

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120925\
 Data File : BG064908.D
 Acq On : 9 Dec 2025 17:01
 Operator : RC/JU
 Sample : PB170870BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170870BL

Quant Time: Dec 09 17:44:00 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	8.149	152	21463	20.000	ng	-0.02
21) Naphthalene-d8	10.969	136	88573	20.000	ng	#-0.02
39) Acenaphthene-d10	14.765	164	79626	20.000	ng	-0.01
64) Phenanthrene-d10	17.491	188	199445	20.000	ng	#-0.01
76) Chrysene-d12	21.739	240	231970	20.000	ng	#-0.02
86) Perylene-d12	24.988	264	254726	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	185594	150.998	ng	-0.01
7) Phenol-d6	7.297	99	230483	140.988	ng	-0.01
23) Nitrobenzene-d5	9.312	82	150318	83.910	ng	-0.02
42) 2,4,6-Tribromophenol	16.240	330	262618	169.109	ng	-0.01
45) 2-Fluorobiphenyl	13.396	172	538134	94.301	ng	-0.01
79) Terphenyl-d14	20.082	244	1432766	121.498	ng	-0.01

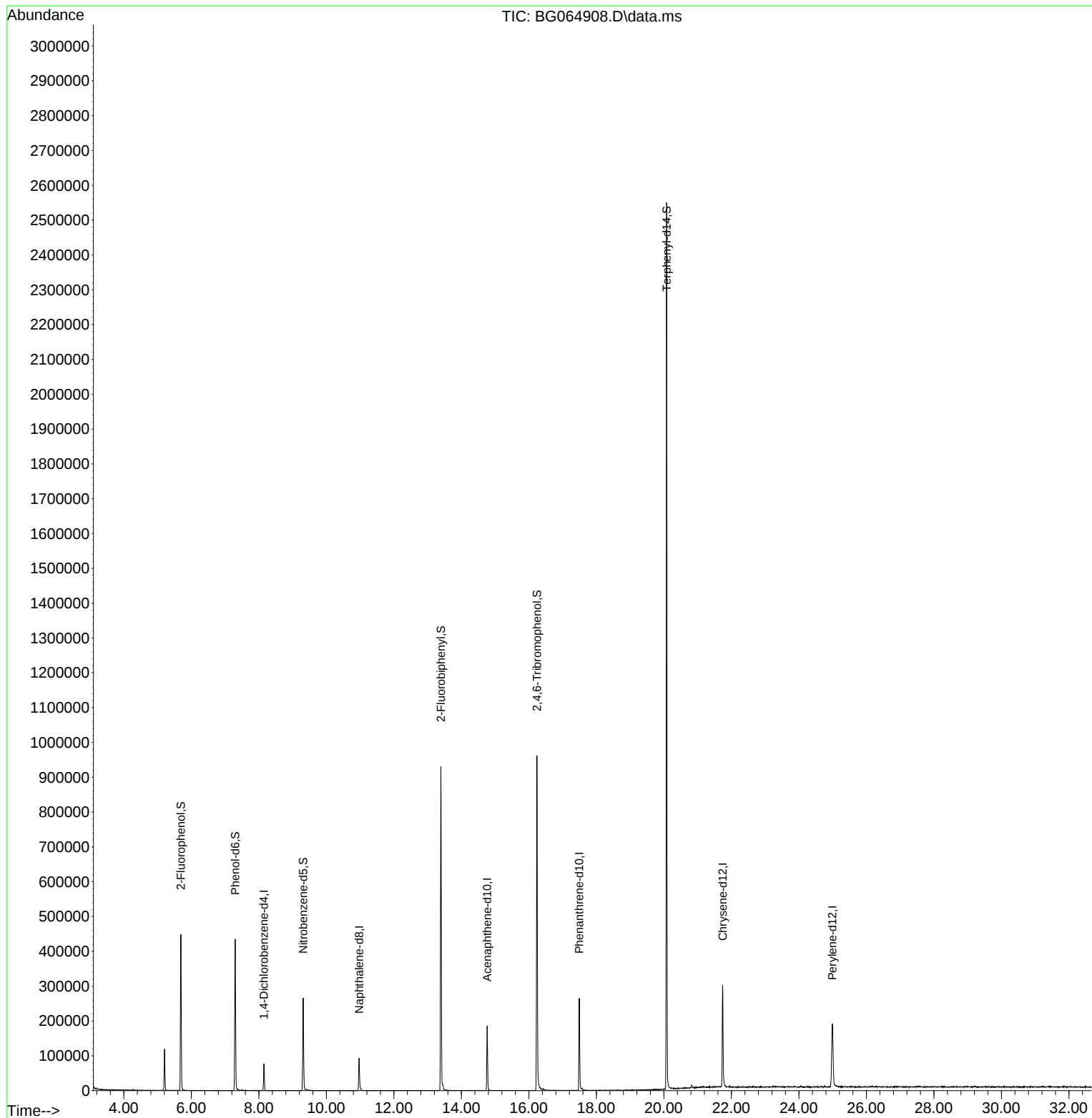
Target Compounds	Qvalue

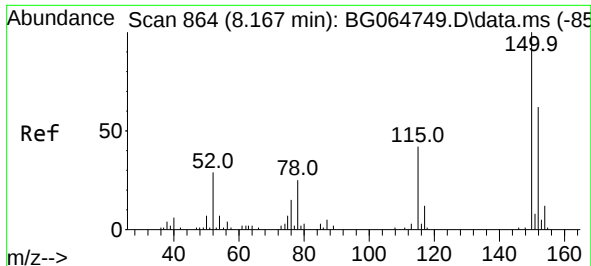
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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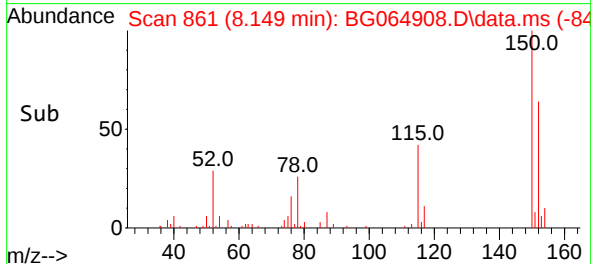
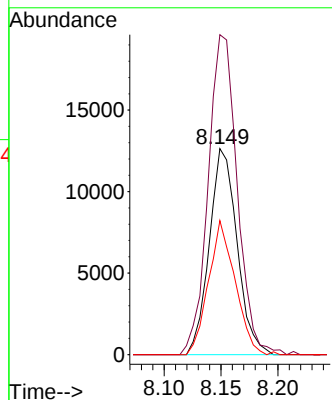
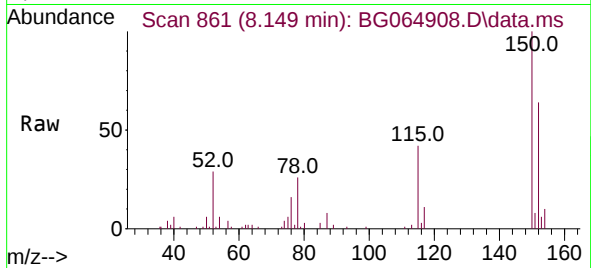




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.149 min Scan# 80
Delta R.T. -0.018 min
Lab File: BG064908.D
Acq: 9 Dec 2025 17:01

