

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120925\
 Data File : BG064903.D
 Acq On : 9 Dec 2025 13:30
 Operator : RC/JU
 Sample : PB170865BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170865BL

Quant Time: Dec 09 14:05:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.153	152	19621	20.000	ng	-0.01
21) Naphthalene-d8	10.973	136	72279	20.000	ng	#-0.01
39) Acenaphthene-d10	14.769	164	66082	20.000	ng	0.00
64) Phenanthrene-d10	17.495	188	173863	20.000	ng	# 0.00
76) Chrysene-d12	21.743	240	261348	20.000	ng	-0.01
86) Perylene-d12	24.998	264	279139	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.691	112	152887	136.065	ng	0.00
7) Phenol-d6	7.301	99	194106	129.882	ng	0.00
23) Nitrobenzene-d5	9.316	82	122982	84.126	ng	-0.01
42) 2,4,6-Tribromophenol	16.243	330	210585	163.396	ng	0.00
45) 2-Fluorobiphenyl	13.400	172	415979	87.835	ng	0.00
79) Terphenyl-d14	20.086	244	1334680	100.458	ng	0.00

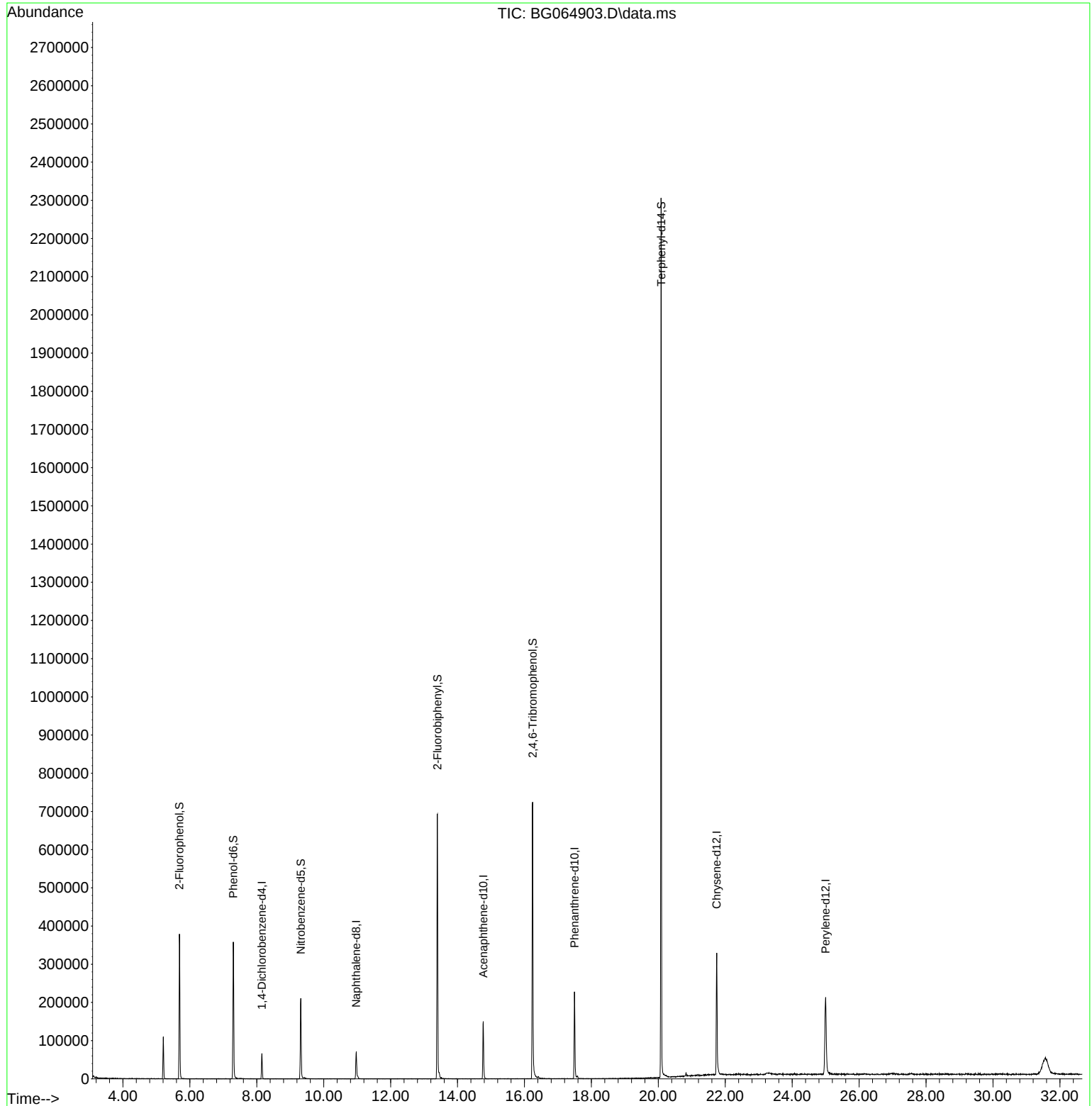
Target Compounds	Qvalue

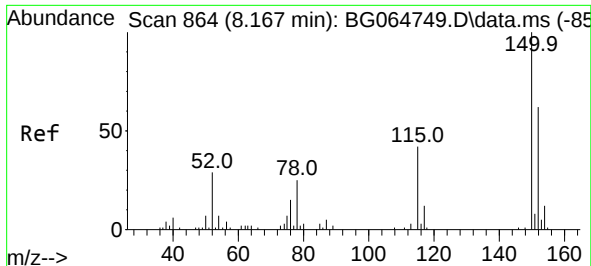
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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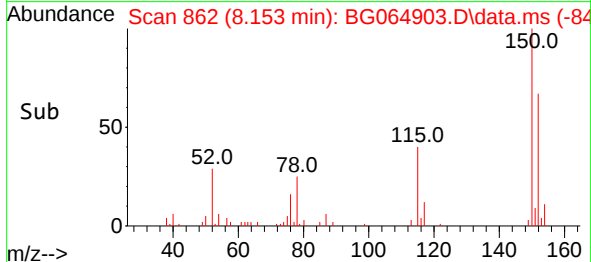
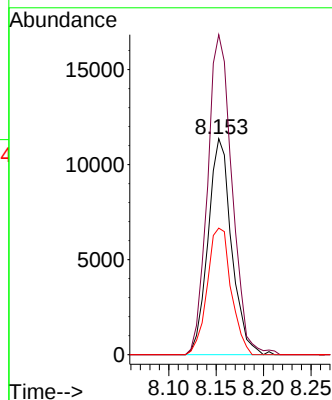
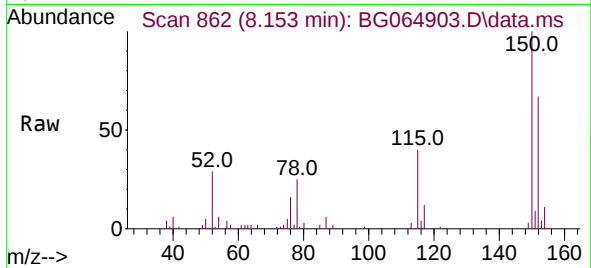




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.153 min Scan# 80
Delta R.T. -0.014 min
Lab File: BG064903.D
Acq: 9 Dec 2025 13:30

