

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
 Data File : BP024425.D
 Acq On : 25 Apr 2025 16:30
 Operator : RC/JU
 Sample : Q1867-03MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ211MS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 04/28/2025
 Supervised By :Jagrut Upadhyay 04/28/2025

Quant Time: Apr 25 16:53:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	181048	20.000	ng	-0.01
21) Naphthalene-d8	10.487	136	745915	20.000	ng	#-0.01
39) Acenaphthene-d10	14.339	164	471391	20.000	ng	-0.01
64) Phenanthrene-d10	17.139	188	944632	20.000	ng	0.00
76) Chrysene-d12	21.580	240	1061183	20.000	ng	-0.01
86) Perylene-d12	24.927	264	1320298	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1210025	110.508	ng	0.00
7) Phenol-d6	6.905	99	1571192	104.794	ng	0.00
23) Nitrobenzene-d5	8.857	82	922571	70.526	ng	-0.01
42) 2,4,6-Tribromophenol	15.857	330	821760	125.999	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	2077263	67.471	ng	-0.01
79) Terphenyl-d14	19.863	244	3663523	69.586	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	168642	36.412	ng	98
3) Pyridine	3.675	79	411653	33.660	ng	93
4) n-Nitrosodimethylamine	3.587	42	176993	43.607	ng	84
6) Aniline	7.052	93	366199	27.333	ng	98
8) 2-Chlorophenol	7.293	128	531215	43.453	ng	98
9) Benzaldehyde	6.869	77	247424	33.361	ng	96
10) Phenol	6.928	94	639473	42.517	ng	93
11) bis(2-Chloroethyl)ether	7.146	93	459020	37.879	ng	99
12) 1,3-Dichlorobenzene	7.605	146	542427	41.214	ng	98
13) 1,4-Dichlorobenzene	7.752	146	553724	41.466	ng	99
14) 1,2-Dichlorobenzene	8.063	146	530620	41.151	ng	98
15) Benzyl Alcohol	7.957	79	431728	44.526	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.234	45	513755	39.222	ng	100
17) 2-Methylphenol	8.163	107	435396	44.749	ng	99
18) Hexachloroethane	8.787	117	202812	42.026	ng	95
19) n-Nitroso-di-n-propyla...	8.516	70	345473	37.245	ng	96
20) 3+4-Methylphenols	8.487	107	586233	43.424	ng	98
22) Acetophenone	8.528	105	731146	39.603	ng	# 98
24) Nitrobenzene	8.904	77	522466	40.374	ng	99
25) Isophorone	9.428	82	979318	41.360	ng	98
26) 2-Nitrophenol	9.604	139	280397	44.276	ng	95
27) 2,4-Dimethylphenol	9.675	122	481508	60.554	ng	99
28) bis(2-Chloroethoxy)met...	9.899	93	613878	38.378	ng	98
29) 2,4-Dichlorophenol	10.140	162	483671	44.610	ng	100
30) 1,2,4-Trichlorobenzene	10.351	180	492403	42.388	ng	99
31) Naphthalene	10.534	128	1544096	39.298	ng	100
32) Benzoic acid	9.828	122	383271m	41.365	ng	
33) 4-Chloroaniline	10.651	127	207414	14.990	ng	98
34) Hexachlorobutadiene	10.822	225	304370	44.588	ng	98
35) Caprolactam	11.434	113	166180	41.539	ng	96
36) 4-Chloro-3-methylphenol	11.787	107	540366	42.789	ng	99
37) 2-Methylnaphthalene	12.151	142	983866	36.105	ng	96
38) 1-Methylnaphthalene	12.363	142	1042995	39.125	ng	99
40) 1,2,4,5-Tetrachloroben...	12.516	216	545492	42.080	ng	98
41) Hexachlorocyclopentadiene	12.493	237	711474	155.182	ng	99
43) 2,4,6-Trichlorophenol	12.763	196	387049	44.908	ng	98

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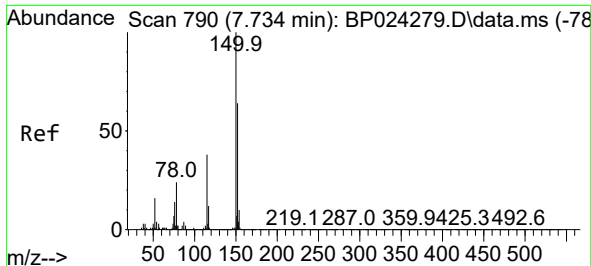
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	434581	45.534	ng	99
46) 1,1'-Biphenyl	13.163	154	1381260	39.864	ng	99
47) 2-Chloronaphthalene	13.204	162	1073150	41.440	ng	98
48) 2-Nitroaniline	13.416	65	321123	44.207	ng	96
49) Acenaphthylene	14.063	152	1791658	43.943	ng	100
50) Dimethylphthalate	13.798	163	1371319	40.003	ng	100
51) 2,6-Dinitrotoluene	13.916	165	303019	41.627	ng	99
52) Acenaphthene	14.404	154	1045186	40.435	ng	98
53) 3-Nitroaniline	14.251	138	227260	29.704	ng	98
54) 2,4-Dinitrophenol	14.463	184	390691	91.115	ng	93
55) Dibenzofuran	14.745	168	1639098	38.794	ng	98
56) 4-Nitrophenol	14.587	139	609575	92.254	ng	94
57) 2,4-Dinitrotoluene	14.716	165	443835	44.697	ng	99
58) Fluorene	15.410	166	1365337	41.743	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.981	232	389819	44.284	ng	99
60) Diethylphthalate	15.181	149	1415500	40.069	ng	100
61) 4-Chlorophenyl-phenyle...	15.398	204	656551	41.337	ng	97
62) 4-Nitroaniline	15.428	138	342866	42.333	ng	90
63) Azobenzene	15.698	77	1371272	42.233	ng	97
65) 4,6-Dinitro-2-methylph...	15.486	198	249268	41.855	ng	98
66) n-Nitrosodiphenylamine	15.622	169	1163144	41.253	ng	99
67) 4-Bromophenyl-phenylether	16.310	248	443805	42.958	ng	99
68) Hexachlorobenzene	16.428	284	551853	44.952	ng	99
69) Atrazine	16.592	200	437417	60.913	ng	99
70) Pentachlorophenol	16.786	266	787664	91.970	ng	99
71) Phenanthrene	17.180	178	2317924	44.980	ng	99
72) Anthracene	17.275	178	2219616	44.690	ng	100
73) Carbazole	17.563	167	2116093	43.605	ng	99
74) Di-n-butylphthalate	18.145	149	2593640	42.899	ng	100
75) Fluoranthene	19.269	202	2897962	47.284	ng	98
77) Benzidine	19.469	184	1046799	77.821	ng	99
78) Pyrene	19.645	202	2990415	44.342	ng	99
80) Butylbenzylphthalate	20.592	149	1298669	44.959	ng	97
81) Benzo(a)anthracene	21.563	228	2971417	45.049	ng	99
82) 3,3'-Dichlorobenzidine	21.486	252	731544	31.599	ng	100
83) Chrysene	21.633	228	2758363	43.651	ng	99
84) Bis(2-ethylhexyl)phtha...	21.498	149	1898349	44.830	ng	99
85) Di-n-octyl phthalate	22.768	149	3124024	45.380	ng	100
87) Indeno(1,2,3-cd)pyrene	28.698	276	4243296	46.293	ng	97
88) Benzo(b)fluoranthene	23.868	252	3229883m	40.812	ng	
89) Benzo(k)fluoranthene	23.939	252	3211054m	42.005	ng	
90) Benzo(a)pyrene	24.768	252	3161390	46.310	ng	98
91) Dibenzo(a,h)anthracene	28.792	278	3382088	44.454	ng	97
92) Benzo(g,h,i)perylene	29.892	276	3442843	44.458	ng	96

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



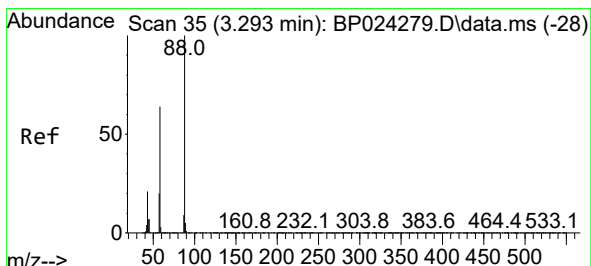
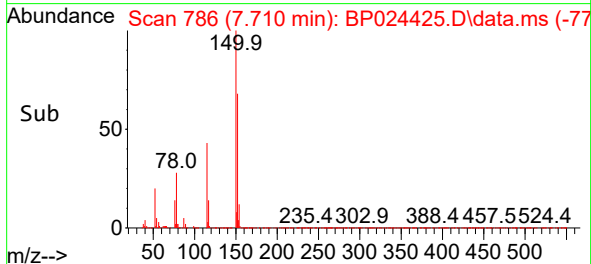
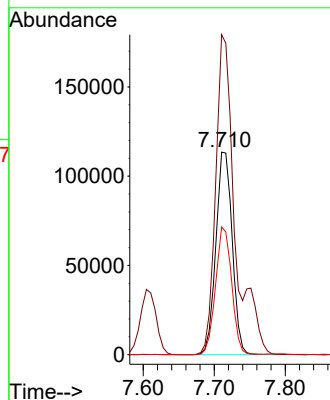
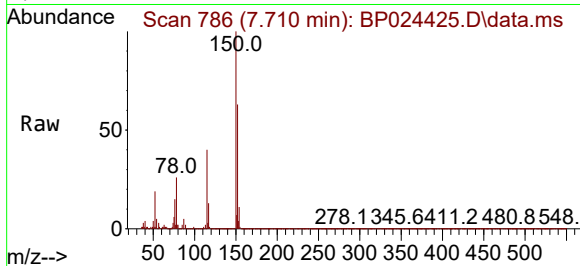
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 7
Delta R.T. -0.012 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

Instrument :
BNA_P
ClientSampleId :
VNJ211MS

Tgt Ion:152 Resp: 18104
Ion Ratio Lower Upper
152 100
150 157.9 124.9 187.3
115 63.0 47.7 71.5

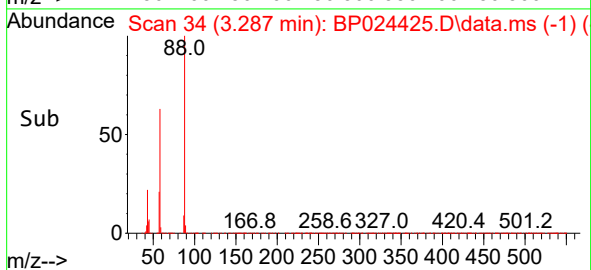
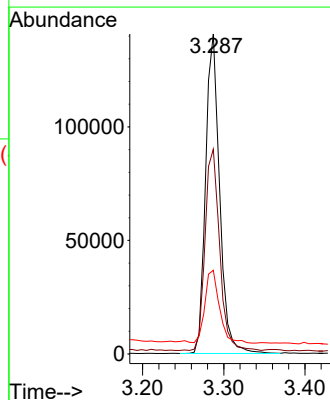
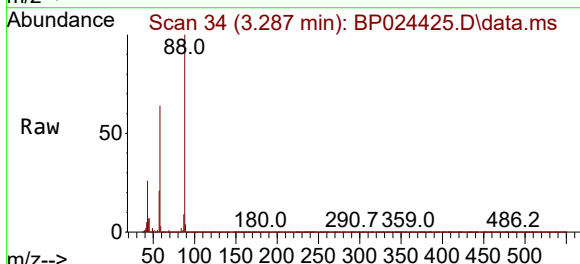
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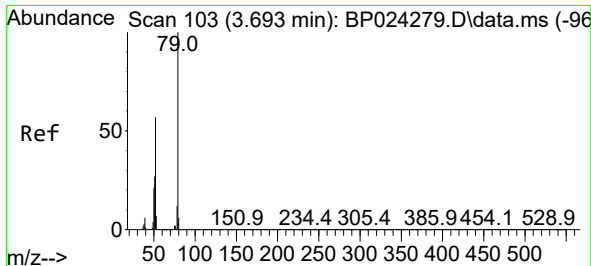
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#2
1,4-Dioxane
Concen: 36.412 ng
RT: 3.287 min Scan# 34
Delta R.T. 0.000 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

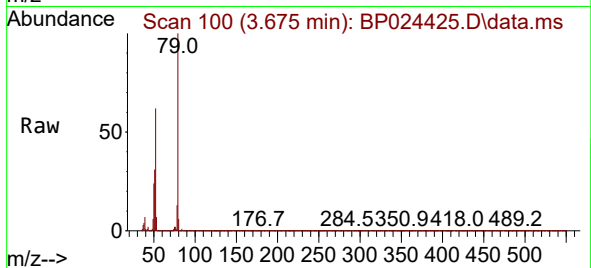
Tgt Ion: 88 Resp: 168642
Ion Ratio Lower Upper
88 100
58 65.3 51.4 77.2
43 23.5 17.1 25.7





#3
Pyridine
Concen: 33.660 ng
RT: 3.675 min Scan# 103
Delta R.T. -0.012 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

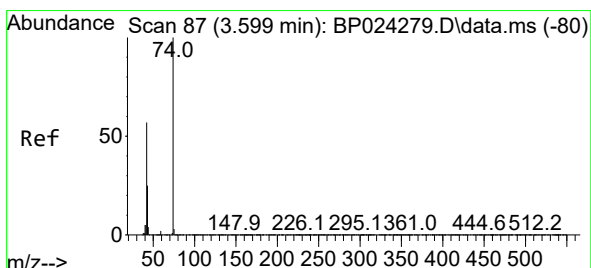
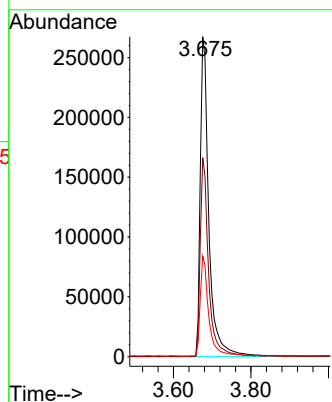
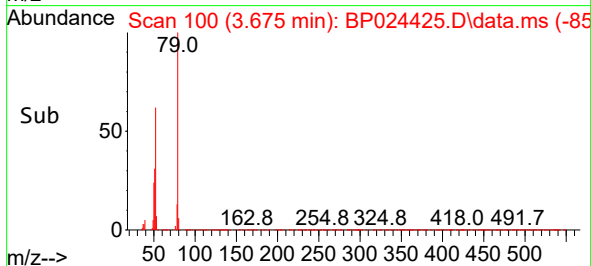
Instrument :
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ClientSampleId :
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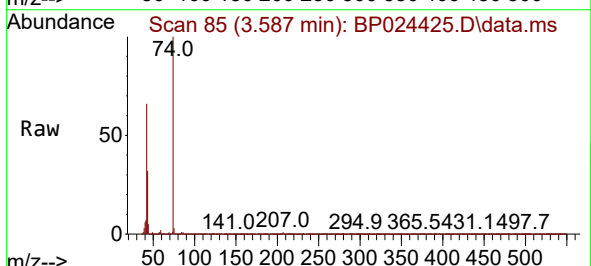
Tgt Ion: 79 Resp: 41165
Ion Ratio Lower Upper
79 100
52 62.2 45.4 68.2
51 31.4 22.6 33.8

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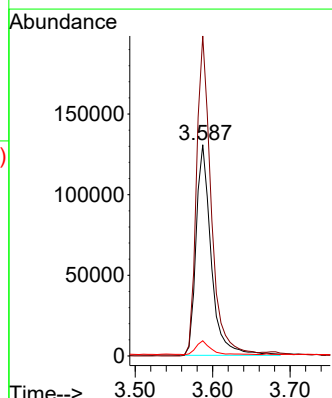
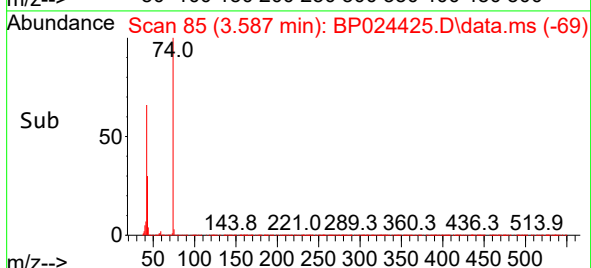
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Supervised By :Jagrut Upadhyay 04/28/2025

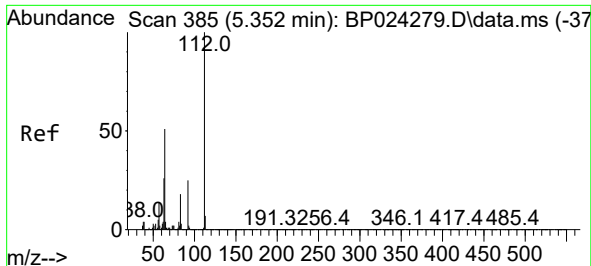


#4
n-Nitrosodimethylamine
Concen: 43.607 ng
RT: 3.587 min Scan# 85
Delta R.T. -0.006 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30



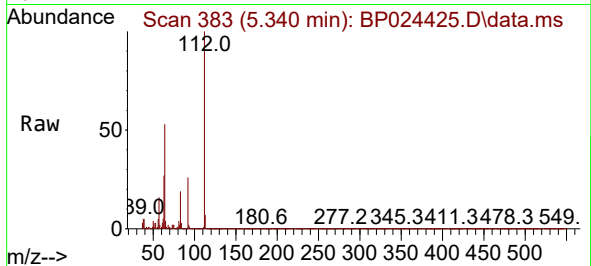
Tgt Ion: 42 Resp: 176993
Ion Ratio Lower Upper
42 100
74 151.6 139.5 209.3
44 7.2 5.8 8.8





#5
2-Fluorophenol
Concen: 110.508 ng
RT: 5.340 min Scan# 385
Delta R.T. -0.006 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

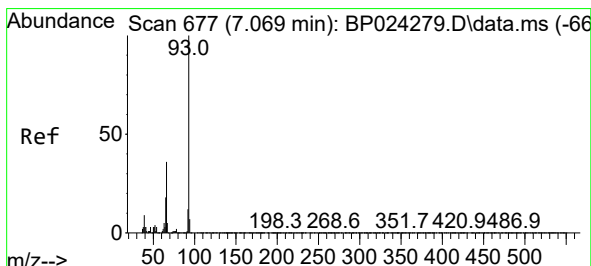
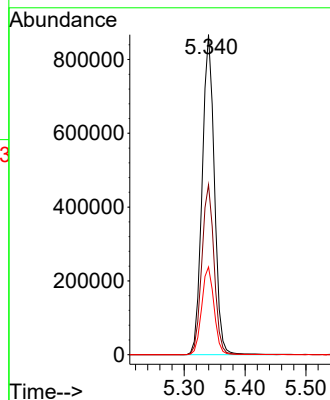
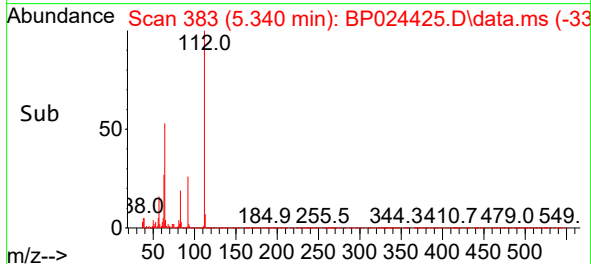
Instrument :
BNA_P
ClientSampleId :
VNJ211MS



Tgt Ion: 112 Resp: 121002
Ion Ratio Lower Upper
112 100
64 53.1 41.1 61.7
63 27.4 20.6 30.8

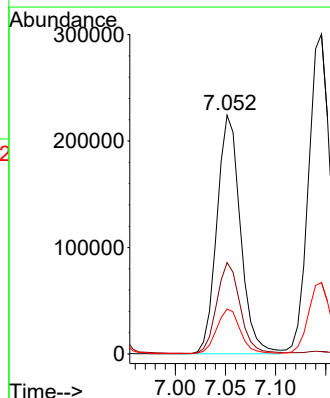
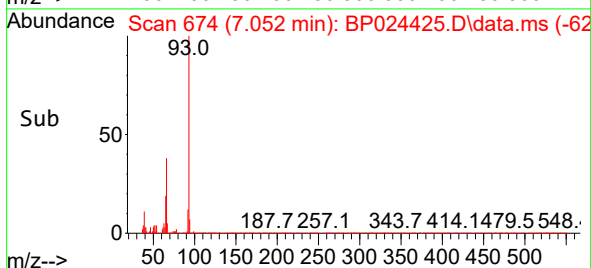
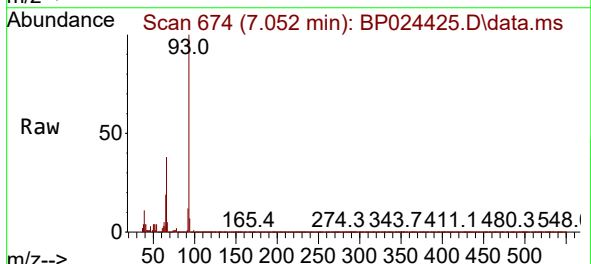
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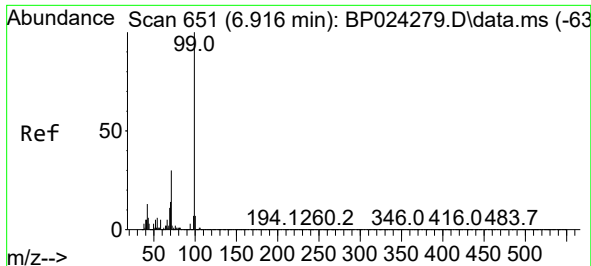
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#6
Aniline
Concen: 27.333 ng
RT: 7.052 min Scan# 674
Delta R.T. -0.012 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

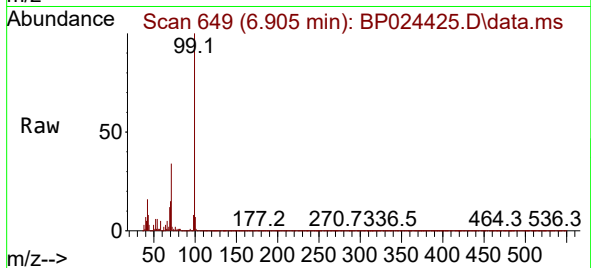
Tgt Ion: 93 Resp: 366199
Ion Ratio Lower Upper
93 100
66 38.3 29.1 43.7
65 18.9 14.7 22.1





#7
Phenol-d6
Concen: 104.794 ng
RT: 6.905 min Scan# 649
Delta R.T. -0.006 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

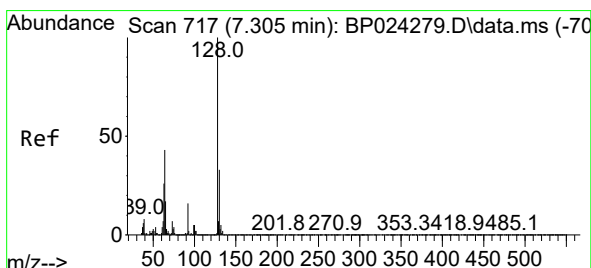
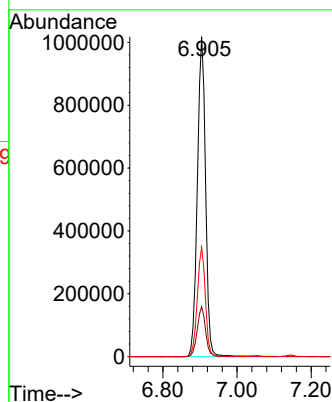
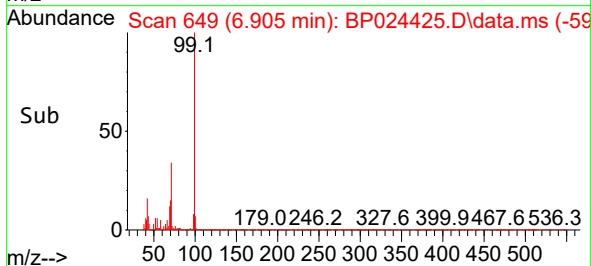
Instrument :
BNA_P
ClientSampleId :
VNJ211MS



Tgt Ion: 99 Resp: 1571192
Ion Ratio Lower Upper
99 100
42 15.7 10.6 16.0
71 34.2 23.7 35.5

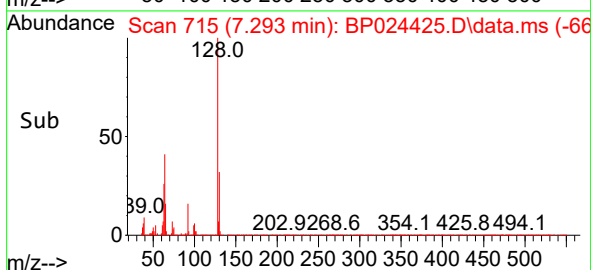
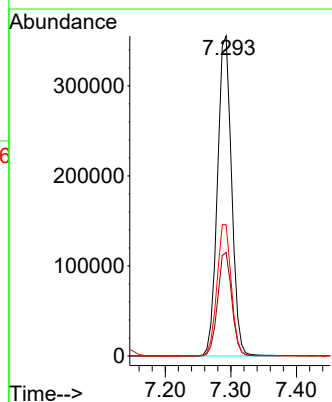
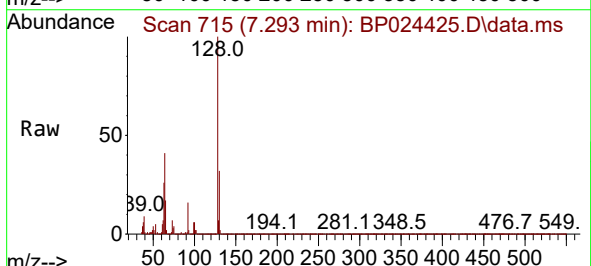
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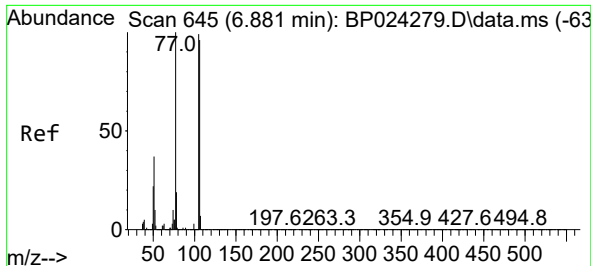
Reviewed By :Rahul Chavli 04/28/2025
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#8
2-Chlorophenol
Concen: 43.453 ng
RT: 7.293 min Scan# 715
Delta R.T. -0.006 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

Tgt Ion:128 Resp: 531215
Ion Ratio Lower Upper
128 100
130 32.4 12.9 52.9
64 41.0 22.7 62.7





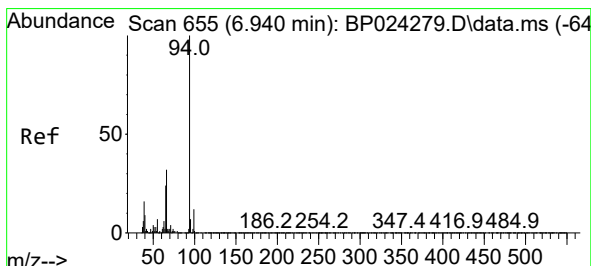
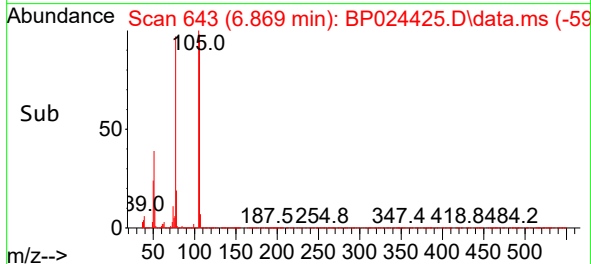
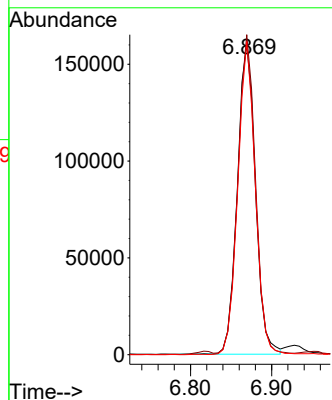
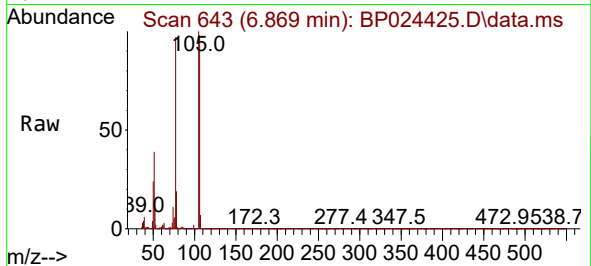
#9
Benzaldehyde
Concen: 33.361 ng
RT: 6.869 min Scan# 645
Delta R.T. -0.012 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

