

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
 Data File : BG064716.D
 Acq On : 7 Nov 2025 14:04
 Operator : RC/JU
 Sample : PB170394TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170394TB

Quant Time: Nov 07 14:42:43 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	8.200	152	28772	20.000	ng	-0.02
21) Naphthalene-d8	11.026	136	105180	20.000	ng	#-0.02
39) Acenaphthene-d10	14.822	164	88068	20.000	ng	-0.02
64) Phenanthrene-d10	17.560	188	216770	20.000	ng	#-0.02
76) Chrysene-d12	21.831	240	275233	20.000	ng	#-0.03
86) Perylene-d12	25.156	264	298098	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.738	112	263427	153.677	ng	-0.01
7) Phenol-d6	7.342	99	336453	143.039	ng	-0.01
23) Nitrobenzene-d5	9.363	82	219036	125.080	ng	-0.02
42) 2,4,6-Tribromophenol	16.302	330	256361	201.687	ng	-0.02
45) 2-Fluorobiphenyl	13.453	172	640913	110.308	ng	-0.02
79) Terphenyl-d14	20.151	244	1590982	109.088	ng	-0.02

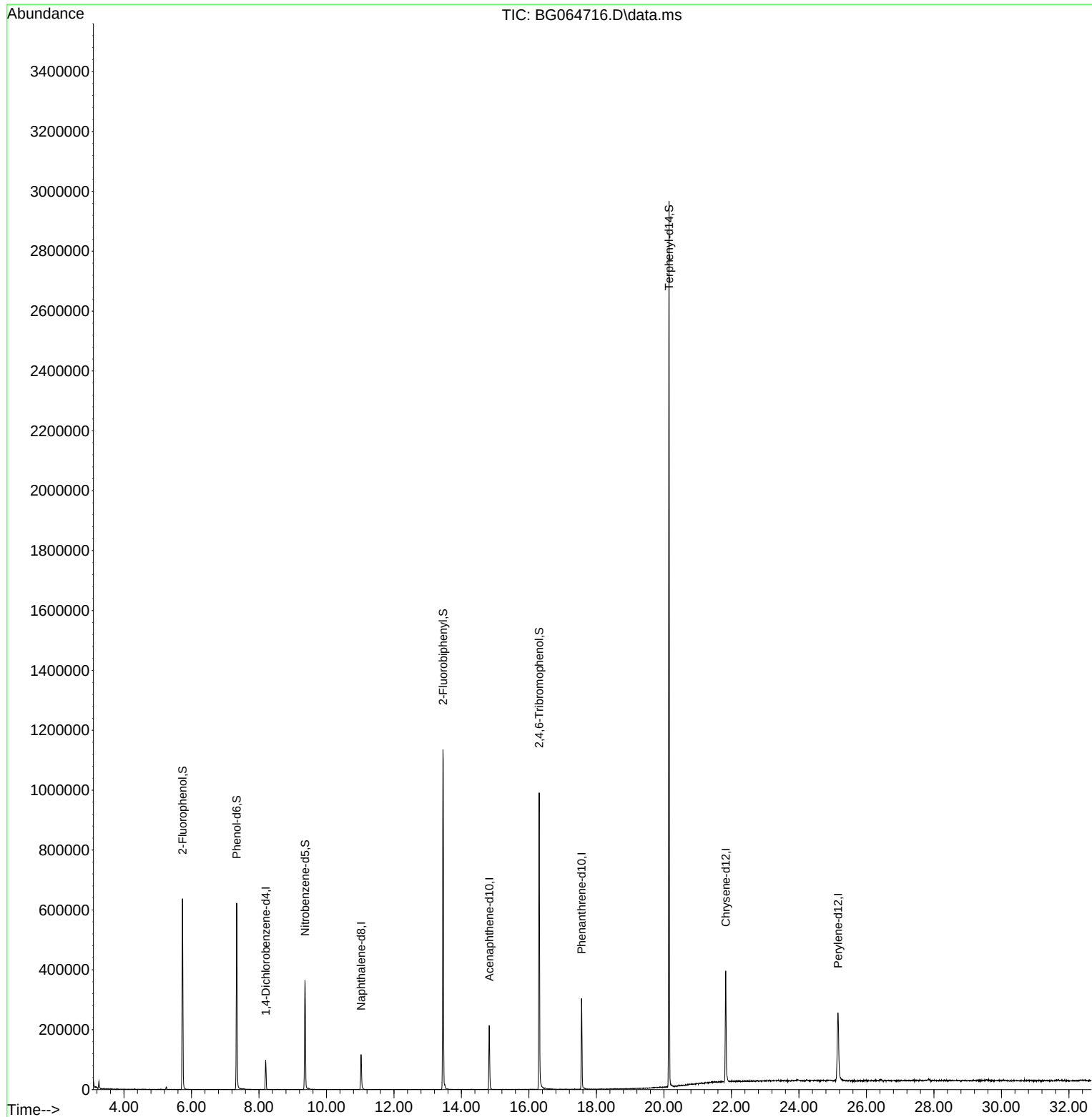
Target Compounds	Qvalue

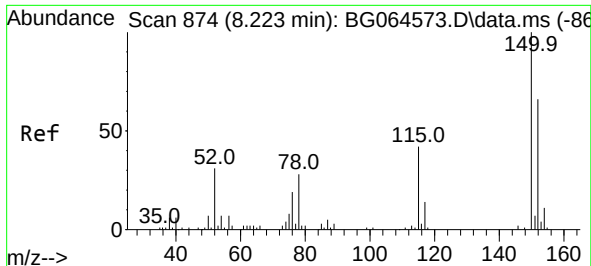
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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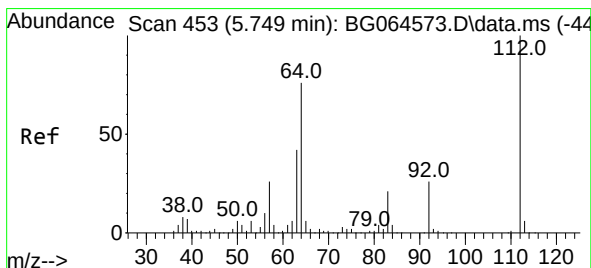
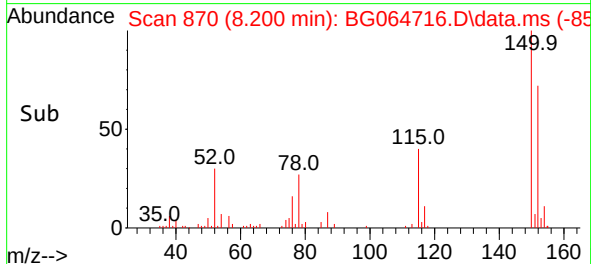
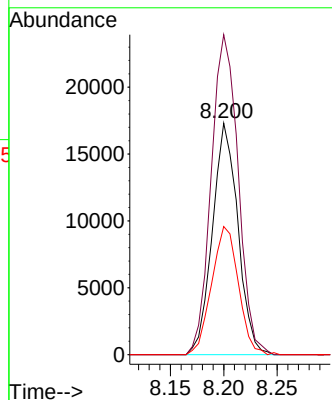
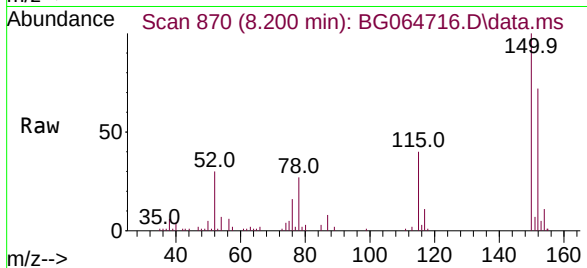




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.200 min Scan# 81
Delta R.T. -0.023 min
Lab File: BG064716.D
Acq: 7 Nov 2025 14:04