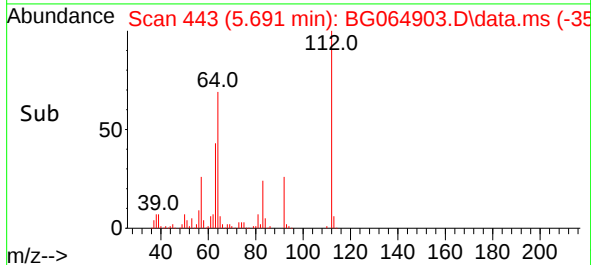
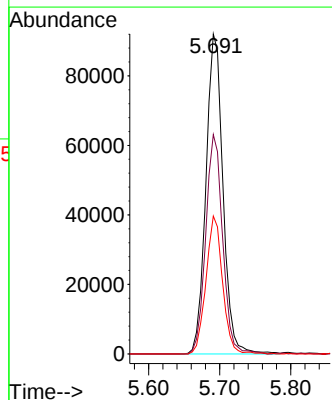
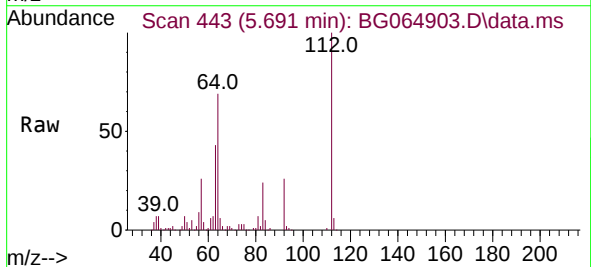
Instrument :
BNA_G
ClientSampleId :
PB170865BL

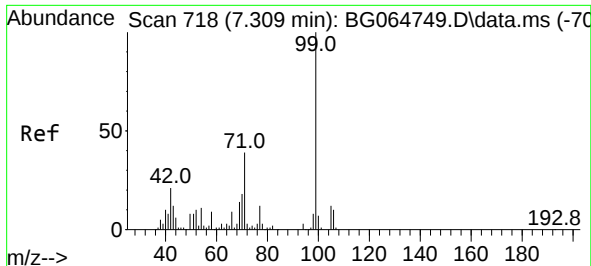
Tgt Ion:152 Resp: 19621
Ion Ratio Lower Upper
152 100
150 148.2 129.2 193.8
115 58.6 53.7 80.5



#5
2-Fluorophenol
Concen: 136.065 ng
RT: 5.691 min Scan# 443
Delta R.T. -0.009 min
Lab File: BG064903.D
Acq: 9 Dec 2025 13:30

Tgt Ion:112 Resp: 152887
Ion Ratio Lower Upper
112 100
64 68.5 61.0 91.4
63 43.1 33.3 49.9

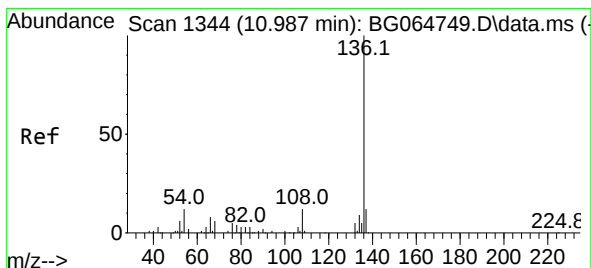
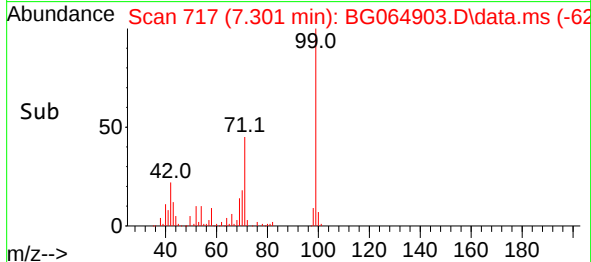
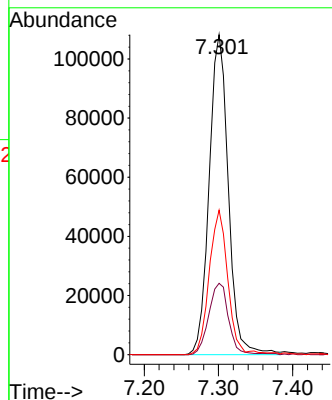
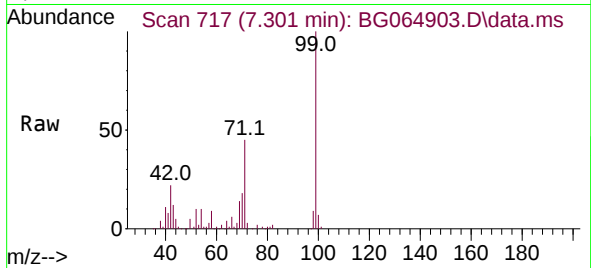




