

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103025\
 Data File : BG064640.D
 Acq On : 30 Oct 2025 14:20
 Operator : RC/JU
 Sample : PB170306BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170306BL

Quant Time: Oct 30 14:55:28 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	32217	20.000	ng	0.00
21) Naphthalene-d8	11.043	136	123586	20.000	ng	0.00
39) Acenaphthene-d10	14.839	164	94645	20.000	ng	0.00
64) Phenanthrene-d10	17.576	188	239353	20.000	ng	0.00
76) Chrysene-d12	21.848	240	316253	20.000	ng	-0.02
86) Perylene-d12	25.191	264	368142	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.749	112	266892	139.050	ng	0.00
7) Phenol-d6	7.353	99	362549	137.652	ng	0.00
23) Nitrobenzene-d5	9.380	82	232633	113.059	ng	0.00
42) 2,4,6-Tribromophenol	16.319	330	237638	173.965	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	598057	95.779	ng	0.00
79) Terphenyl-d14	20.168	244	1519944	90.699	ng	0.00

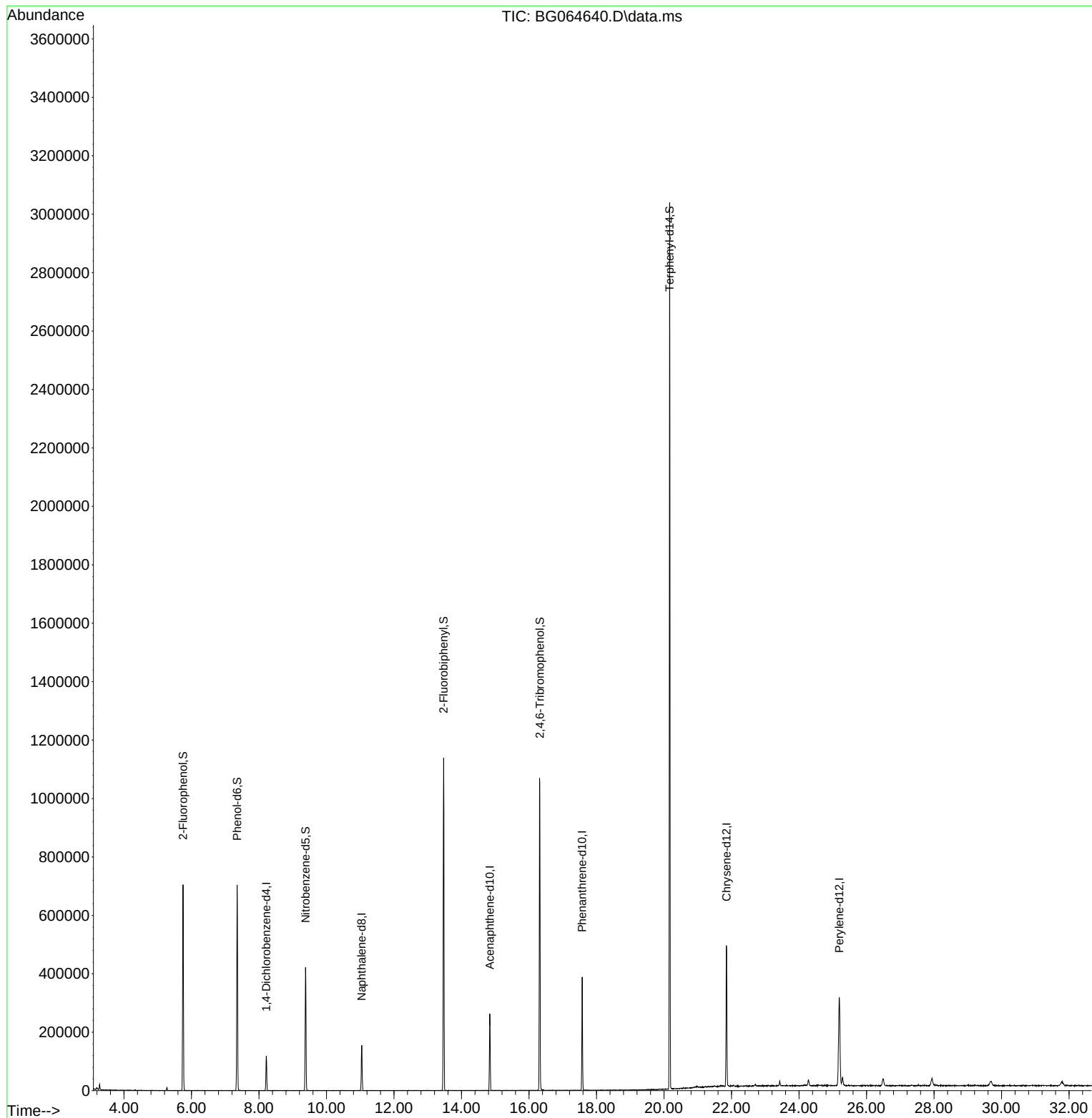
Target Compounds	Qvalue

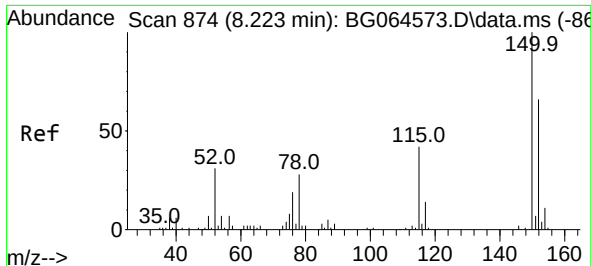
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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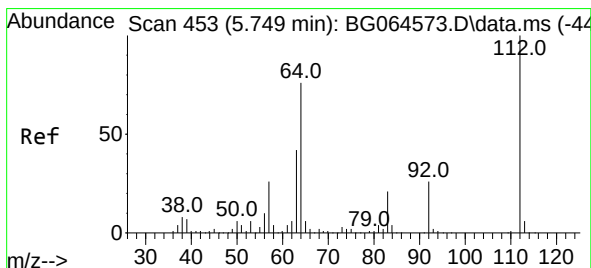
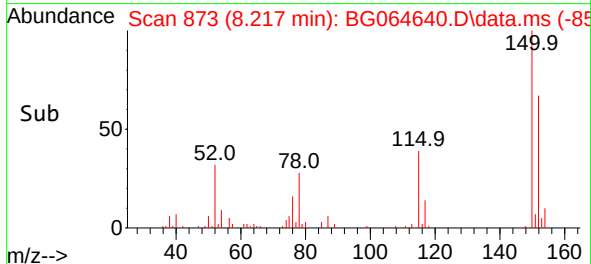
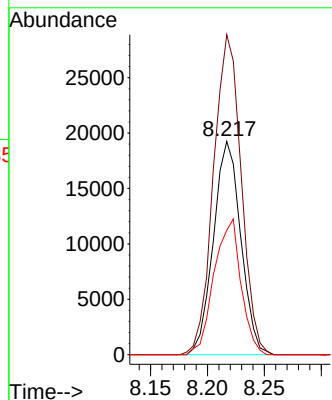
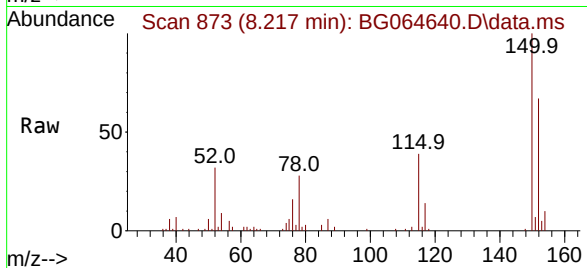




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.217 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG064640.D
Acq: 30 Oct 2025 14:20

