

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
 Data File : BG064659.D
 Acq On : 31 Oct 2025 16:54
 Operator : RC/JU
 Sample : Q3496-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DRILL-CUTTINGS

Quant Time: Oct 31 17:29:51 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	8.220	152	40153	20.000	ng	0.00
21) Naphthalene-d8	11.046	136	167761	20.000	ng	0.00
39) Acenaphthene-d10	14.842	164	129339	20.000	ng	0.00
64) Phenanthrene-d10	17.580	188	287213	20.000	ng	0.00
76) Chrysene-d12	21.851	240	311516	20.000	ng	-0.01
86) Perylene-d12	25.195	264	341443	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.753	112	114943	48.049	ng	0.00
7) Phenol-d6	7.351	99	169505	51.637	ng	0.00
23) Nitrobenzene-d5	9.384	82	103002	36.877	ng	0.00
42) 2,4,6-Tribromophenol	16.317	330	93994	50.352	ng	0.00
45) 2-Fluorobiphenyl	13.467	172	245463	28.766	ng	-0.01
79) Terphenyl-d14	20.165	244	534517	32.381	ng	-0.01

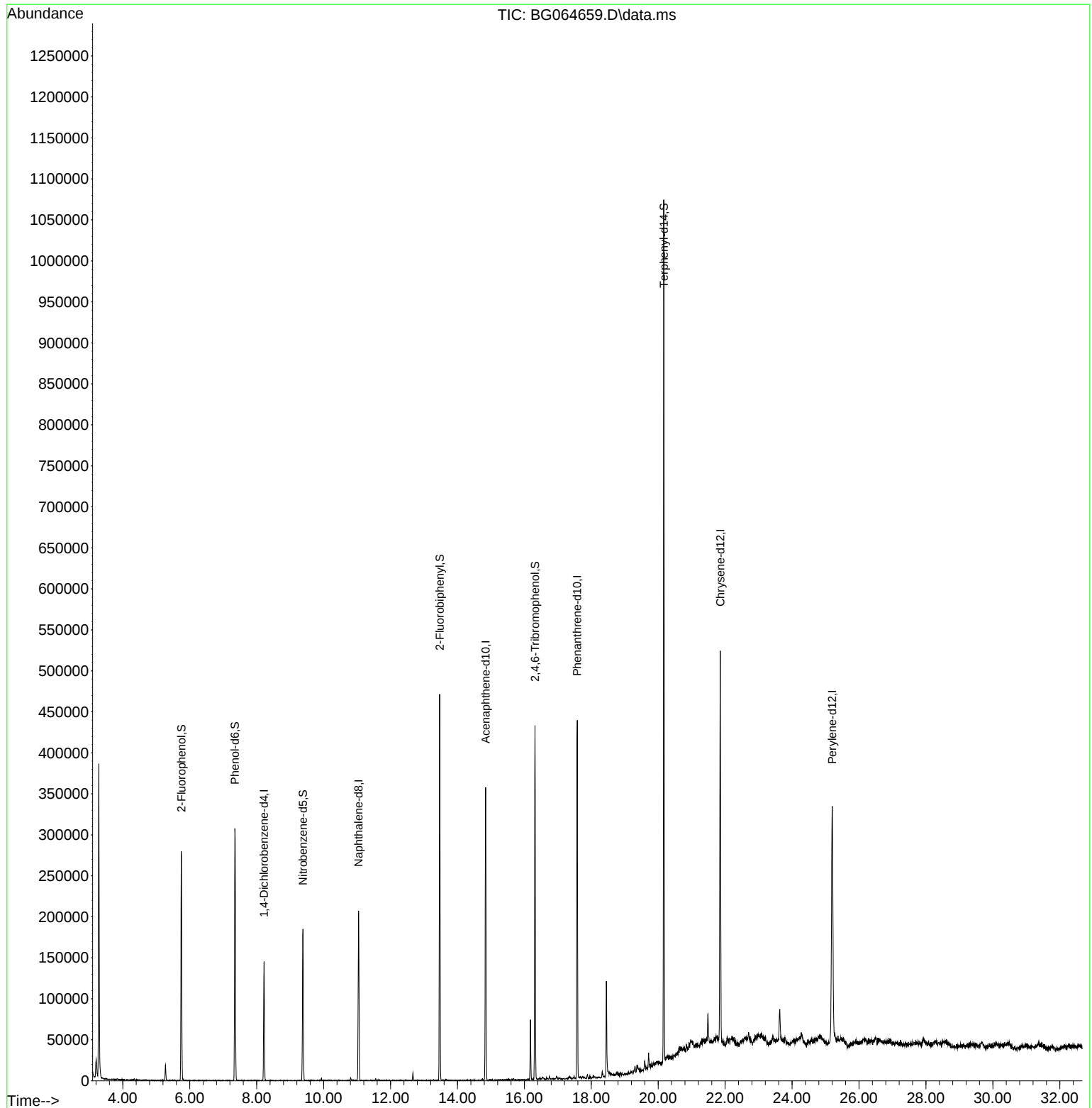
Target Compounds	Qvalue

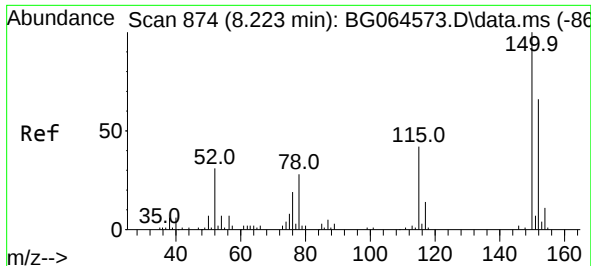
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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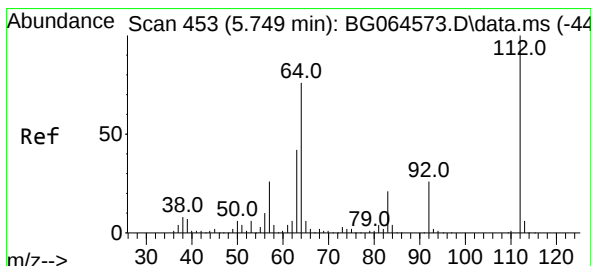
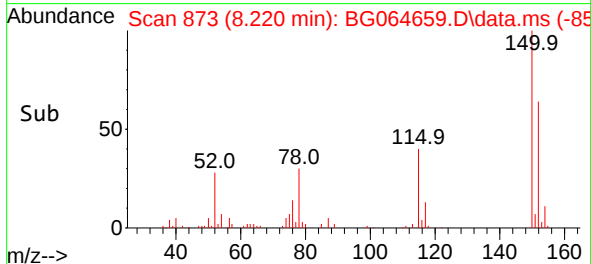
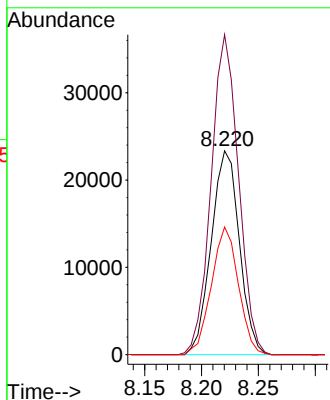
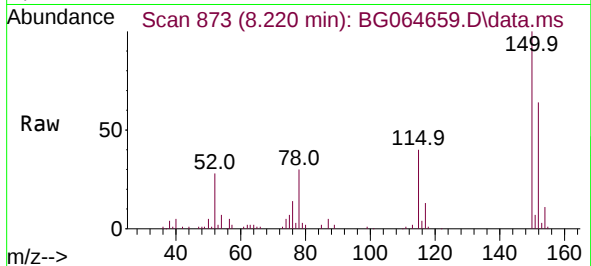




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.220 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG064659.D
Acq: 31 Oct 2025 16:54

