

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

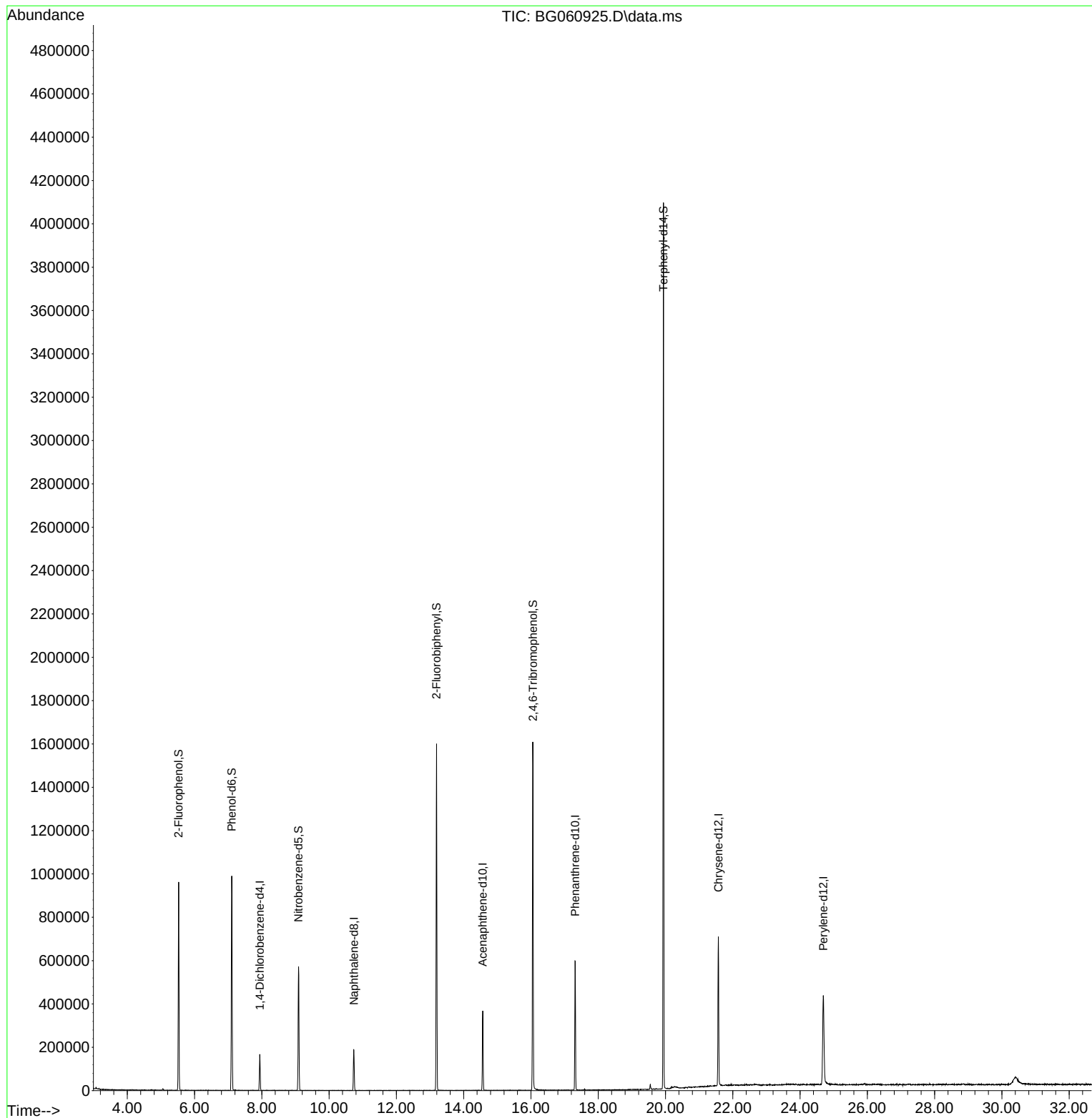
Target Compounds	Qvalue

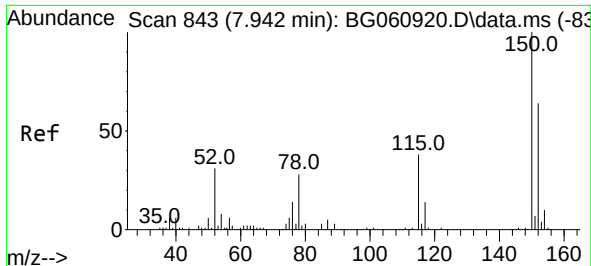
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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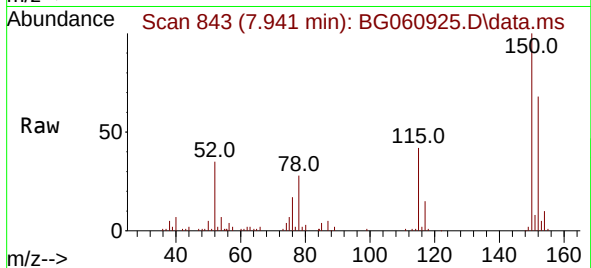
Quant Time: Apr 18 02:17:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
