

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
 Data File : BG064604.D
 Acq On : 28 Oct 2025 16:32
 Operator : RC/JU
 Sample : Q3452-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JB-1

Quant Time: Oct 28 17:12:16 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	8.217	152	39136	20.000	ng	0.00
21) Naphthalene-d8	11.043	136	141814	20.000	ng	0.00
39) Acenaphthene-d10	14.838	164	101209	20.000	ng	0.00
64) Phenanthrene-d10	17.570	188	240170	20.000	ng	# 0.00
76) Chrysene-d12	21.848	240	330374	20.000	ng	-0.02
86) Perylene-d12	25.191	264	347463	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.749	112	302634	129.796	ng	0.00
7) Phenol-d6	7.347	99	335585	104.888	ng	0.00
23) Nitrobenzene-d5	9.380	82	240436	101.832	ng	0.00
42) 2,4,6-Tribromophenol	16.313	330	210223	143.914	ng	0.00
45) 2-Fluorobiphenyl	13.469	172	589388	88.269	ng	0.00
79) Terphenyl-d14	20.167	244	1417711	80.983	ng	0.00

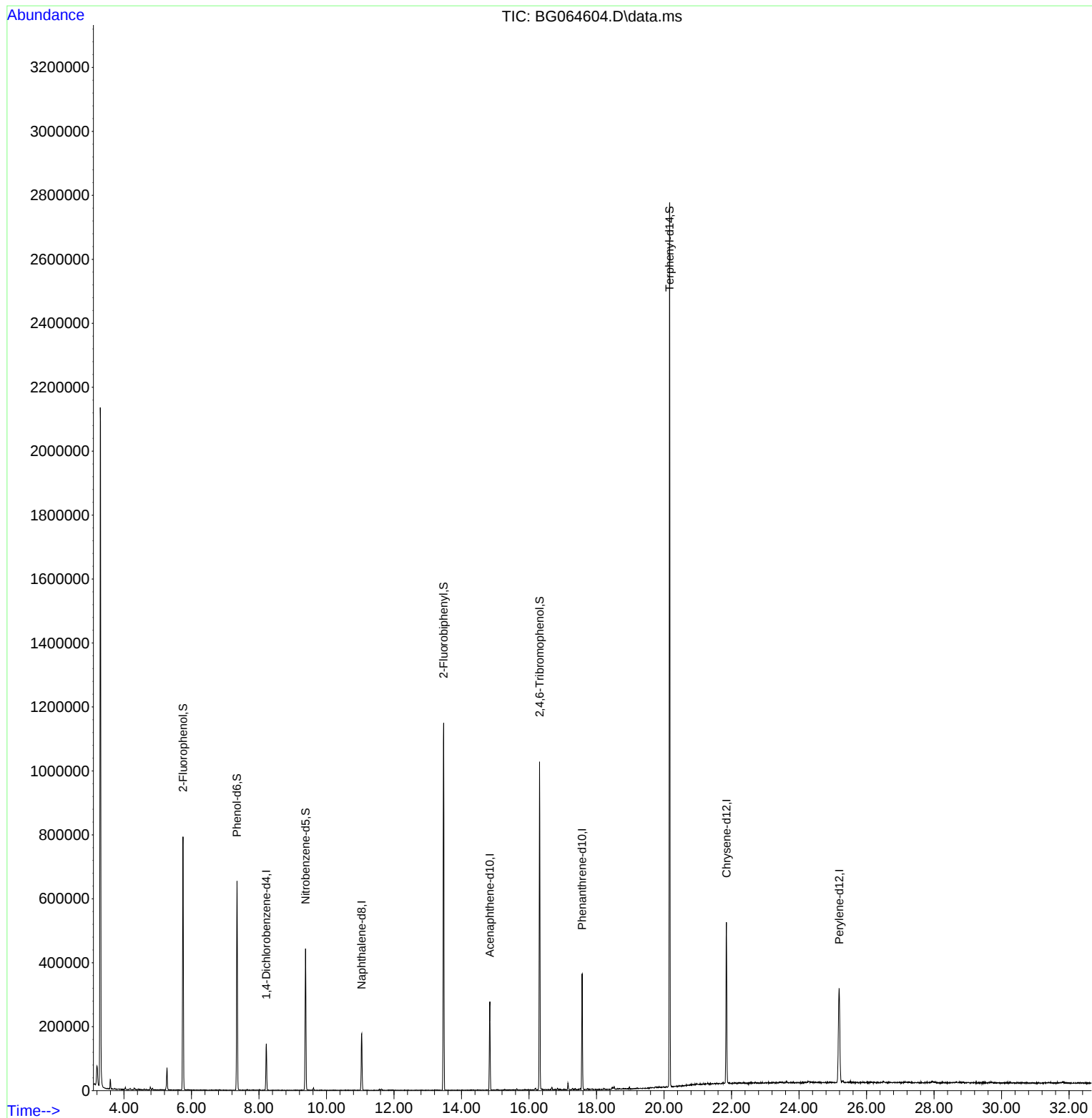
Target Compounds	Qvalue

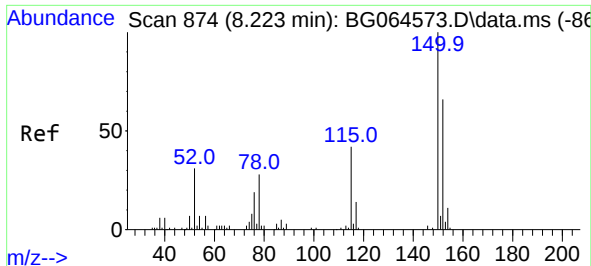
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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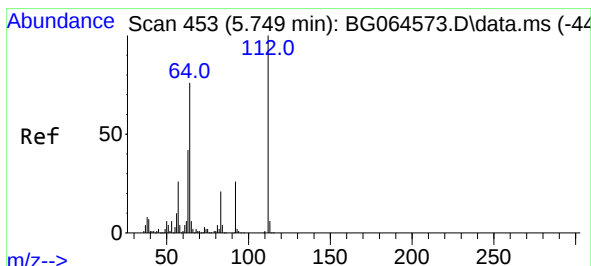
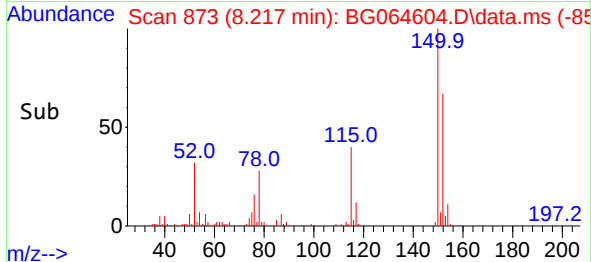
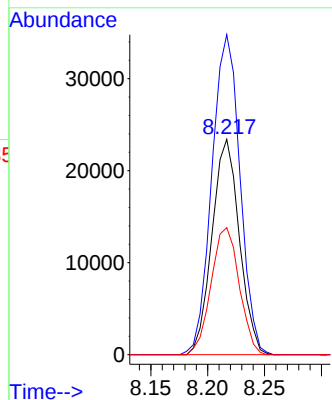
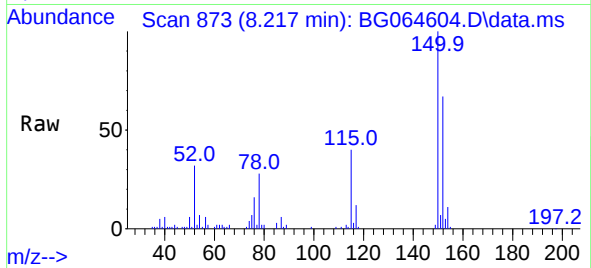




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.217 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG064604.D
Acq: 28 Oct 2025 16:32

