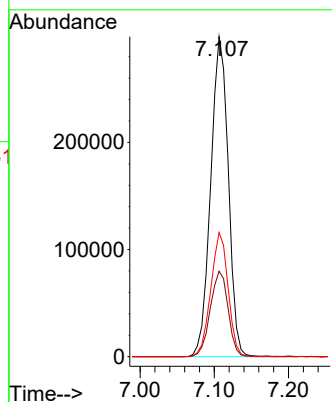
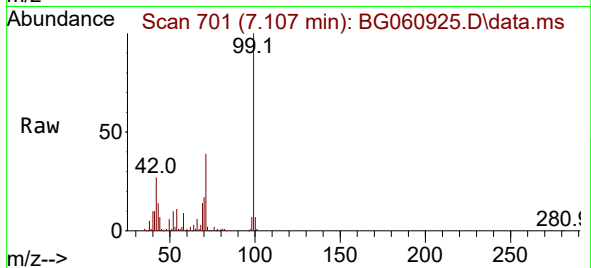




#7
Phenol-d6
Concen: 141.046 ng
RT: 7.107 min Scan# 701
Delta R.T. -0.001 min
Lab File: BG060925.D
Acq: 17 Apr 2024 18:51

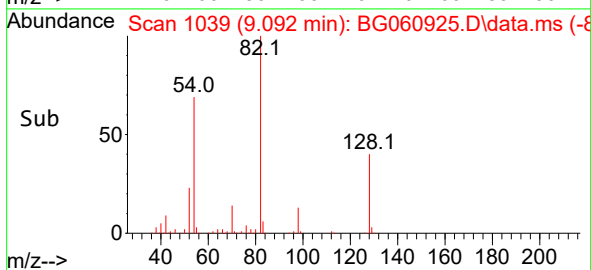
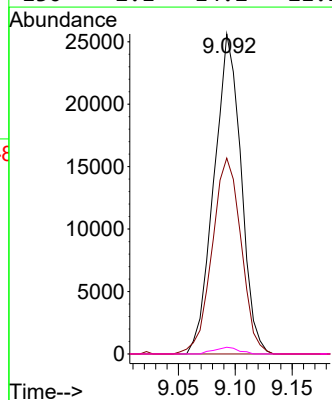
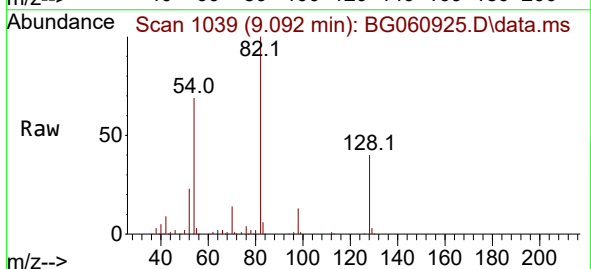
Instrument :
BNA_G
ClientSampleId :
PB160288BL

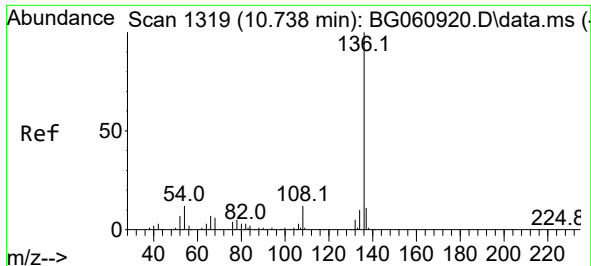
Tgt Ion: 99 Resp: 492139
Ion Ratio Lower Upper
99 100
42 26.7 22.2 33.2
71 38.8 30.5 45.7



#19
n-Nitroso-di-n-propylamine
Concen: 15.946 ng
RT: 9.092 min Scan# 1039
Delta R.T. 0.346 min
Lab File: BG060925.D
Acq: 17 Apr 2024 18:51

