

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090225\
 Data File : BG064244.D
 Acq On : 2 Sep 2025 14:03
 Operator : RC/JU
 Sample : Q2991-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 309

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/03/2025
 Supervised By :Jagrut Upadhyay 09/03/2025

Quant Time: Sep 02 14:53:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	43411	20.000	ng	0.00
21) Naphthalene-d8	10.646	136	181809	20.000	ng	# 0.00
39) Acenaphthene-d10	14.483	164	125462	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	253470	20.000	ng	0.00
76) Chrysene-d12	21.457	240	234044	20.000	ng	0.00
86) Perylene-d12	24.483	264	270065	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.482	112	215831	89.199	ng	0.04
7) Phenol-d6	7.056	99	312299	93.947	ng	0.03
23) Nitrobenzene-d5	9.007	82	189628	58.169	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	128092	77.080	ng	0.00
45) 2-Fluorobiphenyl	13.108	172	475456	57.843	ng	0.00
79) Terphenyl-d14	19.841	244	716953	63.912	ng	0.00
Target Compounds						
31) Naphthalene	10.693	128	62480	6.627	ng	Qvalue 99
37) 2-Methylnaphthalene	12.303	142	37918	5.411	ng	94
38) 1-Methylnaphthalene	12.527	142	19412m	2.805	ng	
74) Di-n-butylphthalate	18.190	149	36092	2.508	ng	# 94
84) Bis(2-ethylhexyl)phtha...	21.369	149	85948	10.294	ng	# 89

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

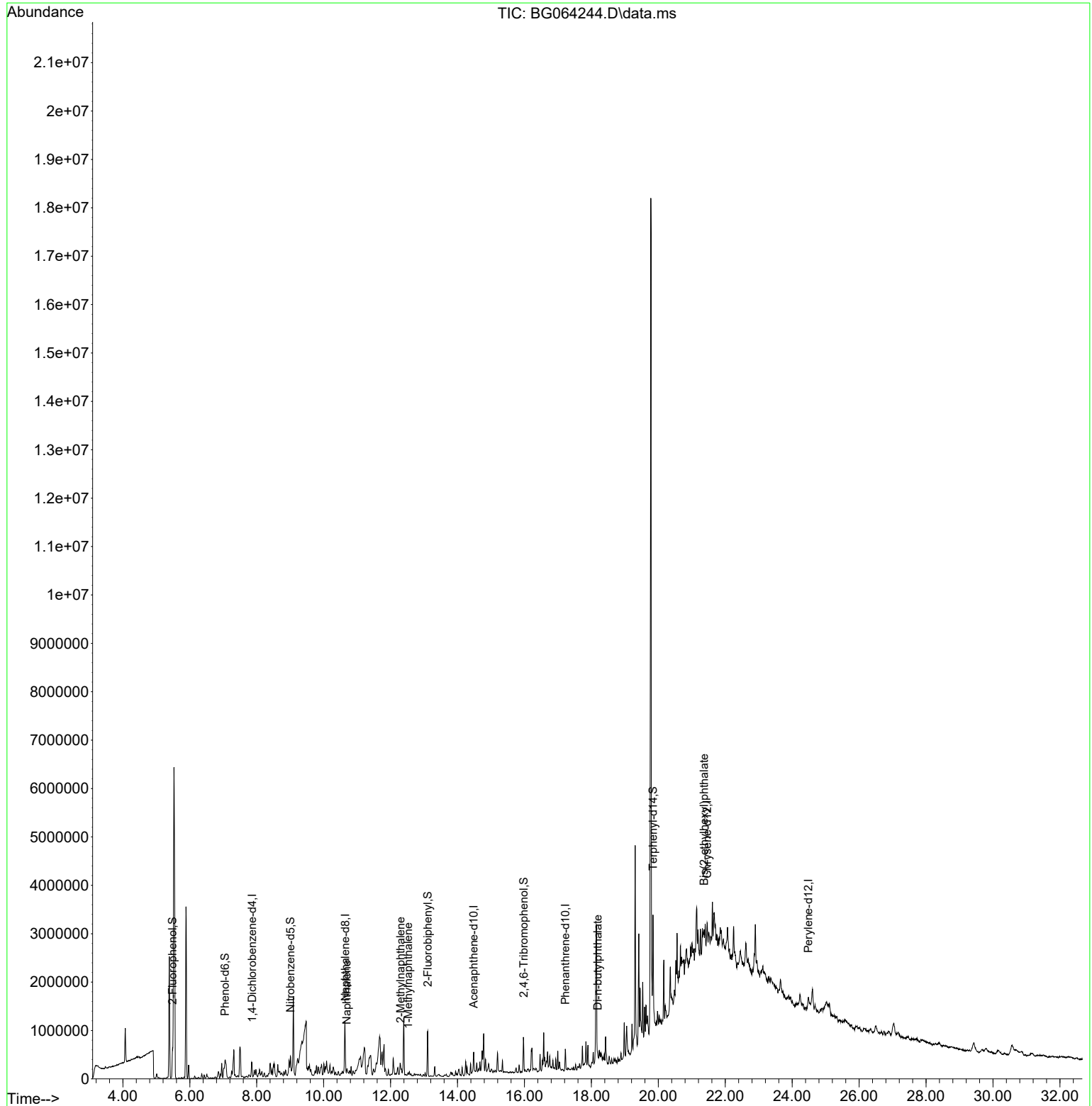
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090225\
Data File : BG064244.D
Acq On : 2 Sep 2025 14:03
Operator : RC/JU
Sample : Q2991-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

