

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064581.D
 Acq On : 24 Oct 2025 19:30
 Operator : RC/JU
 Sample : Q3405-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SW-10-20-25

Quant Time: Oct 24 23:44:21 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	36541	20.000	ng	0.00
21) Naphthalene-d8	11.043	136	142428	20.000	ng	0.00
39) Acenaphthene-d10	14.839	164	121826	20.000	ng	0.00
64) Phenanthrene-d10	17.576	188	304711	20.000	ng	0.00
76) Chrysene-d12	21.854	240	324002	20.000	ng	0.00
86) Perylene-d12	25.191	264	346107	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.749	112	140556	64.564	ng	0.00
7) Phenol-d6	7.347	99	203488	68.117	ng	0.00
23) Nitrobenzene-d5	9.380	82	112290	47.353	ng	0.00
42) 2,4,6-Tribromophenol	16.313	330	106137	60.363	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	372190	46.307	ng	0.00
79) Terphenyl-d14	20.168	244	834227	48.590	ng	0.00

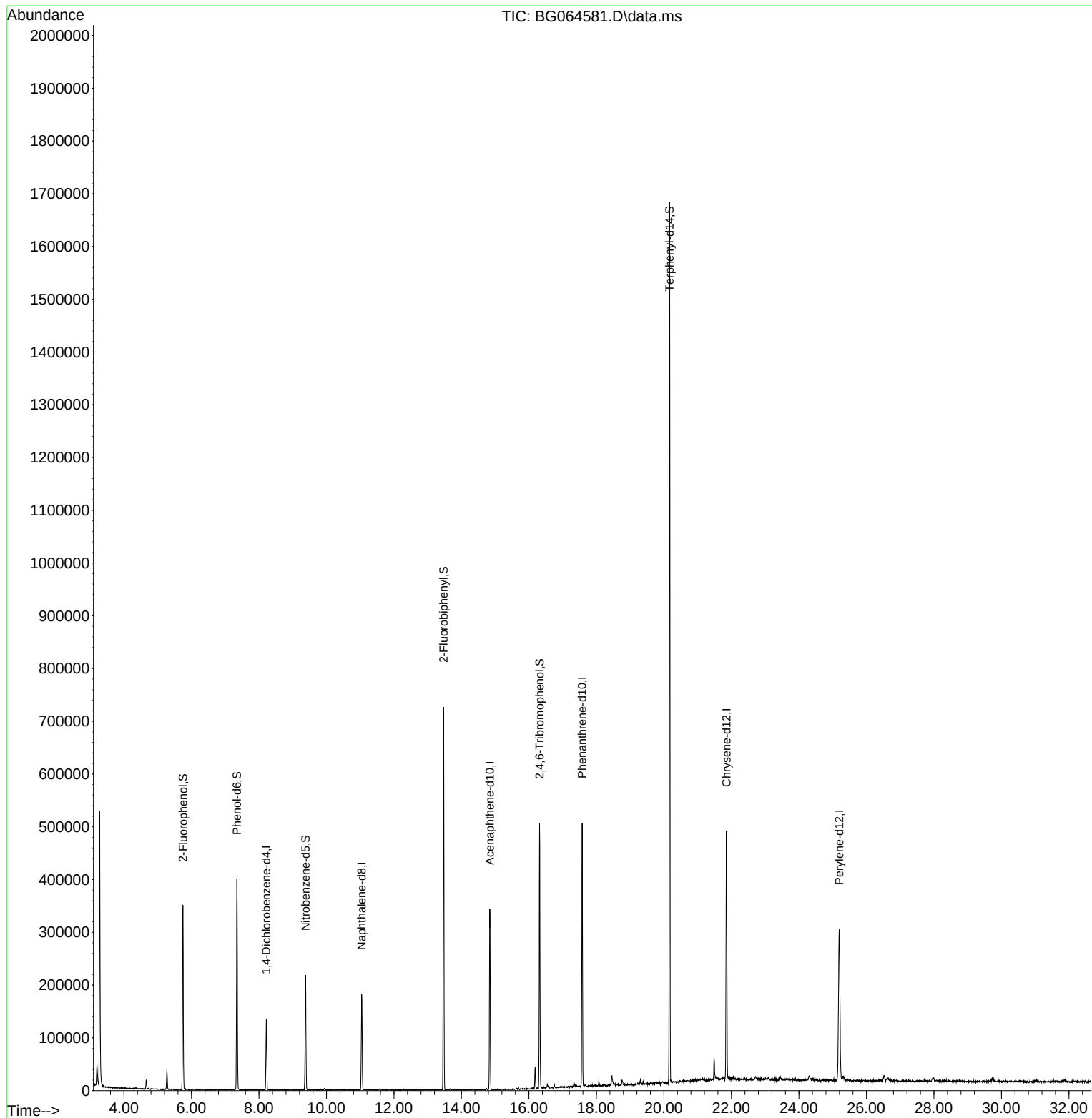
Target Compounds	Qvalue

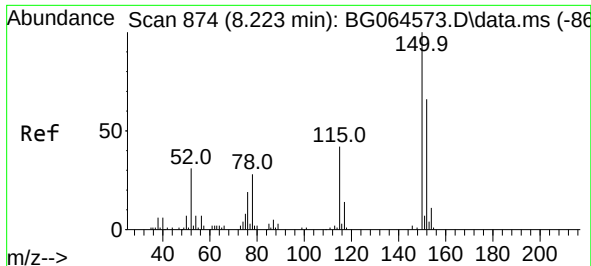
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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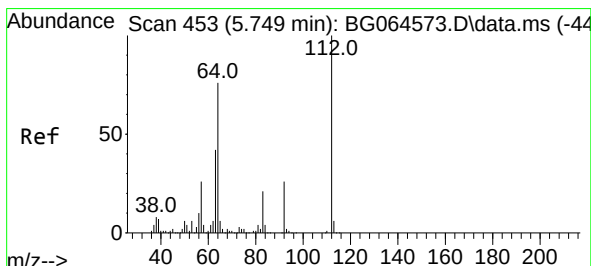
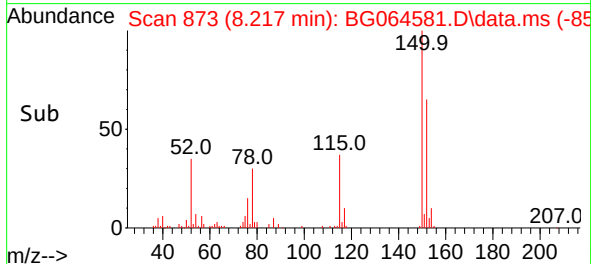
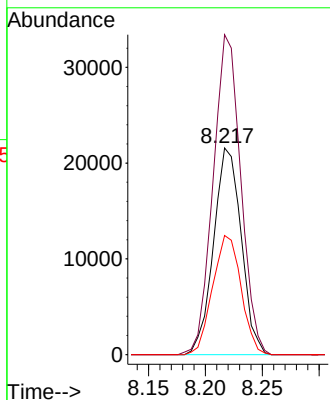
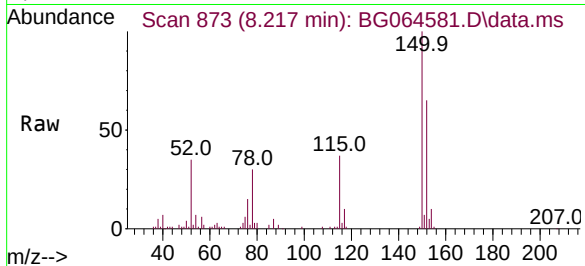




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.217 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG064581.D
Acq: 24 Oct 2025 19:30

