

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
 Data File : BG064662.D
 Acq On : 31 Oct 2025 18:57
 Operator : RC/JU
 Sample : Q3495-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-1025-1

Quant Time: Oct 31 23:28:24 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	8.217	152	37784	20.000	ng	0.00
21) Naphthalene-d8	11.044	136	154992	20.000	ng	0.00
39) Acenaphthene-d10	14.839	164	121331	20.000	ng	0.00
64) Phenanthrene-d10	17.577	188	273070	20.000	ng	0.00
76) Chrysene-d12	21.849	240	293377	20.000	ng	-0.01
86) Perylene-d12	25.198	264	322218	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.750	112	133611	59.355	ng	0.00
7) Phenol-d6	7.354	99	126232	40.866	ng	0.00
23) Nitrobenzene-d5	9.381	82	236497	91.647	ng	0.00
42) 2,4,6-Tribromophenol	16.320	330	279559	159.641	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	685414	85.626	ng	0.00
79) Terphenyl-d14	20.168	244	1415043	91.024	ng	0.00

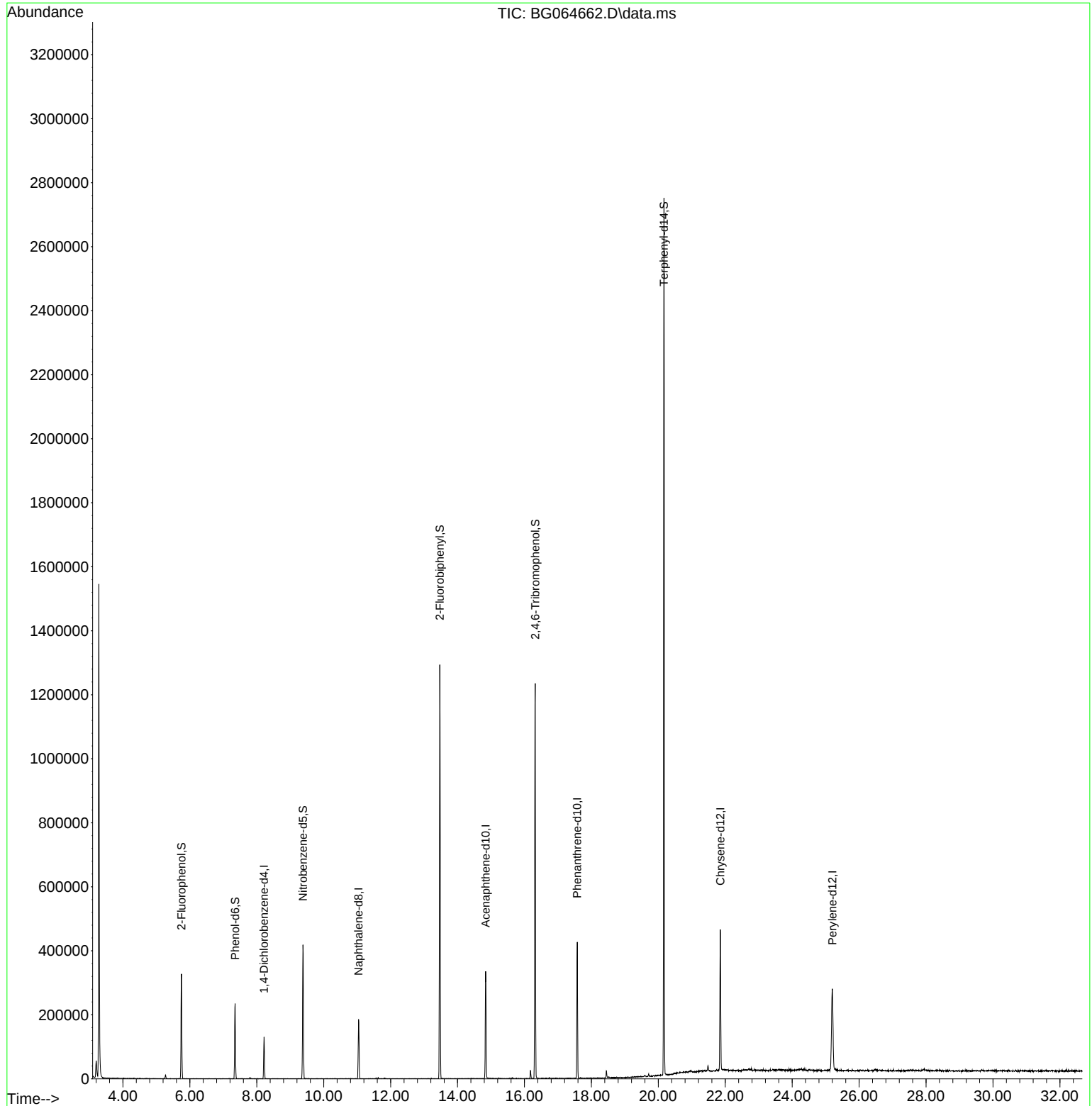
Target Compounds	Qvalue

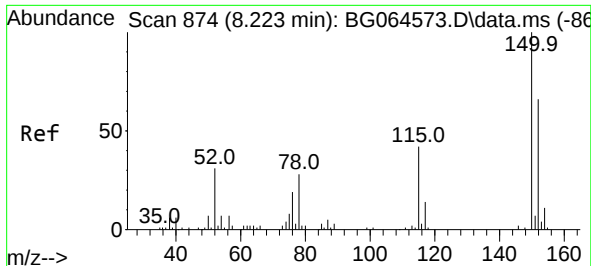
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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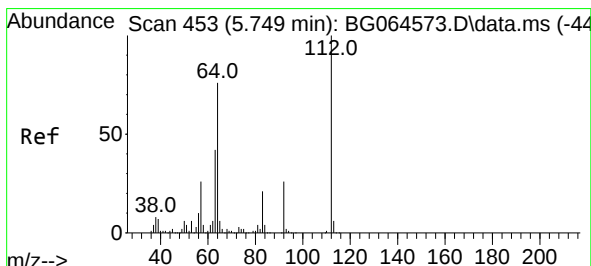
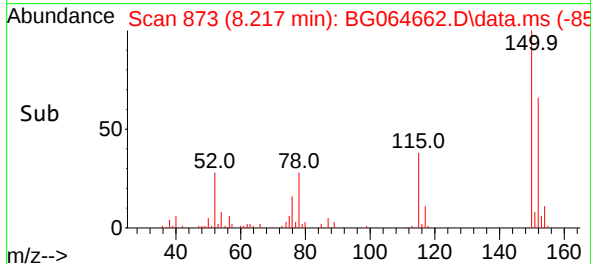
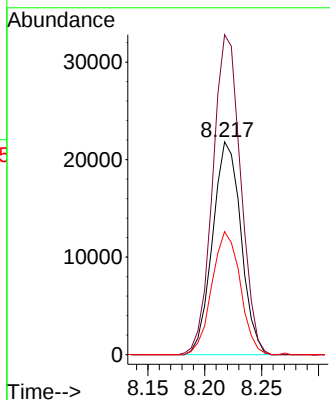
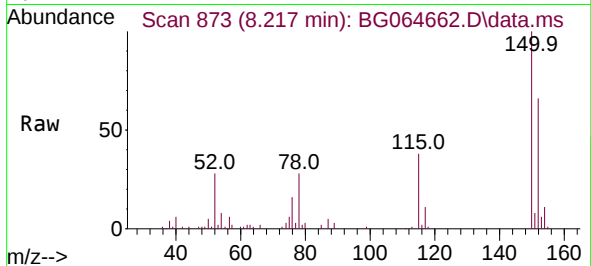




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.217 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG064662.D
Acq: 31 Oct 2025 18:57

