

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
 Data File : BG064800.D
 Acq On : 18 Nov 2025 12:53
 Operator : RC/JU
 Sample : PB170598BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170598BL

Quant Time: Nov 18 13:28:46 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	8.160	152	39789	20.000	ng	0.00
21) Naphthalene-d8	10.980	136	147034	20.000	ng	0.00
39) Acenaphthene-d10	14.776	164	118356	20.000	ng	0.00
64) Phenanthrene-d10	17.502	188	299804	20.000	ng	0.00
76) Chrysene-d12	21.750	240	430208	20.000	ng	0.00
86) Perylene-d12	25.005	264	423715	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.698	112	310288	136.176	ng	0.00
7) Phenol-d6	7.308	99	410954	135.601	ng	0.00
23) Nitrobenzene-d5	9.323	82	252984	85.070	ng	0.00
42) 2,4,6-Tribromophenol	16.250	330	297170	128.739	ng	0.00
45) 2-Fluorobiphenyl	13.407	172	723900	85.343	ng	0.00
79) Terphenyl-d14	20.087	244	1945948	88.977	ng	0.00

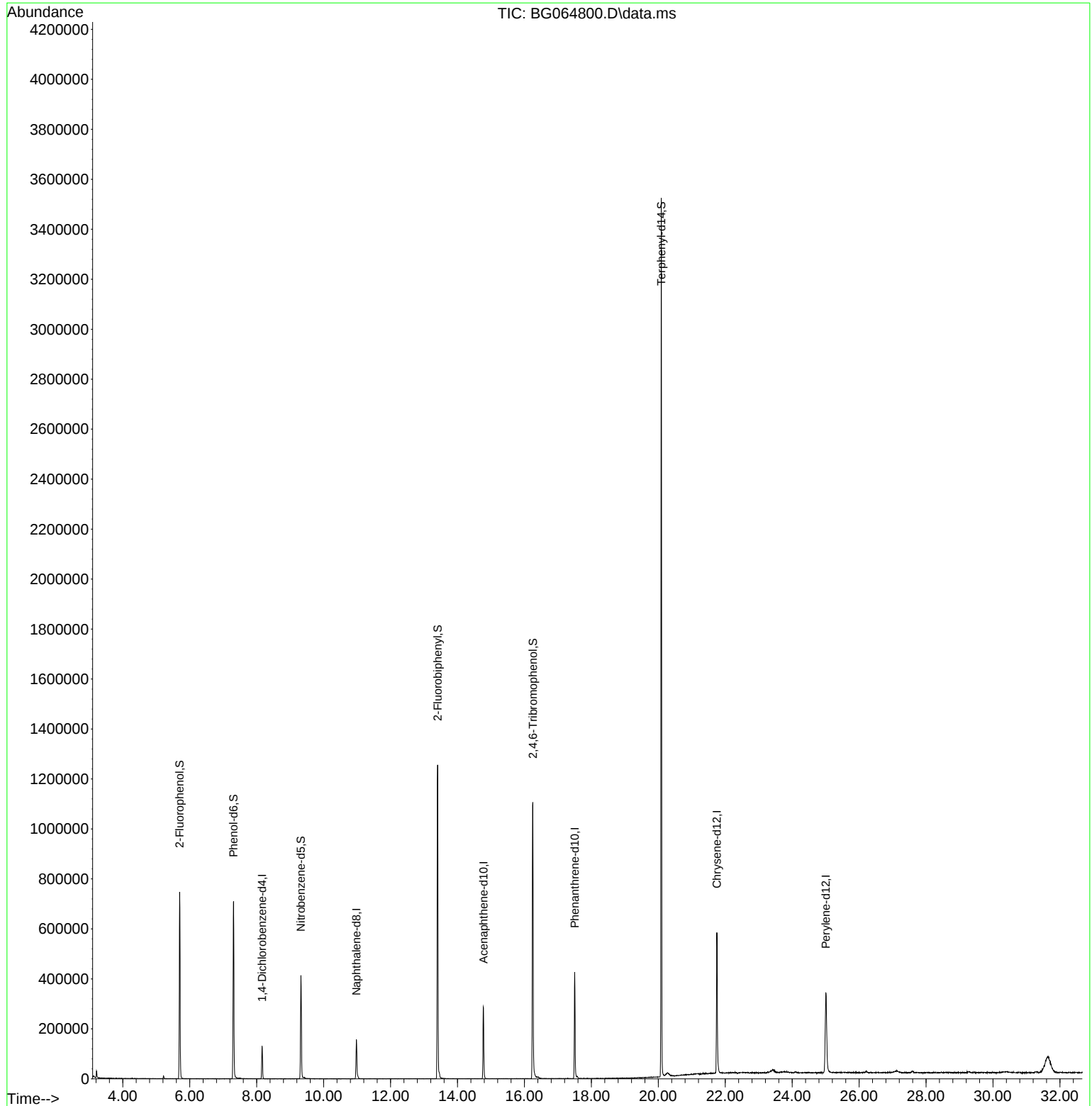
Target Compounds Qvalue

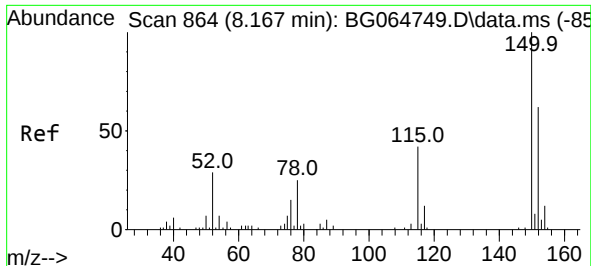
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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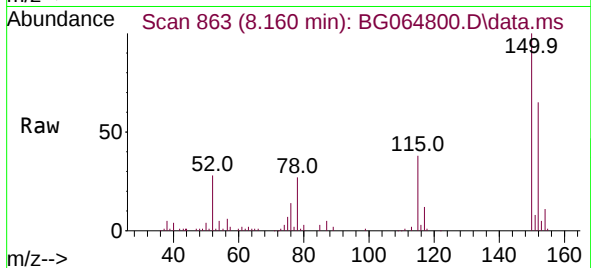
Quant Time: Nov 18 13:28:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
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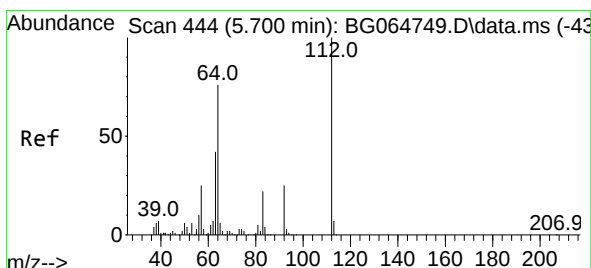
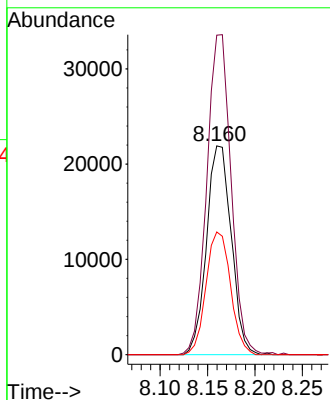
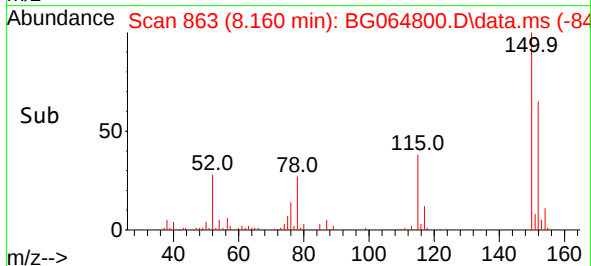


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.160 min Scan# 864
Delta R.T. -0.007 min
Lab File: BG064800.D
Acq: 18 Nov 2025 12:53

