

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
 Data File : BG064421.D
 Acq On : 22 Sep 2025 18:59
 Operator : RC/JU
 Sample : PB169754TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB169754TB

Quant Time: Sep 23 01:51:37 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	7.838	152	17631	20.000	ng	-0.02
21) Naphthalene-d8	10.628	136	68244	20.000	ng	#-0.02
39) Acenaphthene-d10	14.465	164	51178	20.000	ng	-0.02
64) Phenanthrene-d10	17.203	188	135776	20.000	ng	#-0.02
76) Chrysene-d12	21.433	240	156064	20.000	ng	#-0.02
86) Perylene-d12	24.430	264	171396	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	168183	171.140	ng	0.00
7) Phenol-d6	7.015	99	192749	142.767	ng	-0.02
23) Nitrobenzene-d5	8.989	82	132892	108.602	ng	-0.03
42) 2,4,6-Tribromophenol	15.957	330	140266	206.920	ng	-0.02
45) 2-Fluorobiphenyl	13.090	172	357045	106.486	ng	-0.02
79) Terphenyl-d14	19.829	244	854443	114.227	ng	-0.02

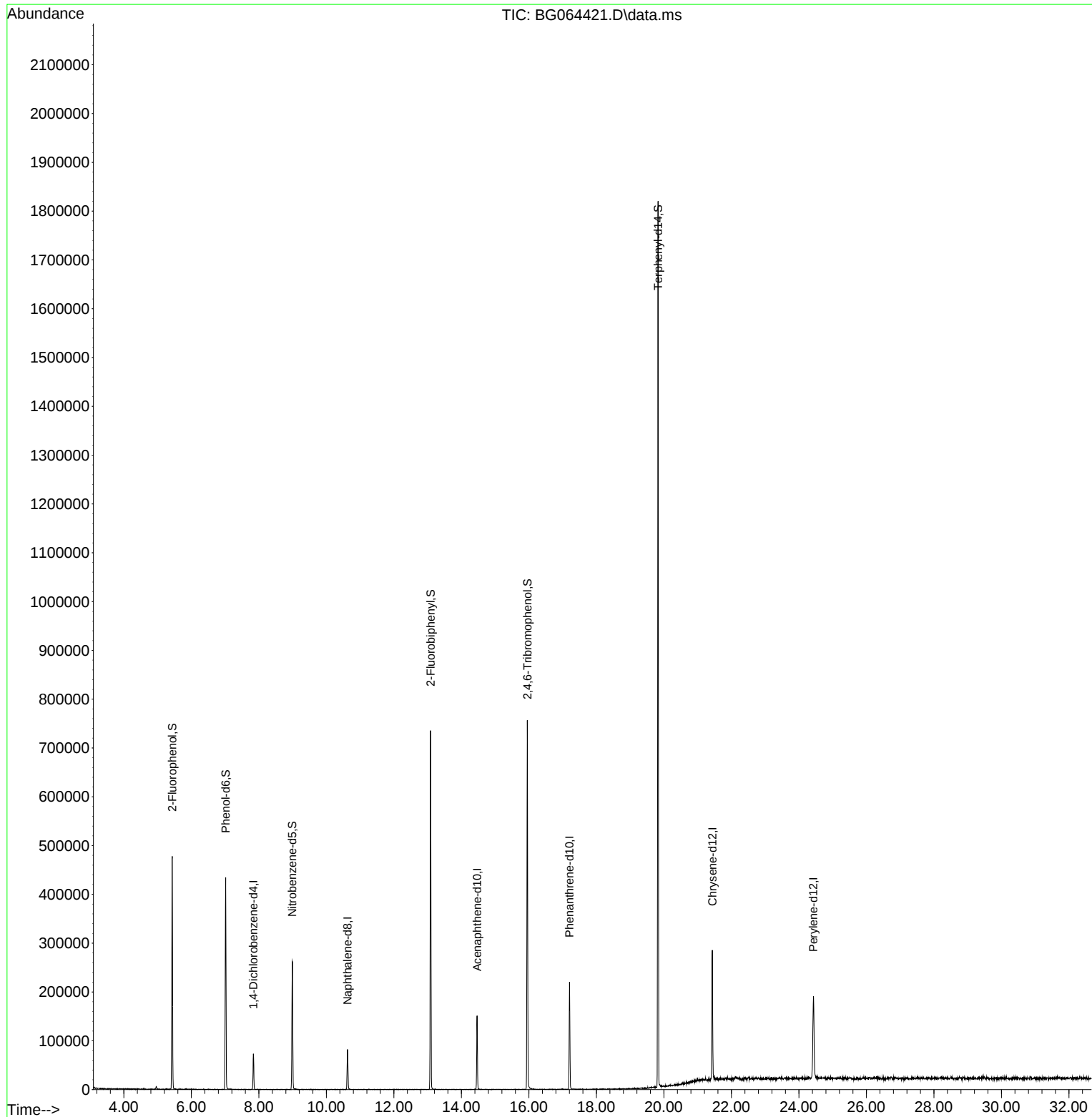
Target Compounds	Qvalue

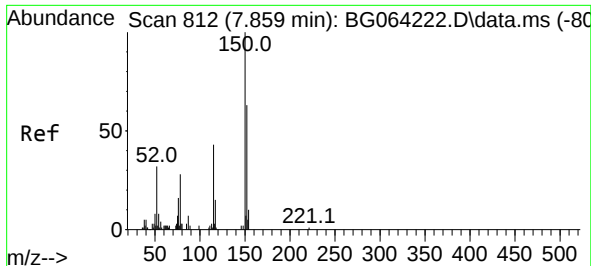
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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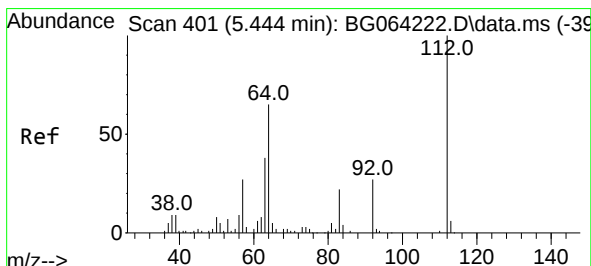
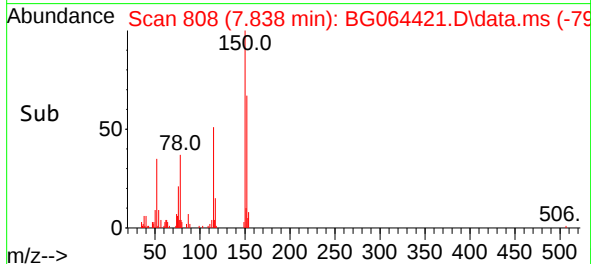
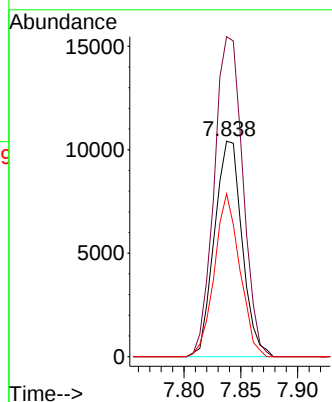
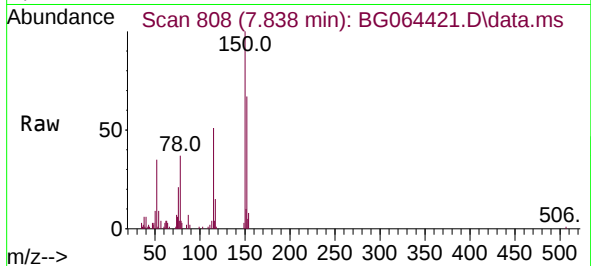




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.838 min Scan# 808
Delta R.T. -0.021 min
Lab File: BG064421.D
Acq: 22 Sep 2025 18:59

