

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101625\
 Data File : BG064520.D
 Acq On : 16 Oct 2025 17:39
 Operator : RC/JU
 Sample : Q3348-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WCS-TP1

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/17/2025
 Supervised By :Jagrut Upadhyay 10/17/2025

Quant Time: Oct 16 21:57:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 02 16:40:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.819	152	26426	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	100862	20.000	ng	# 0.00
39) Acenaphthene-d10	14.447	164	71357	20.000	ng	0.00
64) Phenanthrene-d10	17.185	188	184087	20.000	ng	0.00
76) Chrysene-d12	21.415	240	248905	20.000	ng	0.00
86) Perylene-d12	24.394	264	286653	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	64742	45.341	ng	0.00
7) Phenol-d6	6.997	99	81292	42.364	ng	0.01
23) Nitrobenzene-d5	8.971	82	54717	29.170	ng	0.00
42) 2,4,6-Tribromophenol	15.933	330	59326	45.867	ng	0.00
45) 2-Fluorobiphenyl	13.066	172	131923	27.251	ng	0.00
79) Terphenyl-d14	19.805	244	311578	23.690	ng	0.00
Target Compounds						
75) Fluoranthene	19.235	202	51258	4.457	ng	Qvalue 100
78) Pyrene	19.600	202	45694	2.829	ng	94
88) Benzo(b)fluoranthene	23.448	252	33745m	2.069	ng	

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

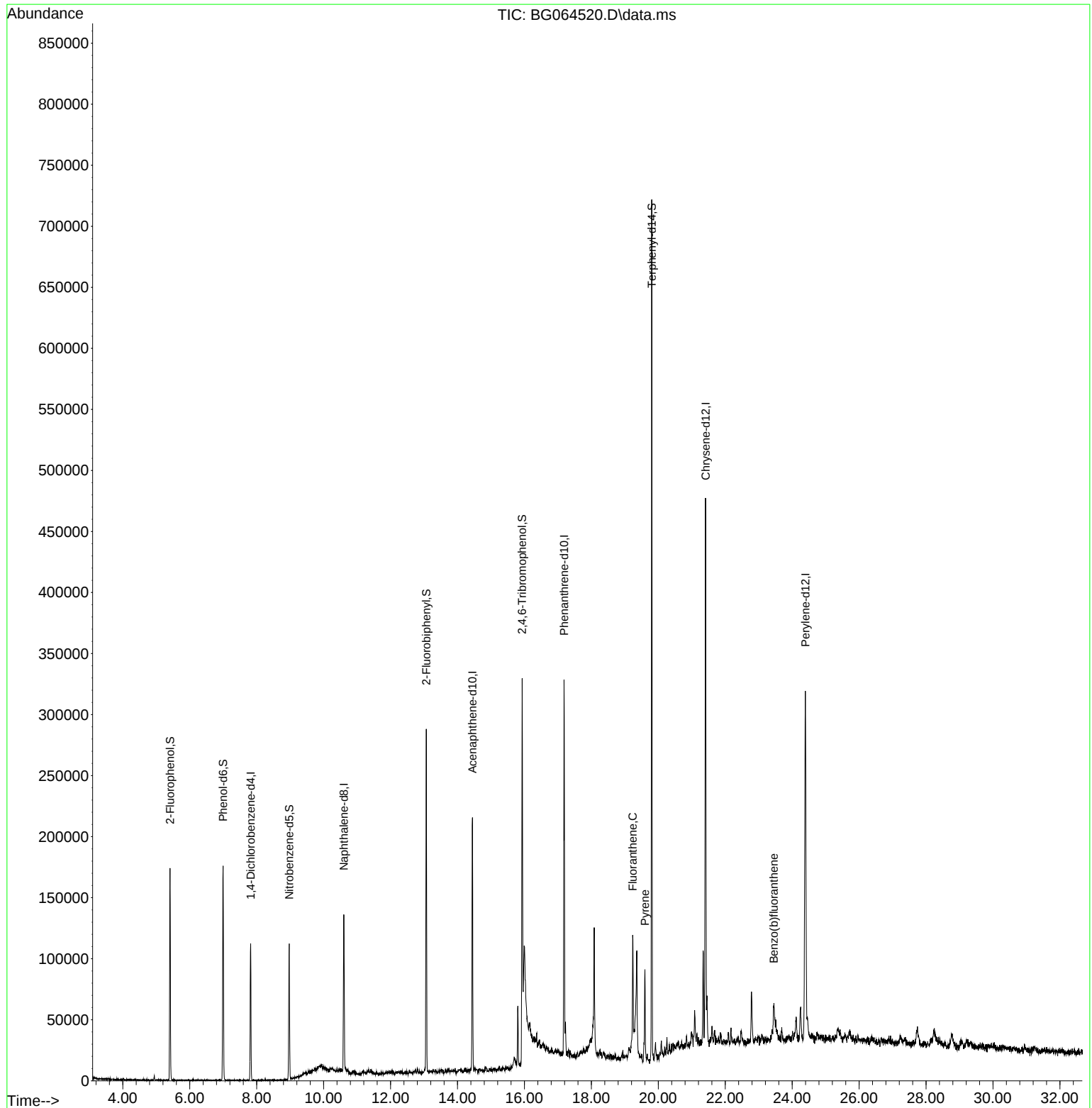
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101625\
Data File : BG064520.D
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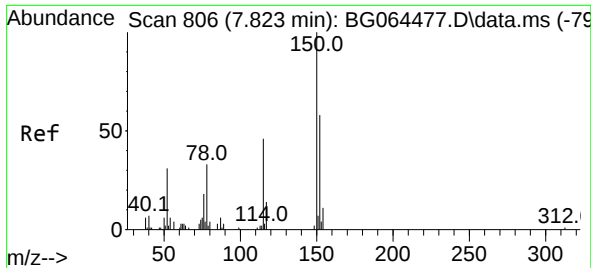
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Quant Time: Oct 16 21:57:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
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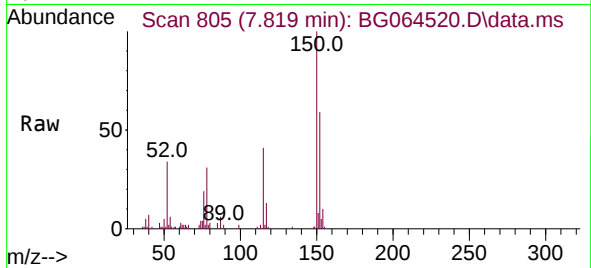
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.819 min Scan# 806
Delta R.T. -0.001 min
Lab File: BG064520.D
Acq: 16 Oct 2025 17:39

