

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102925\
 Data File : BG064631.D
 Acq On : 29 Oct 2025 20:18
 Operator : RC/JU
 Sample : Q3468-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-10

Quant Time: Oct 30 04:59:13 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	27605	20.000	ng	0.00
21) Naphthalene-d8	11.043	136	111146	20.000	ng	0.00
39) Acenaphthene-d10	14.839	164	81763	20.000	ng	# 0.00
64) Phenanthrene-d10	17.577	188	192626	20.000	ng	0.00
76) Chrysene-d12	21.848	240	251896	20.000	ng	#-0.02
86) Perylene-d12	25.185	264	278585	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	128855	78.349	ng	0.00
7) Phenol-d6	7.348	99	110097	48.785	ng	0.00
23) Nitrobenzene-d5	9.380	82	244576	132.167	ng	0.00
42) 2,4,6-Tribromophenol	16.319	330	229163	194.192	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	592894	109.912	ng	0.00
79) Terphenyl-d14	20.168	244	1386807	103.897	ng	0.00

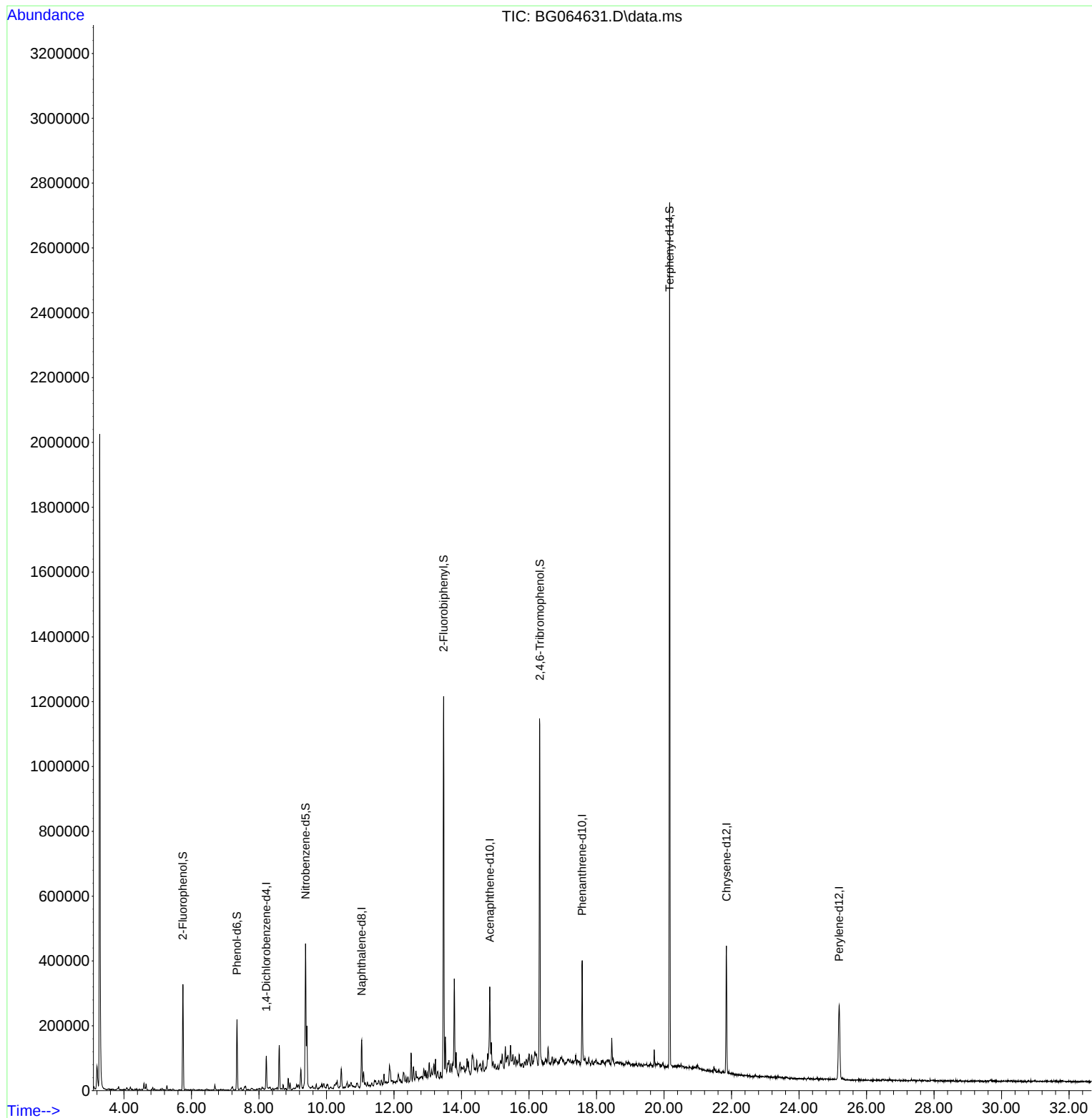
Target Compounds	Qvalue

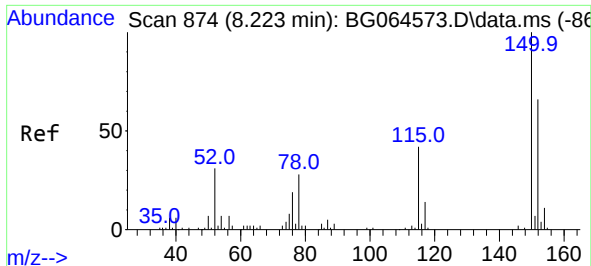
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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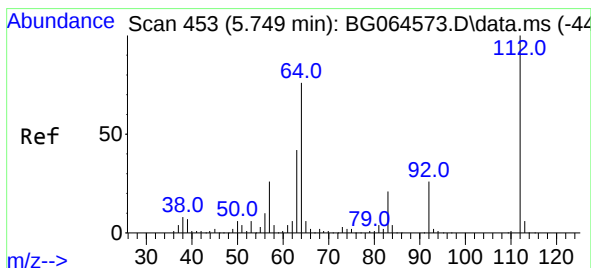
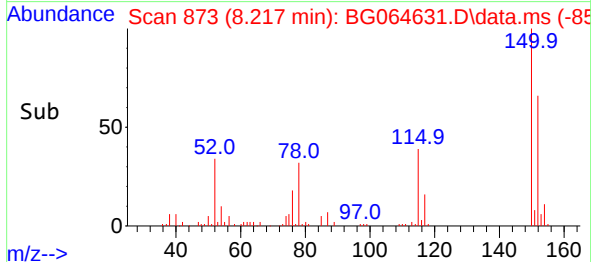
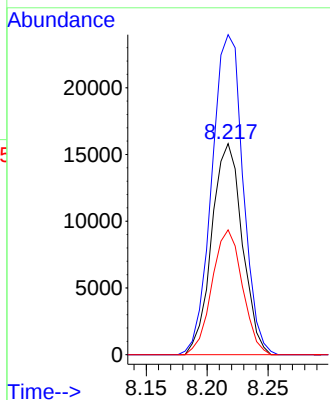
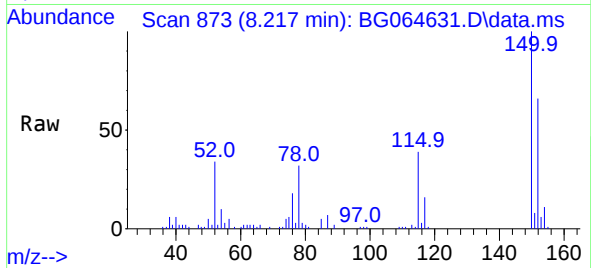




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.217 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG064631.D
Acq: 29 Oct 2025 20:18