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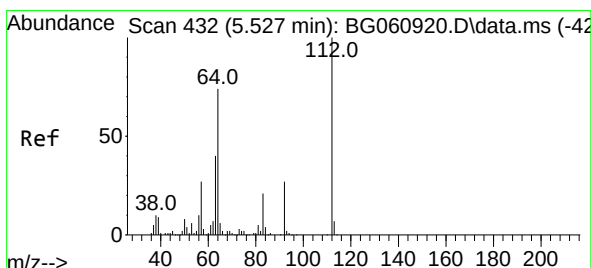
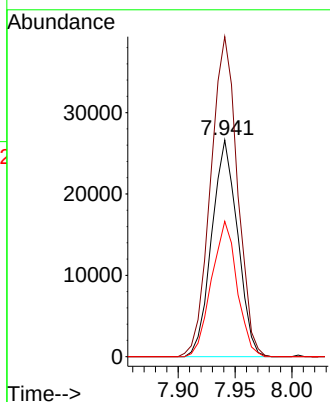
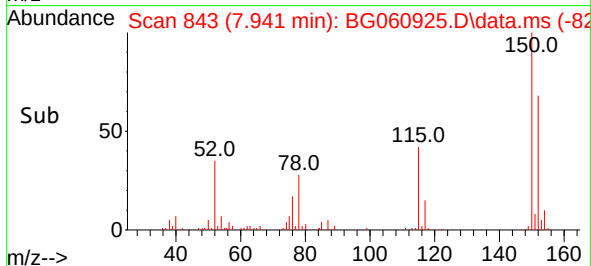


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.941 min Scan# 84
 Delta R.T. -0.001 min
 Lab File: BG060925.D
 Acq: 17 Apr 2024 18:51

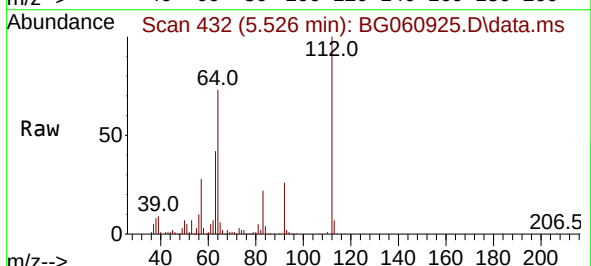
Instrument :
 BNA_G
 ClientSampleId :
 PB160288BL