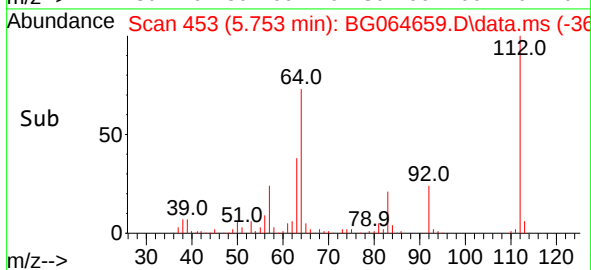
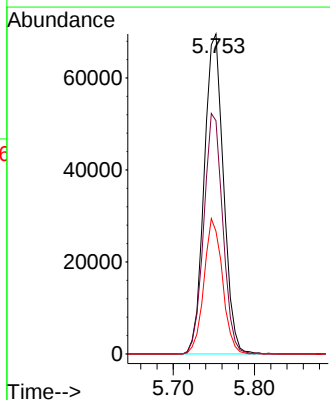
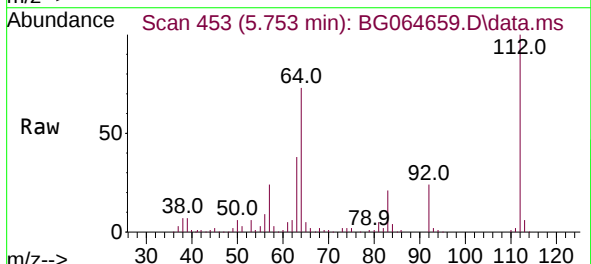
Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGS

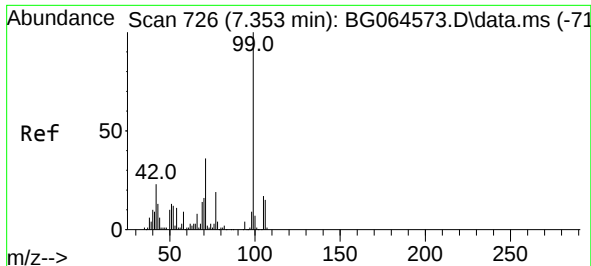
Tgt Ion:152 Resp: 40153
Ion Ratio Lower Upper
152 100
150 157.1 122.2 183.4
115 62.6 50.8 76.2



#5
2-Fluorophenol
Concen: 48.049 ng
RT: 5.753 min Scan# 453
Delta R.T. 0.006 min
Lab File: BG064659.D
Acq: 31 Oct 2025 16:54

Tgt Ion:112 Resp: 114943
Ion Ratio Lower Upper
112 100
64 72.9 60.7 91.1
63 38.3 33.4 50.0

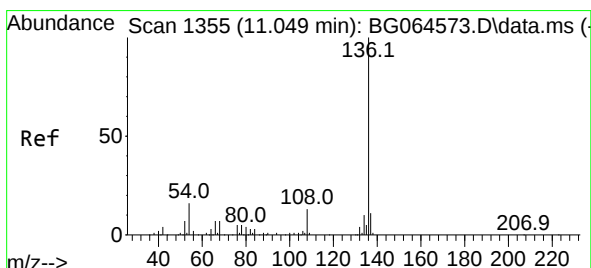
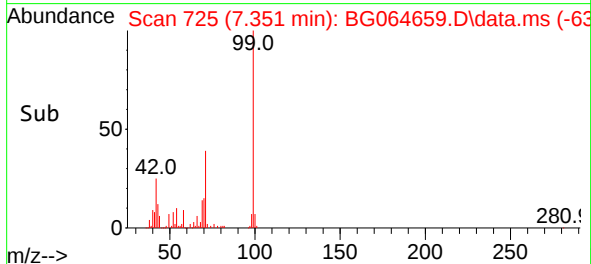
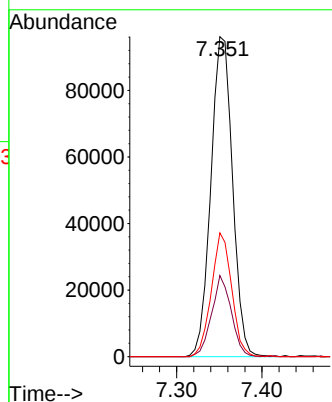
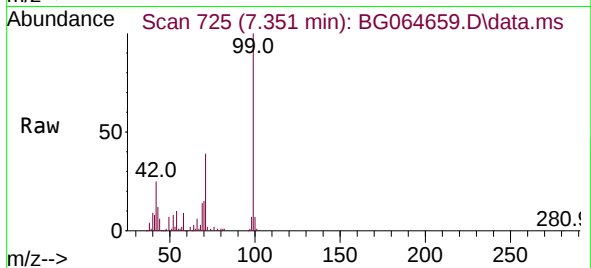




