

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120925\
 Data File : BG064906.D
 Acq On : 9 Dec 2025 15:39
 Operator : RC/JU
 Sample : Q3800-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ETGI-288

Quant Time: Dec 09 16:22:07 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.150	152	25289	20.000	ng	-0.02
21) Naphthalene-d8	10.964	136	100169	20.000	ng	#-0.02
39) Acenaphthene-d10	14.765	164	91375	20.000	ng	-0.01
64) Phenanthrene-d10	17.492	188	223127	20.000	ng	#-0.01
76) Chrysene-d12	21.740	240	277372	20.000	ng	#-0.02
86) Perylene-d12	24.995	264	311452	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.682	112	27675	19.110	ng	-0.02
7) Phenol-d6	7.292	99	51793	26.889	ng	-0.02
23) Nitrobenzene-d5	9.313	82	69465	34.288	ng	-0.02
42) 2,4,6-Tribromophenol	16.240	330	116879	65.585	ng	-0.01
45) 2-Fluorobiphenyl	13.396	172	297032	45.358	ng	-0.01
79) Terphenyl-d14	20.077	244	804854	57.079	ng	-0.02

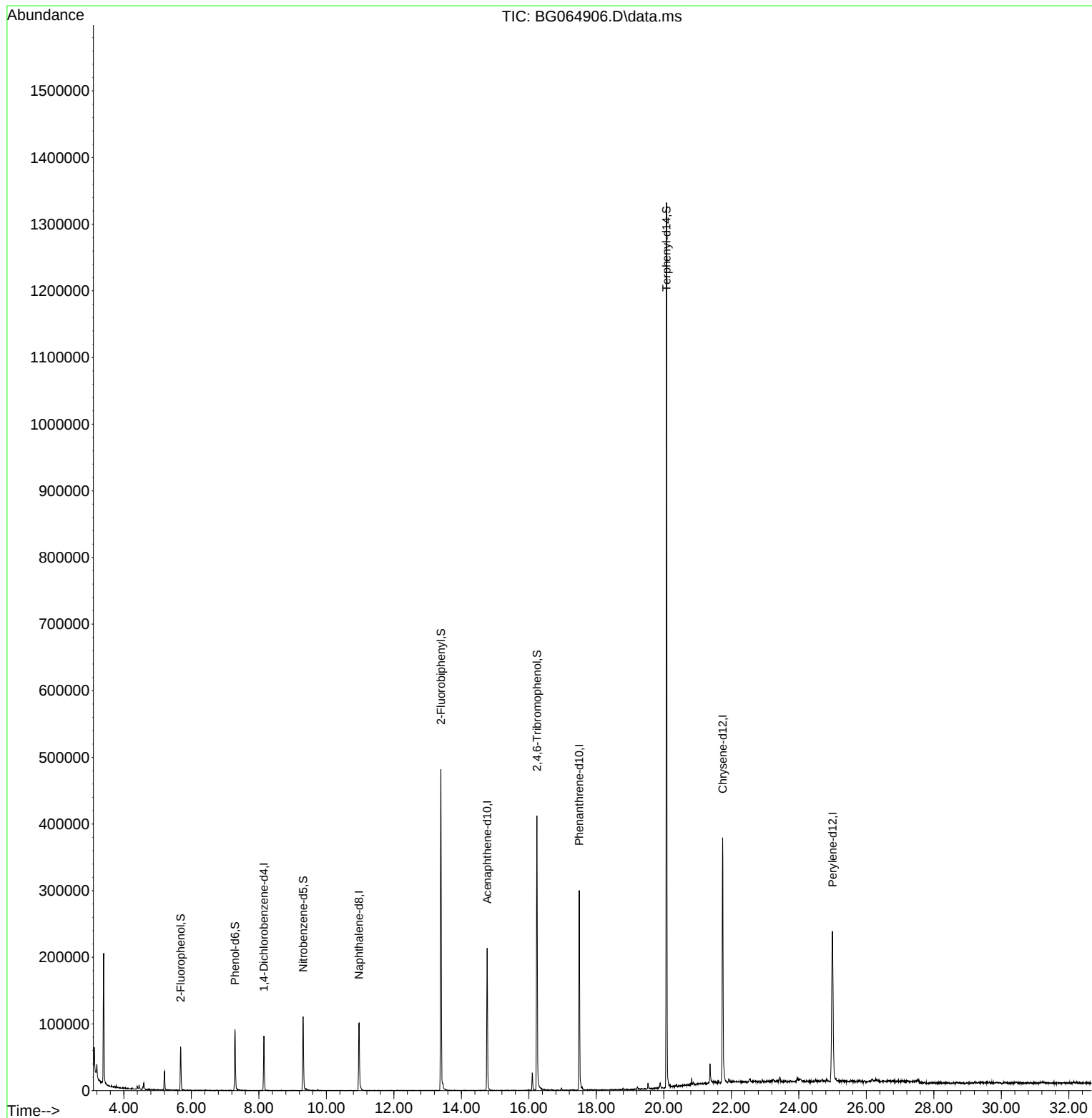
Target Compounds	Qvalue

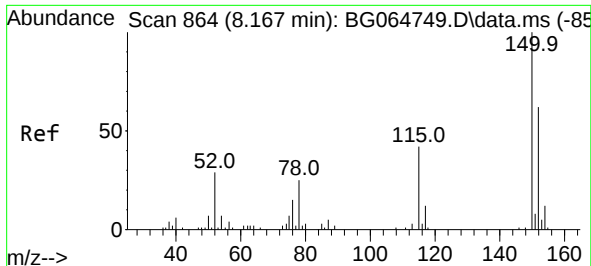
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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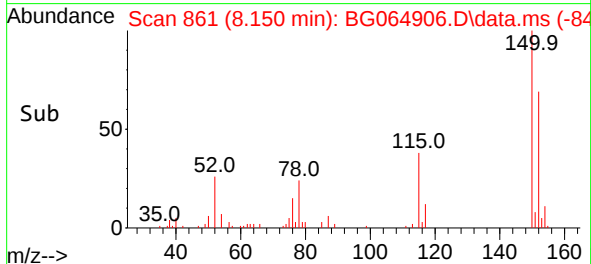
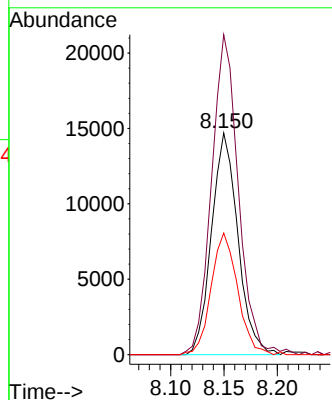
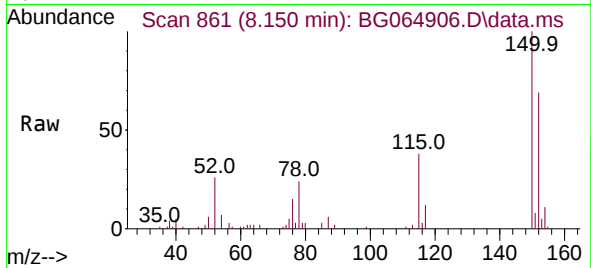




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.150 min Scan# 80
Delta R.T. -0.017 min
Lab File: BG064906.D
Acq: 9 Dec 2025 15:39

