

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022825\
 Data File : BN036521.D
 Acq On : 28 Feb 2025 18:19
 Operator : RC/JU
 Sample : SSTD16016
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD160208

Manual Integrations
 APPROVED

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

Quant Time: Mar 03 10:41:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN022825.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 03 08:48:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	96990	20.000	ng/ul	0.00
20) Naphthalene-d8	10.516	136	454390	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.375	164	317222	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.122	188	640027	20.000	ng/ul	0.00
79) Chrysene-d12	21.363	240	669657	20.000	ng/ul	0.01
88) Perylene-d12	24.339	264	710590	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.611	84	1173041	168.121	ng/ul	0.00
7) Phenol-d5	6.916	99	1516814	183.414	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.069	67	992357	180.966	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.457	113	1243605	185.874	ng/ul	0.02
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	10.669	131	1635204	162.849	ng/ul	0.02
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0d	0.000	ng/ul	
54) 4-Nitrophenol-d4	14.616	143	745632	176.594	ng/ul	0.04
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.510	200	753482	177.277	ng/ul	0.03
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/ul	
Target Compounds					Qvalue	
5) Pyridine	3.634	79	1214076	169.745	ng/ul	96
6) Benzaldehyde	6.869	77	437196	87.100	ng/ul	99
8) Phenol	6.946	94	1595608	184.868	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.163	93	1191159	174.298	ng/ul	98
13) 2-Methylphenol	8.181	108	1156551	182.509	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.252	45	2192716	197.363	ng/ul	99
16) Acetophenone	8.563	105	1948011	175.411	ng/ul	100
18) 4-Methylphenol	8.534	108	1286799	184.059	ng/ul	96
32) 4-Chloroaniline	10.693	127	1559288	161.232	ng/ul	98
34) Caprolactam	11.534	113	463380m	182.739	ng/ul	
40) Hexachlorocyclopentadiene	12.545	237	823574	146.504	ng/ul	95
51) 3-Nitroaniline	14.298	138	753706	158.299	ng/ul	99
53) 2,4-Dinitrophenol	14.498	184	584462	193.899	ng/ul	97
55) 4-Nitrophenol	14.634	109	699830	156.952	ng/ul	97
63) 4-Nitroaniline	15.475	138	628379	133.687	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.528	198	769395	168.564	ng/ul#	96
70) Atrazine	16.604	200	1020486	133.632	ng/ul	96
71) Pentachlorophenol	16.775	266	788262	155.857	ng/ul	99
77) Carbazole	17.533	167	5070720	158.268	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.269	252	1719496	143.528	ng/ul	97
89) Di-n-octyl phthalate	22.398	149	8040685	144.919	ng/ul	100

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

Instrument :

BNA_N

ClientSampleId :

SSTD160208

Manual Integrations

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Supervised By :Jagrut Upadhyay 03/03/2025

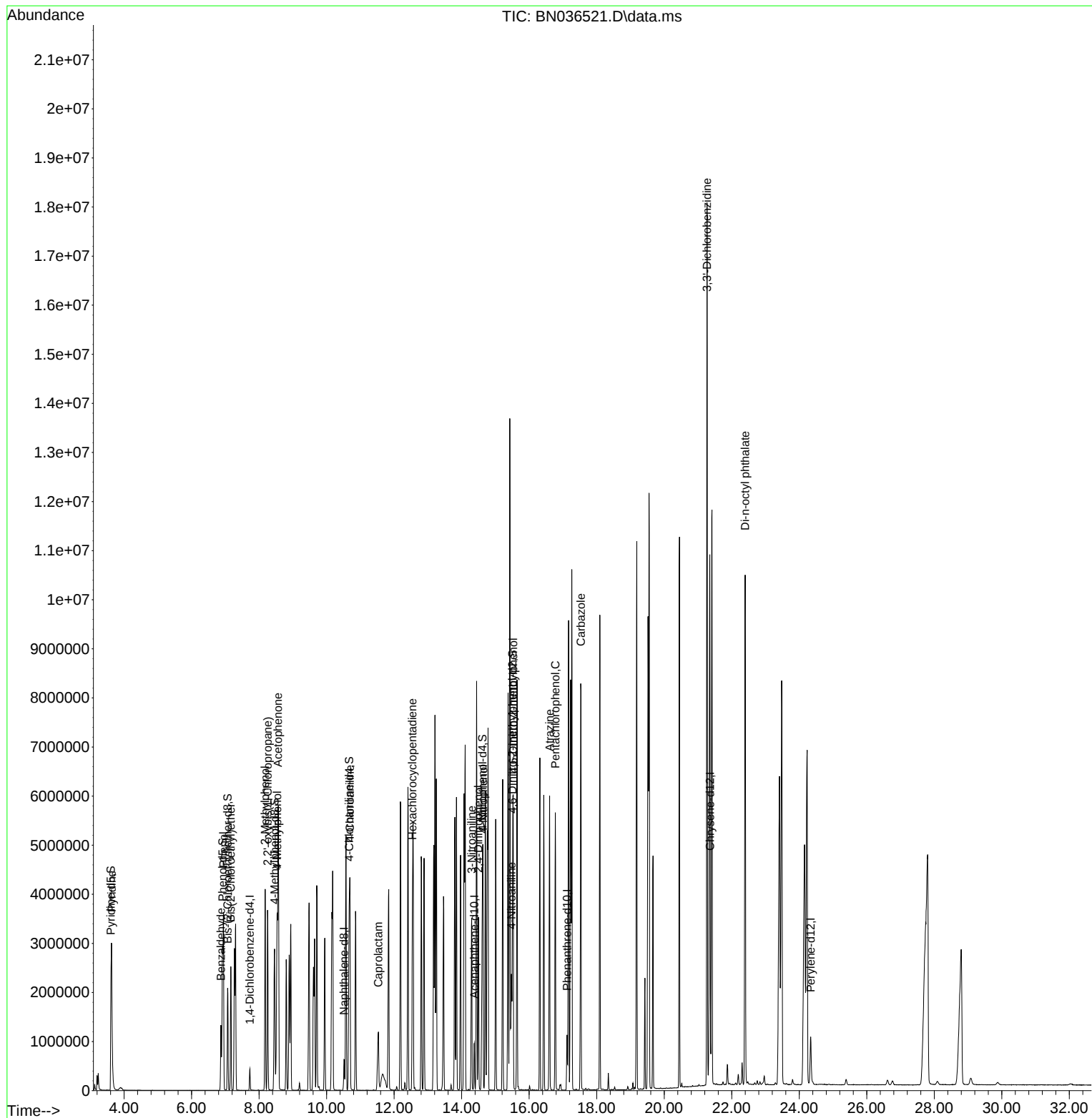
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022825\
Data File : BN036521.D
Acq On : 28 Feb 2025 18:19
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Misc :
ALS Vial : 7 Sample Multiplier: 1

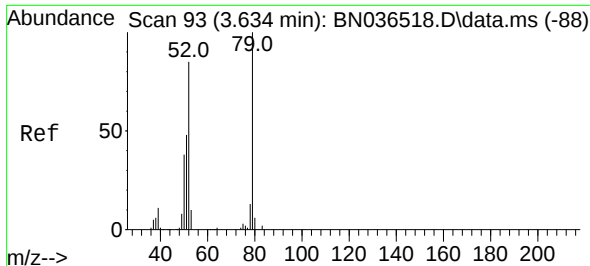
Instrument :
BNA_N
ClientSampleId :
SSTD160208