Instrument :
BNA_P
ClientSampleId :
VNJ211MS

Tgt Ion: 77 Resp: 247424
Ion Ratio Lower Upper
77 100
105 103.2 79.2 119.2
106 101.0 76.2 116.2

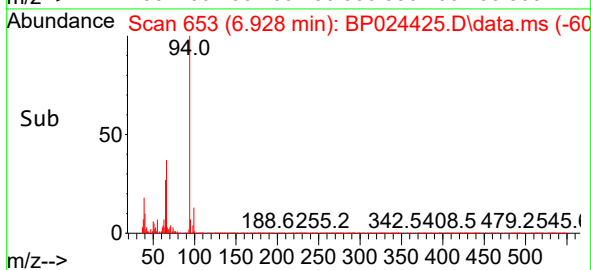
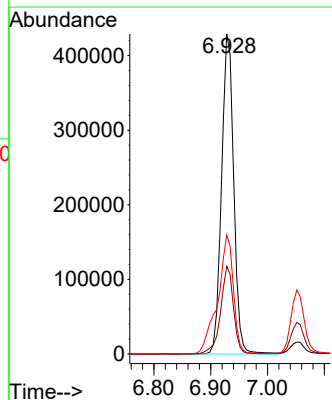
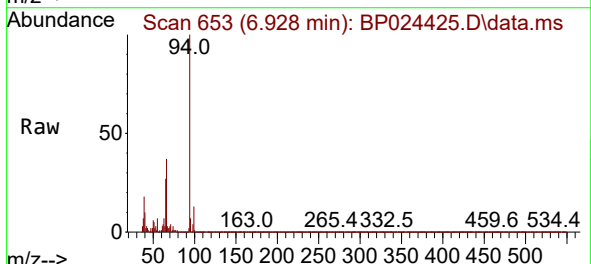
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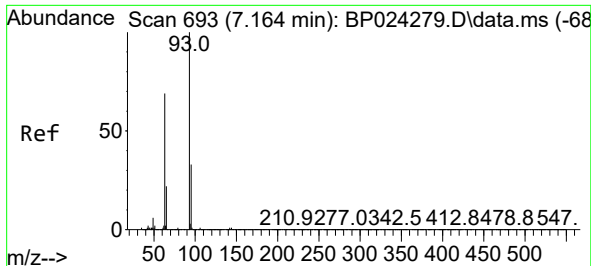
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#10
Phenol
Concen: 42.517 ng
RT: 6.928 min Scan# 653
Delta R.T. -0.012 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

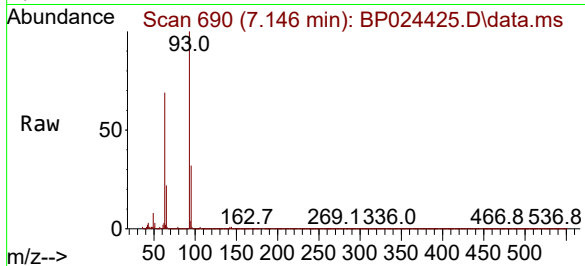
Tgt Ion: 94 Resp: 639473
Ion Ratio Lower Upper
94 100
65 27.4 4.5 44.5
66 37.2 12.4 52.4





#11
bis(2-Chloroethyl)ether
Concen: 37.879 ng
RT: 7.146 min Scan# 693
Delta R.T. -0.012 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

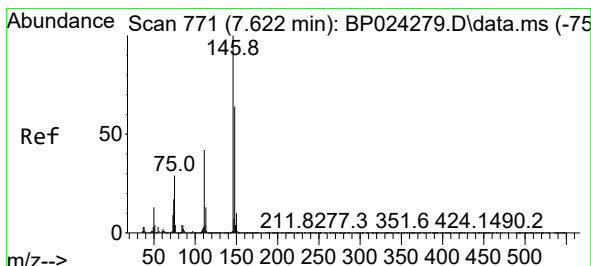
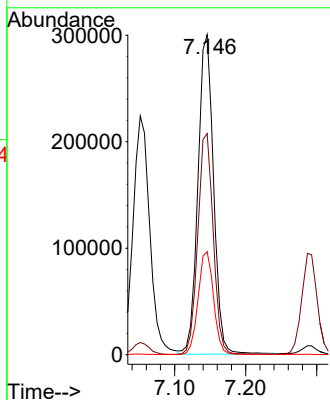
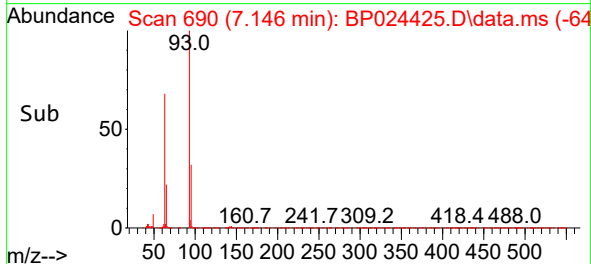
Instrument :
BNA_P
ClientSampleId :
VNJ211MS



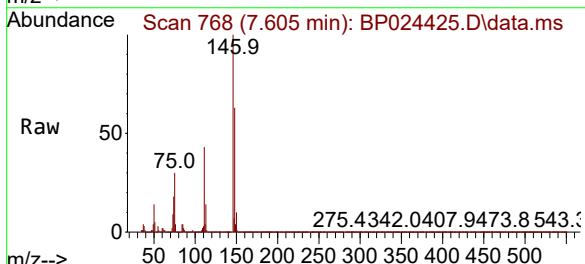
Tgt Ion: 93 Resp: 459020
Ion Ratio Lower Upper
93 100
63 69.1 48.6 88.6
95 32.2 12.3 52.3

Manual Integrations
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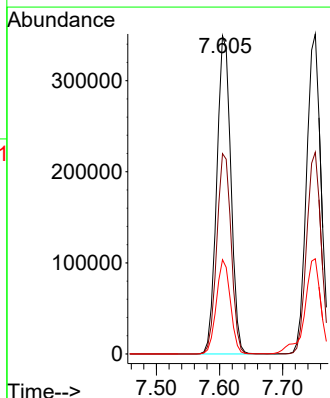
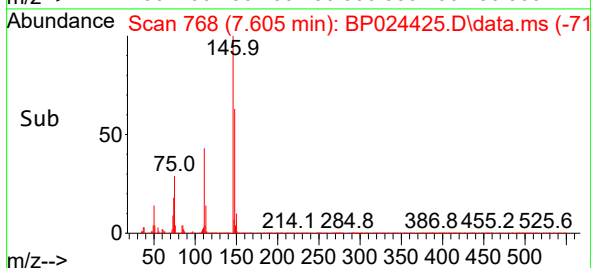
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025

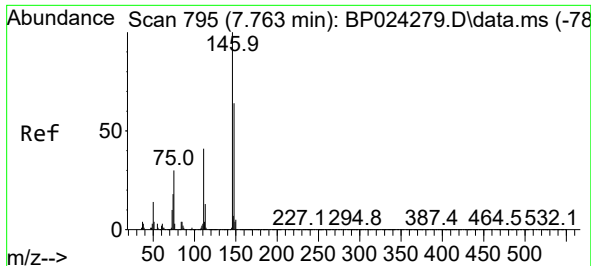


#12
1,3-Dichlorobenzene
Concen: 41.214 ng
RT: 7.605 min Scan# 768
Delta R.T. -0.012 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30



Tgt Ion:146 Resp: 542427
Ion Ratio Lower Upper
146 100
148 62.9 51.4 77.0
75 29.6 22.9 34.3





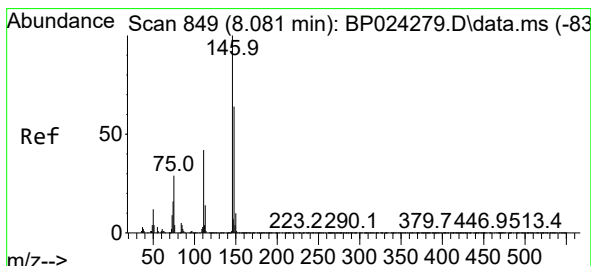
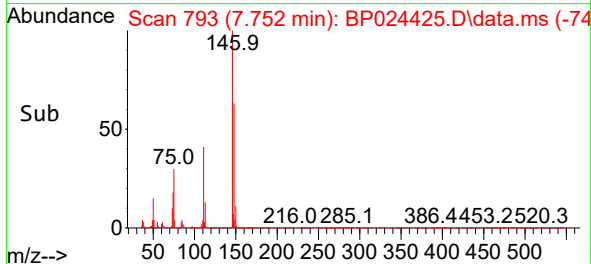
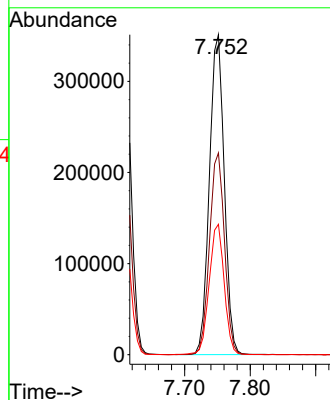
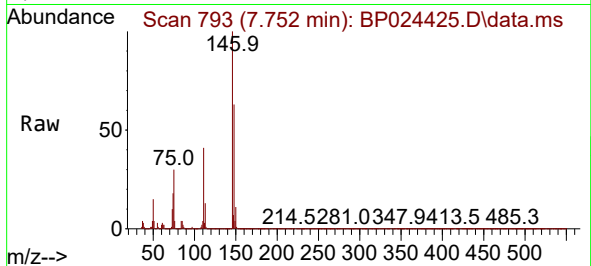
#13
1,4-Dichlorobenzene
Concen: 41.466 ng
RT: 7.752 min Scan# 795
Delta R.T. -0.006 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

Instrument :
BNA_P
ClientSampleId :
VNJ211MS

Tgt Ion:146 Resp: 553724
Ion Ratio Lower Upper
146 100
148 63.0 51.1 76.7
111 40.7 32.6 48.8

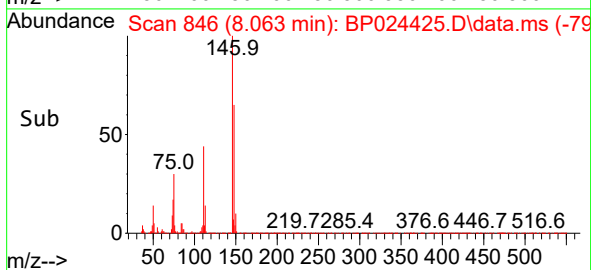
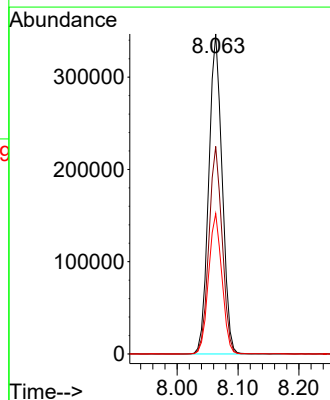
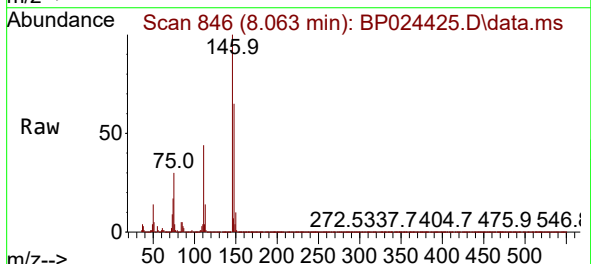
Manual Integrations
APPROVED

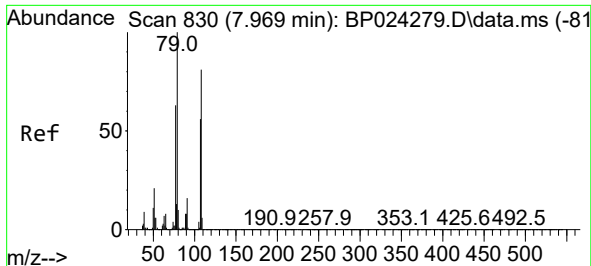
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#14
1,2-Dichlorobenzene
Concen: 41.151 ng
RT: 8.063 min Scan# 846
Delta R.T. -0.012 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

Tgt Ion:146 Resp: 530620
Ion Ratio Lower Upper
146 100
148 64.8 51.0 76.4
111 43.8 33.8 50.8





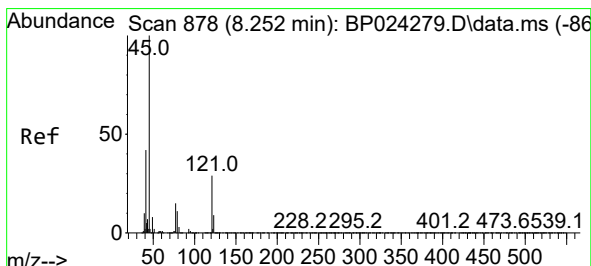
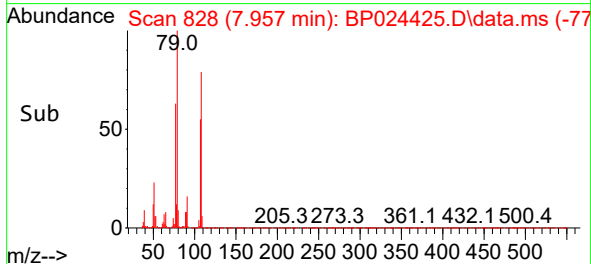
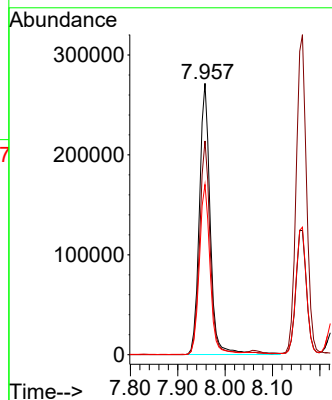
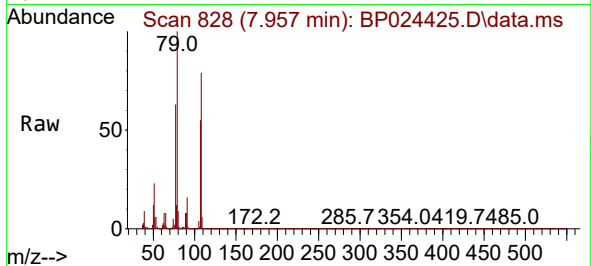
#15
Benzyl Alcohol
Concen: 44.526 ng
RT: 7.957 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

Instrument :
BNA_P
ClientSampleId :
VNJ211MS

Tgt Ion: 79 Resp: 431728
Ion Ratio Lower Upper
79 100
108 78.8 65.1 97.7
77 62.8 50.7 76.1

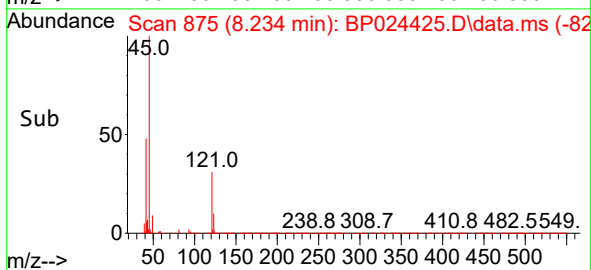
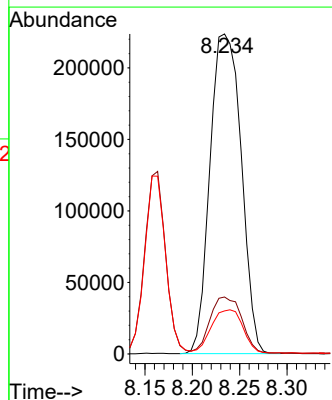
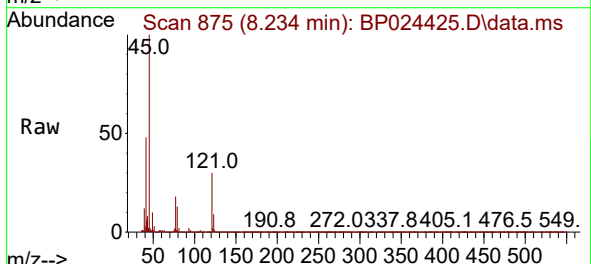
Manual Integrations
APPROVED

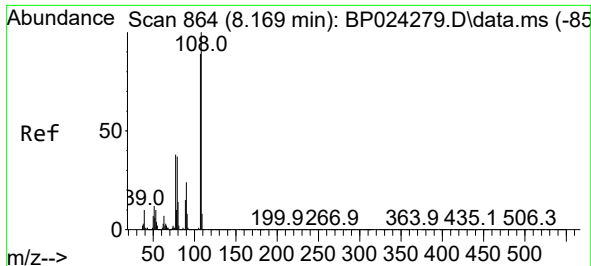
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.222 ng
RT: 8.234 min Scan# 875
Delta R.T. -0.012 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

Tgt Ion: 45 Resp: 513755
Ion Ratio Lower Upper
45 100
77 17.8 0.0 37.7
79 13.5 0.0 33.5





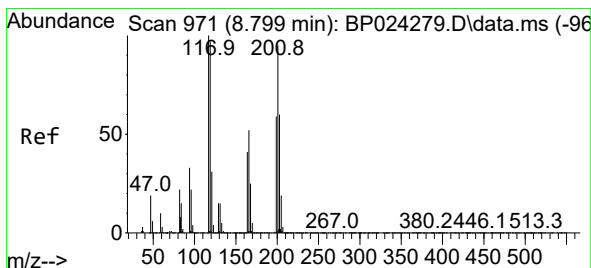
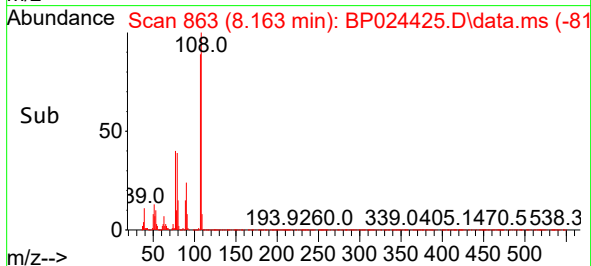
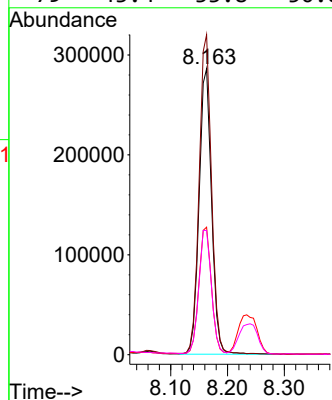
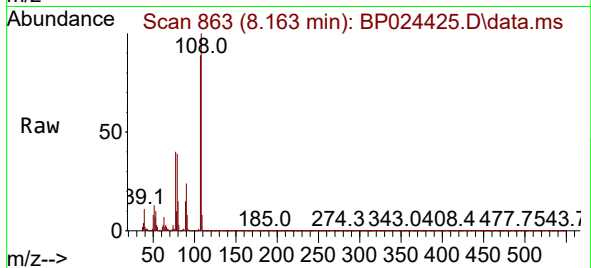
#17
2-Methylphenol
Concen: 44.749 ng
RT: 8.163 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

Instrument :
BNA_P
ClientSampleId :
VNJ211MS

Tgt Ion:107 Resp: 435390
Ion Ratio Lower Upper
107 100
108 111.9 89.8 134.6
77 44.6 34.2 51.4
79 43.4 33.8 50.8

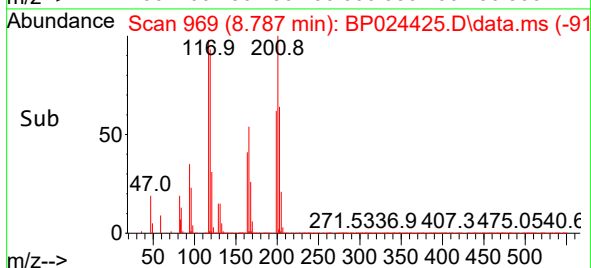
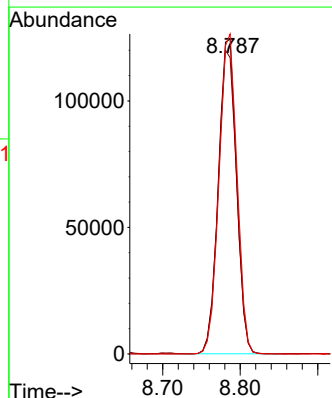
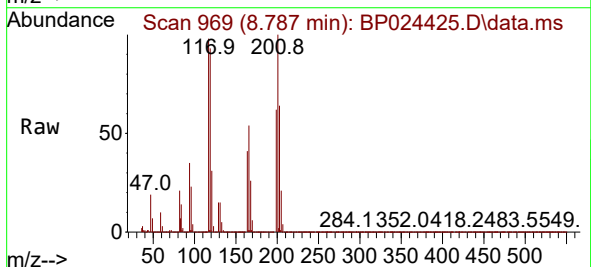
Manual Integrations
APPROVED

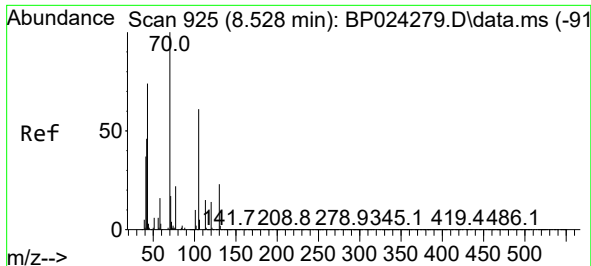
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#18
Hexachloroethane
Concen: 42.026 ng
RT: 8.787 min Scan# 969
Delta R.T. -0.006 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

Tgt Ion:117 Resp: 202812
Ion Ratio Lower Upper
117 100
119 94.1 77.8 116.6
201 101.6 75.9 113.9





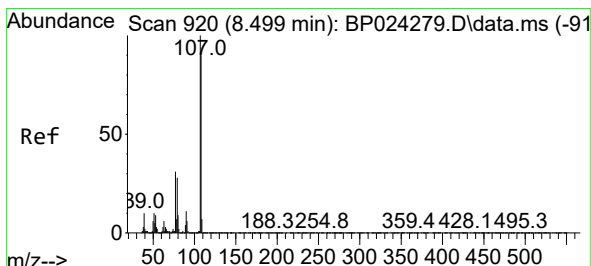
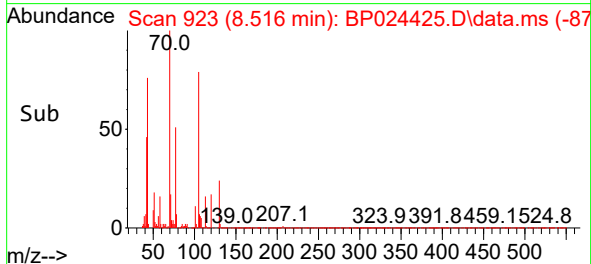
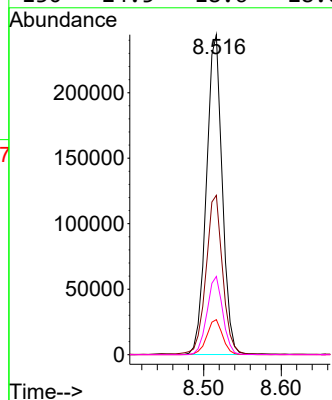
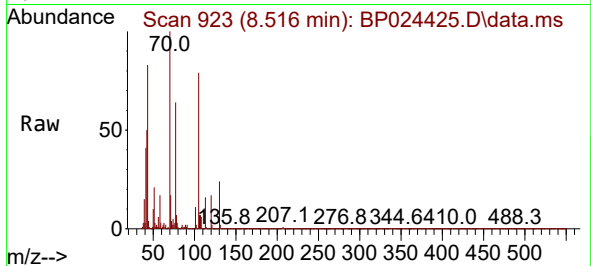
#19
n-Nitroso-di-n-propylamine
Concen: 37.245 ng
RT: 8.516 min Scan# 918
Delta R.T. -0.006 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

Instrument :
BNA_P
ClientSampleId :
VNJ211MS

Tgt Ion: 70 Resp: 34547
Ion Ratio Lower Upper
70 100
42 49.8 37.3 55.9
101 10.9 8.2 12.4
130 24.5 18.6 28.0

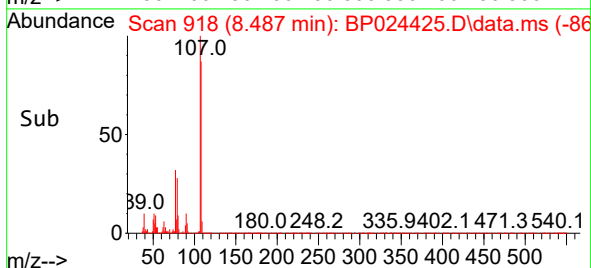
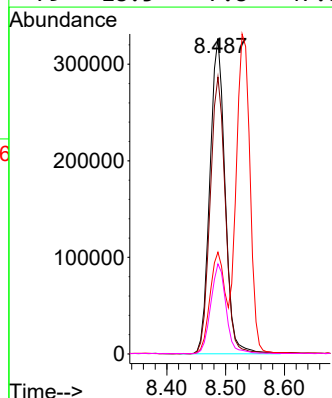
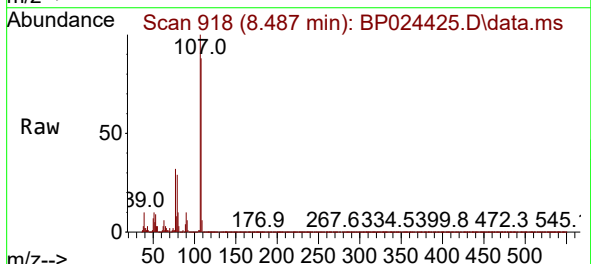
Manual Integrations
APPROVED

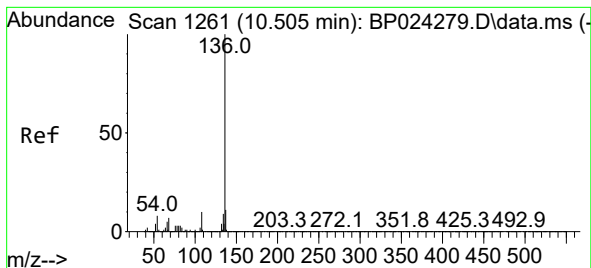
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#20
3+4-Methylphenols
Concen: 43.424 ng
RT: 8.487 min Scan# 918
Delta R.T. -0.006 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

Tgt Ion:107 Resp: 586233
Ion Ratio Lower Upper
107 100
108 87.8 69.8 109.8
77 32.3 11.5 51.5
79 28.5 7.8 47.8





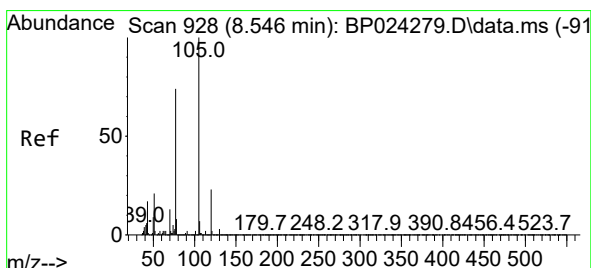
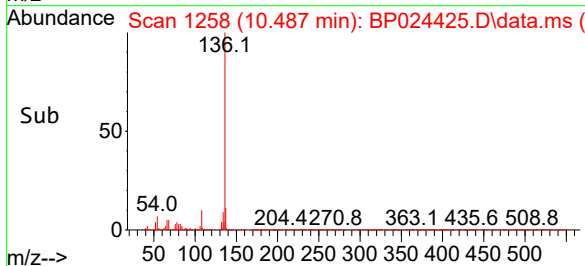
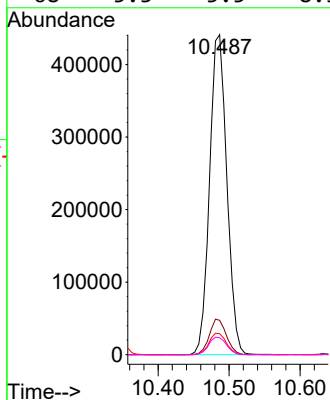
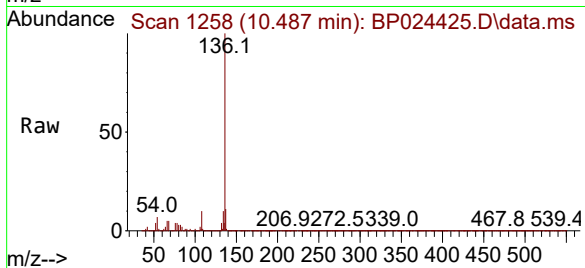
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.012 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

