

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
 Data File : BG064700.D
 Acq On : 6 Nov 2025 12:54
 Operator : RC/JU
 Sample : PB170421BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170421BL

Quant Time: Nov 06 13:32:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 18:16:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.203	152	36962	20.000	ng	-0.02
21) Naphthalene-d8	11.029	136	129605	20.000	ng	#-0.02
39) Acenaphthene-d10	14.824	164	97340	20.000	ng	-0.02
64) Phenanthrene-d10	17.557	188	221511	20.000	ng	-0.03
76) Chrysene-d12	21.828	240	313090	20.000	ng	-0.03
86) Perylene-d12	25.154	264	340836	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.735	112	277319	125.934	ng	-0.01
7) Phenol-d6	7.339	99	345018	114.179	ng	-0.01
23) Nitrobenzene-d5	9.360	82	224243	103.921	ng	-0.03
42) 2,4,6-Tribromophenol	16.299	330	211400	150.472	ng	-0.02
45) 2-Fluorobiphenyl	13.450	172	622227	96.891	ng	-0.03
79) Terphenyl-d14	20.148	244	1438748	86.721	ng	-0.03

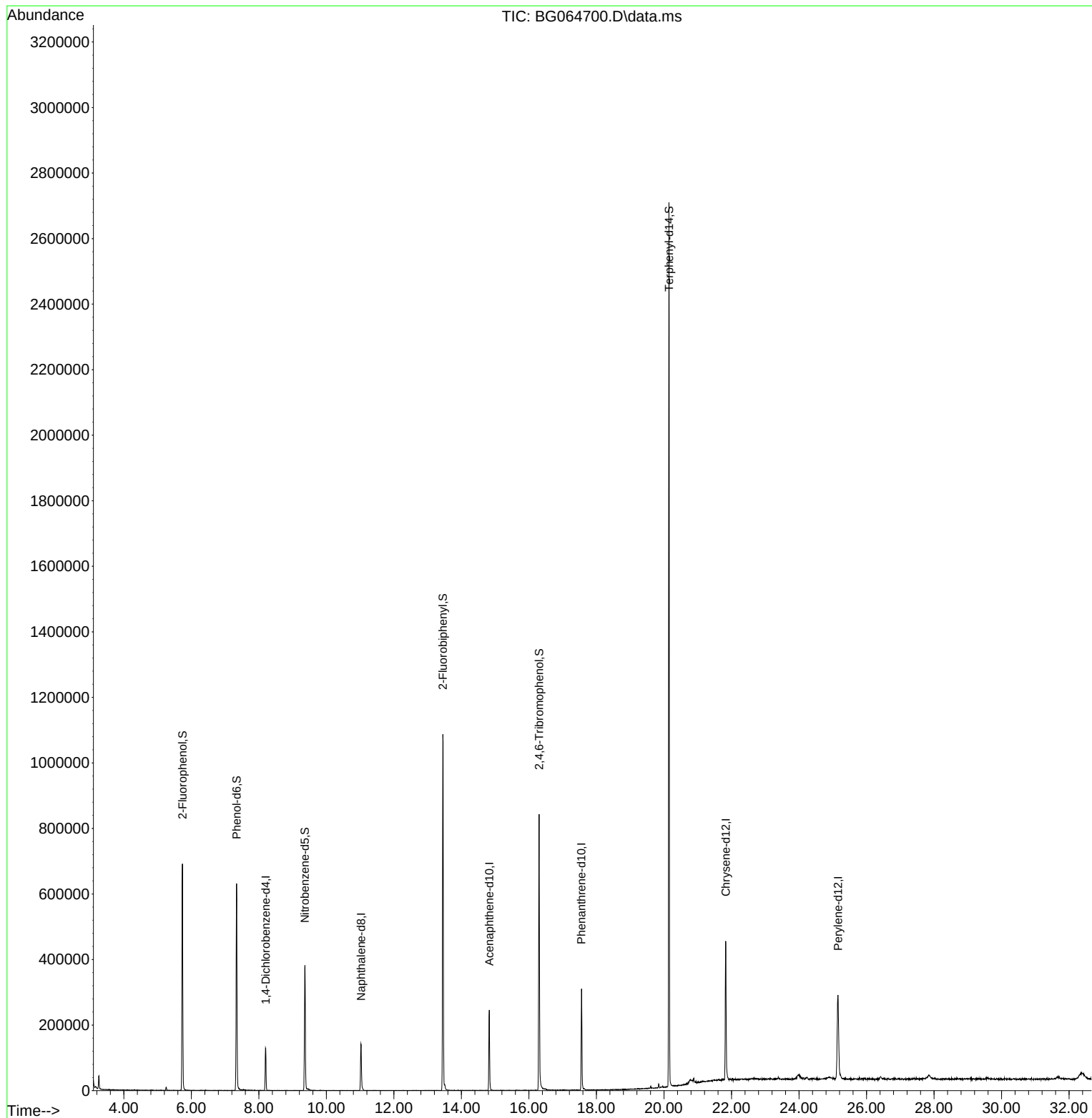
Target Compounds Qvalue

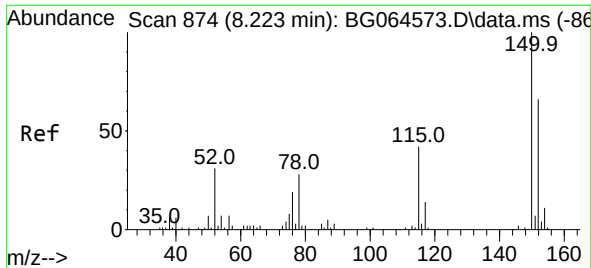
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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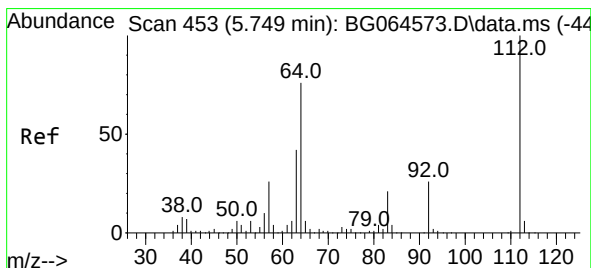
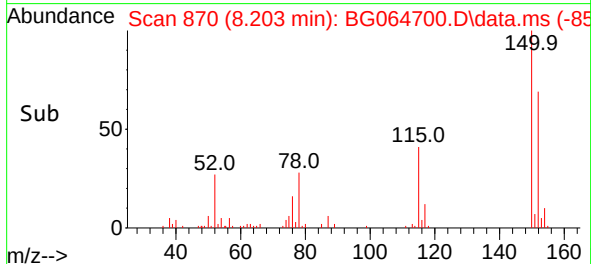
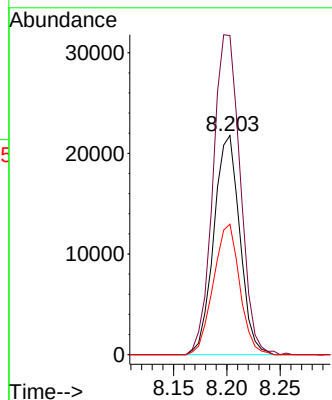
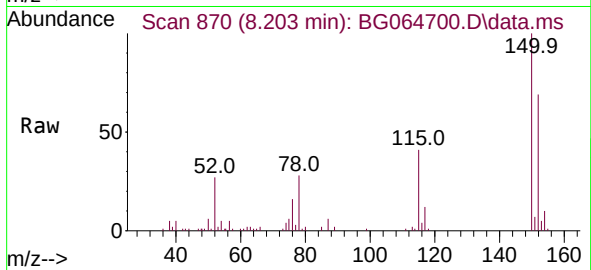




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.203 min Scan# 81
Delta R.T. -0.020 min
Lab File: BG064700.D
Acq: 6 Nov 2025 12:54