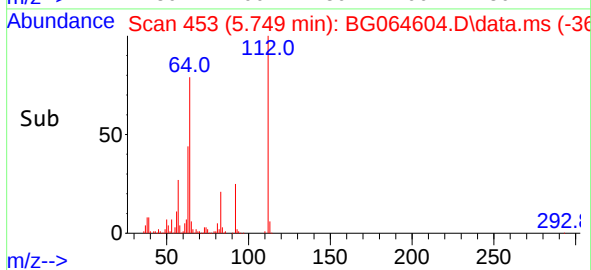
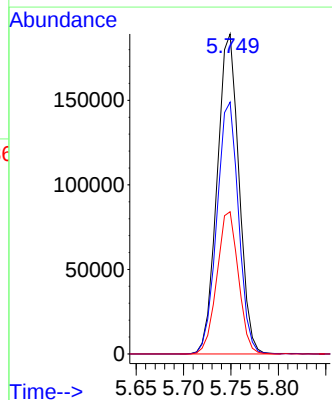
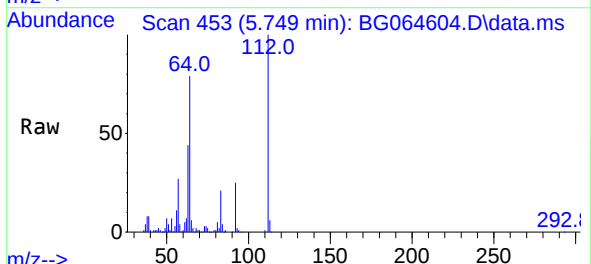
Instrument :
BNA_G
ClientSampleId :
JB-1

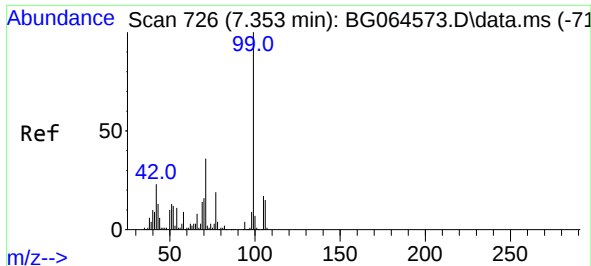
Tgt Ion:152 Resp: 39136
Ion Ratio Lower Upper
152 100
150 148.5 122.2 183.4
115 59.0 50.8 76.2



#5
2-Fluorophenol
Concen: 129.796 ng
RT: 5.749 min Scan# 453
Delta R.T. 0.002 min
Lab File: BG064604.D
Acq: 28 Oct 2025 16:32

Tgt Ion:112 Resp: 302634
Ion Ratio Lower Upper
112 100
64 78.7 60.7 91.1
63 44.5 33.4 50.0

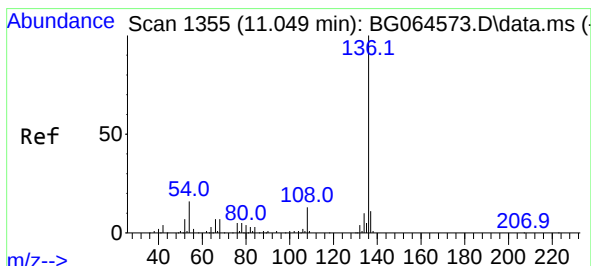
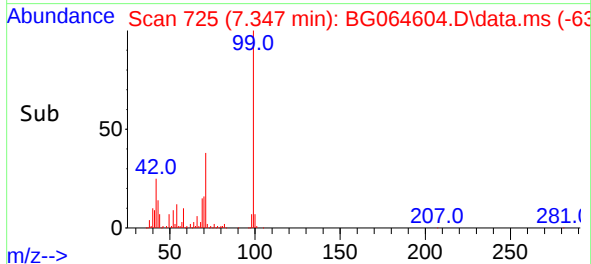
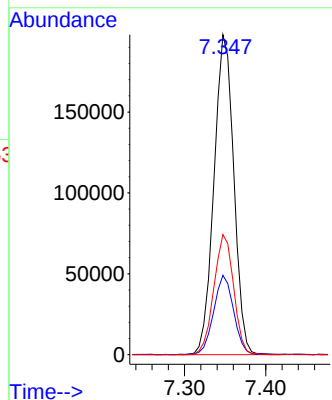
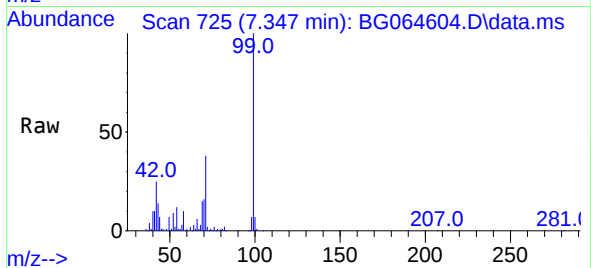