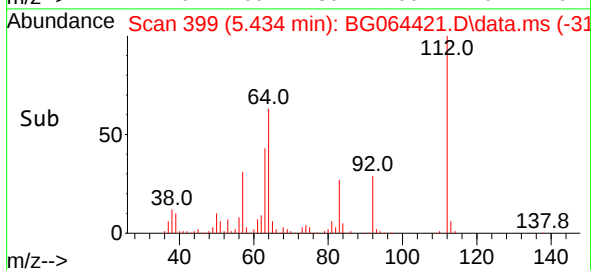
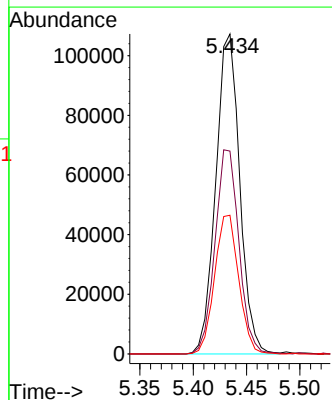
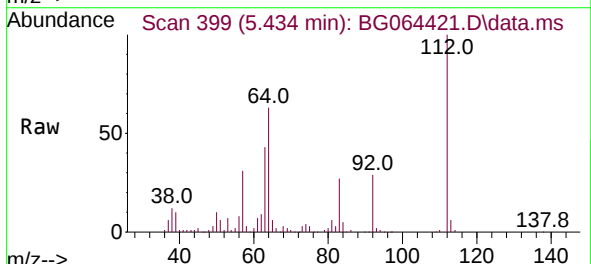
Instrument :
BNA_G
ClientSampleId :
PB169754TB

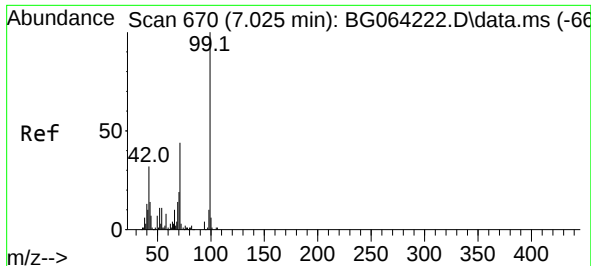
Tgt Ion:152 Resp: 17631
Ion Ratio Lower Upper
152 100
150 148.5 128.0 192.0
115 75.6 55.7 83.5



#5
2-Fluorophenol
Concen: 171.140 ng
RT: 5.434 min Scan# 399
Delta R.T. -0.010 min
Lab File: BG064421.D
Acq: 22 Sep 2025 18:59

Tgt Ion:112 Resp: 168183
Ion Ratio Lower Upper
112 100
64 63.4 51.8 77.6
63 43.3 30.6 45.8

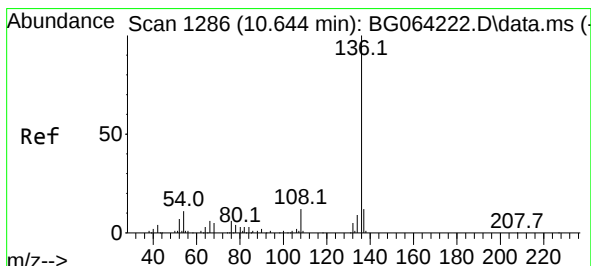
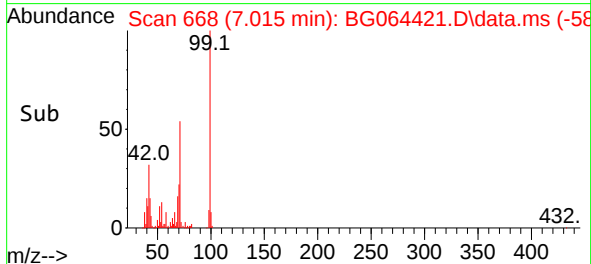
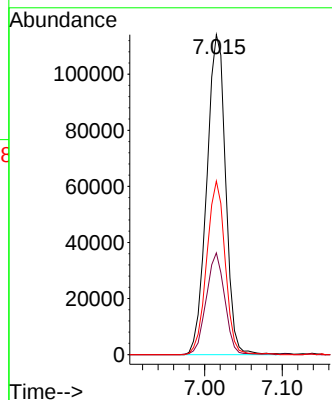
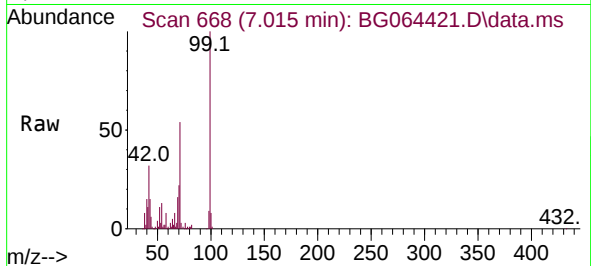