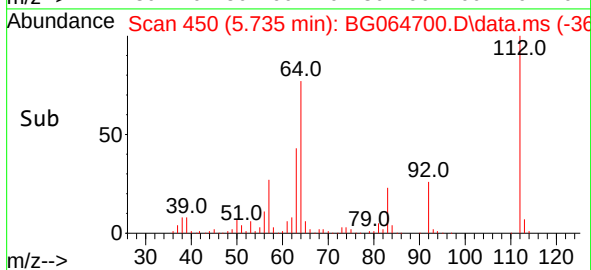
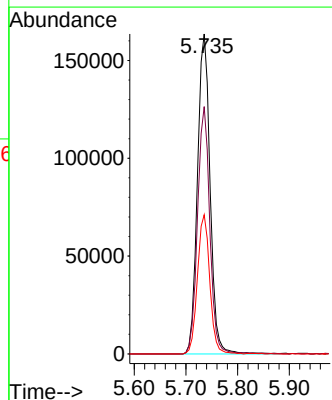
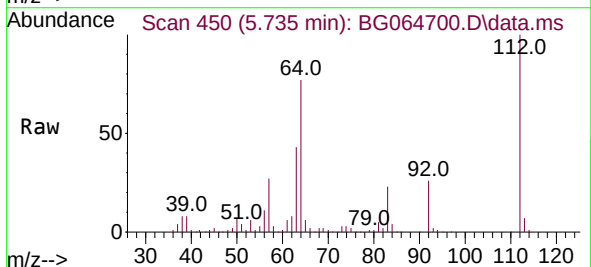
Instrument :
BNA_G
ClientSampleId :
PB170421BL

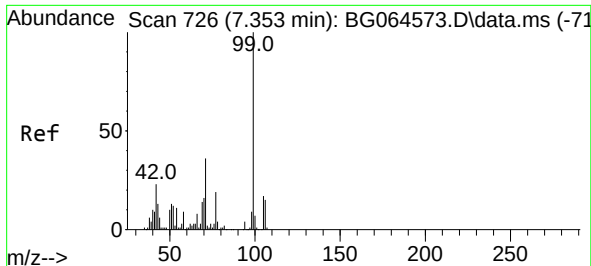
Tgt Ion:152 Resp: 36962
Ion Ratio Lower Upper
152 100
150 145.6 122.2 183.4
115 59.6 50.8 76.2



#5
2-Fluorophenol
Concen: 125.934 ng
RT: 5.735 min Scan# 450
Delta R.T. -0.014 min
Lab File: BG064700.D
Acq: 6 Nov 2025 12:54

Tgt Ion:112 Resp: 277319
Ion Ratio Lower Upper
112 100
64 77.3 60.7 91.1
63 43.5 33.4 50.0

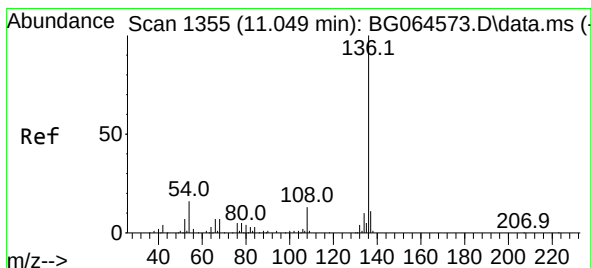
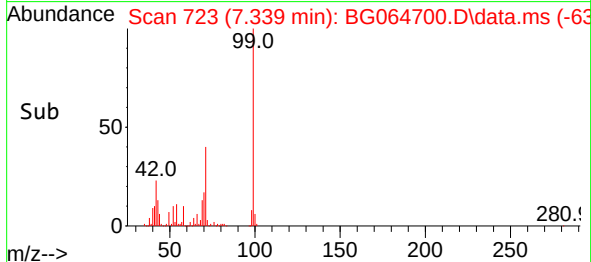
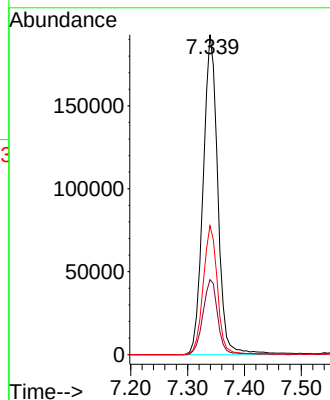
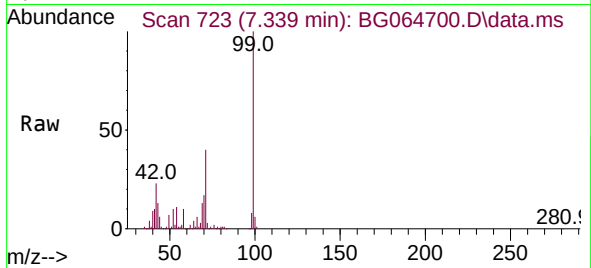




