

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064580.D
 Acq On : 24 Oct 2025 18:49
 Operator : RC/JU
 Sample : Q3405-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Oct 24 23:43:57 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	8.218	152	48458	20.000	ng	0.00
21) Naphthalene-d8	11.044	136	193929	20.000	ng	0.00
39) Acenaphthene-d10	14.845	164	132259	20.000	ng	0.00
64) Phenanthrene-d10	17.595	188	237344	20.000	ng	# 0.01
76) Chrysene-d12	21.860	240	281521	20.000	ng	0.00
86) Perylene-d12	25.198	264	296923	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.750	112	193348	66.972	ng	0.00
7) Phenol-d6	7.348	99	275677	69.588	ng	0.00
23) Nitrobenzene-d5	9.381	82	168554	52.204	ng	0.00
42) 2,4,6-Tribromophenol	16.326	330	124610	65.279	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	496140	56.860	ng	0.00
79) Terphenyl-d14	20.180	244	760920	51.008	ng	0.00

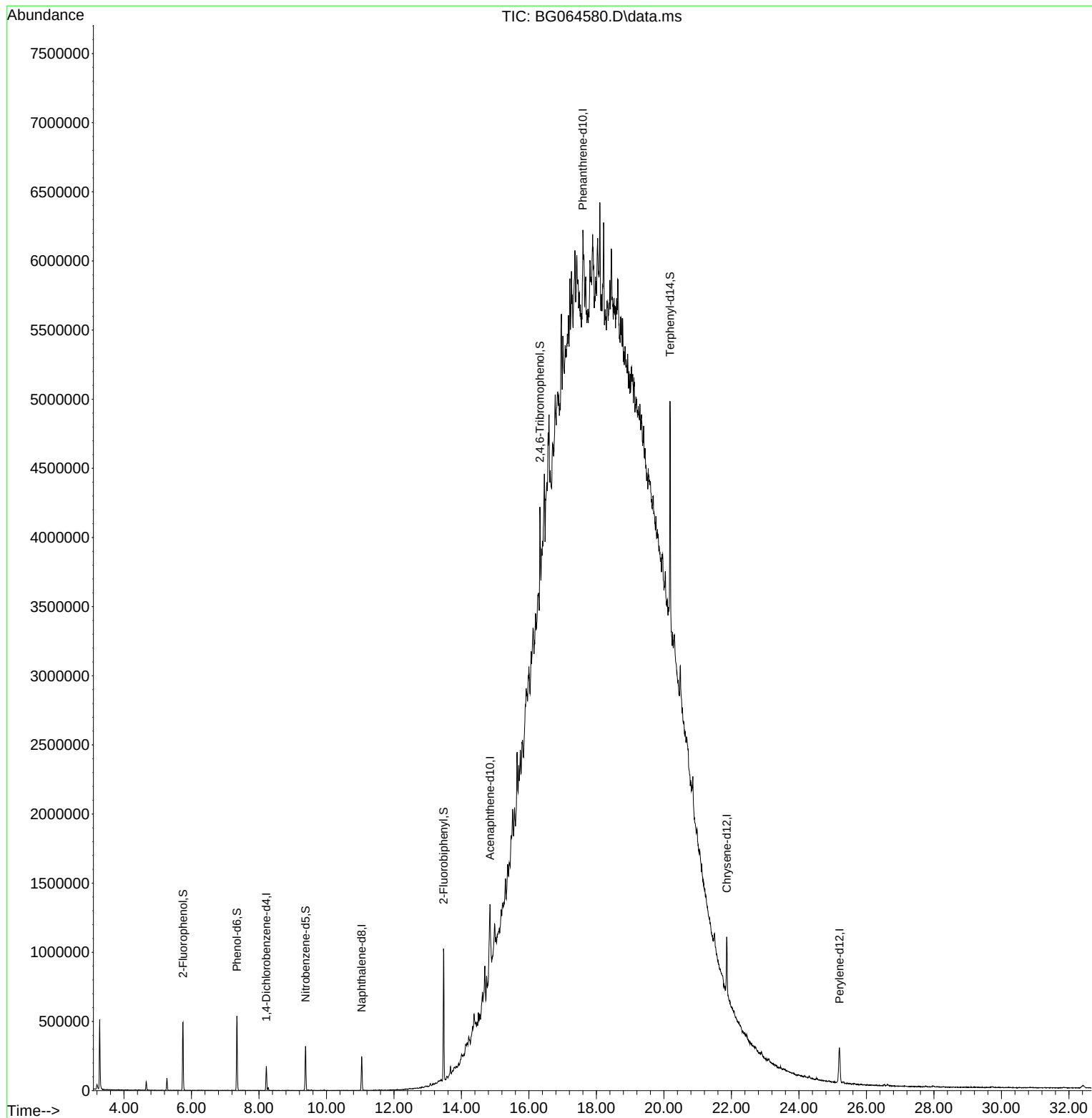
Target Compounds Qvalue

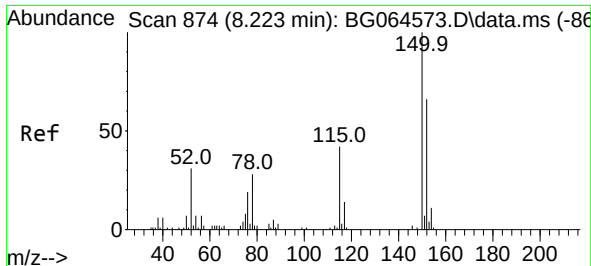
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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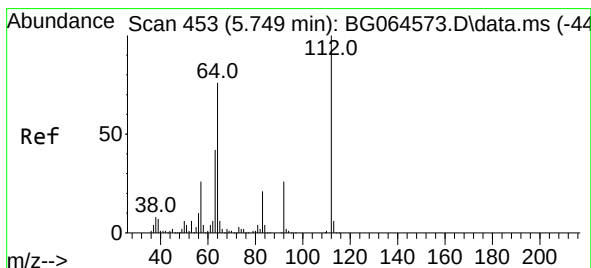
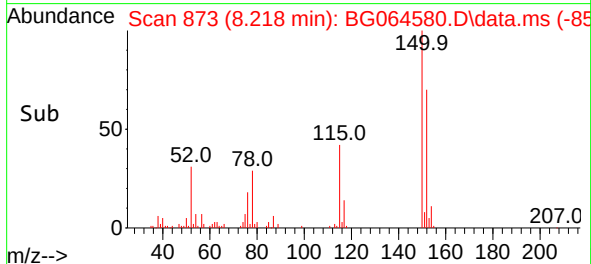
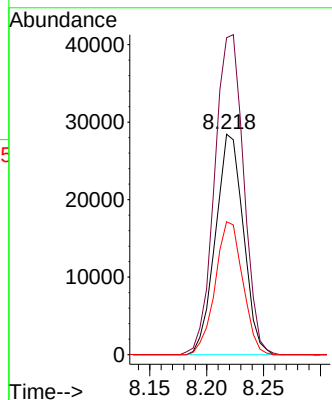
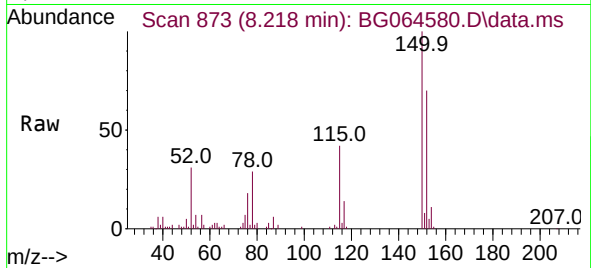




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.218 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG064580.D
Acq: 24 Oct 2025 18:49