#7
Phenol-d6
Concen: 142.767 ng
RT: 7.015 min Scan# 60
Delta R.T. -0.016 min
Lab File: BG064421.D
Acq: 22 Sep 2025 18:59

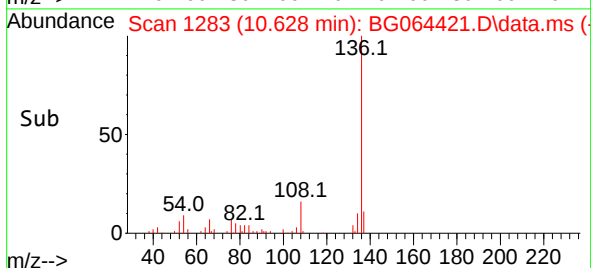
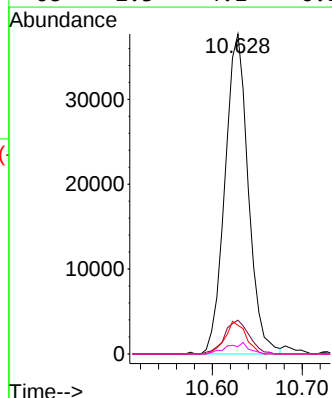
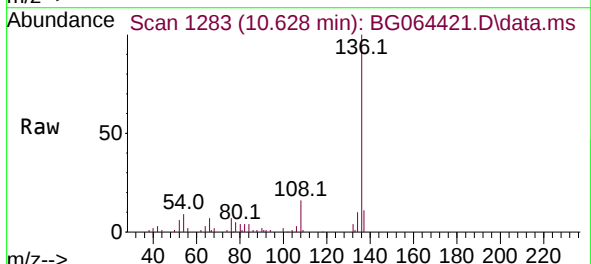
Instrument :
BNA_G
ClientSampleId :
PB169754TB

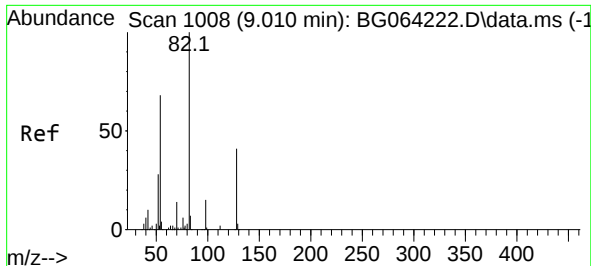
Tgt Ion: 99 Resp: 192749
Ion Ratio Lower Upper
99 100
42 31.8 25.8 38.8
71 54.2 35.2 52.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.628 min Scan# 1283
Delta R.T. -0.022 min
Lab File: BG064421.D
Acq: 22 Sep 2025 18:59

Tgt Ion:136 Resp: 68244
Ion Ratio Lower Upper
136 100
137 10.5 9.6 14.4
54 8.9 8.8 13.2
68 2.3 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 108.602 ng

RT: 8.989 min Scan# 1004

Delta R.T. -0.028 min

Lab File: BG064421.D

Acq: 22 Sep 2025 18:59

Instrument :

BNA_G

ClientSampleId :