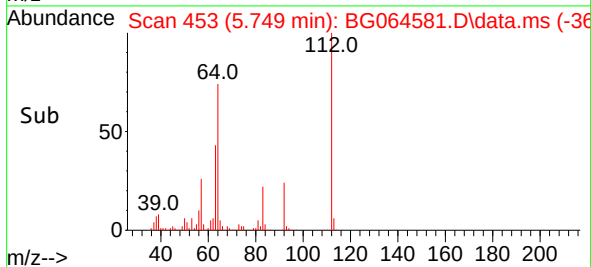
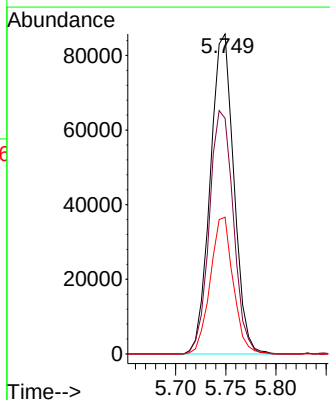
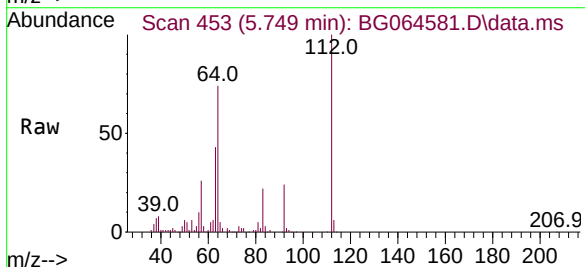
Instrument :
BNA_G
ClientSampleId :
SW-10-20-25

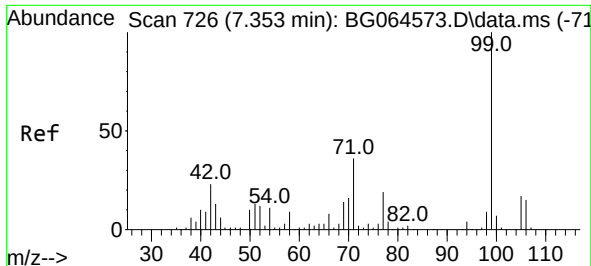
Tgt Ion:152 Resp: 36541
Ion Ratio Lower Upper
152 100
150 154.9 122.2 183.4
115 57.7 50.8 76.2



#5
2-Fluorophenol
Concen: 64.564 ng
RT: 5.749 min Scan# 453
Delta R.T. 0.002 min
Lab File: BG064581.D
Acq: 24 Oct 2025 19:30

Tgt Ion:112 Resp: 140556
Ion Ratio Lower Upper
112 100
64 73.6 60.7 91.1
63 42.7 33.4 50.0

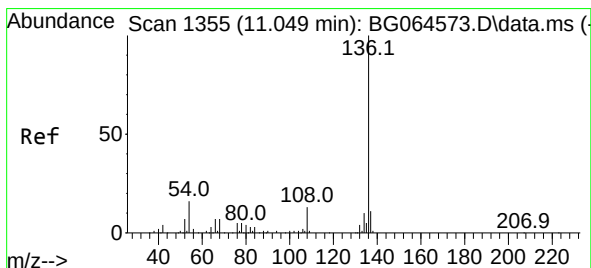
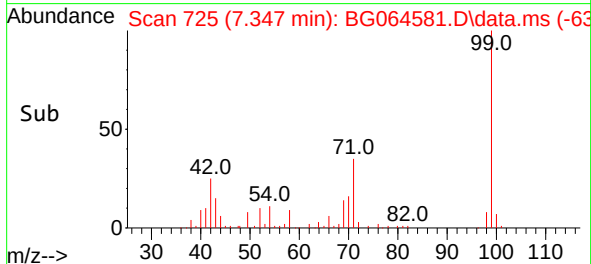
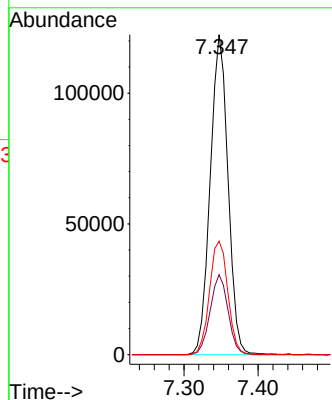
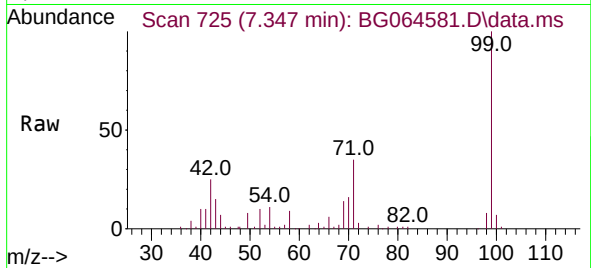




