

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103025\
 Data File : BG064649.D
 Acq On : 30 Oct 2025 20:32
 Operator : RC/JU
 Sample : Q3482-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-1

Quant Time: Oct 31 01:49:31 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	27747	20.000	ng	0.00
21) Naphthalene-d8	11.038	136	105426	20.000	ng	#-0.01
39) Acenaphthene-d10	14.840	164	79154	20.000	ng	0.00
64) Phenanthrene-d10	17.578	188	199422	20.000	ng	0.00
76) Chrysene-d12	21.849	240	266098	20.000	ng	-0.01
86) Perylene-d12	25.186	264	299189	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.750	112	70227	42.482	ng	0.00
7) Phenol-d6	7.348	99	128318	56.568	ng	0.00
23) Nitrobenzene-d5	9.381	82	93224	53.111	ng	0.00
42) 2,4,6-Tribromophenol	16.314	330	45821	40.108	ng	0.00
45) 2-Fluorobiphenyl	13.465	172	235091	45.018	ng	-0.01
79) Terphenyl-d14	20.169	244	618629	43.873	ng	0.00

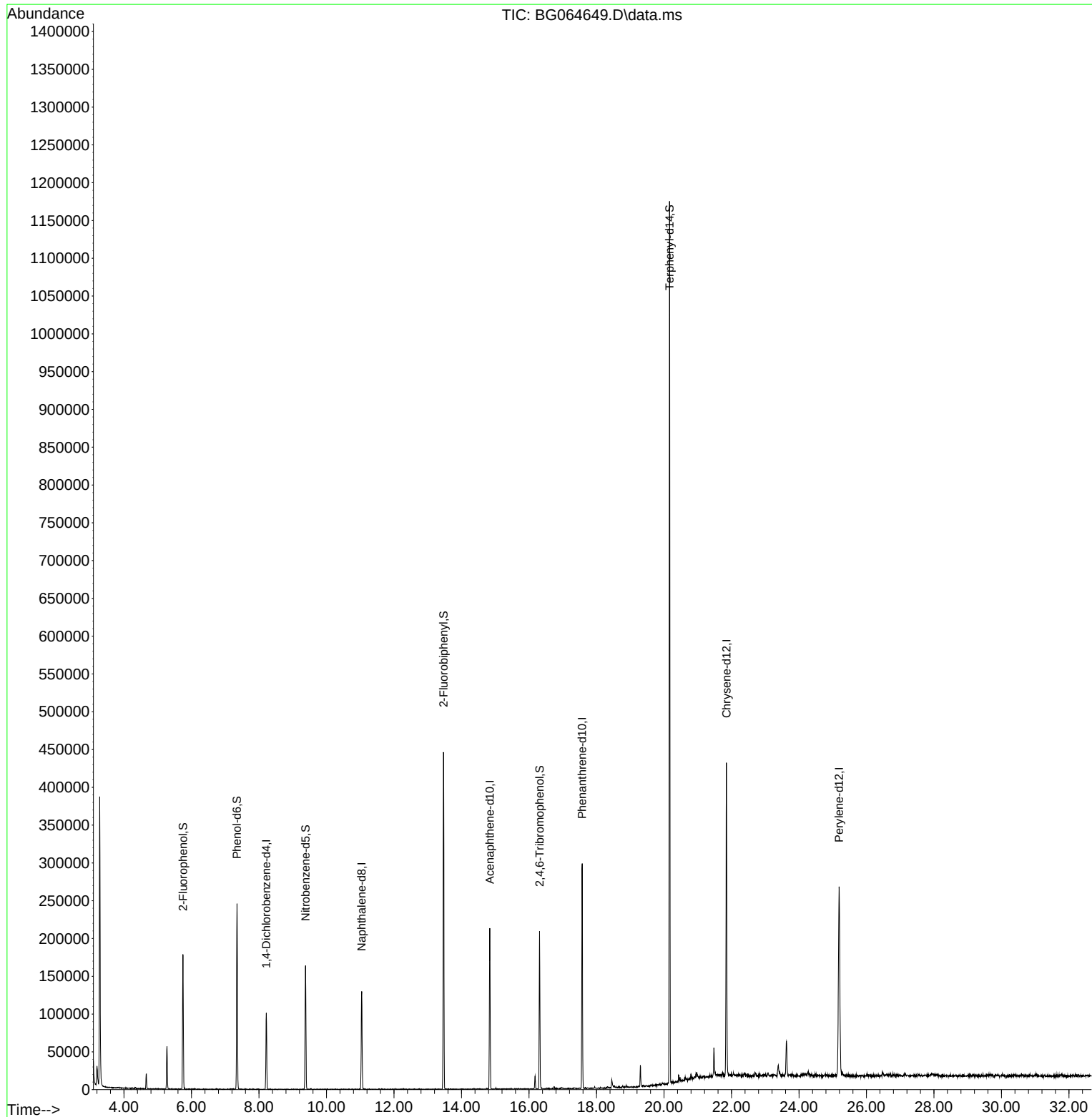
Target Compounds	Qvalue

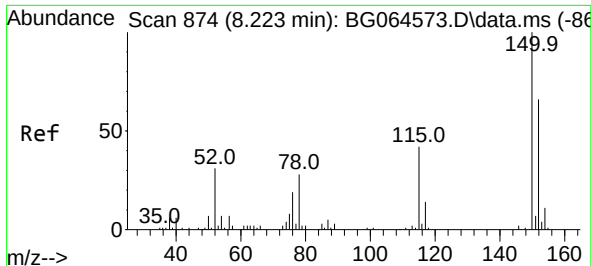
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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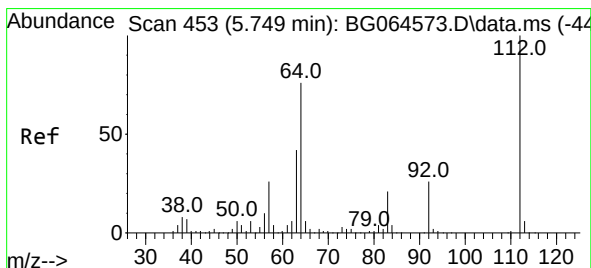
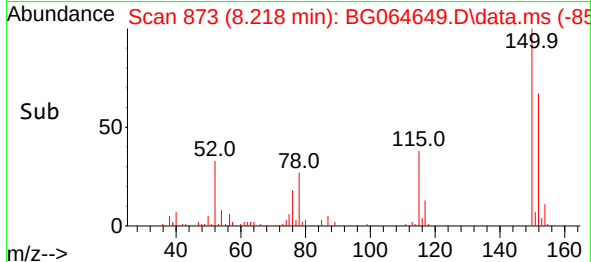
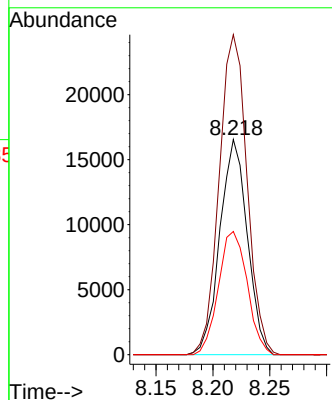
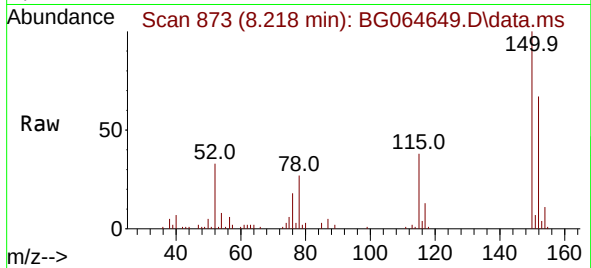




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.218 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG064649.D
Acq: 30 Oct 2025 20:32

