

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103025\
 Data File : BG064642.D
 Acq On : 30 Oct 2025 15:41
 Operator : RC/JU
 Sample : PB170323BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170323BL

Quant Time: Oct 30 16:18:48 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	21649	20.000	ng	0.00
21) Naphthalene-d8	11.043	136	83743	20.000	ng	0.00
39) Acenaphthene-d10	14.839	164	66118	20.000	ng	0.00
64) Phenanthrene-d10	17.577	188	170386	20.000	ng	0.00
76) Chrysene-d12	21.848	240	228482	20.000	ng	#-0.02
86) Perylene-d12	25.186	264	257901	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.750	112	197370	153.025	ng	0.00
7) Phenol-d6	7.354	99	274158	154.904	ng	0.00
23) Nitrobenzene-d5	9.381	82	170356	122.184	ng	0.00
42) 2,4,6-Tribromophenol	16.314	330	179879	188.497	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	450760	103.336	ng	0.00
79) Terphenyl-d14	20.168	244	1177251	97.236	ng	0.00

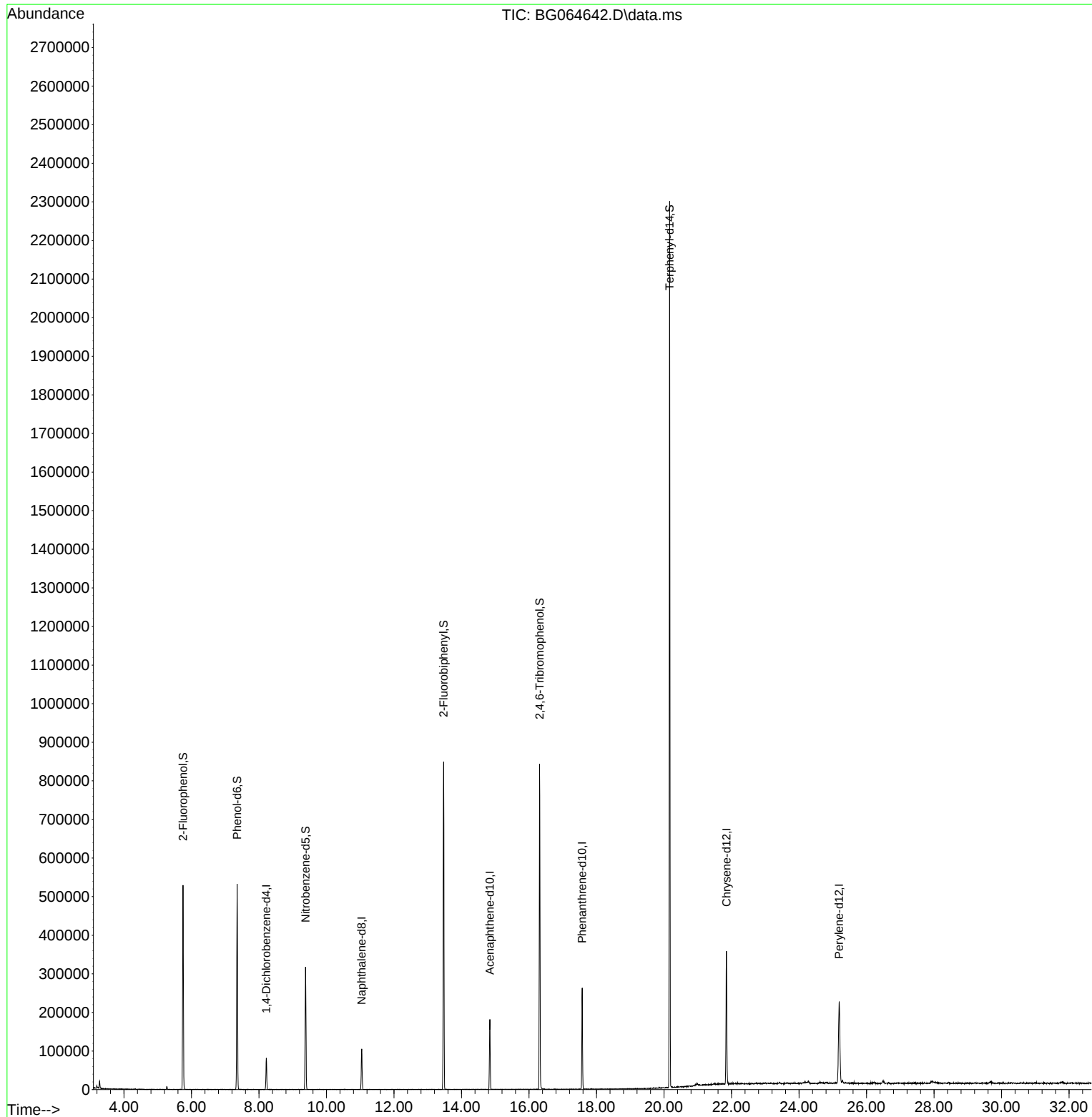
Target Compounds	Qvalue

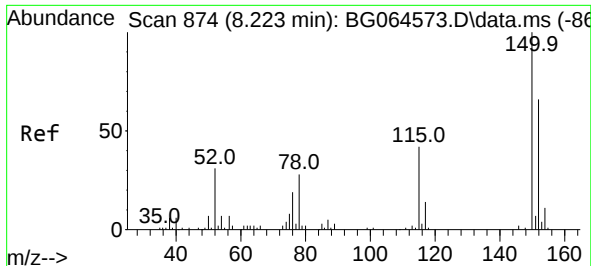
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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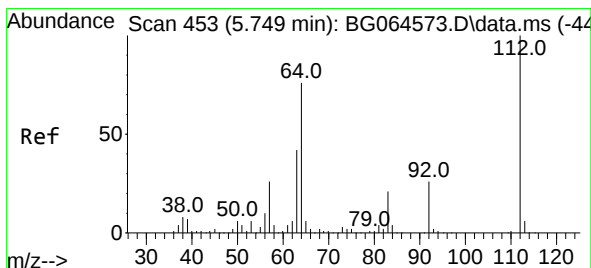
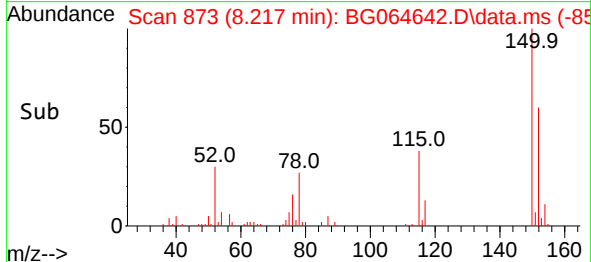
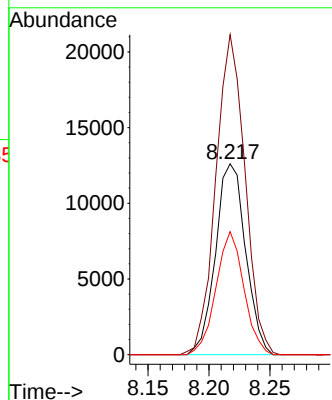
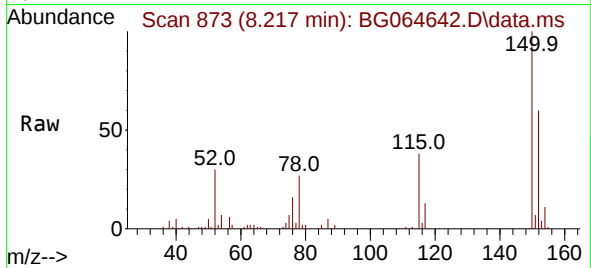




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.217 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG064642.D
Acq: 30 Oct 2025 15:41

