

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102925\
 Data File : BG064630.D
 Acq On : 29 Oct 2025 19:37
 Operator : RC/JU
 Sample : Q3468-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-08

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/30/2025
 Supervised By :mohammad ahmed 11/05/2025

Quant Time: Oct 30 04:58:50 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	8.220	152	30503	20.000	ng	0.00
21) Naphthalene-d8	11.040	136	122508	20.000	ng	-0.01
39) Acenaphthene-d10	14.836	164	99505	20.000	ng	0.00
64) Phenanthrene-d10	17.574	188	226879	20.000	ng	0.00
76) Chrysene-d12	21.845	240	289509	20.000	ng	-0.02
86) Perylene-d12	25.189	264	314104	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.747	112	130640	71.888	ng	0.00
7) Phenol-d6	7.351	99	119611	47.965	ng	0.00
23) Nitrobenzene-d5	9.384	82	240095	117.713	ng	0.00
42) 2,4,6-Tribromophenol	16.317	330	227039	158.088	ng	0.00
45) 2-Fluorobiphenyl	13.467	172	563588	85.851	ng	-0.01
79) Terphenyl-d14	20.165	244	1347806	87.857	ng	-0.01
Target Compounds						Qvalue
10) Phenol	7.380	94	6549	2.375	ng	# 78
27) 2,4-Dimethylphenol	10.224	122	38621	20.798	ng	# 83
31) Naphthalene	11.099	128	820136	120.745	ng	99
37) 2-Methylnaphthalene	12.686	142	48548	9.735	ng	95
38) 1-Methylnaphthalene	12.903	142	86525m	17.633	ng	

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

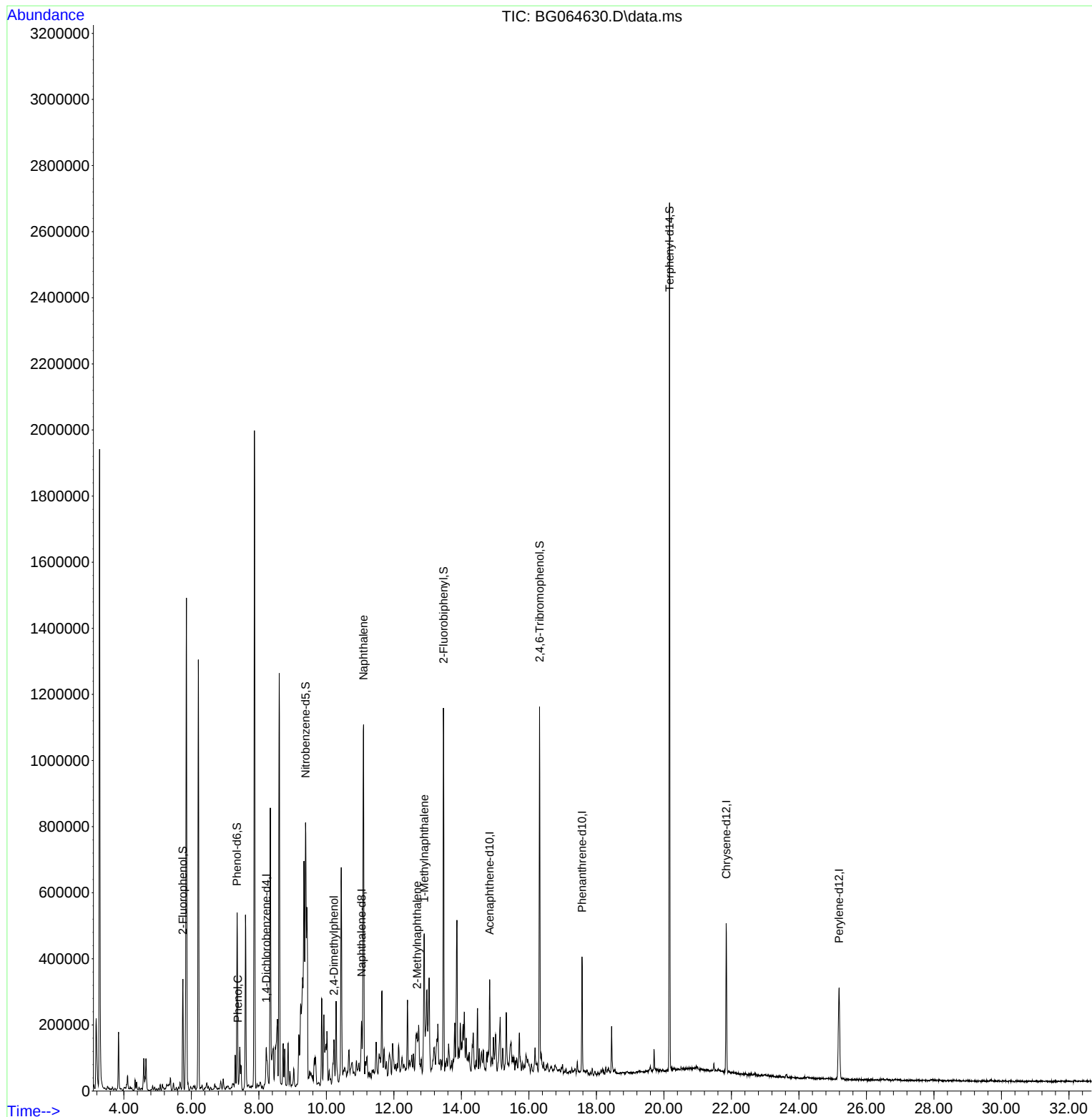
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102925\
Data File : BG064630.D
Acq On : 29 Oct 2025 19:37
Operator : RC/JU
Sample : Q3468-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