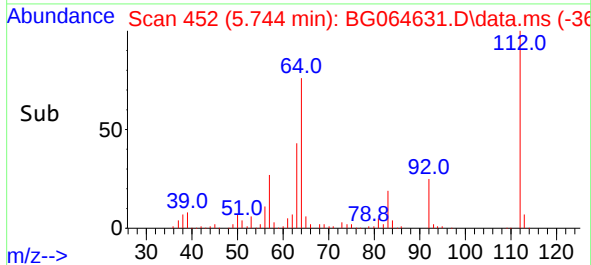
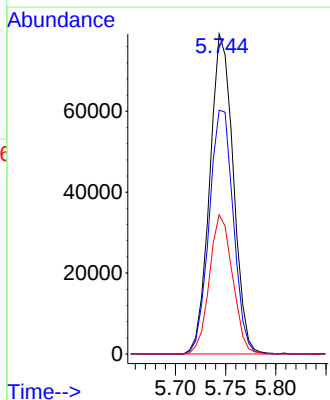
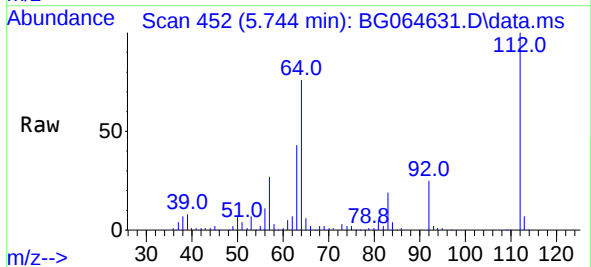
Instrument :
BNA_G
ClientSampleId :
MW-10

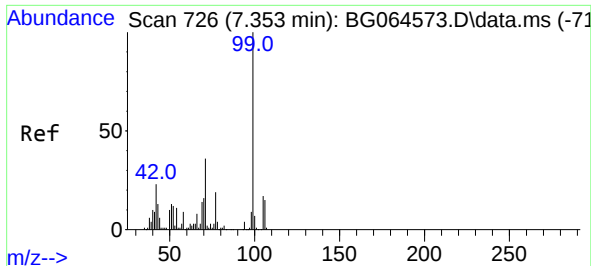
Tgt Ion:152 Resp: 27605
Ion Ratio Lower Upper
152 100
150 151.7 122.2 183.4
115 59.2 50.8 76.2



#5
2-Fluorophenol
Concen: 78.349 ng
RT: 5.744 min Scan# 452
Delta R.T. -0.003 min
Lab File: BG064631.D
Acq: 29 Oct 2025 20:18

Tgt Ion:112 Resp: 128855
Ion Ratio Lower Upper
112 100
64 76.2 60.7 91.1
63 43.5 33.4 50.0

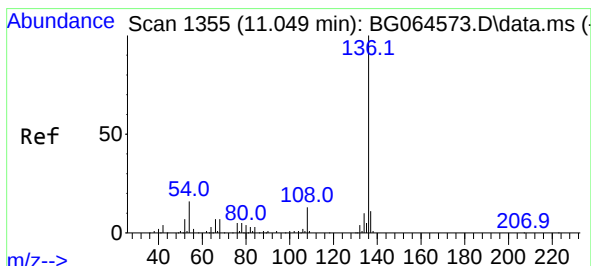
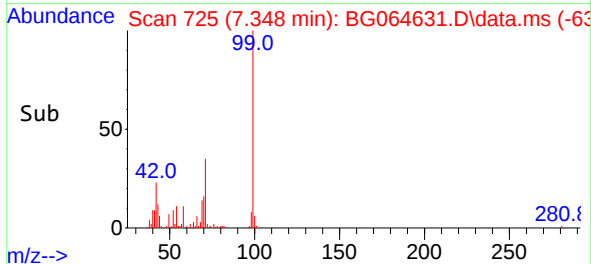
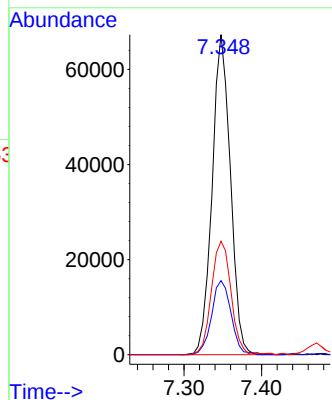
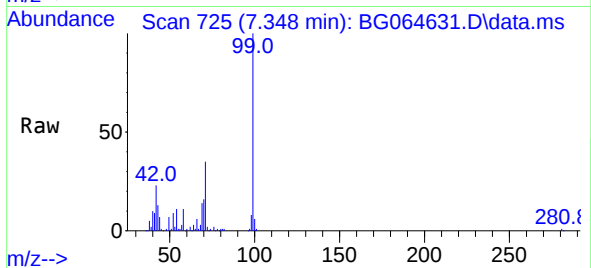