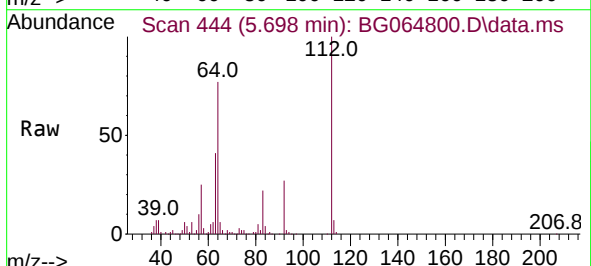
Instrument :
BNA_G
ClientSampleId :
PB170598BL



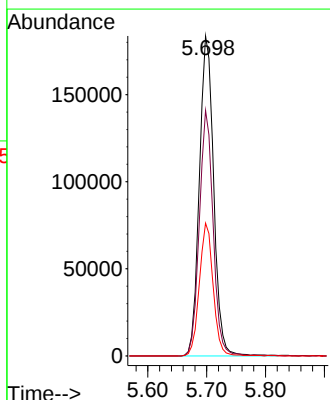
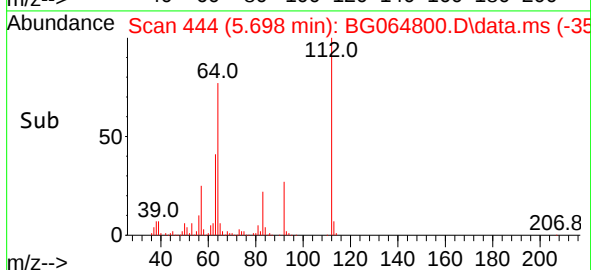
Tgt Ion:152 Resp: 39789
Ion Ratio Lower Upper
152 100
150 153.0 129.2 193.8
115 58.8 53.7 80.5

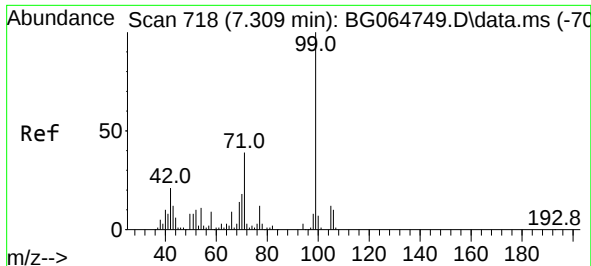


#5
2-Fluorophenol
Concen: 136.176 ng
RT: 5.698 min Scan# 444
Delta R.T. -0.002 min
Lab File: BG064800.D
Acq: 18 Nov 2025 12:53



Tgt Ion:112 Resp: 310288
Ion Ratio Lower Upper
112 100
64 76.7 61.0 91.4
63 41.5 33.3 49.9

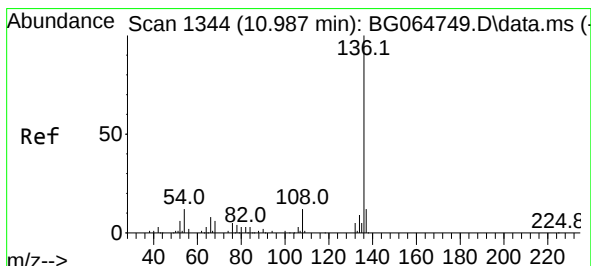
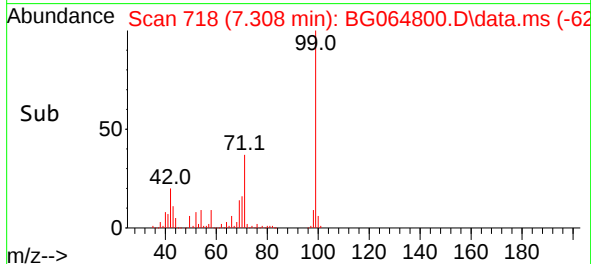
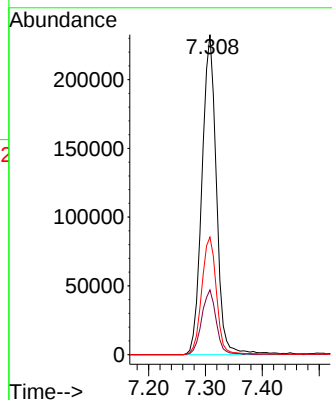
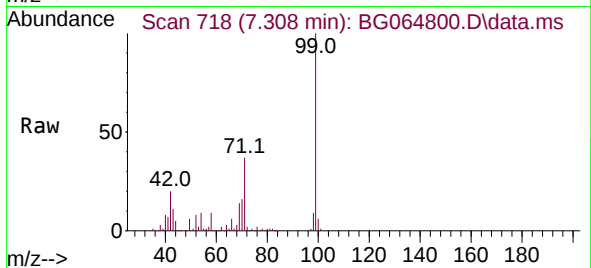




