

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120925\
 Data File : BG064909.D
 Acq On : 9 Dec 2025 17:41
 Operator : RC/JU
 Sample : PB170870TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170870TB

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2025
 Supervised By :Sohil Jodhani 12/12/2025

Quant Time: Dec 10 00:14:21 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	8.152	152	20536	20.000	ng	-0.01
21) Naphthalene-d8	10.973	136	77670	20.000	ng	#-0.01
39) Acenaphthene-d10	14.762	164	73436	20.000	ng	-0.01
64) Phenanthrene-d10	17.494	188	177293m	20.000	ng	0.00
76) Chrysene-d12	21.742	240	221194	20.000	ng	#-0.01
86) Perylene-d12	24.992	264	243364	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.691	112	150916	128.327	ng	0.00
7) Phenol-d6	7.295	99	195249	124.826	ng	-0.01
23) Nitrobenzene-d5	9.316	82	124297	79.124	ng	-0.01
42) 2,4,6-Tribromophenol	16.237	330	222570	155.401	ng	-0.01
45) 2-Fluorobiphenyl	13.393	172	459926	87.390	ng	-0.01
79) Terphenyl-d14	20.080	244	1160309	103.187	ng	-0.01

Target Compounds Qvalue

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

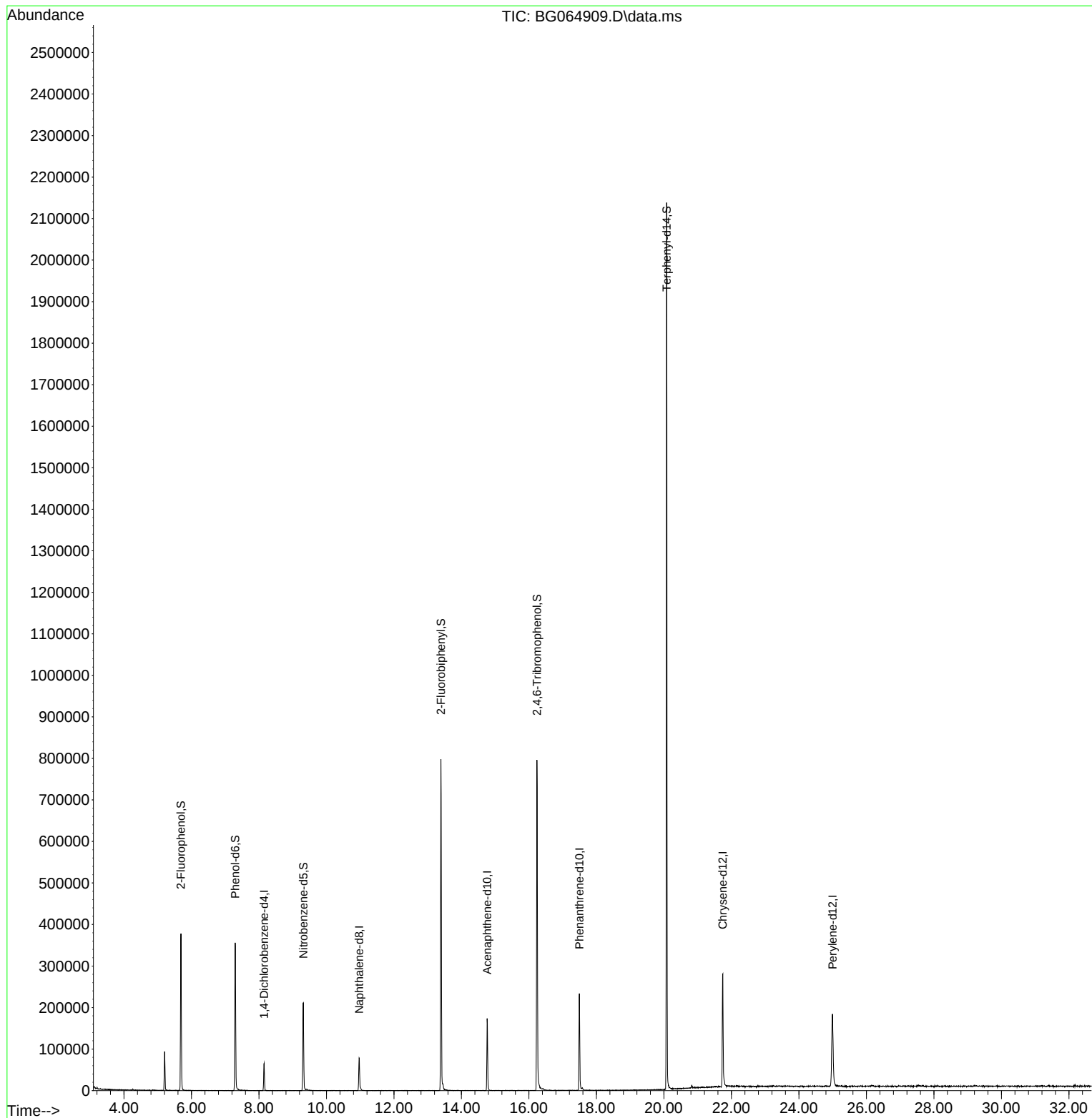
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120925\
Data File : BG064909.D
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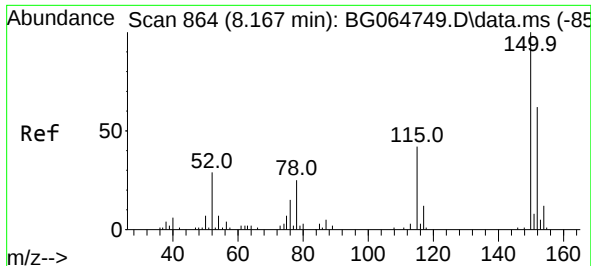
Instrument :
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Quant Time: Dec 10 00:14:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
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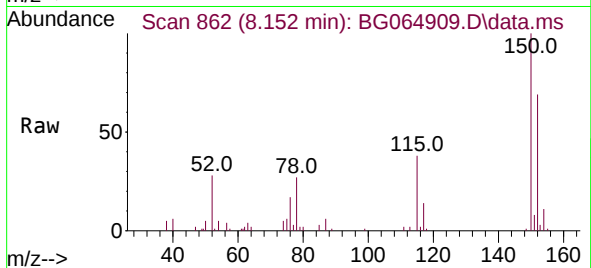
Reviewed By :Jagrut Upadhyay 12/10/2025
Supervised By :Sohil Jodhani 12/12/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.152 min Scan# 862
Delta R.T. -0.014 min
Lab File: BG064909.D
Acq: 9 Dec 2025 17:41