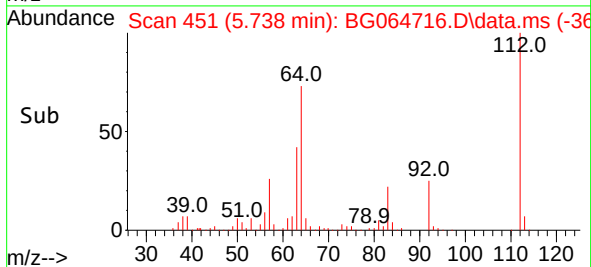
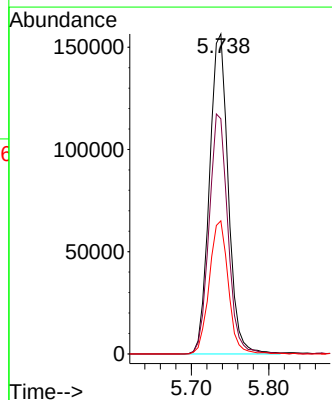
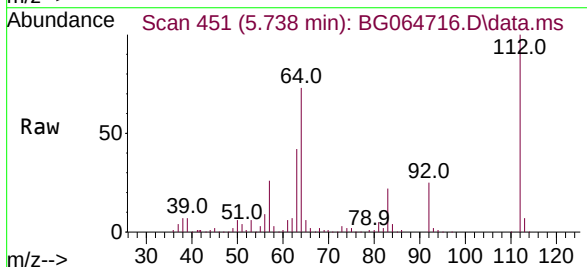
Instrument :
BNA_G
ClientSampleId :
PB170394TB

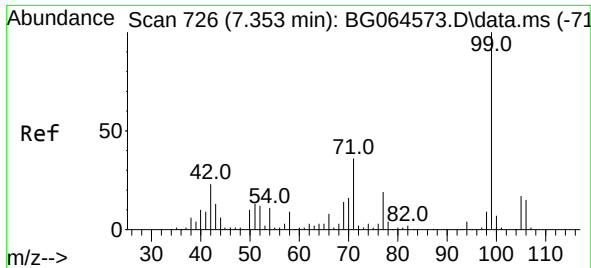
Tgt Ion:152 Resp: 28772
Ion Ratio Lower Upper
152 100
150 138.3 122.2 183.4
115 55.4 50.8 76.2



#5
2-Fluorophenol
Concen: 153.677 ng
RT: 5.738 min Scan# 451
Delta R.T. -0.011 min
Lab File: BG064716.D
Acq: 7 Nov 2025 14:04

Tgt Ion:112 Resp: 263427
Ion Ratio Lower Upper
112 100
64 73.5 60.7 91.1
63 41.6 33.4 50.0

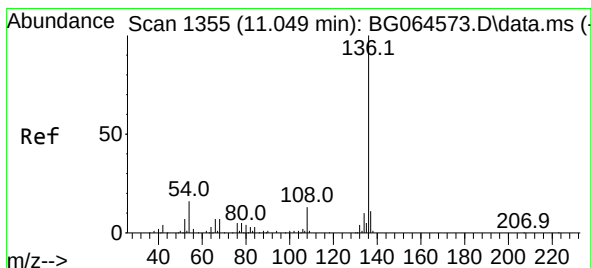
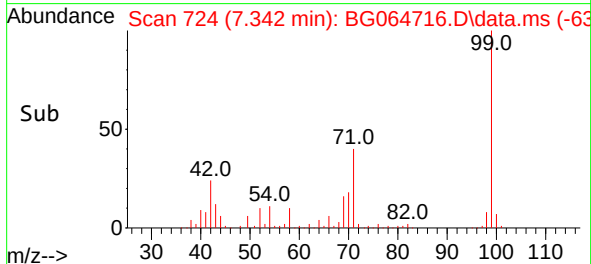
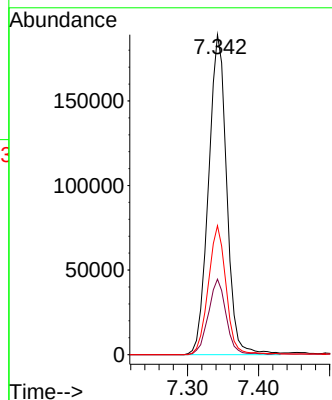
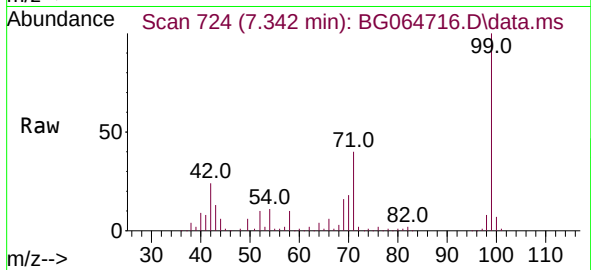