#7
Phenol-d6
Concen: 135.601 ng
RT: 7.308 min Scan# 718
Delta R.T. -0.002 min
Lab File: BG064800.D
Acq: 18 Nov 2025 12:53

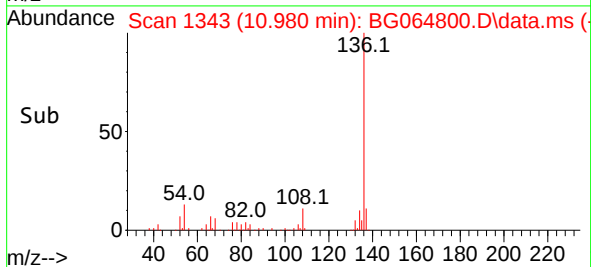
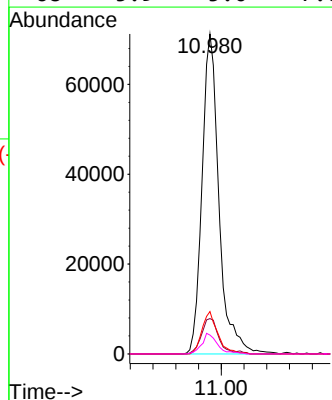
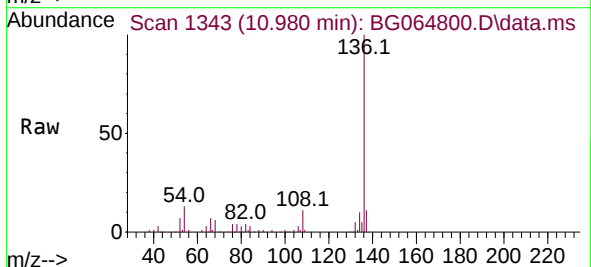
Instrument :
BNA_G
ClientSampleId :
PB170598BL

Tgt Ion: 99 Resp: 410954
Ion Ratio Lower Upper
99 100
42 20.3 16.8 25.2
71 36.7 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.980 min Scan# 1343
Delta R.T. -0.007 min
Lab File: BG064800.D
Acq: 18 Nov 2025 12:53

Tgt Ion:136 Resp: 147034
Ion Ratio Lower Upper
136 100
137 11.0 9.3 13.9
54 13.2 9.3 13.9
68 5.9 5.0 7.6





#23

Nitrobenzene-d5

Concen: 85.070 ng

RT: 9.323 min Scan# 1061

Delta R.T. -0.007 min

Lab File: BG064800.D

Acq: 18 Nov 2025 12:53

Instrument :

BNA_G

ClientSampleId :

