

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030425\
 Data File : BP024149.D
 Acq On : 04 Mar 2025 13:01
 Operator : RC/JU
 Sample : SSTD16090
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD160628

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 03/05/2025
 Supervised By :Jagrut Upadhyay 03/05/2025

Quant Time: Mar 04 14:01:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030425.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 04 13:32:01 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.751	152	348021	20.000	ng/ul	0.00
20) Naphthalene-d8	10.534	136	1601035	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.398	164	1068668	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.198	188	2208240	20.000	ng/ul	0.00
79) Chrysene-d12	21.657	240	2169168	20.000	ng/ul	0.00
88) Perylene-d12	25.050	264	2324669	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	3.675	84	3960447	162.685	ng/ul	0.00
7) Phenol-d5	6.946	99	5198597	168.708	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.098	67	2630480	159.571	ng/ul	0.00
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.475	113	4167053	167.474	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	10.675	131	5841361	155.278	ng/ul	0.00
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	14.639	143	2652085	167.823	ng/ul	0.03
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.545	200	2455471	177.759	ng/ul	0.02
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	3.693	79	3967641	161.793	ng/ul	98
6) Benzaldehyde	6.904	77	1433027	94.505	ng/ul	99
8) Phenol	6.975	94	5287033	166.671	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.187	93	3832053	158.295	ng/ul	99
13) 2-Methylphenol	8.204	108	3936382	166.398	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.275	45	3916733	156.462	ng/ul	97
16) Acetophenone	8.581	105	5961624	156.993	ng/ul	98
18) 4-Methylphenol	8.545	108	4341795	165.702	ng/ul	99
32) 4-Chloroaniline	10.704	127	5508328	154.724	ng/ul	98
34) Caprolactam	11.528	113	1681351m	173.724	ng/ul	
40) Hexachlorocyclopentadiene	12.557	237	2505806	140.031	ng/ul	99
51) 3-Nitroaniline	14.316	138	2709596	159.729	ng/ul	99
53) 2,4-Dinitrophenol	14.522	184	1929564	207.091	ng/ul	92
55) 4-Nitrophenol	14.663	109	1724352	155.174	ng/ul	94
63) 4-Nitroaniline	15.504	138	2264778	136.119	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.563	198	2600014	172.168	ng/ul#	97
70) Atrazine	16.663	200	3370245	129.271	ng/ul	100
71) Pentachlorophenol	16.845	266	3082412	165.097	ng/ul	100
77) Carbazole	17.621	167	15451705	139.564	ng/ul#	90
84) 3,3'-Dichlorobenzidine	21.557	252	5637208	119.515	ng/ul	98
89) Di-n-octyl phthalate	22.862	149	20376312m	146.585	ng/ul	

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

Instrument :

BNA_P

ClientSampleId :

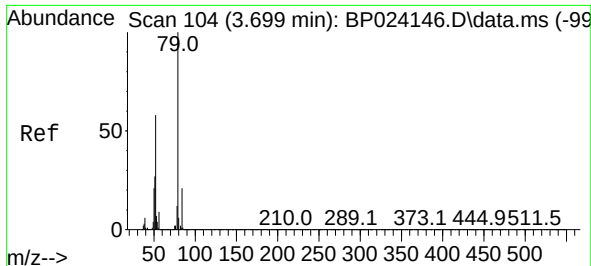
SSTD160628

Manual Integrations

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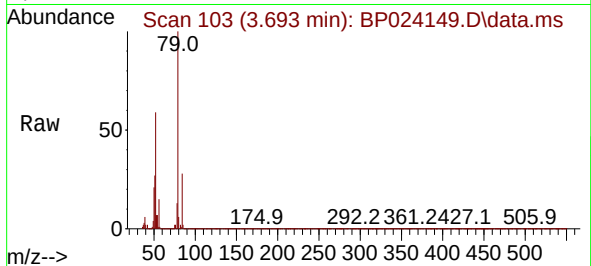
Reviewed By :Rahul Chavli 03/05/2025

Supervised By :Jagrut Upadhyay 03/05/2025



#5
Pyridine
Concen: 161.793 ng/ul
RT: 3.693 min Scan# 104
Delta R.T. -0.006 min
Lab File: BP024149.D
Acq: 04 Mar 2025 13:01

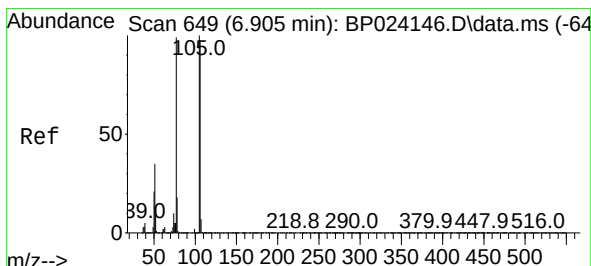
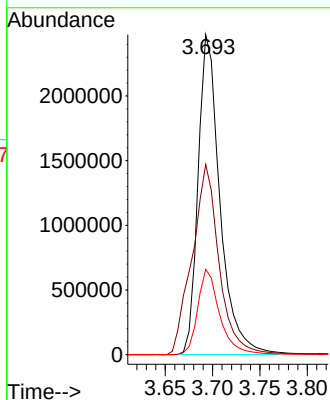
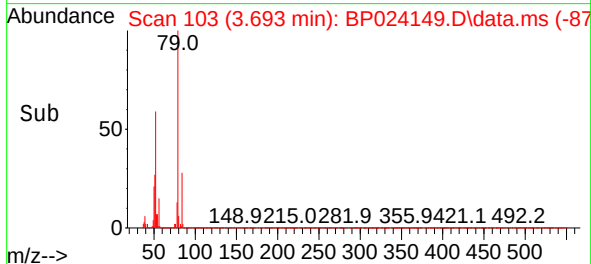
Instrument :
BNA_P
ClientSampleId :
SSTD160628



Tgt Ion: 79 Resp: 396764
Ion Ratio Lower Upper
79 100
52 59.5 48.8 73.2
51 26.7 21.9 32.9

