

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
 Data File : BG064302.D
 Acq On : 8 Sep 2025 11:12
 Operator : RC/JU
 Sample : PB169566BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB169566BL

Quant Time: Sep 08 12:15:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.850	152	21844	20.000	ng	0.00
21) Naphthalene-d8	10.635	136	88744	20.000	ng	#-0.02
39) Acenaphthene-d10	14.477	164	70127	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	186655	20.000	ng	# 0.00
76) Chrysene-d12	21.445	240	205964	20.000	ng	# 0.00
86) Perylene-d12	24.454	264	225743	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.441	112	173234	142.281	ng	0.00
7) Phenol-d6	7.021	99	227793	136.182	ng	0.00
23) Nitrobenzene-d5	9.001	82	163352	102.657	ng	-0.02
42) 2,4,6-Tribromophenol	15.964	330	156211	168.174	ng	0.00
45) 2-Fluorobiphenyl	13.096	172	425539	92.621	ng	-0.02
79) Terphenyl-d14	19.836	244	965803	97.833	ng	0.00

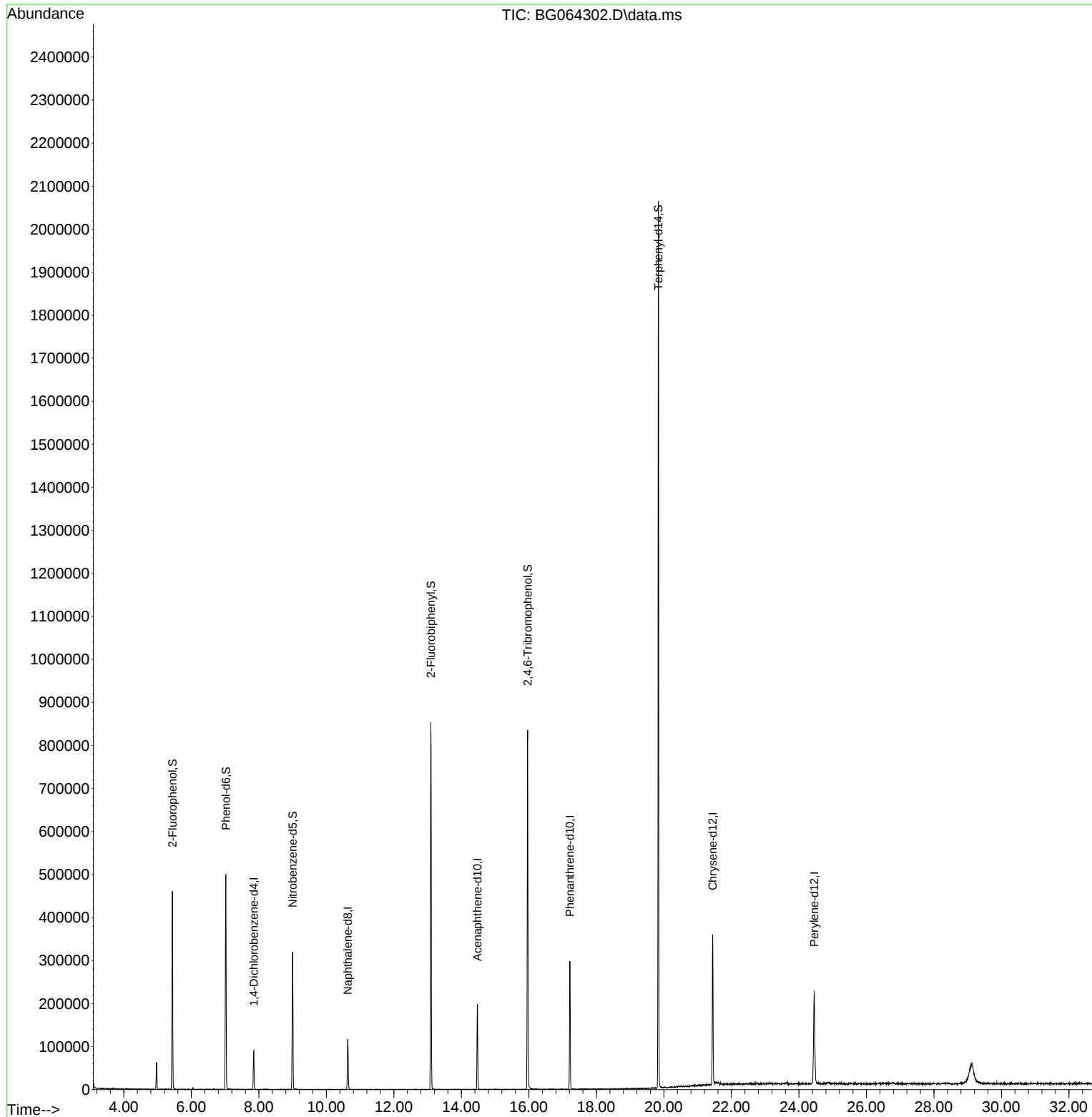
Target Compounds	Qvalue

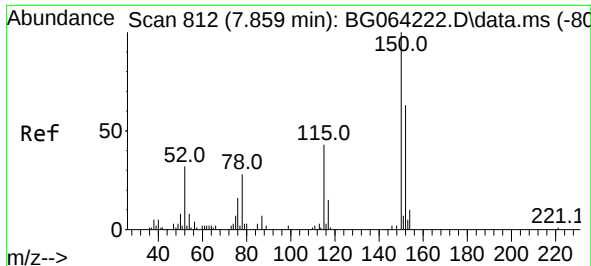
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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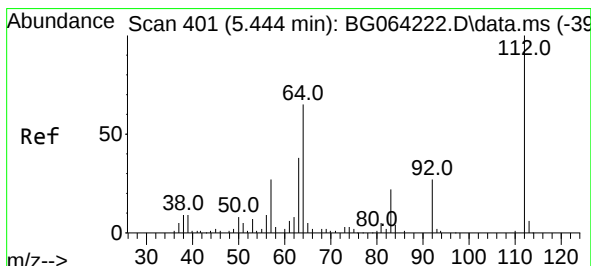
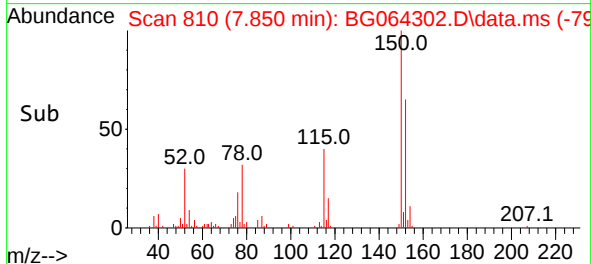
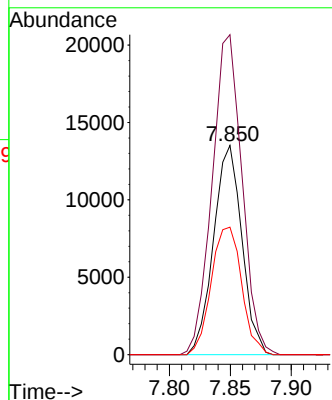
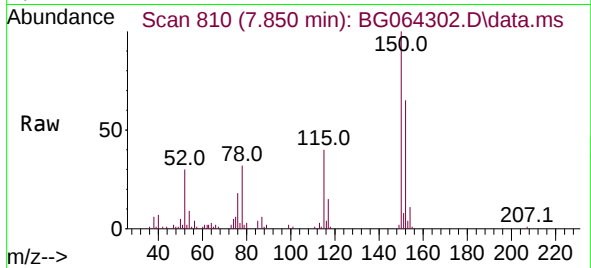




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.850 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG064302.D
Acq: 8 Sep 2025 11:12

