

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102925\
 Data File : BG064633.D
 Acq On : 29 Oct 2025 21:40
 Operator : RC/JU
 Sample : Q3468-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-13

Quant Time: Oct 30 04:59:54 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	31875	20.000	ng	0.00
21) Naphthalene-d8	11.043	136	122159	20.000	ng	0.00
39) Acenaphthene-d10	14.838	164	91004	20.000	ng	0.00
64) Phenanthrene-d10	17.570	188	219936	20.000	ng	0.00
76) Chrysene-d12	21.848	240	277573	20.000	ng	-0.02
86) Perylene-d12	25.185	264	306088	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.743	112	119700	63.032	ng	0.00
7) Phenol-d6	7.347	99	103441	39.696	ng	0.00
23) Nitrobenzene-d5	9.380	82	229863	113.018	ng	-0.01
42) 2,4,6-Tribromophenol	16.313	330	224545	170.957	ng	-0.01
45) 2-Fluorobiphenyl	13.469	172	568749	94.730	ng	0.00
79) Terphenyl-d14	20.167	244	1334202	90.710	ng	0.00

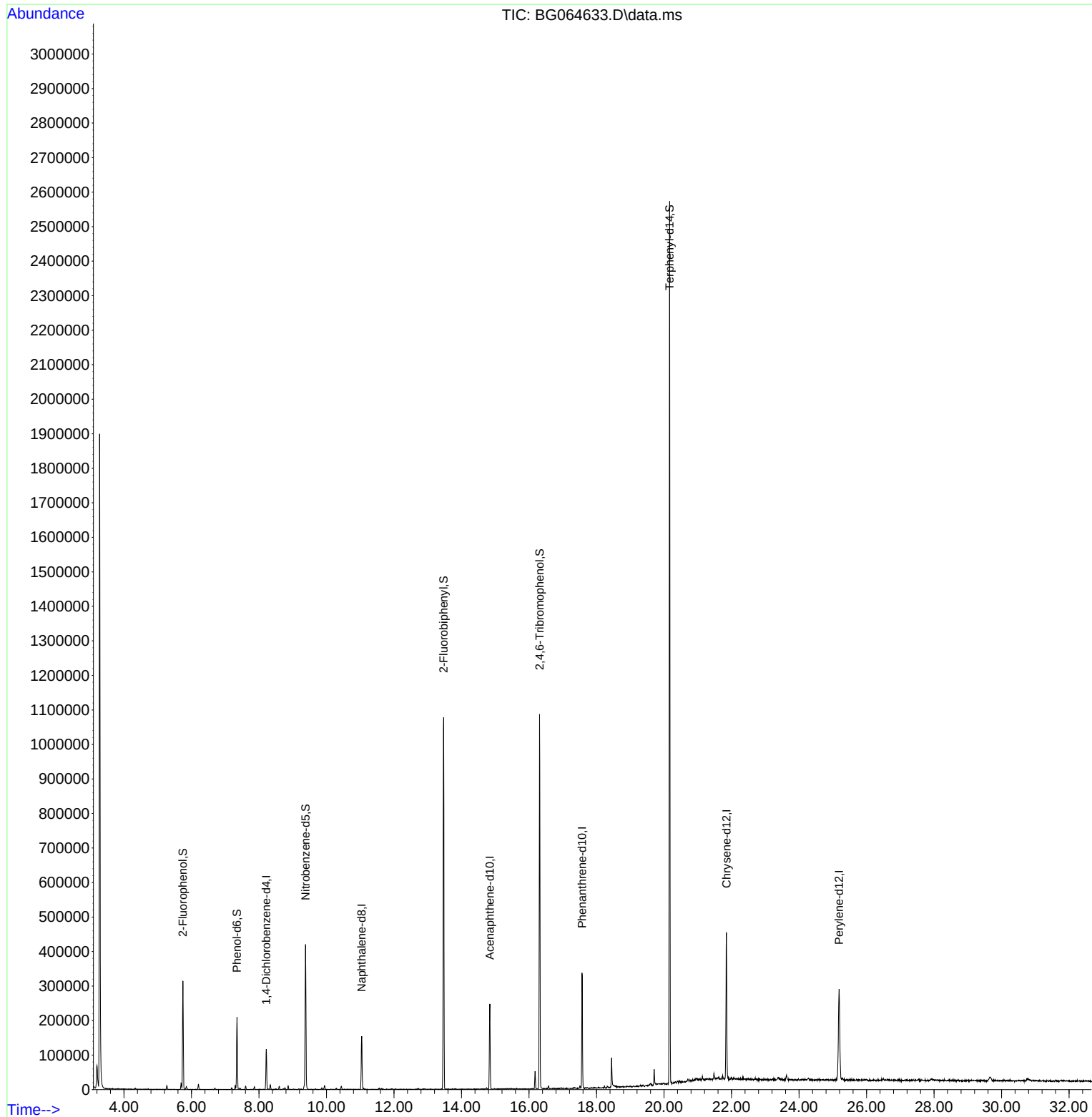
Target Compounds	Qvalue

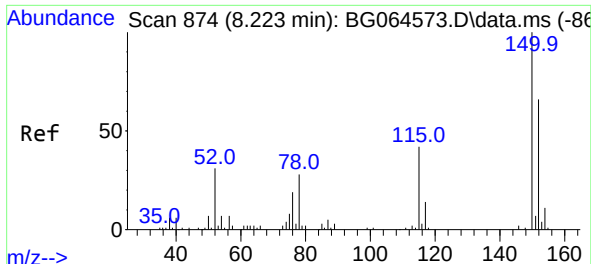
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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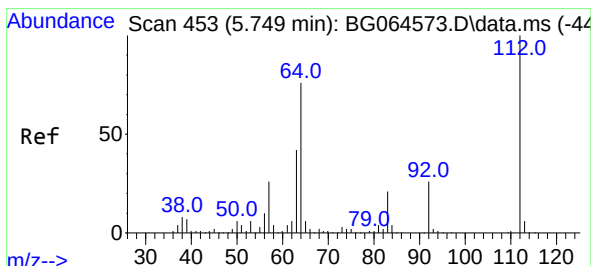
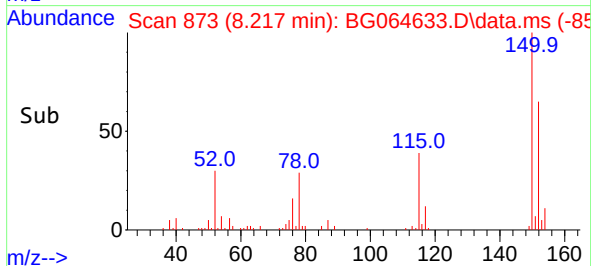
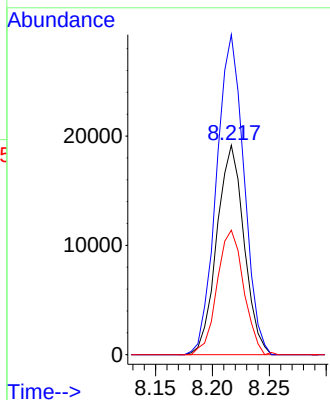
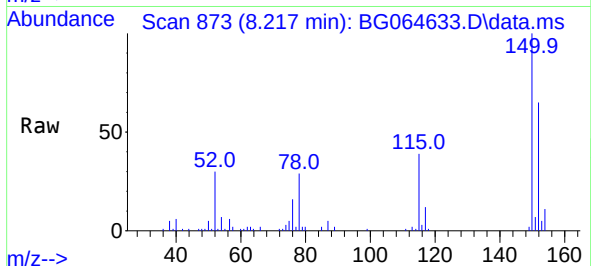




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.217 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG064633.D
Acq: 29 Oct 2025 21:40