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN022825.MA.M
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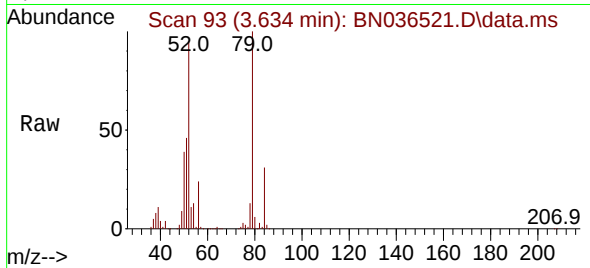
Reviewed By :Rahul Chavli 03/03/2025
Supervised By :Jagrut Upadhyay 03/03/2025





#5
Pyridine
Concen: 169.745 ng/ul
RT: 3.634 min Scan# 93
Delta R.T. -0.000 min
Lab File: BN036521.D
Acq: 28 Feb 2025 18:19

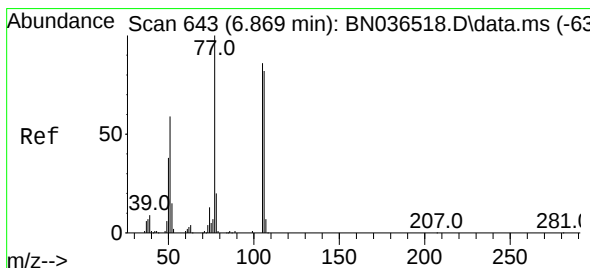
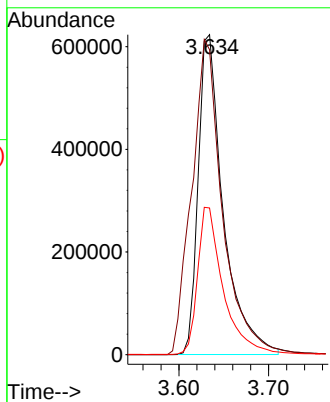
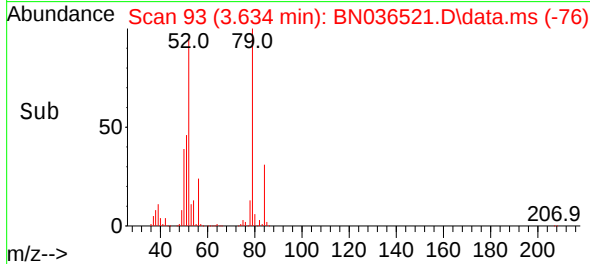
Instrument :
BNA_N
ClientSampleId :
SSTD160208



Tgt Ion: 79 Resp: 1214070
Ion Ratio Lower Upper
79 100
52 95.3 78.8 118.2
51 45.9 39.7 59.5

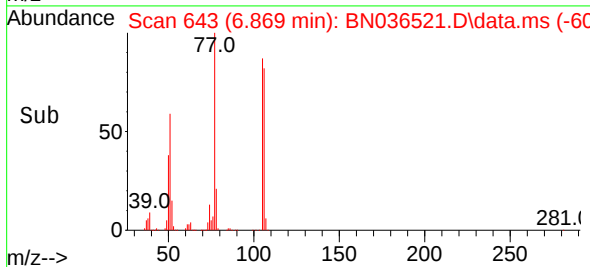
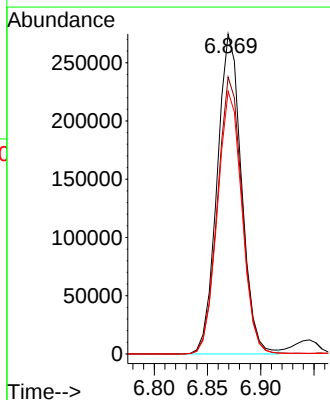
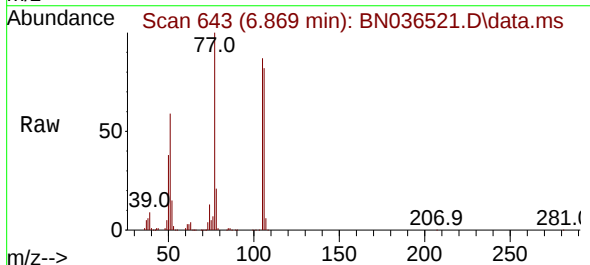
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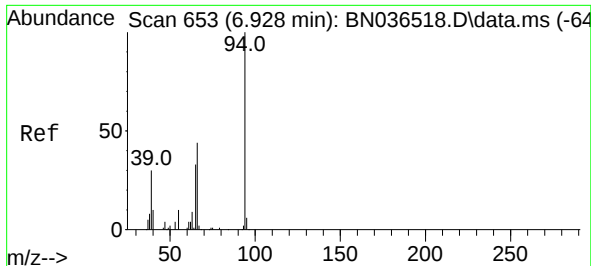
Reviewed By :Rahul Chavli 03/03/2025
Supervised By :Jagrut Upadhyay 03/03/2025



#6
Benzaldehyde
Concen: 87.100 ng/ul
RT: 6.869 min Scan# 643
Delta R.T. 0.000 min
Lab File: BN036521.D
Acq: 28 Feb 2025 18:19

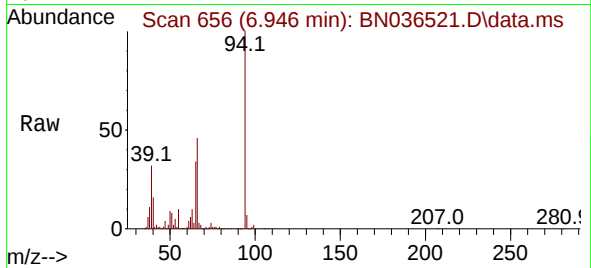
Tgt Ion: 77 Resp: 437196
Ion Ratio Lower Upper
77 100
105 86.6 68.7 103.1
106 82.1 65.4 98.2





#8
Phenol
Concen: 184.868 ng/ul
RT: 6.946 min Scan# 653
Delta R.T. 0.018 min
Lab File: BN036521.D
Acq: 28 Feb 2025 18:19

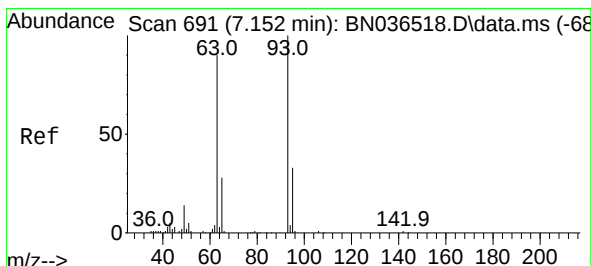
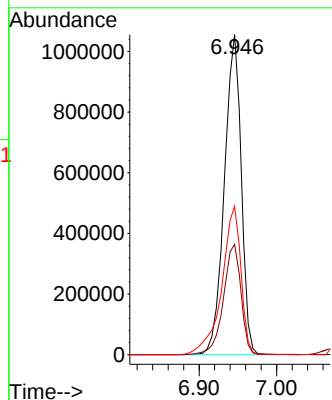
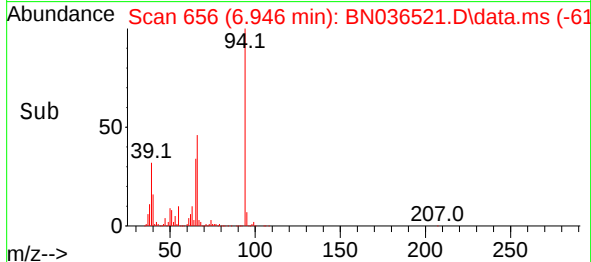
Instrument :
BNA_N
ClientSampleId :
SSTD160208



