

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102725\
 Data File : BG064597.D
 Acq On : 27 Oct 2025 21:31
 Operator : RC/JU
 Sample : Q3422-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR132-S15-000008-20251021

Quant Time: Oct 28 01:08:48 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)

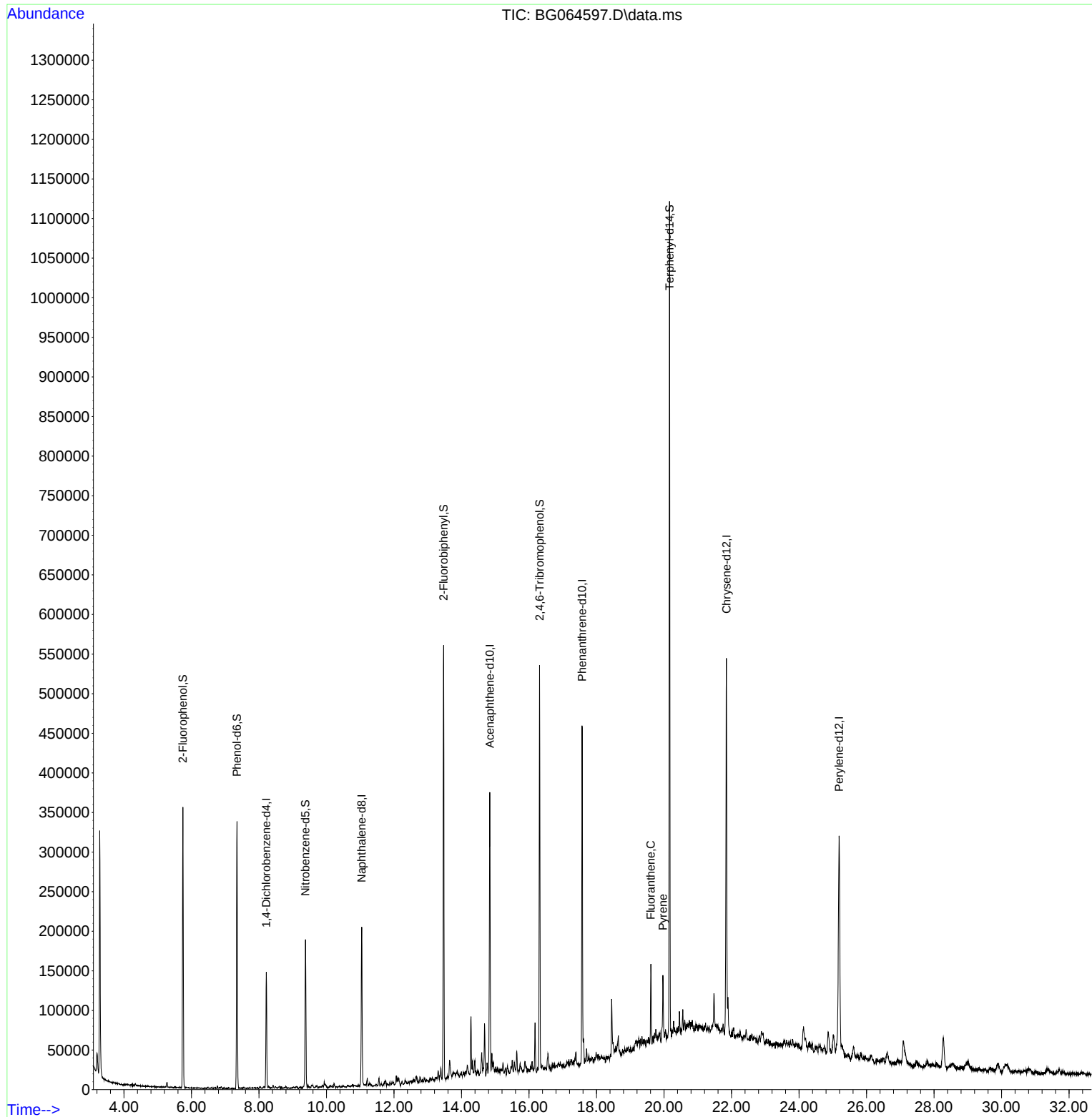
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.217	152	39403	20.000	ng	0.00
21) Naphthalene-d8	11.043	136	157676	20.000	ng	0.00
39) Acenaphthene-d10	14.839	164	121417	20.000	ng	0.00
64) Phenanthrene-d10	17.571	188	282320	20.000	ng	0.00
76) Chrysene-d12	21.848	240	298427	20.000	ng	-0.02
86) Perylene-d12	25.186	264	319820	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	138111	58.833	ng	0.00
7) Phenol-d6	7.348	99	178383	55.376	ng	0.00
23) Nitrobenzene-d5	9.375	82	102813	39.164	ng	-0.02
42) 2,4,6-Tribromophenol	16.314	330	102205	58.322	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	278900	34.817	ng	0.00
79) Terphenyl-d14	20.162	244	538843	34.075	ng	-0.02
Target Compounds						
						Qvalue
75) Fluoranthene	19.610	202	63571	3.287	ng	99
78) Pyrene	19.968	202	50972	2.614	ng	98