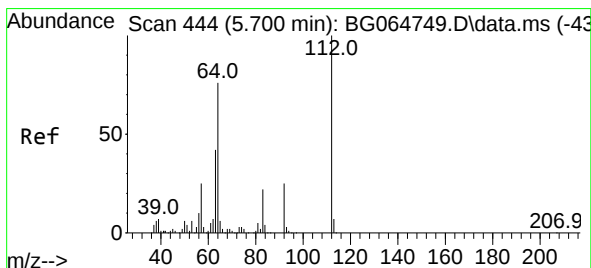
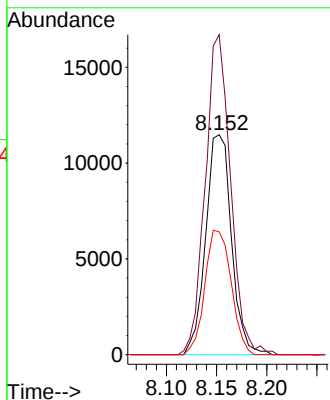
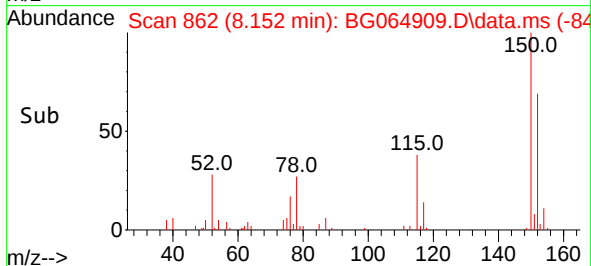
Instrument :
BNA_G
ClientSampleId :
PB170870TB