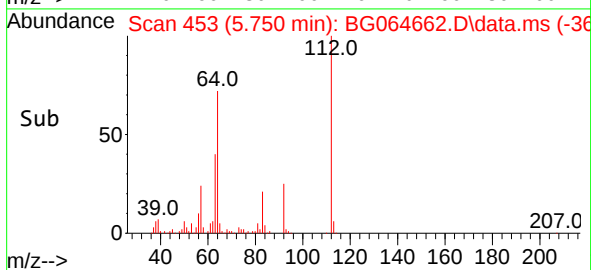
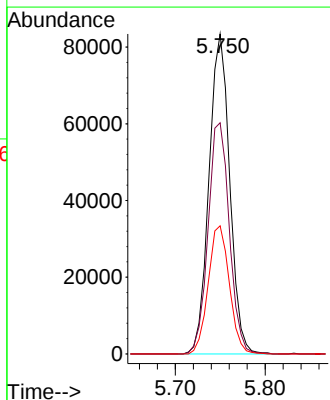
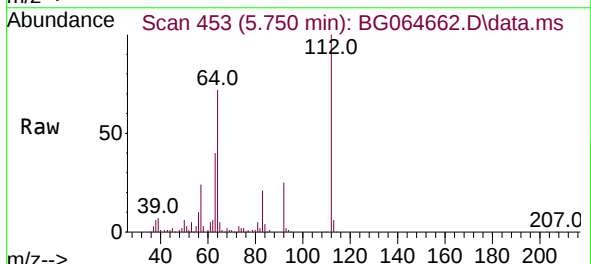
Instrument :
BNA_G
ClientSampleId :
TW-1025-1

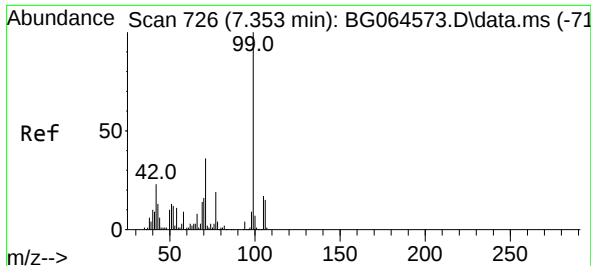
Tgt Ion:152 Resp: 37784
Ion Ratio Lower Upper
152 100
150 150.4 122.2 183.4
115 57.8 50.8 76.2



#5
2-Fluorophenol
Concen: 59.355 ng
RT: 5.750 min Scan# 453
Delta R.T. 0.003 min
Lab File: BG064662.D
Acq: 31 Oct 2025 18:57

Tgt Ion:112 Resp: 133611
Ion Ratio Lower Upper
112 100
64 72.2 60.7 91.1
63 40.0 33.4 50.0





#7
Phenol-d6
Concen: 40.866 ng
RT: 7.354 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG064662.D
Acq: 31 Oct 2025 18:57

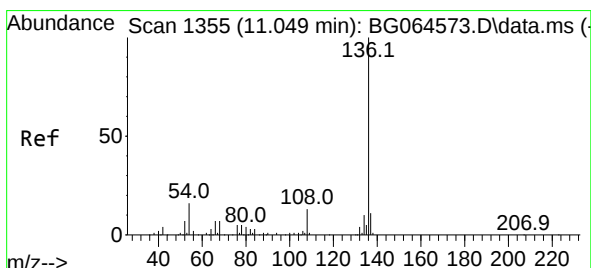
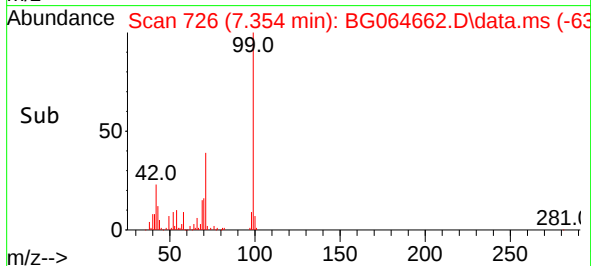
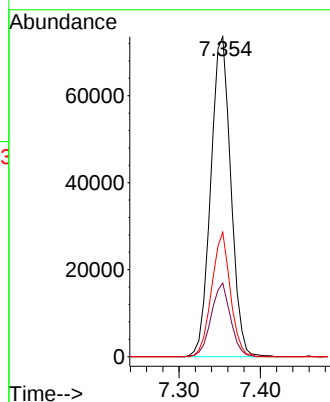
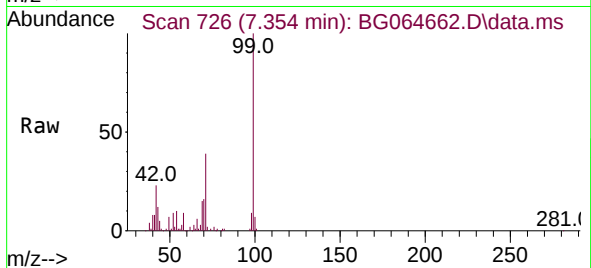
Instrument :

