

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121025\
 Data File : BG064918.D
 Acq On : 10 Dec 2025 12:58
 Operator : RC/JU
 Sample : PB170885BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170885BL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/11/2025
 Supervised By :Sohil Jodhani 12/12/2025

Quant Time: Dec 10 13:34:23 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	8.146	152	22318	20.000	ng	-0.02
21) Naphthalene-d8	10.966	136	87601	20.000	ng	#-0.02
39) Acenaphthene-d10	14.768	164	79184	20.000	ng	0.00
64) Phenanthrene-d10	17.494	188	213356m	20.000	ng	0.00
76) Chrysene-d12	21.748	240	278673	20.000	ng	# 0.00
86) Perylene-d12	25.009	264	302395	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	142232	111.286	ng	-0.02
7) Phenol-d6	7.294	99	178578	105.052	ng	-0.02
23) Nitrobenzene-d5	9.309	82	114380	64.557	ng	-0.02
42) 2,4,6-Tribromophenol	16.243	330	202818	131.331	ng	0.00
45) 2-Fluorobiphenyl	13.399	172	398659m	70.250	ng	0.00
79) Terphenyl-d14	20.085	244	1180137	83.303	ng	0.00

Target Compounds Qvalue

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

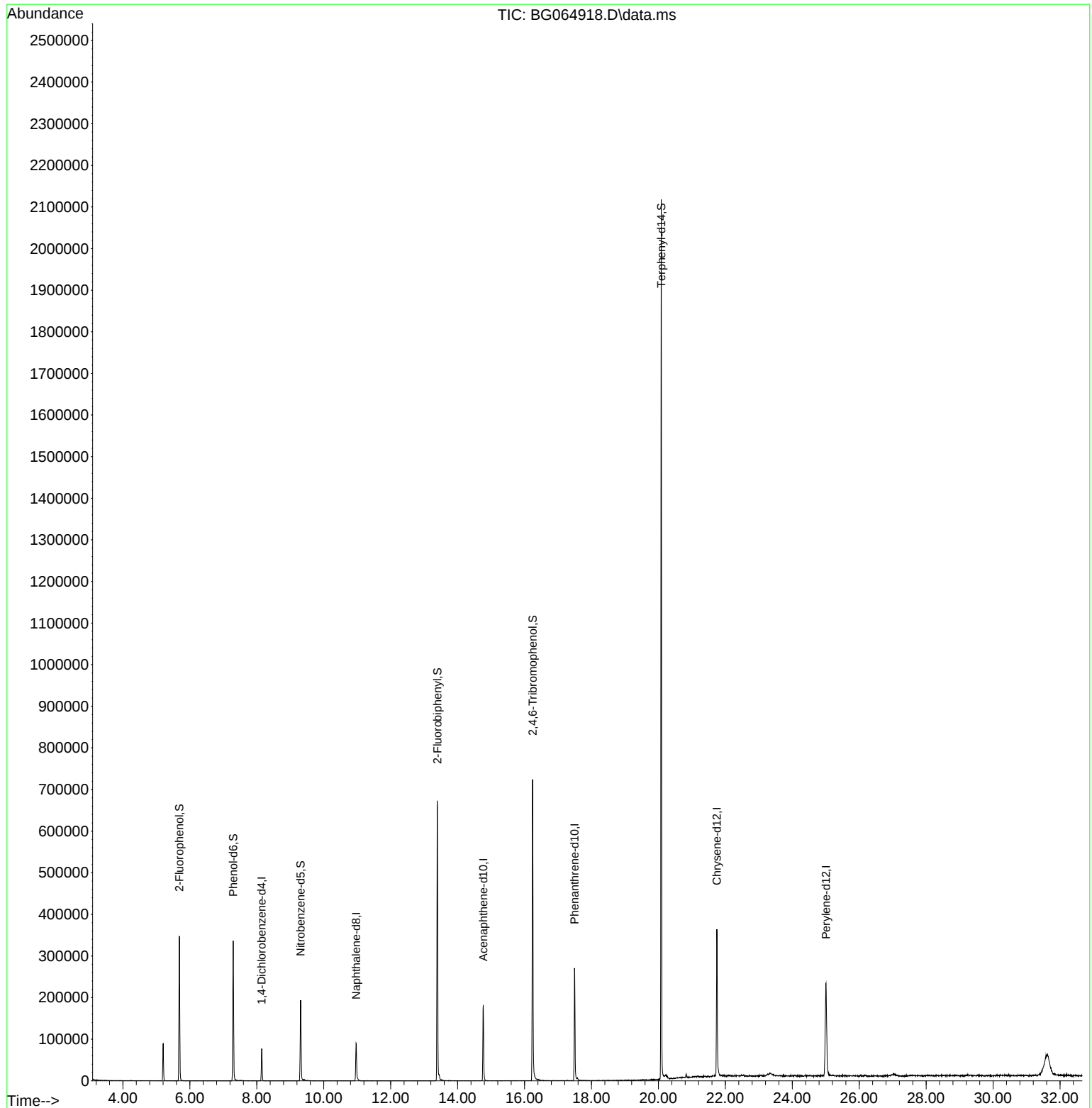
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121025\
Data File : BG064918.D
Acq On : 10 Dec 2025 12:58
Operator : RC/JU
Sample : PB170885BL
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ALS Vial : 3 Sample Multiplier: 1