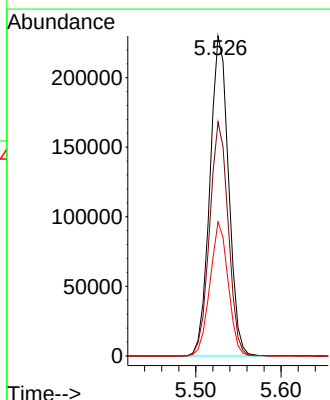
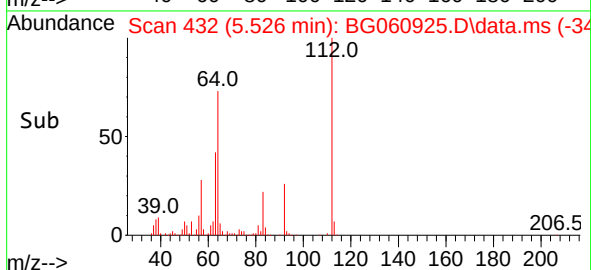
Tgt Ion:152 Resp: 42071
 Ion Ratio Lower Upper
 152 100
 150 147.7 125.6 188.4
 115 62.5 47.1 70.7

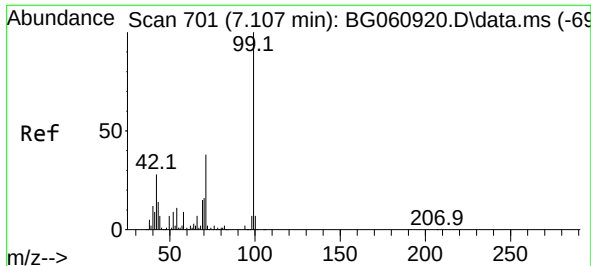


#5
 2-Fluorophenol
 Concen: 144.230 ng
 RT: 5.526 min Scan# 432
 Delta R.T. -0.001 min
 Lab File: BG060925.D
 Acq: 17 Apr 2024 18:51



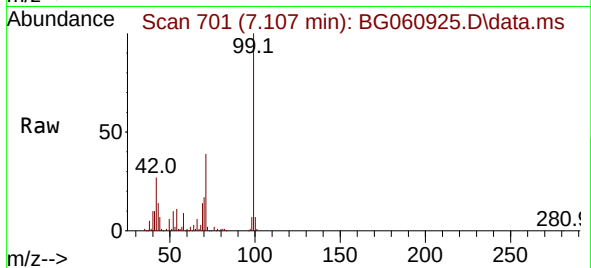
Tgt Ion:112 Resp: 349338
 Ion Ratio Lower Upper
 112 100
 64 73.1 58.9 88.3
 63 41.9 32.1 48.1





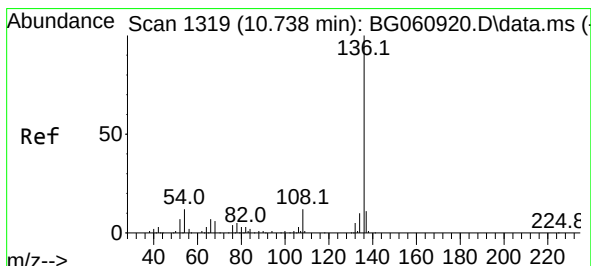
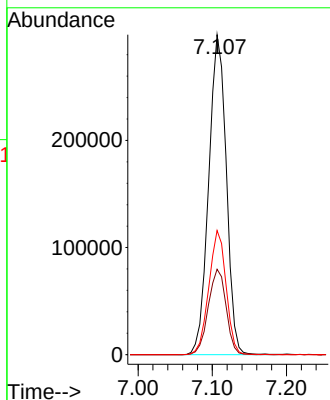
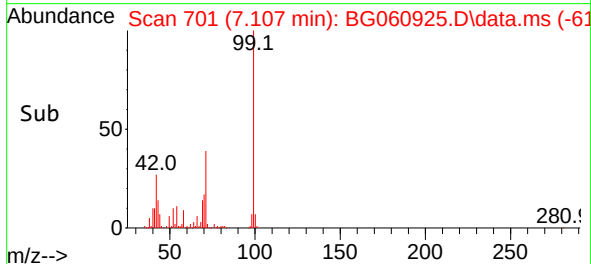
#7
Phenol-d6
Concen: 141.046 ng
RT: 7.107 min Scan# 701
Delta R.T. -0.001 min
Lab File: BG060925.D
Acq: 17 Apr 2024 18:51