#7
Phenol-d6
Concen: 143.039 ng
RT: 7.342 min Scan# 71
Delta R.T. -0.011 min
Lab File: BG064716.D
Acq: 7 Nov 2025 14:04

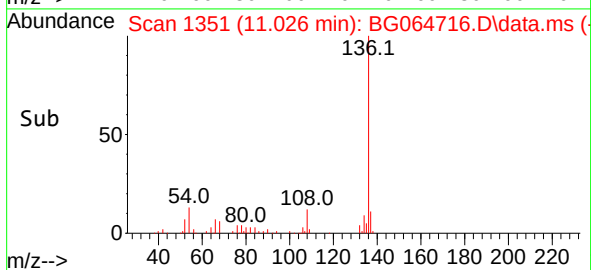
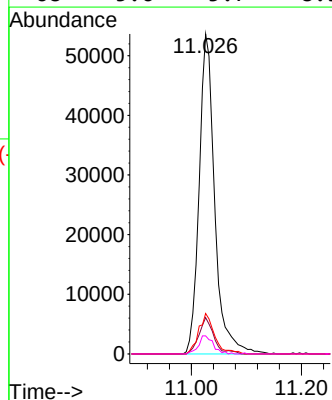
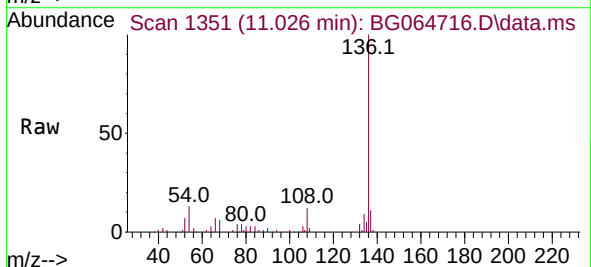
Instrument :
BNA_G
ClientSampleId :
PB170394TB

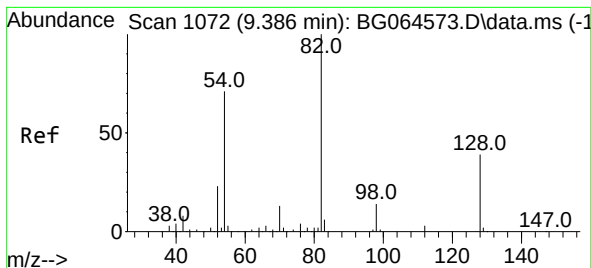
Tgt Ion: 99 Resp: 336453
Ion Ratio Lower Upper
99 100
42 23.6 18.3 27.5
71 40.3 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.026 min Scan# 1351
Delta R.T. -0.023 min
Lab File: BG064716.D
Acq: 7 Nov 2025 14:04

Tgt Ion:136 Resp: 105180
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 12.6 12.6 19.0#
68 5.6 5.7 8.5#





#23

Nitrobenzene-d5

Concen: 125.080 ng

RT: 9.363 min Scan# 10

Delta R.T. -0.023 min

Lab File: BG064716.D

Acq: 7 Nov 2025 14:04

Instrument :

BNA_G

ClientSampleId :

