

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
 Data File : BG064706.D
 Acq On : 6 Nov 2025 17:09
 Operator : RC/JU
 Sample : Q3534-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-EB-3

Quant Time: Nov 07 00:31:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 18:16:26 2025
 Response via : Initial Calibration

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

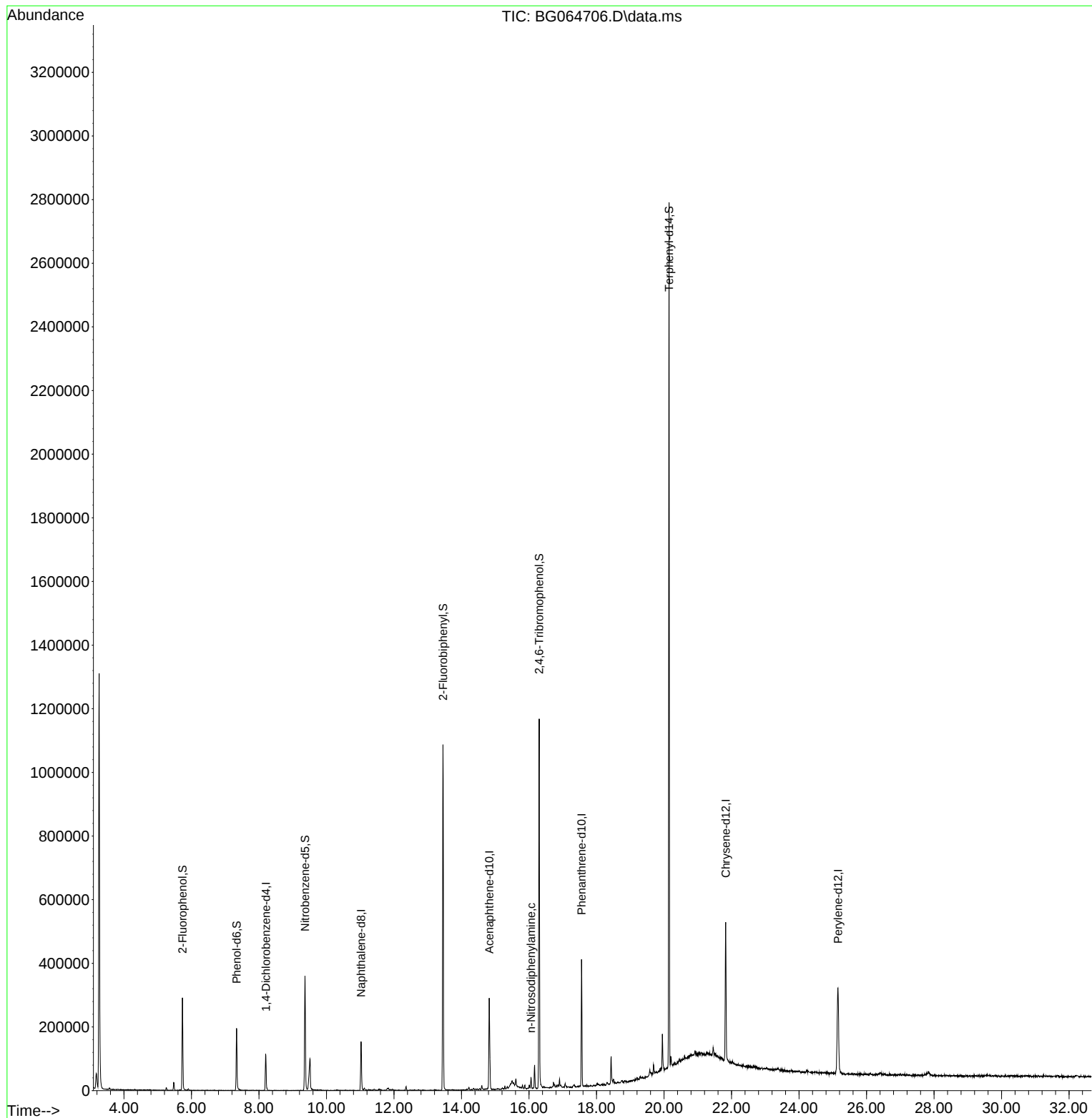
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.204	152	33315	20.000	ng	-0.02
21) Naphthalene-d8	11.024	136	133129	20.000	ng	#-0.02
39) Acenaphthene-d10	14.820	164	109224	20.000	ng	-0.02
64) Phenanthrene-d10	17.558	188	255947	20.000	ng	#-0.02
76) Chrysene-d12	21.829	240	309555	20.000	ng	#-0.03
86) Perylene-d12	25.155	264	340594	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.730	112	121020	60.973	ng	-0.02
7) Phenol-d6	7.334	99	113146	41.543	ng	-0.02
23) Nitrobenzene-d5	9.361	82	213261	96.215	ng	-0.02
42) 2,4,6-Tribromophenol	16.300	330	267052	169.403	ng	-0.02
45) 2-Fluorobiphenyl	13.451	172	591707	82.114	ng	-0.02
79) Terphenyl-d14	20.149	244	1395468	85.073	ng	-0.02
Target Compounds						
66) n-Nitrosodiphenylamine	16.060	169	15042	2.176	ng	Qvalue 97