#7
Phenol-d6
Concen: 129.882 ng
RT: 7.301 min Scan# 71
Delta R.T. -0.009 min
Lab File: BG064903.D
Acq: 9 Dec 2025 13:30

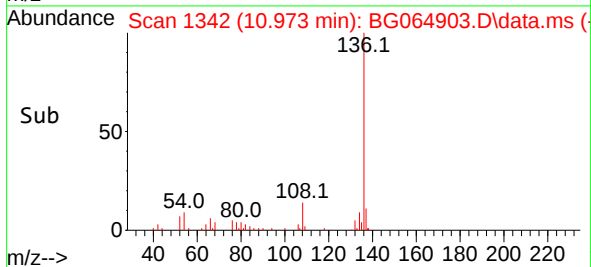
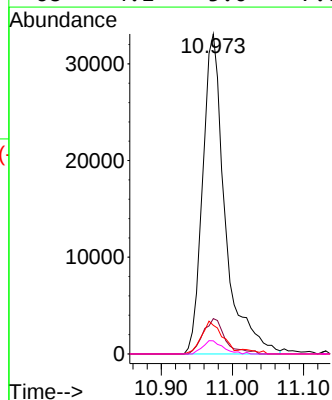
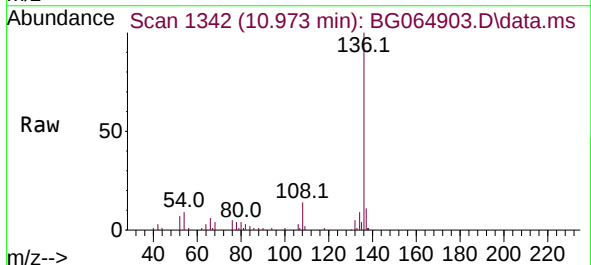
Instrument :
BNA_G
ClientSampleId :
PB170865BL

Tgt Ion: 99 Resp: 194106
Ion Ratio Lower Upper
99 100
42 22.3 16.8 25.2
71 45.1 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.973 min Scan# 1342
Delta R.T. -0.014 min
Lab File: BG064903.D
Acq: 9 Dec 2025 13:30

Tgt Ion:136 Resp: 72279
Ion Ratio Lower Upper
136 100
137 11.0 9.3 13.9
54 8.9 9.3 13.9#
68 4.1 5.0 7.6#

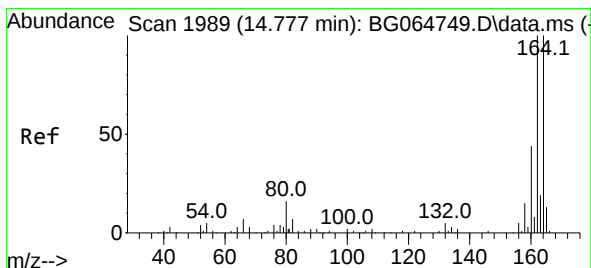
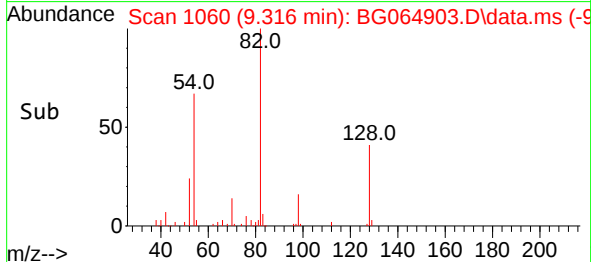
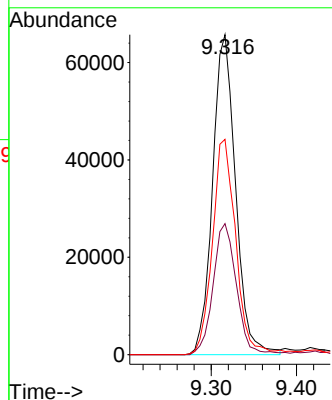
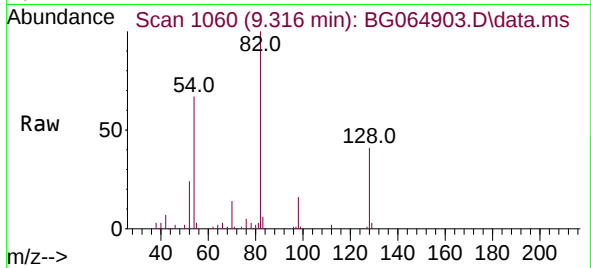




