

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
 Data File : BG064602.D
 Acq On : 28 Oct 2025 15:10
 Operator : RC/JU
 Sample : Q3460-16
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-4

Quant Time: Oct 28 15:45:30 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	8.219	152	40793	20.000	ng	0.00
21) Naphthalene-d8	11.039	136	149093	20.000	ng	-0.01
39) Acenaphthene-d10	14.841	164	104779	20.000	ng	0.00
64) Phenanthrene-d10	17.573	188	228288	20.000	ng	0.00
76) Chrysene-d12	21.844	240	303232	20.000	ng	-0.02
86) Perylene-d12	25.182	264	339387	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.751	112	310033	127.568	ng	0.00
7) Phenol-d6	7.350	99	382638	114.737	ng	0.00
23) Nitrobenzene-d5	9.377	82	263389	106.107	ng	-0.01
42) 2,4,6-Tribromophenol	16.316	330	206728	136.700	ng	0.00
45) 2-Fluorobiphenyl	13.466	172	645127	93.325	ng	-0.01
79) Terphenyl-d14	20.164	244	1298985	80.842	ng	-0.01

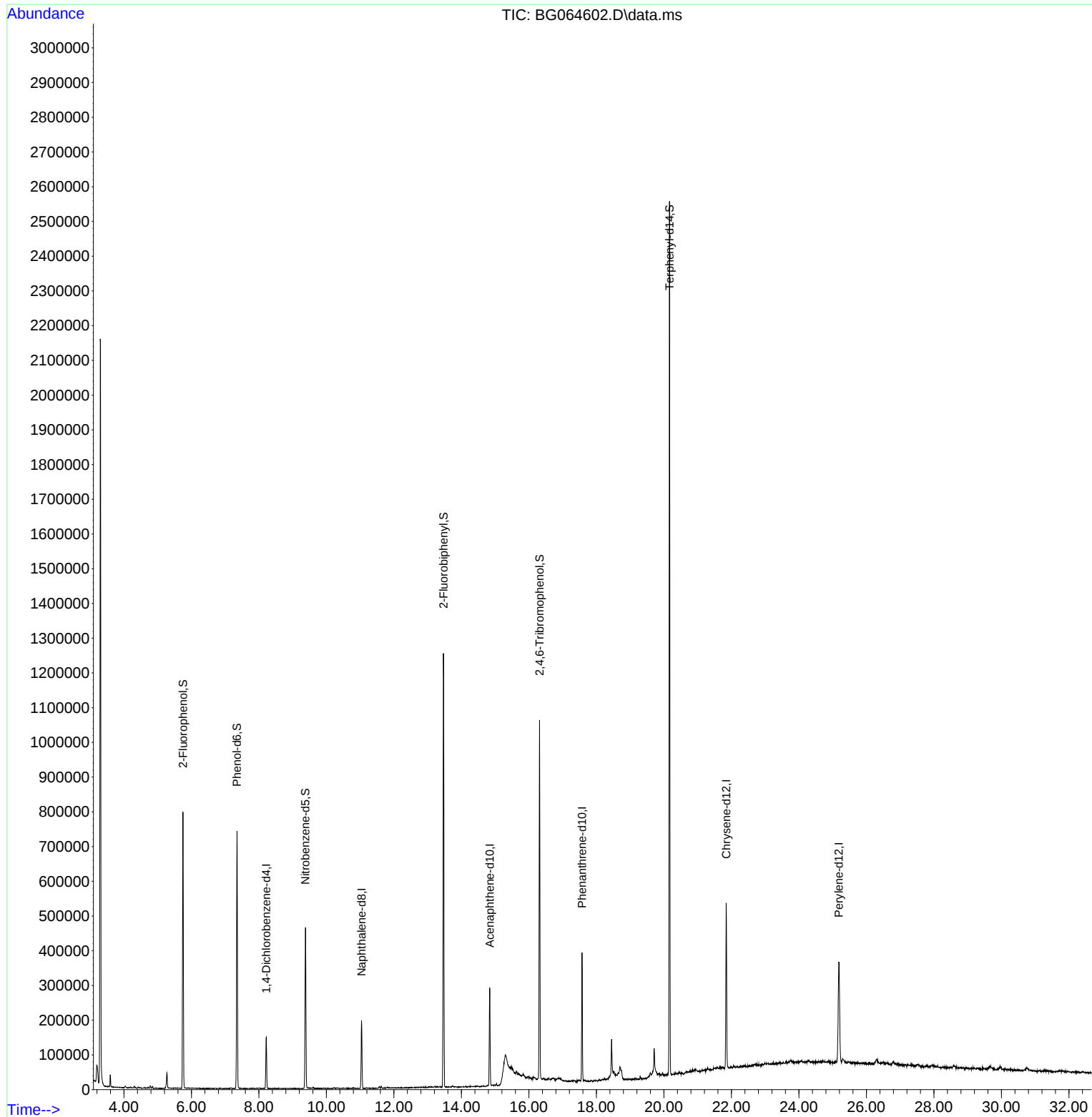
Target Compounds	Qvalue

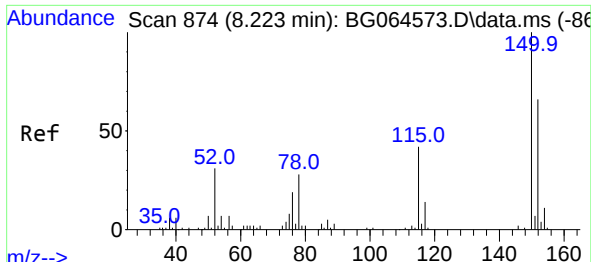
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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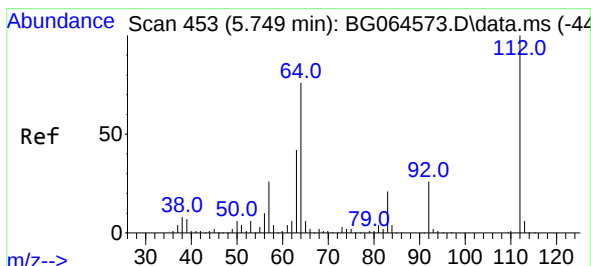
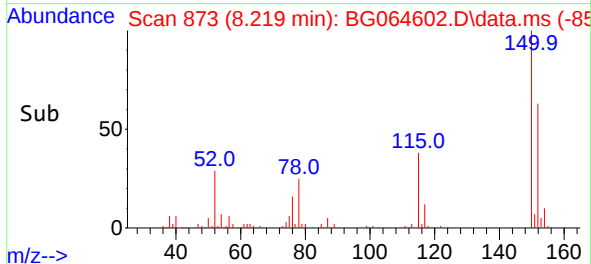
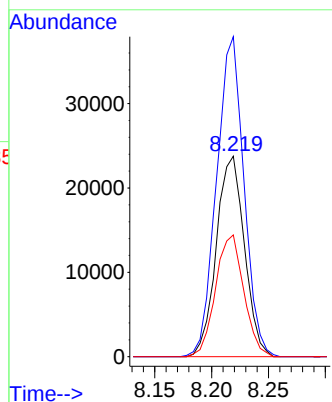
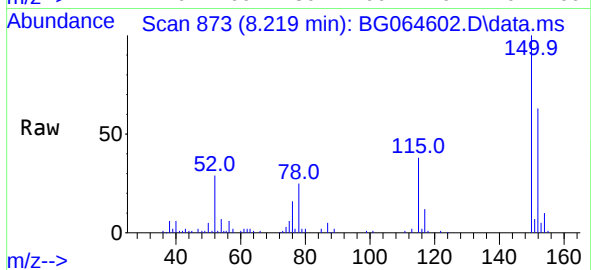




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.219 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG064602.D
Acq: 28 Oct 2025 15:10