BNA_G

ClientSampleId :

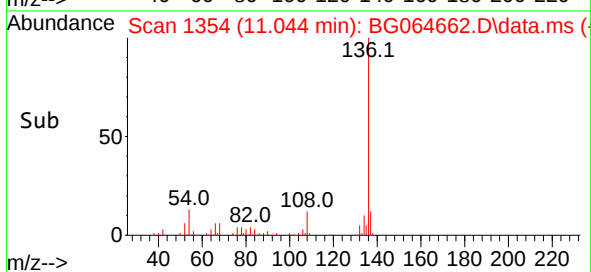
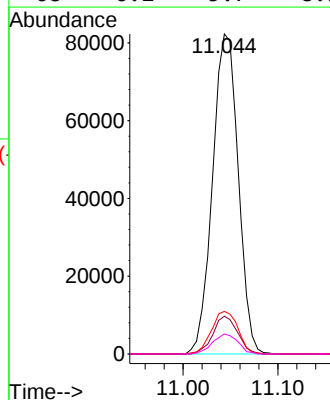
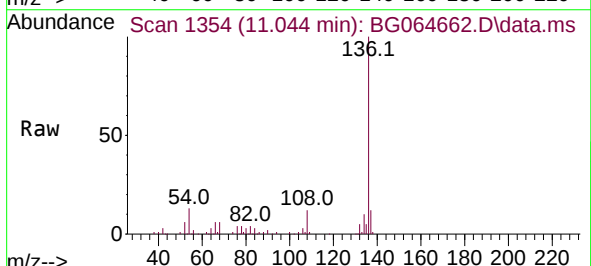
TW-1025-1

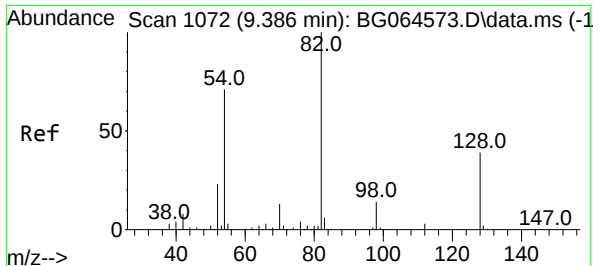
Tgt Ion: 99 Resp: 126232
Ion Ratio Lower Upper
99 100
42 23.0 18.3 27.5
71 38.9 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.044 min Scan# 1354
Delta R.T. -0.009 min
Lab File: BG064662.D
Acq: 31 Oct 2025 18:57

Tgt Ion:136 Resp: 154992
Ion Ratio Lower Upper
136 100
137 11.8 9.2 13.8
54 13.3 12.6 19.0
68 6.2 5.7 8.5





#23

Nitrobenzene-d5

Concen: 91.647 ng

RT: 9.381 min Scan# 10

Delta R.T. -0.009 min

Lab File: BG064662.D

Acq: 31 Oct 2025 18:57

Instrument :

BNA_G

ClientSampleId :