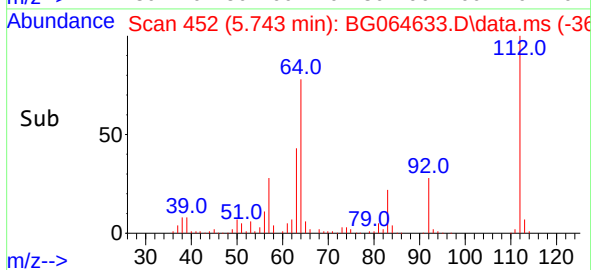
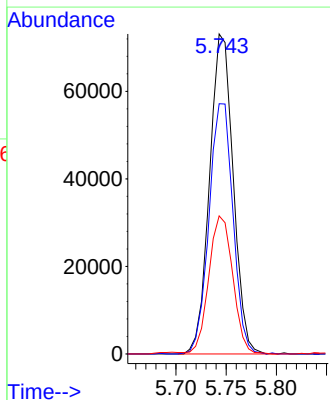
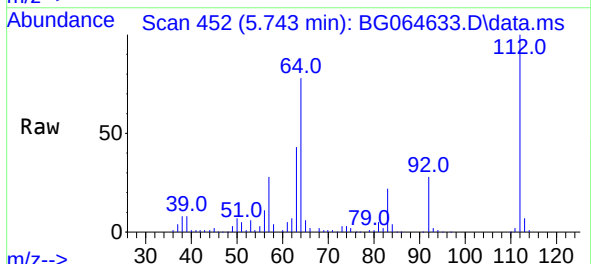
Instrument :
BNA_G
ClientSampleId :
MW-13

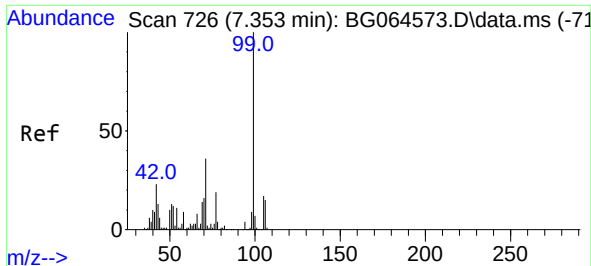
Tgt Ion:152 Resp: 31875
Ion Ratio Lower Upper
152 100
150 152.8 122.2 183.4
115 59.5 50.8 76.2



#5
2-Fluorophenol
Concen: 63.032 ng
RT: 5.743 min Scan# 452
Delta R.T. -0.004 min
Lab File: BG064633.D
Acq: 29 Oct 2025 21:40

Tgt Ion:112 Resp: 119700
Ion Ratio Lower Upper
112 100
64 78.2 60.7 91.1
63 43.2 33.4 50.0

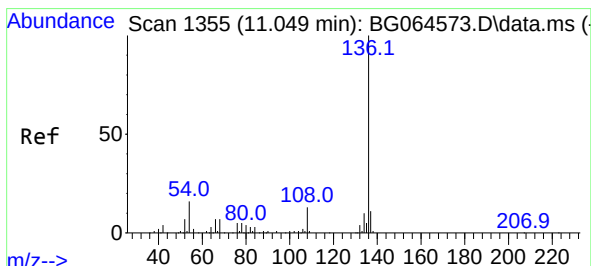
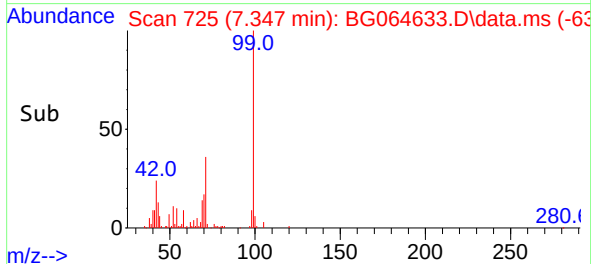
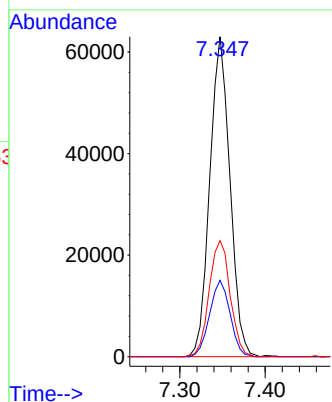
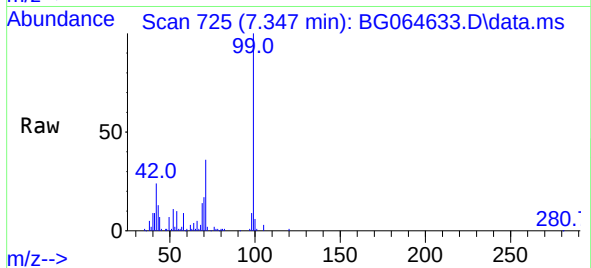