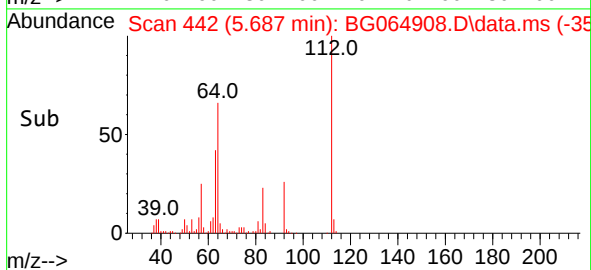
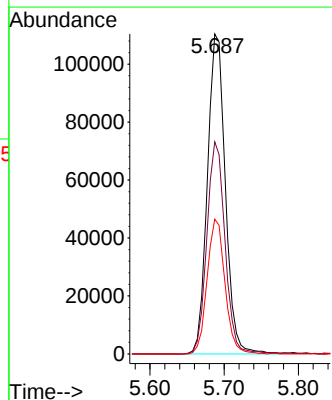
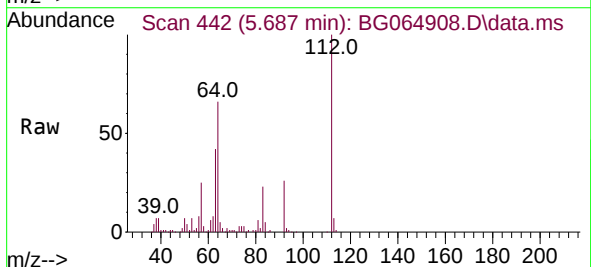
Instrument :
BNA_G
ClientSampleId :
PB170870BL

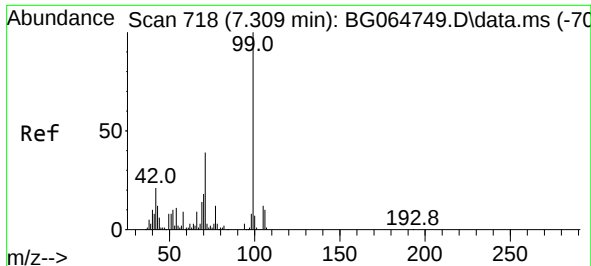
Tgt Ion:152 Resp: 21463
Ion Ratio Lower Upper
152 100
150 155.4 129.2 193.8
115 65.1 53.7 80.5



#5
2-Fluorophenol
Concen: 150.998 ng
RT: 5.687 min Scan# 442
Delta R.T. -0.012 min
Lab File: BG064908.D
Acq: 9 Dec 2025 17:01

Tgt Ion:112 Resp: 185594
Ion Ratio Lower Upper
112 100
64 66.3 61.0 91.4
63 42.1 33.3 49.9

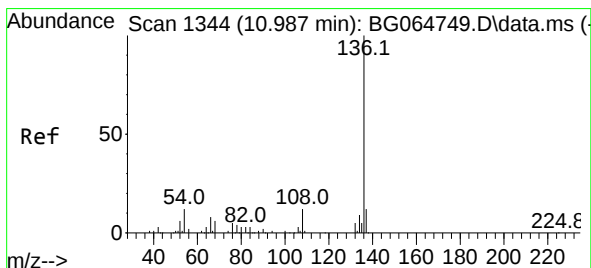
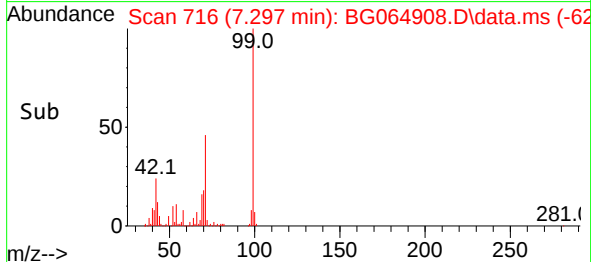
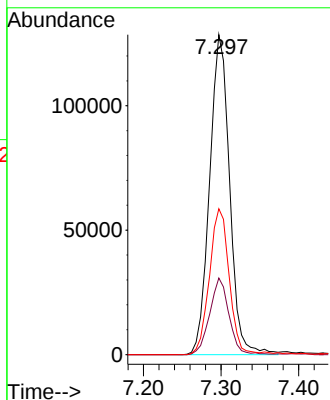
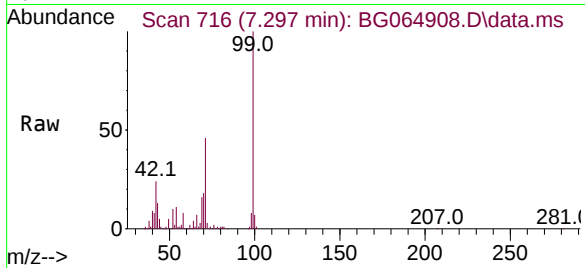