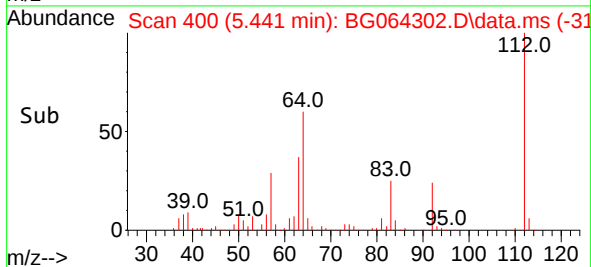
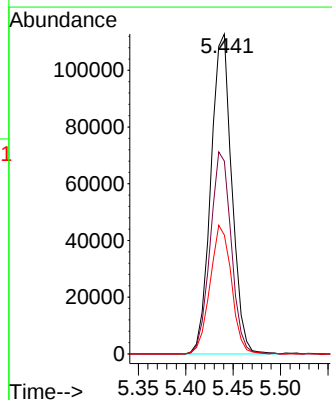
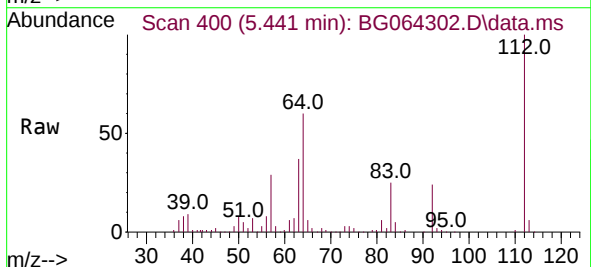
Instrument :
BNA_G
ClientSampleId :
PB169566BL

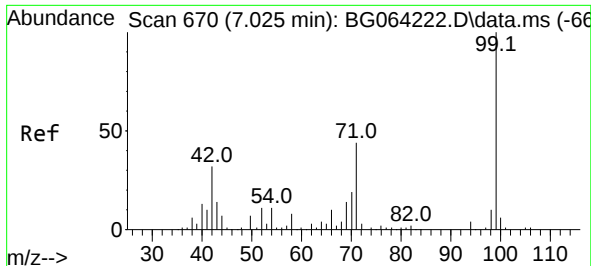
Tgt Ion:152 Resp: 21844
Ion Ratio Lower Upper
152 100
150 152.9 128.0 192.0
115 60.9 55.7 83.5



#5
2-Fluorophenol
Concen: 142.281 ng
RT: 5.441 min Scan# 400
Delta R.T. -0.004 min
Lab File: BG064302.D
Acq: 8 Sep 2025 11:12

Tgt Ion:112 Resp: 173234
Ion Ratio Lower Upper
112 100
64 60.2 51.8 77.6
63 37.1 30.6 45.8

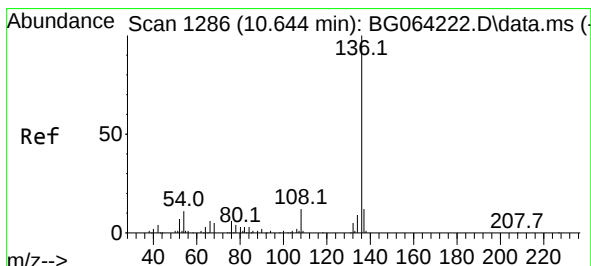
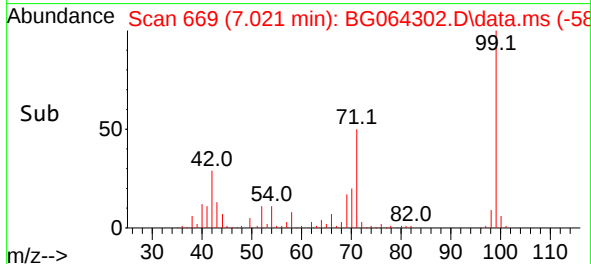
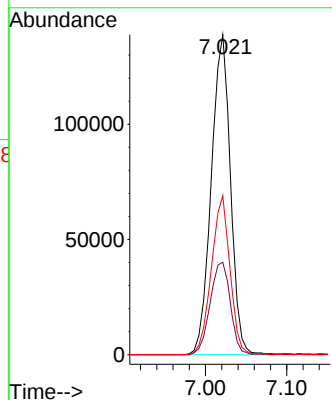
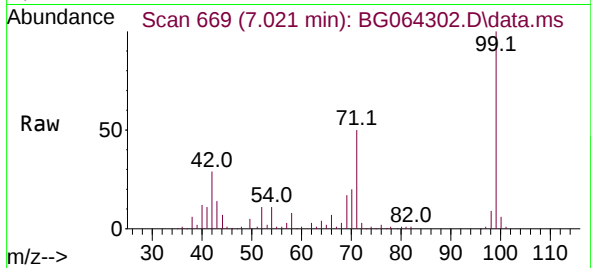