#7
Phenol-d6
Concen: 104.888 ng
RT: 7.347 min Scan# 71
Delta R.T. -0.010 min
Lab File: BG064604.D
Acq: 28 Oct 2025 16:32

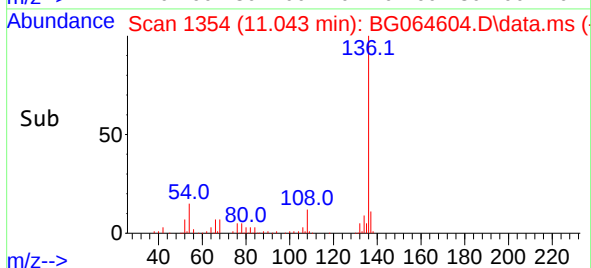
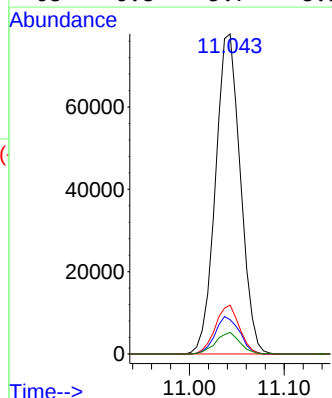
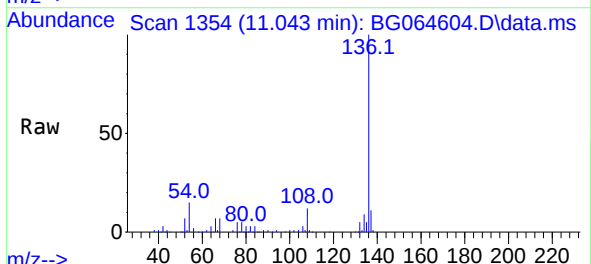
Instrument :
BNA_G
ClientSampleId :
JB-1

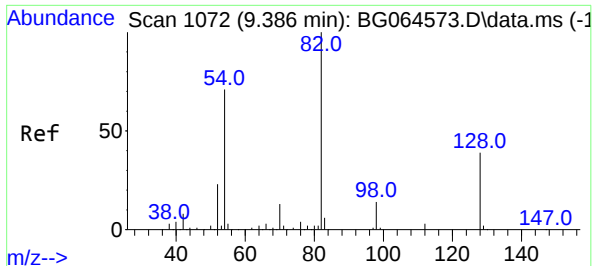
Tgt Ion: 99 Resp: 335585
Ion Ratio Lower Upper
99 100
42 24.8 18.3 27.5
71 37.5 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.043 min Scan# 1354
Delta R.T. -0.010 min
Lab File: BG064604.D
Acq: 28 Oct 2025 16:32

Tgt Ion:136 Resp: 141814
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 15.3 12.6 19.0
68 6.8 5.7 8.5





#23

Nitrobenzene-d5

Concen: 101.832 ng

RT: 9.380 min Scan# 1

Delta R.T. -0.010 min

Lab File: BG064604.D

Acq: 28 Oct 2025 16:32

Instrument :

BNA_G

ClientSampleId :

