

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
 Data File : BG064661.D
 Acq On : 31 Oct 2025 18:16
 Operator : RC/JU
 Sample : Q3495-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1025-1

Quant Time: Oct 31 18:57:05 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	34654	20.000	ng	0.00
21) Naphthalene-d8	11.044	136	149932	20.000	ng	0.00
39) Acenaphthene-d10	14.840	164	117242	20.000	ng	0.00
64) Phenanthrene-d10	17.578	188	256901	20.000	ng	0.00
76) Chrysene-d12	21.849	240	284288	20.000	ng	-0.01
86) Perylene-d12	25.198	264	312271	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.750	112	106181	51.430	ng	0.00
7) Phenol-d6	7.354	99	153187	54.072	ng	0.00
23) Nitrobenzene-d5	9.381	82	98484	39.453	ng	0.00
42) 2,4,6-Tribromophenol	16.320	330	99084	58.555	ng	0.00
45) 2-Fluorobiphenyl	13.471	172	277463	35.871	ng	0.00
79) Terphenyl-d14	20.163	244	510907	33.915	ng	-0.01

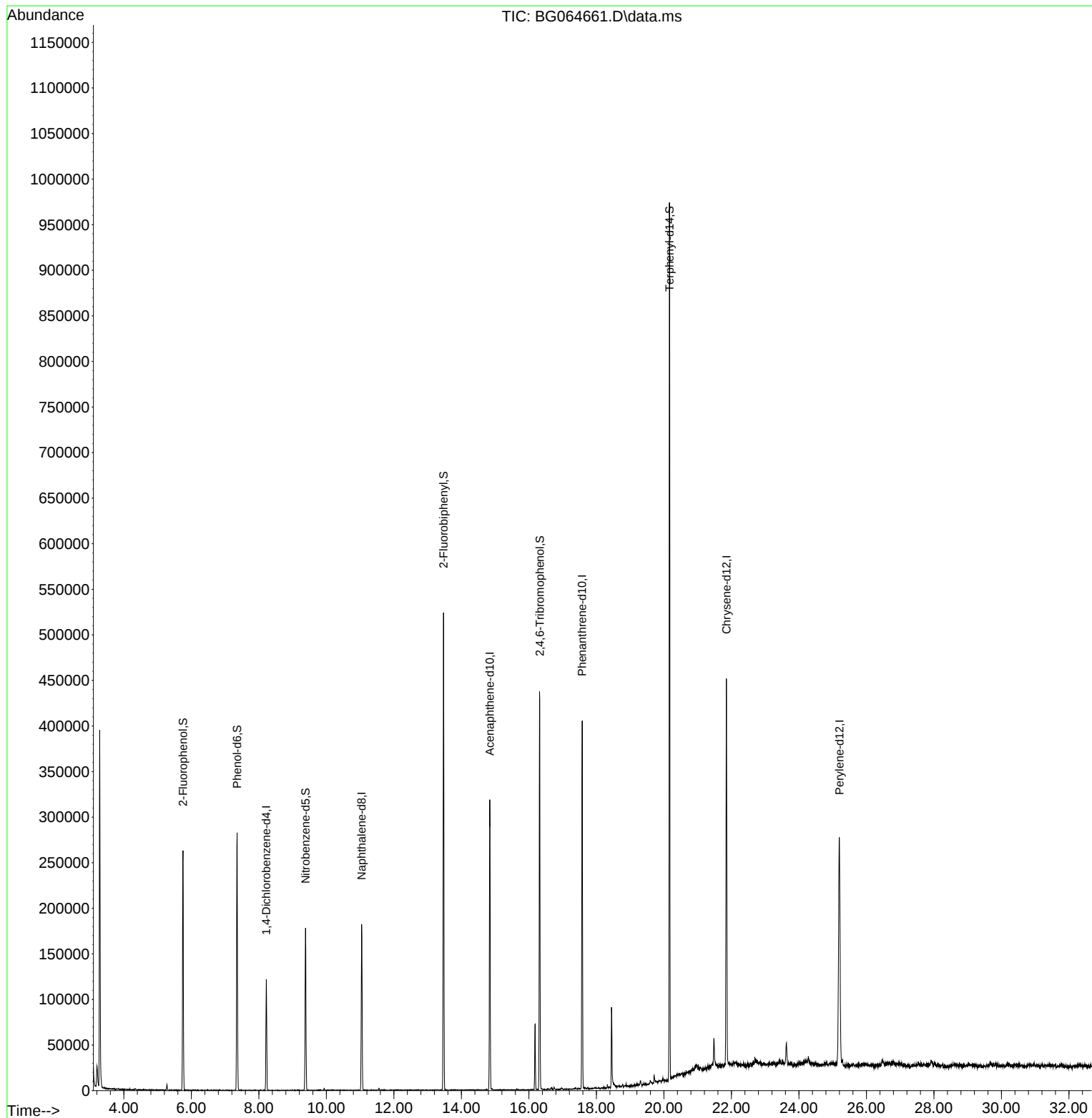
Target Compounds	Qvalue

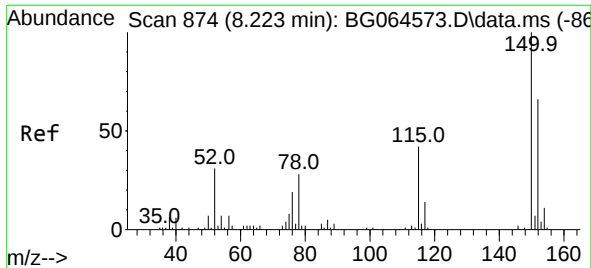
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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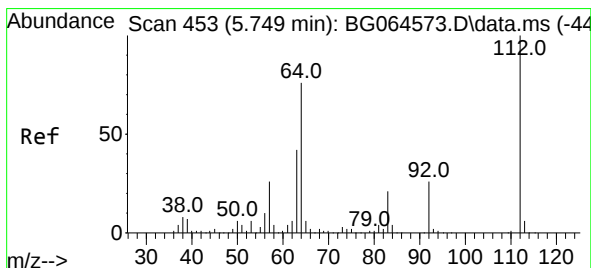
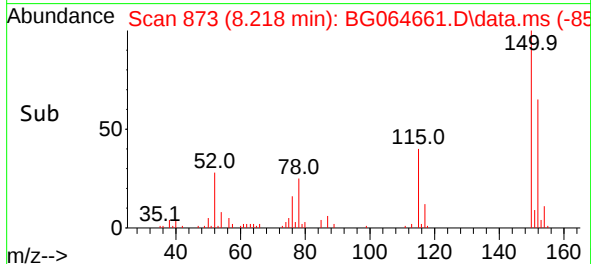
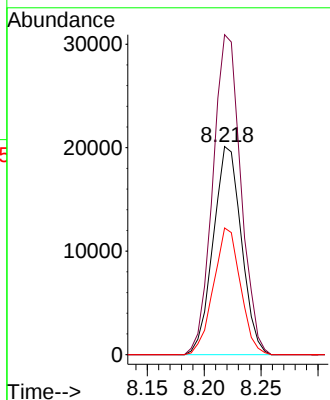
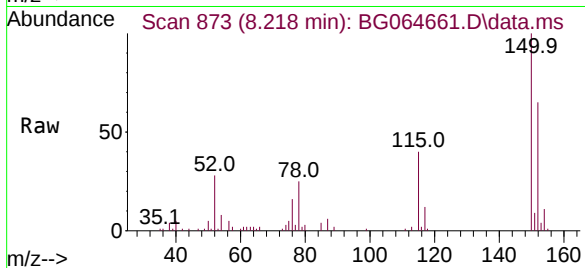




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.218 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG064661.D
Acq: 31 Oct 2025 18:16