#7
Phenol-d6
Concen: 140.988 ng
RT: 7.297 min Scan# 716
Delta R.T. -0.012 min
Lab File: BG064908.D
Acq: 9 Dec 2025 17:01

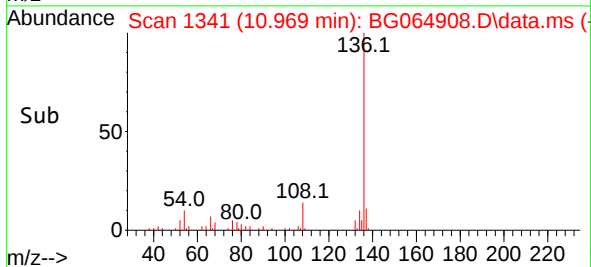
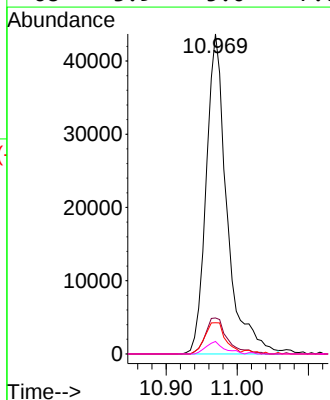
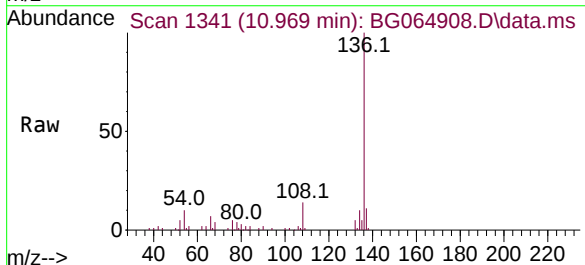
Instrument :
BNA_G
ClientSampleId :
PB170870BL

Tgt Ion: 99 Resp: 230483
Ion Ratio Lower Upper
99 100
42 23.9 16.8 25.2
71 45.6 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.969 min Scan# 1341
Delta R.T. -0.018 min
Lab File: BG064908.D
Acq: 9 Dec 2025 17:01

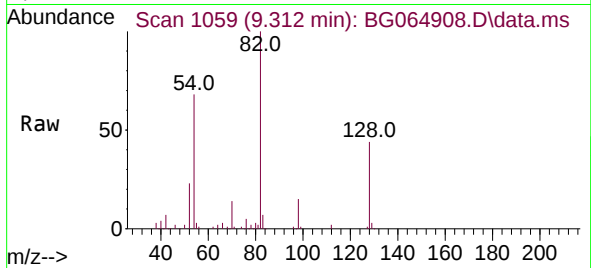
Tgt Ion: 136 Resp: 88573
Ion Ratio Lower Upper
136 100
137 11.2 9.3 13.9
54 9.7 9.3 13.9
68 3.9 5.0 7.6#



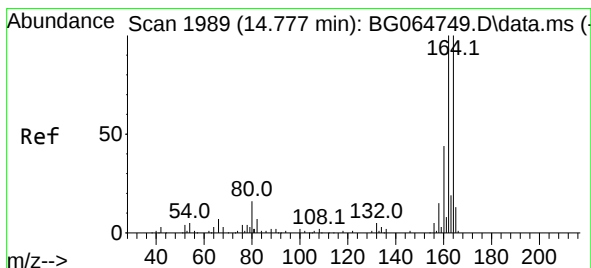
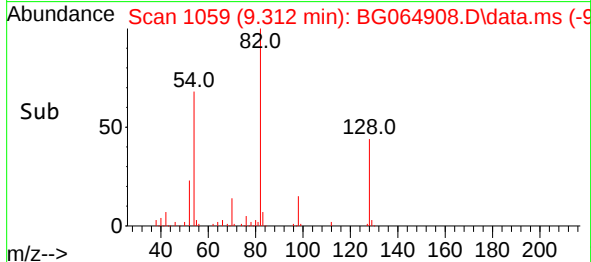
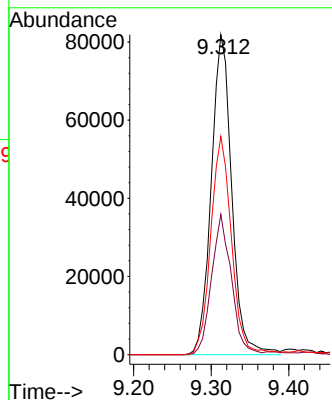


