

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092325\
 Data File : BG064436.D
 Acq On : 23 Sep 2025 12:13
 Operator : RC/JU
 Sample : PB169754TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB169754TB

Quant Time: Sep 23 12:54:09 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	7.834	152	18965	20.000	ng	-0.02
21) Naphthalene-d8	10.625	136	80037	20.000	ng	#-0.02
39) Acenaphthene-d10	14.462	164	62330	20.000	ng	-0.02
64) Phenanthrene-d10	17.206	188	152982	20.000	ng	#-0.02
76) Chrysene-d12	21.430	240	169864	20.000	ng	#-0.02
86) Perylene-d12	24.432	264	188556	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.425	112	164509	155.626	ng	-0.02
7) Phenol-d6	7.012	99	221820	152.743	ng	-0.02
23) Nitrobenzene-d5	8.986	82	152349	106.158	ng	-0.03
42) 2,4,6-Tribromophenol	15.954	330	164921	199.762	ng	-0.02
45) 2-Fluorobiphenyl	13.087	172	421169	103.137	ng	-0.02
79) Terphenyl-d14	19.826	244	917748	112.722	ng	-0.02

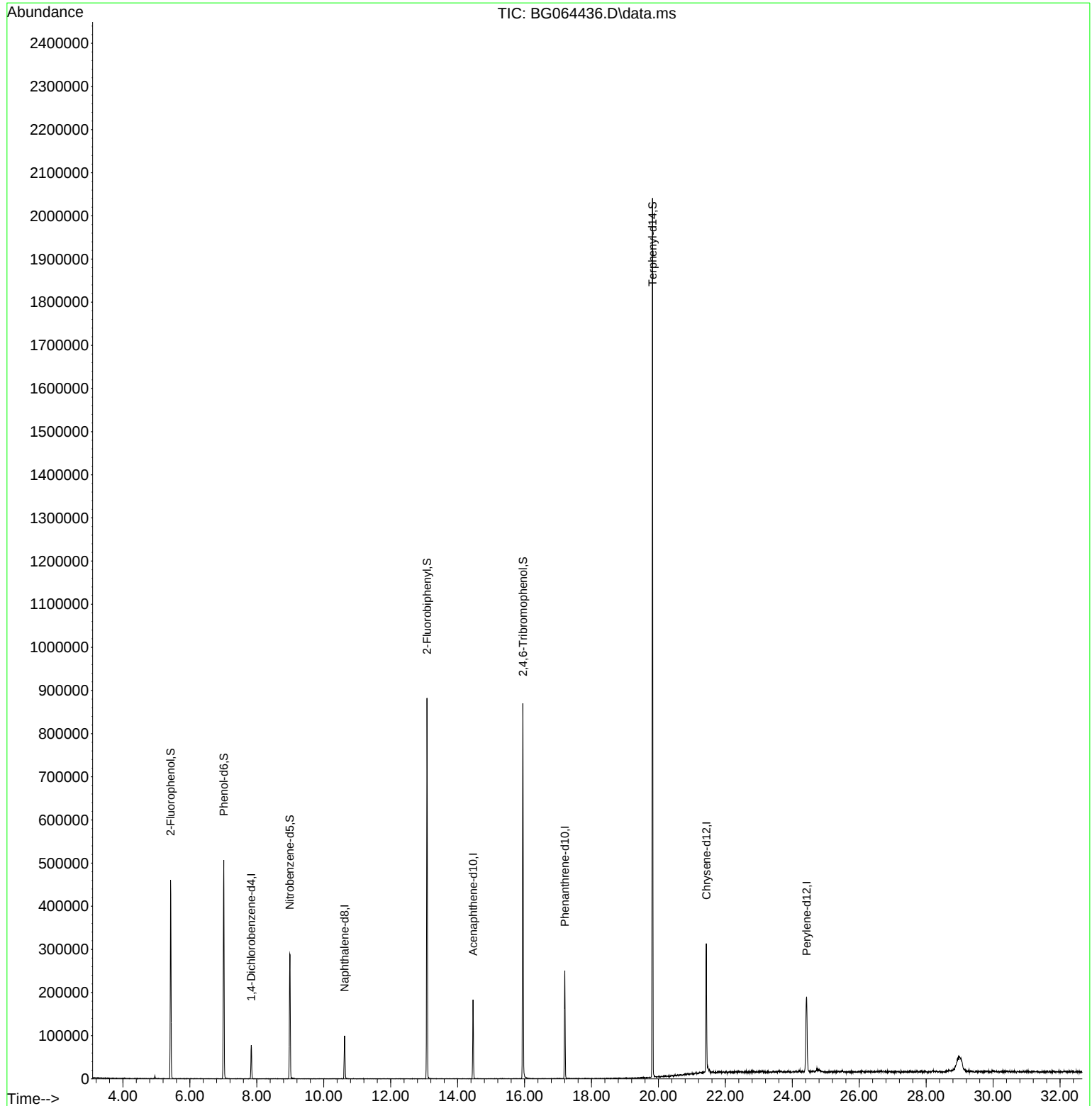
Target Compounds	Qvalue

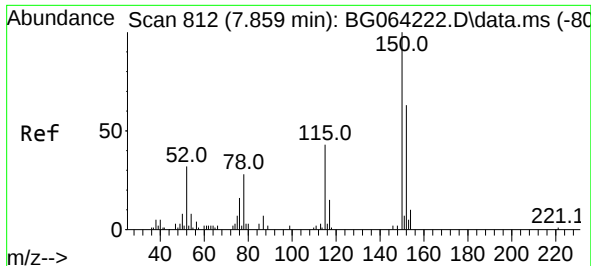
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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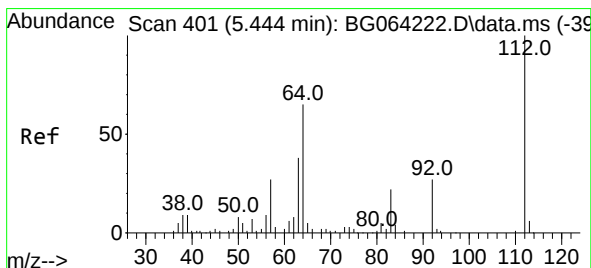
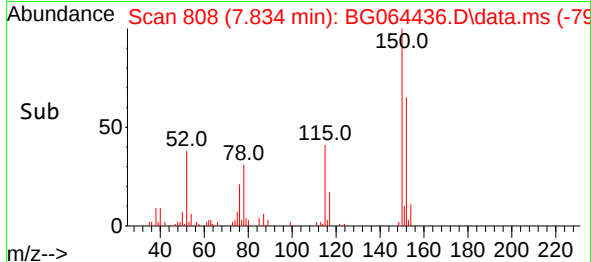
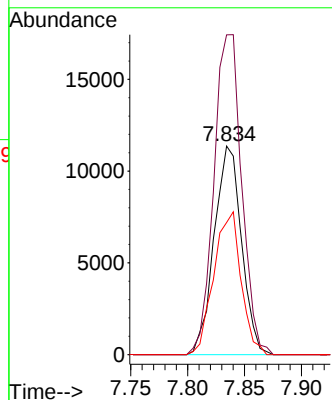
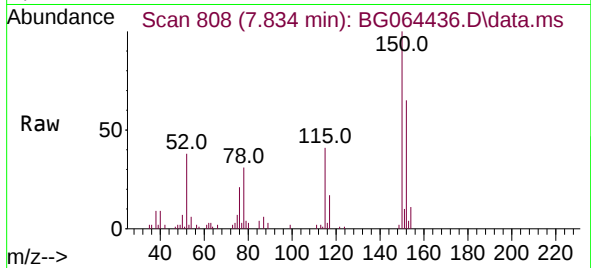




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.834 min Scan# 808
Delta R.T. -0.025 min
Lab File: BG064436.D
Acq: 23 Sep 2025 12:13