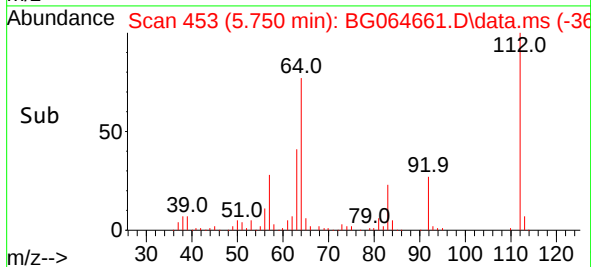
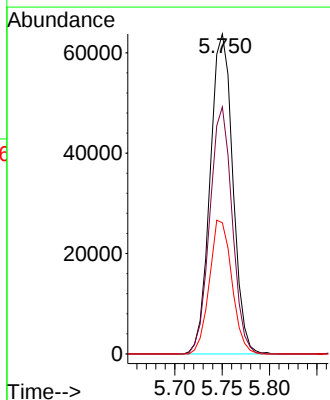
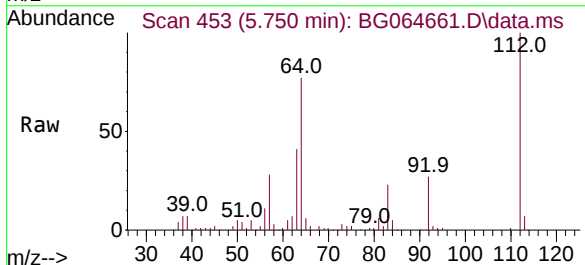
Instrument :
BNA_G
ClientSampleId :
SB-1025-1

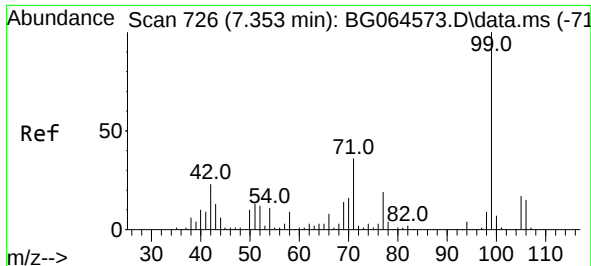
Tgt Ion:152 Resp: 34654
Ion Ratio Lower Upper
152 100
150 153.8 122.2 183.4
115 60.8 50.8 76.2



#5
2-Fluorophenol
Concen: 51.430 ng
RT: 5.750 min Scan# 453
Delta R.T. 0.003 min
Lab File: BG064661.D
Acq: 31 Oct 2025 18:16

Tgt Ion:112 Resp: 106181
Ion Ratio Lower Upper
112 100
64 77.2 60.7 91.1
63 41.0 33.4 50.0

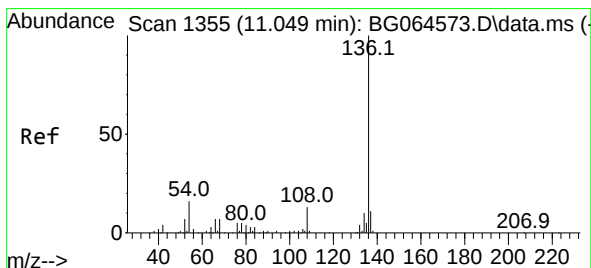
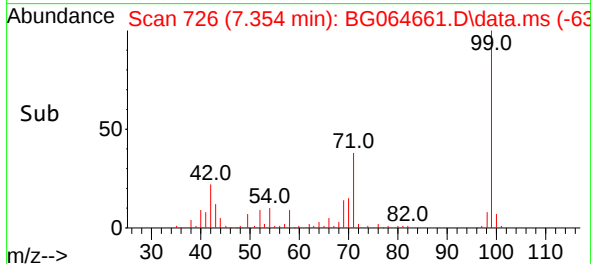
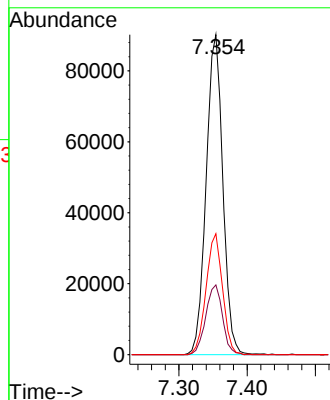
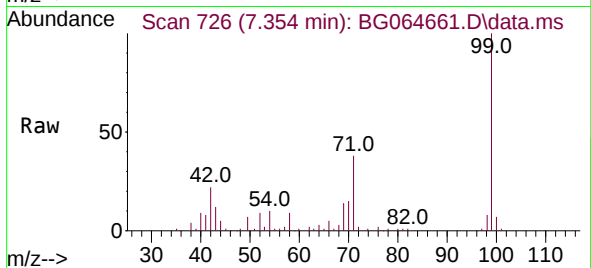