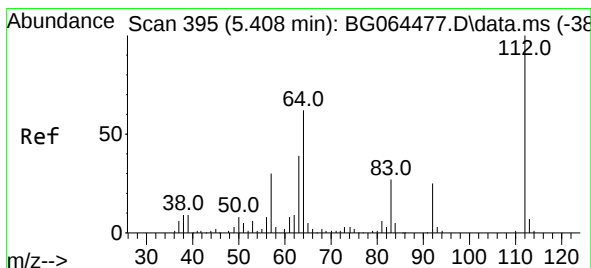
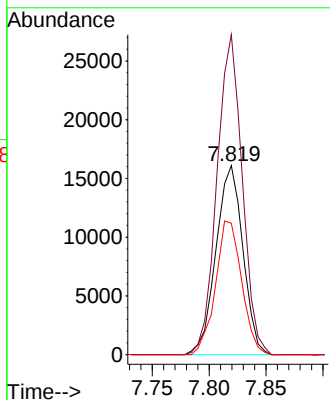
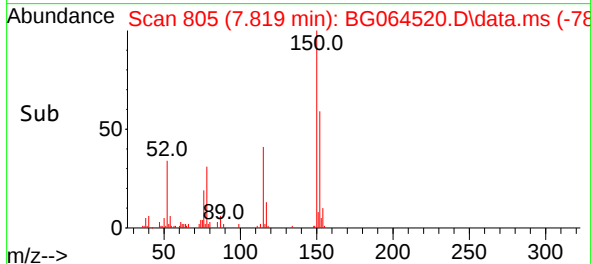
Instrument :
BNA_G
ClientSampleId :
WCS-TP1



Tgt Ion:152 Resp: 26426
Ion Ratio Lower Upper
152 100
150 169.3 138.6 207.8
115 69.6 63.4 95.2

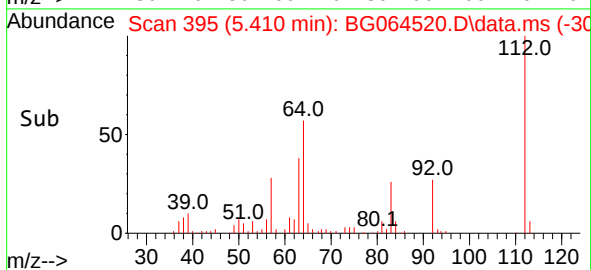
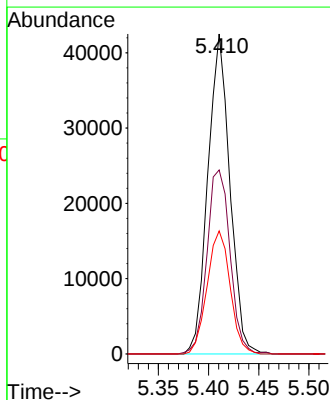
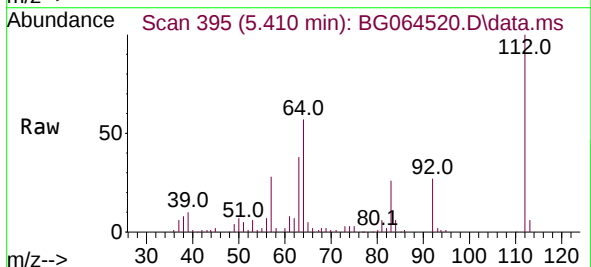
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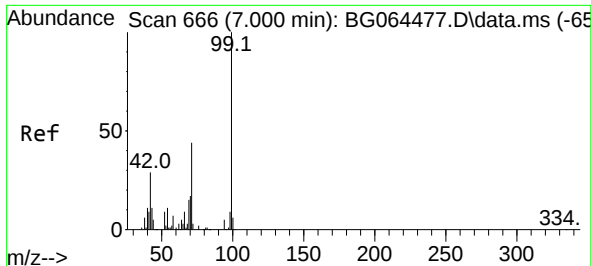
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#5
2-Fluorophenol
Concen: 45.341 ng
RT: 5.410 min Scan# 395
Delta R.T. 0.005 min
Lab File: BG064520.D
Acq: 16 Oct 2025 17:39

