

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
 Data File : BG064804.D
 Acq On : 18 Nov 2025 15:40
 Operator : RC/JU
 Sample : Q3658-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-07-111725

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
 Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 18 16:15:47 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	8.160	152	40788	20.000	ng	0.00
21) Naphthalene-d8	10.980	136	162020	20.000	ng	0.00
39) Acenaphthene-d10	14.770	164	133849	20.000	ng	0.00
64) Phenanthrene-d10	17.502	188	317805	20.000	ng	0.00
76) Chrysene-d12	21.750	240	331043	20.000	ng	0.00
86) Perylene-d12	25.005	264	347601	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.698	112	305424	130.758	ng	0.00
7) Phenol-d6	7.308	99	432341	139.164	ng	0.00
23) Nitrobenzene-d5	9.323	82	269576	82.265	ng	0.00
42) 2,4,6-Tribromophenol	16.245	330	333910	127.912	ng	0.00
45) 2-Fluorobiphenyl	13.407	172	731479	76.255	ng	0.00
79) Terphenyl-d14	20.087	244	1585633	94.220	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.535	202	82913	3.487	ng	99
78) Pyrene	19.893	202	72011	3.881	ng	98
83) Chrysene	21.791	228	52853m	2.491	ng	
87) Indeno(1,2,3-cd)pyrene	28.730	276	49894	2.089	ng	# 91
88) Benzo(b)fluoranthene	23.971	252	81364	3.678	ng	# 95
90) Benzo(a)pyrene	24.852	252	45451	2.215	ng	# 96
92) Benzo(g,h,i)perylene	29.893	276	52330	2.779	ng	# 98

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

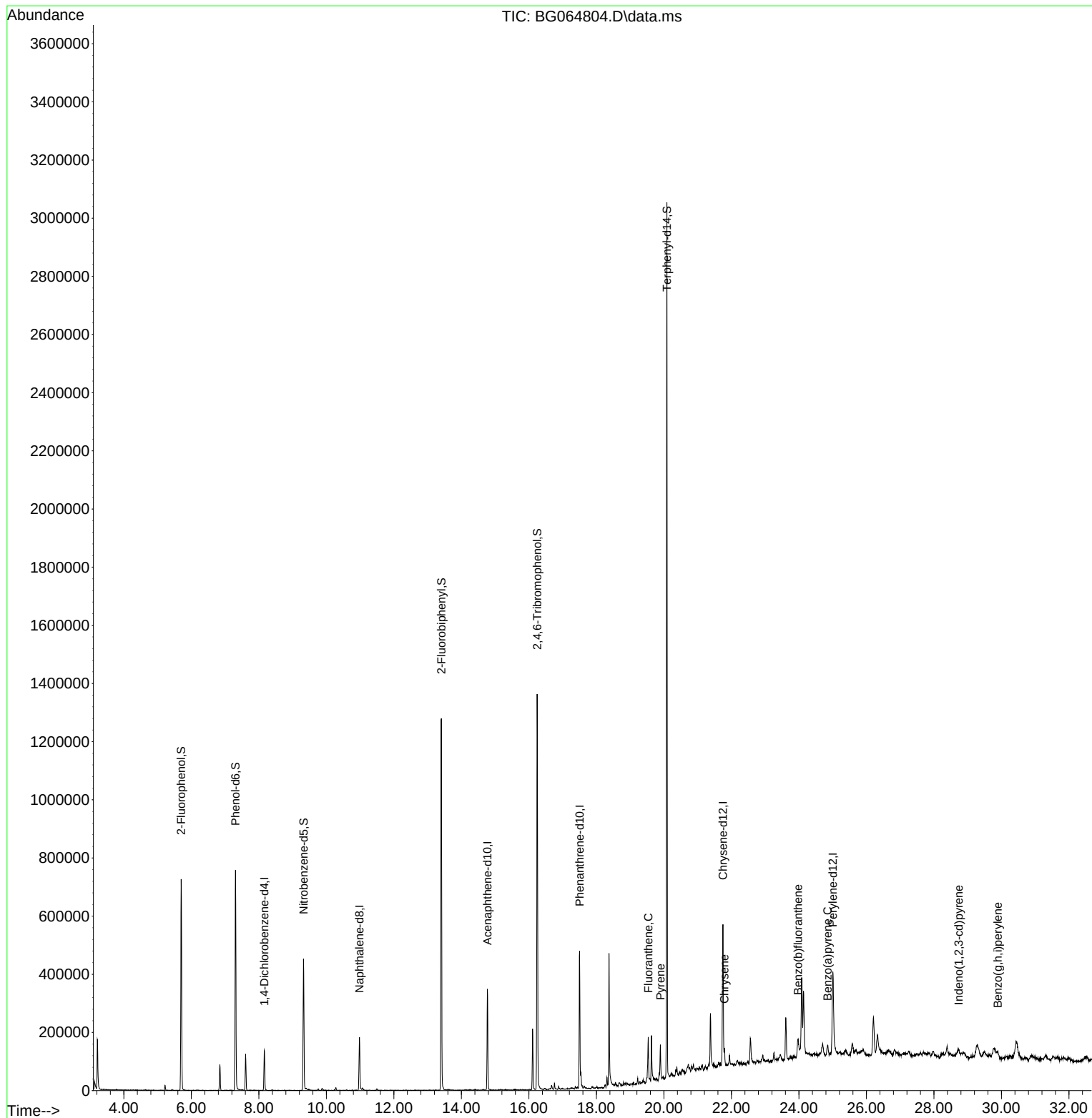
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064804.D
Acq On : 18 Nov 2025 15:40
Operator : RC/JU
Sample : Q3658-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

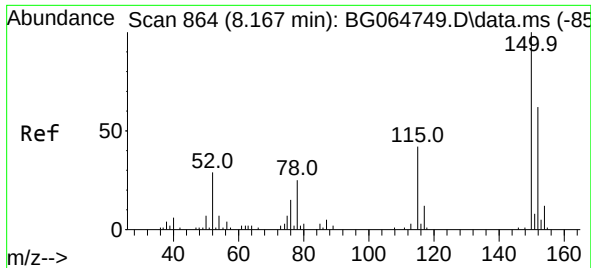
Instrument :
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ClientSampleId :
NB-07-111725