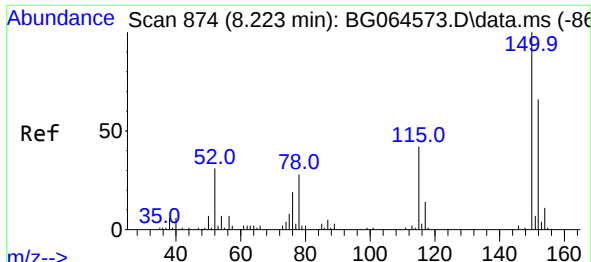
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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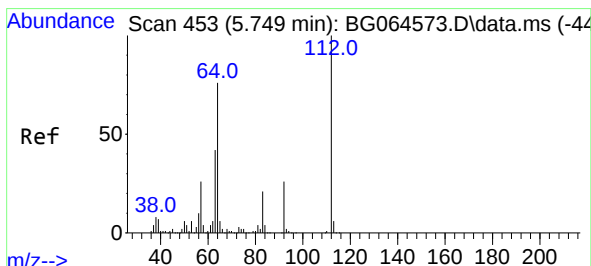
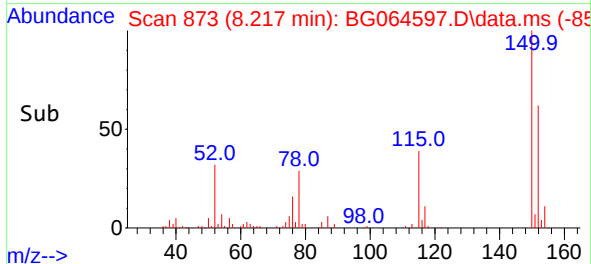
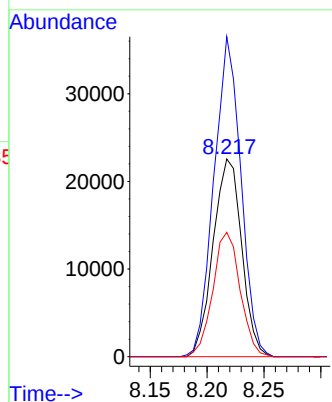
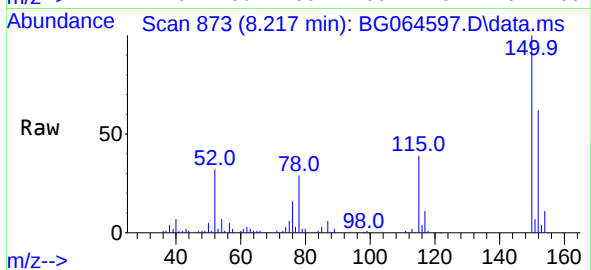




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.217 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG064597.D
Acq: 27 Oct 2025 21:31

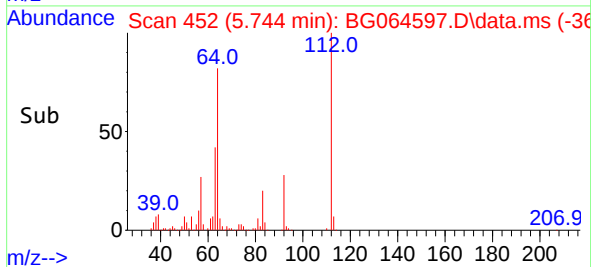
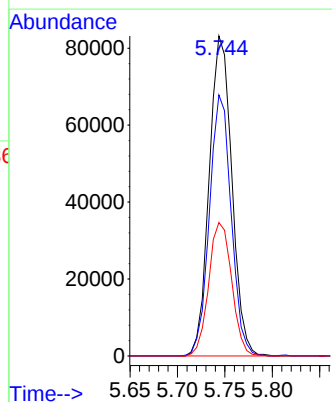
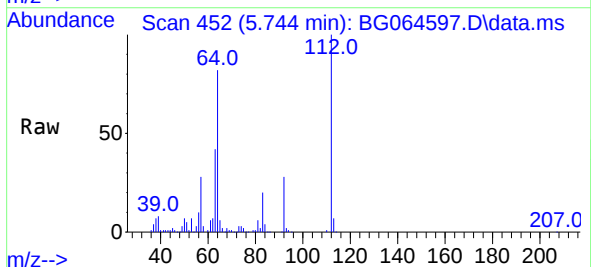
Instrument :
BNA_G
ClientSampleId :
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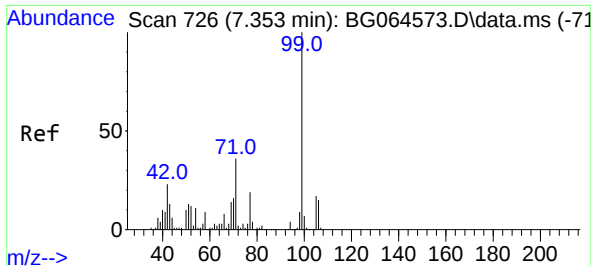
Tgt Ion:152 Resp: 39403
Ion Ratio Lower Upper
152 100
150 161.8 122.2 183.4
115 62.9 50.8 76.2