#7
Phenol-d6
Concen: 114.179 ng
RT: 7.339 min Scan# 71
Delta R.T. -0.014 min
Lab File: BG064700.D
Acq: 6 Nov 2025 12:54

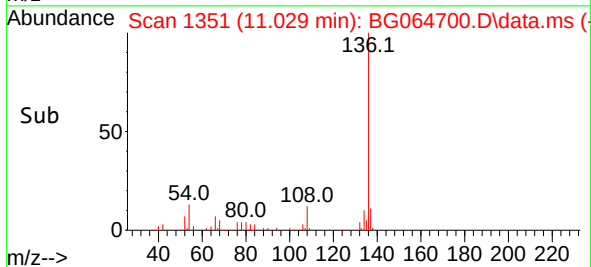
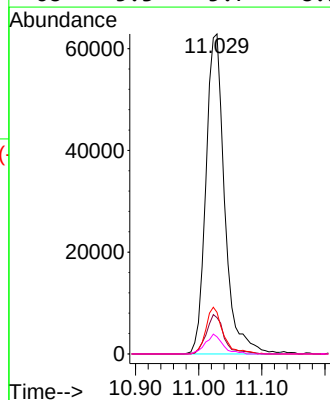
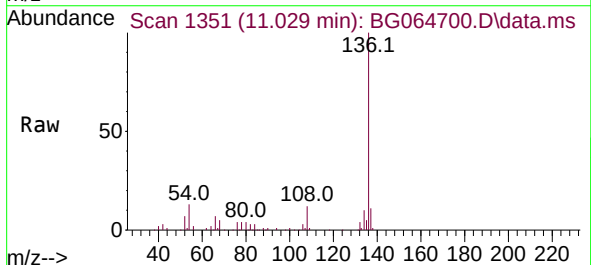
Instrument :
BNA_G
ClientSampleId :
PB170421BL

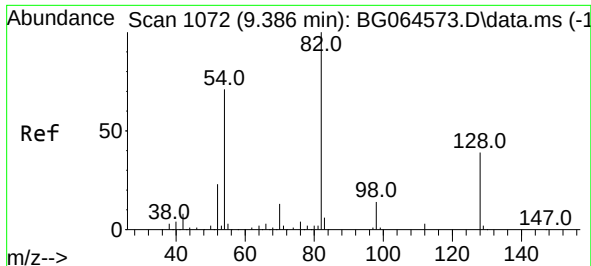
Tgt Ion: 99 Resp: 345018
Ion Ratio Lower Upper
99 100
42 23.4 18.3 27.5
71 40.3 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.029 min Scan# 1351
Delta R.T. -0.020 min
Lab File: BG064700.D
Acq: 6 Nov 2025 12:54

Tgt Ion: 136 Resp: 129605
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 13.0 12.6 19.0
68 5.3 5.7 8.5#





#23

Nitrobenzene-d5

Concen: 103.921 ng

RT: 9.360 min Scan# 1072

Delta R.T. -0.026 min

Lab File: BG064700.D

Acq: 6 Nov 2025 12:54

Instrument :

BNA_G

ClientSampleId :

