

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
 Data File : BG064601.D
 Acq On : 28 Oct 2025 14:26
 Operator : RC/JU
 Sample : PB170239TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170239TB

Quant Time: Oct 28 15:03:04 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	25341	20.000	ng	0.00
21) Naphthalene-d8	11.044	136	92692	20.000	ng	0.00
39) Acenaphthene-d10	14.839	164	70316	20.000	ng	0.00
64) Phenanthrene-d10	17.571	188	194854	20.000	ng	0.00
76) Chrysene-d12	21.849	240	275677	20.000	ng	-0.01
86) Perylene-d12	25.186	264	313610	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	215145	142.504	ng	0.00
7) Phenol-d6	7.348	99	263377	127.132	ng	0.00
23) Nitrobenzene-d5	9.375	82	142155	92.114	ng	-0.01
42) 2,4,6-Tribromophenol	16.314	330	138100	136.076	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	411607	88.727	ng	0.00
79) Terphenyl-d14	20.162	244	1212132	82.977	ng	-0.01

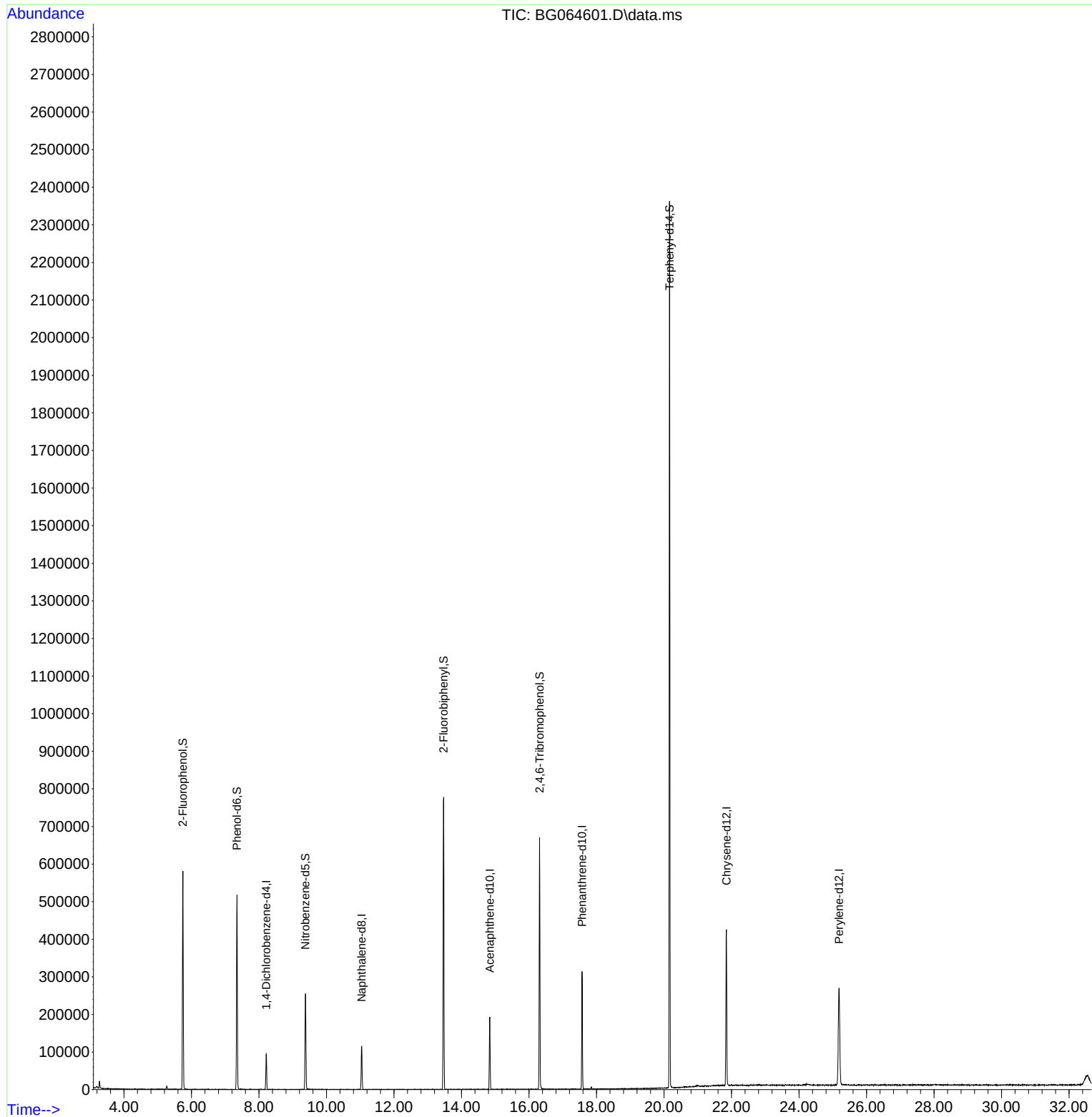
Target Compounds	Qvalue

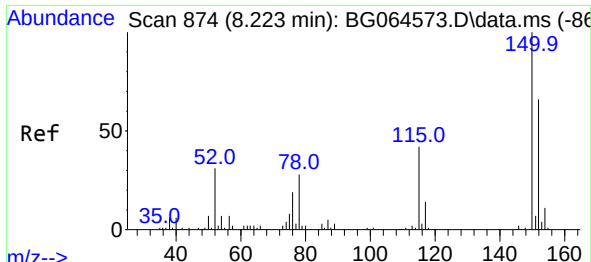
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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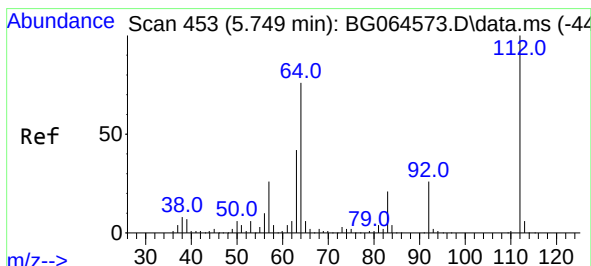
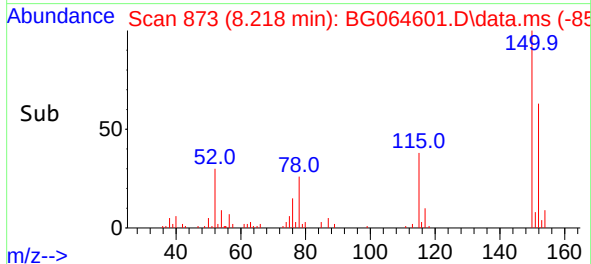
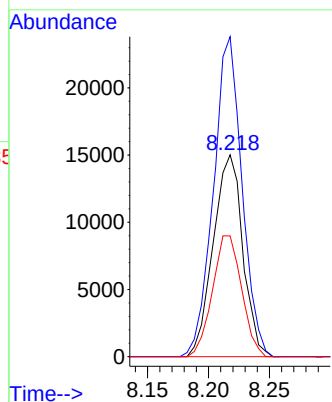
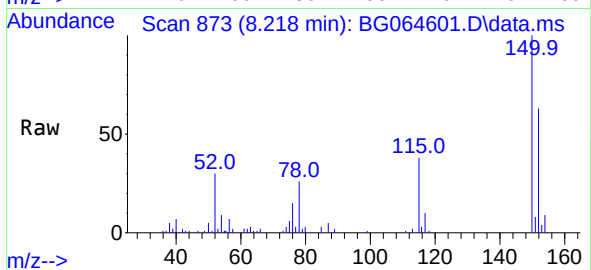




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.218 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG064601.D
Acq: 28 Oct 2025 14:26

