

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111325\
 Data File : BG064772.D
 Acq On : 14 Nov 2025 1:33
 Operator : RC/JU
 Sample : Q3609-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-713-COMP-05

Quant Time: Nov 14 05:06:34 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	8.165	152	39592	20.000	ng	0.00
21) Naphthalene-d8	10.979	136	147996	20.000	ng	0.00
39) Acenaphthene-d10	14.775	164	115975	20.000	ng	0.00
64) Phenanthrene-d10	17.501	188	263984	20.000	ng	0.00
76) Chrysene-d12	21.749	240	318904	20.000	ng	0.00
86) Perylene-d12	25.004	264	332340	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.703	112	283054	124.842	ng	0.00
7) Phenol-d6	7.307	99	333653	110.642	ng	0.00
23) Nitrobenzene-d5	9.328	82	260733	87.106	ng	0.00
42) 2,4,6-Tribromophenol	16.250	330	275255	121.694	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	698921	84.090	ng	0.00
79) Terphenyl-d14	20.086	244	1401967	86.477	ng	0.00

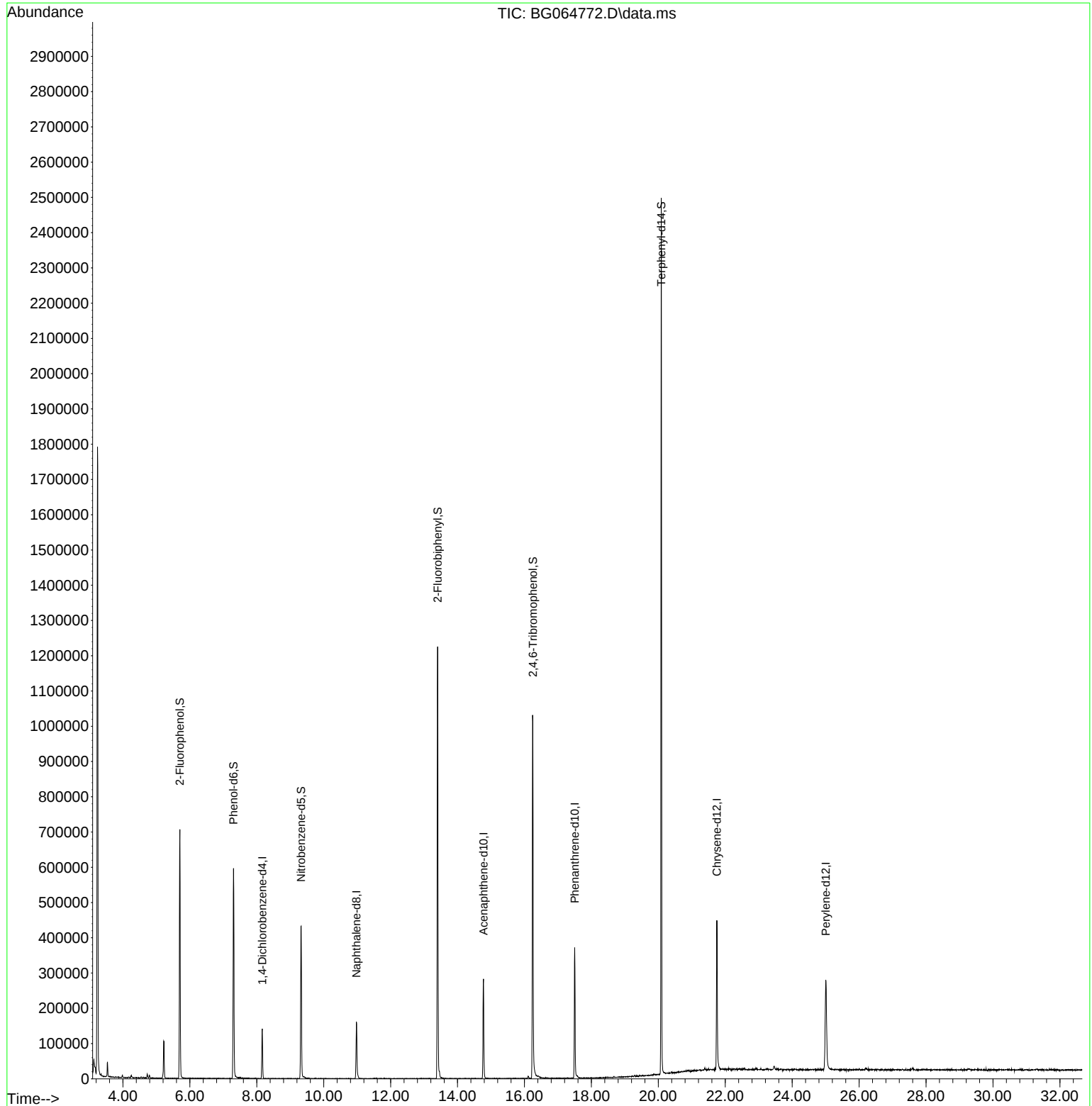
Target Compounds	Qvalue

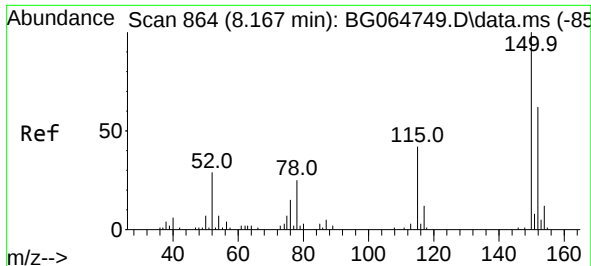
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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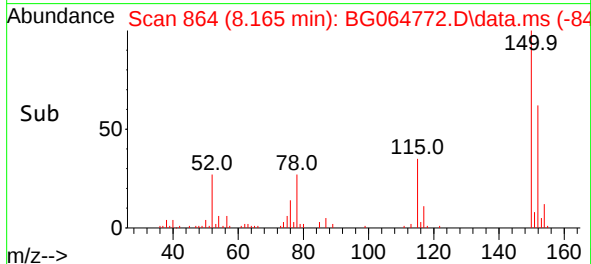
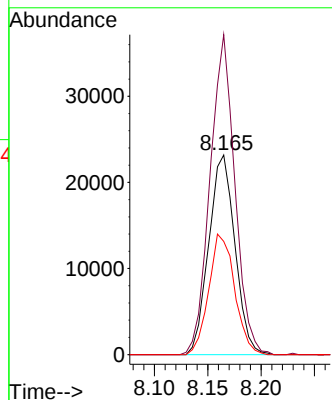
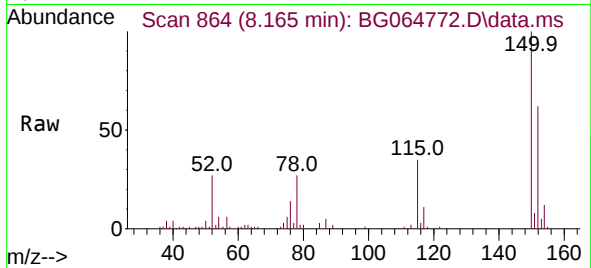




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.165 min Scan# 864
Delta R.T. -0.002 min
Lab File: BG064772.D
Acq: 14 Nov 2025 1:33