JB-1

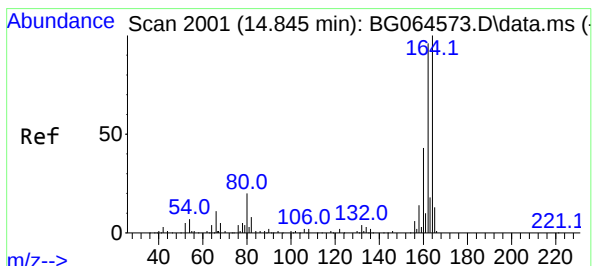
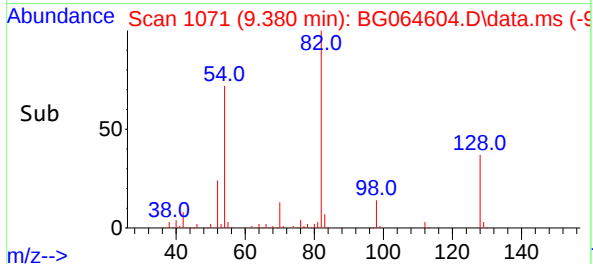
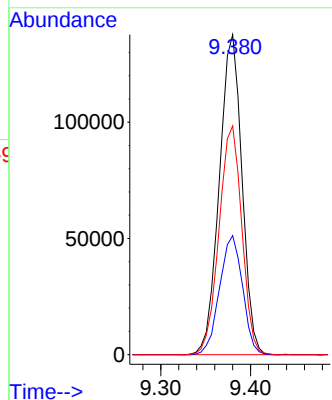
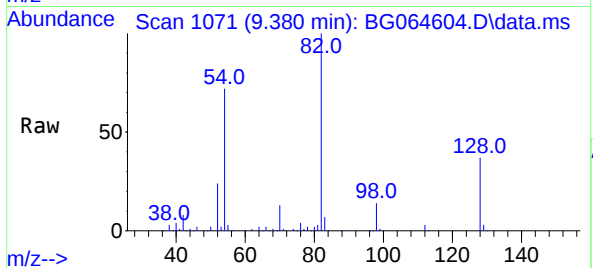
Tgt Ion: 82 Resp: 240436

Ion Ratio Lower Upper

82 100

128 37.2 31.3 46.9

54 71.5 56.6 84.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.838 min Scan# 2000

Delta R.T. -0.004 min

Lab File: BG064604.D

Acq: 28 Oct 2025 16:32

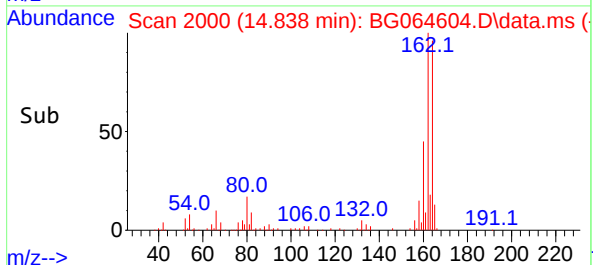
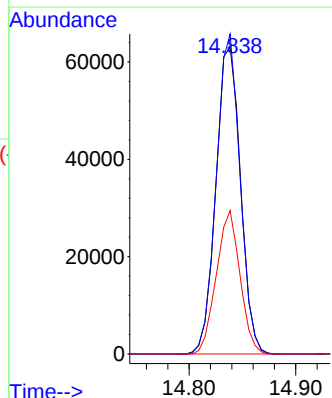
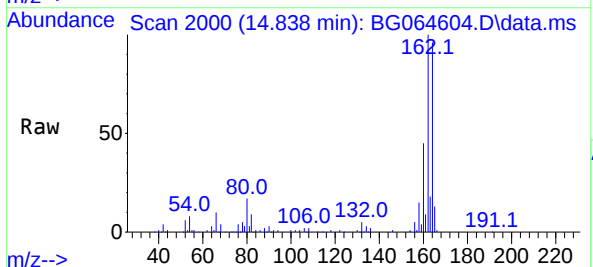
Tgt Ion:164 Resp: 101209