#23
Nitrobenzene-d5
Concen: 84.126 ng
RT: 9.316 min Scan# 1060
Delta R.T. -0.015 min
Lab File: BG064903.D
Acq: 9 Dec 2025 13:30

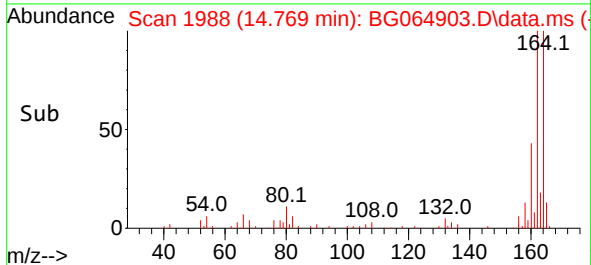
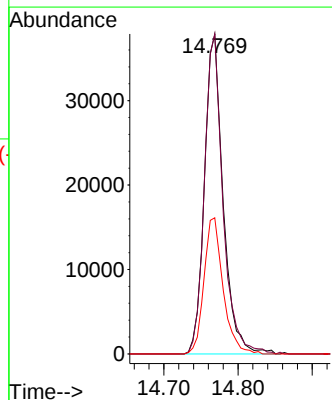
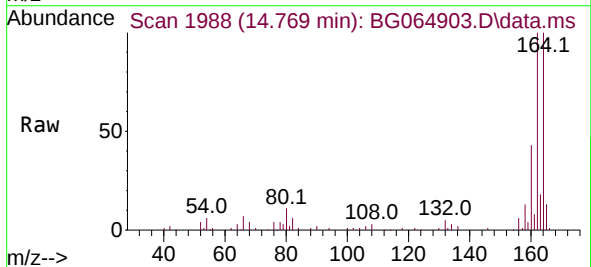
Instrument :
BNA_G
ClientSampleId :
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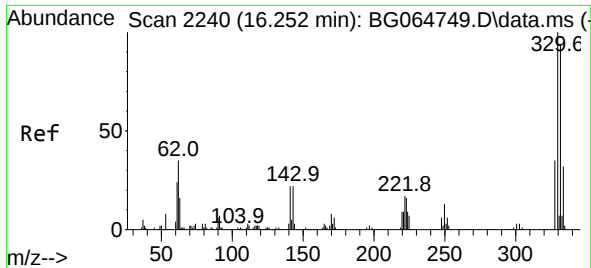
Tgt Ion: 82 Resp: 122982
Ion Ratio Lower Upper
82 100
128 40.9 34.1 51.1
54 67.3 54.3 81.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.769 min Scan# 1988
Delta R.T. -0.009 min
Lab File: BG064903.D
Acq: 9 Dec 2025 13:30

Tgt Ion: 164 Resp: 66082
Ion Ratio Lower Upper
164 100
162 100.1 79.8 119.6
160 42.6 34.9 52.3