Tgt Ion: 94 Resp: 1595608
Ion Ratio Lower Upper
94 100
65 34.5 27.1 40.7
66 46.4 37.6 56.4

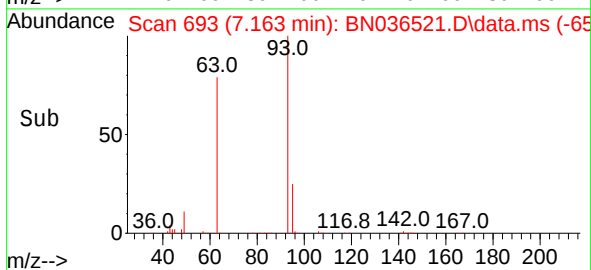
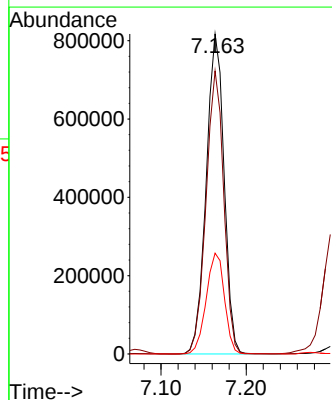
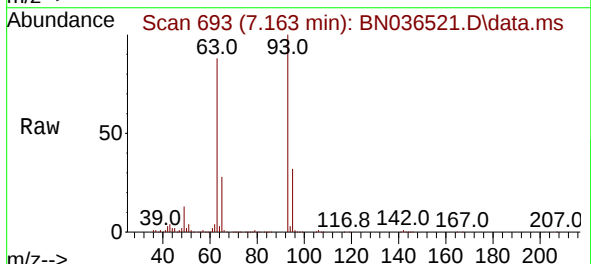
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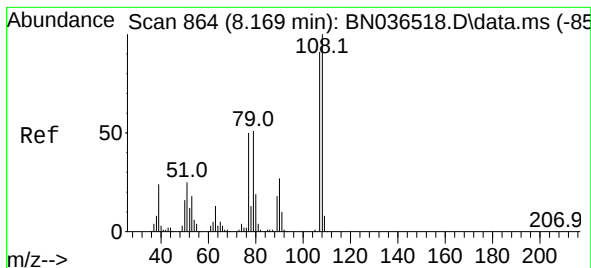
Reviewed By :Rahul Chavli 03/03/2025
Supervised By :Jagrut Upadhyay 03/03/2025



#10
Bis(2-Chloroethyl)ether
Concen: 174.298 ng/ul
RT: 7.163 min Scan# 693
Delta R.T. 0.012 min
Lab File: BN036521.D
Acq: 28 Feb 2025 18:19

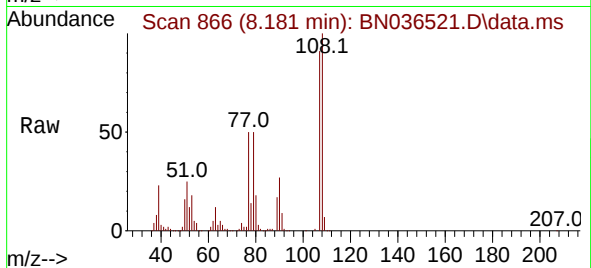
Tgt Ion: 93 Resp: 1191159
Ion Ratio Lower Upper
93 100
63 88.4 71.7 107.5
95 31.5 26.8 40.2





#13
2-Methylphenol
Concen: 182.509 ng/ul
RT: 8.181 min Scan# 80
Delta R.T. 0.012 min
Lab File: BN036521.D
Acq: 28 Feb 2025 18:19

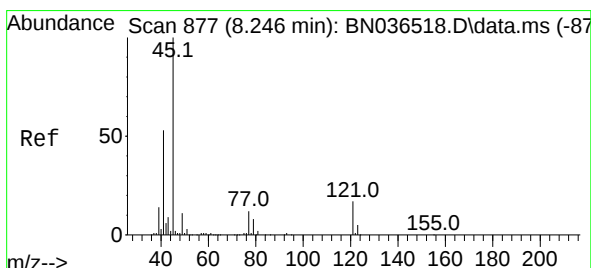
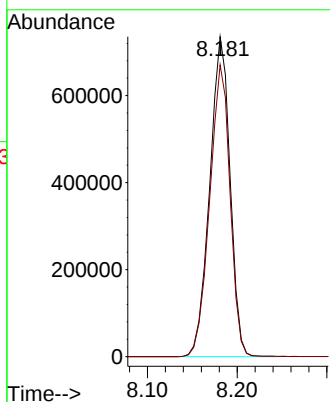
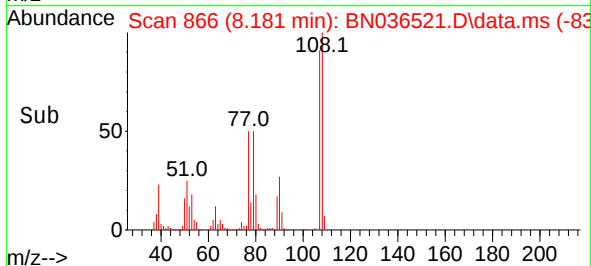
Instrument :
BNA_N
ClientSampleId :
SSTD160208



Tgt Ion:108 Resp: 115655
Ion Ratio Lower Upper
108 100
107 91.2 73.0 109.4

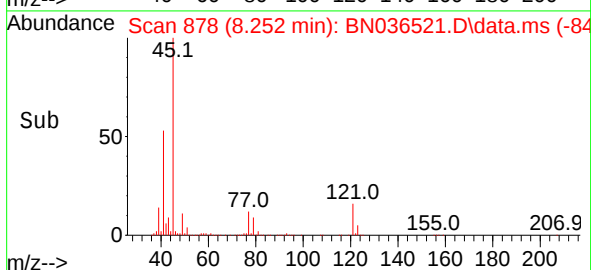
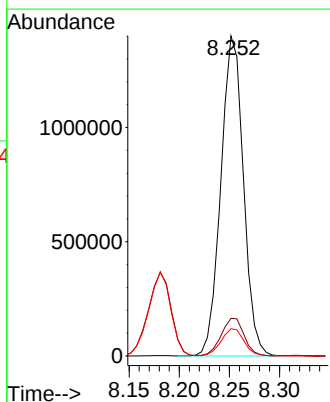
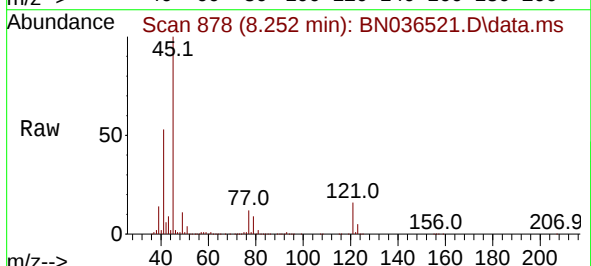
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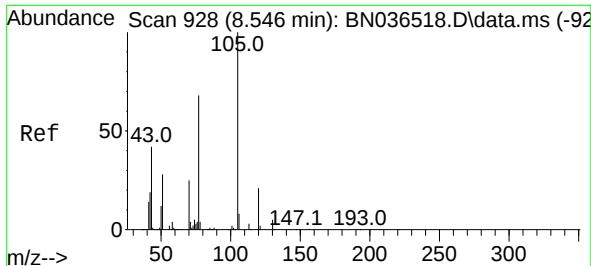
Reviewed By :Rahul Chavli 03/03/2025
Supervised By :Jagrut Upadhyay 03/03/2025