Instrument :
BNA_P
ClientSampleId :
VNJ211MS

Tgt Ion:136 Resp: 745915
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 6.6 6.0 9.0
68 5.3 5.5 8.3#

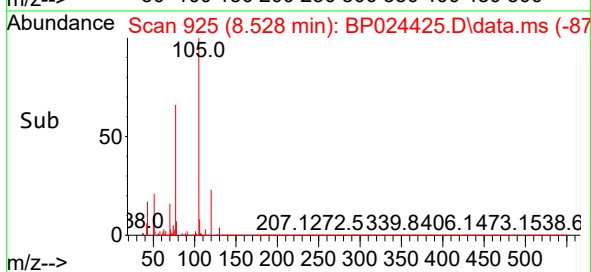
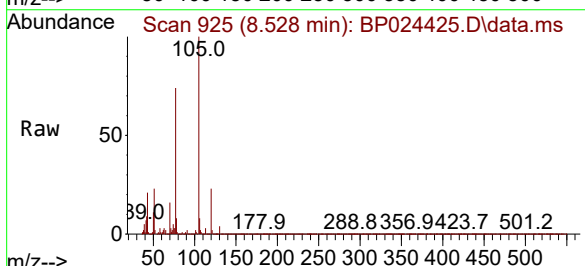
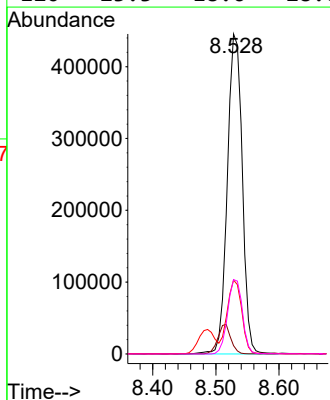
Manual Integrations
APPROVED

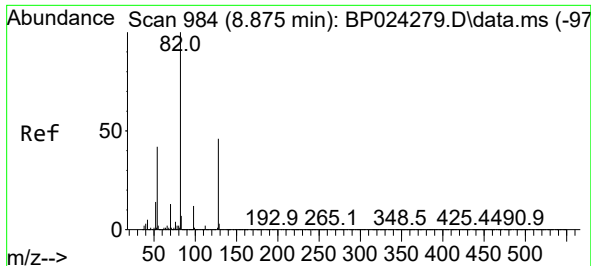
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#22
Acetophenone
Concen: 39.603 ng
RT: 8.528 min Scan# 925
Delta R.T. -0.012 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

Tgt Ion:105 Resp: 731146
Ion Ratio Lower Upper
105 100
71 2.6 1.7 2.5#
51 23.1 16.9 25.3
120 23.3 18.6 28.0





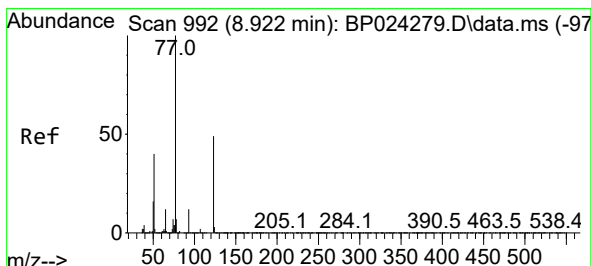
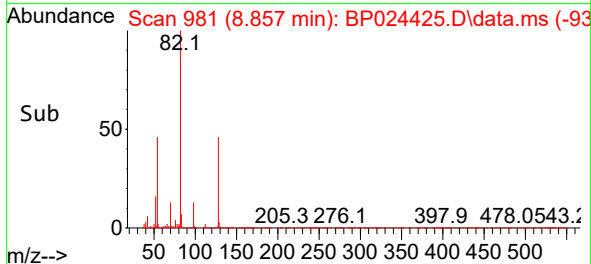
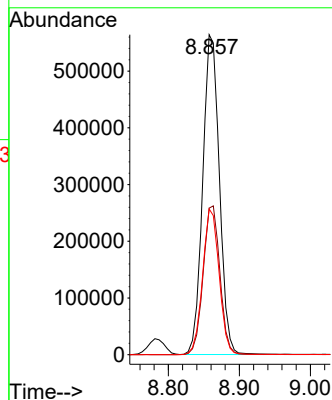
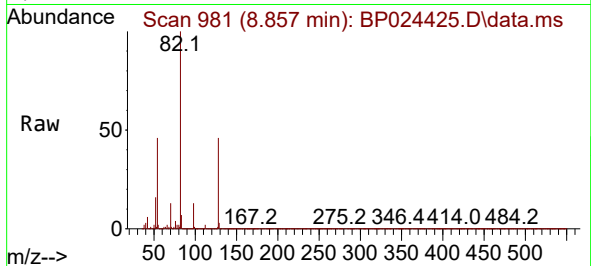
#23
Nitrobenzene-d5
Concen: 70.526 ng
RT: 8.857 min Scan# 981
Delta R.T. -0.012 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

Instrument :
BNA_P
ClientSampleId :
VNJ211MS

Tgt Ion: 82 Resp: 92257
Ion Ratio Lower Upper
82 100
128 45.8 36.5 54.7
54 45.5 33.4 50.2

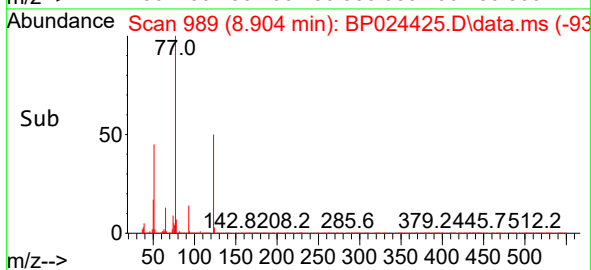
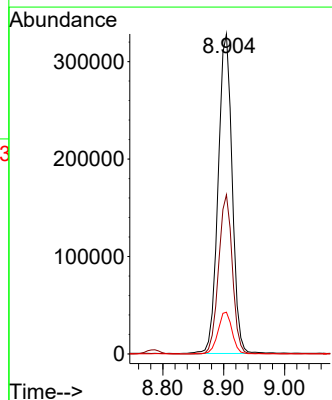
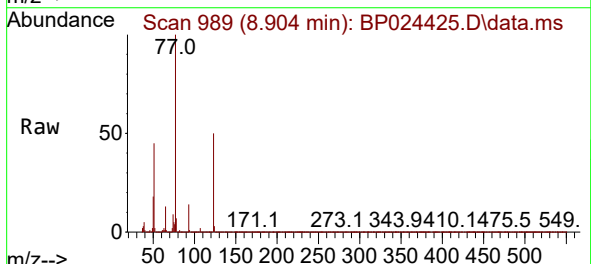
Manual Integrations
APPROVED

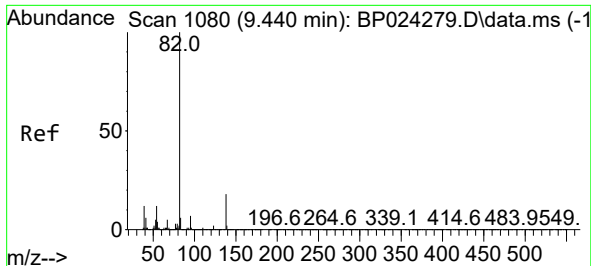
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#24
Nitrobenzene
Concen: 40.374 ng
RT: 8.904 min Scan# 989
Delta R.T. -0.006 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

Tgt Ion: 77 Resp: 522466
Ion Ratio Lower Upper
77 100
123 49.7 39.2 58.8
65 13.0 9.8 14.6





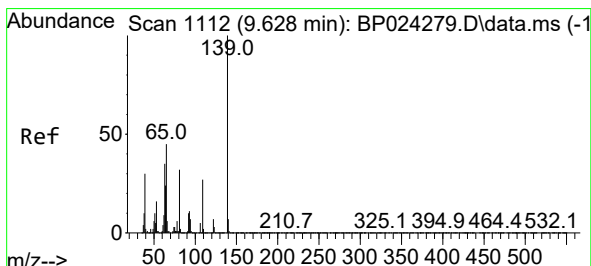
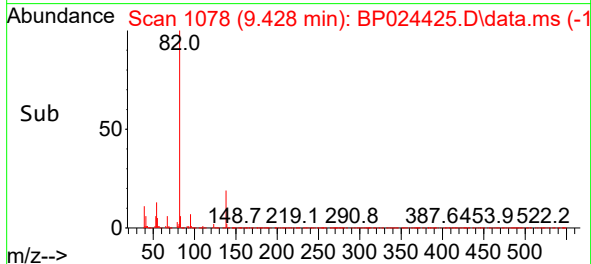
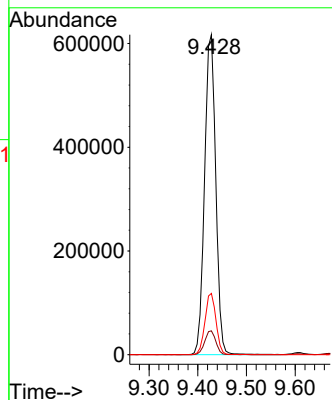
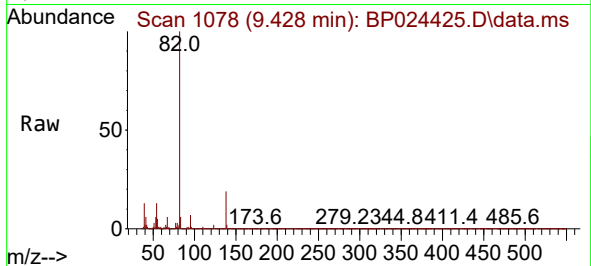
#25
Isophorone
Concen: 41.360 ng
RT: 9.428 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

Instrument :
BNA_P
ClientSampleId :
VNJ211MS

Tgt Ion: 82 Resp: 979318
Ion Ratio Lower Upper
82 100
95 7.5 5.4 8.2
138 19.2 14.4 21.6

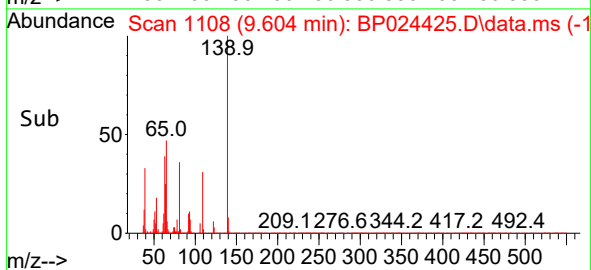
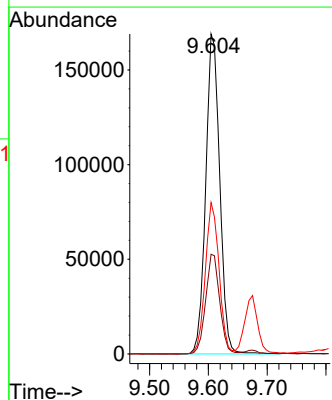
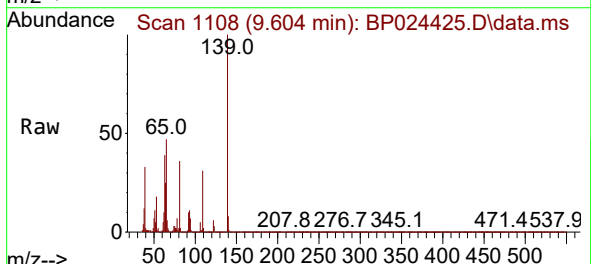
Manual Integrations
APPROVED

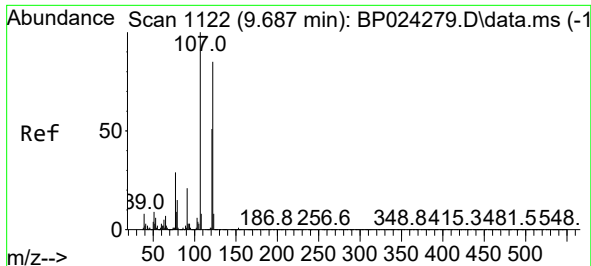
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#26
2-Nitrophenol
Concen: 44.276 ng
RT: 9.604 min Scan# 1108
Delta R.T. -0.012 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

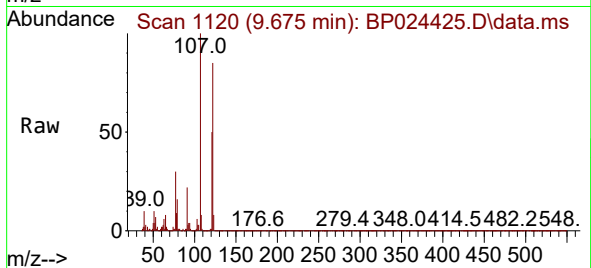
Tgt Ion:139 Resp: 280397
Ion Ratio Lower Upper
139 100
109 31.1 21.8 32.6
65 47.3 36.2 54.2





#27
2,4-Dimethylphenol
Concen: 60.554 ng
RT: 9.675 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

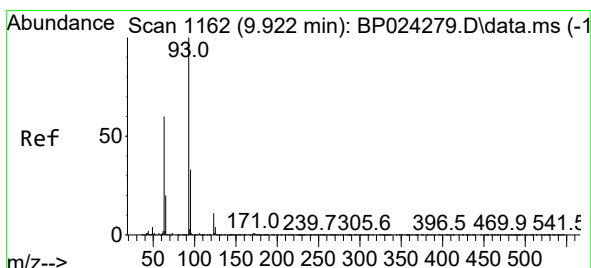
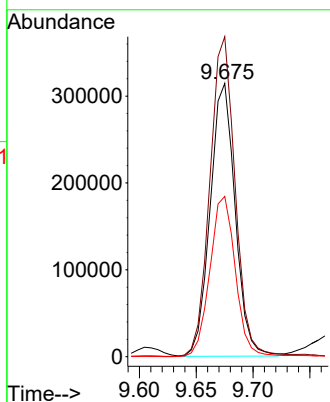
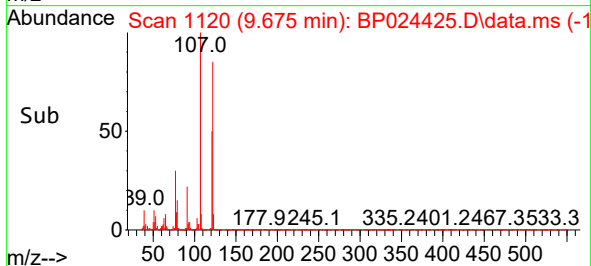
Instrument :
BNA_P
ClientSampleId :
VNJ211MS



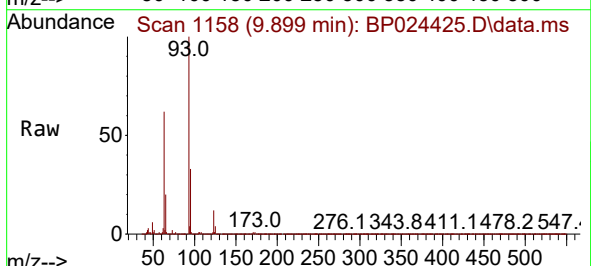
Tgt Ion: 122 Resp: 481508
Ion Ratio Lower Upper
122 100
107 117.1 93.7 140.5
121 58.7 48.2 72.2

Manual Integrations
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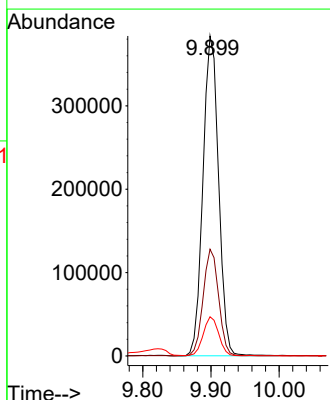
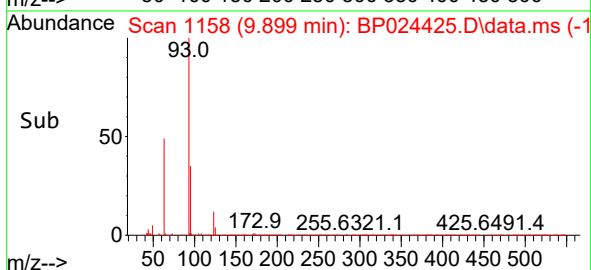
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025

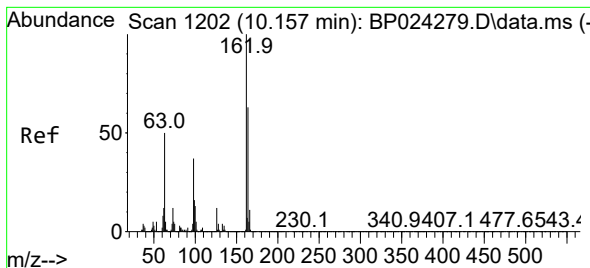


#28
bis(2-Chloroethoxy)methane
Concen: 38.378 ng
RT: 9.899 min Scan# 1158
Delta R.T. -0.012 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30



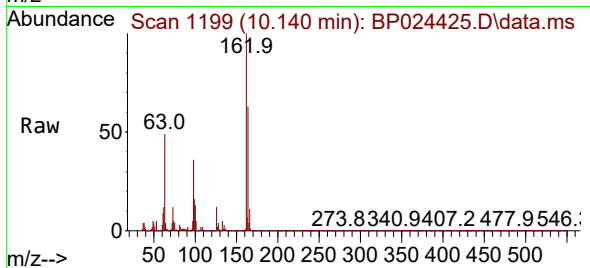
Tgt Ion: 93 Resp: 613878
Ion Ratio Lower Upper
93 100
95 33.4 26.0 39.0
123 12.2 9.1 13.7





#29
2,4-Dichlorophenol
Concen: 44.610 ng
RT: 10.140 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

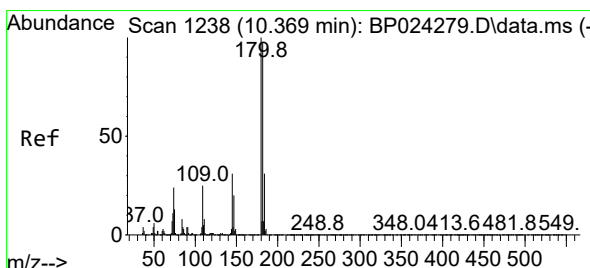
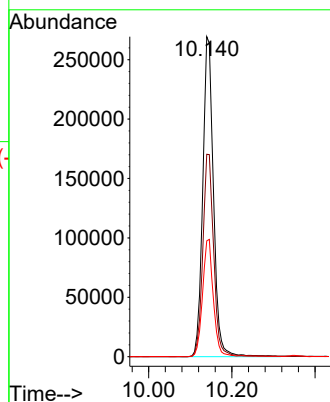
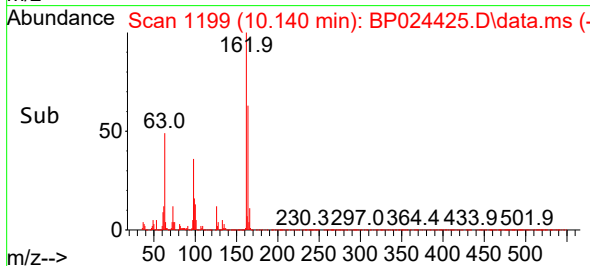
Instrument :
BNA_P
ClientSampleId :
VNJ211MS



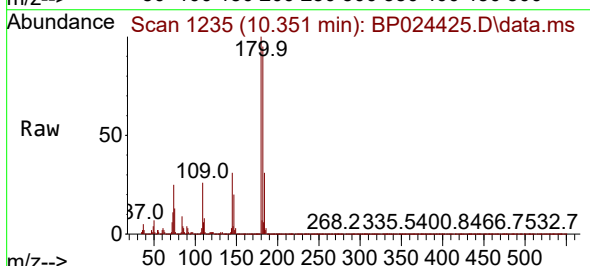
Tgt Ion:162 Resp: 48367
Ion Ratio Lower Upper
162 100
164 63.3 43.3 83.3
98 36.2 16.6 56.6

Manual Integrations
APPROVED

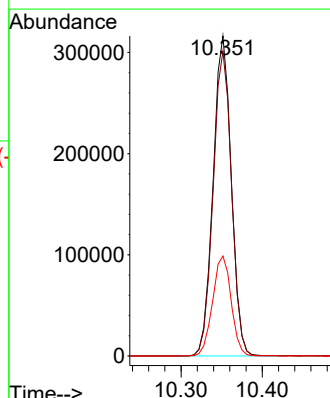
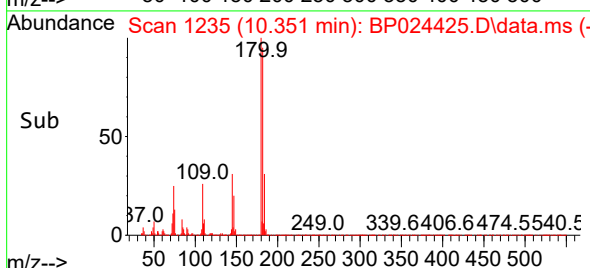
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025

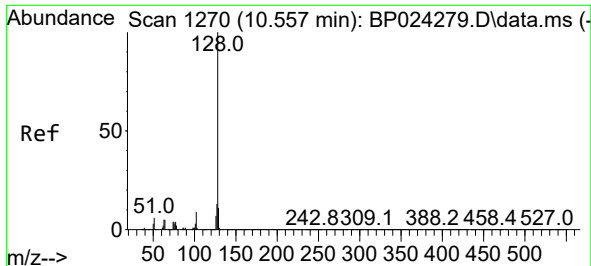


#30
1,2,4-Trichlorobenzene
Concen: 42.388 ng
RT: 10.351 min Scan# 1235
Delta R.T. -0.012 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30



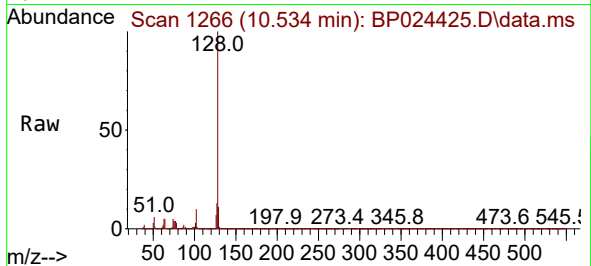
Tgt Ion:180 Resp: 492403
Ion Ratio Lower Upper
180 100
182 95.2 77.3 115.9
145 31.2 25.1 37.7





#31
Naphthalene
Concen: 39.298 ng
RT: 10.534 min Scan# 1266
Delta R.T. -0.012 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

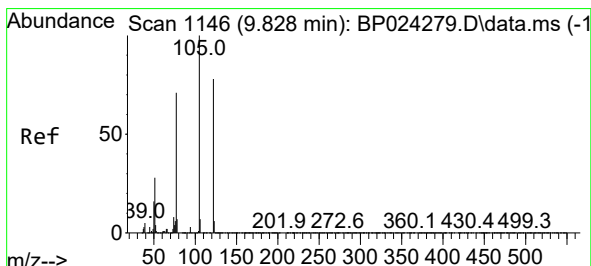
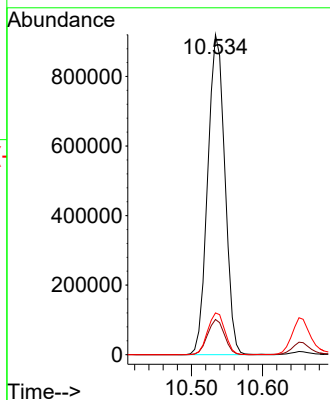
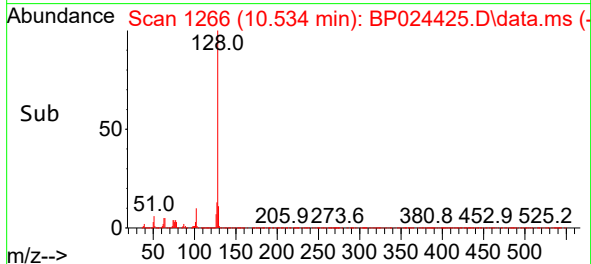
Instrument :
BNA_P
ClientSampleId :
VNJ211MS



Tgt Ion:128 Resp: 1544090
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.1 10.3 15.5

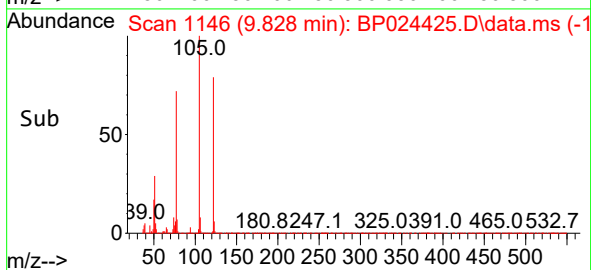
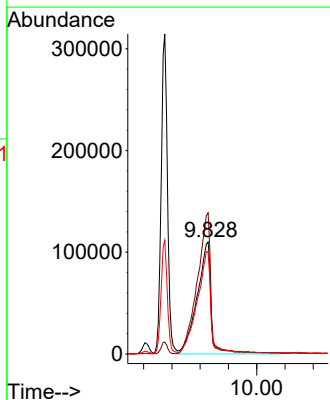
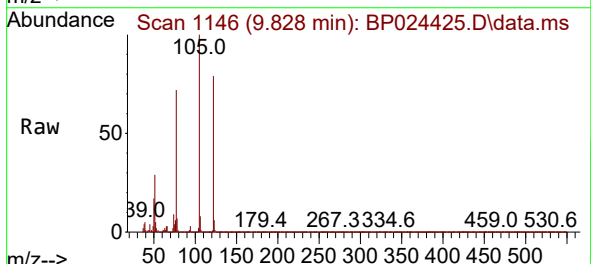
Manual Integrations
APPROVED

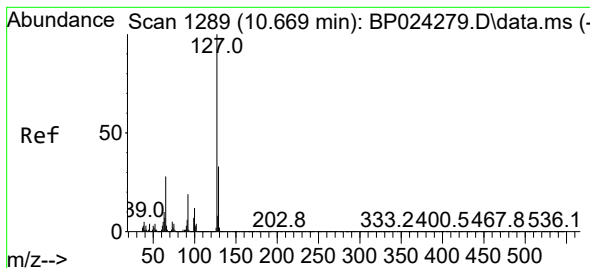
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#32
Benzoic acid
Concen: 41.365 ng m
RT: 9.828 min Scan# 1146
Delta R.T. 0.006 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

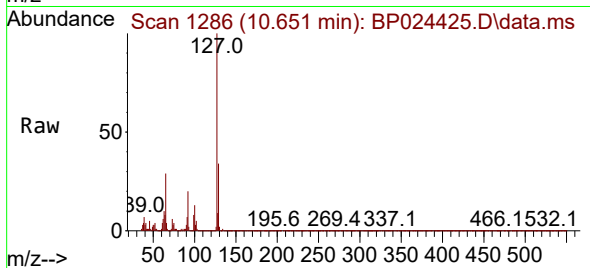
Tgt Ion:122 Resp: 383271
Ion Ratio Lower Upper
122 100
105 126.0 104.8 144.8
77 91.0 69.2 109.2





#33
4-Chloroaniline
Concen: 14.990 ng
RT: 10.651 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