#7
Phenol-d6
Concen: 48.785 ng
RT: 7.348 min Scan# 71
Delta R.T. -0.009 min
Lab File: BG064631.D
Acq: 29 Oct 2025 20:18

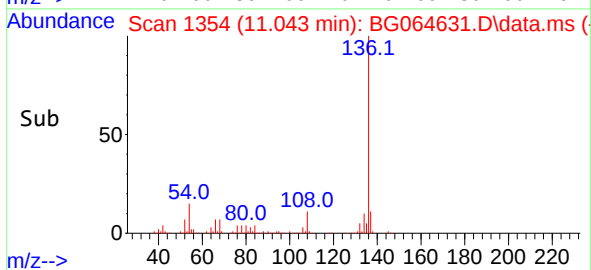
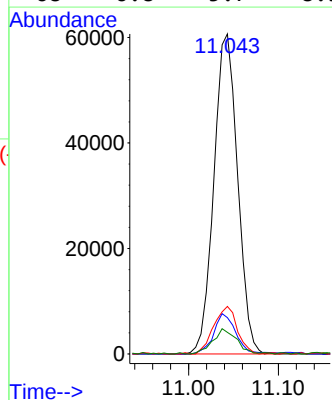
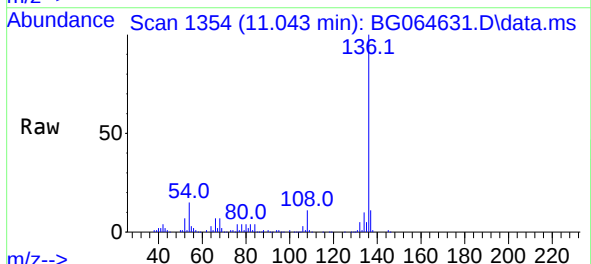
Instrument :
BNA_G
ClientSampleId :
MW-10

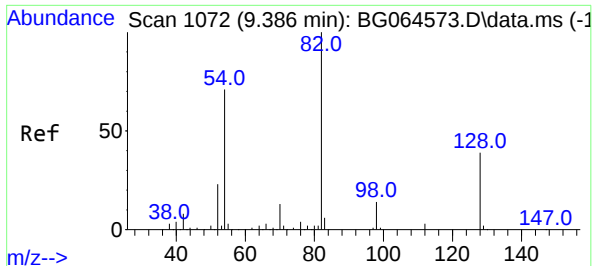
Tgt Ion: 99 Resp: 110097
Ion Ratio Lower Upper
99 100
42 23.2 18.3 27.5
71 35.5 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.043 min Scan# 1354
Delta R.T. -0.009 min
Lab File: BG064631.D
Acq: 29 Oct 2025 20:18

Tgt Ion: 136 Resp: 111146
Ion Ratio Lower Upper
136 100
137 11.4 9.2 13.8
54 14.9 12.6 19.0
68 6.8 5.7 8.5





#23

Nitrobenzene-d5

Concen: 132.167 ng

RT: 9.380 min Scan# 1072

Delta R.T. -0.010 min

Lab File: BG064631.D

Acq: 29 Oct 2025 20:18

Instrument :

BNA_G

ClientSampleId :

