

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051024\
 Data File : BG061161.D
 Acq On : 10 May 2024 12:47
 Operator : MA/JU
 Sample : PB160758TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160758TB

Quant Time: May 10 13:19:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 05:11:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	18027	20.000	ng	-0.03
21) Naphthalene-d8	10.725	136	71346	20.000	ng	-0.03
39) Acenaphthene-d10	14.562	164	64879	20.000	ng	-0.03
64) Phenanthrene-d10	17.311	188	173932	20.000	ng	#-0.02
76) Chrysene-d12	21.571	240	185704	20.000	ng	-0.02
86) Perylene-d12	24.697	264	219412	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.519	112	142016	160.217	ng	-0.03
7) Phenol-d6	7.106	99	188864	144.032	ng	-0.03
23) Nitrobenzene-d5	9.086	82	129883	90.245	ng	-0.03
42) 2,4,6-Tribromophenol	16.054	330	170514	131.487	ng	-0.02
45) 2-Fluorobiphenyl	13.181	172	379014	86.384	ng	-0.03
79) Terphenyl-d14	19.932	244	1003072	89.834	ng	-0.02

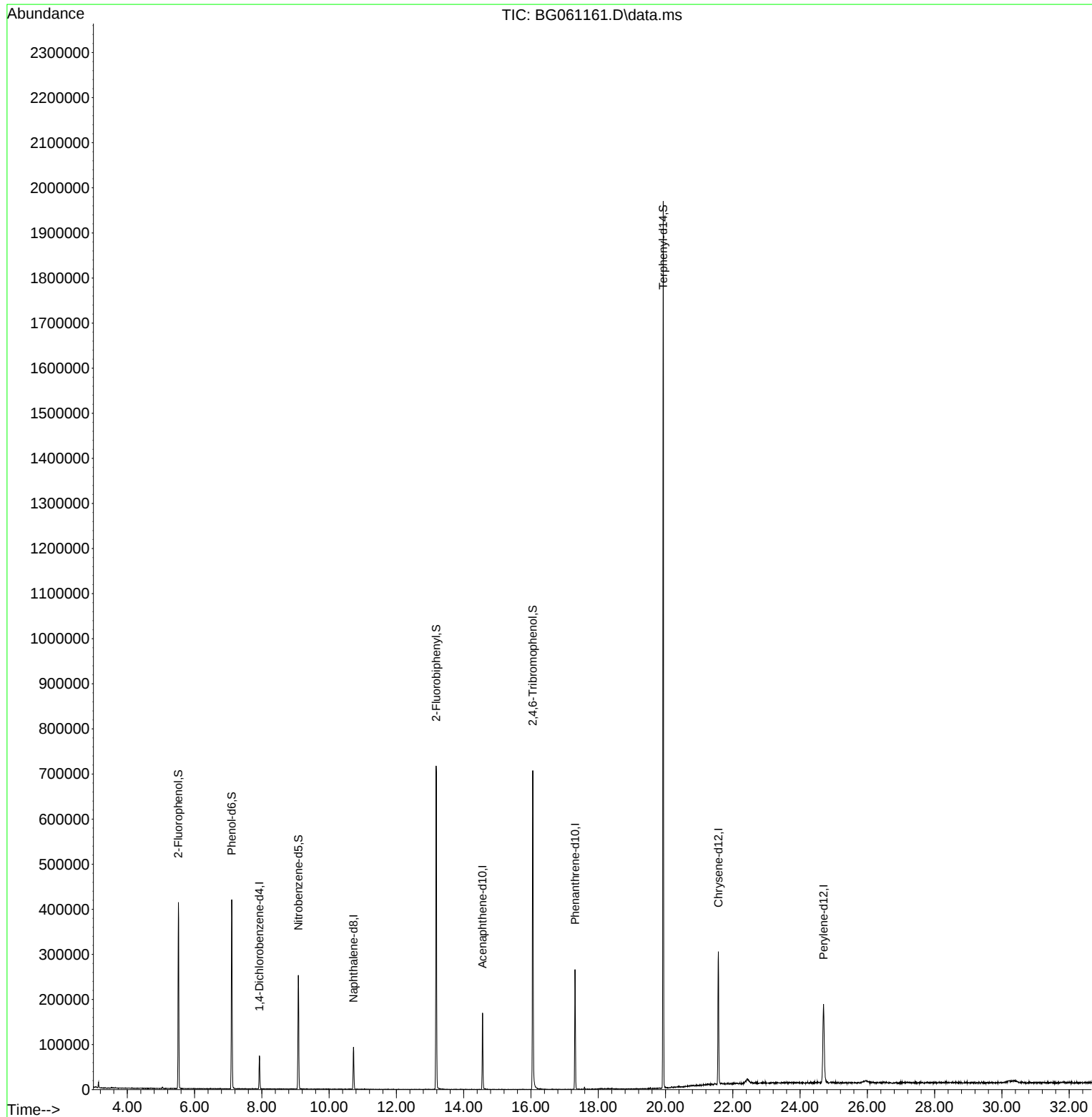
Target Compounds	Qvalue

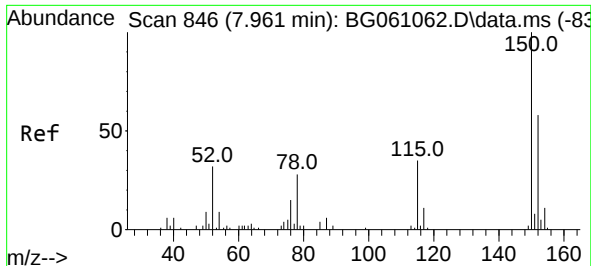
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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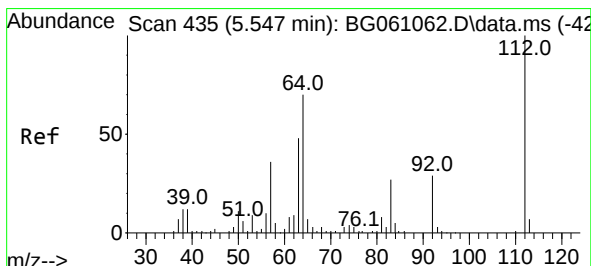
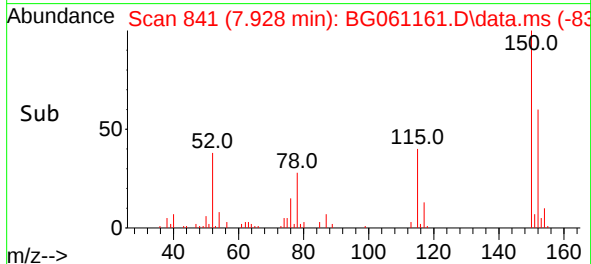
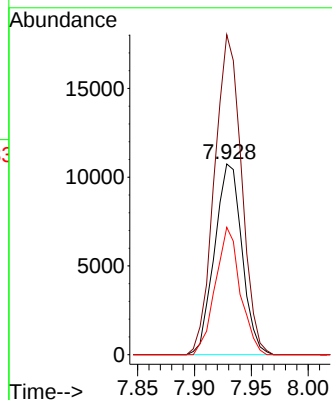
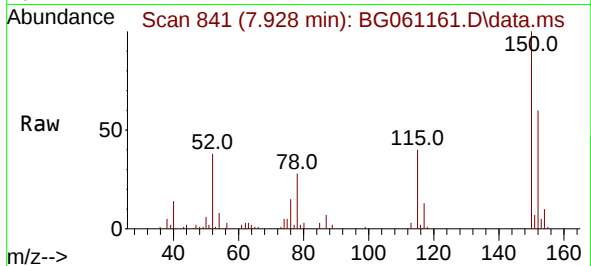




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 846
Delta R.T. -0.033 min
Lab File: BG061161.D
Acq: 10 May 2024 12:47

