

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064579.D
 Acq On : 24 Oct 2025 18:08
 Operator : RC/JU
 Sample : Q3405-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAD-10-20-25-B

Quant Time: Oct 24 18:44:37 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	41405	20.000	ng	0.00
21) Naphthalene-d8	11.044	136	161271	20.000	ng	0.00
39) Acenaphthene-d10	14.839	164	132688	20.000	ng	0.00
64) Phenanthrene-d10	17.577	188	322915	20.000	ng	0.00
76) Chrysene-d12	21.854	240	335079	20.000	ng	0.00
86) Perylene-d12	25.198	264	363557	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	180380	73.123	ng	0.00
7) Phenol-d6	7.348	99	261537	77.265	ng	0.00
23) Nitrobenzene-d5	9.381	82	143596	53.480	ng	0.00
42) 2,4,6-Tribromophenol	16.320	330	134140	70.044	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	448518	51.236	ng	0.00
79) Terphenyl-d14	20.168	244	958557	53.986	ng	0.00

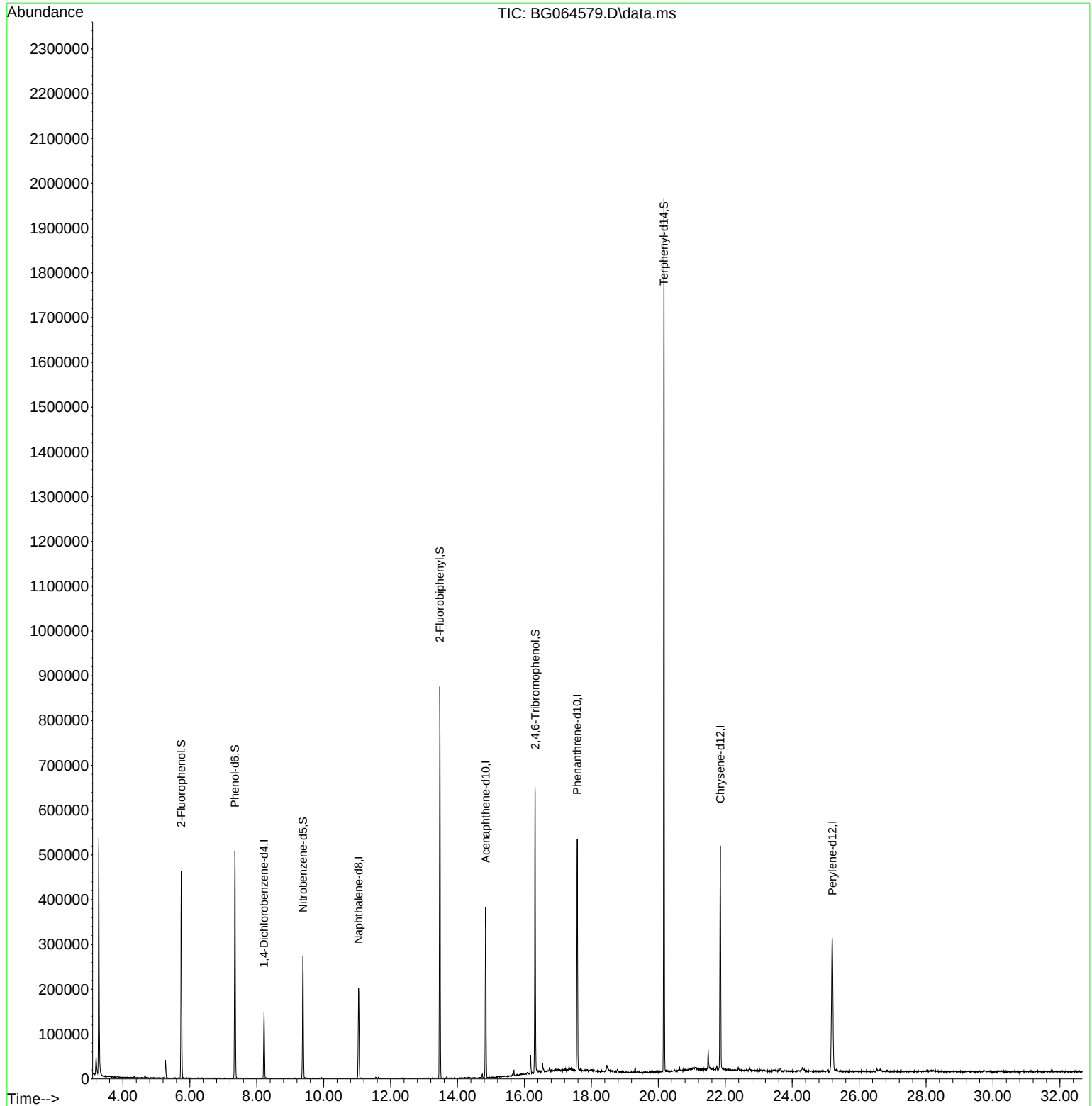
Target Compounds	Qvalue

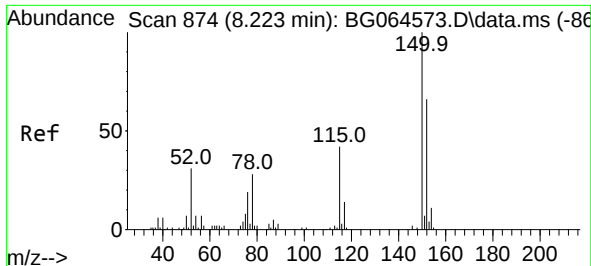
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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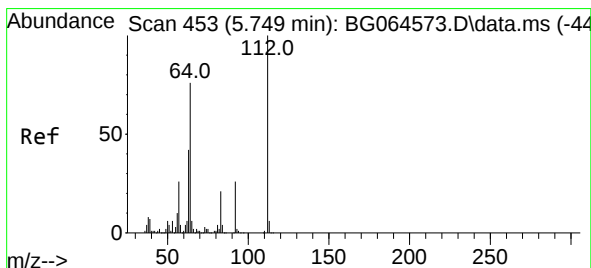
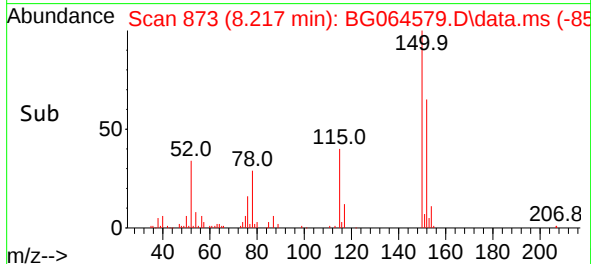
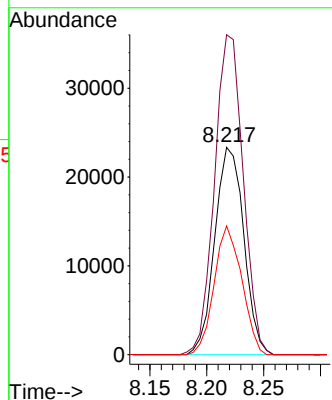
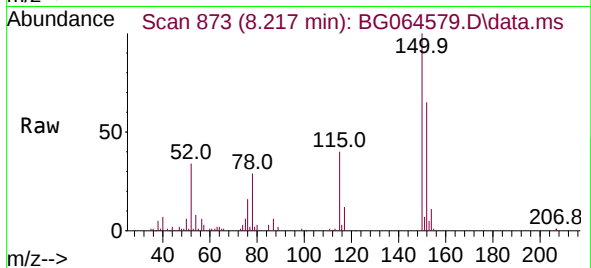




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.217 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG064579.D
Acq: 24 Oct 2025 18:08