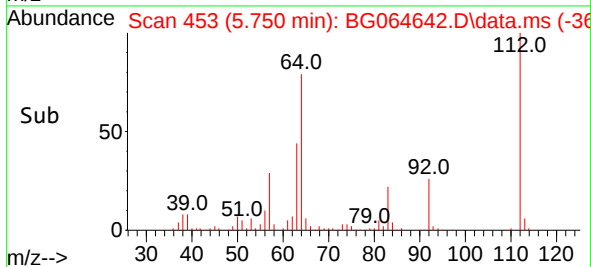
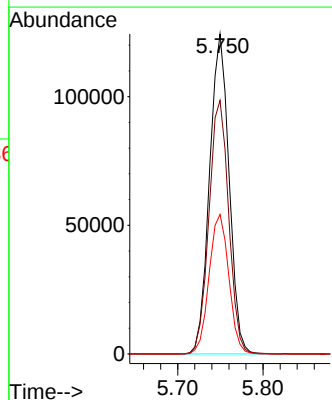
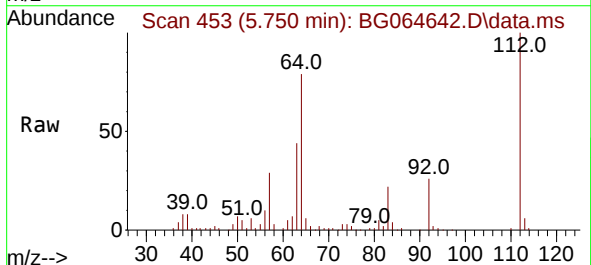
Instrument :
BNA_G
ClientSampleId :
PB170323BL

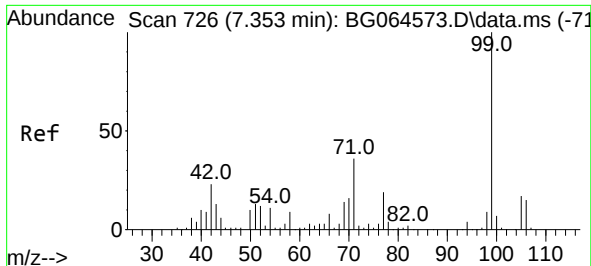
Tgt Ion:152 Resp: 21649
Ion Ratio Lower Upper
152 100
150 167.6 122.2 183.4
115 64.5 50.8 76.2



#5
2-Fluorophenol
Concen: 153.025 ng
RT: 5.750 min Scan# 453
Delta R.T. 0.003 min
Lab File: BG064642.D
Acq: 30 Oct 2025 15:41

Tgt Ion:112 Resp: 197370
Ion Ratio Lower Upper
112 100
64 79.3 60.7 91.1
63 43.6 33.4 50.0

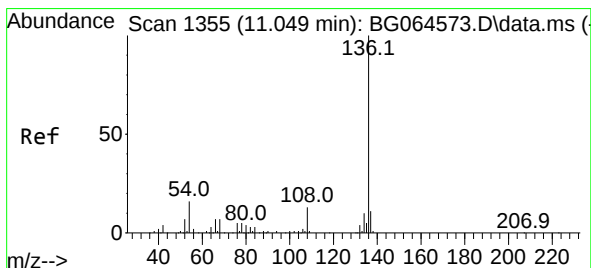
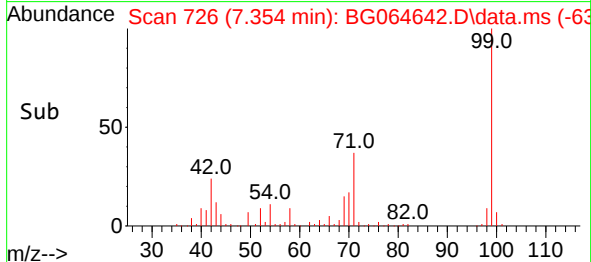
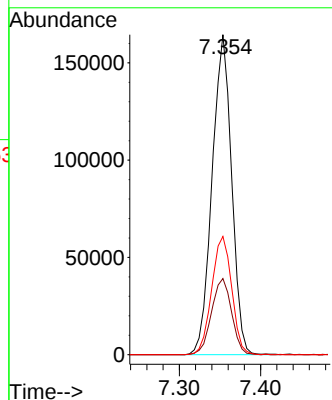
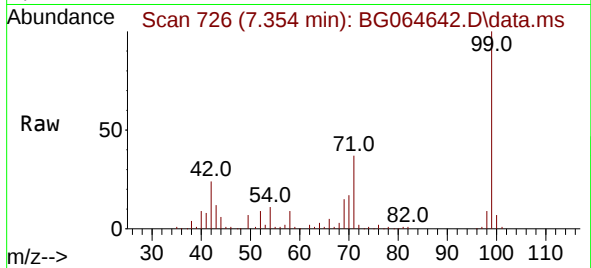