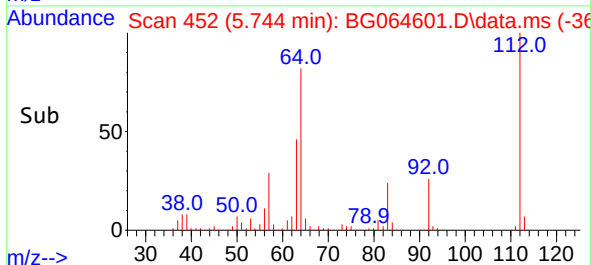
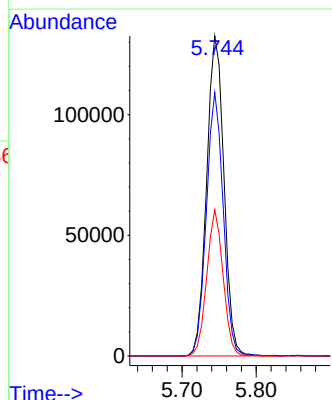
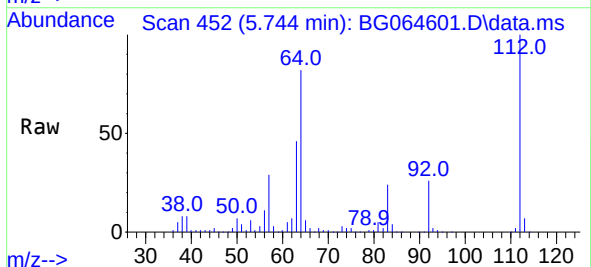
Instrument :
BNA_G
ClientSampleId :
PB170239TB

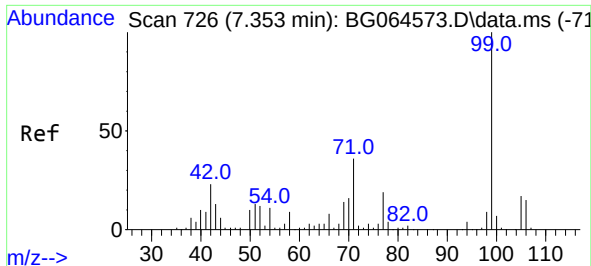
Tgt Ion:152 Resp: 25341
Ion Ratio Lower Upper
152 100
150 158.5 122.2 183.4
115 59.9 50.8 76.2



#5
2-Fluorophenol
Concen: 142.504 ng
RT: 5.744 min Scan# 452
Delta R.T. -0.003 min
Lab File: BG064601.D
Acq: 28 Oct 2025 14:26

Tgt Ion:112 Resp: 215145
Ion Ratio Lower Upper
112 100
64 82.3 60.7 91.1
63 45.7 33.4 50.0

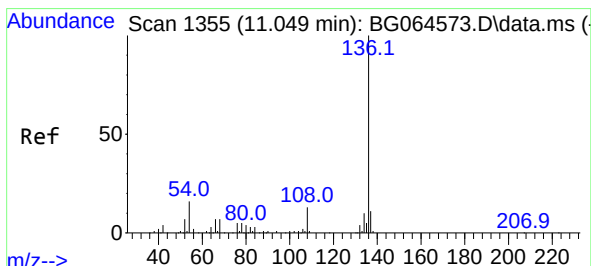
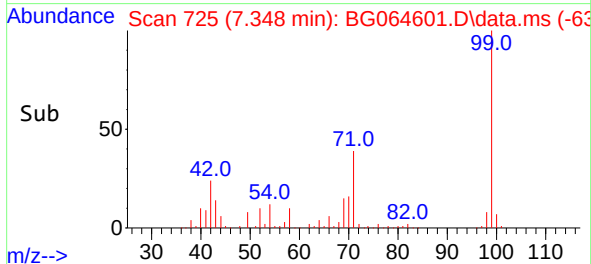
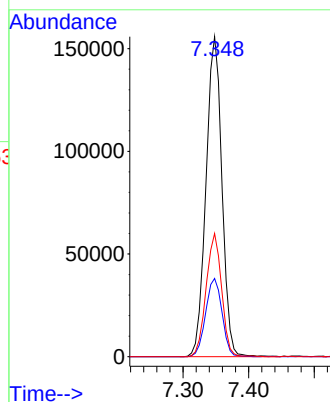
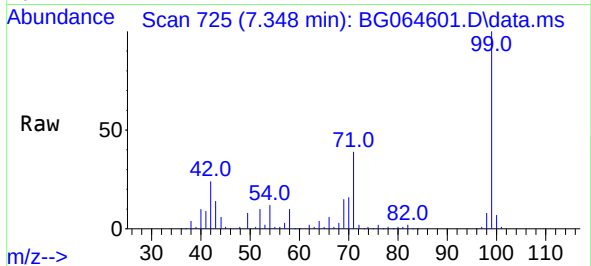