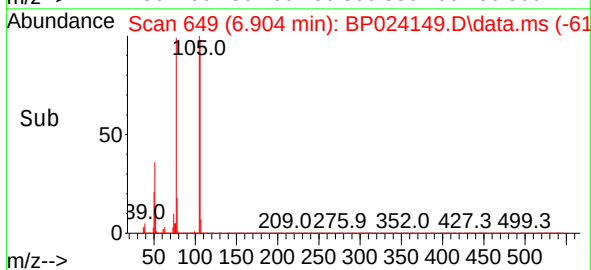
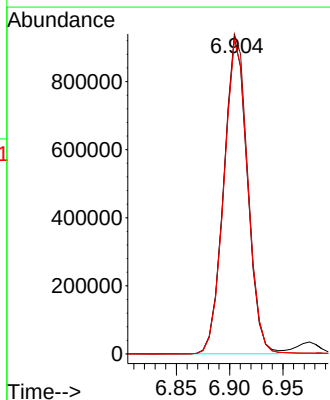
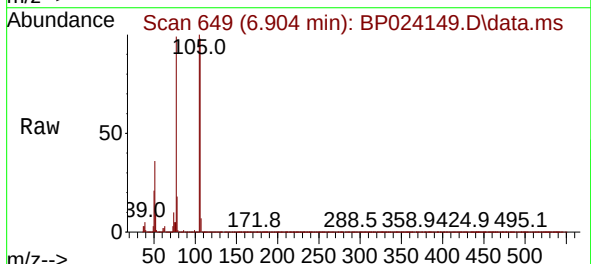
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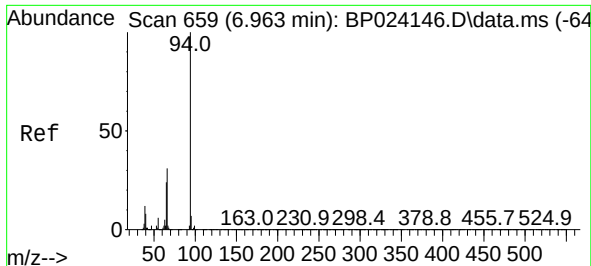
Reviewed By :Rahul Chavli 03/05/2025
Supervised By :Jagrut Upadhyay 03/05/2025



#6
Benzaldehyde
Concen: 94.505 ng/ul
RT: 6.904 min Scan# 649
Delta R.T. -0.000 min
Lab File: BP024149.D
Acq: 04 Mar 2025 13:01

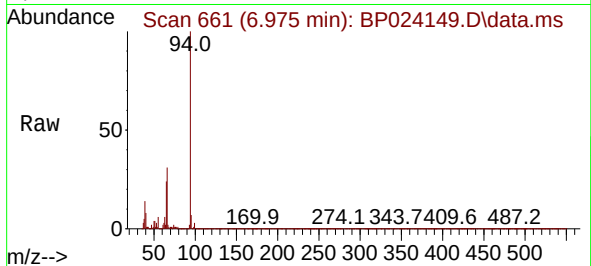
Tgt Ion: 77 Resp: 1433027
Ion Ratio Lower Upper
77 100
105 101.2 80.5 120.7
106 99.2 77.7 116.5





#8
Phenol
Concen: 166.671 ng/ul
RT: 6.975 min Scan# 601
Delta R.T. 0.011 min
Lab File: BP024149.D
Acq: 04 Mar 2025 13:01

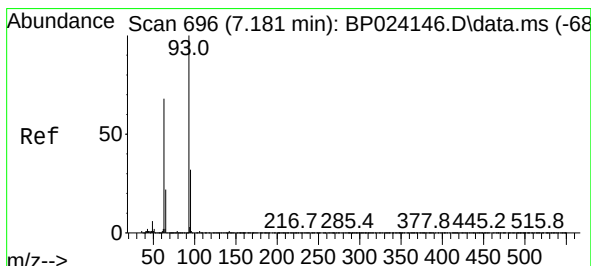
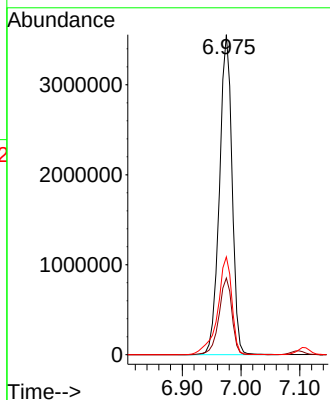
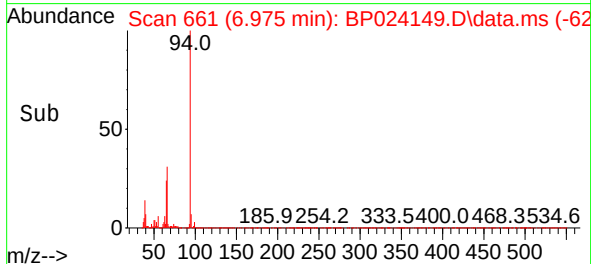
Instrument :
BNA_P
ClientSampleId :
SSTD160628



Tgt Ion: 94 Resp: 5287033
Ion Ratio Lower Upper
94 100
65 24.0 19.6 29.4
66 30.6 24.9 37.3

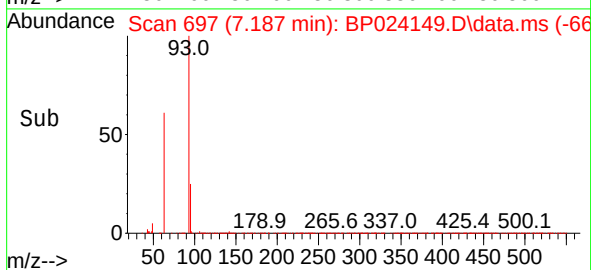
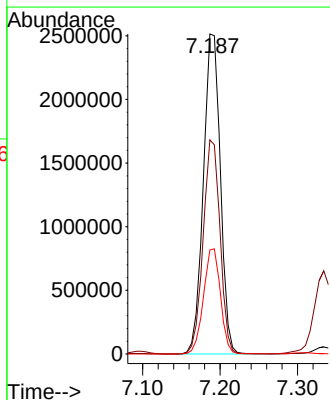
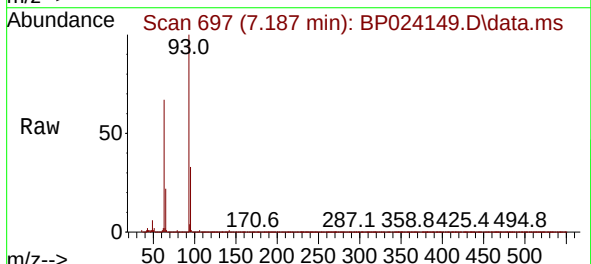
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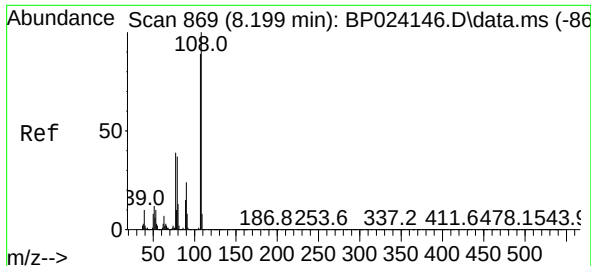
Reviewed By :Rahul Chavli 03/05/2025
Supervised By :Jagrut Upadhyay 03/05/2025



#10
Bis(2-Chloroethyl)ether
Concen: 158.295 ng/ul
RT: 7.187 min Scan# 697
Delta R.T. 0.006 min
Lab File: BP024149.D
Acq: 04 Mar 2025 13:01

