

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102725\
 Data File : BG064584.D
 Acq On : 27 Oct 2025 12:38
 Operator : RC/JU
 Sample : PB170222BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170222BL

Quant Time: Oct 27 13:33:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:40:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.218	152	45325	20.000	ng	0.00
21) Naphthalene-d8	11.044	136	169145	20.000	ng	0.00
39) Acenaphthene-d10	14.839	164	133935	20.000	ng	0.00
64) Phenanthrene-d10	17.577	188	334609	20.000	ng	0.00
76) Chrysene-d12	21.849	240	371267	20.000	ng	-0.01
86) Perylene-d12	25.192	264	392267	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.750	112	437299	161.942	ng	0.00
7) Phenol-d6	7.354	99	582305	157.149	ng	0.00
23) Nitrobenzene-d5	9.381	82	270575	96.080	ng	0.00
42) 2,4,6-Tribromophenol	16.320	330	275526	142.532	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	826204	93.502	ng	0.00
79) Terphenyl-d14	20.168	244	1851252	94.100	ng	0.00

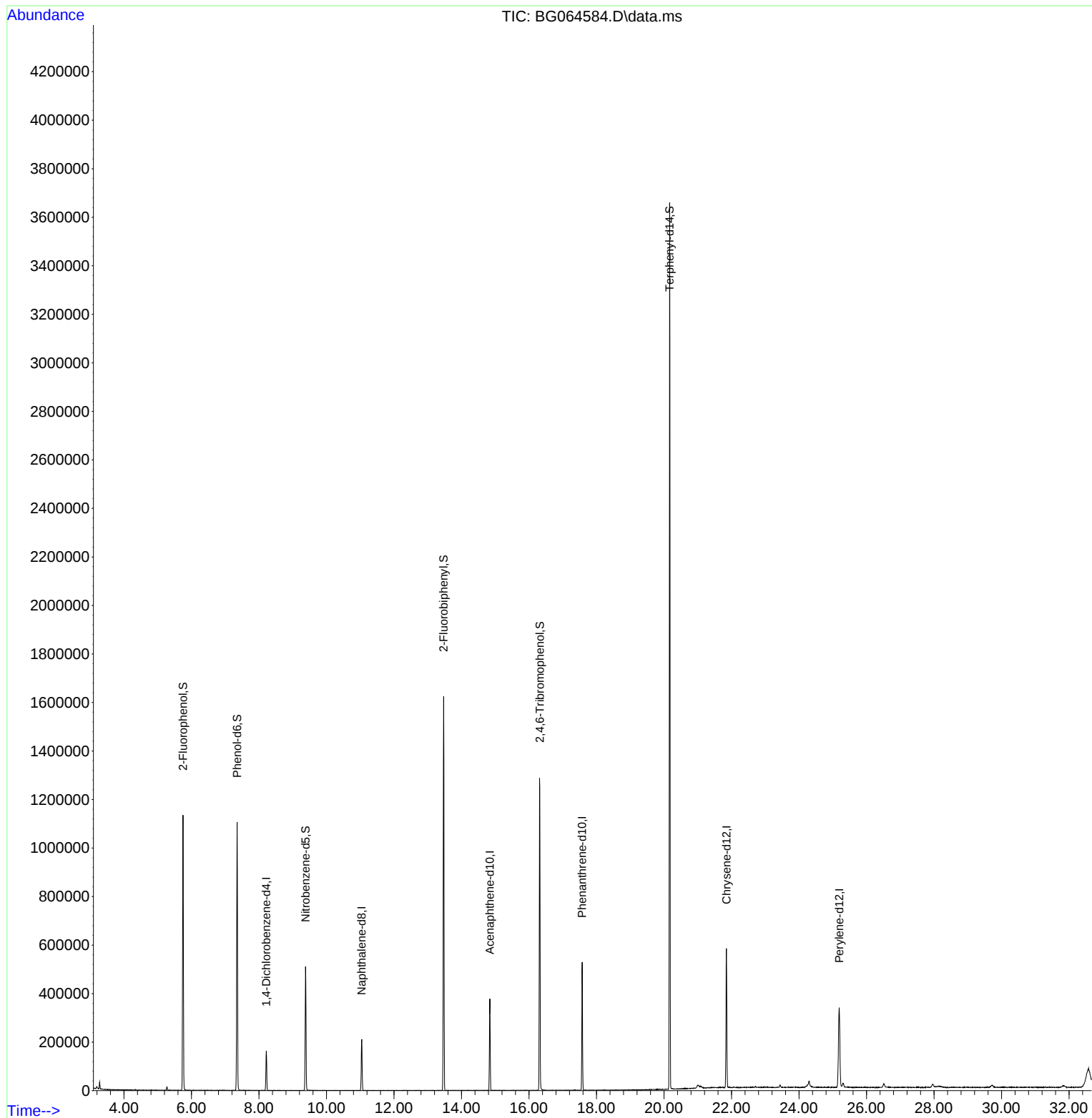
Target Compounds	Qvalue

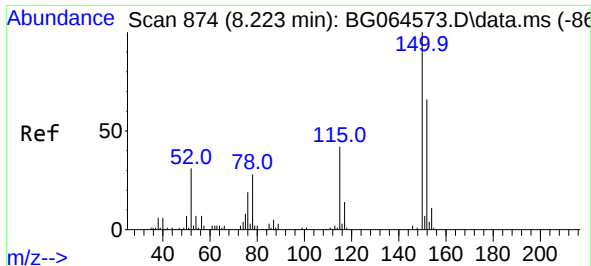
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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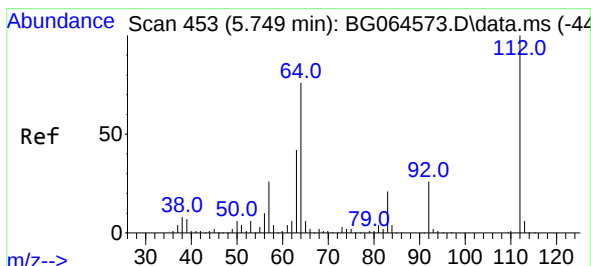
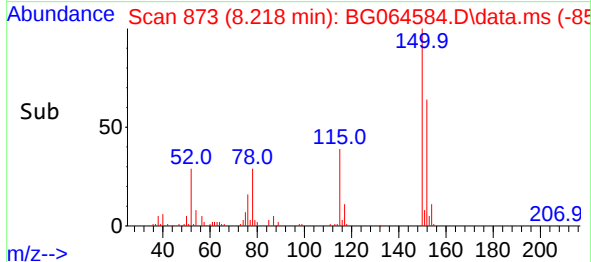
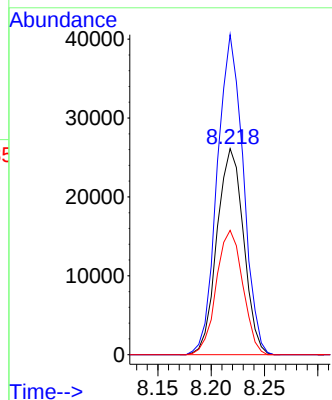
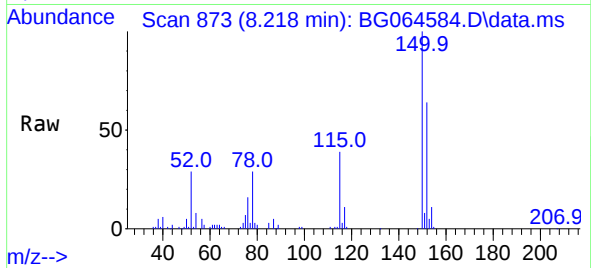




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.218 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG064584.D
Acq: 27 Oct 2025 12:38