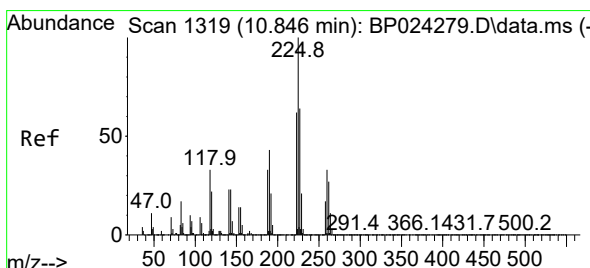
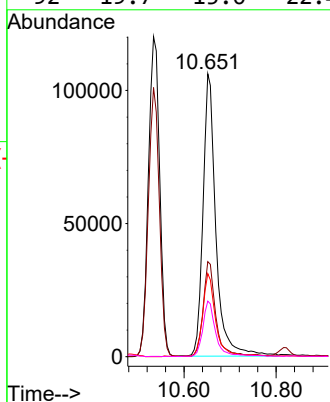
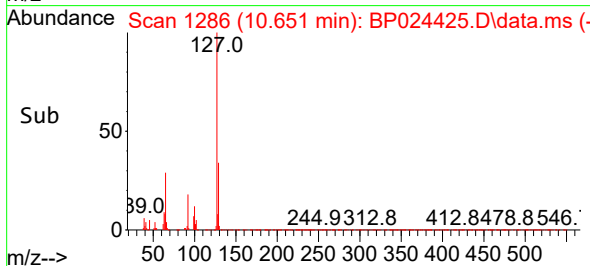
Instrument :
BNA_P
ClientSampleId :
VNJ211MS



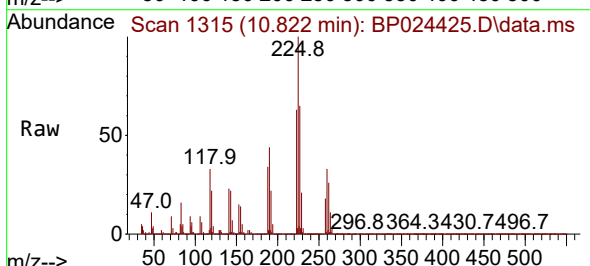
Tgt Ion:127 Resp: 207414
Ion Ratio Lower Upper
127 100
129 33.6 26.1 39.1
65 29.3 22.1 33.1
92 19.7 15.0 22.4

Manual Integrations
APPROVED

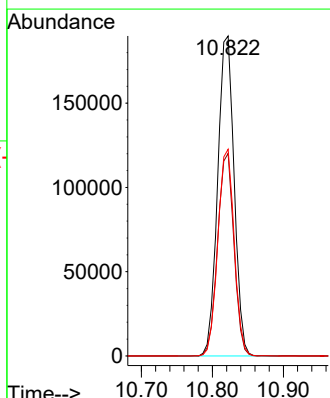
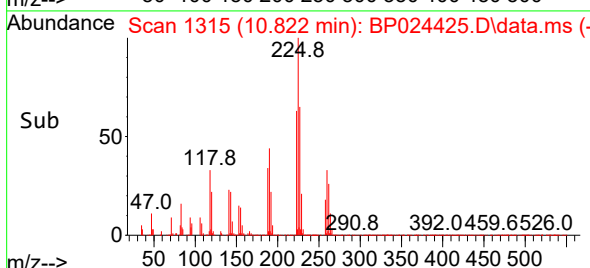
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025

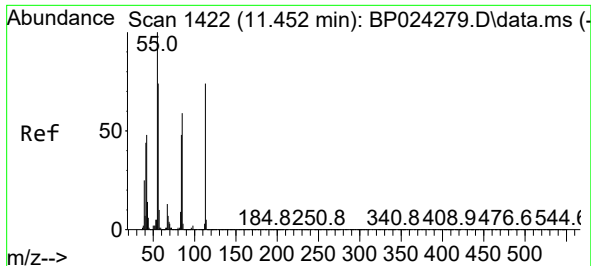


#34
Hexachlorobutadiene
Concen: 44.588 ng
RT: 10.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30



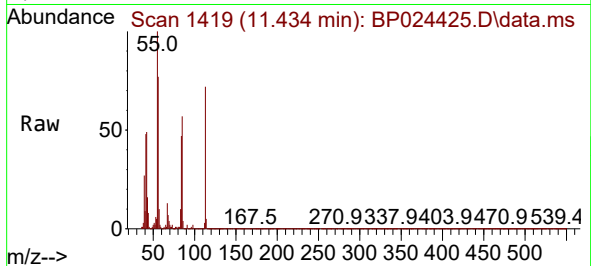
Tgt Ion:225 Resp: 304370
Ion Ratio Lower Upper
225 100
223 63.3 49.5 74.3
227 64.6 50.9 76.3





#35
Caprolactam
Concen: 41.539 ng
RT: 11.434 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

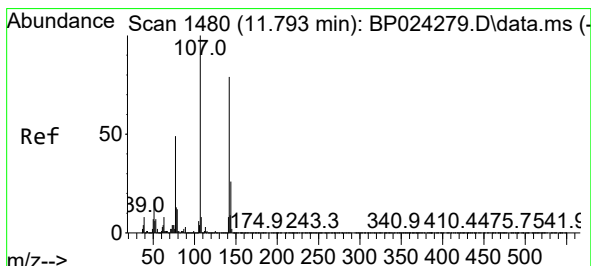
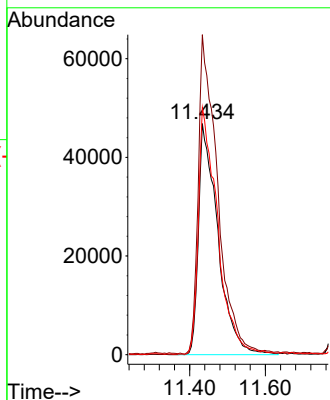
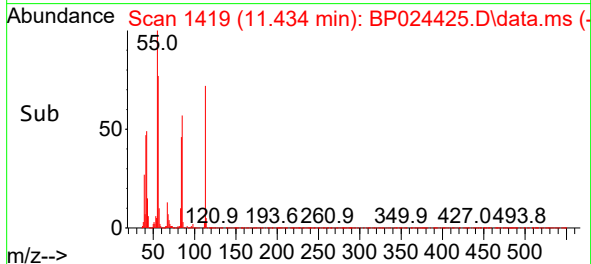
Instrument :
BNA_P
ClientSampleId :
VNJ211MS



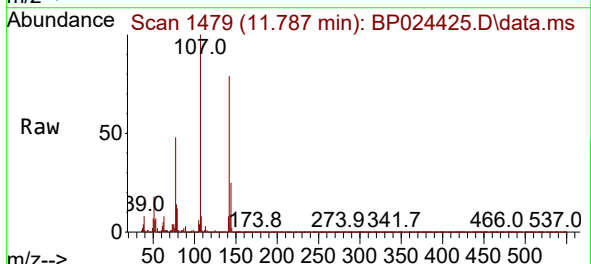
Tgt Ion:113 Resp: 166180
Ion Ratio Lower Upper
113 100
55 138.5 115.9 155.9
56 106.9 81.1 121.1

Manual Integrations
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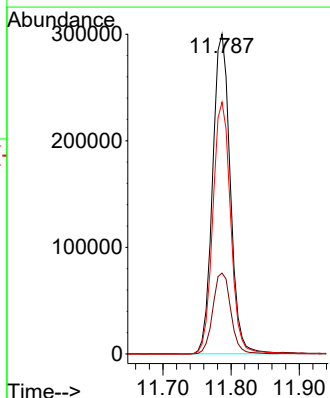
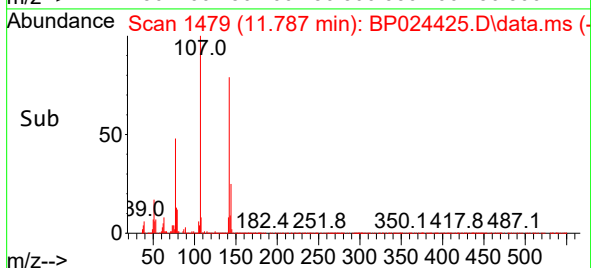
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025

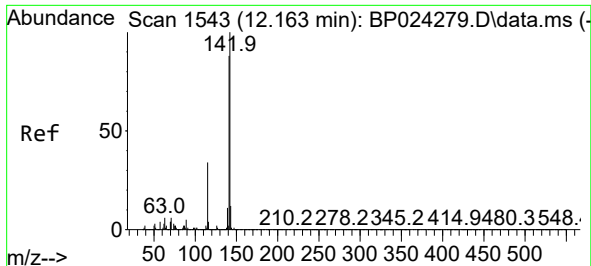


#36
4-Chloro-3-methylphenol
Concen: 42.789 ng
RT: 11.787 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30



Tgt Ion:107 Resp: 540366
Ion Ratio Lower Upper
107 100
144 25.2 20.5 30.7
142 78.7 63.4 95.2





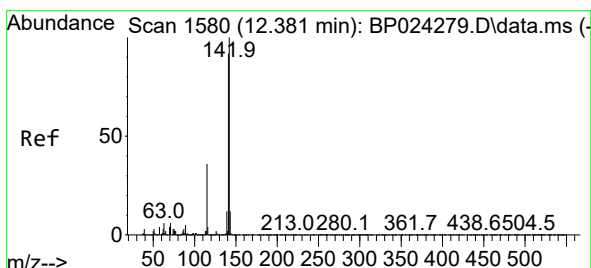
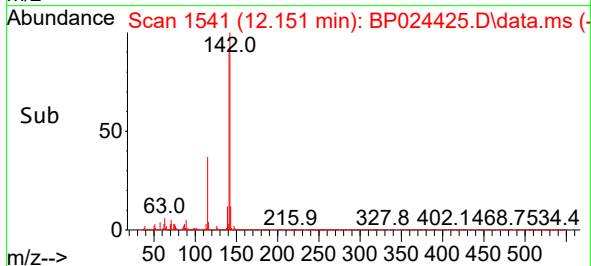
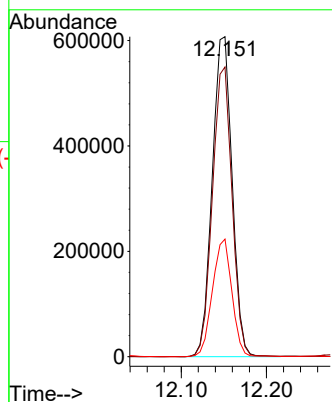
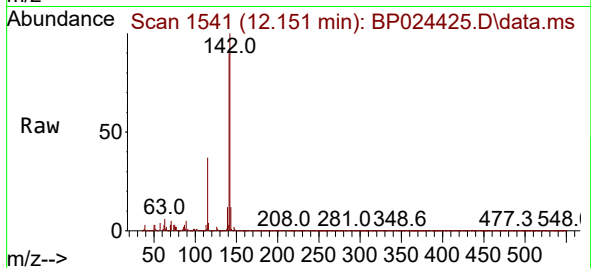
#37
2-Methylnaphthalene
Concen: 36.105 ng
RT: 12.151 min Scan# 1541
Delta R.T. -0.006 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

Instrument :
BNA_P
ClientSampleId :
VNJ211MS

Tgt Ion:142 Resp: 983860
Ion Ratio Lower Upper
142 100
141 90.6 70.3 105.5
115 36.7 26.9 40.3

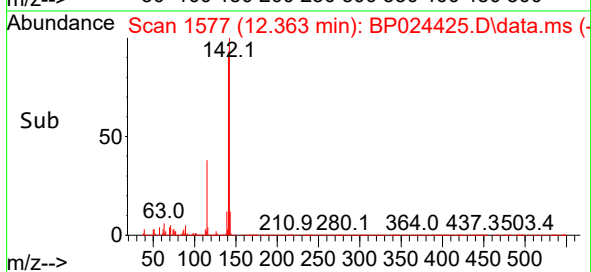
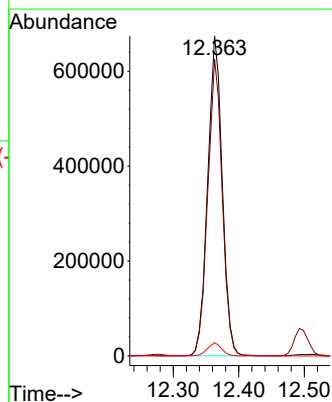
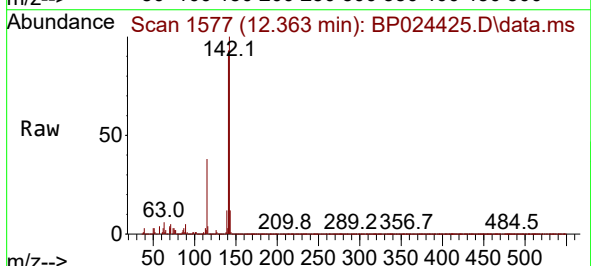
Manual Integrations
APPROVED

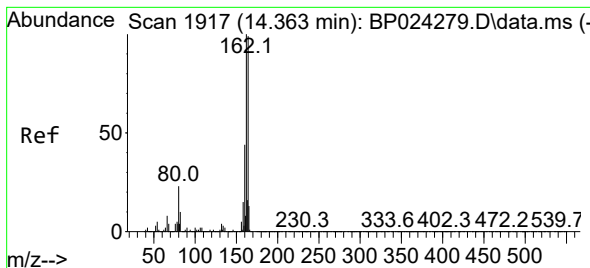
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#38
1-Methylnaphthalene
Concen: 39.125 ng
RT: 12.363 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

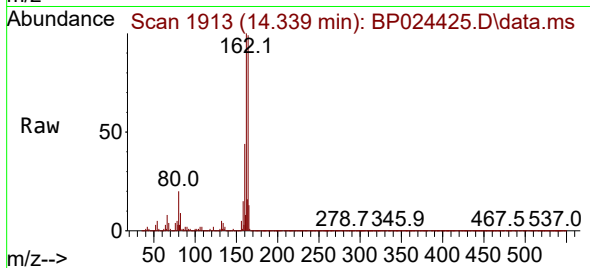
Tgt Ion:142 Resp: 1042995
Ion Ratio Lower Upper
142 100
141 92.7 73.6 110.4
116 4.1 3.0 4.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.339 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

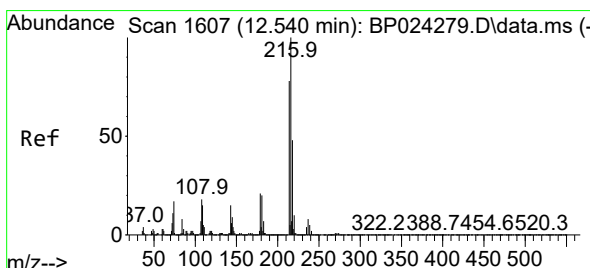
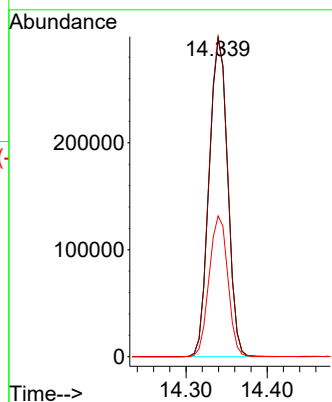
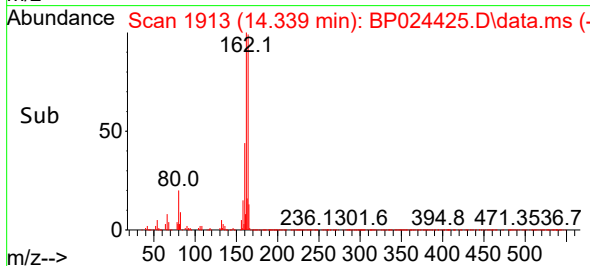
Instrument :
BNA_P
ClientSampleId :
VNJ211MS



Tgt Ion:164 Resp: 47139
Ion Ratio Lower Upper
164 100
162 100.6 80.6 120.8
160 44.3 35.3 52.9

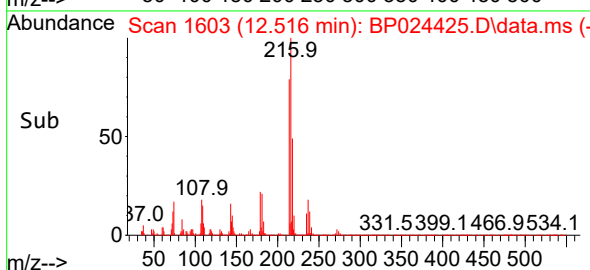
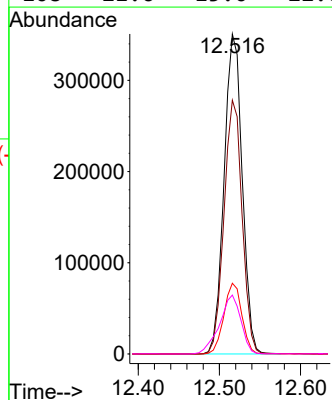
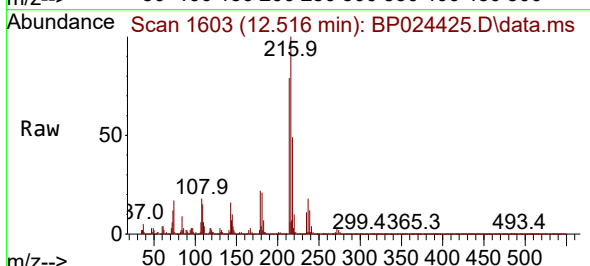
Manual Integrations
APPROVED

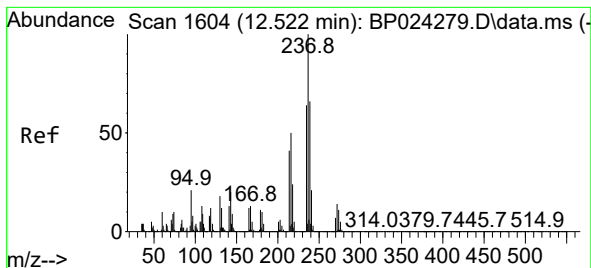
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.080 ng
RT: 12.516 min Scan# 1603
Delta R.T. -0.012 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

Tgt Ion:216 Resp: 545492
Ion Ratio Lower Upper
216 100
214 79.2 62.6 93.8
179 21.9 17.2 25.8
108 21.6 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 155.182 ng

RT: 12.493 min Scan# 11

Delta R.T. -0.018 min

Lab File: BP024425.D

Acq: 25 Apr 2025 16:30

Instrument :

BNA_P

ClientSampleId :

VNJ211MS

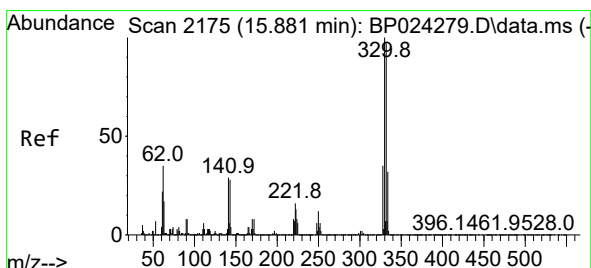
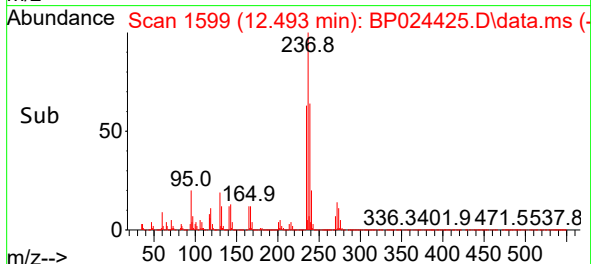
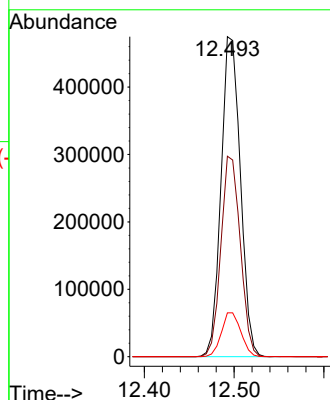
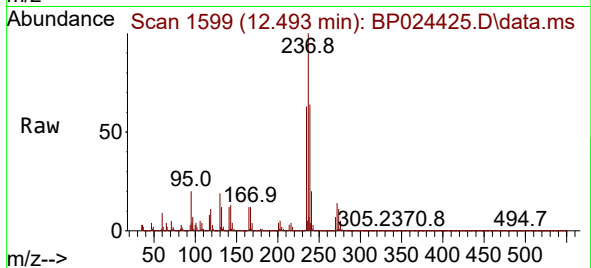
Tgt Ion:237	Resp: 711474
Ion Ratio	Lower Upper
237 100	
235 62.7	43.9 83.9
272 13.7	0.0 33.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/28/2025

Supervised By :Jagrut Upadhyay 04/28/2025



#42

2,4,6-Tribromophenol

Concen: 125.999 ng

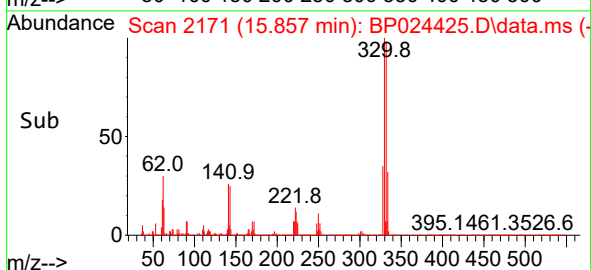
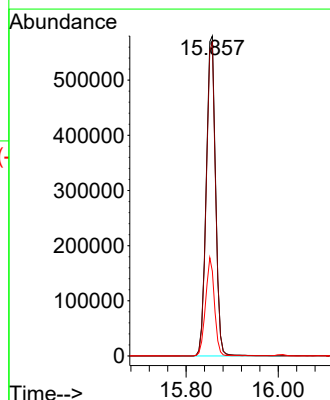
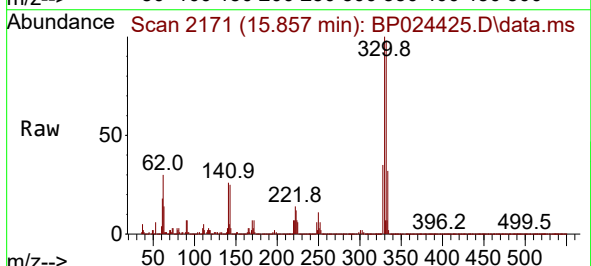
RT: 15.857 min Scan# 2171

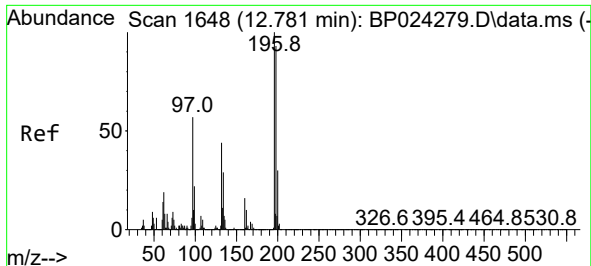
Delta R.T. -0.006 min

Lab File: BP024425.D

Acq: 25 Apr 2025 16:30

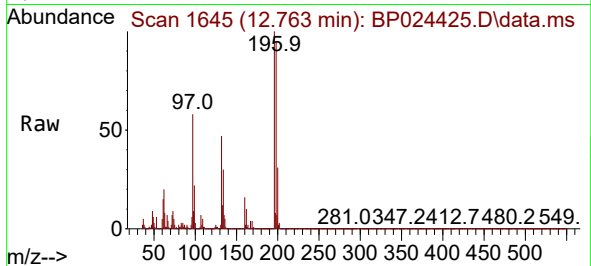
Tgt Ion:330	Resp: 821760
Ion Ratio	Lower Upper
330 100	
332 97.4	77.1 115.7
141 29.5	24.7 37.1





#43
2,4,6-Trichlorophenol
Concen: 44.908 ng
RT: 12.763 min Scan# 1658
Delta R.T. -0.012 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

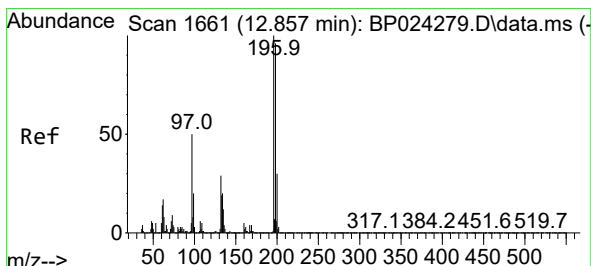
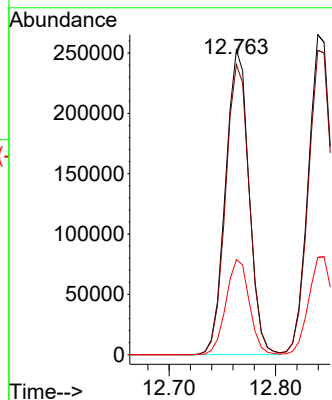
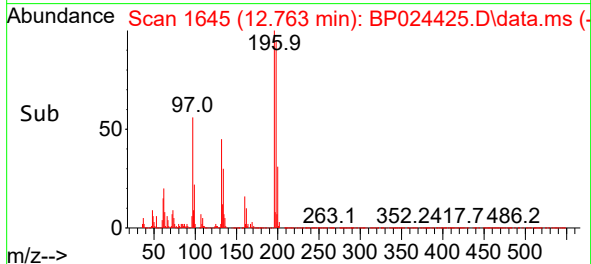
Instrument :
BNA_P
ClientSampleId :
VNJ211MS



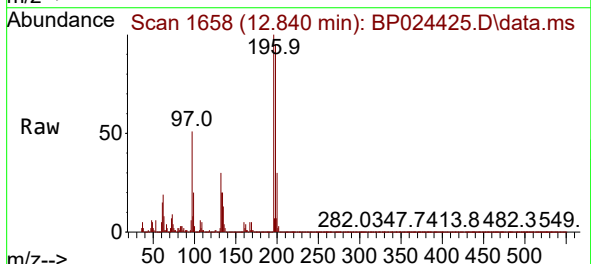
Tgt Ion:196 Resp: 387049
Ion Ratio Lower Upper
196 100
198 95.2 74.3 111.5
200 31.2 24.0 36.0

Manual Integrations
APPROVED

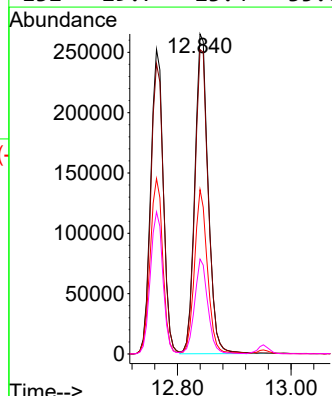
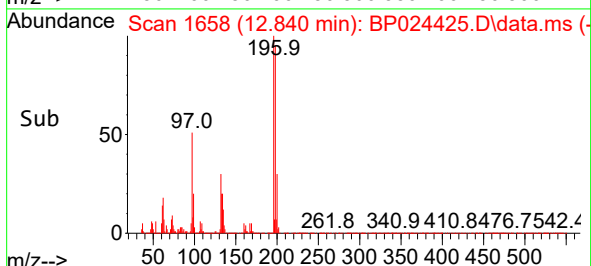
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025

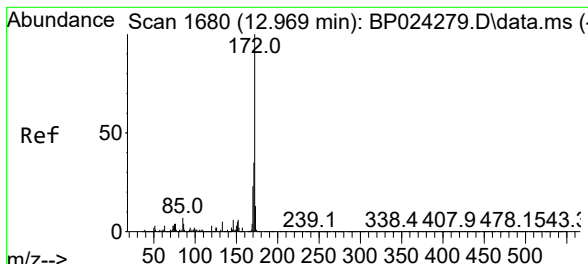


#44
2,4,5-Trichlorophenol
Concen: 45.534 ng
RT: 12.840 min Scan# 1658
Delta R.T. -0.018 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30



Tgt Ion:196 Resp: 434581
Ion Ratio Lower Upper
196 100
198 95.1 77.3 115.9
97 51.4 40.4 60.6
132 29.7 23.4 35.0





#45
 2-Fluorobiphenyl
 Concen: 67.471 ng
 RT: 12.951 min Scan# 1677
 Delta R.T. -0.012 min
 Lab File: BP024425.D
 Acq: 25 Apr 2025 16:30

Instrument :