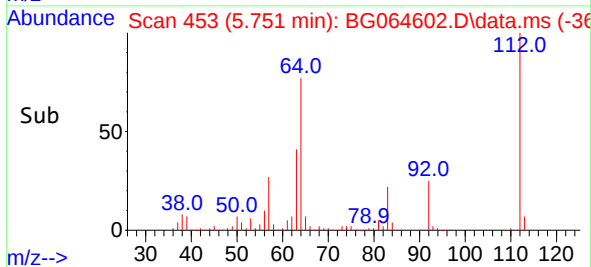
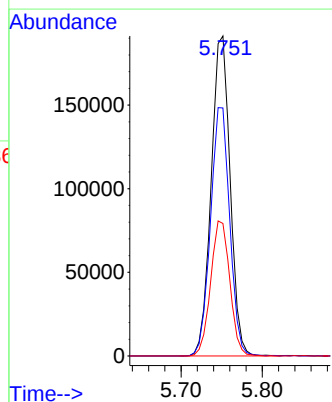
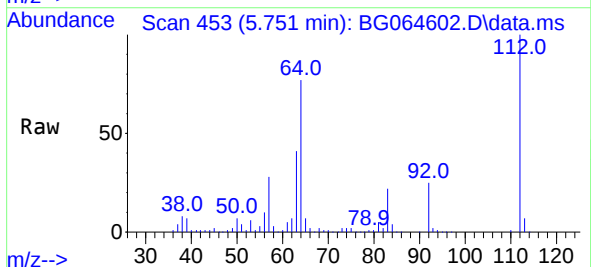
Instrument :
BNA_G
ClientSampleId :
WC-4

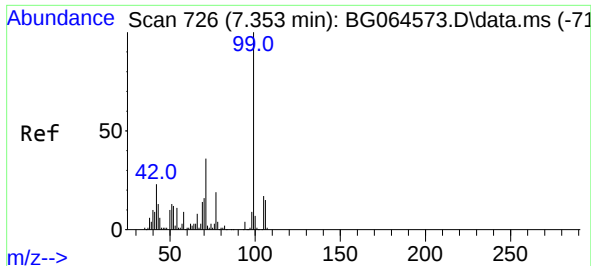
Tgt Ion:152 Resp: 40793
Ion Ratio Lower Upper
152 100
150 159.6 122.2 183.4
115 60.8 50.8 76.2



#5
2-Fluorophenol
Concen: 127.568 ng
RT: 5.751 min Scan# 453
Delta R.T. 0.004 min
Lab File: BG064602.D
Acq: 28 Oct 2025 15:10

Tgt Ion:112 Resp: 310033
Ion Ratio Lower Upper
112 100
64 77.5 60.7 91.1
63 41.4 33.4 50.0

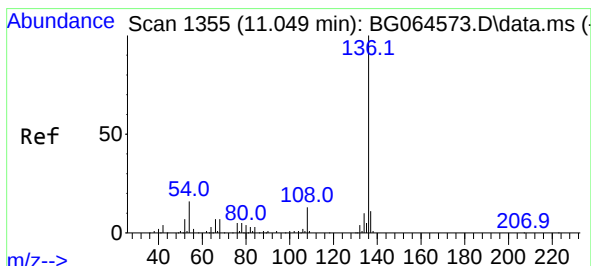
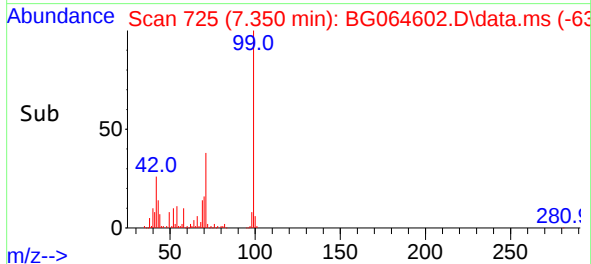
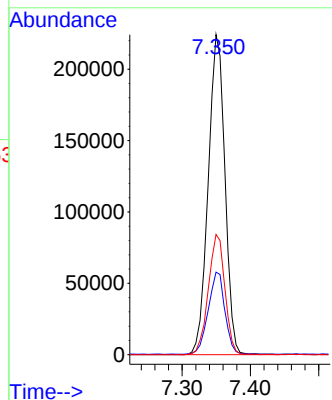
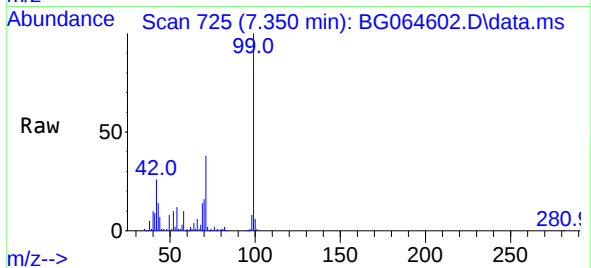