#7
Phenol-d6
Concen: 68.117 ng
RT: 7.347 min Scan# 71
Delta R.T. -0.010 min
Lab File: BG064581.D
Acq: 24 Oct 2025 19:30

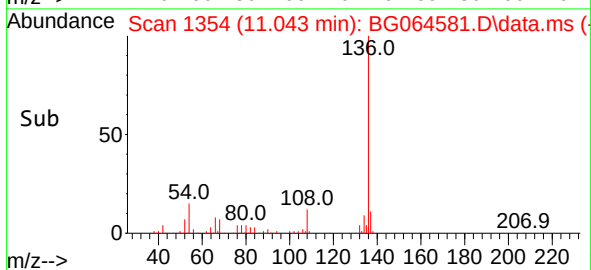
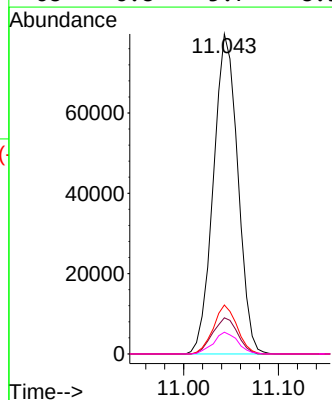
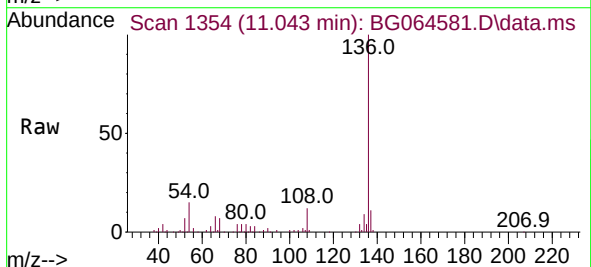
Instrument :
BNA_G
ClientSampleId :
SW-10-20-25

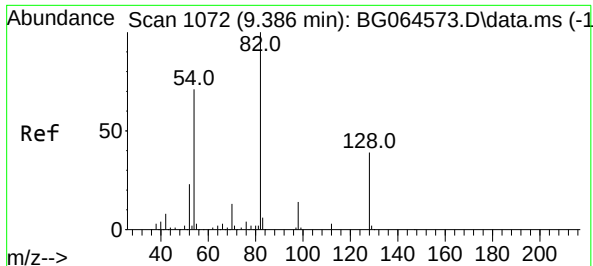
Tgt Ion: 99 Resp: 203488
Ion Ratio Lower Upper
99 100
42 25.0 18.3 27.5
71 35.4 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.043 min Scan# 1354
Delta R.T. -0.010 min
Lab File: BG064581.D
Acq: 24 Oct 2025 19:30

Tgt Ion:136 Resp: 142428
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 15.3 12.6 19.0
68 6.8 5.7 8.5





#23

Nitrobenzene-d5

Concen: 47.353 ng

RT: 9.380 min Scan# 10

Delta R.T. -0.010 min

Lab File: BG064581.D

Acq: 24 Oct 2025 19:30

Instrument :

BNA_G

ClientSampleId :