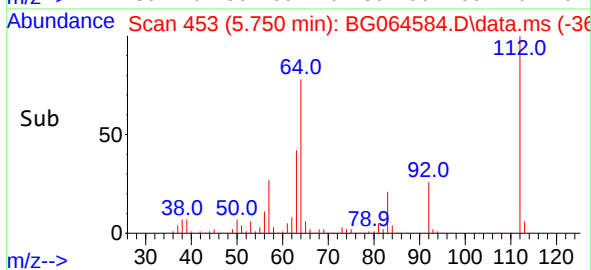
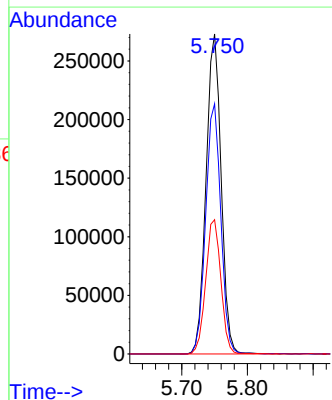
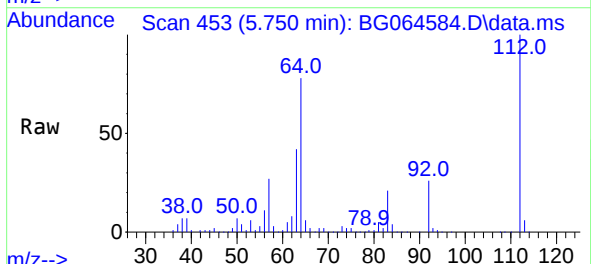
Instrument :
BNA_G
ClientSampleId :
PB170222BL

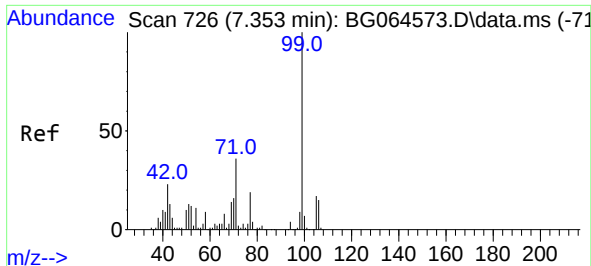
Tgt Ion:152 Resp: 45325
Ion Ratio Lower Upper
152 100
150 155.2 122.2 183.4
115 60.3 50.8 76.2



#5
2-Fluorophenol
Concen: 161.942 ng
RT: 5.750 min Scan# 453
Delta R.T. 0.003 min
Lab File: BG064584.D
Acq: 27 Oct 2025 12:38

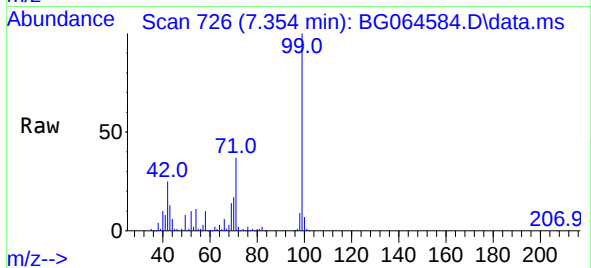
Tgt Ion:112 Resp: 437299
Ion Ratio Lower Upper
112 100
64 78.2 60.7 91.1
63 42.0 33.4 50.0



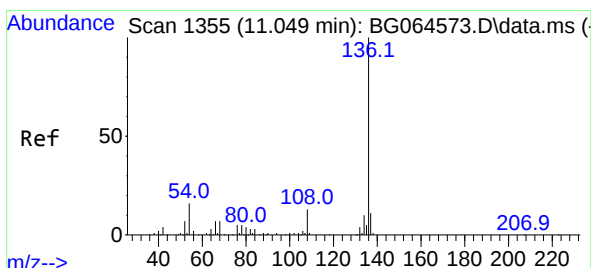
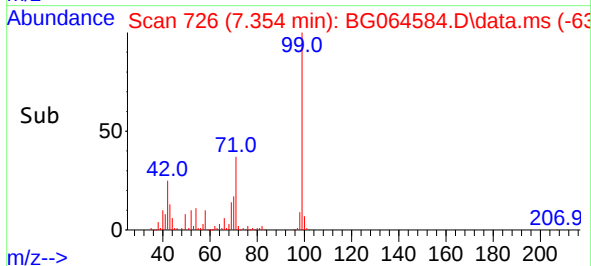
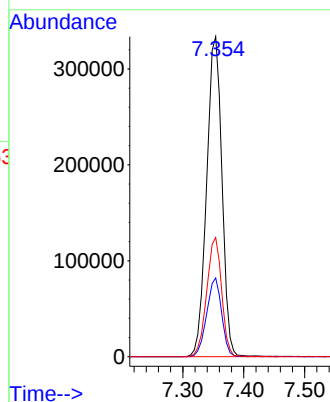