#7
Phenol-d6
Concen: 127.132 ng
RT: 7.348 min Scan# 71
Delta R.T. -0.009 min
Lab File: BG064601.D
Acq: 28 Oct 2025 14:26

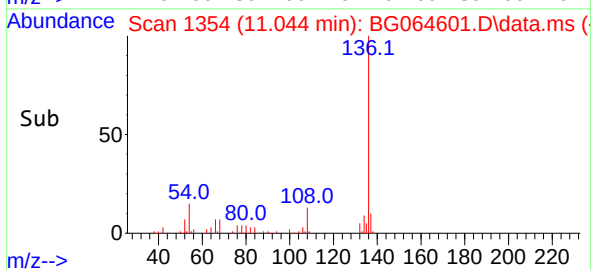
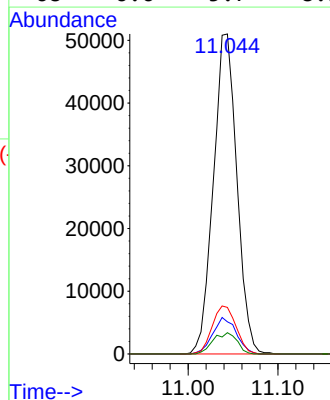
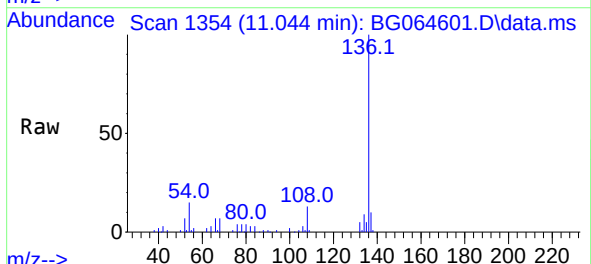
Instrument :
BNA_G
ClientSampleId :
PB170239TB

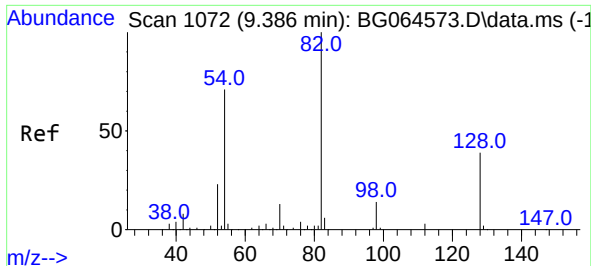
Tgt Ion: 99 Resp: 263377
Ion Ratio Lower Upper
99 100
42 24.5 18.3 27.5
71 38.5 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.044 min Scan# 1354
Delta R.T. -0.009 min
Lab File: BG064601.D
Acq: 28 Oct 2025 14:26

Tgt Ion:136 Resp: 92692
Ion Ratio Lower Upper
136 100
137 10.0 9.2 13.8
54 14.5 12.6 19.0
68 6.6 5.7 8.5





#23

Nitrobenzene-d5

Concen: 92.114 ng

RT: 9.375 min Scan# 1072

Delta R.T. -0.015 min

Lab File: BG064601.D

Acq: 28 Oct 2025 14:26

Instrument :

BNA_G

ClientSampleId :