SW-10-20-25

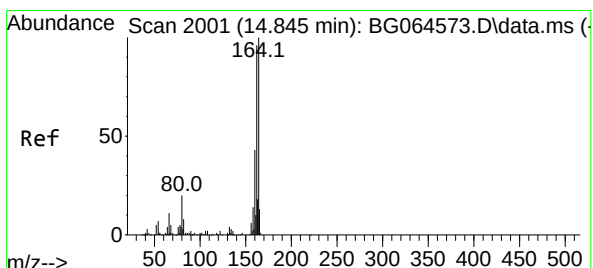
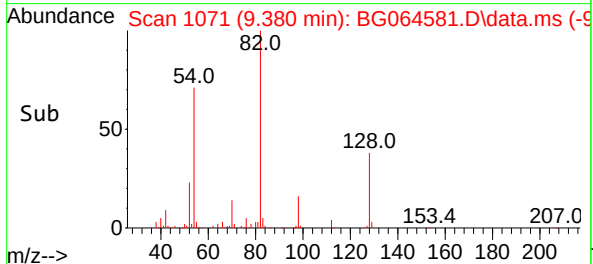
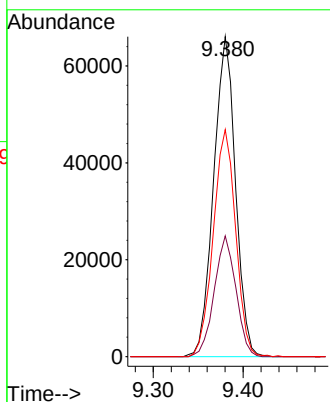
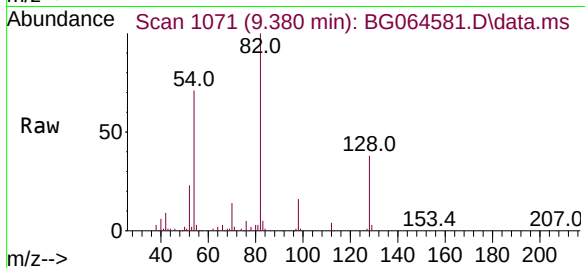
Tgt Ion: 82 Resp: 112290

Ion Ratio Lower Upper

82 100

128 37.7 31.3 46.9

54 70.9 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: BG064581.D

Acq: 24 Oct 2025 19:30

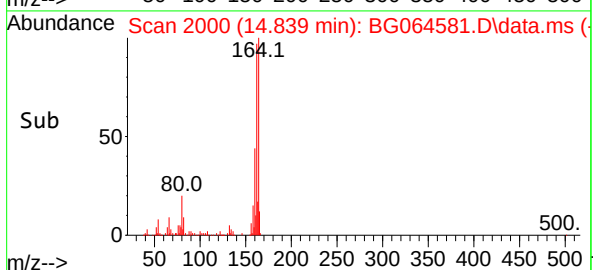
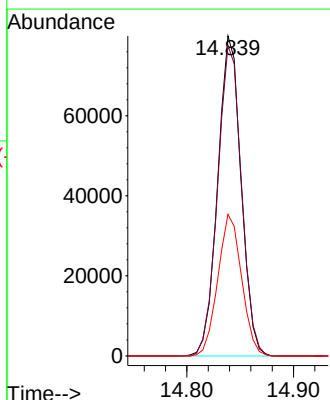
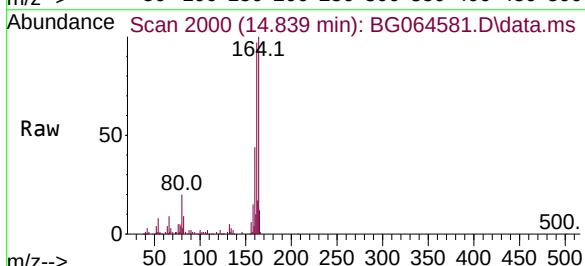
Tgt Ion:164 Resp: 121826