#7
Phenol-d6
Concen: 54.072 ng
RT: 7.354 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG064661.D
Acq: 31 Oct 2025 18:16

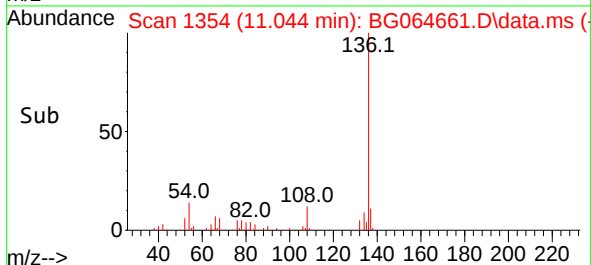
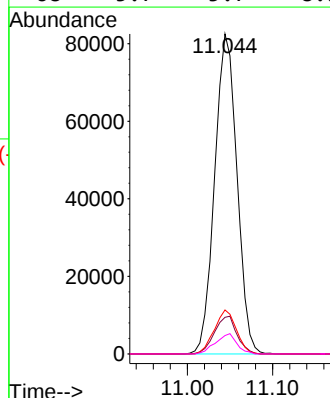
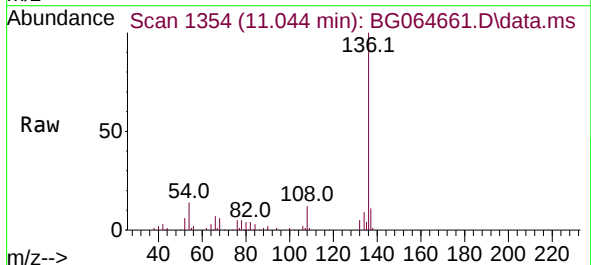
Instrument :
BNA_G
ClientSampleId :
SB-1025-1

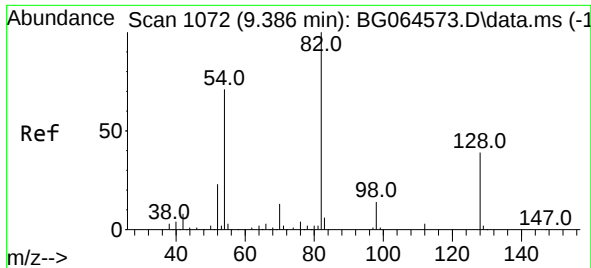
Tgt Ion: 99 Resp: 153187
Ion Ratio Lower Upper
99 100
42 21.8 18.3 27.5
71 37.8 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.044 min Scan# 1354
Delta R.T. -0.008 min
Lab File: BG064661.D
Acq: 31 Oct 2025 18:16

Tgt Ion:136 Resp: 149932
Ion Ratio Lower Upper
136 100
137 11.4 9.2 13.8
54 13.7 12.6 19.0
68 5.7 5.7 8.5

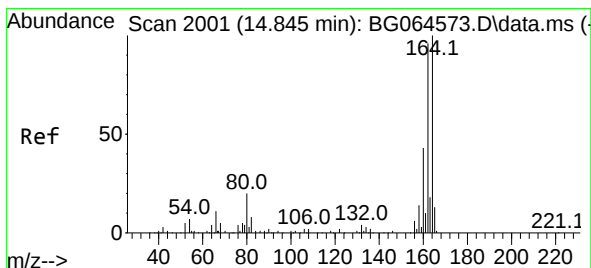
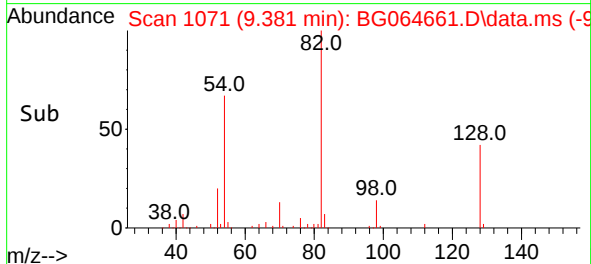
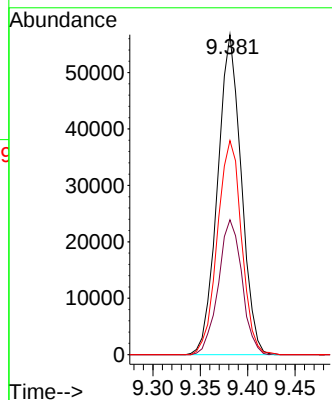
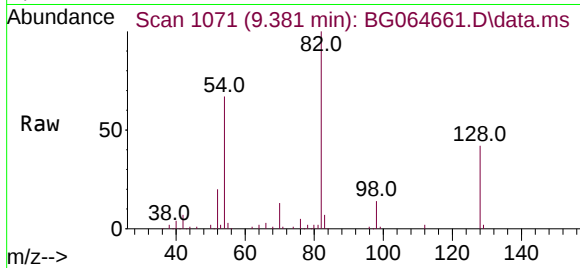