#7
Phenol-d6
Concen: 39.696 ng
RT: 7.347 min Scan# 71
Delta R.T. -0.010 min
Lab File: BG064633.D
Acq: 29 Oct 2025 21:40

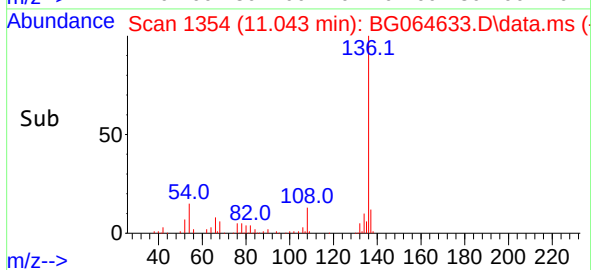
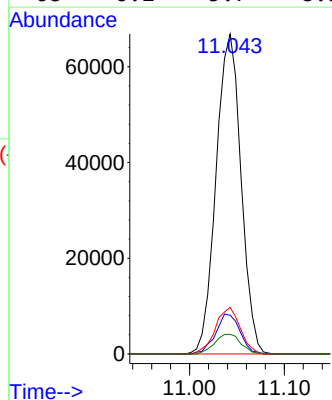
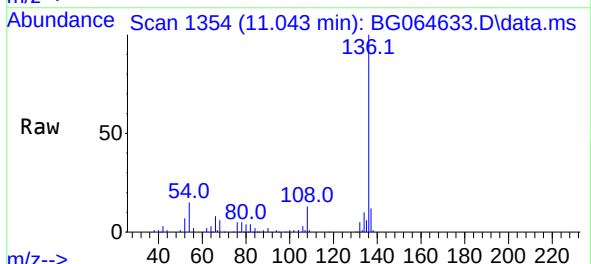
Instrument :
BNA_G
ClientSampleId :
MW-13

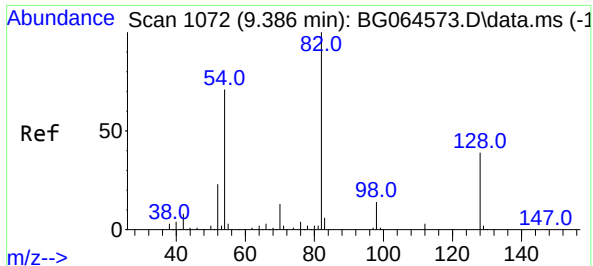
Tgt Ion: 99 Resp: 103441
Ion Ratio Lower Upper
99 100
42 23.8 18.3 27.5
71 36.2 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.043 min Scan# 1354
Delta R.T. -0.010 min
Lab File: BG064633.D
Acq: 29 Oct 2025 21:40

Tgt Ion: 136 Resp: 122159
Ion Ratio Lower Upper
136 100
137 12.1 9.2 13.8
54 14.6 12.6 19.0
68 6.2 5.7 8.5





#23

Nitrobenzene-d5

Concen: 113.018 ng

RT: 9.380 min Scan# 10

Delta R.T. -0.010 min

Lab File: BG064633.D

Acq: 29 Oct 2025 21:40

Instrument :

BNA_G

ClientSampleId :