TW-1025-1

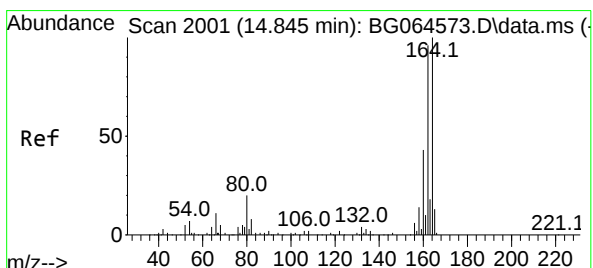
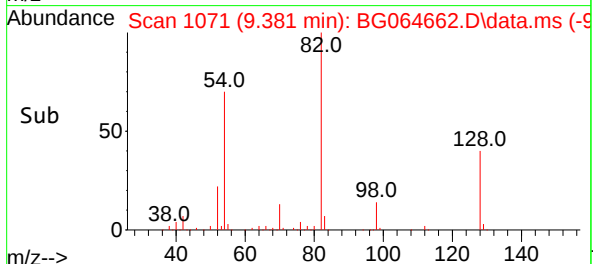
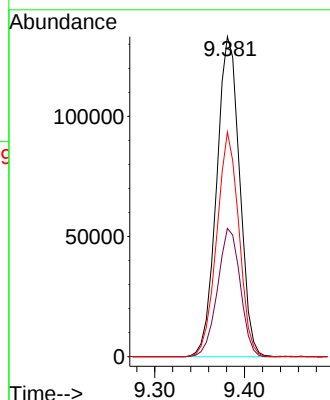
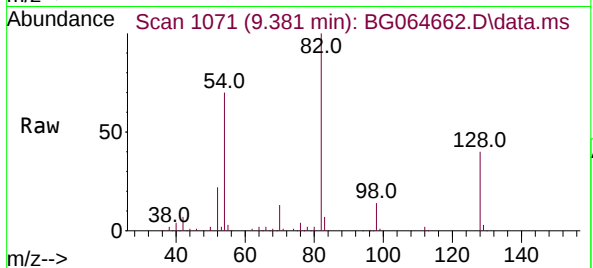
Tgt Ion: 82 Resp: 236497

Ion Ratio Lower Upper

82 100

128 40.1 31.3 46.9

54 70.2 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: BG064662.D

Acq: 31 Oct 2025 18:57

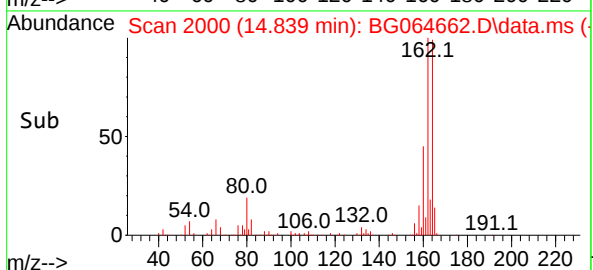
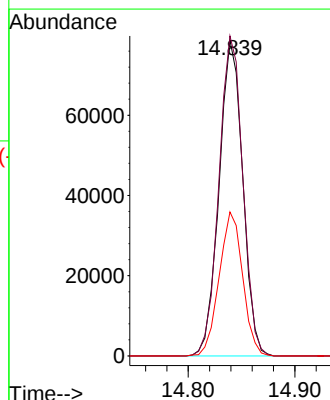
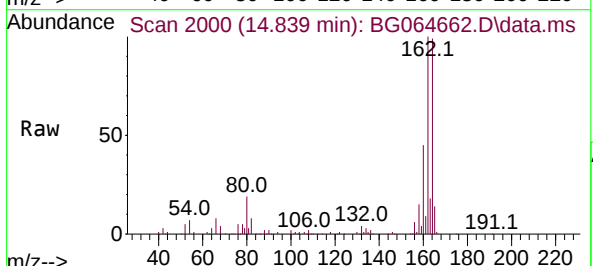
Tgt Ion: 164 Resp: 121331