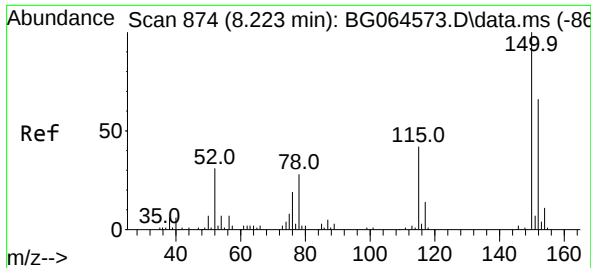
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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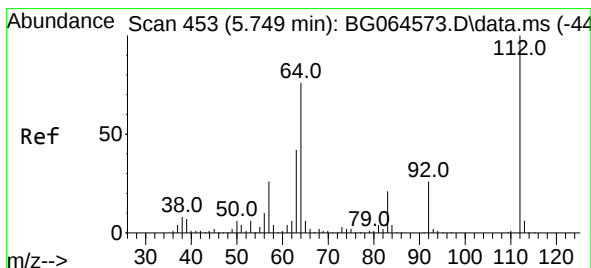
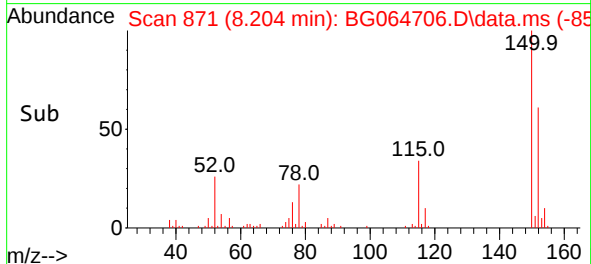
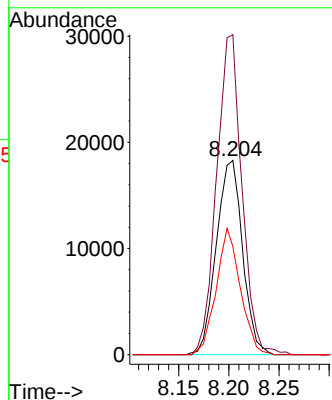
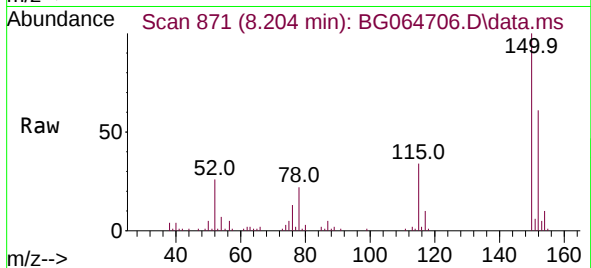




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.204 min Scan# 81
Delta R.T. -0.019 min
Lab File: BG064706.D
Acq: 6 Nov 2025 17:09

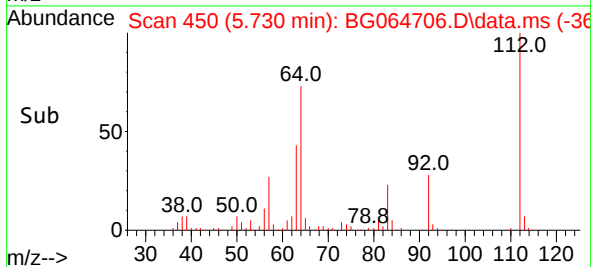
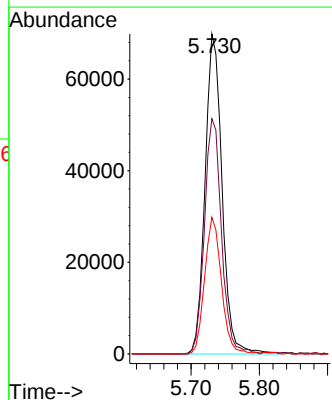
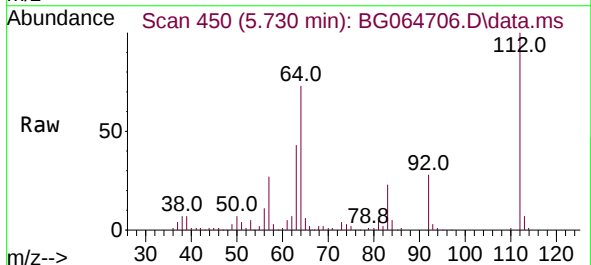
Instrument :
BNA_G
ClientSampleId :
MW-EB-3