#14
2,2'-oxybis(1-Chloropropane)
Concen: 197.363 ng/ul
RT: 8.252 min Scan# 878
Delta R.T. 0.006 min
Lab File: BN036521.D
Acq: 28 Feb 2025 18:19

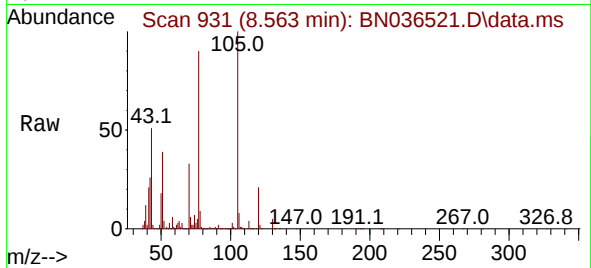
Tgt Ion: 45 Resp: 2192716
Ion Ratio Lower Upper
45 100
77 11.8 9.9 14.9
79 8.5 7.0 10.4





#16
Acetophenone
Concen: 175.411 ng/ul
RT: 8.563 min Scan# 91
Delta R.T. 0.018 min
Lab File: BN036521.D
Acq: 28 Feb 2025 18:19

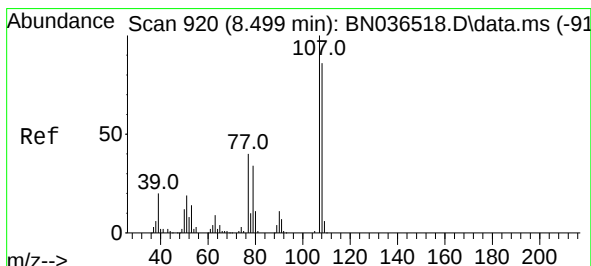
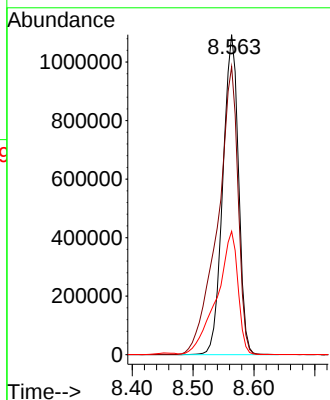
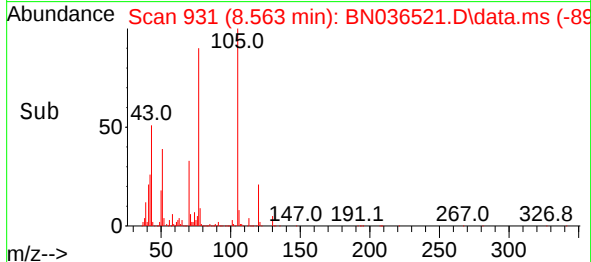
Instrument :
BNA_N
ClientSampleId :
SSTD160208



Tgt Ion:105 Resp: 194801
Ion Ratio Lower Upper
105 100
77 90.0 71.9 107.9
51 38.5 30.6 46.0

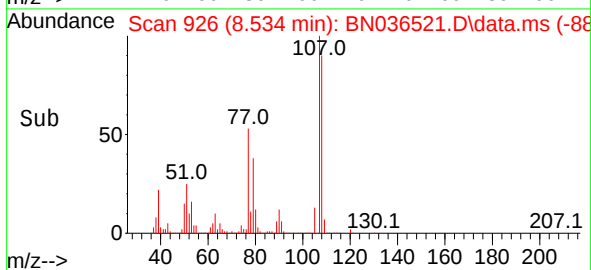
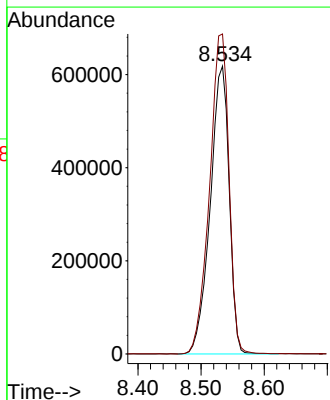
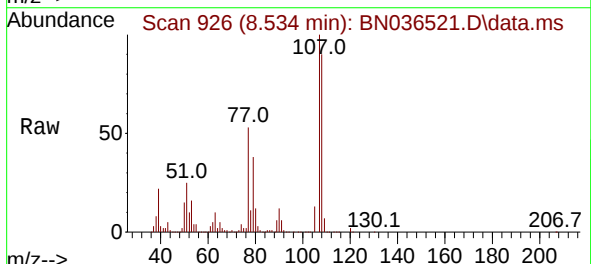
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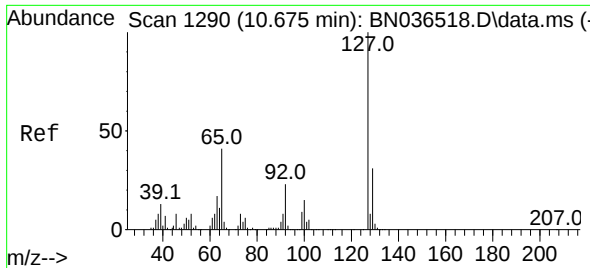
Reviewed By :Rahul Chavli 03/03/2025
Supervised By :Jagrut Upadhyay 03/03/2025



#18
4-Methylphenol
Concen: 184.059 ng/ul
RT: 8.534 min Scan# 926
Delta R.T. 0.035 min
Lab File: BN036521.D
Acq: 28 Feb 2025 18:19

Tgt Ion:108 Resp: 1286799
Ion Ratio Lower Upper
108 100
107 111.2 92.8 139.2





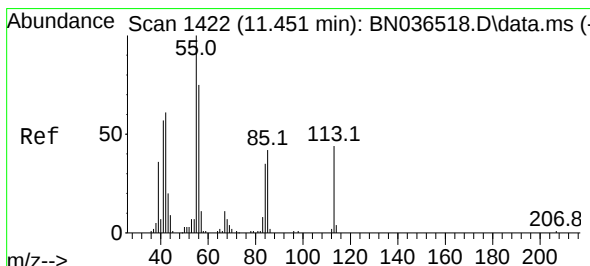
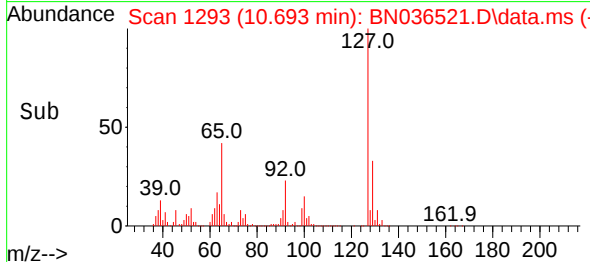
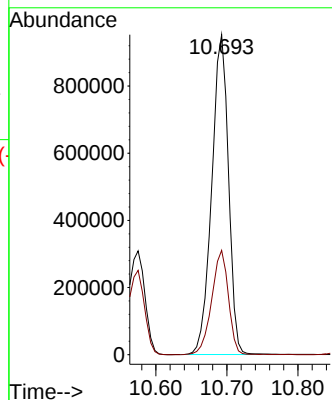
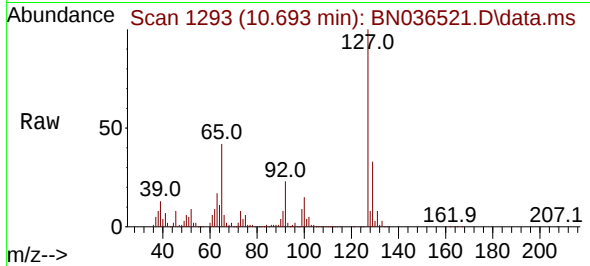
#32
4-Chloroaniline
Concen: 161.232 ng/ul
RT: 10.693 min Scan# 1436
Delta R.T. 0.018 min
Lab File: BN036521.D
Acq: 28 Feb 2025 18:19