PB170239TB

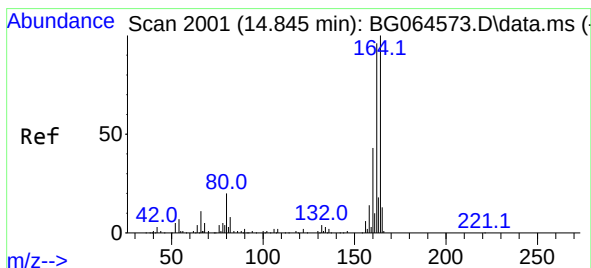
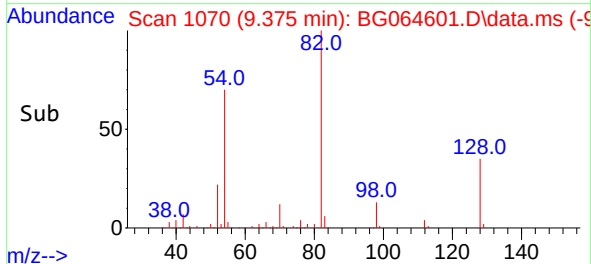
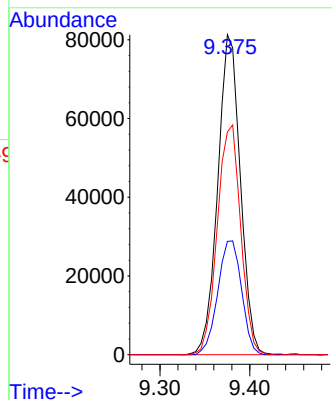
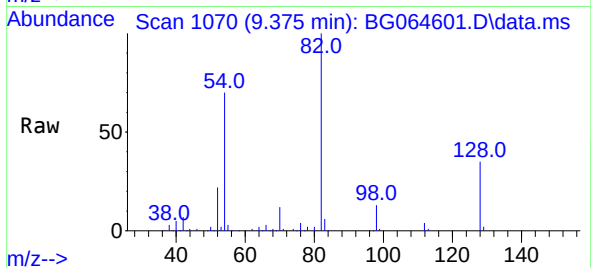
Tgt Ion: 82 Resp: 142155

Ion Ratio Lower Upper

82 100

128 35.4 31.3 46.9

54 69.6 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: BG064601.D

Acq: 28 Oct 2025 14:26

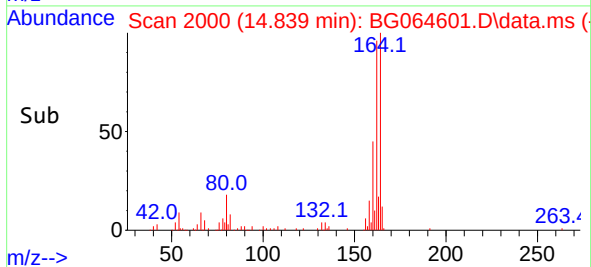
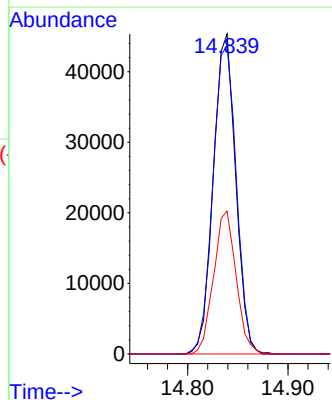
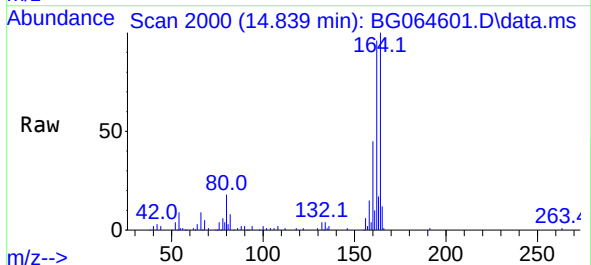
Tgt Ion:164 Resp: 70316