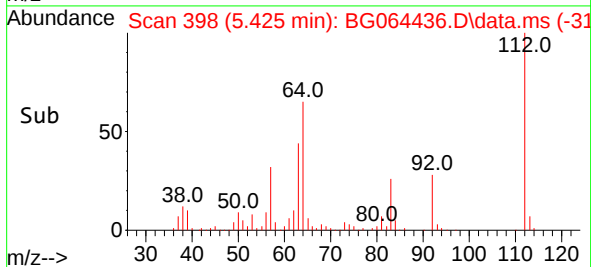
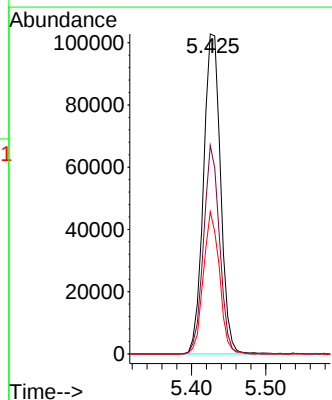
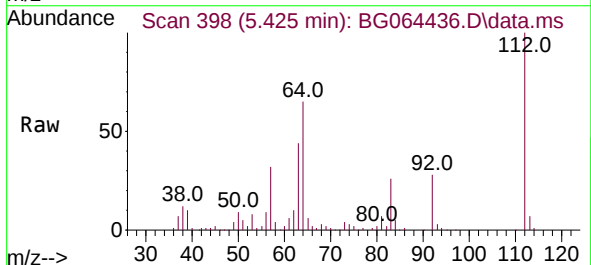
Instrument :
BNA_G
ClientSampleId :
PB169754TB

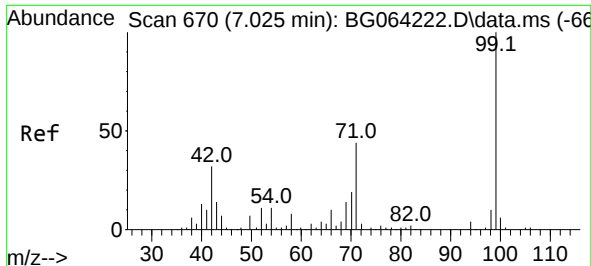
Tgt Ion:152 Resp: 18965
Ion Ratio Lower Upper
152 100
150 153.3 128.0 192.0
115 63.3 55.7 83.5



#5
2-Fluorophenol
Concen: 155.626 ng
RT: 5.425 min Scan# 398
Delta R.T. -0.019 min
Lab File: BG064436.D
Acq: 23 Sep 2025 12:13

Tgt Ion:112 Resp: 164509
Ion Ratio Lower Upper
112 100
64 65.1 51.8 77.6
63 44.4 30.6 45.8

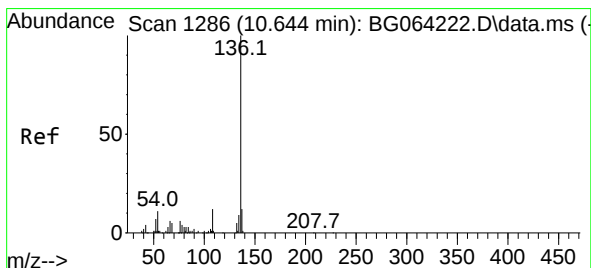
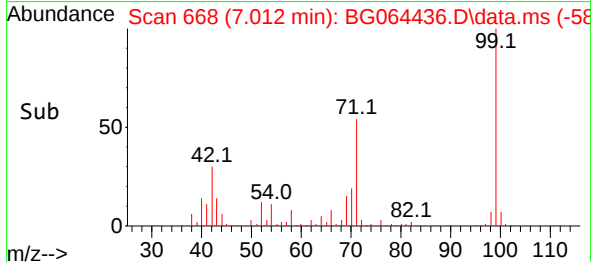
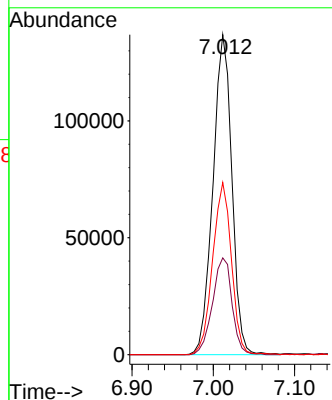
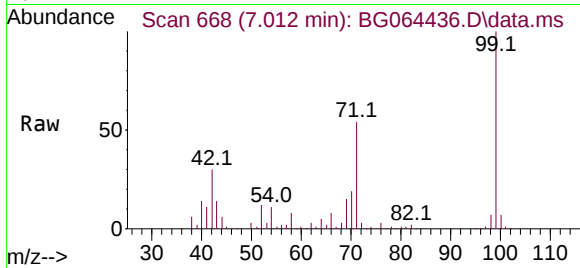