PB170421BL

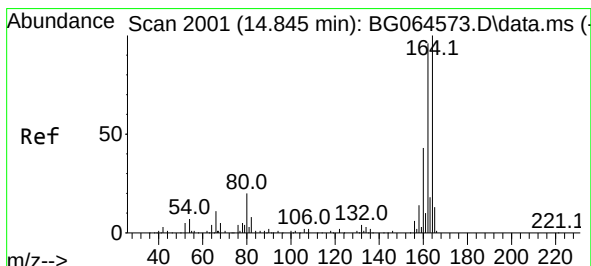
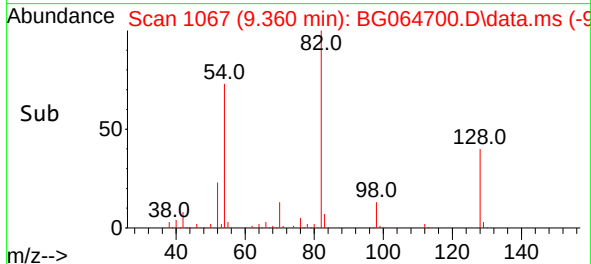
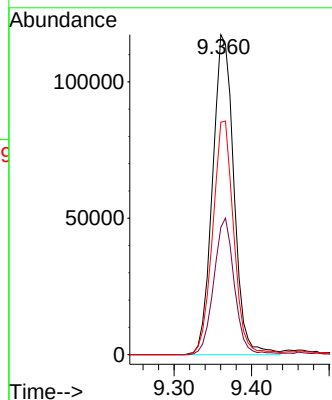
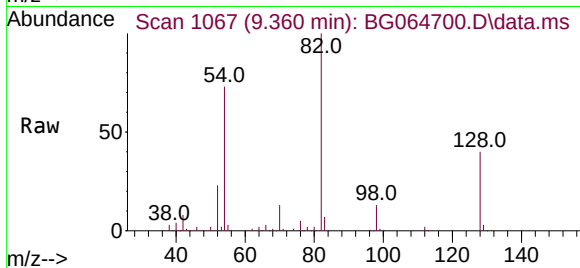
Tgt Ion: 82 Resp: 224243

Ion Ratio Lower Upper

82 100

128 39.8 31.3 46.9

54 72.6 56.6 84.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.824 min Scan# 1997

Delta R.T. -0.020 min

Lab File: BG064700.D

Acq: 6 Nov 2025 12:54

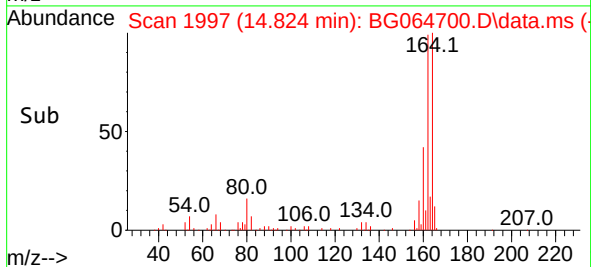
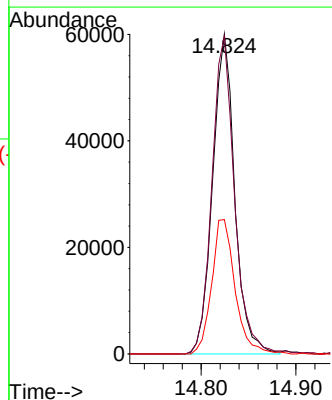
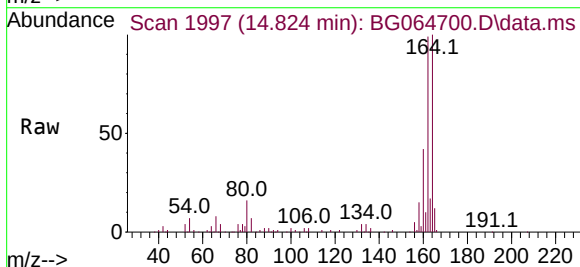
Tgt Ion: 164 Resp: 97340