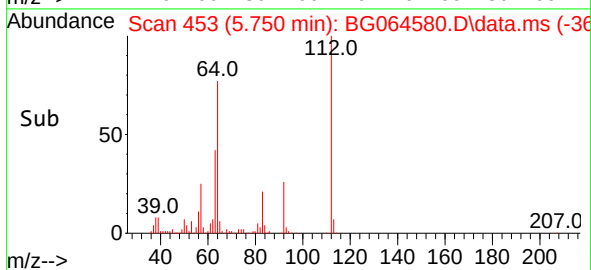
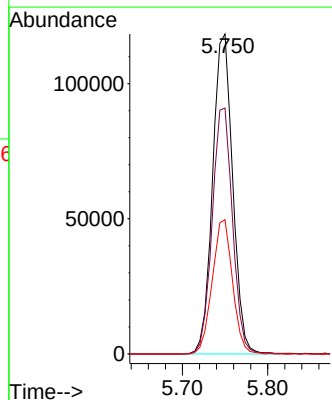
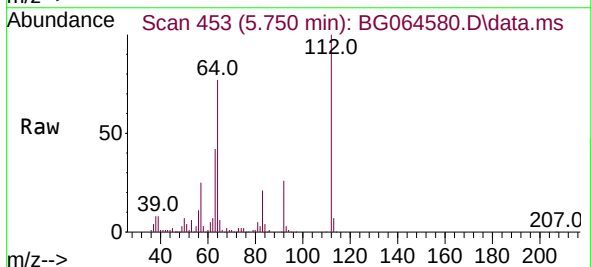
Instrument :
BNA_G
ClientSampleId :
PAD-10-20-25-C

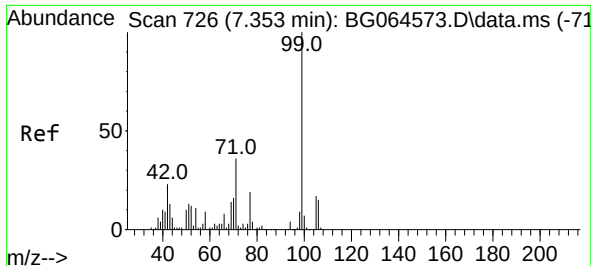
Tgt Ion:152 Resp: 48458
Ion Ratio Lower Upper
152 100
150 143.7 122.2 183.4
115 60.3 50.8 76.2



#5
2-Fluorophenol
Concen: 66.972 ng
RT: 5.750 min Scan# 453
Delta R.T. 0.003 min
Lab File: BG064580.D
Acq: 24 Oct 2025 18:49

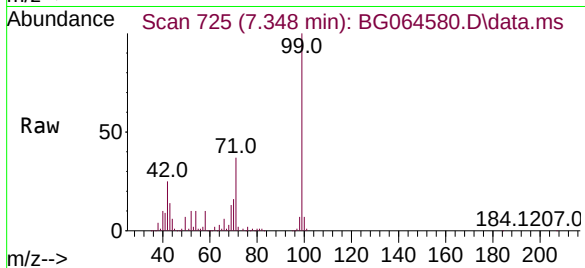
Tgt Ion:112 Resp: 193348
Ion Ratio Lower Upper
112 100
64 76.8 60.7 91.1
63 41.9 33.4 50.0



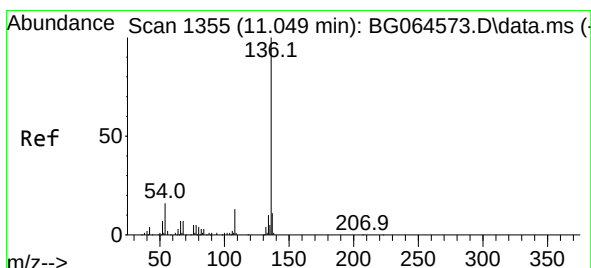
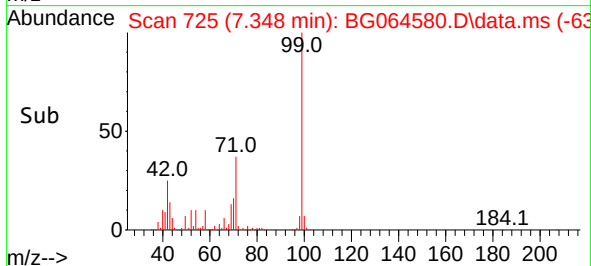
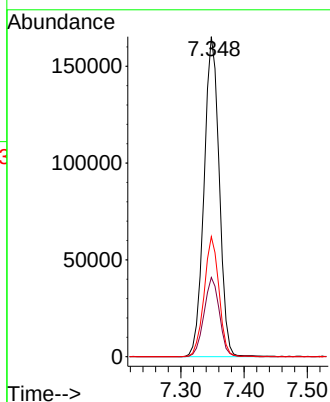