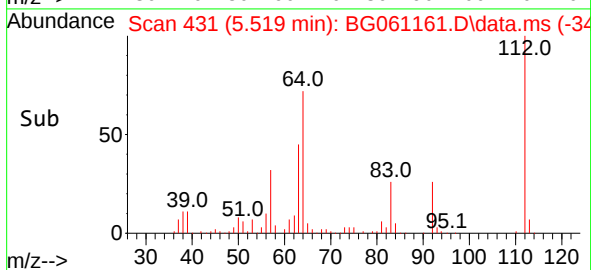
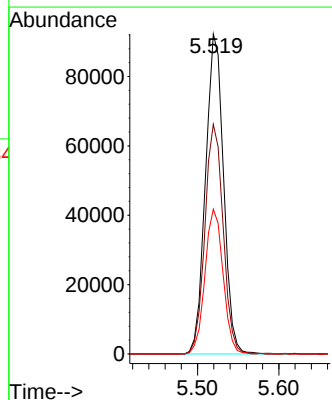
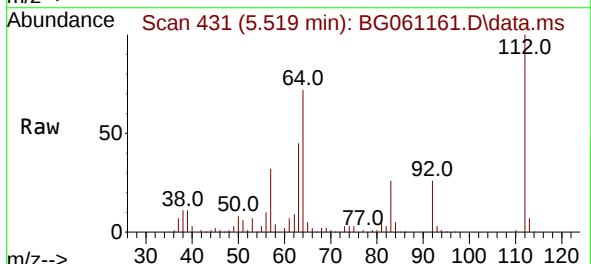
Instrument :
BNA_G
ClientSampleId :
PB160758TB

Tgt Ion:152 Resp: 18027
Ion Ratio Lower Upper
152 100
150 167.8 138.3 207.5
115 66.8 48.0 72.0



#5
2-Fluorophenol
Concen: 160.217 ng
RT: 5.519 min Scan# 431
Delta R.T. -0.027 min
Lab File: BG061161.D
Acq: 10 May 2024 12:47

Tgt Ion:112 Resp: 142016
Ion Ratio Lower Upper
112 100
64 71.7 55.7 83.5
63 45.3 38.1 57.1

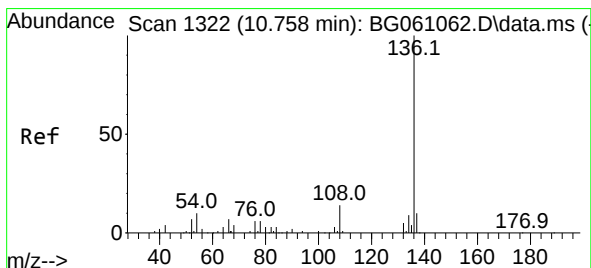
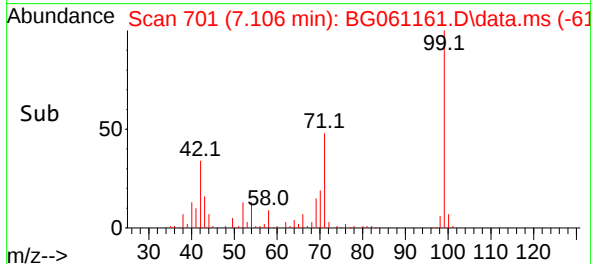
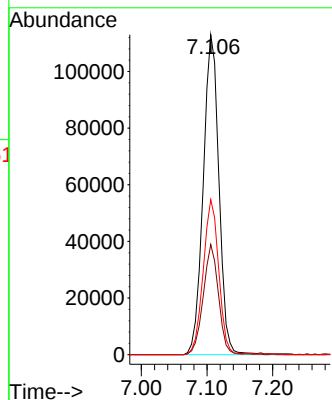
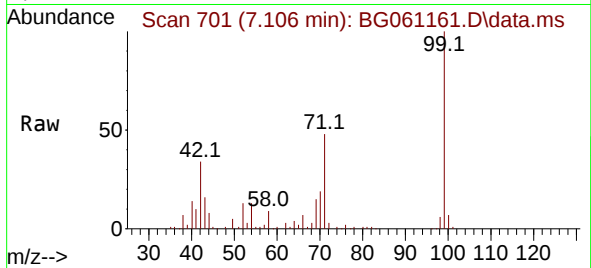