MW-13

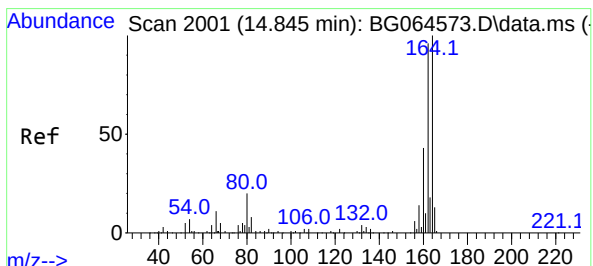
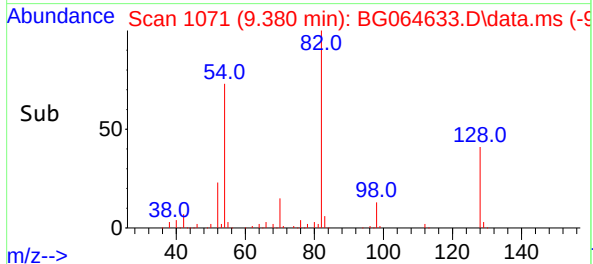
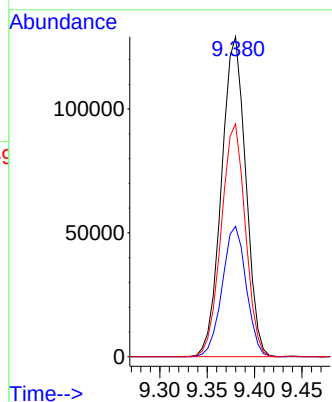
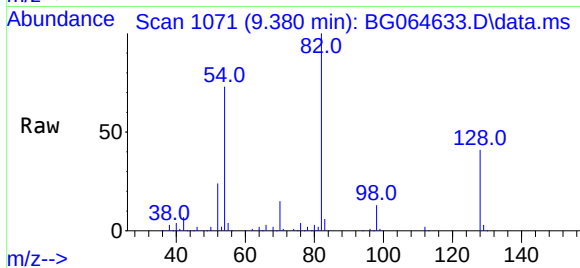
Tgt Ion: 82 Resp: 229863

Ion Ratio Lower Upper

82 100

128 40.7 31.3 46.9

54 72.8 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: BG064633.D

Acq: 29 Oct 2025 21:40

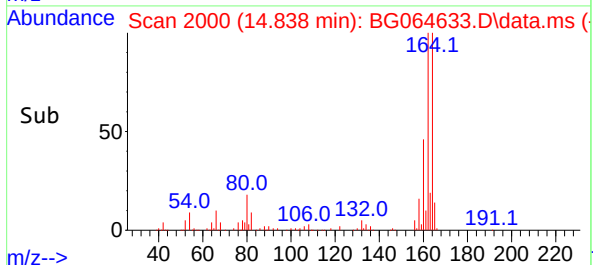
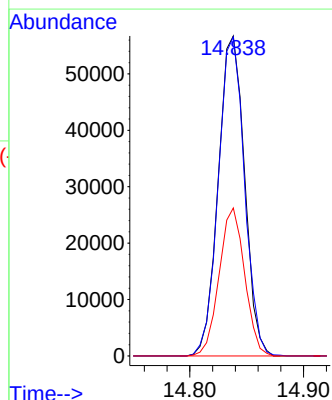
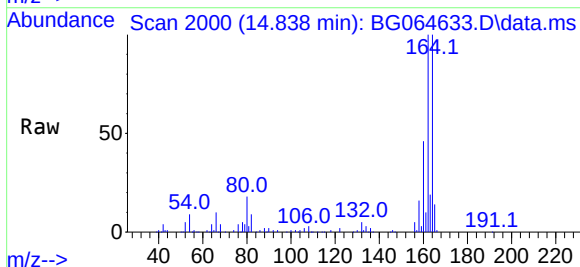
Tgt Ion:164 Resp: 91004

