

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064578.D
 Acq On : 24 Oct 2025 17:28
 Operator : RC/JU
 Sample : PB170222BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170222BL

Quant Time: Oct 24 18:12:01 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	41612	20.000	ng	0.00
21) Naphthalene-d8	11.043	136	158602	20.000	ng	0.00
39) Acenaphthene-d10	14.838	164	127284	20.000	ng	0.00
64) Phenanthrene-d10	17.576	188	348229	20.000	ng	0.00
76) Chrysene-d12	21.853	240	389984	20.000	ng	0.00
86) Perylene-d12	25.197	264	412347	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.749	112	350796	141.500	ng	0.00
7) Phenol-d6	7.353	99	473750	139.261	ng	0.00
23) Nitrobenzene-d5	9.380	82	270907	102.593	ng	-0.01
42) 2,4,6-Tribromophenol	16.319	330	301199	163.954	ng	0.00
45) 2-Fluorobiphenyl	13.475	172	774263	92.202	ng	0.00
79) Terphenyl-d14	20.173	244	1963373	95.009	ng	0.00

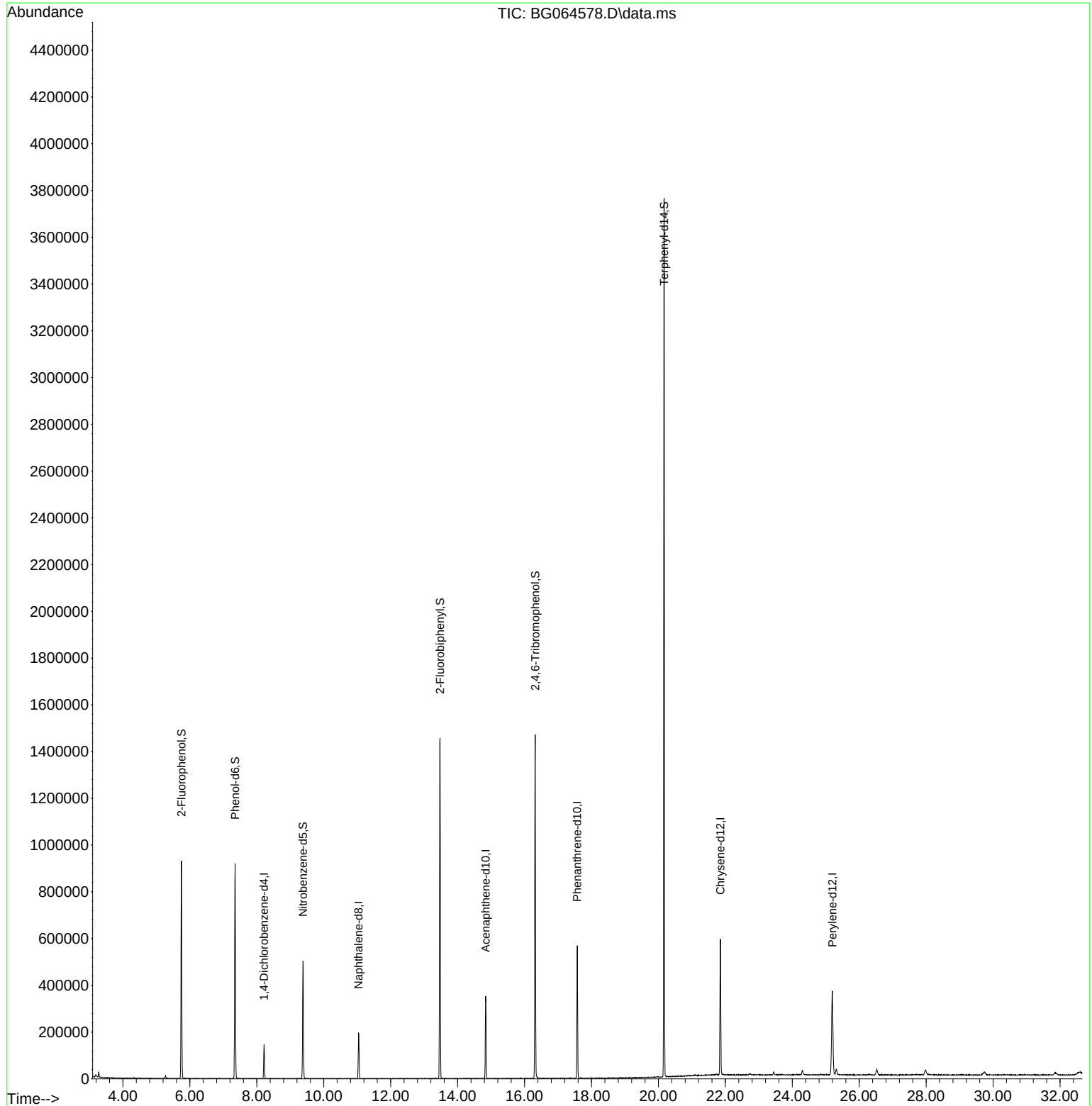
Target Compounds Qvalue

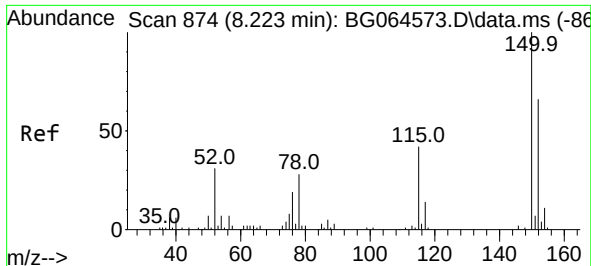
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064578.D
Acq On : 24 Oct 2025 17:28
Operator : RC/JU
Sample : PB170222BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170222BL

Quant Time: Oct 24 18:12:01 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

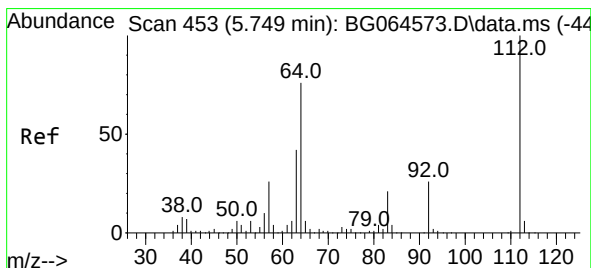
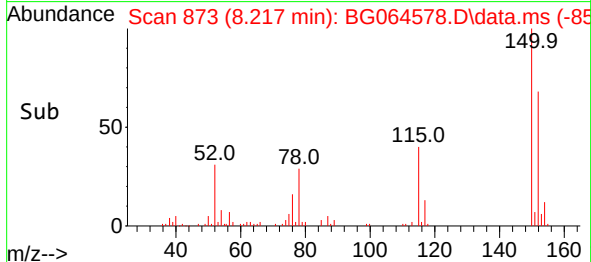
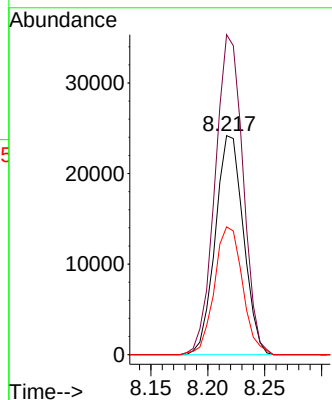
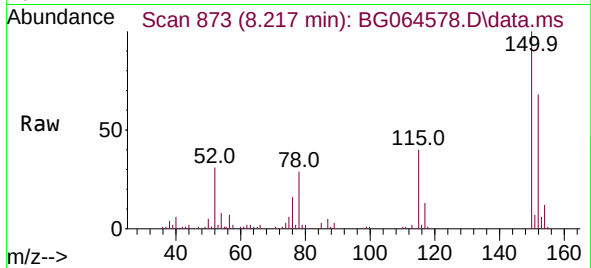




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.217 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG064578.D
Acq: 24 Oct 2025 17:28