#7
Phenol-d6
Concen: 114.737 ng
RT: 7.350 min Scan# 71
Delta R.T. -0.007 min
Lab File: BG064602.D
Acq: 28 Oct 2025 15:10

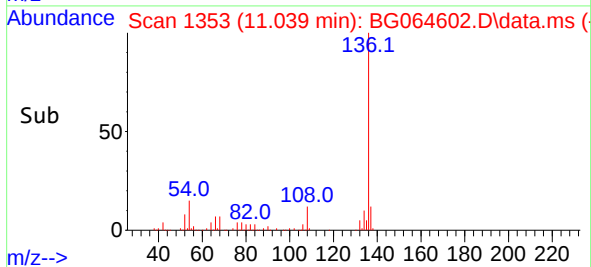
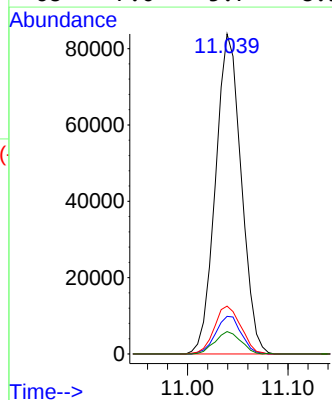
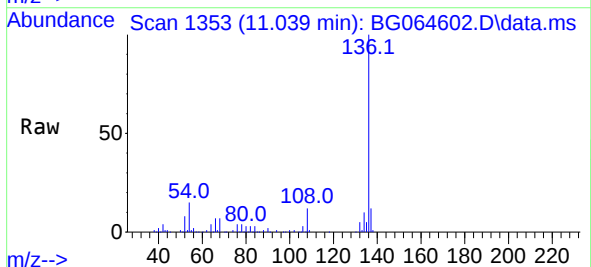
Instrument :
BNA_G
ClientSampleId :
WC-4

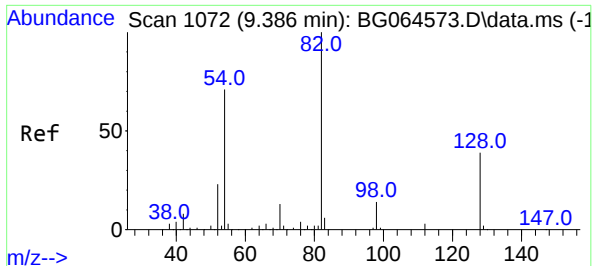
Tgt Ion: 99 Resp: 382638
Ion Ratio Lower Upper
99 100
42 25.8 18.3 27.5
71 37.5 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.039 min Scan# 1353
Delta R.T. -0.013 min
Lab File: BG064602.D
Acq: 28 Oct 2025 15:10

Tgt Ion: 136 Resp: 149093
Ion Ratio Lower Upper
136 100
137 11.7 9.2 13.8
54 15.0 12.6 19.0
68 7.0 5.7 8.5





#23

Nitrobenzene-d5

Concen: 106.107 ng

RT: 9.377 min Scan# 1070

Delta R.T. -0.013 min

Lab File: BG064602.D

Acq: 28 Oct 2025 15:10

Instrument :

BNA_G

ClientSampleId :