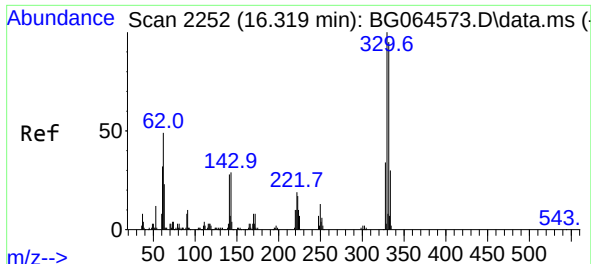
Ion Ratio Lower Upper

164 100

162 96.4 77.0 115.6

160 44.7 34.4 51.6

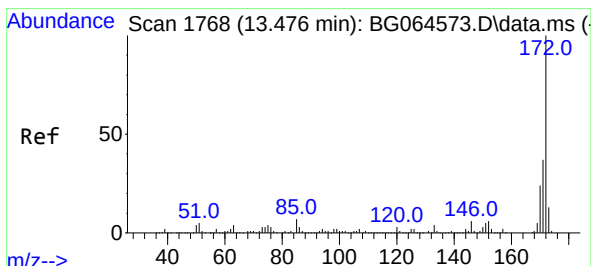
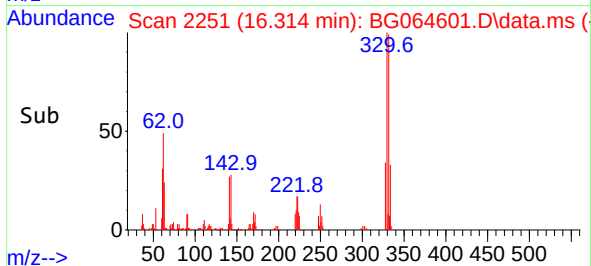
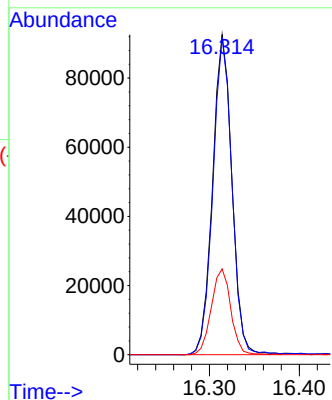
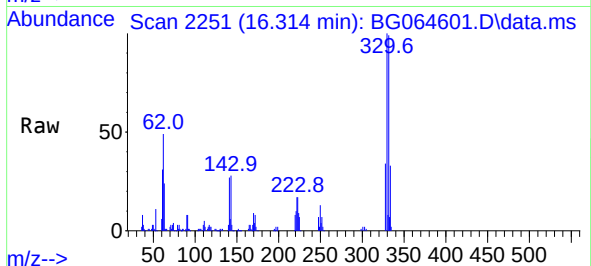




#42
2,4,6-Tribromophenol
Concen: 136.076 ng
RT: 16.314 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG064601.D
Acq: 28 Oct 2025 14:26

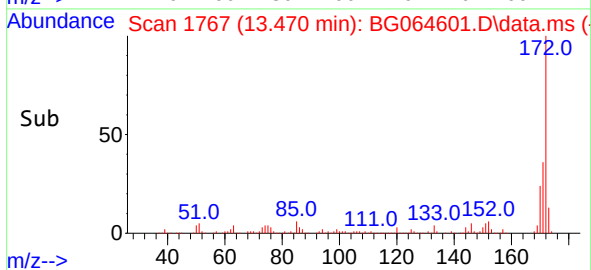
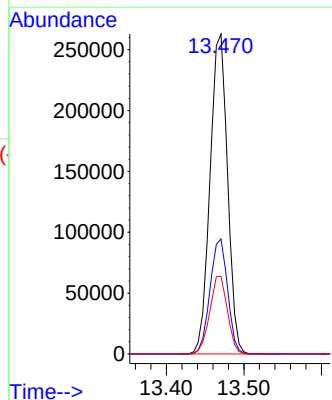
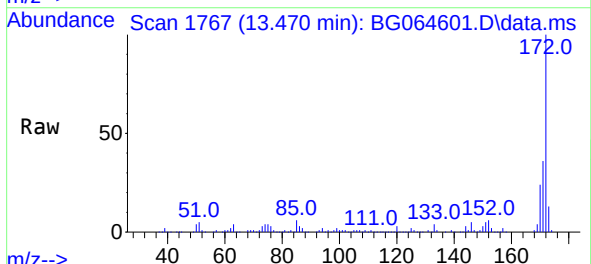
Instrument :
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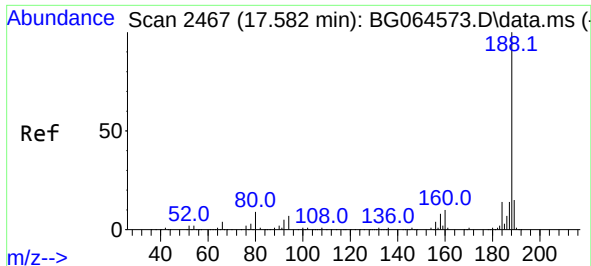
Tgt Ion:330 Resp: 138100
Ion Ratio Lower Upper
330 100
332 97.6 78.0 117.0
141 27.0 21.8 32.6