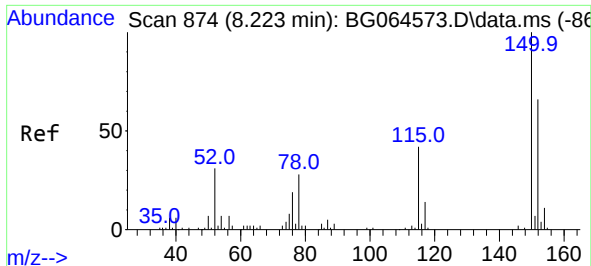
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MW-08

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Quant Time: Oct 30 04:58:50 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





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.220 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG064630.D
Acq: 29 Oct 2025 19:37

Instrument :

BNA_G

ClientSampleId :

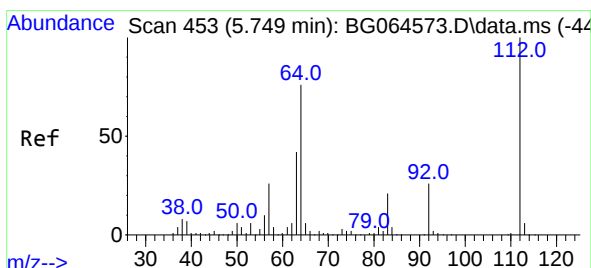
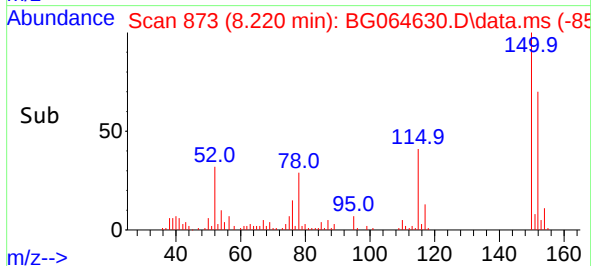
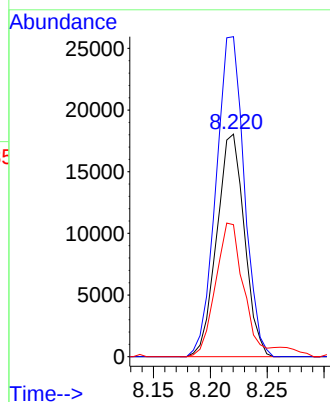
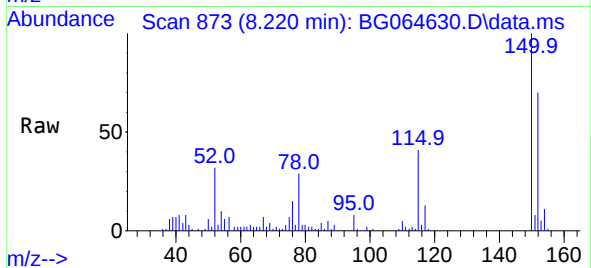
MW-08

Tgt Ion:152 Resp: 3050
Ion Ratio Lower Upper
152 100
150 143.7 122.2 183.4
115 59.3 50.8 76.2

Manual Integrations

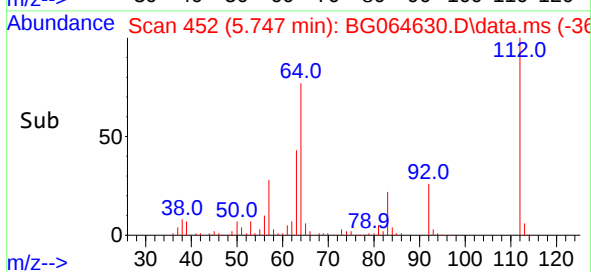
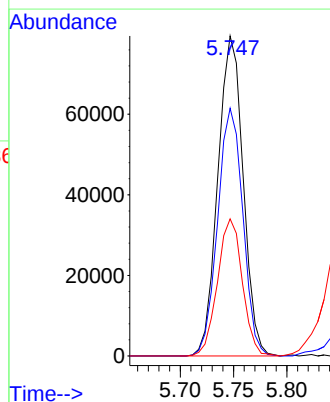
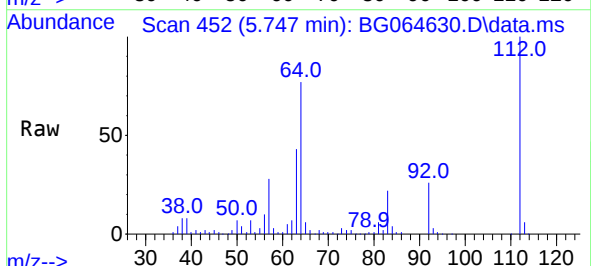
APPROVED

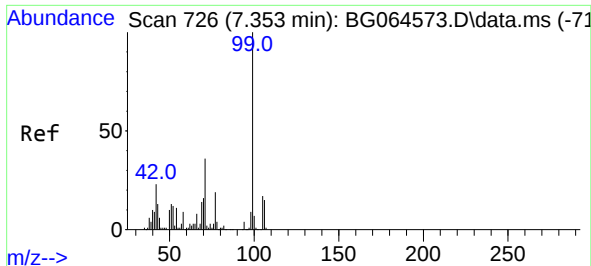
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :mohammad ahmed 11/05/2025



#5
2-Fluorophenol
Concen: 71.888 ng
RT: 5.747 min Scan# 452
Delta R.T. -0.000 min
Lab File: BG064630.D
Acq: 29 Oct 2025 19:37

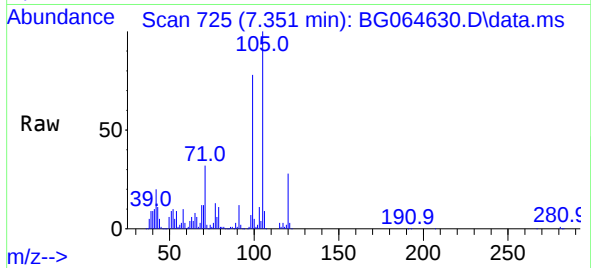
Tgt Ion:112 Resp: 130640
Ion Ratio Lower Upper
112 100
64 77.4 60.7 91.1
63 42.8 33.4 50.0