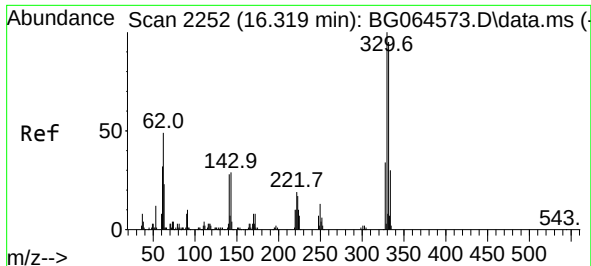
Ion Ratio Lower Upper

164 100

162 99.3 77.0 115.6

160 42.0 34.4 51.6

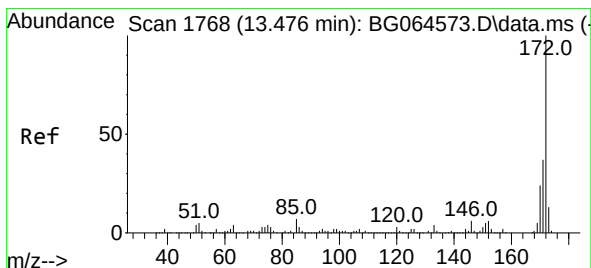
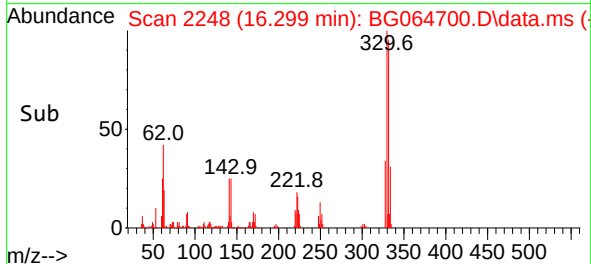
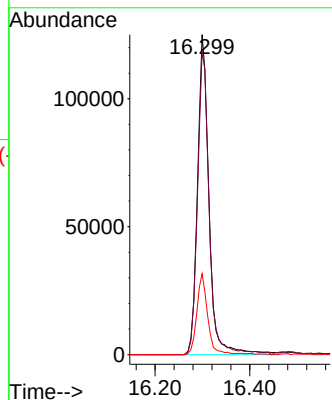
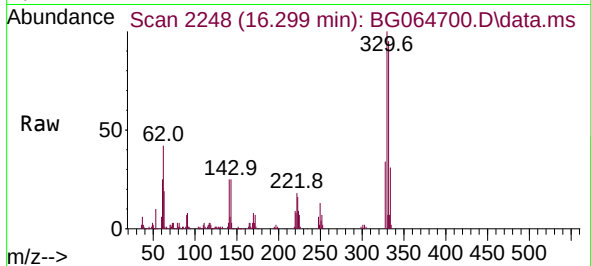




#42
2,4,6-Tribromophenol
Concen: 150.472 ng
RT: 16.299 min Scan# 21
Delta R.T. -0.020 min
Lab File: BG064700.D
Acq: 6 Nov 2025 12:54

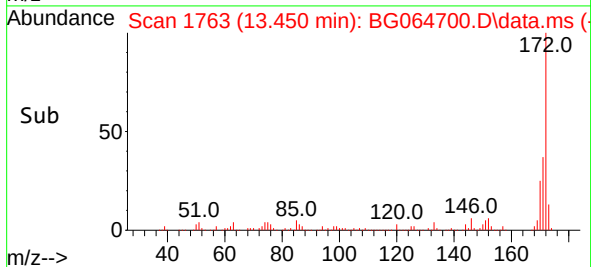
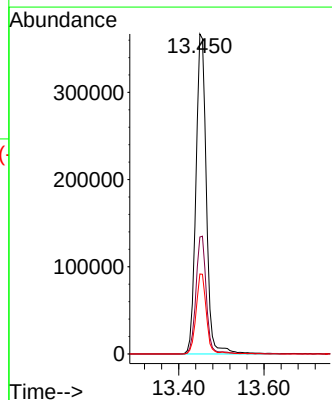
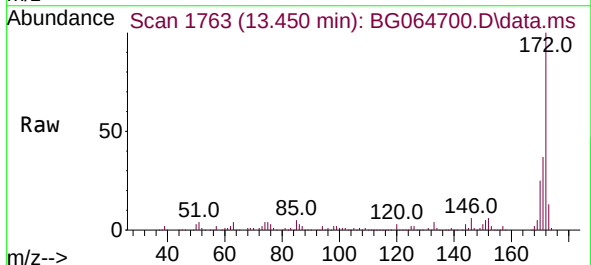
Instrument :
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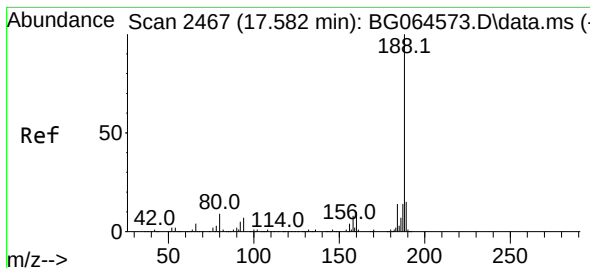
Tgt Ion:330 Resp: 211400
Ion Ratio Lower Upper
330 100
332 95.5 78.0 117.0
141 23.4 21.8 32.6