#23
Nitrobenzene-d5
Concen: 83.910 ng
RT: 9.312 min Scan# 1062
Delta R.T. -0.018 min
Lab File: BG064908.D
Acq: 9 Dec 2025 17:01

Instrument :
BNA_G
ClientSampleId :
PB170870BL

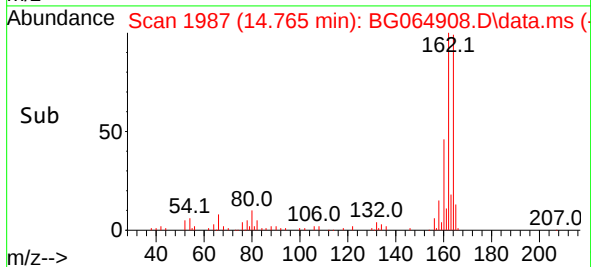
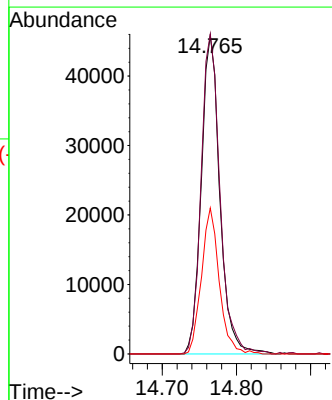
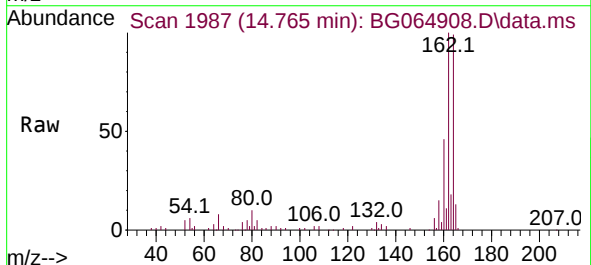


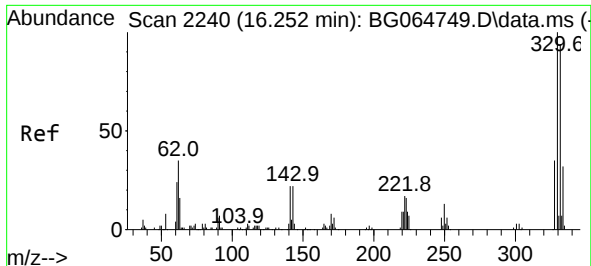
Tgt Ion: 82 Resp: 150318
Ion Ratio Lower Upper
82 100
128 43.8 34.1 51.1
54 68.2 54.3 81.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.765 min Scan# 1987
Delta R.T. -0.012 min
Lab File: BG064908.D
Acq: 9 Dec 2025 17:01

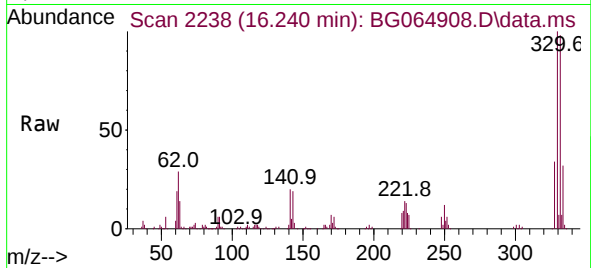
Tgt Ion: 164 Resp: 79626
Ion Ratio Lower Upper
164 100
162 100.5 79.8 119.6
160 45.8 34.9 52.3