Instrument :
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ClientSampleId :
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Tgt Ion:127 Resp: 155928
Ion Ratio Lower Upper
127 100
129 32.6 25.0 37.6

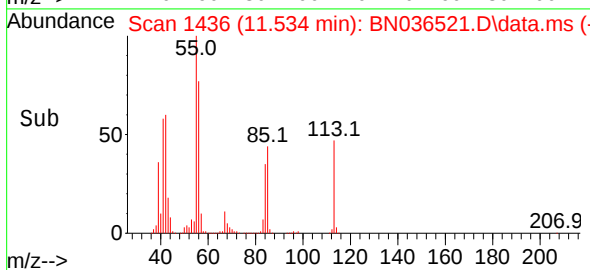
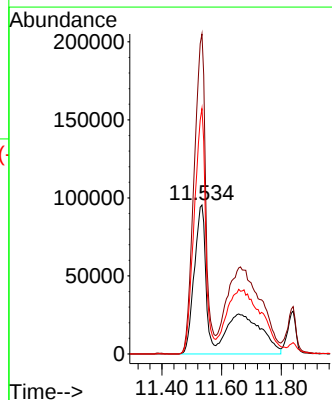
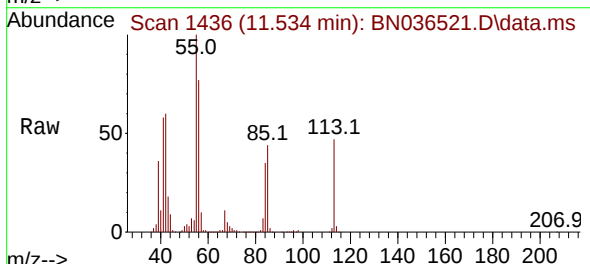
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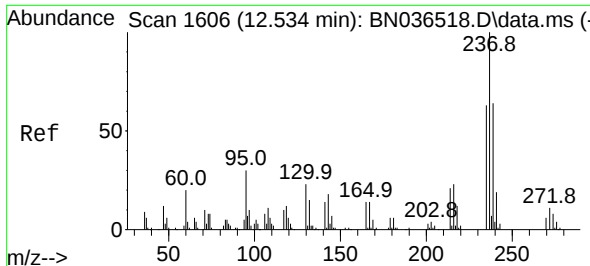
Reviewed By :Rahul Chavli 03/03/2025
Supervised By :Jagrut Upadhyay 03/03/2025



#34
Caprolactam
Concen: 182.739 ng/ul m
RT: 11.534 min Scan# 1436
Delta R.T. 0.082 min
Lab File: BN036521.D
Acq: 28 Feb 2025 18:19

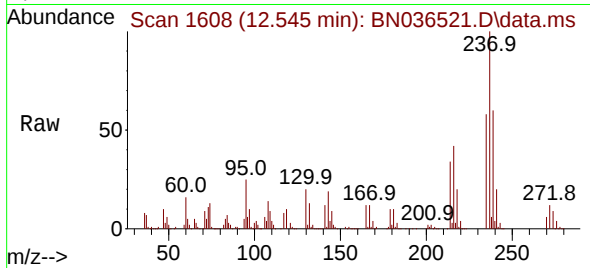
Tgt Ion:113 Resp: 463380
Ion Ratio Lower Upper
113 100
55 214.9 182.8 274.2
56 164.8 137.3 205.9





#40
Hexachlorocyclopentadiene
Concen: 146.504 ng/ul
RT: 12.545 min Scan# 1606
Delta R.T. 0.012 min
Lab File: BN036521.D
Acq: 28 Feb 2025 18:19

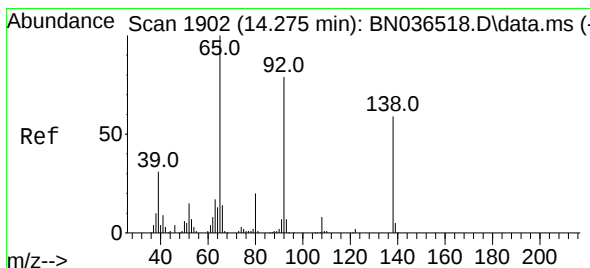
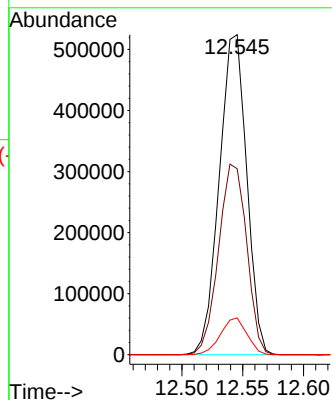
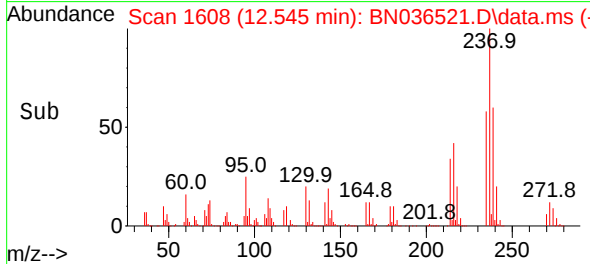
Instrument :
BNA_N
ClientSampleId :
SSTD160208



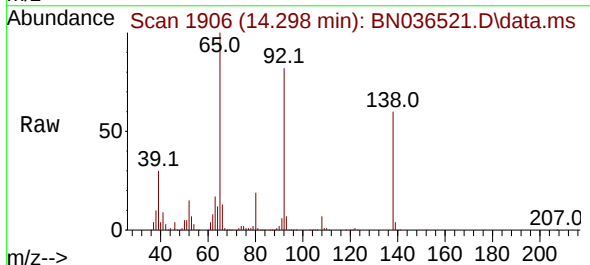
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Ion Ratio Lower Upper
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235 58.1 50.3 75.5
272 11.5 8.7 13.1