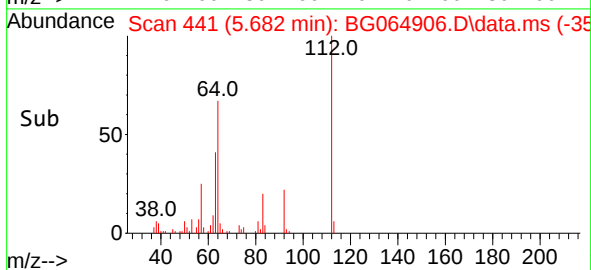
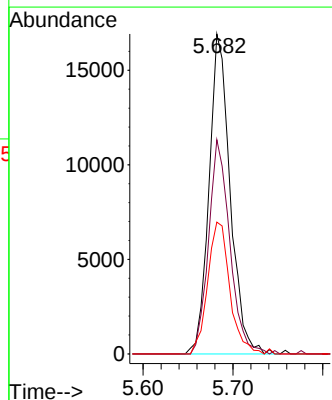
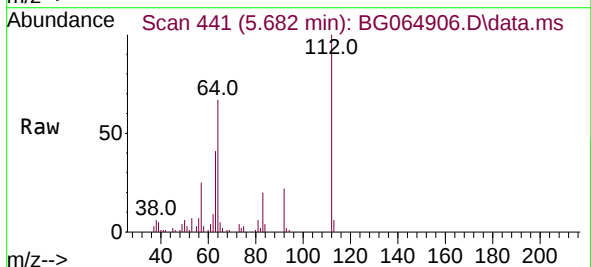
Instrument :
BNA_G
ClientSampleId :
ETGI-288

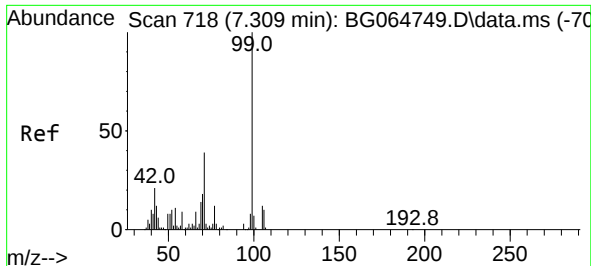
Tgt Ion:152 Resp: 25289
Ion Ratio Lower Upper
152 100
150 144.4 129.2 193.8
115 54.8 53.7 80.5



#5
2-Fluorophenol
Concen: 19.110 ng
RT: 5.682 min Scan# 441
Delta R.T. -0.018 min
Lab File: BG064906.D
Acq: 9 Dec 2025 15:39

Tgt Ion:112 Resp: 27675
Ion Ratio Lower Upper
112 100
64 66.9 61.0 91.4
63 41.2 33.3 49.9

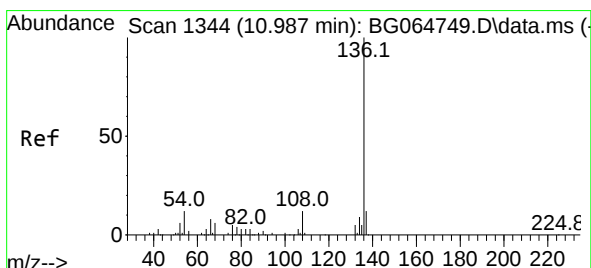
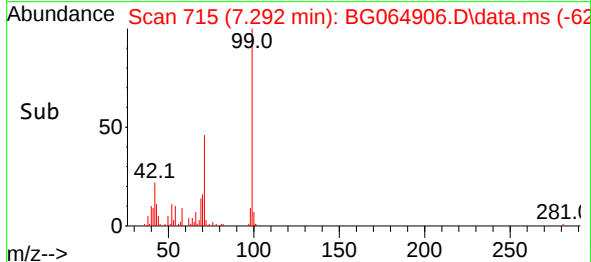
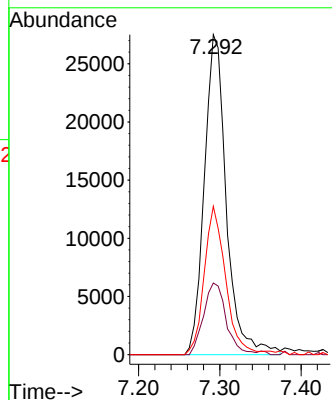
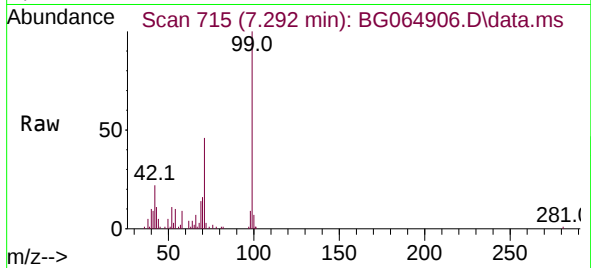