#7
Phenol-d6
Concen: 152.743 ng
RT: 7.012 min Scan# 60
Delta R.T. -0.019 min
Lab File: BG064436.D
Acq: 23 Sep 2025 12:13

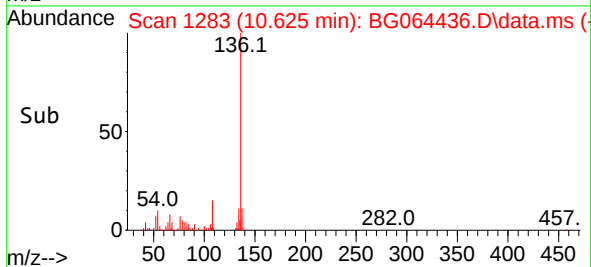
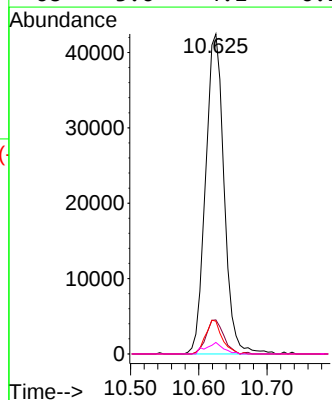
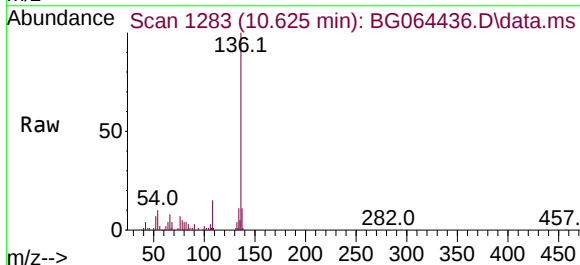
Instrument :
BNA_G
ClientSampleId :
PB169754TB

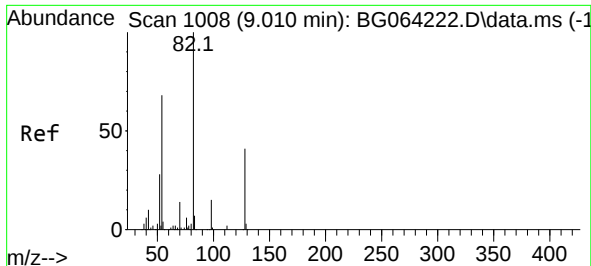
Tgt Ion: 99 Resp: 221820
Ion Ratio Lower Upper
99 100
42 30.2 25.8 38.8
71 53.8 35.2 52.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.625 min Scan# 1283
Delta R.T. -0.025 min
Lab File: BG064436.D
Acq: 23 Sep 2025 12:13

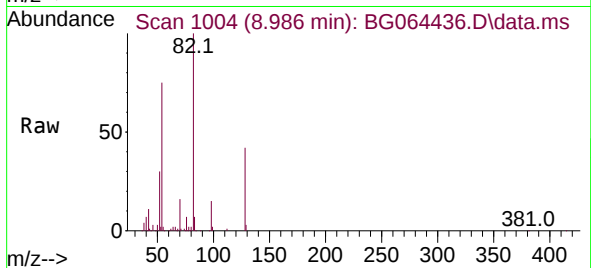
Tgt Ion:136 Resp: 80037
Ion Ratio Lower Upper
136 100
137 10.6 9.6 14.4
54 10.3 8.8 13.2
68 3.6 4.1 6.1#