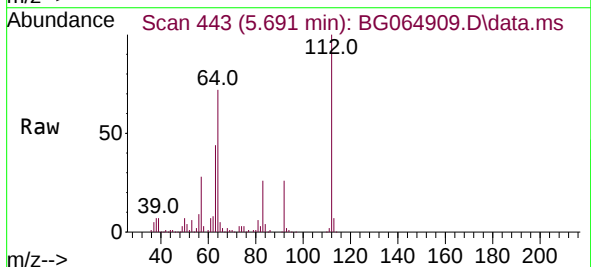
Tgt Ion:152 Resp: 20536
Ion Ratio Lower Upper
152 100
150 145.5 129.2 193.8
115 55.8 53.7 80.5

Manual Integrations
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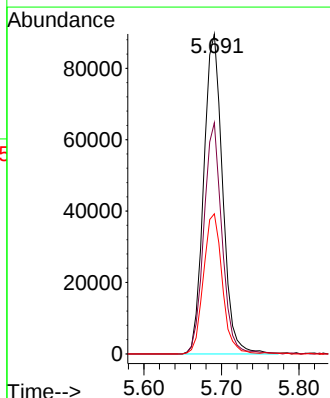
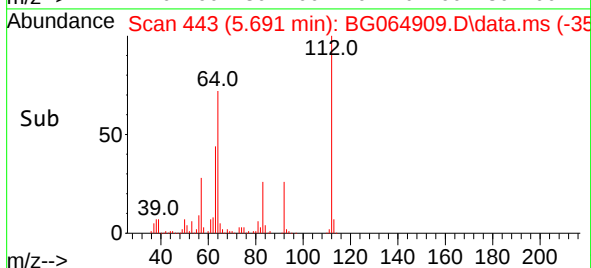
Reviewed By :Jagrut Upadhyay 12/10/2025
Supervised By :Sohil Jodhani 12/12/2025

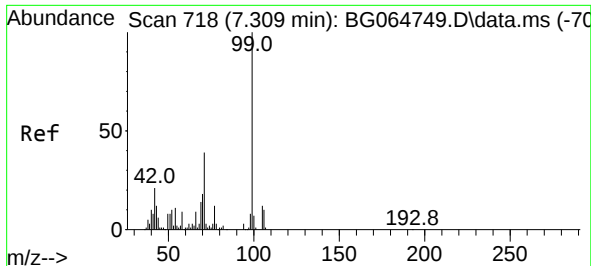


#5
2-Fluorophenol
Concen: 128.327 ng
RT: 5.691 min Scan# 443
Delta R.T. -0.009 min
Lab File: BG064909.D
Acq: 9 Dec 2025 17:41



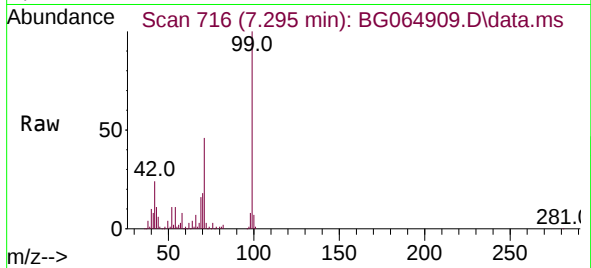
Tgt Ion:112 Resp: 150916
Ion Ratio Lower Upper
112 100
64 72.2 61.0 91.4
63 43.8 33.3 49.9





#7
Phenol-d6
Concen: 124.826 ng
RT: 7.295 min Scan# 718
Delta R.T. -0.015 min
Lab File: BG064909.D
Acq: 9 Dec 2025 17:41

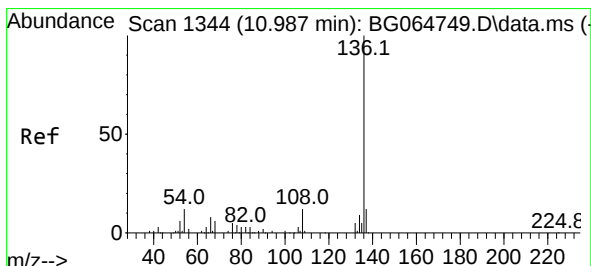
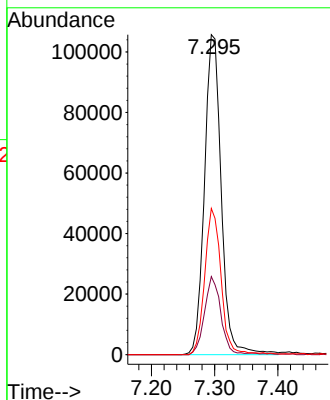
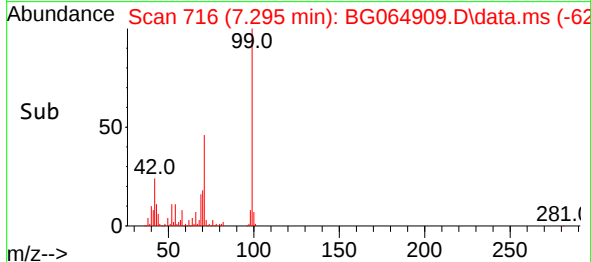
Instrument :
BNA_G
ClientSampleId :
PB170870TB