Tgt Ion:112 Resp: 64742
Ion Ratio Lower Upper
112 100
64 57.5 49.8 74.8
63 38.4 31.3 46.9





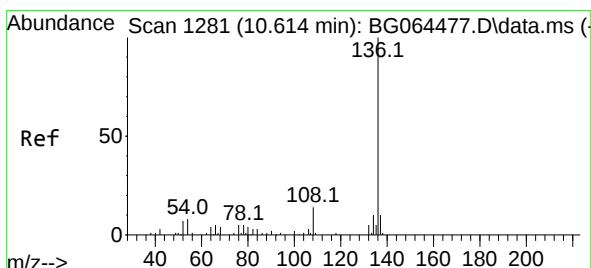
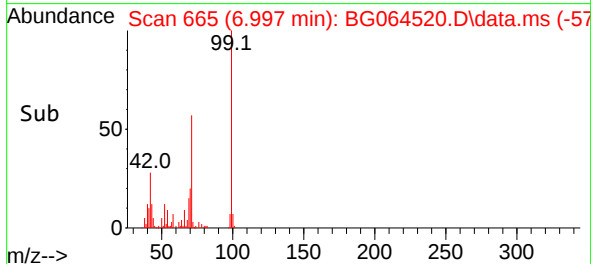
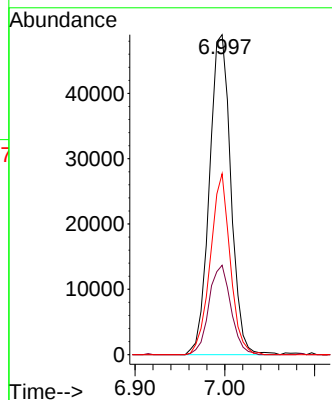
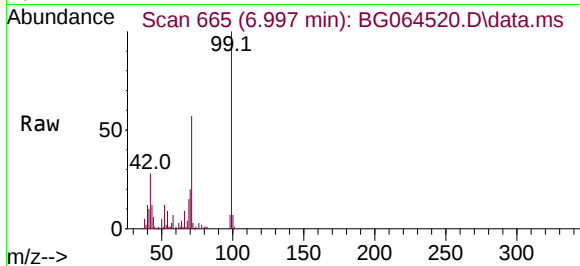
#7
Phenol-d6
Concen: 42.364 ng
RT: 6.997 min Scan# 60
Delta R.T. 0.011 min
Lab File: BG064520.D
Acq: 16 Oct 2025 17:39

Instrument :
BNA_G
ClientSampleId :
WCS-TP1

Tgt Ion: 99 Resp: 81292
Ion Ratio Lower Upper
99 100
42 27.9 22.9 34.3
71 56.5 35.4 53.2

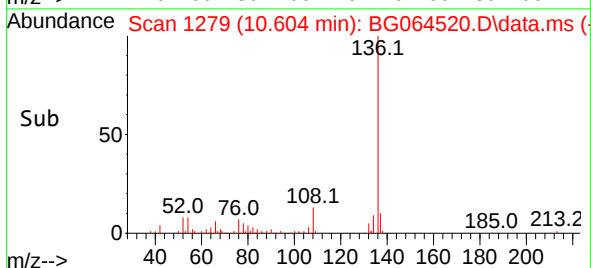
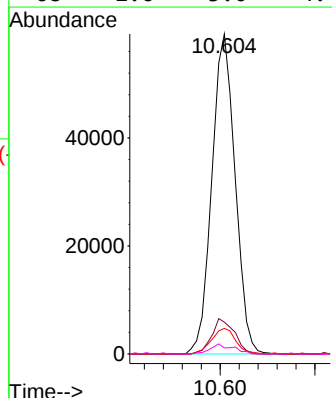
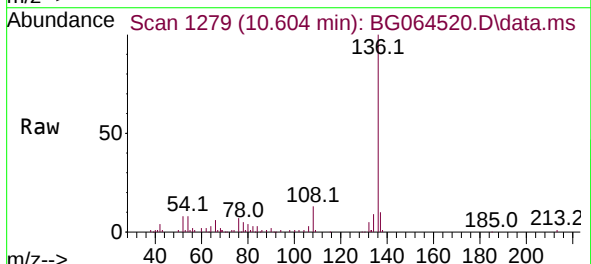
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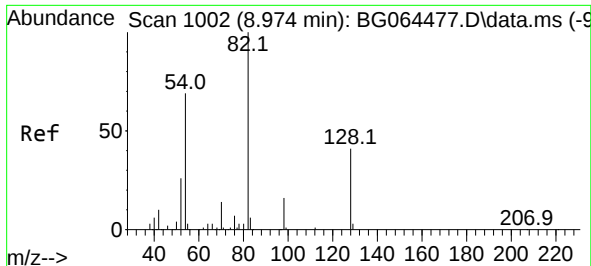
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1279
Delta R.T. -0.001 min
Lab File: BG064520.D
Acq: 16 Oct 2025 17:39