PB169754TB

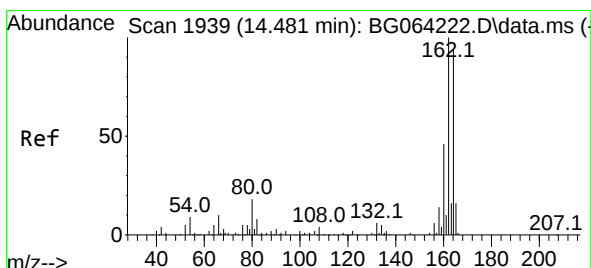
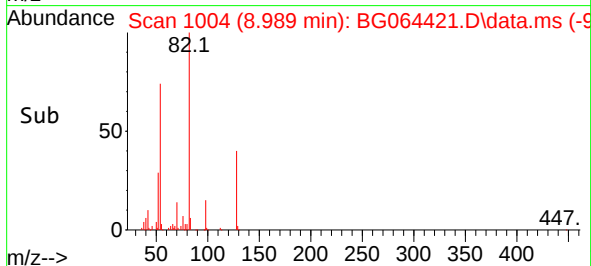
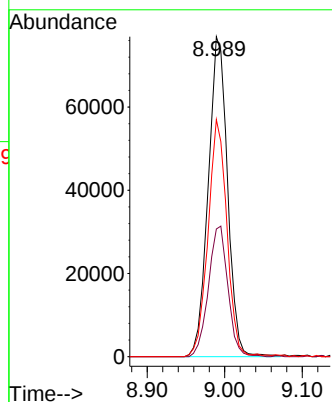
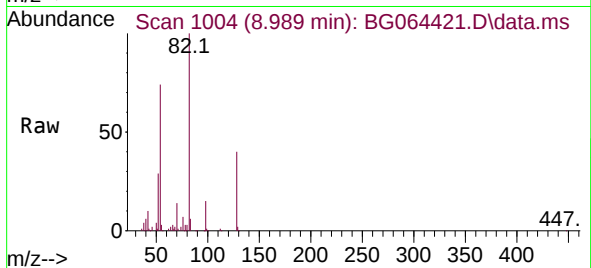
Tgt Ion: 82 Resp: 132892

Ion Ratio Lower Upper

82 100

128 39.9 32.6 48.8

54 74.1 54.7 82.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.465 min Scan# 1936

Delta R.T. -0.016 min

Lab File: BG064421.D

Acq: 22 Sep 2025 18:59

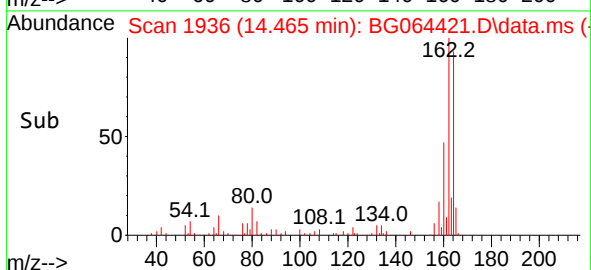
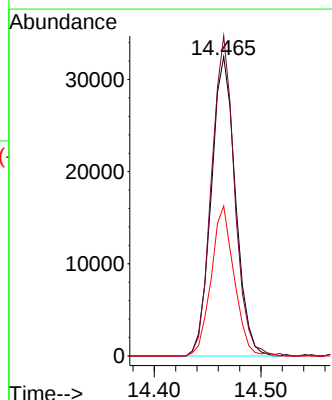
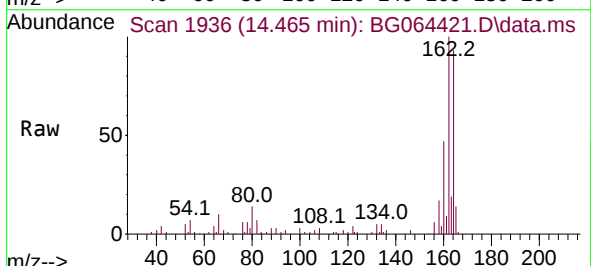
Tgt Ion:164 Resp: 51178