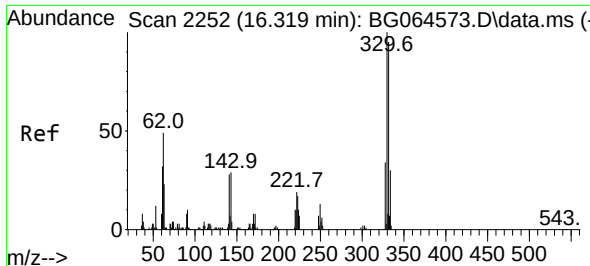
Ion Ratio Lower Upper

164 100

162 97.0 77.0 115.6

160 44.2 34.4 51.6

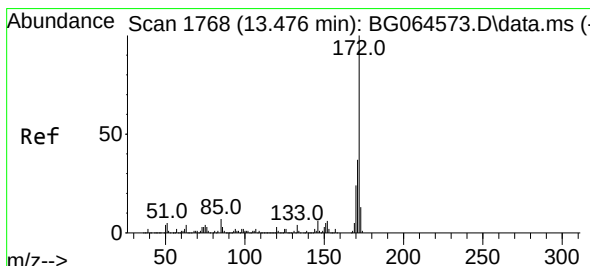
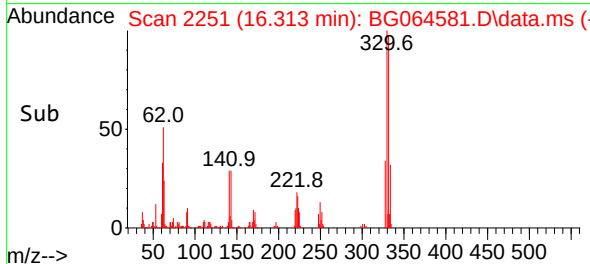
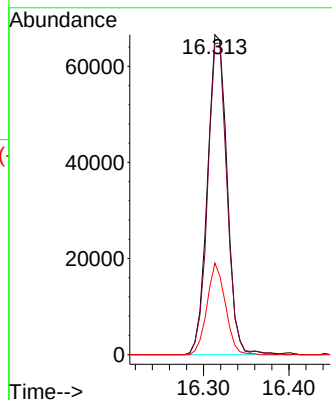
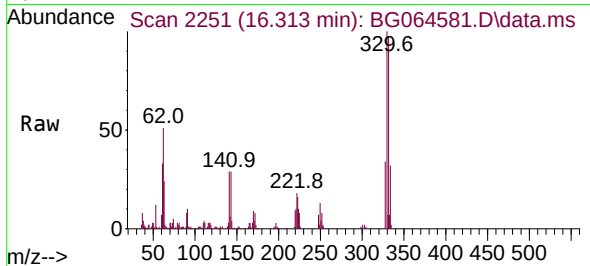




#42
2,4,6-Tribromophenol
Concen: 60.363 ng
RT: 16.313 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG064581.D
Acq: 24 Oct 2025 19:30

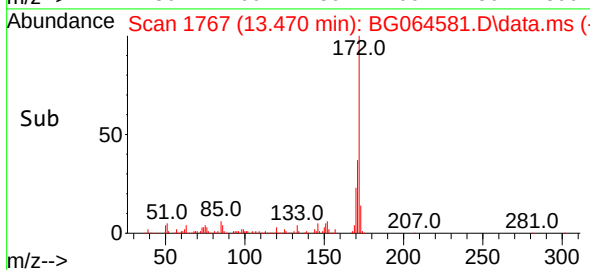
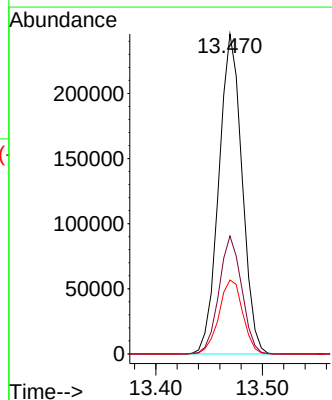
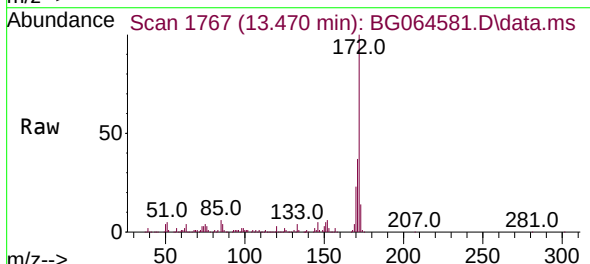
Instrument :
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SW-10-20-25

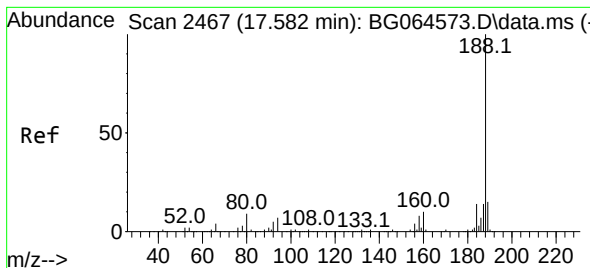
Tgt Ion:330 Resp: 106137
Ion Ratio Lower Upper
330 100
332 95.9 78.0 117.0
141 26.7 21.8 32.6