Instrument :
BNA_G
ClientSampleId :
PB160288BL

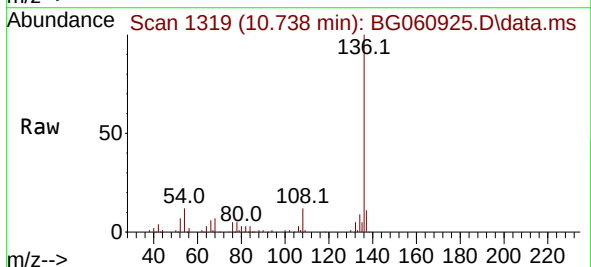


Tgt Ion: 99 Resp: 492139

Ion	Ratio	Lower	Upper
99	100		
42	26.7	22.2	33.2
71	38.8	30.5	45.7

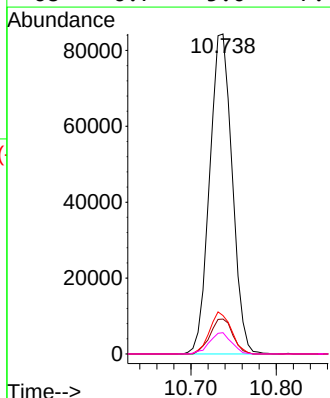
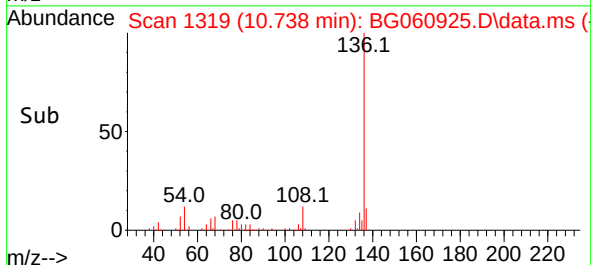


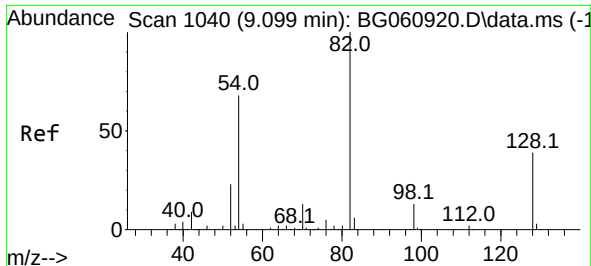
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.738 min Scan# 1319
Delta R.T. -0.001 min
Lab File: BG060925.D
Acq: 17 Apr 2024 18:51



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

Instrument :

BNA_G

ClientSampleId :