#7
Phenol-d6
Concen: 154.904 ng
RT: 7.354 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG064642.D
Acq: 30 Oct 2025 15:41

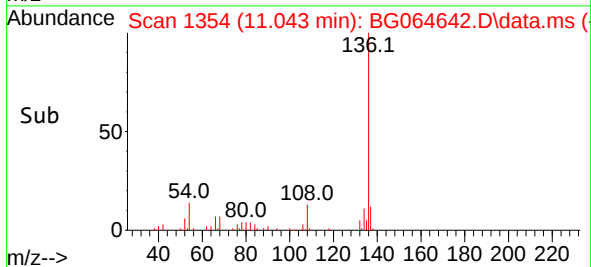
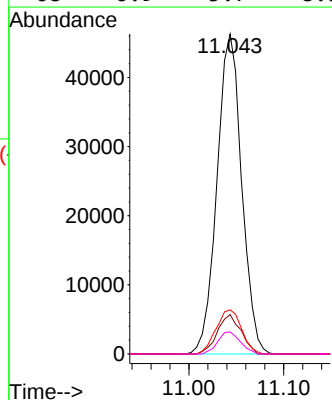
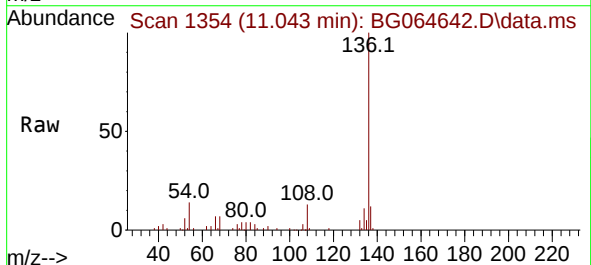
Instrument :
BNA_G
ClientSampleId :
PB170323BL

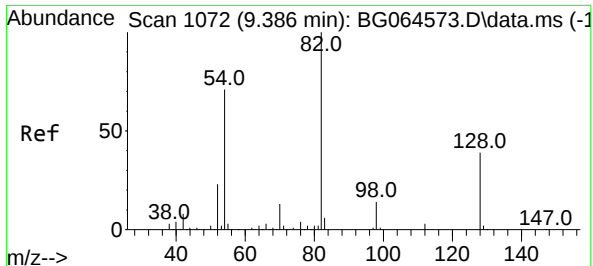
Tgt Ion: 99 Resp: 274158
Ion Ratio Lower Upper
99 100
42 23.8 18.3 27.5
71 36.9 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.043 min Scan# 1354
Delta R.T. -0.009 min
Lab File: BG064642.D
Acq: 30 Oct 2025 15:41

Tgt Ion:136 Resp: 83743
Ion Ratio Lower Upper
136 100
137 12.3 9.2 13.8
54 13.8 12.6 19.0
68 6.9 5.7 8.5





#23

Nitrobenzene-d5

Concen: 122.184 ng

RT: 9.381 min Scan# 1072

Delta R.T. -0.009 min

Lab File: BG064642.D

Acq: 30 Oct 2025 15:41

Instrument :

BNA_G

ClientSampleId :