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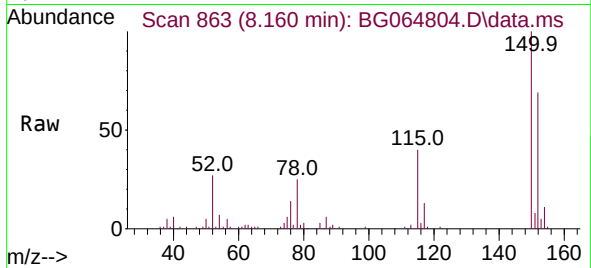
Quant Time: Nov 18 16:15:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.160 min Scan# 864
Delta R.T. -0.007 min
Lab File: BG064804.D
Acq: 18 Nov 2025 15:40

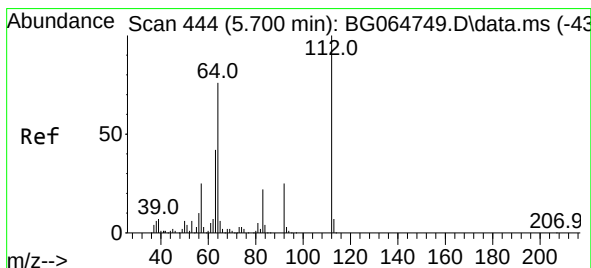
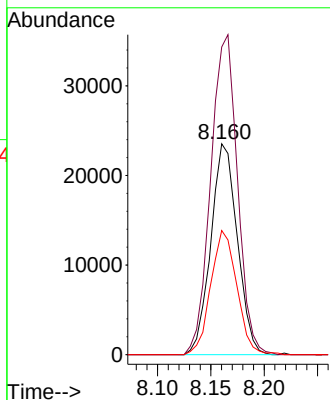
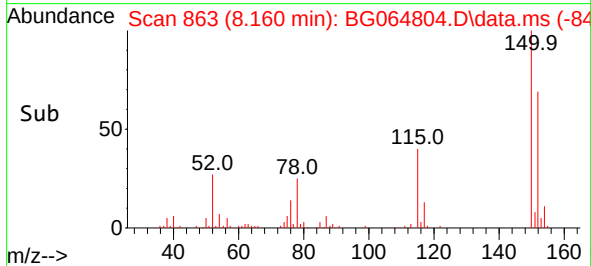
Instrument :
BNA_G
ClientSampleId :
NB-07-111725



Tgt Ion:152 Resp: 40788
Ion Ratio Lower Upper
152 100
150 145.9 129.2 193.8
115 58.9 53.7 80.5

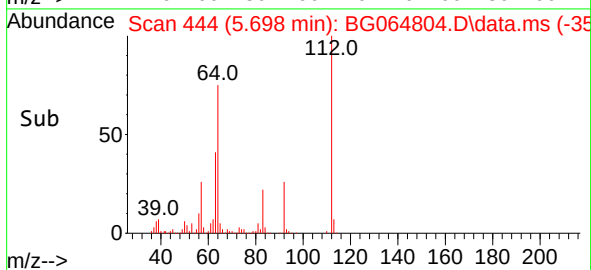
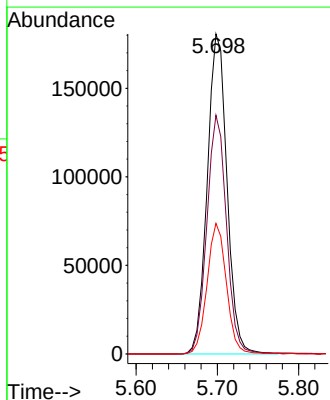
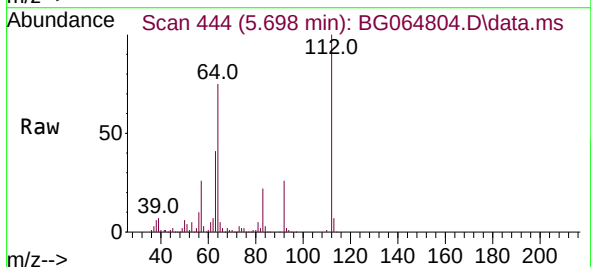
Manual Integrations
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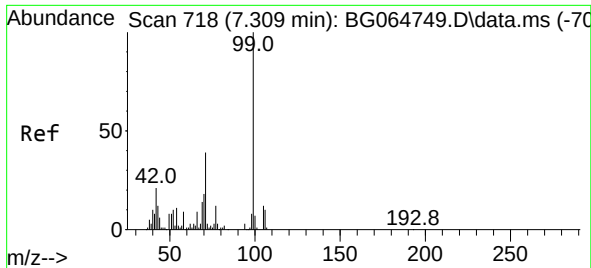
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#5
2-Fluorophenol
Concen: 130.758 ng
RT: 5.698 min Scan# 444
Delta R.T. -0.001 min
Lab File: BG064804.D
Acq: 18 Nov 2025 15:40

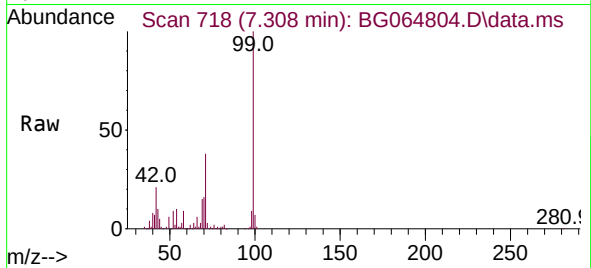
Tgt Ion:112 Resp: 305424
Ion Ratio Lower Upper
112 100
64 74.6 61.0 91.4
63 40.8 33.3 49.9





#7
Phenol-d6
Concen: 139.164 ng
RT: 7.308 min Scan# 718
Delta R.T. -0.001 min
Lab File: BG064804.D
Acq: 18 Nov 2025 15:40

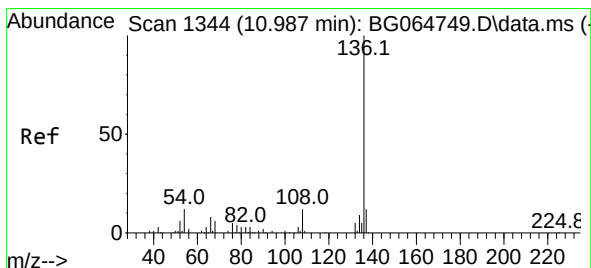
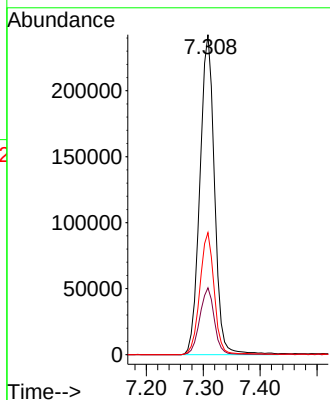
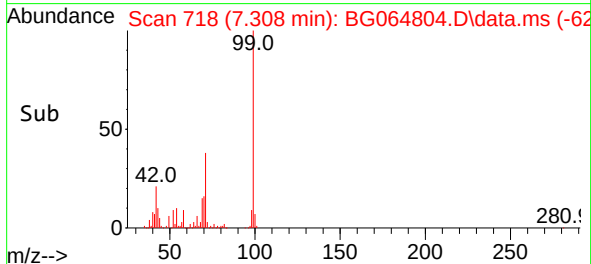
Instrument :
BNA_G
ClientSampleId :
NB-07-111725