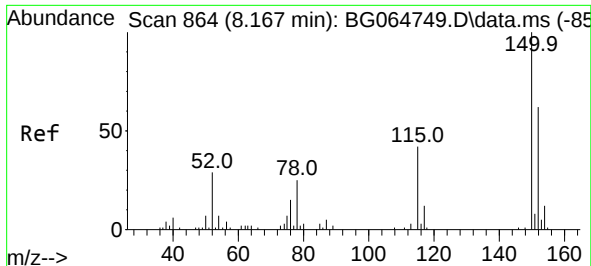
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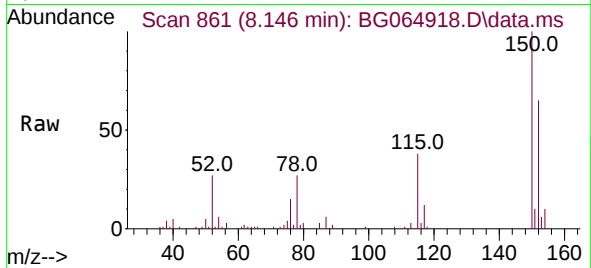
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.146 min Scan# 80
Delta R.T. -0.021 min
Lab File: BG064918.D
Acq: 10 Dec 2025 12:58

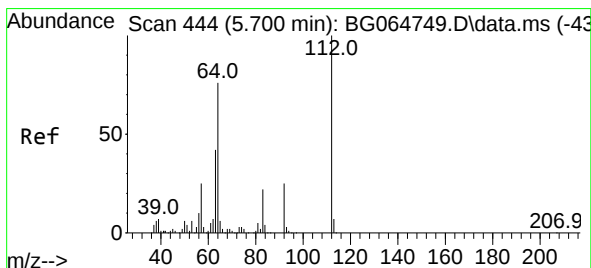
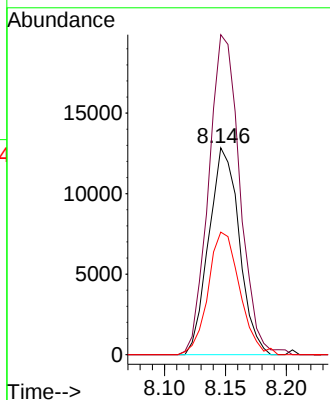
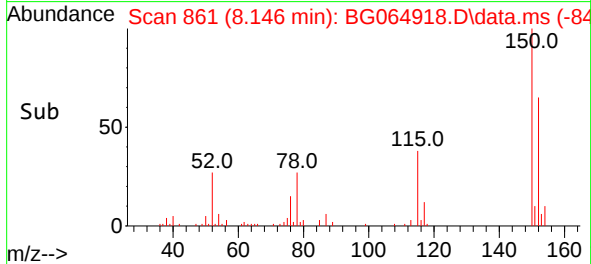
Instrument :
BNA_G
ClientSampleId :
PB170885BL



Tgt Ion:152 Resp: 22318
Ion Ratio Lower Upper
152 100
150 154.8 129.2 193.8
115 59.2 53.7 80.5