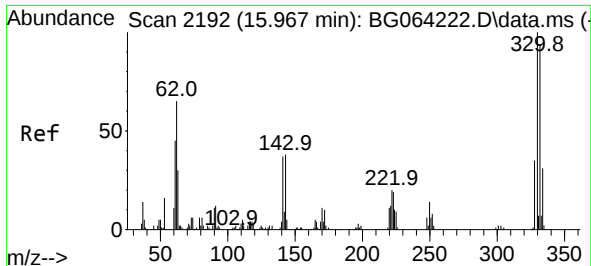
Ion Ratio Lower Upper

164 100

162 107.0 85.4 128.0

160 50.1 39.2 58.8

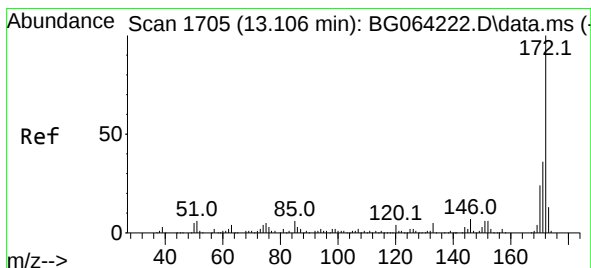
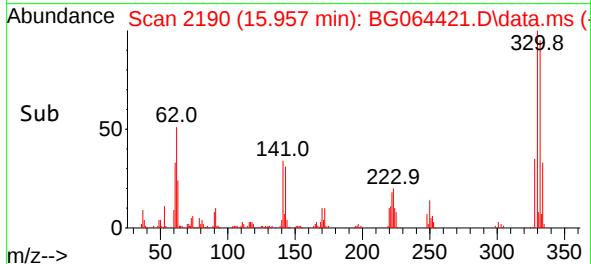
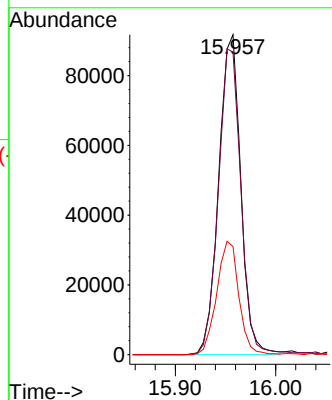
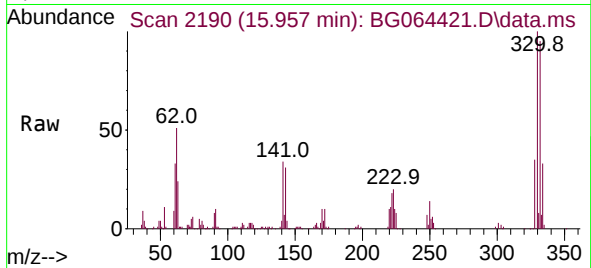




#42
2,4,6-Tribromophenol
Concen: 206.920 ng
RT: 15.957 min Scan# 21
Delta R.T. -0.016 min
Lab File: BG064421.D
Acq: 22 Sep 2025 18:59

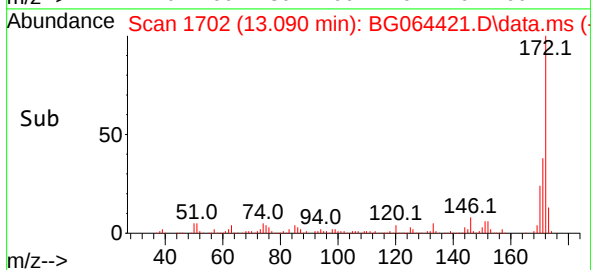
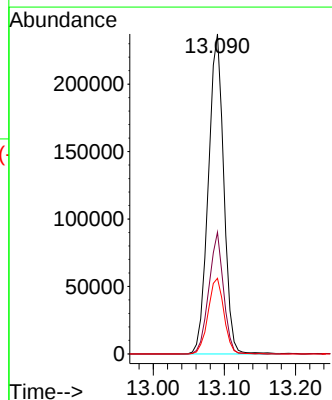
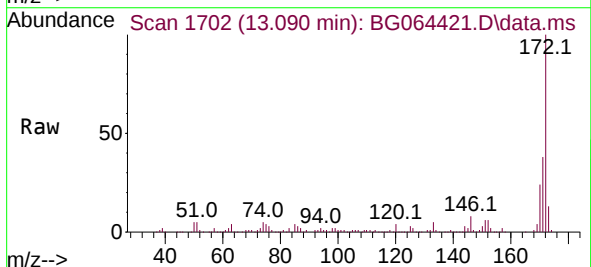
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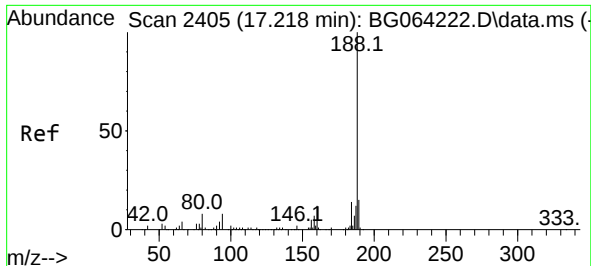
Tgt Ion:330 Resp: 140266
Ion Ratio Lower Upper
330 100
332 97.6 77.6 116.4
141 35.5 29.8 44.6