#7
Phenol-d6
Concen: 136.182 ng
RT: 7.021 min Scan# 60
Delta R.T. -0.009 min
Lab File: BG064302.D
Acq: 8 Sep 2025 11:12

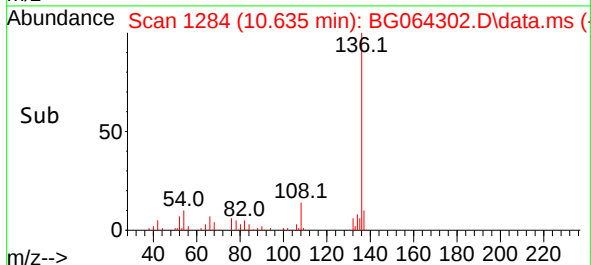
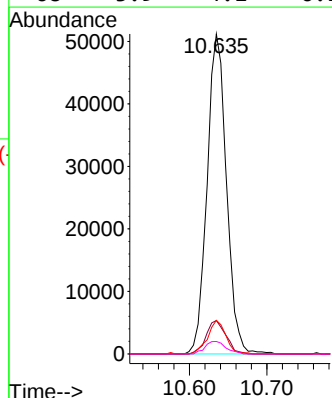
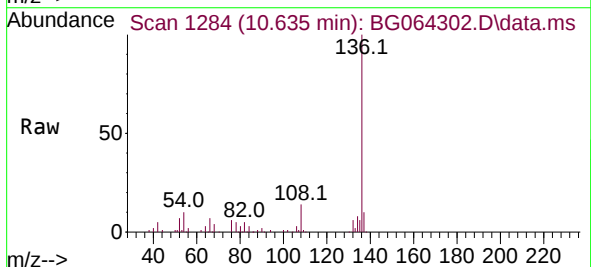
Instrument :
BNA_G
ClientSampleId :
PB169566BL

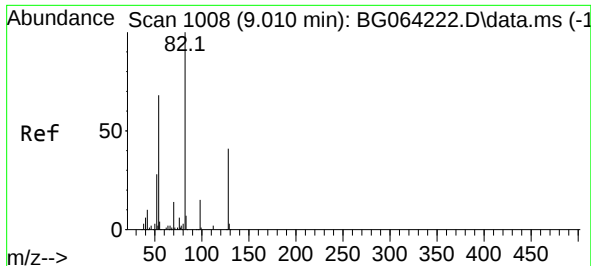
Tgt Ion: 99 Resp: 227793
Ion Ratio Lower Upper
99 100
42 28.9 25.8 38.8
71 49.6 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.635 min Scan# 1284
Delta R.T. -0.015 min
Lab File: BG064302.D
Acq: 8 Sep 2025 11:12

Tgt Ion: 136 Resp: 88744
Ion Ratio Lower Upper
136 100
137 10.4 9.6 14.4
54 10.5 8.8 13.2
68 3.9 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 102.657 ng

RT: 9.001 min Scan# 1006

Delta R.T. -0.015 min

Lab File: BG064302.D

Acq: 8 Sep 2025 11:12

Instrument :

BNA_G

ClientSampleId :