#7
Phenol-d6
Concen: 26.889 ng
RT: 7.292 min Scan# 718
Delta R.T. -0.018 min
Lab File: BG064906.D
Acq: 9 Dec 2025 15:39

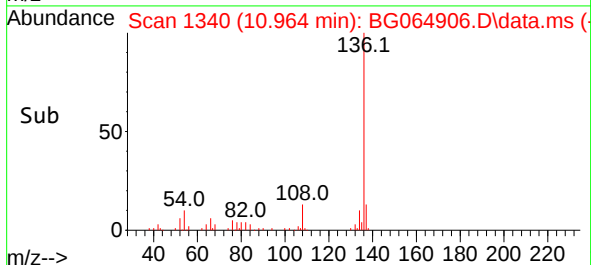
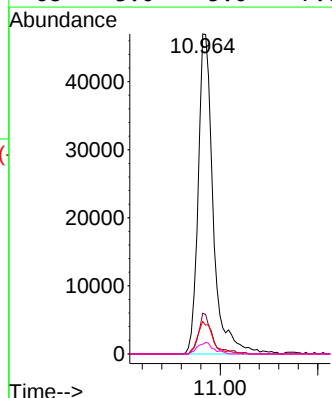
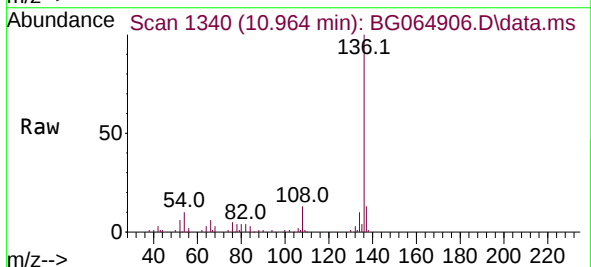
Instrument :
BNA_G
ClientSampleId :
ETGI-288

Tgt Ion: 99 Resp: 51793
Ion Ratio Lower Upper
99 100
42 22.4 16.8 25.2
71 46.3 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.964 min Scan# 1340
Delta R.T. -0.023 min
Lab File: BG064906.D
Acq: 9 Dec 2025 15:39

Tgt Ion: 136 Resp: 100169
Ion Ratio Lower Upper
136 100
137 12.7 9.3 13.9
54 10.1 9.3 13.9
68 3.0 5.0 7.6#





#23

Nitrobenzene-d5

Concen: 34.288 ng

RT: 9.313 min Scan# 10

Delta R.T. -0.018 min

Lab File: BG064906.D

Acq: 9 Dec 2025 15:39

Instrument :

BNA_G

ClientSampleId :

ETGI-288

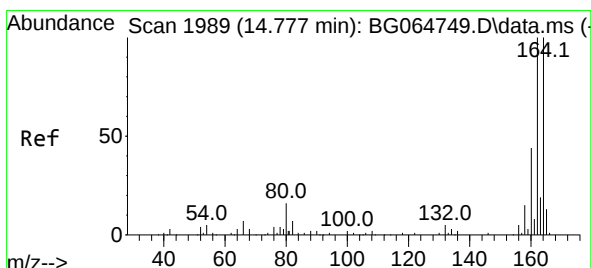
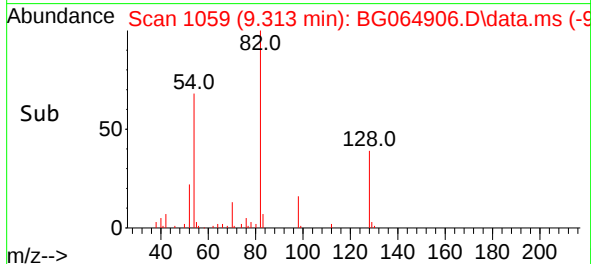
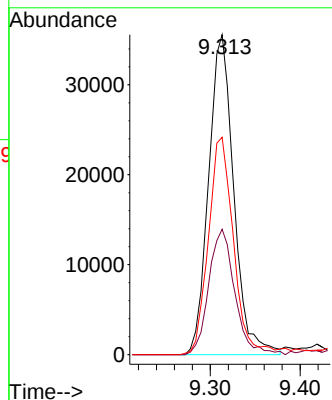
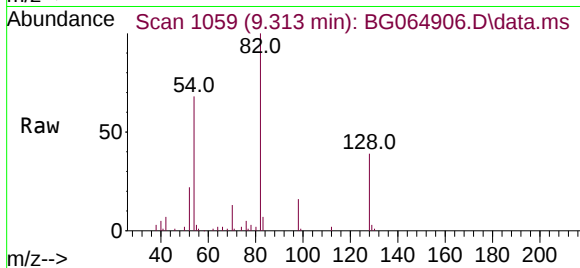
Tgt Ion: 82 Resp: 69465