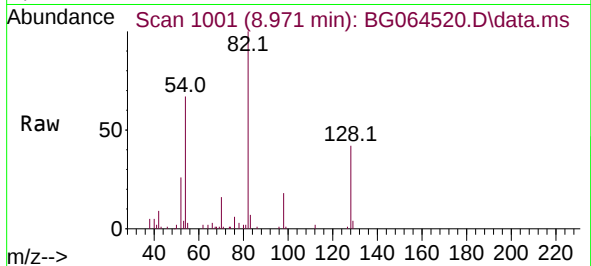
Tgt Ion:136 Resp: 100862
Ion Ratio Lower Upper
136 100
137 9.9 8.3 12.5
54 8.0 6.2 9.4
68 2.6 3.0 4.4





#23
Nitrobenzene-d5
Concen: 29.170 ng
RT: 8.971 min Scan# 1001
Delta R.T. 0.005 min
Lab File: BG064520.D
Acq: 16 Oct 2025 17:39

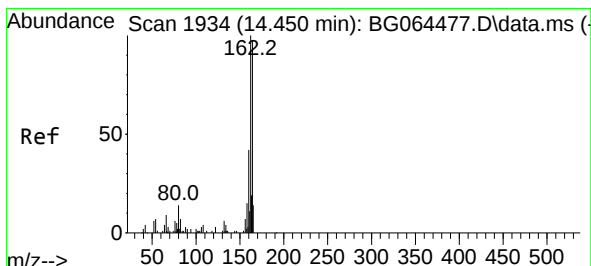
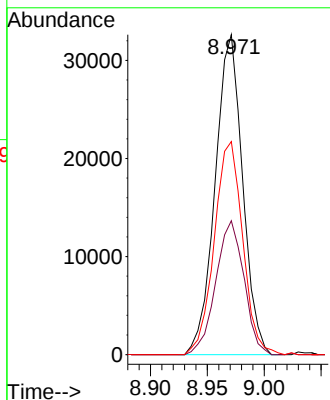
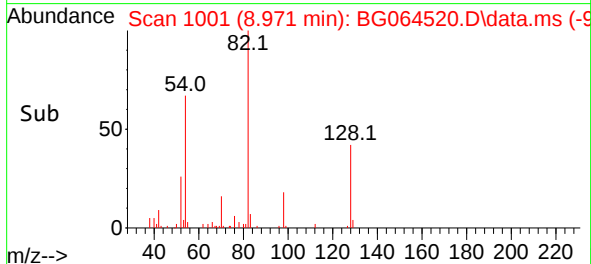
Instrument :
BNA_G
ClientSampleId :
WCS-TP1



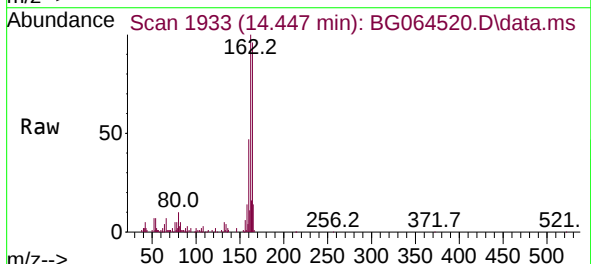
Tgt Ion: 82 Resp: 5471
Ion Ratio Lower Upper
82 100
128 41.8 33.1 49.7
54 66.6 55.4 83.2

Manual Integrations
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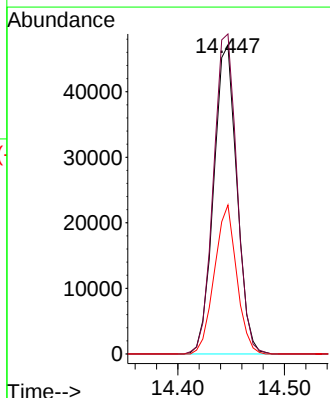
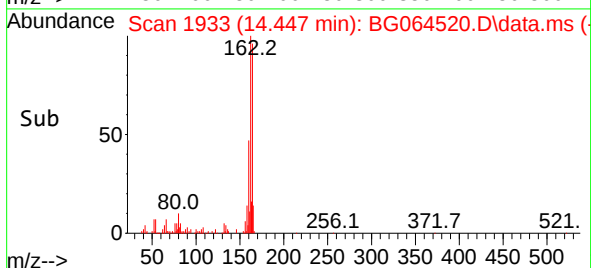
Reviewed By :Rahul Chavli 10/17/2025
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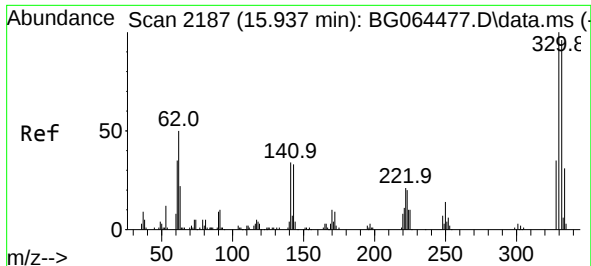


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.447 min Scan# 1933
Delta R.T. -0.001 min
Lab File: BG064520.D
Acq: 16 Oct 2025 17:39



Tgt Ion:164 Resp: 71357
Ion Ratio Lower Upper
164 100
162 103.7 82.2 123.2
160 48.2 34.3 51.5