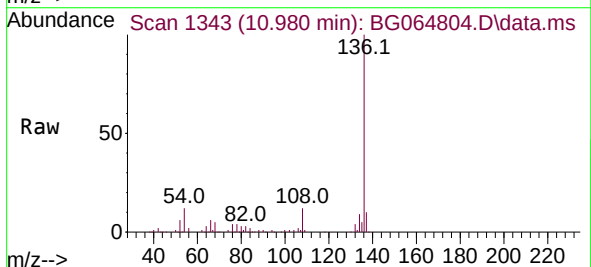
Tgt Ion: 99 Resp: 432341
Ion Ratio Lower Upper
99 100
42 20.9 16.8 25.2
71 38.1 31.1 46.7

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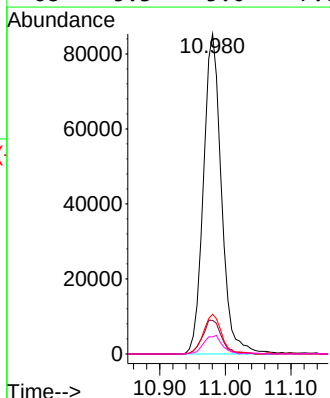
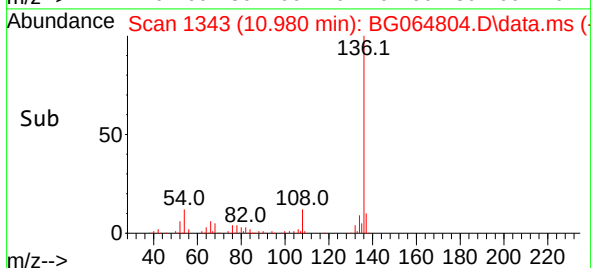
Reviewed By :Jagrut Upadhyay 11/19/2025
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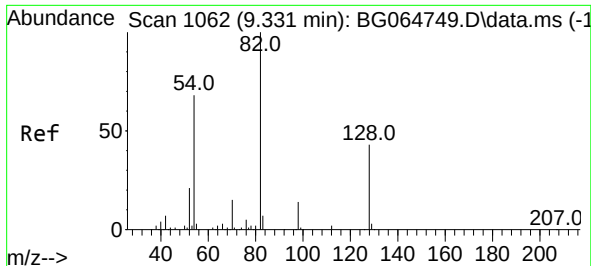


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.980 min Scan# 1343
Delta R.T. -0.007 min
Lab File: BG064804.D
Acq: 18 Nov 2025 15:40



Tgt Ion:136 Resp: 162020
Ion Ratio Lower Upper
136 100
137 10.5 9.3 13.9
54 12.4 9.3 13.9
68 5.3 5.0 7.6





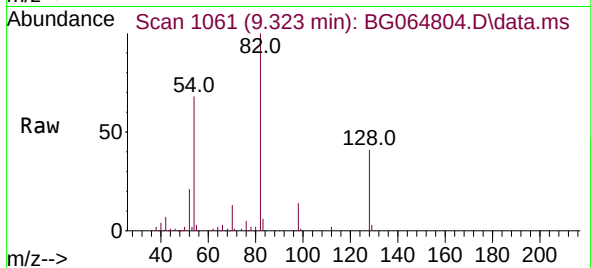
#23
Nitrobenzene-d5
Concen: 82.265 ng
RT: 9.323 min Scan# 1061
Delta R.T. -0.007 min
Lab File: BG064804.D
Acq: 18 Nov 2025 15:40

Instrument :

BNA_G

ClientSampleId :

NB-07-111725

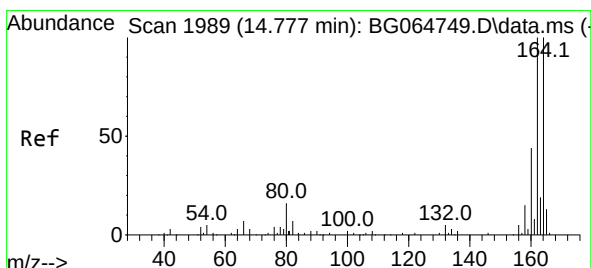
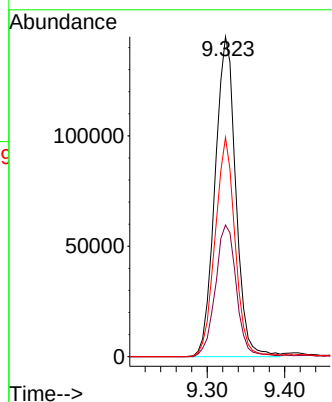
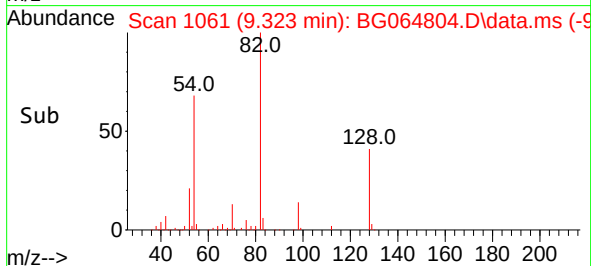


Tgt Ion: 82 Resp: 269576
Ion Ratio Lower Upper
82 100
128 41.1 34.1 51.1
54 68.5 54.3 81.5