Tgt Ion: 70 Resp: 42381
Ion Ratio Lower Upper
70 100
42 61.2 70.9 106.3#
101 0.0 7.0 10.4#
130 2.1 14.2 21.2#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.738 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG060925.D
Acq: 17 Apr 2024 18:51

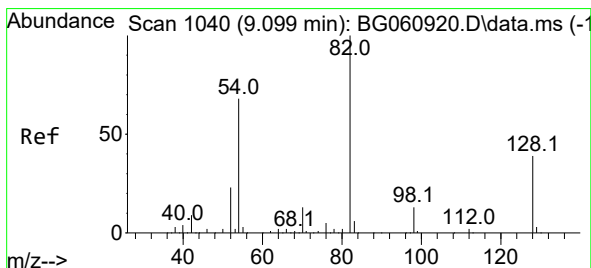
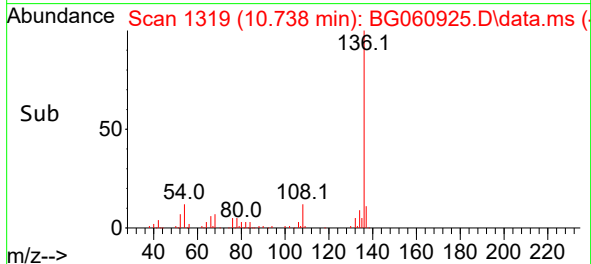
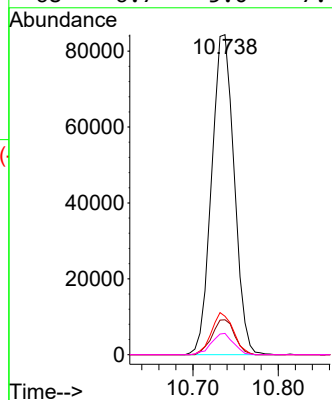
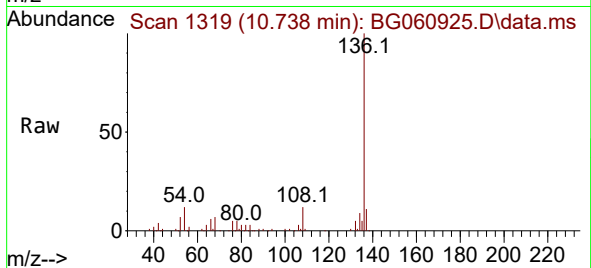
Instrument :

BNA_G

ClientSampleId :

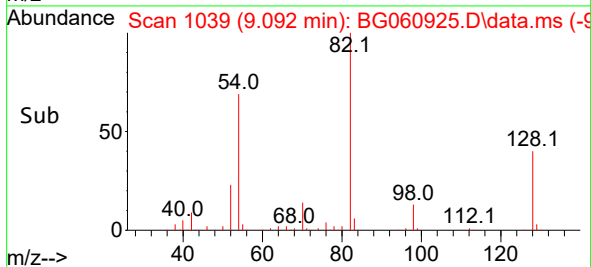
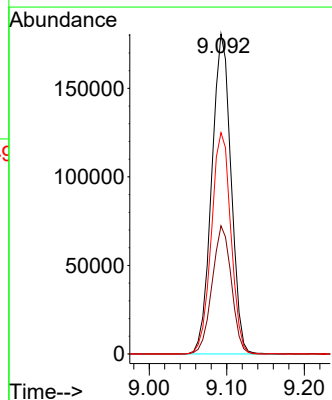
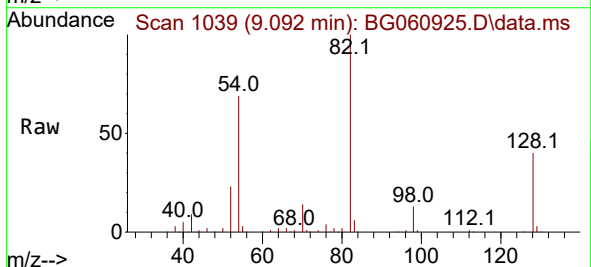
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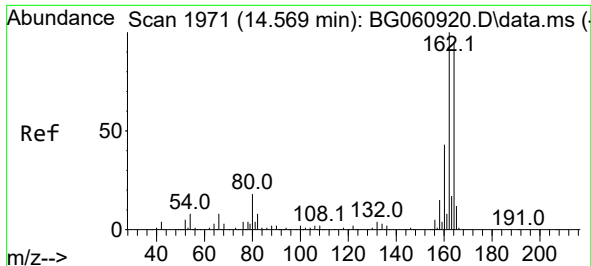
Tgt Ion:136 Resp: 155072
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 12.0 9.8 14.8
68 6.7 5.0 7.4