PB170394TB

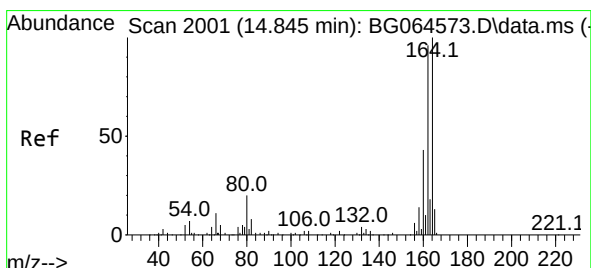
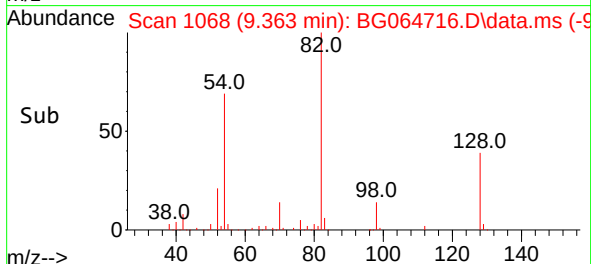
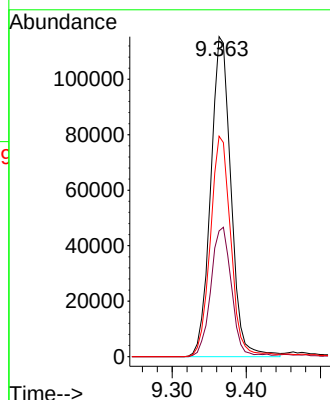
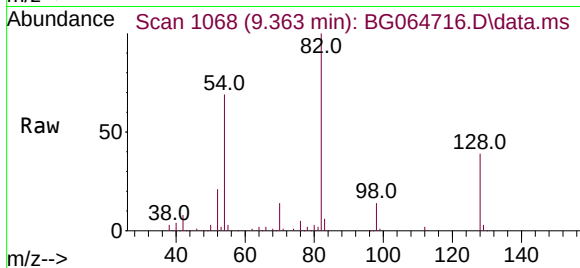
Tgt Ion: 82 Resp: 219036

Ion Ratio Lower Upper

82 100

128 39.3 31.3 46.9

54 68.9 56.6 84.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.822 min Scan# 1997

Delta R.T. -0.023 min

Lab File: BG064716.D

Acq: 7 Nov 2025 14:04

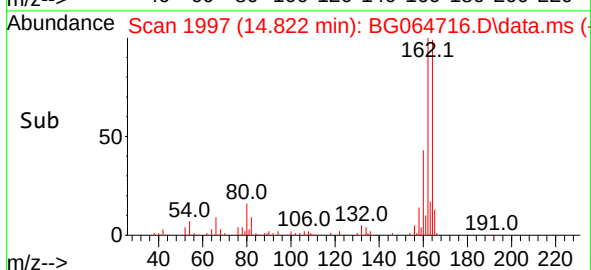
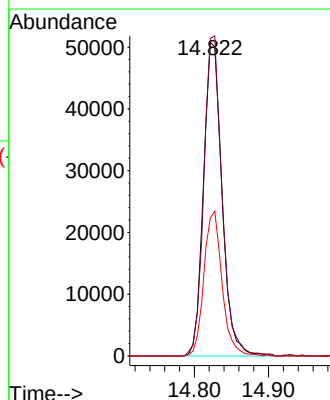
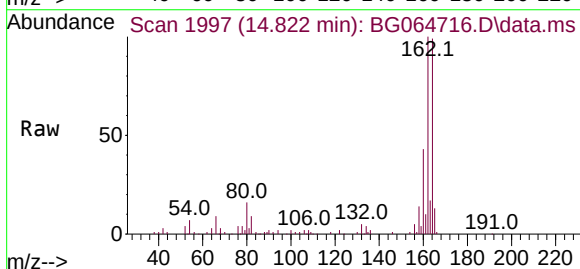
Tgt Ion: 164 Resp: 88068