#7
Phenol-d6
Concen: 47.965 ng
RT: 7.351 min Scan# 71
Delta R.T. -0.006 min
Lab File: BG064630.D
Acq: 29 Oct 2025 19:37

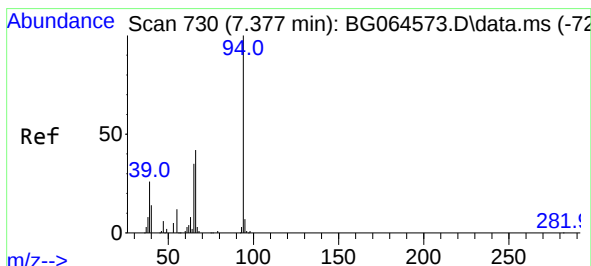
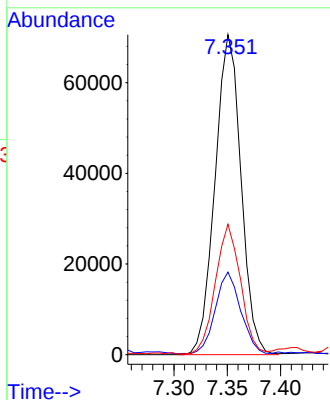
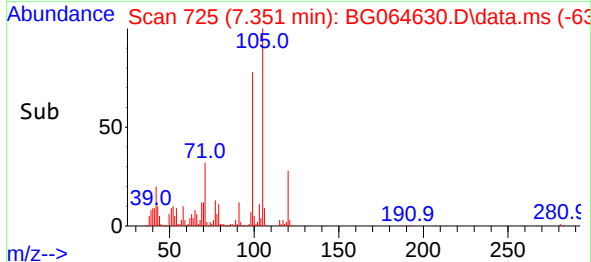
Instrument :
BNA_G
ClientSampleId :
MW-08



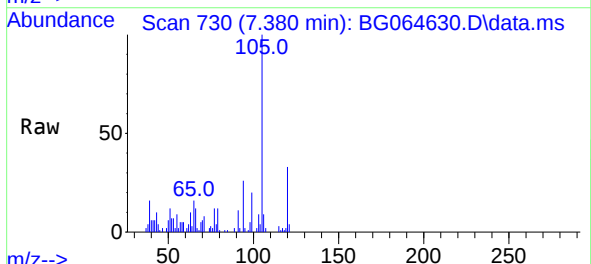
Tgt Ion: 99 Resp: 11961
Ion Ratio Lower Upper
99 100
42 25.8 18.3 27.5
71 40.7 28.6 43.0

Manual Integrations
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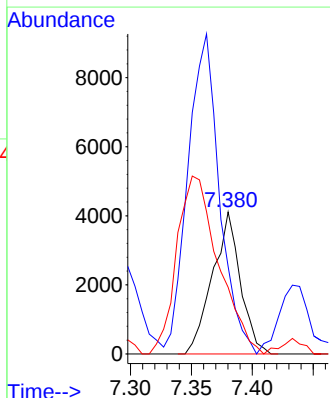
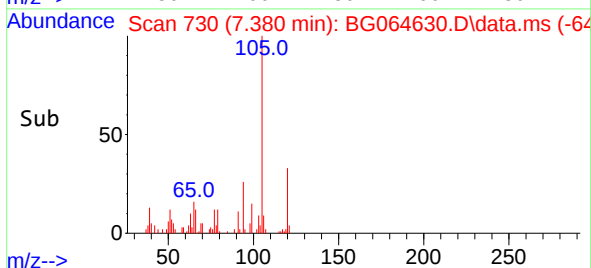
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :mohammad ahmed 11/05/2025

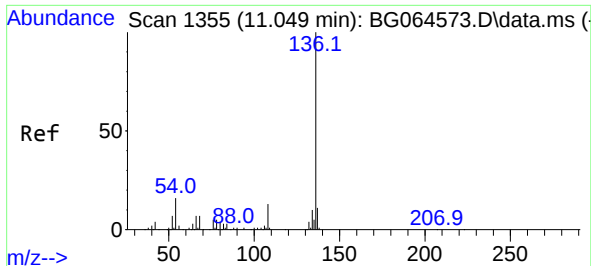


#10
Phenol
Concen: 2.375 ng
RT: 7.380 min Scan# 730
Delta R.T. -0.006 min
Lab File: BG064630.D
Acq: 29 Oct 2025 19:37



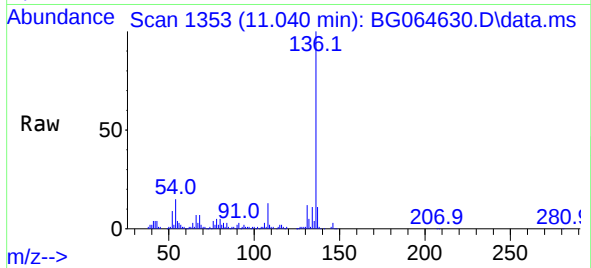
Tgt Ion: 94 Resp: 6549
Ion Ratio Lower Upper
94 100
65 61.7 15.8 55.8#
66 47.0 24.0 64.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.040 min Scan# 1104
Delta R.T. -0.012 min
Lab File: BG064630.D
Acq: 29 Oct 2025 19:37