#7
Phenol-d6
Concen: 144.032 ng
RT: 7.106 min Scan# 705
Delta R.T. -0.027 min
Lab File: BG061161.D
Acq: 10 May 2024 12:47

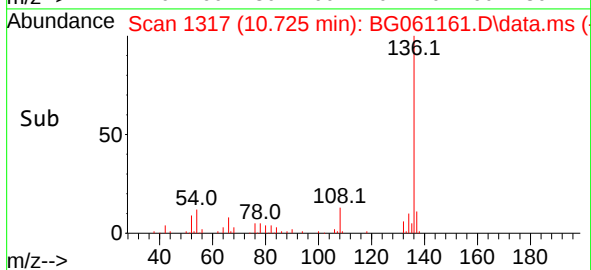
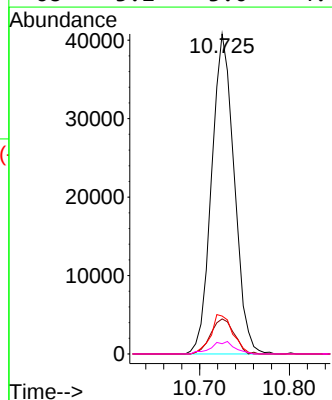
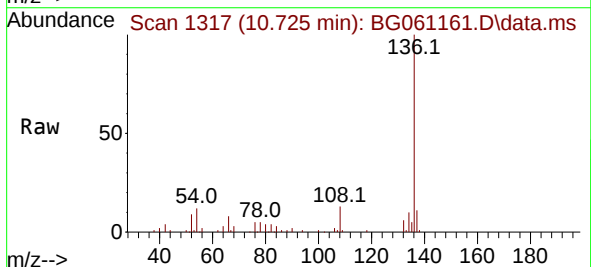
Instrument :
BNA_G
ClientSampleId :
PB160758TB

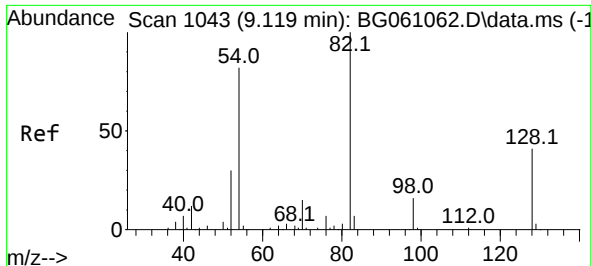
Tgt Ion: 99 Resp: 188864
Ion Ratio Lower Upper
99 100
42 34.5 29.2 43.8
71 48.4 39.7 59.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.725 min Scan# 1317
Delta R.T. -0.033 min
Lab File: BG061161.D
Acq: 10 May 2024 12:47

Tgt Ion: 136 Resp: 71346
Ion Ratio Lower Upper
136 100
137 11.0 7.8 11.6
54 11.9 8.1 12.1
68 3.2 3.0 4.4





#23

Nitrobenzene-d5

Concen: 90.245 ng

RT: 9.086 min Scan# 1043

Delta R.T. -0.033 min

Lab File: BG061161.D

Acq: 10 May 2024 12:47

Instrument :

BNA_G

ClientSampleId :