PB169566BL

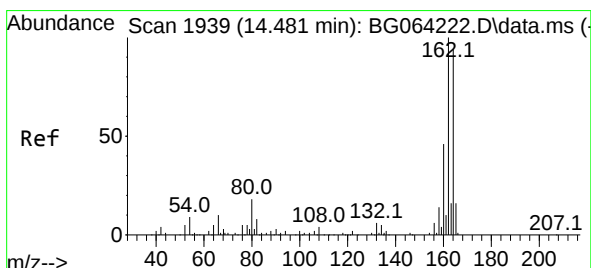
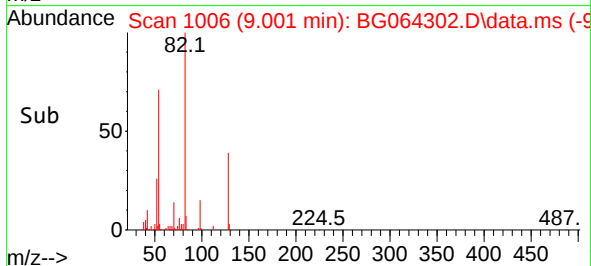
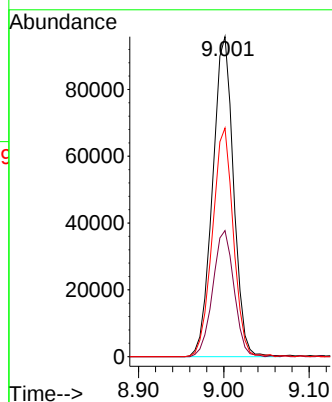
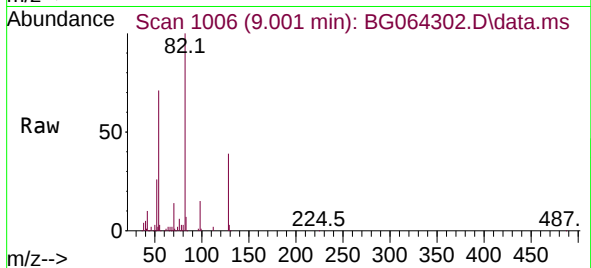
Tgt Ion: 82 Resp: 163352

Ion Ratio Lower Upper

82 100

128 39.4 32.6 48.8

54 71.4 54.7 82.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.477 min Scan# 1938

Delta R.T. -0.004 min

Lab File: BG064302.D

Acq: 8 Sep 2025 11:12

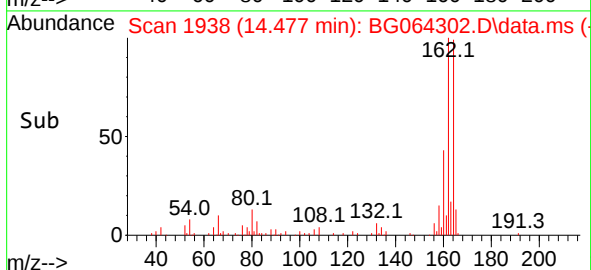
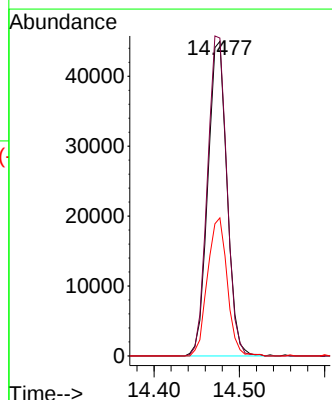
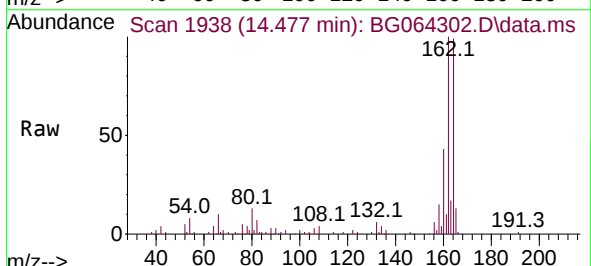
Tgt Ion:164 Resp: 70127