WC-4

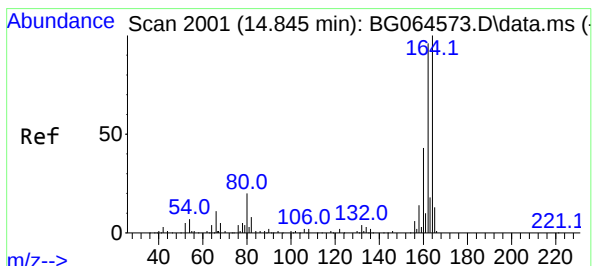
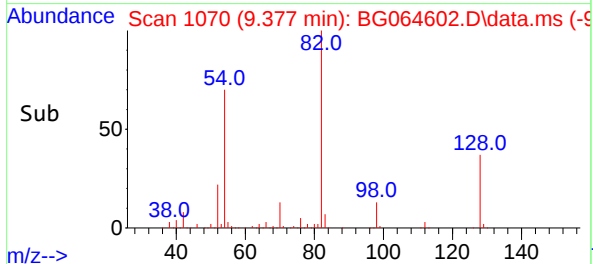
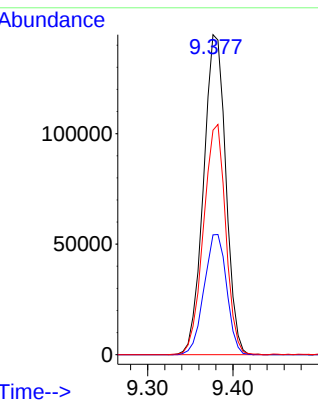
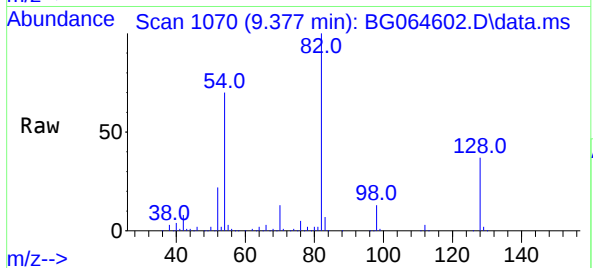
Tgt Ion: 82 Resp: 263389

Ion Ratio Lower Upper

82 100

128 37.4 31.3 46.9

54 70.2 56.6 84.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.841 min Scan# 2000

Delta R.T. -0.001 min

Lab File: BG064602.D

Acq: 28 Oct 2025 15:10

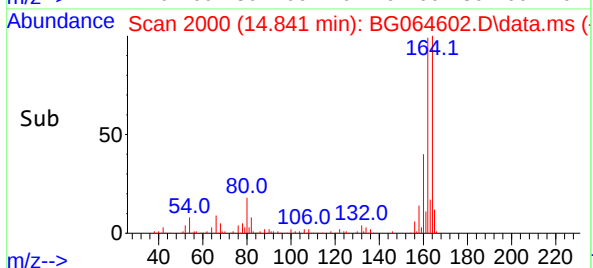
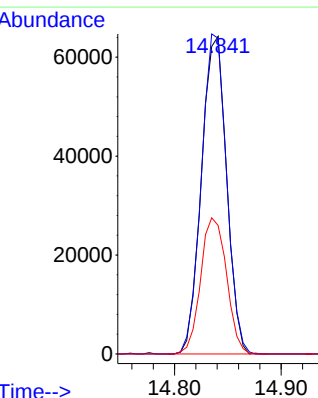
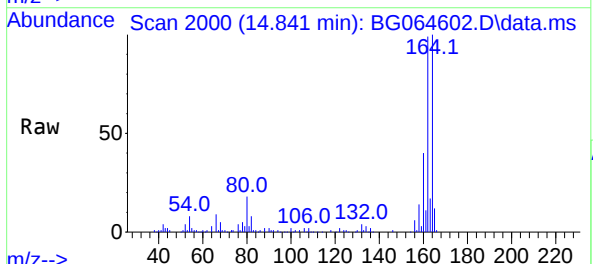
Tgt Ion:164 Resp: 104779