#23
Nitrobenzene-d5
Concen: 91.623 ng
RT: 9.092 min Scan# 1039
Delta R.T. -0.007 min
Lab File: BG060925.D
Acq: 17 Apr 2024 18:51

Tgt Ion: 82 Resp: 312971
Ion Ratio Lower Upper
82 100
128 40.0 31.4 47.0
54 69.2 54.2 81.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.568 min Scan# 1971

Delta R.T. -0.001 min

Lab File: BG060925.D

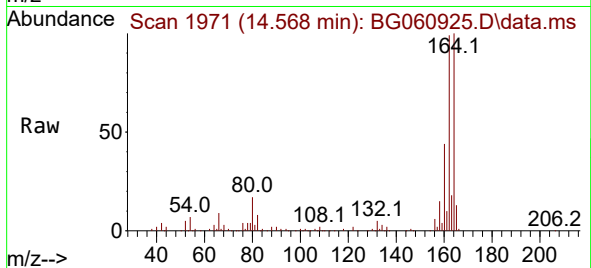
Acq: 17 Apr 2024 18:51

Instrument :

BNA_G

ClientSampleId :

PB160288BL



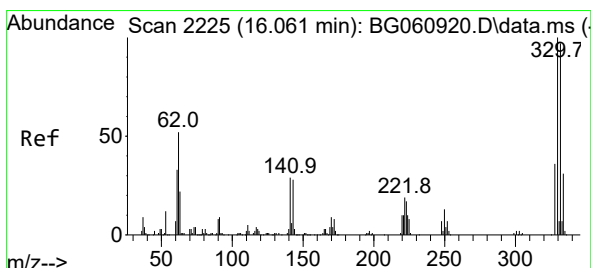
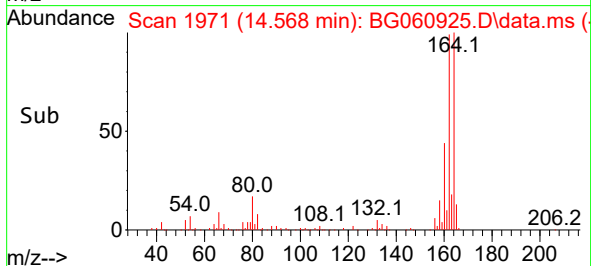
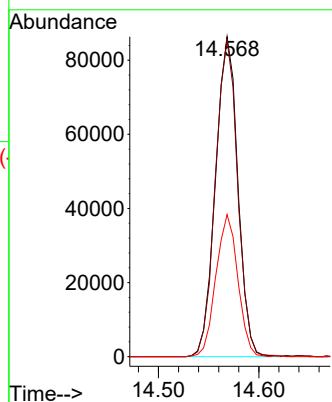
Tgt Ion:164 Resp: 133265