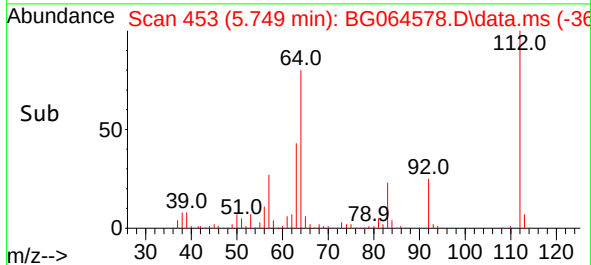
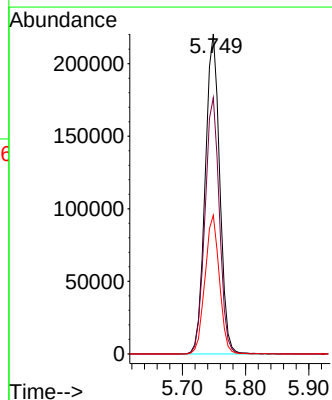
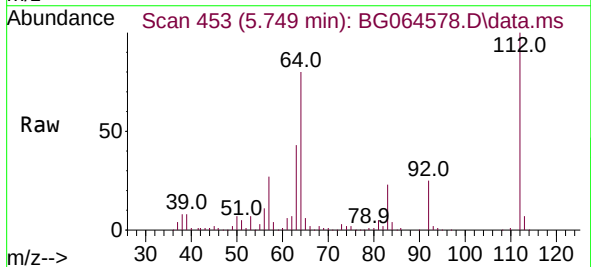
Instrument :
BNA_G
ClientSampleId :
PB170222BL

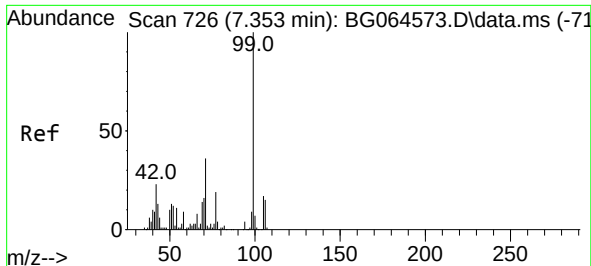
Tgt Ion:152 Resp: 41612
Ion Ratio Lower Upper
152 100
150 146.1 122.2 183.4
115 58.4 50.8 76.2



#5
2-Fluorophenol
Concen: 141.500 ng
RT: 5.749 min Scan# 453
Delta R.T. 0.002 min
Lab File: BG064578.D
Acq: 24 Oct 2025 17:28

Tgt Ion:112 Resp: 350796
Ion Ratio Lower Upper
112 100
64 80.1 60.7 91.1
63 43.3 33.4 50.0





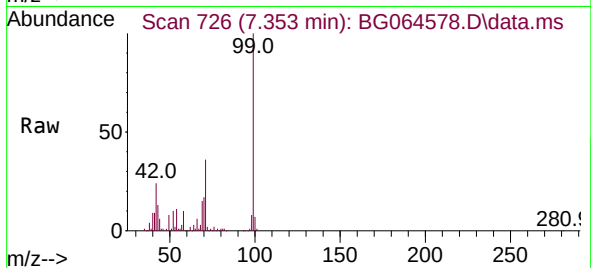
#7
Phenol-d6
Concen: 139.261 ng
RT: 7.353 min Scan# 71
Delta R.T. -0.004 min
Lab File: BG064578.D
Acq: 24 Oct 2025 17:28

Instrument :

BNA_G

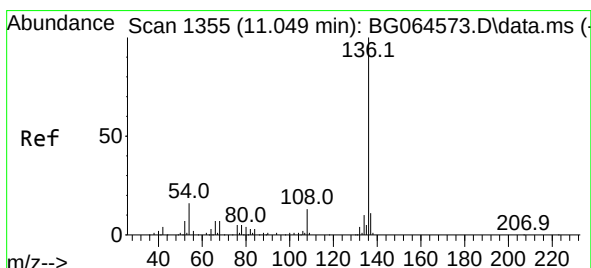
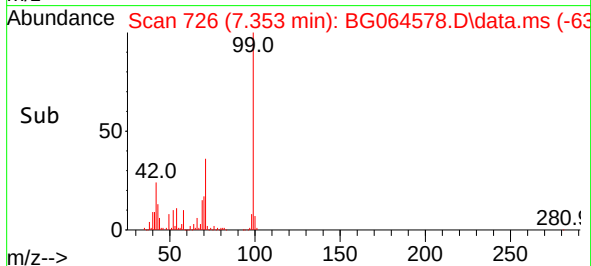
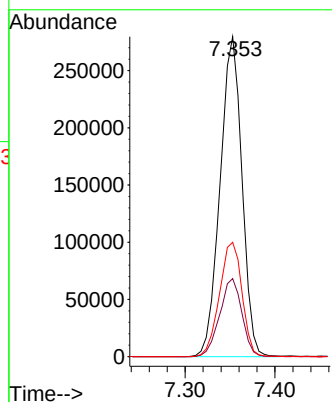
ClientSampleId :