#5
2-Fluorophenol
Concen: 58.833 ng
RT: 5.744 min Scan# 452
Delta R.T. -0.003 min
Lab File: BG064597.D
Acq: 27 Oct 2025 21:31

Tgt Ion:112 Resp: 138111
Ion Ratio Lower Upper
112 100
64 81.6 60.7 91.1
63 41.7 33.4 50.0

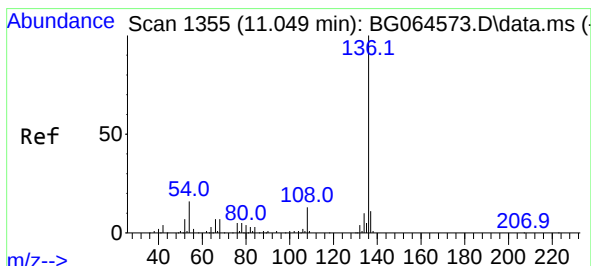
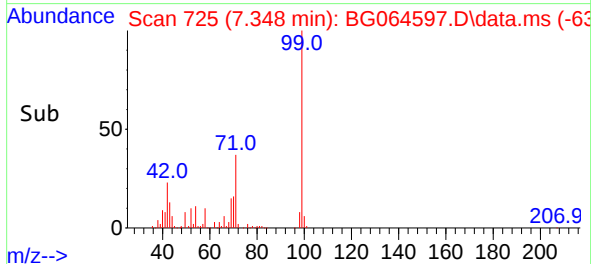
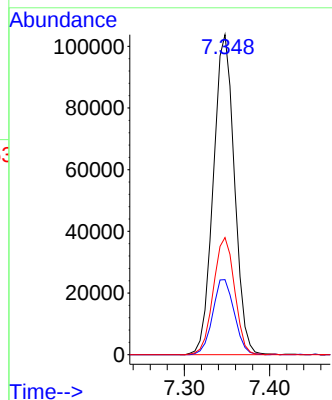
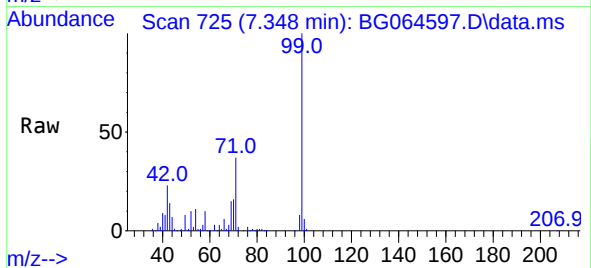




#7
Phenol-d6
Concen: 55.376 ng
RT: 7.348 min Scan# 71
Delta R.T. -0.009 min
Lab File: BG064597.D
Acq: 27 Oct 2025 21:31

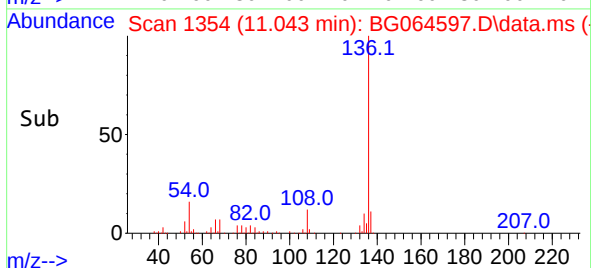
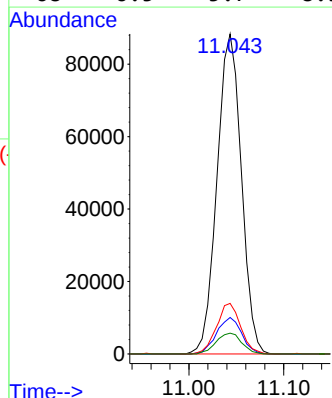
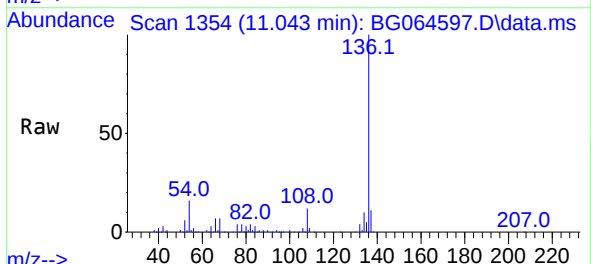
Instrument :
BNA_G
ClientSampleId :
PR132-S15-000008-20251021