MW-10

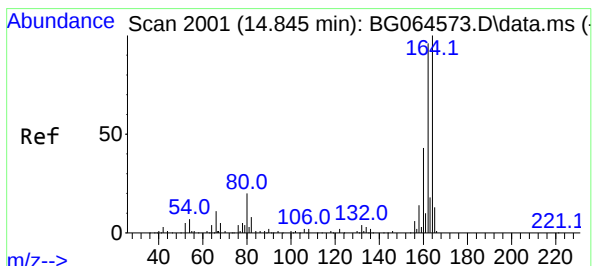
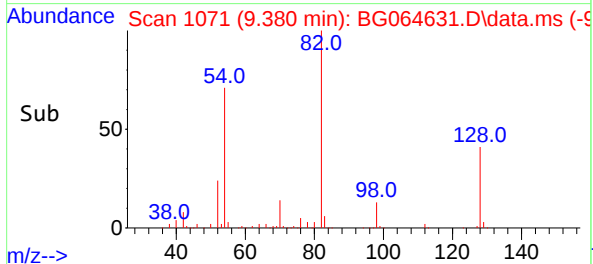
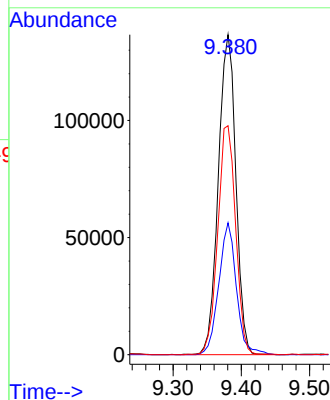
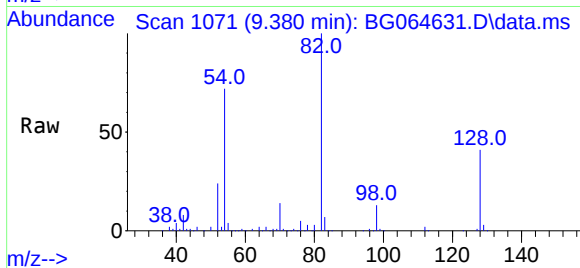
Tgt Ion: 82 Resp: 244576

Ion Ratio Lower Upper

82 100

128 41.2 31.3 46.9

54 71.6 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: BG064631.D

Acq: 29 Oct 2025 20:18

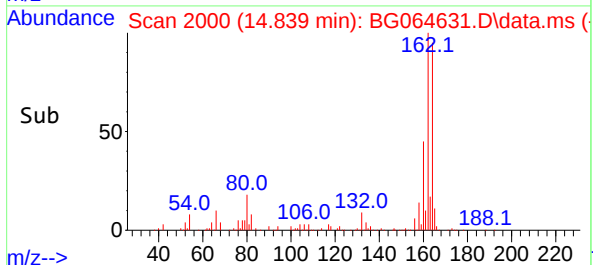
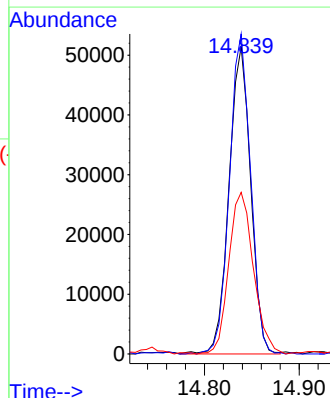
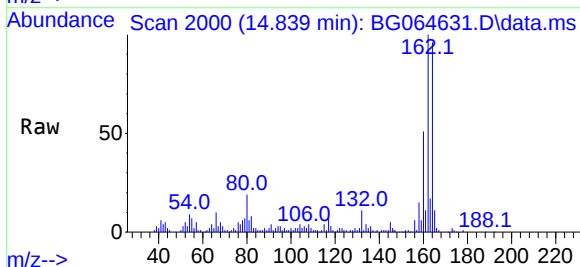
Tgt Ion:164 Resp: 81763