PB170222BL



Tgt Ion: 99 Resp: 473750

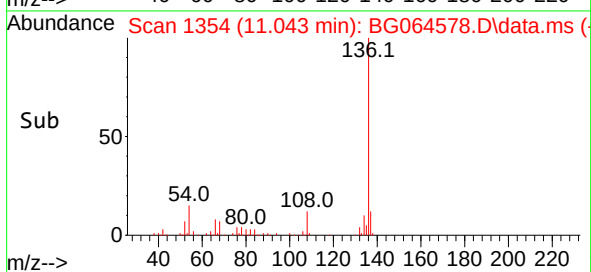
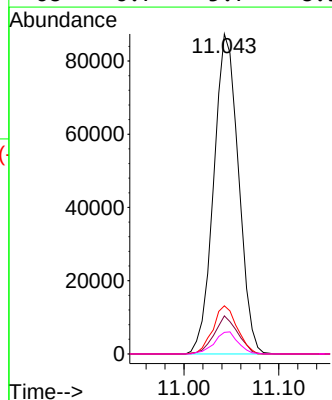
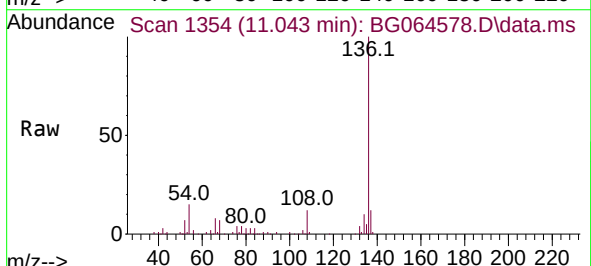
Ion	Ratio	Lower	Upper
99	100		
42	24.4	18.3	27.5
71	35.7	28.6	43.0

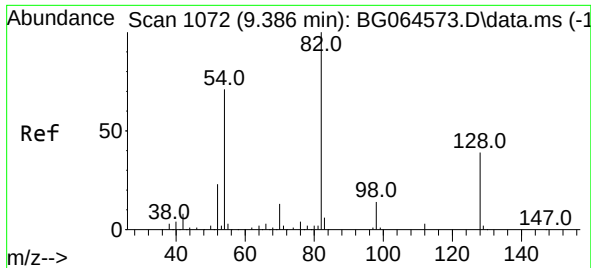


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.043 min Scan# 1354
Delta R.T. -0.010 min
Lab File: BG064578.D
Acq: 24 Oct 2025 17:28

Tgt Ion: 136 Resp: 158602

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.2	13.8
54	15.0	12.6	19.0
68	6.7	5.7	8.5

