

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
 Data File : BP024419.D
 Acq On : 25 Apr 2025 12:21
 Operator : RC/JU
 Sample : PB167726BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167726BS

Manual Integrations
 APPROVED

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

Quant Time: Apr 25 12:45:06 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	7.716	152	202896	20.000	ng	0.00
21) Naphthalene-d8	10.487	136	816292	20.000	ng	-0.01
39) Acenaphthene-d10	14.339	164	504044	20.000	ng	-0.01
64) Phenanthrene-d10	17.133	188	955062	20.000	ng	-0.01
76) Chrysene-d12	21.574	240	989983	20.000	ng	-0.02
86) Perylene-d12	24.903	264	1149630	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1671415	136.208	ng	0.00
7) Phenol-d6	6.910	99	2059833	122.591	ng	0.00
23) Nitrobenzene-d5	8.863	82	1267056	88.509	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	1055240	151.317	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	2931970	89.063	ng	-0.01
79) Terphenyl-d14	19.857	244	4552609	92.693	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	189409	36.492	ng	96
3) Pyridine	3.681	79	485079	35.393	ng	94
4) n-Nitrosodimethylamine	3.593	42	215710	47.423	ng	84
6) Aniline	7.057	93	655057	43.628	ng	98
8) 2-Chlorophenol	7.293	128	630990	46.056	ng	99
9) Benzaldehyde	6.869	77	243079	29.246	ng	98
10) Phenol	6.934	94	738245	43.799	ng	93
11) bis(2-Chloroethyl)ether	7.151	93	555165	40.879	ng	100
12) 1,3-Dichlorobenzene	7.604	146	659951	44.744	ng	99
13) 1,4-Dichlorobenzene	7.751	146	669461	44.735	ng	99
14) 1,2-Dichlorobenzene	8.063	146	646940	44.769	ng	99
15) Benzyl Alcohol	7.957	79	496402	45.683	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.234	45	639922	43.594	ng	99
17) 2-Methylphenol	8.163	107	510549	46.823	ng	97
18) Hexachloroethane	8.787	117	251817	46.561	ng	96
19) n-Nitroso-di-n-propyla...	8.516	70	421175	40.517	ng	96
20) 3+4-Methylphenols	8.487	107	688210	45.488	ng	98
22) Acetophenone	8.534	105	888920	43.998	ng	# 98
24) Nitrobenzene	8.910	77	634594	44.810	ng	98
25) Isophorone	9.428	82	1191732	45.991	ng	98
26) 2-Nitrophenol	9.610	139	332663	48.001	ng	97
27) 2,4-Dimethylphenol	9.675	122	580234	66.678	ng	99
28) bis(2-Chloroethoxy)met...	9.904	93	744714	42.544	ng	99
29) 2,4-Dichlorophenol	10.145	162	566913	47.780	ng	99
30) 1,2,4-Trichlorobenzene	10.351	180	591136	46.500	ng	99
31) Naphthalene	10.540	128	1873151	43.562	ng	100
32) Benzoic acid	9.840	122	433035m	42.707	ng	
33) 4-Chloroaniline	10.651	127	328875	21.719	ng	99
34) Hexachlorobutadiene	10.822	225	372921	49.920	ng	99
35) Caprolactam	11.445	113	192902	44.062	ng	98
36) 4-Chloro-3-methylphenol	11.781	107	641307	46.404	ng	99
37) 2-Methylnaphthalene	12.145	142	1177771	39.495	ng	98
38) 1-Methylnaphthalene	12.363	142	1224665	41.979	ng	99
40) 1,2,4,5-Tetrachloroben...	12.522	216	649683	46.870	ng	98
41) Hexachlorocyclopentadiene	12.504	237	953564	194.511	ng	99
43) 2,4,6-Trichlorophenol	12.769	196	458885	49.794	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	507633	49.742	ng	99
46) 1,1'-Biphenyl	13.169	154	1661121	44.835	ng	99
47) 2-Chloronaphthalene	13.210	162	1266151	45.725	ng	98
48) 2-Nitroaniline	13.416	65	381633	49.133	ng	94
49) Acenaphthylene	14.063	152	2146710	49.240	ng	100
50) Dimethylphthalate	13.804	163	1669962	45.559	ng	100
51) 2,6-Dinitrotoluene	13.916	165	367839	47.258	ng	94
52) Acenaphthene	14.410	154	1213184	43.894	ng	100
53) 3-Nitroaniline	14.257	138	259161	31.680	ng	99
54) 2,4-Dinitrophenol	14.469	184	467594	101.985	ng	95
55) Dibenzofuran	14.751	168	1938311	42.904	ng	98
56) 4-Nitrophenol	14.586	139	655945	92.841	ng	95
57) 2,4-Dinitrotoluene	14.722	165	529974	49.914	ng	98
58) Fluorene	15.404	166	1581034	45.207	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.975	232	452033	48.025	ng	99
60) Diethylphthalate	15.180	149	1701845	45.054	ng	100
61) 4-Chlorophenyl-phenyle...	15.404	204	783933	46.159	ng	97
62) 4-Nitroaniline	15.433	138	388831	44.899	ng	88
63) Azobenzene	15.704	77	1514279	43.616	ng	97
65) 4,6-Dinitro-2-methylph...	15.492	198	300226	49.861	ng	94
66) n-Nitrosodiphenylamine	15.622	169	1393984	48.901	ng	100
67) 4-Bromophenyl-phenylether	16.310	248	521346	49.912	ng	100
68) Hexachlorobenzene	16.427	284	636391	51.273	ng	100
69) Atrazine	16.598	200	489517	67.423	ng	98
70) Pentachlorophenol	16.786	266	874181	100.957	ng	100
71) Phenanthrene	17.186	178	2411857	46.292	ng	100
72) Anthracene	17.274	178	2433543	48.463	ng	99
73) Carbazole	17.557	167	2269507	46.256	ng	99
74) Di-n-butylphthalate	18.139	149	2903632	47.502	ng	100
75) Fluoranthene	19.263	202	2782567	44.905	ng	98
77) Benzidine	19.463	184	1165200	92.853	ng	100
78) Pyrene	19.633	202	2895353	46.020	ng	99
80) Butylbenzylphthalate	20.586	149	1325767	49.198	ng	97
81) Benzo(a)anthracene	21.551	228	2941628	47.805	ng	100
82) 3,3'-Dichlorobenzidine	21.474	252	805396	37.291	ng	100
83) Chrysene	21.621	228	2741435	46.503	ng	99
84) Bis(2-ethylhexyl)phtha...	21.492	149	1925956	48.753	ng	100
85) Di-n-octyl phthalate	22.762	149	3346354	52.105	ng	100
87) Indeno(1,2,3-cd)pyrene	28.674	276	4007209m	50.208	ng	
88) Benzo(b)fluoranthene	23.851	252	3191874	46.320	ng	98
89) Benzo(k)fluoranthene	23.921	252	3151350	47.344	ng	98
90) Benzo(a)pyrene	24.751	252	3053407	51.368	ng	98
91) Dibenzo(a,h)anthracene	28.762	278	3270015	49.361	ng	98
92) Benzo(g,h,i)perylene	29.862	276	3184780	47.231	ng	96

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

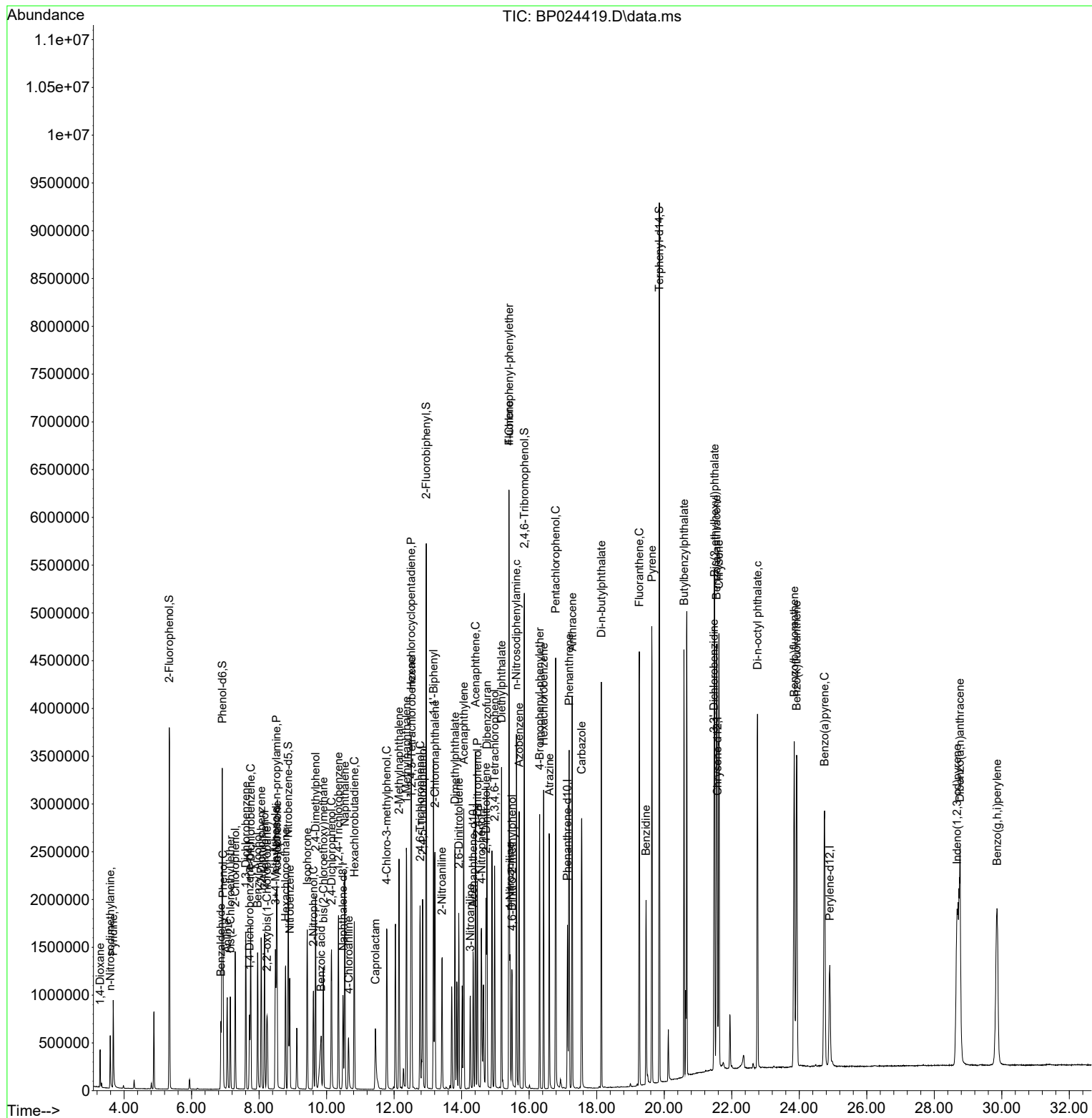
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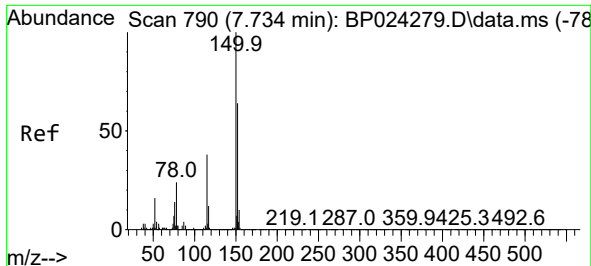
Instrument :
BNA_P
ClientSampleId :
PB167726BS

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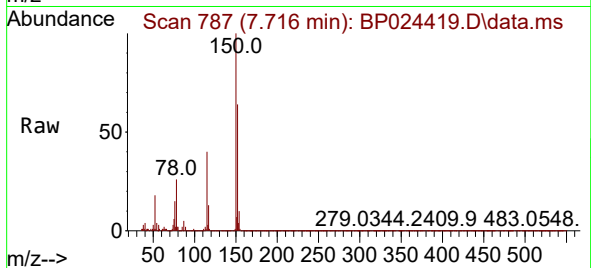
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 790
Delta R.T. -0.006 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

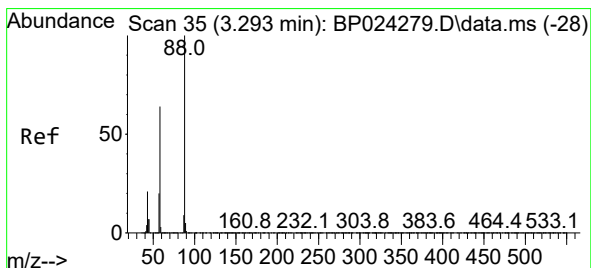
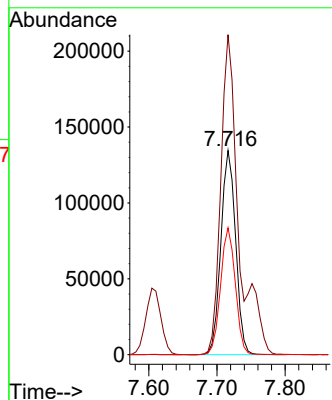
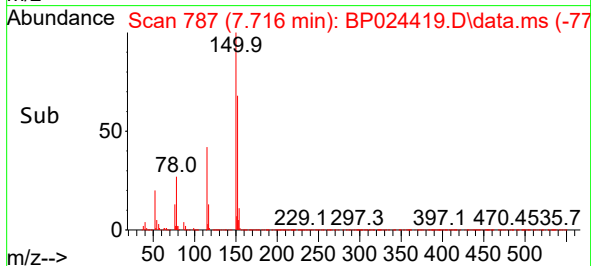
Instrument :
BNA_P
ClientSampleId :
PB167726BS



Tgt Ion:152 Resp: 202890
Ion Ratio Lower Upper
152 100
150 156.8 124.9 187.3
115 62.1 47.7 71.5

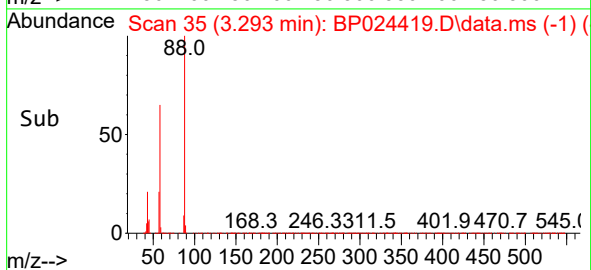
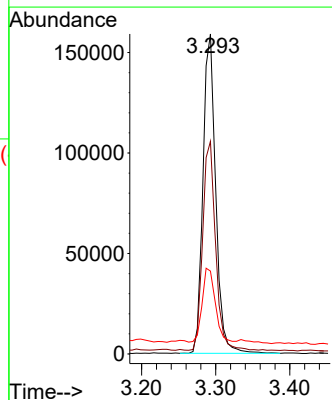
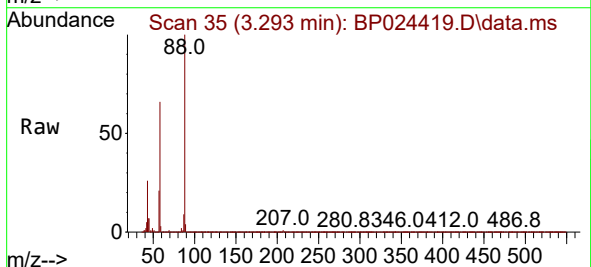
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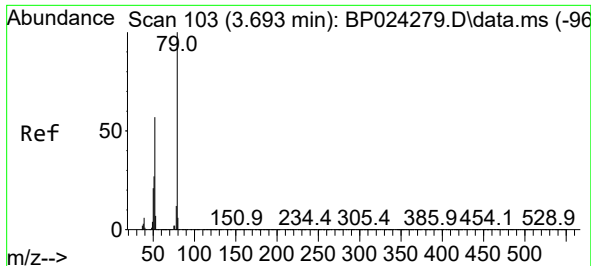
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#2
1,4-Dioxane
Concen: 36.492 ng
RT: 3.293 min Scan# 35
Delta R.T. 0.006 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

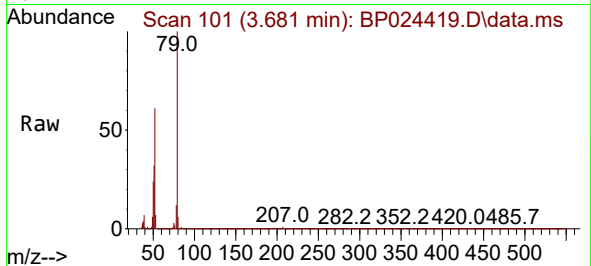
Tgt Ion: 88 Resp: 189409
Ion Ratio Lower Upper
88 100
58 67.6 51.4 77.2
43 23.6 17.1 25.7





#3
Pyridine
Concen: 35.393 ng
RT: 3.681 min Scan# 101
Delta R.T. -0.006 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

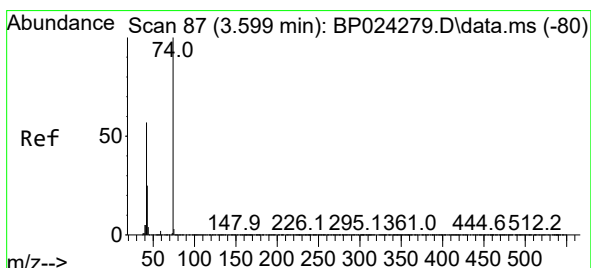
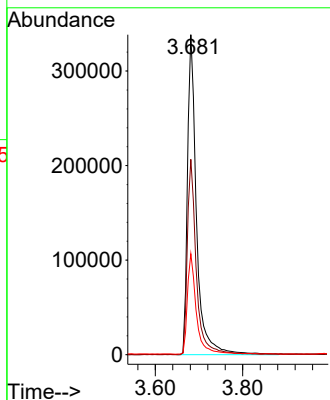
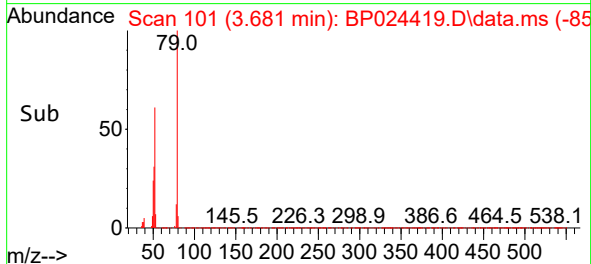
Instrument :
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ClientSampleId :
PB167726BS



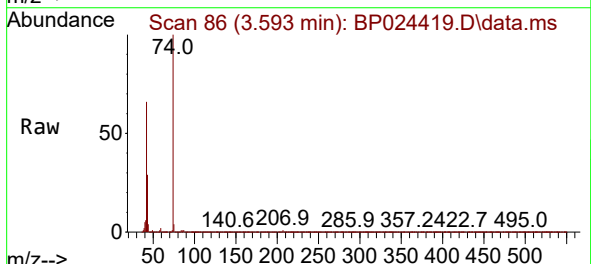
Tgt Ion: 79 Resp: 485079
Ion Ratio Lower Upper
79 100
52 61.0 45.4 68.2
51 31.5 22.6 33.8

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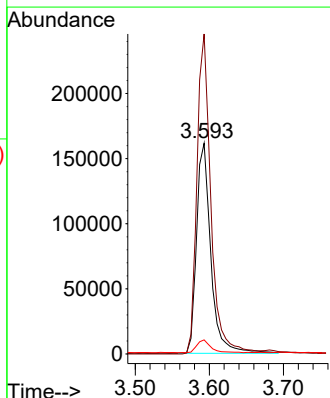
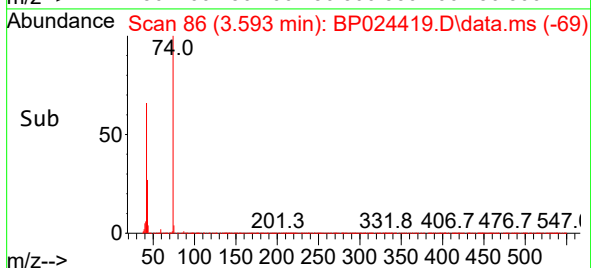
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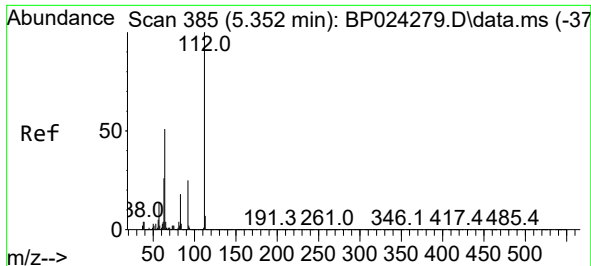


#4
n-Nitrosodimethylamine
Concen: 47.423 ng
RT: 3.593 min Scan# 86
Delta R.T. -0.000 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21



Tgt Ion: 42 Resp: 215710
Ion Ratio Lower Upper
42 100
74 151.9 139.5 209.3
44 6.7 5.8 8.8





#5
2-Fluorophenol
Concen: 136.208 ng
RT: 5.340 min Scan# 385
Delta R.T. -0.006 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

Instrument :

BNA_P

ClientSampleId :

PB167726BS

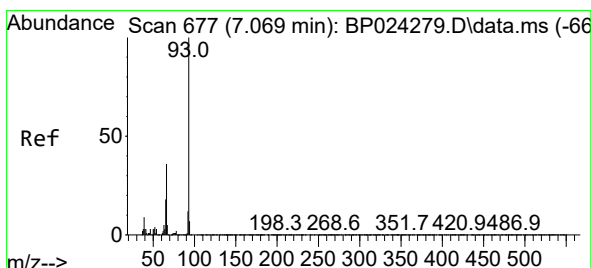
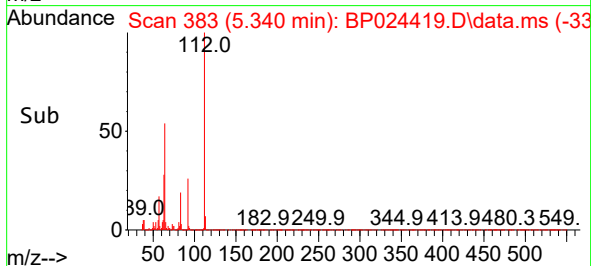
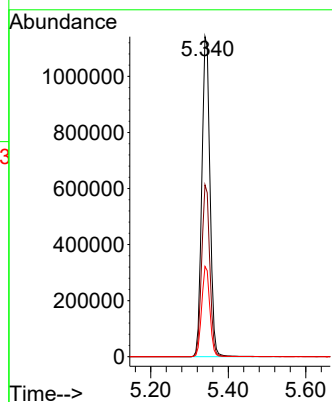
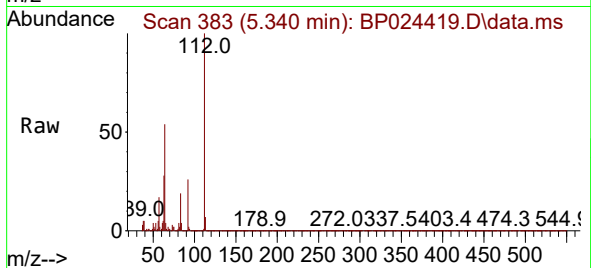
Tgt Ion:112 Resp: 167141
Ion Ratio Lower Upper
112 100
64 53.7 41.1 61.7
63 28.2 20.6 30.8