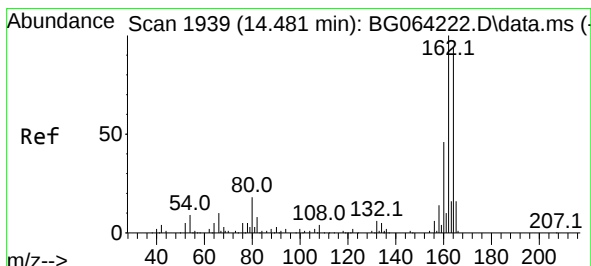
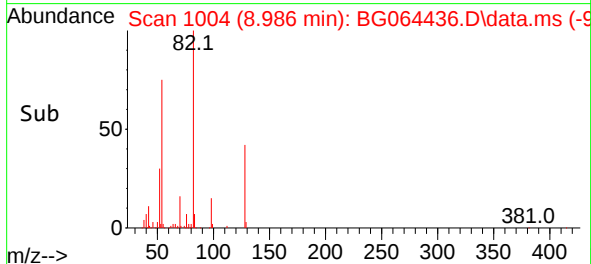
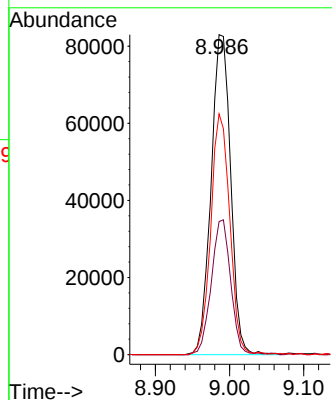


#23
Nitrobenzene-d5
Concen: 106.158 ng
RT: 8.986 min Scan# 1004
Delta R.T. -0.031 min
Lab File: BG064436.D
Acq: 23 Sep 2025 12:13

Instrument :
BNA_G
ClientSampleId :
PB169754TB

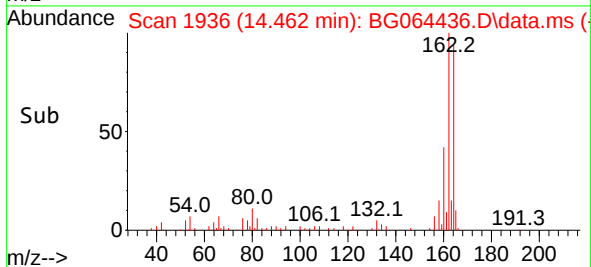
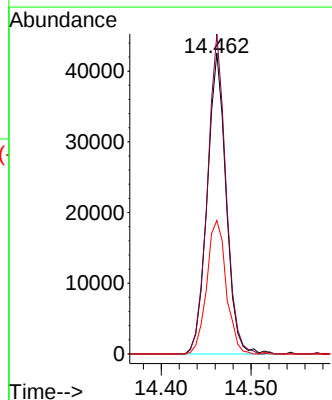
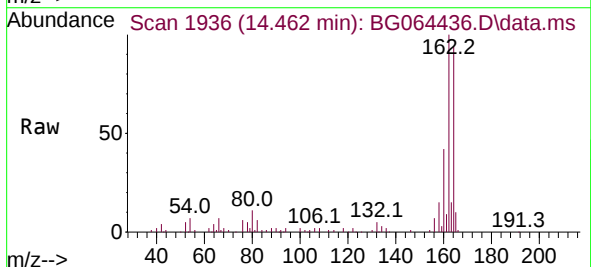


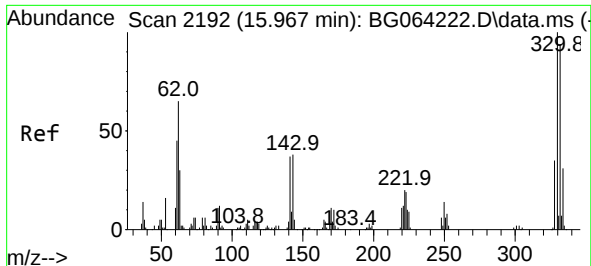
Tgt Ion: 82 Resp: 152349
Ion Ratio Lower Upper
82 100
128 41.6 32.6 48.8
54 75.2 54.7 82.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.462 min Scan# 1936
Delta R.T. -0.019 min
Lab File: BG064436.D
Acq: 23 Sep 2025 12:13