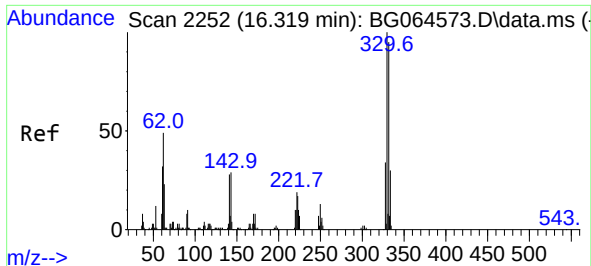
Ion Ratio Lower Upper

164 100

162 99.7 77.0 115.6

160 46.2 34.4 51.6

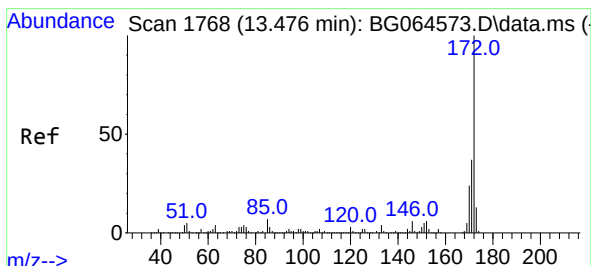
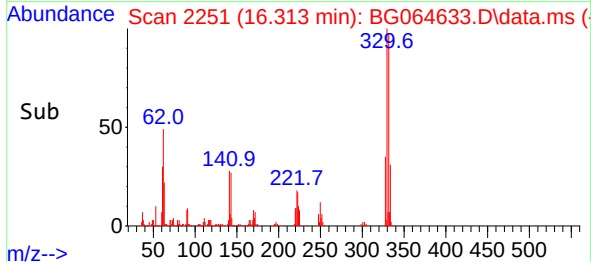
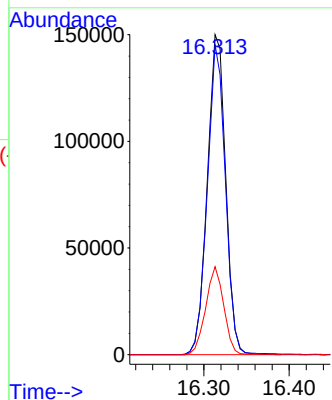
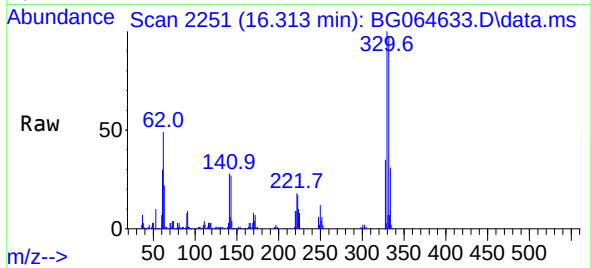




#42
2,4,6-Tribromophenol
Concen: 170.957 ng
RT: 16.313 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG064633.D
Acq: 29 Oct 2025 21:40

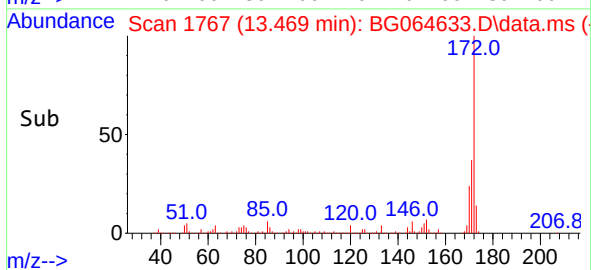
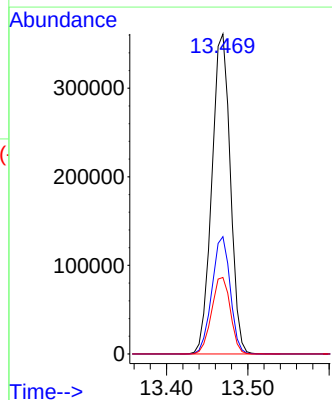
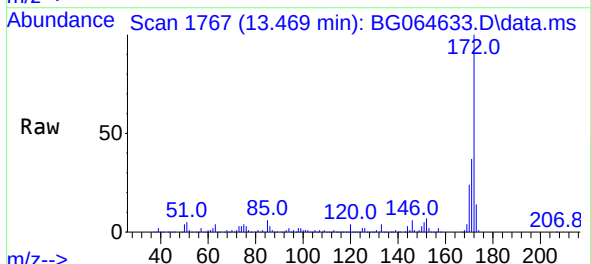
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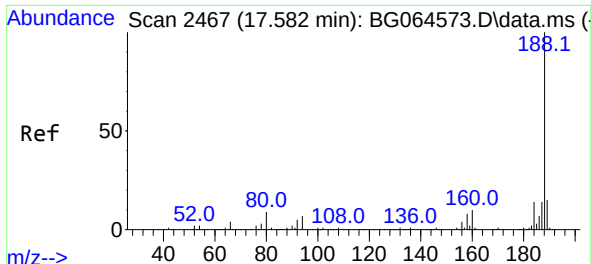
Tgt Ion:330 Resp: 224545
Ion Ratio Lower Upper
330 100
332 95.4 78.0 117.0
141 27.1 21.8 32.6