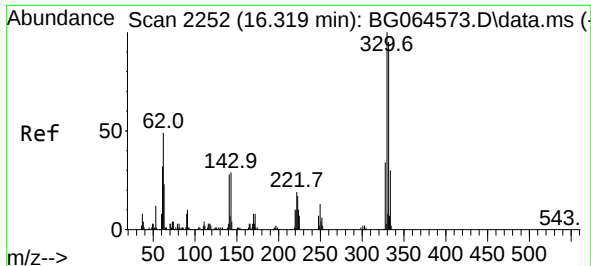
Ion Ratio Lower Upper

164 100

162 101.3 77.0 115.6

160 45.5 34.4 51.6

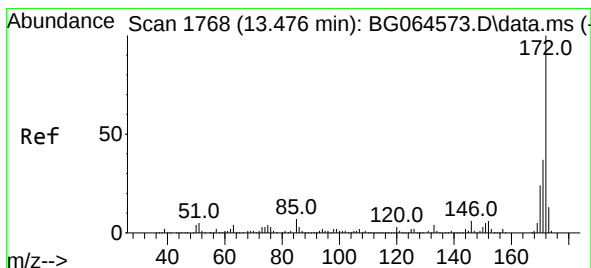
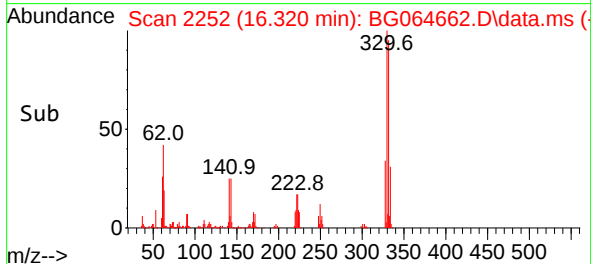
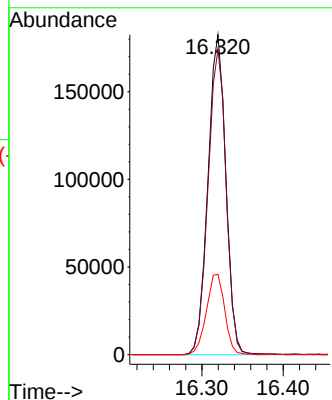
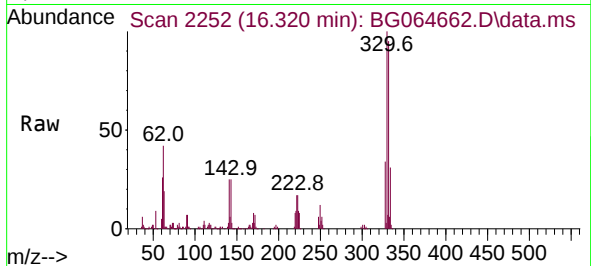




#42
2,4,6-Tribromophenol
Concen: 159.641 ng
RT: 16.320 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064662.D
Acq: 31 Oct 2025 18:57

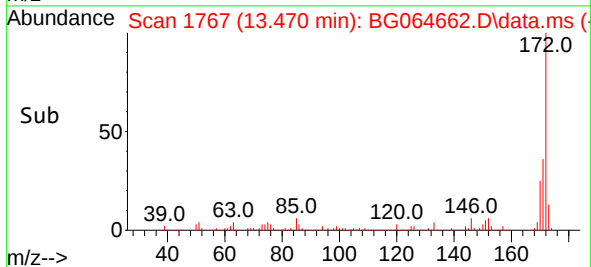
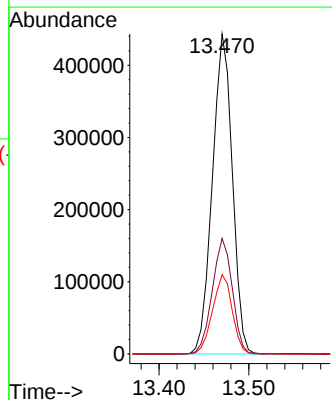
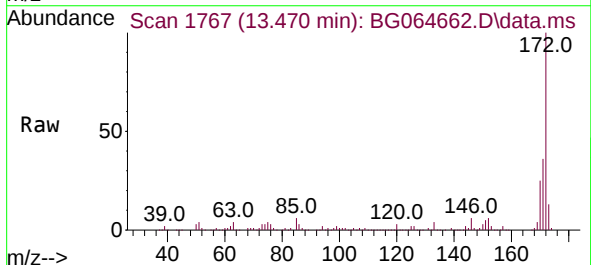
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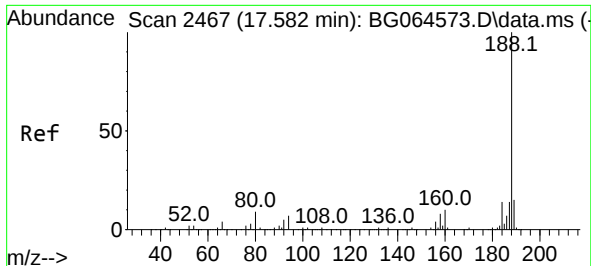
Tgt Ion:330 Resp: 279559
Ion Ratio Lower Upper
330 100
332 96.5 78.0 117.0
141 25.8 21.8 32.6