#23
Nitrobenzene-d5
Concen: 39.453 ng
RT: 9.381 min Scan# 1072
Delta R.T. -0.009 min
Lab File: BG064661.D
Acq: 31 Oct 2025 18:16

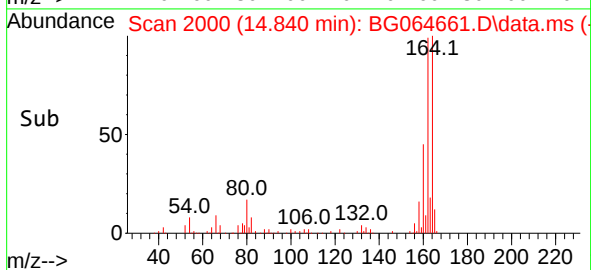
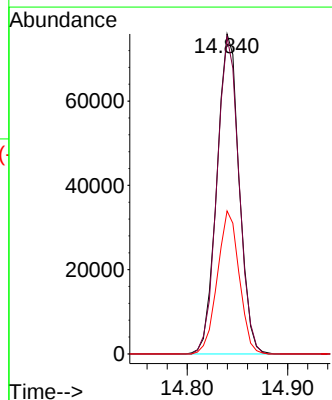
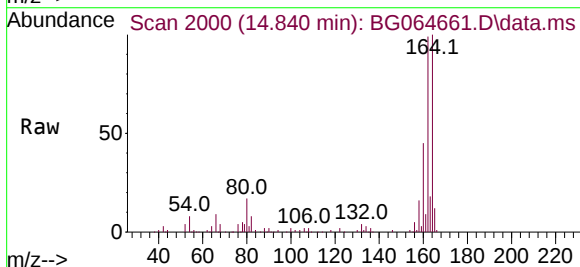
Instrument :
BNA_G
ClientSampleId :
SB-1025-1

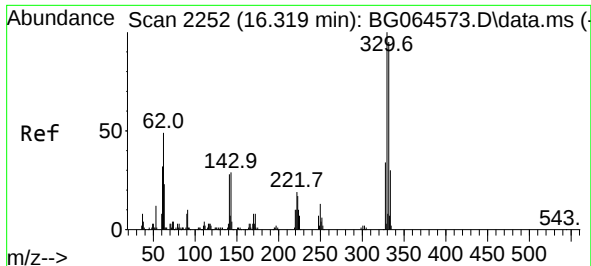
Tgt Ion: 82 Resp: 98484
Ion Ratio Lower Upper
82 100
128 42.1 31.3 46.9
54 66.9 56.6 84.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.840 min Scan# 2000
Delta R.T. -0.003 min
Lab File: BG064661.D
Acq: 31 Oct 2025 18:16

Tgt Ion: 164 Resp: 117242
Ion Ratio Lower Upper
164 100
162 99.1 77.0 115.6
160 44.7 34.4 51.6