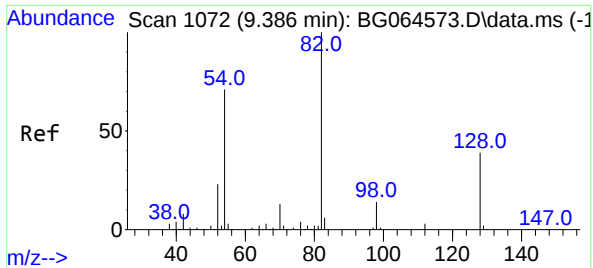
Tgt Ion: 99 Resp: 178383
Ion Ratio Lower Upper
99 100
42 23.5 18.3 27.5
71 36.6 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.043 min Scan# 1354
Delta R.T. -0.009 min
Lab File: BG064597.D
Acq: 27 Oct 2025 21:31

Tgt Ion:136 Resp: 157676
Ion Ratio Lower Upper
136 100
137 11.4 9.2 13.8
54 15.8 12.6 19.0
68 6.5 5.7 8.5

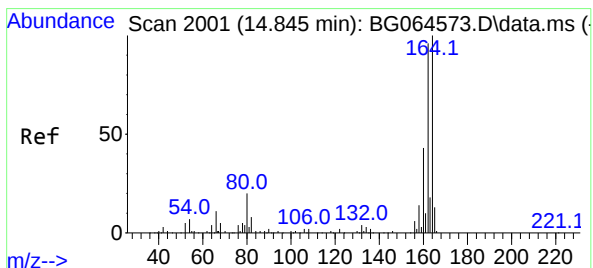
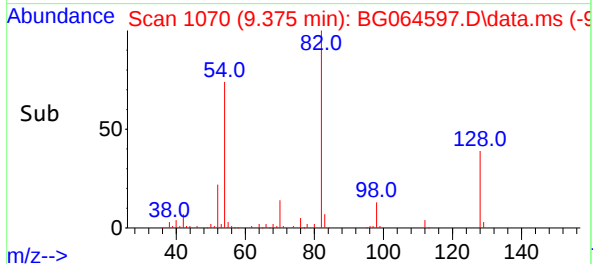
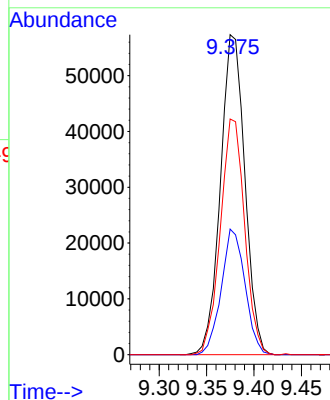
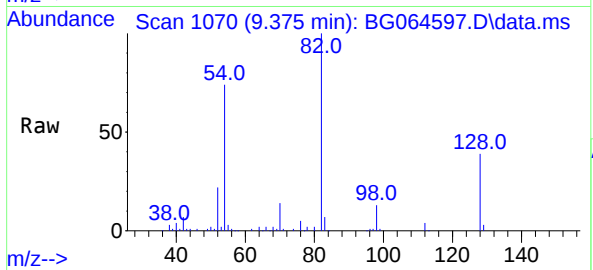




#23
Nitrobenzene-d5
Concen: 39.164 ng
RT: 9.375 min Scan# 1072
Delta R.T. -0.015 min
Lab File: BG064597.D
Acq: 27 Oct 2025 21:31

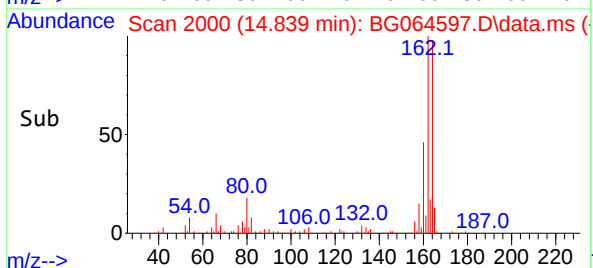
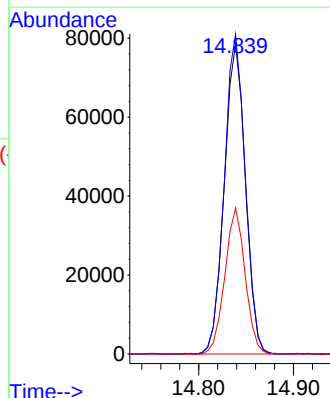
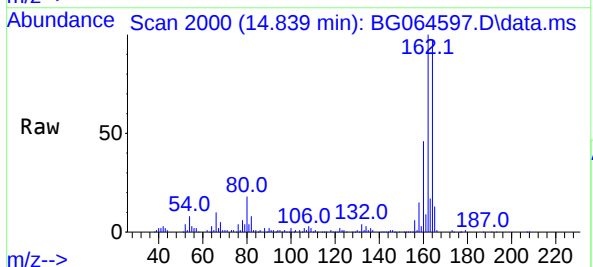
Instrument :
BNA_G
ClientSampleId :
PR132-S15-000008-20251021