#45
2-Fluorobiphenyl
Concen: 94.730 ng
RT: 13.469 min Scan# 1767
Delta R.T. -0.010 min
Lab File: BG064633.D
Acq: 29 Oct 2025 21:40

Tgt Ion:172 Resp: 568749
Ion Ratio Lower Upper
172 100
171 36.7 29.4 44.0
170 23.9 19.1 28.7

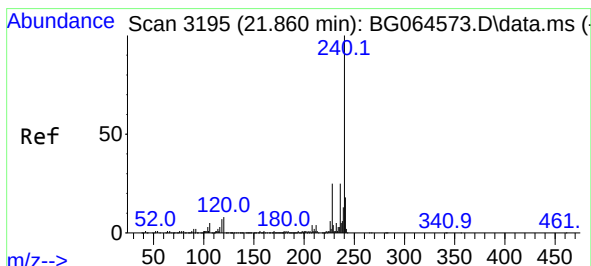
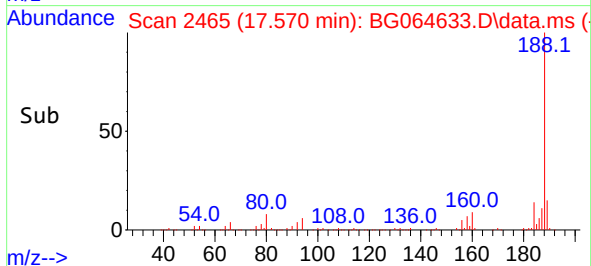
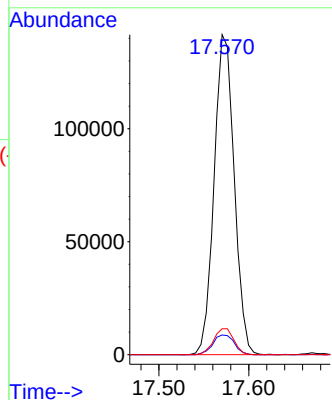
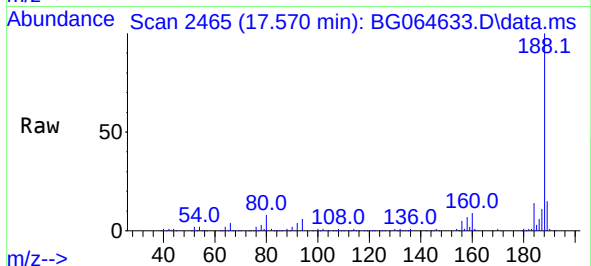




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.570 min Scan# 2465
Delta R.T. -0.010 min
Lab File: BG064633.D
Acq: 29 Oct 2025 21:40