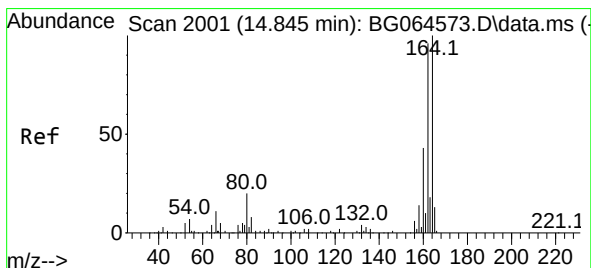
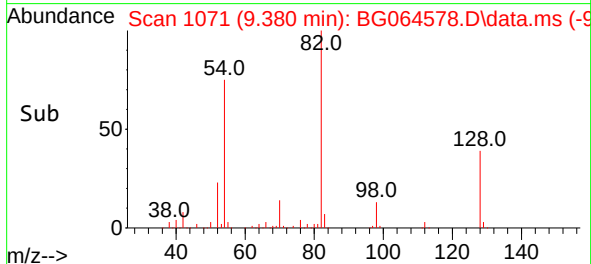
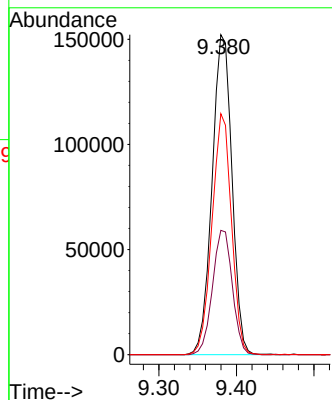
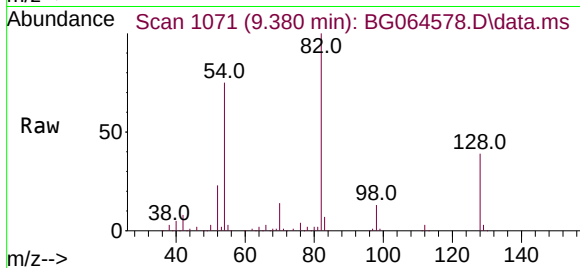




#23
Nitrobenzene-d5
Concen: 102.593 ng
RT: 9.380 min Scan# 10
Delta R.T. -0.010 min
Lab File: BG064578.D
Acq: 24 Oct 2025 17:28

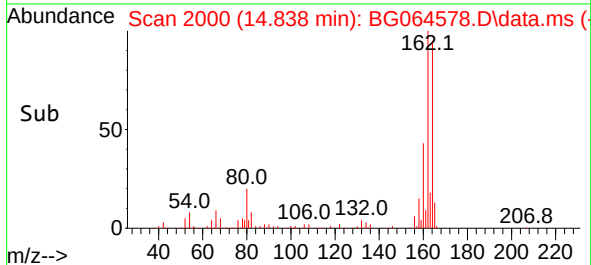
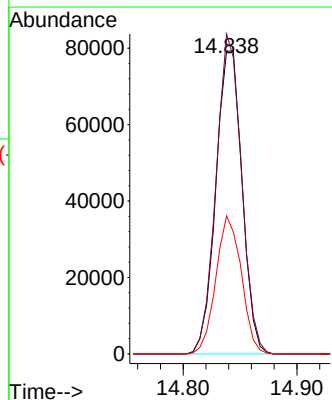
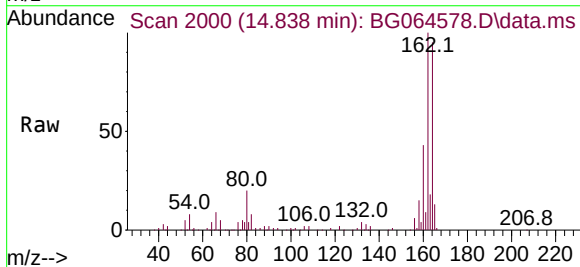
Instrument :
BNA_G
ClientSampleId :
PB170222BL

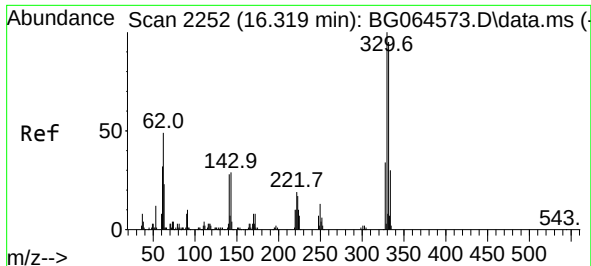
Tgt Ion: 82 Resp: 270907
Ion Ratio Lower Upper
82 100
128 38.8 31.3 46.9
54 75.3 56.6 84.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.838 min Scan# 2000
Delta R.T. -0.004 min
Lab File: BG064578.D
Acq: 24 Oct 2025 17:28

Tgt Ion: 164 Resp: 127284
Ion Ratio Lower Upper
164 100
162 105.7 77.0 115.6
160 45.6 34.4 51.6