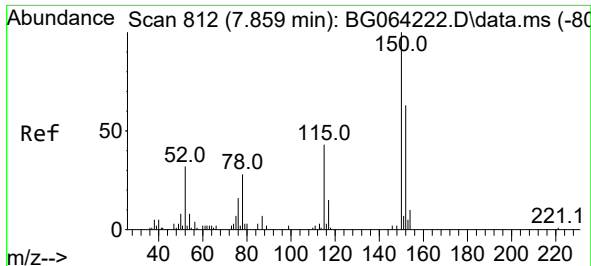
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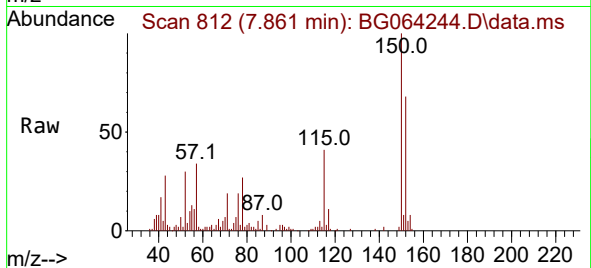
Quant Time: Sep 02 14:53:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.861 min Scan# 812
Delta R.T. 0.002 min
Lab File: BG064244.D
Acq: 2 Sep 2025 14:03

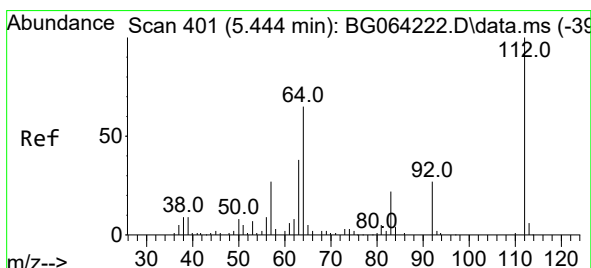
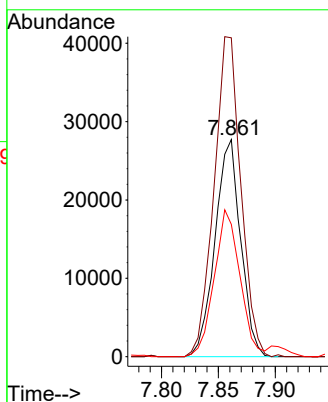
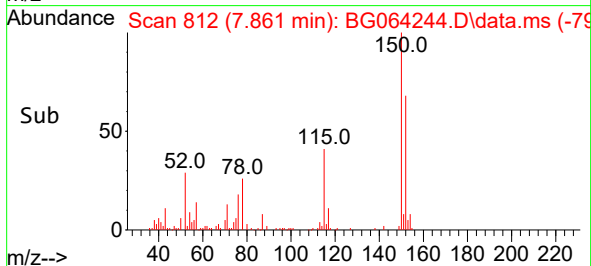
Instrument :
BNA_G
ClientSampleId :
309



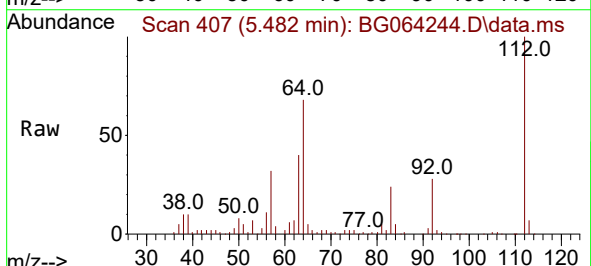
Tgt Ion:152 Resp: 4341
Ion Ratio Lower Upper
152 100
150 146.9 128.0 192.0
115 61.0 55.7 83.5

Manual Integrations
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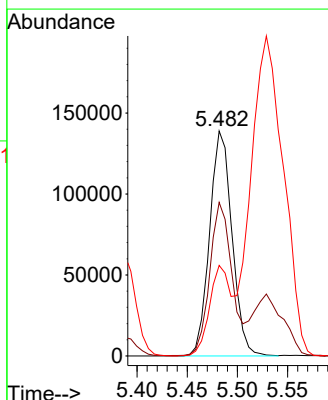
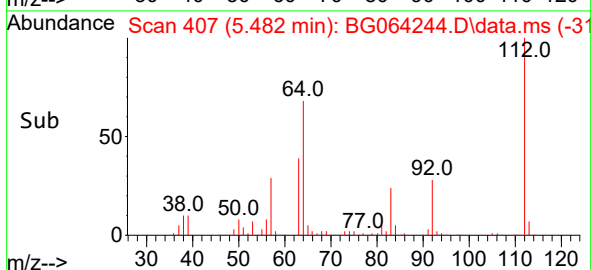
Reviewed By :Rahul Chavli 09/03/2025
Supervised By :Jagrut Upadhyay 09/03/2025

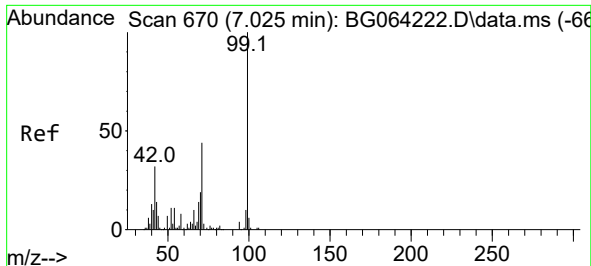


#5
2-Fluorophenol
Concen: 89.199 ng
RT: 5.482 min Scan# 407
Delta R.T. 0.038 min
Lab File: BG064244.D
Acq: 2 Sep 2025 14:03



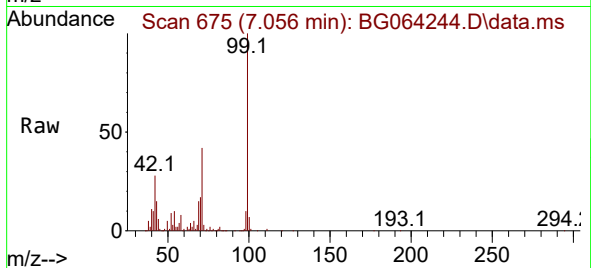
Tgt Ion:112 Resp: 215831
Ion Ratio Lower Upper
112 100
64 68.2 51.8 77.6
63 40.2 30.6 45.8





#7
Phenol-d6
Concen: 93.947 ng
RT: 7.056 min Scan# 61
Delta R.T. 0.026 min
Lab File: BG064244.D
Acq: 2 Sep 2025 14:03