BNA_P

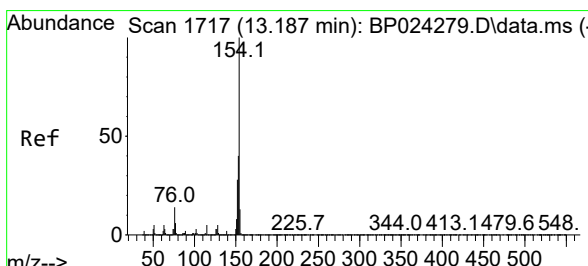
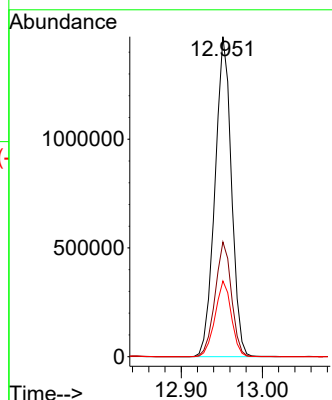
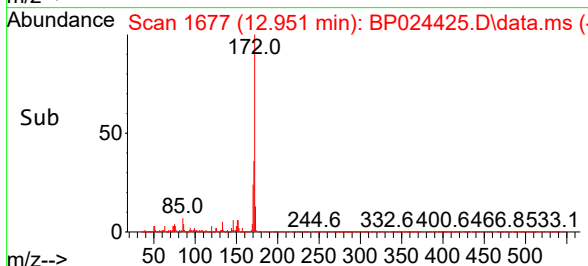
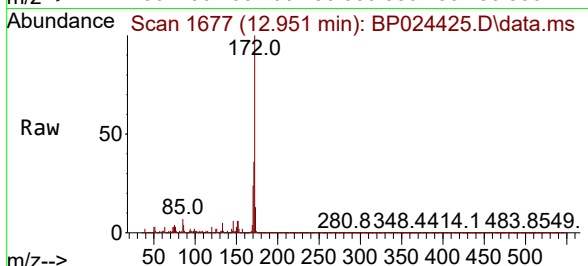
ClientSampleId :

VNJ211MS

Tgt Ion:172 Resp: 207726
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.2 42.2
 170 23.6 18.6 27.8

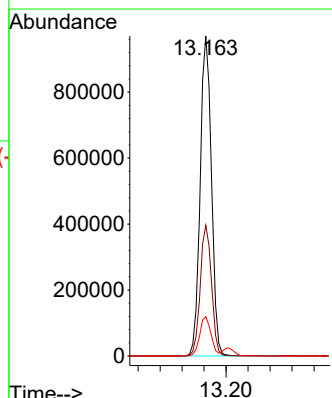
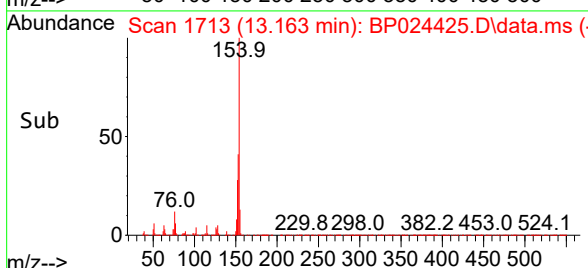
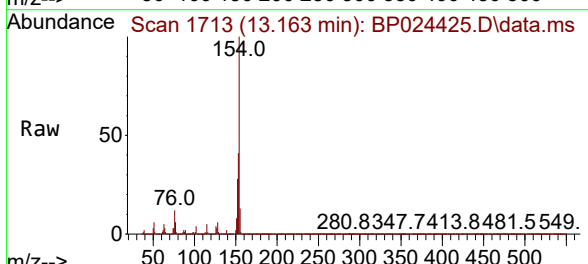
Manual Integrations
 APPROVED

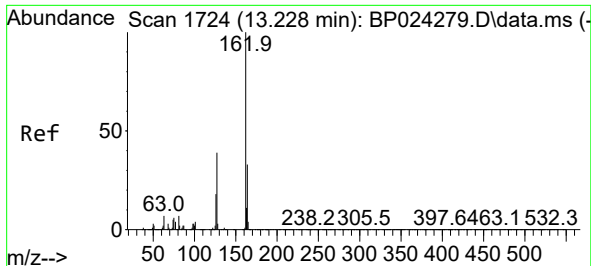
Reviewed By :Rahul Chavli 04/28/2025
 Supervised By :Jagrut Upadhyay 04/28/2025



#46
 1,1'-Biphenyl
 Concen: 39.864 ng
 RT: 13.163 min Scan# 1713
 Delta R.T. -0.012 min
 Lab File: BP024425.D
 Acq: 25 Apr 2025 16:30

Tgt Ion:154 Resp: 1381260
 Ion Ratio Lower Upper
 154 100
 153 40.9 20.3 60.3
 76 12.3 0.0 33.5





#47

2-Chloronaphthalene

Concen: 41.440 ng

RT: 13.204 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP024425.D

Acq: 25 Apr 2025 16:30

Instrument :

BNA_P

ClientSampleId :

VNJ211MS

Tgt Ion:162 Resp: 1073150

Ion Ratio Lower Upper

162 100

127 41.6 31.9 47.9

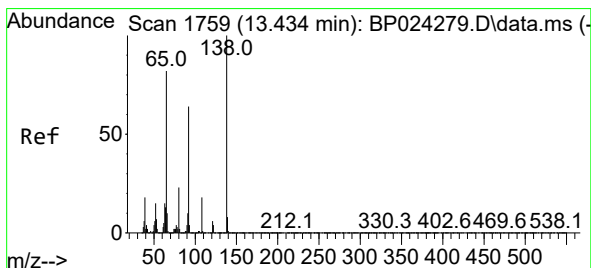
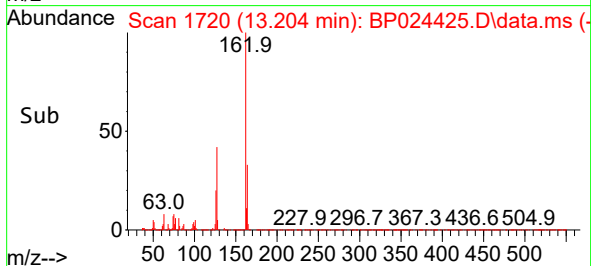
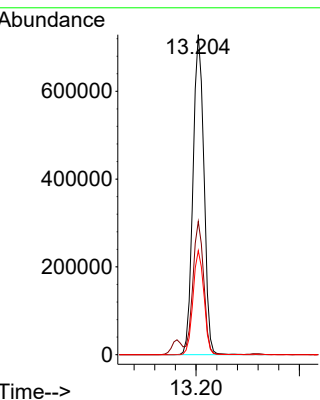
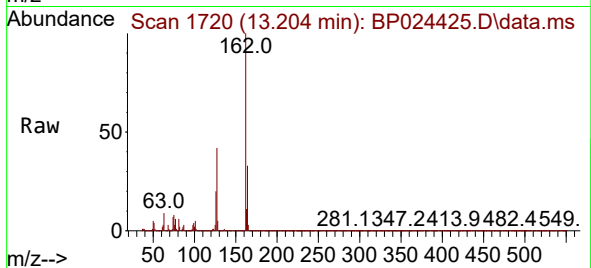
164 32.5 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/28/2025

Supervised By :Jagrut Upadhyay 04/28/2025



#48

2-Nitroaniline

Concen: 44.207 ng

RT: 13.416 min Scan# 1756

Delta R.T. -0.006 min

Lab File: BP024425.D

Acq: 25 Apr 2025 16:30

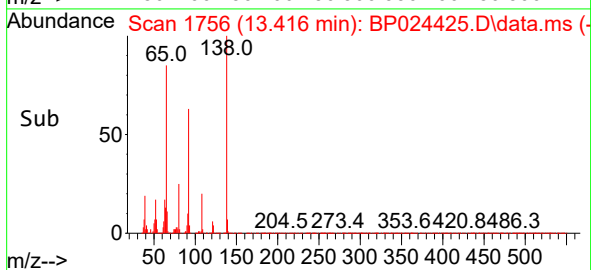
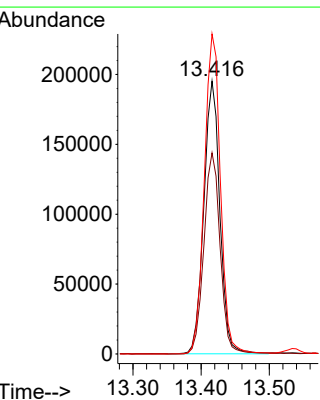
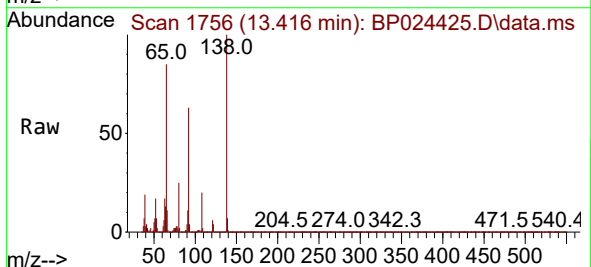
Tgt Ion: 65 Resp: 321123

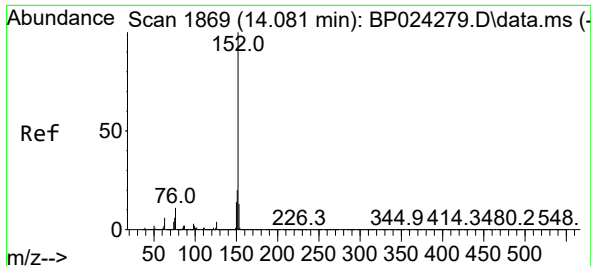
Ion Ratio Lower Upper

65 100

92 73.7 62.3 93.5

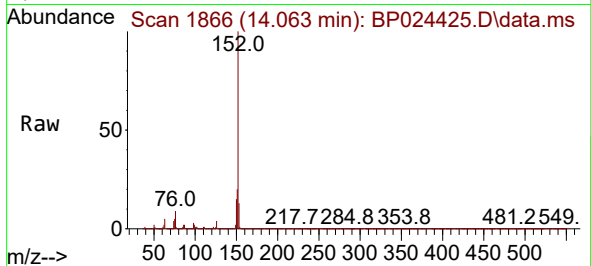
138 117.3 97.2 145.8





#49
Acenaphthylene
Concen: 43.943 ng
RT: 14.063 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

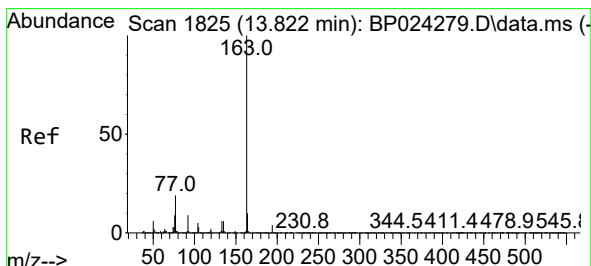
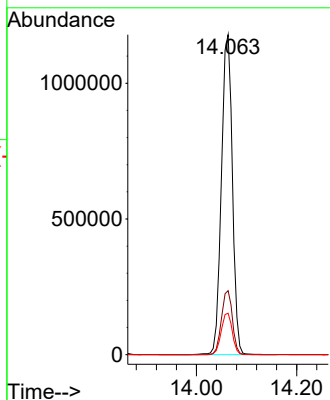
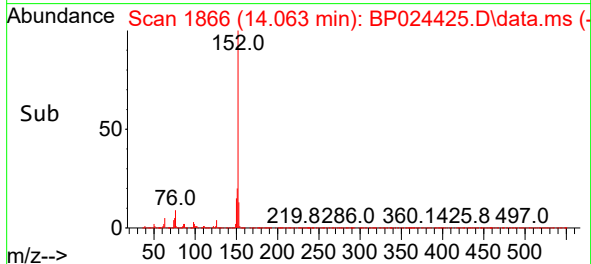
Instrument :
BNA_P
ClientSampleId :
VNJ211MS



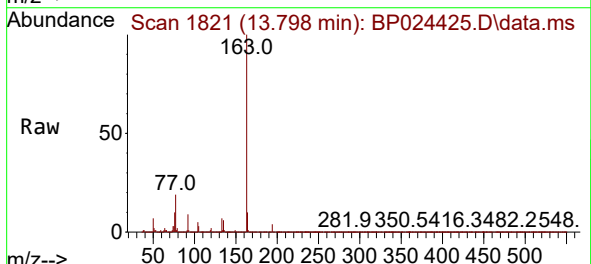
Tgt Ion:152 Resp: 1791658
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 12.9 10.6 15.8

Manual Integrations
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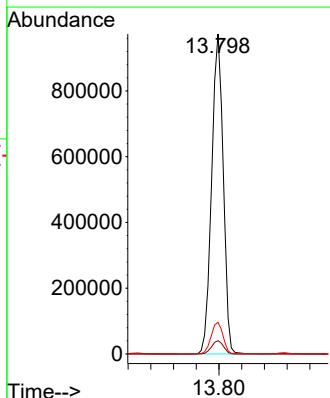
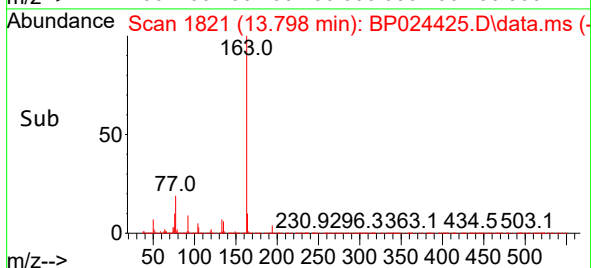
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025

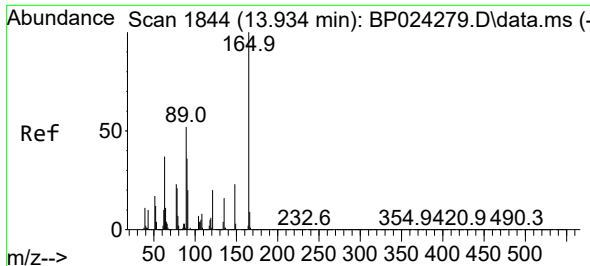


#50
Dimethylphthalate
Concen: 40.003 ng
RT: 13.798 min Scan# 1821
Delta R.T. -0.012 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30



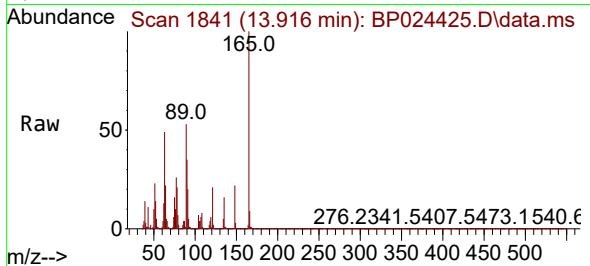
Tgt Ion:163 Resp: 1371319
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 9.9 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 41.627 ng
RT: 13.916 min Scan# 1841
Delta R.T. -0.012 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

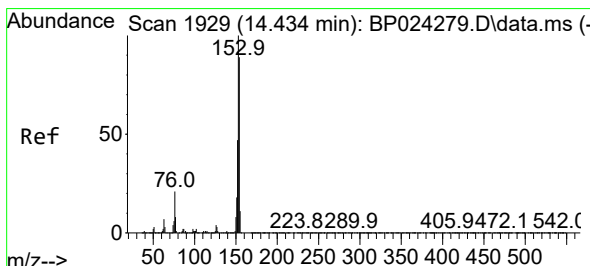
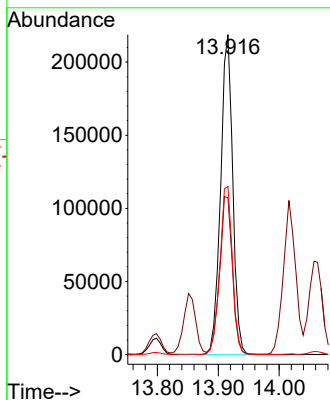
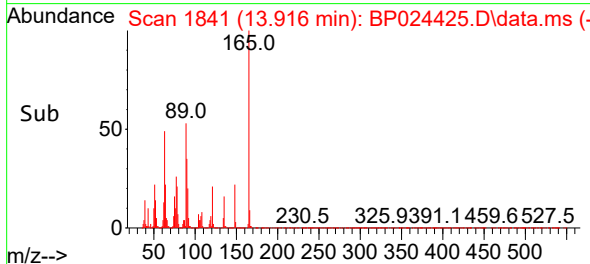
Instrument :
BNA_P
ClientSampleId :
VNJ211MS



Tgt Ion:165 Resp: 303019
Ion Ratio Lower Upper
165 100
63 49.0 38.0 57.0
89 52.6 41.7 62.5

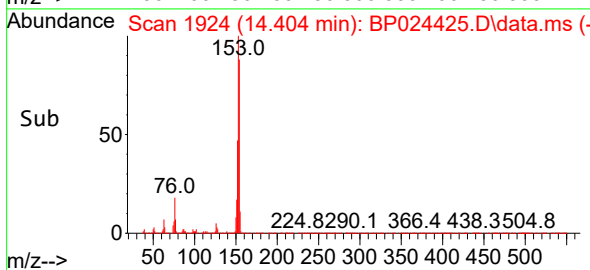
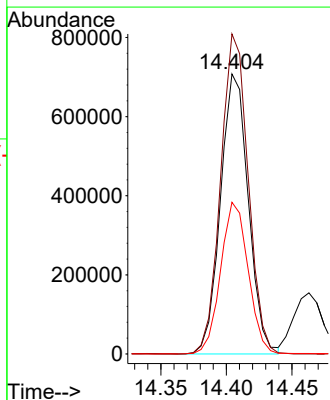
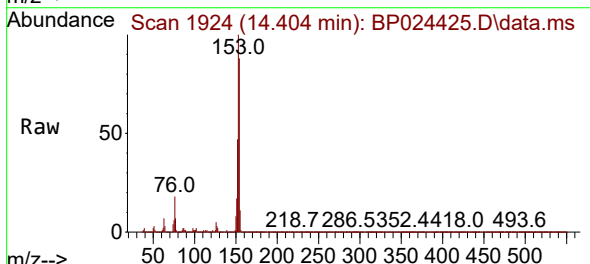
Manual Integrations
APPROVED

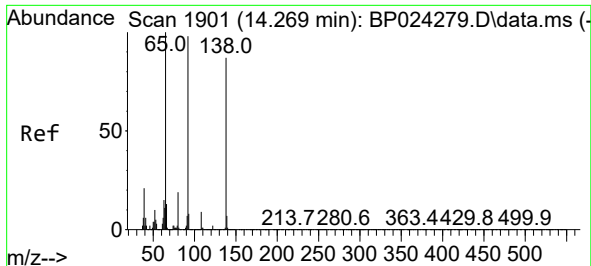
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#52
Acenaphthene
Concen: 40.435 ng
RT: 14.404 min Scan# 1924
Delta R.T. -0.018 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

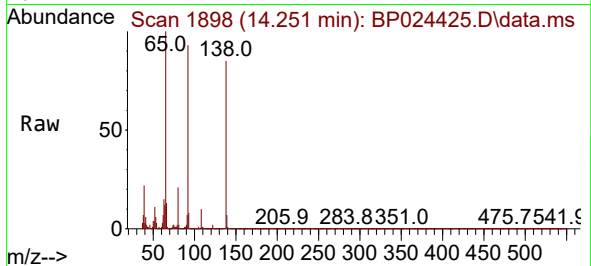
Tgt Ion:154 Resp: 1045186
Ion Ratio Lower Upper
154 100
153 114.3 89.8 134.6
152 54.2 42.6 63.8





#53
3-Nitroaniline
Concen: 29.704 ng
RT: 14.251 min Scan# 1898
Delta R.T. -0.012 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

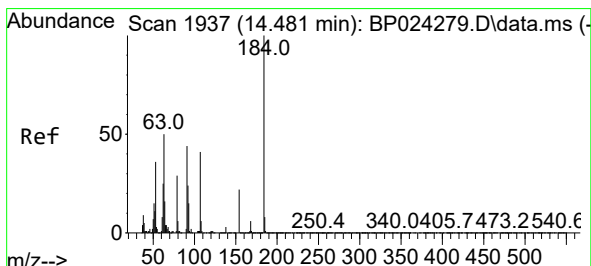
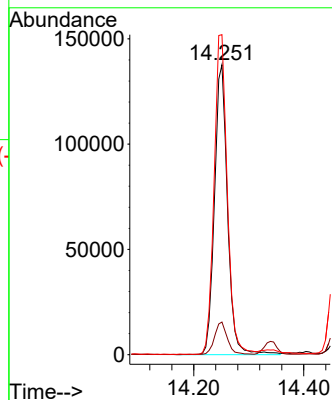
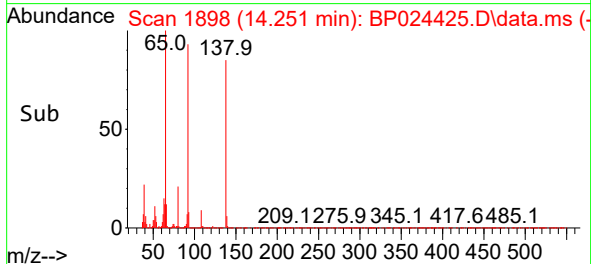
Instrument :
BNA_P
ClientSampleId :
VNJ211MS



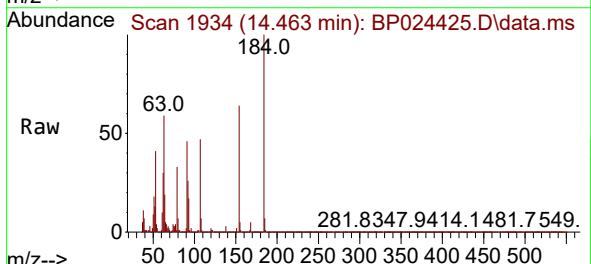
Tgt Ion:138 Resp: 227260
Ion Ratio Lower Upper
138 100
108 11.3 8.3 12.5
92 110.4 89.8 134.8

Manual Integrations
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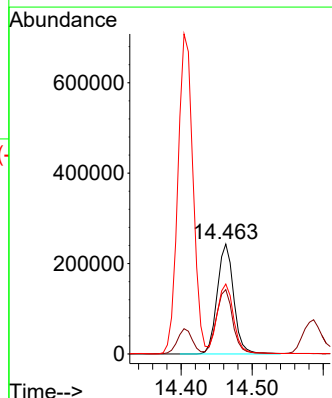
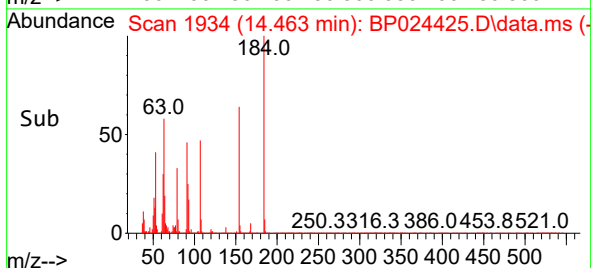
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025

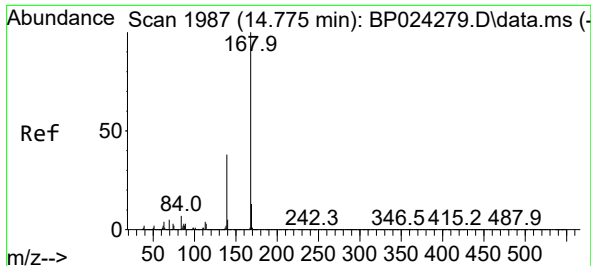


#54
2,4-Dinitrophenol
Concen: 91.115 ng
RT: 14.463 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30



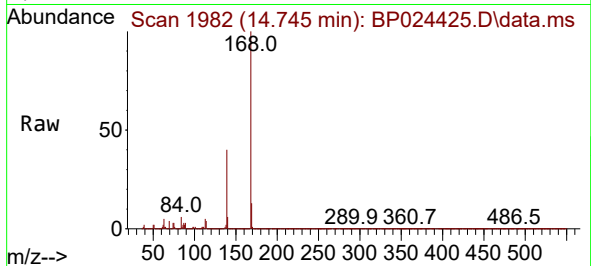
Tgt Ion:184 Resp: 390691
Ion Ratio Lower Upper
184 100
63 58.6 42.6 64.0
154 63.7 47.2 70.8





#55
Dibenzenofuran
Concen: 38.794 ng
RT: 14.745 min Scan# 1982
Delta R.T. -0.012 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

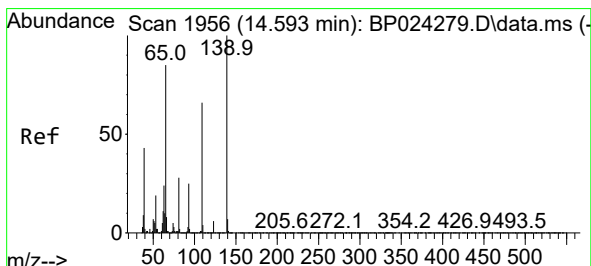
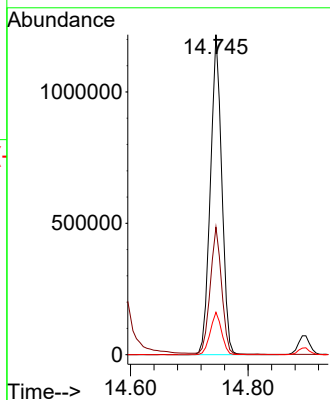
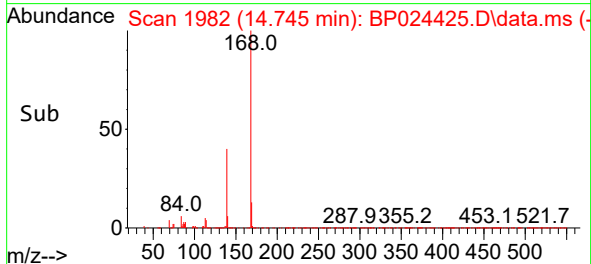
Instrument :
BNA_P
ClientSampleId :
VNJ211MS



Tgt Ion:168 Resp: 1639098
Ion Ratio Lower Upper
168 100
139 39.8 30.3 45.5
169 13.3 10.6 16.0

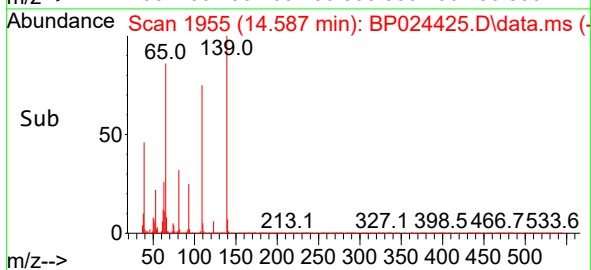
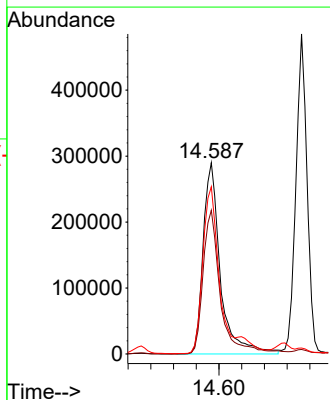
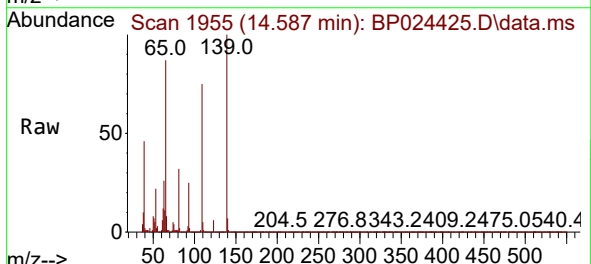
Manual Integrations
APPROVED

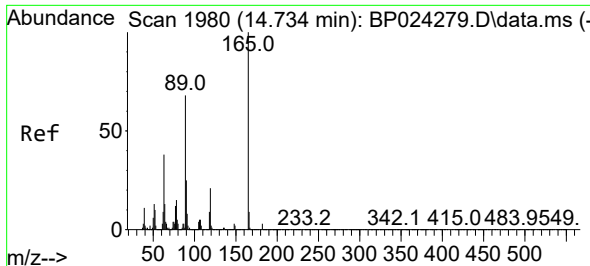
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#56
4-Nitrophenol
Concen: 92.254 ng
RT: 14.587 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