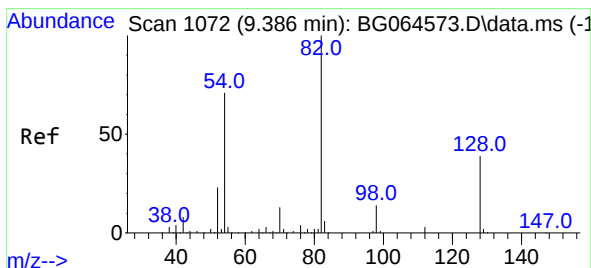
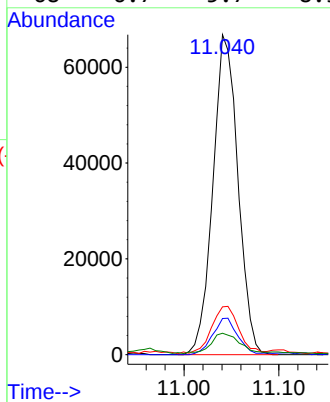
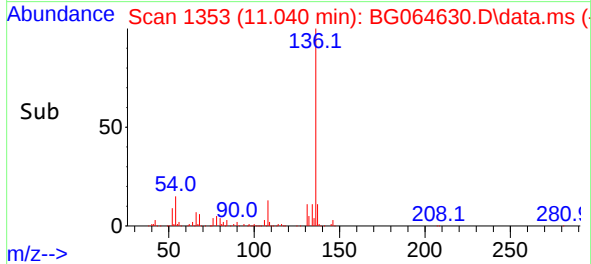
Instrument :
BNA_G
ClientSampleId :
MW-08



Tgt Ion:136 Resp: 122508
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 15.0 12.6 19.0
68 6.7 5.7 8.5

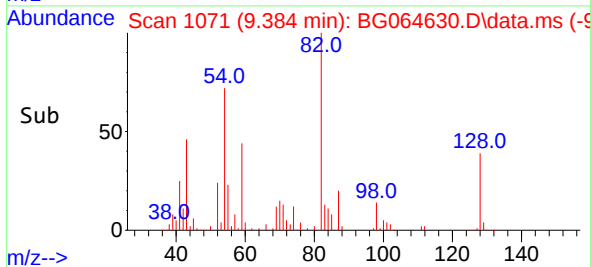
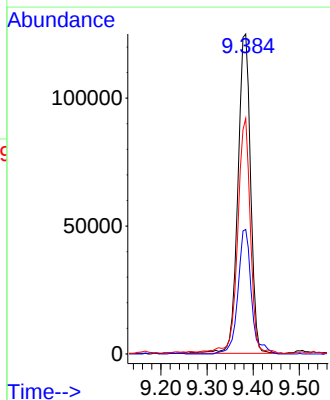
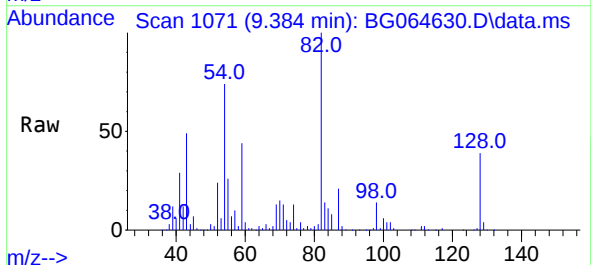
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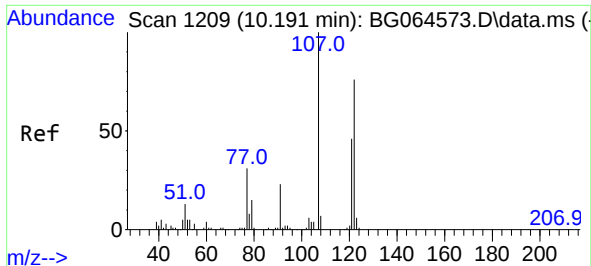
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :mohammad ahmed 11/05/2025



#23
Nitrobenzene-d5
Concen: 117.713 ng
RT: 9.384 min Scan# 1071
Delta R.T. -0.006 min
Lab File: BG064630.D
Acq: 29 Oct 2025 19:37

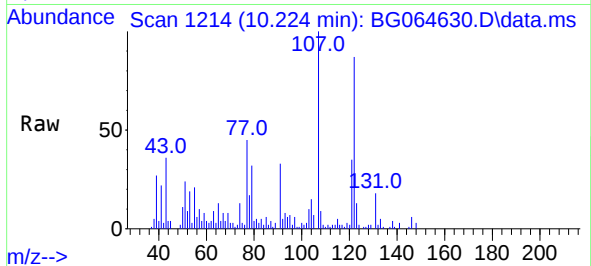
Tgt Ion: 82 Resp: 240095
Ion Ratio Lower Upper
82 100
128 38.9 31.3 46.9
54 73.6 56.6 84.8





#27
2,4-Dimethylphenol
Concen: 20.798 ng
RT: 10.224 min Scan# 1214
Delta R.T. 0.029 min
Lab File: BG064630.D
Acq: 29 Oct 2025 19:37

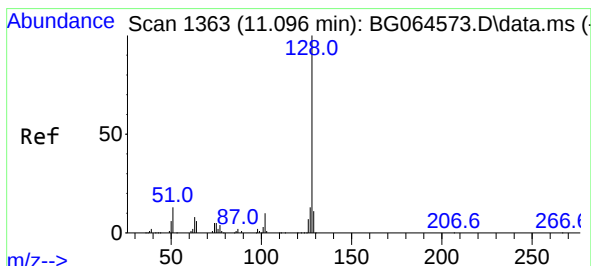
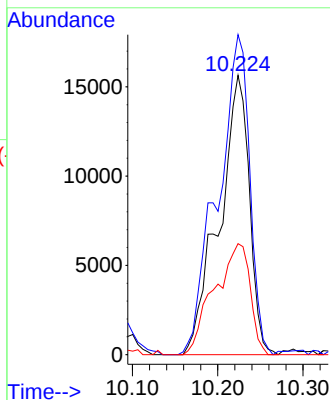
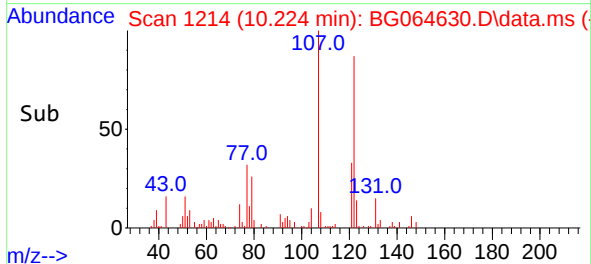
Instrument :
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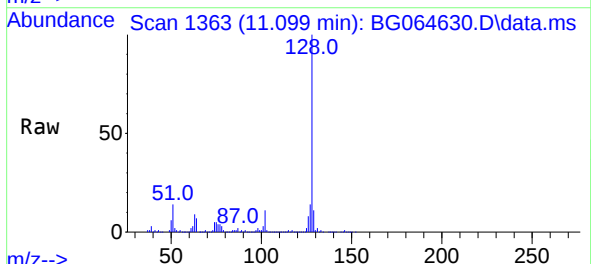
Tgt Ion:122 Resp: 3862
Ion Ratio Lower Upper
122 100
107 114.5 103.0 154.4
121 39.8 47.8 71.8