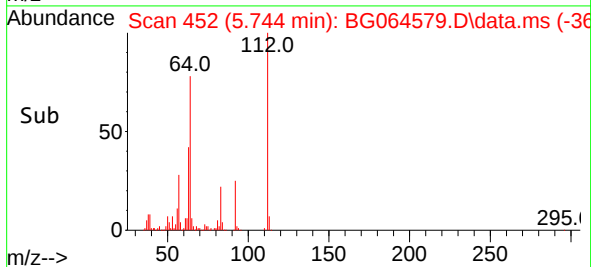
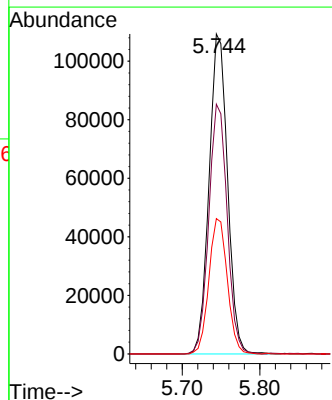
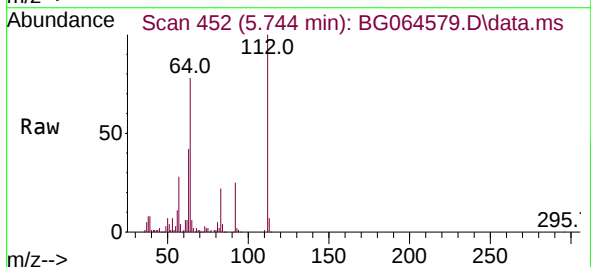
Instrument :
BNA_G
ClientSampleId :
PAD-10-20-25-B

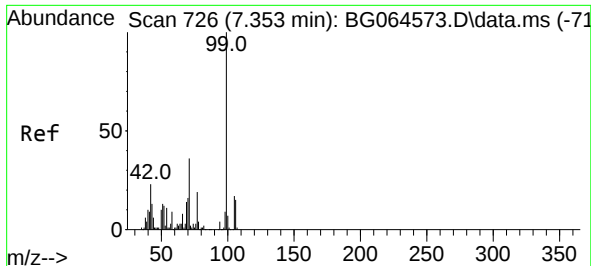
Tgt Ion:152 Resp: 41405
Ion Ratio Lower Upper
152 100
150 154.3 122.2 183.4
115 62.1 50.8 76.2



#5
2-Fluorophenol
Concen: 73.123 ng
RT: 5.744 min Scan# 452
Delta R.T. -0.003 min
Lab File: BG064579.D
Acq: 24 Oct 2025 18:08

Tgt Ion:112 Resp: 180380
Ion Ratio Lower Upper
112 100
64 78.0 60.7 91.1
63 42.3 33.4 50.0





#7
Phenol-d6
Concen: 77.265 ng
RT: 7.348 min Scan# 71
Delta R.T. -0.009 min
Lab File: BG064579.D
Acq: 24 Oct 2025 18:08

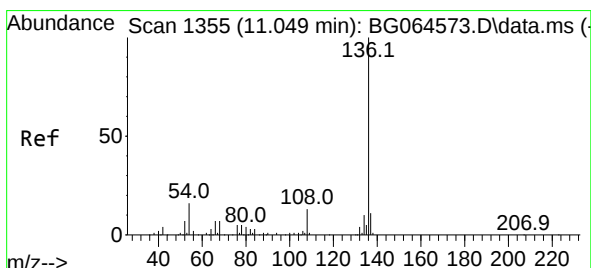
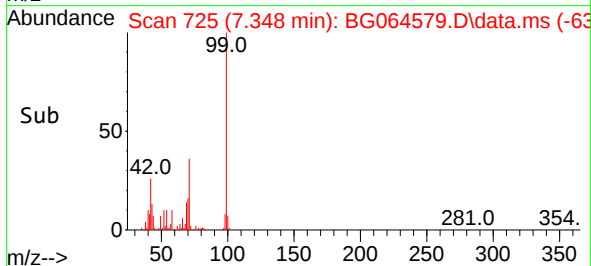
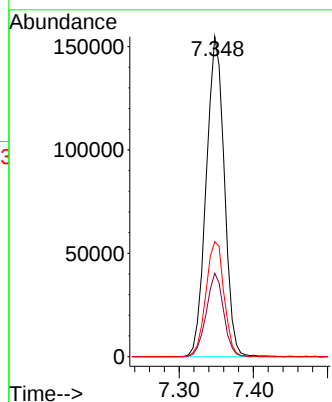
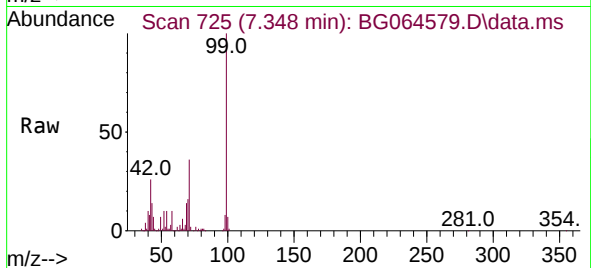
Instrument :