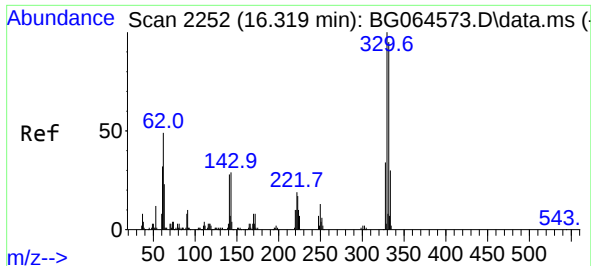
Ion Ratio Lower Upper

164 100

162 104.3 77.0 115.6

160 46.7 34.4 51.6

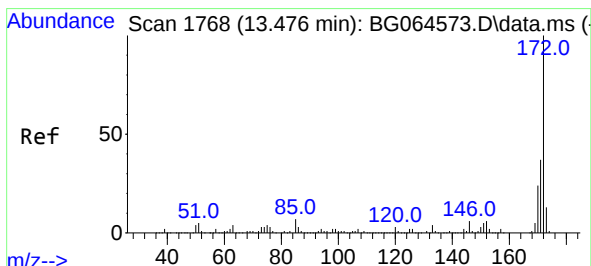
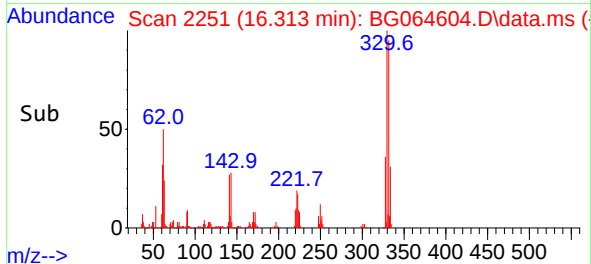
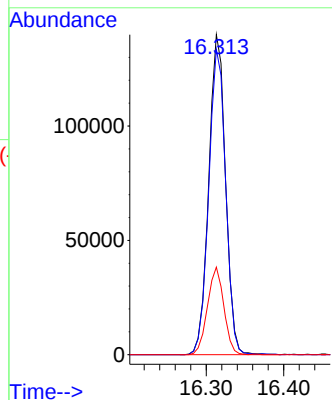
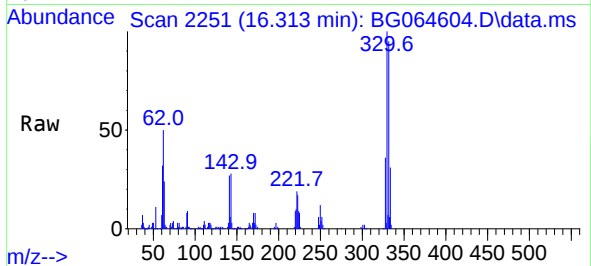




#42
2,4,6-Tribromophenol
Concen: 143.914 ng
RT: 16.313 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG064604.D
Acq: 28 Oct 2025 16:32

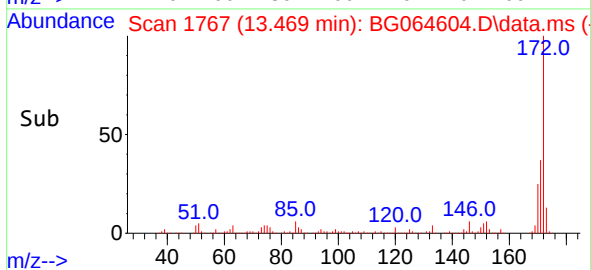
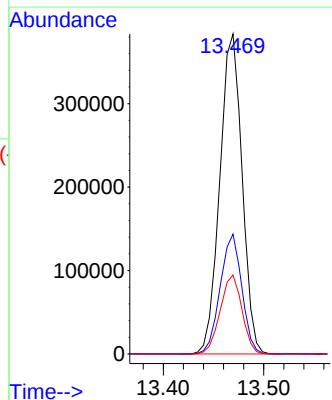
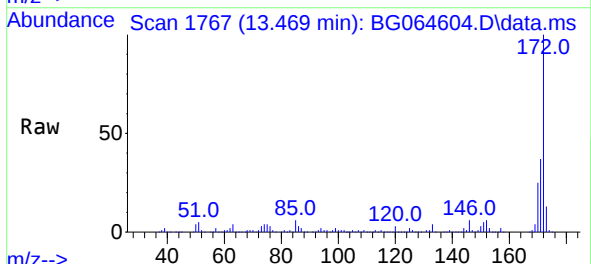
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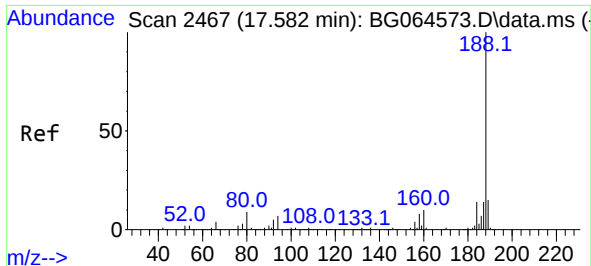
Tgt Ion:330 Resp: 210223
Ion Ratio Lower Upper
330 100
332 96.1 78.0 117.0
141 26.7 21.8 32.6