Ion Ratio Lower Upper

82 100

128 39.2 34.1 51.1

54 67.9 54.3 81.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.765 min Scan# 1987

Delta R.T. -0.012 min

Lab File: BG064906.D

Acq: 9 Dec 2025 15:39

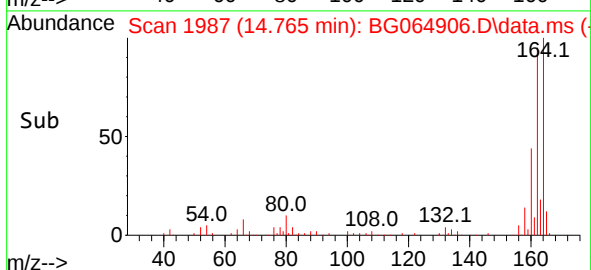
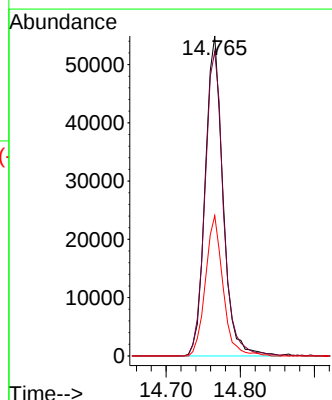
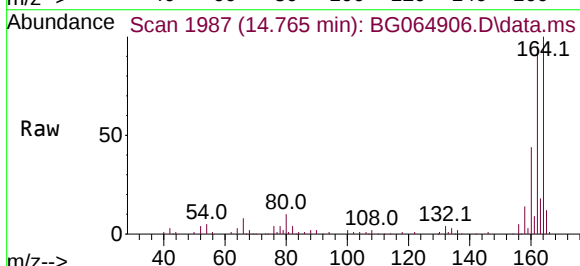
Tgt Ion:164 Resp: 91375