#7
Phenol-d6
Concen: 51.637 ng
RT: 7.351 min Scan# 71
Delta R.T. -0.006 min
Lab File: BG064659.D
Acq: 31 Oct 2025 16:54

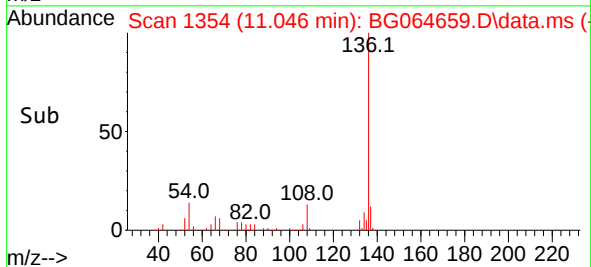
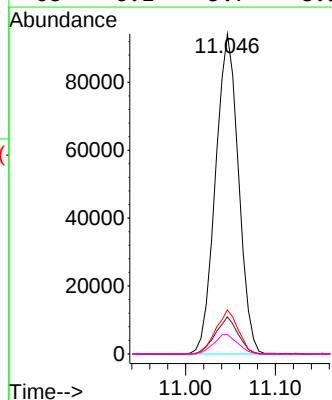
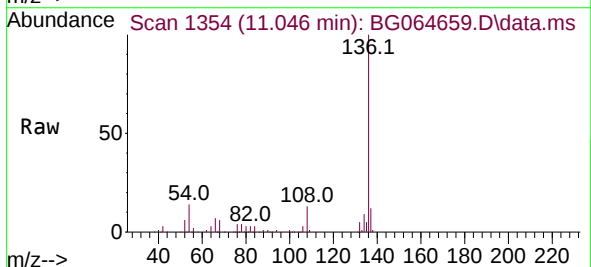
Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGS

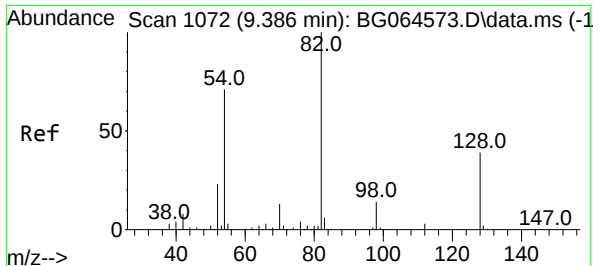
Tgt Ion: 99 Resp: 169505
Ion Ratio Lower Upper
99 100
42 25.3 18.3 27.5
71 38.7 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.046 min Scan# 1354
Delta R.T. -0.006 min
Lab File: BG064659.D
Acq: 31 Oct 2025 16:54

Tgt Ion:136 Resp: 167761
Ion Ratio Lower Upper
136 100
137 11.6 9.2 13.8
54 13.7 12.6 19.0
68 6.1 5.7 8.5





#23

Nitrobenzene-d5

Concen: 36.877 ng

RT: 9.384 min Scan# 10

Delta R.T. -0.006 min

Lab File: BG064659.D

Acq: 31 Oct 2025 16:54

Instrument :

BNA_G

ClientSampleId :