#7
Phenol-d6
Concen: 157.149 ng
RT: 7.354 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG064584.D
Acq: 27 Oct 2025 12:38

Instrument :
BNA_G
ClientSampleId :
PB170222BL

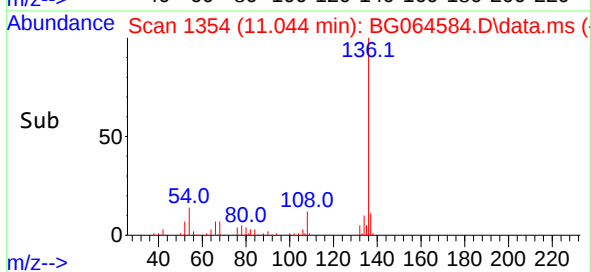
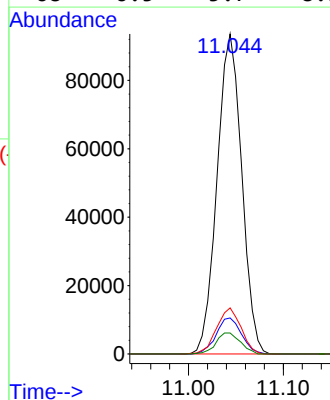
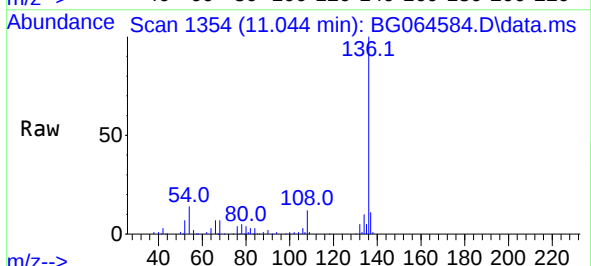


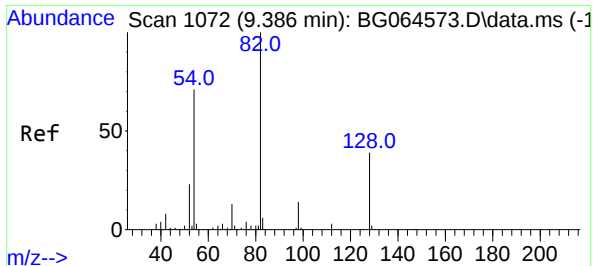
Tgt Ion: 99 Resp: 582305
Ion Ratio Lower Upper
99 100
42 24.6 18.3 27.5
71 37.2 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.044 min Scan# 1354
Delta R.T. -0.009 min
Lab File: BG064584.D
Acq: 27 Oct 2025 12:38

Tgt Ion:136 Resp: 169145
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 14.4 12.6 19.0
68 6.5 5.7 8.5





#23

Nitrobenzene-d5

Concen: 96.080 ng

RT: 9.381 min Scan# 10

Delta R.T. -0.009 min

Lab File: BG064584.D

Acq: 27 Oct 2025 12:38

Instrument :

BNA_G

ClientSampleId :