Manual Integrations

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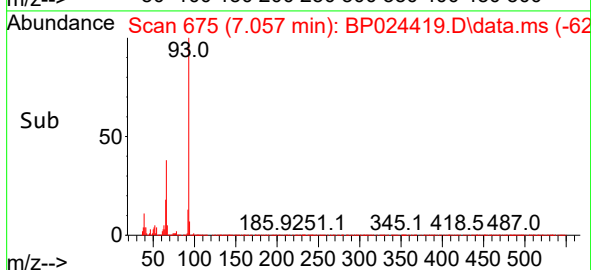
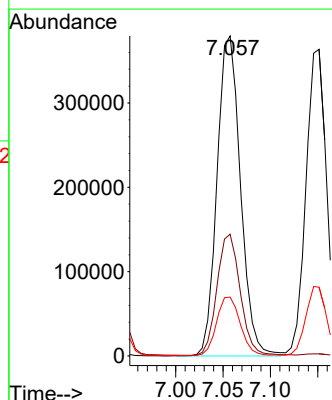
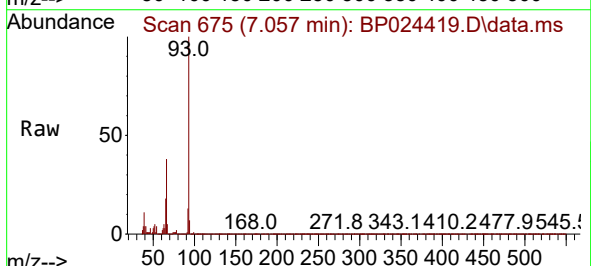
Reviewed By :Rahul Chavli 04/28/2025

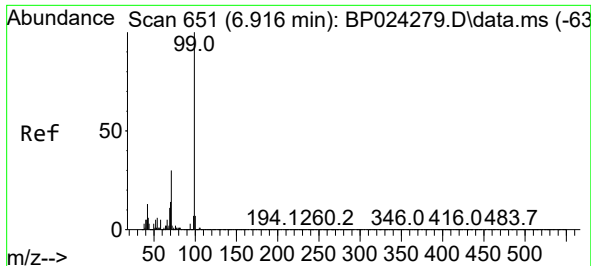
Supervised By :Jagrut Upadhyay 04/28/2025



#6
Aniline
Concen: 43.628 ng
RT: 7.057 min Scan# 675
Delta R.T. -0.006 min
Lab File: BP024419.D
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Tgt Ion: 93 Resp: 655057
Ion Ratio Lower Upper
93 100
66 38.0 29.1 43.7
65 18.4 14.7 22.1





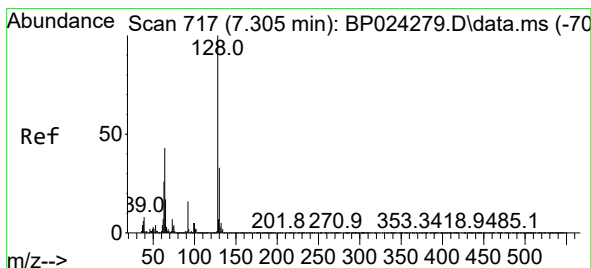
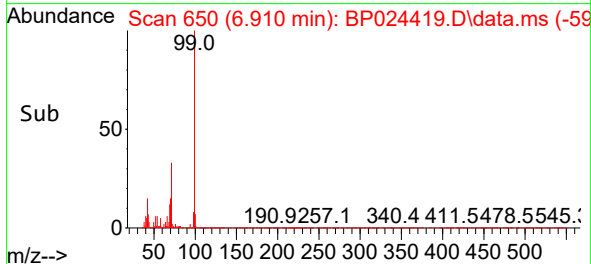
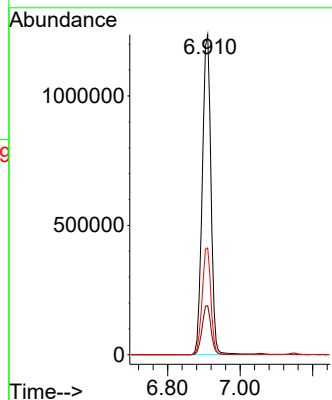
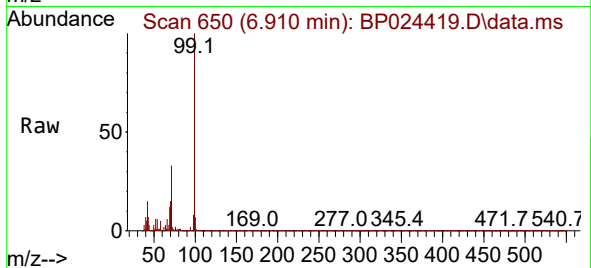
#7
Phenol-d6
Concen: 122.591 ng
RT: 6.910 min Scan# 610
Delta R.T. -0.000 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

Instrument :
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Tgt Ion: 99 Resp: 205983
Ion Ratio Lower Upper
99 100
42 15.3 10.6 16.0
71 33.4 23.7 35.5

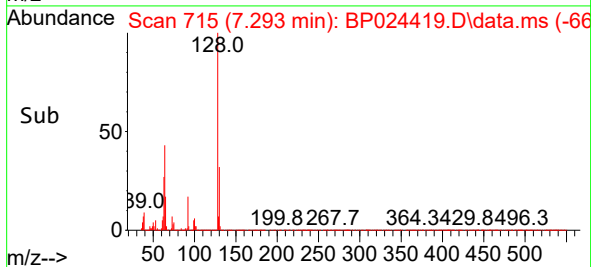
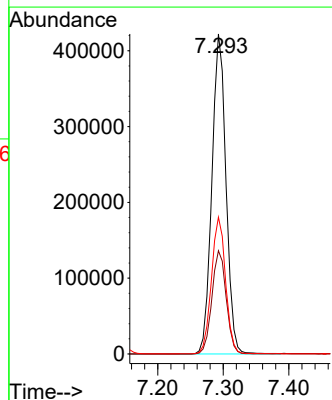
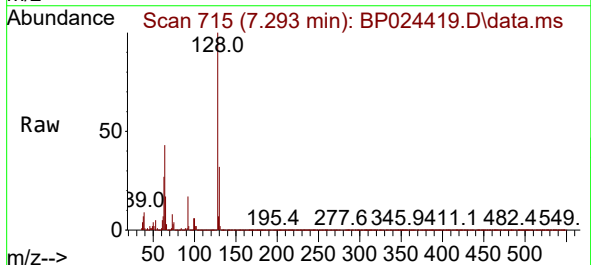
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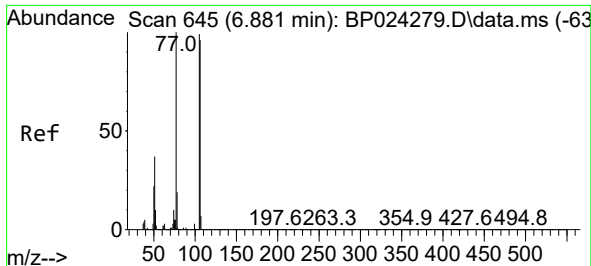
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#8
2-Chlorophenol
Concen: 46.056 ng
RT: 7.293 min Scan# 715
Delta R.T. -0.006 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

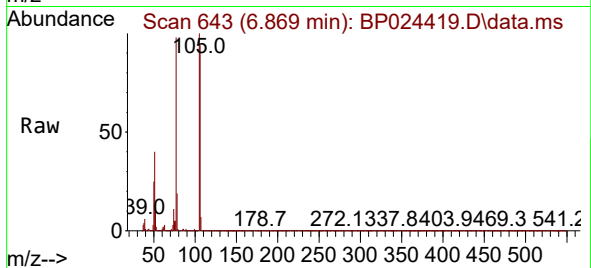
Tgt Ion:128 Resp: 630990
Ion Ratio Lower Upper
128 100
130 32.3 12.9 52.9
64 42.8 22.7 62.7





#9
Benzaldehyde
Concen: 29.246 ng
RT: 6.869 min Scan# 645
Delta R.T. -0.012 min
Lab File: BP024419.D
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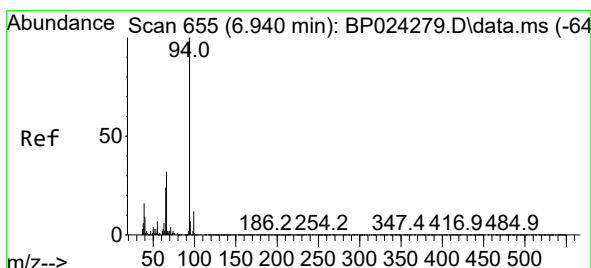
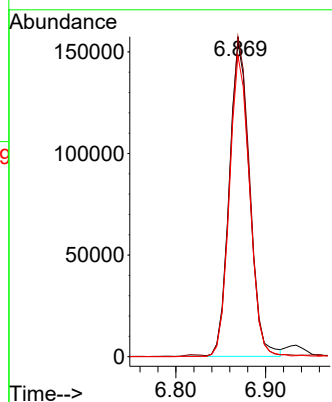
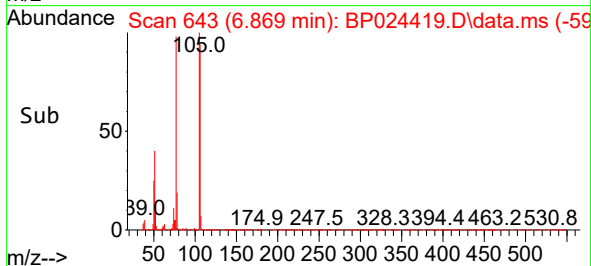
Instrument :
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Tgt Ion: 77 Resp: 243079
Ion Ratio Lower Upper
77 100
105 101.9 79.2 119.2
106 95.9 76.2 116.2

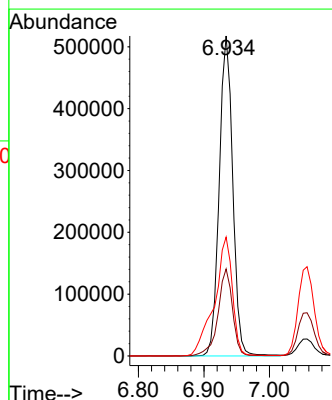
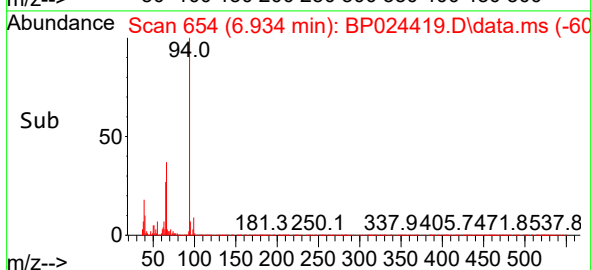
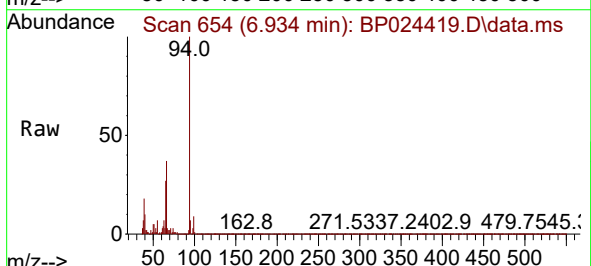
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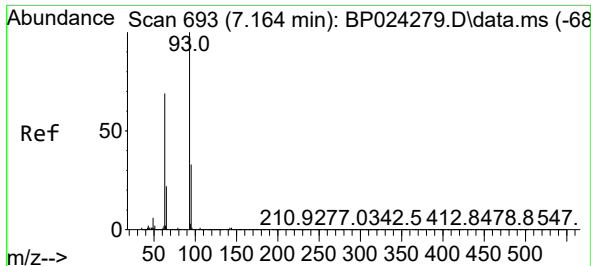
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#10
Phenol
Concen: 43.799 ng
RT: 6.934 min Scan# 654
Delta R.T. -0.006 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

Tgt Ion: 94 Resp: 738245
Ion Ratio Lower Upper
94 100
65 27.2 4.5 44.5
66 37.1 12.4 52.4





#11
bis(2-Chloroethyl)ether
Concen: 40.879 ng
RT: 7.151 min Scan# 691
Delta R.T. -0.006 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

Instrument :

BNA_P

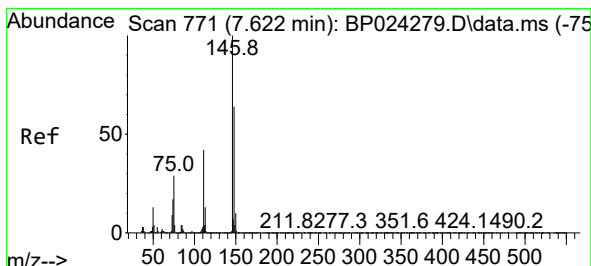
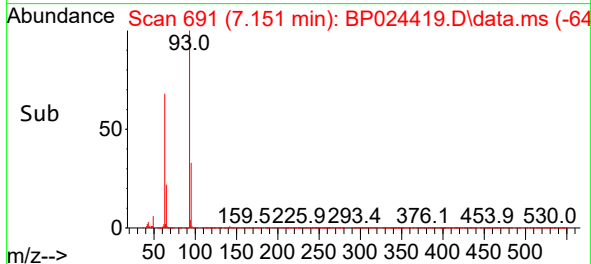
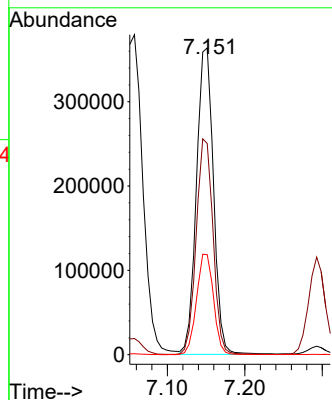
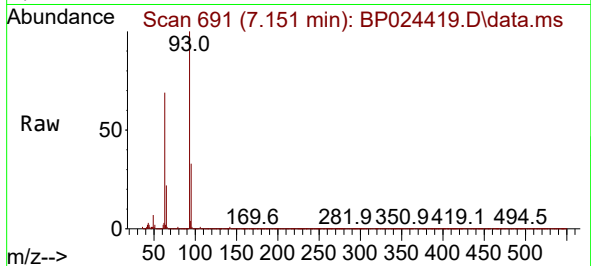
ClientSampleId :

PB167726BS

Tgt Ion: 93 Resp: 55516
Ion Ratio Lower Upper
93 100
63 68.8 48.6 88.6
95 32.6 12.3 52.3

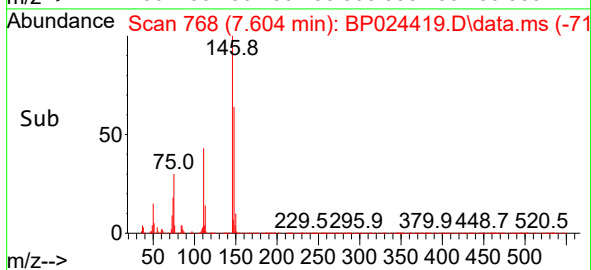
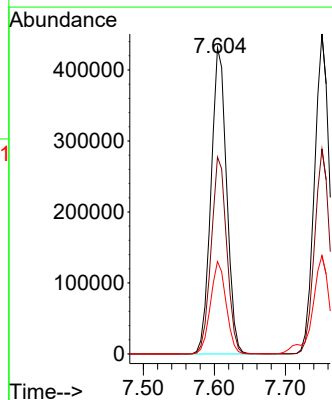
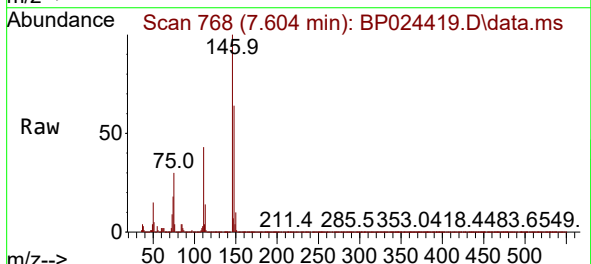
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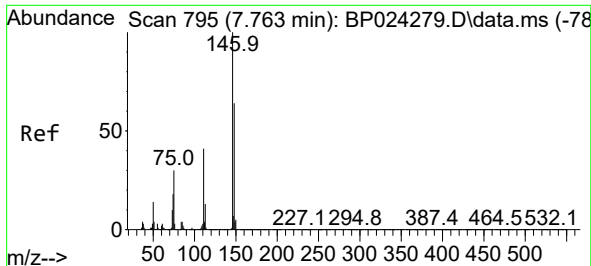
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#12
1,3-Dichlorobenzene
Concen: 44.744 ng
RT: 7.604 min Scan# 768
Delta R.T. -0.012 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

Tgt Ion:146 Resp: 659951
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.0
75 30.2 22.9 34.3





#13

1,4-Dichlorobenzene

Concen: 44.735 ng

RT: 7.751 min Scan# 795

Delta R.T. -0.006 min

Lab File: BP024419.D

Acq: 25 Apr 2025 12:21

Instrument :

BNA_P

ClientSampleId :

PB167726BS

Tgt Ion:146 Resp: 66946

Ion Ratio Lower Upper

146 100

148 64.0 51.1 76.7

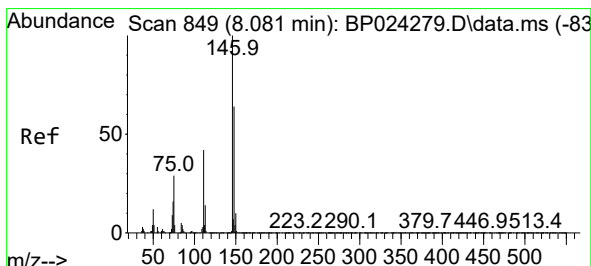
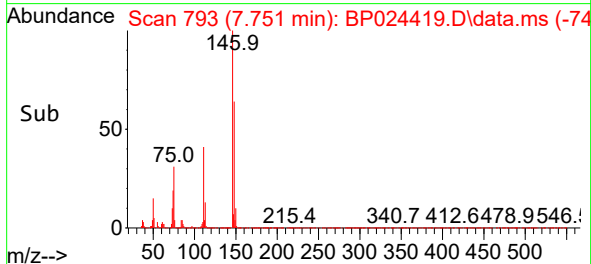
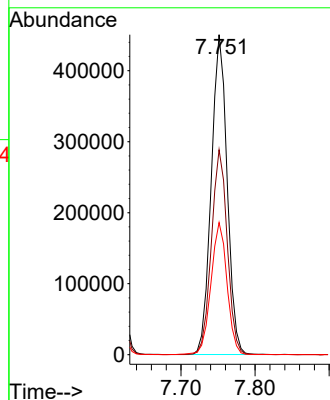
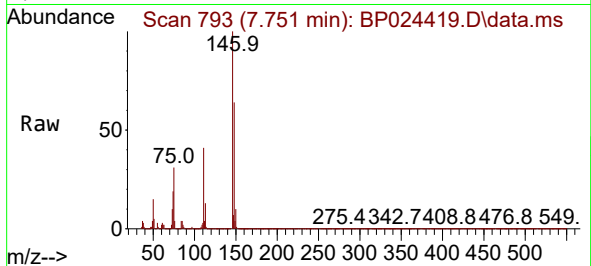
111 41.3 32.6 48.8

Manual Integrations

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Reviewed By :Rahul Chavli 04/28/2025

Supervised By :Jagrut Upadhyay 04/28/2025



#14

1,2-Dichlorobenzene

Concen: 44.769 ng

RT: 8.063 min Scan# 846

Delta R.T. -0.012 min

Lab File: BP024419.D

Acq: 25 Apr 2025 12:21

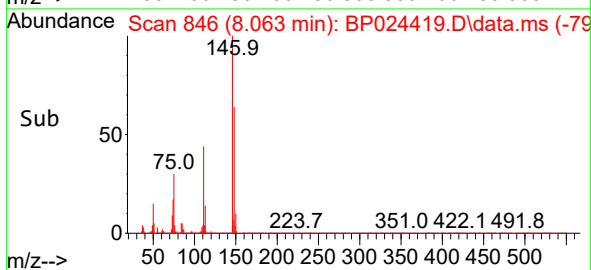
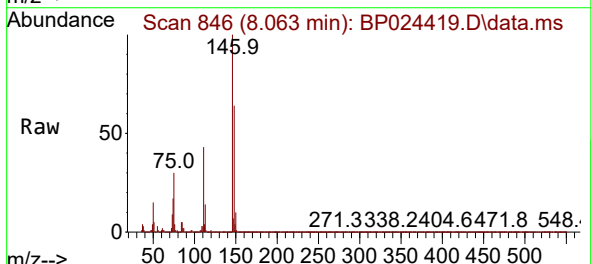
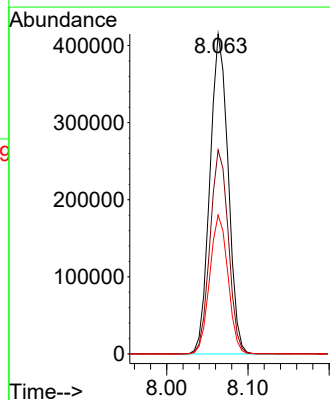
Tgt Ion:146 Resp: 646940