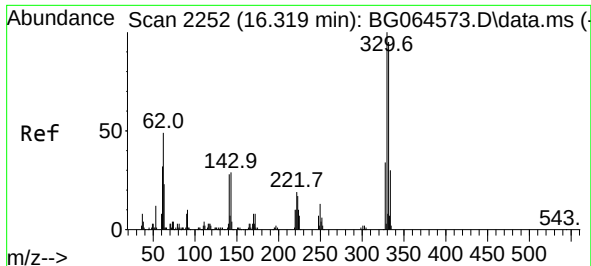
Ion Ratio Lower Upper

164 100

162 101.2 77.0 115.6

160 43.9 34.4 51.6

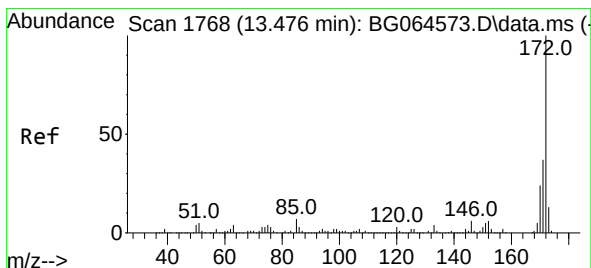
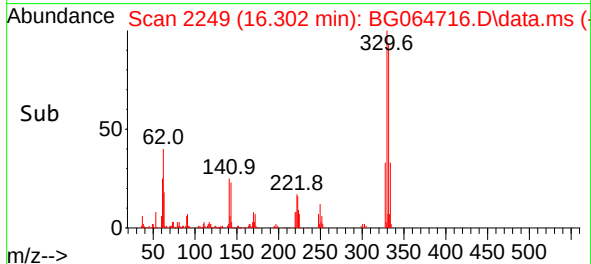
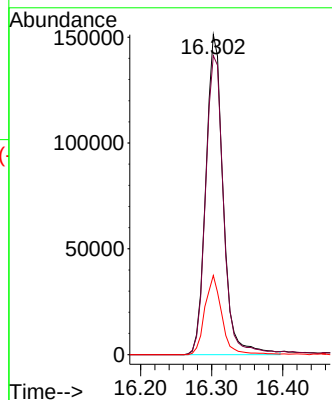
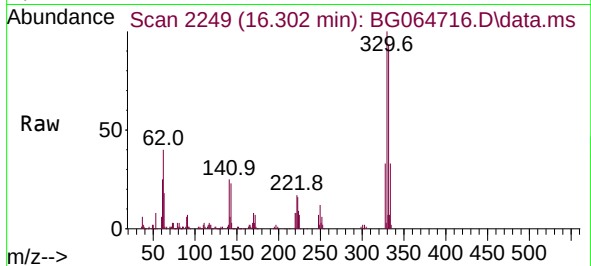




#42
2,4,6-Tribromophenol
Concen: 201.687 ng
RT: 16.302 min Scan# 21
Delta R.T. -0.017 min
Lab File: BG064716.D
Acq: 7 Nov 2025 14:04

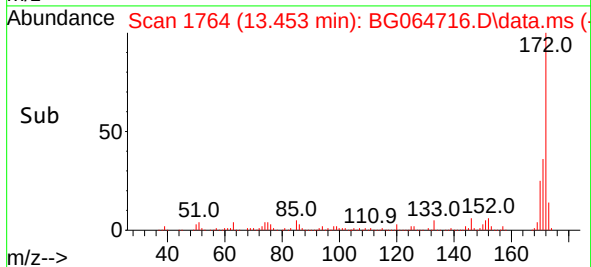
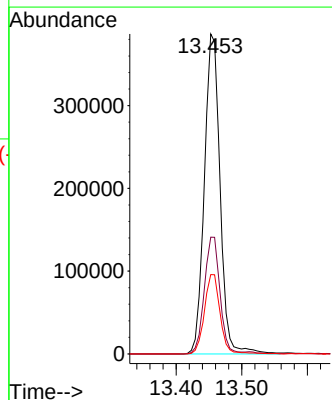
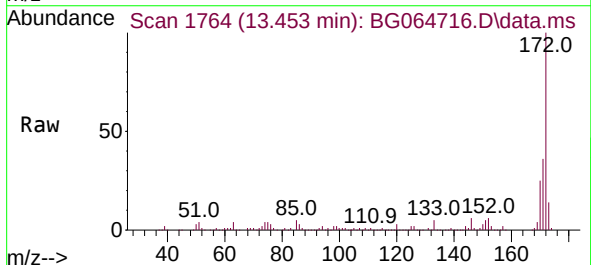
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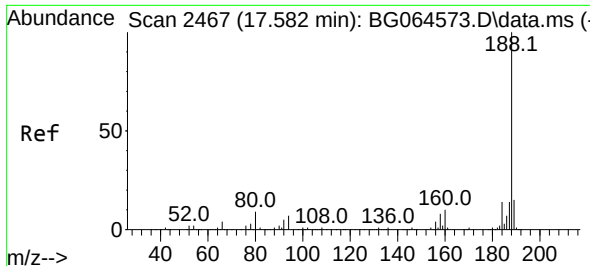
Tgt Ion:330 Resp: 256361
Ion Ratio Lower Upper
330 100
332 97.7 78.0 117.0
141 24.2 21.8 32.6