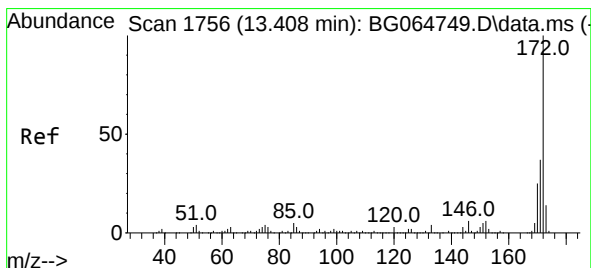
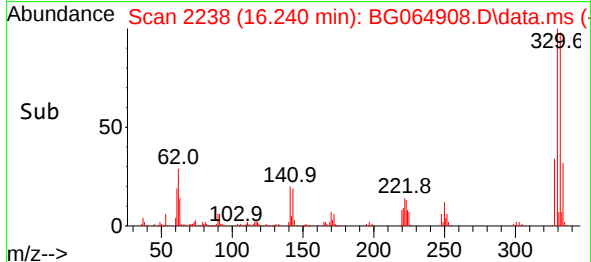
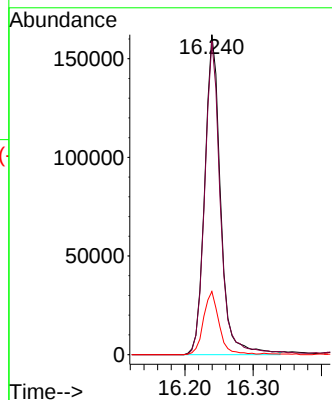


#42
 2,4,6-Tribromophenol
 Concen: 169.109 ng
 RT: 16.240 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BG064908.D
 Acq: 9 Dec 2025 17:01

Instrument :
 BNA_G
 ClientSampleId :
 PB170870BL

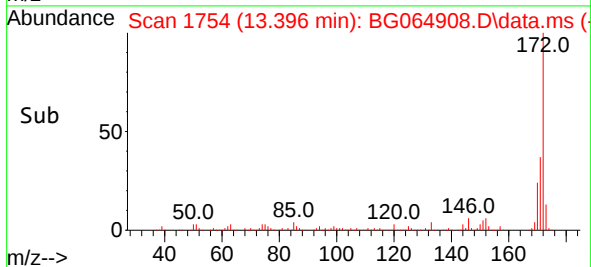
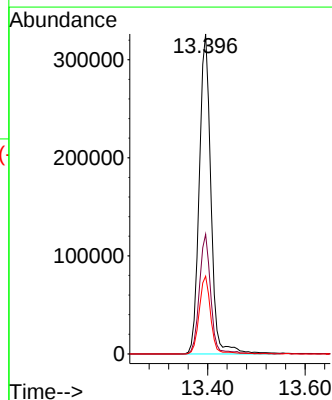
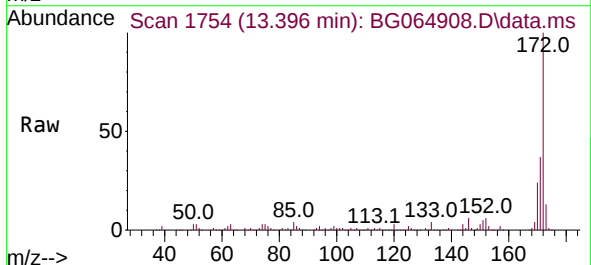


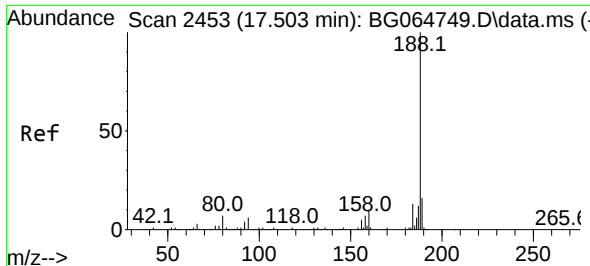
Tgt Ion:330 Resp: 262618
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 19.4 18.2 27.2