BNA_G

ClientSampleId :

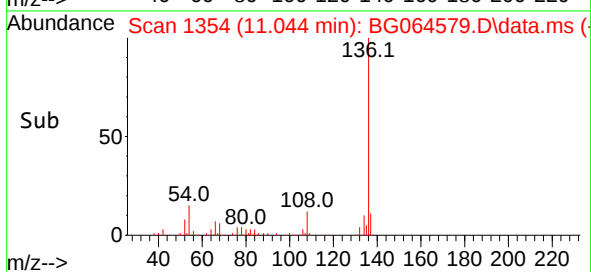
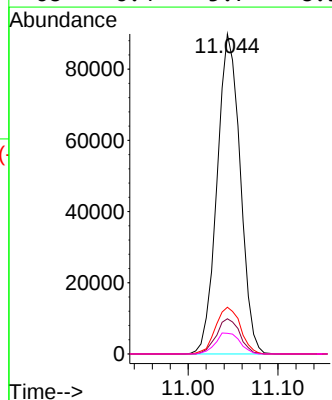
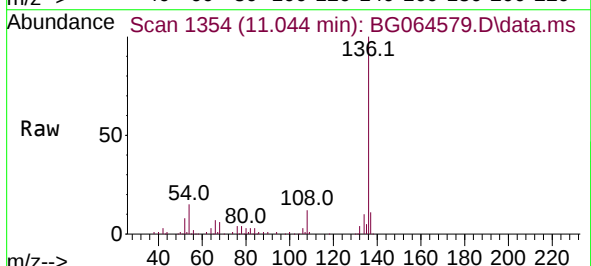
PAD-10-20-25-B

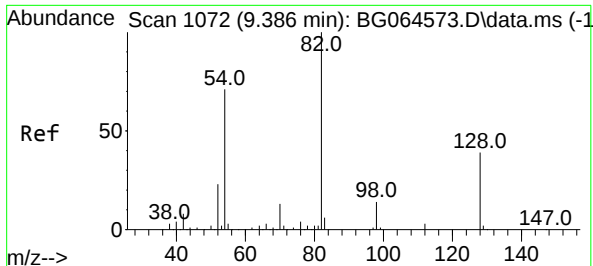
Tgt Ion: 99 Resp: 261537
Ion Ratio Lower Upper
99 100
42 26.0 18.3 27.5
71 35.9 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.044 min Scan# 1354
Delta R.T. -0.009 min
Lab File: BG064579.D
Acq: 24 Oct 2025 18:08

Tgt Ion: 136 Resp: 161271
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 14.6 12.6 19.0
68 6.4 5.7 8.5





#23

Nitrobenzene-d5

Concen: 53.480 ng

RT: 9.381 min Scan# 10

Delta R.T. -0.009 min

Lab File: BG064579.D

Acq: 24 Oct 2025 18:08

Instrument :

BNA_G

ClientSampleId :