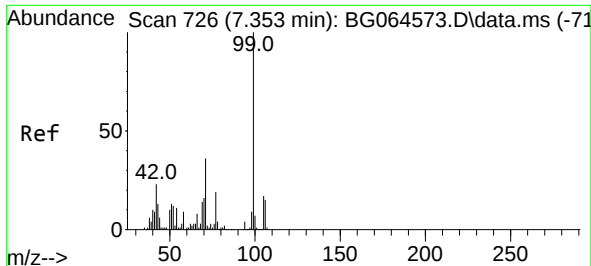
Tgt Ion:152 Resp: 33315
Ion Ratio Lower Upper
152 100
150 164.8 122.2 183.4
115 55.7 50.8 76.2



#5
2-Fluorophenol
Concen: 60.973 ng
RT: 5.730 min Scan# 450
Delta R.T. -0.019 min
Lab File: BG064706.D
Acq: 6 Nov 2025 17:09

Tgt Ion:112 Resp: 121020
Ion Ratio Lower Upper
112 100
64 73.5 60.7 91.1
63 42.7 33.4 50.0

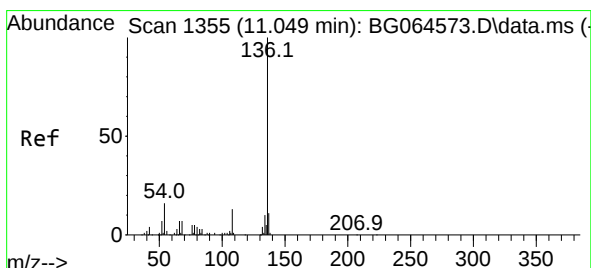
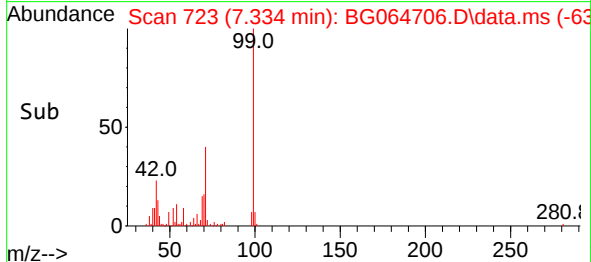
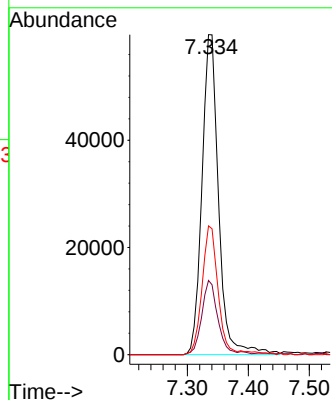
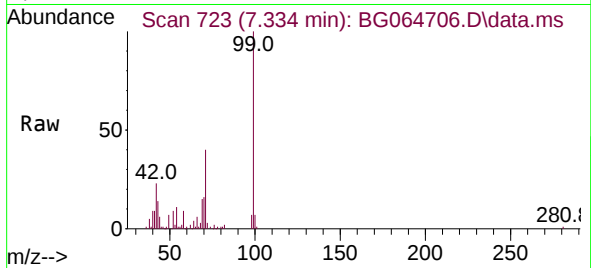




#7
Phenol-d6
Concen: 41.543 ng
RT: 7.334 min Scan# 71
Delta R.T. -0.019 min
Lab File: BG064706.D
Acq: 6 Nov 2025 17:09