#7
Phenol-d6
Concen: 69.588 ng
RT: 7.348 min Scan# 71
Delta R.T. -0.009 min
Lab File: BG064580.D
Acq: 24 Oct 2025 18:49

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

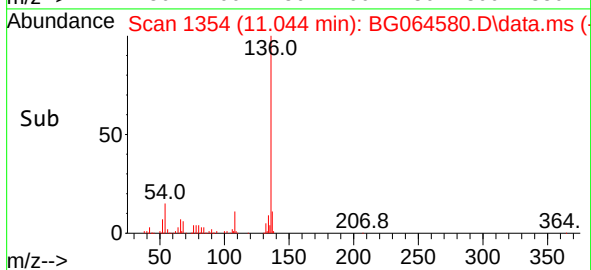
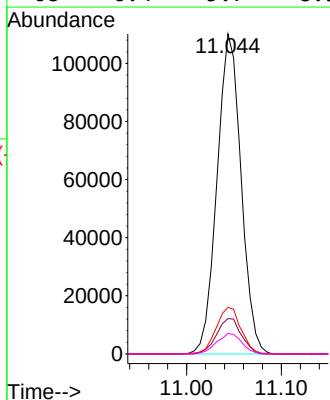
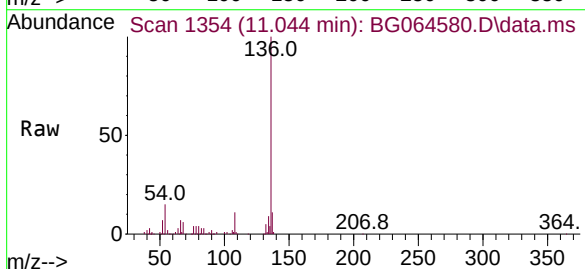


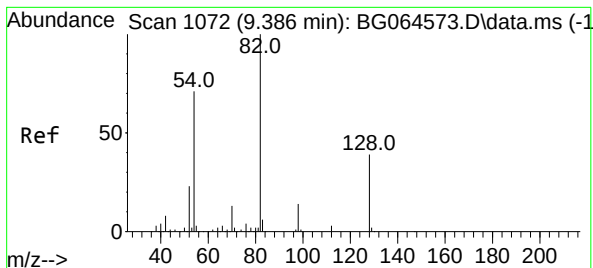
Tgt Ion: 99 Resp: 275677
Ion Ratio Lower Upper
99 100
42 24.7 18.3 27.5
71 37.5 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.044 min Scan# 1354
Delta R.T. -0.009 min
Lab File: BG064580.D
Acq: 24 Oct 2025 18:49

Tgt Ion:136 Resp: 193929
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 14.5 12.6 19.0
68 6.4 5.7 8.5





#23

Nitrobenzene-d5

Concen: 52.204 ng

RT: 9.381 min Scan# 1072

Delta R.T. -0.009 min

Lab File: BG064580.D

Acq: 24 Oct 2025 18:49

Instrument :

BNA_G

ClientSampleId :