DRILL-CUTTINGS

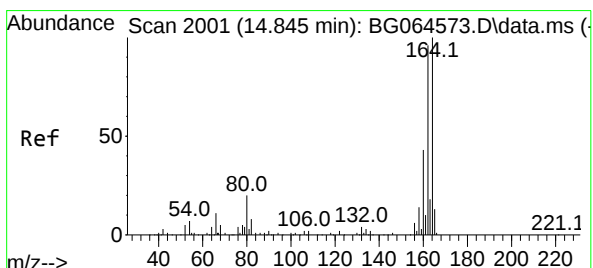
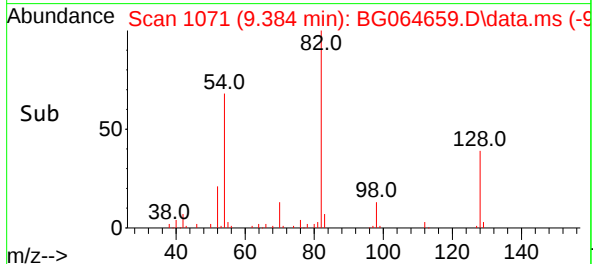
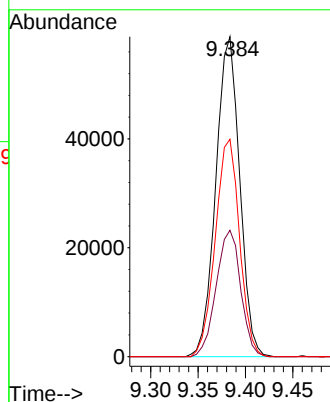
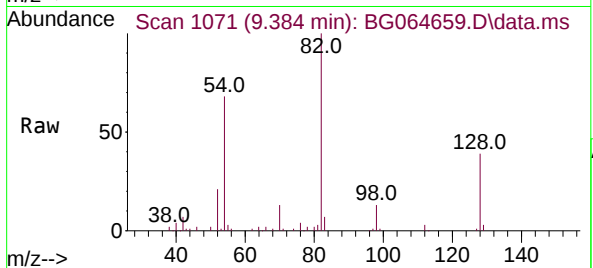
Tgt Ion: 82 Resp: 103002

Ion Ratio Lower Upper

82 100

128 39.5 31.3 46.9

54 67.9 56.6 84.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.842 min Scan# 2000

Delta R.T. -0.000 min

Lab File: BG064659.D

Acq: 31 Oct 2025 16:54

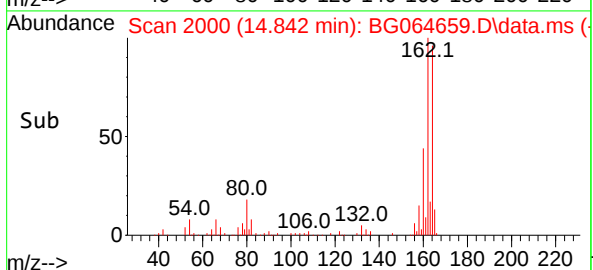
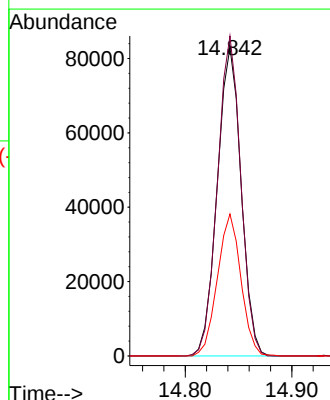
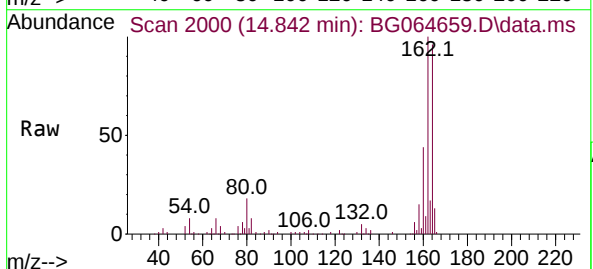
Tgt Ion:164 Resp: 129339