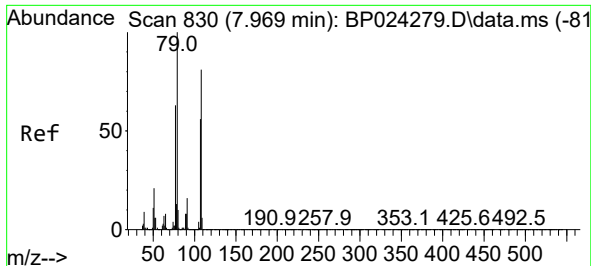
Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.4

111 43.4 33.8 50.8





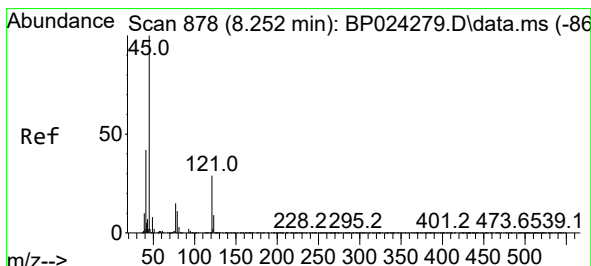
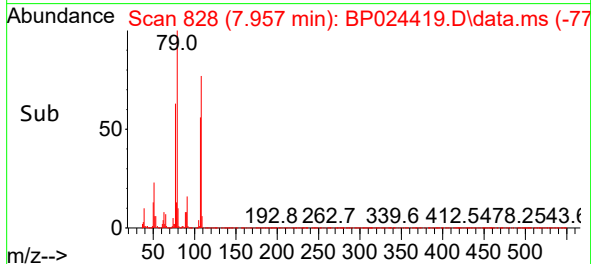
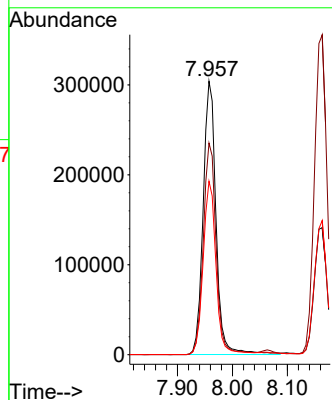
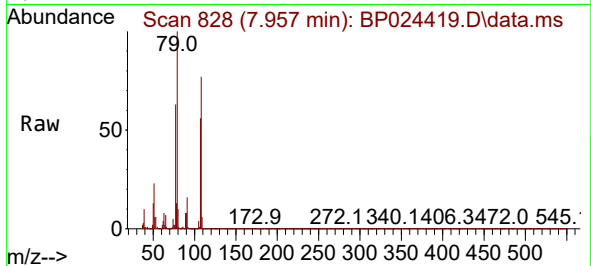
#15
Benzyl Alcohol
Concen: 45.683 ng
RT: 7.957 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

Instrument :
BNA_P
ClientSampleId :
PB167726BS

Tgt Ion: 79 Resp: 49640
Ion Ratio Lower Upper
79 100
108 77.4 65.1 97.7
77 63.4 50.7 76.1

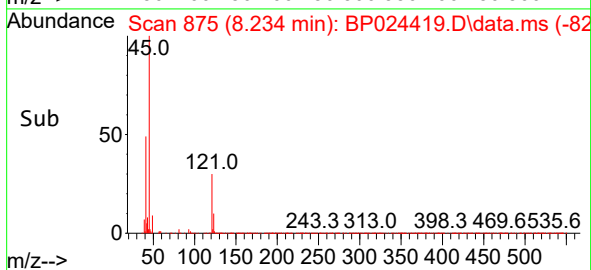
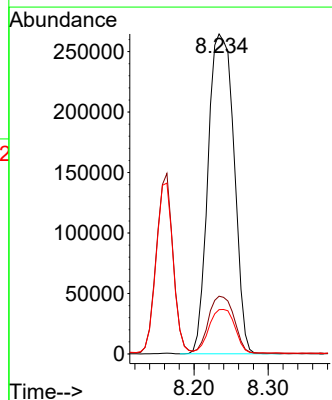
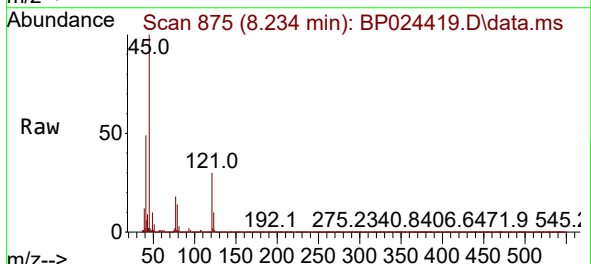
Manual Integrations
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Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.594 ng
RT: 8.234 min Scan# 875
Delta R.T. -0.012 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

Tgt Ion: 45 Resp: 639922
Ion Ratio Lower Upper
45 100
77 18.1 0.0 37.7
79 13.8 0.0 33.5





#17
2-Methylphenol
Concen: 46.823 ng
RT: 8.163 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

Instrument :

BNA_P

ClientSampleId :

PB167726BS

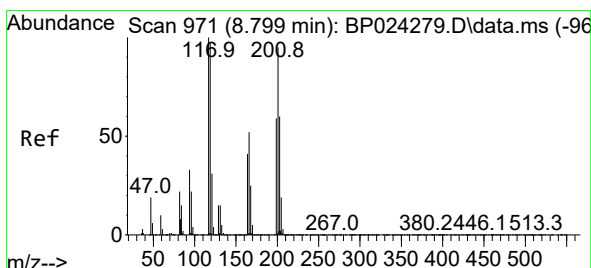
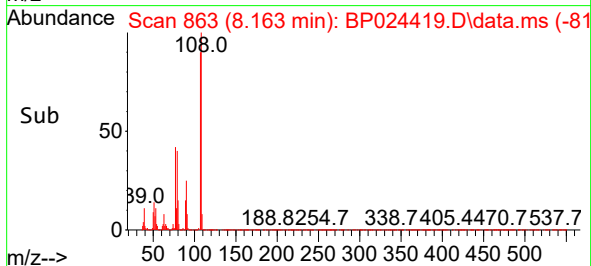
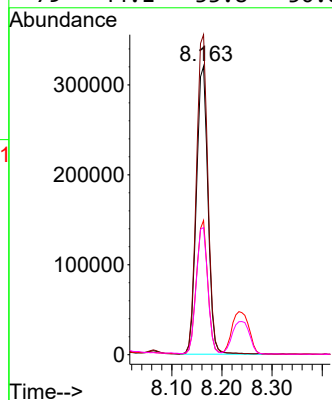
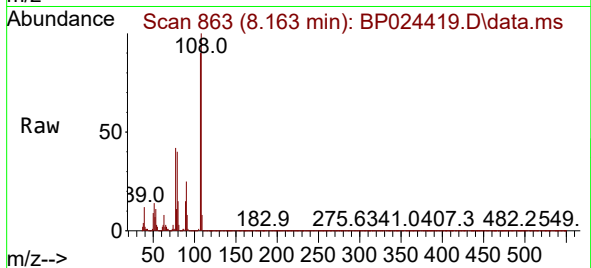
Tgt Ion:107 Resp: 510549
Ion Ratio Lower Upper
107 100
108 111.0 89.8 134.6
77 46.5 34.2 51.4
79 44.1 33.8 50.8

Manual Integrations

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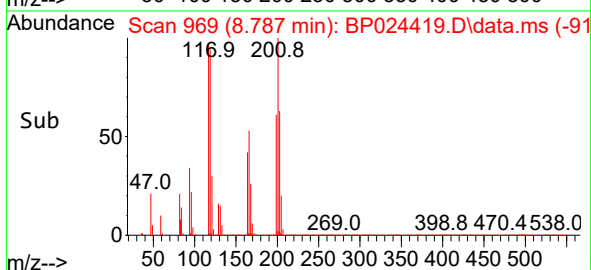
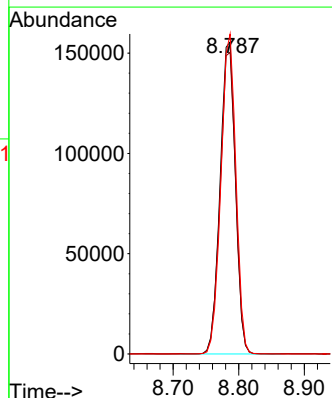
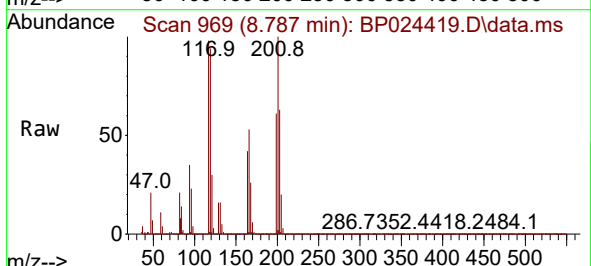
Reviewed By :Rahul Chavli 04/28/2025

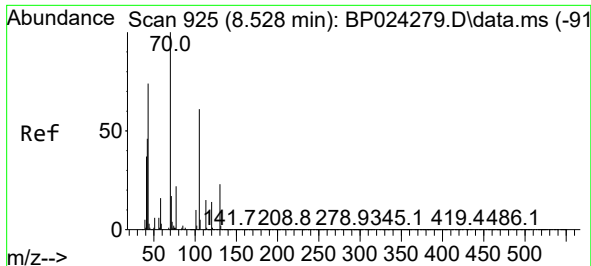
Supervised By :Jagrut Upadhyay 04/28/2025



#18
Hexachloroethane
Concen: 46.561 ng
RT: 8.787 min Scan# 969
Delta R.T. -0.006 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

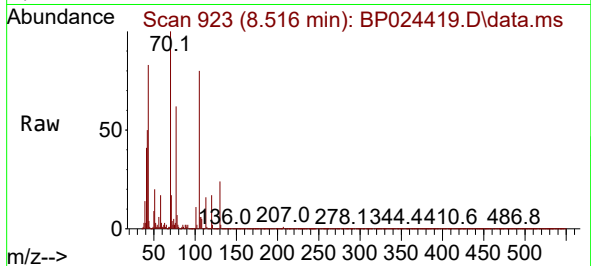
Tgt Ion:117 Resp: 251817
Ion Ratio Lower Upper
117 100
119 96.7 77.8 116.6
201 102.6 75.9 113.9





#19
n-Nitroso-di-n-propylamine
Concen: 40.517 ng
RT: 8.516 min Scan# 918
Delta R.T. -0.006 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

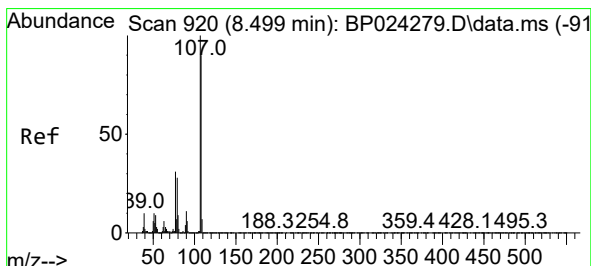
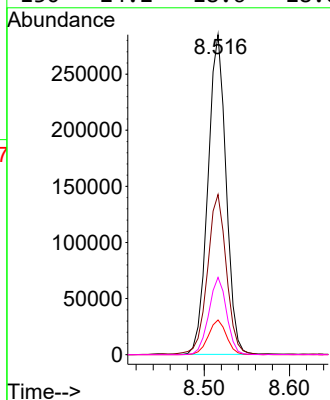
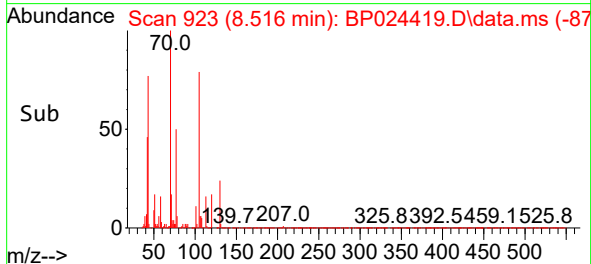
Instrument :
BNA_P
ClientSampleId :
PB167726BS



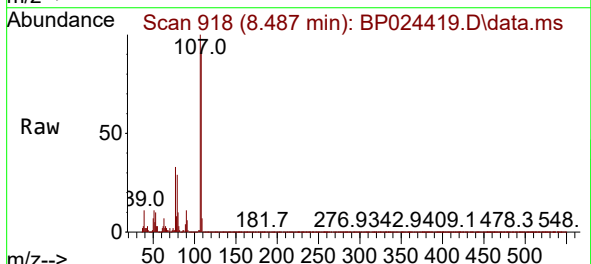
Tgt Ion: 70 Resp: 42117
Ion Ratio Lower Upper
70 100
42 50.1 37.3 55.9
101 10.9 8.2 12.4
130 24.2 18.6 28.0

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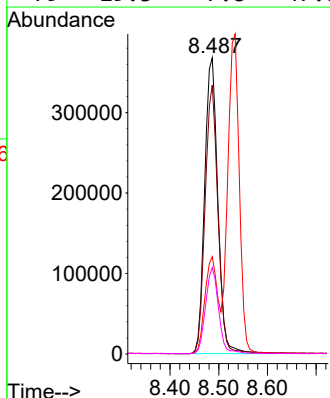
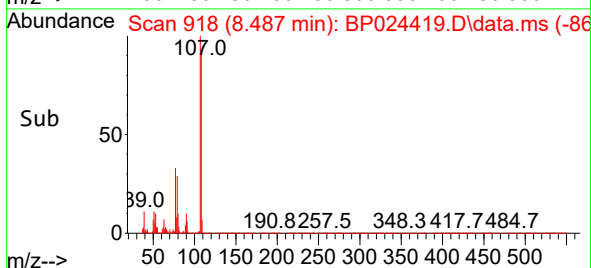
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025

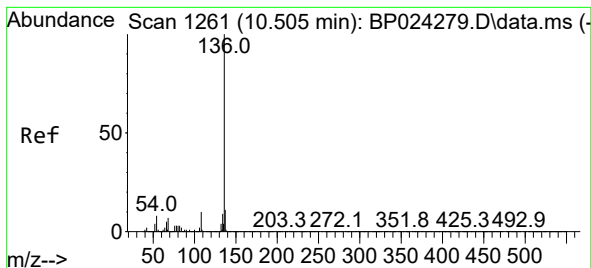


#20
3+4-Methylphenols
Concen: 45.488 ng
RT: 8.487 min Scan# 918
Delta R.T. -0.006 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21



Tgt Ion:107 Resp: 688210
Ion Ratio Lower Upper
107 100
108 90.8 69.8 109.8
77 32.9 11.5 51.5
79 29.3 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: BP024419.D
Acq: 25 Apr 2025 12:21

Instrument :

BNA_P

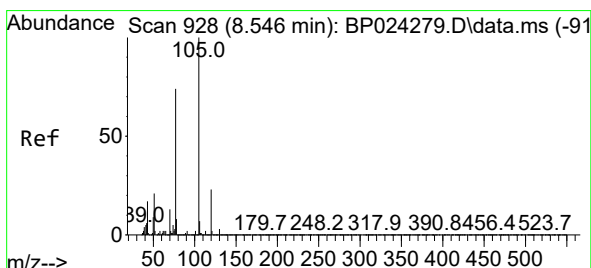
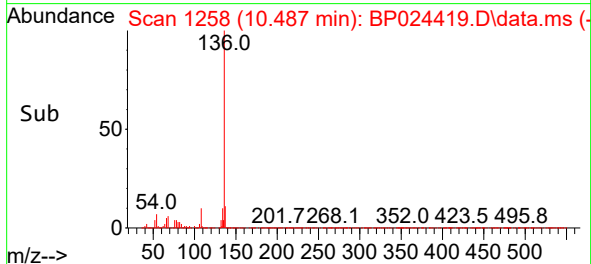
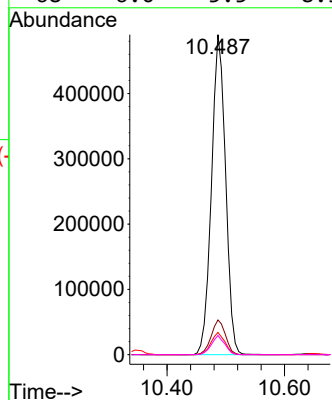
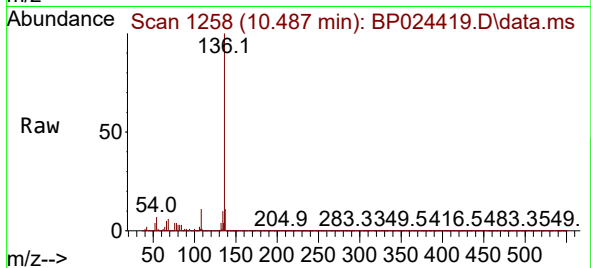
ClientSampleId :

PB167726BS

Tgt Ion:136 Resp: 816292
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 6.9 6.0 9.0
68 6.0 5.5 8.3

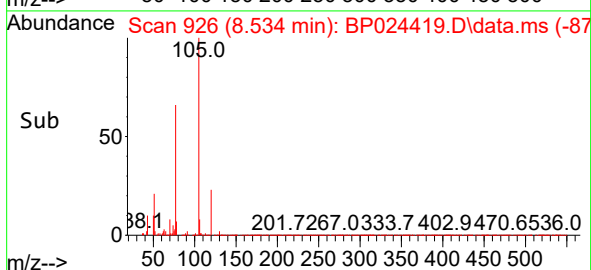
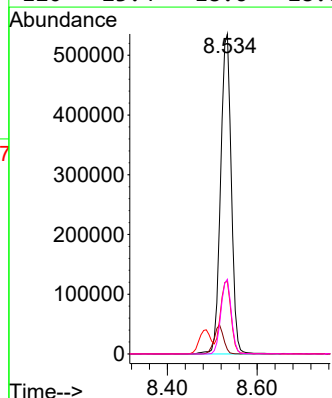
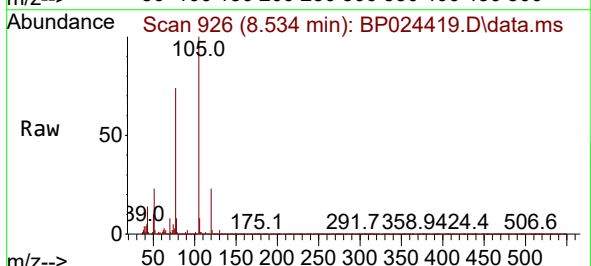
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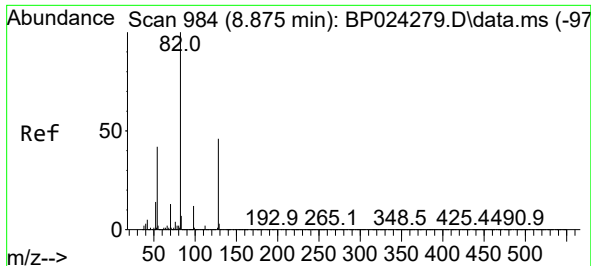
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#22
Acetophenone
Concen: 43.998 ng
RT: 8.534 min Scan# 926
Delta R.T. -0.006 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

Tgt Ion:105 Resp: 888920
Ion Ratio Lower Upper
105 100
71 1.4 1.7 2.5#
51 22.6 16.9 25.3
120 23.4 18.6 28.0





#23
Nitrobenzene-d5
Concen: 88.509 ng
RT: 8.863 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

Instrument :

BNA_P

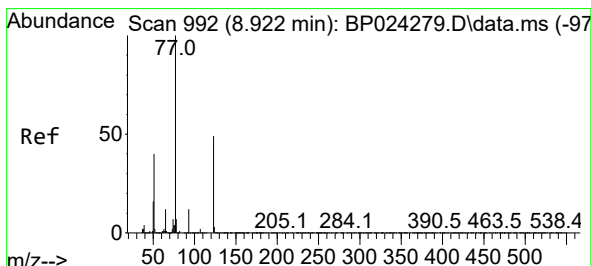
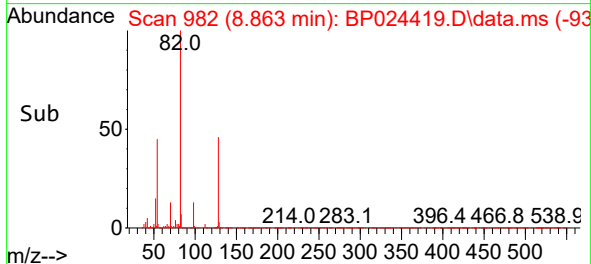
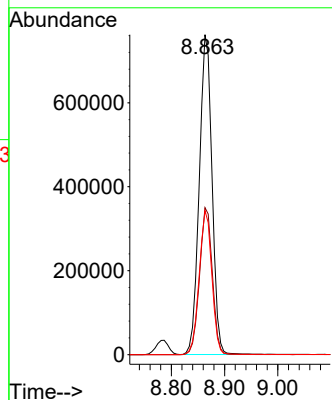
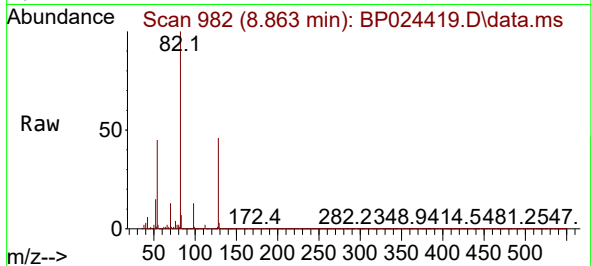
ClientSampleId :

PB167726BS

Tgt Ion: 82 Resp: 126705
Ion Ratio Lower Upper
82 100
128 46.0 36.5 54.7
54 45.0 33.4 50.2