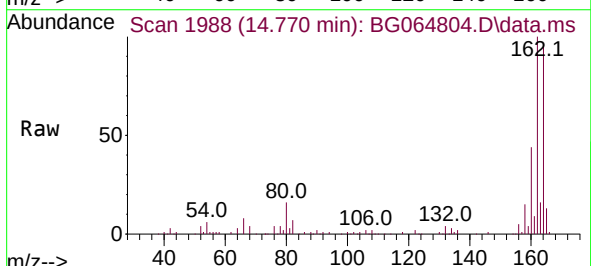
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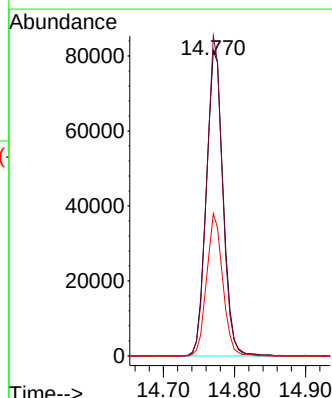
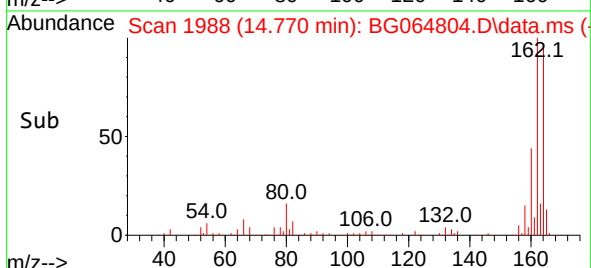
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

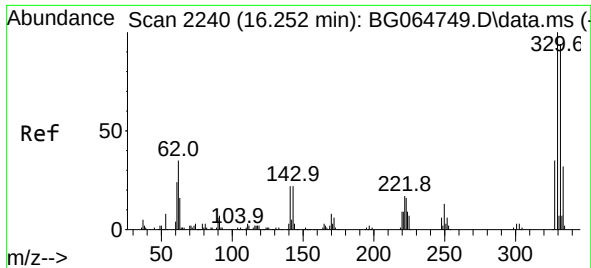


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.770 min Scan# 1988
Delta R.T. -0.007 min
Lab File: BG064804.D
Acq: 18 Nov 2025 15:40



Tgt Ion:164 Resp: 133849
Ion Ratio Lower Upper
164 100
162 104.7 79.8 119.6
160 46.6 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 127.912 ng
RT: 16.245 min Scan# 2240
Delta R.T. -0.007 min
Lab File: BG064804.D
Acq: 18 Nov 2025 15:40

Instrument :

BNA_G

ClientSampleId :

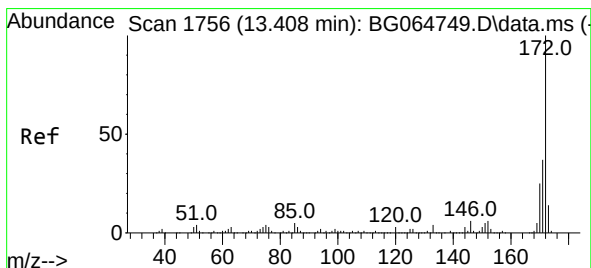
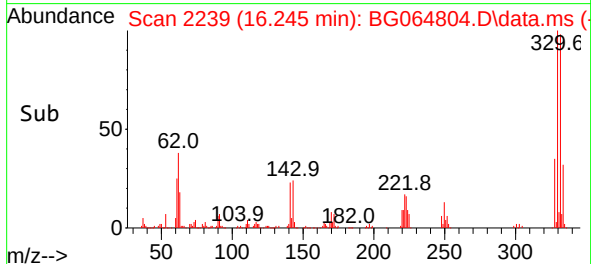
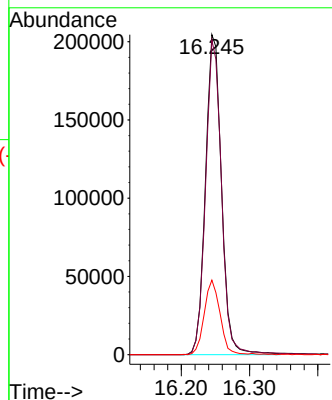
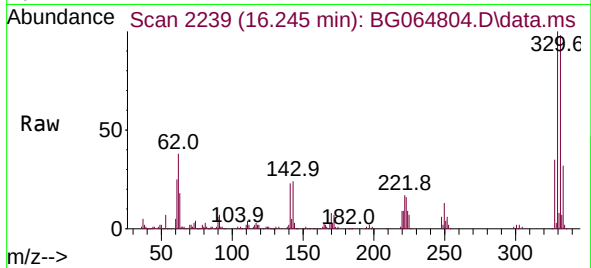
NB-07-111725

Tgt Ion:330 Resp: 333910
Ion Ratio Lower Upper
330 100
332 97.7 77.0 115.6
141 22.8 18.2 27.2

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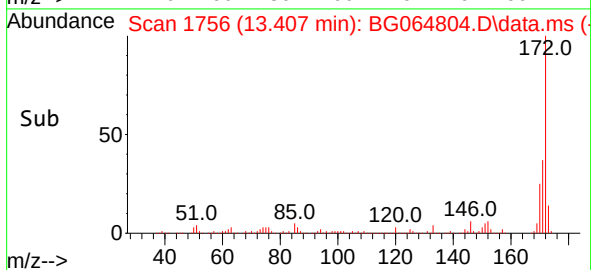
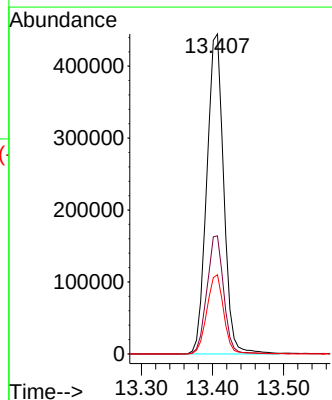
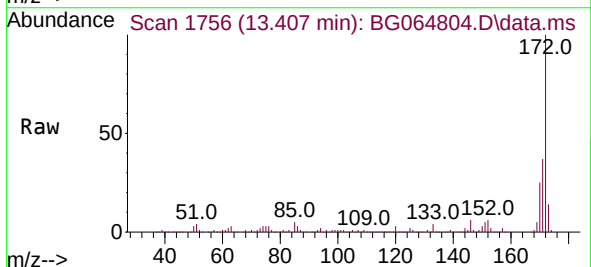
APPROVED

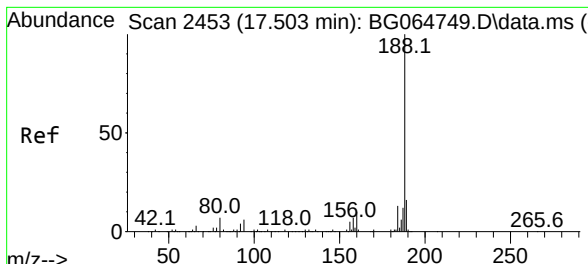
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#45
2-Fluorobiphenyl
Concen: 76.255 ng
RT: 13.407 min Scan# 1756
Delta R.T. -0.001 min
Lab File: BG064804.D
Acq: 18 Nov 2025 15:40