Tgt Ion: 99 Resp: 195249
Ion Ratio Lower Upper
99 100
42 24.4 16.8 25.2
71 45.7 31.1 46.7

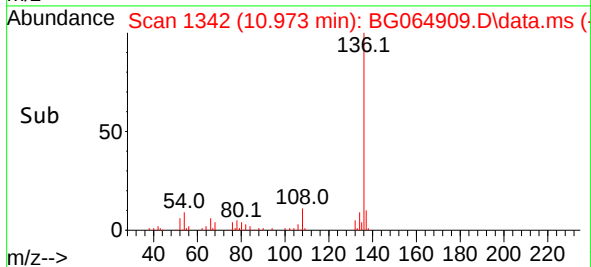
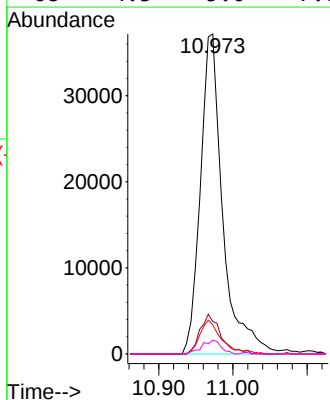
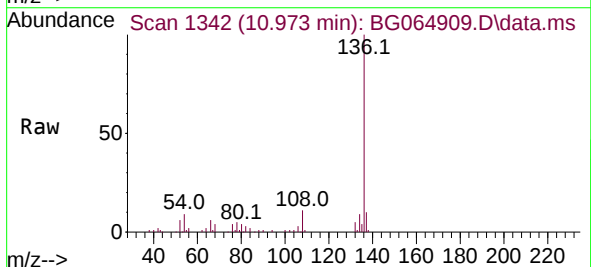
Manual Integrations
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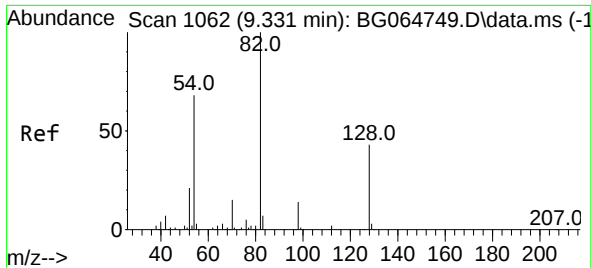
Reviewed By :Jagrut Upadhyay 12/10/2025
Supervised By :Sohil Jodhani 12/12/2025



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.973 min Scan# 1342
Delta R.T. -0.014 min
Lab File: BG064909.D
Acq: 9 Dec 2025 17:41

Tgt Ion:136 Resp: 77670
Ion Ratio Lower Upper
136 100
137 10.1 9.3 13.9
54 9.1 9.3 13.9#
68 4.3 5.0 7.6#





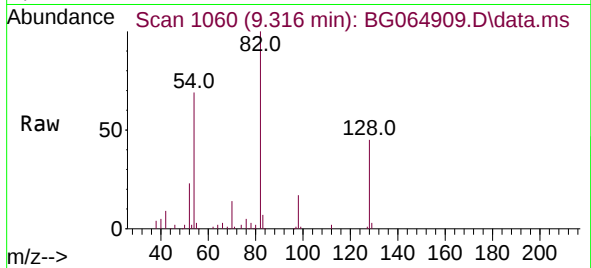
#23
Nitrobenzene-d5
Concen: 79.124 ng
RT: 9.316 min Scan# 1060
Delta R.T. -0.015 min
Lab File: BG064909.D
Acq: 9 Dec 2025 17:41

Instrument :

BNA_G

ClientSampleId :