Manual Integrations
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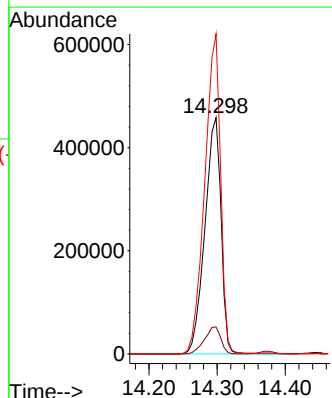
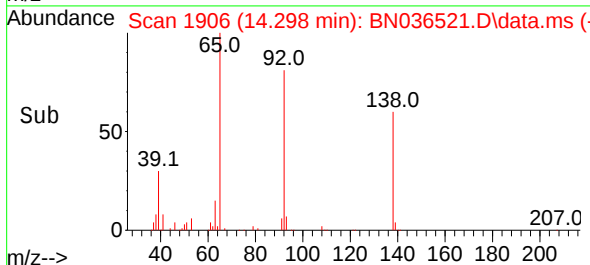
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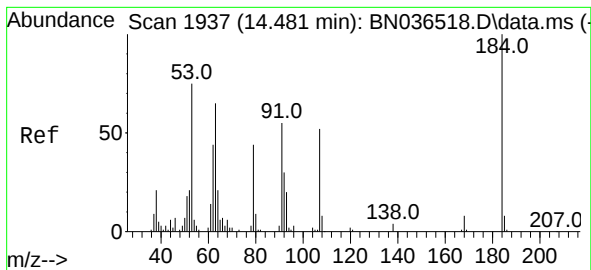


#51
3-Nitroaniline
Concen: 158.299 ng/ul
RT: 14.298 min Scan# 1906
Delta R.T. 0.024 min
Lab File: BN036521.D
Acq: 28 Feb 2025 18:19



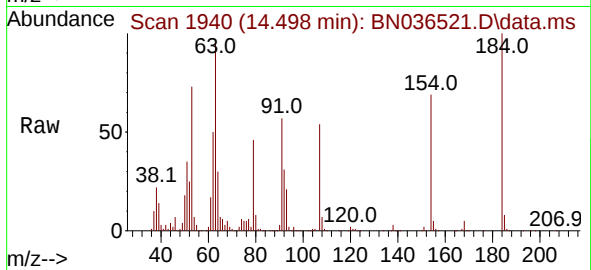
Tgt Ion:138 Resp: 753706
Ion Ratio Lower Upper
138 100
108 11.5 10.2 15.4
92 135.4 107.4 161.0





#53
2,4-Dinitrophenol
Concen: 193.899 ng/ul
RT: 14.498 min Scan# 1937
Delta R.T. 0.018 min
Lab File: BN036521.D
Acq: 28 Feb 2025 18:19

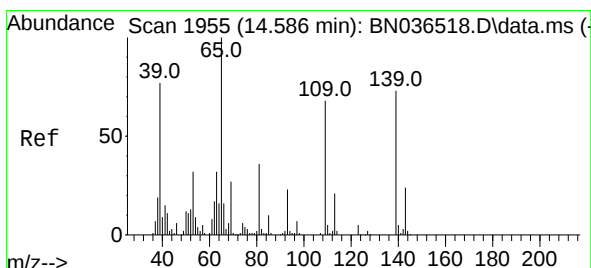
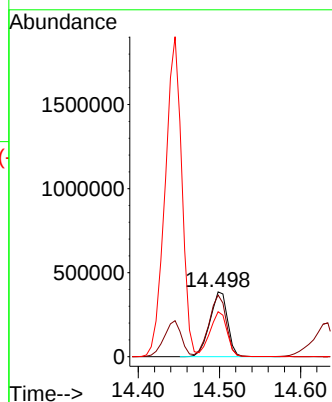
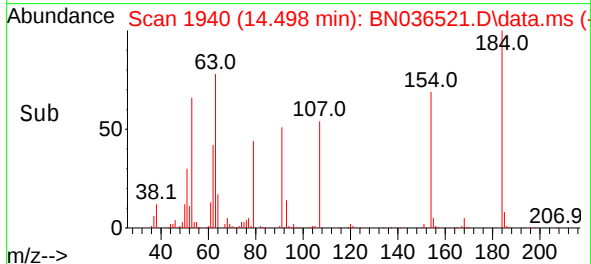
Instrument :
BNA_N
ClientSampleId :
SSTD160208



Tgt Ion:184 Resp: 584462
Ion Ratio Lower Upper
184 100
63 95.0 74.1 111.1
154 69.4 53.4 80.2

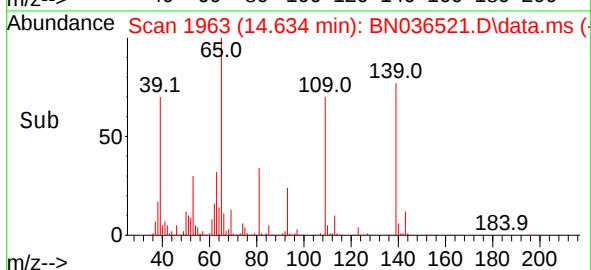
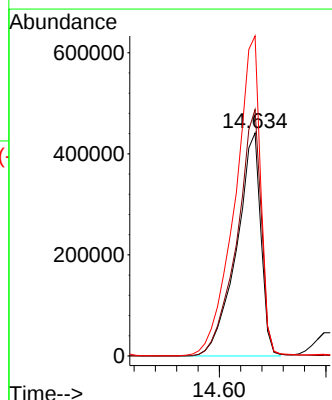
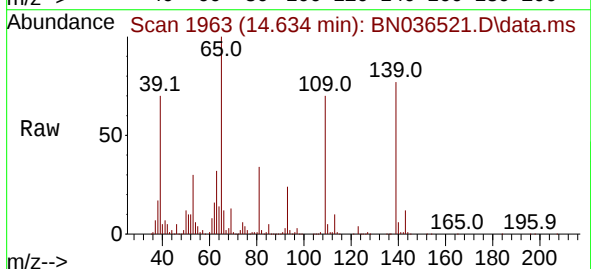
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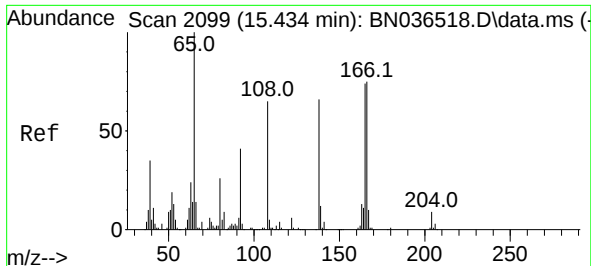
Reviewed By :Rahul Chavli 03/03/2025
Supervised By :Jagrut Upadhyay 03/03/2025



#55
4-Nitrophenol
Concen: 156.952 ng/ul
RT: 14.634 min Scan# 1963
Delta R.T. 0.047 min
Lab File: BN036521.D
Acq: 28 Feb 2025 18:19

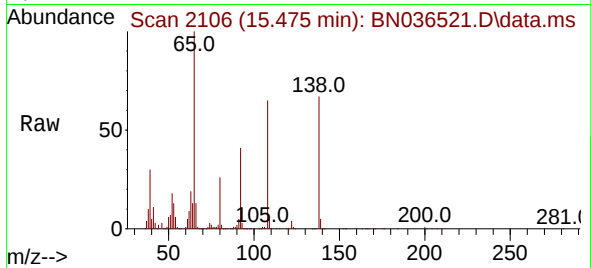
Tgt Ion:109 Resp: 699830
Ion Ratio Lower Upper
109 100
139 110.5 85.9 128.9
65 143.5 118.6 178.0





#63
4-Nitroaniline
Concen: 133.687 ng/ul
RT: 15.475 min Scan# 2106
Delta R.T. 0.041 min
Lab File: BN036521.D
Acq: 28 Feb 2025 18:19