PB160288BL

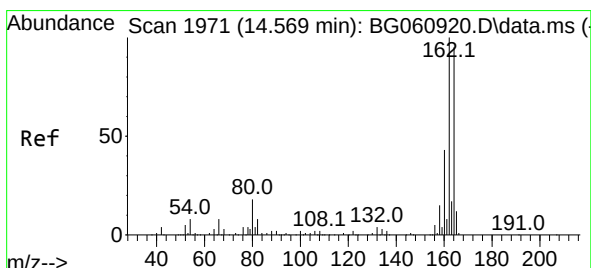
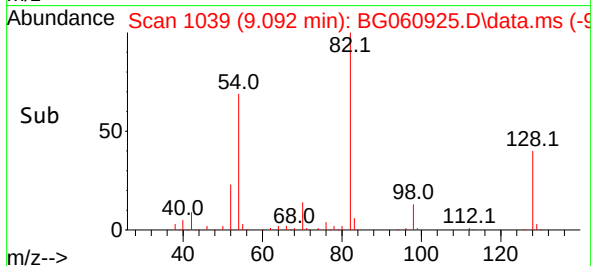
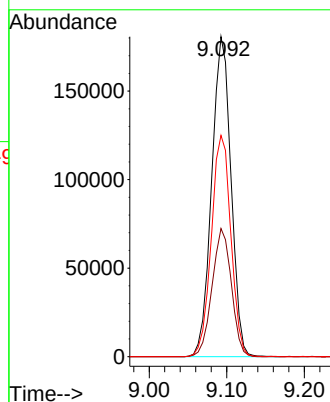
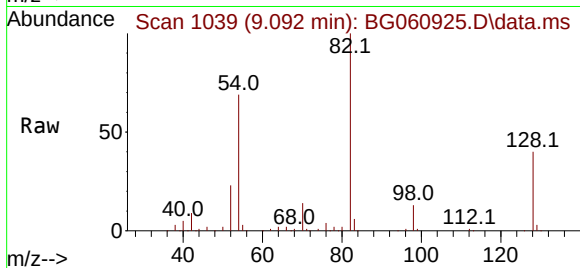
Tgt Ion: 82 Resp: 312971

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

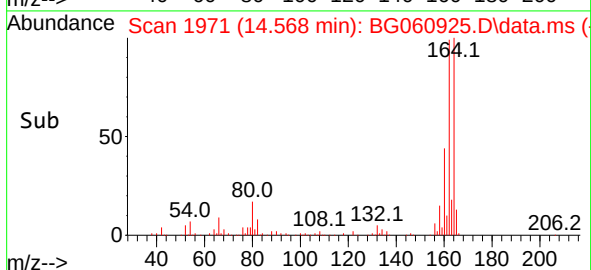
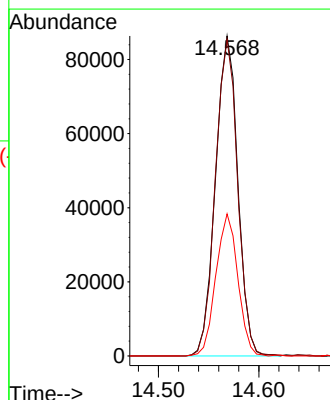
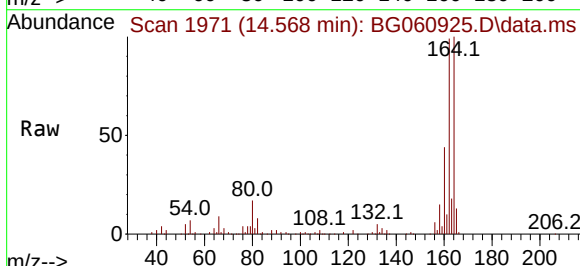
Tgt Ion: 164 Resp: 133265