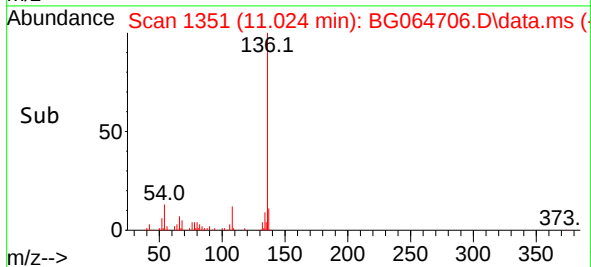
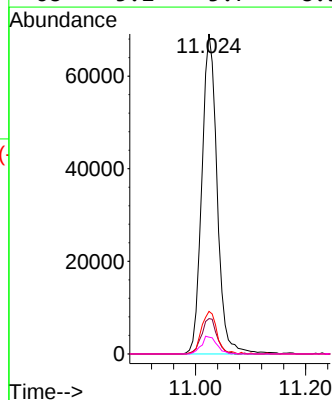
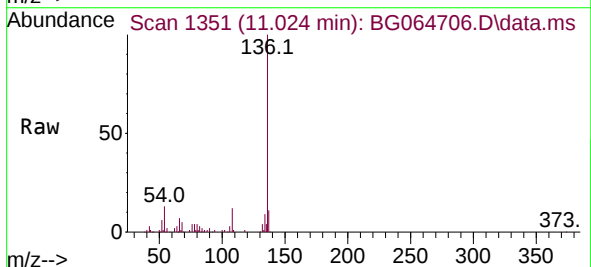
Instrument :
BNA_G
ClientSampleId :
MW-EB-3

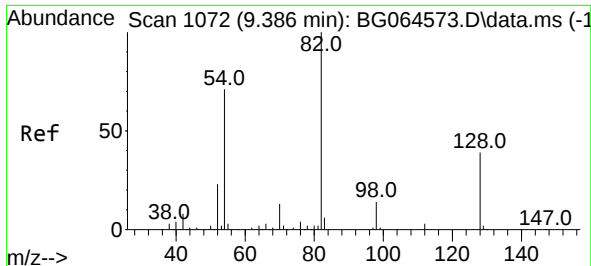
Tgt Ion: 99 Resp: 113146
Ion Ratio Lower Upper
99 100
42 23.2 18.3 27.5
71 40.2 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.024 min Scan# 1351
Delta R.T. -0.025 min
Lab File: BG064706.D
Acq: 6 Nov 2025 17:09

Tgt Ion:136 Resp: 133129
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 13.3 12.6 19.0
68 5.2 5.7 8.5#





#23

Nitrobenzene-d5

Concen: 96.215 ng

RT: 9.361 min Scan# 10

Delta R.T. -0.025 min

Lab File: BG064706.D

Acq: 6 Nov 2025 17:09

Instrument :

BNA_G

ClientSampleId :

MW-EB-3

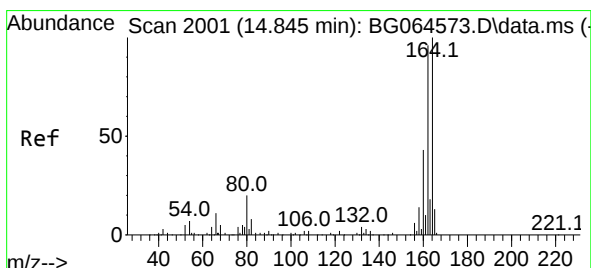
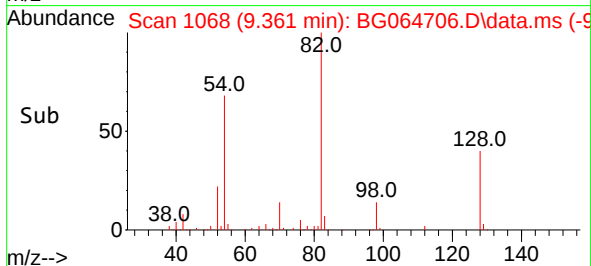
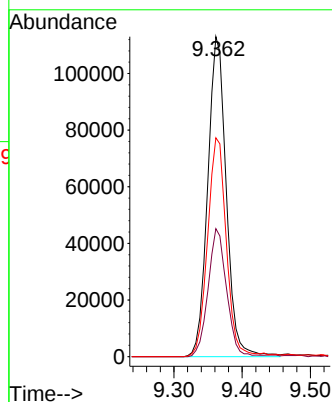
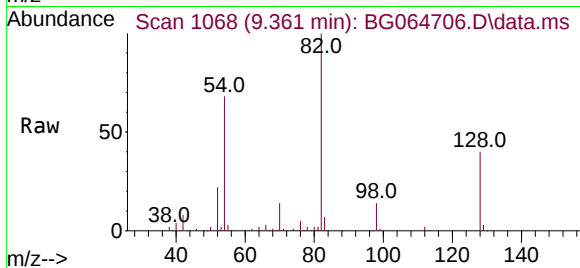
Tgt Ion: 82 Resp: 213261