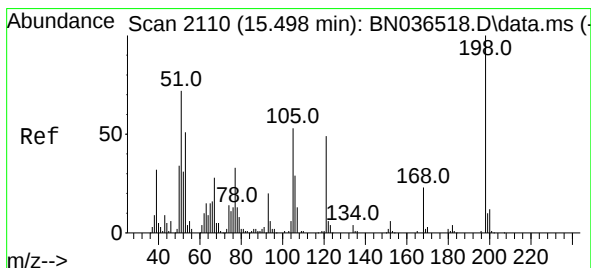
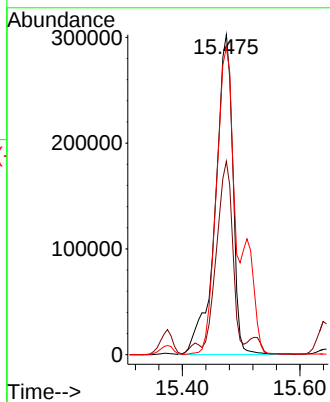
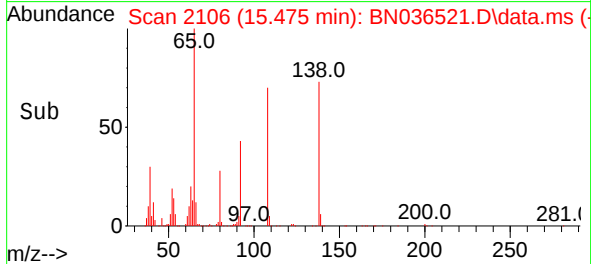
Instrument :
BNA_N
ClientSampleId :
SSTD160208



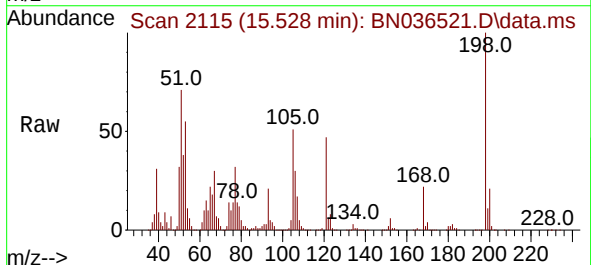
Tgt Ion:138 Resp: 628379
Ion Ratio Lower Upper
138 100
92 60.4 50.2 75.2
108 96.0 78.4 117.6

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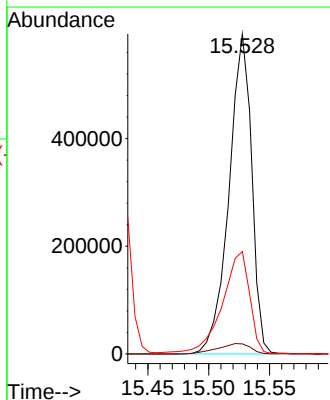
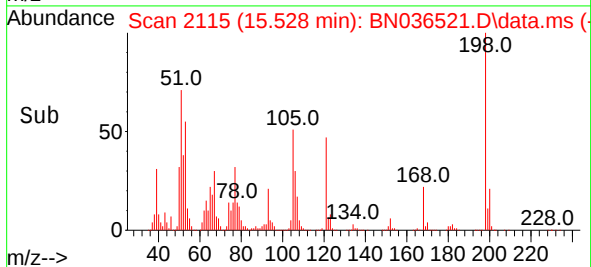
Reviewed By :Rahul Chavli 03/03/2025
Supervised By :Jagrut Upadhyay 03/03/2025

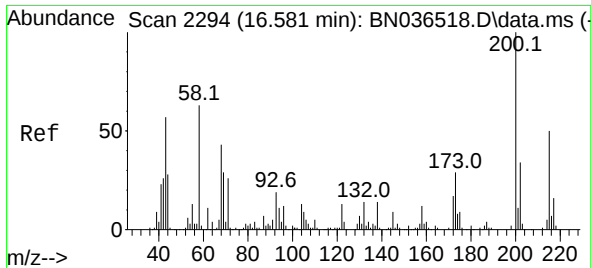


#66
4,6-Dinitro-2-methylphenol
Concen: 168.564 ng/ul
RT: 15.528 min Scan# 2115
Delta R.T. 0.029 min
Lab File: BN036521.D
Acq: 28 Feb 2025 18:19



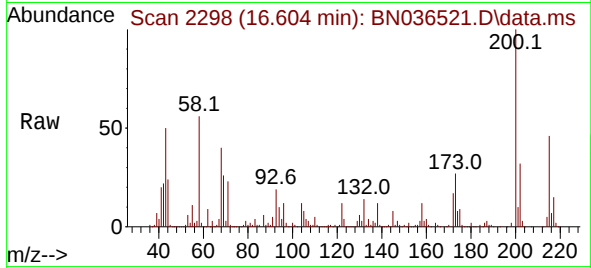
Tgt Ion:198 Resp: 769395
Ion Ratio Lower Upper
198 100
182 3.1 3.5 5.3#
77 32.0 27.2 40.8





#70
Atrazine
Concen: 133.632 ng/ul
RT: 16.604 min Scan# 21
Delta R.T. 0.024 min
Lab File: BN036521.D
Acq: 28 Feb 2025 18:19

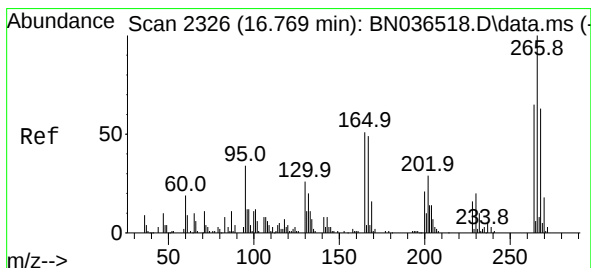
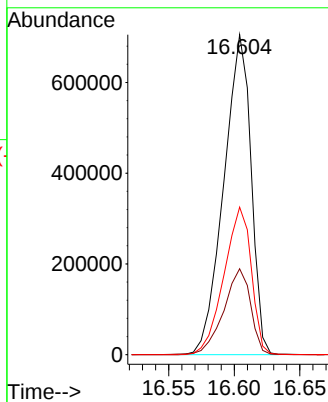
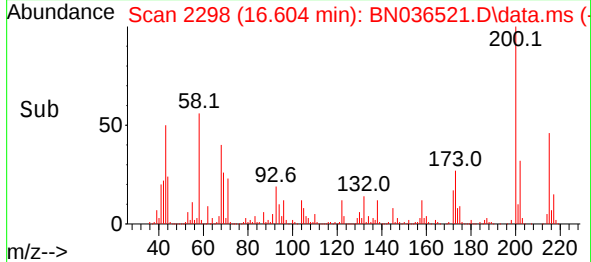
Instrument :
BNA_N
ClientSampleId :
SSTD160208



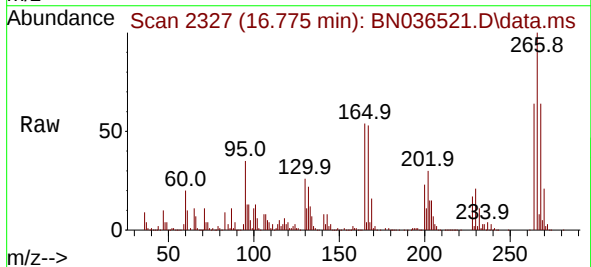
Tgt Ion:200 Resp: 1020480
Ion Ratio Lower Upper
200 100
173 26.9 23.0 34.4
215 46.1 39.6 59.4