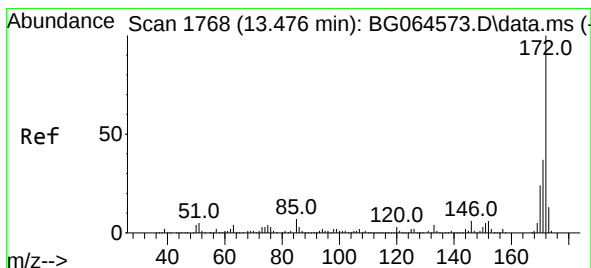
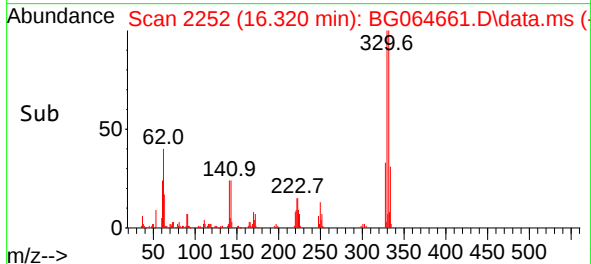
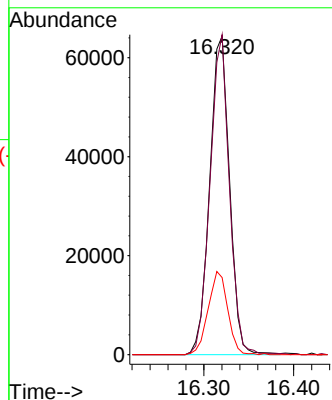
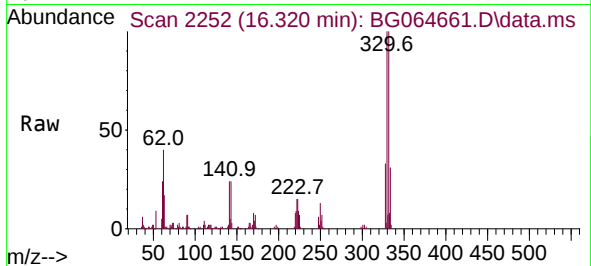




#42
2,4,6-Tribromophenol
Concen: 58.555 ng
RT: 16.320 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064661.D
Acq: 31 Oct 2025 18:16

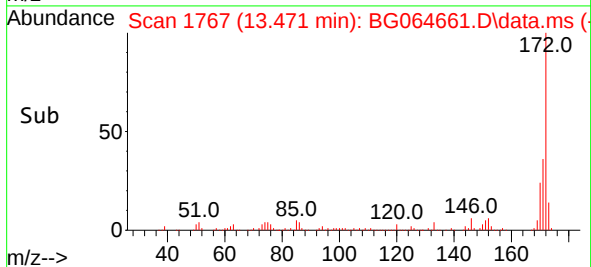
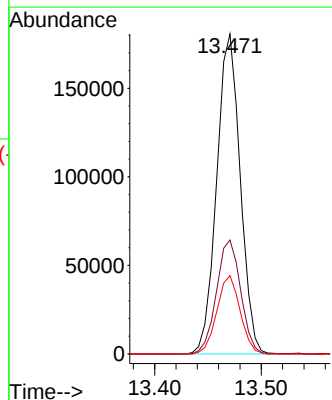
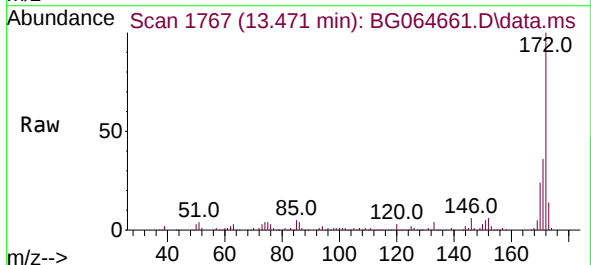
Instrument :
BNA_G
ClientSampleId :
SB-1025-1

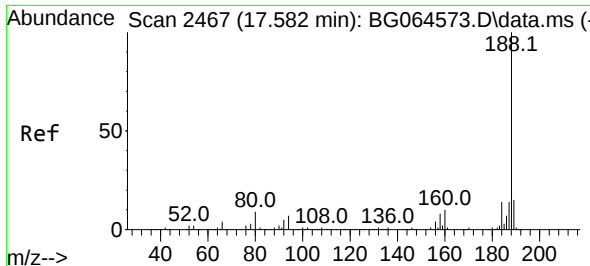
Tgt Ion:330 Resp: 99084
Ion Ratio Lower Upper
330 100
332 97.4 78.0 117.0
141 25.7 21.8 32.6