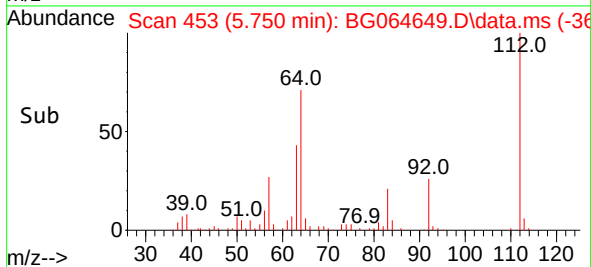
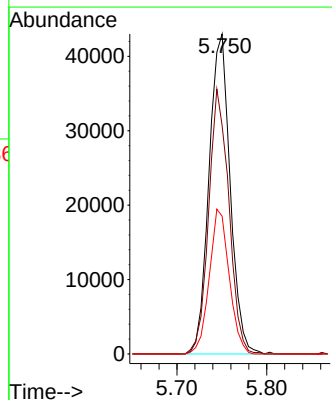
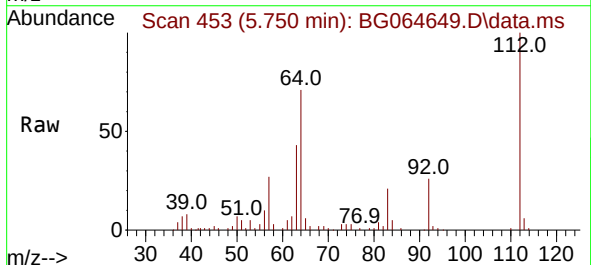
Instrument :
BNA_G
ClientSampleId :
WC-1

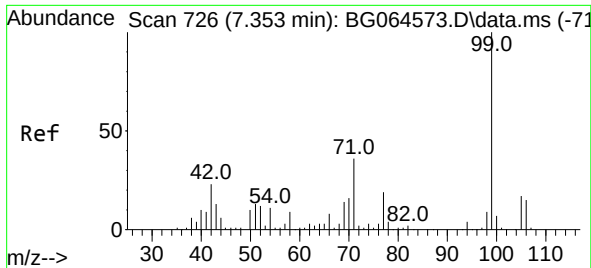
Tgt Ion:152 Resp: 27747
Ion Ratio Lower Upper
152 100
150 148.7 122.2 183.4
115 57.2 50.8 76.2



#5
2-Fluorophenol
Concen: 42.482 ng
RT: 5.750 min Scan# 453
Delta R.T. 0.003 min
Lab File: BG064649.D
Acq: 30 Oct 2025 20:32

Tgt Ion:112 Resp: 70227
Ion Ratio Lower Upper
112 100
64 71.4 60.7 91.1
63 43.0 33.4 50.0

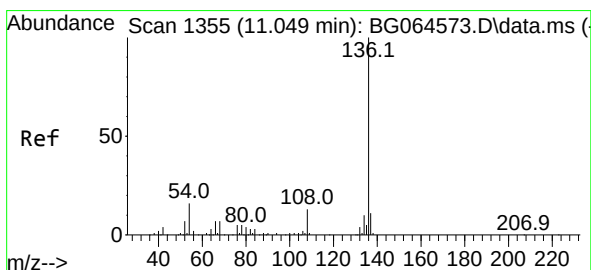
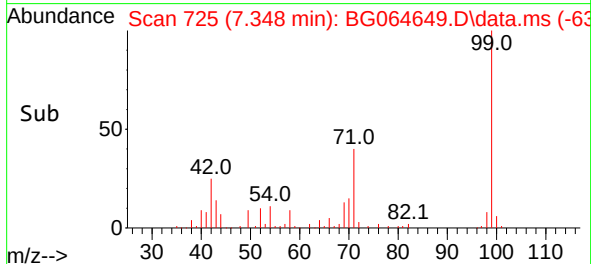
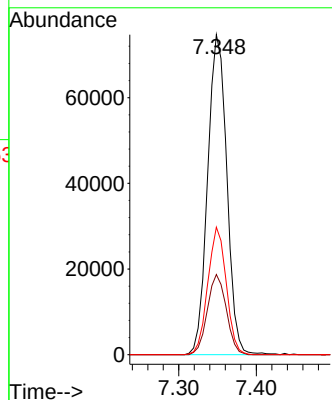
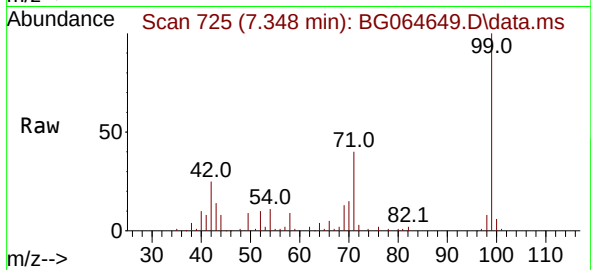