#45
 2-Fluorobiphenyl
 Concen: 94.301 ng
 RT: 13.396 min Scan# 1754
 Delta R.T. -0.012 min
 Lab File: BG064908.D
 Acq: 9 Dec 2025 17:01

Tgt Ion:172 Resp: 538134
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.9 44.9
 170 24.3 19.8 29.6

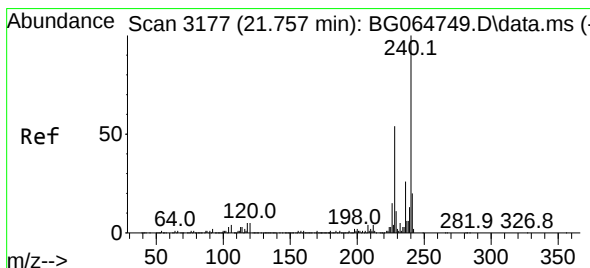
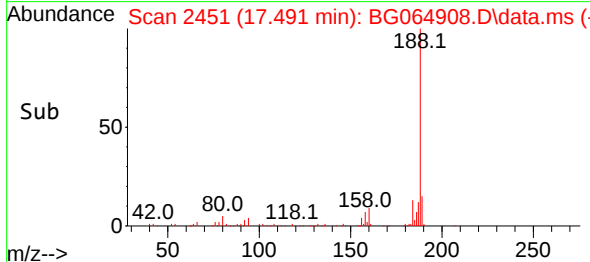
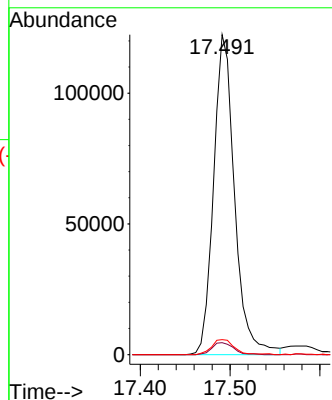
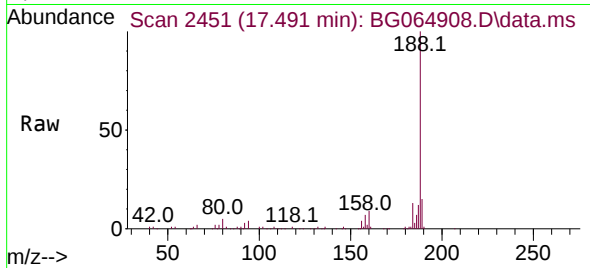




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.491 min Scan# 2453
Delta R.T. -0.012 min
Lab File: BG064908.D
Acq: 9 Dec 2025 17:01

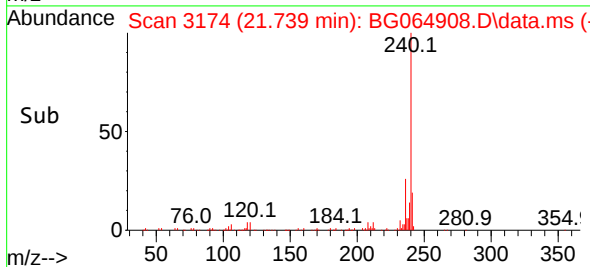
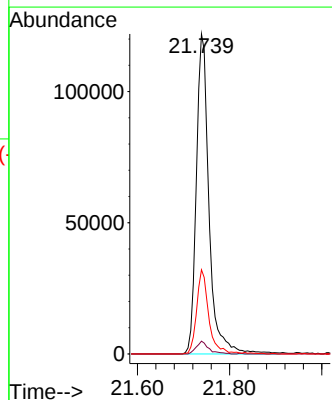
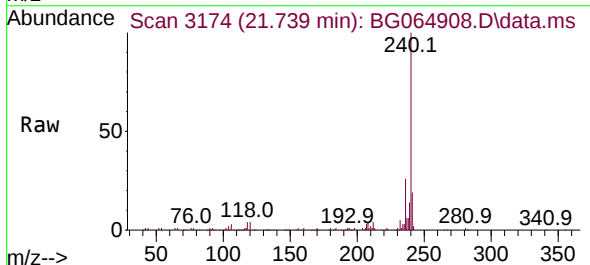
Instrument :
BNA_G
ClientSampleId :
PB170870BL