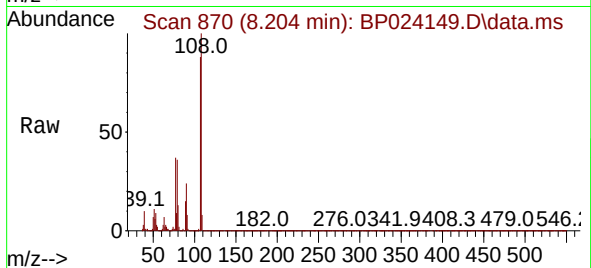
Tgt Ion: 93 Resp: 3832053
Ion Ratio Lower Upper
93 100
63 66.9 54.2 81.2
95 32.5 25.8 38.6





#13
2-Methylphenol
Concen: 166.398 ng/ul
RT: 8.204 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP024149.D
Acq: 04 Mar 2025 13:01

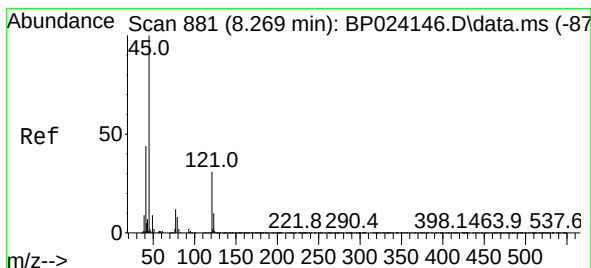
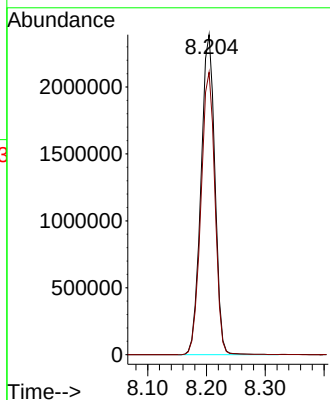
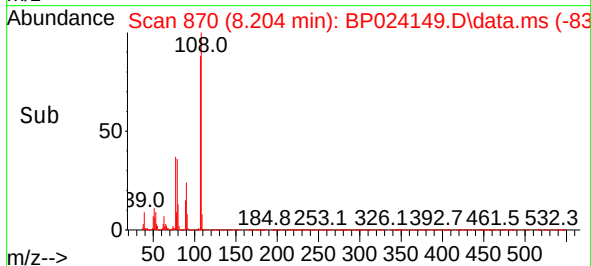
Instrument :
BNA_P
ClientSampleId :
SSTD160628



Tgt Ion: 108 Resp: 393638
Ion Ratio Lower Upper
108 100
107 88.2 71.2 106.8

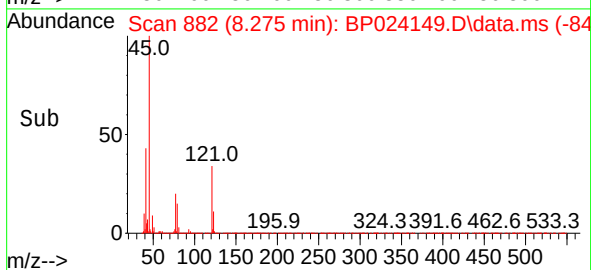
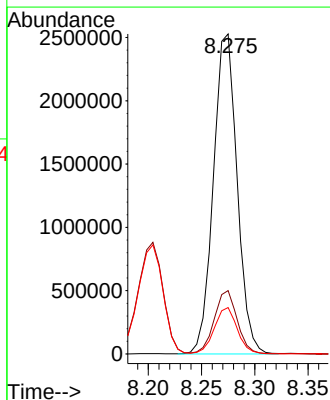
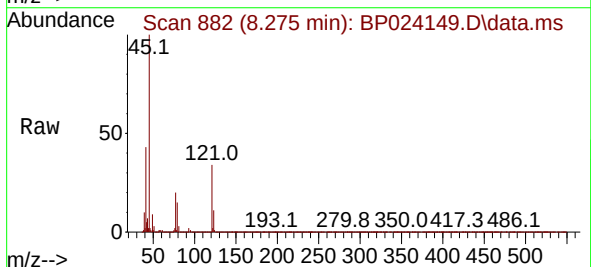
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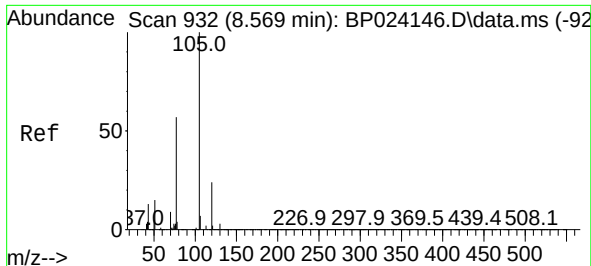
Reviewed By :Rahul Chavli 03/05/2025
Supervised By :Jagrut Upadhyay 03/05/2025



#14
2,2'-oxybis(1-Chloropropane)
Concen: 156.462 ng/ul
RT: 8.275 min Scan# 882
Delta R.T. 0.006 min
Lab File: BP024149.D
Acq: 04 Mar 2025 13:01

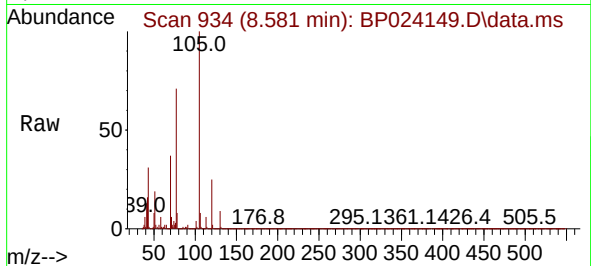
Tgt Ion: 45 Resp: 3916733
Ion Ratio Lower Upper
45 100
77 19.8 14.5 21.7
79 14.5 10.9 16.3





#16
Acetophenone
Concen: 156.993 ng/ul
RT: 8.581 min Scan# 90
Delta R.T. 0.011 min
Lab File: BP024149.D
Acq: 04 Mar 2025 13:01

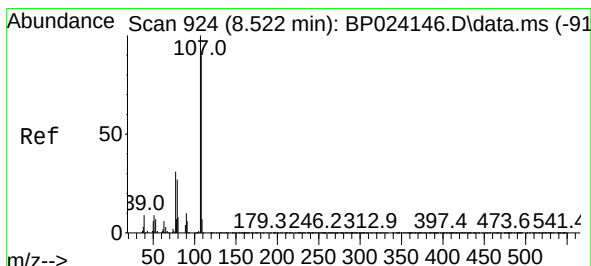
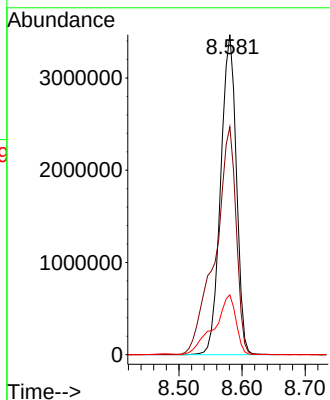
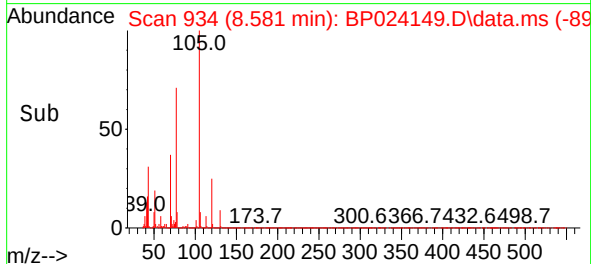
Instrument :
BNA_P
ClientSampleId :
SSTD160628