#7
Phenol-d6
Concen: 56.568 ng
RT: 7.348 min Scan# 71
Delta R.T. -0.008 min
Lab File: BG064649.D
Acq: 30 Oct 2025 20:32

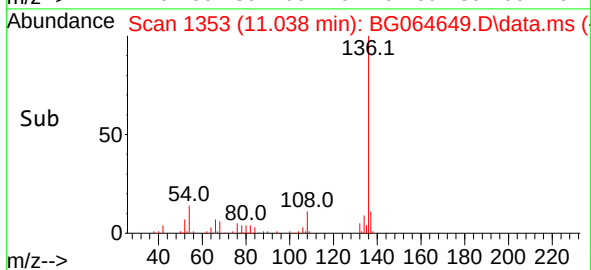
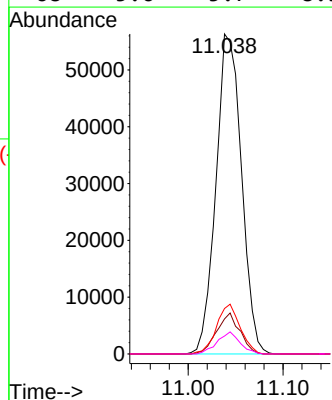
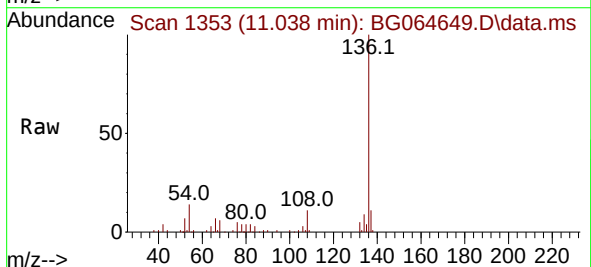
Instrument :
BNA_G
ClientSampleId :
WC-1

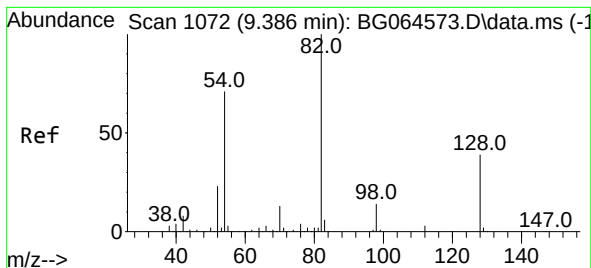
Tgt Ion: 99 Resp: 128318
Ion Ratio Lower Upper
99 100
42 25.0 18.3 27.5
71 39.9 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.038 min Scan# 1353
Delta R.T. -0.014 min
Lab File: BG064649.D
Acq: 30 Oct 2025 20:32

Tgt Ion:136 Resp: 105426
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 14.2 12.6 19.0
68 5.6 5.7 8.5#





#23

Nitrobenzene-d5

Concen: 53.111 ng

RT: 9.381 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG064649.D

Acq: 30 Oct 2025 20:32

Instrument :

BNA_G

ClientSampleId :