#45
2-Fluorobiphenyl
Concen: 88.269 ng
RT: 13.469 min Scan# 1767
Delta R.T. -0.010 min
Lab File: BG064604.D
Acq: 28 Oct 2025 16:32

Tgt Ion:172 Resp: 589388
Ion Ratio Lower Upper
172 100
171 37.4 29.4 44.0
170 24.7 19.1 28.7

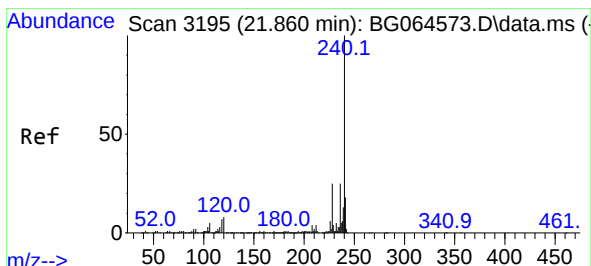
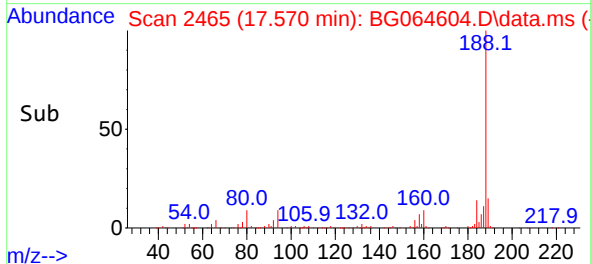
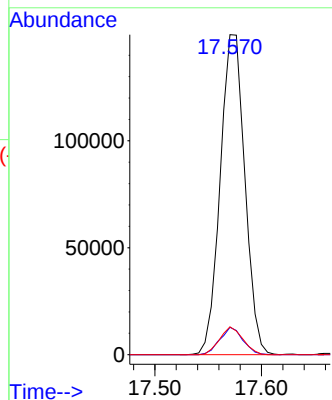
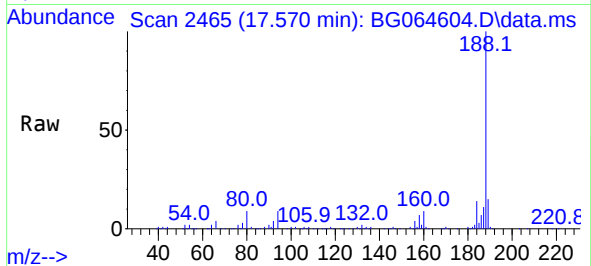




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.570 min Scan# 2465
Delta R.T. -0.010 min
Lab File: BG064604.D
Acq: 28 Oct 2025 16:32