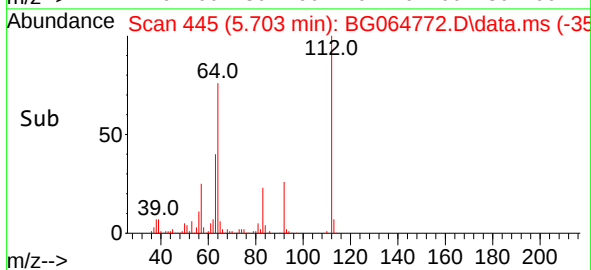
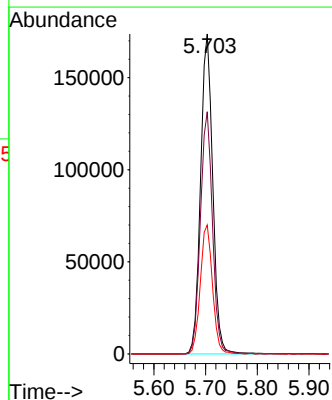
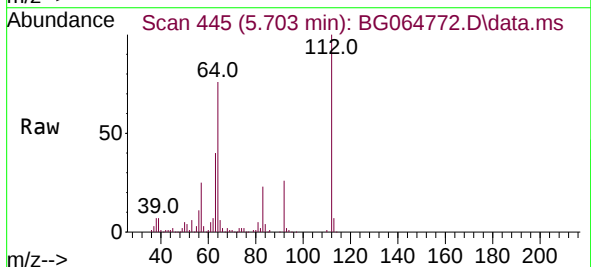
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05

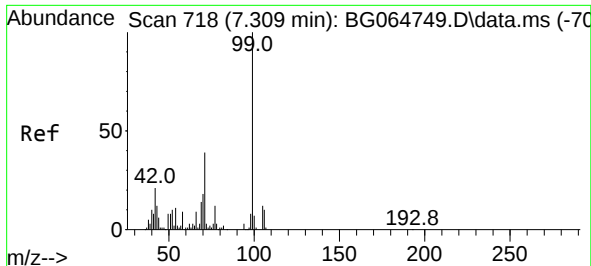
Tgt Ion:152 Resp: 39592
Ion Ratio Lower Upper
152 100
150 160.4 129.2 193.8
115 56.7 53.7 80.5



#5
2-Fluorophenol
Concen: 124.842 ng
RT: 5.703 min Scan# 445
Delta R.T. 0.004 min
Lab File: BG064772.D
Acq: 14 Nov 2025 1:33

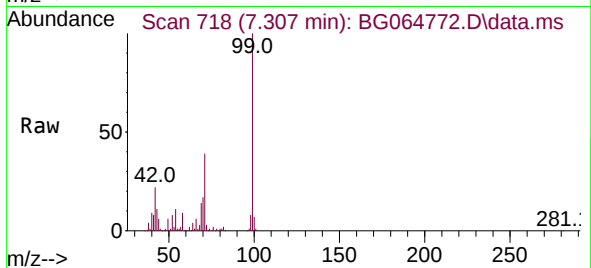
Tgt Ion:112 Resp: 283054
Ion Ratio Lower Upper
112 100
64 75.7 61.0 91.4
63 40.3 33.3 49.9



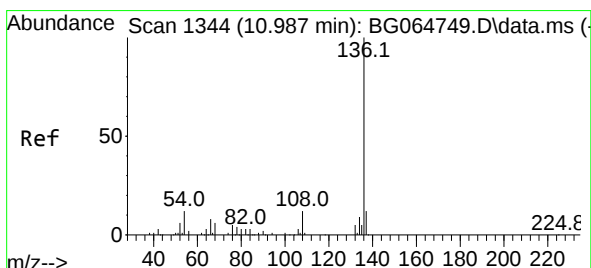
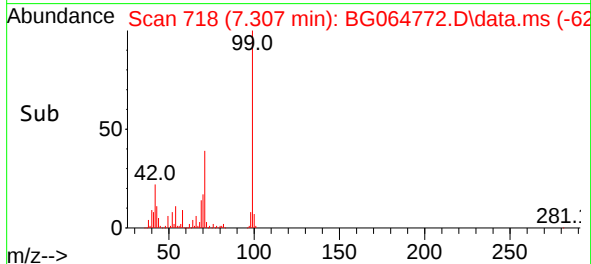
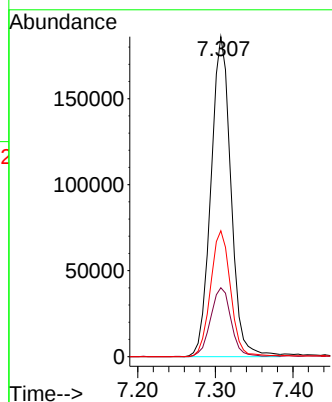