PB170870TB

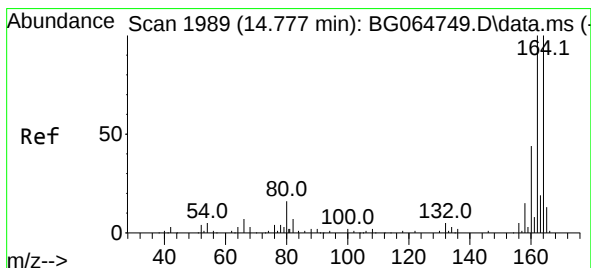
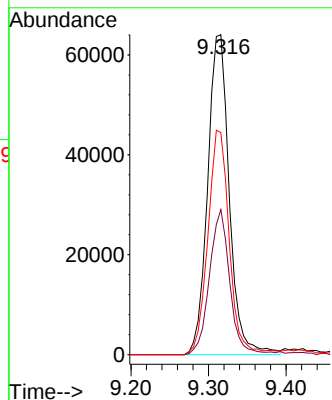
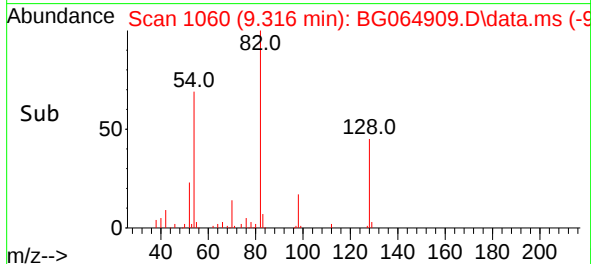


Tgt Ion: 82 Resp: 124297
Ion Ratio Lower Upper
82 100
128 45.3 34.1 51.1
54 69.4 54.3 81.5

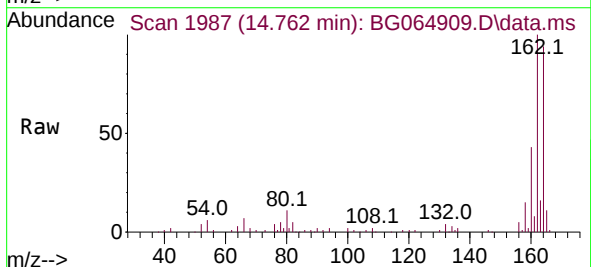
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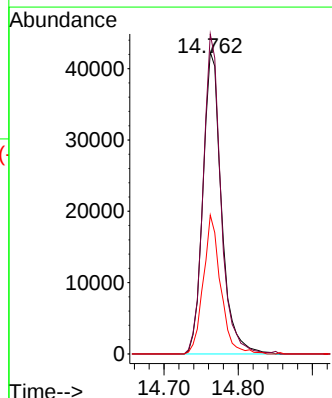
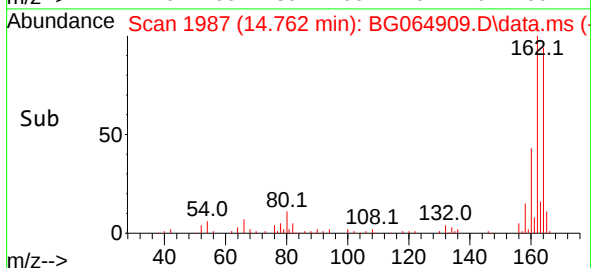
Reviewed By :Jagrut Upadhyay 12/10/2025
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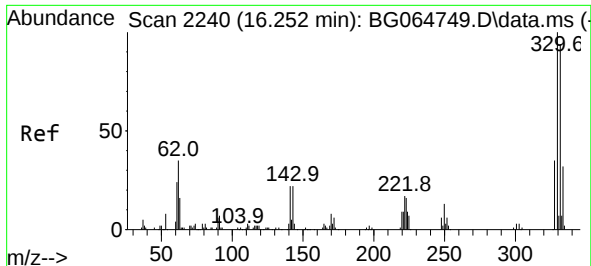


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.762 min Scan# 1987
Delta R.T. -0.015 min
Lab File: BG064909.D
Acq: 9 Dec 2025 17:41