PB170323BL

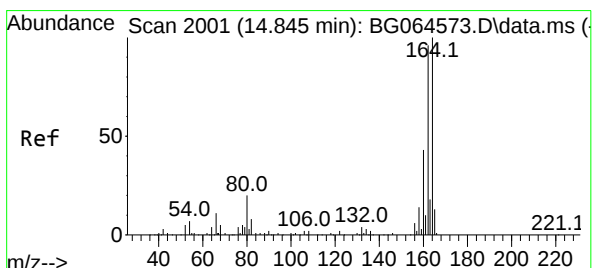
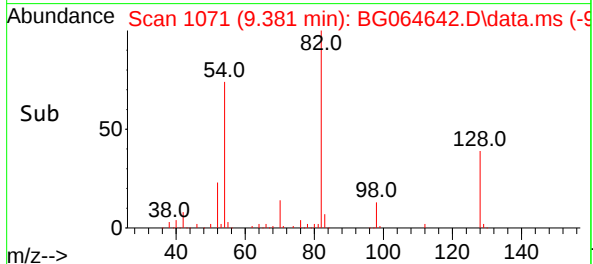
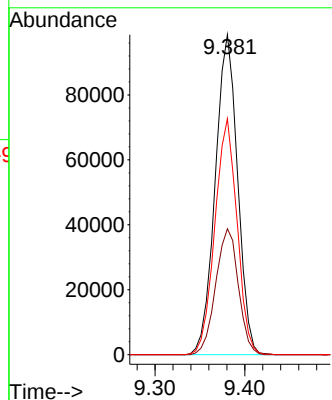
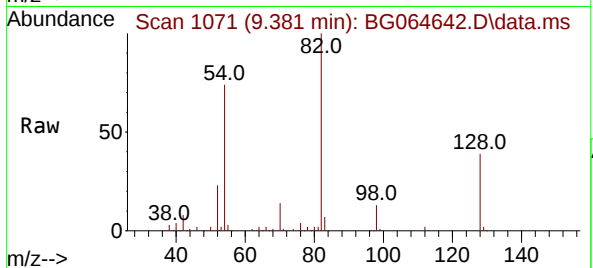
Tgt Ion: 82 Resp: 170356

Ion Ratio Lower Upper

82 100

128 39.3 31.3 46.9

54 73.7 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: BG064642.D

Acq: 30 Oct 2025 15:41

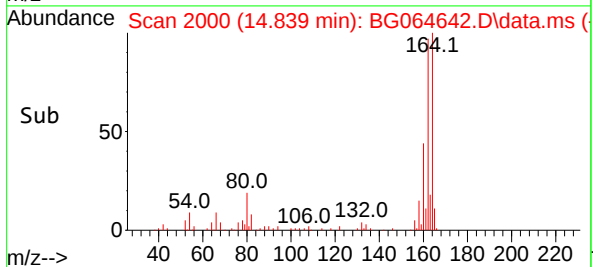
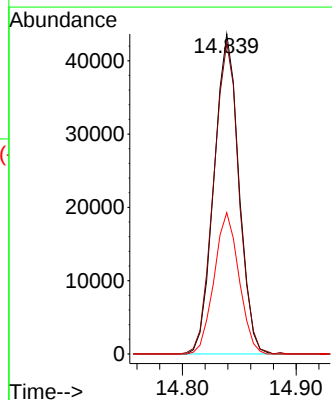
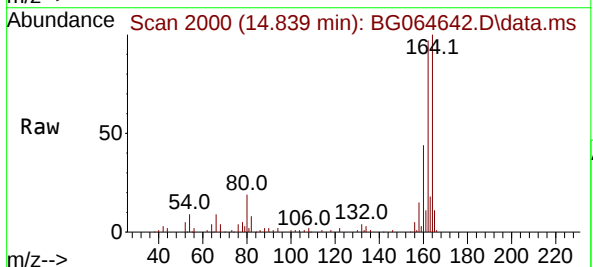
Tgt Ion:164 Resp: 66118