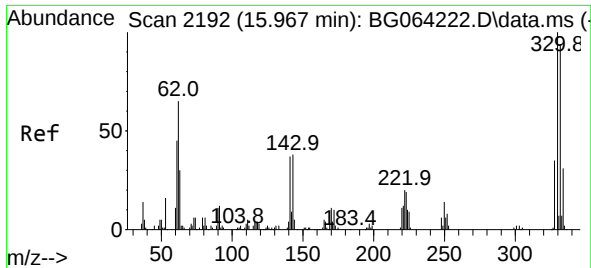
Ion Ratio Lower Upper

164 100

162 101.1 85.4 128.0

160 43.9 39.2 58.8

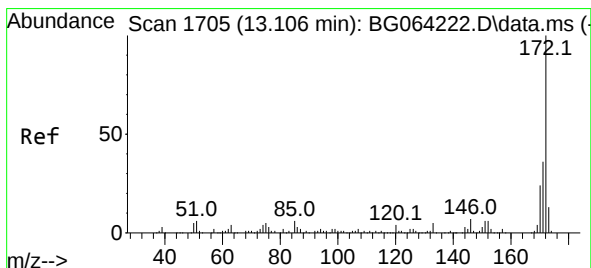
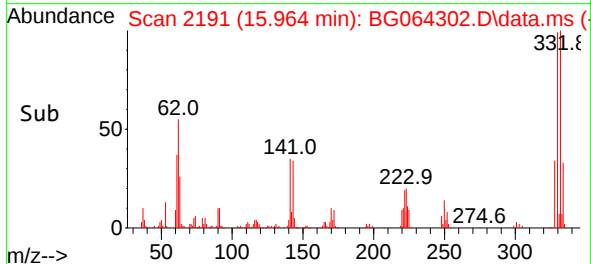
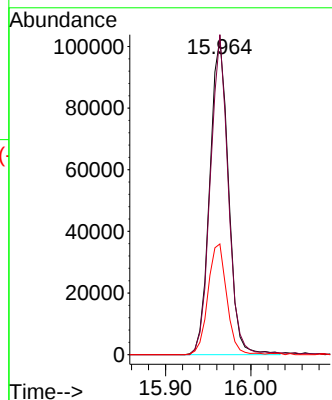
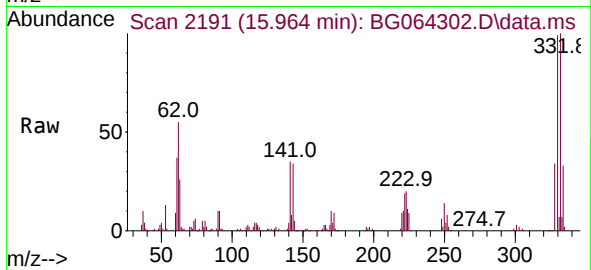




#42
 2,4,6-Tribromophenol
 Concen: 168.174 ng
 RT: 15.964 min Scan# 2191
 Delta R.T. -0.009 min
 Lab File: BG064302.D
 Acq: 8 Sep 2025 11:12

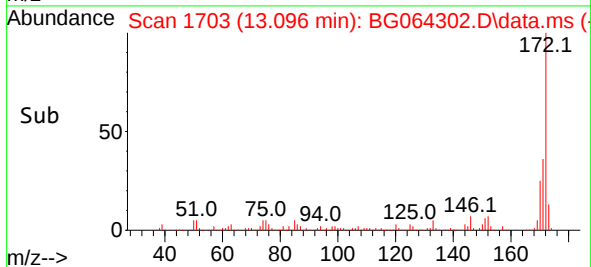
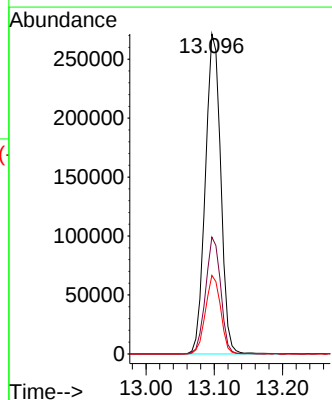
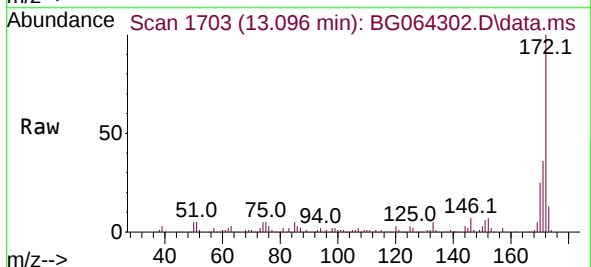
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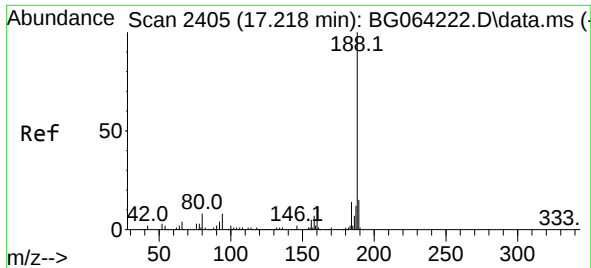
Tgt Ion:330 Resp: 156211
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.6 116.4
 141 35.1 29.8 44.6