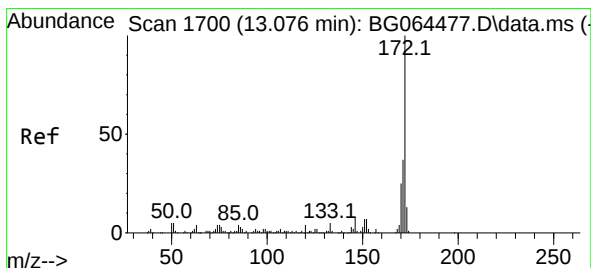
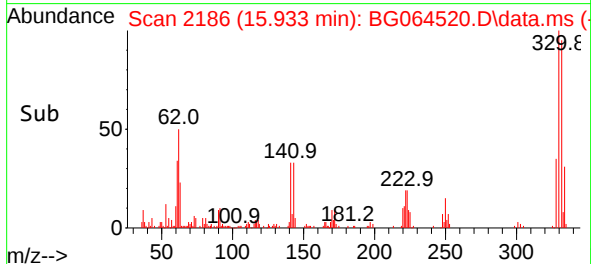
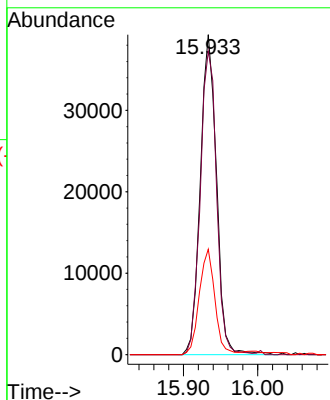
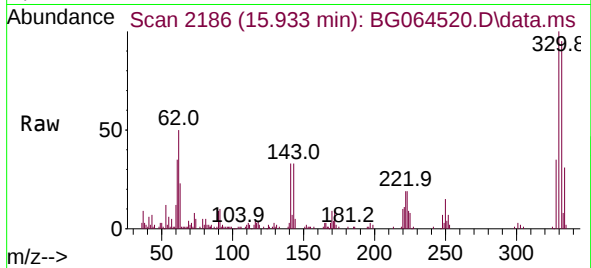
#42
2,4,6-Tribromophenol
Concen: 45.867 ng
RT: 15.933 min Scan# 2187
Delta R.T. -0.001 min
Lab File: BG064520.D
Acq: 16 Oct 2025 17:39

Instrument :
BNA_G
ClientSampleId :
WCS-TP1

Tgt Ion:330 Resp: 59326
Ion Ratio Lower Upper
330 100
332 95.9 77.4 116.0
141 31.9 25.8 38.6

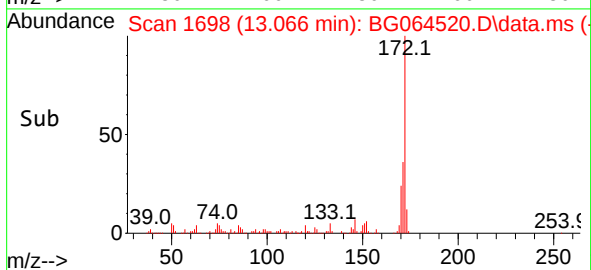
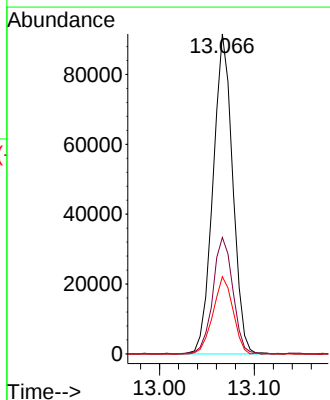
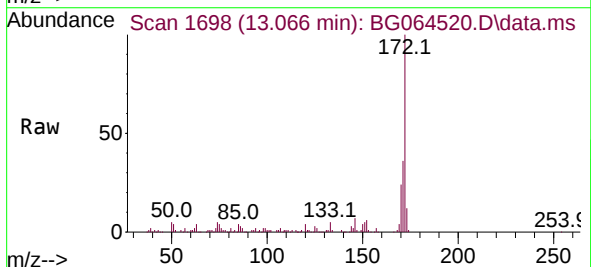
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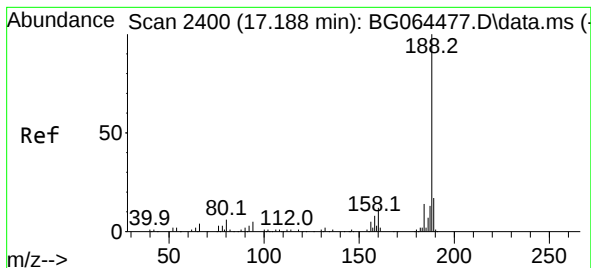
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#45
2-Fluorobiphenyl
Concen: 27.251 ng
RT: 13.066 min Scan# 1698
Delta R.T. -0.001 min
Lab File: BG064520.D
Acq: 16 Oct 2025 17:39

Tgt Ion:172 Resp: 131923
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 24.1 20.2 30.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.185 min Scan# 2399

Delta R.T. -0.001 min

Lab File: BG064520.D

Acq: 16 Oct 2025 17:39

Instrument :

BNA_G

ClientSampleId :