Ion Ratio Lower Upper

164 100

162 99.0 84.1 126.1

160 44.4 35.9 53.9



#42

2,4,6-Tribromophenol

Concen: 148.470 ng

RT: 16.061 min Scan# 2225

Delta R.T. -0.001 min

Lab File: BG060925.D

Acq: 17 Apr 2024 18:51

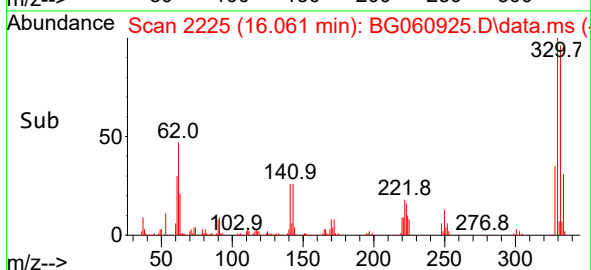
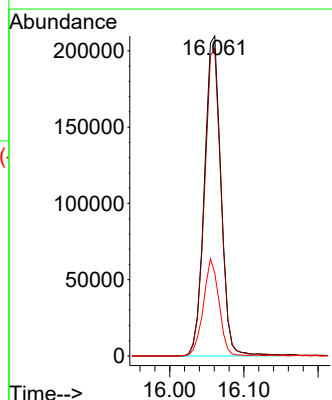
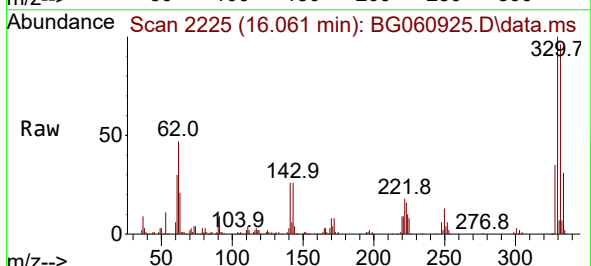
Tgt Ion:330 Resp: 326870

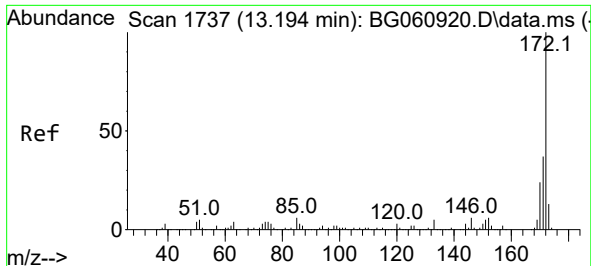
Ion Ratio Lower Upper

330 100

332 95.5 76.9 115.3

141 28.8 23.7 35.5

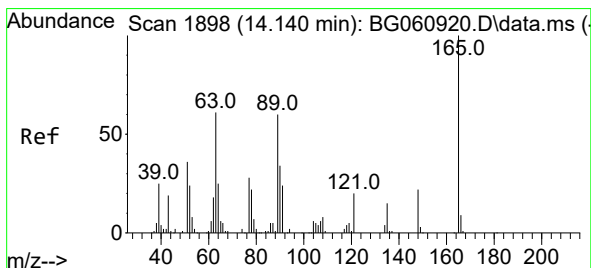
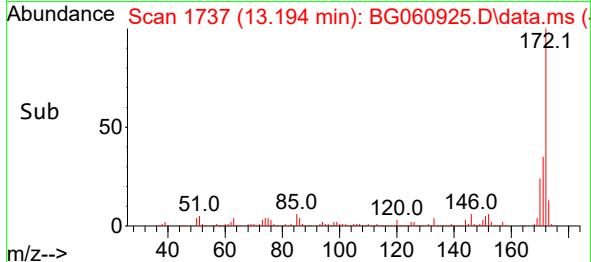
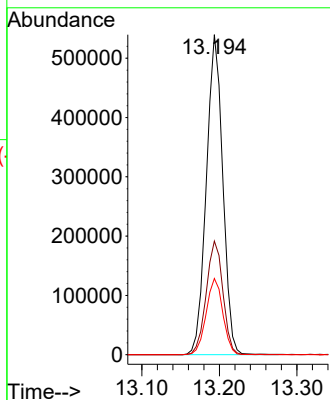
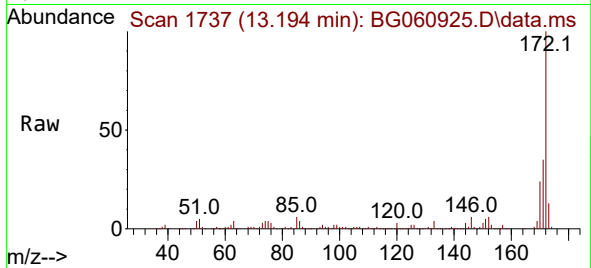