Ion Ratio Lower Upper

82 100

128 40.0 31.3 46.9

54 68.4 56.6 84.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.820 min Scan# 1997

Delta R.T. -0.025 min

Lab File: BG064706.D

Acq: 6 Nov 2025 17:09

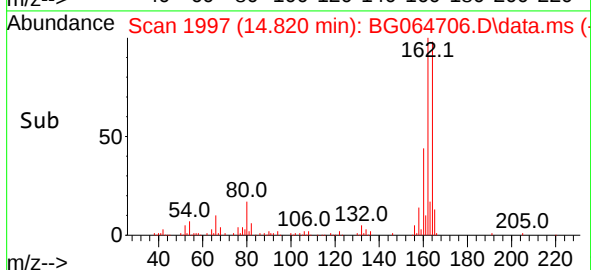
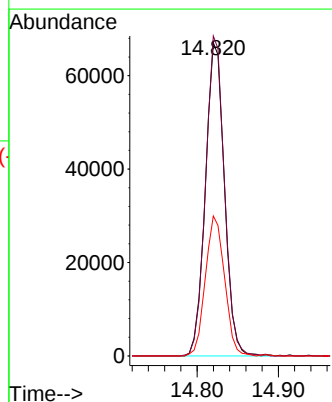
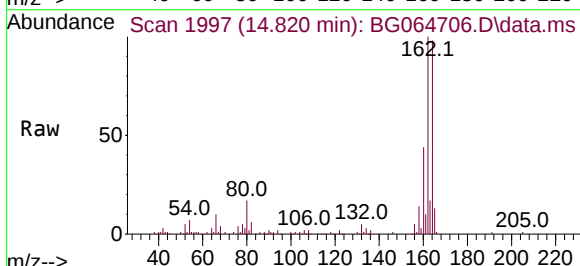
Tgt Ion:164 Resp: 109224

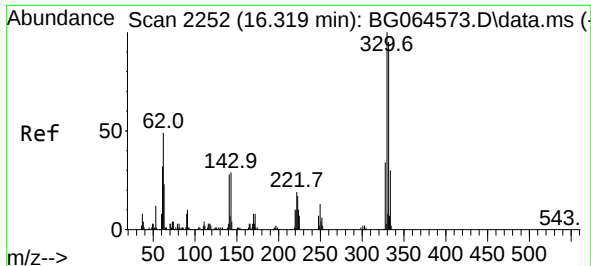
Ion Ratio Lower Upper

164 100

162 102.2 77.0 115.6

160 44.7 34.4 51.6

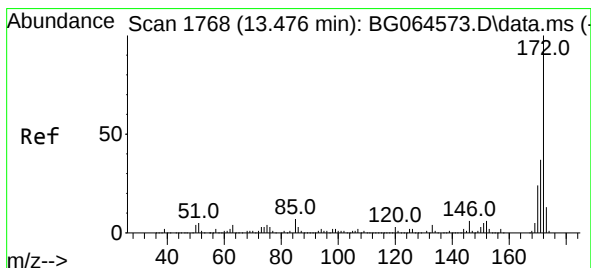
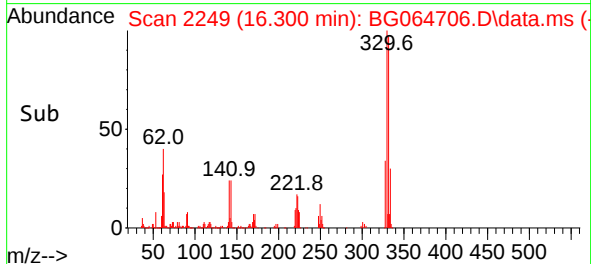
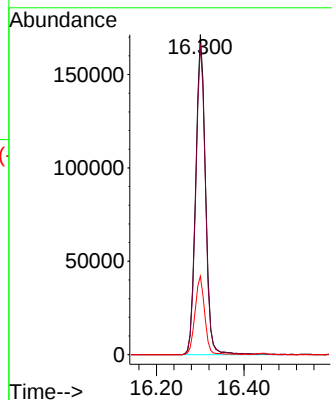
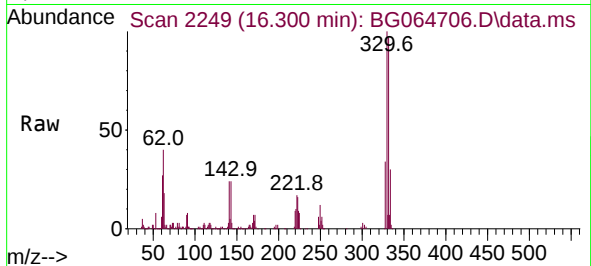