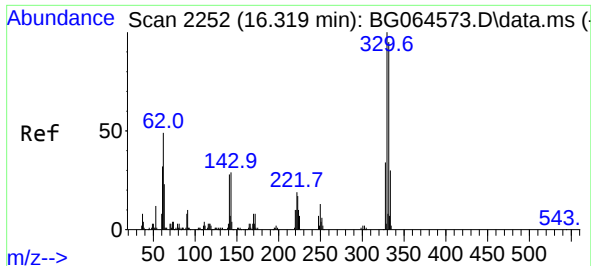
Ion Ratio Lower Upper

164 100

162 99.4 77.0 115.6

160 40.4 34.4 51.6

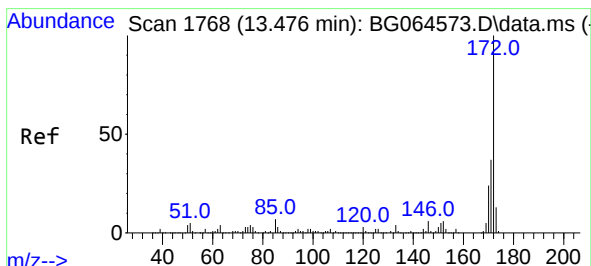
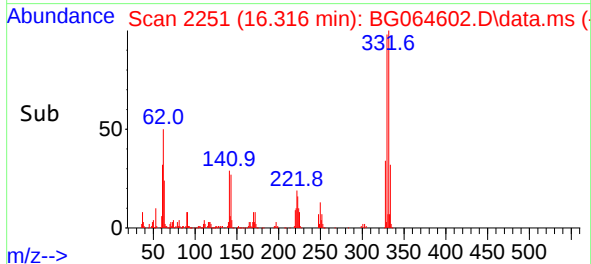
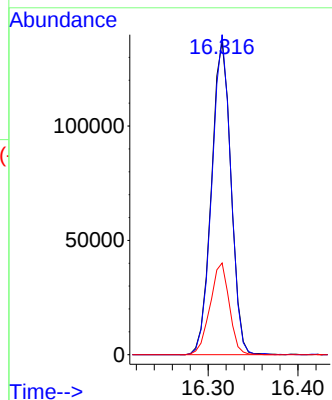
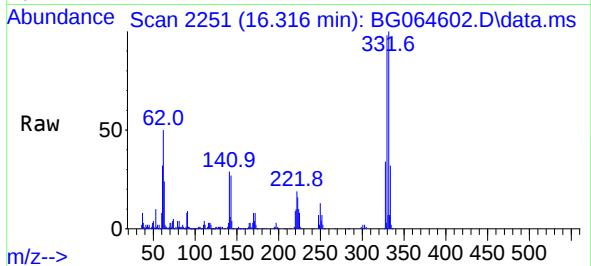




#42
2,4,6-Tribromophenol
Concen: 136.700 ng
RT: 16.316 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG064602.D
Acq: 28 Oct 2025 15:10

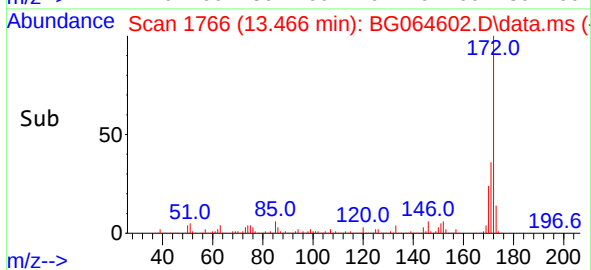
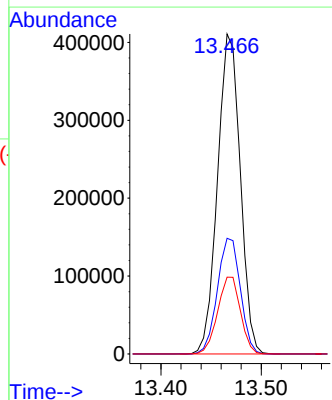
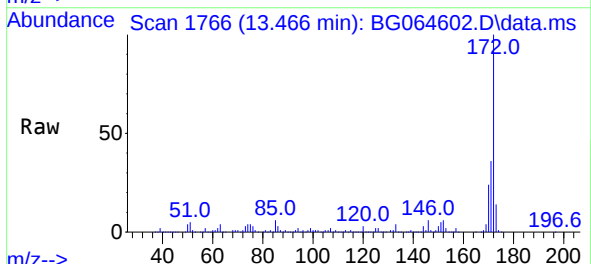
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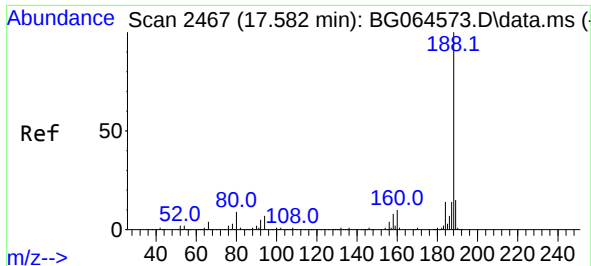
Tgt Ion:330 Resp: 206728
Ion Ratio Lower Upper
330 100
332 98.8 78.0 117.0
141 28.7 21.8 32.6