#45
2-Fluorobiphenyl
Concen: 87.380 ng
RT: 13.194 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG060925.D
Acq: 17 Apr 2024 18:51

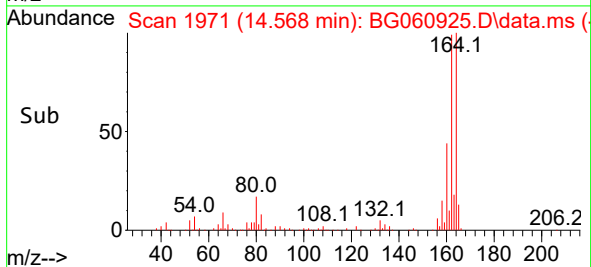
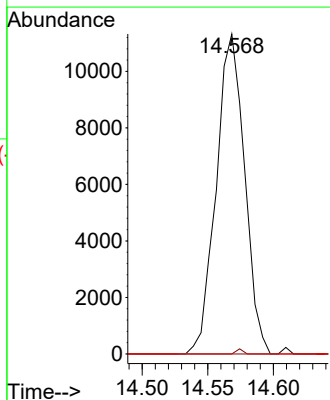
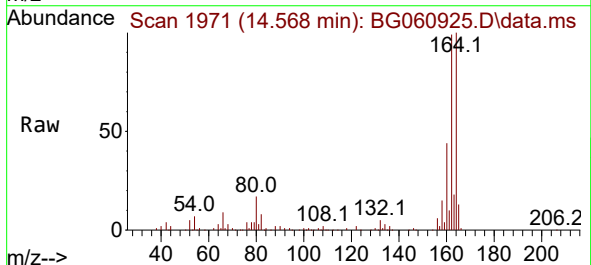
Instrument :
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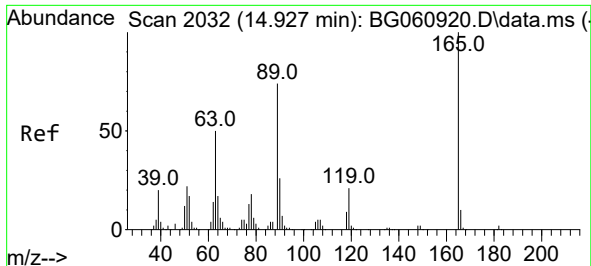
Tgt Ion:172 Resp: 793527
Ion Ratio Lower Upper
172 100
171 35.5 29.3 43.9
170 23.8 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 7.896 ng
RT: 14.568 min Scan# 1971
Delta R.T. 0.428 min
Lab File: BG060925.D
Acq: 17 Apr 2024 18:51

Tgt Ion:165 Resp: 17018
Ion Ratio Lower Upper
165 100
63 0.0 53.8 80.8#
89 0.0 48.2 72.4#





#57

2,4-Dinitrotoluene

Concen: 5.525 ng

RT: 14.568 min Scan# 1971

Delta R.T. -0.359 min

Lab File: BG060925.D

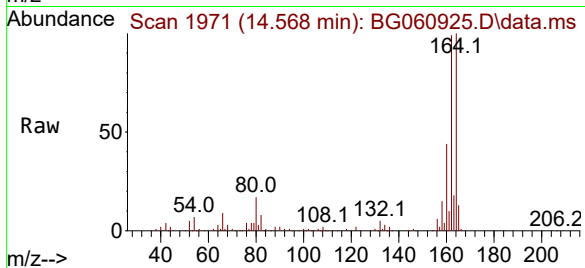
Acq: 17 Apr 2024 18:51

Instrument :

BNA_G

ClientSampleId :