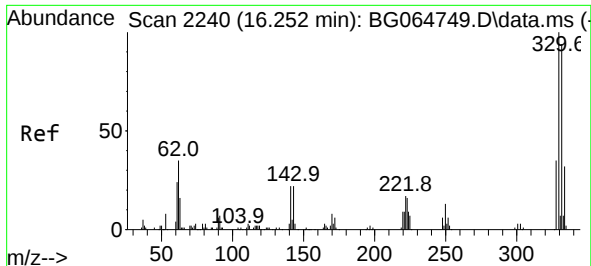
Ion Ratio Lower Upper

164 100

162 95.1 79.8 119.6

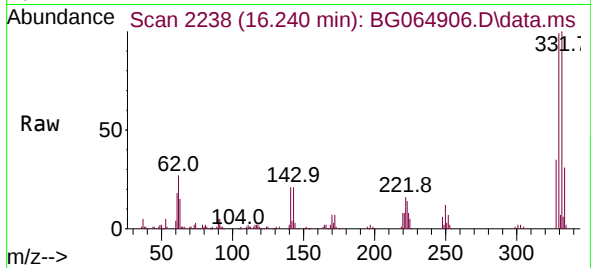
160 43.8 34.9 52.3



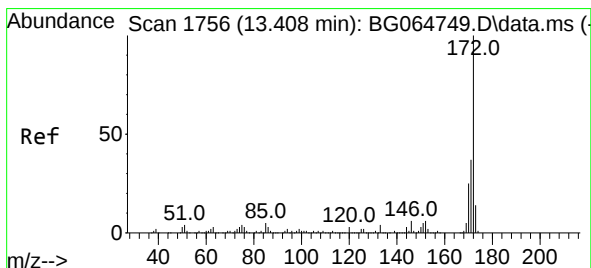
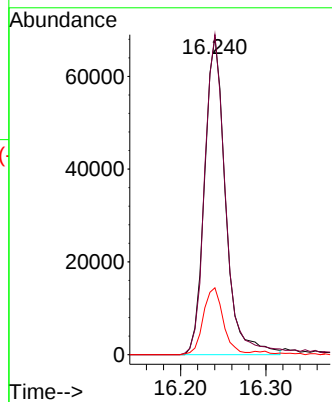
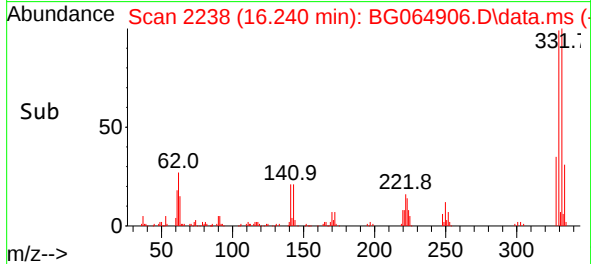


#42
 2,4,6-Tribromophenol
 Concen: 65.585 ng
 RT: 16.240 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BG064906.D
 Acq: 9 Dec 2025 15:39

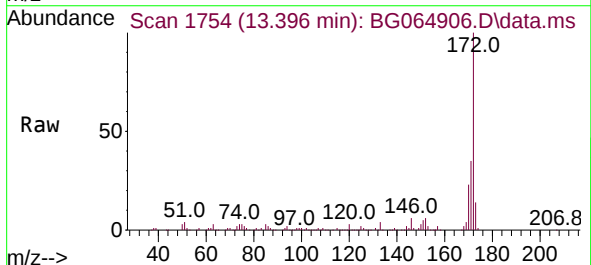
Instrument :
 BNA_G
 ClientSampleId :
 ETGI-288



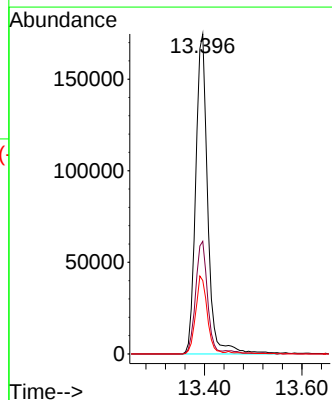
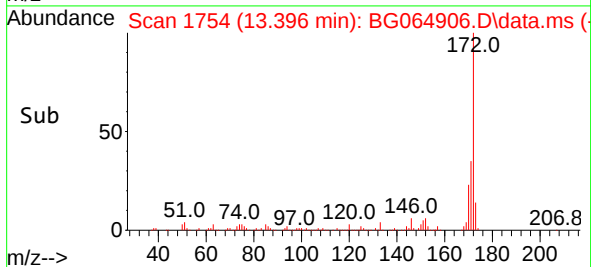
Tgt Ion:330 Resp: 116879
 Ion Ratio Lower Upper
 330 100
 332 100.9 77.0 115.6
 141 20.1 18.2 27.2

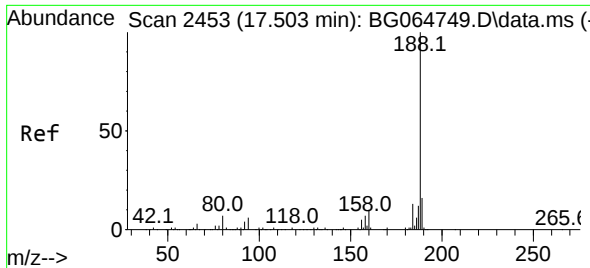


#45
 2-Fluorobiphenyl
 Concen: 45.358 ng
 RT: 13.396 min Scan# 1754
 Delta R.T. -0.012 min
 Lab File: BG064906.D
 Acq: 9 Dec 2025 15:39