#42
2,4,6-Tribromophenol
Concen: 169.403 ng
RT: 16.300 min Scan# 21
Delta R.T. -0.019 min
Lab File: BG064706.D
Acq: 6 Nov 2025 17:09

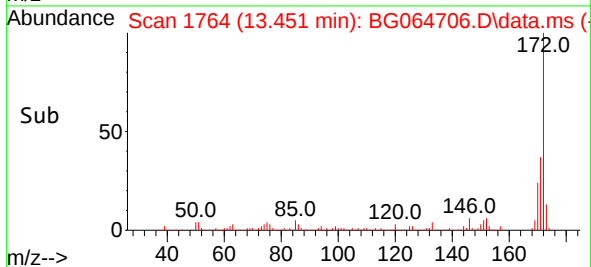
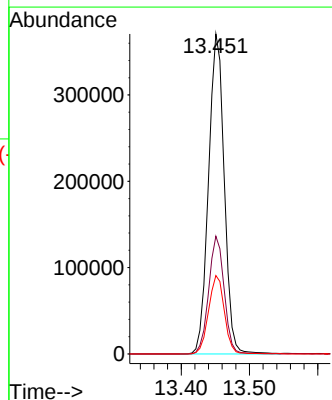
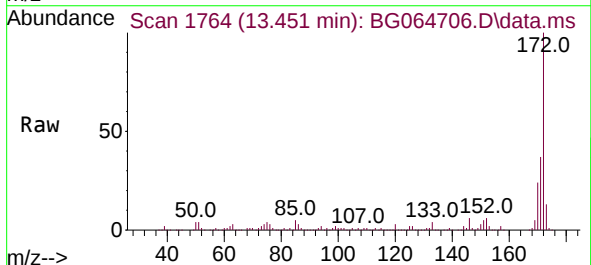
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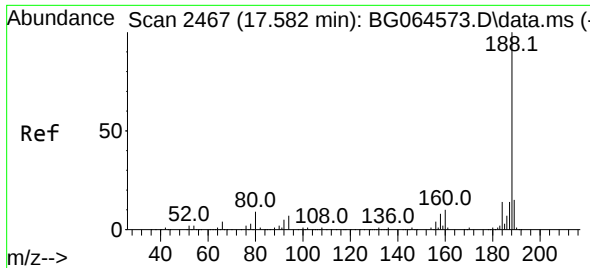
Tgt Ion:330 Resp: 267052
Ion Ratio Lower Upper
330 100
332 95.7 78.0 117.0
141 24.0 21.8 32.6



#45
2-Fluorobiphenyl
Concen: 82.114 ng
RT: 13.451 min Scan# 1764
Delta R.T. -0.025 min
Lab File: BG064706.D
Acq: 6 Nov 2025 17:09

Tgt Ion:172 Resp: 591707
Ion Ratio Lower Upper
172 100
171 36.8 29.4 44.0
170 24.5 19.1 28.7

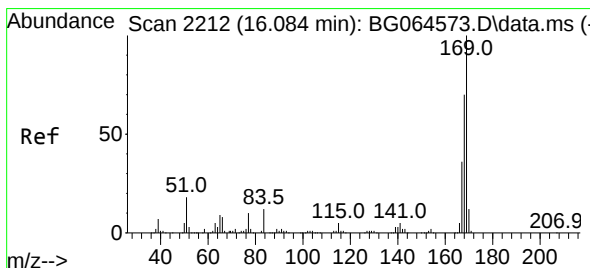
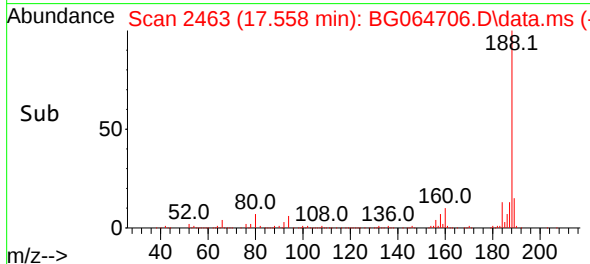
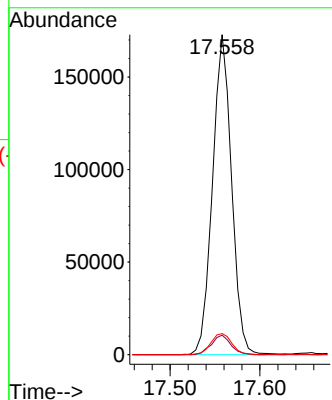
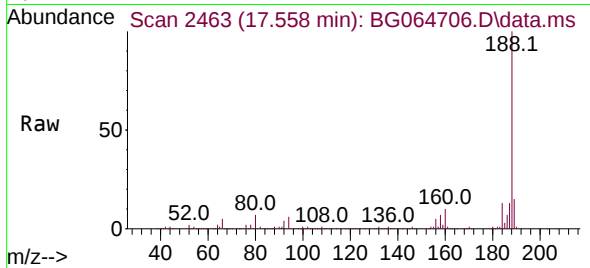