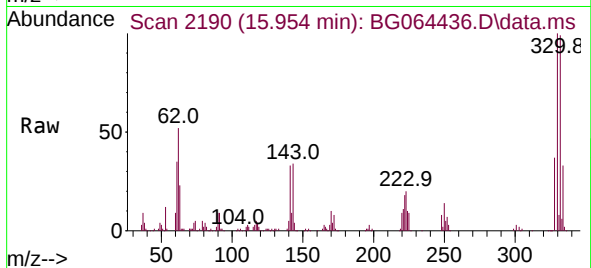
Tgt Ion: 164 Resp: 62330
Ion Ratio Lower Upper
164 100
162 106.4 85.4 128.0
160 44.3 39.2 58.8



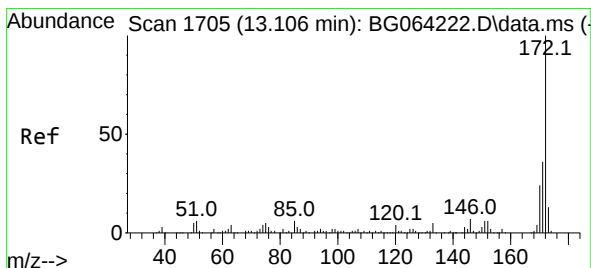
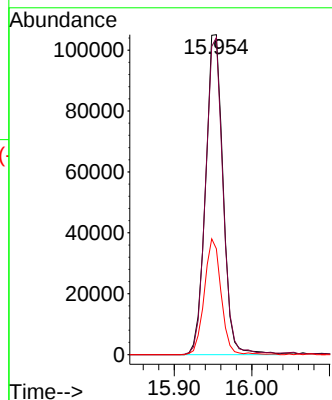
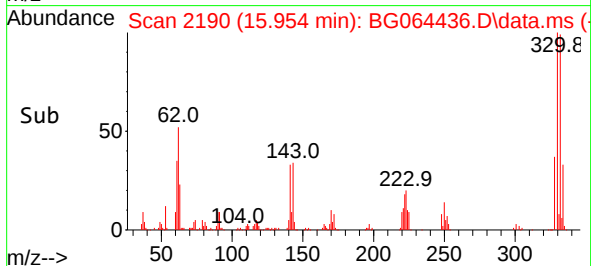


#42
2,4,6-Tribromophenol
Concen: 199.762 ng
RT: 15.954 min Scan# 2190
Delta R.T. -0.019 min
Lab File: BG064436.D
Acq: 23 Sep 2025 12:13

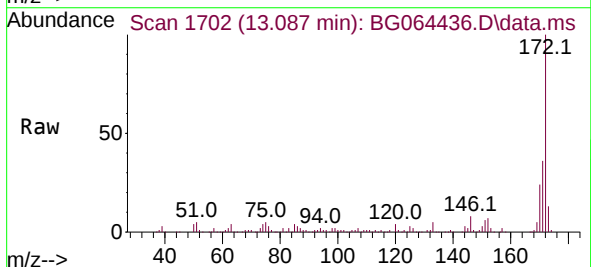
Instrument :
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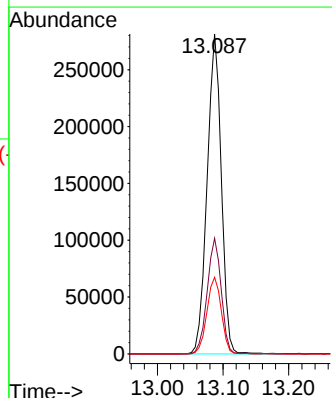
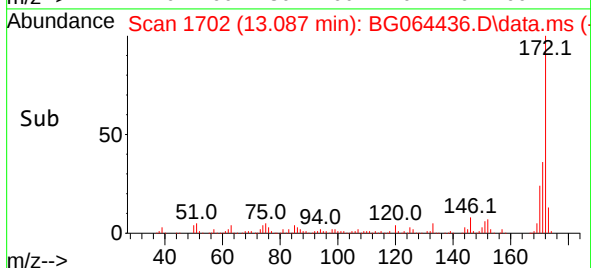
Tgt Ion:330 Resp: 164921
Ion Ratio Lower Upper
330 100
332 98.2 77.6 116.4
141 34.6 29.8 44.6