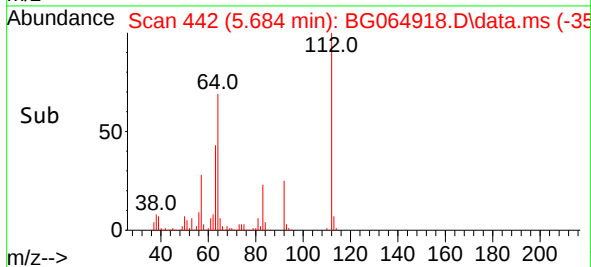
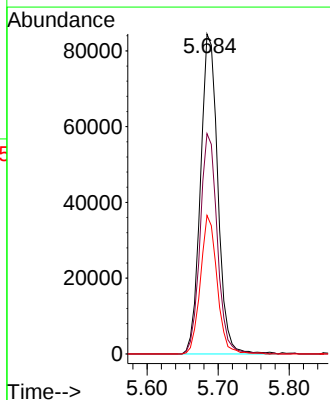
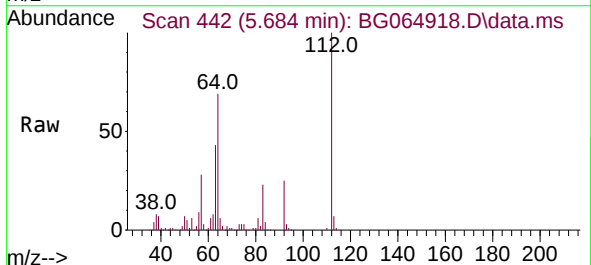
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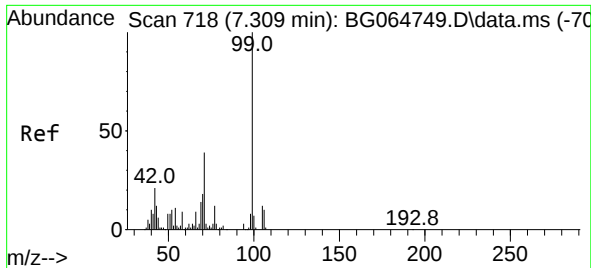
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025



#5
2-Fluorophenol
Concen: 111.286 ng
RT: 5.684 min Scan# 442
Delta R.T. -0.015 min
Lab File: BG064918.D
Acq: 10 Dec 2025 12:58

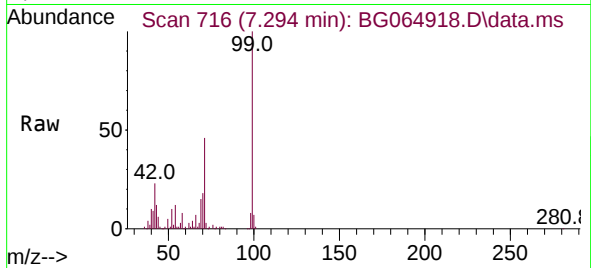
Tgt Ion:112 Resp: 142232
Ion Ratio Lower Upper
112 100
64 68.8 61.0 91.4
63 43.3 33.3 49.9





#7
Phenol-d6
Concen: 105.052 ng
RT: 7.294 min Scan# 718
Delta R.T. -0.015 min
Lab File: BG064918.D
Acq: 10 Dec 2025 12:58

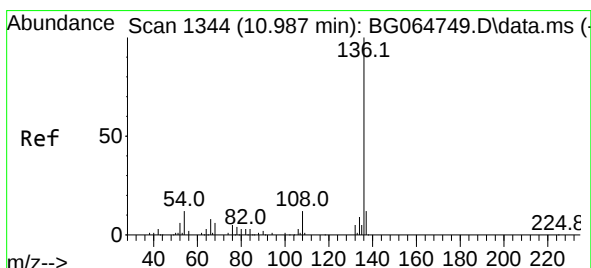
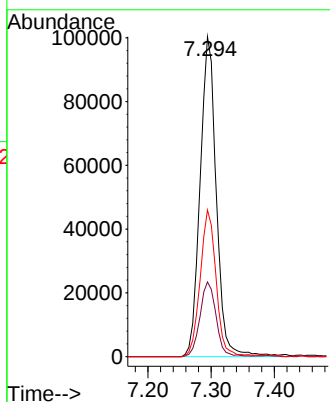
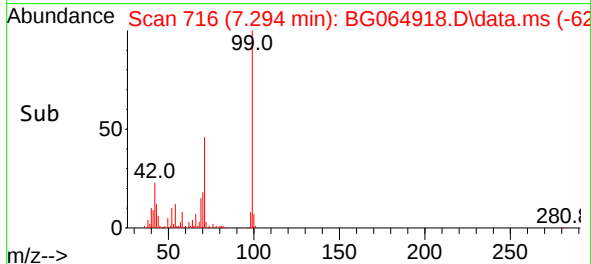
Instrument :
BNA_G
ClientSampleId :
PB170885BL