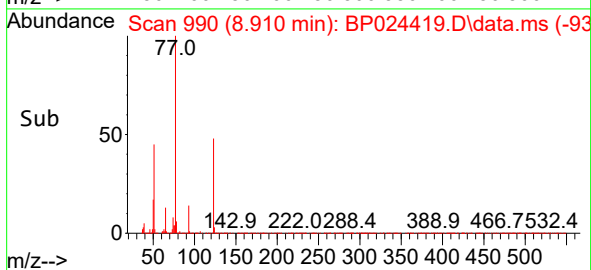
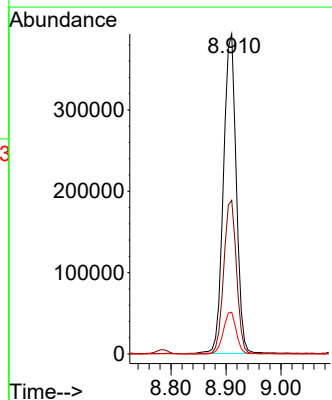
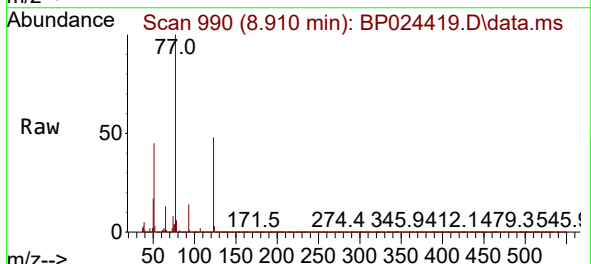
Manual Integrations
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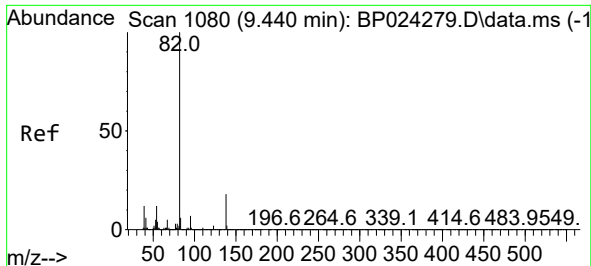
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#24
Nitrobenzene
Concen: 44.810 ng
RT: 8.910 min Scan# 990
Delta R.T. -0.000 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

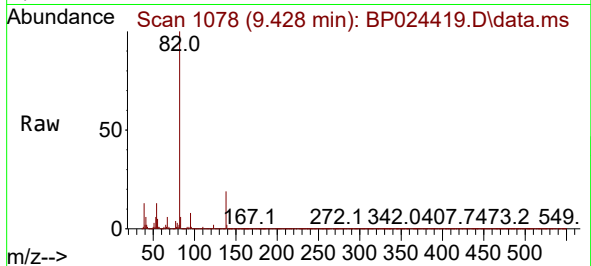
Tgt Ion: 77 Resp: 634594
Ion Ratio Lower Upper
77 100
123 48.1 39.2 58.8
65 13.1 9.8 14.6





#25
Isophorone
Concen: 45.991 ng
RT: 9.428 min Scan# 1109
Delta R.T. -0.000 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

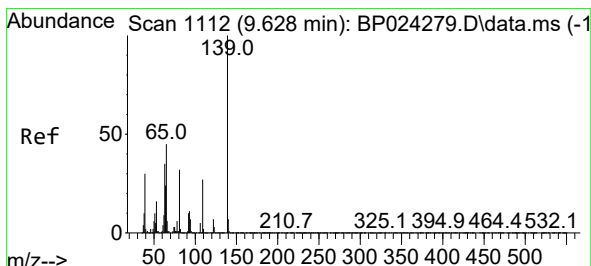
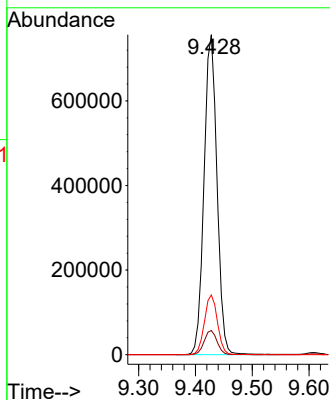
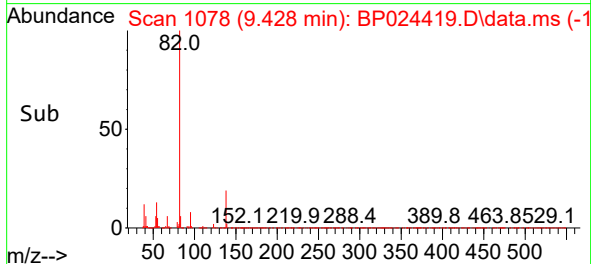
Instrument :
BNA_P
ClientSampleId :
PB167726BS



Tgt Ion: 82 Resp: 119173
Ion Ratio Lower Upper
82 100
95 7.5 5.4 8.2
138 18.7 14.4 21.6

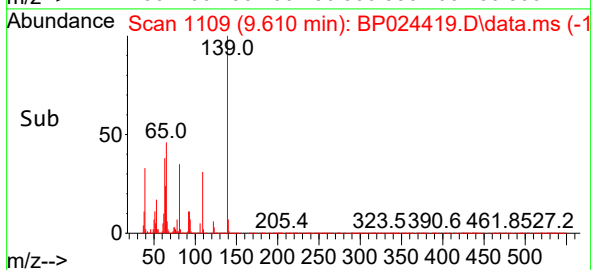
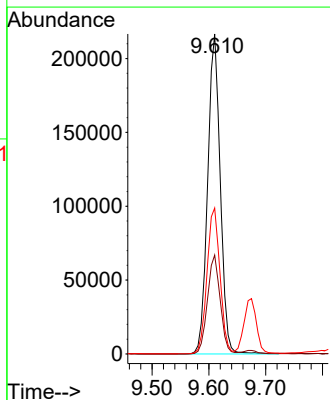
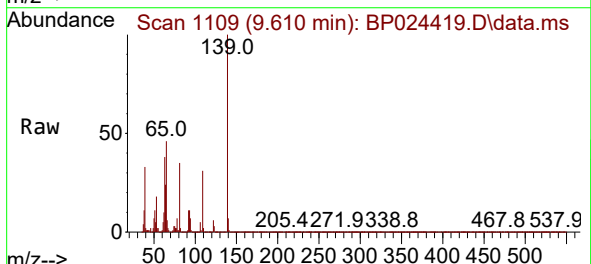
Manual Integrations
APPROVED

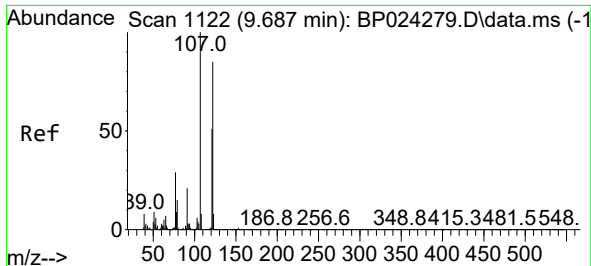
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#26
2-Nitrophenol
Concen: 48.001 ng
RT: 9.610 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

Tgt Ion:139 Resp: 332663
Ion Ratio Lower Upper
139 100
109 30.9 21.8 32.6
65 45.6 36.2 54.2





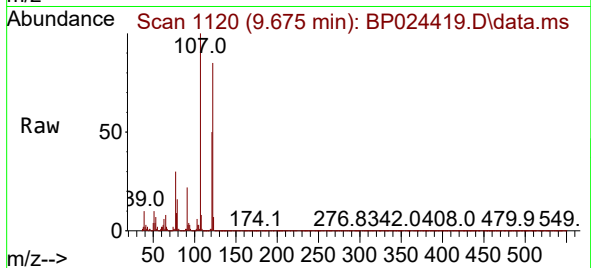
#27
2,4-Dimethylphenol
Concen: 66.678 ng
RT: 9.675 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

Instrument :

BNA_P

ClientSampleId :

PB167726BS



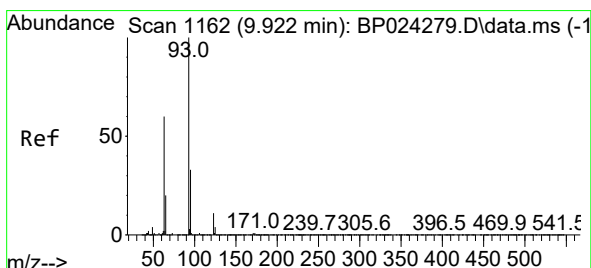
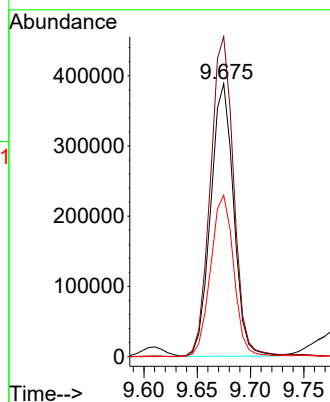
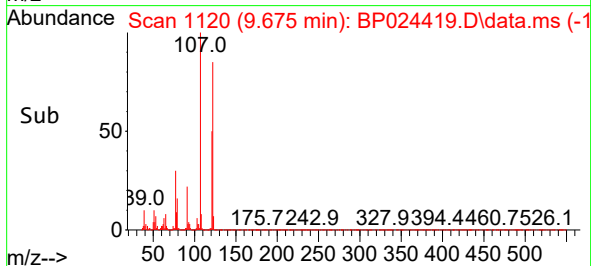
Tgt Ion:122 Resp: 580234
Ion Ratio Lower Upper
122 100
107 117.2 93.7 140.5
121 59.2 48.2 72.2

Manual Integrations

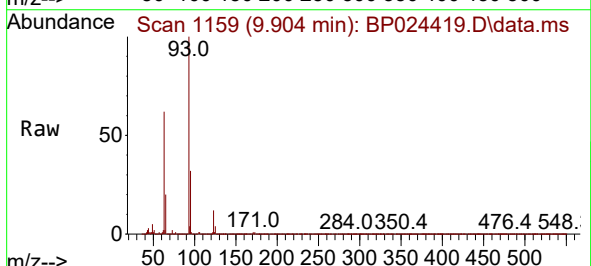
APPROVED

Reviewed By :Rahul Chavli 04/28/2025

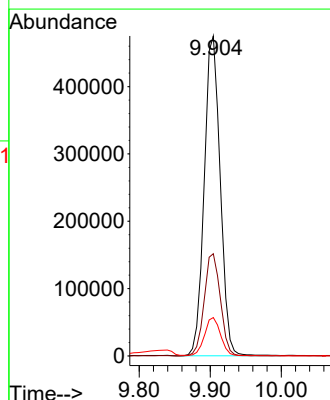
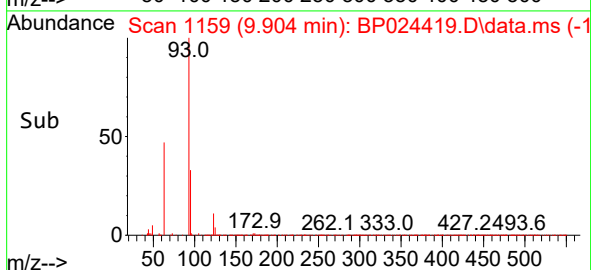
Supervised By :Jagrut Upadhyay 04/28/2025

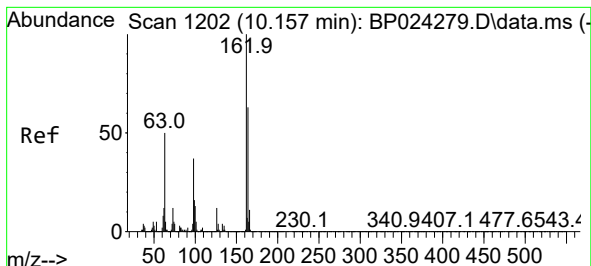


#28
bis(2-Chloroethoxy)methane
Concen: 42.544 ng
RT: 9.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21



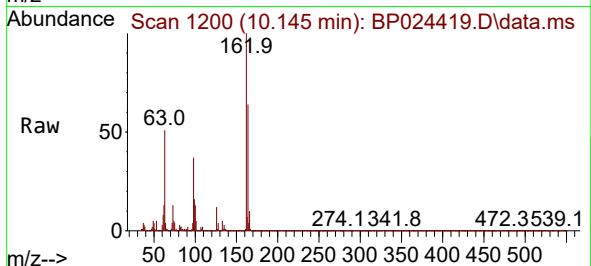
Tgt Ion: 93 Resp: 744714
Ion Ratio Lower Upper
93 100
95 32.0 26.0 39.0
123 12.0 9.1 13.7





#29
2,4-Dichlorophenol
Concen: 47.780 ng
RT: 10.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

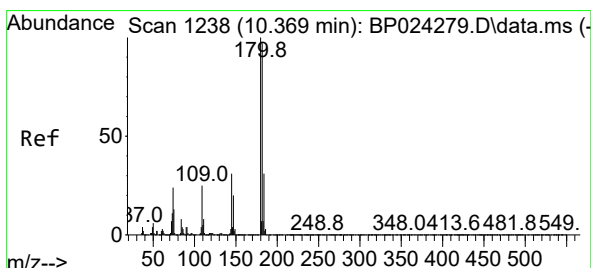
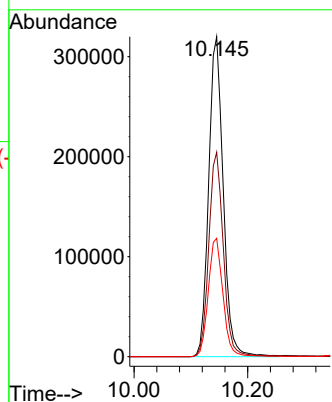
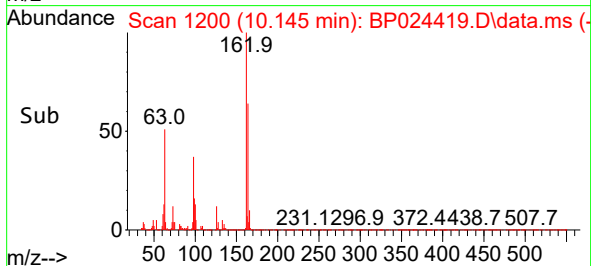
Instrument :
BNA_P
ClientSampleId :
PB167726BS



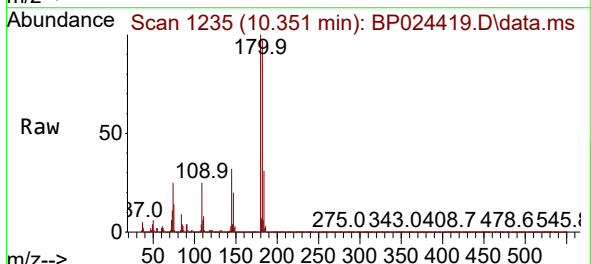
Tgt Ion:162 Resp: 56691
Ion Ratio Lower Upper
162 100
164 63.9 43.3 83.3
98 37.0 16.6 56.6

Manual Integrations
APPROVED

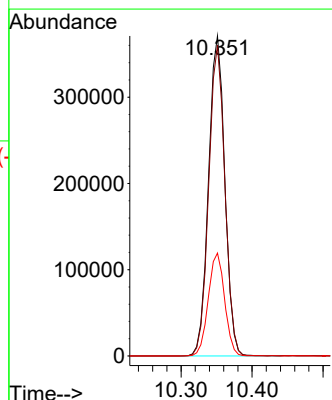
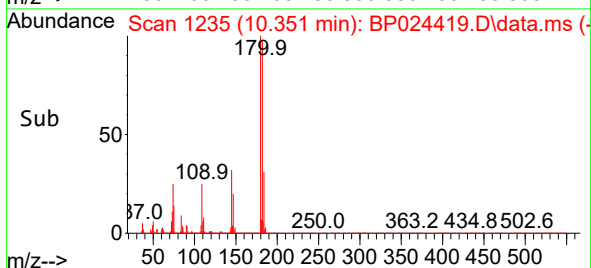
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025

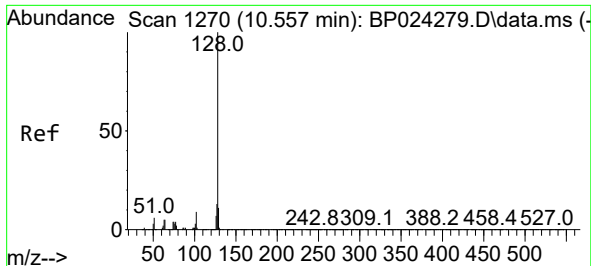


#30
1,2,4-Trichlorobenzene
Concen: 46.500 ng
RT: 10.351 min Scan# 1235
Delta R.T. -0.012 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21



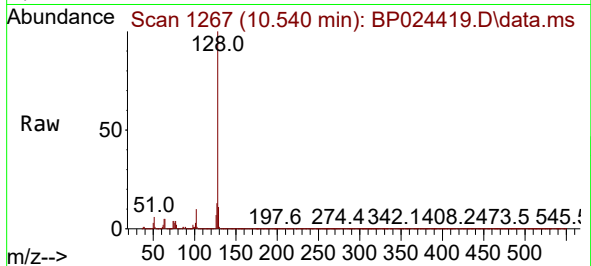
Tgt Ion:180 Resp: 591136
Ion Ratio Lower Upper
180 100
182 97.1 77.3 115.9
145 32.2 25.1 37.7





#31
Naphthalene
Concen: 43.562 ng
RT: 10.540 min Scan# 1127
Delta R.T. -0.006 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

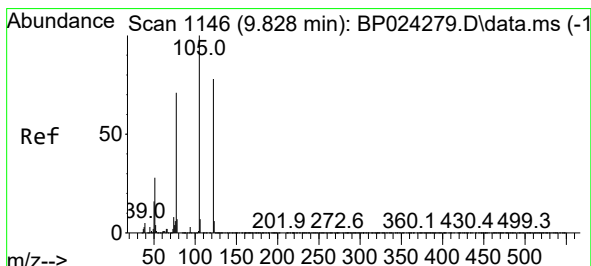
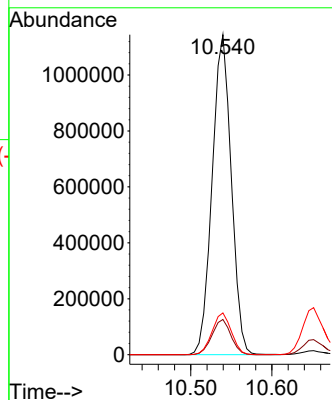
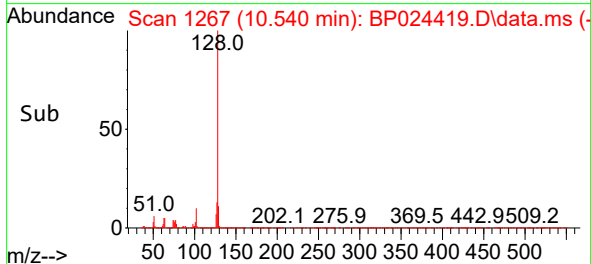
Instrument :
BNA_P
ClientSampleId :
PB167726BS



Tgt Ion:128 Resp: 187315
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.1 10.3 15.5

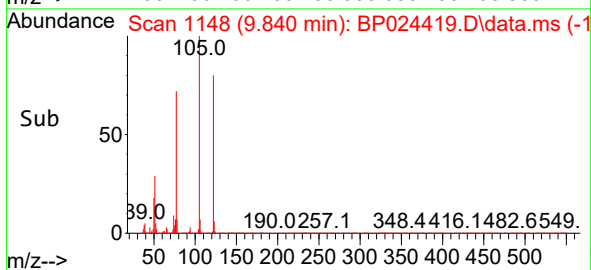
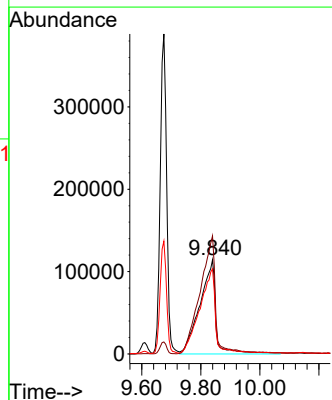
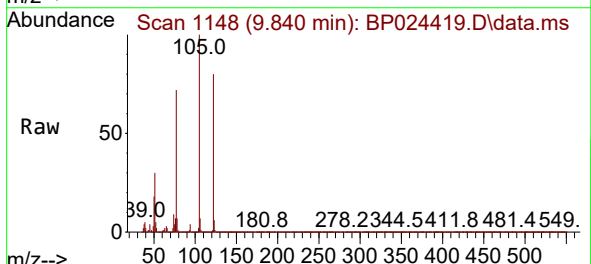
Manual Integrations
APPROVED

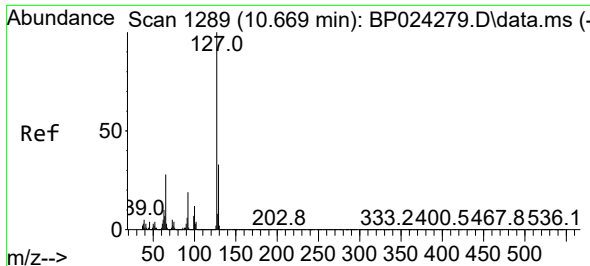
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#32
Benzoic acid
Concen: 42.707 ng m
RT: 9.840 min Scan# 1148
Delta R.T. 0.018 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

Tgt Ion:122 Resp: 433035
Ion Ratio Lower Upper
122 100
105 125.5 104.8 144.8
77 90.5 69.2 109.2





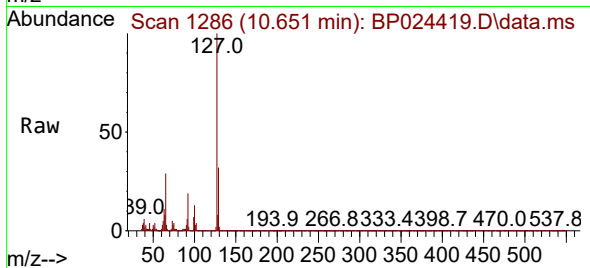
#33
4-Chloroaniline
Concen: 21.719 ng
RT: 10.651 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

Instrument :

BNA_P

ClientSampleId :