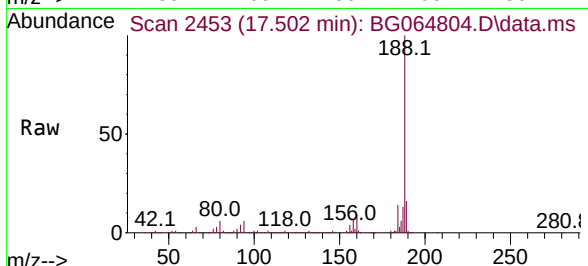
Tgt Ion:172 Resp: 731479
Ion Ratio Lower Upper
172 100
171 36.9 29.9 44.9
170 24.7 19.8 29.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.502 min Scan# 2453
Delta R.T. -0.001 min
Lab File: BG064804.D
Acq: 18 Nov 2025 15:40

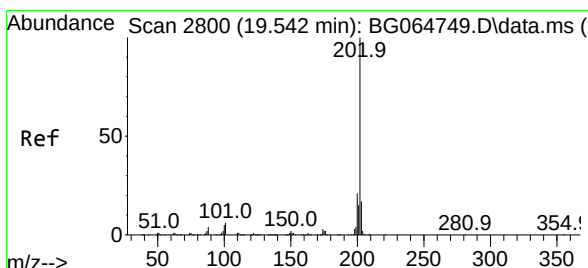
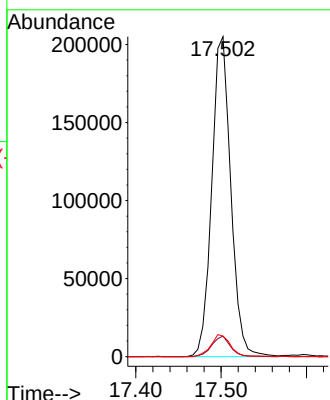
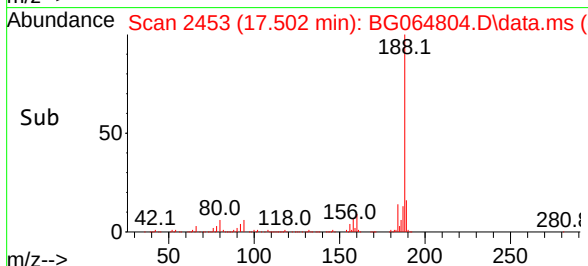
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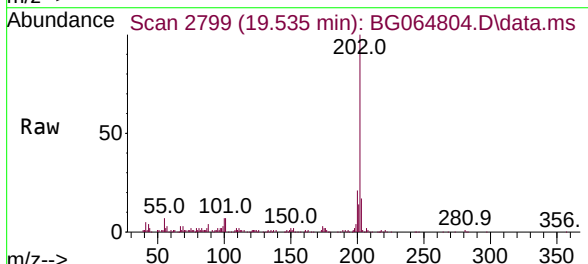
Tgt Ion:188 Resp: 317805
Ion Ratio Lower Upper
188 100
94 6.4 4.7 7.1
80 6.4 5.4 8.2

Manual Integrations
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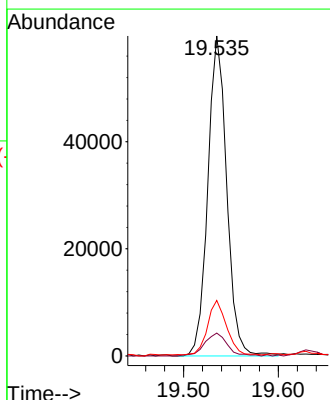
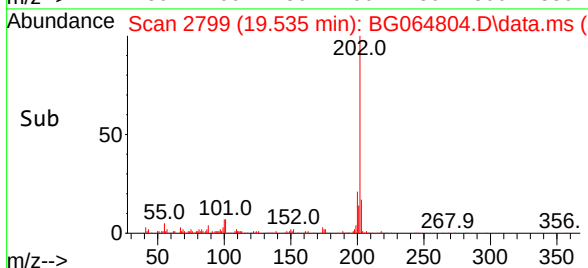
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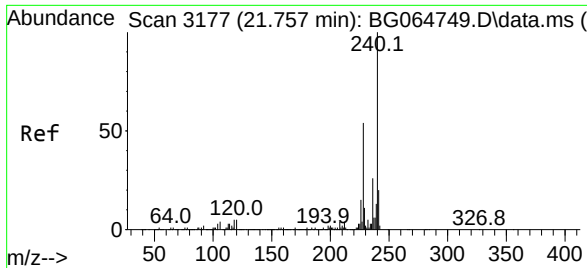


#75
Fluoranthene
Concen: 3.487 ng
RT: 19.535 min Scan# 2799
Delta R.T. -0.007 min
Lab File: BG064804.D
Acq: 18 Nov 2025 15:40



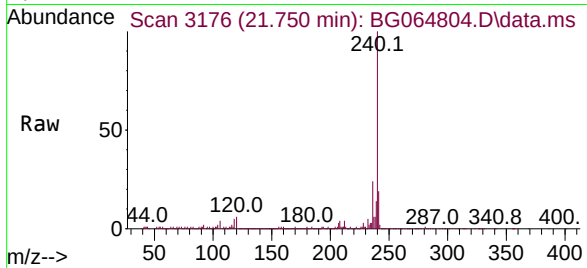
Tgt Ion:202 Resp: 82913
Ion Ratio Lower Upper
202 100
101 7.1 0.0 26.4
203 17.3 0.0 37.5





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.750 min Scan# 3177
Delta R.T. -0.007 min
Lab File: BG064804.D
Acq: 18 Nov 2025 15:40