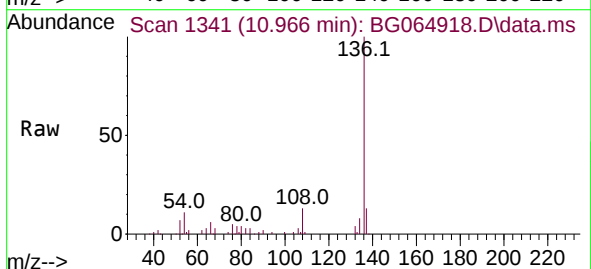
Tgt Ion: 99 Resp: 178578
Ion Ratio Lower Upper
99 100
42 23.3 16.8 25.2
71 45.8 31.1 46.7

Manual Integrations
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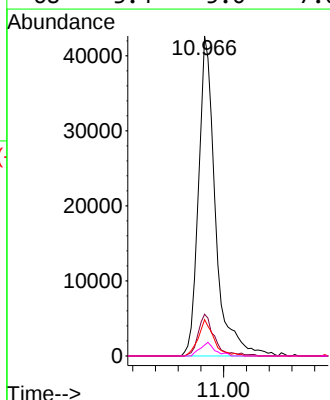
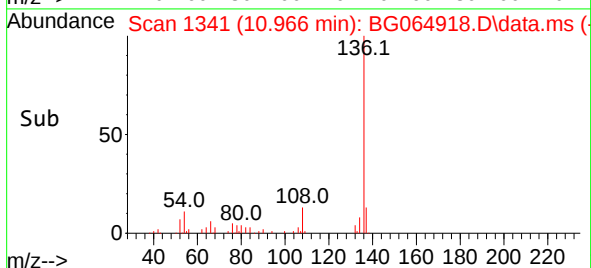
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025

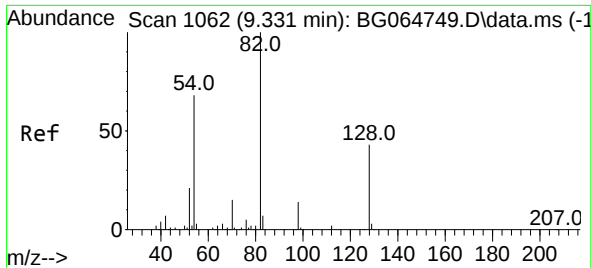


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.966 min Scan# 1341
Delta R.T. -0.021 min
Lab File: BG064918.D
Acq: 10 Dec 2025 12:58



Tgt Ion:136 Resp: 87601
Ion Ratio Lower Upper
136 100
137 13.0 9.3 13.9
54 11.3 9.3 13.9
68 3.4 5.0 7.6#





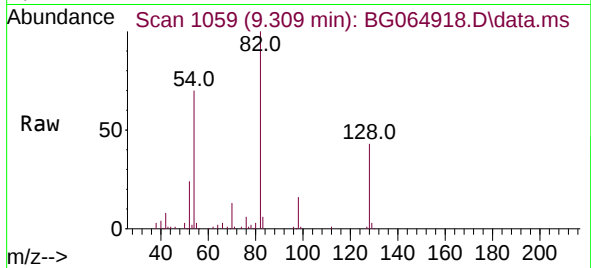
#23
Nitrobenzene-d5
Concen: 64.557 ng
RT: 9.309 min Scan# 1062
Delta R.T. -0.021 min
Lab File: BG064918.D
Acq: 10 Dec 2025 12:58

Instrument :

BNA_G

ClientSampleId :