WCS-TP1

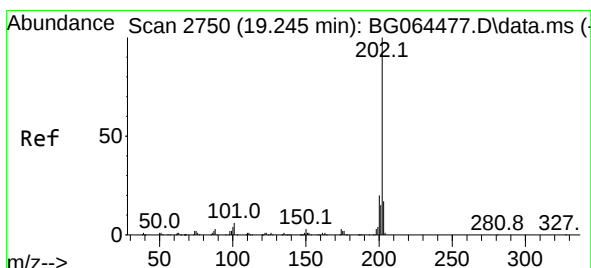
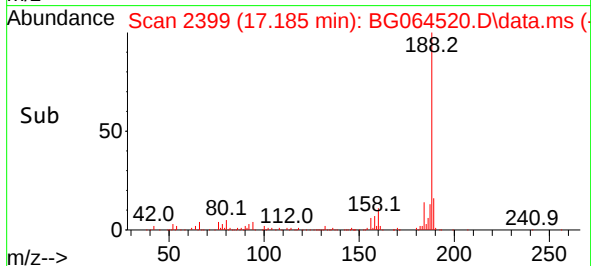
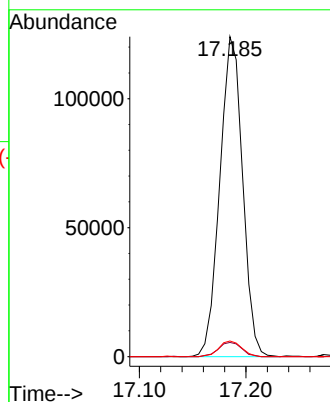
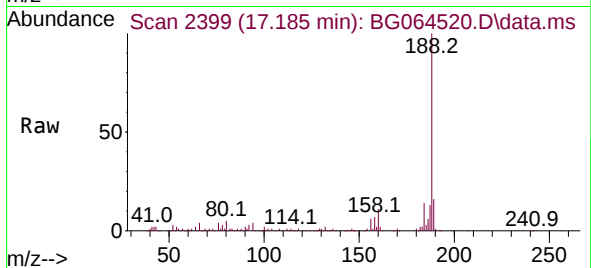
Tgt Ion:188	Resp: 18408
Ion Ratio	Lower Upper
188 100	
94 4.4	3.7 5.5
80 4.9	4.5 6.7

Manual Integrations

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#75

Fluoranthene

Concen: 4.457 ng

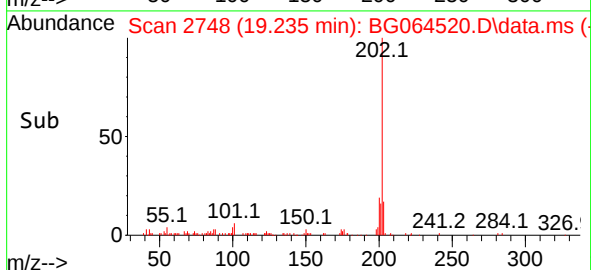
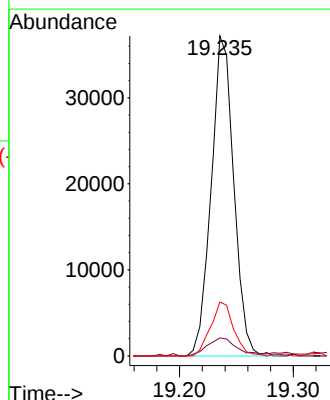
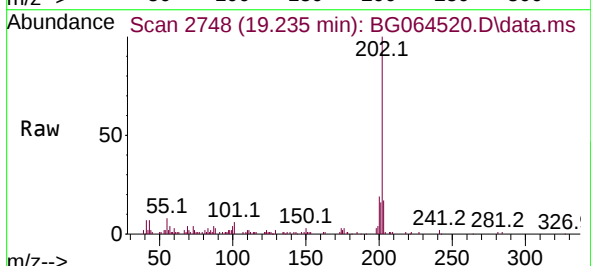
RT: 19.235 min Scan# 2748

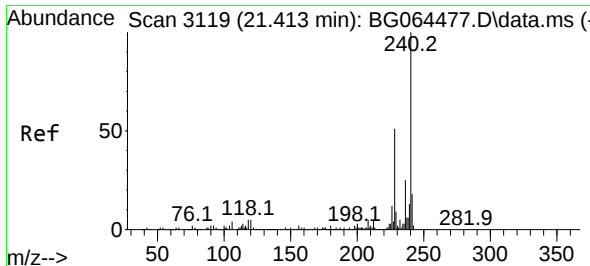
Delta R.T. -0.001 min

Lab File: BG064520.D

Acq: 16 Oct 2025 17:39

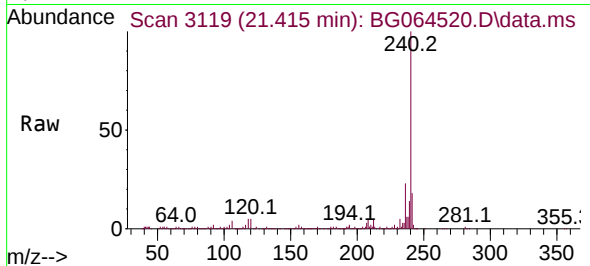
Tgt Ion:202	Resp: 51258
Ion Ratio	Lower Upper
202 100	
101 5.6	0.0 25.7
203 16.8	0.0 36.6





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3119
Delta R.T. 0.005 min
Lab File: BG064520.D
Acq: 16 Oct 2025 17:39