Manual Integrations
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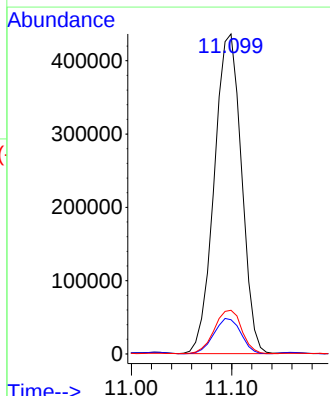
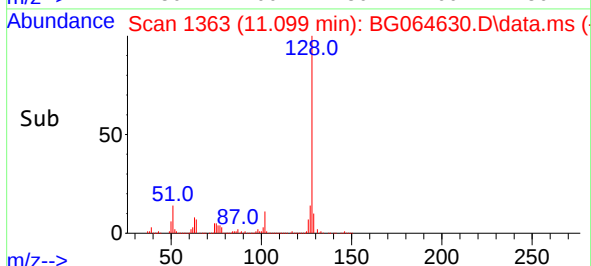
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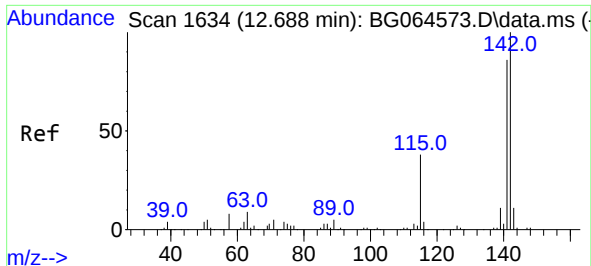


#31
Naphthalene
Concen: 120.745 ng
RT: 11.099 min Scan# 1363
Delta R.T. -0.000 min
Lab File: BG064630.D
Acq: 29 Oct 2025 19:37



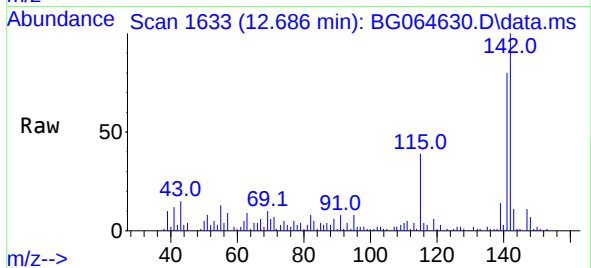
Tgt Ion:128 Resp: 820136
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 13.7 10.6 15.8





#37
2-Methylnaphthalene
Concen: 9.735 ng
RT: 12.686 min Scan# 1634
Delta R.T. -0.006 min
Lab File: BG064630.D
Acq: 29 Oct 2025 19:37

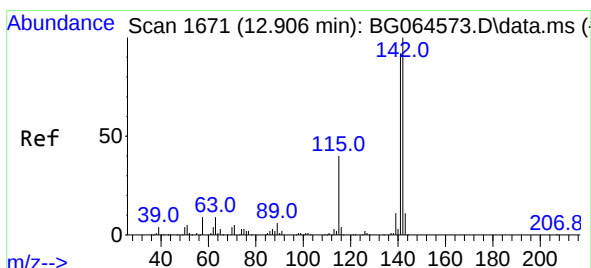
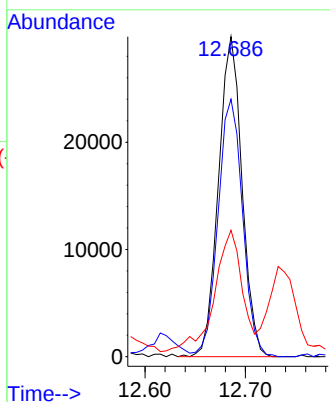
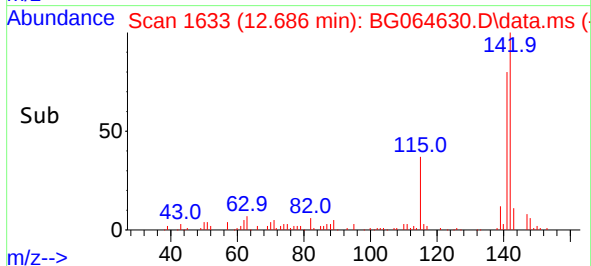
Instrument :
BNA_G
ClientSampleId :
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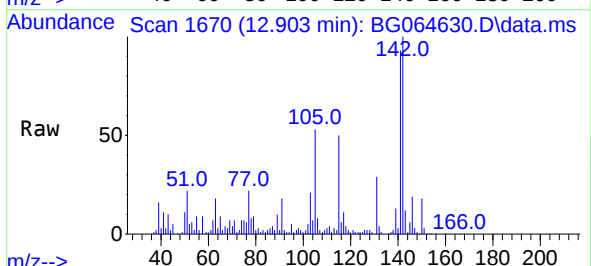
Tgt Ion:142 Resp: 48548
Ion Ratio Lower Upper
142 100
141 80.5 68.9 103.3
115 39.5 30.6 46.0