PB160758TB

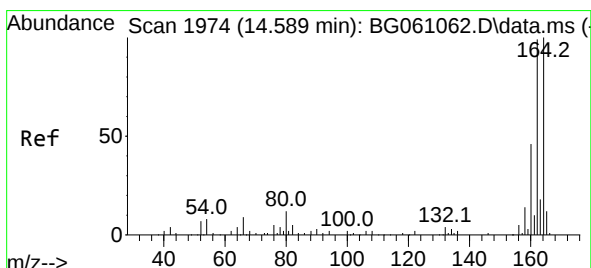
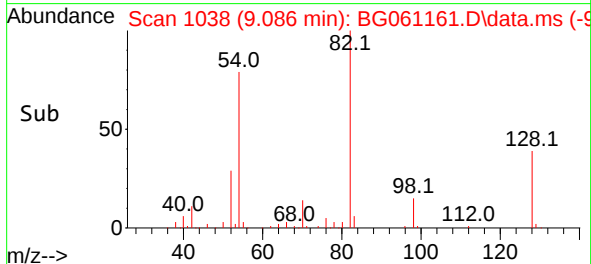
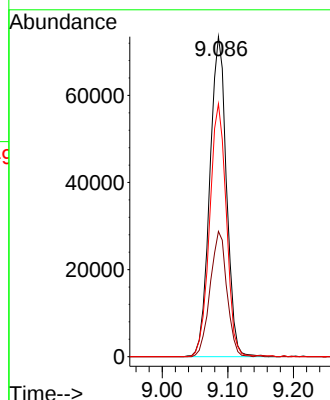
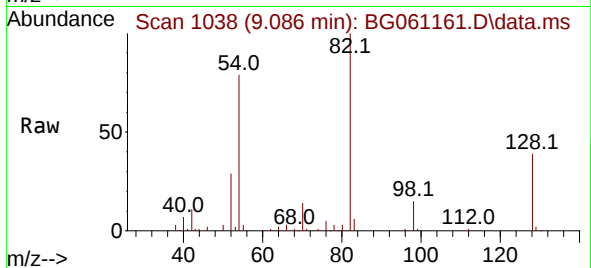
Tgt Ion: 82 Resp: 129883

Ion Ratio Lower Upper

82 100

128 39.2 32.7 49.1

54 79.0 65.6 98.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.562 min Scan# 1970

Delta R.T. -0.027 min

Lab File: BG061161.D

Acq: 10 May 2024 12:47

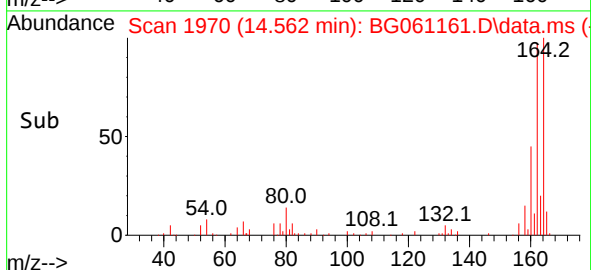
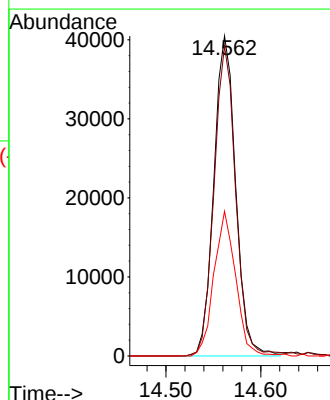
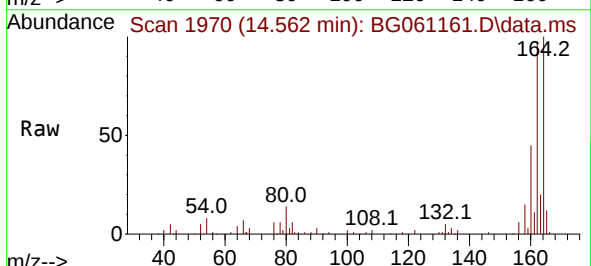
Tgt Ion: 164 Resp: 64879