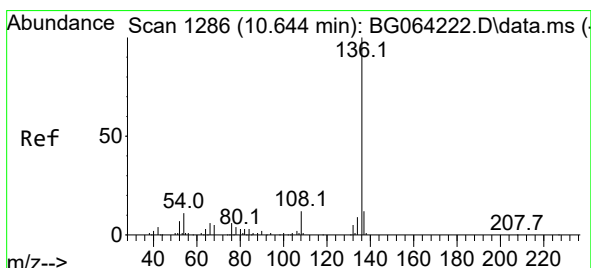
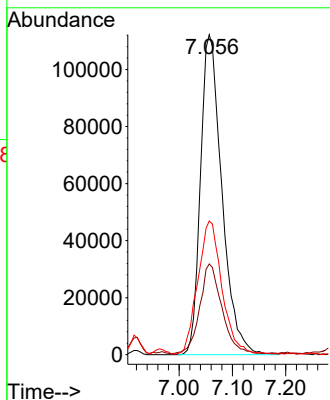
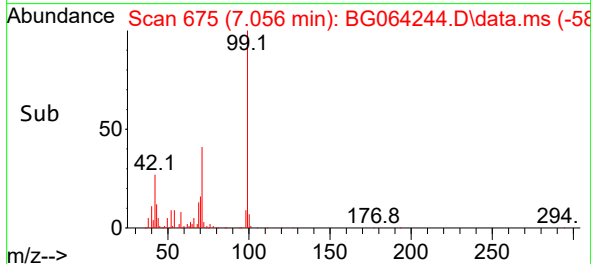
Instrument :
BNA_G
ClientSampleId :
309



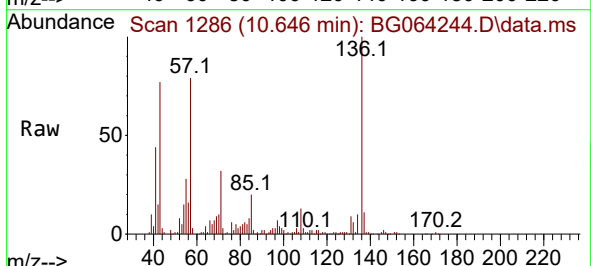
Tgt Ion: 99 Resp: 31229
Ion Ratio Lower Upper
99 100
42 28.4 25.8 38.8
71 41.8 35.2 52.8

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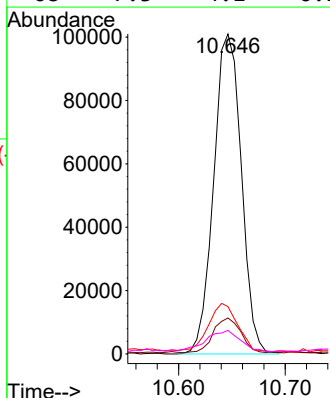
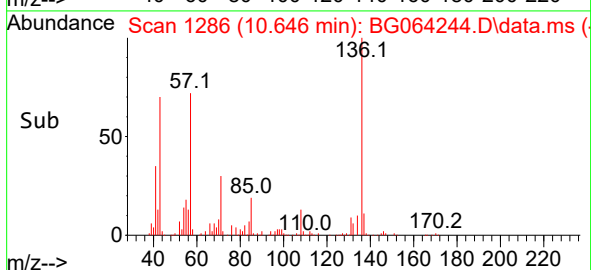
Reviewed By :Rahul Chavli 09/03/2025
Supervised By :Jagrut Upadhyay 09/03/2025

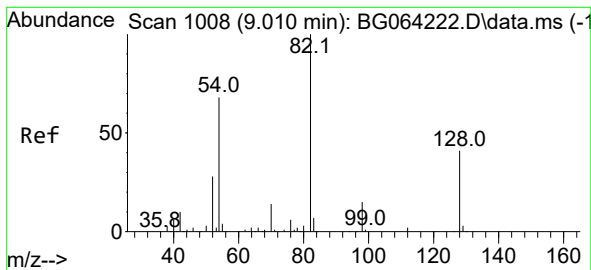


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.646 min Scan# 1286
Delta R.T. -0.004 min
Lab File: BG064244.D
Acq: 2 Sep 2025 14:03



Tgt Ion:136 Resp: 181809
Ion Ratio Lower Upper
136 100
137 11.3 9.6 14.4
54 14.8 8.8 13.2#
68 7.3 4.1 6.1#





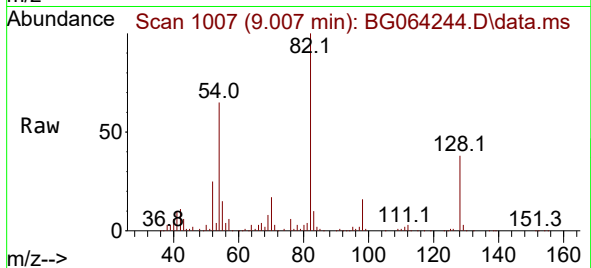
#23
Nitrobenzene-d5
Concen: 58.169 ng
RT: 9.007 min Scan# 1007
Delta R.T. -0.010 min
Lab File: BG064244.D
Acq: 2 Sep 2025 14:03

Instrument :

BNA_G

ClientSampleId :