Manual Integrations
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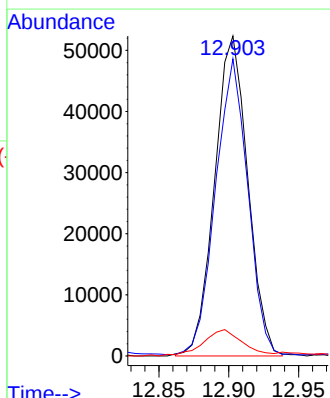
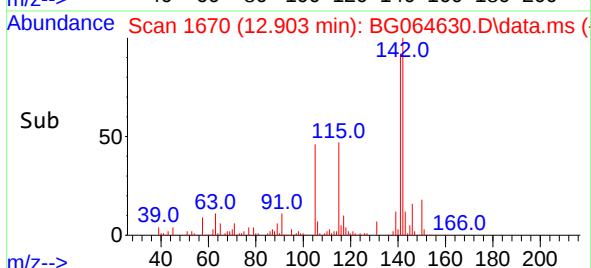
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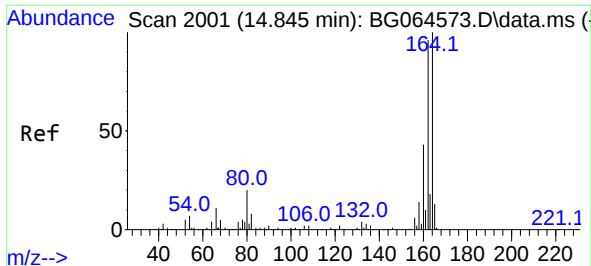


#38
1-Methylnaphthalene
Concen: 17.633 ng m
RT: 12.903 min Scan# 1670
Delta R.T. -0.006 min
Lab File: BG064630.D
Acq: 29 Oct 2025 19:37



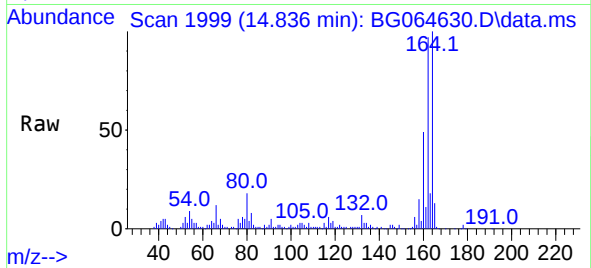
Tgt Ion:142 Resp: 86525
Ion Ratio Lower Upper
142 100
141 92.8 73.3 109.9
116 6.4 3.1 4.7#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.836 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BG064630.D
Acq: 29 Oct 2025 19:37

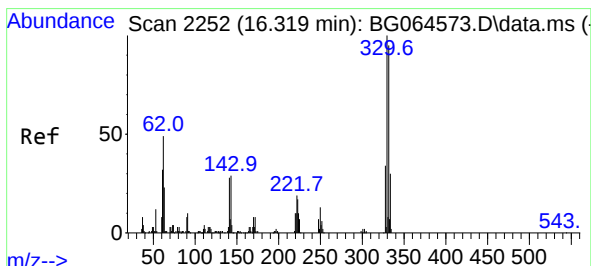
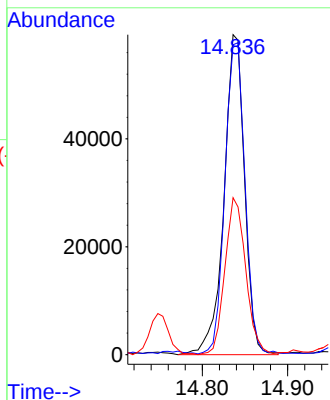
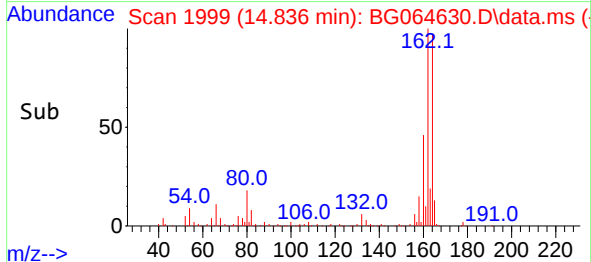
Instrument :
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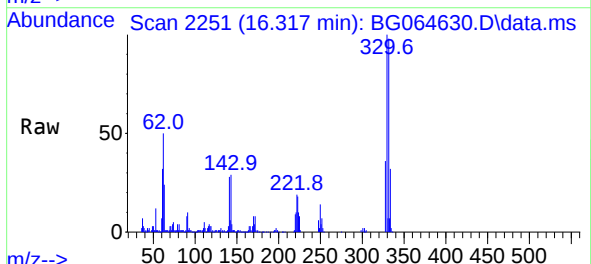
Tgt Ion:164 Resp: 9950
Ion Ratio Lower Upper
164 100
162 96.8 77.0 115.6
160 49.0 34.4 51.6

Manual Integrations
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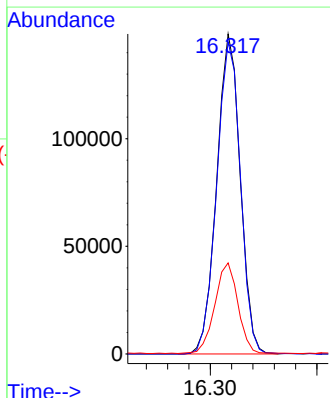
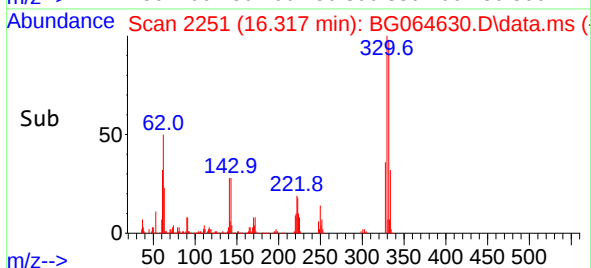
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Supervised By :mohammad ahmed 11/05/2025