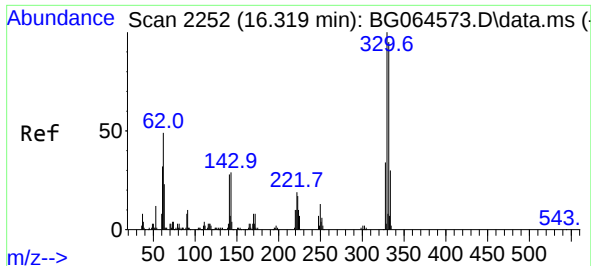
Ion Ratio Lower Upper

164 100

162 104.1 77.0 115.6

160 52.6 34.4 51.6#

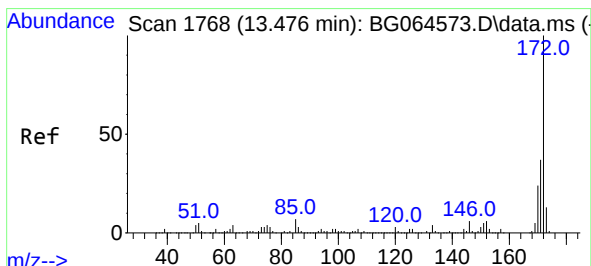
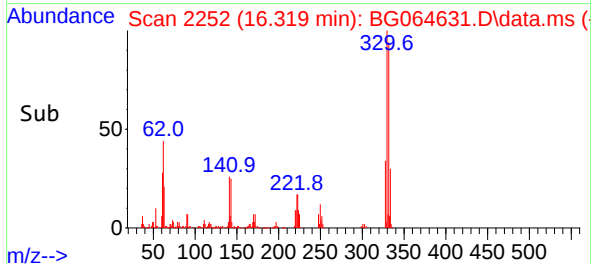
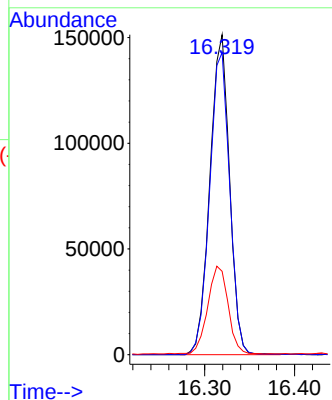
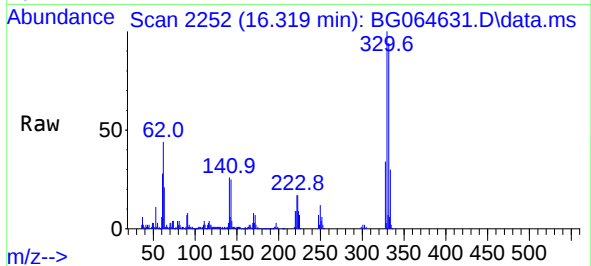




#42
2,4,6-Tribromophenol
Concen: 194.192 ng
RT: 16.319 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064631.D
Acq: 29 Oct 2025 20:18

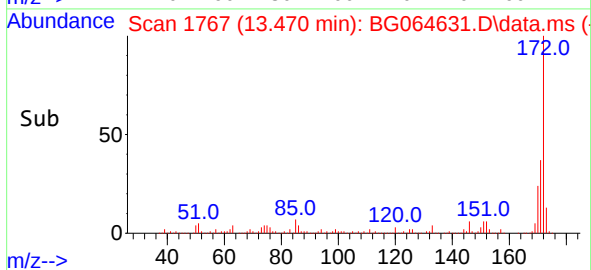
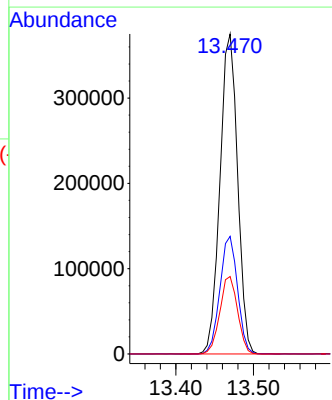
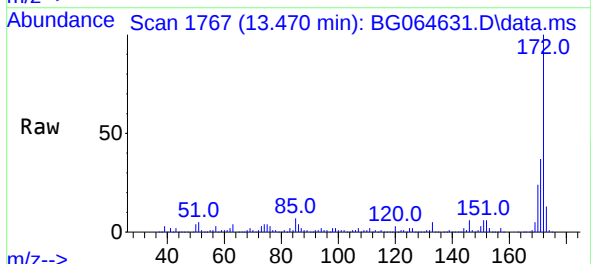
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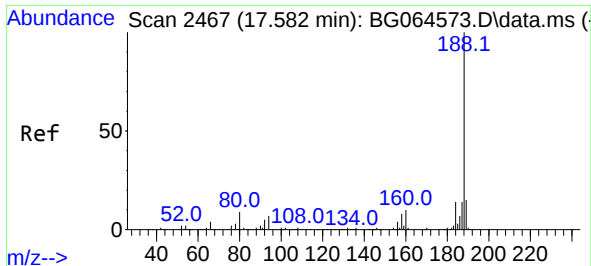
Tgt Ion:330 Resp: 229163
Ion Ratio Lower Upper
330 100
332 96.7 78.0 117.0
141 28.6 21.8 32.6