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.558 min Scan# 2463
Delta R.T. -0.025 min
Lab File: BG064706.D
Acq: 6 Nov 2025 17:09

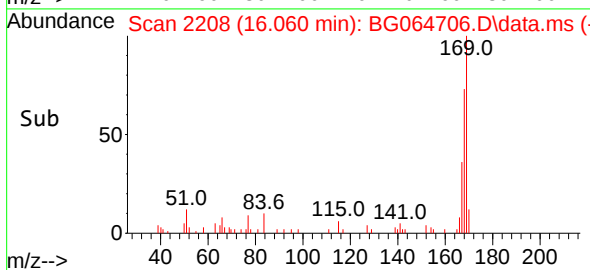
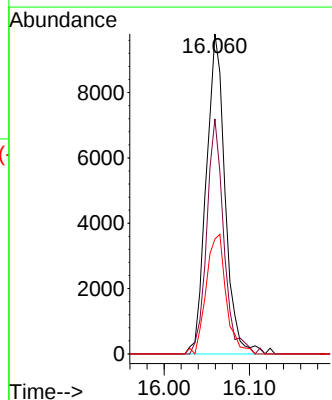
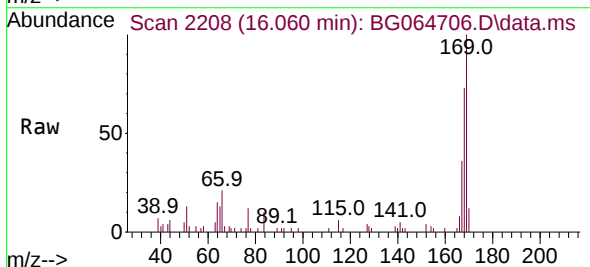
Instrument :
BNA_G
ClientSampleId :
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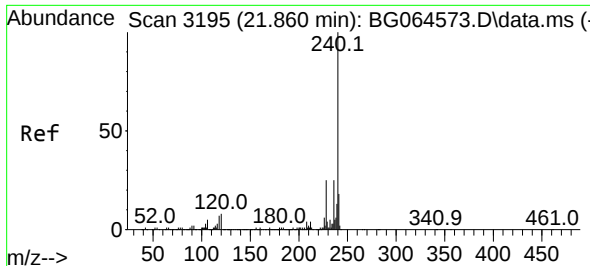
Tgt Ion:188 Resp: 255947
Ion Ratio Lower Upper
188 100
94 6.1 5.7 8.5
80 6.6 6.8 10.2#



#66
n-Nitrosodiphenylamine
Concen: 2.176 ng
RT: 16.060 min Scan# 2208
Delta R.T. -0.025 min
Lab File: BG064706.D
Acq: 6 Nov 2025 17:09

Tgt Ion:169 Resp: 15042
Ion Ratio Lower Upper
169 100
168 73.4 56.3 84.5
167 35.9 29.0 43.6