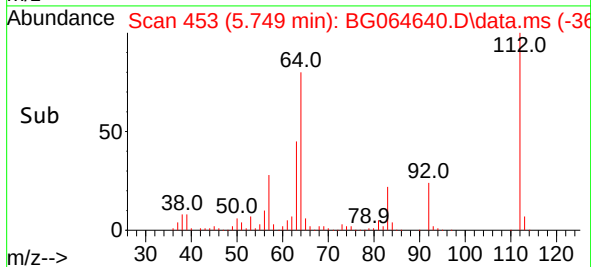
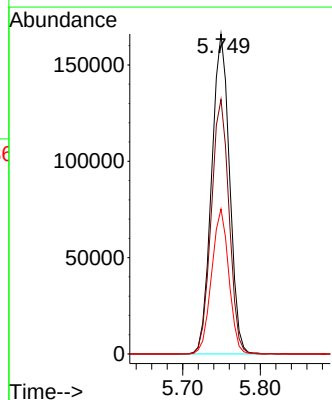
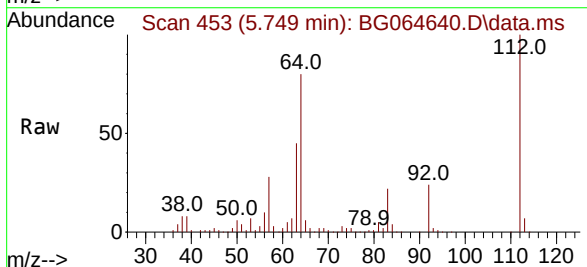
Instrument :
BNA_G
ClientSampleId :
PB170306BL

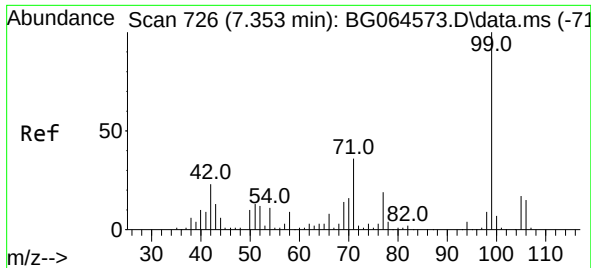
Tgt Ion:152 Resp: 32217
Ion Ratio Lower Upper
152 100
150 150.0 122.2 183.4
115 58.3 50.8 76.2



#5
2-Fluorophenol
Concen: 139.050 ng
RT: 5.749 min Scan# 453
Delta R.T. 0.002 min
Lab File: BG064640.D
Acq: 30 Oct 2025 14:20

Tgt Ion:112 Resp: 266892
Ion Ratio Lower Upper
112 100
64 79.5 60.7 91.1
63 45.3 33.4 50.0

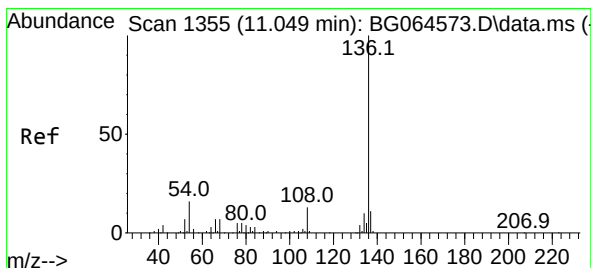
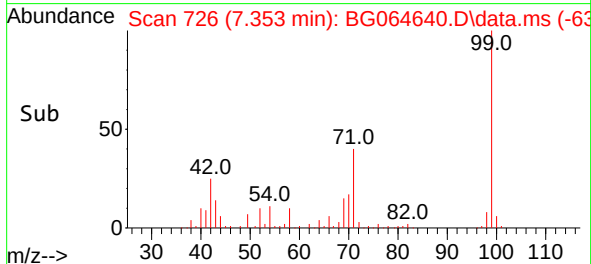
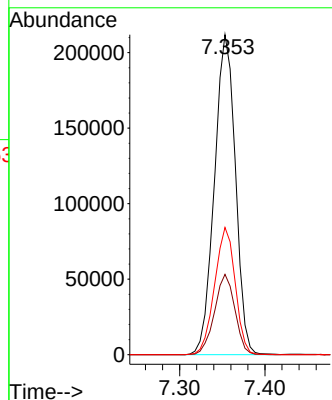
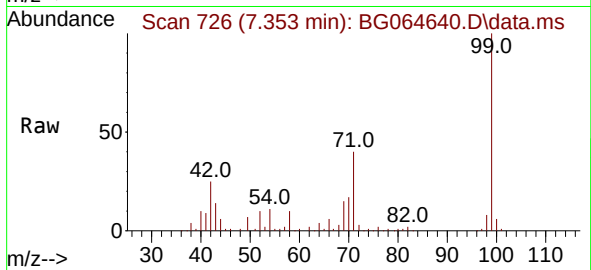