PB170598BL

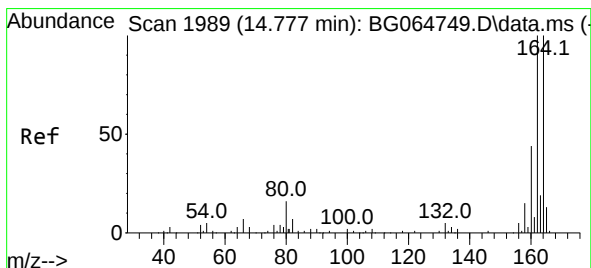
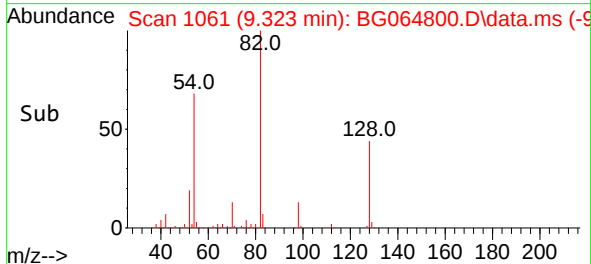
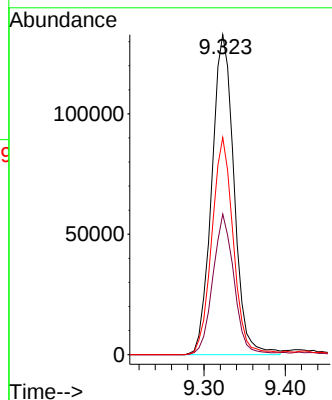
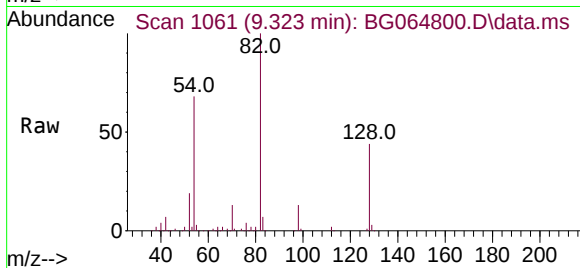
Tgt Ion: 82 Resp: 252984

Ion Ratio Lower Upper

82 100

128 43.9 34.1 51.1

54 67.8 54.3 81.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.776 min Scan# 1989

Delta R.T. -0.002 min

Lab File: BG064800.D

Acq: 18 Nov 2025 12:53

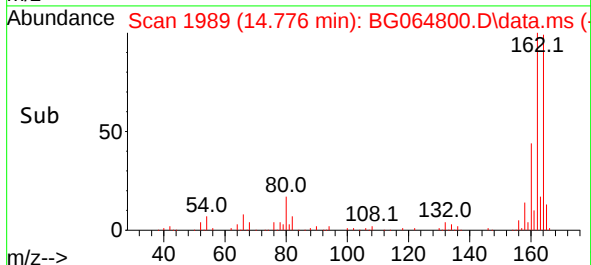
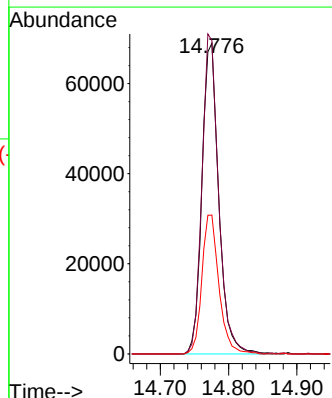
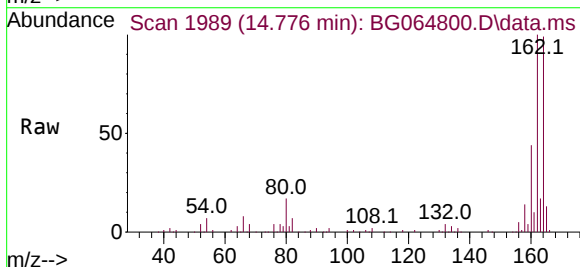
Tgt Ion: 164 Resp: 118356