309



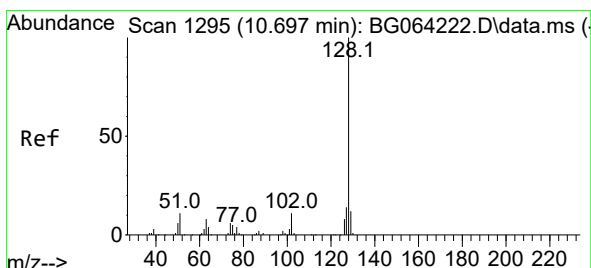
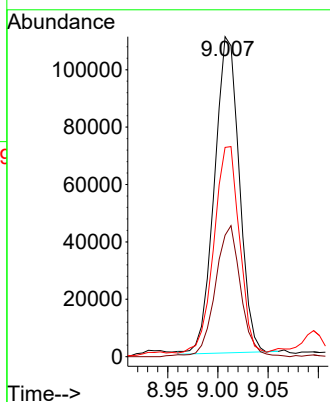
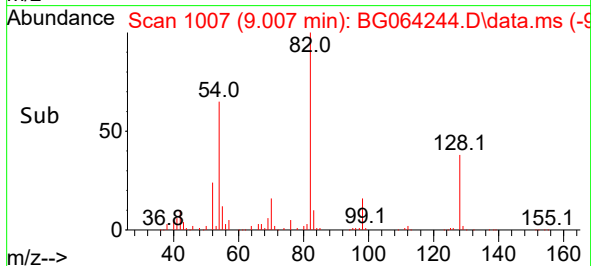
Tgt Ion: 82 Resp: 189628
Ion Ratio Lower Upper
82 100
128 37.9 32.6 48.8
54 65.4 54.7 82.1

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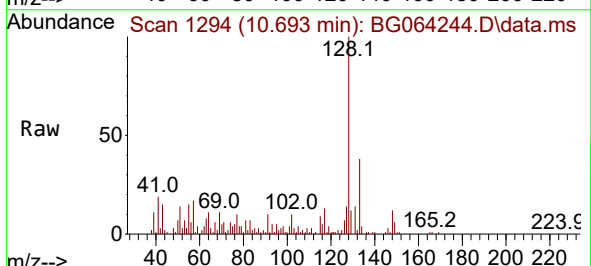
APPROVED

Reviewed By :Rahul Chavli 09/03/2025

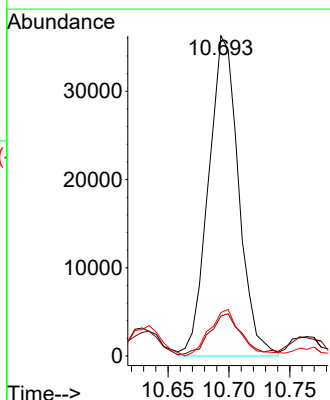
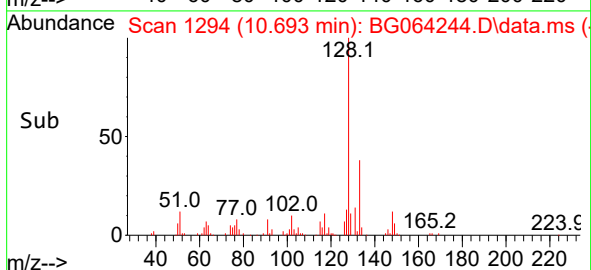
Supervised By :Jagrut Upadhyay 09/03/2025

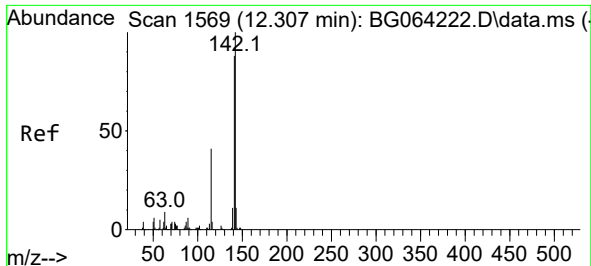


#31
Naphthalene
Concen: 6.627 ng
RT: 10.693 min Scan# 1294
Delta R.T. -0.004 min
Lab File: BG064244.D
Acq: 2 Sep 2025 14:03



Tgt Ion:128 Resp: 62480
Ion Ratio Lower Upper
128 100
129 12.5 9.4 14.2
127 13.5 10.9 16.3





#37

2-Methylnaphthalene

Concen: 5.411 ng

RT: 12.303 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG064244.D

Acq: 2 Sep 2025 14:03

Instrument :

BNA_G

ClientSampleId :

309

Tgt Ion:142 Resp: 37918

Ion Ratio Lower Upper

142 100

141 82.1 70.1 105.1

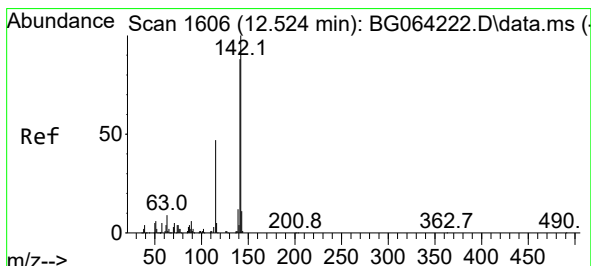
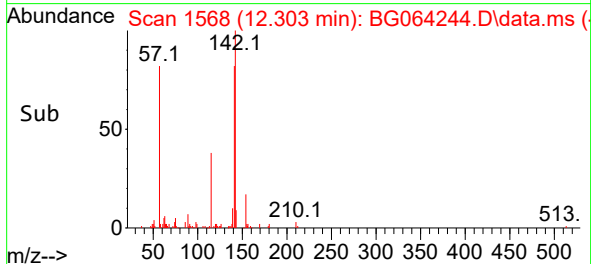
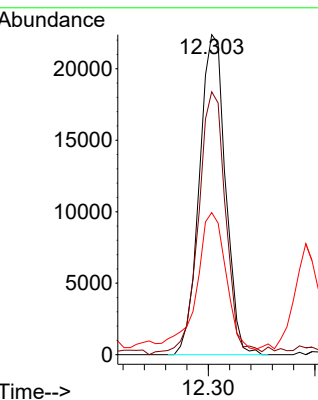
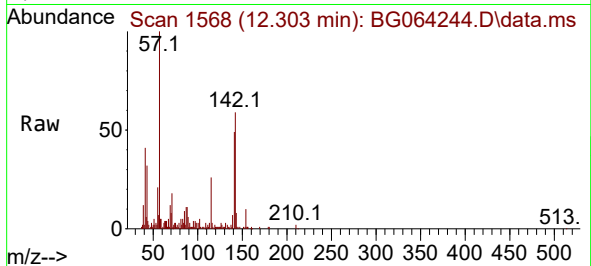
115 44.4 33.1 49.7