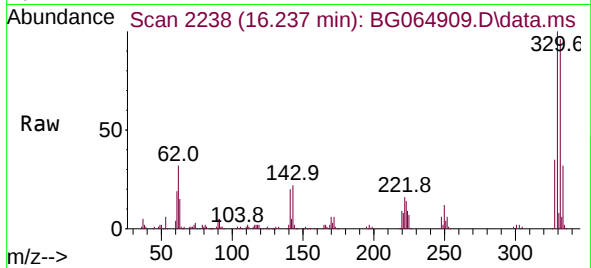
Tgt Ion:164 Resp: 73436
Ion Ratio Lower Upper
164 100
162 106.0 79.8 119.6
160 46.0 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 155.401 ng
RT: 16.237 min Scan# 2240
Delta R.T. -0.015 min
Lab File: BG064909.D
Acq: 9 Dec 2025 17:41

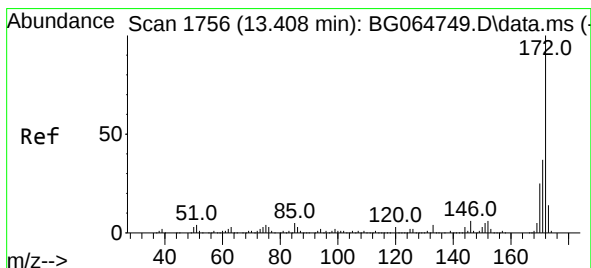
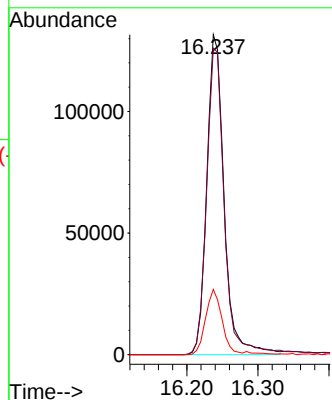
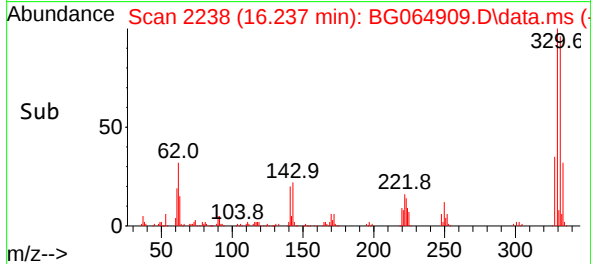
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BNA_G
ClientSampleId :
PB170870TB



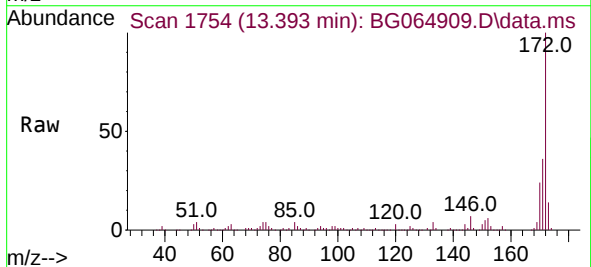
Tgt Ion: 330 Resp: 222570
Ion Ratio Lower Upper
330 100
332 98.6 77.0 115.6
141 19.2 18.2 27.2

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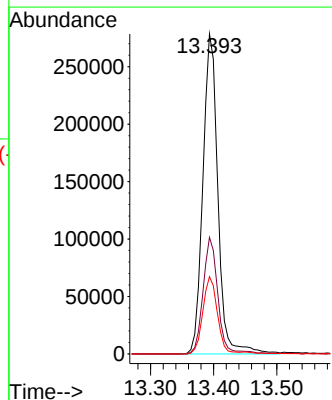
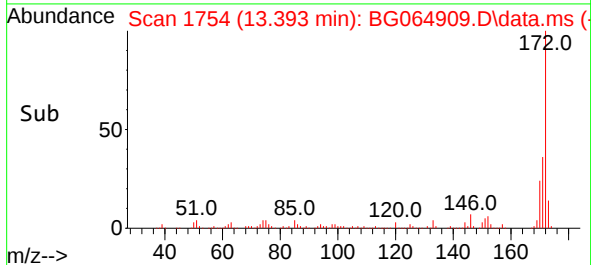
Reviewed By :Jagrut Upadhyay 12/10/2025
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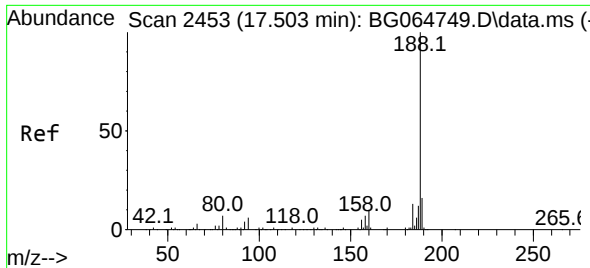