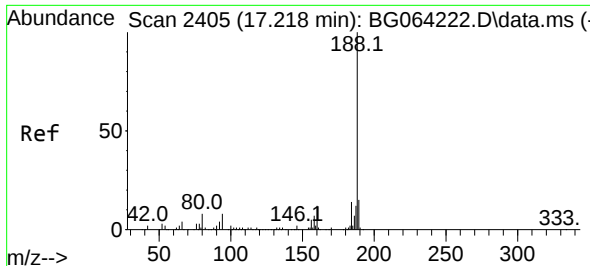


#45
2-Fluorobiphenyl
Concen: 103.137 ng
RT: 13.087 min Scan# 1702
Delta R.T. -0.025 min
Lab File: BG064436.D
Acq: 23 Sep 2025 12:13



Tgt Ion:172 Resp: 421169
Ion Ratio Lower Upper
172 100
171 36.1 28.7 43.1
170 23.9 19.0 28.6

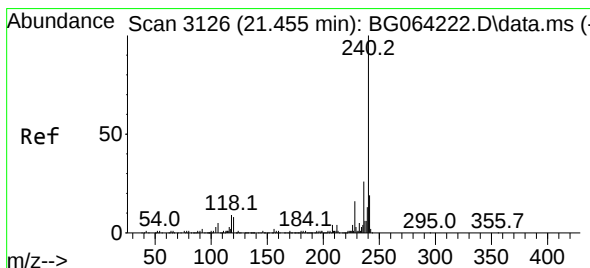
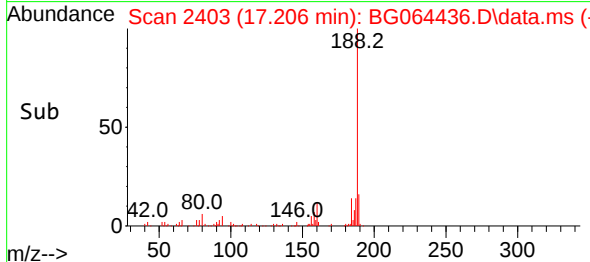
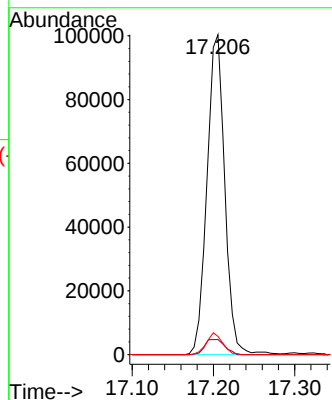
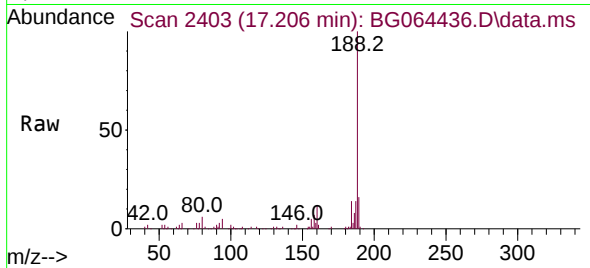




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2405
Delta R.T. -0.019 min
Lab File: BG064436.D
Acq: 23 Sep 2025 12:13

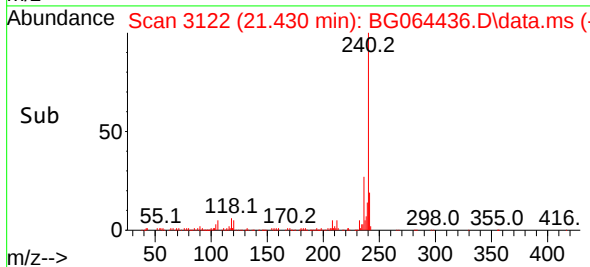
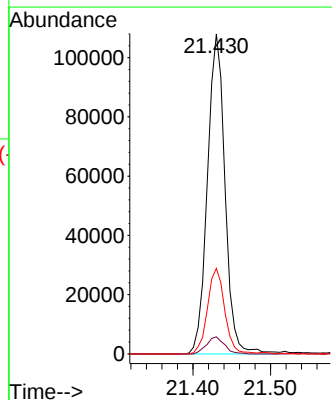
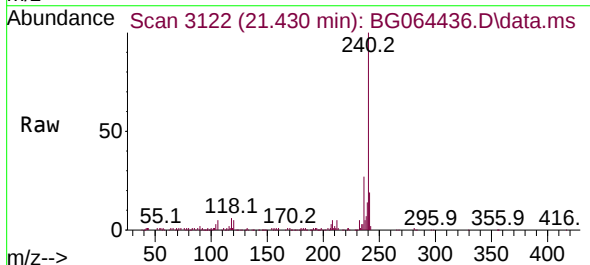
Instrument :
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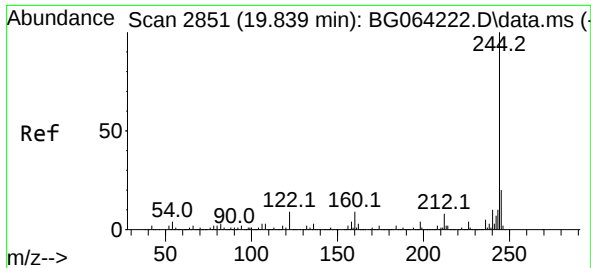
Tgt Ion:188 Resp: 152982
Ion Ratio Lower Upper
188 100
94 4.7 6.2 9.4#
80 5.7 6.8 10.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.430 min Scan# 3122
Delta R.T. -0.025 min
Lab File: BG064436.D
Acq: 23 Sep 2025 12:13