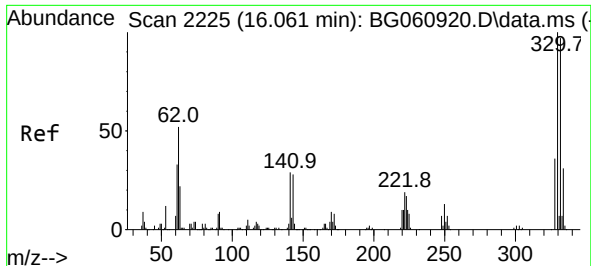
Ion Ratio Lower Upper

164 100

162 99.0 84.1 126.1

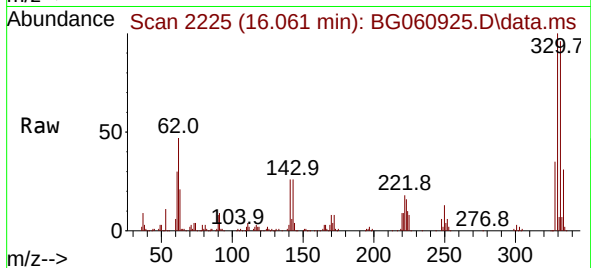
160 44.4 35.9 53.9



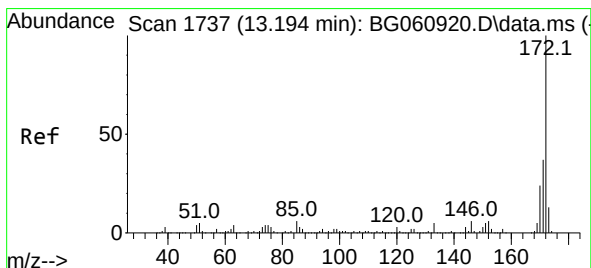
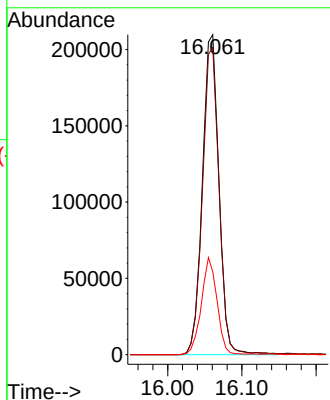
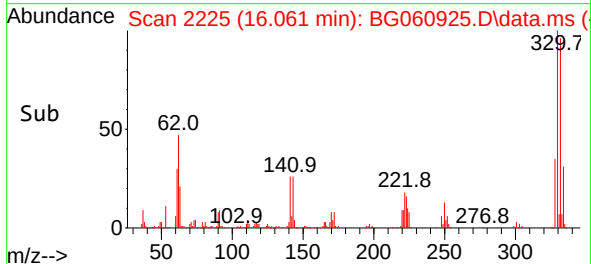


#42
2,4,6-Tribromophenol
Concen: 148.470 ng
RT: 16.061 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060925.D
Acq: 17 Apr 2024 18:51

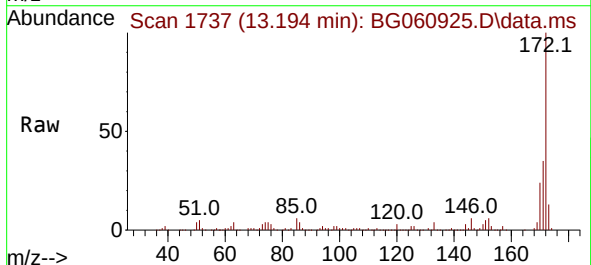
Instrument :
BNA_G
ClientSampleId :
PB160288BL



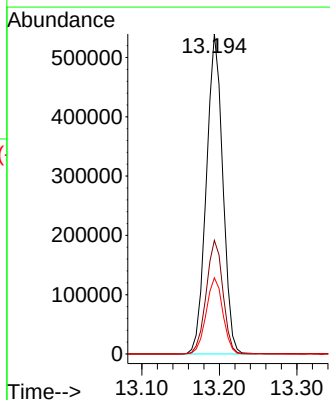
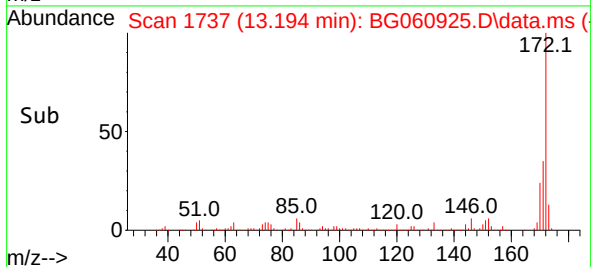
Tgt Ion:330 Resp: 326870
Ion Ratio Lower Upper
330 100
332 95.5 76.9 115.3
141 28.8 23.7 35.5