PB160288BL



Tgt Ion:165 Resp: 17018

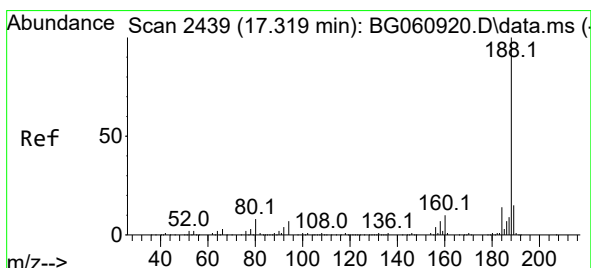
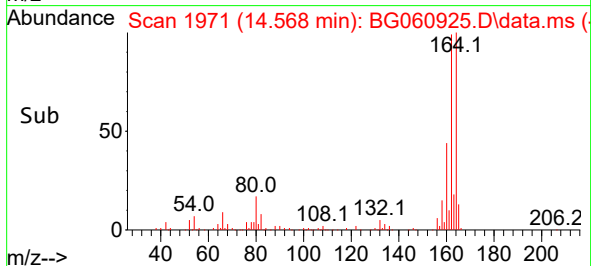
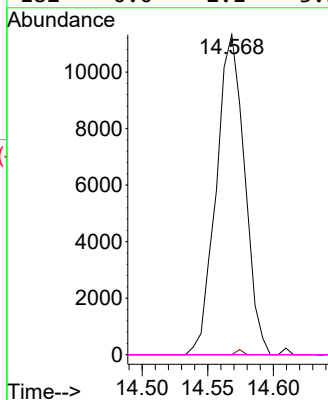
Ion Ratio Lower Upper

165 100

63 0.0 40.2 60.2#

89 0.0 59.0 88.4#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.312 min Scan# 2438

Delta R.T. -0.007 min

Lab File: BG060925.D

Acq: 17 Apr 2024 18:51

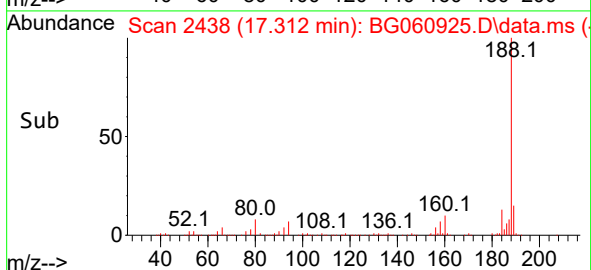
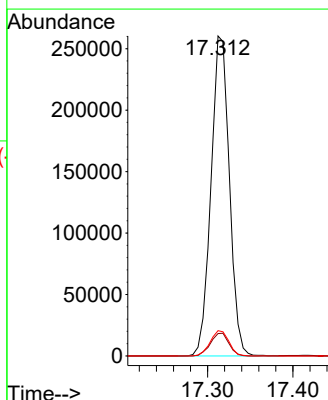
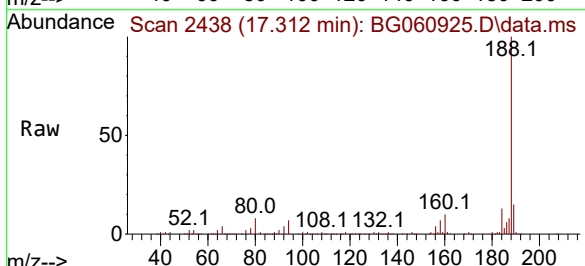
Tgt Ion:188 Resp: 389601