#7
Phenol-d6
Concen: 110.642 ng
RT: 7.307 min Scan# 718
Delta R.T. -0.002 min
Lab File: BG064772.D
Acq: 14 Nov 2025 1:33

Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05

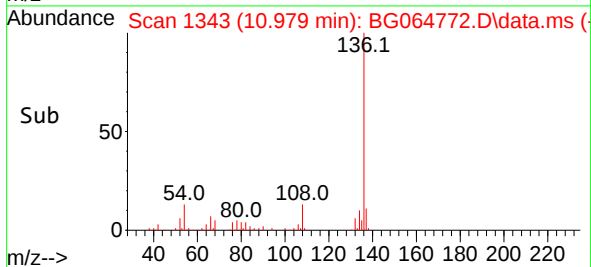
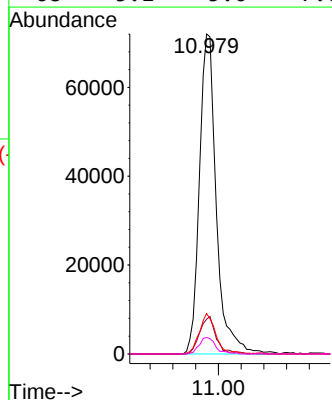
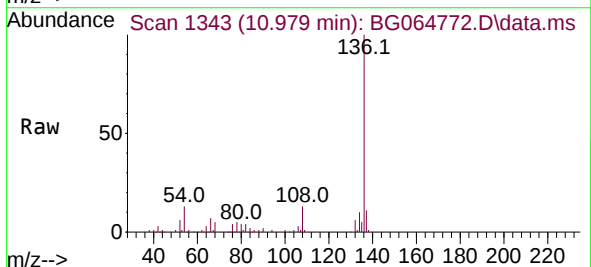


Tgt Ion: 99 Resp: 333653
Ion Ratio Lower Upper
99 100
42 21.5 16.8 25.2
71 39.3 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.979 min Scan# 1343
Delta R.T. -0.008 min
Lab File: BG064772.D
Acq: 14 Nov 2025 1:33

Tgt Ion:136 Resp: 147996
Ion Ratio Lower Upper
136 100
137 10.8 9.3 13.9
54 12.6 9.3 13.9
68 5.1 5.0 7.6





#23

Nitrobenzene-d5

Concen: 87.106 ng

RT: 9.328 min Scan# 1062

Delta R.T. -0.002 min

Lab File: BG064772.D

Acq: 14 Nov 2025 1:33

Instrument :

BNA_G

ClientSampleId :

AU-713-COMP-05

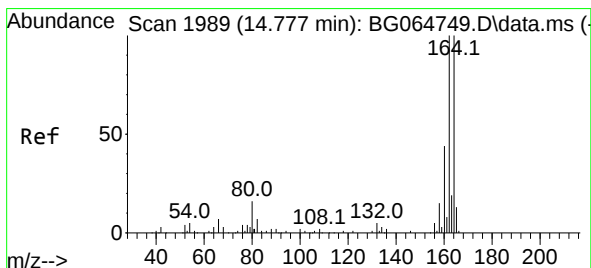
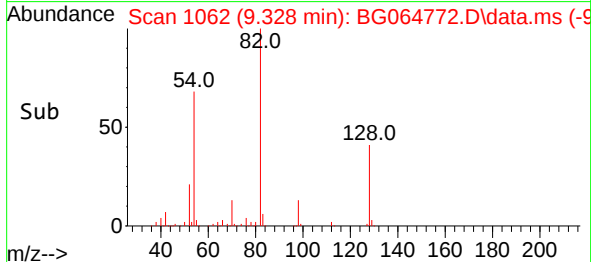
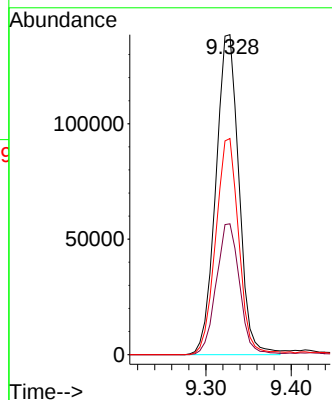
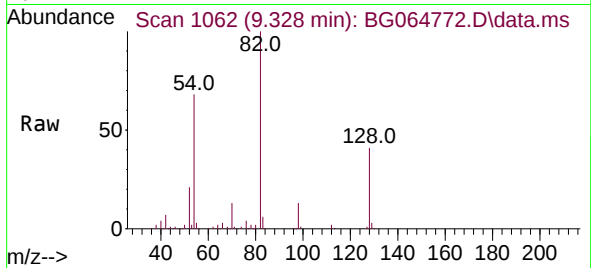
Tgt Ion: 82 Resp: 260733