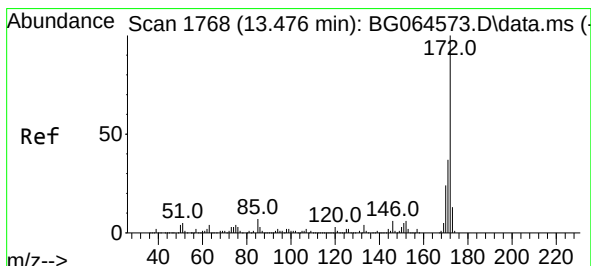
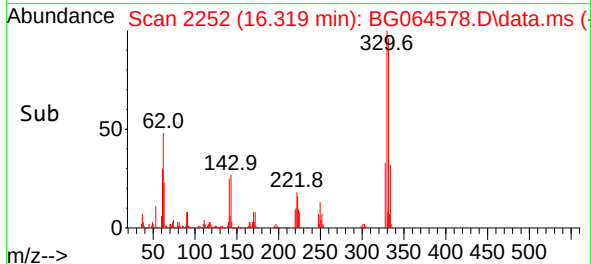
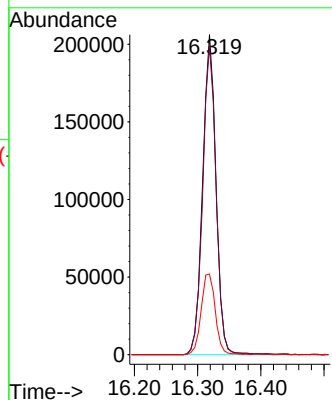
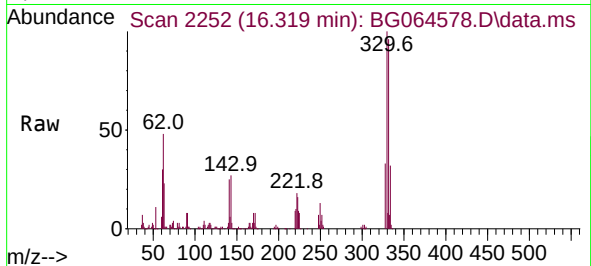




#42
2,4,6-Tribromophenol
Concen: 163.954 ng
RT: 16.319 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064578.D
Acq: 24 Oct 2025 17:28

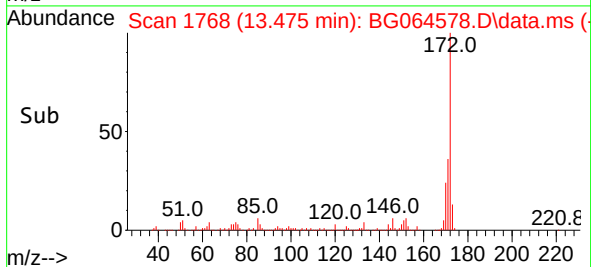
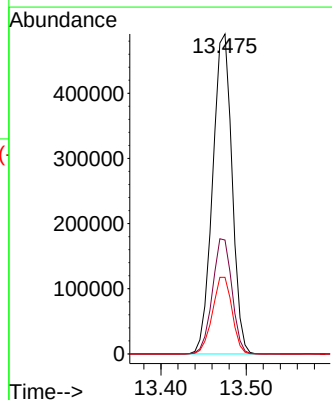
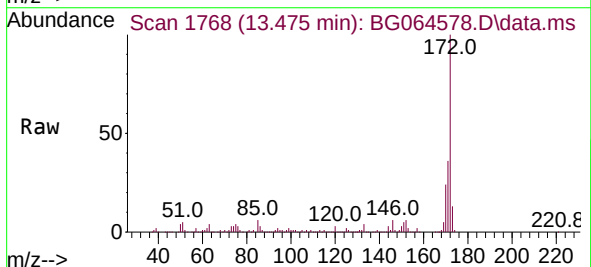
Instrument :
BNA_G
ClientSampleId :
PB170222BL

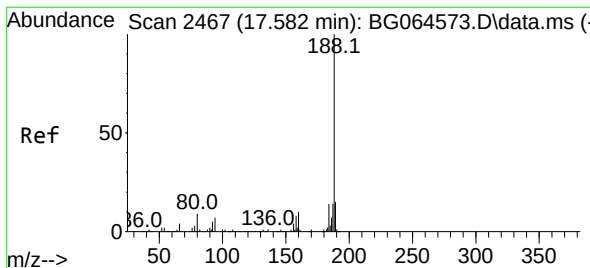
Tgt Ion:330 Resp: 301199
Ion Ratio Lower Upper
330 100
332 96.6 78.0 117.0
141 26.8 21.8 32.6