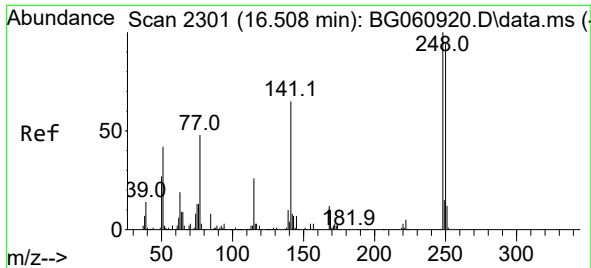
Ion Ratio Lower Upper

188 100

94 7.0 5.7 8.5

80 7.9 6.6 9.8

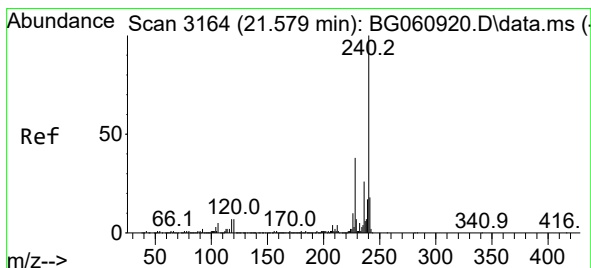
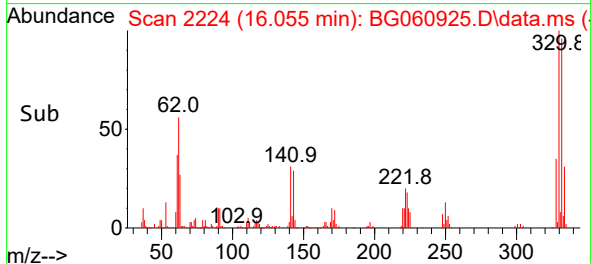
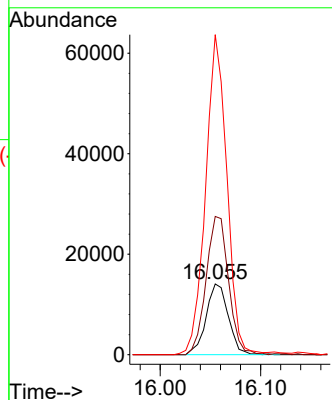
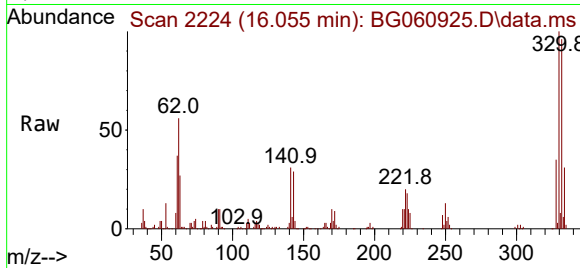




#67
4-Bromophenyl-phenylether
Concen: 4.956 ng
RT: 16.055 min Scan# 21
Delta R.T. -0.453 min
Lab File: BG060925.D
Acq: 17 Apr 2024 18:51

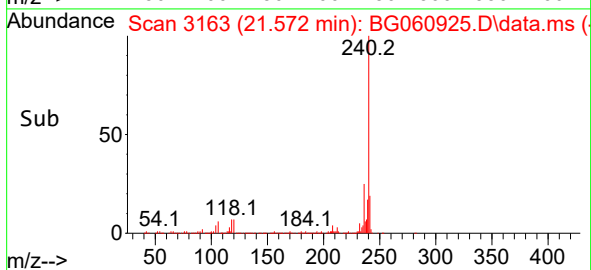
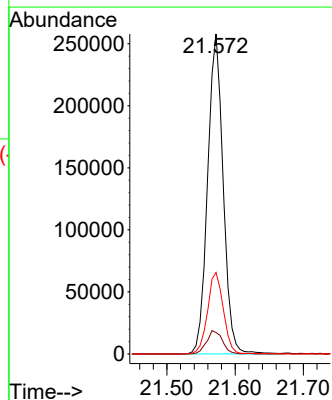
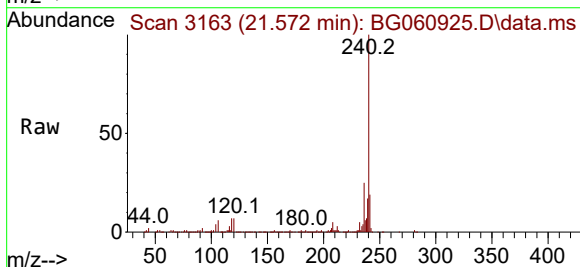
Instrument :
BNA_G
ClientSampleId :
PB160288BL