Tgt Ion:240 Resp: 169864
Ion Ratio Lower Upper
240 100
120 5.3 6.2 9.4#
236 26.7 20.5 30.7

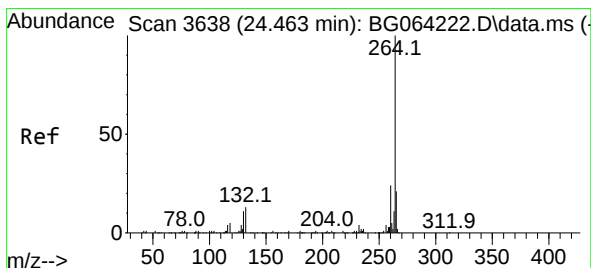
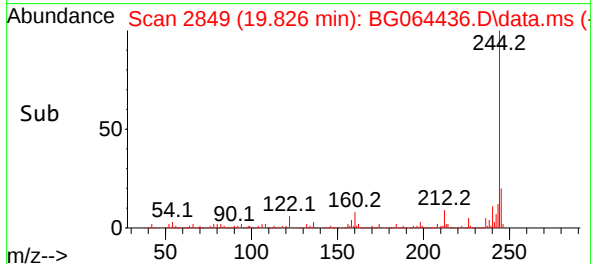
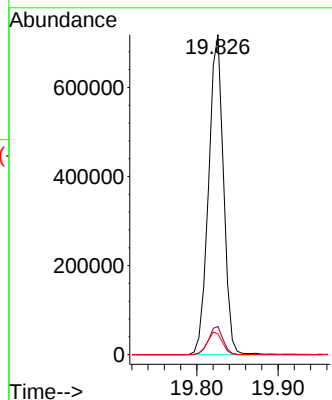
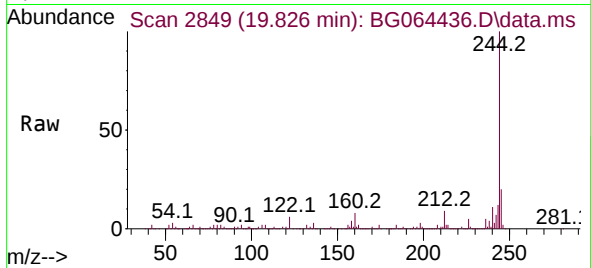




#79
 Terphenyl-d14
 Concen: 112.722 ng
 RT: 19.826 min Scan# 2849
 Delta R.T. -0.019 min
 Lab File: BG064436.D
 Acq: 23 Sep 2025 12:13

Instrument :
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Tgt Ion:244 Resp: 917748
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.6 10.0
 122 6.5 7.0 10.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.432 min Scan# 3633
 Delta R.T. -0.031 min
 Lab File: BG064436.D
 Acq: 23 Sep 2025 12:13

Tgt Ion:264 Resp: 188556
 Ion Ratio Lower Upper
 264 100
 260 20.2 18.9 28.3
 265 20.2 16.7 25.1