#45
2-Fluorobiphenyl
Concen: 92.202 ng
RT: 13.475 min Scan# 1768
Delta R.T. -0.004 min
Lab File: BG064578.D
Acq: 24 Oct 2025 17:28

Tgt Ion:172 Resp: 774263
Ion Ratio Lower Upper
172 100
171 35.6 29.4 44.0
170 23.9 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.576 min Scan# 24

Delta R.T. -0.004 min

Lab File: BG064578.D

Acq: 24 Oct 2025 17:28

Instrument :

BNA_G

ClientSampleId :

PB170222BL

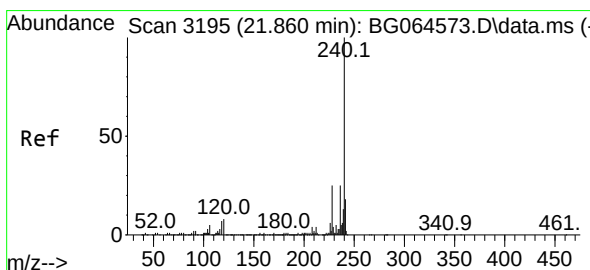
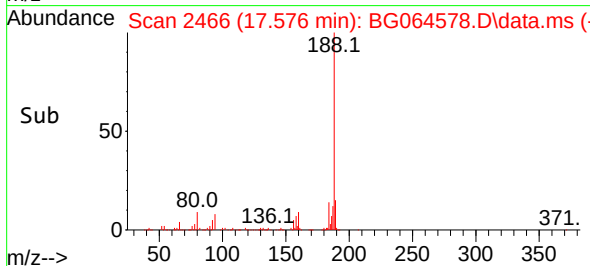
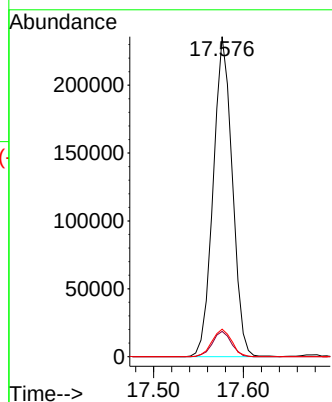
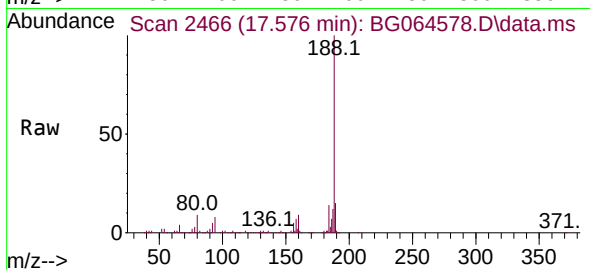
Tgt Ion:188 Resp: 348229

Ion Ratio Lower Upper

188 100

94 7.9 5.7 8.5

80 8.6 6.8 10.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.853 min Scan# 3194

Delta R.T. -0.010 min

Lab File: BG064578.D

Acq: 24 Oct 2025 17:28

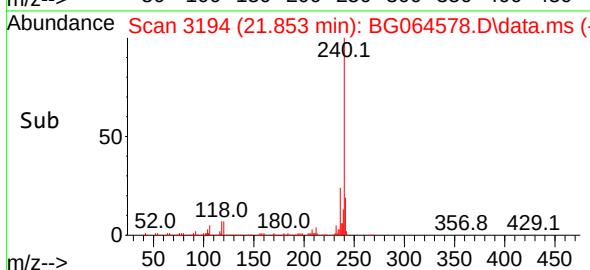
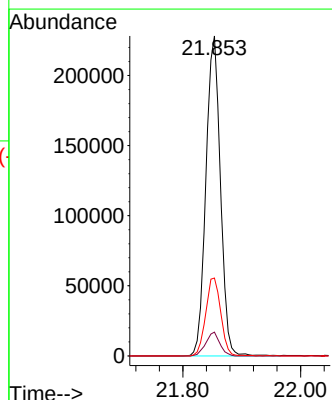
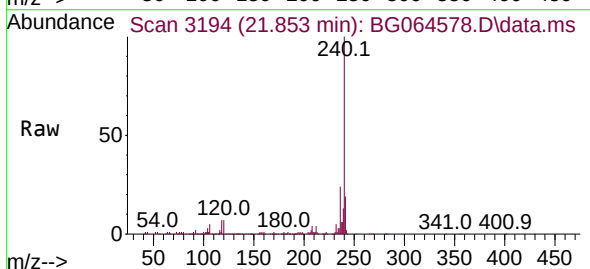
Tgt Ion:240 Resp: 389984