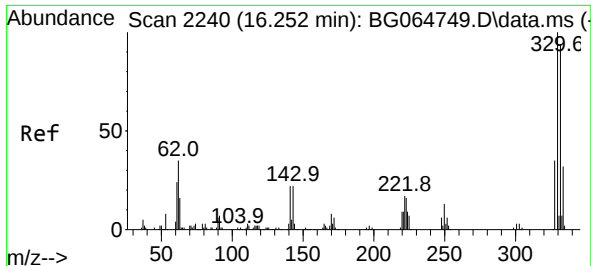
Ion Ratio Lower Upper

164 100

162 100.8 79.8 119.6

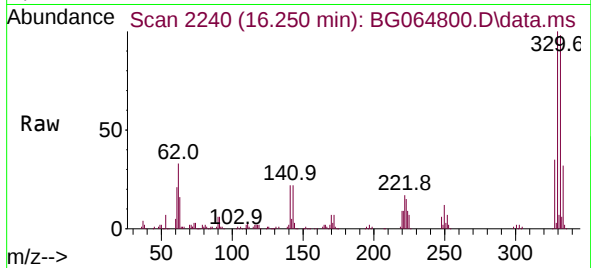
160 44.7 34.9 52.3



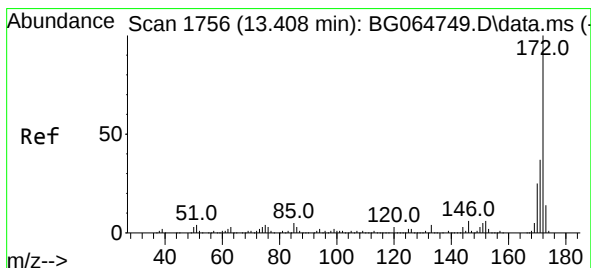
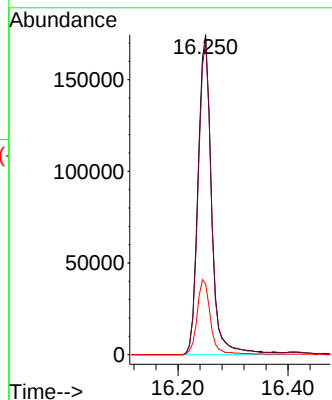
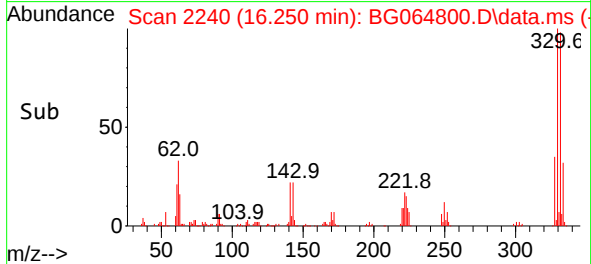


#42
 2,4,6-Tribromophenol
 Concen: 128.739 ng
 RT: 16.250 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG064800.D
 Acq: 18 Nov 2025 12:53

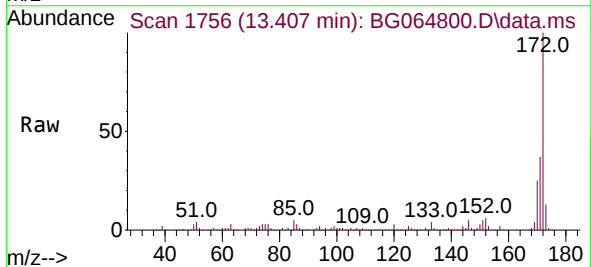
Instrument :
 BNA_G
 ClientSampleId :
 PB170598BL



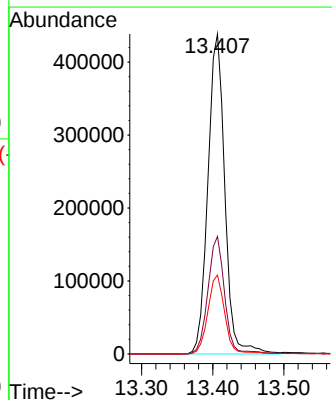
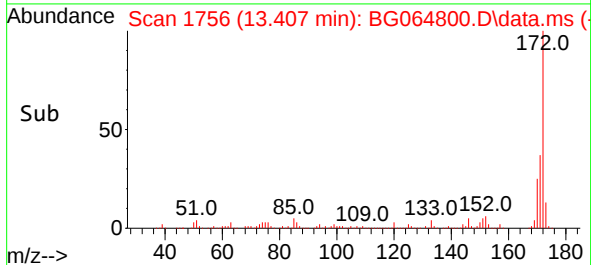
Tgt Ion:330 Resp: 297170
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 23.2 18.2 27.2

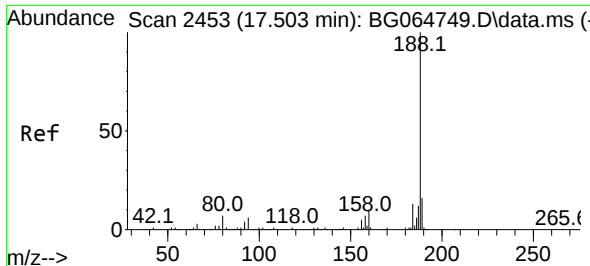


#45
 2-Fluorobiphenyl
 Concen: 85.343 ng
 RT: 13.407 min Scan# 1756
 Delta R.T. -0.002 min
 Lab File: BG064800.D
 Acq: 18 Nov 2025 12:53