#45
2-Fluorobiphenyl
Concen: 87.390 ng
RT: 13.393 min Scan# 1754
Delta R.T. -0.015 min
Lab File: BG064909.D
Acq: 9 Dec 2025 17:41



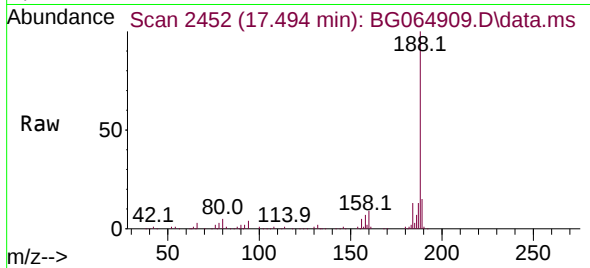
Tgt Ion: 172 Resp: 459926
Ion Ratio Lower Upper
172 100
171 36.4 29.9 44.9
170 24.1 19.8 29.6





#64
Phenanthrene-d10
Concen: 20.000 ng m
RT: 17.494 min Scan# 2453
Delta R.T. -0.009 min
Lab File: BG064909.D
Acq: 9 Dec 2025 17:41

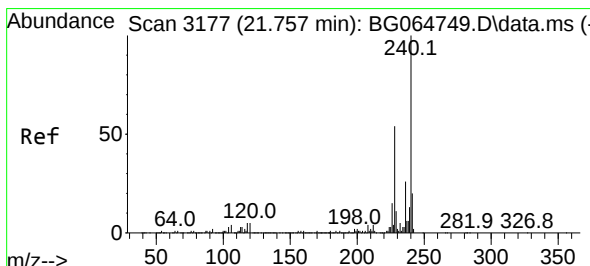
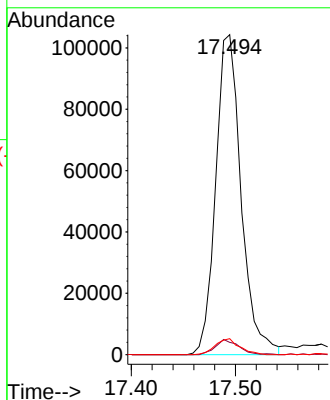
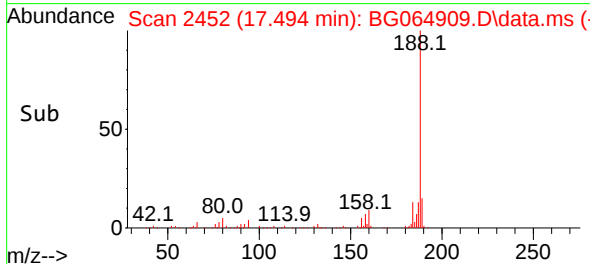
Instrument :
BNA_G
ClientSampleId :
PB170870TB



Tgt Ion:188 Resp: 177293
Ion Ratio Lower Upper
188 100
94 3.9 4.7 7.1#
80 5.0 5.4 8.2#