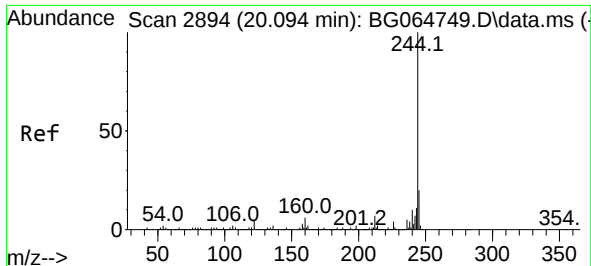
Tgt Ion:188 Resp: 199445
Ion Ratio Lower Upper
188 100
94 3.7 4.7 7.1#
80 4.7 5.4 8.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.739 min Scan# 3174
Delta R.T. -0.018 min
Lab File: BG064908.D
Acq: 9 Dec 2025 17:01

Tgt Ion:240 Resp: 231970
Ion Ratio Lower Upper
240 100
120 4.0 4.2 6.4#
236 26.3 20.8 31.2

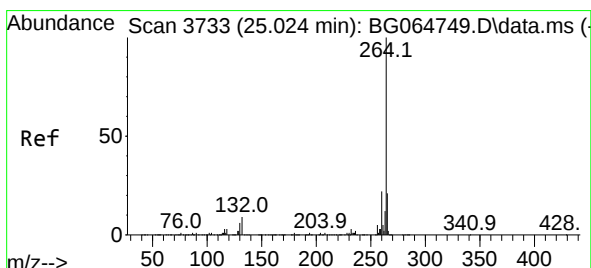
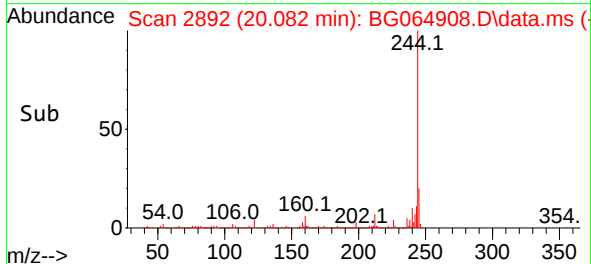
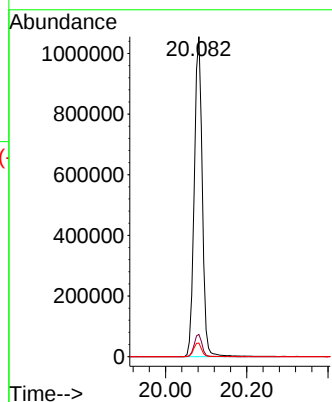
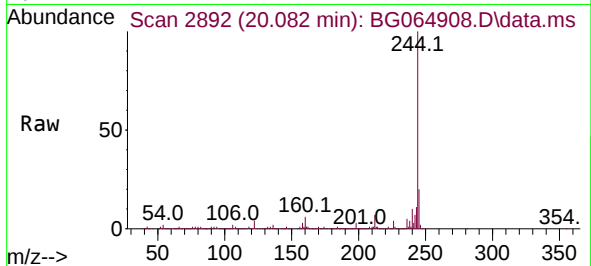




#79
 Terphenyl-d14
 Concen: 121.498 ng
 RT: 20.082 min Scan# 2894
 Delta R.T. -0.012 min
 Lab File: BG064908.D
 Acq: 9 Dec 2025 17:01

Instrument :
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Tgt Ion:244 Resp: 1432766
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 4.2 4.3 6.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.988 min Scan# 3727
 Delta R.T. -0.036 min
 Lab File: BG064908.D
 Acq: 9 Dec 2025 17:01

Tgt Ion:264 Resp: 254726
 Ion Ratio Lower Upper
 264 100
 260 24.1 17.2 25.8
 265 20.1 16.6 25.0