WC-1

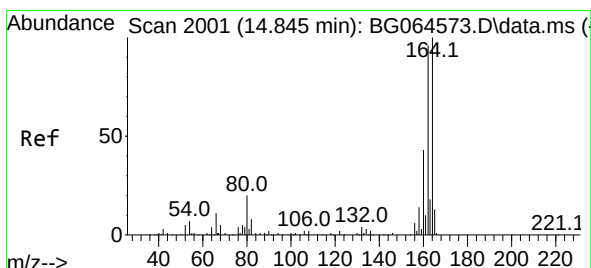
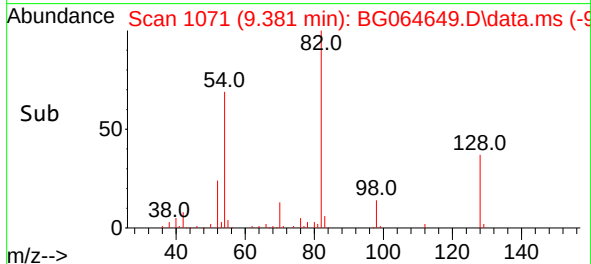
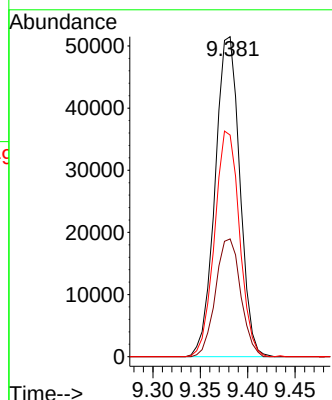
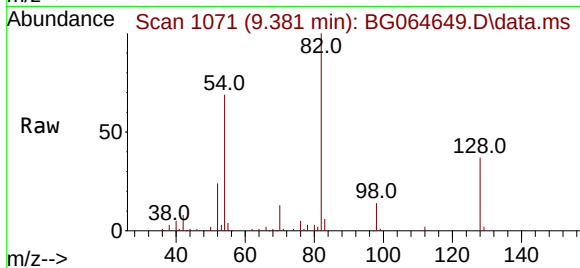
Tgt Ion: 82 Resp: 93224

Ion Ratio Lower Upper

82 100

128 36.8 31.3 46.9

54 69.2 56.6 84.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.840 min Scan# 2000

Delta R.T. -0.003 min

Lab File: BG064649.D

Acq: 30 Oct 2025 20:32

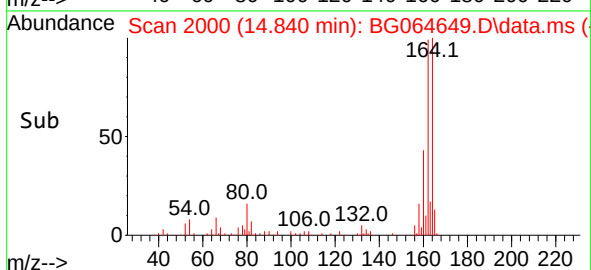
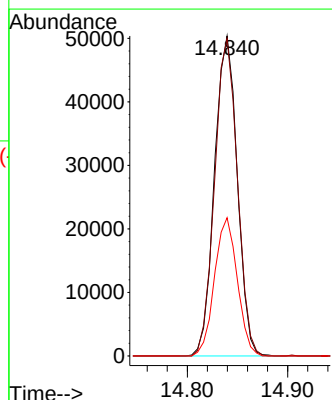
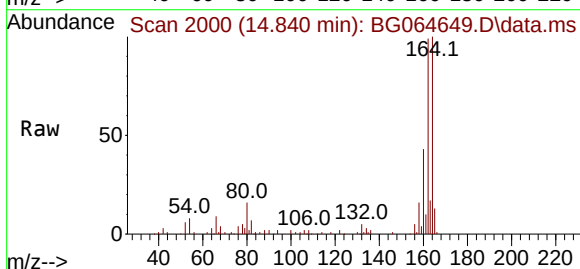
Tgt Ion: 164 Resp: 79154