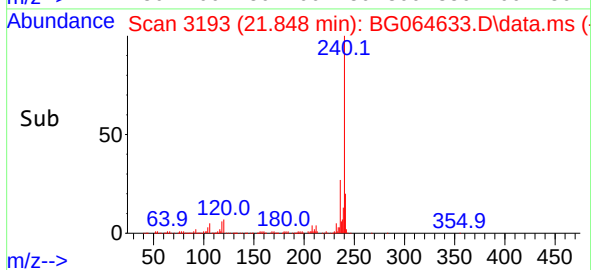
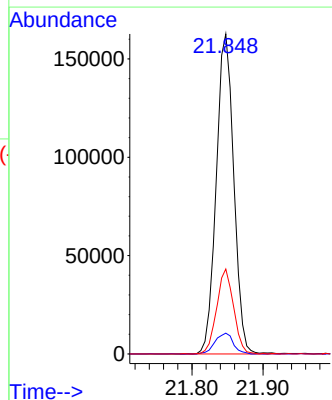
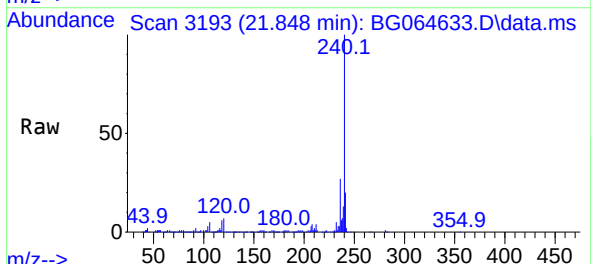
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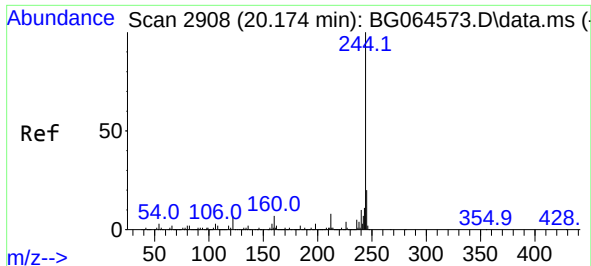
Tgt Ion:188 Resp: 219936
Ion Ratio Lower Upper
188 100
94 6.1 5.7 8.5
80 8.1 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.848 min Scan# 3193
Delta R.T. -0.016 min
Lab File: BG064633.D
Acq: 29 Oct 2025 21:40

Tgt Ion:240 Resp: 277573
Ion Ratio Lower Upper
240 100
120 6.5 6.5 9.7
236 26.6 20.2 30.2

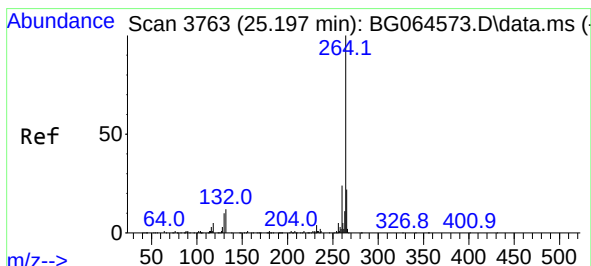
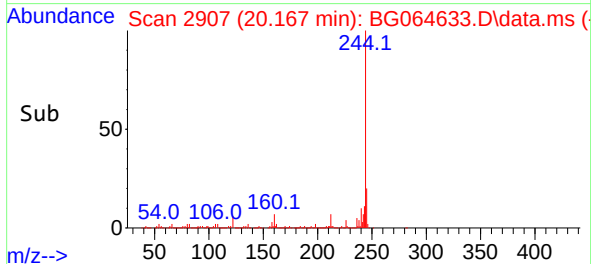
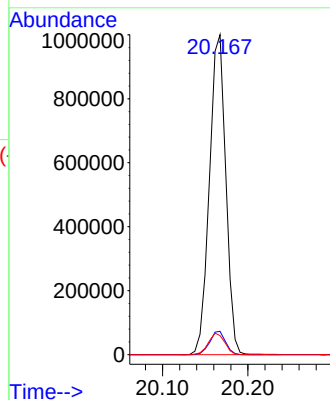
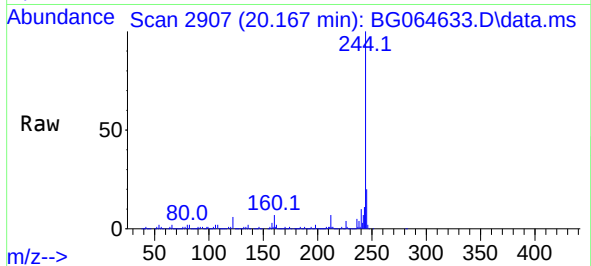




#79
 Terphenyl-d14
 Concen: 90.710 ng
 RT: 20.167 min Scan# 24
 Delta R.T. -0.010 min
 Lab File: BG064633.D
 Acq: 29 Oct 2025 21:40

Instrument :
 BNA_G
 ClientSampleId :
 MW-13

Tgt Ion:244 Resp: 1334202
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 6.0 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.185 min Scan# 3761
 Delta R.T. -0.016 min
 Lab File: BG064633.D
 Acq: 29 Oct 2025 21:40

Tgt Ion:264 Resp: 306088
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.4
 265 22.5 17.6 26.4