#45
2-Fluorobiphenyl
Concen: 96.891 ng
RT: 13.450 min Scan# 1763
Delta R.T. -0.026 min
Lab File: BG064700.D
Acq: 6 Nov 2025 12:54

Tgt Ion:172 Resp: 622227
Ion Ratio Lower Upper
172 100
171 36.5 29.4 44.0
170 25.0 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.557 min Scan# 2462

Delta R.T. -0.026 min

Lab File: BG064700.D

Acq: 6 Nov 2025 12:54

Instrument :

BNA_G

ClientSampleId :

PB170421BL

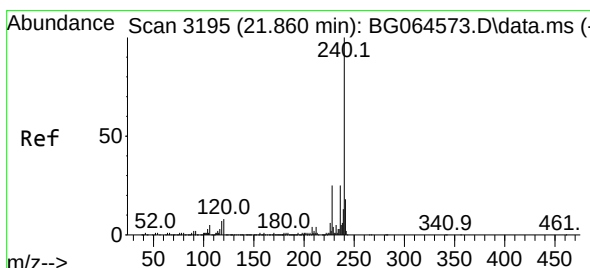
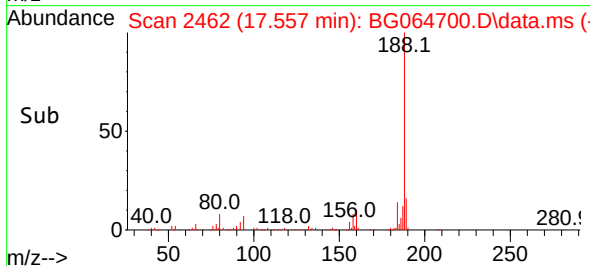
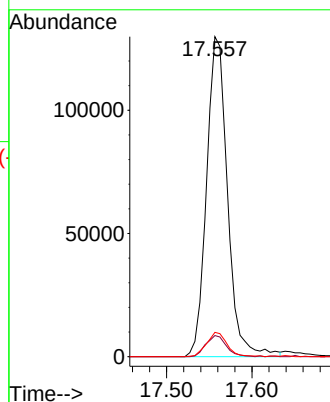
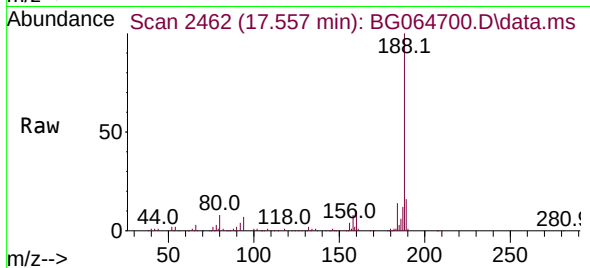
Tgt Ion:188 Resp: 221511

Ion Ratio Lower Upper

188 100

94 6.6 5.7 8.5

80 7.6 6.8 10.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.828 min Scan# 3189

Delta R.T. -0.032 min

Lab File: BG064700.D

Acq: 6 Nov 2025 12:54

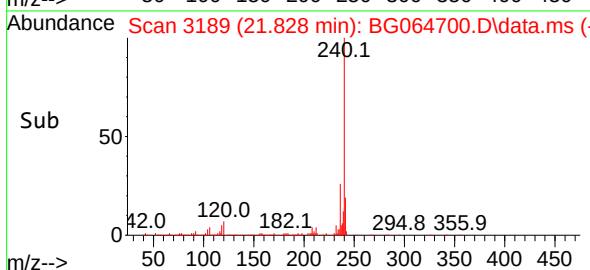
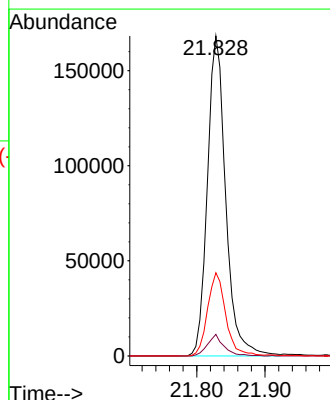
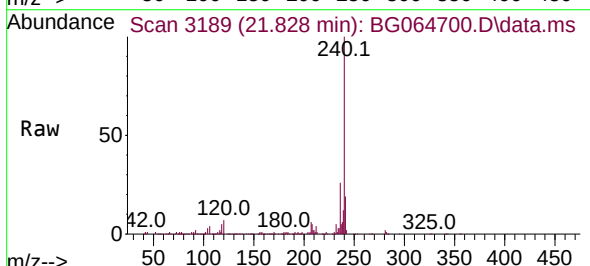
Tgt Ion:240 Resp: 313090