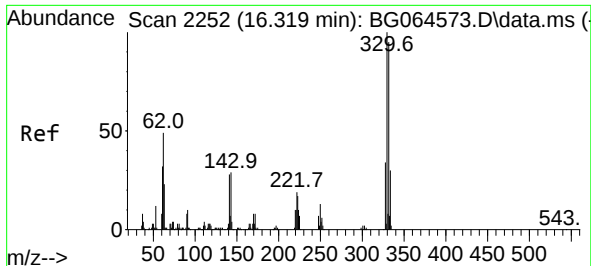
Ion Ratio Lower Upper

164 100

162 97.3 77.0 115.6

160 44.1 34.4 51.6

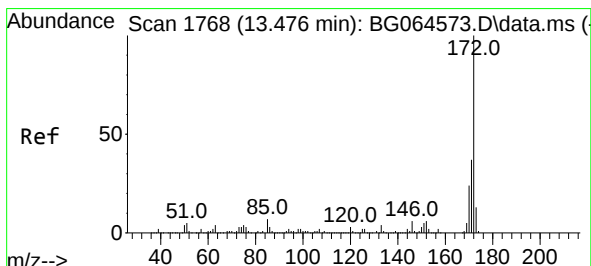
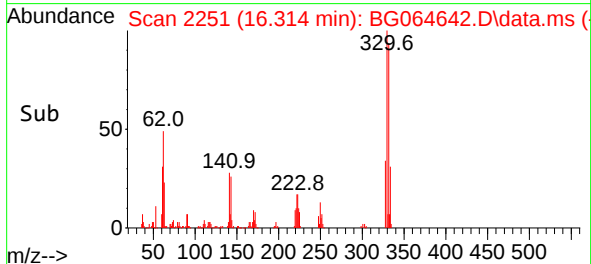
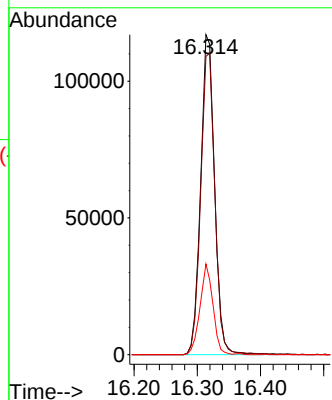
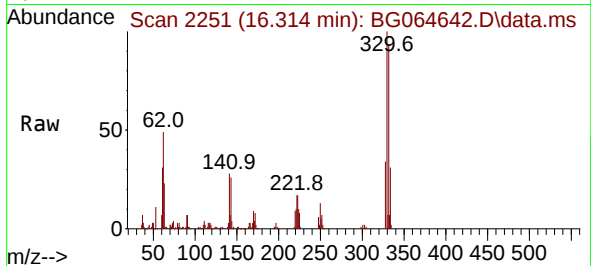




#42
2,4,6-Tribromophenol
Concen: 188.497 ng
RT: 16.314 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG064642.D
Acq: 30 Oct 2025 15:41

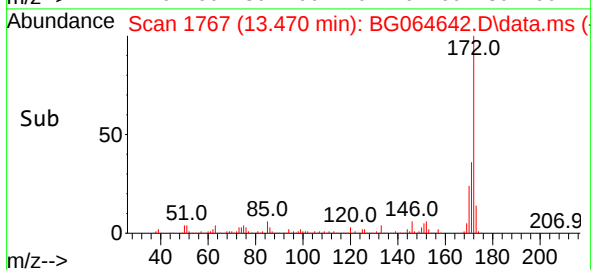
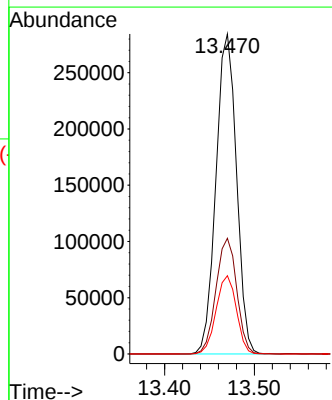
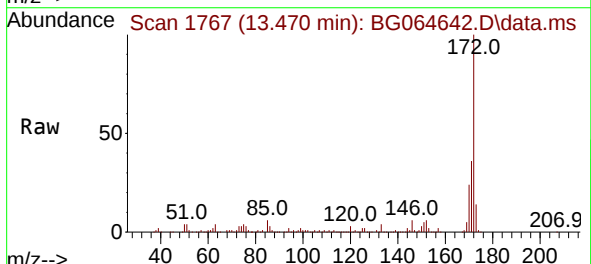
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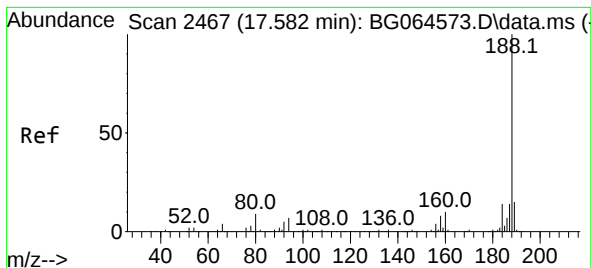
Tgt Ion:330 Resp: 179879
Ion Ratio Lower Upper
330 100
332 95.7 78.0 117.0
141 26.3 21.8 32.6