#45
2-Fluorobiphenyl
Concen: 46.307 ng
RT: 13.470 min Scan# 1767
Delta R.T. -0.009 min
Lab File: BG064581.D
Acq: 24 Oct 2025 19:30

Tgt Ion:172 Resp: 372190
Ion Ratio Lower Upper
172 100
171 36.8 29.4 44.0
170 23.1 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.576 min Scan# 2466

Delta R.T. -0.004 min

Lab File: BG064581.D

Acq: 24 Oct 2025 19:30

Instrument :

BNA_G

ClientSampleId :

SW-10-20-25

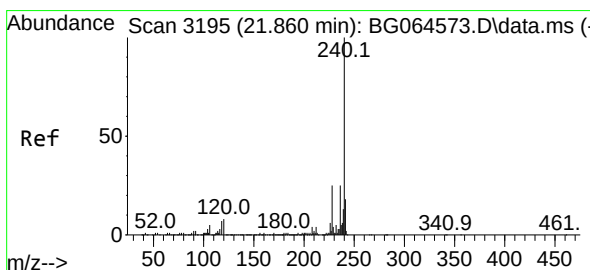
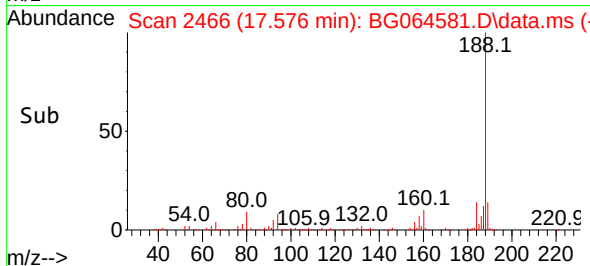
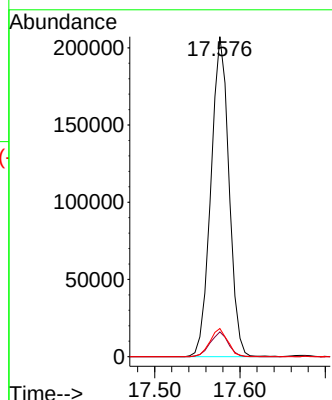
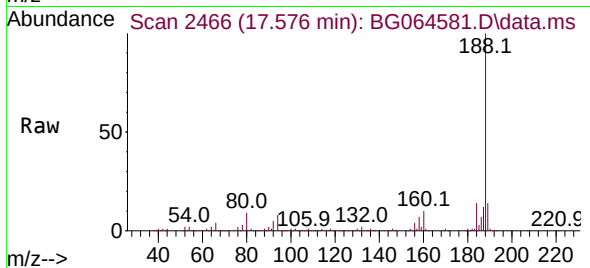
Tgt Ion:188 Resp: 304711

Ion Ratio Lower Upper

188 100

94 7.7 5.7 8.5

80 8.8 6.8 10.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.854 min Scan# 3194

Delta R.T. -0.010 min

Lab File: BG064581.D

Acq: 24 Oct 2025 19:30

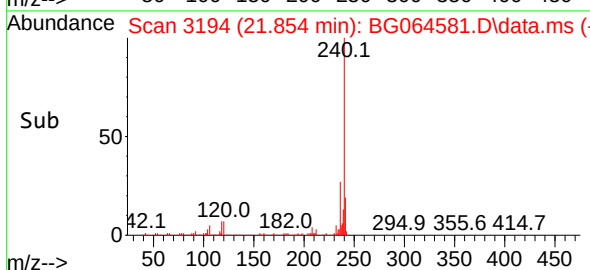
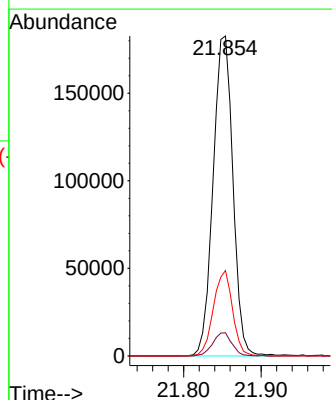
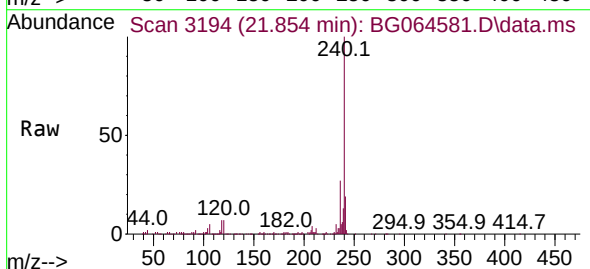
Tgt Ion:240 Resp: 324002