#7
Phenol-d6
Concen: 137.652 ng
RT: 7.353 min Scan# 71
Delta R.T. -0.004 min
Lab File: BG064640.D
Acq: 30 Oct 2025 14:20

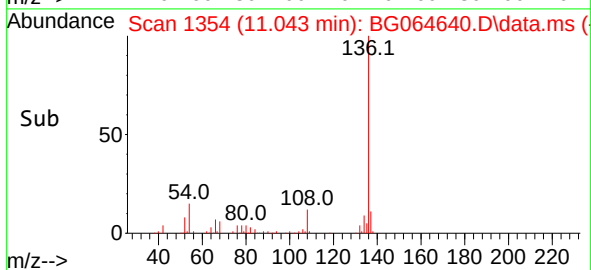
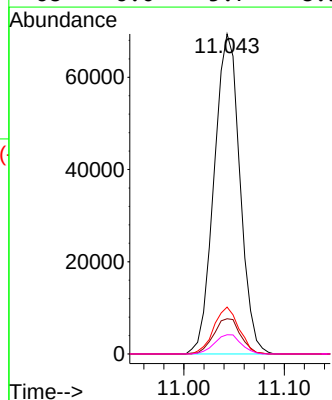
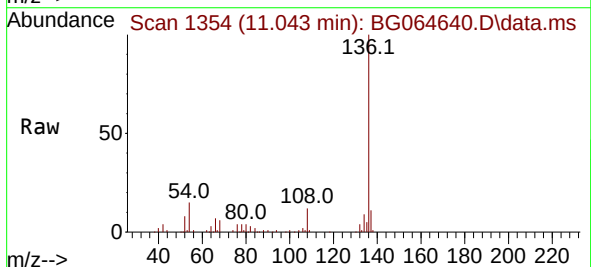
Instrument :
BNA_G
ClientSampleId :
PB170306BL

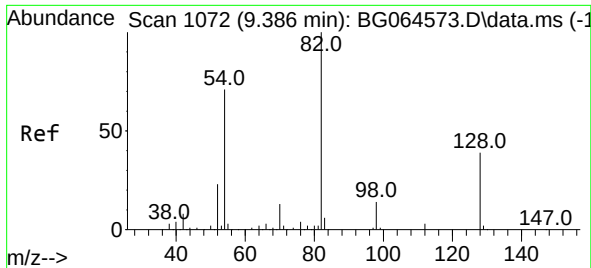
Tgt Ion: 99 Resp: 362549
Ion Ratio Lower Upper
99 100
42 25.1 18.3 27.5
71 39.7 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.043 min Scan# 1354
Delta R.T. -0.010 min
Lab File: BG064640.D
Acq: 30 Oct 2025 14:20

Tgt Ion:136 Resp: 123586
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 14.6 12.6 19.0
68 6.0 5.7 8.5





#23

Nitrobenzene-d5

Concen: 113.059 ng

RT: 9.380 min Scan# 1072

Delta R.T. -0.010 min

Lab File: BG064640.D

Acq: 30 Oct 2025 14:20

Instrument :

BNA_G

ClientSampleId :