#45
2-Fluorobiphenyl
Concen: 93.325 ng
RT: 13.466 min Scan# 1766
Delta R.T. -0.013 min
Lab File: BG064602.D
Acq: 28 Oct 2025 15:10

Tgt Ion:172 Resp: 645127
Ion Ratio Lower Upper
172 100
171 36.1 29.4 44.0
170 24.0 19.1 28.7

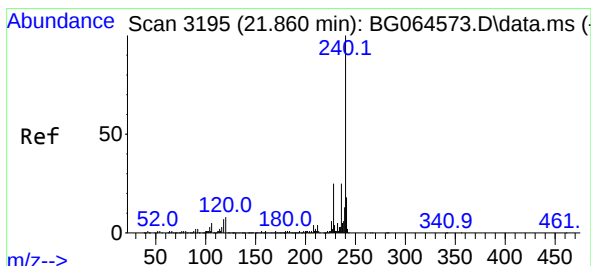
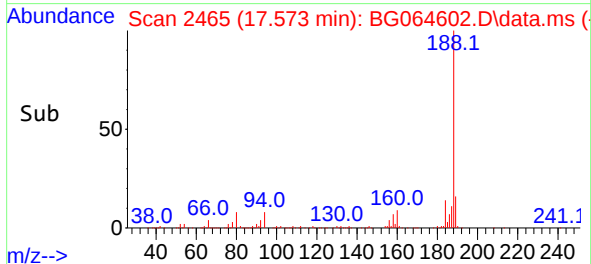
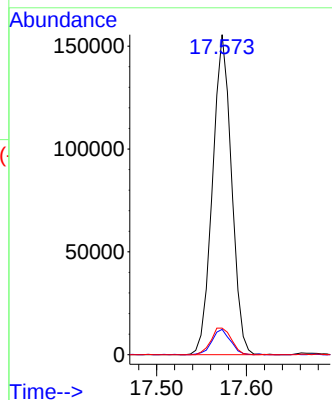
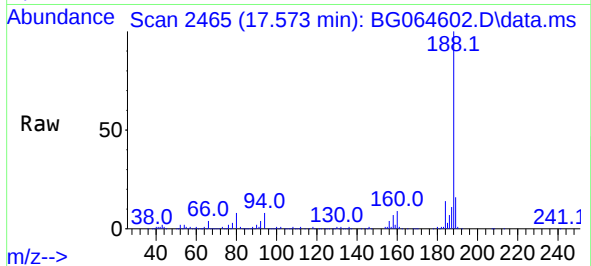




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.573 min Scan# 2465
Delta R.T. -0.007 min
Lab File: BG064602.D
Acq: 28 Oct 2025 15:10

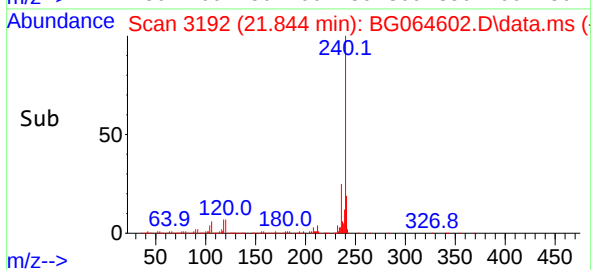
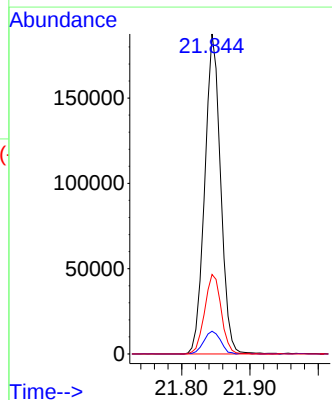
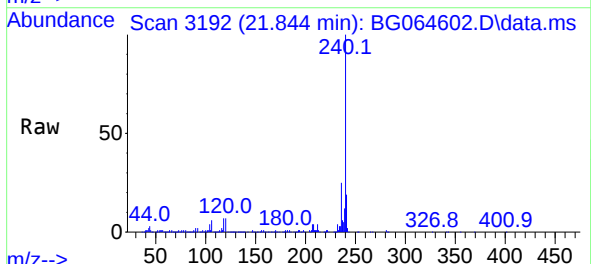
Instrument :
BNA_G
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WC-4