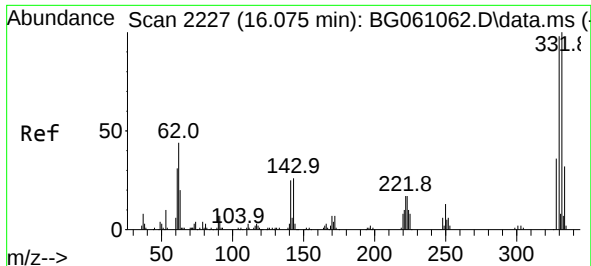
Ion Ratio Lower Upper

164 100

162 96.9 79.4 119.2

160 45.2 37.0 55.6

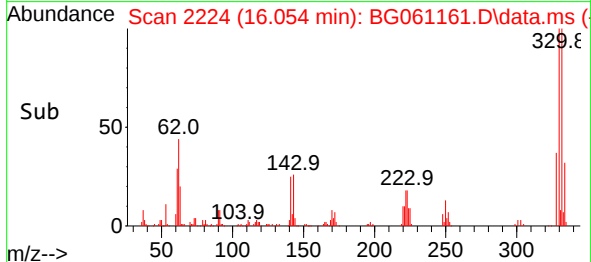
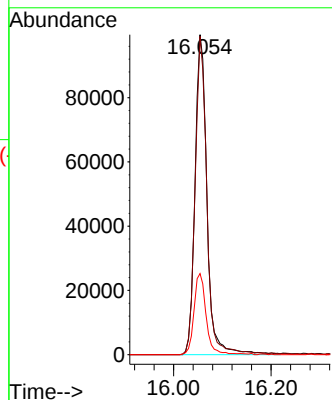
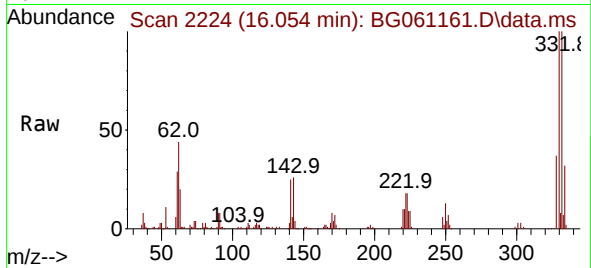




#42
2,4,6-Tribromophenol
Concen: 131.487 ng
RT: 16.054 min Scan# 21
Delta R.T. -0.021 min
Lab File: BG061161.D
Acq: 10 May 2024 12:47

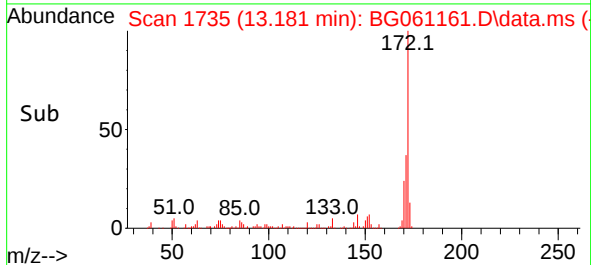
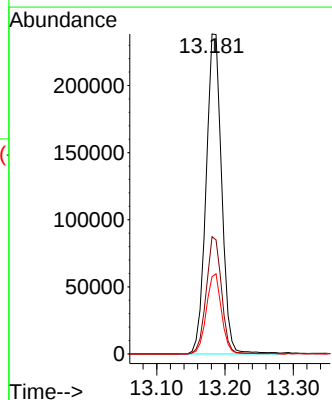
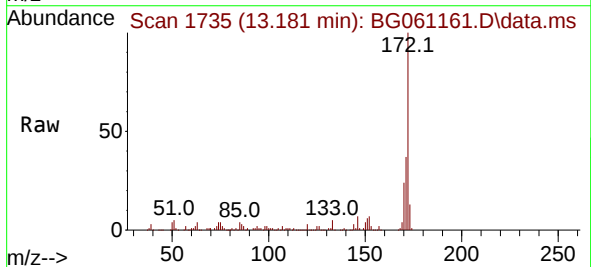
Instrument :
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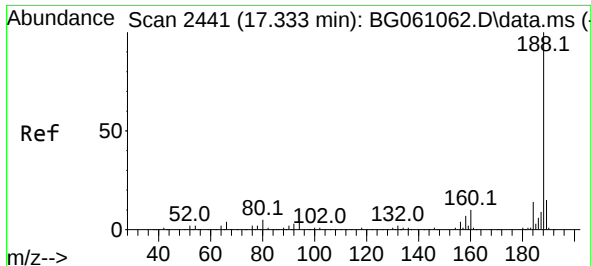
Tgt Ion:330 Resp: 170514
Ion Ratio Lower Upper
330 100
332 97.5 78.6 117.8
141 25.9 20.5 30.7