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#38

1-Methylnaphthalene

Concen: 2.805 ng m

RT: 12.527 min Scan# 1606

Delta R.T. 0.002 min

Lab File: BG064244.D

Acq: 2 Sep 2025 14:03

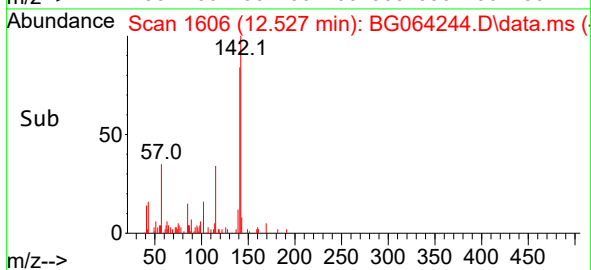
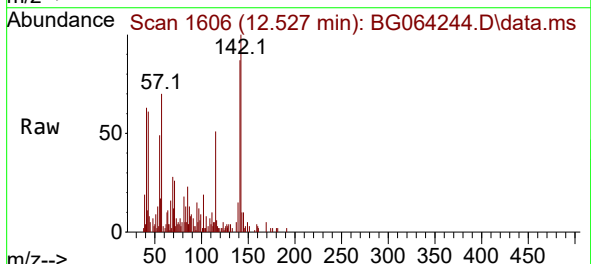
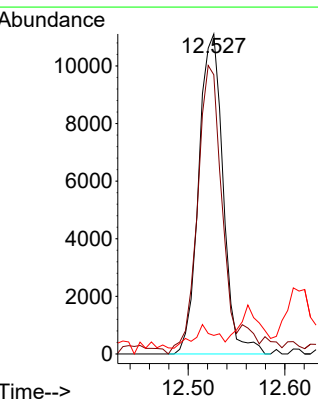
Tgt Ion:142 Resp: 19412

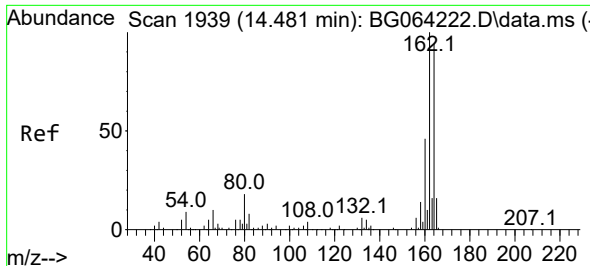
Ion Ratio Lower Upper

142 100

141 87.3 70.3 105.5

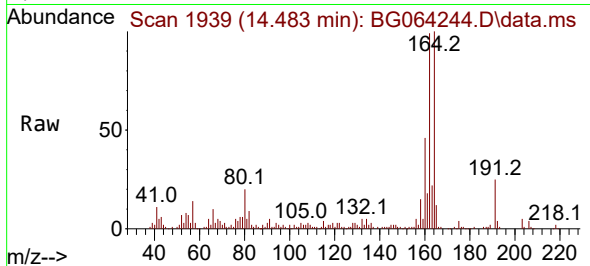
116 5.8 3.7 5.5#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.483 min Scan# 1939
Delta R.T. 0.002 min
Lab File: BG064244.D
Acq: 2 Sep 2025 14:03

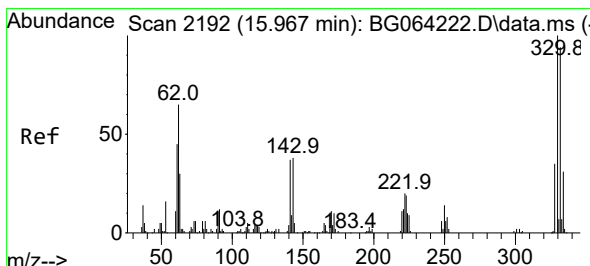
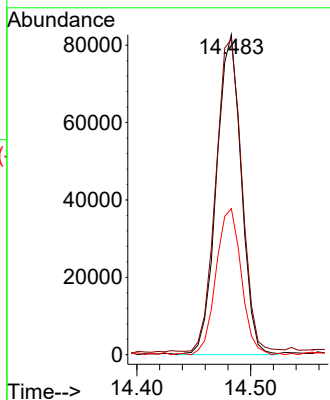
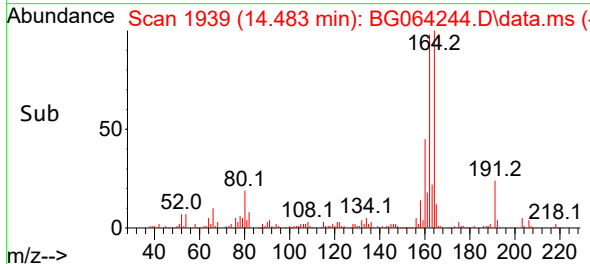
Instrument :
BNA_G
ClientSampleId :
309



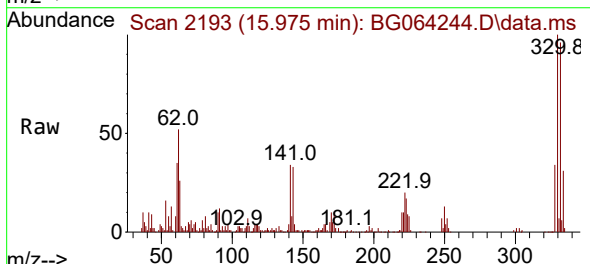
Tgt Ion:164 Resp: 125462
Ion Ratio Lower Upper
164 100
162 98.7 85.4 128.0
160 45.6 39.2 58.8