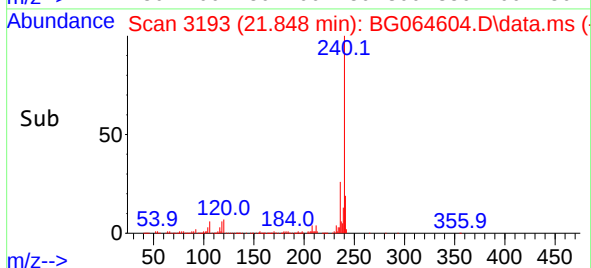
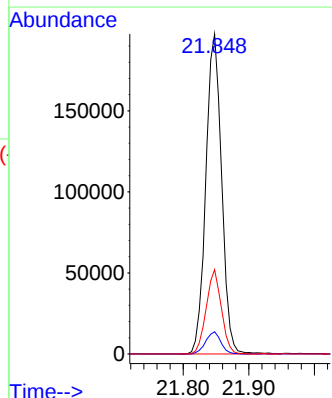
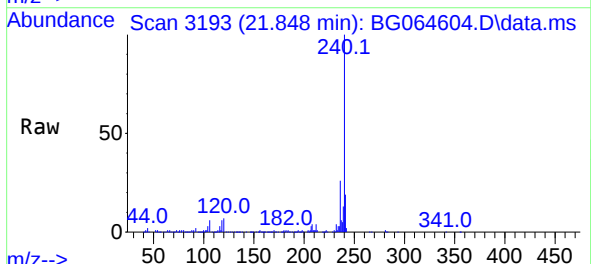
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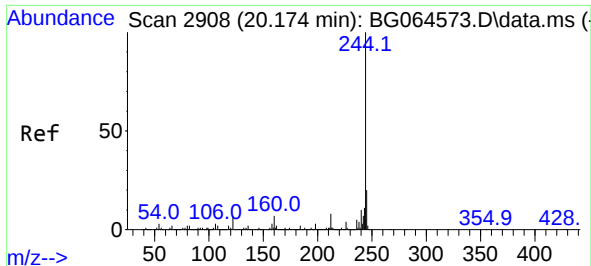
Tgt Ion:188 Resp: 240170
Ion Ratio Lower Upper
188 100
94 8.5 5.7 8.5#
80 8.7 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.848 min Scan# 3193
Delta R.T. -0.016 min
Lab File: BG064604.D
Acq: 28 Oct 2025 16:32

Tgt Ion:240 Resp: 330374
Ion Ratio Lower Upper
240 100
120 6.9 6.5 9.7
236 26.4 20.2 30.2

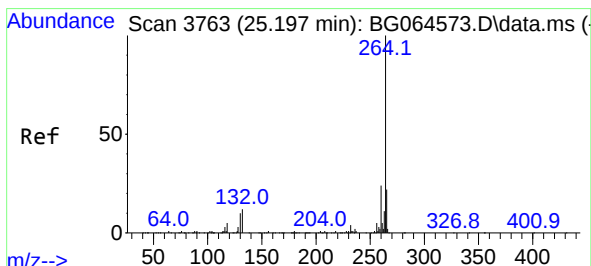
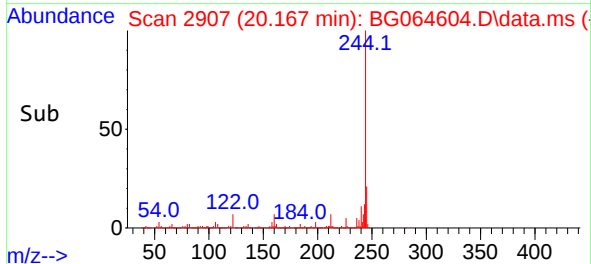
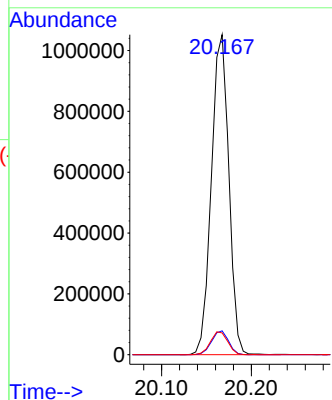
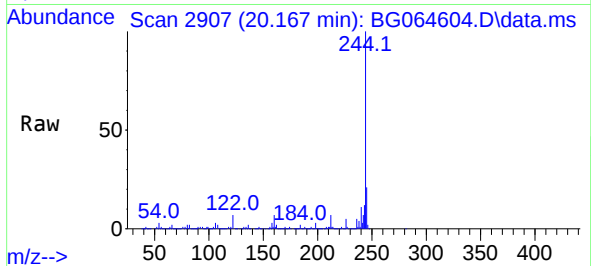




#79
 Terphenyl-d14
 Concen: 80.983 ng
 RT: 20.167 min Scan# 24
 Delta R.T. -0.010 min
 Lab File: BG064604.D
 Acq: 28 Oct 2025 16:32

Instrument :
 BNA_G
 ClientSampleId :
 JB-1

Tgt Ion:244 Resp: 1417711
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 6.8 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.191 min Scan# 3762
 Delta R.T. -0.010 min
 Lab File: BG064604.D
 Acq: 28 Oct 2025 16:32

Tgt Ion:264 Resp: 347463
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.4
 265 21.8 17.6 26.4