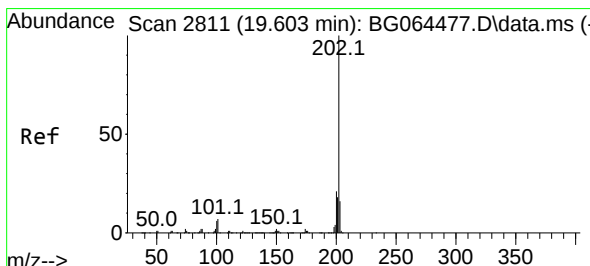
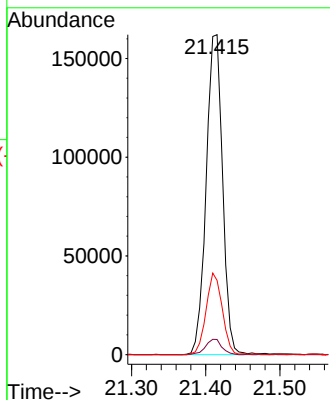
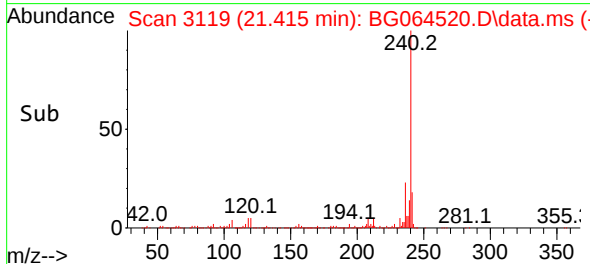
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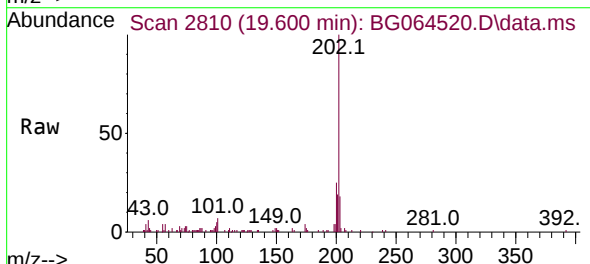
Tgt Ion:240 Resp: 248905
Ion Ratio Lower Upper
240 100
120 4.7 4.3 6.5
236 23.2 20.4 30.6

Manual Integrations
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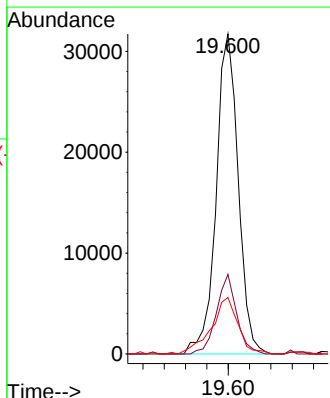
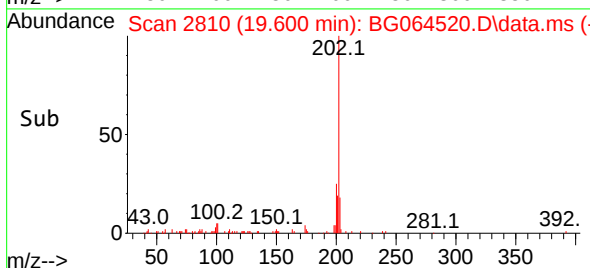
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025

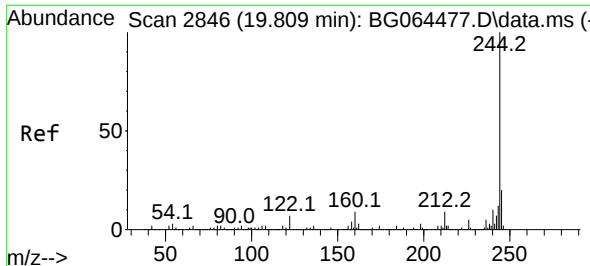


#78
Pyrene
Concen: 2.829 ng
RT: 19.600 min Scan# 2810
Delta R.T. -0.001 min
Lab File: BG064520.D
Acq: 16 Oct 2025 17:39



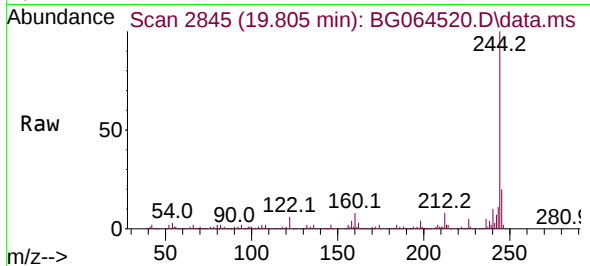
Tgt Ion:202 Resp: 45694
Ion Ratio Lower Upper
202 100
200 24.8 17.0 25.4
203 17.6 13.0 19.4





#79
 Terphenyl-d14
 Concen: 23.690 ng
 RT: 19.805 min Scan# 2846
 Delta R.T. -0.001 min
 Lab File: BG064520.D
 Acq: 16 Oct 2025 17:39