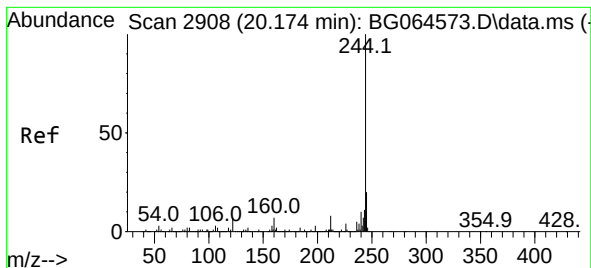
Ion Ratio Lower Upper

240 100

120 7.4 6.5 9.7

236 24.3 20.2 30.2





#79

Terphenyl-d14

Concen: 95.009 ng

RT: 20.173 min Scan# 2908

Delta R.T. -0.004 min

Lab File: BG064578.D

Acq: 24 Oct 2025 17:28

Instrument :

BNA_G

ClientSampleId :

PB170222BL

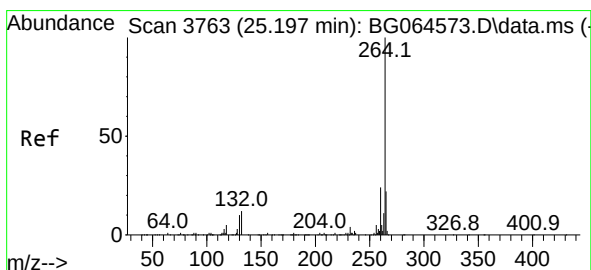
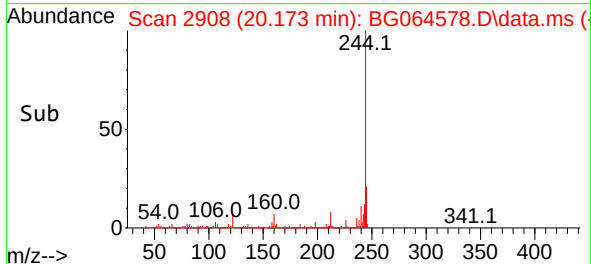
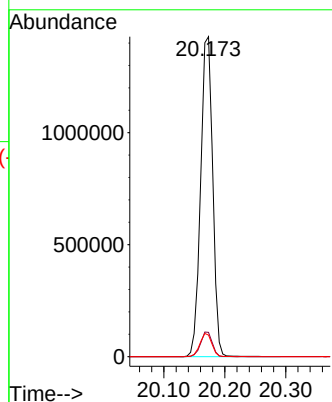
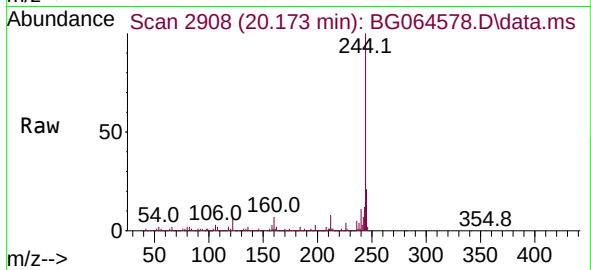
Tgt Ion:244 Resp: 1963373

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

122 6.7 5.6 8.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.197 min Scan# 3763

Delta R.T. -0.004 min

Lab File: BG064578.D

Acq: 24 Oct 2025 17:28

Tgt Ion:264 Resp: 412347

Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.4

265 21.5 17.6 26.4