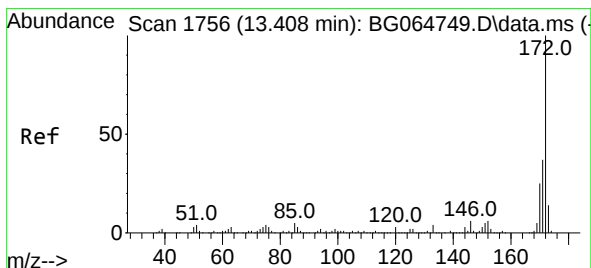
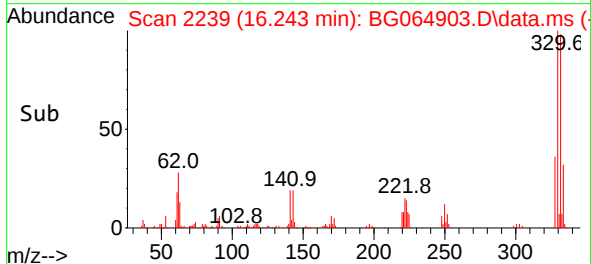
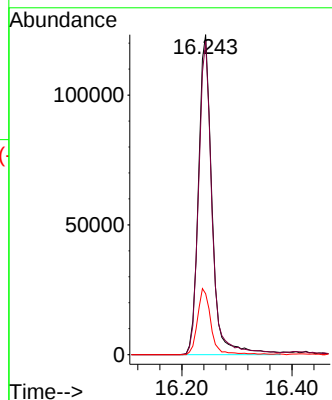
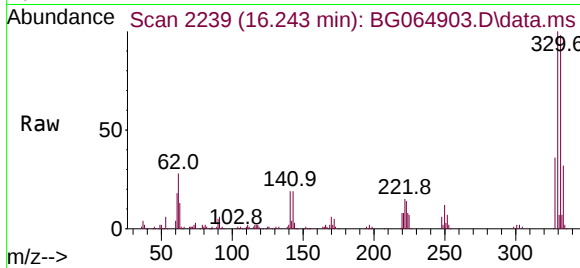




#42
 2,4,6-Tribromophenol
 Concen: 163.396 ng
 RT: 16.243 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG064903.D
 Acq: 9 Dec 2025 13:30

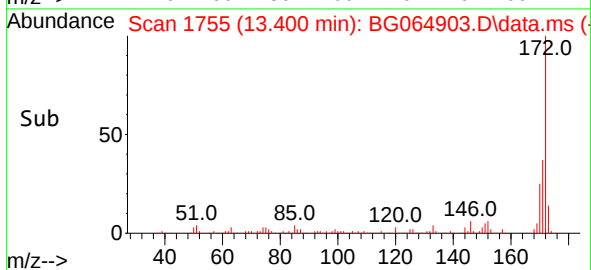
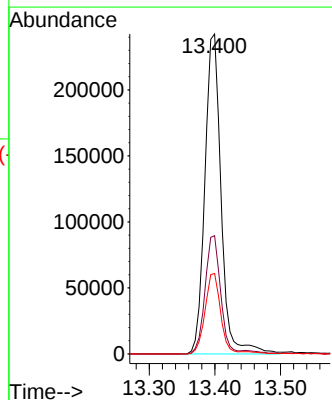
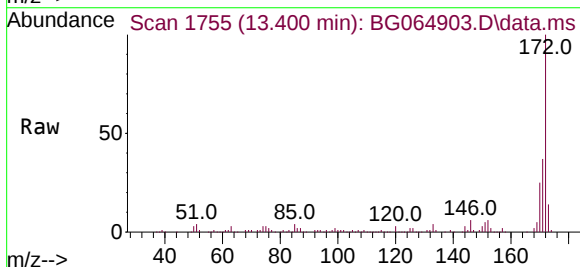
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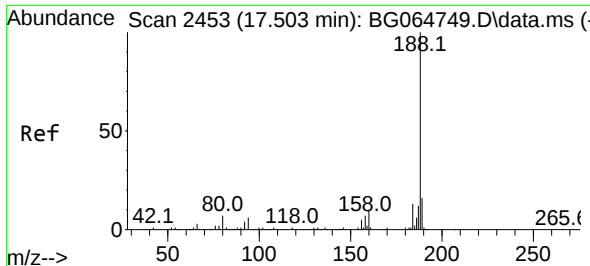
Tgt Ion:330 Resp: 210585
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 20.3 18.2 27.2