PB167726BS



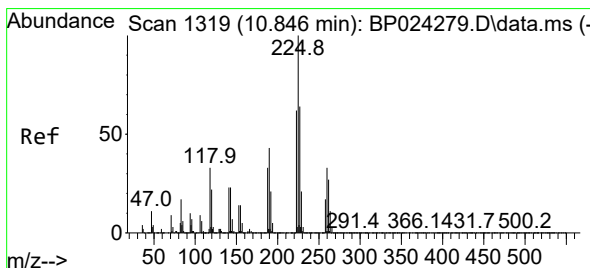
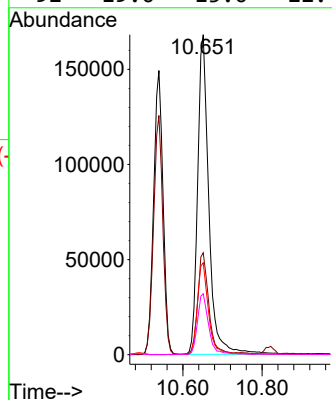
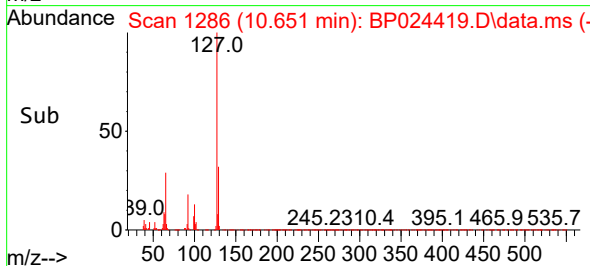
Tgt Ion:127 Resp: 328875
Ion Ratio Lower Upper
127 100
129 31.9 26.1 39.1
65 28.7 22.1 33.1
92 19.0 15.0 22.4

Manual Integrations

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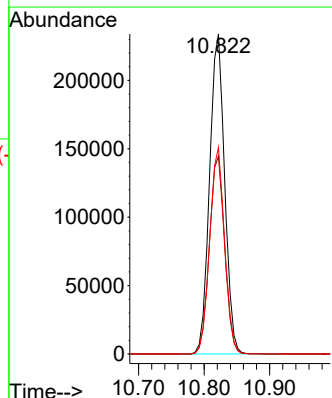
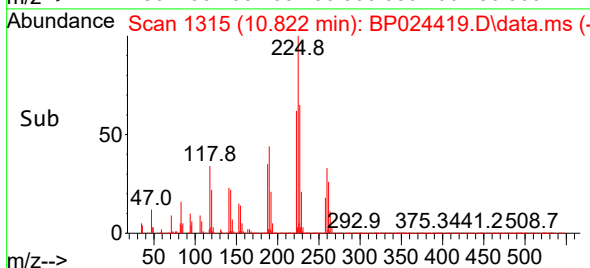
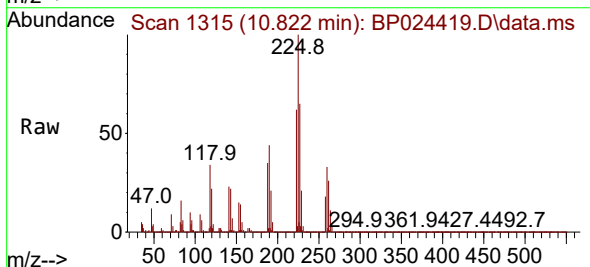
Reviewed By :Rahul Chavli 04/28/2025

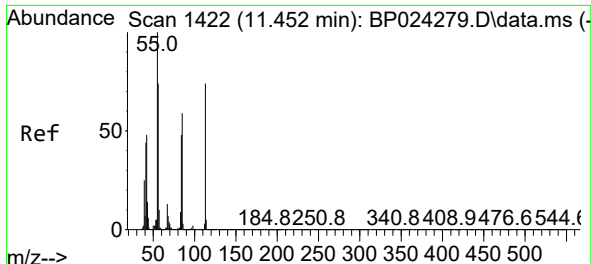
Supervised By :Jagrut Upadhyay 04/28/2025



#34
Hexachlorobutadiene
Concen: 49.920 ng
RT: 10.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

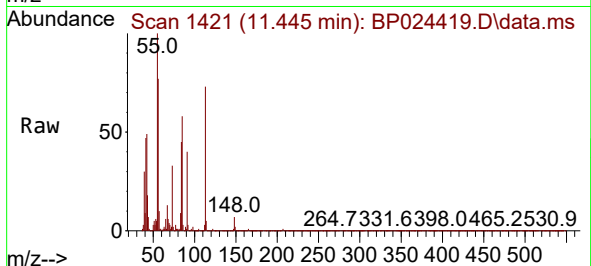
Tgt Ion:225 Resp: 372921
Ion Ratio Lower Upper
225 100
223 61.8 49.5 74.3
227 64.6 50.9 76.3





#35
Caprolactam
Concen: 44.062 ng
RT: 11.445 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

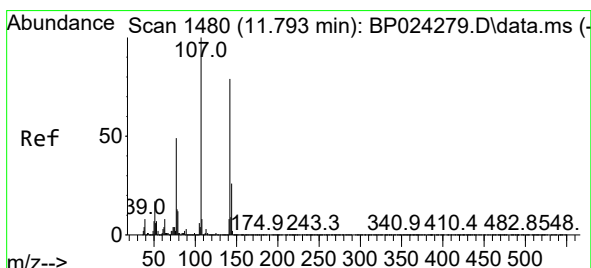
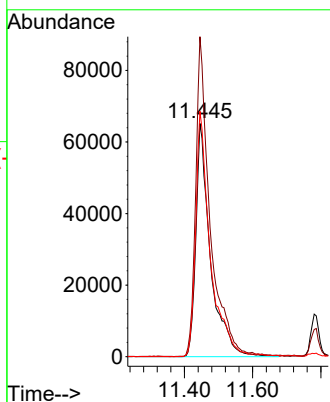
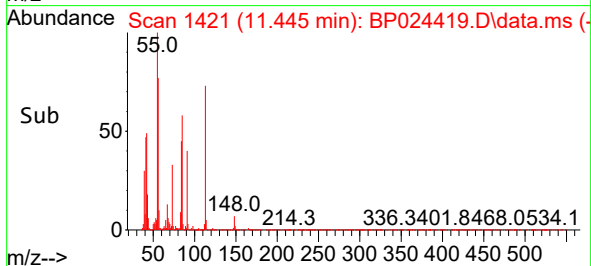
Instrument :
BNA_P
ClientSampleId :
PB167726BS



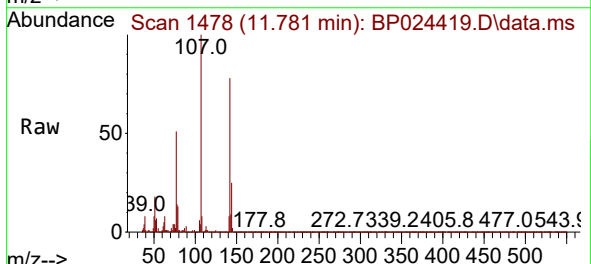
Tgt Ion:113 Resp: 19290
Ion Ratio Lower Upper
113 100
55 137.2 115.9 155.9
56 105.2 81.1 121.1

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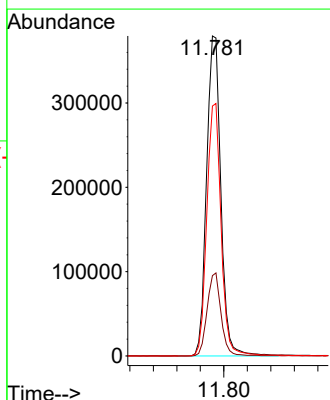
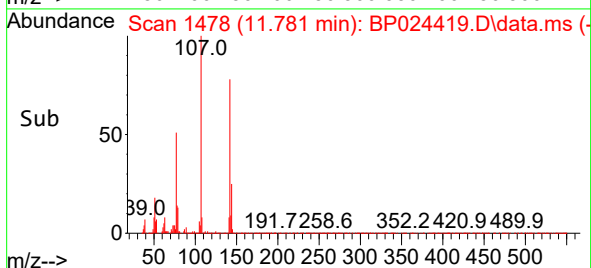
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025

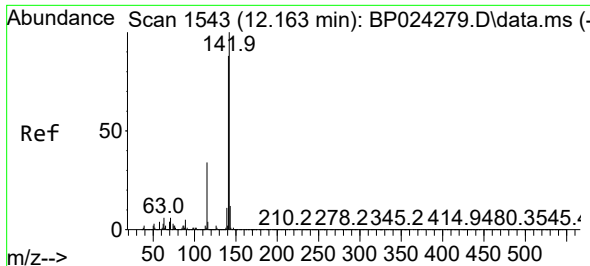


#36
4-Chloro-3-methylphenol
Concen: 46.404 ng
RT: 11.781 min Scan# 1478
Delta R.T. -0.012 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21



Tgt Ion:107 Resp: 641307
Ion Ratio Lower Upper
107 100
144 25.1 20.5 30.7
142 78.1 63.4 95.2





#37
2-Methylnaphthalene
Concen: 39.495 ng
RT: 12.145 min Scan# 1540
Delta R.T. -0.012 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

Instrument :

BNA_P

ClientSampleId :

PB167726BS

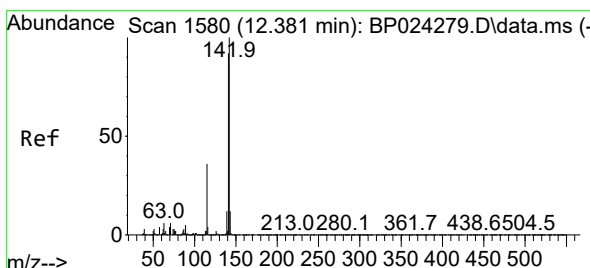
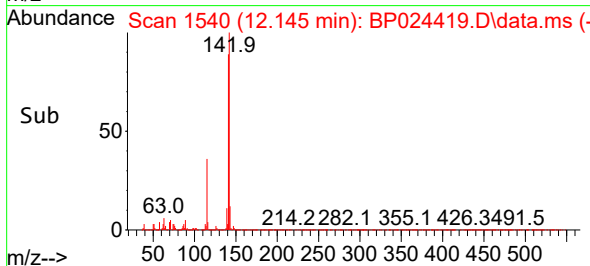
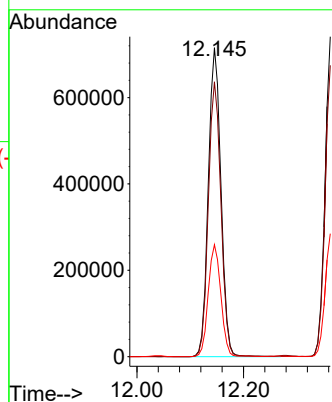
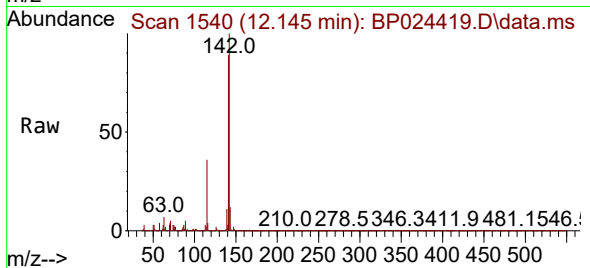
Tgt Ion:142 Resp: 117777
Ion Ratio Lower Upper
142 100
141 89.0 70.3 105.5
115 36.3 26.9 40.3

Manual Integrations

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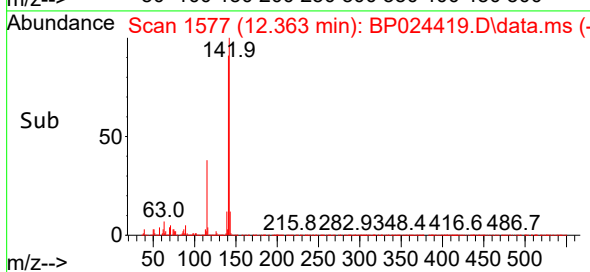
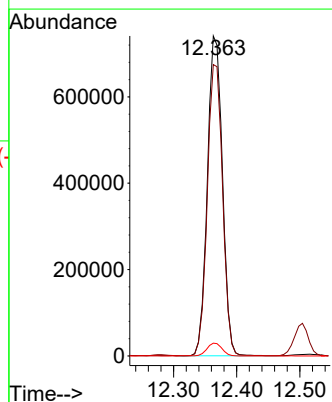
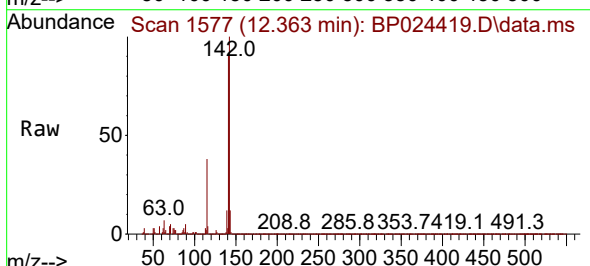
Reviewed By :Rahul Chavli 04/28/2025

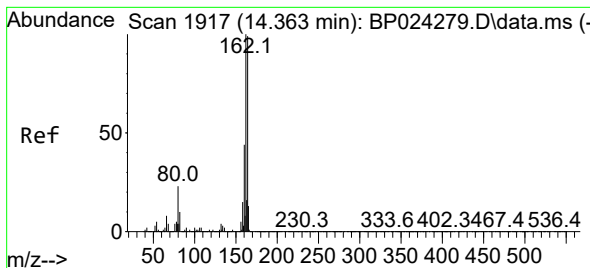
Supervised By :Jagrut Upadhyay 04/28/2025



#38
1-Methylnaphthalene
Concen: 41.979 ng
RT: 12.363 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

Tgt Ion:142 Resp: 1224665
Ion Ratio Lower Upper
142 100
141 91.1 73.6 110.4
116 4.0 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.339 min Scan# 1917

Delta R.T. -0.012 min

Lab File: BP024419.D

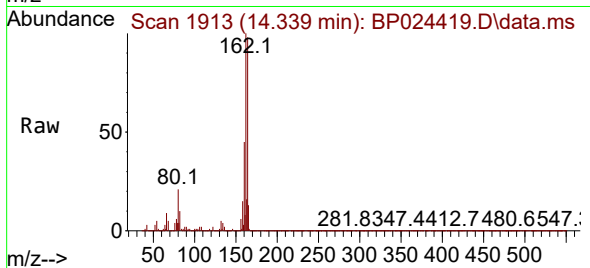
Acq: 25 Apr 2025 12:21

Instrument :

BNA_P

ClientSampleId :

PB167726BS



Tgt Ion:164 Resp: 50404

Ion Ratio Lower Upper

164 100

162 101.6 80.6 120.8

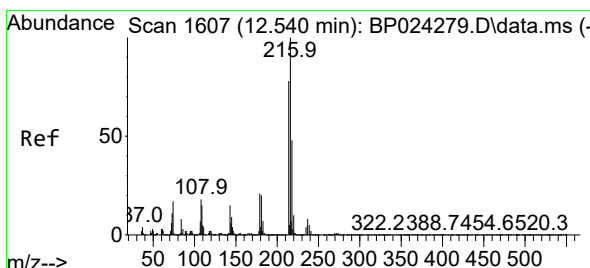
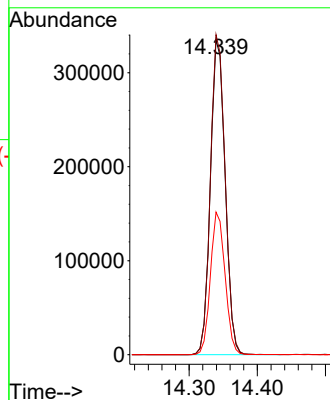
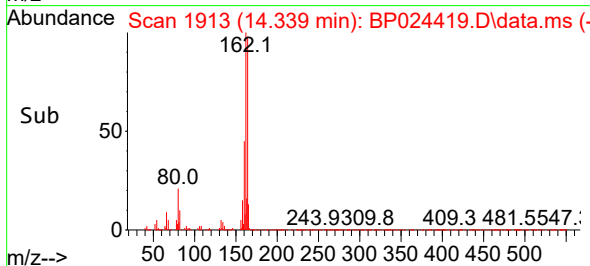
160 45.3 35.3 52.9

Manual Integrations

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Reviewed By :Rahul Chavli 04/28/2025

Supervised By :Jagrut Upadhyay 04/28/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.870 ng

RT: 12.522 min Scan# 1604

Delta R.T. -0.006 min

Lab File: BP024419.D

Acq: 25 Apr 2025 12:21

Tgt Ion:216 Resp: 649683

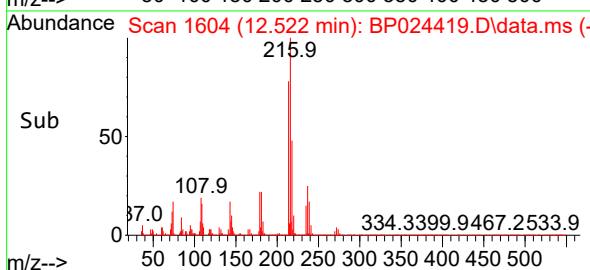
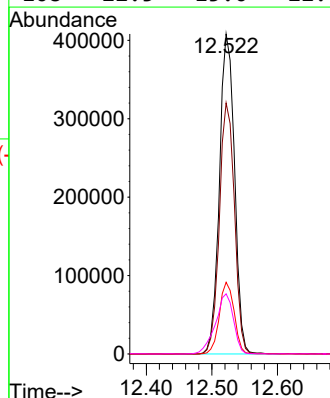
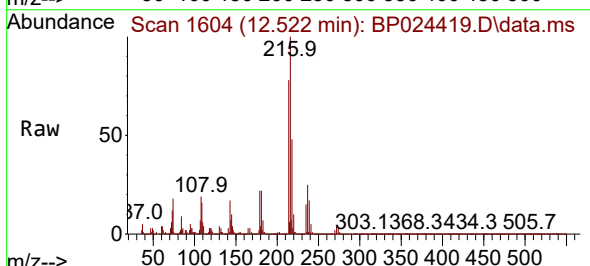
Ion Ratio Lower Upper

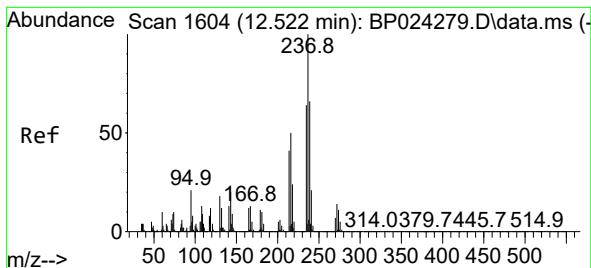
216 100

214 78.6 62.6 93.8

179 22.0 17.2 25.8

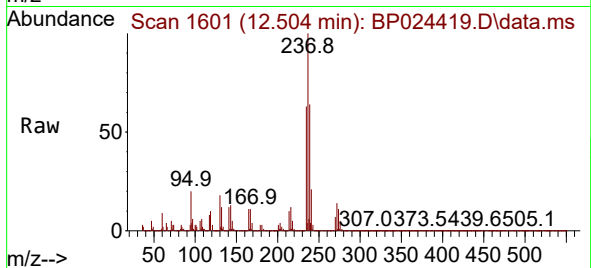
108 22.5 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 194.511 ng
RT: 12.504 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

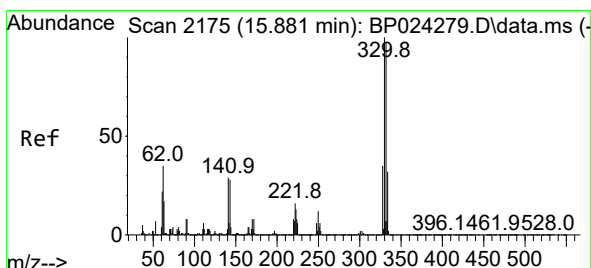
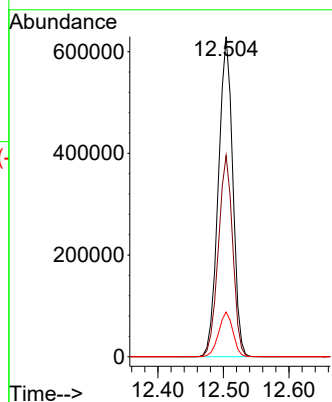
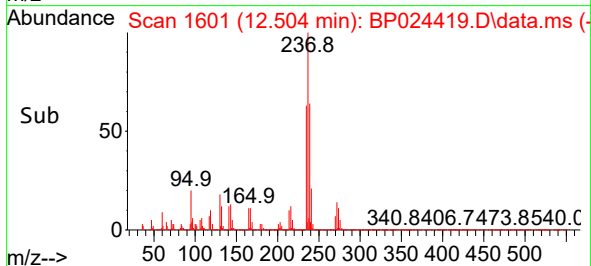
Instrument :
BNA_P
ClientSampleId :
PB167726BS



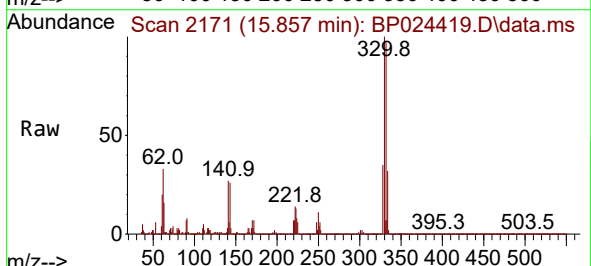
Tgt Ion: 237 Resp: 953564
Ion Ratio Lower Upper
237 100
235 62.9 43.9 83.9
272 13.9 0.0 33.6

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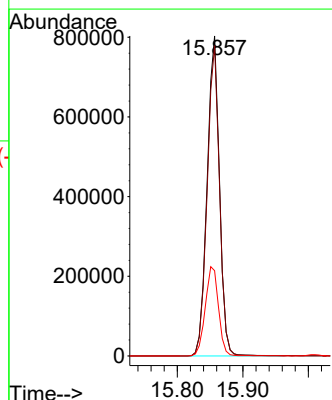
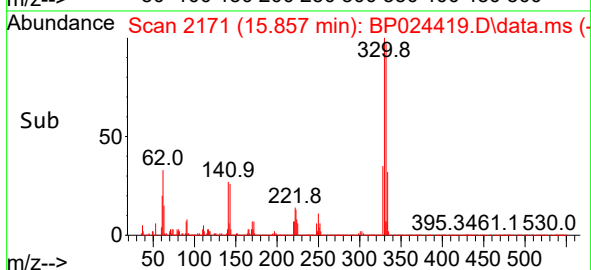
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025