Ion Ratio Lower Upper

82 100

128 40.9 34.1 51.1

54 67.5 54.3 81.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.775 min Scan# 1989

Delta R.T. -0.002 min

Lab File: BG064772.D

Acq: 14 Nov 2025 1:33

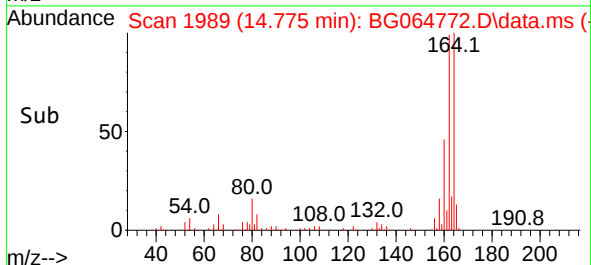
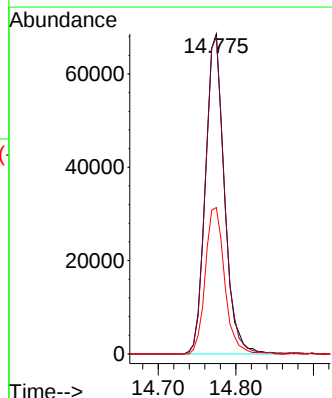
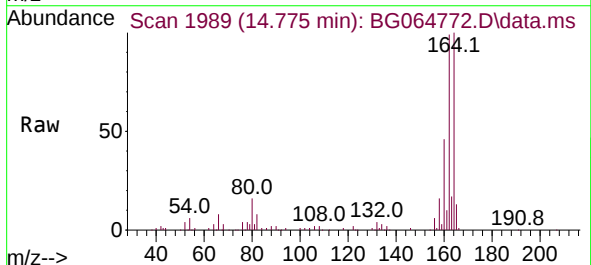
Tgt Ion: 164 Resp: 115975