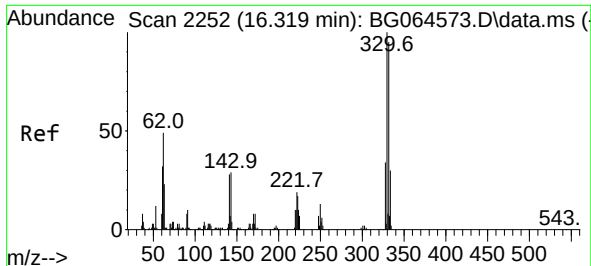
Ion Ratio Lower Upper

164 100

162 99.2 77.0 115.6

160 43.2 34.4 51.6

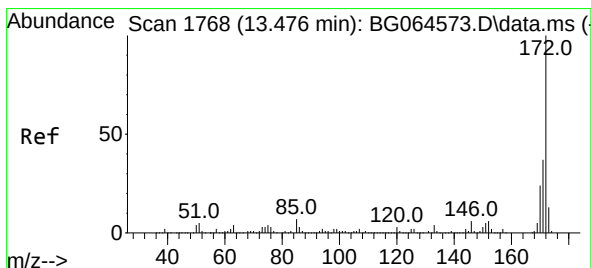
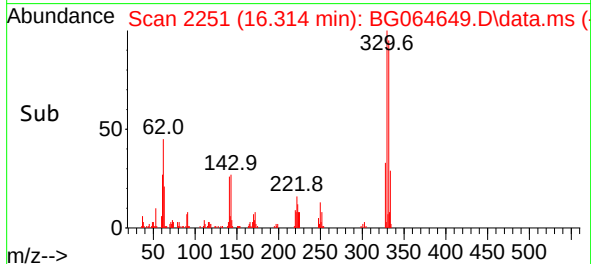
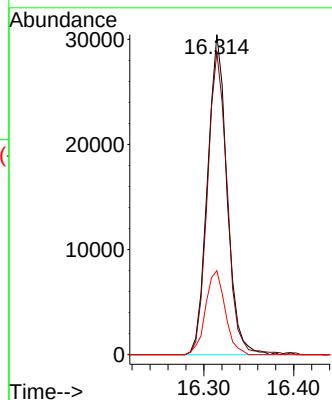
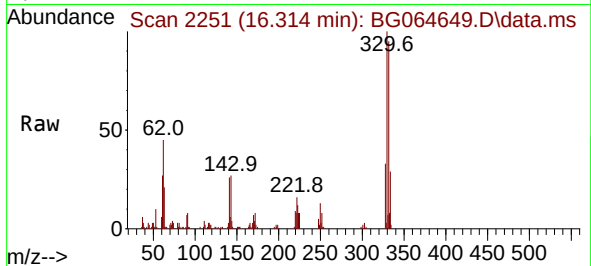




#42
2,4,6-Tribromophenol
Concen: 40.108 ng
RT: 16.314 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG064649.D
Acq: 30 Oct 2025 20:32

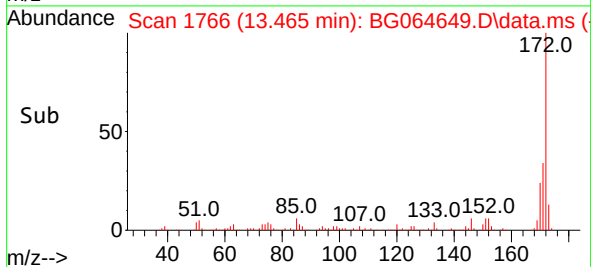
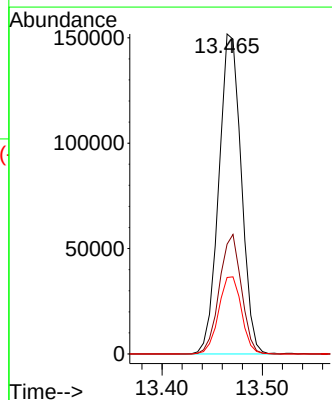
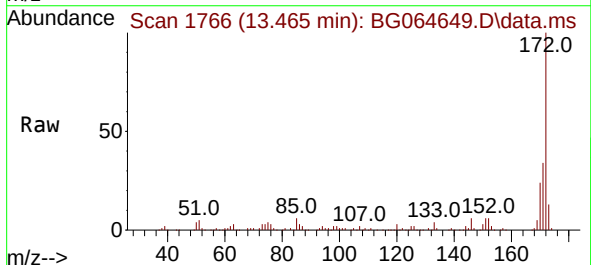
Instrument :
BNA_G
ClientSampleId :
WC-1

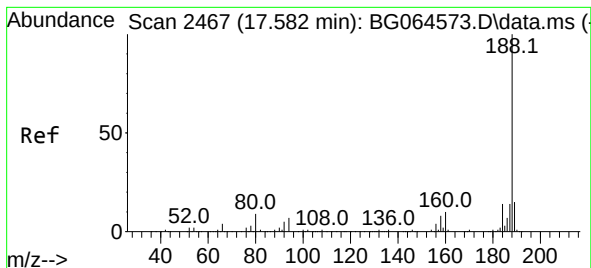
Tgt Ion:330 Resp: 45821
Ion Ratio Lower Upper
330 100
332 95.8 78.0 117.0
141 26.4 21.8 32.6