Tgt Ion:172 Resp: 723900
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.9 44.9
 170 24.6 19.8 29.6

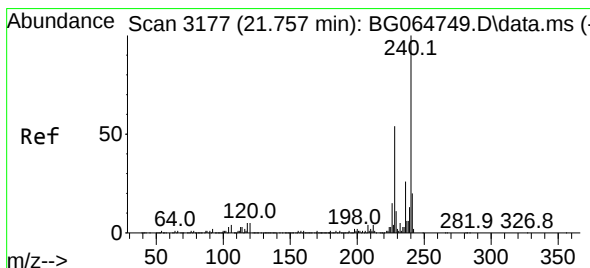
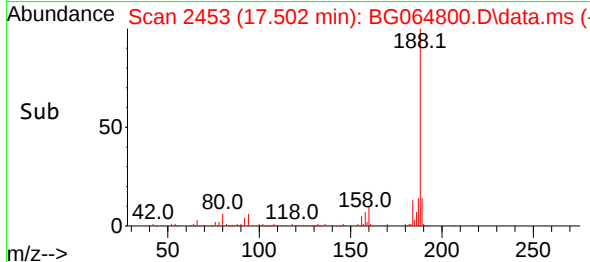
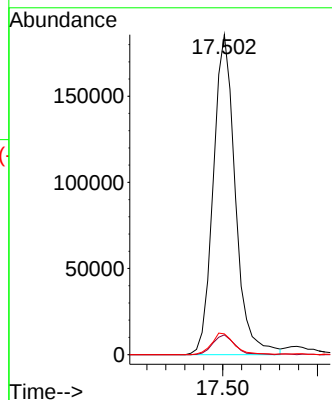
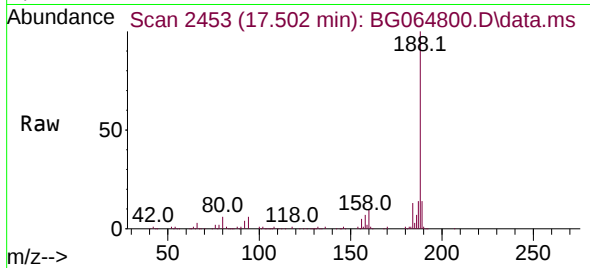




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.502 min Scan# 2453
Delta R.T. -0.002 min
Lab File: BG064800.D
Acq: 18 Nov 2025 12:53

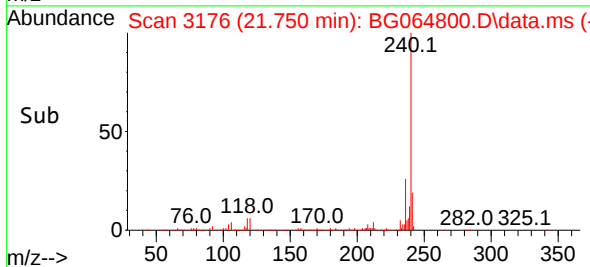
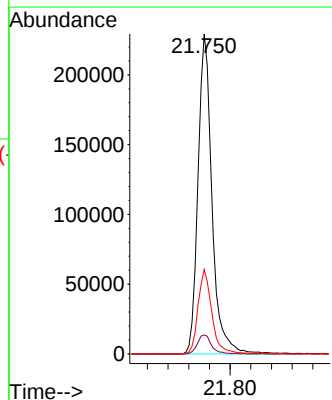
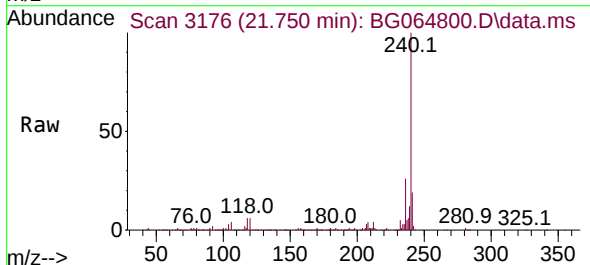
Instrument :
BNA_G
ClientSampleId :
PB170598BL