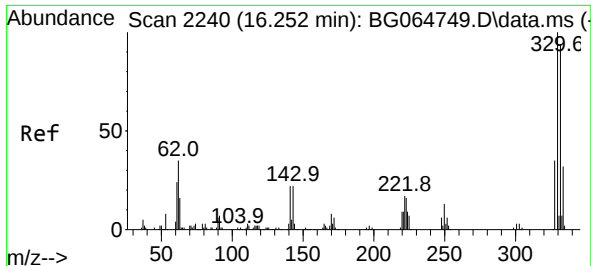
Ion Ratio Lower Upper

164 100

162 98.9 79.8 119.6

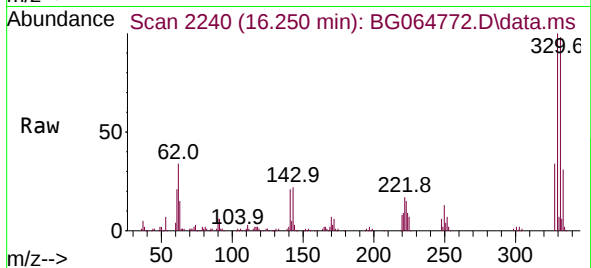
160 45.7 34.9 52.3



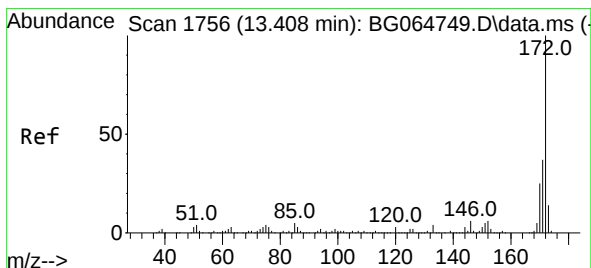
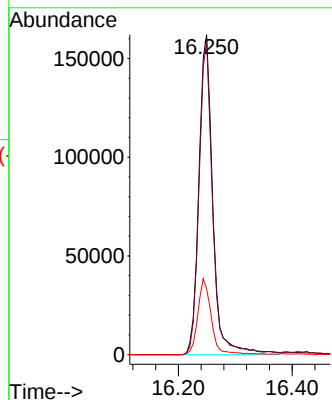
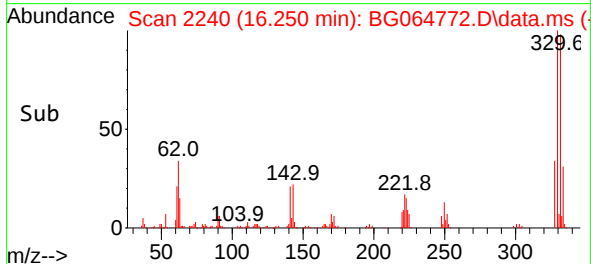


#42
2,4,6-Tribromophenol
Concen: 121.694 ng
RT: 16.250 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG064772.D
Acq: 14 Nov 2025 1:33

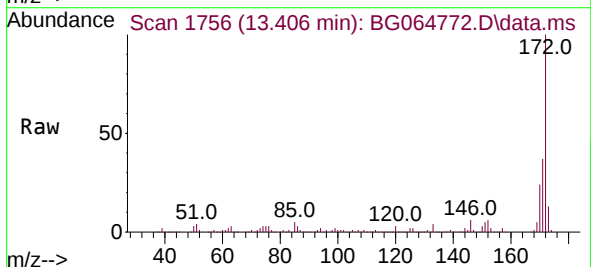
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05



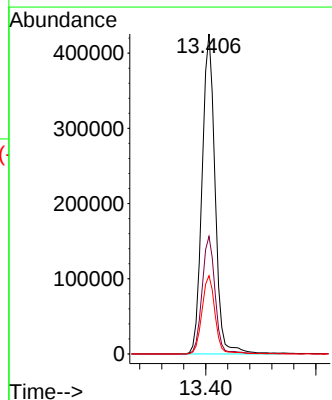
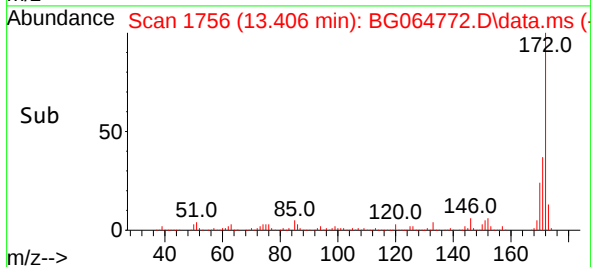
Tgt Ion:330 Resp: 275255
Ion Ratio Lower Upper
330 100
332 94.9 77.0 115.6
141 22.8 18.2 27.2

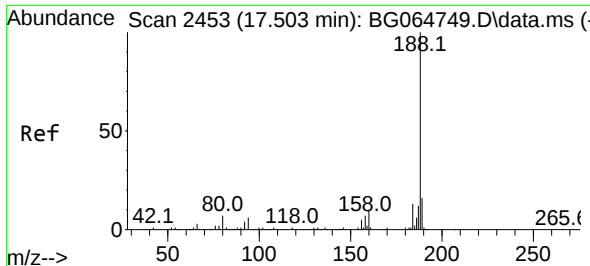


#45
2-Fluorobiphenyl
Concen: 84.090 ng
RT: 13.406 min Scan# 1756
Delta R.T. -0.002 min
Lab File: BG064772.D
Acq: 14 Nov 2025 1:33