PAD-10-20-25-C

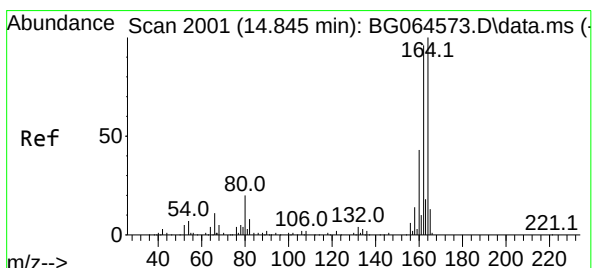
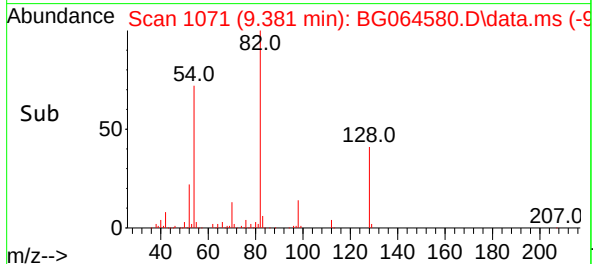
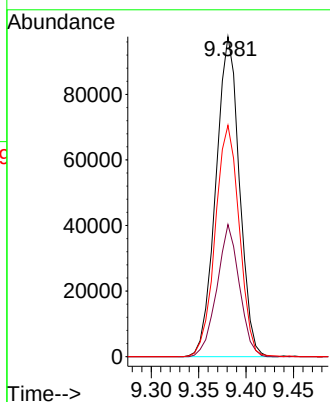
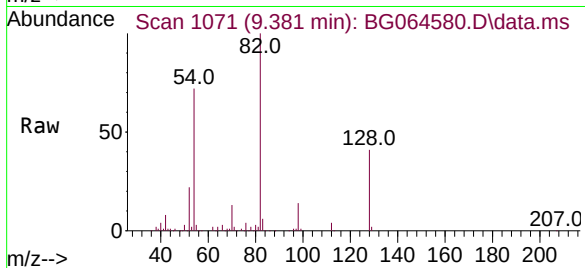
Tgt Ion: 82 Resp: 168554

Ion Ratio Lower Upper

82 100

128 41.3 31.3 46.9

54 72.3 56.6 84.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.845 min Scan# 2001

Delta R.T. 0.003 min

Lab File: BG064580.D

Acq: 24 Oct 2025 18:49

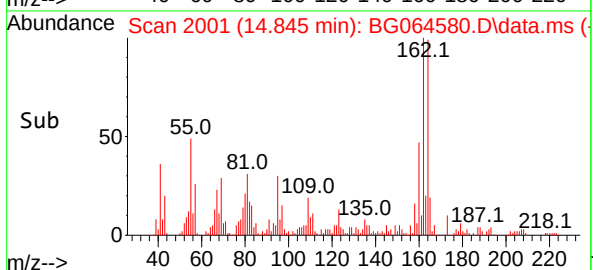
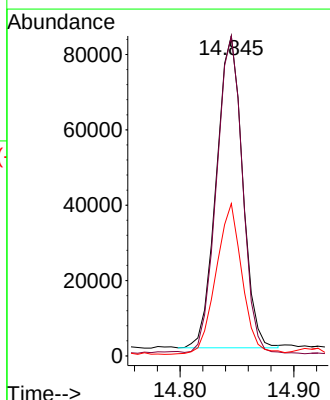
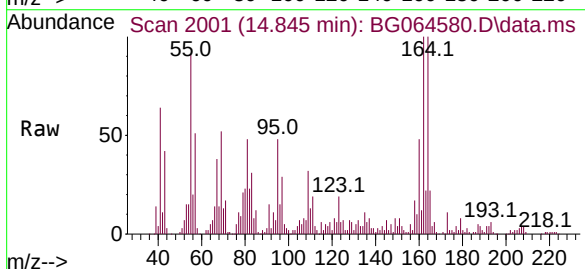
Tgt Ion:164 Resp: 132259