#45
2-Fluorobiphenyl
Concen: 110.308 ng
RT: 13.453 min Scan# 1764
Delta R.T. -0.023 min
Lab File: BG064716.D
Acq: 7 Nov 2025 14:04

Tgt Ion:172 Resp: 640913
Ion Ratio Lower Upper
172 100
171 36.5 29.4 44.0
170 24.8 19.1 28.7

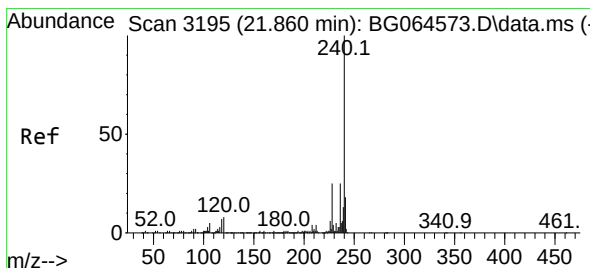
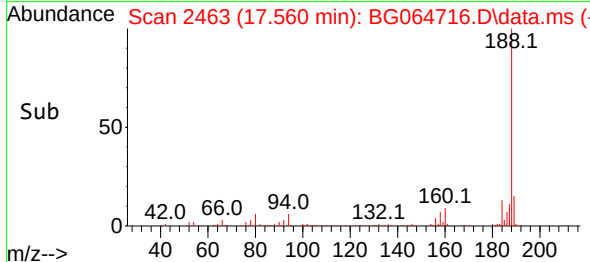
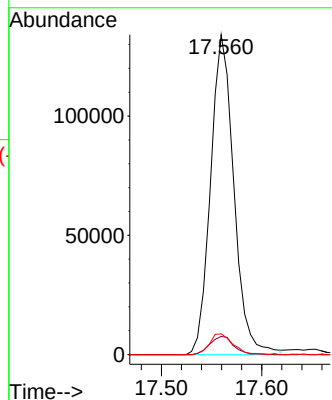
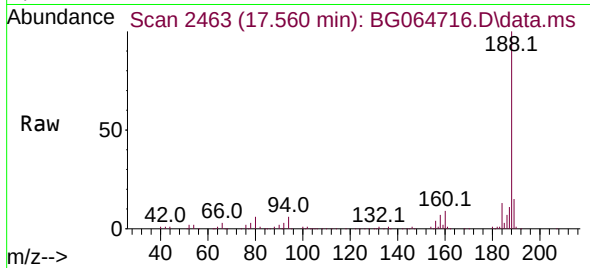




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.560 min Scan# 2463
Delta R.T. -0.023 min
Lab File: BG064716.D
Acq: 7 Nov 2025 14:04