#45
 2-Fluorobiphenyl
 Concen: 87.835 ng
 RT: 13.400 min Scan# 1755
 Delta R.T. -0.009 min
 Lab File: BG064903.D
 Acq: 9 Dec 2025 13:30

Tgt Ion:172 Resp: 415979
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.9 44.9
 170 25.1 19.8 29.6

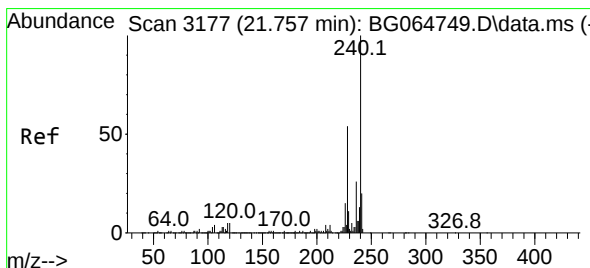
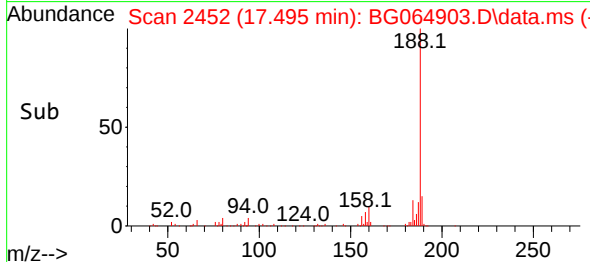
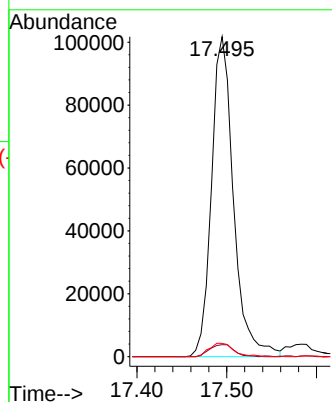
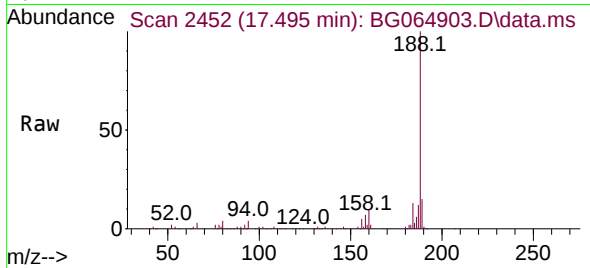




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.495 min Scan# 2453
Delta R.T. -0.009 min
Lab File: BG064903.D
Acq: 9 Dec 2025 13:30

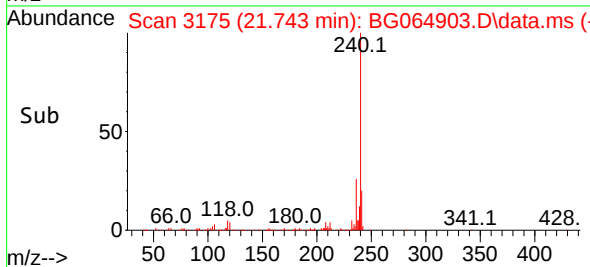
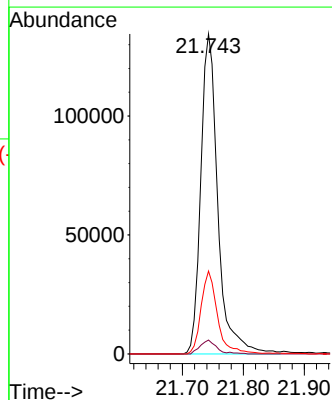
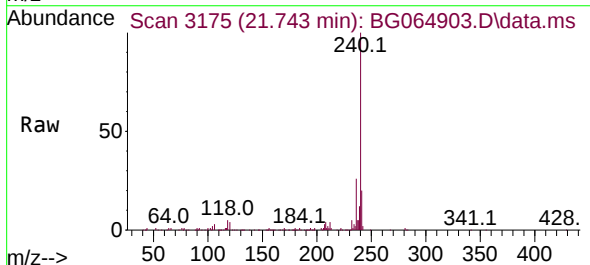
Instrument :
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ClientSampleId :
PB170865BL