#45
2-Fluorobiphenyl
Concen: 109.912 ng
RT: 13.470 min Scan# 1767
Delta R.T. -0.009 min
Lab File: BG064631.D
Acq: 29 Oct 2025 20:18

Tgt Ion:172 Resp: 592894
Ion Ratio Lower Upper
172 100
171 36.8 29.4 44.0
170 24.2 19.1 28.7

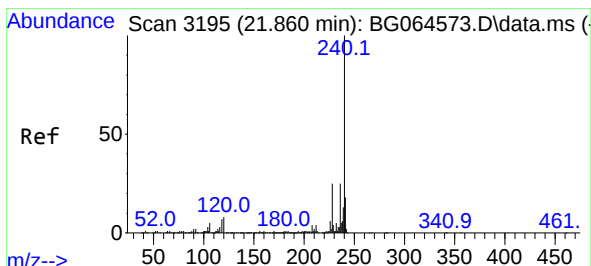
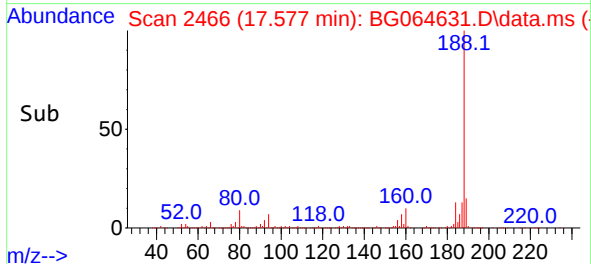
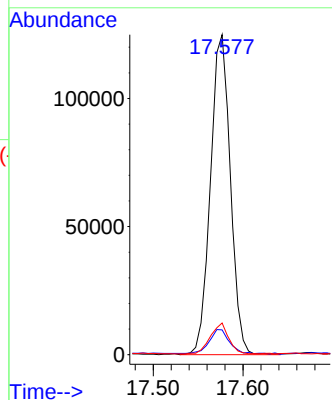
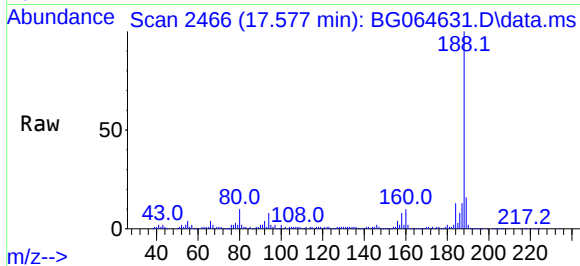




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.577 min Scan# 2466
Delta R.T. -0.003 min
Lab File: BG064631.D
Acq: 29 Oct 2025 20:18