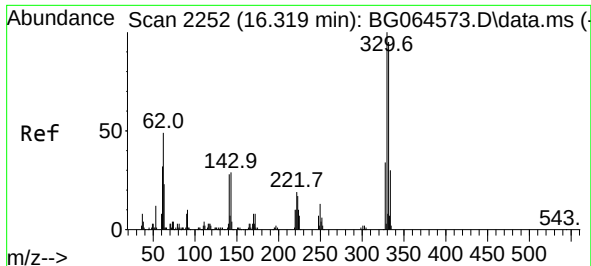
Ion Ratio Lower Upper

164 100

162 100.0 77.0 115.6

160 47.6 34.4 51.6

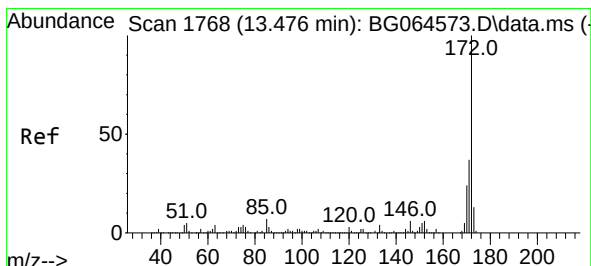
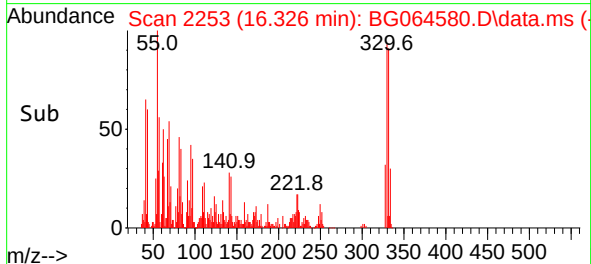
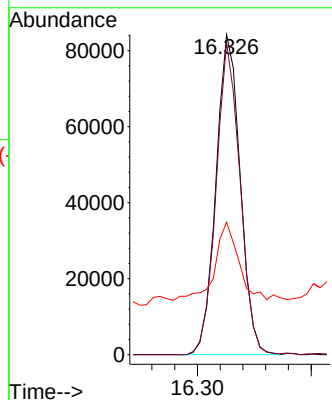
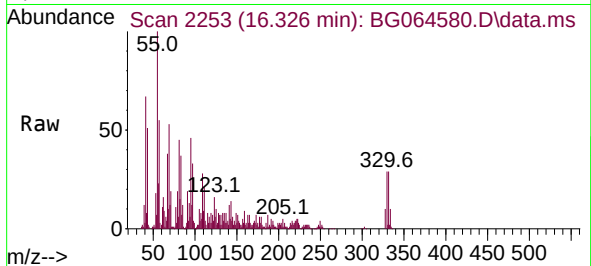




#42
2,4,6-Tribromophenol
Concen: 65.279 ng
RT: 16.326 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG064580.D
Acq: 24 Oct 2025 18:49

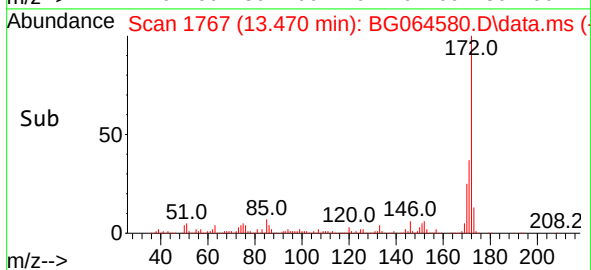
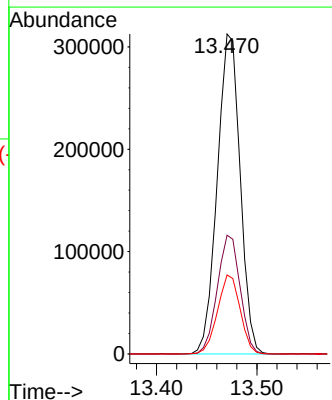
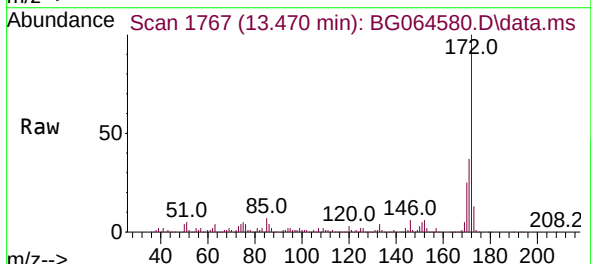
Instrument :
BNA_G
ClientSampleId :
PAD-10-20-25-C

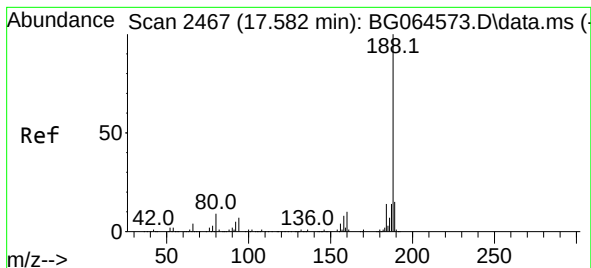
Tgt Ion:330 Resp: 124610
Ion Ratio Lower Upper
330 100
332 95.9 78.0 117.0
141 23.4 21.8 32.6