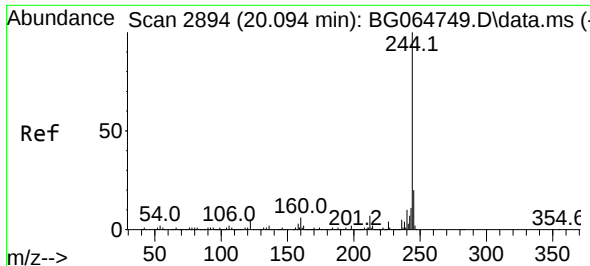
Tgt Ion:188 Resp: 173863
Ion Ratio Lower Upper
188 100
94 3.7 4.7 7.1#
80 4.1 5.4 8.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.743 min Scan# 3175
Delta R.T. -0.015 min
Lab File: BG064903.D
Acq: 9 Dec 2025 13:30

Tgt Ion:240 Resp: 261348
Ion Ratio Lower Upper
240 100
120 4.4 4.2 6.4
236 25.9 20.8 31.2

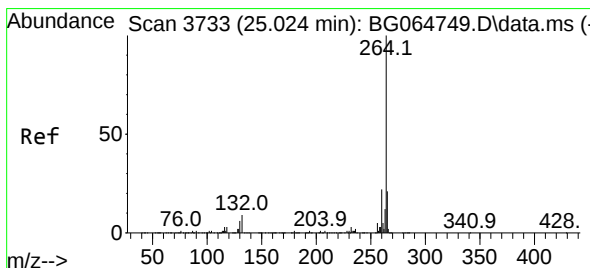
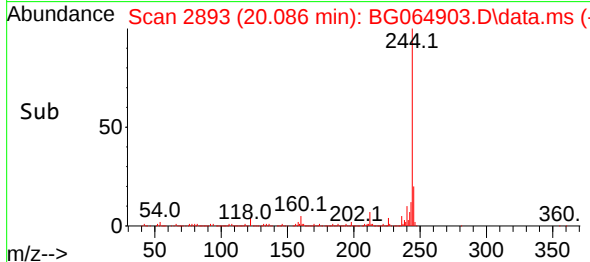
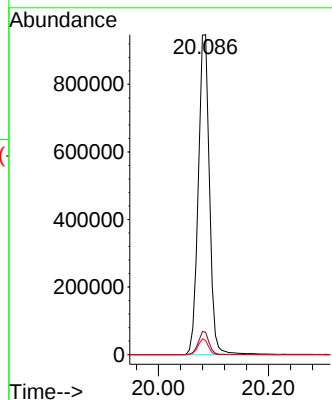
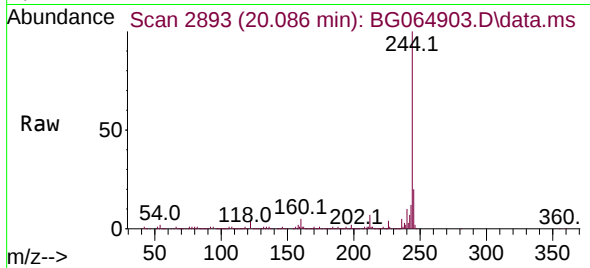




#79
Terphenyl-d14
Concen: 100.458 ng
RT: 20.086 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG064903.D
Acq: 9 Dec 2025 13:30

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:244 Resp: 1334680
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 4.4 4.3 6.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.998 min Scan# 3729
Delta R.T. -0.026 min
Lab File: BG064903.D
Acq: 9 Dec 2025 13:30

Tgt Ion:264 Resp: 279139
Ion Ratio Lower Upper
264 100
260 24.0 17.2 25.8
265 22.7 16.6 25.0