PB170306BL

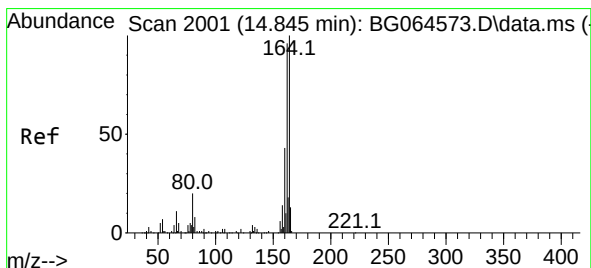
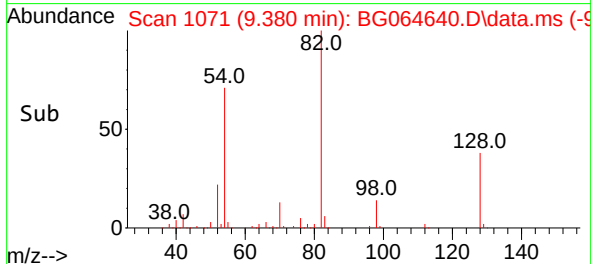
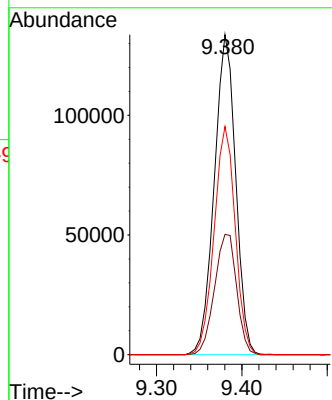
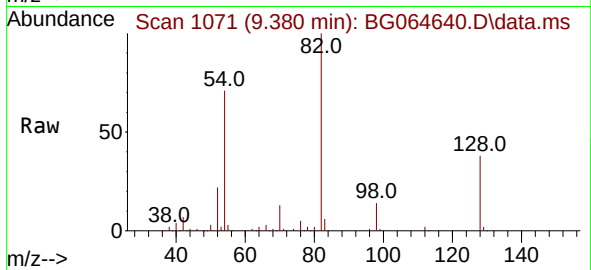
Tgt Ion: 82 Resp: 232633

Ion Ratio Lower Upper

82 100

128 37.6 31.3 46.9

54 71.3 56.6 84.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.839 min Scan# 2000

Delta R.T. -0.004 min

Lab File: BG064640.D

Acq: 30 Oct 2025 14:20

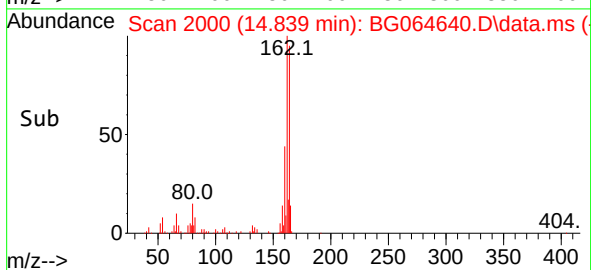
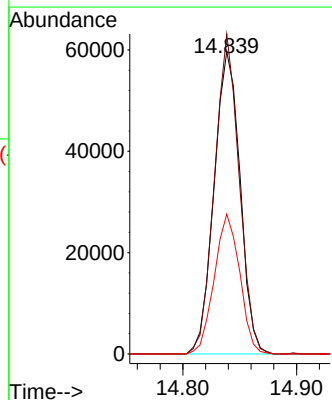
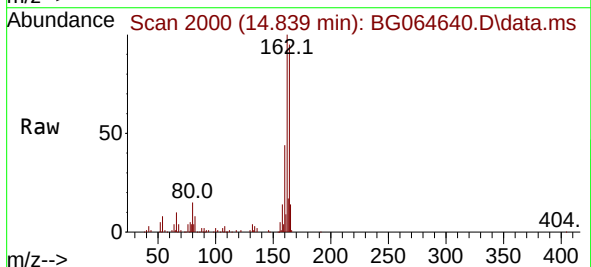
Tgt Ion:164 Resp: 94645