#45
2-Fluorobiphenyl
Concen: 103.336 ng
RT: 13.470 min Scan# 1767
Delta R.T. -0.009 min
Lab File: BG064642.D
Acq: 30 Oct 2025 15:41

Tgt Ion:172 Resp: 450760
Ion Ratio Lower Upper
172 100
171 36.2 29.4 44.0
170 24.4 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: BG064642.D

Acq: 30 Oct 2025 15:41

Instrument :

BNA_G

ClientSampleId :

PB170323BL

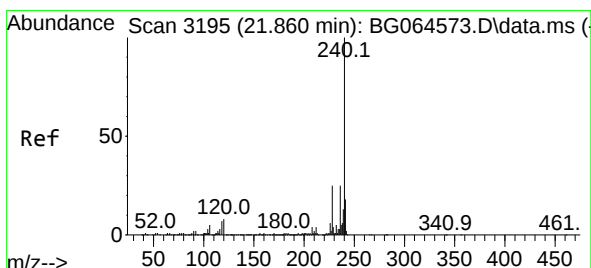
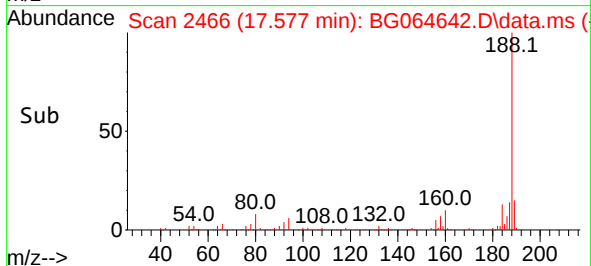
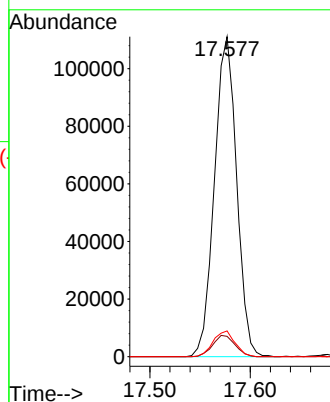
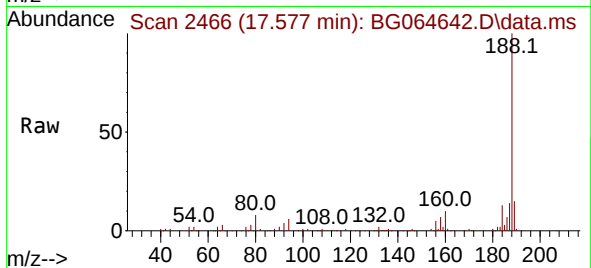
Tgt Ion:188 Resp: 170386

Ion Ratio Lower Upper

188 100

94 6.4 5.7 8.5

80 8.1 6.8 10.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.848 min Scan# 3193

Delta R.T. -0.015 min

Lab File: BG064642.D

Acq: 30 Oct 2025 15:41

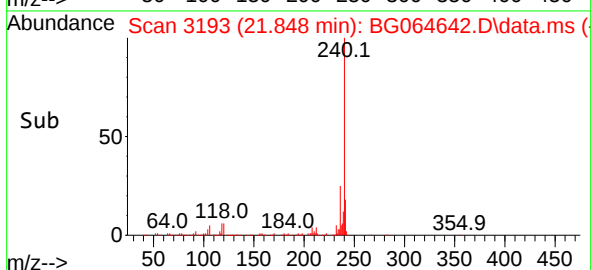
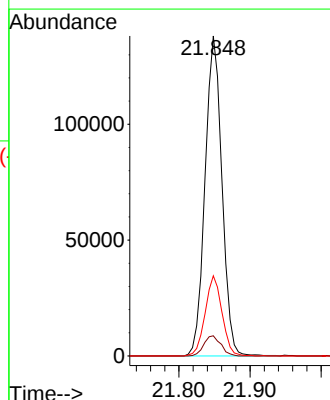
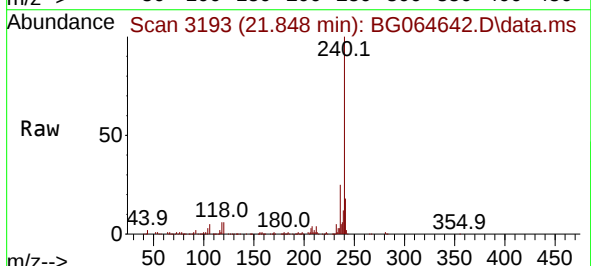
Tgt Ion:240 Resp: 228482