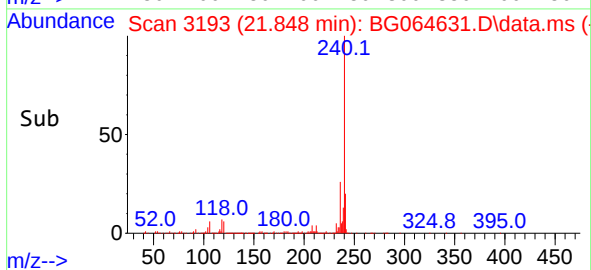
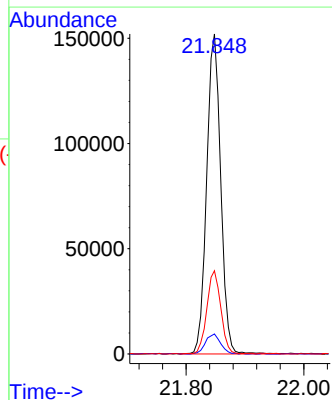
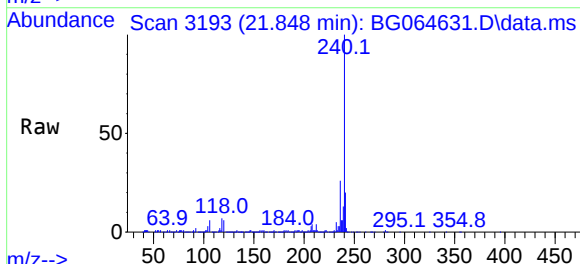
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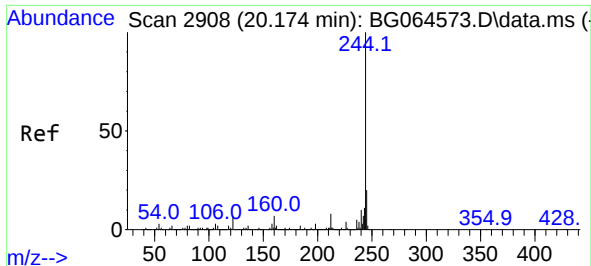
Tgt Ion:188 Resp: 192626
Ion Ratio Lower Upper
188 100
94 7.8 5.7 8.5
80 9.9 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.848 min Scan# 3193
Delta R.T. -0.015 min
Lab File: BG064631.D
Acq: 29 Oct 2025 20:18

Tgt Ion:240 Resp: 251896
Ion Ratio Lower Upper
240 100
120 6.2 6.5 9.7#
236 26.0 20.2 30.2

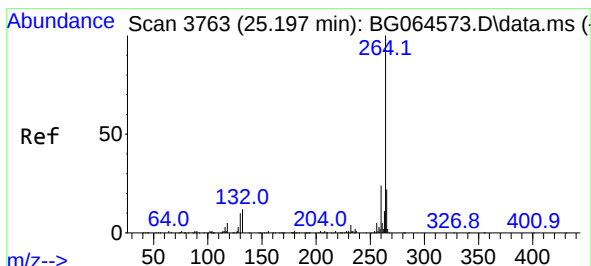
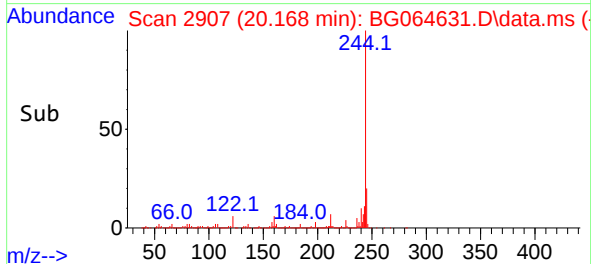
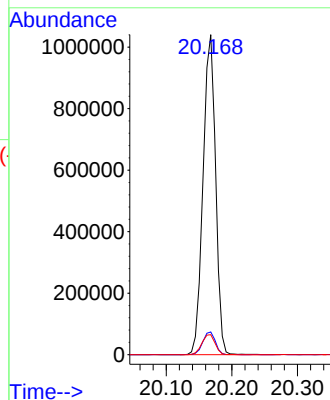
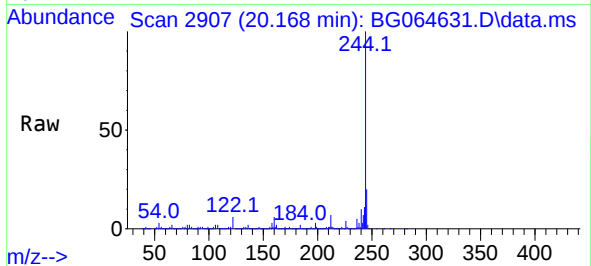




#79
 Terphenyl-d14
 Concen: 103.897 ng
 RT: 20.168 min Scan# 24
 Delta R.T. -0.009 min
 Lab File: BG064631.D
 Acq: 29 Oct 2025 20:18

Instrument :
 BNA_G
 ClientSampleId :
 MW-10

Tgt Ion:244 Resp: 1386807
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 6.3 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.185 min Scan# 3761
 Delta R.T. -0.015 min
 Lab File: BG064631.D
 Acq: 29 Oct 2025 20:18

Tgt Ion:264 Resp: 278585
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.4
 265 20.3 17.6 26.4