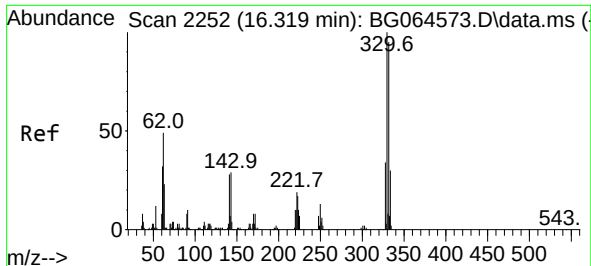
Ion Ratio Lower Upper

164 100

162 105.8 77.0 115.6

160 46.2 34.4 51.6

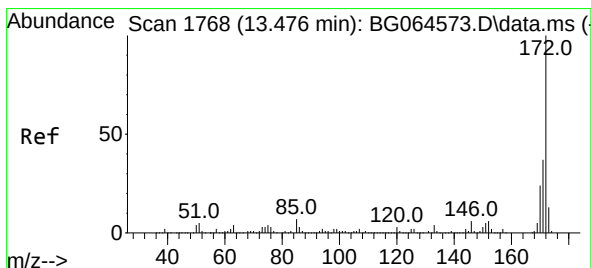
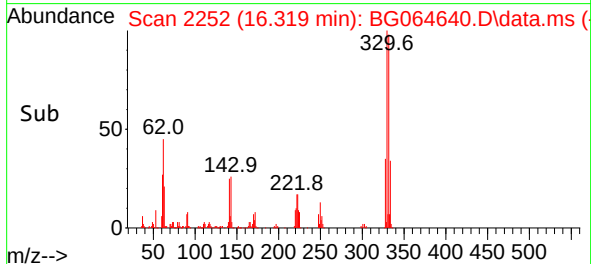
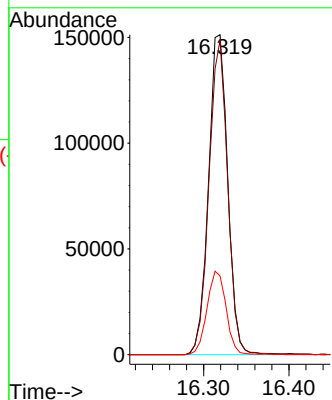
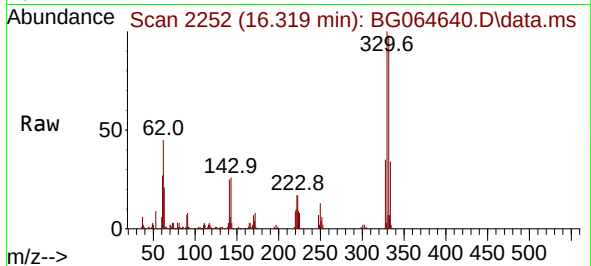




#42
2,4,6-Tribromophenol
Concen: 173.965 ng
RT: 16.319 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064640.D
Acq: 30 Oct 2025 14:20

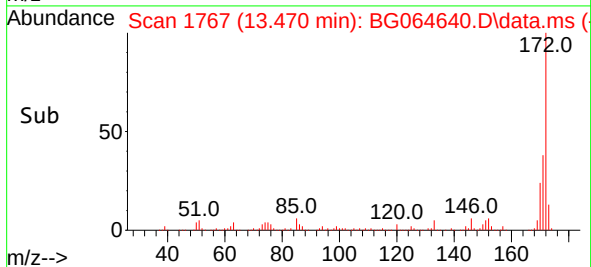
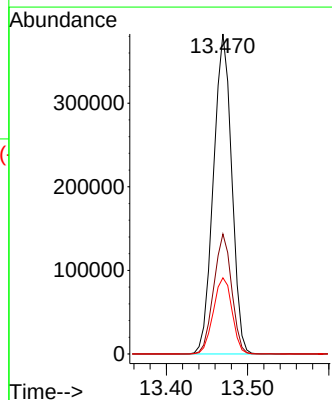
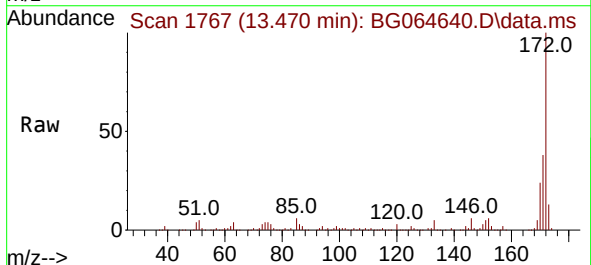
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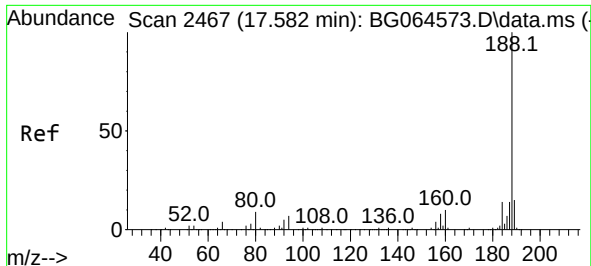
Tgt Ion:330 Resp: 237638
Ion Ratio Lower Upper
330 100
332 95.4 78.0 117.0
141 26.0 21.8 32.6