Tgt Ion:172 Resp: 698921
Ion Ratio Lower Upper
172 100
171 36.7 29.9 44.9
170 24.4 19.8 29.6

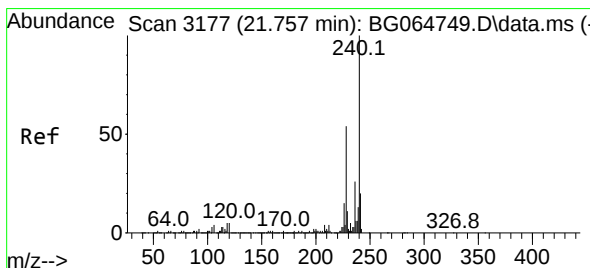
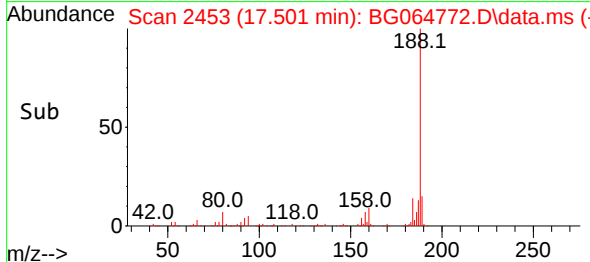
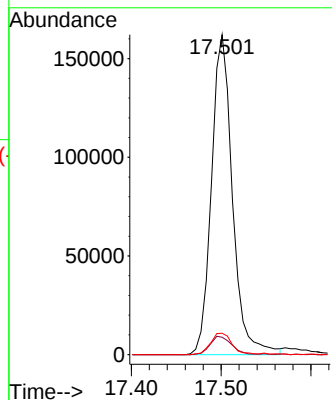
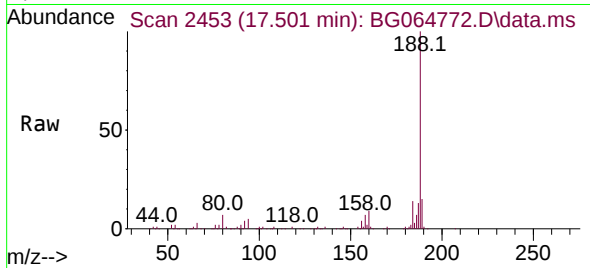




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.501 min Scan# 2453
Delta R.T. -0.002 min
Lab File: BG064772.D
Acq: 14 Nov 2025 1:33

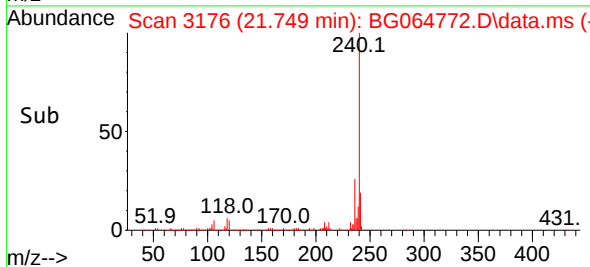
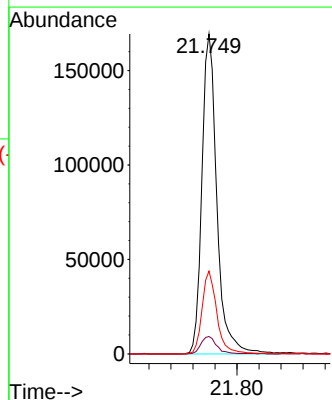
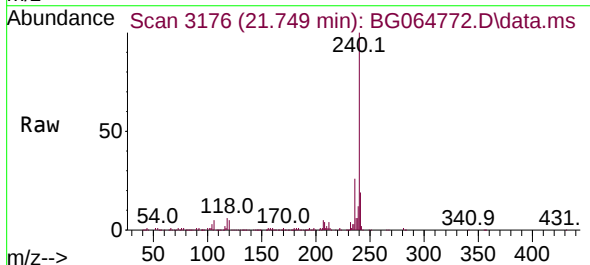
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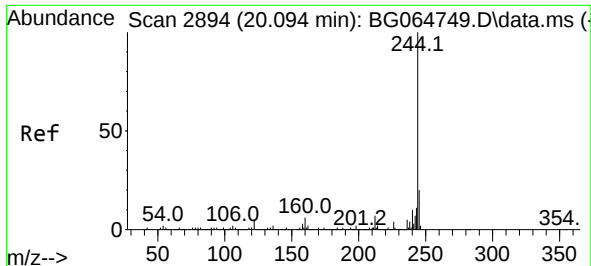
Tgt Ion:188 Resp: 263984
Ion Ratio Lower Upper
188 100
94 5.5 4.7 7.1
80 6.7 5.4 8.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.749 min Scan# 3176
Delta R.T. -0.008 min
Lab File: BG064772.D
Acq: 14 Nov 2025 1:33