#45
2-Fluorobiphenyl
Concen: 88.727 ng
RT: 13.470 min Scan# 1767
Delta R.T. -0.009 min
Lab File: BG064601.D
Acq: 28 Oct 2025 14:26

Tgt Ion:172 Resp: 411607
Ion Ratio Lower Upper
172 100
171 36.0 29.4 44.0
170 24.2 19.1 28.7

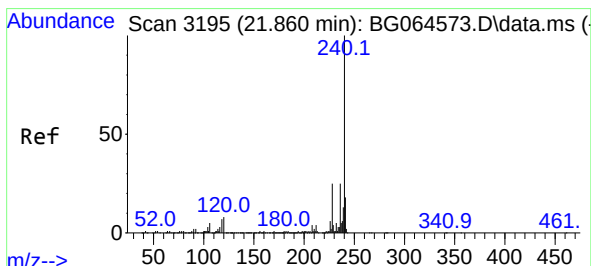
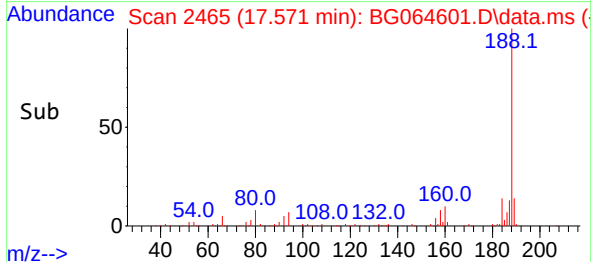
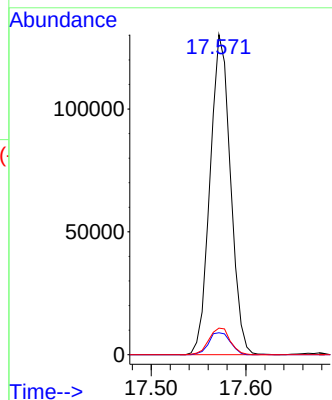
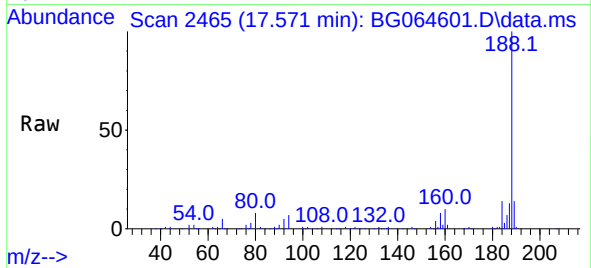




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.571 min Scan# 2465
Delta R.T. -0.009 min
Lab File: BG064601.D
Acq: 28 Oct 2025 14:26

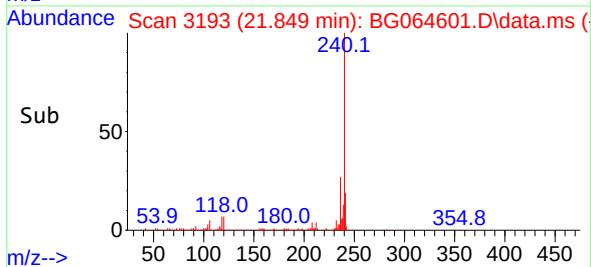
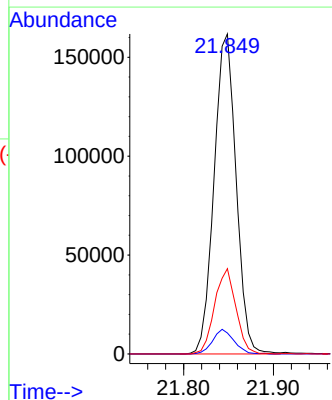
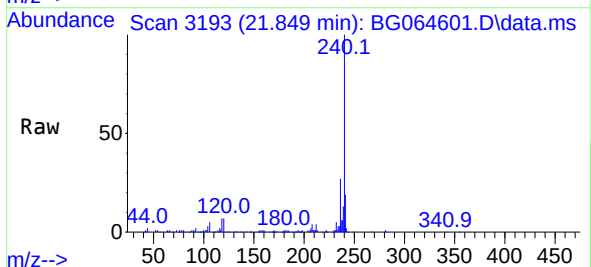
Instrument :
BNA_G
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PB170239TB