#45
2-Fluorobiphenyl
Concen: 95.779 ng
RT: 13.470 min Scan# 1767
Delta R.T. -0.009 min
Lab File: BG064640.D
Acq: 30 Oct 2025 14:20

Tgt Ion:172 Resp: 598057
Ion Ratio Lower Upper
172 100
171 37.5 29.4 44.0
170 23.8 19.1 28.7

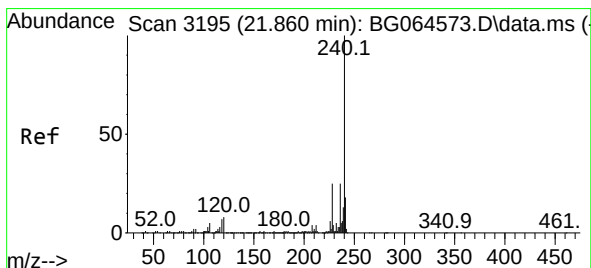
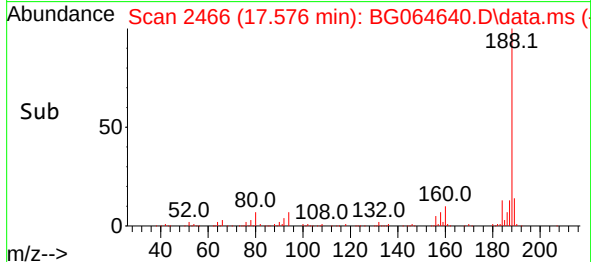
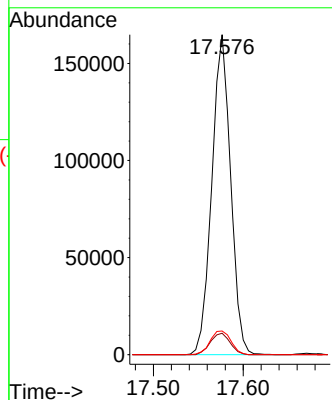
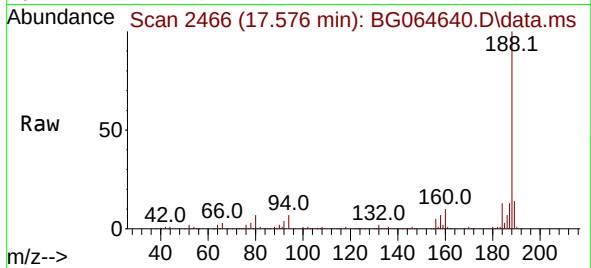




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.576 min Scan# 2466
Delta R.T. -0.003 min
Lab File: BG064640.D
Acq: 30 Oct 2025 14:20