PB170222BL

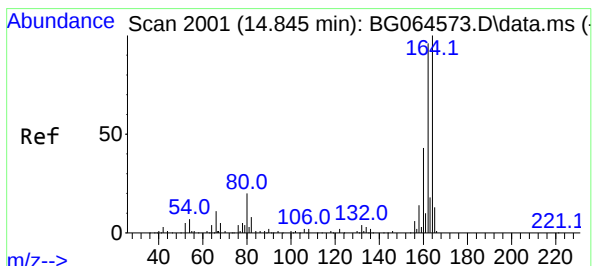
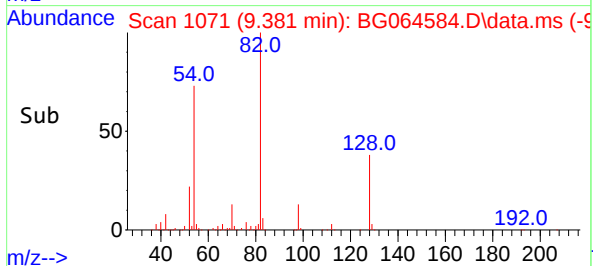
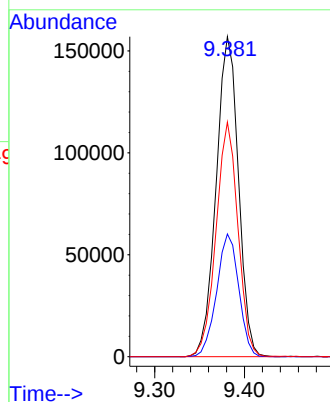
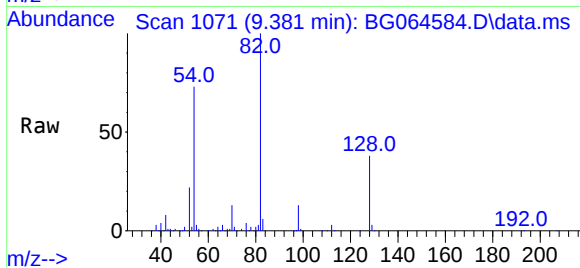
Tgt Ion: 82 Resp: 270575

Ion Ratio Lower Upper

82 100

128 38.3 31.3 46.9

54 73.3 56.6 84.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.839 min Scan# 2000

Delta R.T. -0.003 min

Lab File: BG064584.D

Acq: 27 Oct 2025 12:38

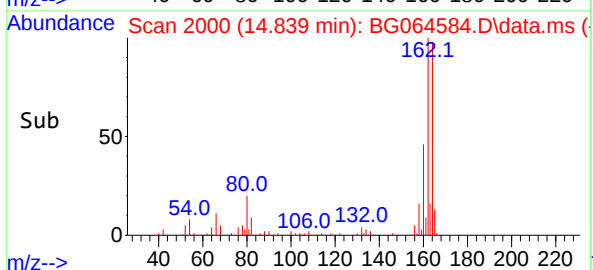
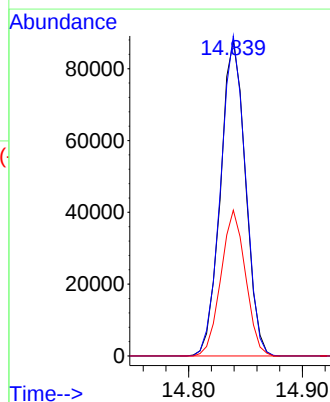
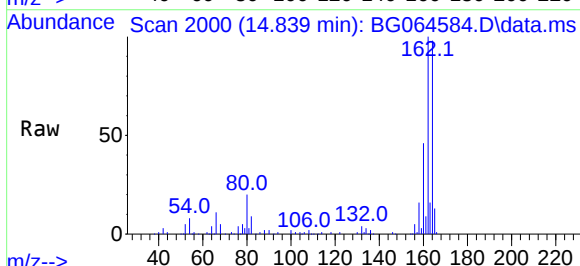
Tgt Ion:164 Resp: 133935