Tgt Ion:172 Resp: 297032
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.9 44.9
 170 22.9 19.8 29.6

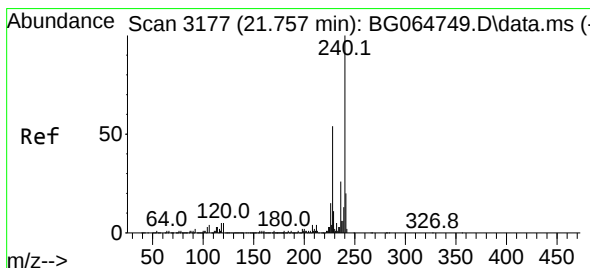
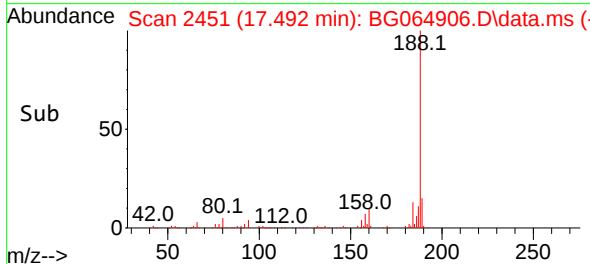
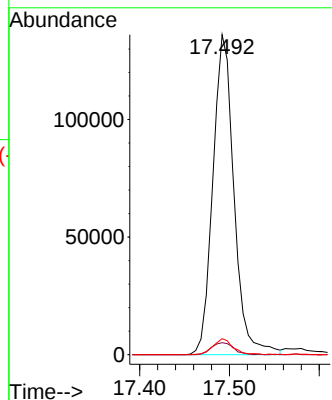
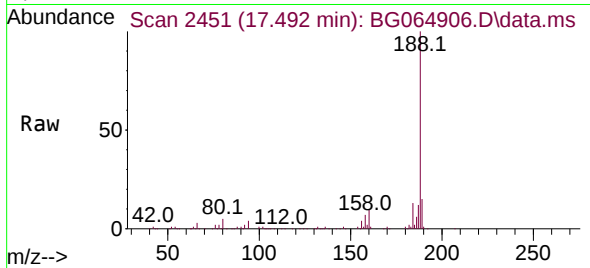




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.492 min Scan# 2453
Delta R.T. -0.012 min
Lab File: BG064906.D
Acq: 9 Dec 2025 15:39

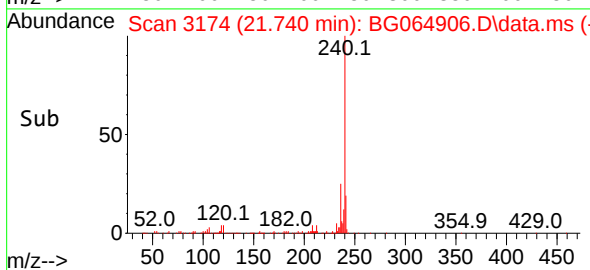
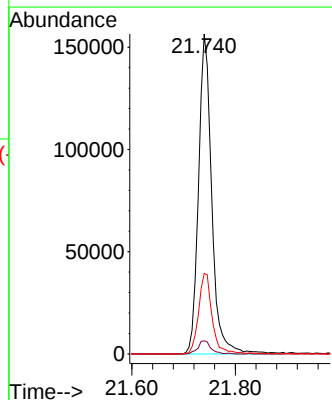
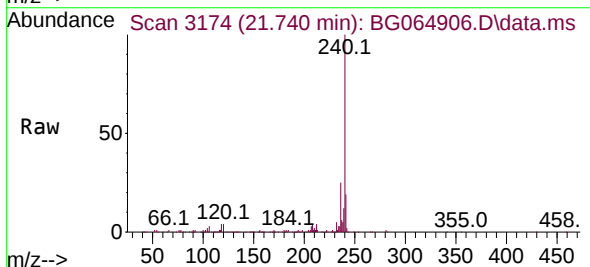
Instrument :
BNA_G
ClientSampleId :
ETGI-288