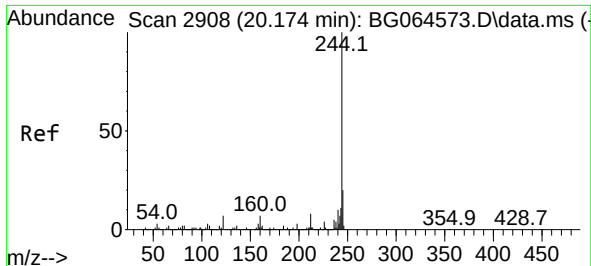
Ion Ratio Lower Upper

240 100

120 7.2 6.5 9.7

236 26.7 20.2 30.2

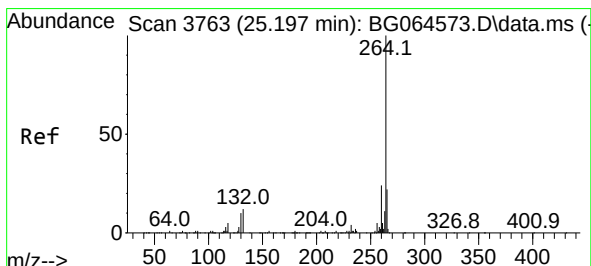
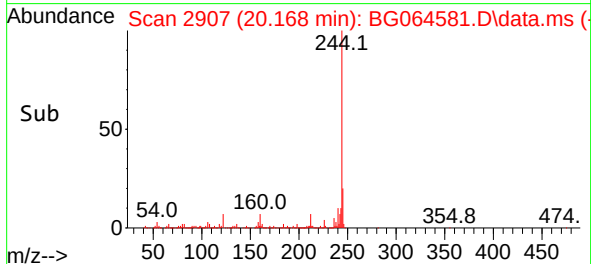
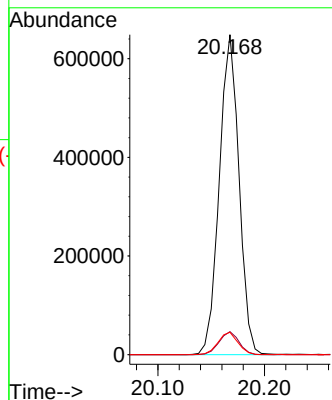
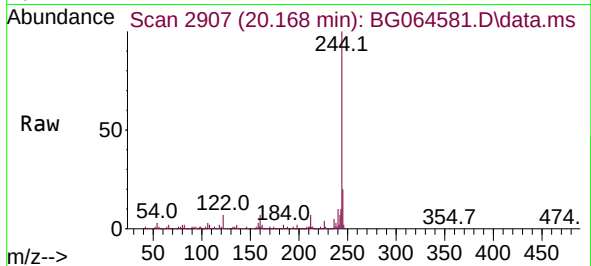




#79
 Terphenyl-d14
 Concen: 48.590 ng
 RT: 20.168 min Scan# 2907
 Delta R.T. -0.010 min
 Lab File: BG064581.D
 Acq: 24 Oct 2025 19:30

Instrument :
 BNA_G
 ClientSampleId :
 SW-10-20-25

Tgt Ion:244 Resp: 834227
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 7.0 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.191 min Scan# 3762
 Delta R.T. -0.010 min
 Lab File: BG064581.D
 Acq: 24 Oct 2025 19:30

Tgt Ion:264 Resp: 346107
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 21.4 17.6 26.4