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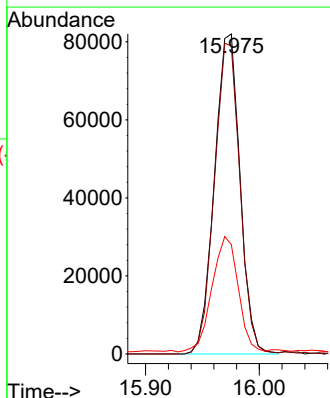
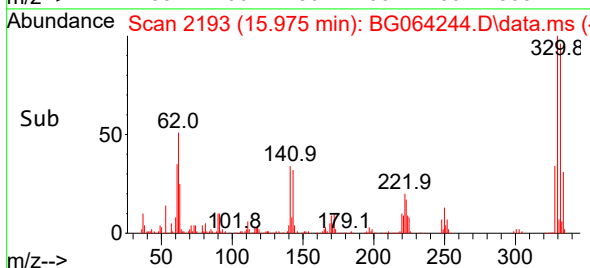
Reviewed By :Rahul Chavli 09/03/2025
Supervised By :Jagrut Upadhyay 09/03/2025

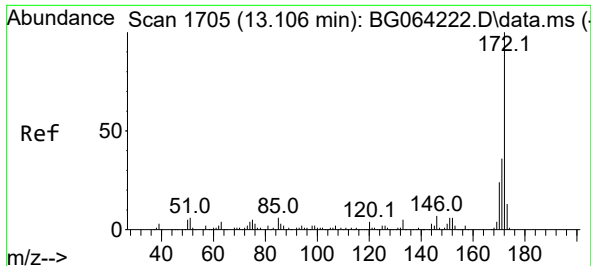


#42
2,4,6-Tribromophenol
Concen: 77.080 ng
RT: 15.975 min Scan# 2193
Delta R.T. 0.002 min
Lab File: BG064244.D
Acq: 2 Sep 2025 14:03



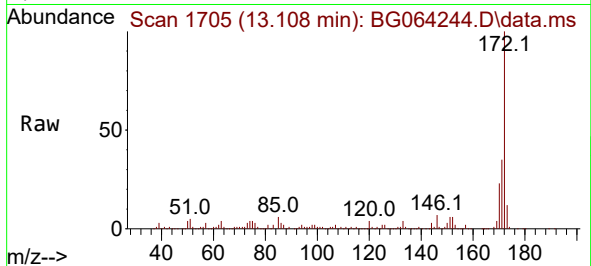
Tgt Ion:330 Resp: 128092
Ion Ratio Lower Upper
330 100
332 96.8 77.6 116.4
141 36.8 29.8 44.6





#45
2-Fluorobiphenyl
Concen: 57.843 ng
RT: 13.108 min Scan# 1705
Delta R.T. -0.004 min
Lab File: BG064244.D
Acq: 2 Sep 2025 14:03

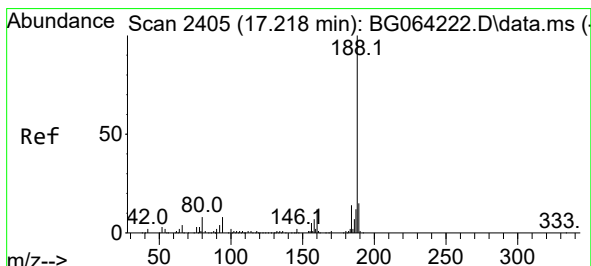
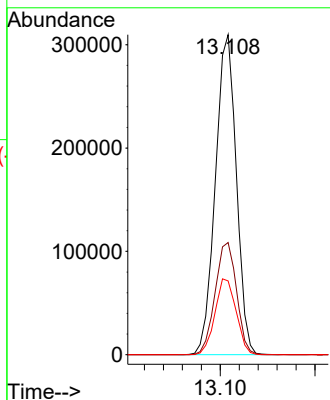
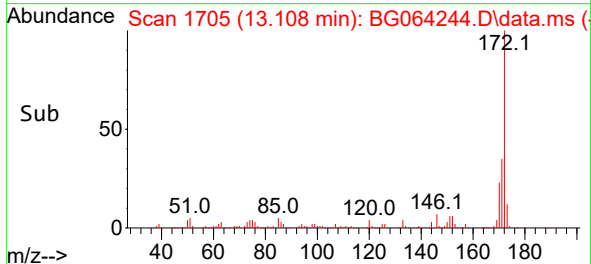
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ClientSampleId :
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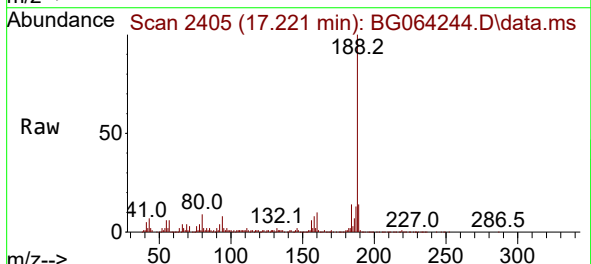
Tgt Ion:172 Resp: 475450
Ion Ratio Lower Upper
172 100
171 35.1 28.7 43.1
170 23.0 19.0 28.6

Manual Integrations
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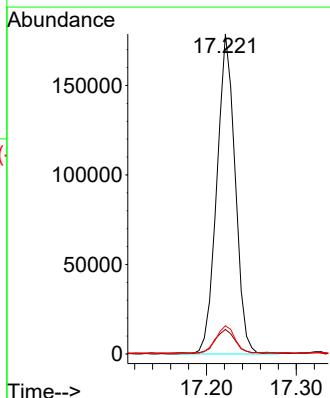
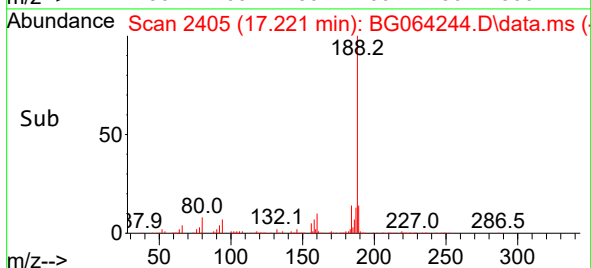
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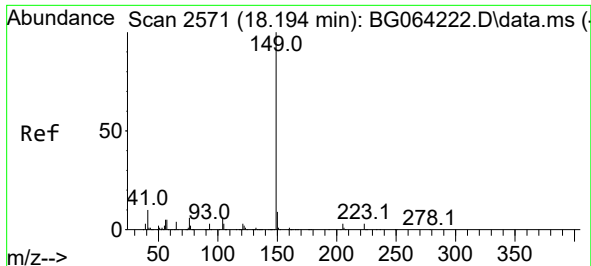