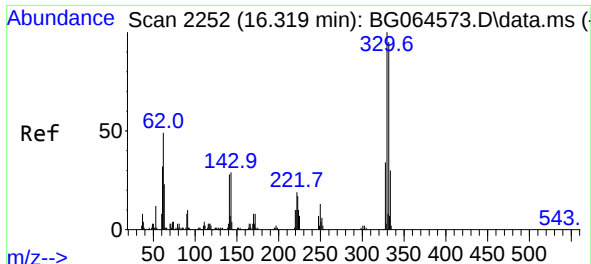
Ion Ratio Lower Upper

164 100

162 101.6 77.0 115.6

160 46.3 34.4 51.6

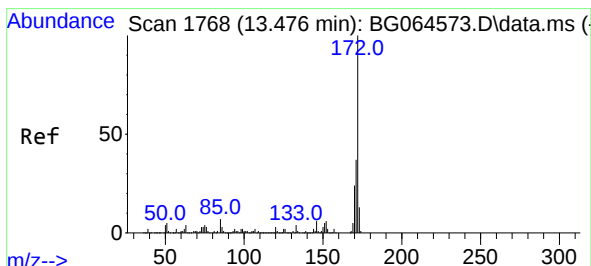
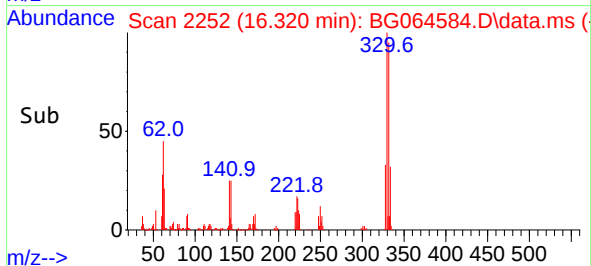
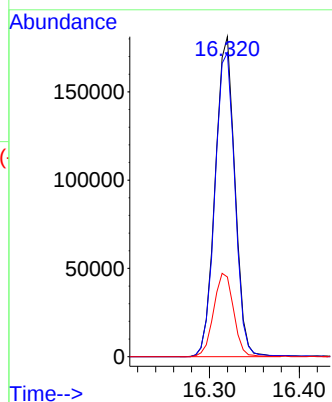
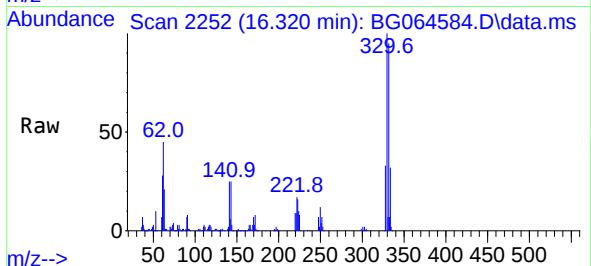




#42
2,4,6-Tribromophenol
Concen: 142.532 ng
RT: 16.320 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064584.D
Acq: 27 Oct 2025 12:38

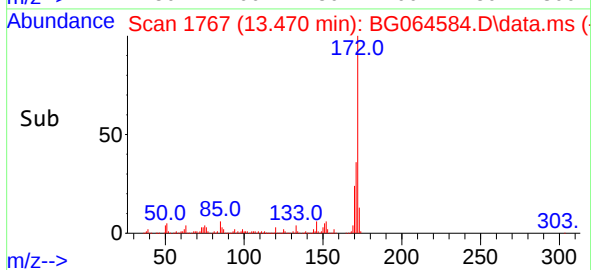
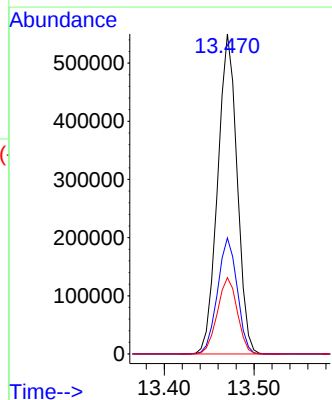
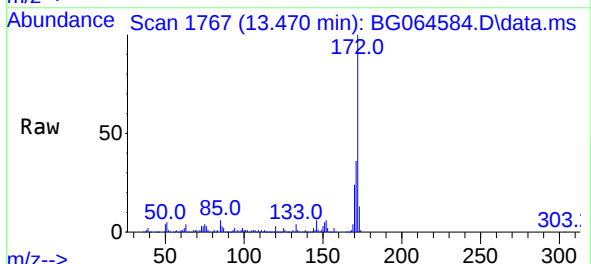
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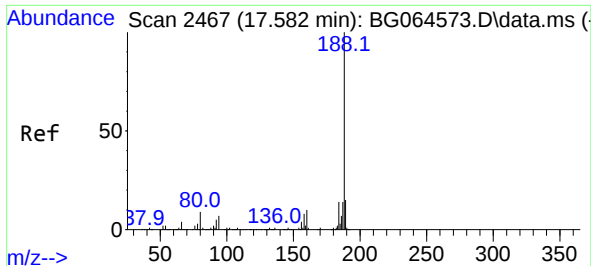
Tgt Ion:330 Resp: 275526
Ion Ratio Lower Upper
330 100
332 96.9 78.0 117.0
141 26.4 21.8 32.6