PAD-10-20-25-B

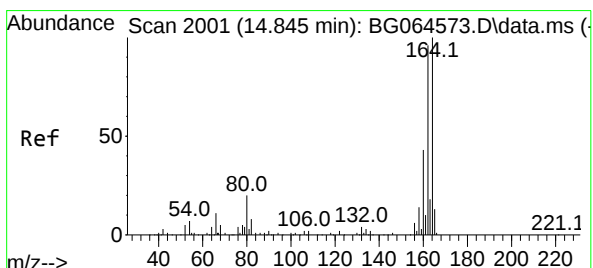
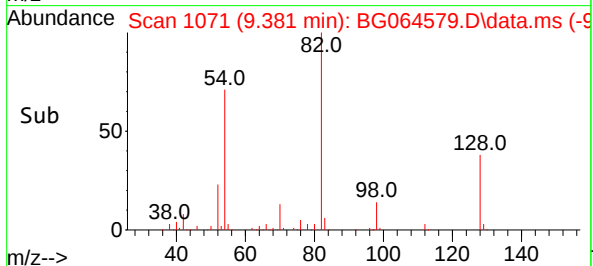
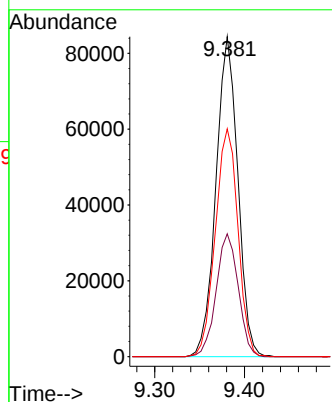
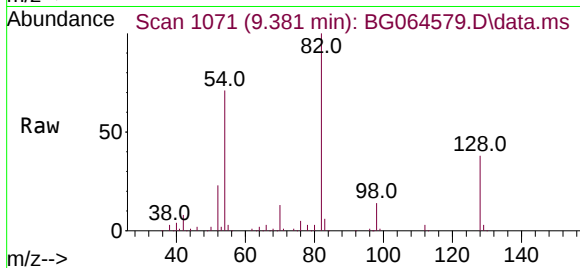
Tgt Ion: 82 Resp: 143596

Ion Ratio Lower Upper

82 100

128 38.4 31.3 46.9

54 71.2 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: BG064579.D

Acq: 24 Oct 2025 18:08

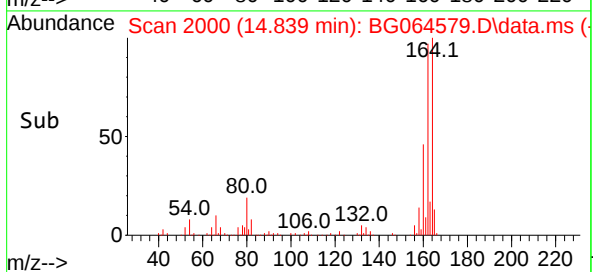
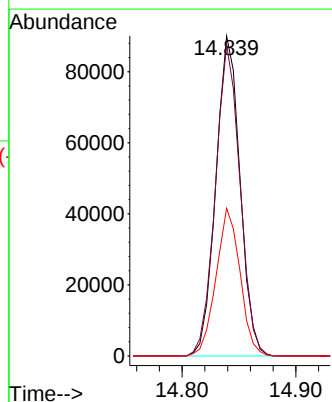
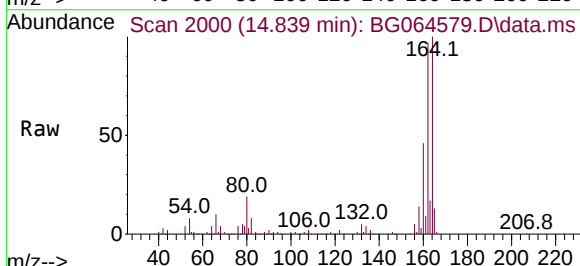
Tgt Ion: 164 Resp: 132688