Tgt Ion:240 Resp: 318904
Ion Ratio Lower Upper
240 100
120 5.4 4.2 6.4
236 25.9 20.8 31.2

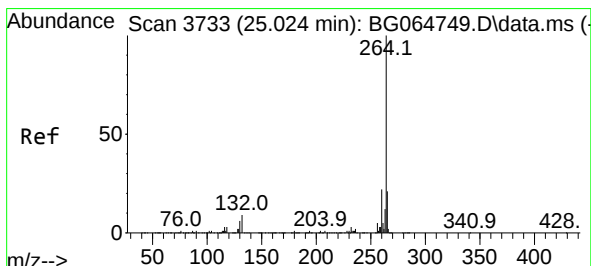
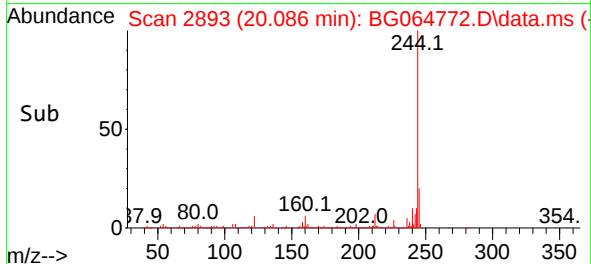
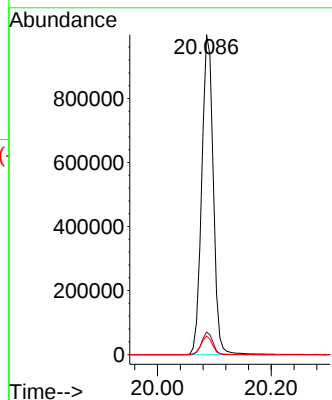
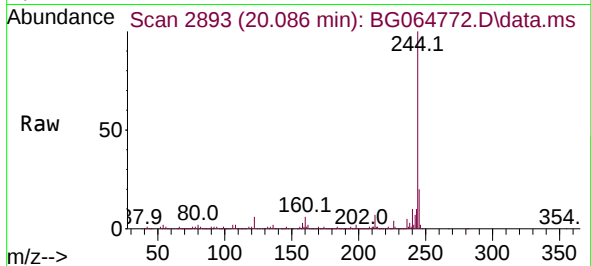




#79
 Terphenyl-d14
 Concen: 86.477 ng
 RT: 20.086 min Scan# 2893
 Delta R.T. -0.008 min
 Lab File: BG064772.D
 Acq: 14 Nov 2025 1:33

Instrument :
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Tgt Ion:244 Resp: 1401967
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 5.8 4.3 6.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.004 min Scan# 3730
 Delta R.T. -0.020 min
 Lab File: BG064772.D
 Acq: 14 Nov 2025 1:33

Tgt Ion:264 Resp: 332340
 Ion Ratio Lower Upper
 264 100
 260 25.6 17.2 25.8
 265 20.7 16.6 25.0