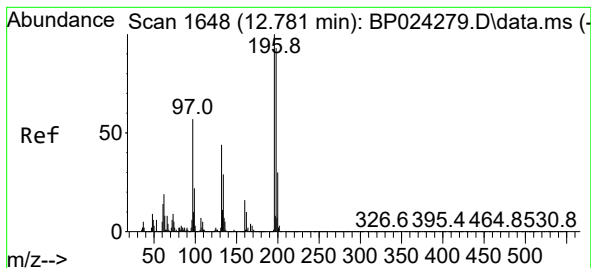


#42
2,4,6-Tribromophenol
Concen: 151.317 ng
RT: 15.857 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21



Tgt Ion: 330 Resp: 1055240
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 29.9 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 49.794 ng

RT: 12.769 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024419.D

Acq: 25 Apr 2025 12:21

Instrument :

BNA_P

ClientSampleId :

PB167726BS

Tgt Ion:196 Resp: 45888

Ion Ratio Lower Upper

196 100

198 95.1 74.3 111.5

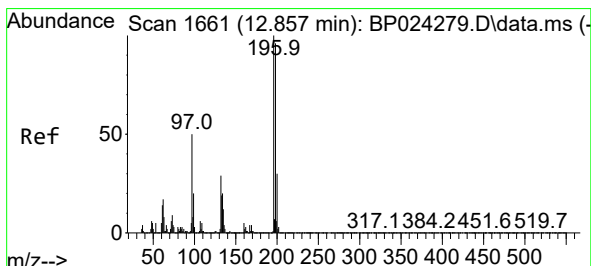
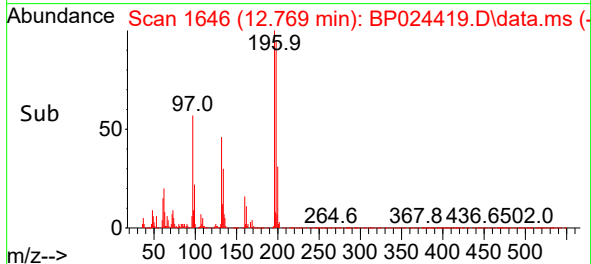
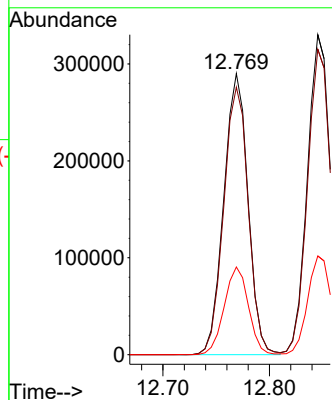
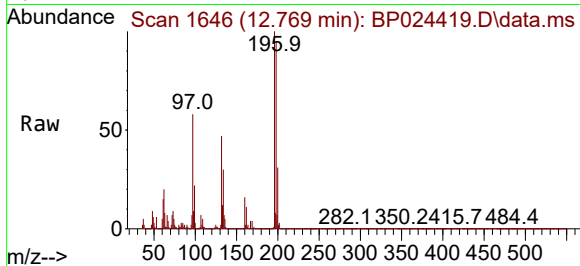
200 31.2 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/28/2025

Supervised By :Jagrut Upadhyay 04/28/2025



#44

2,4,5-Trichlorophenol

Concen: 49.742 ng

RT: 12.845 min Scan# 1659

Delta R.T. -0.012 min

Lab File: BP024419.D

Acq: 25 Apr 2025 12:21

Tgt Ion:196 Resp: 507633

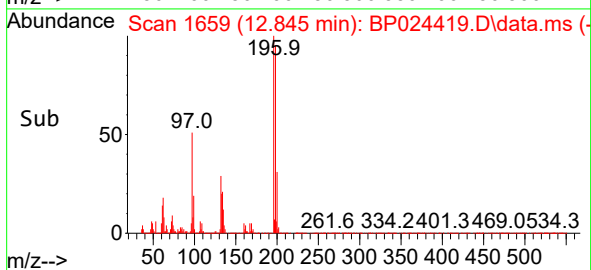
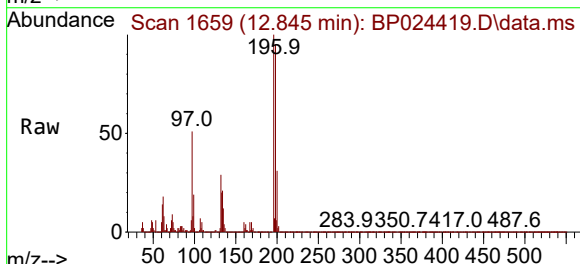
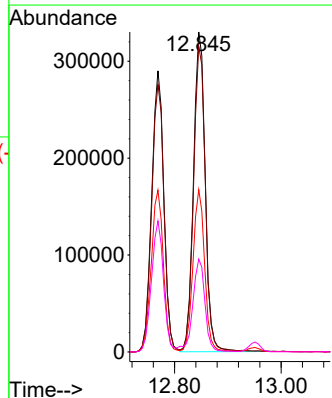
Ion Ratio Lower Upper

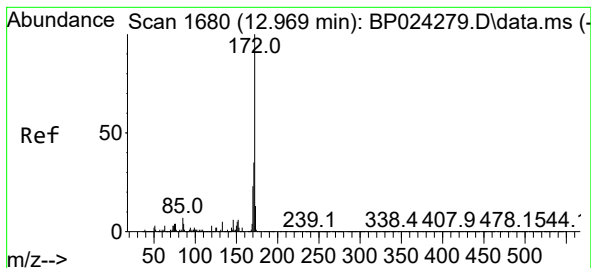
196 100

198 95.5 77.3 115.9

97 50.7 40.4 60.6

132 29.0 23.4 35.0





#45
2-Fluorobiphenyl
Concen: 89.063 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.012 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

Instrument :

BNA_P

ClientSampleId :

PB167726BS

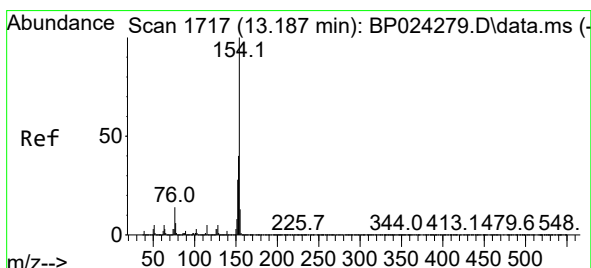
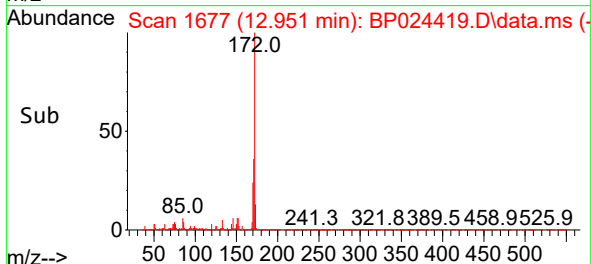
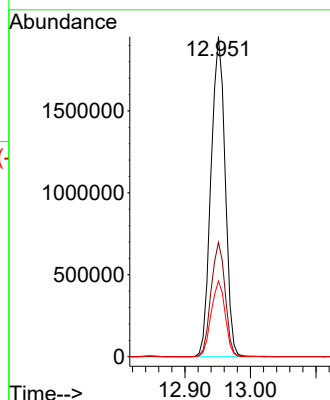
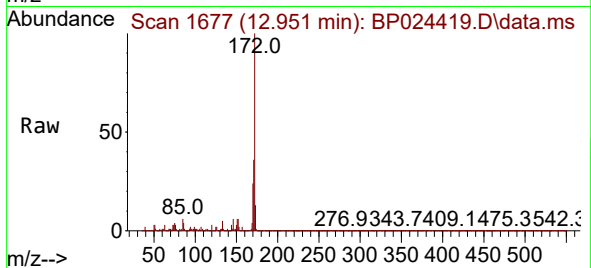
Tgt Ion:172 Resp: 2931970
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.2
170 23.6 18.6 27.8

Manual Integrations

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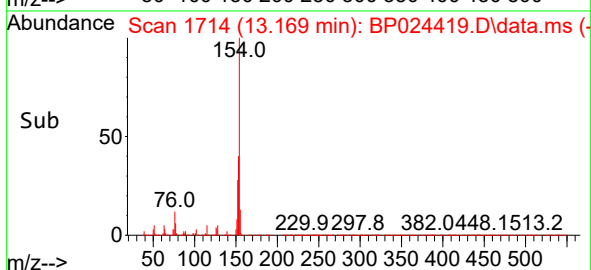
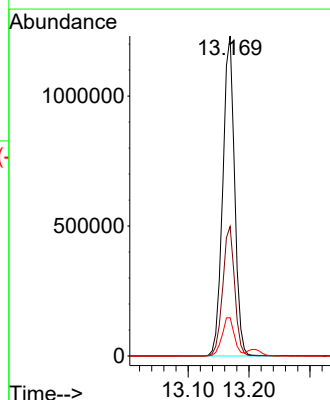
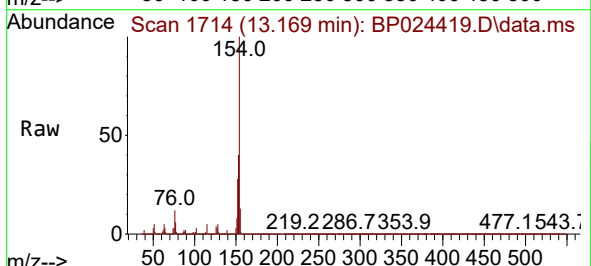
Reviewed By :Rahul Chavli 04/28/2025

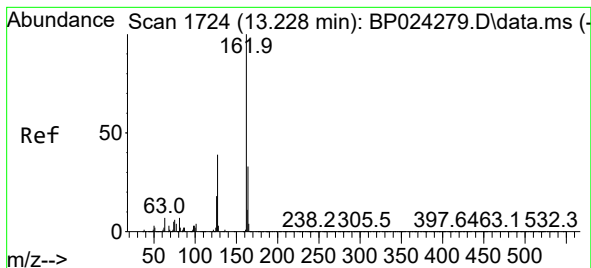
Supervised By :Jagrut Upadhyay 04/28/2025



#46
1,1'-Biphenyl
Concen: 44.835 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

Tgt Ion:154 Resp: 1661121
Ion Ratio Lower Upper
154 100
153 40.5 20.3 60.3
76 11.9 0.0 33.5





#47

2-Chloronaphthalene

Concen: 45.725 ng

RT: 13.210 min Scan# 1721

Delta R.T. -0.006 min

Lab File: BP024419.D

Acq: 25 Apr 2025 12:21

Instrument :

BNA_P

ClientSampleId :

PB167726BS

Tgt Ion:162 Resp: 126615

Ion Ratio Lower Upper

162 100

127 41.9 31.9 47.9

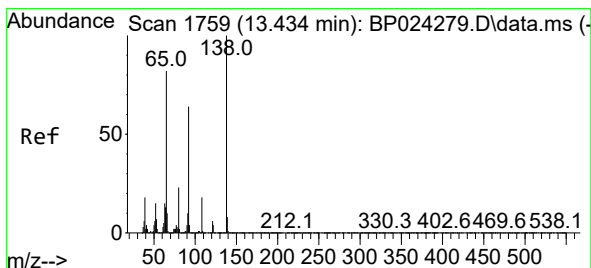
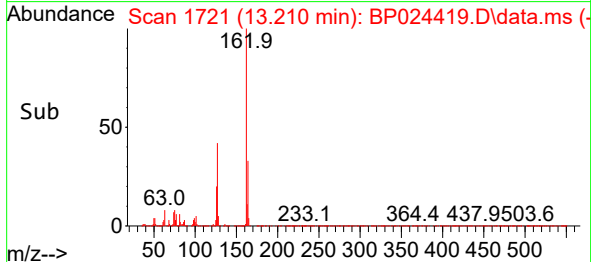
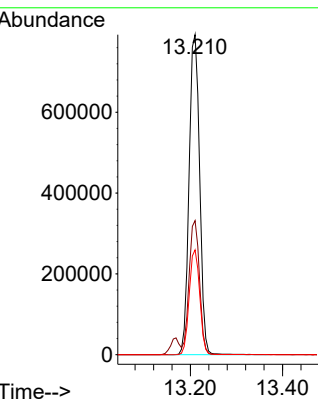
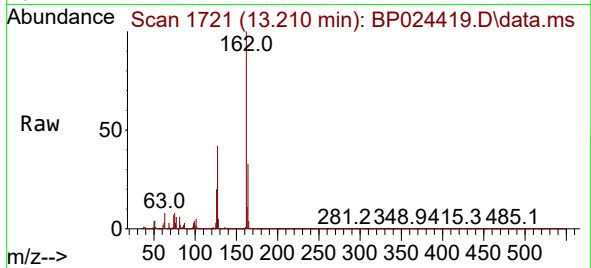
164 32.8 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/28/2025

Supervised By :Jagrut Upadhyay 04/28/2025



#48

2-Nitroaniline

Concen: 49.133 ng

RT: 13.416 min Scan# 1756

Delta R.T. -0.006 min

Lab File: BP024419.D

Acq: 25 Apr 2025 12:21

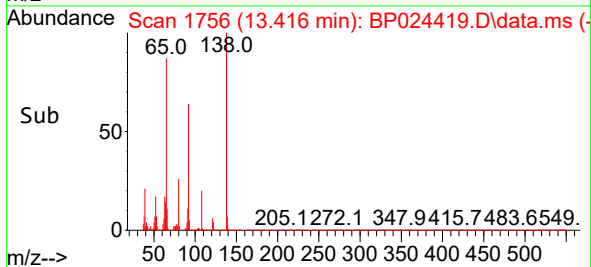
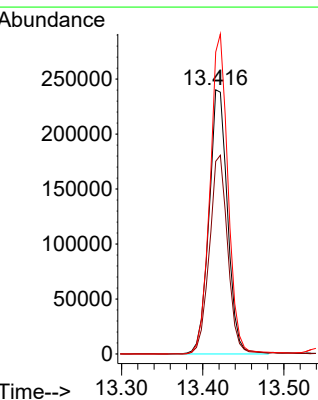
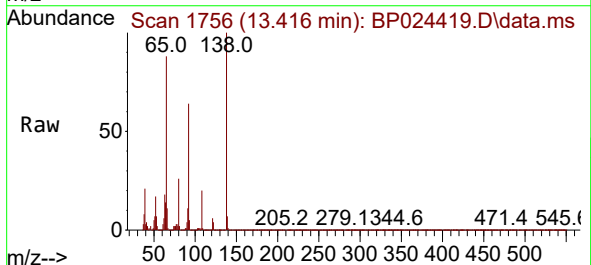
Tgt Ion: 65 Resp: 381633

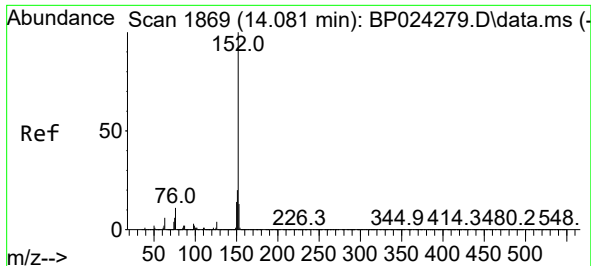
Ion Ratio Lower Upper

65 100

92 72.9 62.3 93.5

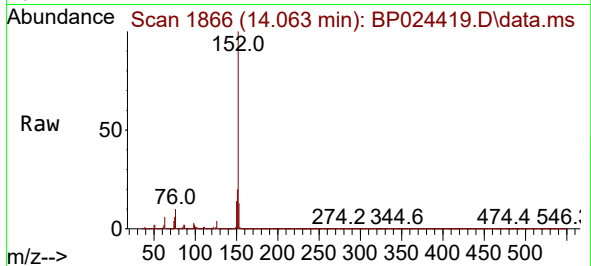
138 114.2 97.2 145.8





#49
Acenaphthylene
Concen: 49.240 ng
RT: 14.063 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

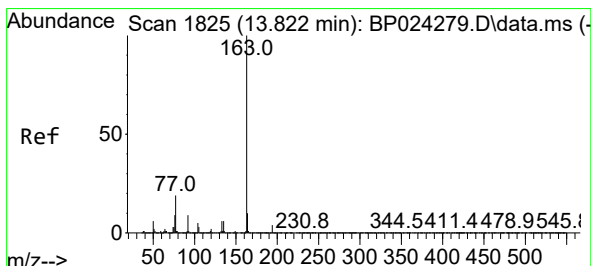
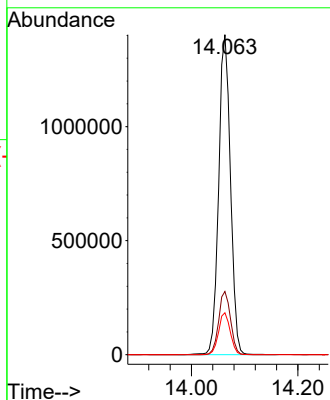
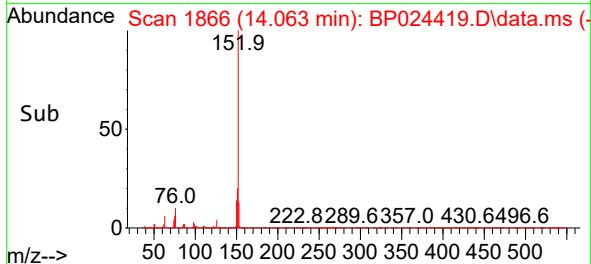
Instrument :
BNA_P
ClientSampleId :
PB167726BS



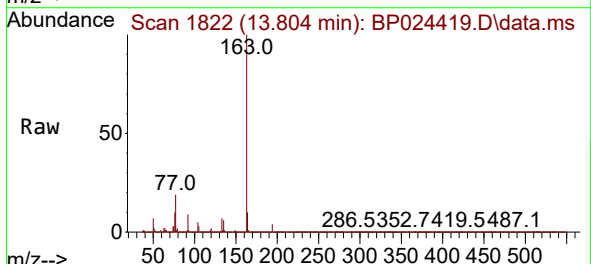
Tgt Ion:152 Resp: 2146710
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.1 10.6 15.8

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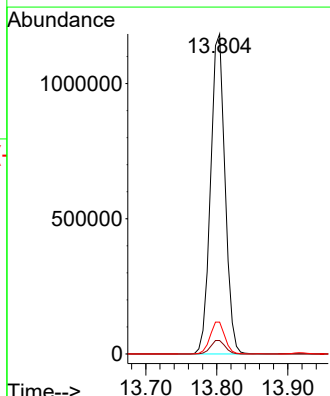
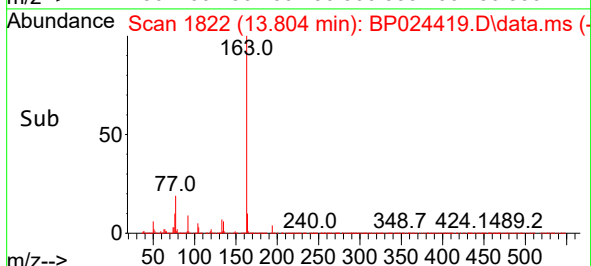
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025

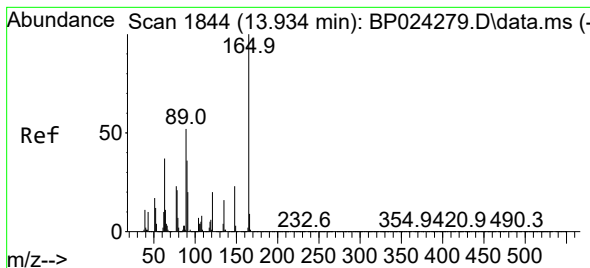


#50
Dimethylphthalate
Concen: 45.559 ng
RT: 13.804 min Scan# 1822
Delta R.T. -0.006 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21



Tgt Ion:163 Resp: 1669962
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.0 8.0 12.0





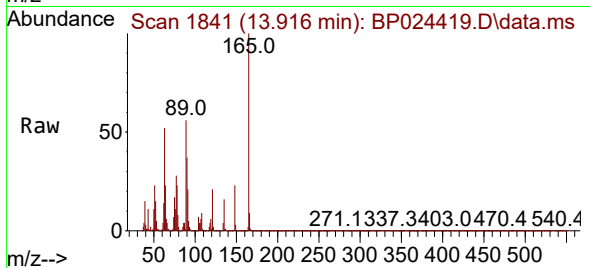
#51
2,6-Dinitrotoluene
Concen: 47.258 ng
RT: 13.916 min Scan# 1841
Delta R.T. -0.012 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

Instrument :

BNA_P

ClientSampleId :

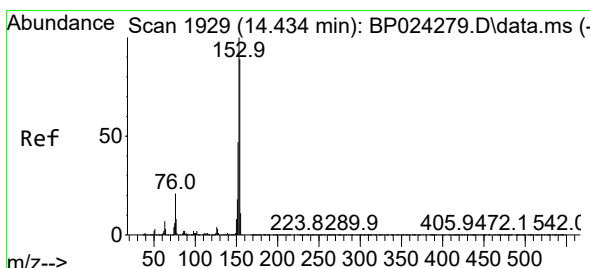
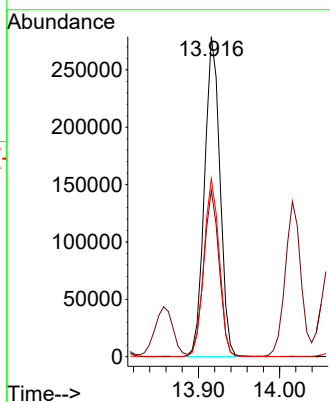
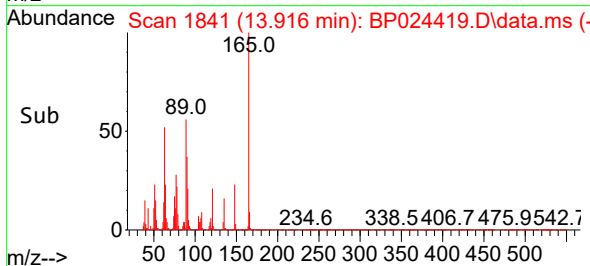
PB167726BS



Tgt Ion:165 Resp: 367839
Ion Ratio Lower Upper
165 100
63 52.0 38.0 57.0
89 55.6 41.7 62.5