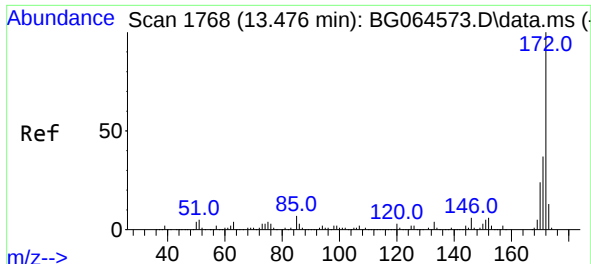


#42
2,4,6-Tribromophenol
Concen: 158.088 ng
RT: 16.317 min Scan# 2251
Delta R.T. -0.006 min
Lab File: BG064630.D
Acq: 29 Oct 2025 19:37



Tgt Ion:330 Resp: 227039
Ion Ratio Lower Upper
330 100
332 98.5 78.0 117.0
141 27.8 21.8 32.6





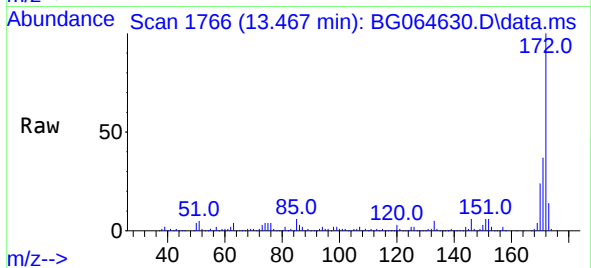
#45
2-Fluorobiphenyl
Concen: 85.851 ng
RT: 13.467 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG064630.D
Acq: 29 Oct 2025 19:37

Instrument :

BNA_G

ClientSampleId :

MW-08

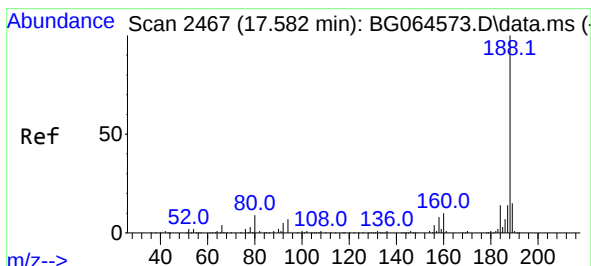
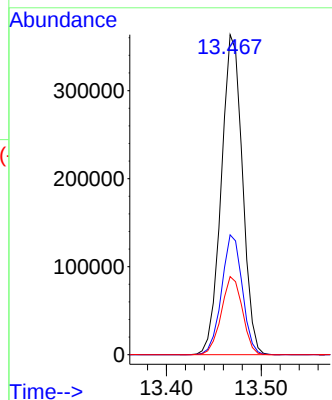
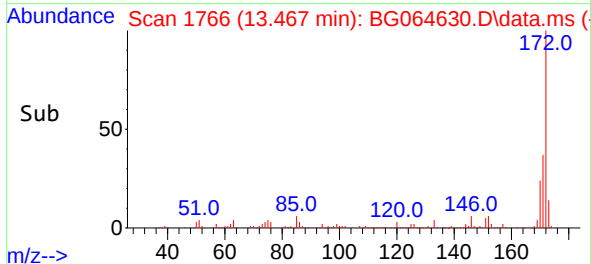


Tgt Ion:172 Resp: 56358
Ion Ratio Lower Upper
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171 37.4 29.4 44.0
170 24.4 19.1 28.7

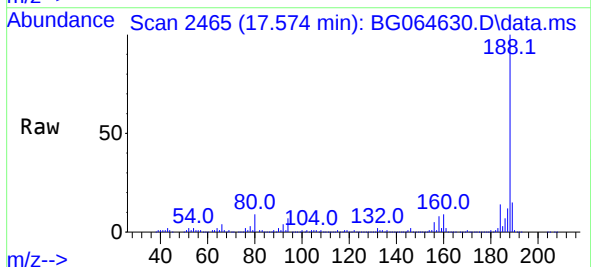
Manual Integrations

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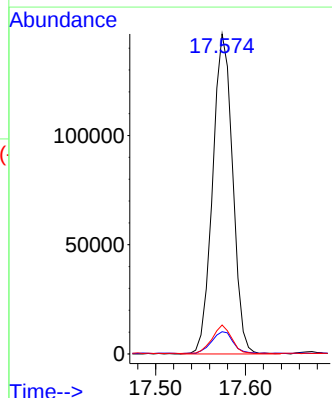
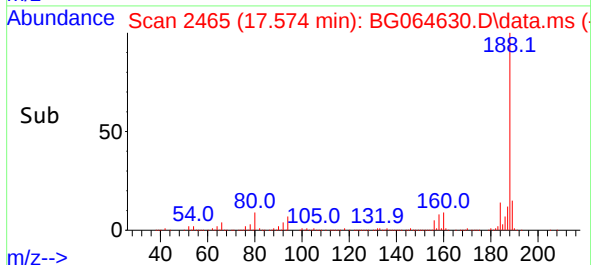
Reviewed By :Rahul Chavli 10/30/2025
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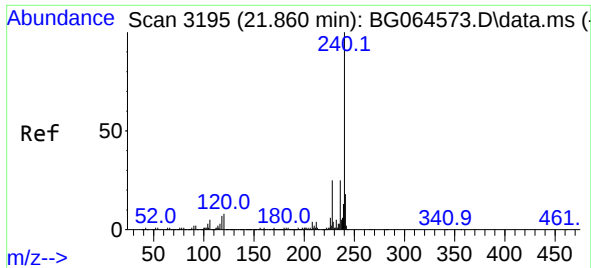


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.574 min Scan# 2465
Delta R.T. -0.006 min
Lab File: BG064630.D
Acq: 29 Oct 2025 19:37



Tgt Ion:188 Resp: 226879
Ion Ratio Lower Upper
188 100
94 7.0 5.7 8.5
80 9.1 6.8 10.2