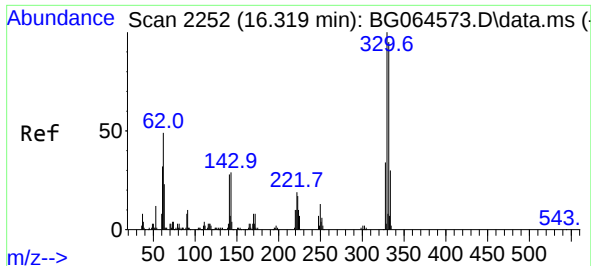
Tgt Ion: 82 Resp: 102813
Ion Ratio Lower Upper
82 100
128 39.2 31.3 46.9
54 73.7 56.6 84.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.839 min Scan# 2000
Delta R.T. -0.003 min
Lab File: BG064597.D
Acq: 27 Oct 2025 21:31

Tgt Ion:164 Resp: 121417
Ion Ratio Lower Upper
164 100
162 103.3 77.0 115.6
160 47.0 34.4 51.6

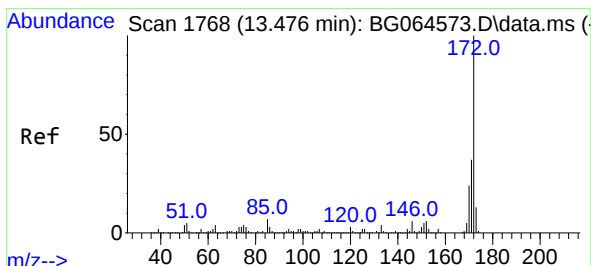
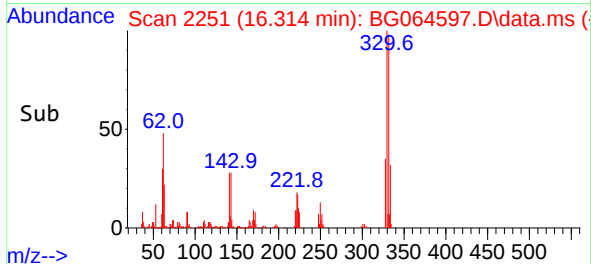
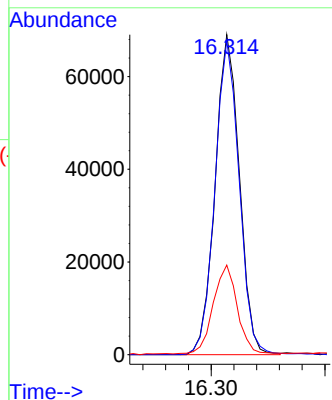
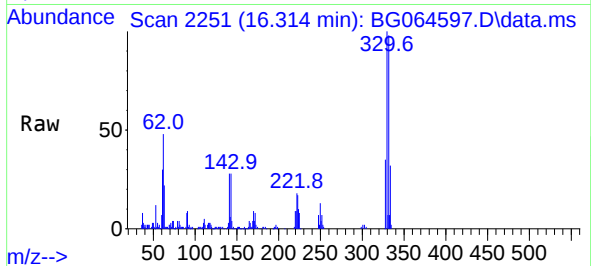




#42
2,4,6-Tribromophenol
Concen: 58.322 ng
RT: 16.314 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG064597.D
Acq: 27 Oct 2025 21:31