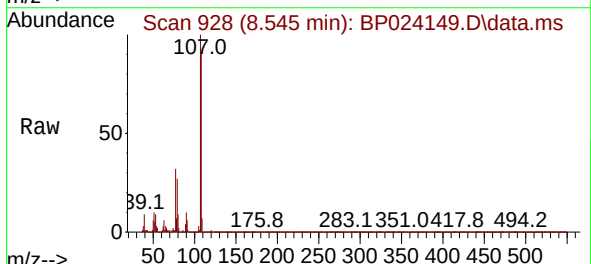
Tgt Ion:105 Resp: 5961624
Ion Ratio Lower Upper
105 100
77 71.2 58.3 87.5
51 18.7 16.1 24.1

Manual Integrations
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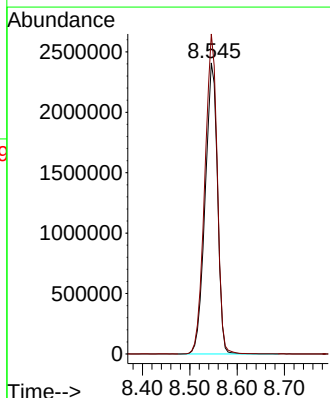
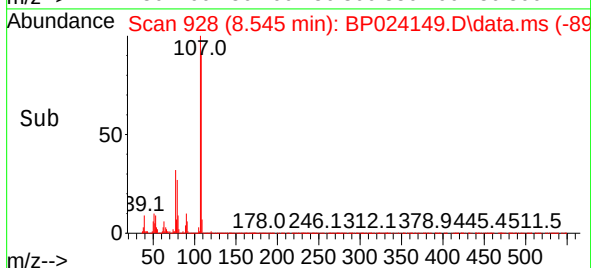
Reviewed By :Rahul Chavli 03/05/2025
Supervised By :Jagrut Upadhyay 03/05/2025

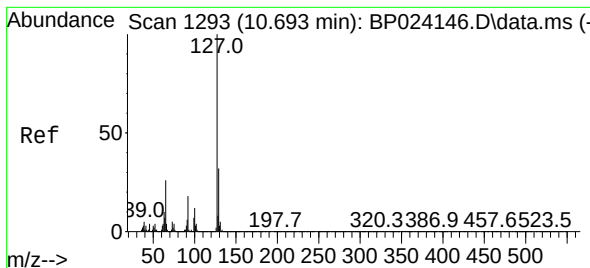


#18
4-Methylphenol
Concen: 165.702 ng/ul
RT: 8.545 min Scan# 928
Delta R.T. 0.023 min
Lab File: BP024149.D
Acq: 04 Mar 2025 13:01



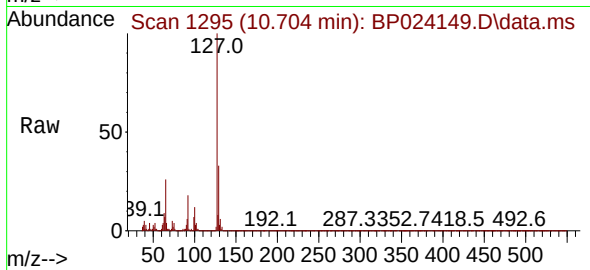
Tgt Ion:108 Resp: 4341795
Ion Ratio Lower Upper
108 100
107 109.9 88.8 133.2





#32
4-Chloroaniline
Concen: 154.724 ng/ul
RT: 10.704 min Scan# 1295
Delta R.T. 0.011 min
Lab File: BP024149.D
Acq: 04 Mar 2025 13:01

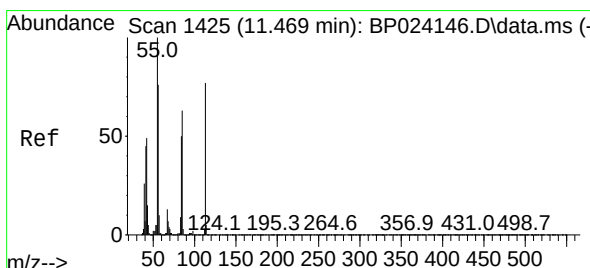
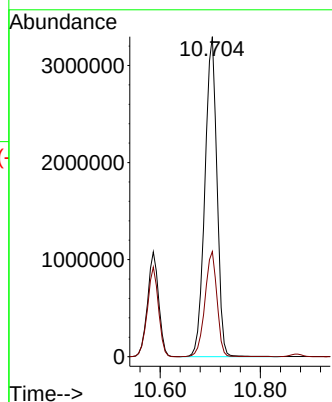
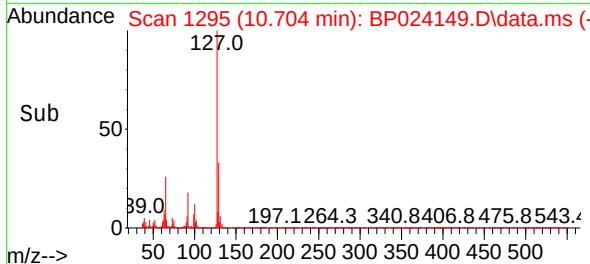
Instrument :
BNA_P
ClientSampleId :
SSTD160628



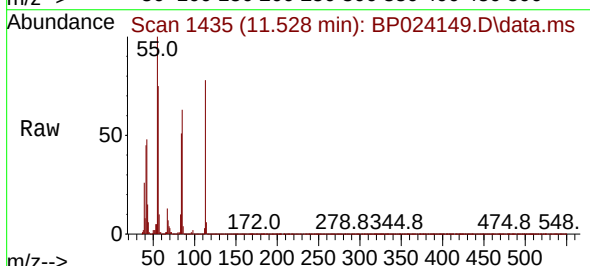
Tgt Ion:127 Resp: 5508328
Ion Ratio Lower Upper
127 100
129 32.9 25.5 38.3

Manual Integrations
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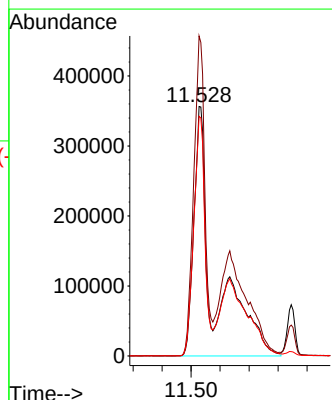
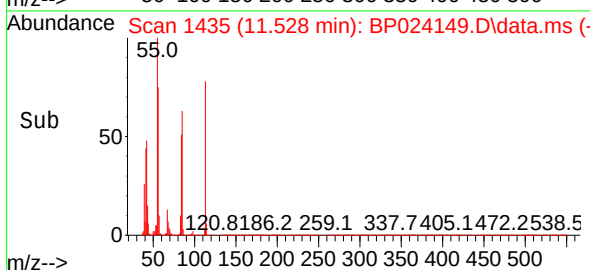
Reviewed By :Rahul Chavli 03/05/2025
Supervised By :Jagrut Upadhyay 03/05/2025