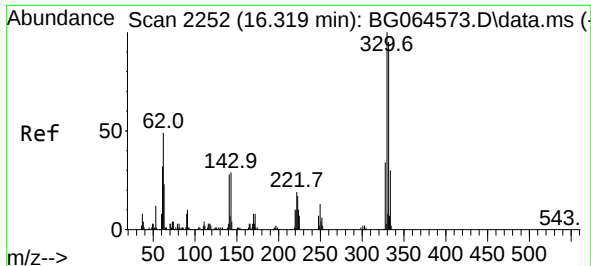
Ion Ratio Lower Upper

164 100

162 103.7 77.0 115.6

160 46.0 34.4 51.6

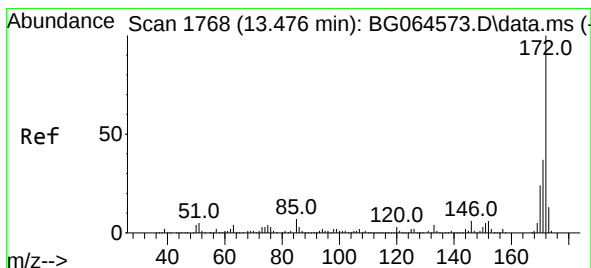
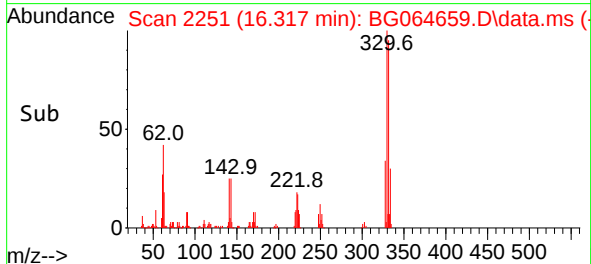
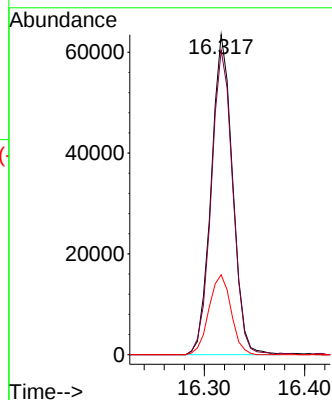
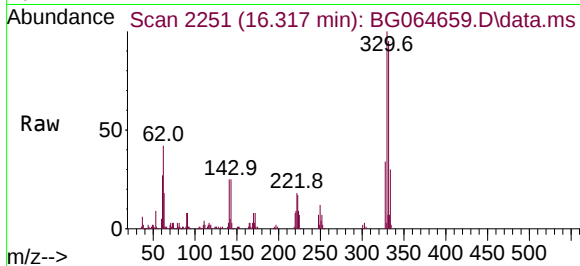




#42
2,4,6-Tribromophenol
Concen: 50.352 ng
RT: 16.317 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064659.D
Acq: 31 Oct 2025 16:54

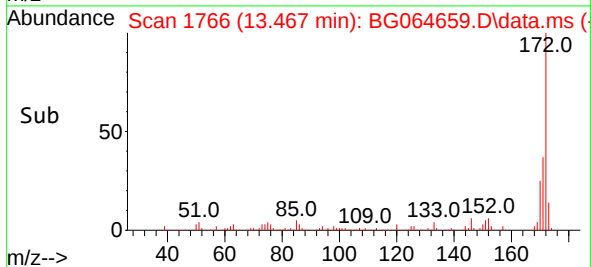
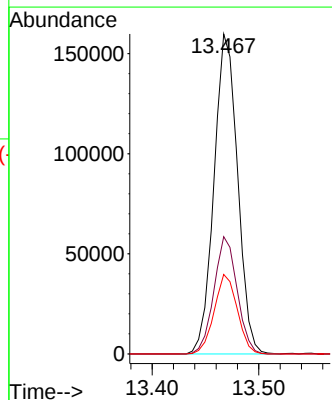
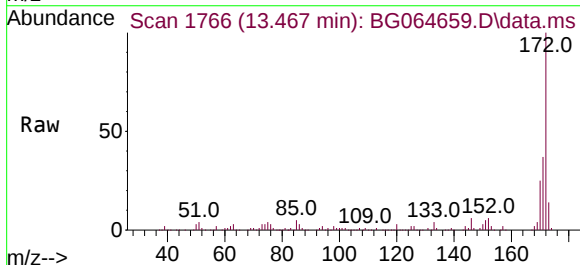
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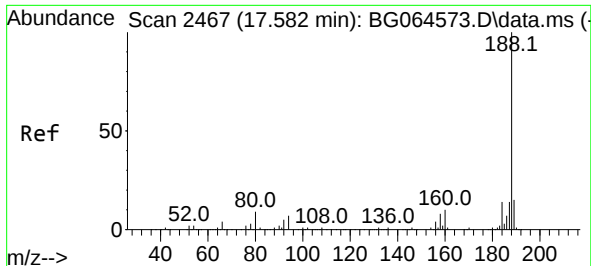
Tgt Ion:330 Resp: 93994
Ion Ratio Lower Upper
330 100
332 95.5 78.0 117.0
141 25.8 21.8 32.6