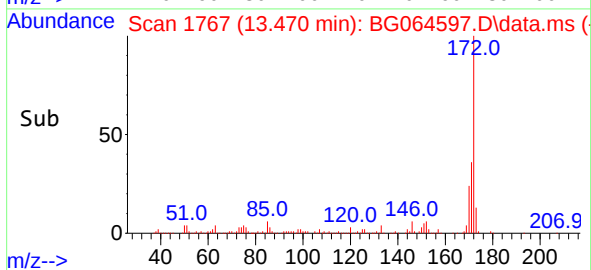
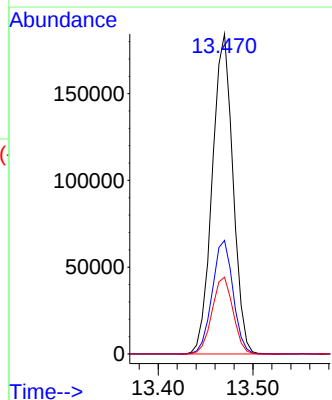
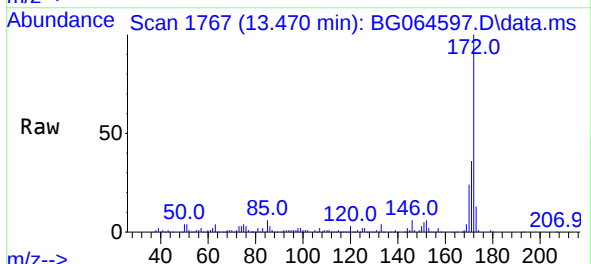
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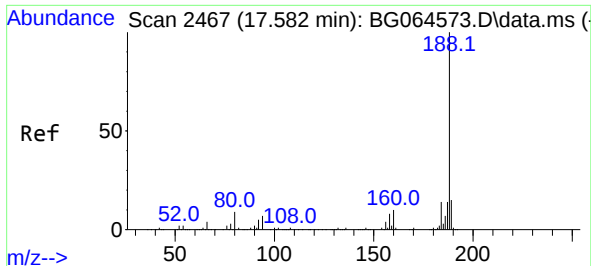
Tgt Ion:330 Resp: 102205
Ion Ratio Lower Upper
330 100
332 98.2 78.0 117.0
141 28.9 21.8 32.6



#45
2-Fluorobiphenyl
Concen: 34.817 ng
RT: 13.470 min Scan# 1767
Delta R.T. -0.009 min
Lab File: BG064597.D
Acq: 27 Oct 2025 21:31

Tgt Ion:172 Resp: 278900
Ion Ratio Lower Upper
172 100
171 35.5 29.4 44.0
170 24.0 19.1 28.7

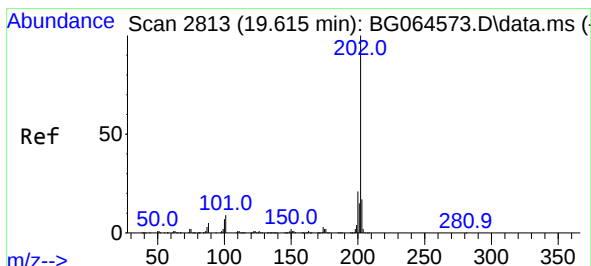
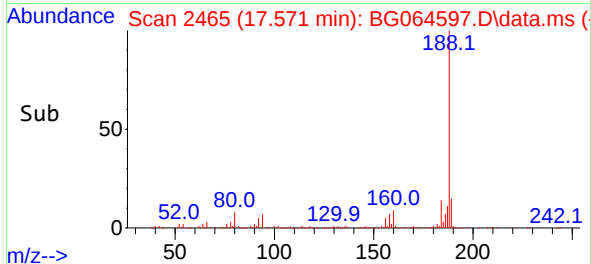
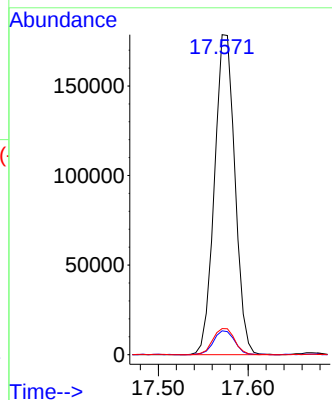
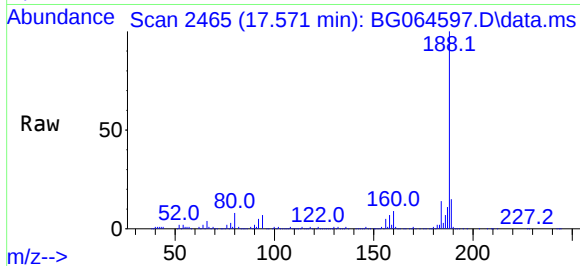




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.571 min Scan# 2465
Delta R.T. -0.009 min
Lab File: BG064597.D
Acq: 27 Oct 2025 21:31