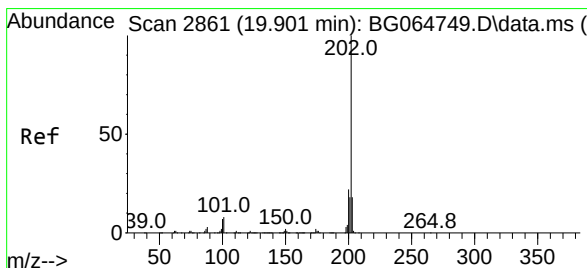
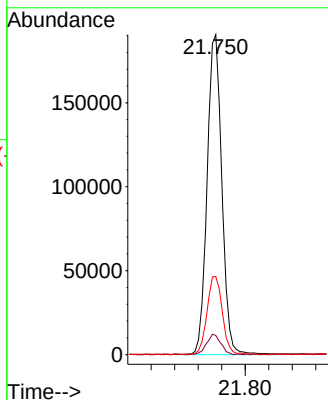
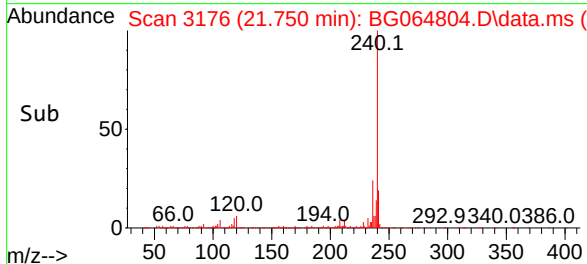
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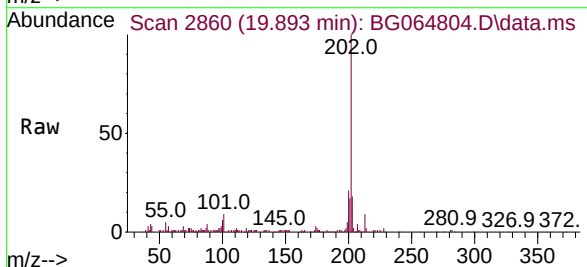
Tgt Ion:240 Resp: 331043
Ion Ratio Lower Upper
240 100
120 6.0 4.2 6.4
236 24.4 20.8 31.2

Manual Integrations
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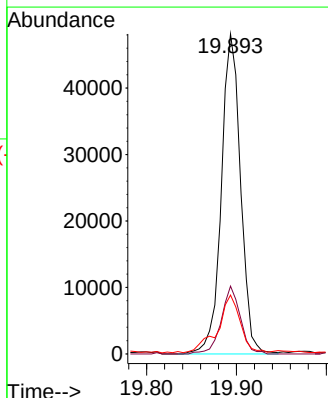
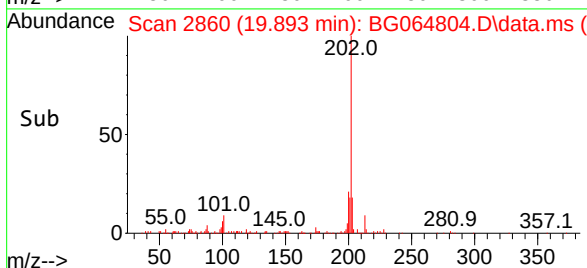
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

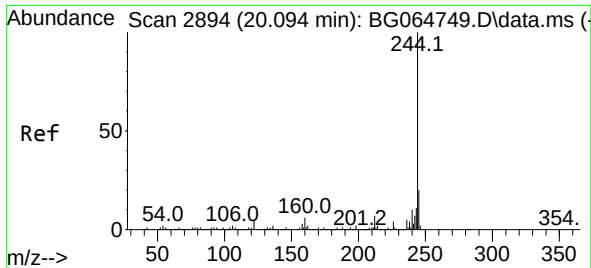


#78
Pyrene
Concen: 3.881 ng
RT: 19.893 min Scan# 2860
Delta R.T. -0.007 min
Lab File: BG064804.D
Acq: 18 Nov 2025 15:40



Tgt Ion:202 Resp: 72011
Ion Ratio Lower Upper
202 100
200 21.2 17.9 26.9
203 18.4 14.0 21.0





#79
 Terphenyl-d14
 Concen: 94.220 ng
 RT: 20.087 min Scan# 2893
 Delta R.T. -0.007 min
 Lab File: BG064804.D
 Acq: 18 Nov 2025 15:40

Instrument :

BNA_G

ClientSampleId :

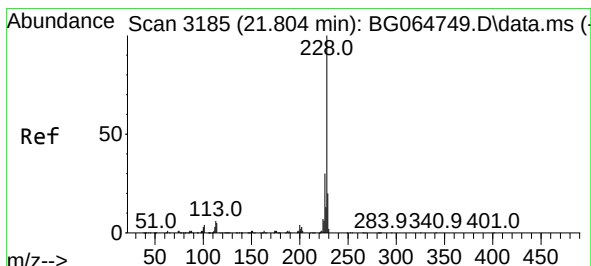
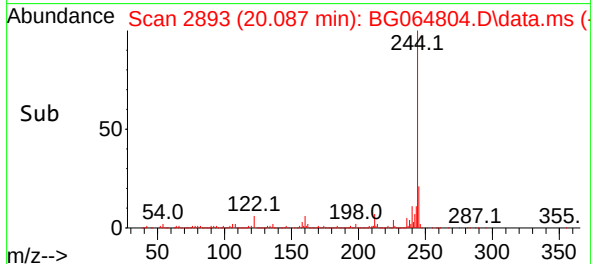
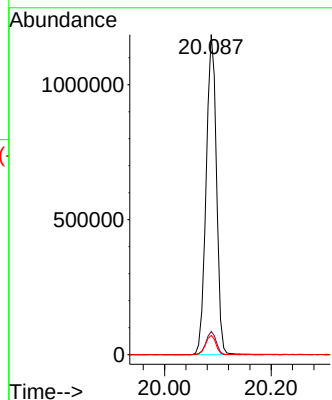
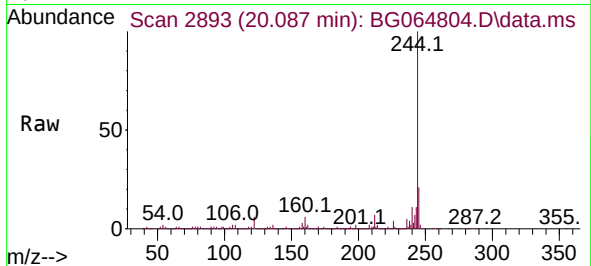
NB-07-111725

Tgt Ion:244 Resp: 1585633
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 6.0 4.3 6.5