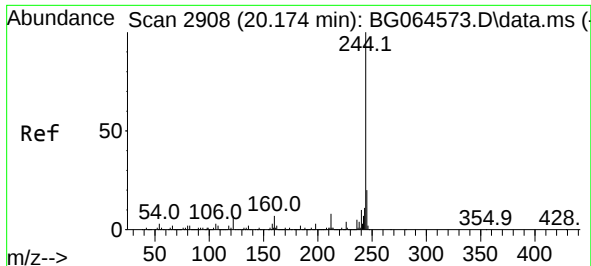
Ion Ratio Lower Upper

240 100

120 6.3 6.5 9.7#

236 25.1 20.2 30.2

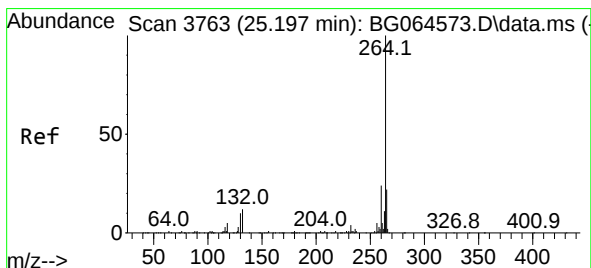
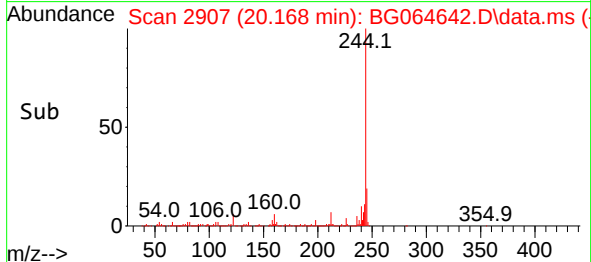
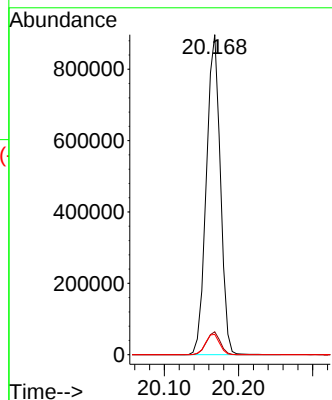
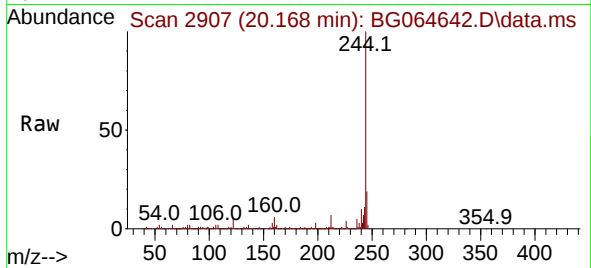




#79
 Terphenyl-d14
 Concen: 97.236 ng
 RT: 20.168 min Scan# 2907
 Delta R.T. -0.009 min
 Lab File: BG064642.D
 Acq: 30 Oct 2025 15:41

Instrument :
 BNA_G
 ClientSampleId :
 PB170323BL

Tgt Ion:244 Resp: 1177251
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 6.3 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: BG064642.D
 Acq: 30 Oct 2025 15:41

Tgt Ion:264 Resp: 257901
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.0 28.4
 265 21.7 17.6 26.4