#45
2-Fluorobiphenyl
Concen: 93.502 ng
RT: 13.470 min Scan# 1767
Delta R.T. -0.009 min
Lab File: BG064584.D
Acq: 27 Oct 2025 12:38

Tgt Ion:172 Resp: 826204
Ion Ratio Lower Upper
172 100
171 36.2 29.4 44.0
170 23.9 19.1 28.7

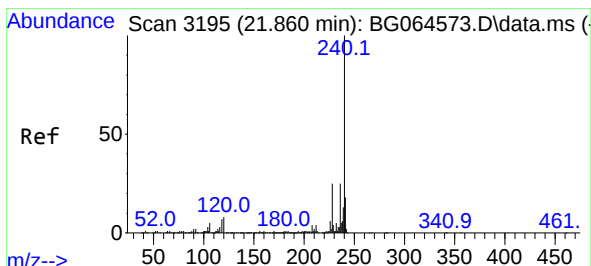
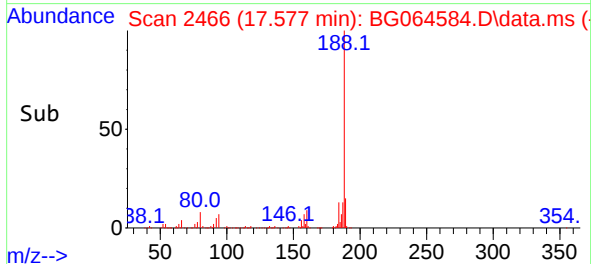
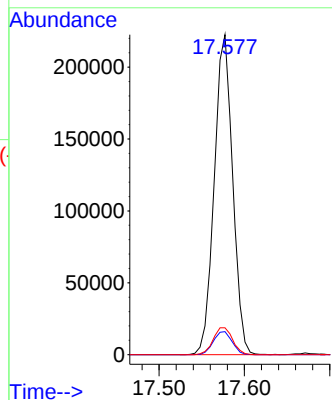
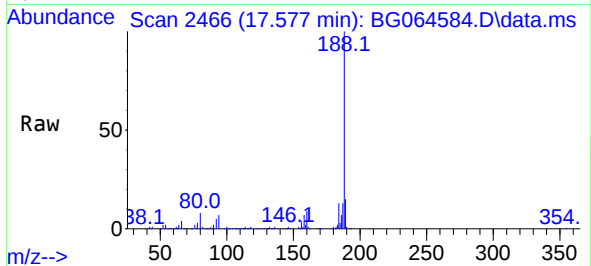




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.577 min Scan# 2466
Delta R.T. -0.003 min
Lab File: BG064584.D
Acq: 27 Oct 2025 12:38

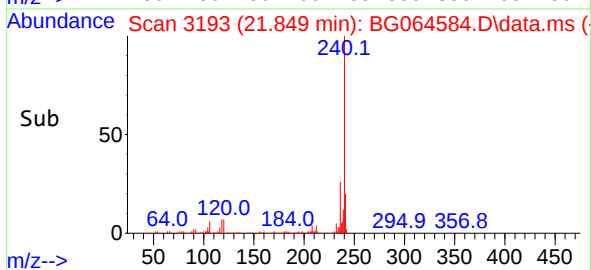
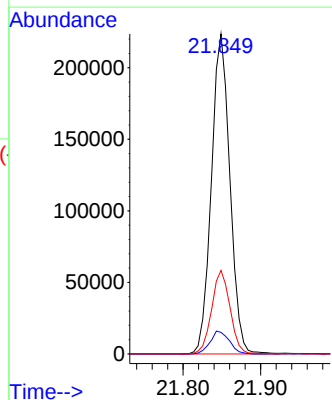
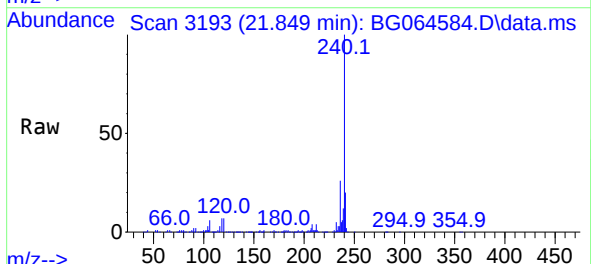
Instrument :
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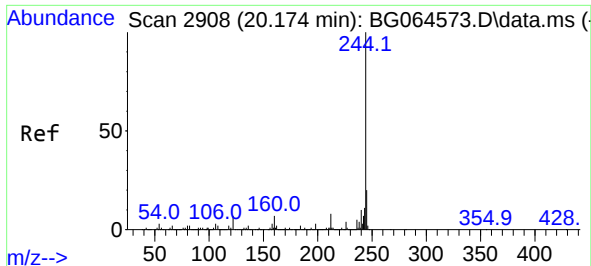
Tgt Ion:188 Resp: 334609
Ion Ratio Lower Upper
188 100
94 7.2 5.7 8.5
80 8.4 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.849 min Scan# 3193
Delta R.T. -0.015 min
Lab File: BG064584.D
Acq: 27 Oct 2025 12:38