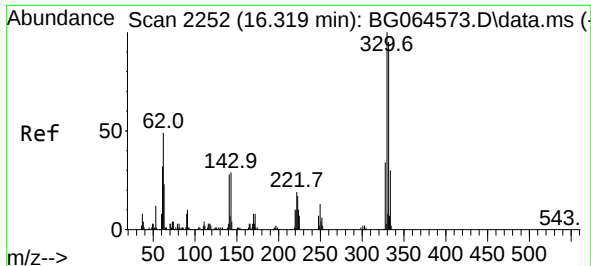
Ion Ratio Lower Upper

164 100

162 97.3 77.0 115.6

160 46.1 34.4 51.6

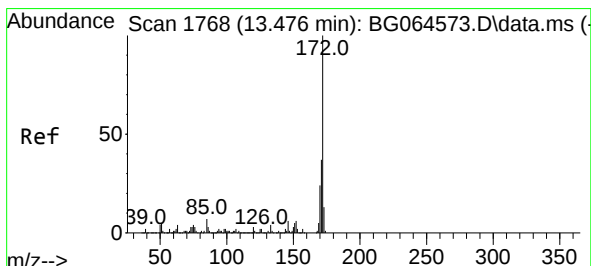
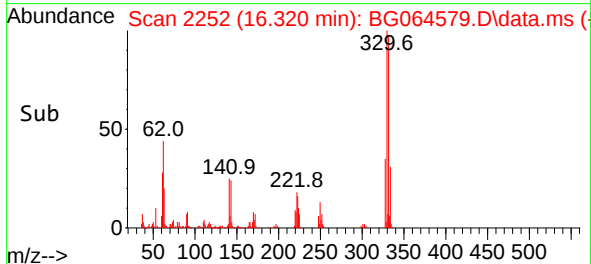
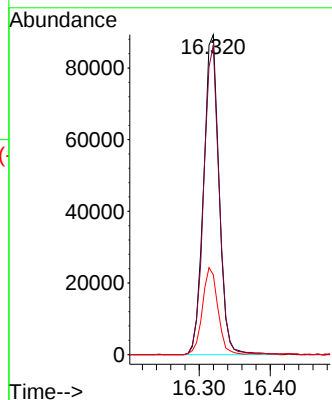
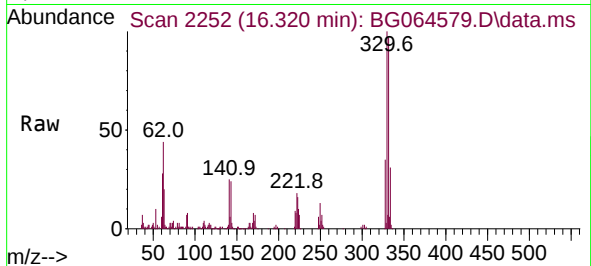




#42
2,4,6-Tribromophenol
Concen: 70.044 ng
RT: 16.320 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064579.D
Acq: 24 Oct 2025 18:08

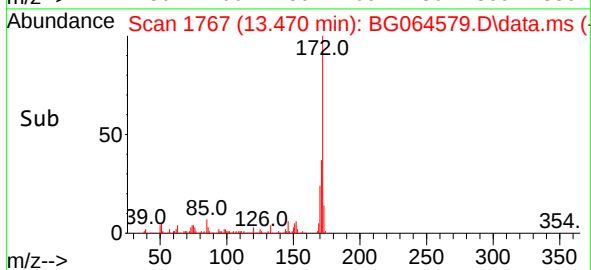
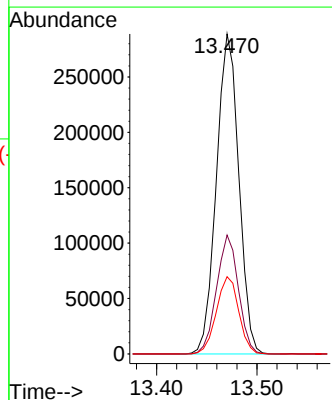
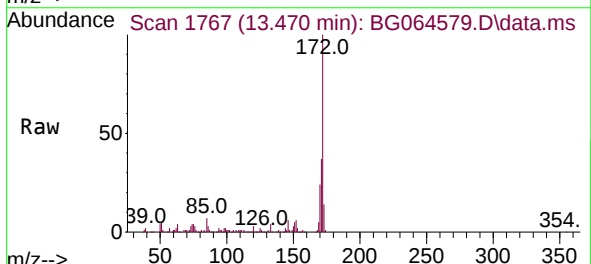
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PAD-10-20-25-B

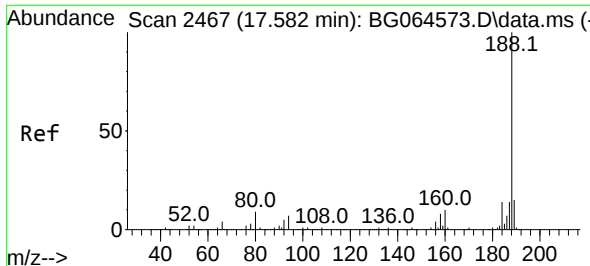
Tgt Ion:330 Resp: 134140
Ion Ratio Lower Upper
330 100
332 96.9 78.0 117.0
141 27.2 21.8 32.6