#45
 2-Fluorobiphenyl
 Concen: 92.621 ng
 RT: 13.096 min Scan# 1703
 Delta R.T. -0.015 min
 Lab File: BG064302.D
 Acq: 8 Sep 2025 11:12

Tgt Ion:172 Resp: 425539
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.7 43.1
 170 24.5 19.0 28.6

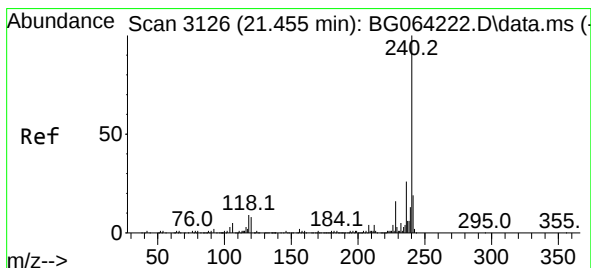
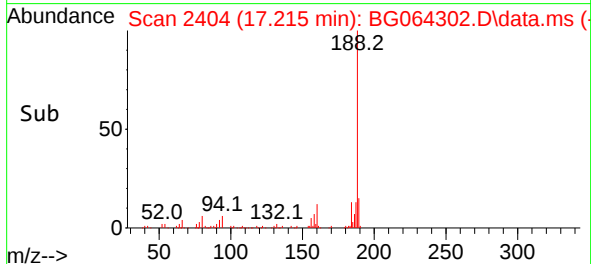
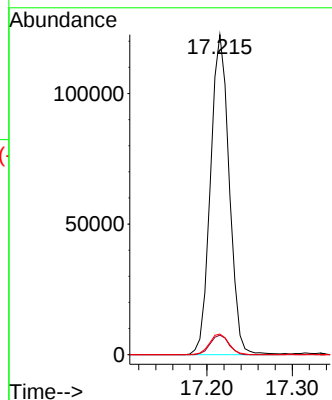
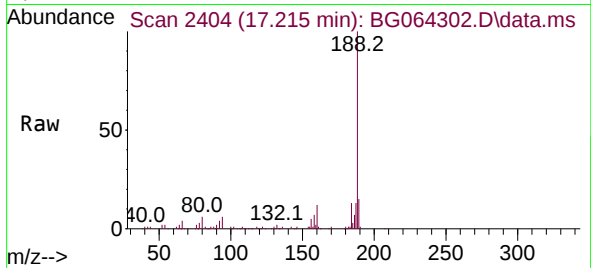




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2405
Delta R.T. -0.009 min
Lab File: BG064302.D
Acq: 8 Sep 2025 11:12

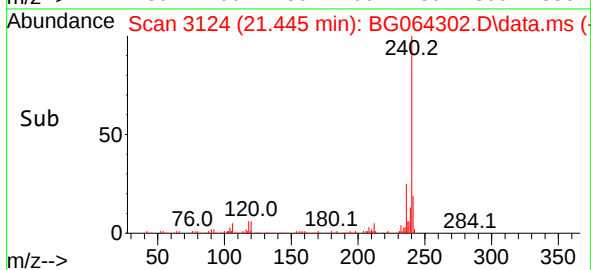
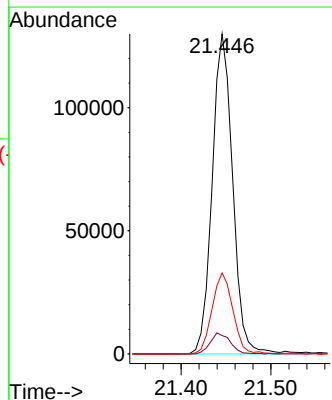
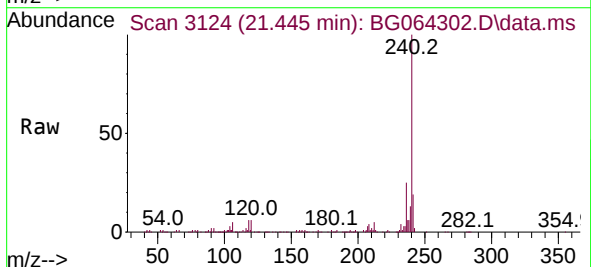
Instrument :
BNA_G
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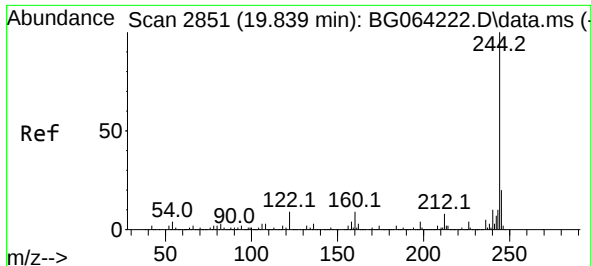
Tgt Ion:188 Resp: 186655
Ion Ratio Lower Upper
188 100
94 6.1 6.2 9.4#
80 6.4 6.8 10.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.445 min Scan# 3124
Delta R.T. -0.009 min
Lab File: BG064302.D
Acq: 8 Sep 2025 11:12