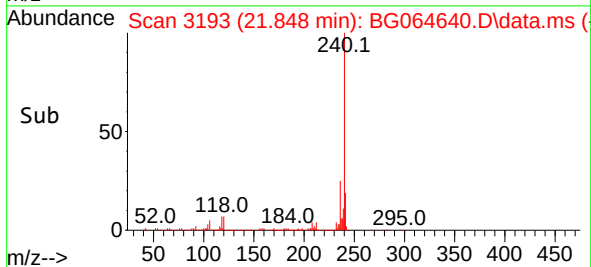
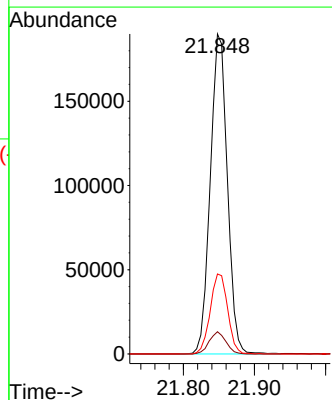
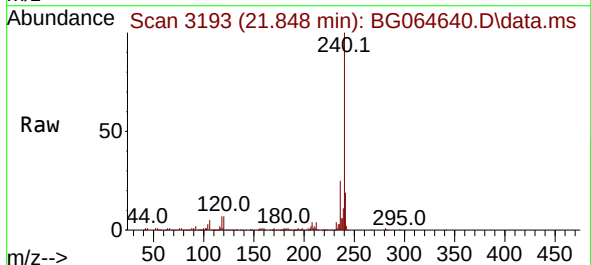
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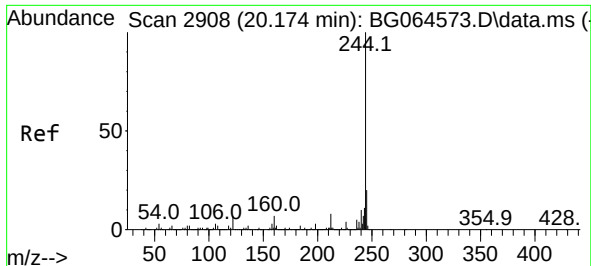
Tgt Ion:188 Resp: 239353
Ion Ratio Lower Upper
188 100
94 6.7 5.7 8.5
80 7.4 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.848 min Scan# 3193
Delta R.T. -0.015 min
Lab File: BG064640.D
Acq: 30 Oct 2025 14:20

Tgt Ion:240 Resp: 316253
Ion Ratio Lower Upper
240 100
120 7.0 6.5 9.7
236 25.0 20.2 30.2

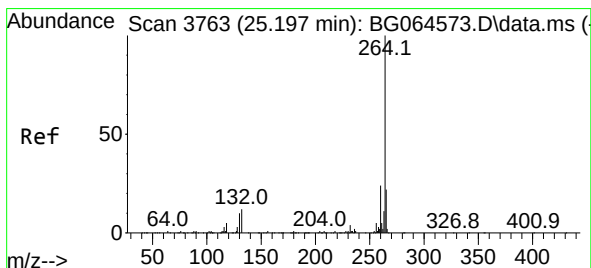
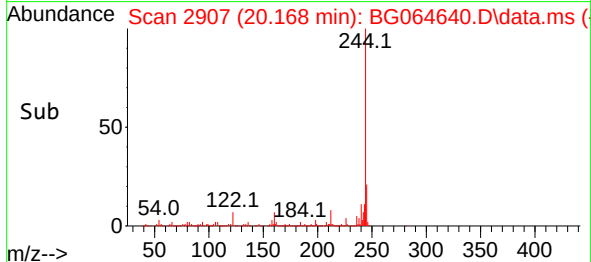
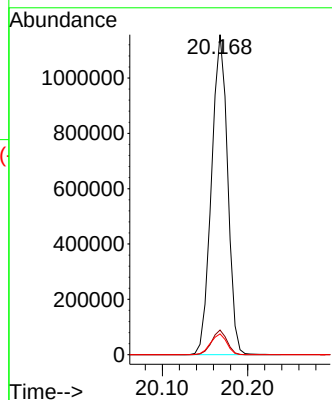
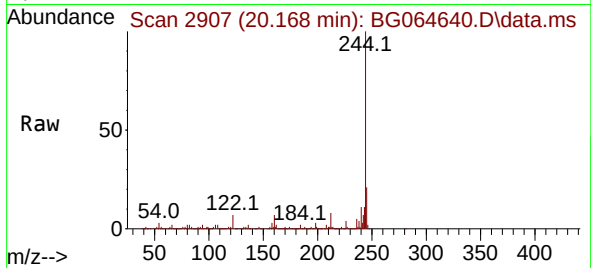




#79
 Terphenyl-d14
 Concen: 90.699 ng
 RT: 20.168 min Scan# 2907
 Delta R.T. -0.009 min
 Lab File: BG064640.D
 Acq: 30 Oct 2025 14:20

Instrument :
 BNA_G
 ClientSampleId :
 PB170306BL

Tgt Ion:244 Resp: 1519944
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 6.5 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.191 min Scan# 3762
 Delta R.T. -0.009 min
 Lab File: BG064640.D
 Acq: 30 Oct 2025 14:20

Tgt Ion:264 Resp: 368142
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.4
 265 21.8 17.6 26.4