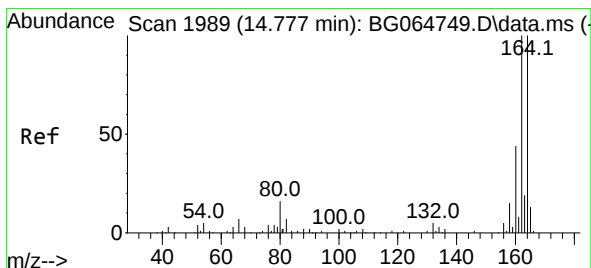
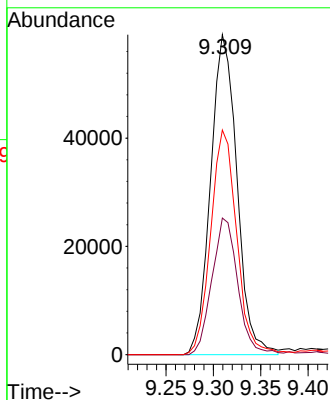
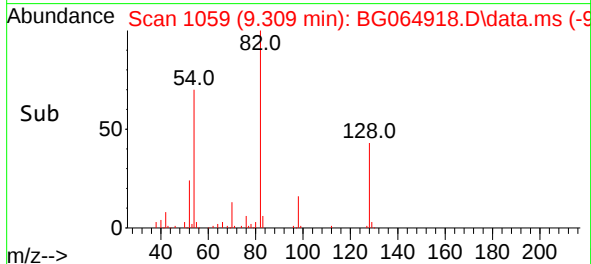
PB170885BL



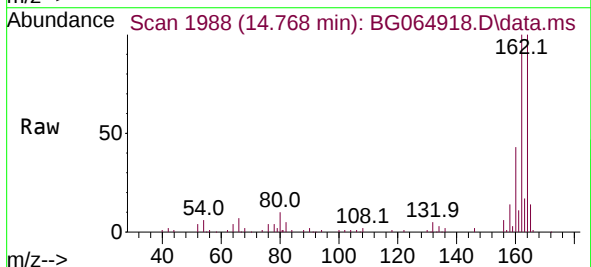
Tgt Ion: 82 Resp: 114380
Ion Ratio Lower Upper
82 100
128 42.7 34.1 51.1
54 70.2 54.3 81.5

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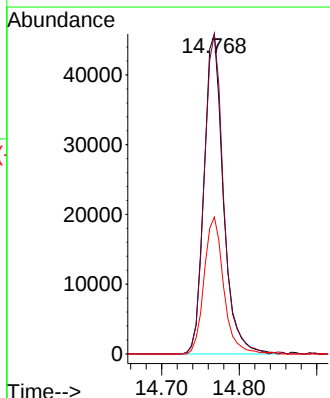
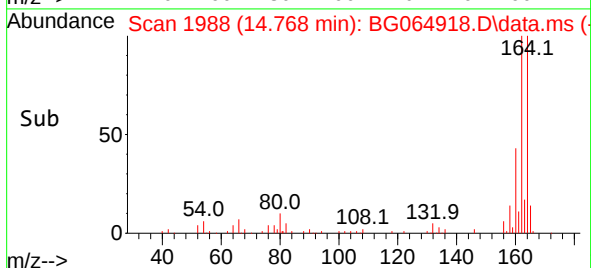
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025

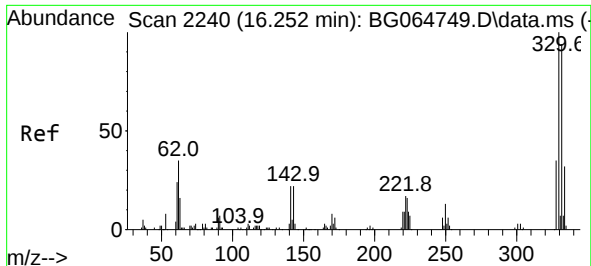


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.768 min Scan# 1988
Delta R.T. -0.009 min
Lab File: BG064918.D
Acq: 10 Dec 2025 12:58



Tgt Ion:164 Resp: 79184
Ion Ratio Lower Upper
164 100
162 99.8 79.8 119.6
160 42.8 34.9 52.3





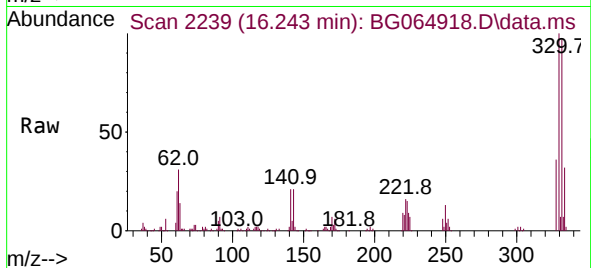
#42
2,4,6-Tribromophenol
Concen: 131.331 ng
RT: 16.243 min Scan# 2240
Delta R.T. -0.009 min
Lab File: BG064918.D
Acq: 10 Dec 2025 12:58