#45
2-Fluorobiphenyl
Concen: 86.384 ng
RT: 13.181 min Scan# 1735
Delta R.T. -0.027 min
Lab File: BG061161.D
Acq: 10 May 2024 12:47

Tgt Ion:172 Resp: 379014
Ion Ratio Lower Upper
172 100
171 36.7 29.0 43.6
170 24.2 20.2 30.4

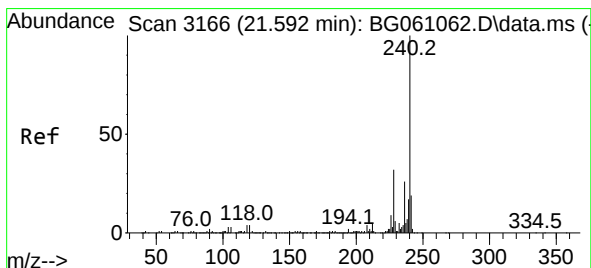
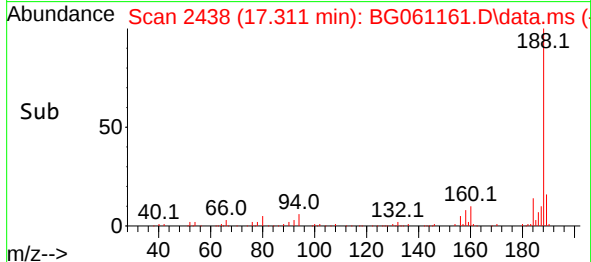
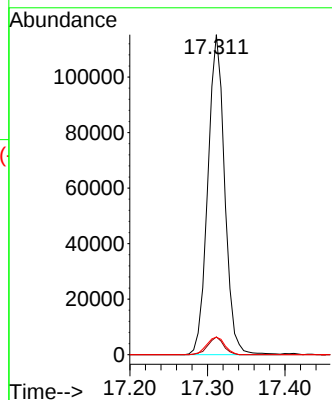
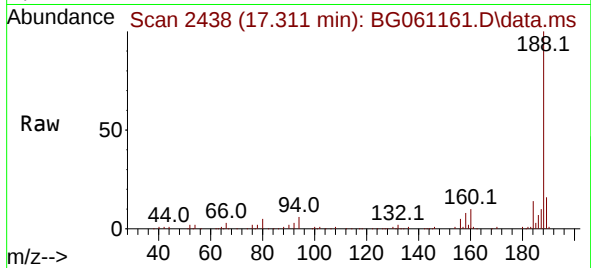




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.311 min Scan# 2441
Delta R.T. -0.021 min
Lab File: BG061161.D
Acq: 10 May 2024 12:47

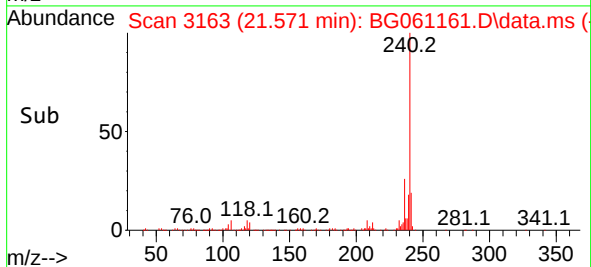
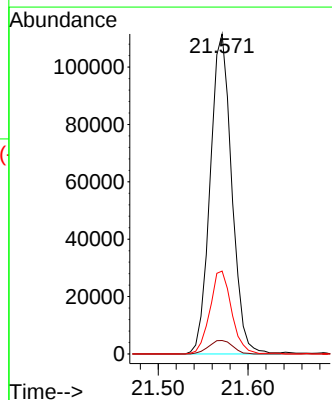
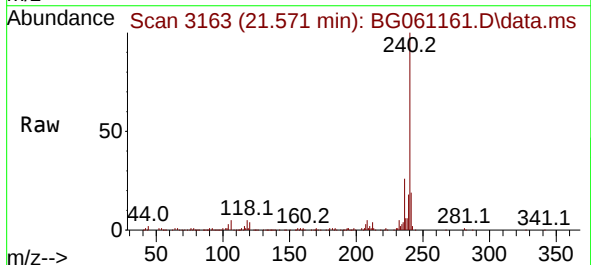
Instrument :
BNA_G
ClientSampleId :
PB160758TB