#45
2-Fluorobiphenyl
Concen: 35.871 ng
RT: 13.471 min Scan# 1767
Delta R.T. -0.008 min
Lab File: BG064661.D
Acq: 31 Oct 2025 18:16

Tgt Ion:172 Resp: 277463
Ion Ratio Lower Upper
172 100
171 35.6 29.4 44.0
170 24.5 19.1 28.7

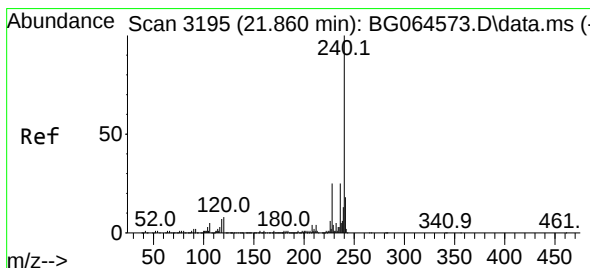
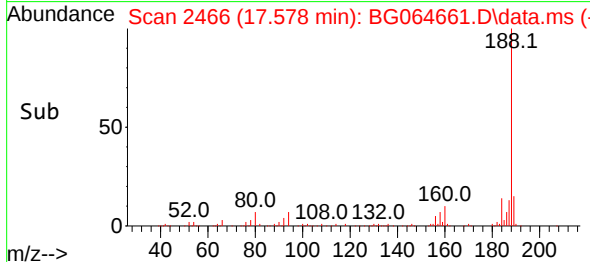
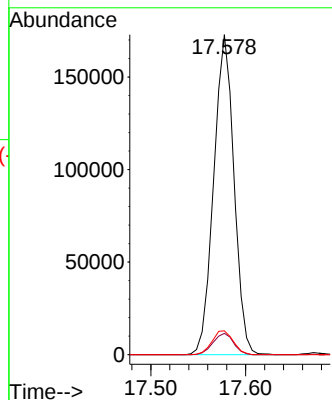
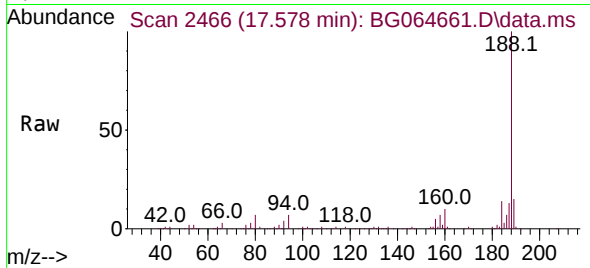




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.578 min Scan# 2466
Delta R.T. -0.002 min
Lab File: BG064661.D
Acq: 31 Oct 2025 18:16

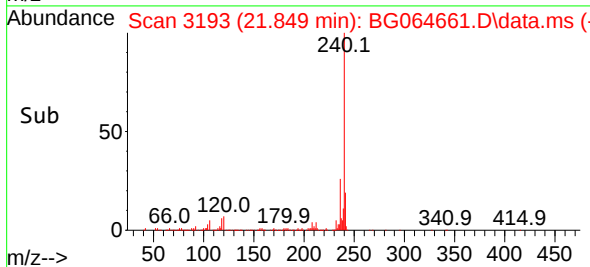
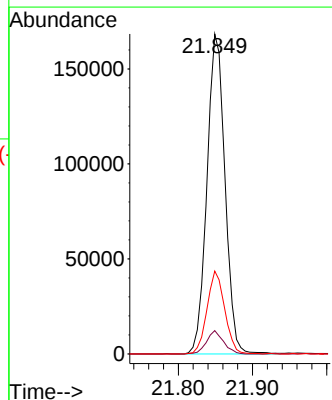
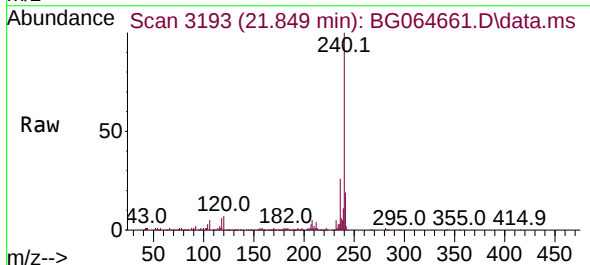
Instrument :
BNA_G
ClientSampleId :
SB-1025-1