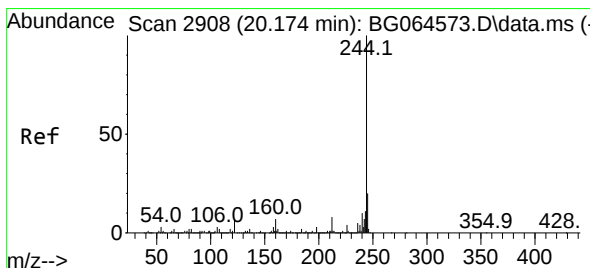
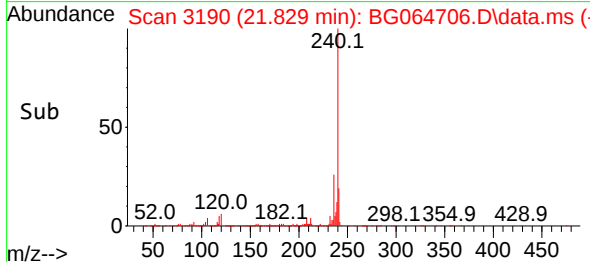
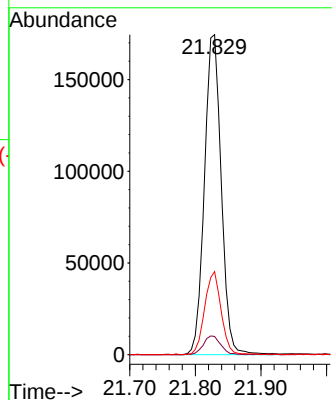
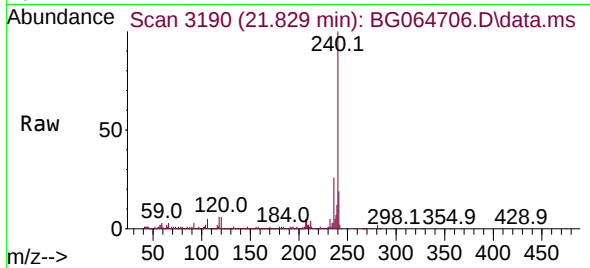




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.829 min Scan# 3195
Delta R.T. -0.031 min
Lab File: BG064706.D
Acq: 6 Nov 2025 17:09

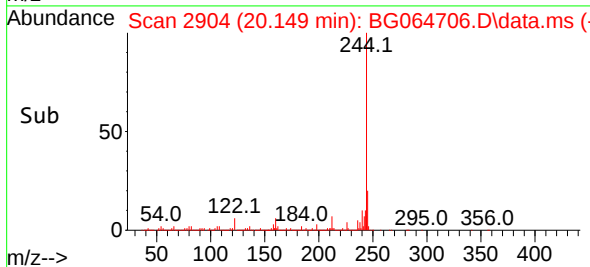
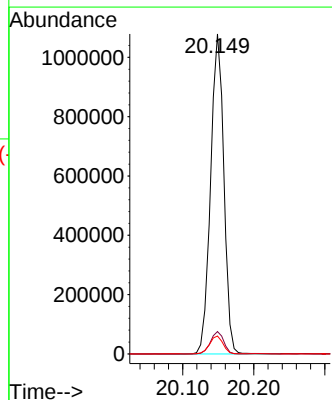
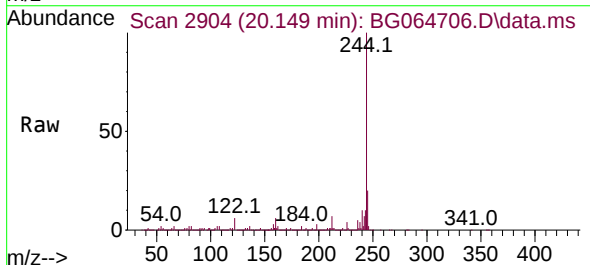
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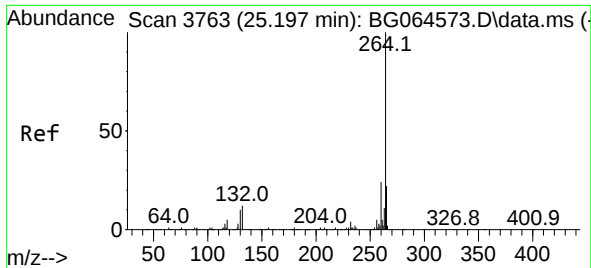
Tgt Ion:240 Resp: 309555
Ion Ratio Lower Upper
240 100
120 5.7 6.5 9.7#
236 25.9 20.2 30.2



#79
Terphenyl-d14
Concen: 85.073 ng
RT: 20.149 min Scan# 2904
Delta R.T. -0.025 min
Lab File: BG064706.D
Acq: 6 Nov 2025 17:09

Tgt Ion:244 Resp: 1395468
Ion Ratio Lower Upper
244 100
212 7.0 6.1 9.1
122 5.6 5.6 8.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.155 min Scan# 31
 Delta R.T. -0.042 min
 Lab File: BG064706.D
 Acq: 6 Nov 2025 17:09

Instrument :
 BNA_G
 ClientSampleId :
 MW-EB-3

Tgt Ion:264 Resp: 340594

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.0	28.4
265	22.3	17.6	26.4