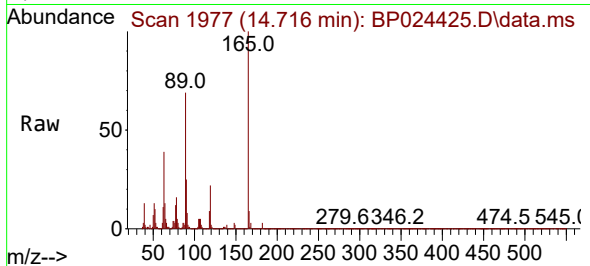
Tgt Ion:139 Resp: 609575
Ion Ratio Lower Upper
139 100
109 75.1 46.1 86.1
65 87.4 65.0 105.0





#57
2,4-Dinitrotoluene
Concen: 44.697 ng
RT: 14.716 min Scan# 1980
Delta R.T. -0.006 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

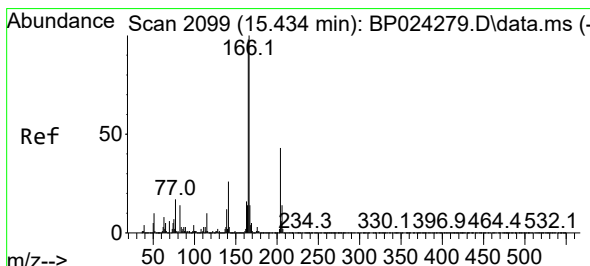
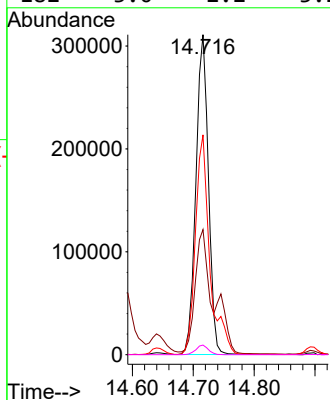
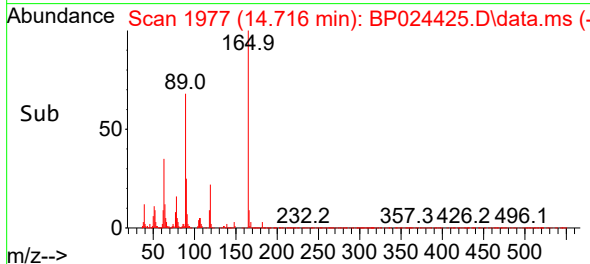
Instrument :
BNA_P
ClientSampleId :
VNJ211MS



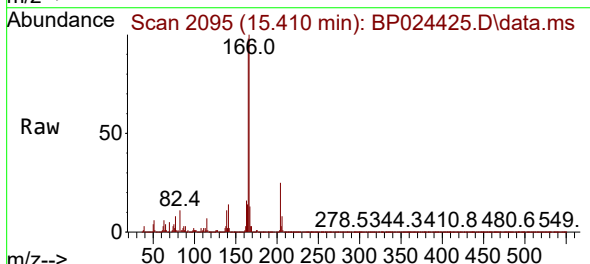
Tgt Ion:165 Resp: 443835
Ion Ratio Lower Upper
165 100
63 39.1 30.4 45.6
89 68.7 54.6 82.0
182 3.0 2.2 3.2

Manual Integrations
APPROVED

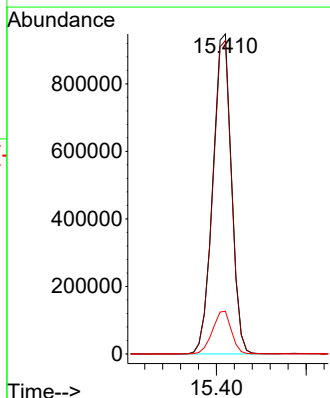
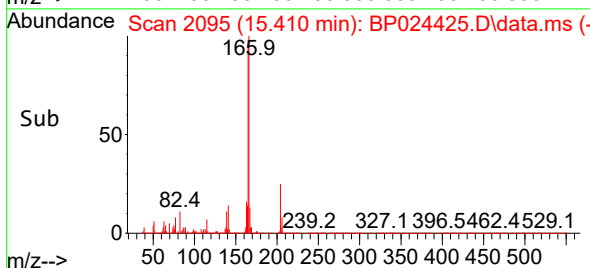
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025

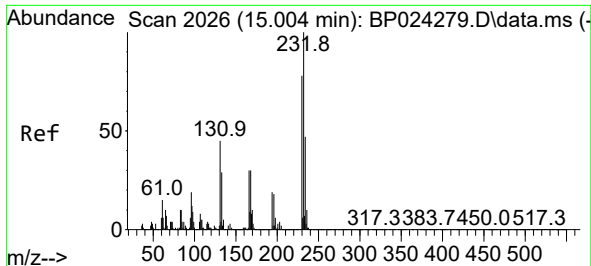


#58
Fluorene
Concen: 41.743 ng
RT: 15.410 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30



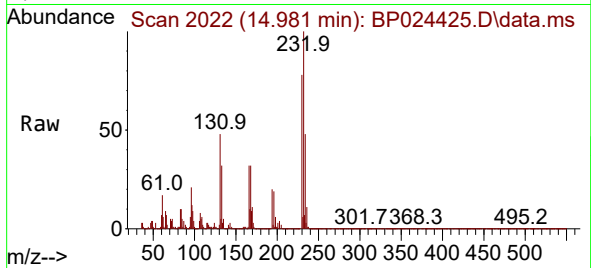
Tgt Ion:166 Resp: 1365337
Ion Ratio Lower Upper
166 100
165 98.0 78.1 117.1
167 13.3 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.284 ng
RT: 14.981 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

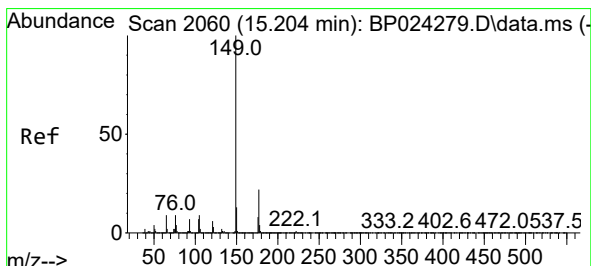
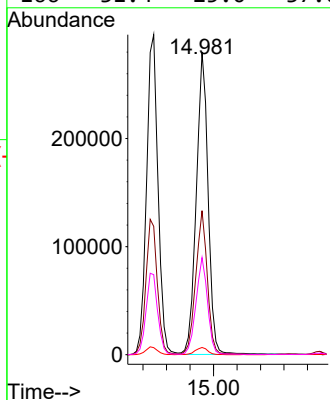
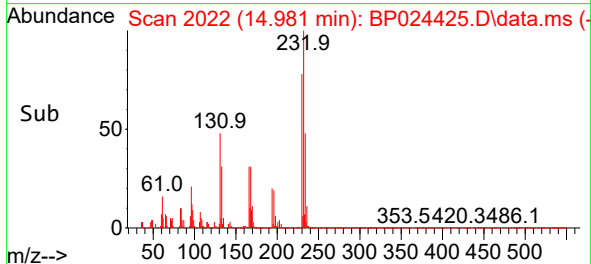
Instrument :
BNA_P
ClientSampleId :
VNJ211MS



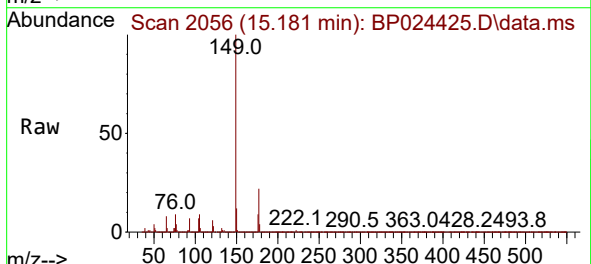
Tgt Ion:232 Resp: 389819
Ion Ratio Lower Upper
232 100
131 46.8 36.8 55.2
130 2.5 1.9 2.9
166 31.4 25.0 37.6

Manual Integrations
APPROVED

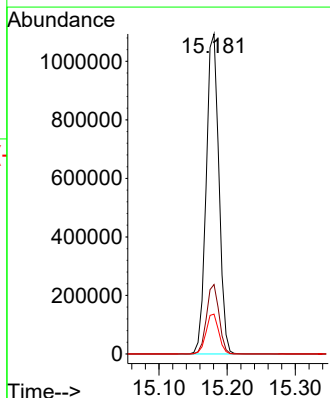
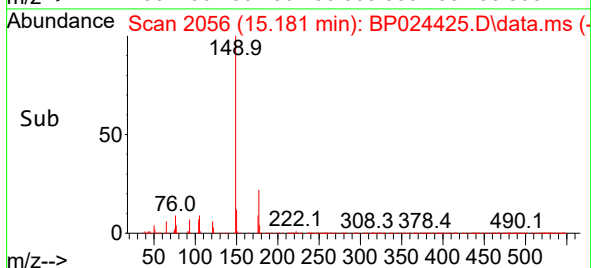
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025

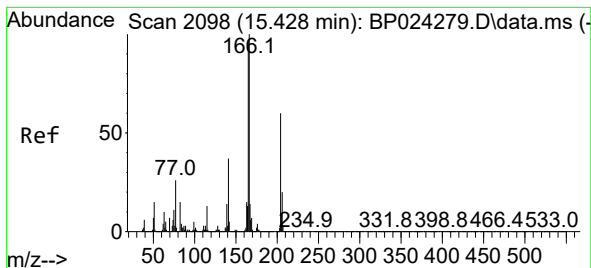


#60
Diethylphthalate
Concen: 40.069 ng
RT: 15.181 min Scan# 2056
Delta R.T. -0.012 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30



Tgt Ion:149 Resp: 1415500
Ion Ratio Lower Upper
149 100
177 21.7 17.4 26.2
150 12.5 10.1 15.1





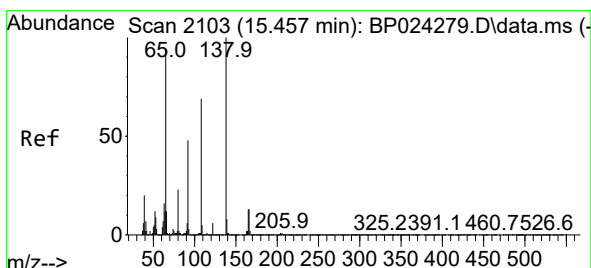
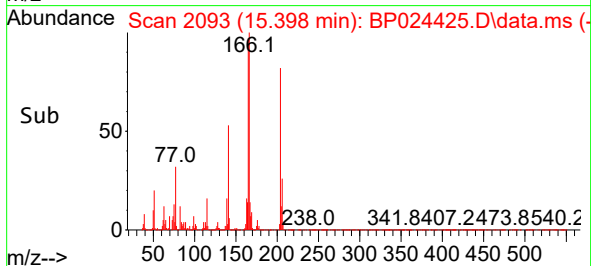
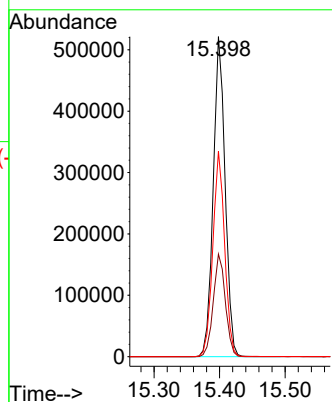
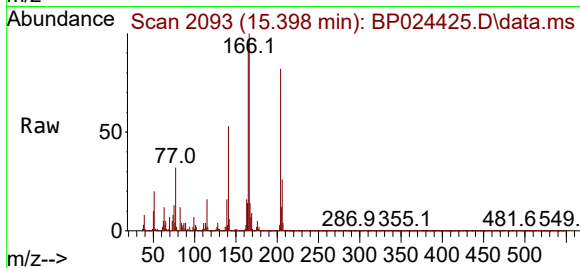
#61
4-Chlorophenyl-phenylether
Concen: 41.337 ng
RT: 15.398 min Scan# 2093
Delta R.T. -0.012 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

Instrument :
BNA_P
ClientSampleId :
VNJ211MS

Tgt Ion:204 Resp: 65655
Ion Ratio Lower Upper
204 100
206 32.1 26.5 39.7
141 64.2 49.4 74.0

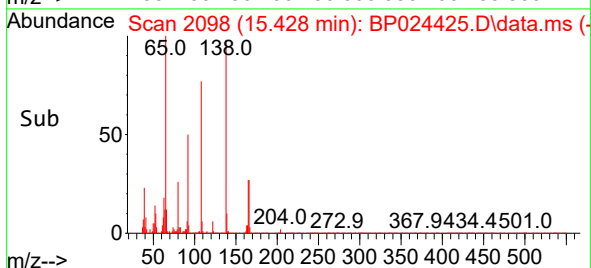
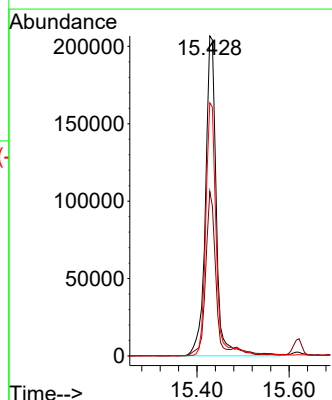
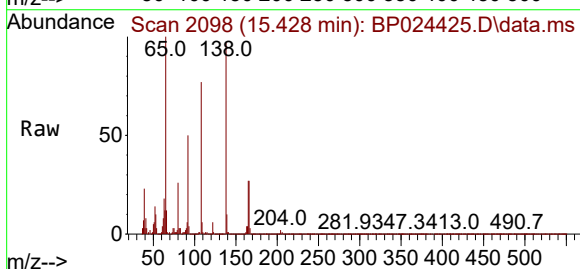
Manual Integrations
APPROVED

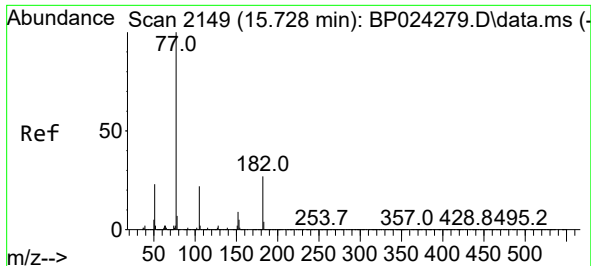
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#62
4-Nitroaniline
Concen: 42.333 ng
RT: 15.428 min Scan# 2098
Delta R.T. -0.012 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

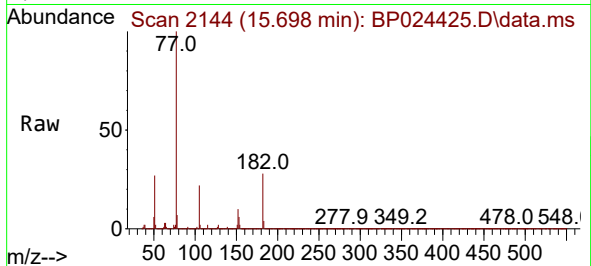
Tgt Ion:138 Resp: 342866
Ion Ratio Lower Upper
138 100
92 51.4 27.8 67.8
108 79.1 48.9 88.9





#63
Azobenzene
Concen: 42.233 ng
RT: 15.698 min Scan# 2149
Delta R.T. -0.012 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

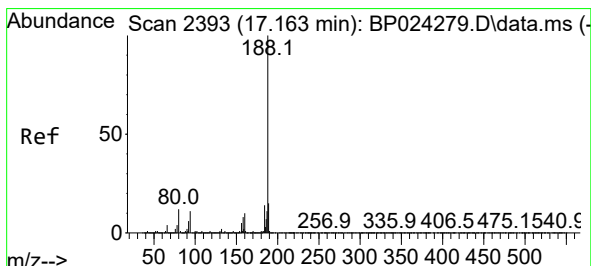
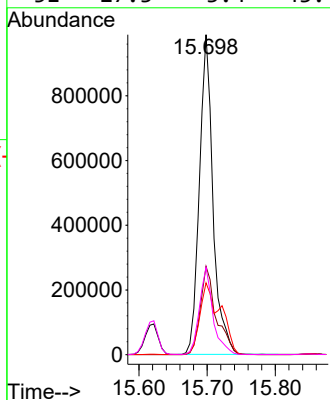
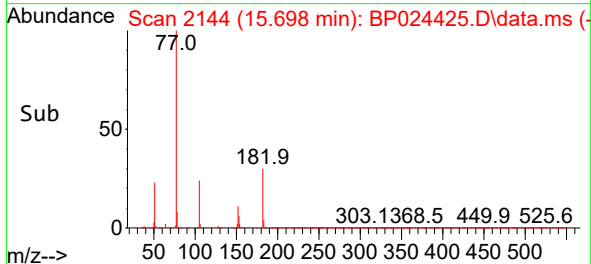
Instrument :
BNA_P
ClientSampleId :
VNJ211MS



Tgt Ion: 77 Resp: 137127
Ion Ratio Lower Upper
77 100
182 27.6 7.3 47.3
105 22.5 2.3 42.3
51 27.3 3.4 43.4

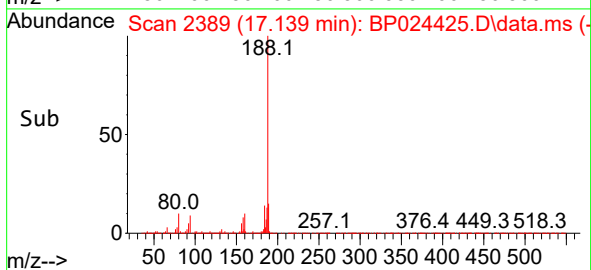
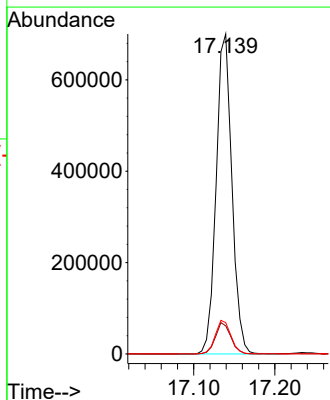
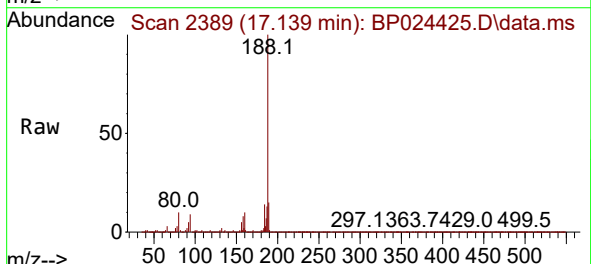
Manual Integrations
APPROVED

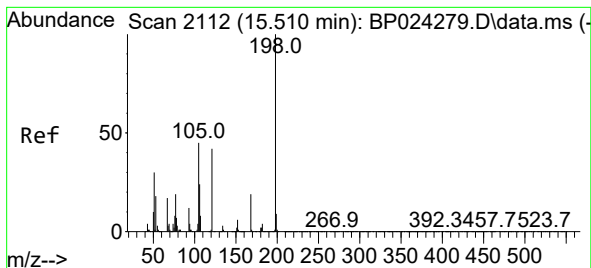
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2389
Delta R.T. -0.006 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

Tgt Ion:188 Resp: 944632
Ion Ratio Lower Upper
188 100
94 8.8 8.6 13.0
80 9.8 9.8 14.6





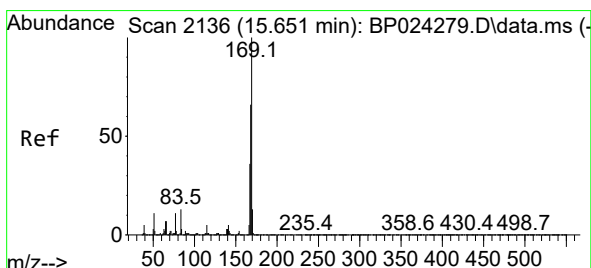
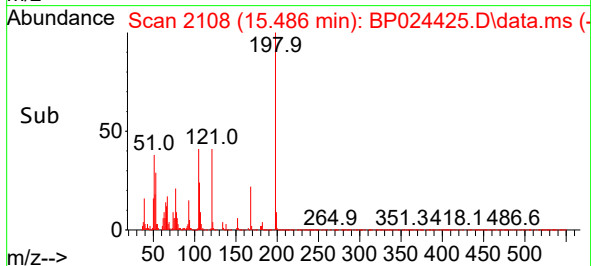
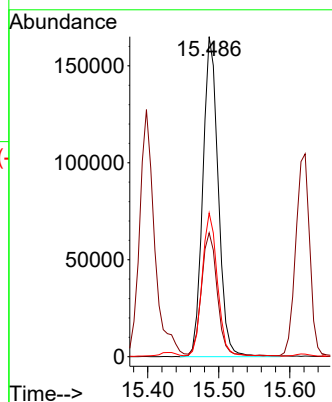
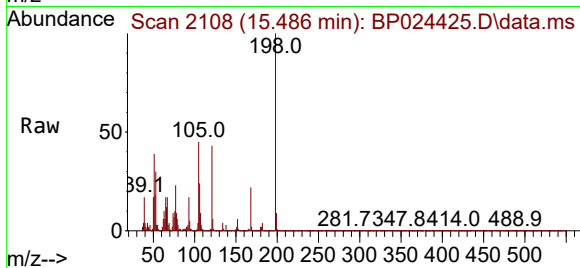
#65
4,6-Dinitro-2-methylphenol
Concen: 41.855 ng
RT: 15.486 min Scan# 2112
Delta R.T. -0.012 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

Instrument :
BNA_P
ClientSampleId :
VNJ211MS

Tgt Ion:198 Resp: 249268
Ion Ratio Lower Upper
198 100
51 38.7 18.4 58.4
105 44.9 26.5 66.5

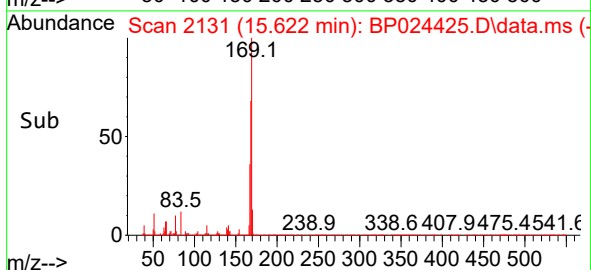
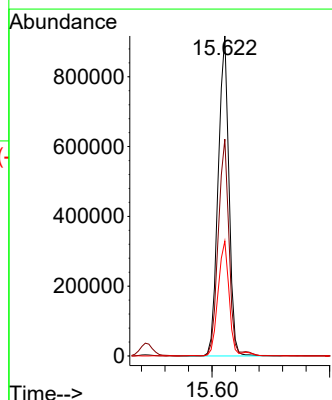
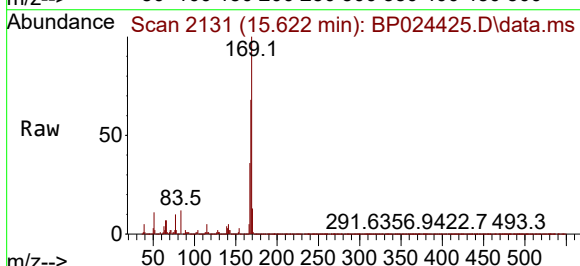
Manual Integrations
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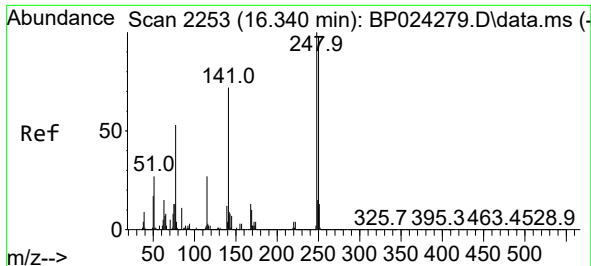
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#66
n-Nitrosodiphenylamine
Concen: 41.253 ng
RT: 15.622 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

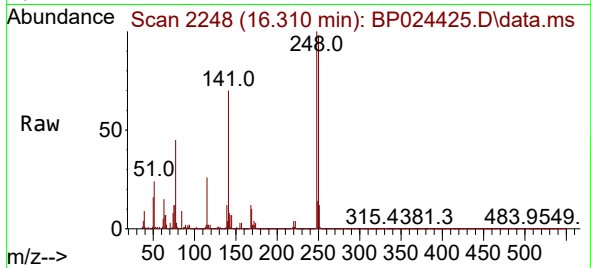
Tgt Ion:169 Resp: 1163144
Ion Ratio Lower Upper
169 100
168 67.7 53.0 79.4
167 35.9 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 42.958 ng
RT: 16.310 min Scan# 211
Delta R.T. -0.012 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

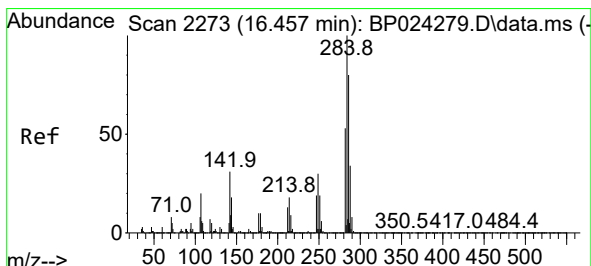
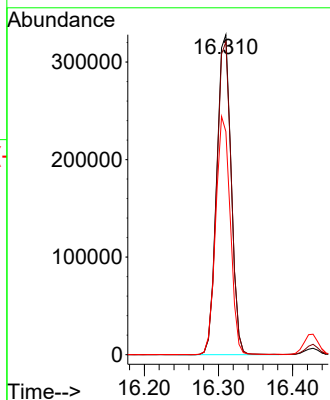
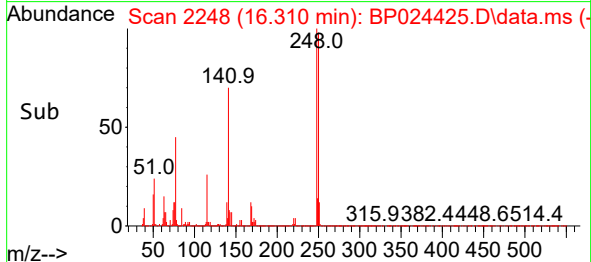
Instrument :
BNA_P
ClientSampleId :
VNJ211MS



Tgt Ion:248 Resp: 44380
Ion Ratio Lower Upper
248 100
250 97.8 78.2 117.4
141 69.7 57.7 86.5

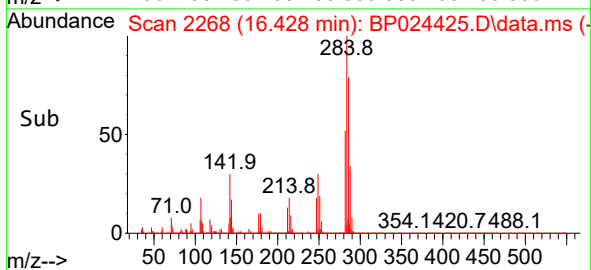
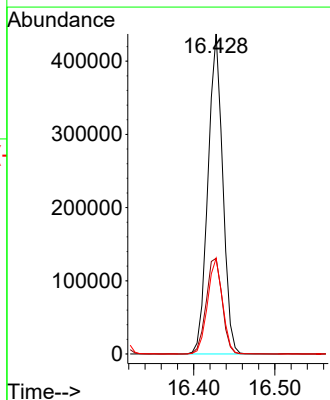
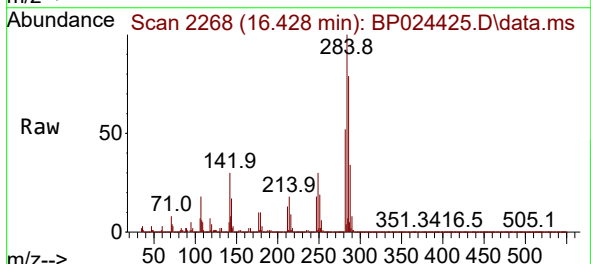
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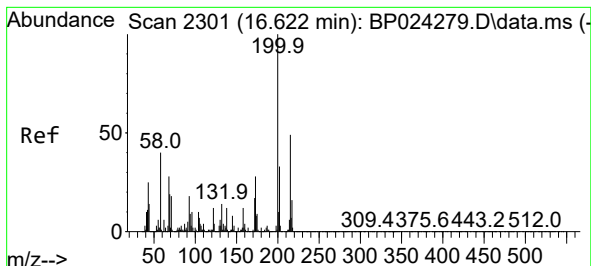
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#68
Hexachlorobenzene
Concen: 44.952 ng
RT: 16.428 min Scan# 2268
Delta R.T. -0.012 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