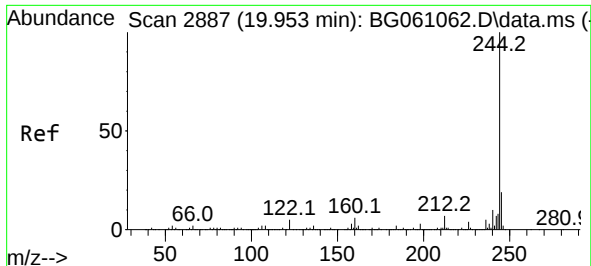
Tgt Ion:188 Resp: 173932
Ion Ratio Lower Upper
188 100
94 5.6 3.6 5.4#
80 5.4 4.2 6.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.571 min Scan# 3163
Delta R.T. -0.021 min
Lab File: BG061161.D
Acq: 10 May 2024 12:47

Tgt Ion:240 Resp: 185704
Ion Ratio Lower Upper
240 100
120 4.2 3.2 4.8
236 25.9 21.0 31.6

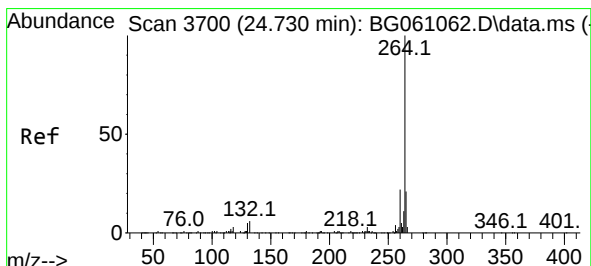
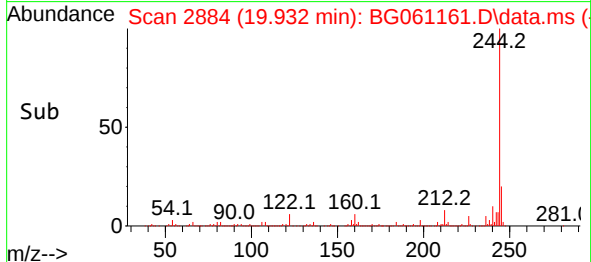
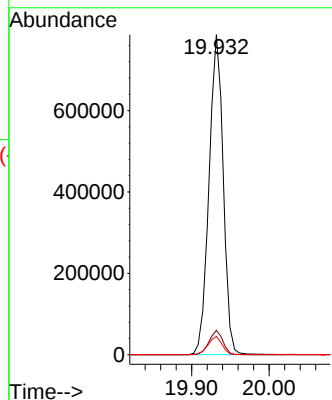
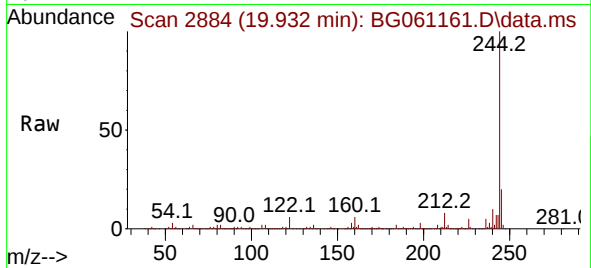




#79
 Terphenyl-d14
 Concen: 89.834 ng
 RT: 19.932 min Scan# 21
 Delta R.T. -0.021 min
 Lab File: BG061161.D
 Acq: 10 May 2024 12:47

Instrument :
 BNA_G
 ClientSampleId :
 PB160758TB

Tgt Ion:244 Resp: 1003072
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.7 8.5
 122 5.7 4.2 6.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.697 min Scan# 3695
 Delta R.T. -0.033 min
 Lab File: BG061161.D
 Acq: 10 May 2024 12:47

Tgt Ion:264 Resp: 219412
 Ion Ratio Lower Upper
 264 100
 260 24.2 17.7 26.5
 265 23.4 16.4 24.6