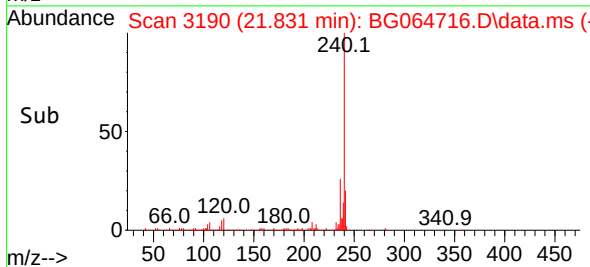
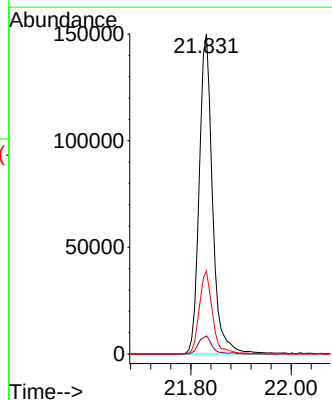
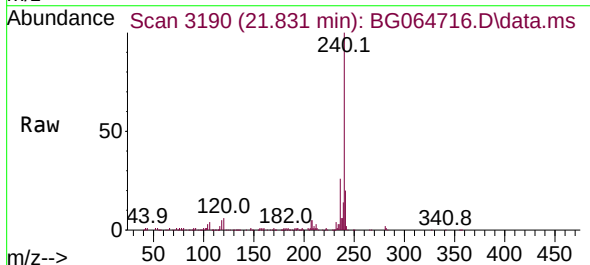
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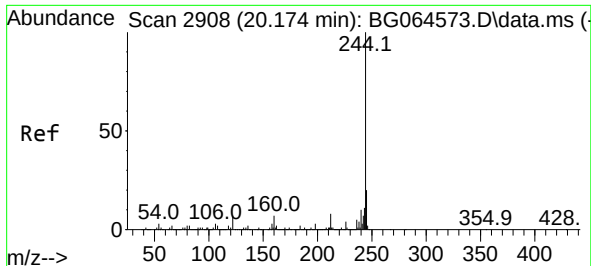
Tgt Ion:188 Resp: 216770
Ion Ratio Lower Upper
188 100
94 5.7 5.7 8.5
80 6.5 6.8 10.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.831 min Scan# 3190
Delta R.T. -0.029 min
Lab File: BG064716.D
Acq: 7 Nov 2025 14:04

Tgt Ion:240 Resp: 275233
Ion Ratio Lower Upper
240 100
120 5.6 6.5 9.7#
236 25.9 20.2 30.2

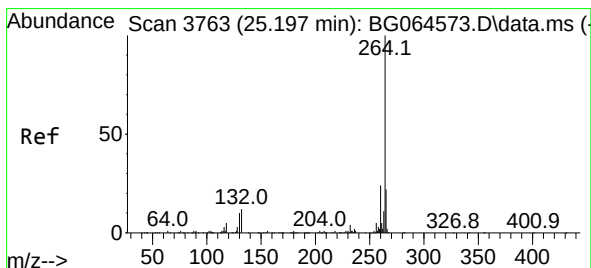
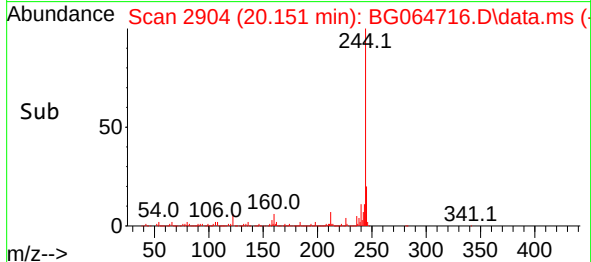
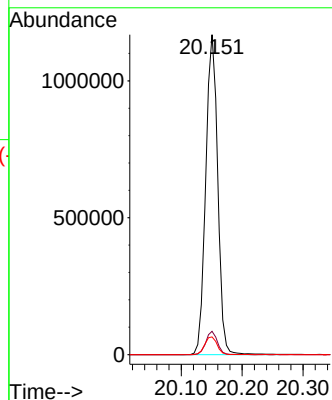
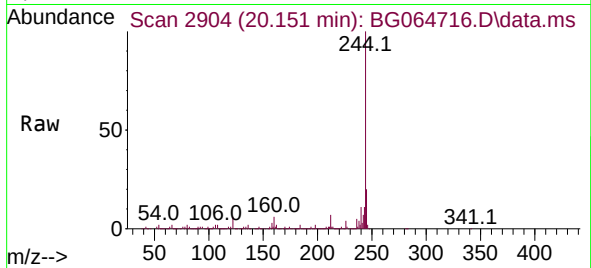




#79
 Terphenyl-d14
 Concen: 109.088 ng
 RT: 20.151 min Scan# 2904
 Delta R.T. -0.023 min
 Lab File: BG064716.D
 Acq: 7 Nov 2025 14:04

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:244 Resp: 1590982
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 5.5 5.6 8.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.156 min Scan# 3756
 Delta R.T. -0.041 min
 Lab File: BG064716.D
 Acq: 7 Nov 2025 14:04

Tgt Ion:264 Resp: 298098
 Ion Ratio Lower Upper
 264 100
 260 22.0 19.0 28.4
 265 21.8 17.6 26.4