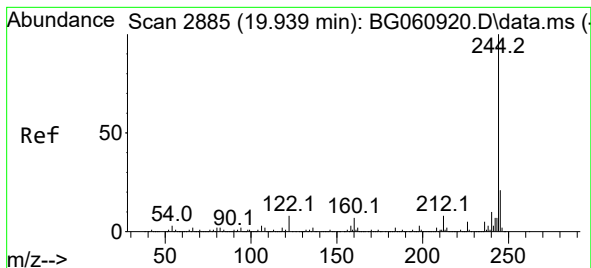
Tgt Ion:248 Resp: 21630
Ion Ratio Lower Upper
248 100
250 195.6 75.4 113.2#
141 452.6 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3163
Delta R.T. -0.007 min
Lab File: BG060925.D
Acq: 17 Apr 2024 18:51

Tgt Ion:240 Resp: 409097
Ion Ratio Lower Upper
240 100
120 6.7 5.7 8.5
236 25.5 21.1 31.7





#79

Terphenyl-d14

Concen: 88.008 ng

RT: 19.939 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG060925.D

Acq: 17 Apr 2024 18:51

Instrument :

BNA_G

ClientSampleId :

PB160288BL

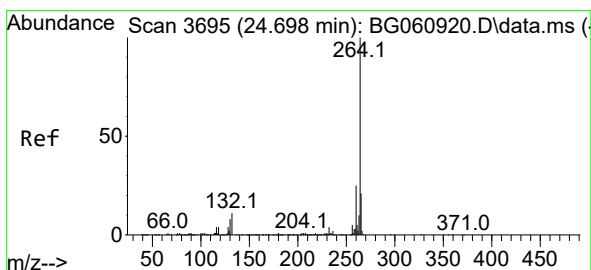
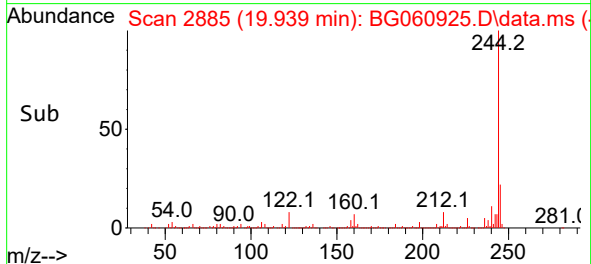
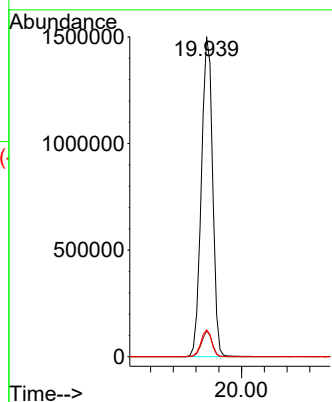
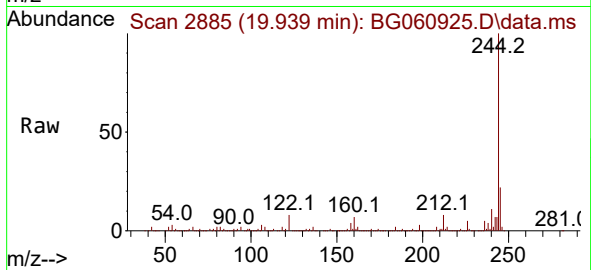
Tgt Ion:244 Resp: 2062986

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.4

122 8.4 6.6 9.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.692 min Scan# 3694

Delta R.T. -0.007 min

Lab File: BG060925.D

Acq: 17 Apr 2024 18:51

Tgt Ion:264 Resp: 474235

Ion Ratio Lower Upper

264 100

260 23.4 19.6 29.4

265 21.9 16.6 25.0