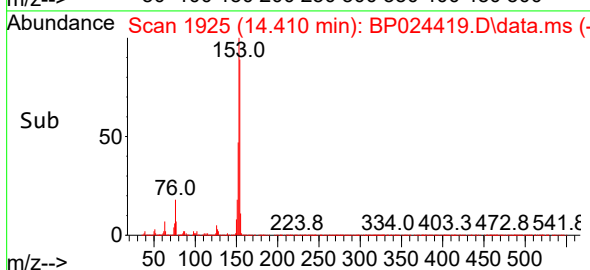
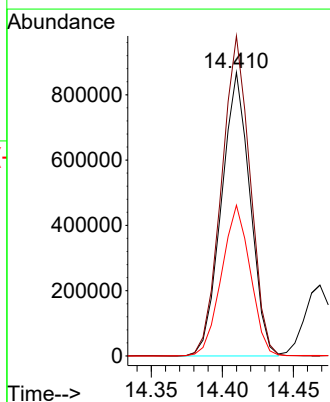
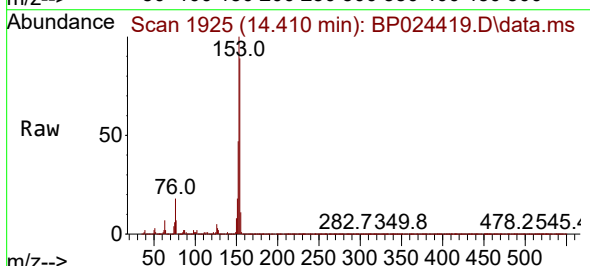
Manual Integrations
APPROVED

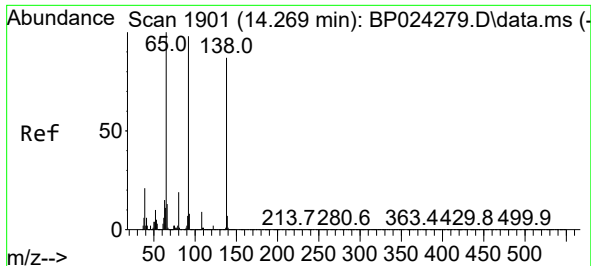
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#52
Acenaphthene
Concen: 43.894 ng
RT: 14.410 min Scan# 1925
Delta R.T. -0.012 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

Tgt Ion:154 Resp: 1213184
Ion Ratio Lower Upper
154 100
153 112.9 89.8 134.6
152 53.2 42.6 63.8





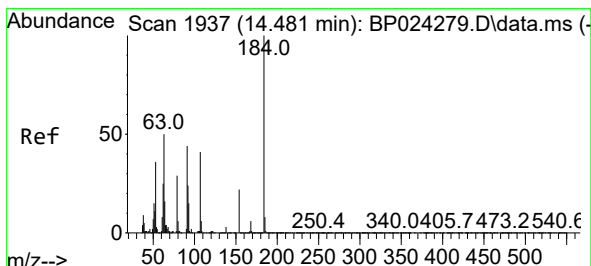
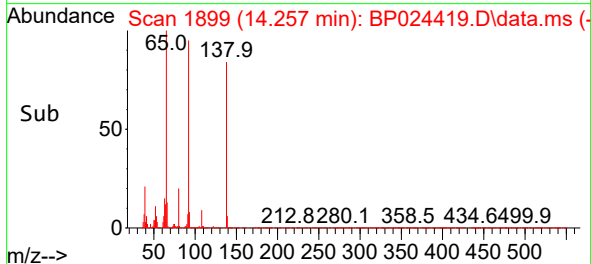
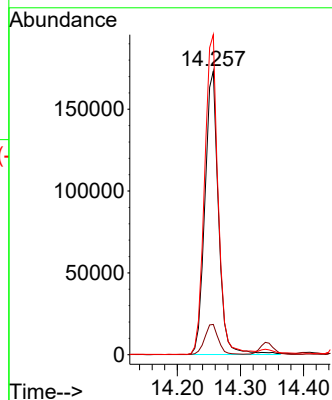
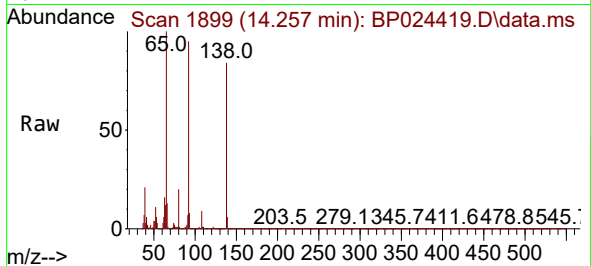
#53
3-Nitroaniline
Concen: 31.680 ng
RT: 14.257 min Scan# 1899
Delta R.T. -0.006 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

Instrument :
BNA_P
ClientSampleId :
PB167726BS

Tgt Ion:138 Resp: 25916
Ion Ratio Lower Upper
138 100
108 10.7 8.3 12.5
92 112.9 89.8 134.8

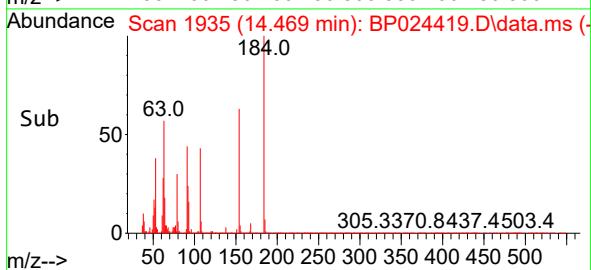
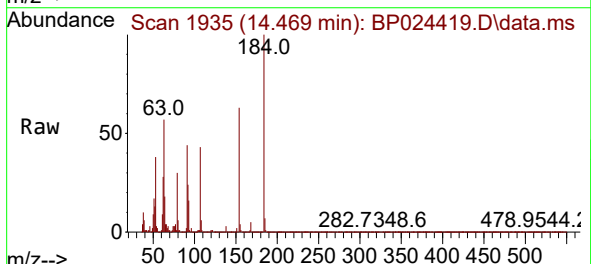
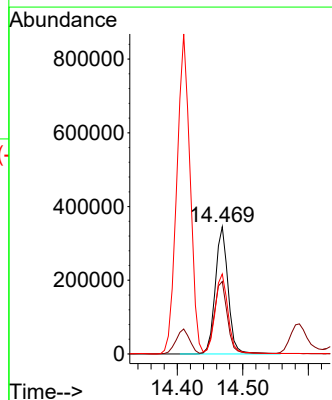
Manual Integrations
APPROVED

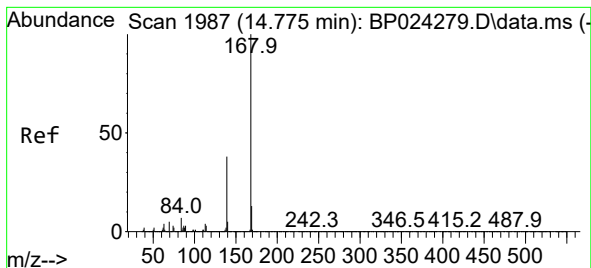
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#54
2,4-Dinitrophenol
Concen: 101.985 ng
RT: 14.469 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

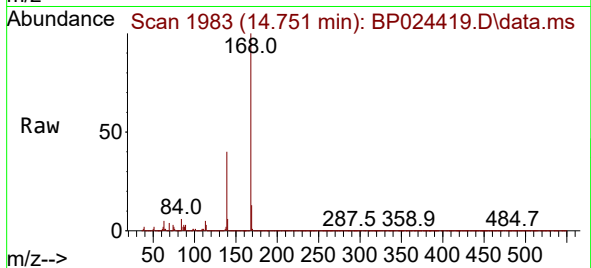
Tgt Ion:184 Resp: 467594
Ion Ratio Lower Upper
184 100
63 57.0 42.6 64.0
154 62.9 47.2 70.8





#55
Dibenzenofuran
Concen: 42.904 ng
RT: 14.751 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

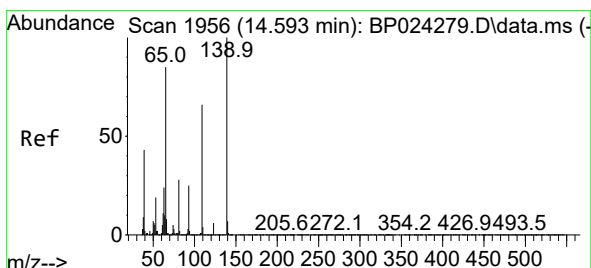
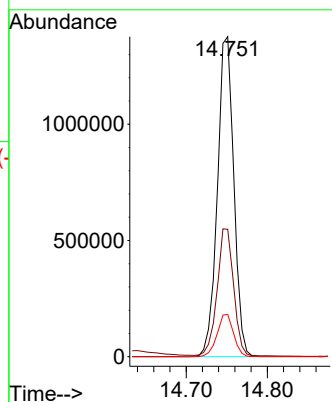
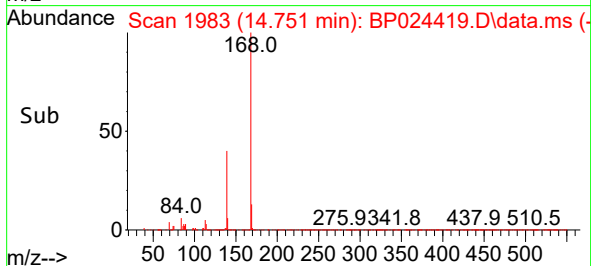
Instrument :
BNA_P
ClientSampleId :
PB167726BS



Tgt Ion:168 Resp: 193831
Ion Ratio Lower Upper
168 100
139 39.8 30.3 45.5
169 13.2 10.6 16.0

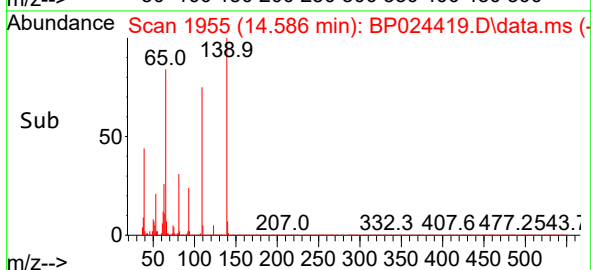
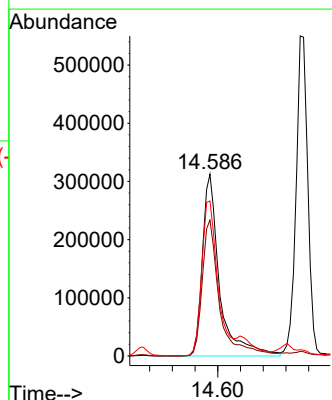
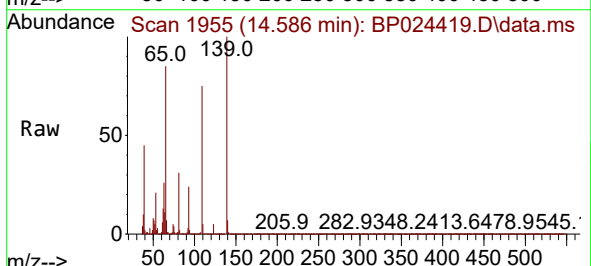
Manual Integrations
APPROVED

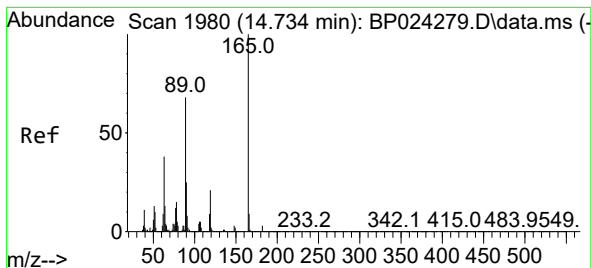
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#56
4-Nitrophenol
Concen: 92.841 ng
RT: 14.586 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

Tgt Ion:139 Resp: 655945
Ion Ratio Lower Upper
139 100
109 74.7 46.1 86.1
65 85.3 65.0 105.0





#57
2,4-Dinitrotoluene
Concen: 49.914 ng
RT: 14.722 min Scan# 1980
Delta R.T. -0.000 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

Instrument :

BNA_P

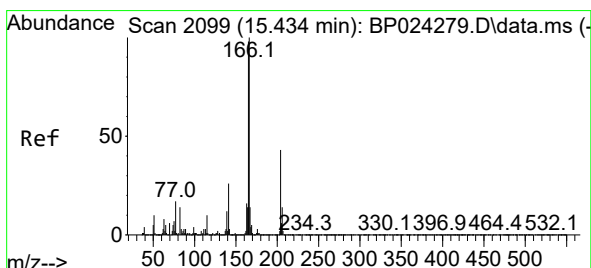
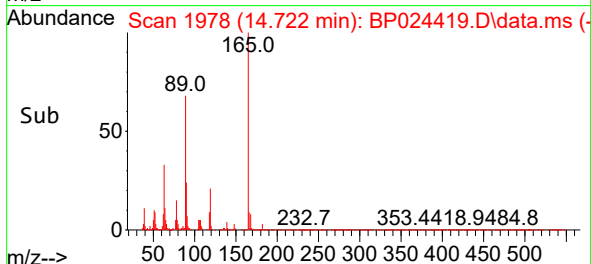
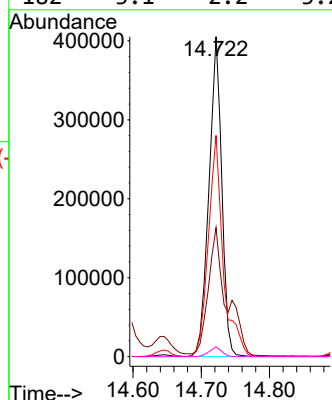
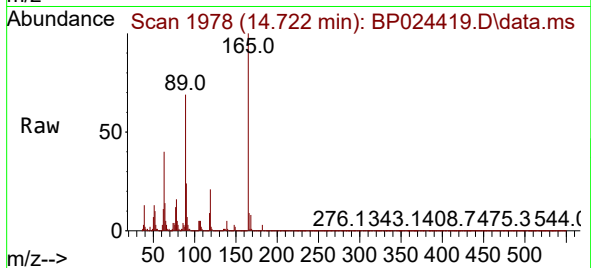
ClientSampleId :

PB167726BS

Tgt Ion:165 Resp: 529974
Ion Ratio Lower Upper
165 100
63 40.3 30.4 45.6
89 69.2 54.6 82.0
182 3.1 2.2 3.2

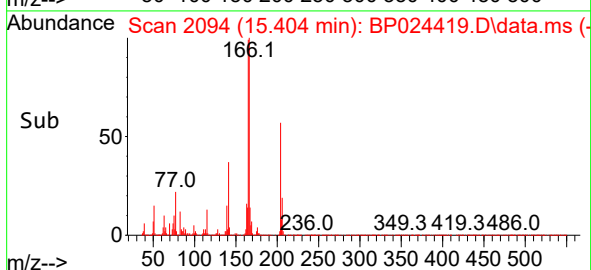
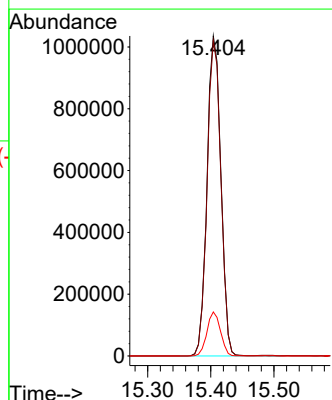
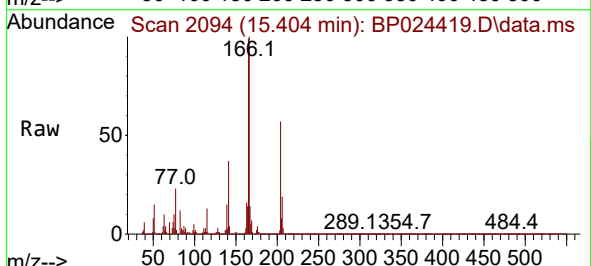
Manual Integrations
APPROVED

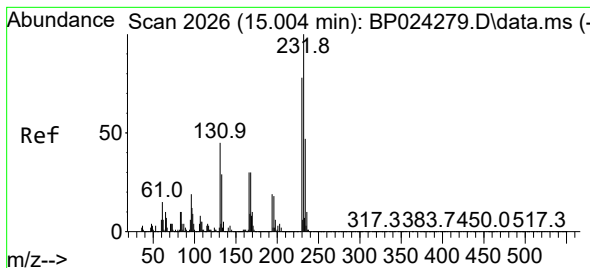
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#58
Fluorene
Concen: 45.207 ng
RT: 15.404 min Scan# 2094
Delta R.T. -0.012 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

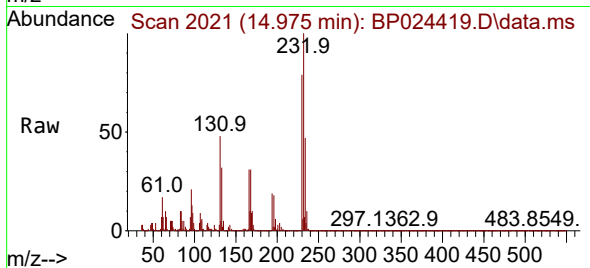
Tgt Ion:166 Resp: 1581034
Ion Ratio Lower Upper
166 100
165 98.6 78.1 117.1
167 13.8 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.025 ng
RT: 14.975 min Scan# 2021
Delta R.T. -0.018 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

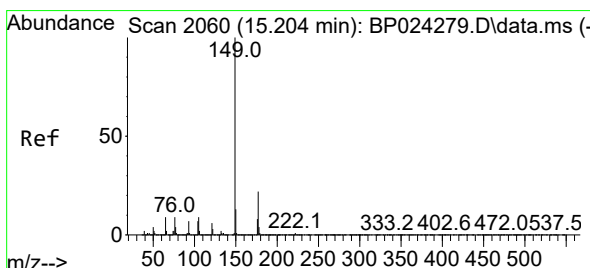
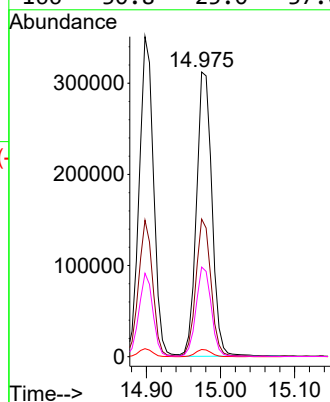
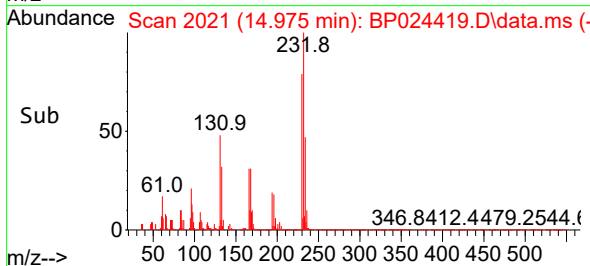
Instrument :
BNA_P
ClientSampleId :
PB167726BS



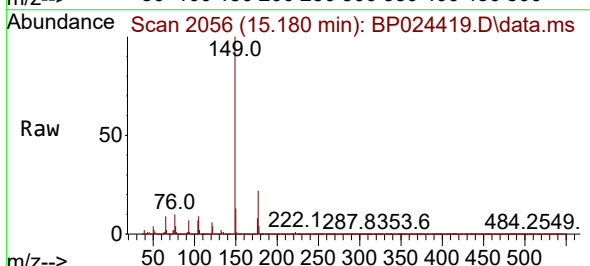
Tgt Ion:232 Resp: 452031
Ion Ratio Lower Upper
232 100
131 47.1 36.8 55.2
130 2.6 1.9 2.9
166 30.8 25.0 37.6

Manual Integrations
APPROVED

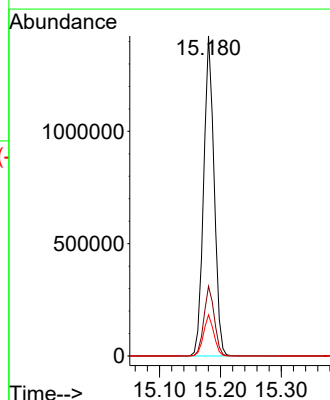
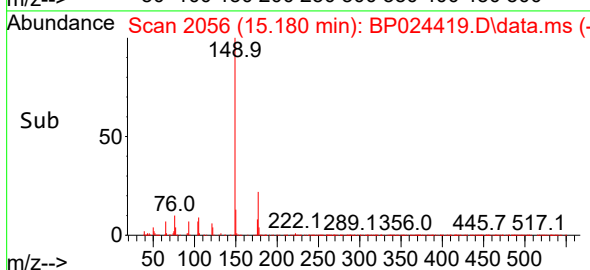
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025

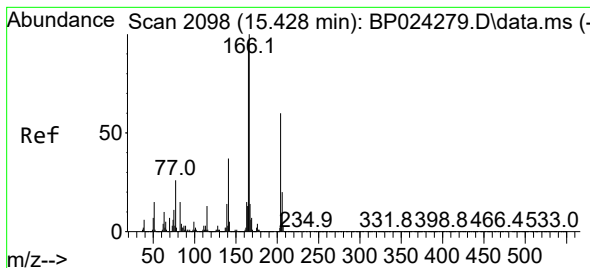


#60
Diethylphthalate
Concen: 45.054 ng
RT: 15.180 min Scan# 2056
Delta R.T. -0.012 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21



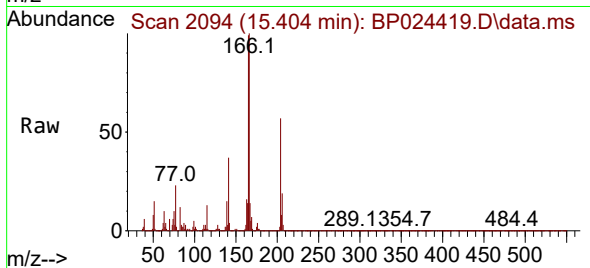
Tgt Ion:149 Resp: 1701845
Ion Ratio Lower Upper
149 100
177 21.8 17.4 26.2
150 12.9 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 46.159 ng
RT: 15.404 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