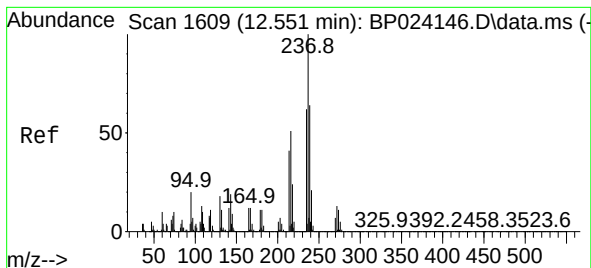


#34
Caprolactam
Concen: 173.724 ng/ul m
RT: 11.528 min Scan# 1435
Delta R.T. 0.059 min
Lab File: BP024149.D
Acq: 04 Mar 2025 13:01



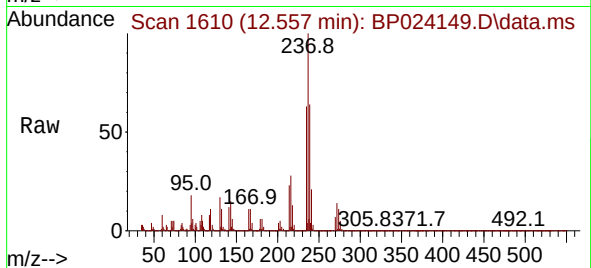
Tgt Ion:113 Resp: 1681351
Ion Ratio Lower Upper
113 100
55 128.3 104.7 157.1
56 96.1 79.8 119.6





#40
Hexachlorocyclopentadiene
Concen: 140.031 ng/ul
RT: 12.557 min Scan# 10
Delta R.T. 0.006 min
Lab File: BP024149.D
Acq: 04 Mar 2025 13:01

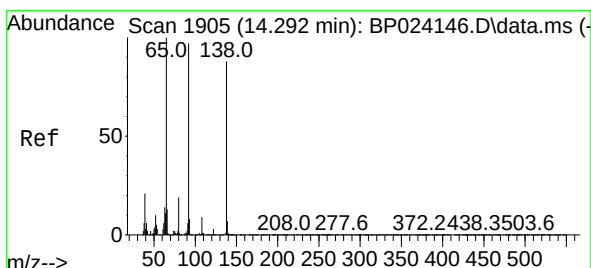
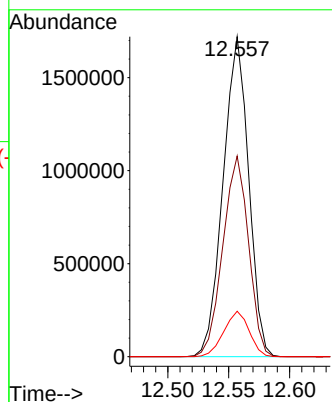
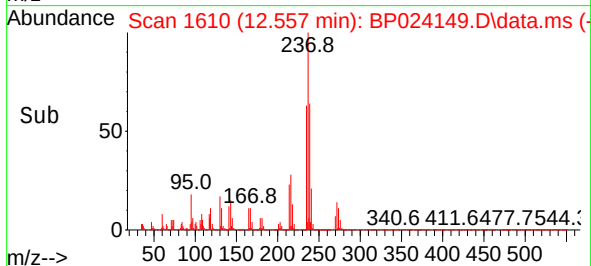
Instrument :
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ClientSampleId :
SSTD160628



Tgt Ion:237 Resp: 2505800
Ion Ratio Lower Upper
237 100
235 62.7 49.3 73.9
272 14.2 11.4 17.2

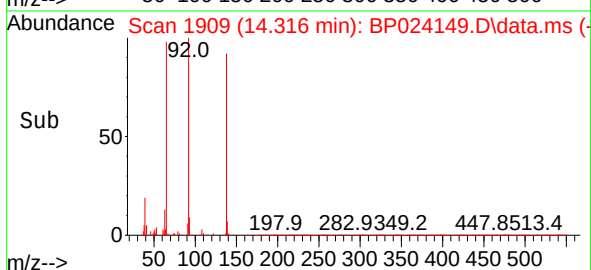
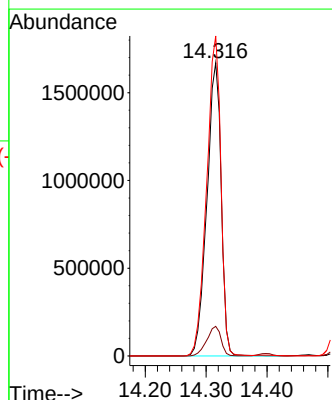
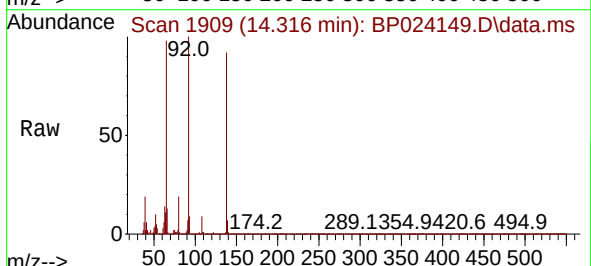
Manual Integrations
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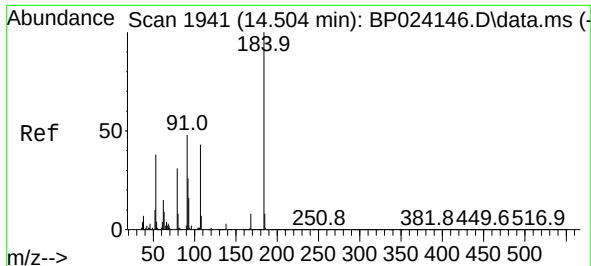
Reviewed By :Rahul Chavli 03/05/2025
Supervised By :Jagrut Upadhyay 03/05/2025



#51
3-Nitroaniline
Concen: 159.729 ng/ul
RT: 14.316 min Scan# 1909
Delta R.T. 0.023 min
Lab File: BP024149.D
Acq: 04 Mar 2025 13:01

Tgt Ion:138 Resp: 2709596
Ion Ratio Lower Upper
138 100
108 10.1 8.5 12.7
92 109.2 88.3 132.5





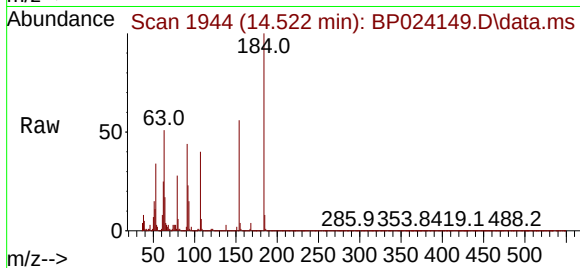
#53
2,4-Dinitrophenol
Concen: 207.091 ng/ul
RT: 14.522 min Scan# 1944
Delta R.T. 0.017 min
Lab File: BP024149.D
Acq: 04 Mar 2025 13:01