Instrument :

BNA_G

ClientSampleId :

PB170885BL

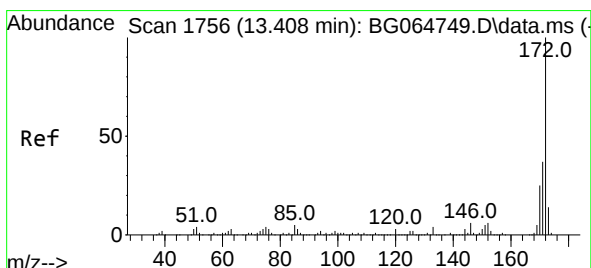
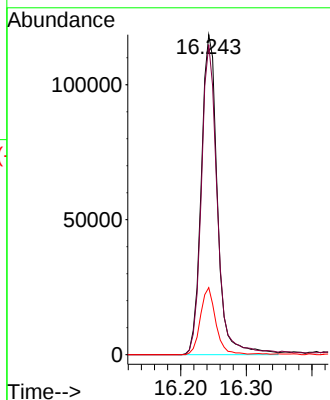
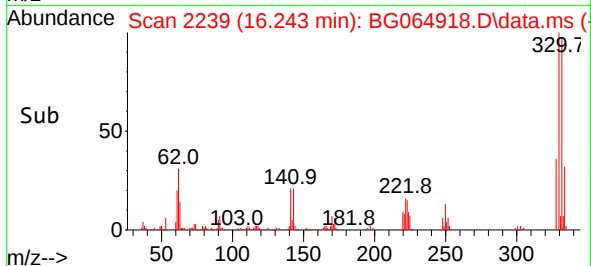


Tgt Ion:330 Resp: 202818
Ion Ratio Lower Upper
330 100
332 95.5 77.0 115.6
141 19.7 18.2 27.2

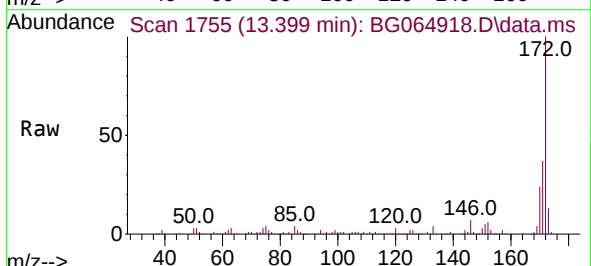
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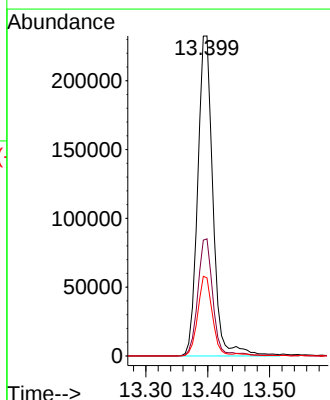
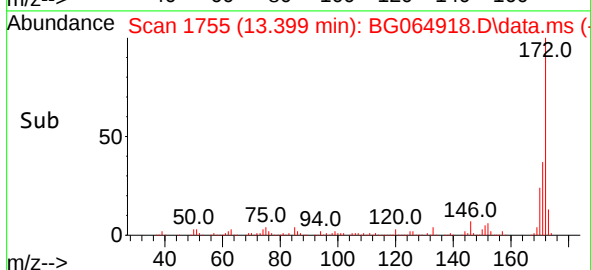
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025

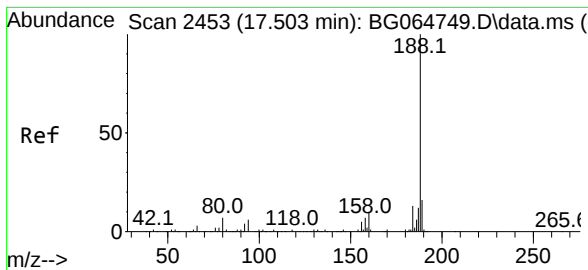


#45
2-Fluorobiphenyl
Concen: 70.250 ng m
RT: 13.399 min Scan# 1755
Delta R.T. -0.009 min
Lab File: BG064918.D
Acq: 10 Dec 2025 12:58