#45
2-Fluorobiphenyl
Concen: 51.236 ng
RT: 13.470 min Scan# 1767
Delta R.T. -0.009 min
Lab File: BG064579.D
Acq: 24 Oct 2025 18:08

Tgt Ion:172 Resp: 448518
Ion Ratio Lower Upper
172 100
171 37.1 29.4 44.0
170 24.1 19.1 28.7

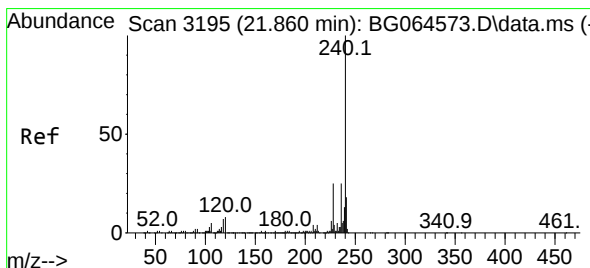
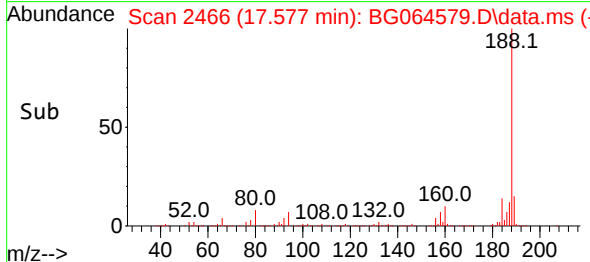
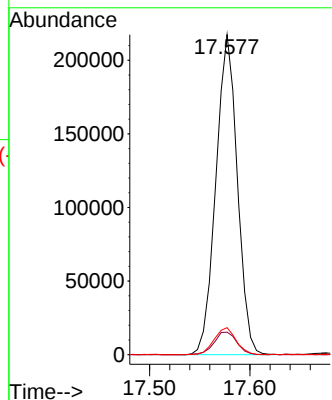
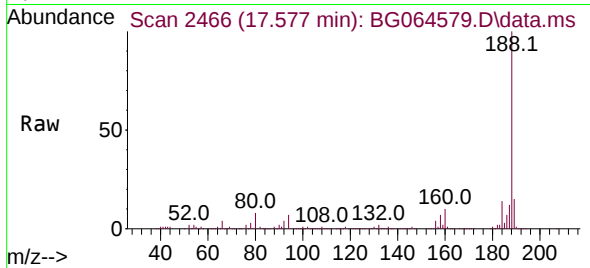




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.577 min Scan# 2466
Delta R.T. -0.003 min
Lab File: BG064579.D
Acq: 24 Oct 2025 18:08

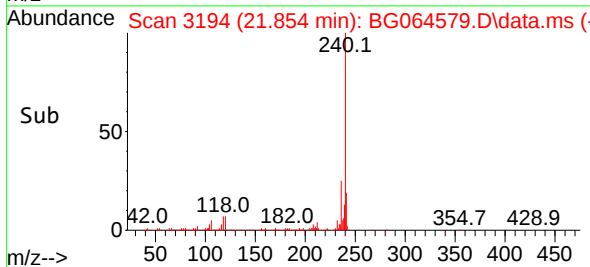
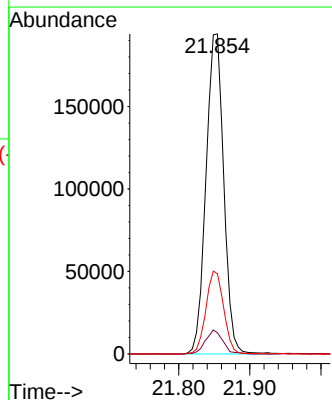
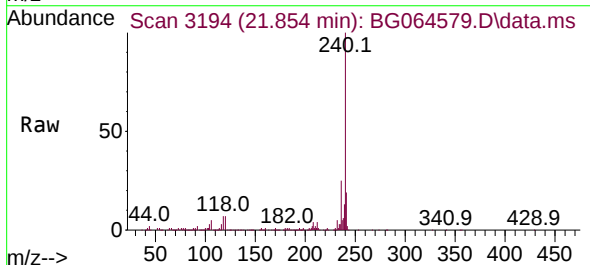
Instrument :
BNA_G
ClientSampleId :
PAD-10-20-25-B