#45
2-Fluorobiphenyl
Concen: 106.486 ng
RT: 13.090 min Scan# 1702
Delta R.T. -0.022 min
Lab File: BG064421.D
Acq: 22 Sep 2025 18:59

Tgt Ion:172 Resp: 357045
Ion Ratio Lower Upper
172 100
171 38.0 28.7 43.1
170 23.6 19.0 28.6

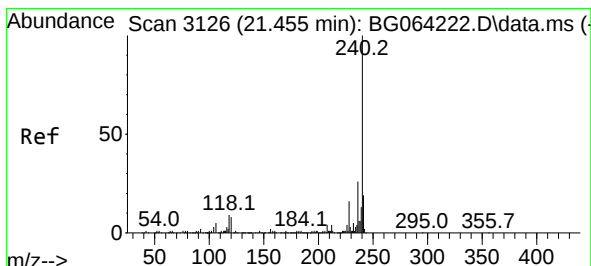
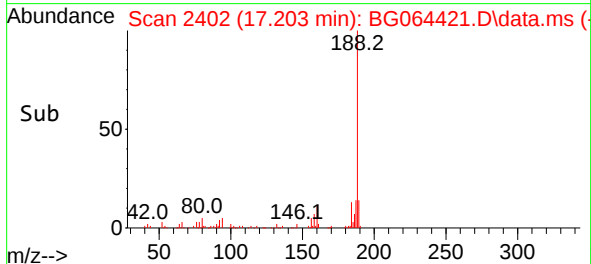
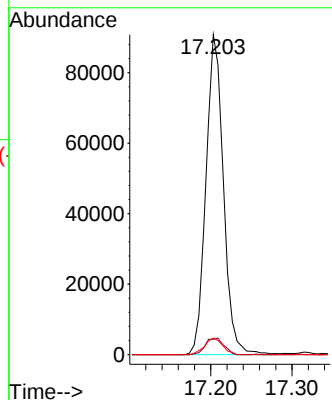
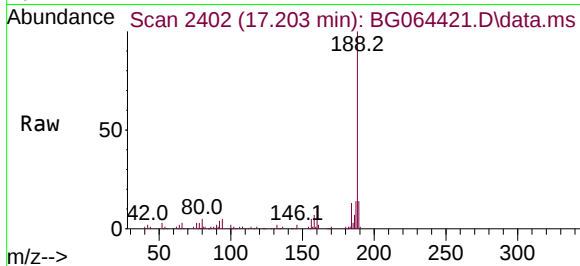




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.203 min Scan# 2405
Delta R.T. -0.022 min
Lab File: BG064421.D
Acq: 22 Sep 2025 18:59