Manual Integrations

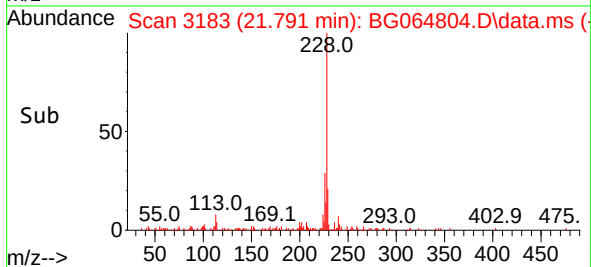
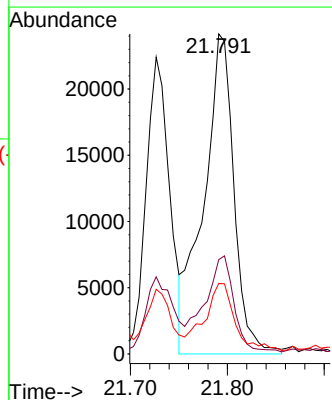
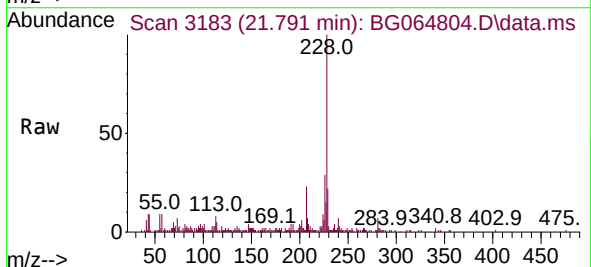
APPROVED

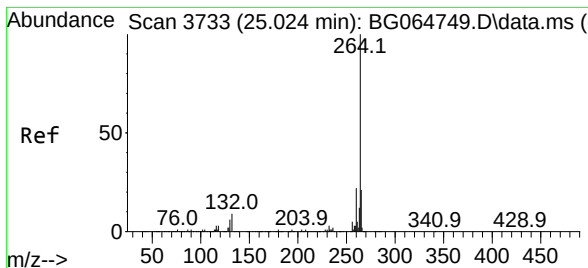
Reviewed By :Jagrut Upadhyay 11/19/2025
 Supervised By :Sohil Jodhani 11/19/2025



#83
 Chrysene
 Concen: 2.491 ng m
 RT: 21.791 min Scan# 3183
 Delta R.T. -0.013 min
 Lab File: BG064804.D
 Acq: 18 Nov 2025 15:40

Tgt Ion:228 Resp: 52853
 Ion Ratio Lower Upper
 228 100
 226 29.5 24.2 36.2
 229 22.0 16.0 24.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.005 min Scan# 31
 Delta R.T. -0.019 min
 Lab File: BG064804.D
 Acq: 18 Nov 2025 15:40

Instrument :

BNA_G

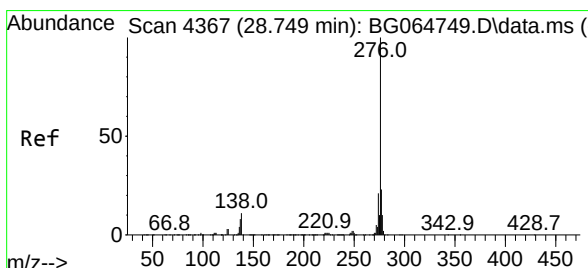
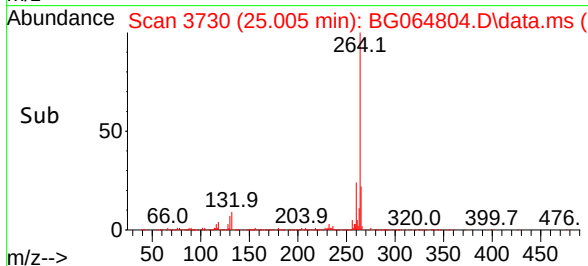
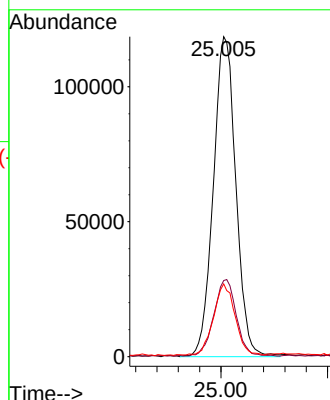
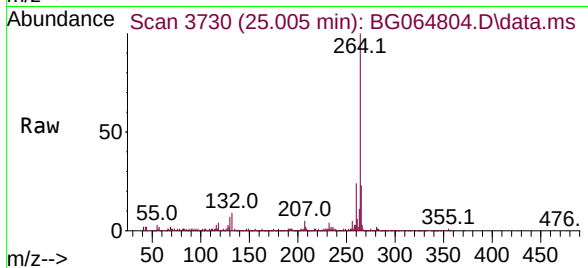
ClientSampleId :

NB-07-111725

Tgt Ion:264 Resp: 34760
 Ion Ratio Lower Upper
 264 100
 260 23.8 17.2 25.8
 265 22.7 16.6 25.0

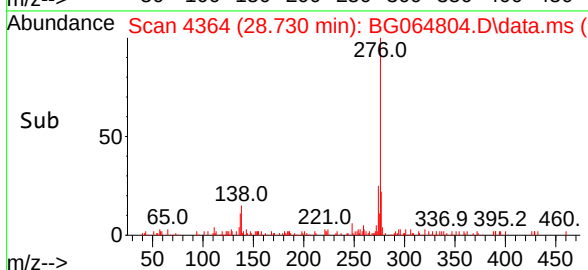
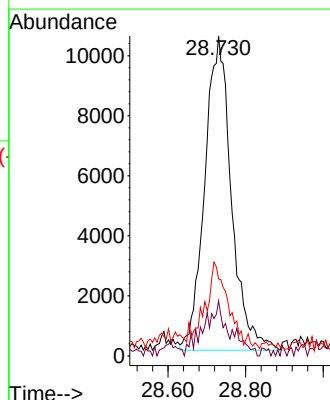
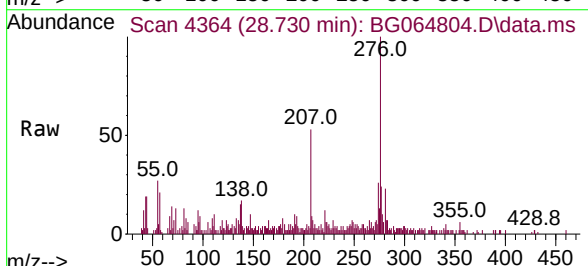
Manual Integrations
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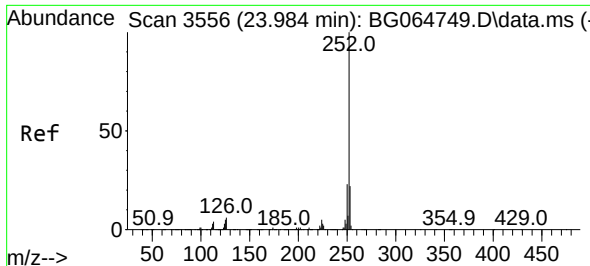
Reviewed By :Jagrut Upadhyay 11/19/2025
 Supervised By :Sohil Jodhani 11/19/2025