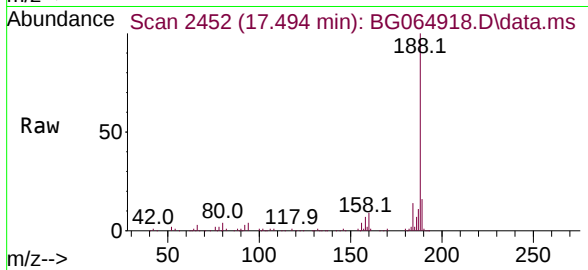
Tgt Ion:172 Resp: 398659
Ion Ratio Lower Upper
172 100
171 36.6 29.9 44.9
170 24.4 19.8 29.6





#64
Phenanthrene-d10
Concen: 20.000 ng m
RT: 17.494 min Scan# 2453
Delta R.T. -0.009 min
Lab File: BG064918.D
Acq: 10 Dec 2025 12:58

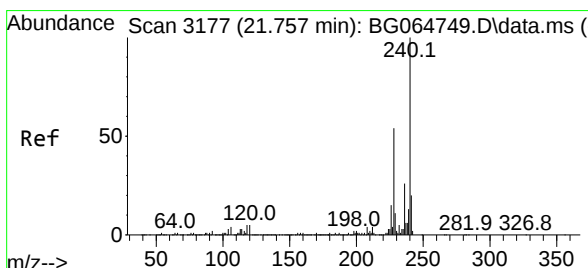
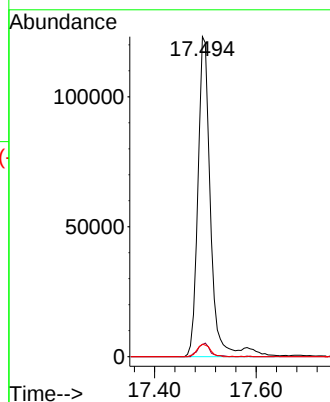
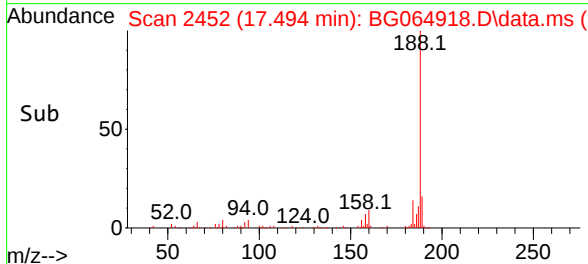
Instrument :
BNA_G
ClientSampleId :
PB170885BL



Tgt Ion:188 Resp: 213356
Ion Ratio Lower Upper
188 100
94 3.8 4.7 7.1#
80 3.9 5.4 8.2#

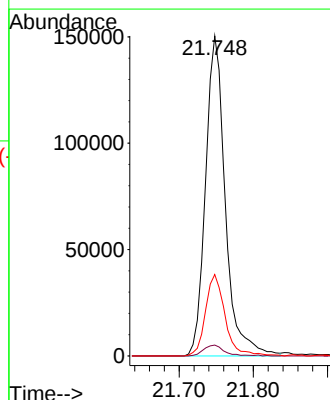
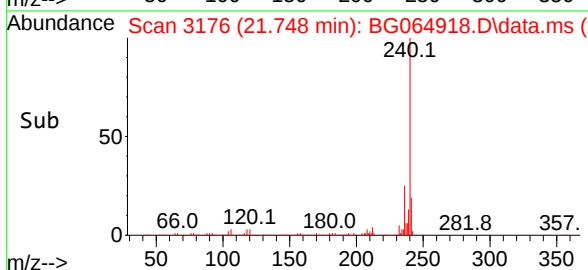
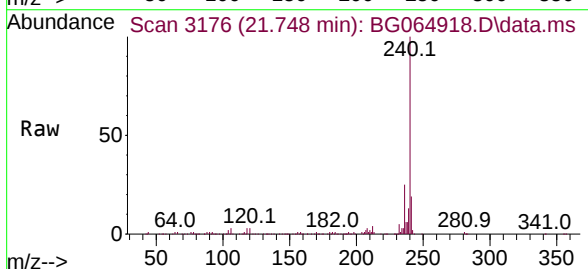
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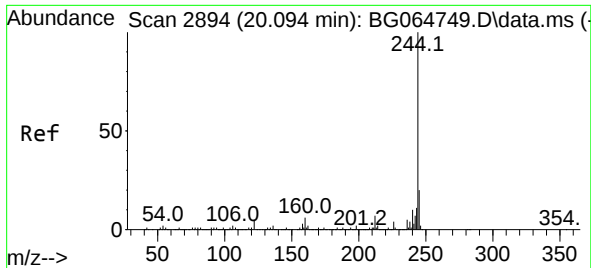
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.748 min Scan# 3176
Delta R.T. -0.009 min
Lab File: BG064918.D
Acq: 10 Dec 2025 12:58