#45
2-Fluorobiphenyl
Concen: 28.766 ng
RT: 13.467 min Scan# 1766
Delta R.T. -0.012 min
Lab File: BG064659.D
Acq: 31 Oct 2025 16:54

Tgt Ion:172 Resp: 245463
Ion Ratio Lower Upper
172 100
171 36.6 29.4 44.0
170 24.8 19.1 28.7

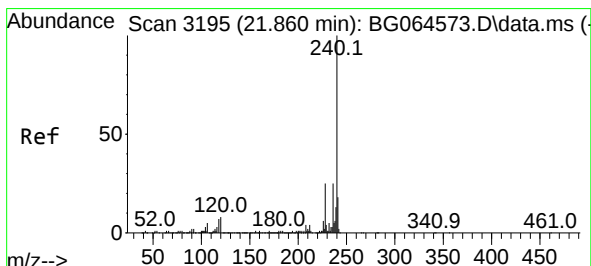
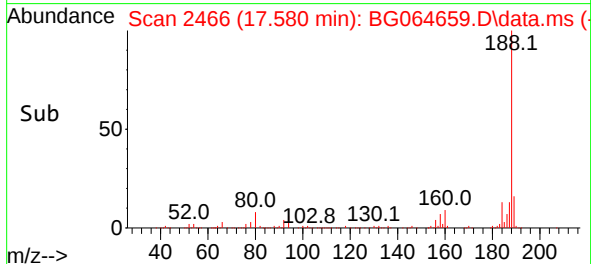
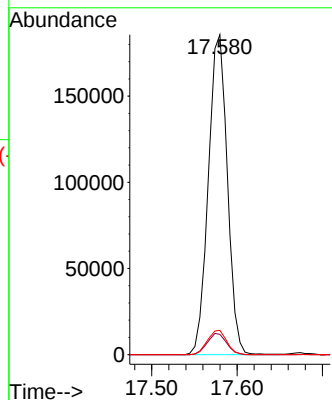
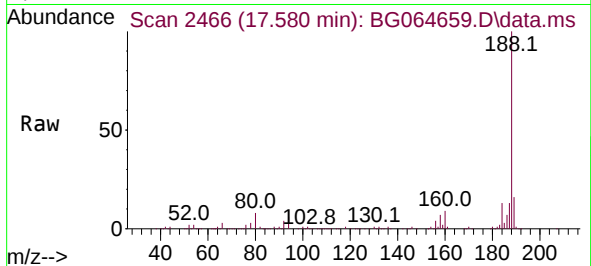




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.580 min Scan# 2467
Delta R.T. -0.000 min
Lab File: BG064659.D
Acq: 31 Oct 2025 16:54