#45
2-Fluorobiphenyl
Concen: 56.860 ng
RT: 13.470 min Scan# 1767
Delta R.T. -0.009 min
Lab File: BG064580.D
Acq: 24 Oct 2025 18:49

Tgt Ion:172 Resp: 496140
Ion Ratio Lower Upper
172 100
171 37.1 29.4 44.0
170 24.7 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.595 min Scan# 2469

Delta R.T. 0.015 min

Lab File: BG064580.D

Acq: 24 Oct 2025 18:49

Instrument :

BNA_G

ClientSampleId :

PAD-10-20-25-C

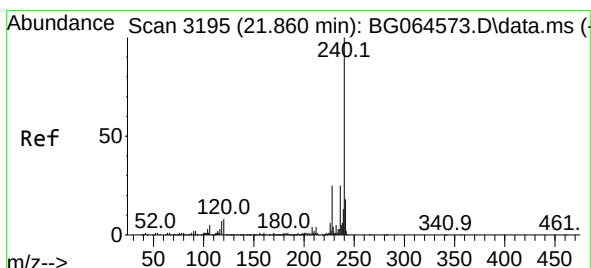
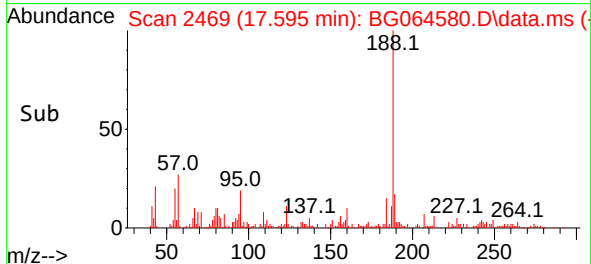
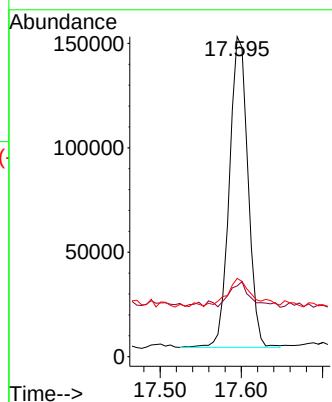
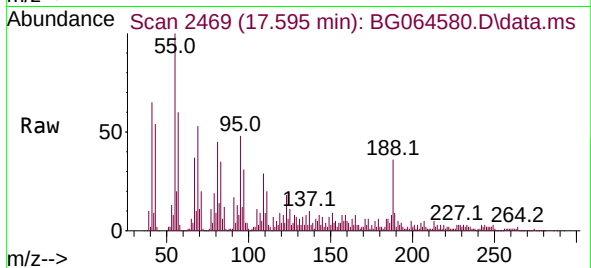
Tgt Ion:188 Resp: 237344

Ion Ratio Lower Upper

188 100

94 22.1 5.7 8.5#

80 24.4 6.8 10.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.860 min Scan# 3195