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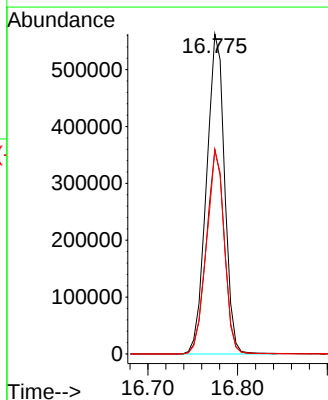
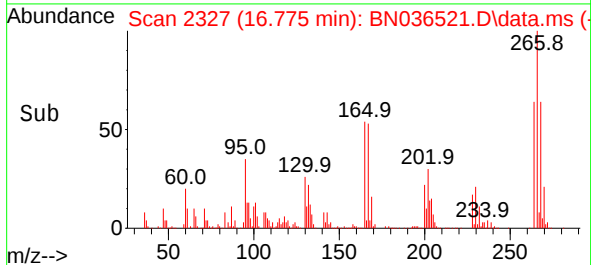
Reviewed By :Rahul Chavli 03/03/2025
Supervised By :Jagrut Upadhyay 03/03/2025

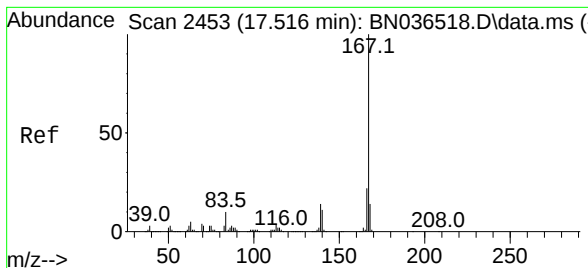


#71
Pentachlorophenol
Concen: 155.857 ng/ul
RT: 16.775 min Scan# 2327
Delta R.T. 0.006 min
Lab File: BN036521.D
Acq: 28 Feb 2025 18:19



Tgt Ion:266 Resp: 788262
Ion Ratio Lower Upper
266 100
264 63.9 51.7 77.5
268 63.8 50.1 75.1





#77

Carbazole

Concen: 158.268 ng/ul

RT: 17.533 min Scan# 2453

Delta R.T. 0.018 min

Lab File: BN036521.D

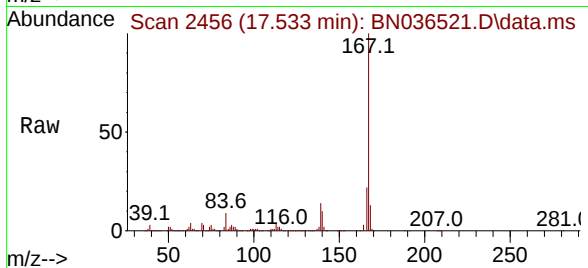
Acq: 28 Feb 2025 18:19

Instrument :

BNA_N

ClientSampleId :

SSTD160208



Tgt Ion:167 Resp: 5070720

Ion Ratio Lower Upper

167 100

166 22.3 18.0 27.0

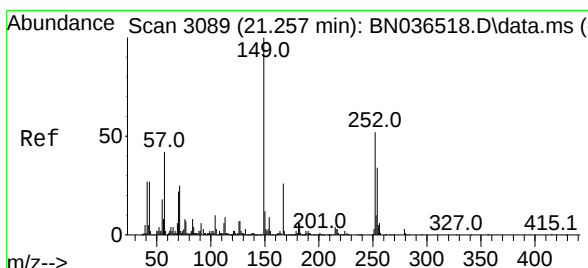
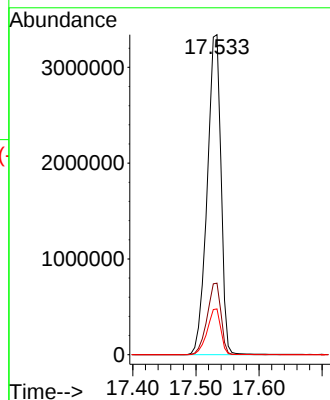
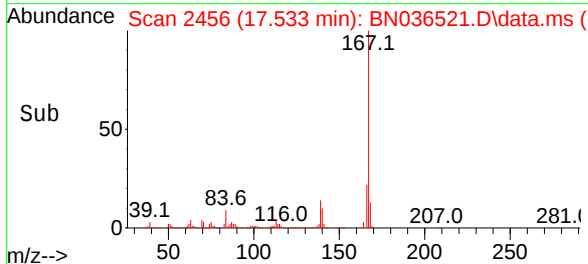
139 14.3 11.1 16.7

Manual Integrations

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Reviewed By :Rahul Chavli 03/03/2025

Supervised By :Jagrut Upadhyay 03/03/2025



#84

3,3'-Dichlorobenzidine

Concen: 143.528 ng/ul

RT: 21.269 min Scan# 3091

Delta R.T. 0.012 min

Lab File: BN036521.D

Acq: 28 Feb 2025 18:19

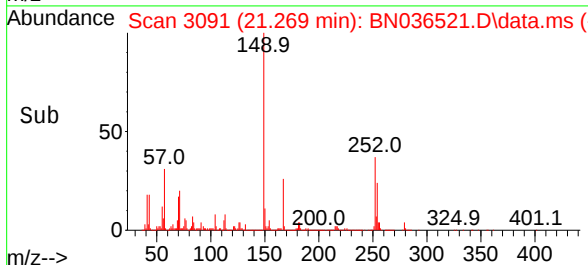
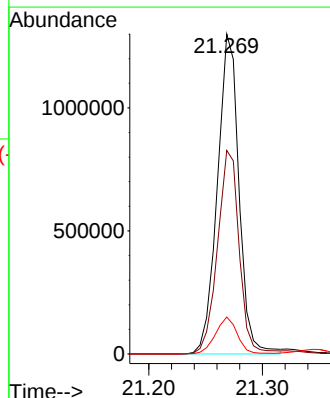
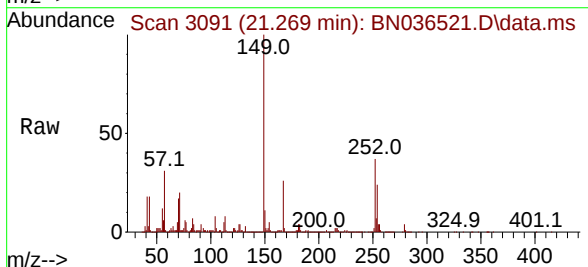
Tgt Ion:252 Resp: 1719496

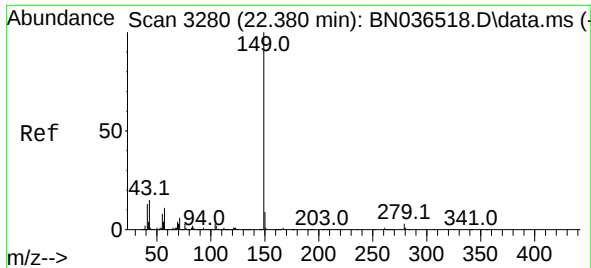
Ion Ratio Lower Upper

252 100

254 63.6 52.2 78.4

126 11.6 10.8 16.2





#89

Di-n-octyl phthalate

Concen: 144.919 ng/ul

RT: 22.398 min Scan# 31

Delta R.T. 0.018 min

Lab File: BN036521.D

Acq: 28 Feb 2025 18:19

Instrument :

BNA_N

ClientSampleId :

SSTD160208

Tgt Ion:149 Resp: 8040685

Manual Integrations

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Reviewed By :Rahul Chavli 03/03/2025

Supervised By :Jagrut Upadhyay 03/03/2025