Tgt Ion:240 Resp: 371267
Ion Ratio Lower Upper
240 100
120 6.7 6.5 9.7
236 26.1 20.2 30.2

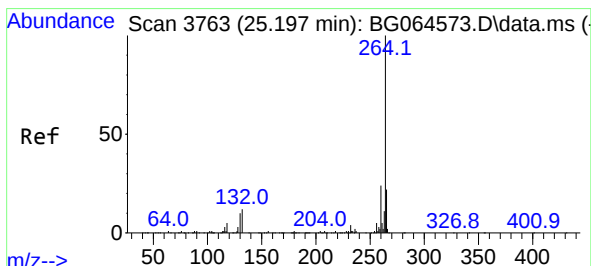
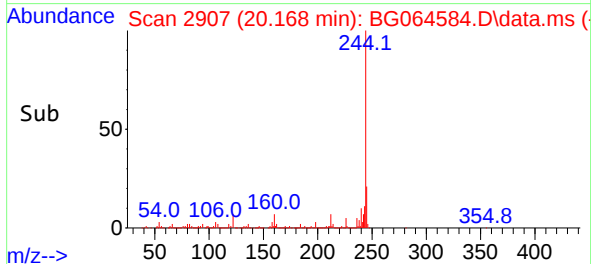
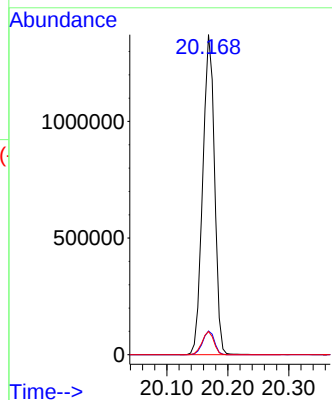
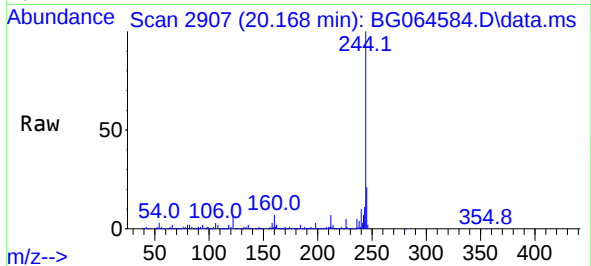




#79
 Terphenyl-d14
 Concen: 94.100 ng
 RT: 20.168 min Scan# 2907
 Delta R.T. -0.009 min
 Lab File: BG064584.D
 Acq: 27 Oct 2025 12:38

Instrument :
 BNA_G
 ClientSampleId :
 PB170222BL

Tgt Ion:244 Resp: 1851252
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 7.2 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.192 min Scan# 3762
 Delta R.T. -0.009 min
 Lab File: BG064584.D
 Acq: 27 Oct 2025 12:38

Tgt Ion:264 Resp: 392267
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.4
 265 21.2 17.6 26.4