Tgt Ion:240 Resp: 205964
Ion Ratio Lower Upper
240 100
120 5.8 6.2 9.4#
236 25.3 20.5 30.7

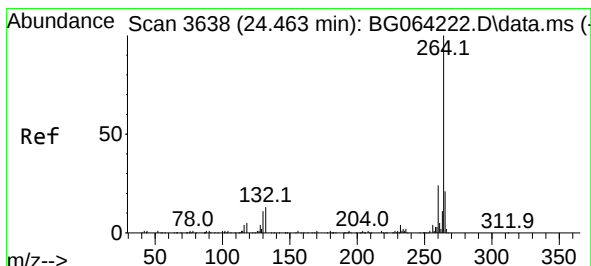
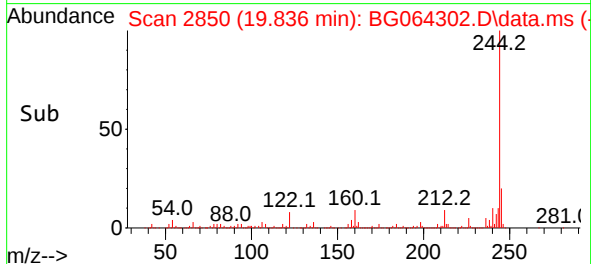
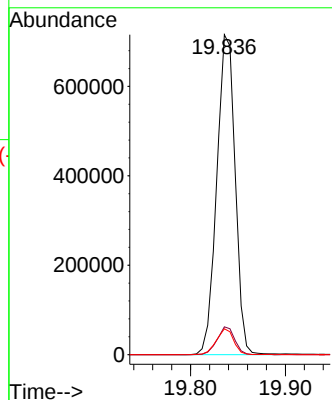
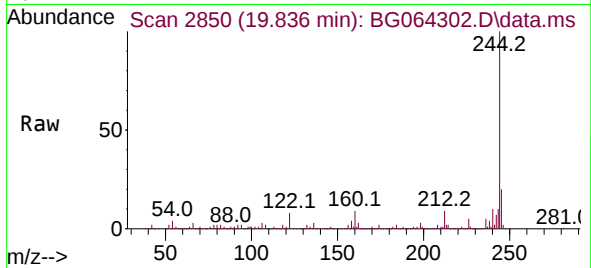




#79
 Terphenyl-d14
 Concen: 97.833 ng
 RT: 19.836 min Scan# 2851
 Delta R.T. -0.009 min
 Lab File: BG064302.D
 Acq: 8 Sep 2025 11:12

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 BNA_G
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Tgt Ion:244 Resp: 965803
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.6 10.0
 122 8.1 7.0 10.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.454 min Scan# 3636
 Delta R.T. -0.009 min
 Lab File: BG064302.D
 Acq: 8 Sep 2025 11:12

Tgt Ion:264 Resp: 225743
 Ion Ratio Lower Upper
 264 100
 260 21.5 18.9 28.3
 265 20.1 16.7 25.1