#45
2-Fluorobiphenyl
Concen: 45.018 ng
RT: 13.465 min Scan# 1766
Delta R.T. -0.014 min
Lab File: BG064649.D
Acq: 30 Oct 2025 20:32

Tgt Ion:172 Resp: 235091
Ion Ratio Lower Upper
172 100
171 34.3 29.4 44.0
170 23.9 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.578 min Scan# 2466

Delta R.T. -0.002 min

Lab File: BG064649.D

Acq: 30 Oct 2025 20:32

Instrument :

BNA_G

ClientSampleId :

WC-1

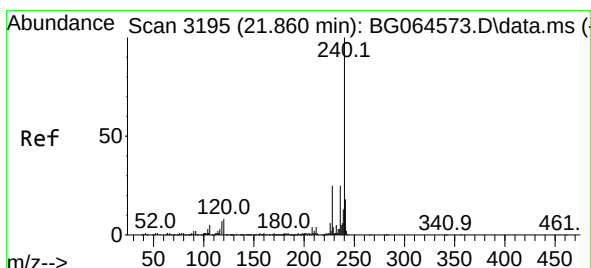
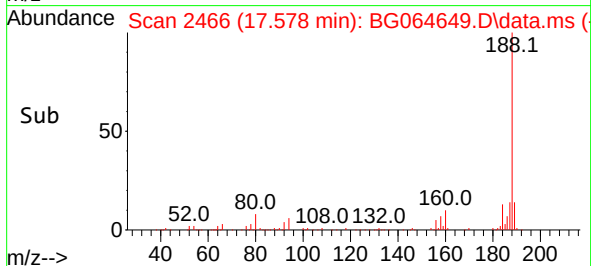
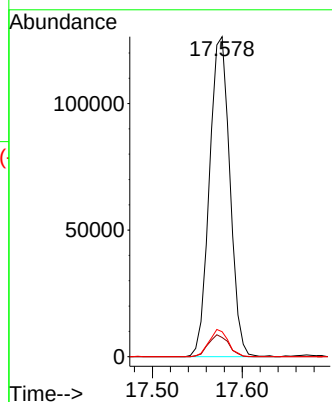
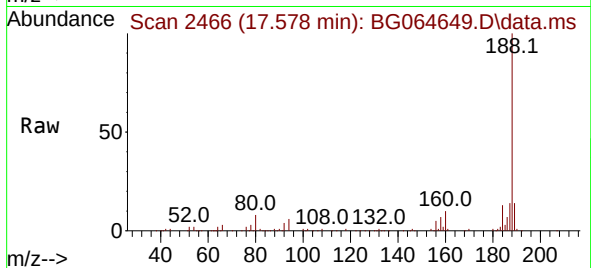
Tgt Ion:188 Resp: 199422

Ion Ratio Lower Upper

188 100

94 6.0 5.7 8.5

80 7.8 6.8 10.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.849 min Scan# 3193

Delta R.T. -0.014 min

Lab File: BG064649.D

Acq: 30 Oct 2025 20:32

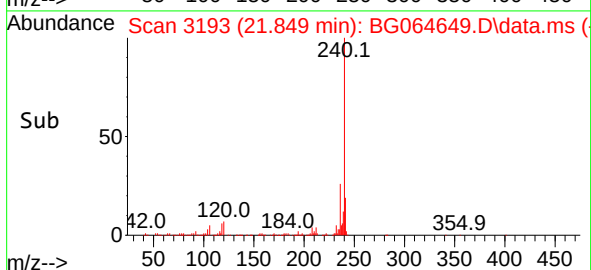
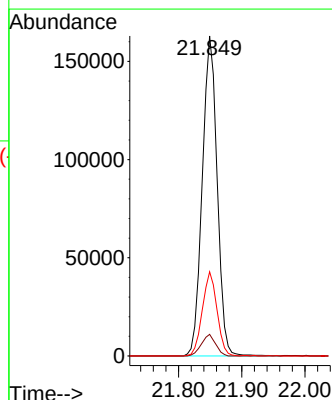
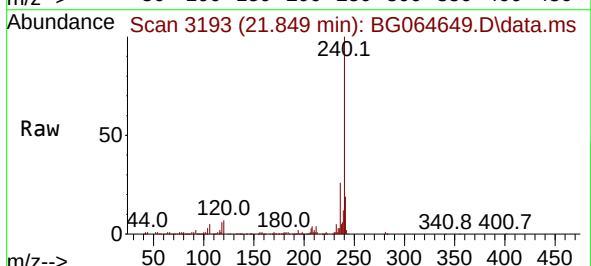
Tgt Ion:240 Resp: 266098