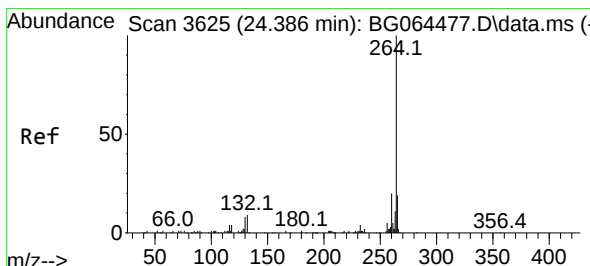
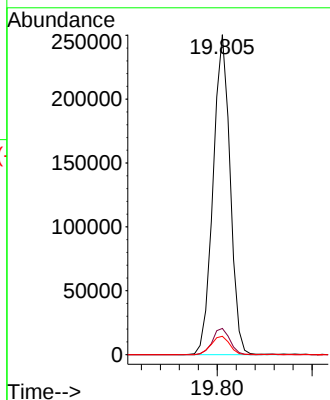
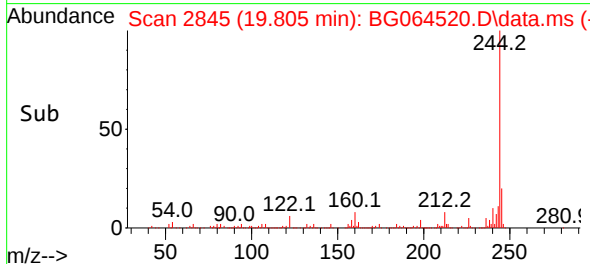
Instrument :
 BNA_G
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 WCS-TP1



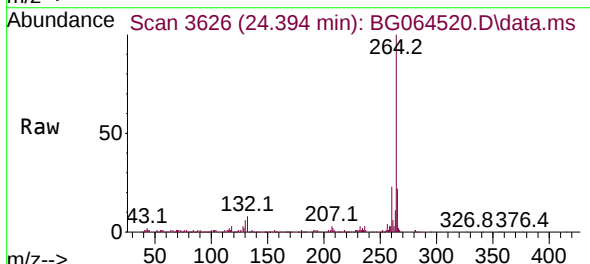
Tgt Ion:244 Resp: 311578
 Ion Ratio Lower Upper
 244 100
 212 8.2 7.0 10.6
 122 5.7 5.6 8.4

Manual Integrations
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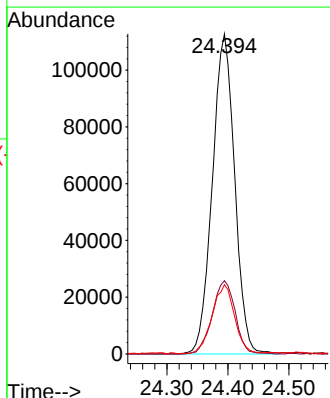
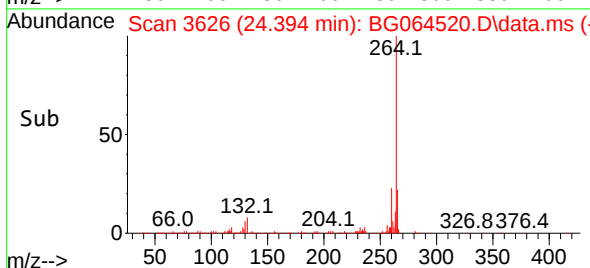
Reviewed By :Rahul Chavli 10/17/2025
 Supervised By :Jagrut Upadhyay 10/17/2025

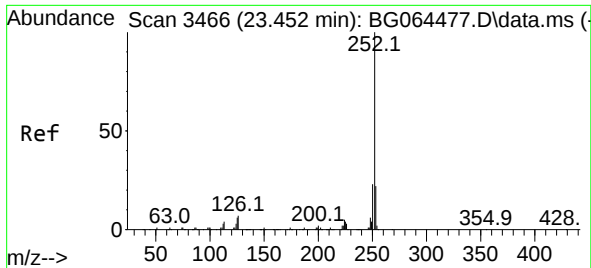


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.394 min Scan# 3626
 Delta R.T. 0.005 min
 Lab File: BG064520.D
 Acq: 16 Oct 2025 17:39



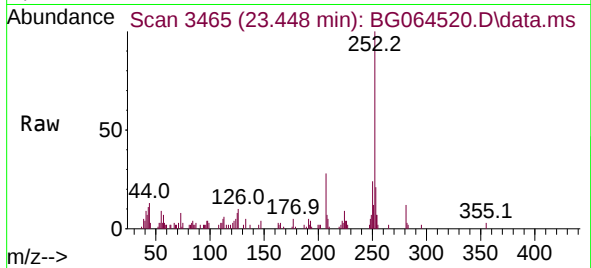
Tgt Ion:264 Resp: 286653
 Ion Ratio Lower Upper
 264 100
 260 22.9 16.2 24.4
 265 21.6 15.0 22.4





#88
 Benzo(b)fluoranthene
 Concen: 2.069 ng m
 RT: 23.448 min Scan# 3465
 Delta R.T. -0.001 min
 Lab File: BG064520.D
 Acq: 16 Oct 2025 17:39

Instrument :
 BNA_G
 ClientSampleId :
 WCS-TP1



Tgt Ion:252 Resp: 33745
 Ion Ratio Lower Upper
 252 100
 253 20.7 17.5 26.3
 125 7.9 4.5 6.7

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/17/2025
 Supervised By :Jagrut Upadhyay 10/17/2025