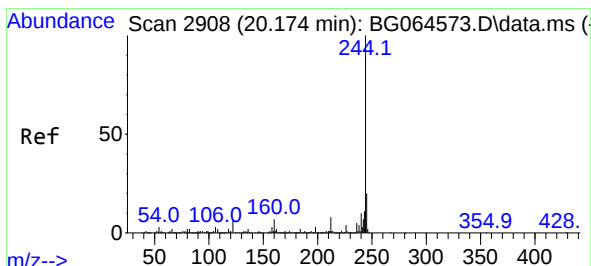
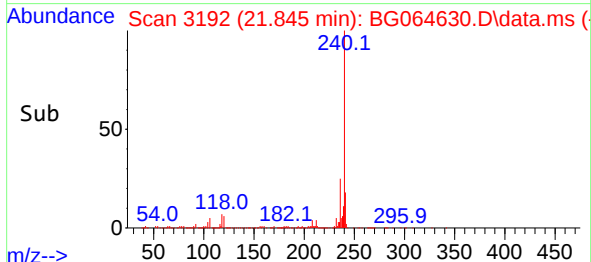
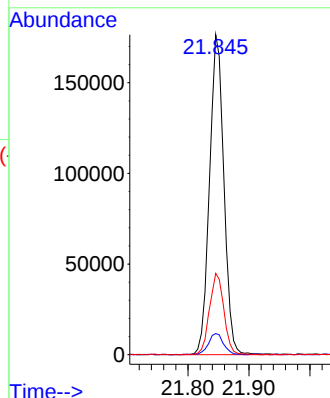
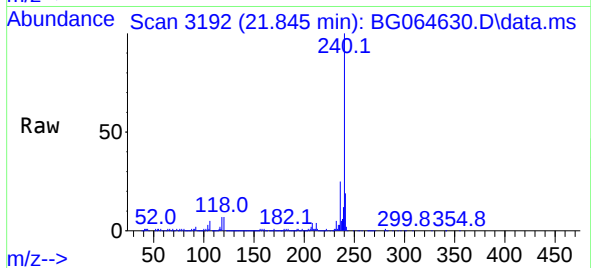
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.845 min Scan# 3195
Delta R.T. -0.018 min
Lab File: BG064630.D
Acq: 29 Oct 2025 19:37

Instrument :
BNA_G
ClientSampleId :
MW-08

Tgt Ion:240 Resp: 289509
Ion Ratio Lower Upper
240 100
120 6.6 6.5 9.7
236 25.4 20.2 30.2

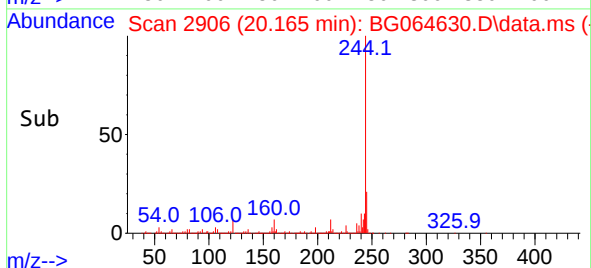
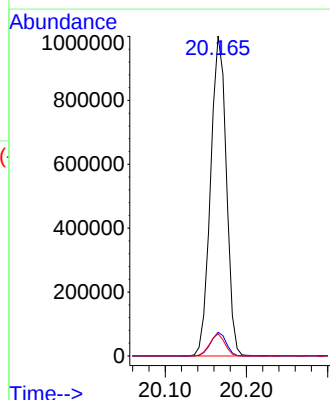
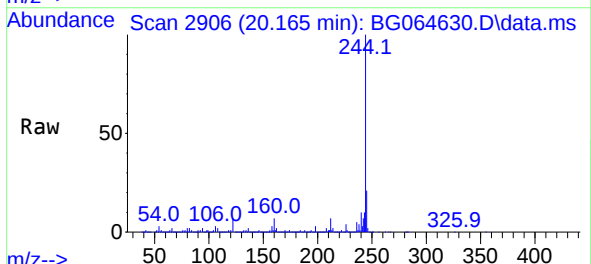
Manual Integrations
APPROVED

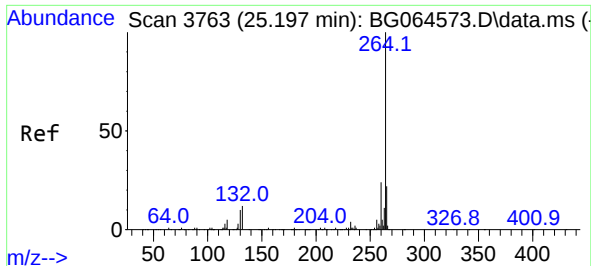
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :mohammad ahmed 11/05/2025



#79
Terphenyl-d14
Concen: 87.857 ng
RT: 20.165 min Scan# 2906
Delta R.T. -0.012 min
Lab File: BG064630.D
Acq: 29 Oct 2025 19:37

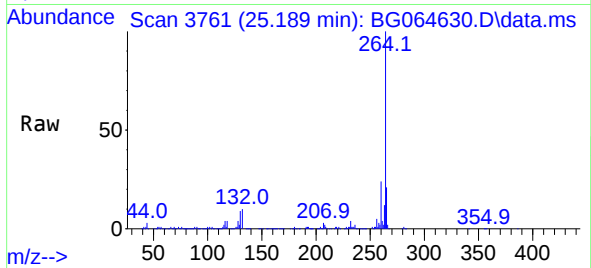
Tgt Ion:244 Resp: 1347806
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 6.9 5.6 8.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.189 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BG064630.D
 Acq: 29 Oct 2025 19:37

Instrument :
 BNA_G
 ClientSampleId :
 MW-08



Tgt Ion:264 Resp: 314104
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.4
 265 21.3 17.6 26.4

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/30/2025
 Supervised By :mohammad ahmed 11/05/2025