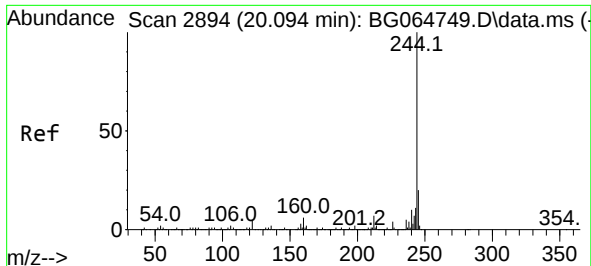
Tgt Ion:188 Resp: 223127
Ion Ratio Lower Upper
188 100
94 3.7 4.7 7.1#
80 5.0 5.4 8.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.740 min Scan# 3174
Delta R.T. -0.018 min
Lab File: BG064906.D
Acq: 9 Dec 2025 15:39

Tgt Ion:240 Resp: 277372
Ion Ratio Lower Upper
240 100
120 4.1 4.2 6.4#
236 25.1 20.8 31.2

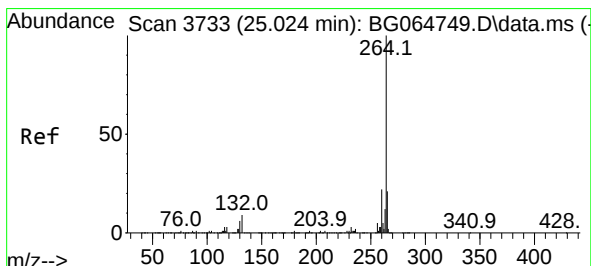
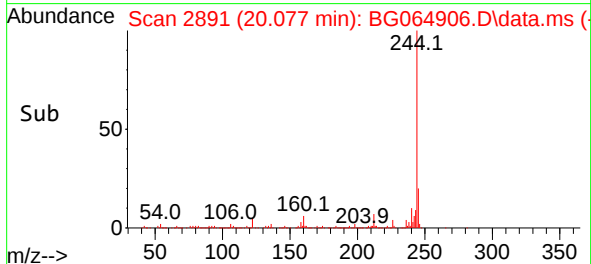
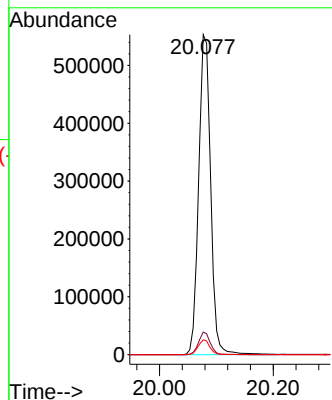
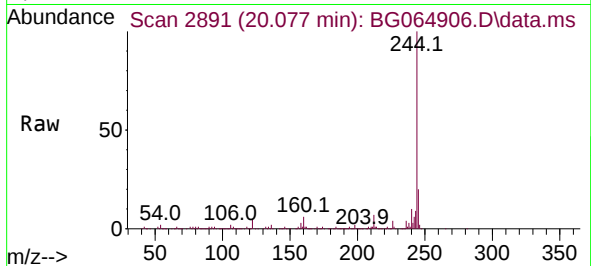




#79
 Terphenyl-d14
 Concen: 57.079 ng
 RT: 20.077 min Scan# 2891
 Delta R.T. -0.018 min
 Lab File: BG064906.D
 Acq: 9 Dec 2025 15:39

Instrument :
 BNA_G
 ClientSampleId :
 ETGI-288

Tgt Ion:244 Resp: 804854
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 4.6 4.3 6.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.995 min Scan# 3728
 Delta R.T. -0.029 min
 Lab File: BG064906.D
 Acq: 9 Dec 2025 15:39

Tgt Ion:264 Resp: 311452
 Ion Ratio Lower Upper
 264 100
 260 23.8 17.2 25.8
 265 20.3 16.6 25.0