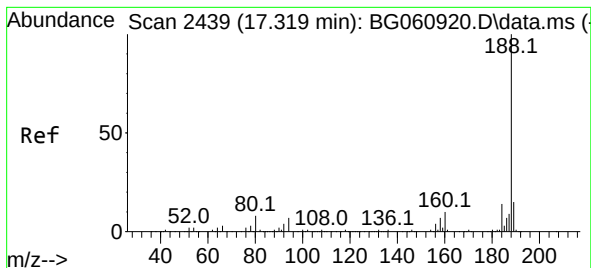


#45
2-Fluorobiphenyl
Concen: 87.380 ng
RT: 13.194 min Scan# 1737
Delta R.T. -0.001 min
Lab File: BG060925.D
Acq: 17 Apr 2024 18:51



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





#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

Instrument :

BNA_G

ClientSampleId :

PB160288BL

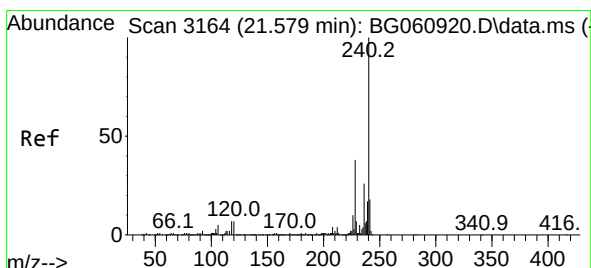
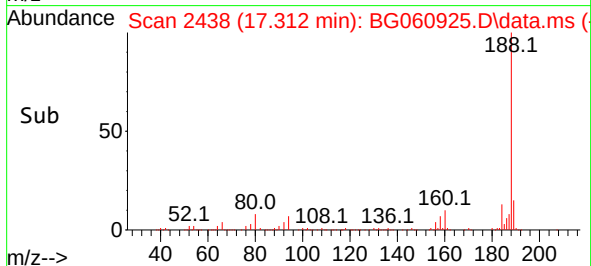
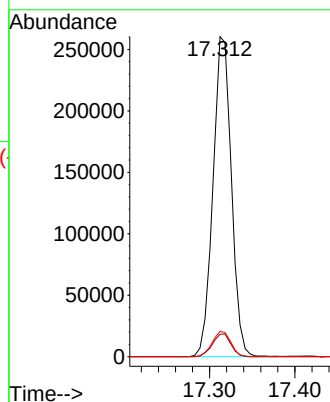
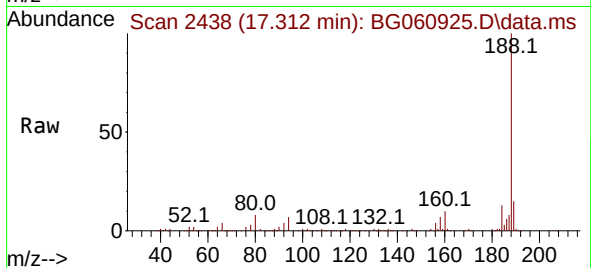
Tgt Ion:188 Resp: 389601