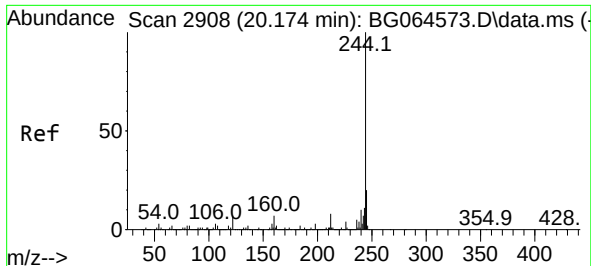
Ion Ratio Lower Upper

240 100

120 6.7 6.5 9.7

236 26.0 20.2 30.2

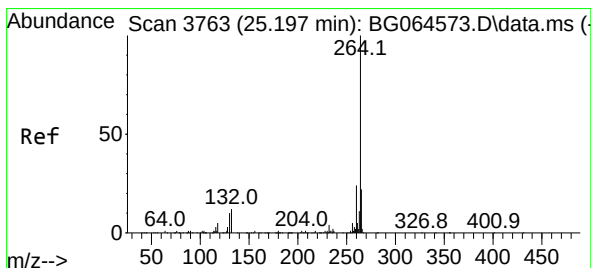
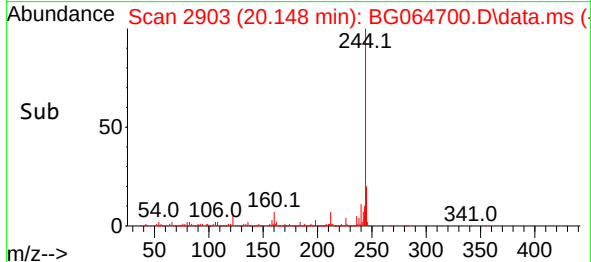
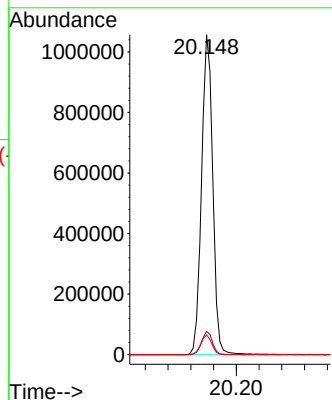
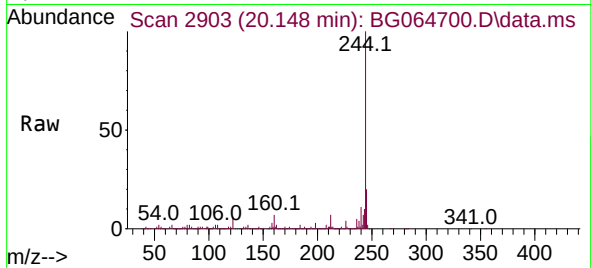




#79
 Terphenyl-d14
 Concen: 86.721 ng
 RT: 20.148 min Scan# 2908
 Delta R.T. -0.026 min
 Lab File: BG064700.D
 Acq: 6 Nov 2025 12:54

Instrument :
 BNA_G
 ClientSampleId :
 PB170421BL

Tgt Ion:244 Resp: 1438748
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 6.1 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.154 min Scan# 3755
 Delta R.T. -0.044 min
 Lab File: BG064700.D
 Acq: 6 Nov 2025 12:54

Tgt Ion:264 Resp: 340836
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 23.0 17.6 26.4