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2405
Delta R.T. -0.004 min
Lab File: BG064244.D
Acq: 2 Sep 2025 14:03



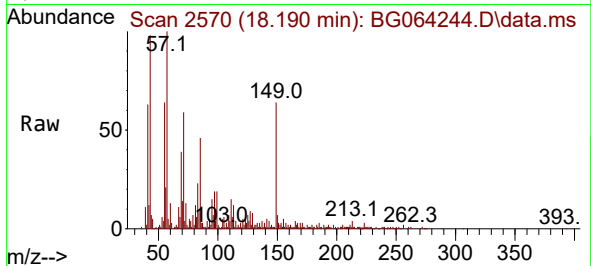
Tgt Ion:188 Resp: 253470
Ion Ratio Lower Upper
188 100
94 7.7 6.2 9.4
80 8.8 6.8 10.2





#74
Di-n-butylphthalate
Concen: 2.508 ng
RT: 18.190 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064244.D
Acq: 2 Sep 2025 14:03

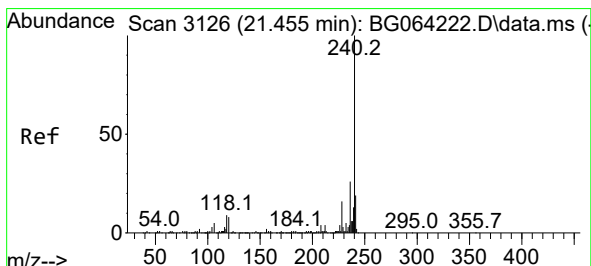
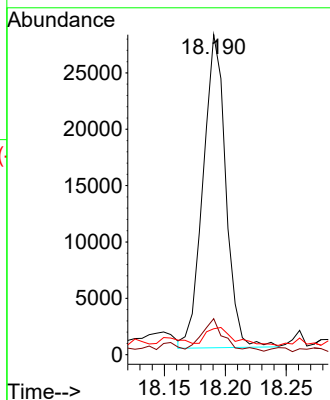
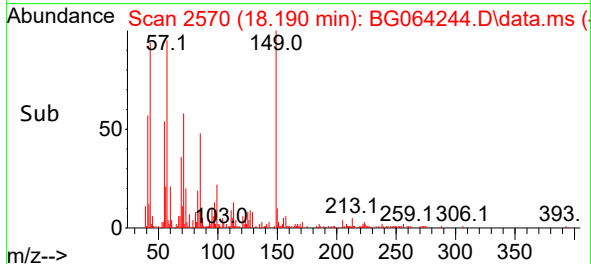
Instrument :
BNA_G
ClientSampleId :
309



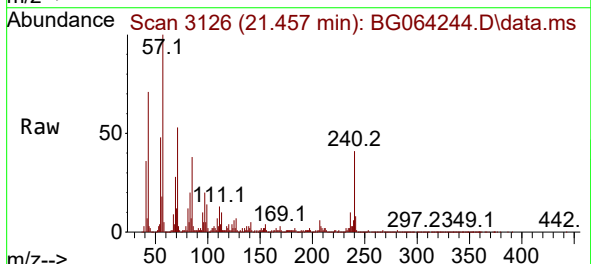
Tgt Ion:149 Resp: 36092
Ion Ratio Lower Upper
149 100
150 11.2 7.5 11.3
104 8.1 4.6 7.0

Manual Integrations
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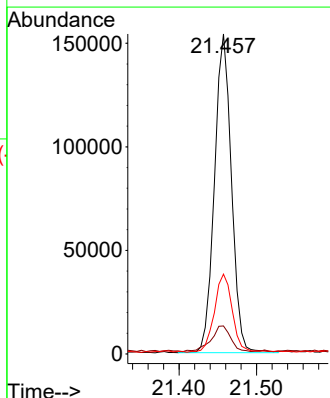
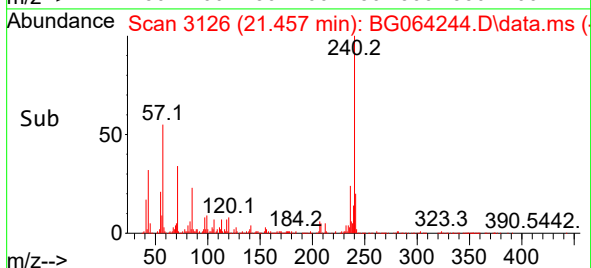
Reviewed By :Rahul Chavli 09/03/2025
Supervised By :Jagrut Upadhyay 09/03/2025

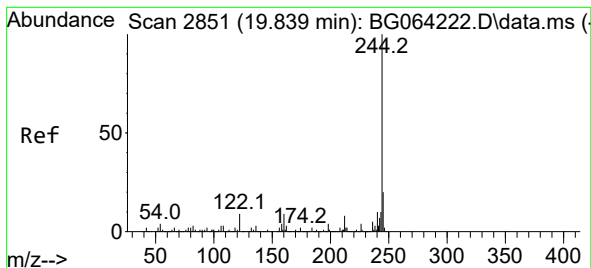


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.457 min Scan# 3126
Delta R.T. 0.002 min
Lab File: BG064244.D
Acq: 2 Sep 2025 14:03



Tgt Ion:240 Resp: 234044
Ion Ratio Lower Upper
240 100
120 8.8 6.2 9.4
236 24.9 20.5 30.7