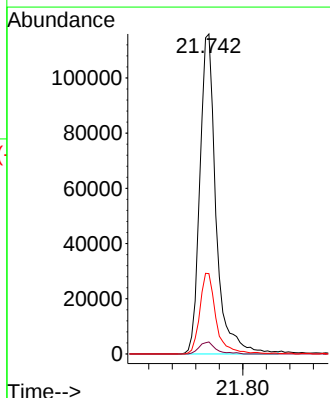
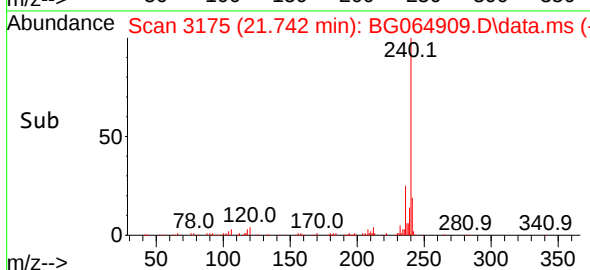
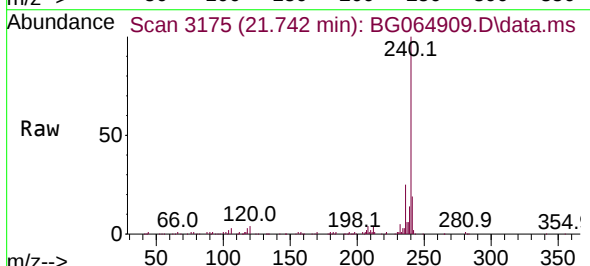
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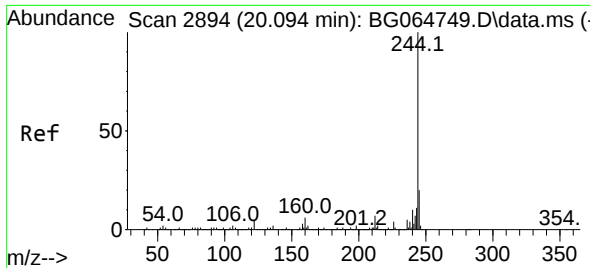
Reviewed By :Jagrut Upadhyay 12/10/2025
Supervised By :Sohil Jodhani 12/12/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.742 min Scan# 3175
Delta R.T. -0.015 min
Lab File: BG064909.D
Acq: 9 Dec 2025 17:41

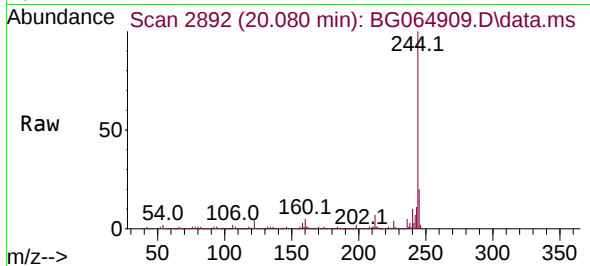
Tgt Ion:240 Resp: 221194
Ion Ratio Lower Upper
240 100
120 3.7 4.2 6.4#
236 25.1 20.8 31.2





#79
 Terphenyl-d14
 Concen: 103.187 ng
 RT: 20.080 min Scan# 2892
 Delta R.T. -0.015 min
 Lab File: BG064909.D
 Acq: 9 Dec 2025 17:41

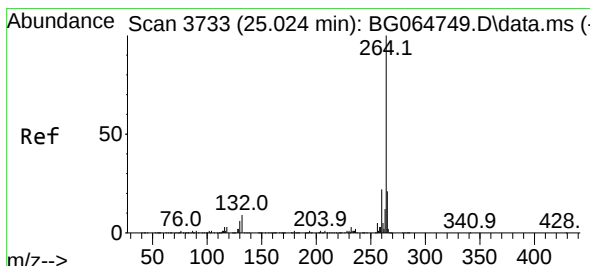
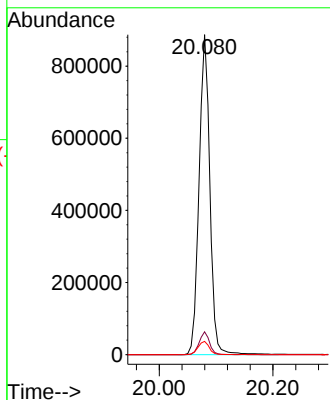
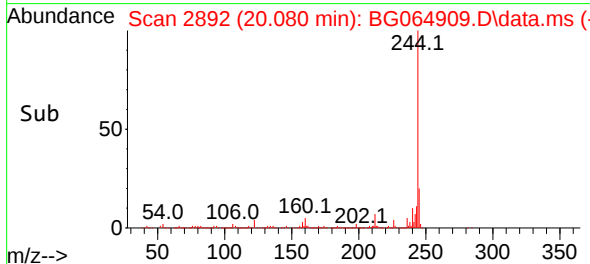
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Tgt Ion:244 Resp: 1160309
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 4.1 4.3 6.5

Manual Integrations
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.992 min Scan# 3728
 Delta R.T. -0.032 min
 Lab File: BG064909.D
 Acq: 9 Dec 2025 17:41

Tgt Ion:264 Resp: 243364
 Ion Ratio Lower Upper
 264 100
 260 23.0 17.2 25.8
 265 20.8 16.6 25.0