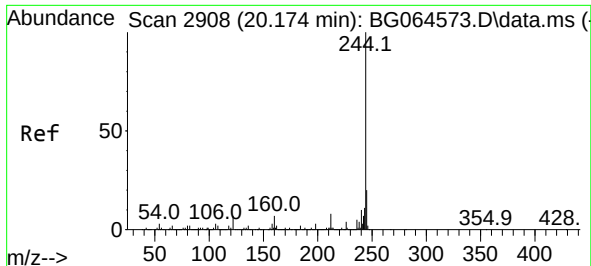
Ion Ratio Lower Upper

240 100

120 6.7 6.5 9.7

236 26.3 20.2 30.2

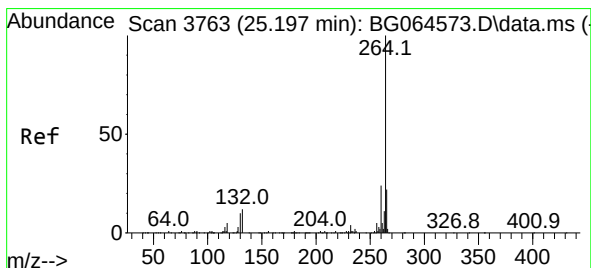
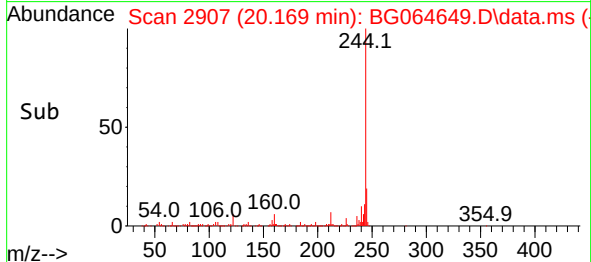
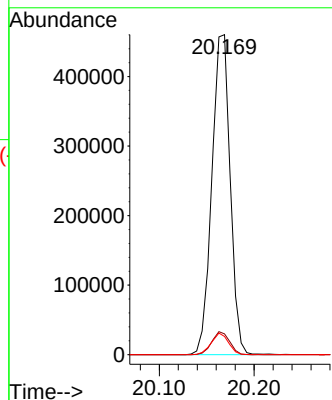
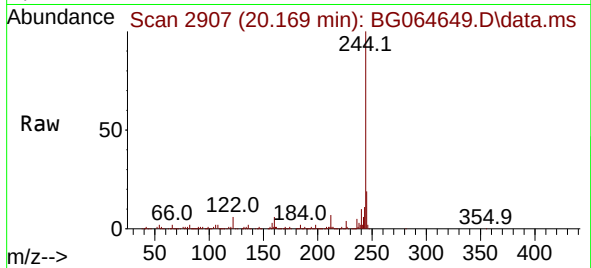




#79
 Terphenyl-d14
 Concen: 43.873 ng
 RT: 20.169 min Scan# 2907
 Delta R.T. -0.008 min
 Lab File: BG064649.D
 Acq: 30 Oct 2025 20:32

Instrument :
 BNA_G
 ClientSampleId :
 WC-1

Tgt Ion:244 Resp: 618629
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.1 9.1
 122 5.7 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.186 min Scan# 3761
 Delta R.T. -0.014 min
 Lab File: BG064649.D
 Acq: 30 Oct 2025 20:32

Tgt Ion:264 Resp: 299189
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.4
 265 21.8 17.6 26.4