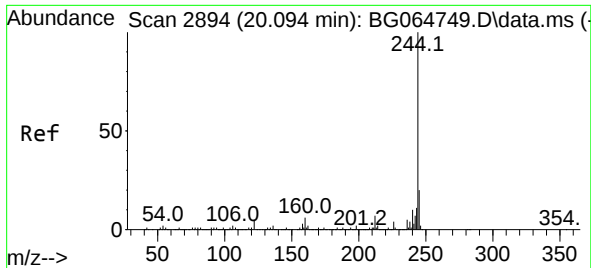
Tgt Ion:188 Resp: 299804
Ion Ratio Lower Upper
188 100
94 6.2 4.7 7.1
80 6.5 5.4 8.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.750 min Scan# 3176
Delta R.T. -0.007 min
Lab File: BG064800.D
Acq: 18 Nov 2025 12:53

Tgt Ion:240 Resp: 430208
Ion Ratio Lower Upper
240 100
120 5.9 4.2 6.4
236 26.4 20.8 31.2

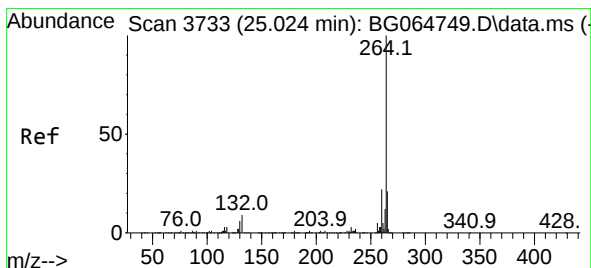
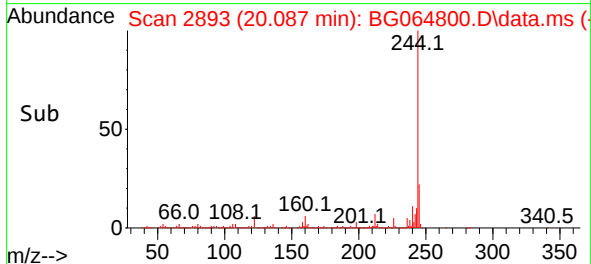
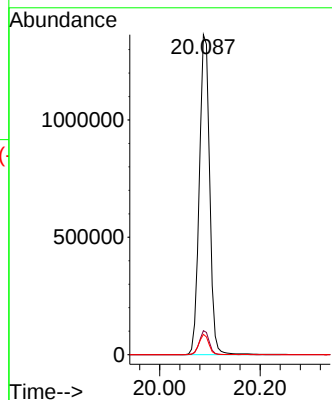
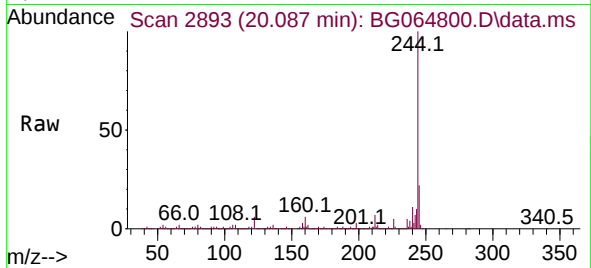




#79
 Terphenyl-d14
 Concen: 88.977 ng
 RT: 20.087 min Scan# 2893
 Delta R.T. -0.007 min
 Lab File: BG064800.D
 Acq: 18 Nov 2025 12:53

Instrument :
 BNA_G
 ClientSampleId :
 PB170598BL

Tgt Ion:244 Resp: 1945948
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.6
 122 6.3 4.3 6.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.005 min Scan# 3730
 Delta R.T. -0.019 min
 Lab File: BG064800.D
 Acq: 18 Nov 2025 12:53

Tgt Ion:264 Resp: 423715
 Ion Ratio Lower Upper
 264 100
 260 22.9 17.2 25.8
 265 20.7 16.6 25.0