#45
2-Fluorobiphenyl
Concen: 85.626 ng
RT: 13.470 min Scan# 1767
Delta R.T. -0.009 min
Lab File: BG064662.D
Acq: 31 Oct 2025 18:57

Tgt Ion:172 Resp: 685414
Ion Ratio Lower Upper
172 100
171 36.1 29.4 44.0
170 24.8 19.1 28.7

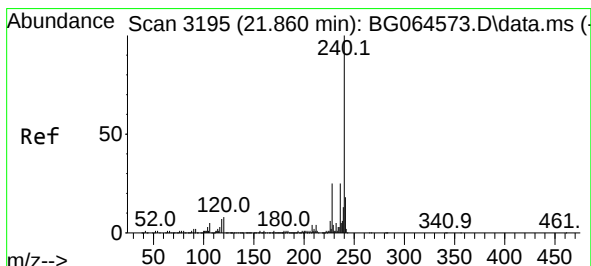
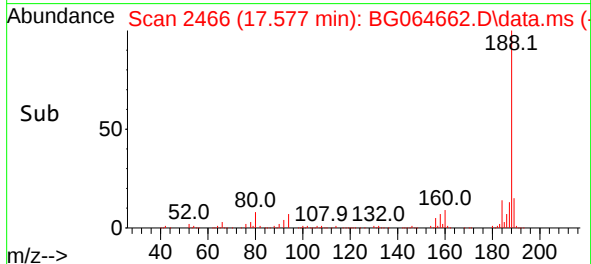
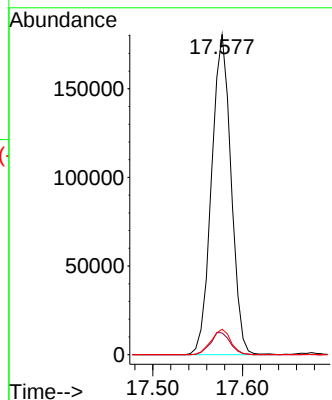
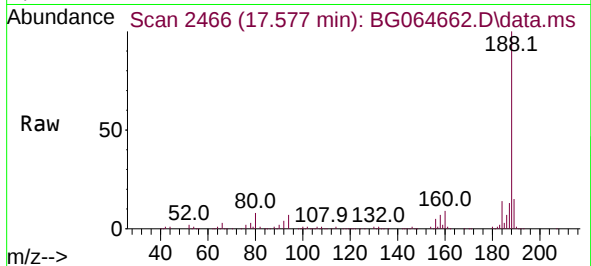




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.577 min Scan# 2466
Delta R.T. -0.003 min
Lab File: BG064662.D
Acq: 31 Oct 2025 18:57