Tgt Ion:284 Resp: 551853
Ion Ratio Lower Upper
284 100
142 29.9 24.6 37.0
249 29.9 23.8 35.6





#69

Atrazine

Concen: 60.913 ng

RT: 16.592 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP024425.D

Acq: 25 Apr 2025 16:30

Instrument :

BNA_P

ClientSampleId :

VNJ211MS

Tgt Ion:200 Resp: 43741

Ion Ratio Lower Upper

200 100

173 26.9 7.5 47.5

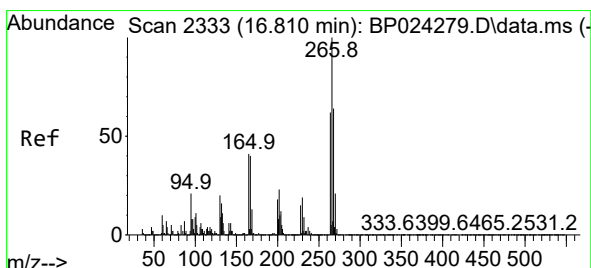
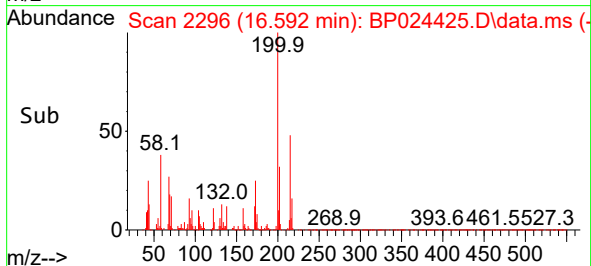
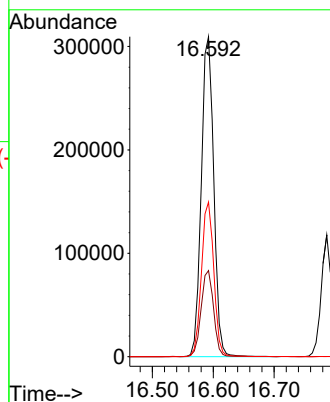
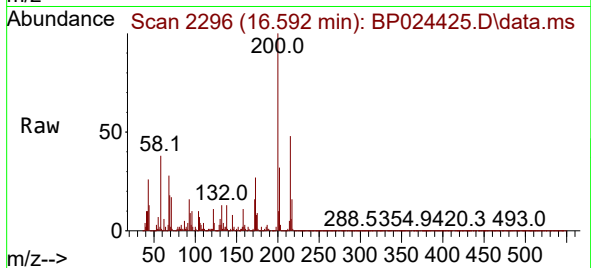
215 48.3 28.8 68.8

Manual Integrations

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Reviewed By :Rahul Chavli 04/28/2025

Supervised By :Jagrut Upadhyay 04/28/2025



#70

Pentachlorophenol

Concen: 91.970 ng

RT: 16.786 min Scan# 2329

Delta R.T. -0.012 min

Lab File: BP024425.D

Acq: 25 Apr 2025 16:30

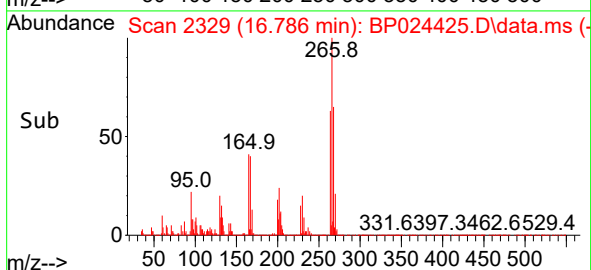
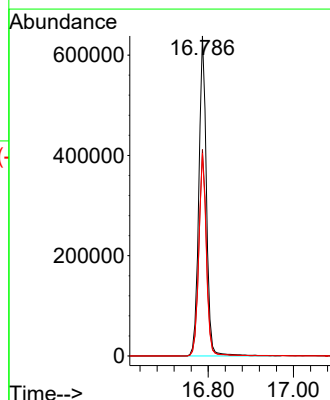
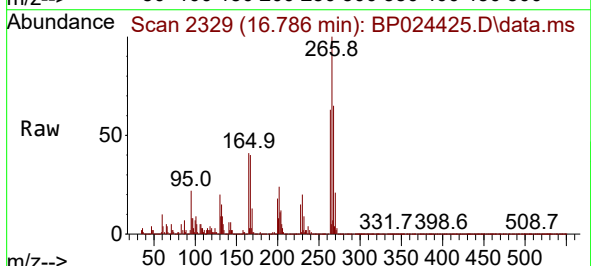
Tgt Ion:266 Resp: 787664

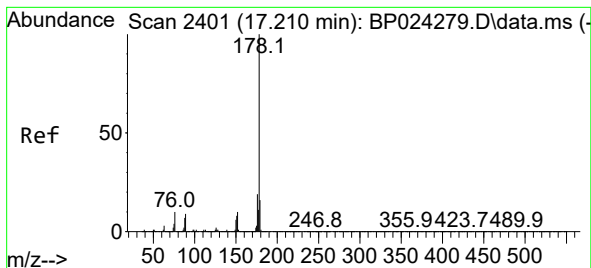
Ion Ratio Lower Upper

266 100

268 64.5 51.0 76.6

264 63.4 49.8 74.6





#71

Phenanthrene

Concen: 44.980 ng

RT: 17.180 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024425.D

Acq: 25 Apr 2025 16:30

Instrument :

BNA_P

ClientSampleId :

VNJ211MS

Tgt Ion:178 Resp: 2317924

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

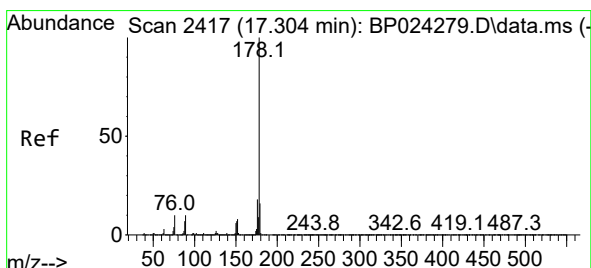
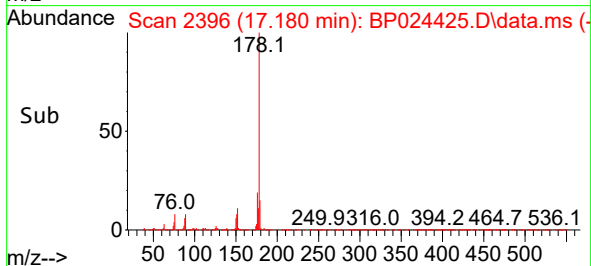
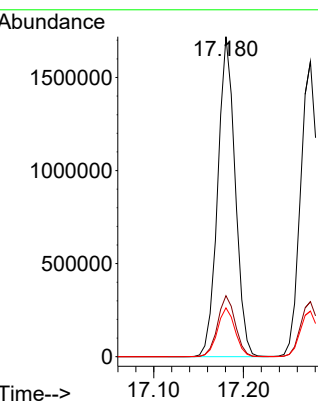
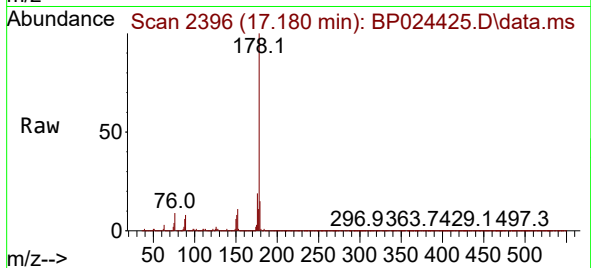
179 15.3 12.5 18.7

Manual Integrations

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Reviewed By :Rahul Chavli 04/28/2025

Supervised By :Jagrut Upadhyay 04/28/2025



#72

Anthracene

Concen: 44.690 ng

RT: 17.275 min Scan# 2412

Delta R.T. -0.012 min

Lab File: BP024425.D

Acq: 25 Apr 2025 16:30

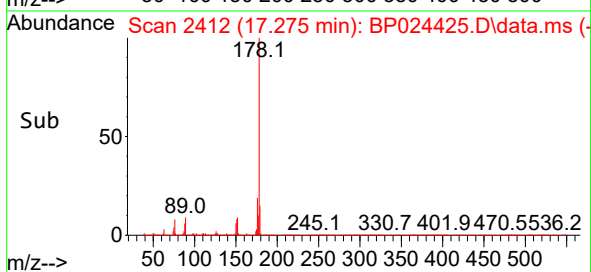
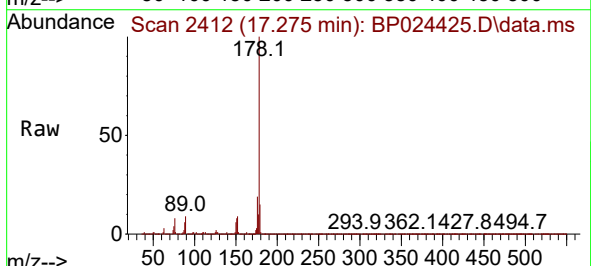
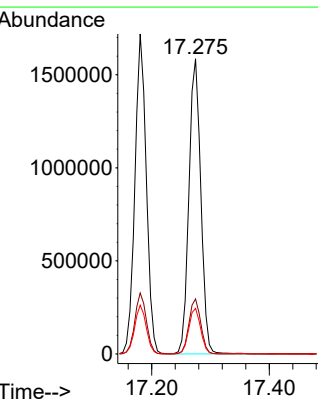
Tgt Ion:178 Resp: 2219616

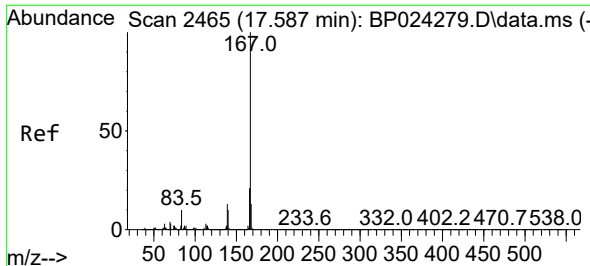
Ion Ratio Lower Upper

178 100

176 18.7 14.7 22.1

179 15.4 12.4 18.6





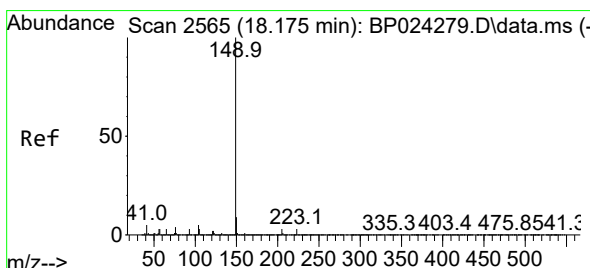
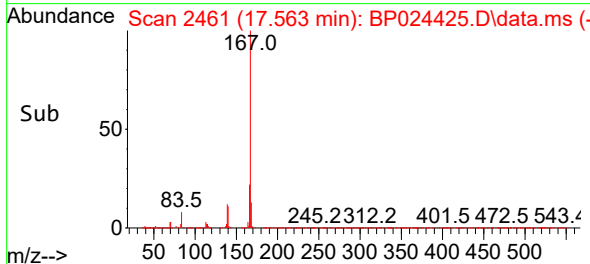
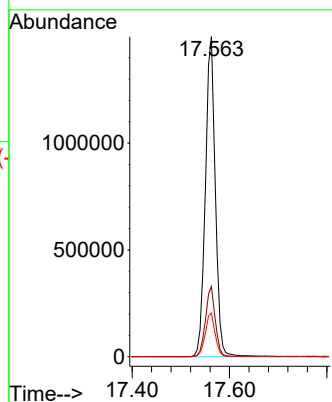
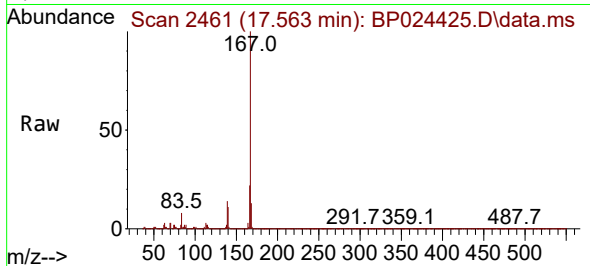
#73
 Carbazole
 Concen: 43.605 ng
 RT: 17.563 min Scan# 2461
 Delta R.T. -0.006 min
 Lab File: BP024425.D
 Acq: 25 Apr 2025 16:30

Instrument :
 BNA_P
 ClientSampleId :
 VNJ211MS

Tgt Ion:167 Resp: 211609
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.1 25.7
 139 13.6 10.6 16.0

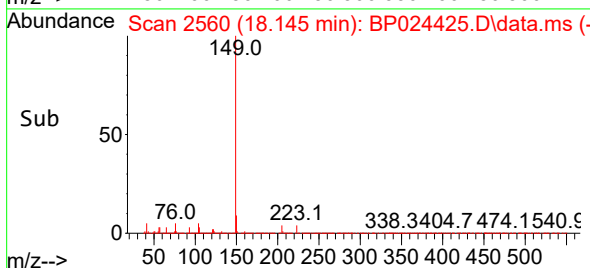
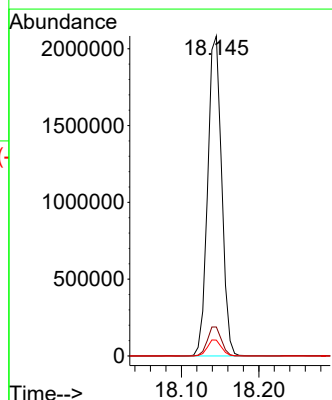
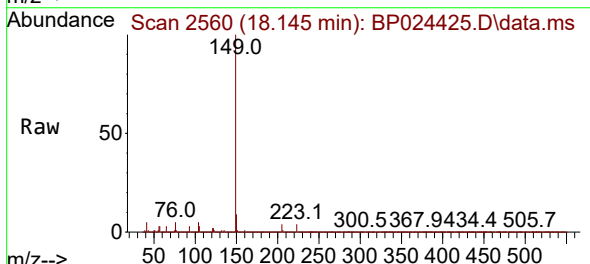
Manual Integrations
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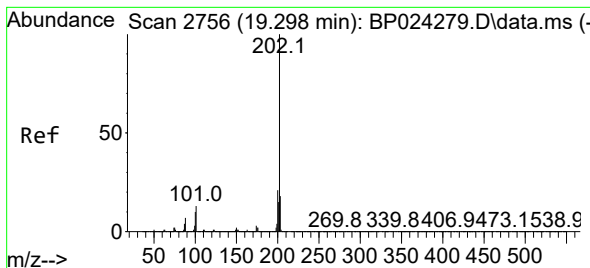
Reviewed By :Rahul Chavli 04/28/2025
 Supervised By :Jagrut Upadhyay 04/28/2025



#74
 Di-n-butylphthalate
 Concen: 42.899 ng
 RT: 18.145 min Scan# 2560
 Delta R.T. -0.012 min
 Lab File: BP024425.D
 Acq: 25 Apr 2025 16:30

Tgt Ion:149 Resp: 2593640
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 5.0 3.9 5.9





#75

Fluoranthene

Concen: 47.284 ng

RT: 19.269 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024425.D

Acq: 25 Apr 2025 16:30

Instrument :

BNA_P

ClientSampleId :

VNJ211MS

Tgt Ion:202 Resp: 2897962

Ion Ratio Lower Upper

202 100

101 11.4 0.0 33.2

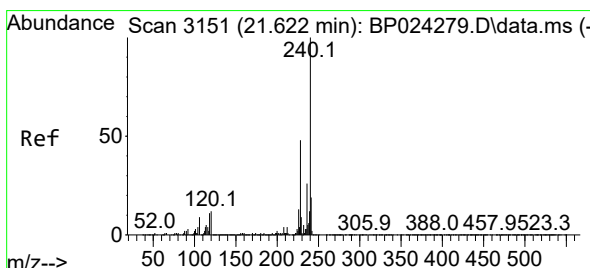
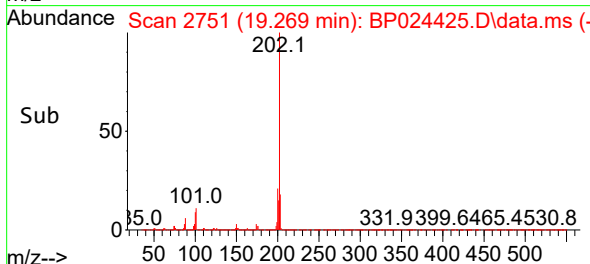
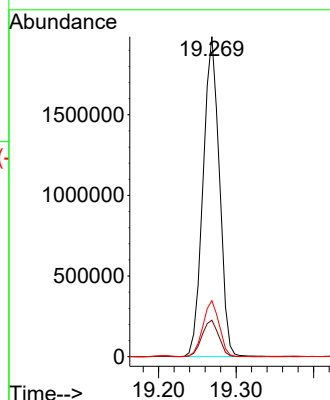
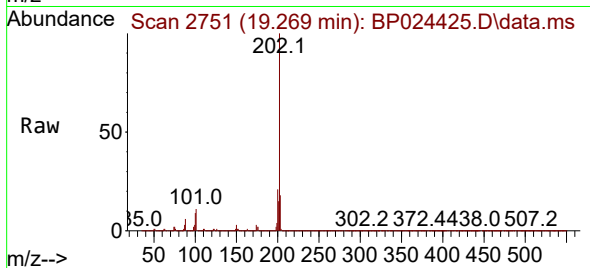
203 17.5 0.0 37.7

Manual Integrations

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Reviewed By :Rahul Chavli 04/28/2025

Supervised By :Jagrut Upadhyay 04/28/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.580 min Scan# 3144

Delta R.T. -0.012 min

Lab File: BP024425.D

Acq: 25 Apr 2025 16:30

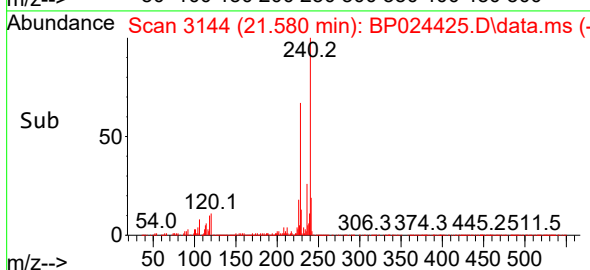
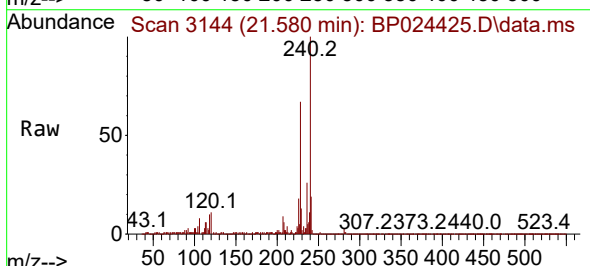
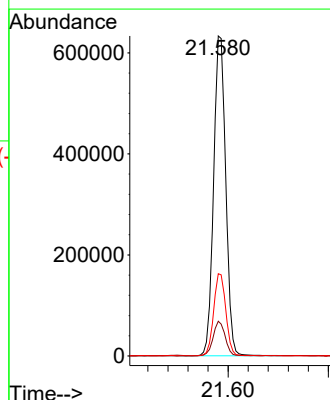
Tgt Ion:240 Resp: 1061183

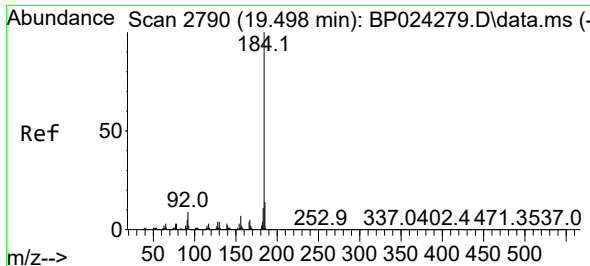
Ion Ratio Lower Upper

240 100

120 10.8 9.8 14.8

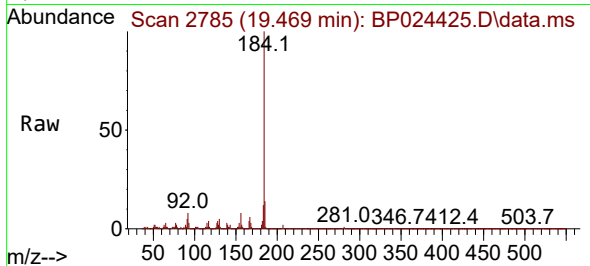
236 25.7 20.9 31.3





#77
Benzidine
Concen: 77.821 ng
RT: 19.469 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

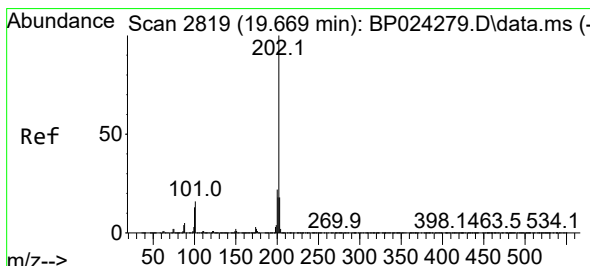
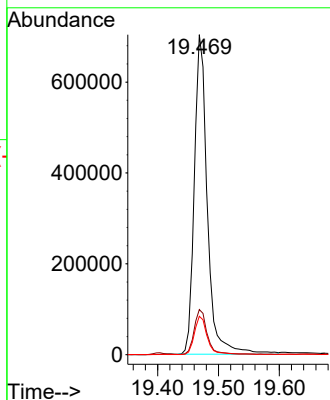
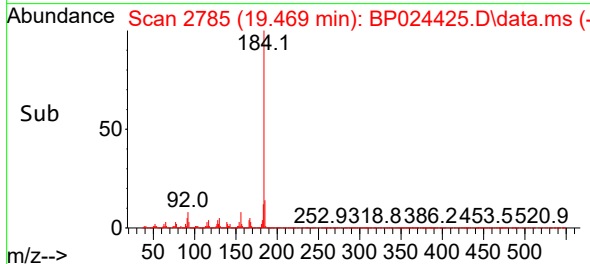
Instrument :
BNA_P
ClientSampleId :
VNJ211MS



Tgt Ion:184 Resp: 1046799
Ion Ratio Lower Upper
184 100
185 14.1 11.6 17.4
183 12.0 9.2 13.8

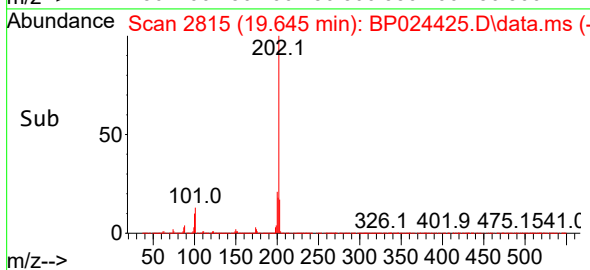
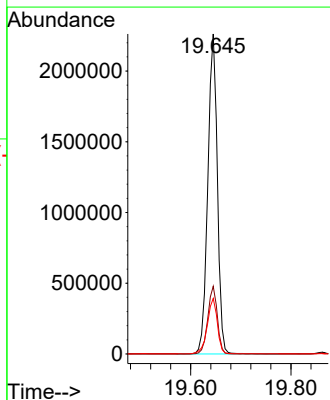
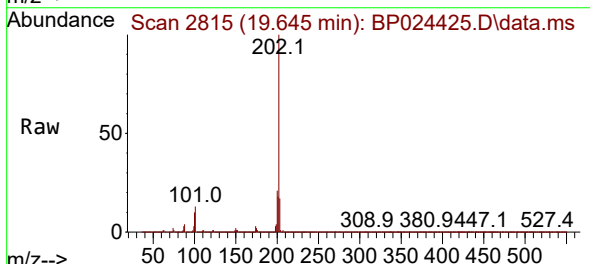
Manual Integrations
APPROVED

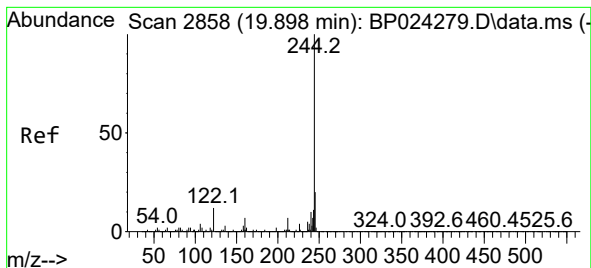
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#78
Pyrene
Concen: 44.342 ng
RT: 19.645 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

Tgt Ion:202 Resp: 2990415
Ion Ratio Lower Upper
202 100
200 21.2 17.2 25.8
203 17.4 14.4 21.6





#79

Terphenyl-d14

Concen: 69.586 ng

RT: 19.863 min Scan# 2858

Delta R.T. -0.012 min

Lab File: BP024425.D

Acq: 25 Apr 2025 16:30

Instrument :

BNA_P

ClientSampleId :

VNJ211MS

Tgt Ion:244 Resp: 366352

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

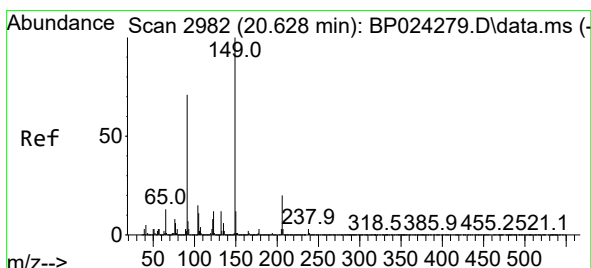
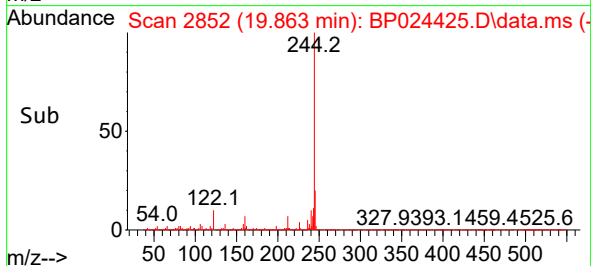
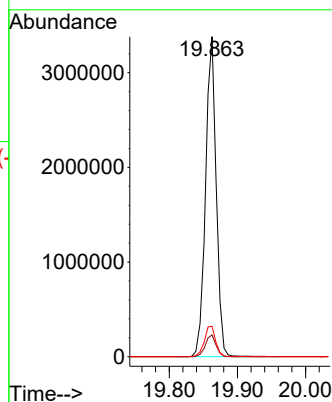
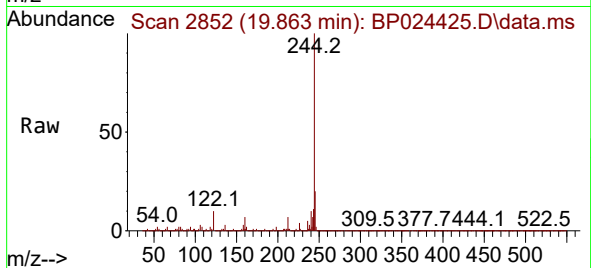
122 9.5 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/28/2025

Supervised By :Jagrut Upadhyay 04/28/2025



#80

Butylbenzylphthalate

Concen: 44.959 ng

RT: 20.592 min Scan# 2976

Delta R.T. -0.012 min

Lab File: BP024425.D

Acq: 25 Apr 2025 16:30

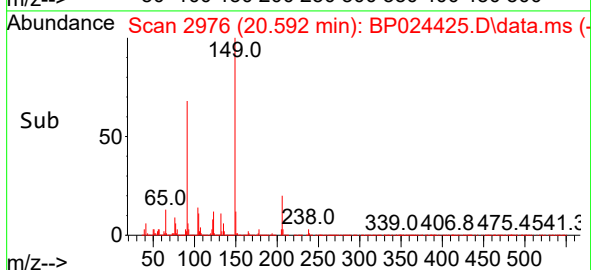
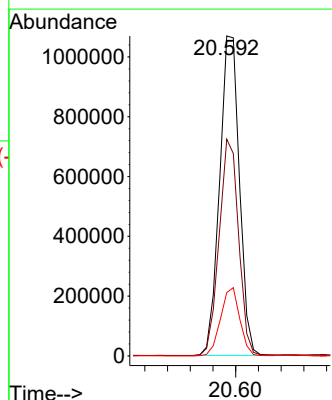
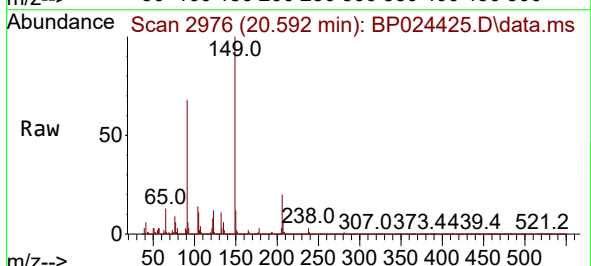
Tgt Ion:149 Resp: 1298669