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.089 ng
 RT: 28.730 min Scan# 4364
 Delta R.T. -0.019 min
 Lab File: BG064804.D
 Acq: 18 Nov 2025 15:40

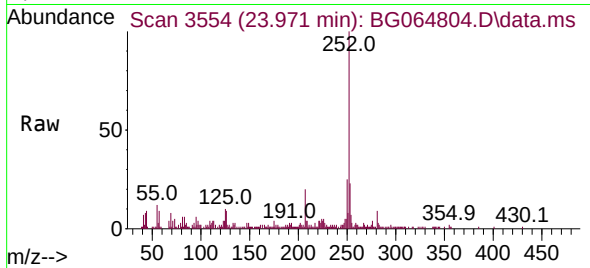
Tgt Ion:276 Resp: 49894
 Ion Ratio Lower Upper
 276 100
 138 2.9 4.5 6.7#
 277 20.6 20.0 30.0





#88
Benzo(b)fluoranthene
Concen: 3.678 ng
RT: 23.971 min Scan# 3554
Delta R.T. -0.013 min
Lab File: BG064804.D
Acq: 18 Nov 2025 15:40

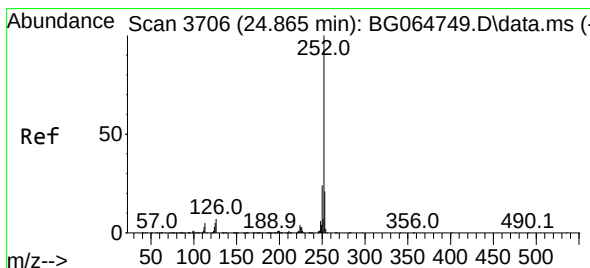
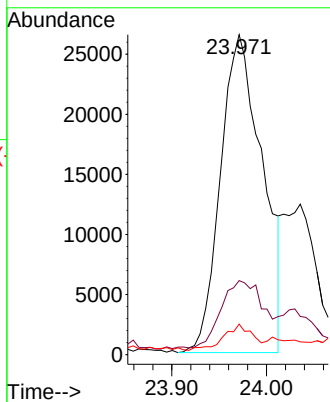
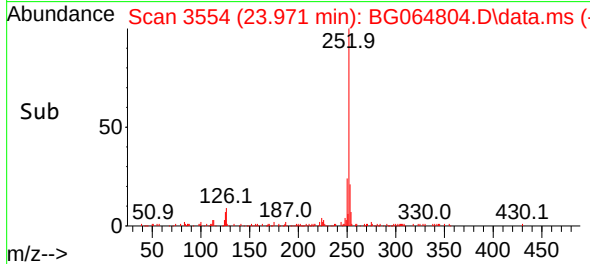
Instrument :
BNA_G
ClientSampleId :
NB-07-111725



Tgt Ion:252 Resp: 81364
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.2
125 9.5 4.2 6.2

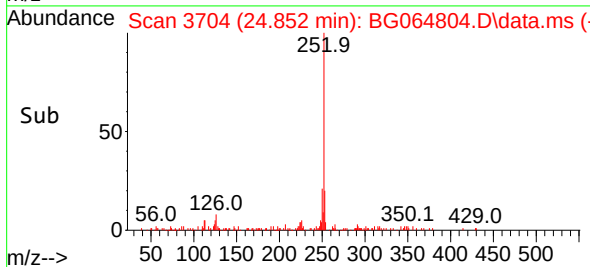
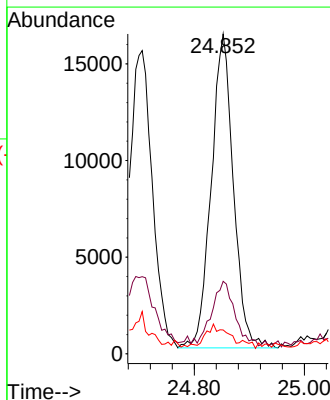
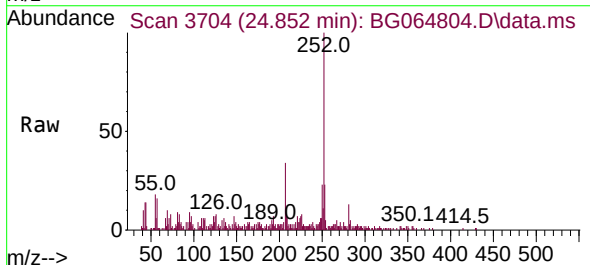
Manual Integrations
APPROVED

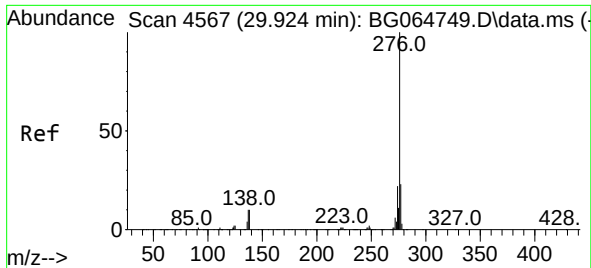
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#90
Benzo(a)pyrene
Concen: 2.215 ng
RT: 24.852 min Scan# 3704
Delta R.T. -0.013 min
Lab File: BG064804.D
Acq: 18 Nov 2025 15:40

Tgt Ion:252 Resp: 45451
Ion Ratio Lower Upper
252 100
253 22.7 16.9 25.3
125 7.5 4.2 6.4





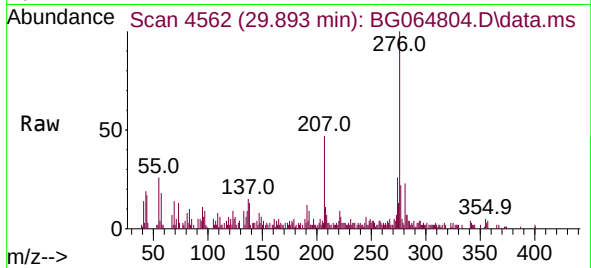
#92
Benzo(g,h,i)perylene
Concen: 2.779 ng
RT: 29.893 min Scan# 4562
Delta R.T. -0.031 min
Lab File: BG064804.D
Acq: 18 Nov 2025 15:40

Instrument :

BNA_G

ClientSampleId :

NB-07-111725



Tgt Ion:276 Resp: 52330
Ion Ratio Lower Upper
276 100
277 22.4 18.0 27.0
138 12.8 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