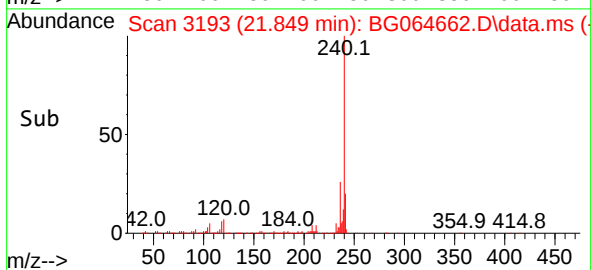
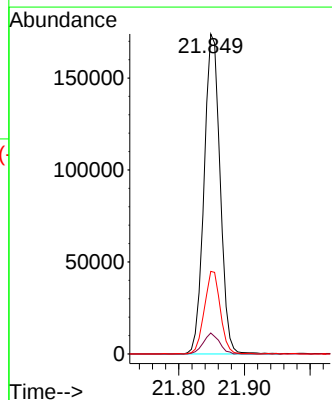
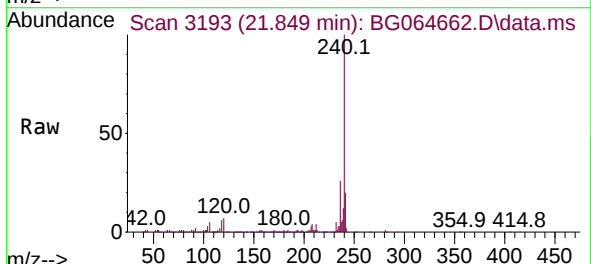
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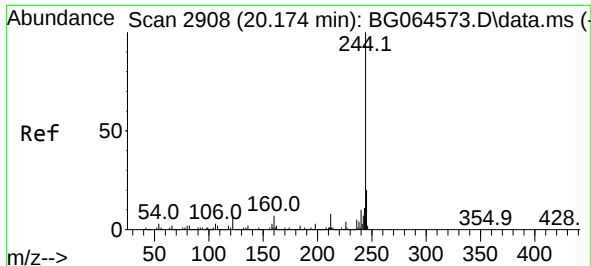
Tgt Ion:188 Resp: 273070
Ion Ratio Lower Upper
188 100
94 6.8 5.7 8.5
80 7.9 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.849 min Scan# 3193
Delta R.T. -0.015 min
Lab File: BG064662.D
Acq: 31 Oct 2025 18:57

Tgt Ion:240 Resp: 293377
Ion Ratio Lower Upper
240 100
120 6.5 6.5 9.7
236 25.8 20.2 30.2

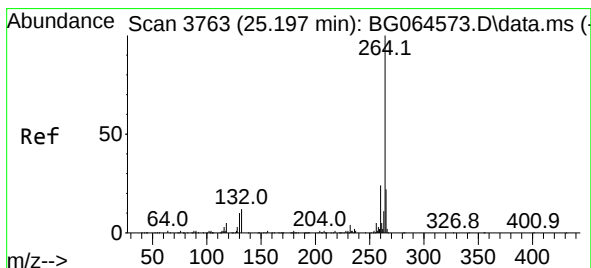
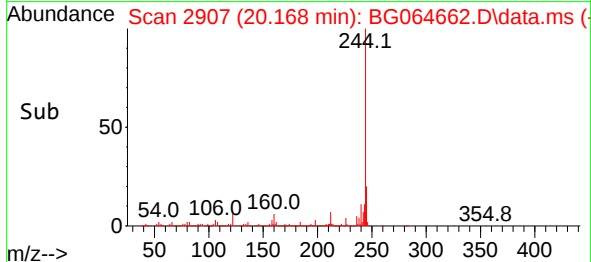
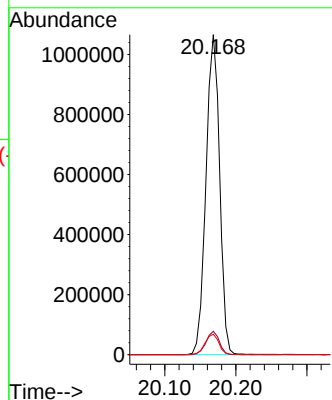
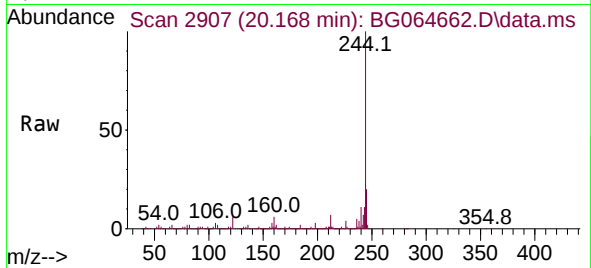




#79
 Terphenyl-d14
 Concen: 91.024 ng
 RT: 20.168 min Scan# 2908
 Delta R.T. -0.009 min
 Lab File: BG064662.D
 Acq: 31 Oct 2025 18:57

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 BNA_G
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Tgt Ion:244 Resp: 1415043
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 6.4 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.198 min Scan# 3763
 Delta R.T. -0.003 min
 Lab File: BG064662.D
 Acq: 31 Oct 2025 18:57

Tgt Ion:264 Resp: 322218
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.4
 265 21.4 17.6 26.4