Instrument :

BNA_P

ClientSampleId :

SSTD160628



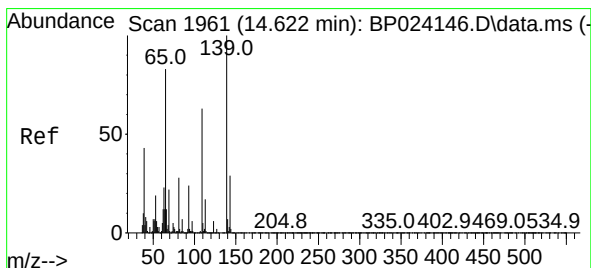
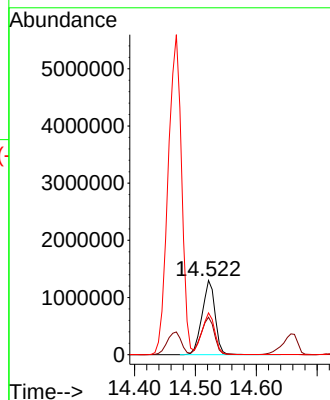
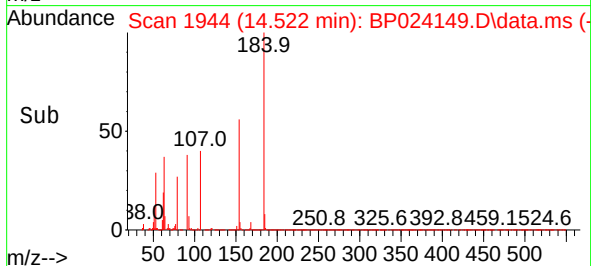
Tgt Ion:184 Resp: 192956
Ion Ratio Lower Upper
184 100
63 50.5 47.8 71.8
154 56.2 47.0 70.6

Manual Integrations

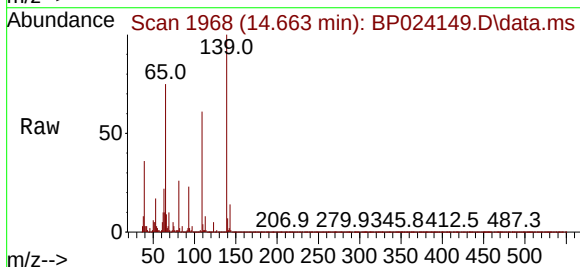
APPROVED

Reviewed By :Rahul Chavli 03/05/2025

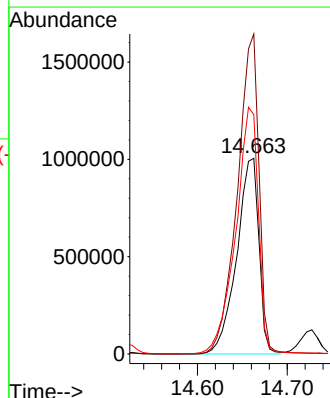
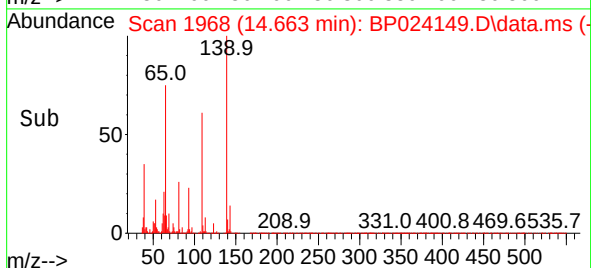
Supervised By :Jagrut Upadhyay 03/05/2025

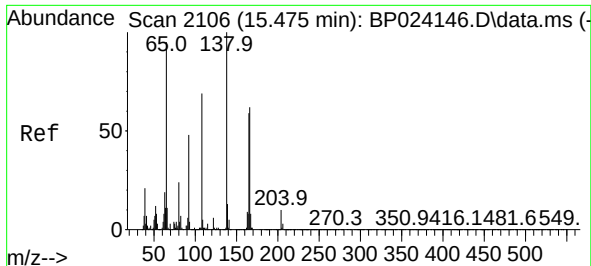


#55
4-Nitrophenol
Concen: 155.174 ng/ul
RT: 14.663 min Scan# 1968
Delta R.T. 0.041 min
Lab File: BP024149.D
Acq: 04 Mar 2025 13:01



Tgt Ion:109 Resp: 1724352
Ion Ratio Lower Upper
109 100
139 163.5 127.4 191.2
65 122.3 106.3 159.5





#63
4-Nitroaniline
Concen: 136.119 ng/ul
RT: 15.504 min Scan# 2111
Delta R.T. 0.029 min
Lab File: BP024149.D
Acq: 04 Mar 2025 13:01

Instrument :

BNP

ClientSampleId :

SSTD160628

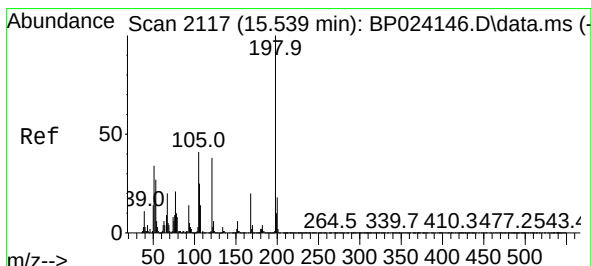
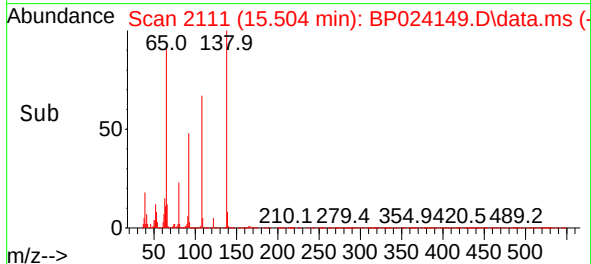
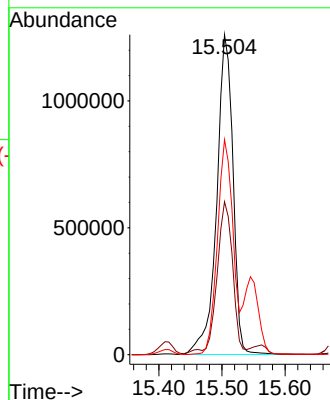
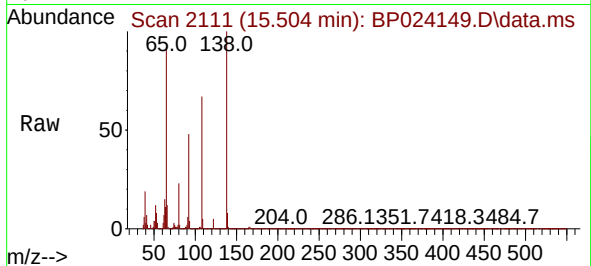
Tgt Ion:138 Resp: 2264778
Ion Ratio Lower Upper
138 100
92 47.8 38.9 58.3
108 67.2 55.3 82.9