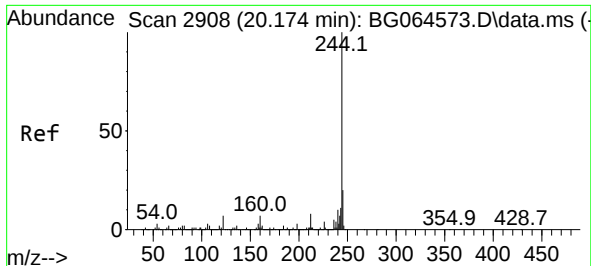
Tgt Ion:188 Resp: 322915
Ion Ratio Lower Upper
188 100
94 7.0 5.7 8.5
80 8.4 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.854 min Scan# 3194
Delta R.T. -0.009 min
Lab File: BG064579.D
Acq: 24 Oct 2025 18:08

Tgt Ion:240 Resp: 335079
Ion Ratio Lower Upper
240 100
120 6.6 6.5 9.7
236 25.0 20.2 30.2

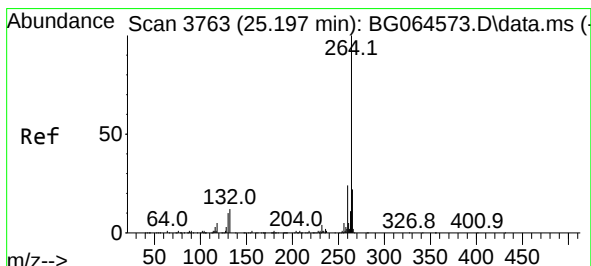
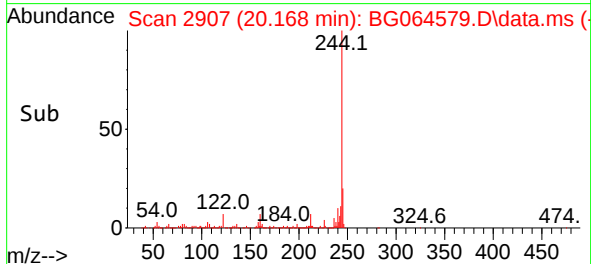
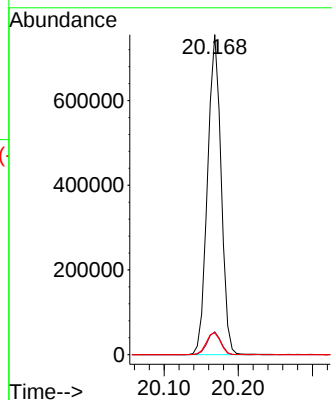
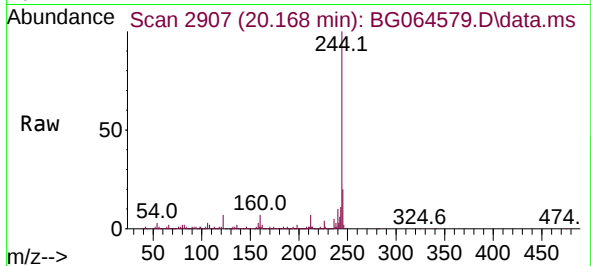




#79
 Terphenyl-d14
 Concen: 53.986 ng
 RT: 20.168 min Scan# 2908
 Delta R.T. -0.009 min
 Lab File: BG064579.D
 Acq: 24 Oct 2025 18:08

Instrument :
 BNA_G
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 PAD-10-20-25-B

Tgt Ion:244 Resp: 958557
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 6.8 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: BG064579.D
 Acq: 24 Oct 2025 18:08

Tgt Ion:264 Resp: 363557
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.4
 265 21.2 17.6 26.4