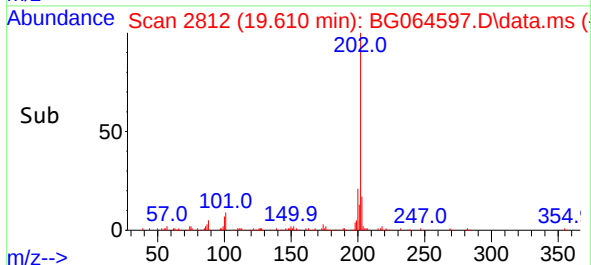
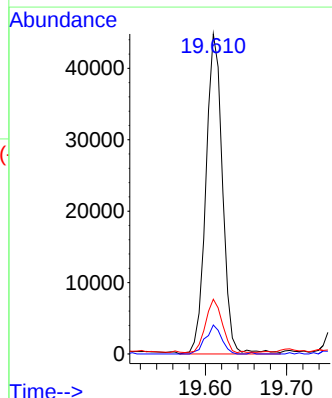
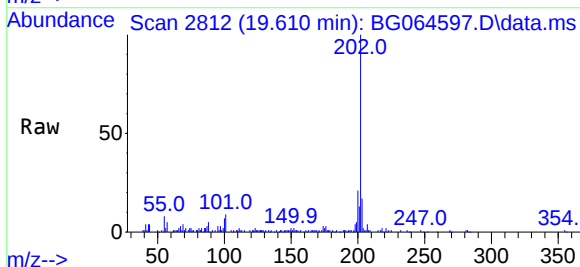
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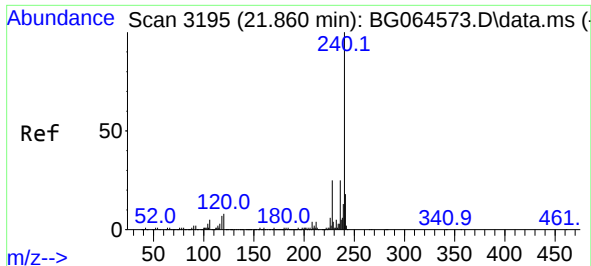
Tgt Ion:188 Resp: 282320
Ion Ratio Lower Upper
188 100
94 7.4 5.7 8.5
80 8.2 6.8 10.2



#75
Fluoranthene
Concen: 3.287 ng
RT: 19.610 min Scan# 2812
Delta R.T. -0.009 min
Lab File: BG064597.D
Acq: 27 Oct 2025 21:31

Tgt Ion:202 Resp: 63571
Ion Ratio Lower Upper
202 100
101 9.1 0.0 28.7
203 17.1 0.0 37.0

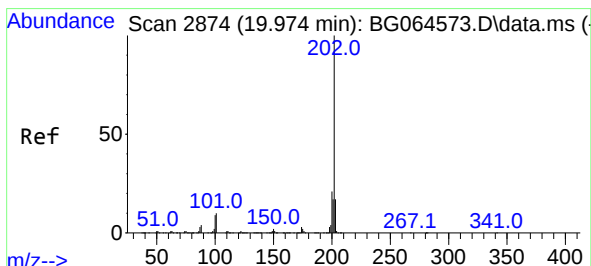
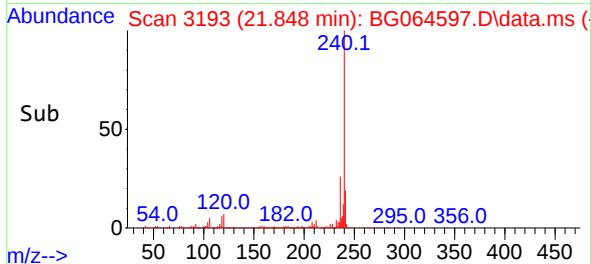
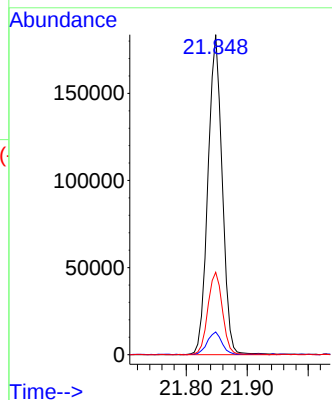
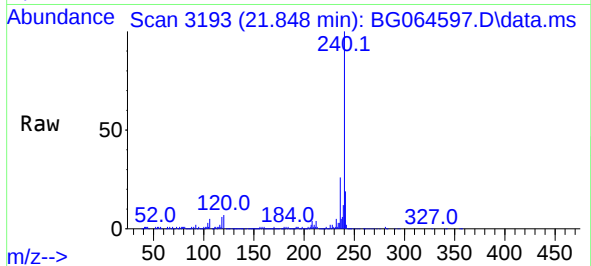




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.848 min Scan# 31
Delta R.T. -0.015 min
Lab File: BG064597.D
Acq: 27 Oct 2025 21:31