Tgt Ion:240 Resp: 278673
Ion Ratio Lower Upper
240 100
120 3.4 4.2 6.4#
236 25.4 20.8 31.2





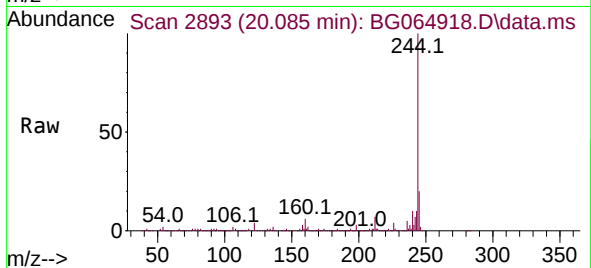
#79
Terphenyl-d14
Concen: 83.303 ng
RT: 20.085 min Scan# 2893
Delta R.T. -0.009 min
Lab File: BG064918.D
Acq: 10 Dec 2025 12:58

Instrument :

BNA_G

ClientSampleId :

PB170885BL

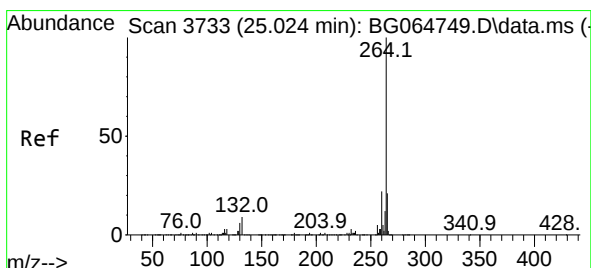
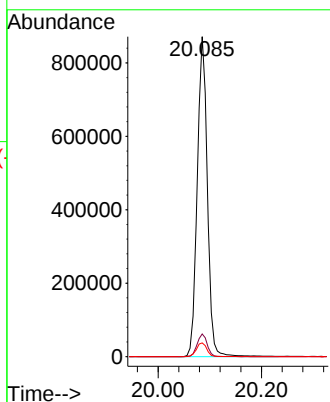
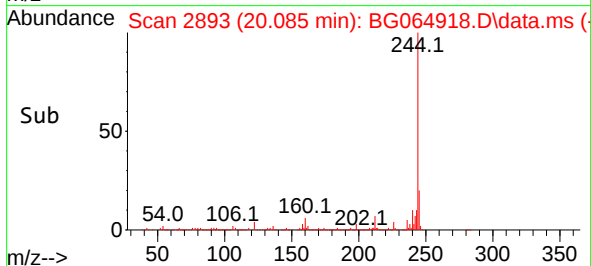


Tgt Ion:244 Resp: 1180137
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 4.3 4.3 6.5

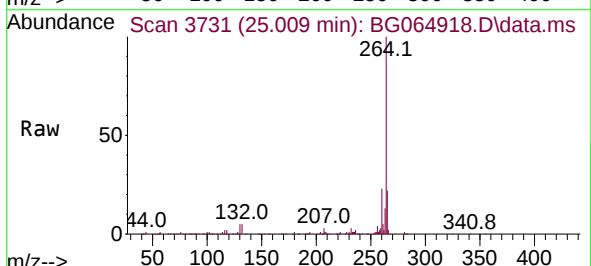
Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.009 min Scan# 3731
Delta R.T. -0.015 min
Lab File: BG064918.D
Acq: 10 Dec 2025 12:58



Tgt Ion:264 Resp: 302395
Ion Ratio Lower Upper
264 100
260 23.3 17.2 25.8
265 22.2 16.6 25.0