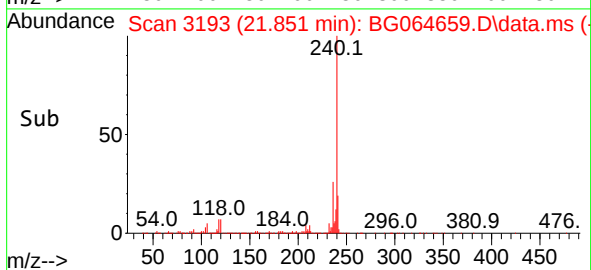
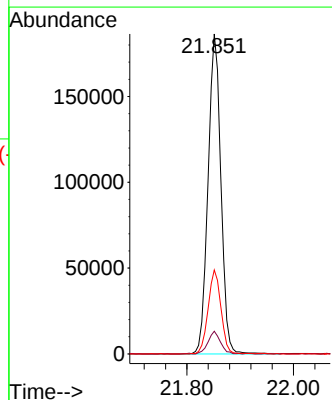
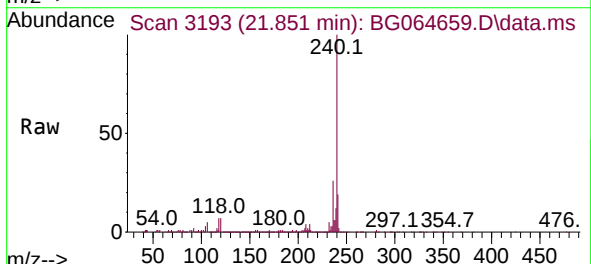
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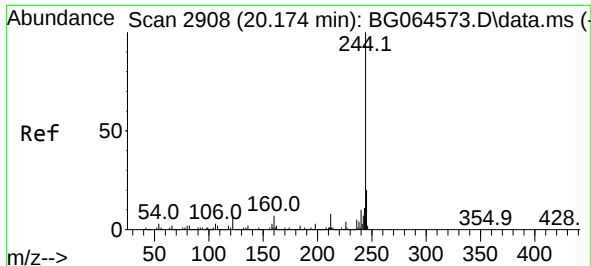
Tgt Ion:188 Resp: 287213
Ion Ratio Lower Upper
188 100
94 6.3 5.7 8.5
80 7.6 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.851 min Scan# 3193
Delta R.T. -0.012 min
Lab File: BG064659.D
Acq: 31 Oct 2025 16:54

Tgt Ion:240 Resp: 311516
Ion Ratio Lower Upper
240 100
120 7.1 6.5 9.7
236 26.2 20.2 30.2

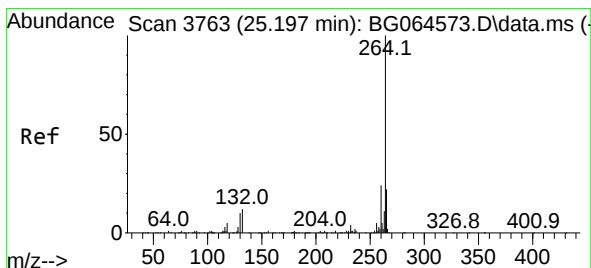
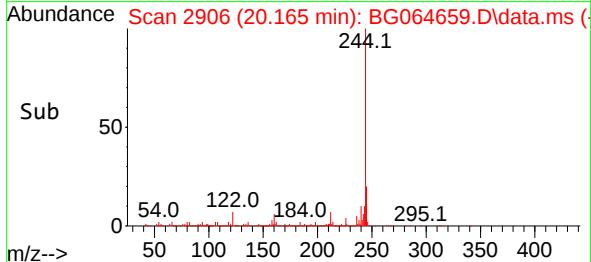
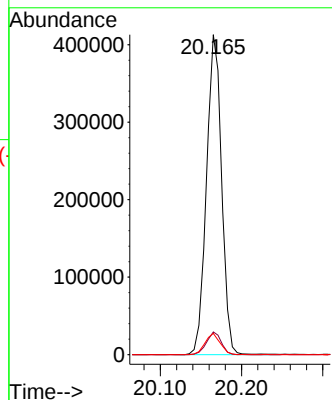
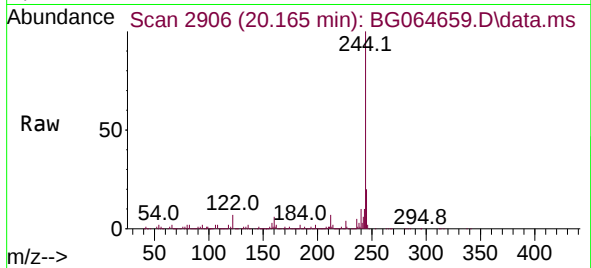




#79
 Terphenyl-d14
 Concen: 32.381 ng
 RT: 20.165 min Scan# 2908
 Delta R.T. -0.012 min
 Lab File: BG064659.D
 Acq: 31 Oct 2025 16:54

Instrument :
 BNA_G
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Tgt Ion:244 Resp: 534517
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 6.6 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.195 min Scan# 3762
 Delta R.T. -0.006 min
 Lab File: BG064659.D
 Acq: 31 Oct 2025 16:54

Tgt Ion:264 Resp: 341443
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.0 28.4
 265 20.2 17.6 26.4