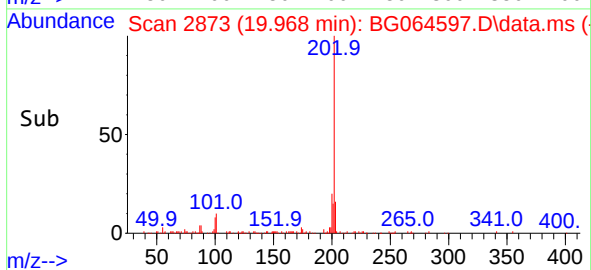
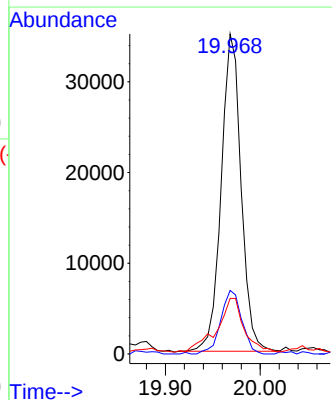
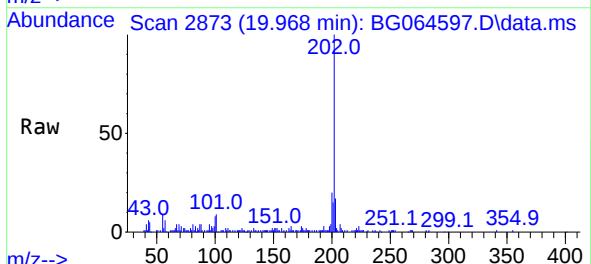
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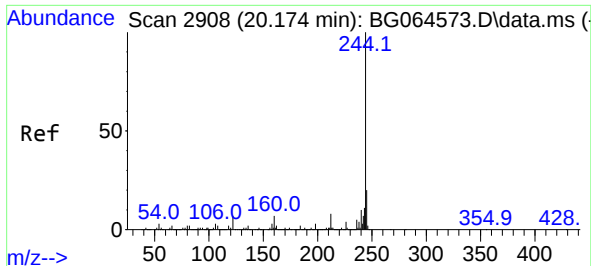
Tgt Ion:240 Resp: 298427
Ion Ratio Lower Upper
240 100
120 7.1 6.5 9.7
236 25.8 20.2 30.2



#78
Pyrene
Concen: 2.614 ng
RT: 19.968 min Scan# 2873
Delta R.T. -0.009 min
Lab File: BG064597.D
Acq: 27 Oct 2025 21:31

Tgt Ion:202 Resp: 50972
Ion Ratio Lower Upper
202 100
200 19.8 17.0 25.4
203 17.4 13.8 20.6

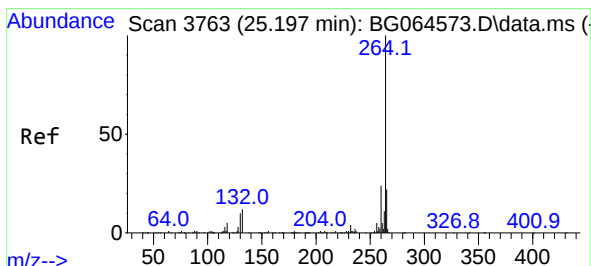
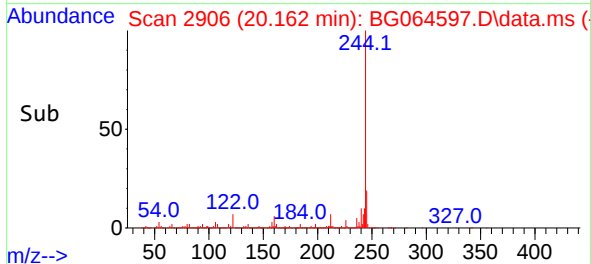
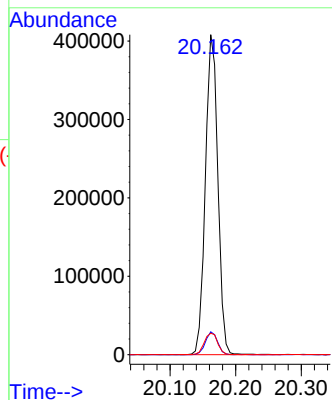
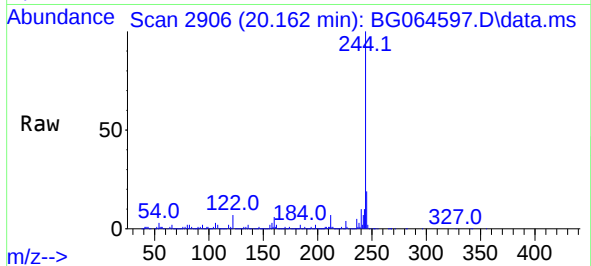




#79
 Terphenyl-d14
 Concen: 34.075 ng
 RT: 20.162 min Scan# 2906
 Delta R.T. -0.015 min
 Lab File: BG064597.D
 Acq: 27 Oct 2025 21:31

Instrument :
 BNA_G
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 PR132-S15-000008-20251021

Tgt Ion:244 Resp: 538843
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 6.7 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.186 min Scan# 3761
 Delta R.T. -0.015 min
 Lab File: BG064597.D
 Acq: 27 Oct 2025 21:31

Tgt Ion:264 Resp: 319820
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.4
 265 21.8 17.6 26.4