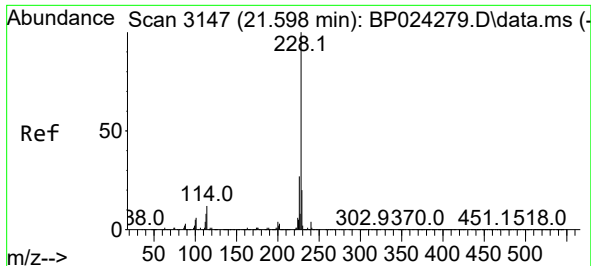
Ion Ratio Lower Upper

149 100

91 67.8 56.4 84.6

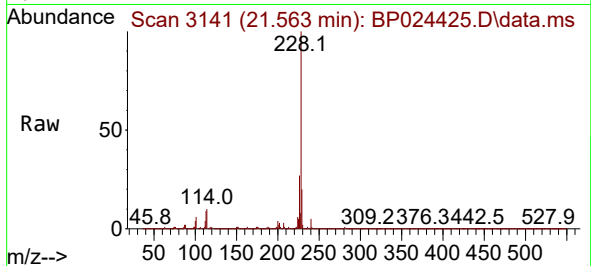
206 19.8 16.3 24.5





#81
Benzo(a)anthracene
Concen: 45.049 ng
RT: 21.563 min Scan# 3147
Delta R.T. -0.006 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

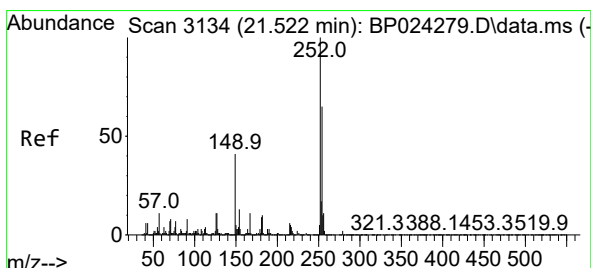
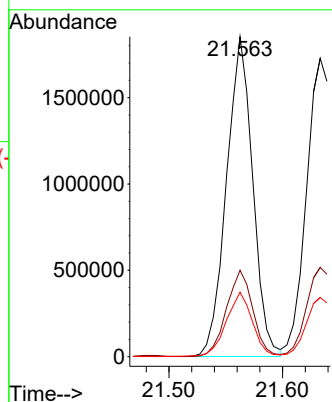
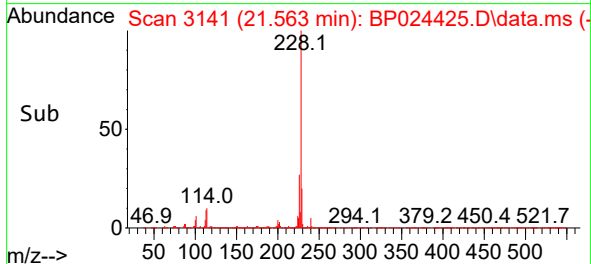
Instrument :
BNA_P
ClientSampleId :
VNJ211MS



Tgt Ion:228 Resp: 297141
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 20.2 15.9 23.9

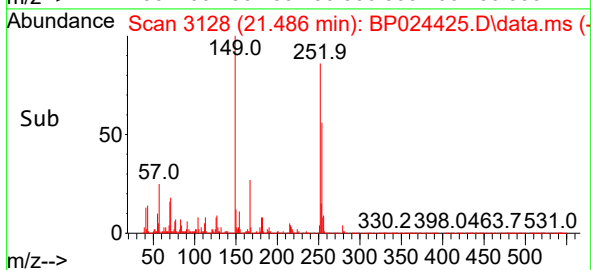
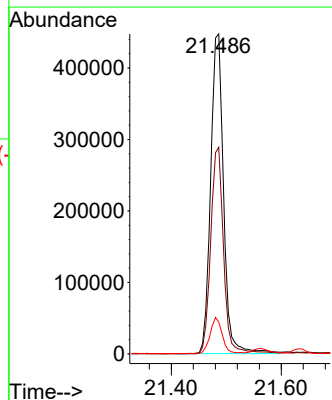
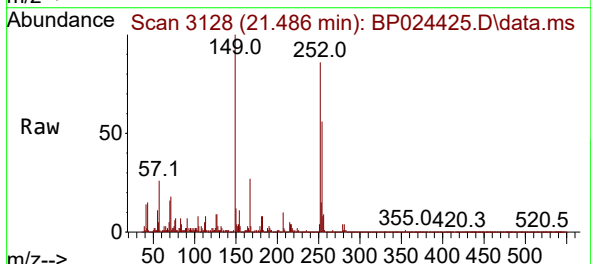
Manual Integrations
APPROVED

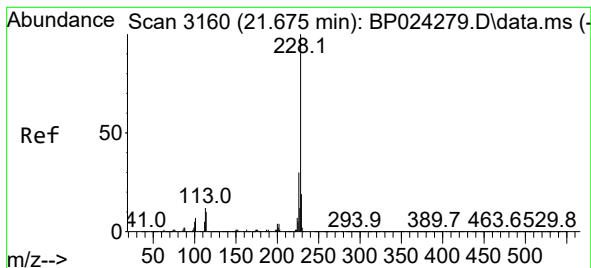
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#82
3,3'-Dichlorobenzidine
Concen: 31.599 ng
RT: 21.486 min Scan# 3128
Delta R.T. -0.006 min
Lab File: BP024425.D
Acq: 25 Apr 2025 16:30

Tgt Ion:252 Resp: 731544
Ion Ratio Lower Upper
252 100
254 64.6 51.7 77.5
126 9.9 8.8 13.2





#83

Chrysene

Concen: 43.651 ng

RT: 21.633 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP024425.D

Acq: 25 Apr 2025 16:30

Instrument :

BNA_P

ClientSampleId :

VNJ211MS

Tgt Ion:228 Resp: 275836

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.2

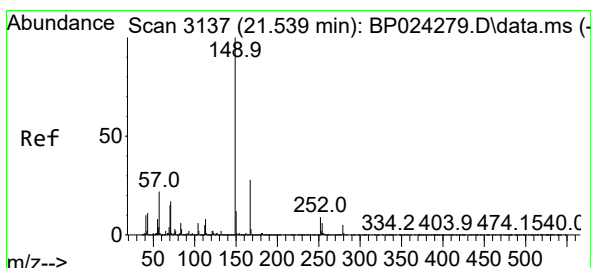
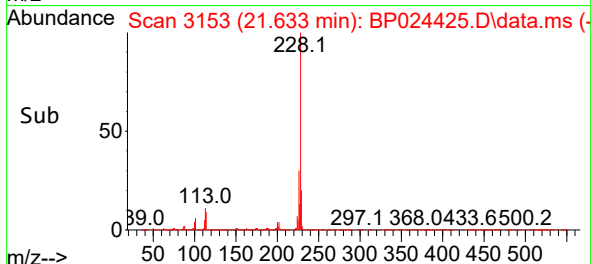
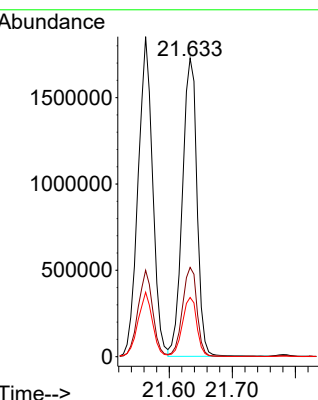
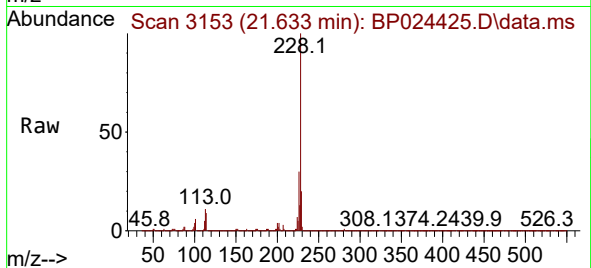
229 19.8 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/28/2025

Supervised By :Jagrut Upadhyay 04/28/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.830 ng

RT: 21.498 min Scan# 3130

Delta R.T. -0.012 min

Lab File: BP024425.D

Acq: 25 Apr 2025 16:30

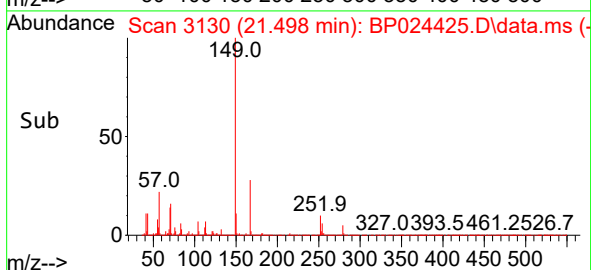
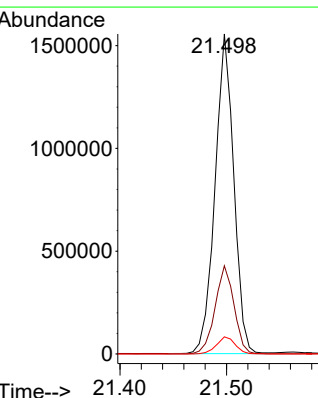
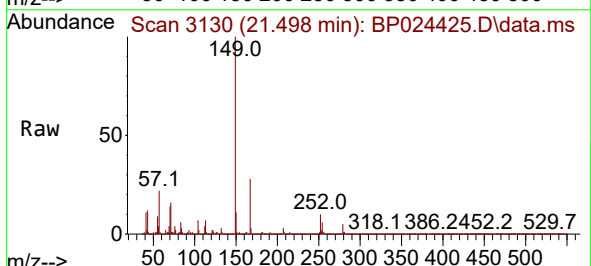
Tgt Ion:149 Resp: 1898349

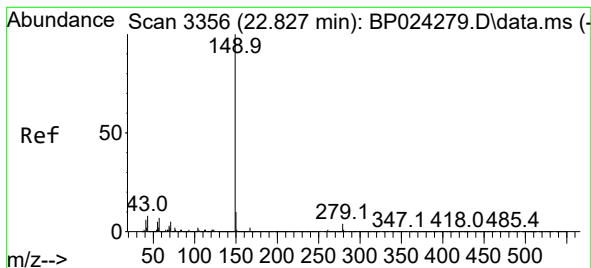
Ion Ratio Lower Upper

149 100

167 27.5 22.4 33.6

279 5.4 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 45.380 ng

RT: 22.768 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP024425.D

Acq: 25 Apr 2025 16:30

Instrument :

BNA_P

ClientSampleId :

VNJ211MS

Tgt Ion:149 Resp: 3124024

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

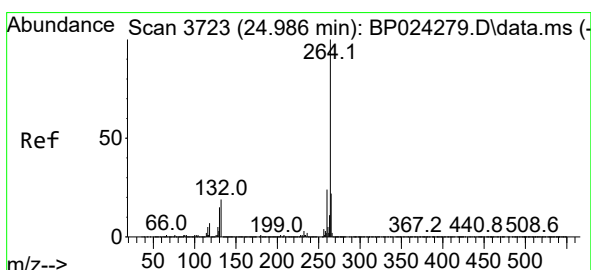
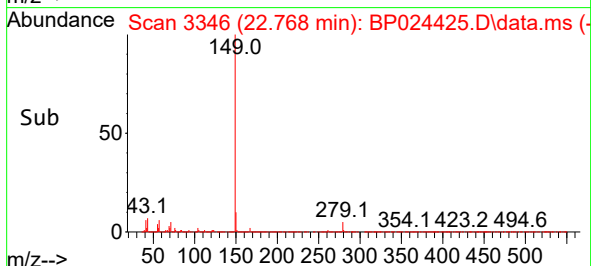
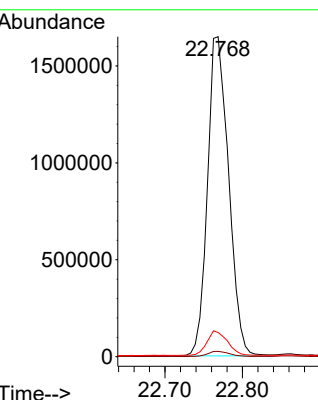
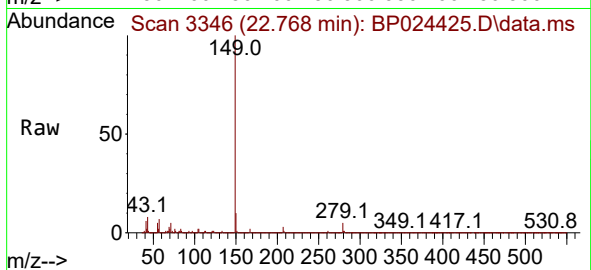
43 7.5 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/28/2025

Supervised By :Jagrut Upadhyay 04/28/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.927 min Scan# 3713

Delta R.T. -0.006 min

Lab File: BP024425.D

Acq: 25 Apr 2025 16:30

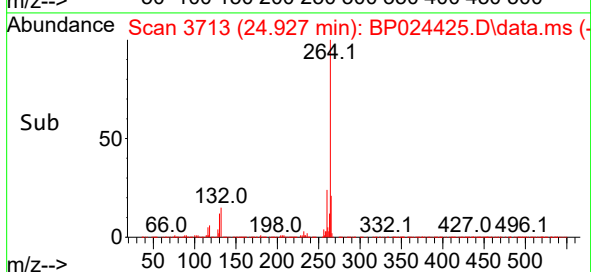
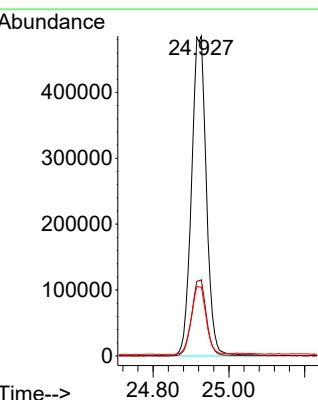
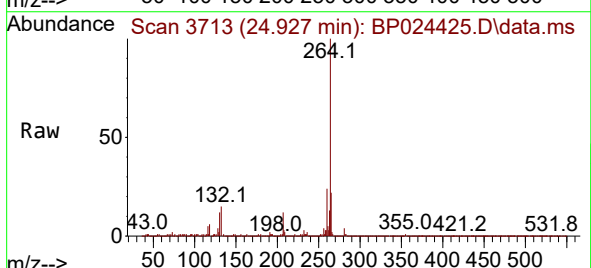
Tgt Ion:264 Resp: 1320298

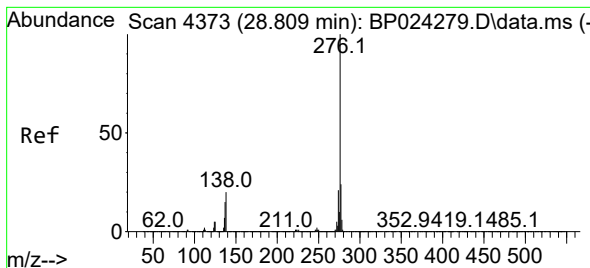
Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

265 21.6 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.293 ng

RT: 28.698 min Scan# 41

Delta R.T. -0.041 min

Lab File: BP024425.D

Acq: 25 Apr 2025 16:30

Instrument :

BNA_P

ClientSampleId :

VNJ211MS

Tgt Ion:276 Resp: 4243290

Ion Ratio Lower Upper

276 100

138 15.6 14.5 21.7

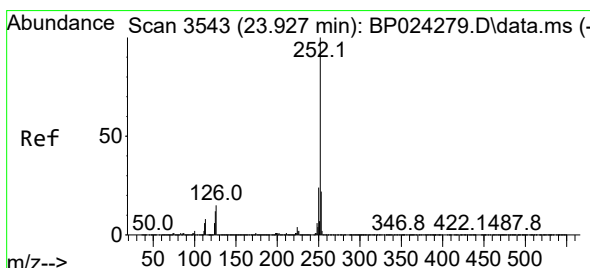
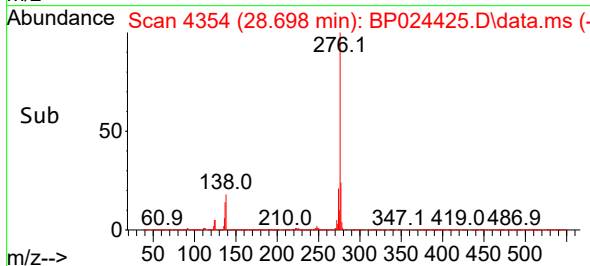
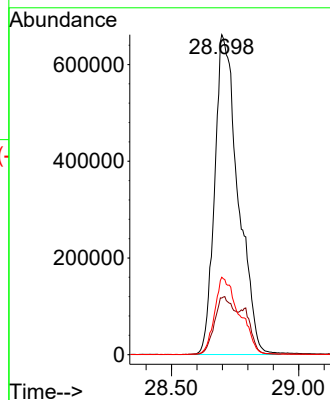
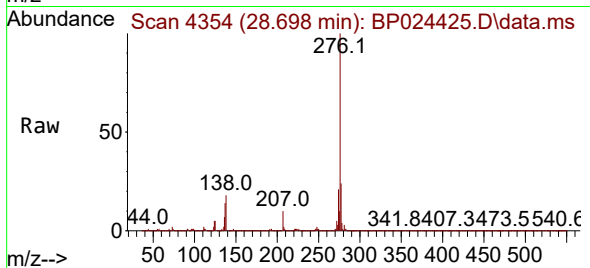
277 25.4 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/28/2025

Supervised By :Jagrut Upadhyay 04/28/2025



#88

Benzo(b)fluoranthene

Concen: 40.812 ng m

RT: 23.868 min Scan# 3533

Delta R.T. -0.018 min

Lab File: BP024425.D

Acq: 25 Apr 2025 16:30

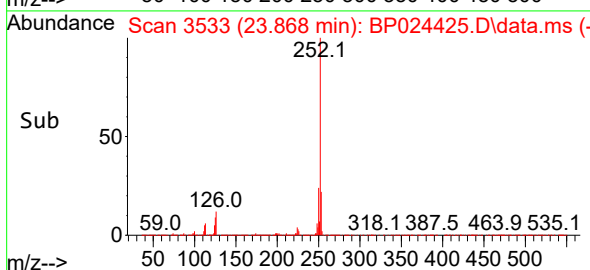
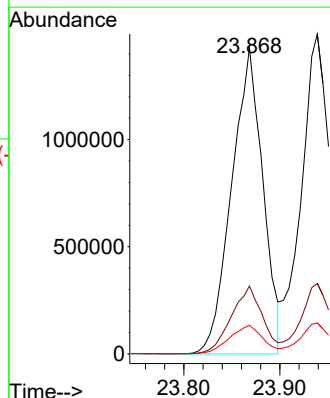
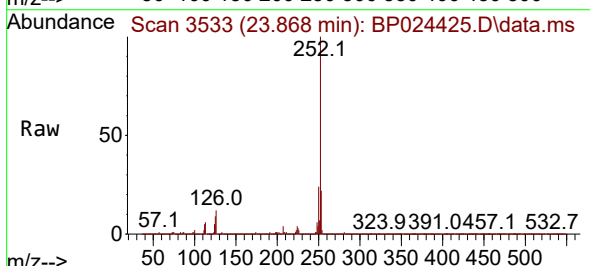
Tgt Ion:252 Resp: 3229883

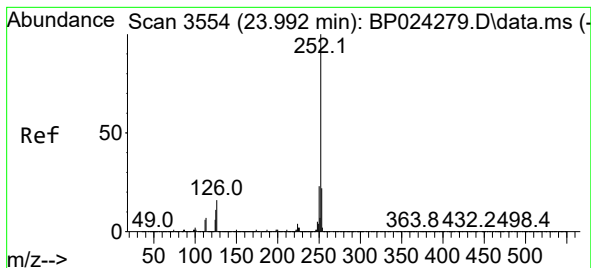
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 9.4 9.4 14.0#





#89

Benzo(k)fluoranthene

Concen: 42.005 ng m

RT: 23.939 min Scan# 3

Delta R.T. -0.018 min

Lab File: BP024425.D

Acq: 25 Apr 2025 16:30

Instrument :

BNA_P

ClientSampleId :

VNJ211MS

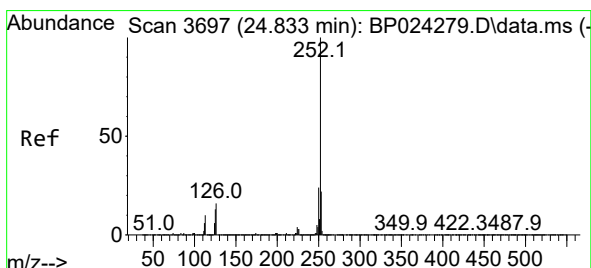
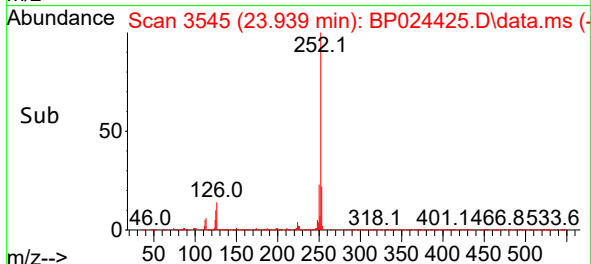
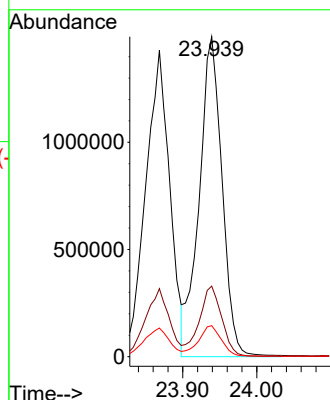
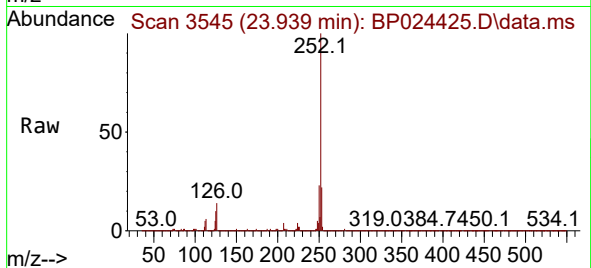
Tgt Ion:252 Resp: 3211054
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.7 26.5
 125 9.7 9.1 13.7

Manual Integrations

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Reviewed By :Rahul Chavli 04/28/2025

Supervised By :Jagrut Upadhyay 04/28/2025



#90

Benzo(a)pyrene

Concen: 46.310 ng

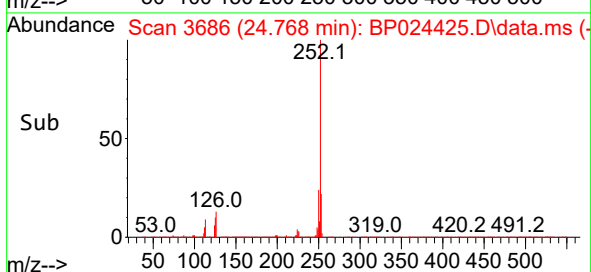
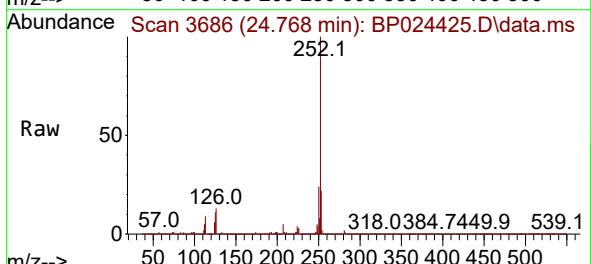
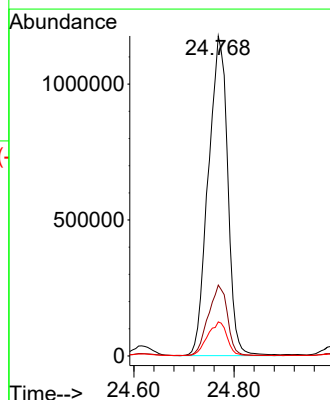
RT: 24.768 min Scan# 3686

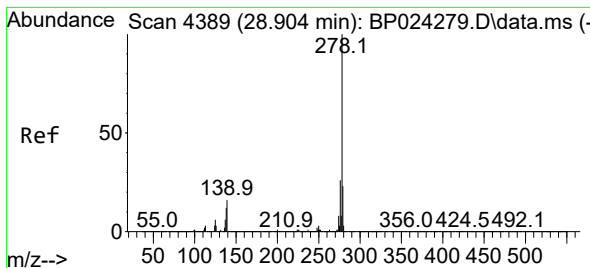
Delta R.T. -0.012 min

Lab File: BP024425.D

Acq: 25 Apr 2025 16:30

Tgt Ion:252 Resp: 3161390
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.6 26.4
 125 10.6 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 44.454 ng

RT: 28.792 min Scan# 41

Delta R.T. -0.012 min

Lab File: BP024425.D

Acq: 25 Apr 2025 16:30

Instrument :

BNA_P

ClientSampleId :

VNJ211MS

Tgt Ion:278 Resp: 338208

Ion Ratio Lower Upper

278 100

139 13.7 12.6 19.0

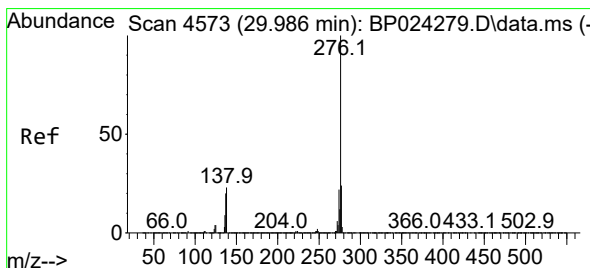
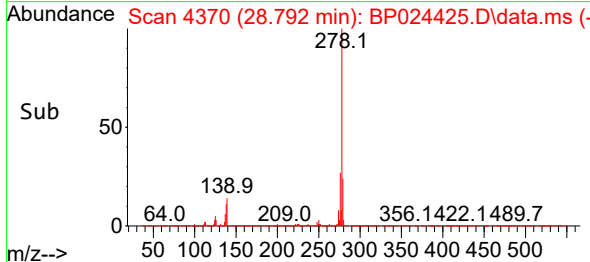
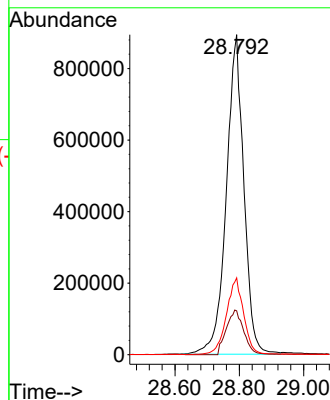
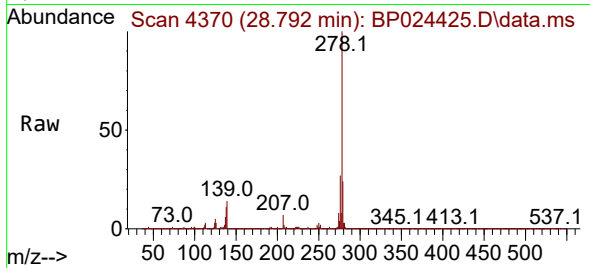
279 24.0 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/28/2025

Supervised By :Jagrut Upadhyay 04/28/2025



#92

Benzo(g,h,i)perylene

Concen: 44.458 ng

RT: 29.892 min Scan# 4557

Delta R.T. -0.006 min

Lab File: BP024425.D

Acq: 25 Apr 2025 16:30

Tgt Ion:276 Resp: 3442843

Ion Ratio Lower Upper

276 100

277 23.9 18.9 28.3

138 19.9 18.7 28.1