Manual Integrations

APPROVED

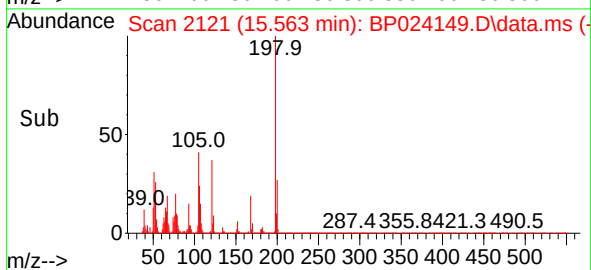
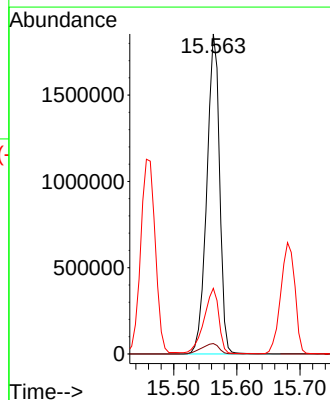
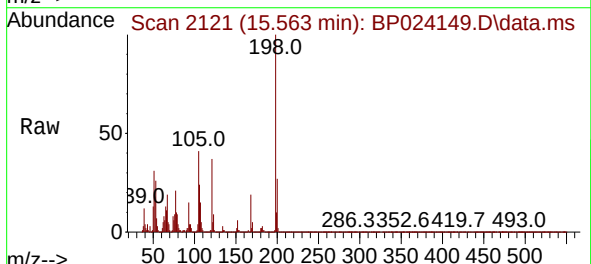
Reviewed By :Rahul Chavli 03/05/2025

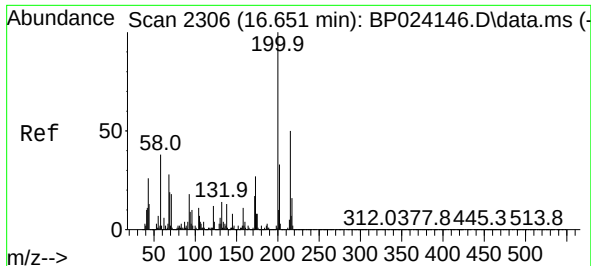
Supervised By :Jagrut Upadhyay 03/05/2025



#66
4,6-Dinitro-2-methylphenol
Concen: 172.168 ng/ul
RT: 15.563 min Scan# 2121
Delta R.T. 0.023 min
Lab File: BP024149.D
Acq: 04 Mar 2025 13:01

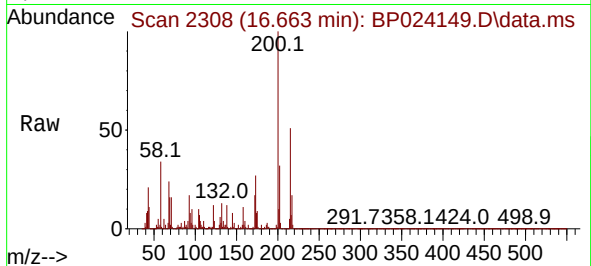
Tgt Ion:198 Resp: 2600014
Ion Ratio Lower Upper
198 100
182 3.2 3.5 5.3#
77 20.5 17.6 26.4





#70
Atrazine
Concen: 129.271 ng/ul
RT: 16.663 min Scan# 2308
Delta R.T. 0.011 min
Lab File: BP024149.D
Acq: 04 Mar 2025 13:01

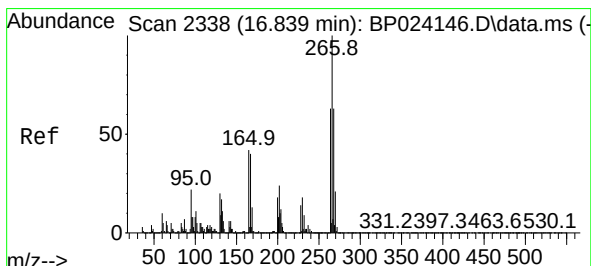
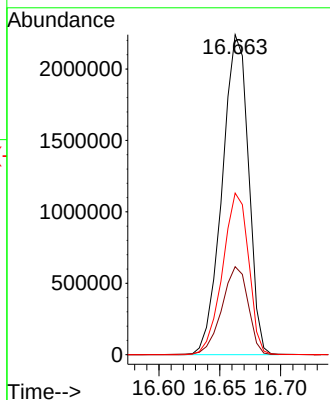
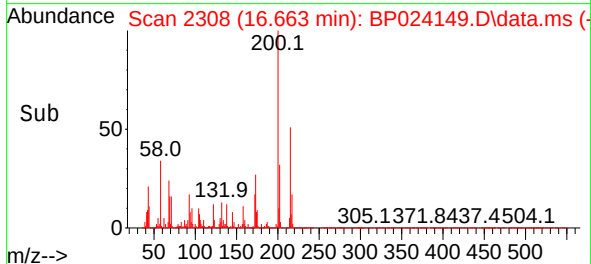
Instrument :
BNA_P
ClientSampleId :
SSTD160628



Tgt Ion:200 Resp: 337024
Ion Ratio Lower Upper
200 100
173 27.5 21.9 32.9
215 50.5 40.4 60.6

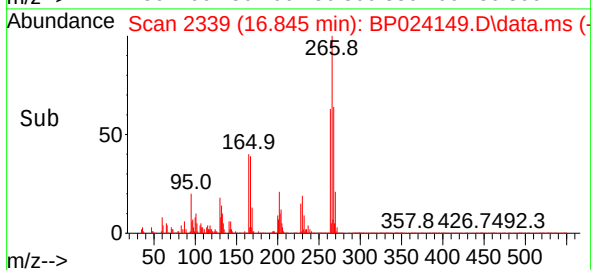
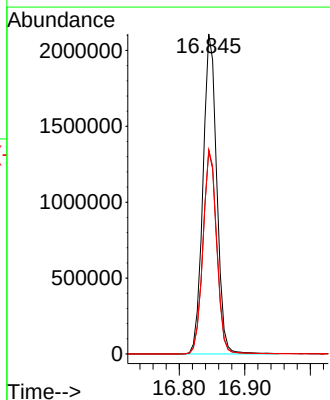
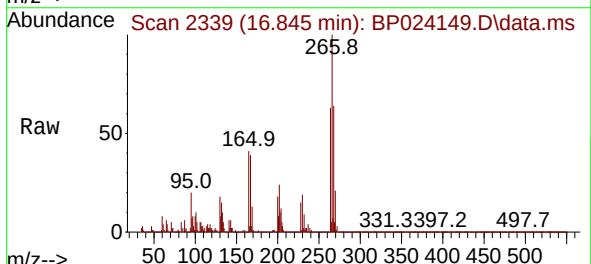
Manual Integrations
APPROVED