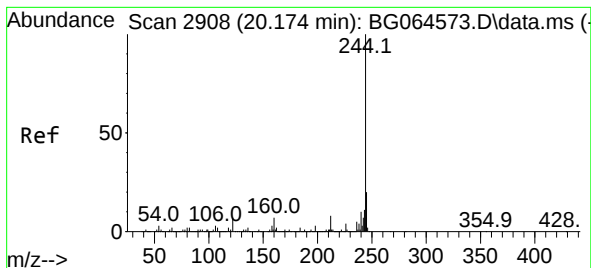
Tgt Ion:188 Resp: 256901
Ion Ratio Lower Upper
188 100
94 6.6 5.7 8.5
80 7.4 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.849 min Scan# 3193
Delta R.T. -0.014 min
Lab File: BG064661.D
Acq: 31 Oct 2025 18:16

Tgt Ion:240 Resp: 284288
Ion Ratio Lower Upper
240 100
120 7.3 6.5 9.7
236 25.9 20.2 30.2





#79

Terphenyl-d14

Concen: 33.915 ng

RT: 20.163 min Scan# 2906

Delta R.T. -0.014 min

Lab File: BG064661.D

Acq: 31 Oct 2025 18:16

Instrument :

BNA_G

ClientSampleId :

SB-1025-1

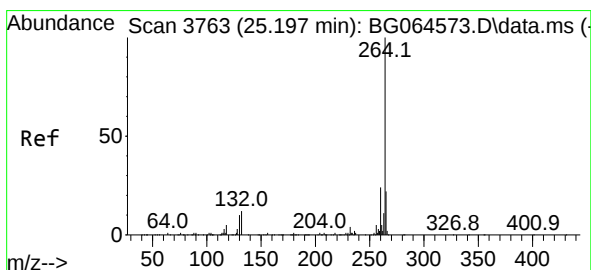
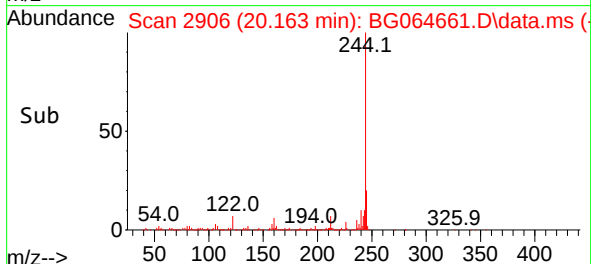
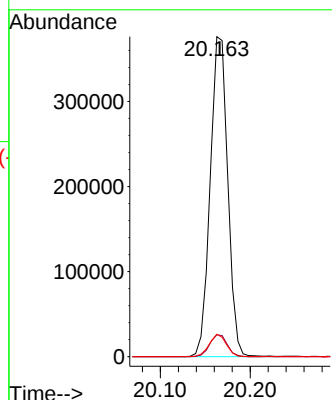
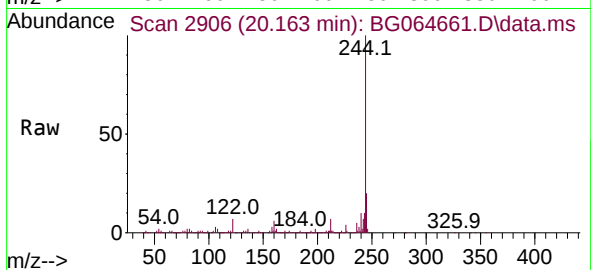
Tgt Ion:244 Resp: 510907

Ion Ratio Lower Upper

244 100

212 6.8 6.1 9.1

122 7.0 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: BG064661.D

Acq: 31 Oct 2025 18:16

Tgt Ion:264 Resp: 312271

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.4

265 20.6 17.6 26.4