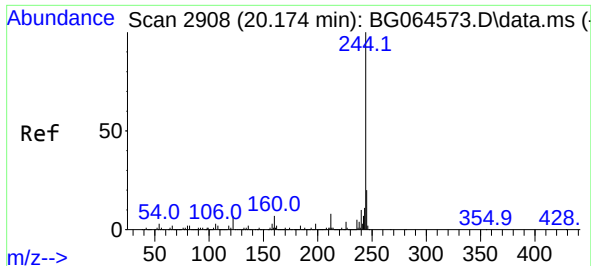
Tgt Ion:188 Resp: 194854
Ion Ratio Lower Upper
188 100
94 6.8 5.7 8.5
80 8.3 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.849 min Scan# 3193
Delta R.T. -0.015 min
Lab File: BG064601.D
Acq: 28 Oct 2025 14:26

Tgt Ion:240 Resp: 275677
Ion Ratio Lower Upper
240 100
120 6.5 6.5 9.7
236 26.6 20.2 30.2

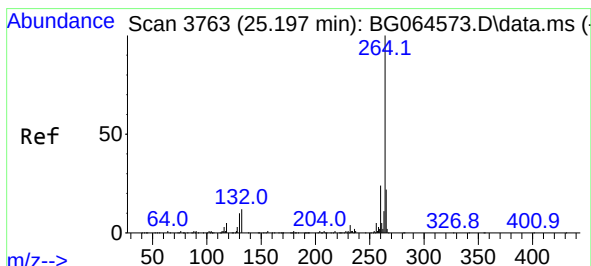
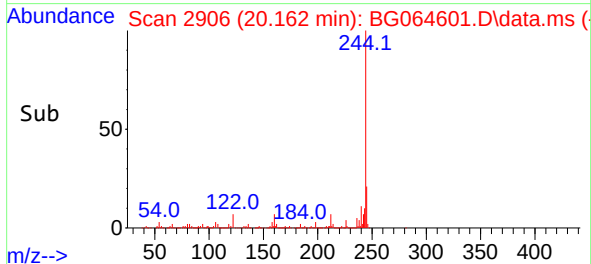
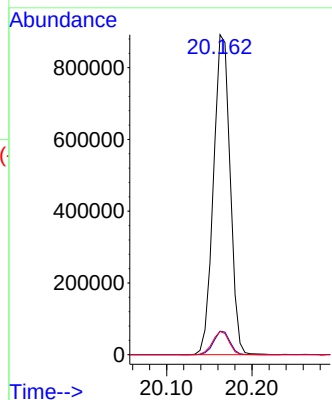
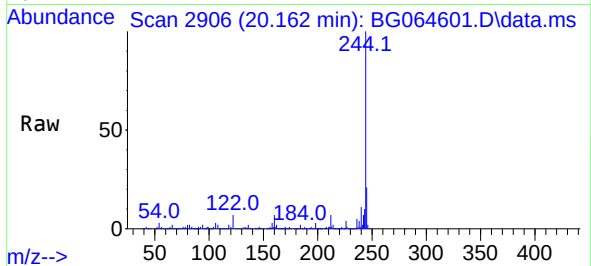




#79
 Terphenyl-d14
 Concen: 82.977 ng
 RT: 20.162 min Scan# 2906
 Delta R.T. -0.015 min
 Lab File: BG064601.D
 Acq: 28 Oct 2025 14:26

Instrument :
 BNA_G
 ClientSampleId :
 PB170239TB

Tgt Ion:244 Resp: 1212132
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 7.3 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.186 min Scan# 3761
 Delta R.T. -0.015 min
 Lab File: BG064601.D
 Acq: 28 Oct 2025 14:26

Tgt Ion:264 Resp: 313610
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.4
 265 22.4 17.6 26.4