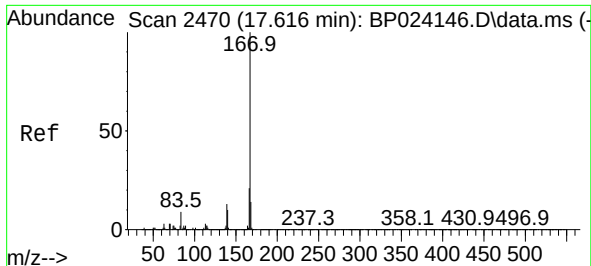
Reviewed By :Rahul Chavli 03/05/2025
Supervised By :Jagrut Upadhyay 03/05/2025



#71
Pentachlorophenol
Concen: 165.097 ng/ul
RT: 16.845 min Scan# 2339
Delta R.T. 0.006 min
Lab File: BP024149.D
Acq: 04 Mar 2025 13:01

Tgt Ion:266 Resp: 3082412
Ion Ratio Lower Upper
266 100
264 63.5 50.6 76.0
268 63.9 50.6 76.0





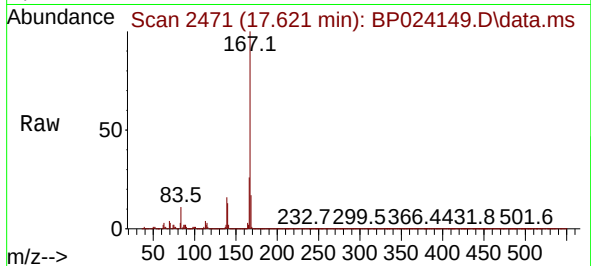
#77
 Carbazole
 Concen: 139.564 ng/ul
 RT: 17.621 min Scan# 2470
 Delta R.T. 0.006 min
 Lab File: BP024149.D
 Acq: 04 Mar 2025 13:01

Instrument :

BNP_P

ClientSampleId :

SSTD160628



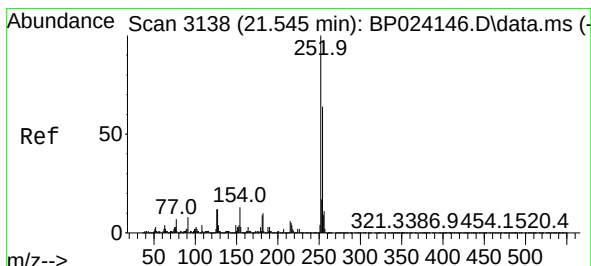
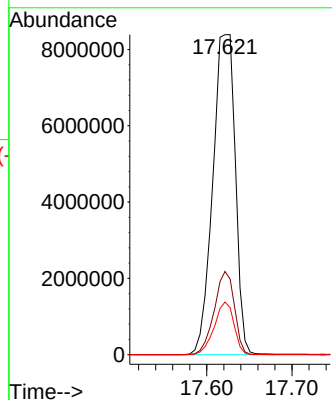
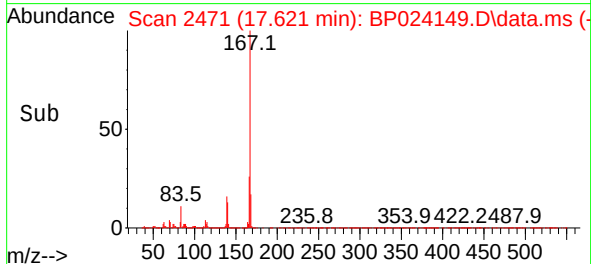
Tgt Ion:167 Resp:1545170
 Ion Ratio Lower Upper
 167 100
 166 26.0 16.8 25.2
 139 16.4 10.2 15.4

Manual Integrations

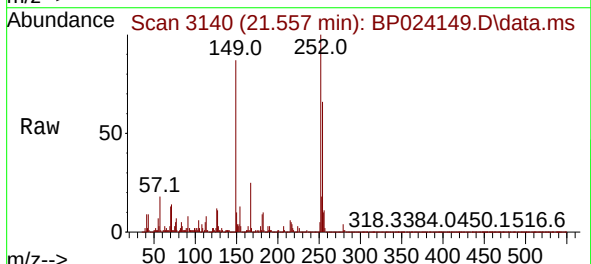
APPROVED

Reviewed By :Rahul Chavli 03/05/2025

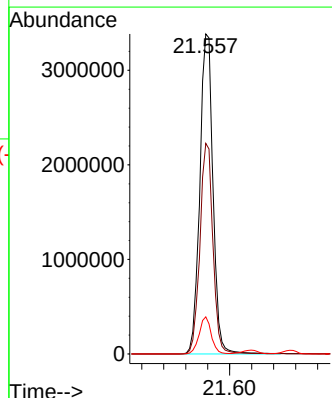
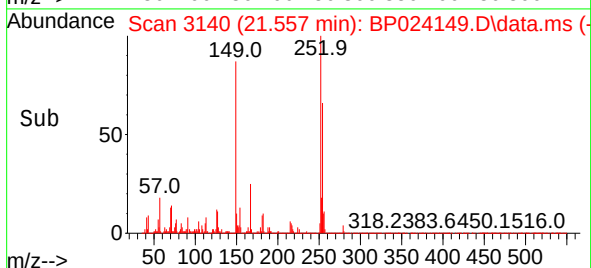
Supervised By :Jagrut Upadhyay 03/05/2025

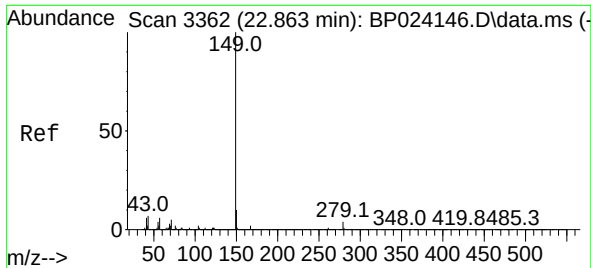


#84
 3,3'-Dichlorobenzidine
 Concen: 119.515 ng/ul
 RT: 21.557 min Scan# 3140
 Delta R.T. 0.011 min
 Lab File: BP024149.D
 Acq: 04 Mar 2025 13:01



Tgt Ion:252 Resp: 5637208
 Ion Ratio Lower Upper
 252 100
 254 65.8 51.2 76.8
 126 11.6 9.3 13.9





#89

Di-n-octyl phthalate

Concen: 146.585 ng/ul m

RT: 22.862 min Scan# 3362

Delta R.T. -0.000 min

Lab File: BP024149.D

Acq: 04 Mar 2025 13:01

Instrument :

BNA_P

ClientSampleId :

SSTD160628

Tgt Ion:149 Resp:2037631

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 03/05/2025

Supervised By :Jagrut Upadhyay 03/05/2025