#79

Terphenyl-d14

Concen: 63.912 ng

RT: 19.841 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG064244.D

Acq: 2 Sep 2025 14:03

Instrument :

BNA_G

ClientSampleId :

309

Tgt Ion:244 Resp: 71695

Ion Ratio Lower Upper

244 100

212 8.6 6.6 10.0

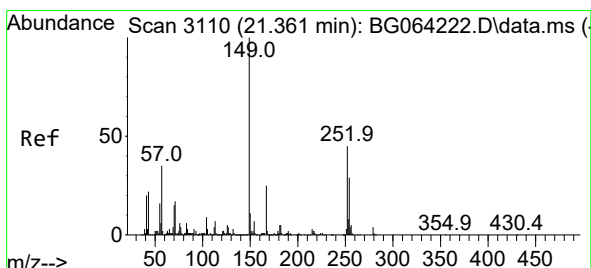
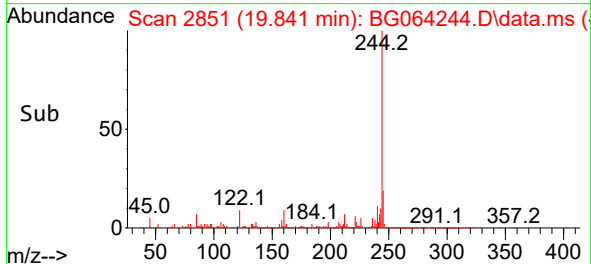
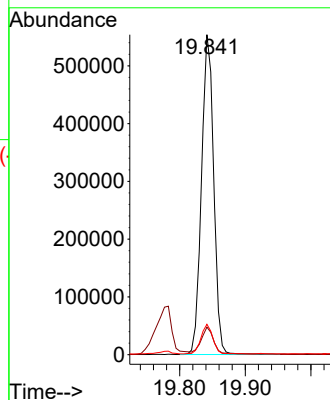
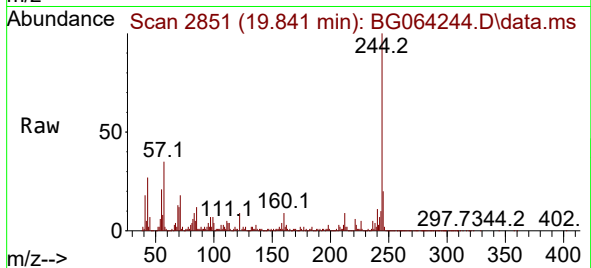
122 9.5 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/03/2025

Supervised By :Jagrut Upadhyay 09/03/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 10.294 ng

RT: 21.369 min Scan# 3111

Delta R.T. 0.002 min

Lab File: BG064244.D

Acq: 2 Sep 2025 14:03

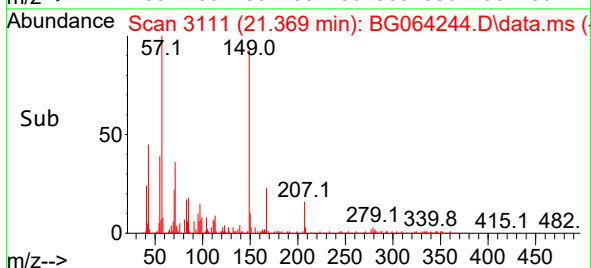
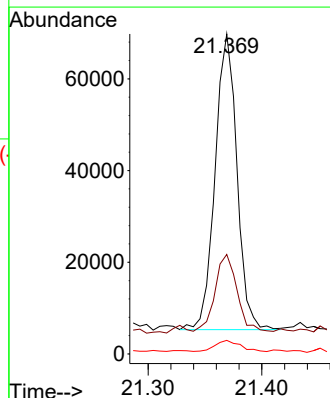
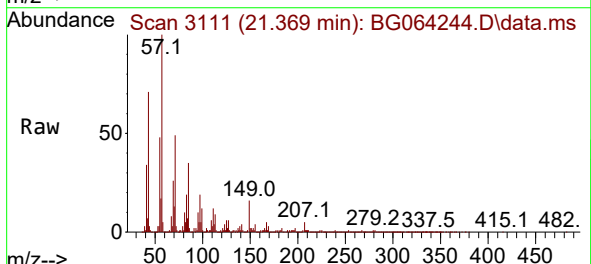
Tgt Ion:149 Resp: 85948

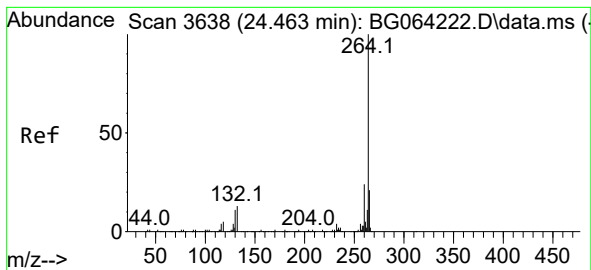
Ion Ratio Lower Upper

149 100

167 31.1 20.0 30.0#

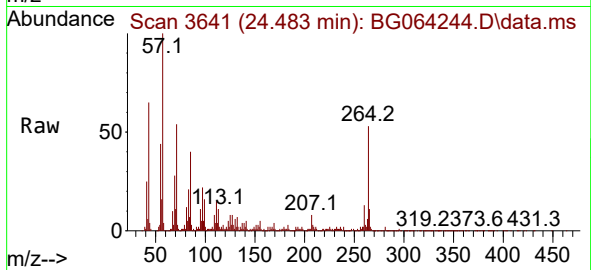
279 4.3 3.0 4.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.483 min Scan# 309
Delta R.T. 0.020 min
Lab File: BG064244.D
Acq: 2 Sep 2025 14:03

Instrument :
BNA_G
ClientSampleId :
309



Tgt Ion:264 Resp: 270065
Ion Ratio Lower Upper
264 100
260 24.3 18.9 28.3
265 21.3 16.7 25.1

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 09/03/2025
Supervised By :Jagrut Upadhyay 09/03/2025