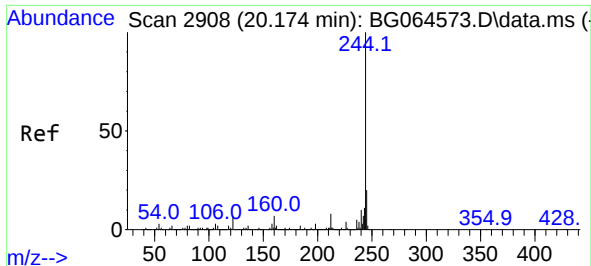
Tgt Ion:188 Resp: 228288
Ion Ratio Lower Upper
188 100
94 7.9 5.7 8.5
80 8.3 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.844 min Scan# 3192
Delta R.T. -0.019 min
Lab File: BG064602.D
Acq: 28 Oct 2025 15:10

Tgt Ion:240 Resp: 303232
Ion Ratio Lower Upper
240 100
120 7.1 6.5 9.7
236 24.8 20.2 30.2

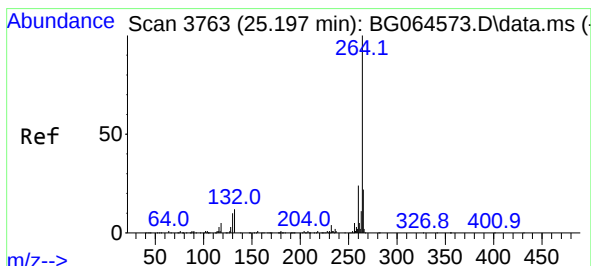
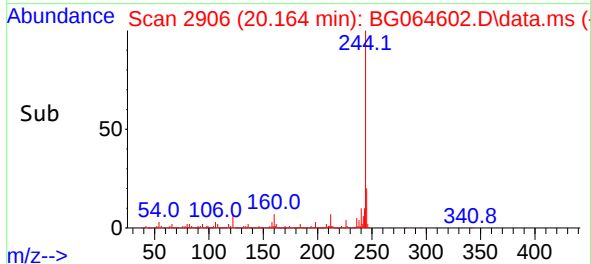
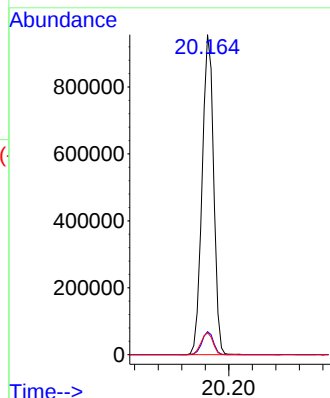
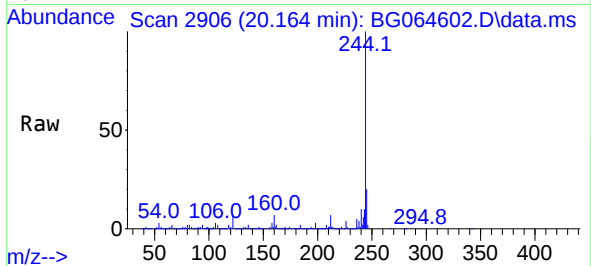




#79
 Terphenyl-d14
 Concen: 80.842 ng
 RT: 20.164 min Scan# 2908
 Delta R.T. -0.013 min
 Lab File: BG064602.D
 Acq: 28 Oct 2025 15:10

Instrument :
 BNA_G
 ClientSampleId :
 WC-4

Tgt Ion:244 Resp: 1298985
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 6.8 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.182 min Scan# 3760
 Delta R.T. -0.019 min
 Lab File: BG064602.D
 Acq: 28 Oct 2025 15:10

Tgt Ion:264 Resp: 339387
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.4
 265 21.4 17.6 26.4