Delta R.T. -0.003 min

Lab File: BG064580.D

Acq: 24 Oct 2025 18:49

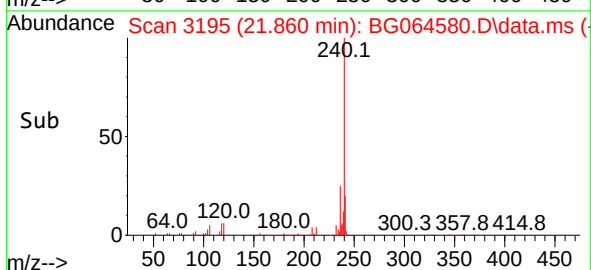
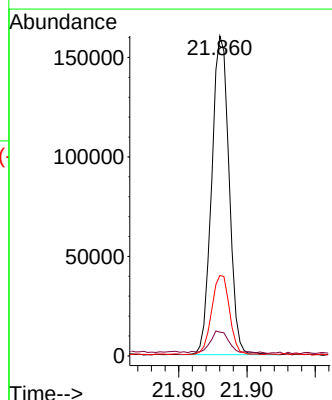
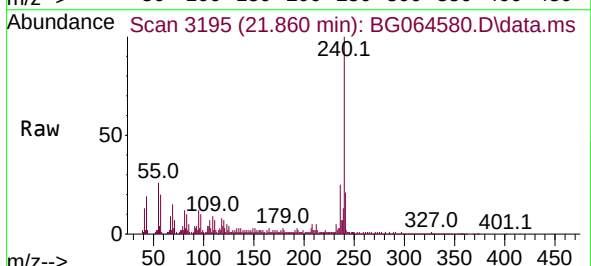
Tgt Ion:240 Resp: 281521

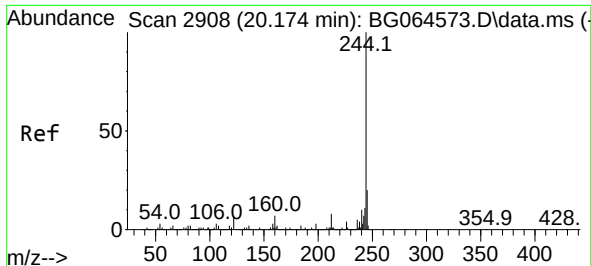
Ion Ratio Lower Upper

240 100

120 7.4 6.5 9.7

236 25.1 20.2 30.2

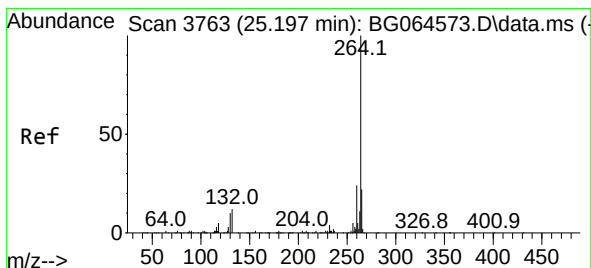
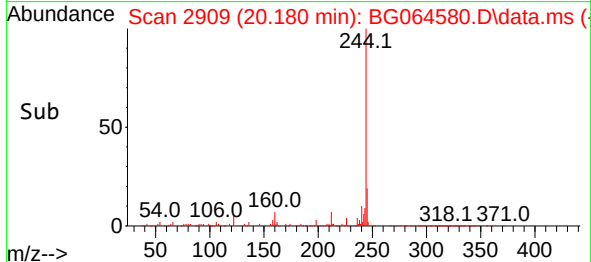
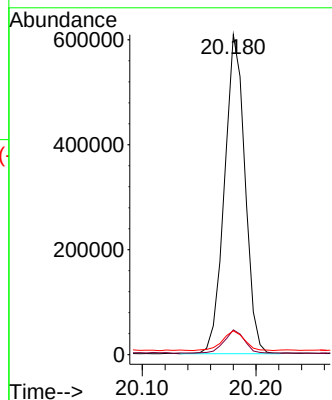
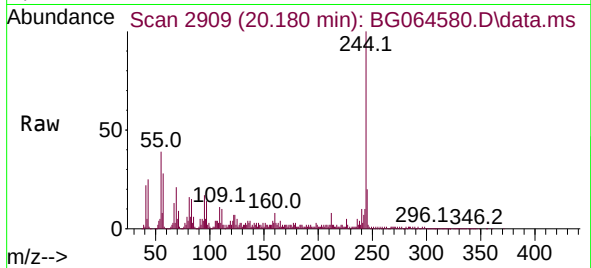




#79
 Terphenyl-d14
 Concen: 51.008 ng
 RT: 20.180 min Scan# 2908
 Delta R.T. 0.003 min
 Lab File: BG064580.D
 Acq: 24 Oct 2025 18:49

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

Tgt Ion:244 Resp: 760920
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 7.4 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: BG064580.D
 Acq: 24 Oct 2025 18:49

Tgt Ion:264 Resp: 296923
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.0 28.4
 265 21.7 17.6 26.4