Ion Ratio Lower Upper

188 100

94 7.0 5.7 8.5

80 7.9 6.6 9.8



#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

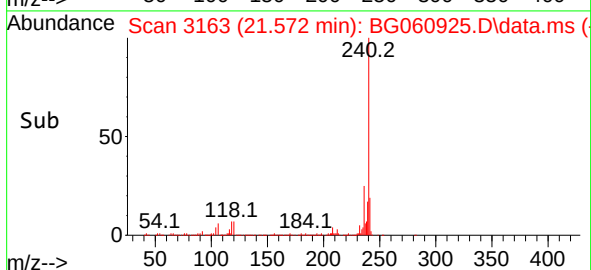
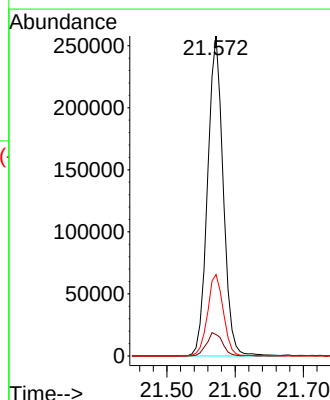
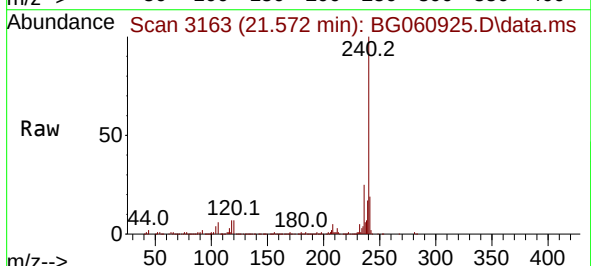
Tgt Ion:240 Resp: 409097

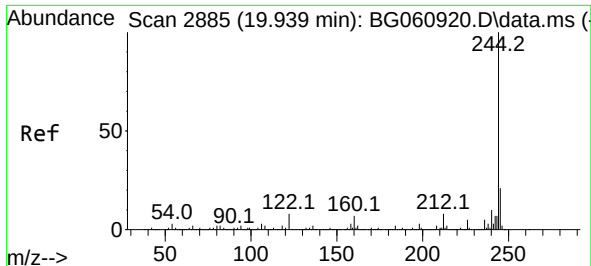
Ion Ratio Lower Upper

240 100

120 6.7 5.7 8.5

236 25.5 21.1 31.7

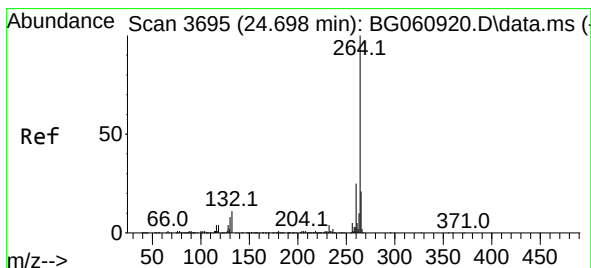
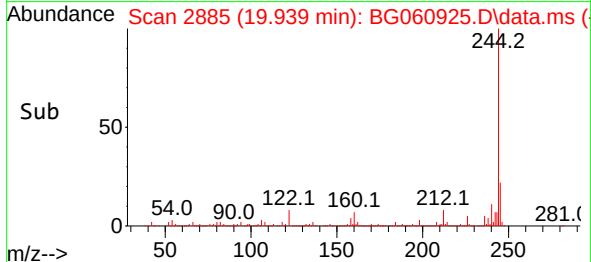
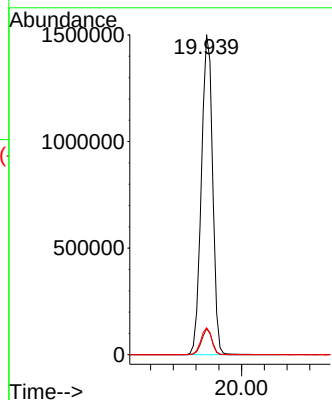
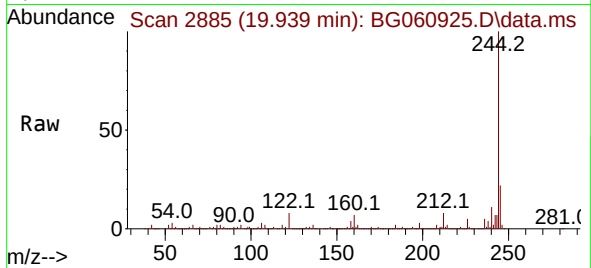




#79
 Terphenyl-d14
 Concen: 88.008 ng
 RT: 19.939 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG060925.D
 Acq: 17 Apr 2024 18:51

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