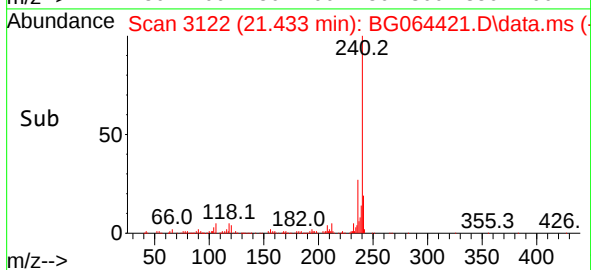
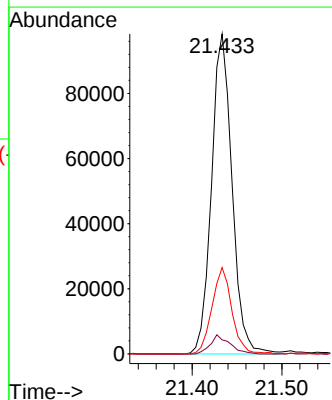
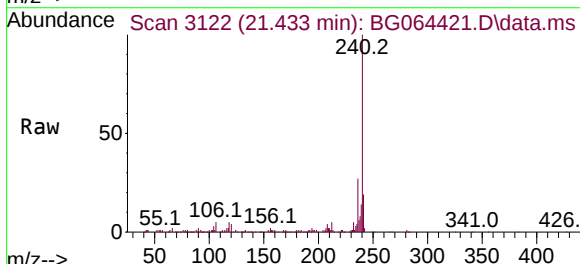
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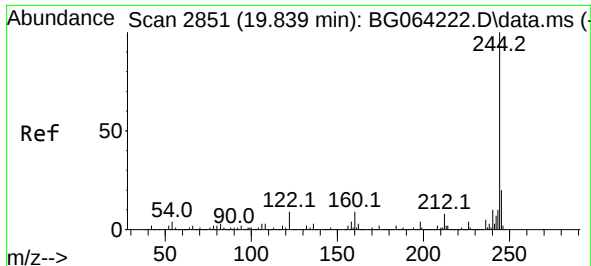
Tgt Ion:188 Resp: 135776
Ion Ratio Lower Upper
188 100
94 4.8 6.2 9.4#
80 5.2 6.8 10.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 3122
Delta R.T. -0.022 min
Lab File: BG064421.D
Acq: 22 Sep 2025 18:59

Tgt Ion:240 Resp: 156064
Ion Ratio Lower Upper
240 100
120 4.4 6.2 9.4#
236 27.0 20.5 30.7

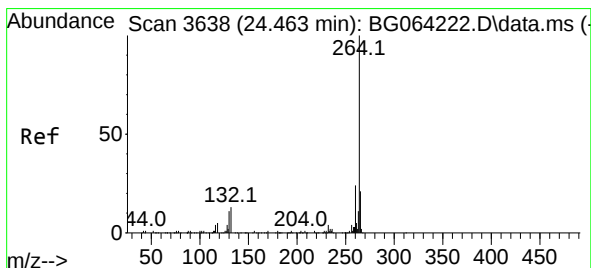
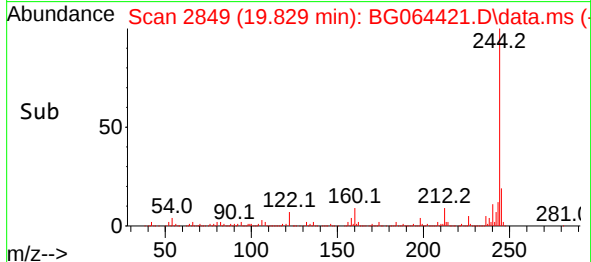
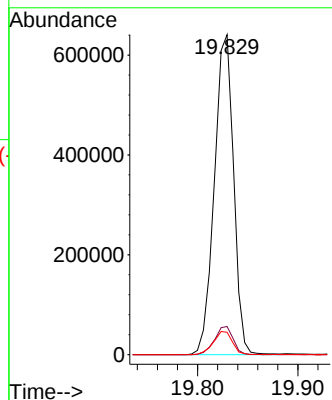
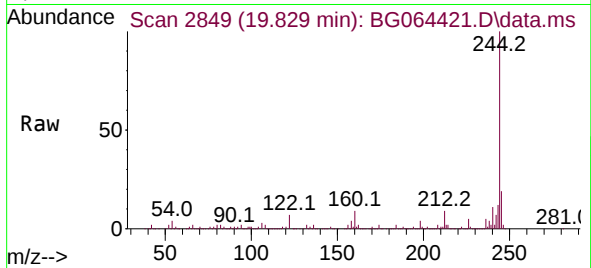




#79
 Terphenyl-d14
 Concen: 114.227 ng
 RT: 19.829 min Scan# 2849
 Delta R.T. -0.016 min
 Lab File: BG064421.D
 Acq: 22 Sep 2025 18:59

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 854443
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.6 10.0
 122 7.0 7.0 10.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.430 min Scan# 3632
 Delta R.T. -0.033 min
 Lab File: BG064421.D
 Acq: 22 Sep 2025 18:59

Tgt Ion:264 Resp: 171396
 Ion Ratio Lower Upper
 264 100
 260 25.2 18.9 28.3
 265 21.6 16.7 25.1