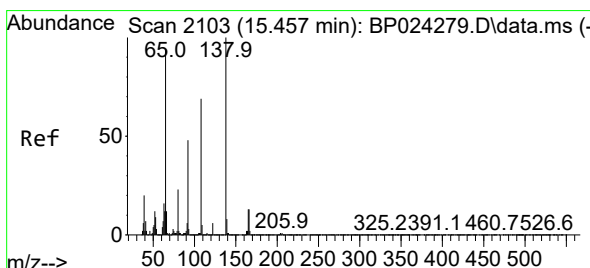
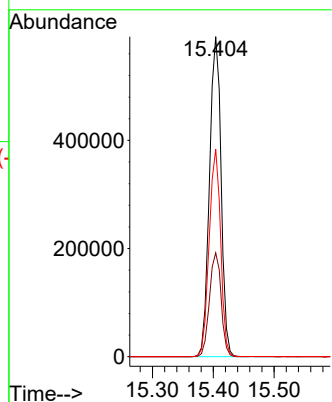
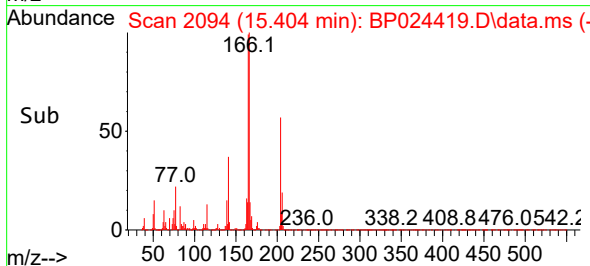
Instrument :
BNA_P
ClientSampleId :
PB167726BS



Tgt Ion:204 Resp: 78393
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 64.9 49.4 74.0

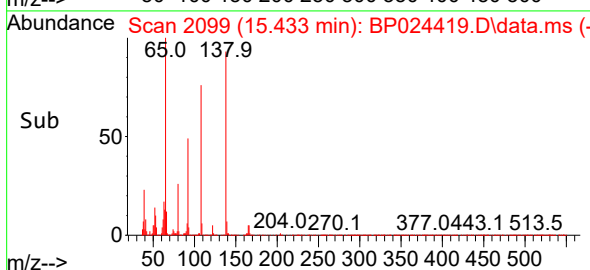
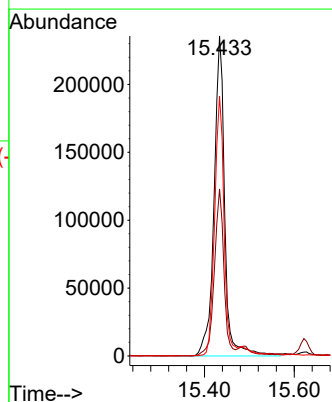
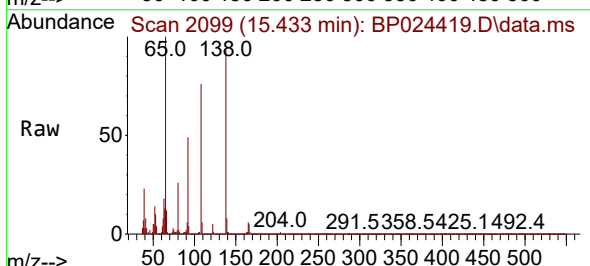
Manual Integrations
APPROVED

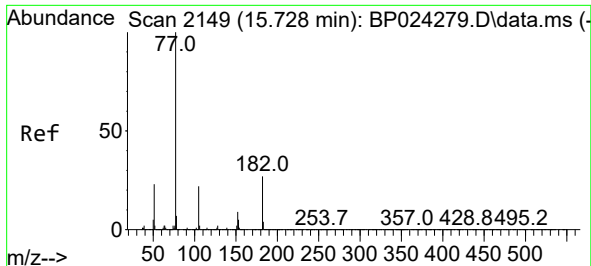
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#62
4-Nitroaniline
Concen: 44.899 ng
RT: 15.433 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

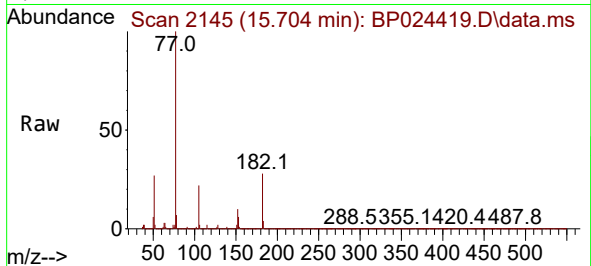
Tgt Ion:138 Resp: 388831
Ion Ratio Lower Upper
138 100
92 52.2 27.8 67.8
108 81.2 48.9 88.9





#63
Azobenzene
Concen: 43.616 ng
RT: 15.704 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

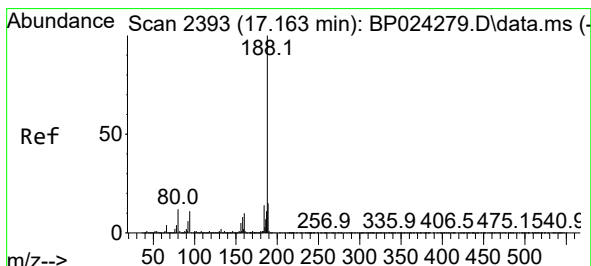
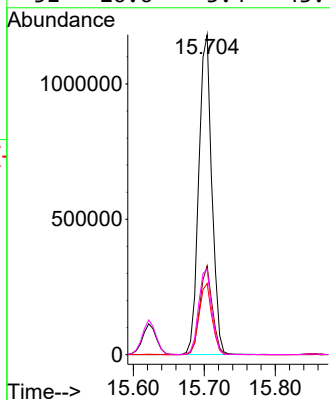
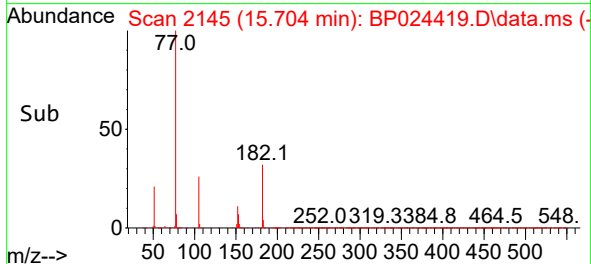
Instrument :
BNA_P
ClientSampleId :
PB167726BS



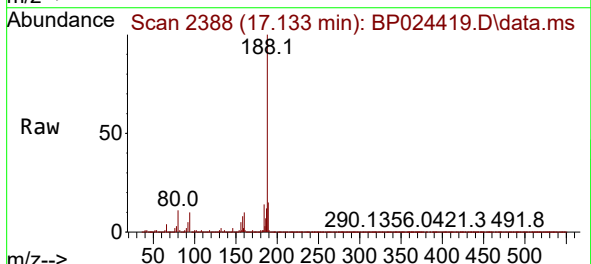
Tgt Ion: 77 Resp: 1514279
Ion Ratio Lower Upper
77 100
182 27.8 7.3 47.3
105 22.3 2.3 42.3
51 26.6 3.4 43.4

Manual Integrations
APPROVED

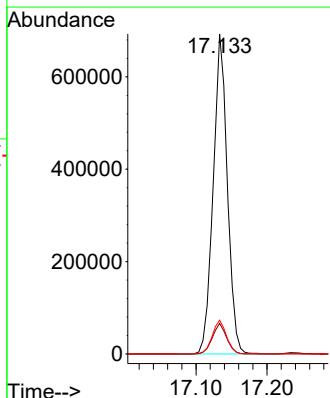
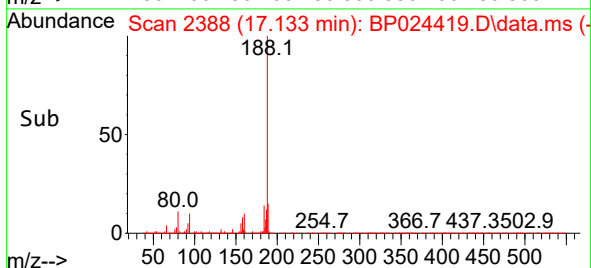
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025

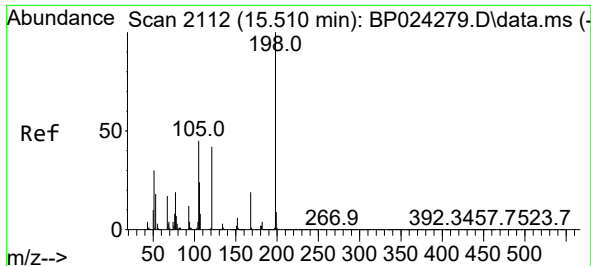


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 2388
Delta R.T. -0.012 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21



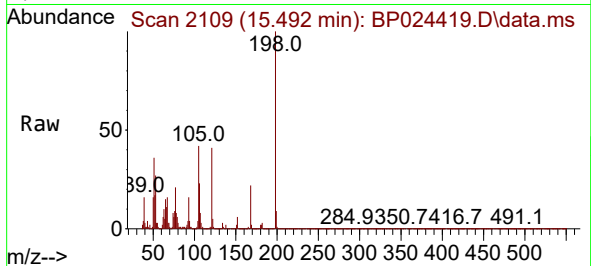
Tgt Ion:188 Resp: 955062
Ion Ratio Lower Upper
188 100
94 9.5 8.6 13.0
80 10.6 9.8 14.6





#65
4,6-Dinitro-2-methylphenol
Concen: 49.861 ng
RT: 15.492 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

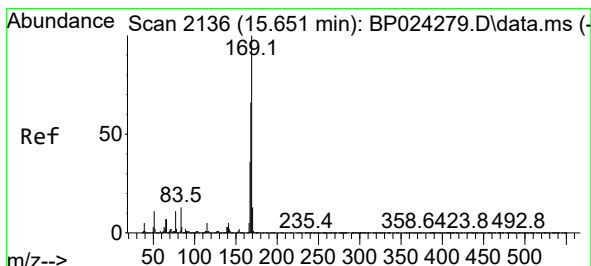
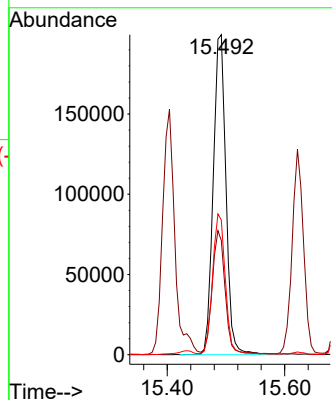
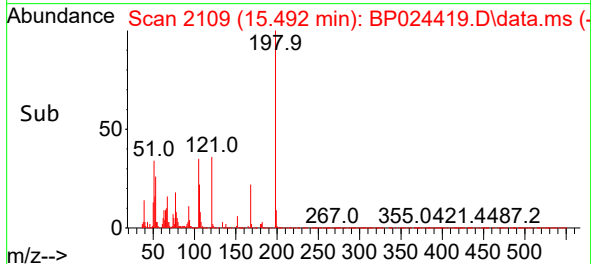
Instrument :
BNA_P
ClientSampleId :
PB167726BS



Tgt Ion:198 Resp: 300220
Ion Ratio Lower Upper
198 100
51 35.7 18.4 58.4
105 42.0 26.5 66.5

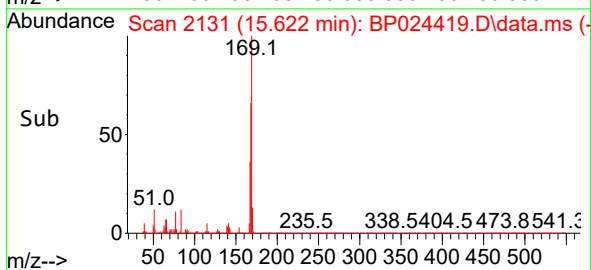
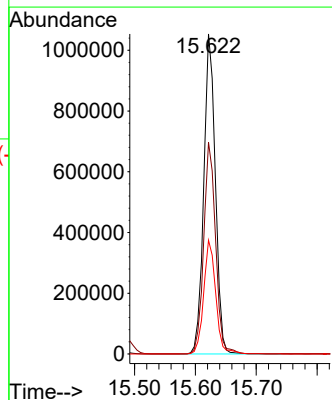
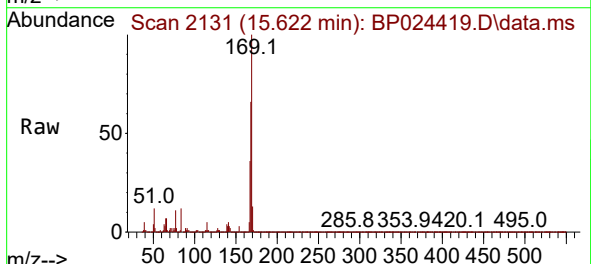
Manual Integrations
APPROVED

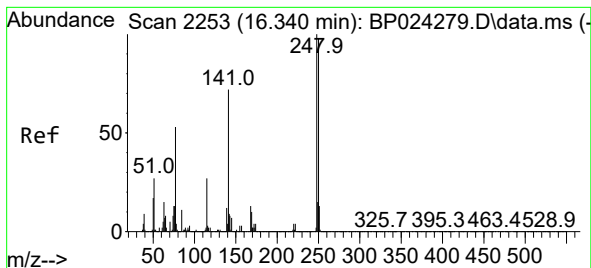
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#66
n-Nitrosodiphenylamine
Concen: 48.901 ng
RT: 15.622 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

Tgt Ion:169 Resp: 1393984
Ion Ratio Lower Upper
169 100
168 66.1 53.0 79.4
167 35.5 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 49.912 ng
RT: 16.310 min Scan# 211
Delta R.T. -0.012 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

Instrument :

BNA_P

ClientSampleId :

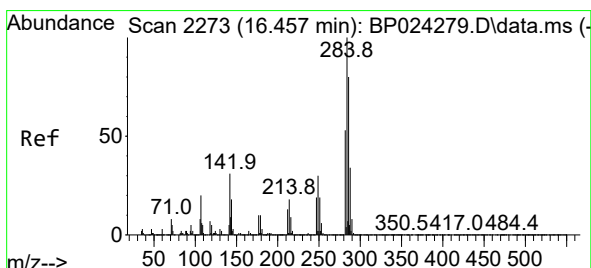
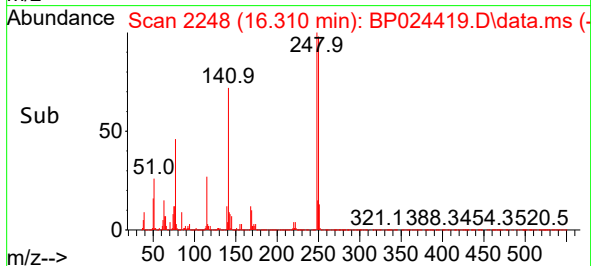
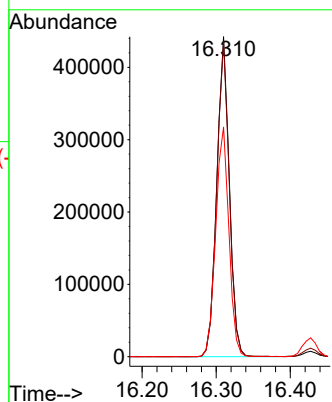
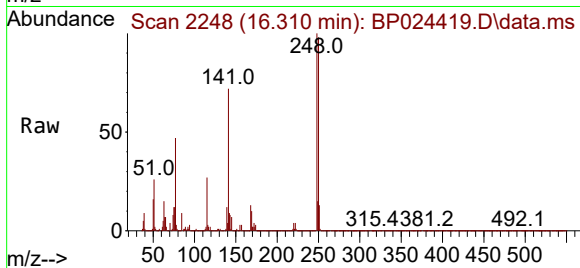
PB167726BS

Tgt Ion:248 Resp: 521340
Ion Ratio Lower Upper
248 100
250 98.4 78.2 117.4
141 71.8 57.7 86.5

Manual Integrations

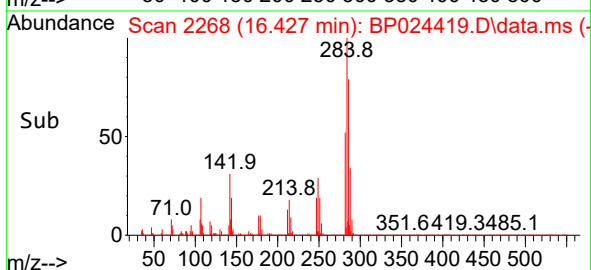
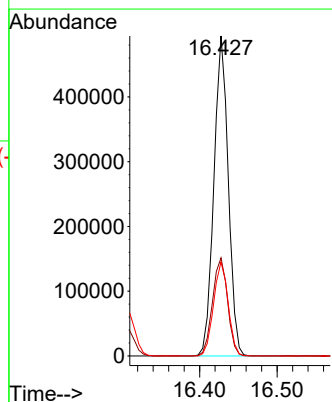
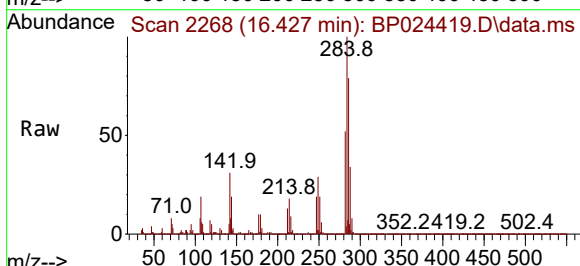
APPROVED

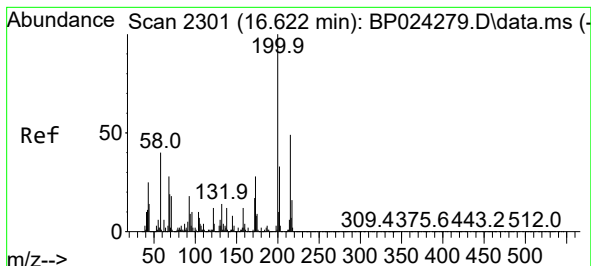
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#68
Hexachlorobenzene
Concen: 51.273 ng
RT: 16.427 min Scan# 2268
Delta R.T. -0.012 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

Tgt Ion:284 Resp: 636391
Ion Ratio Lower Upper
284 100
142 30.6 24.6 37.0
249 29.4 23.8 35.6





#69

Atrazine

Concen: 67.423 ng

RT: 16.598 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024419.D

Acq: 25 Apr 2025 12:21

Instrument :

BNA_P

ClientSampleId :

PB167726BS

Tgt Ion:200 Resp: 48951

Ion Ratio Lower Upper

200 100

173 26.0 7.5 47.5

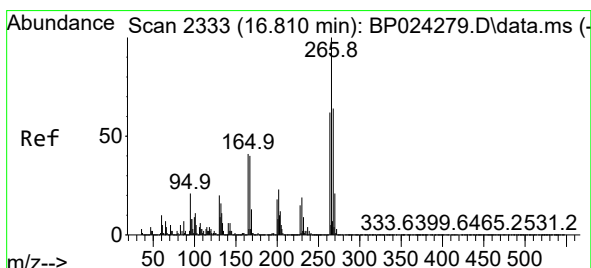
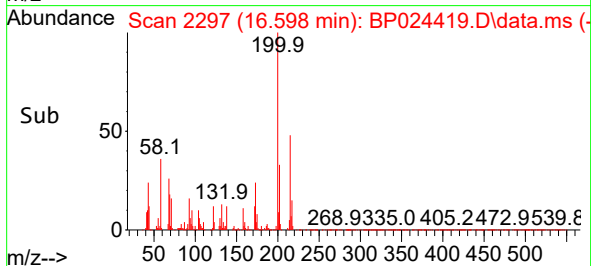
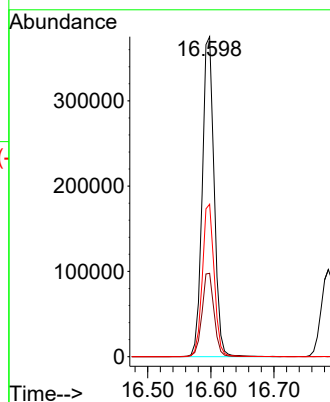
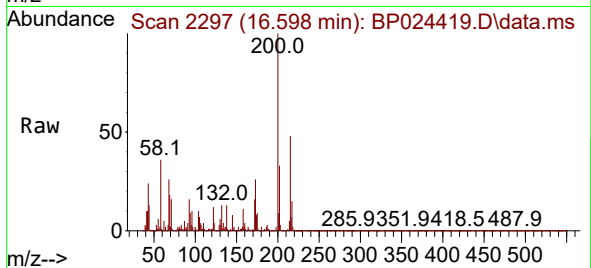
215 47.7 28.8 68.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/28/2025

Supervised By :Jagrut Upadhyay 04/28/2025



#70

Pentachlorophenol

Concen: 100.957 ng

RT: 16.786 min Scan# 2329

Delta R.T. -0.012 min

Lab File: BP024419.D

Acq: 25 Apr 2025 12:21

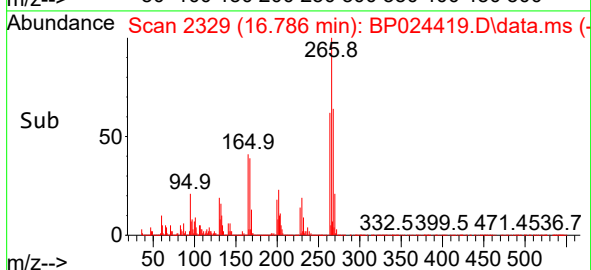
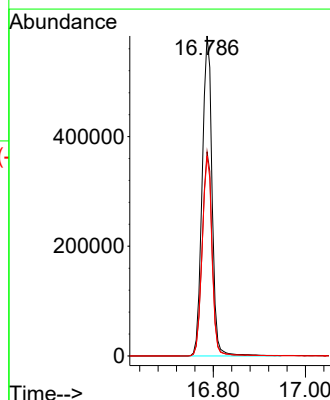
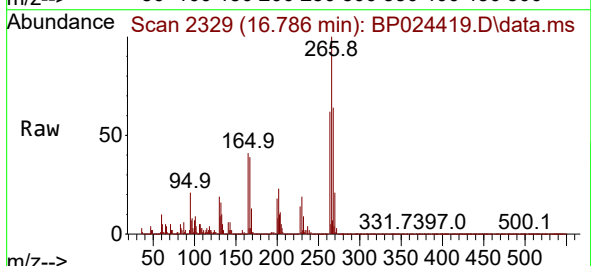
Tgt Ion:266 Resp: 874181

Ion Ratio Lower Upper

266 100

268 63.8 51.0 76.6

264 62.4 49.8 74.6





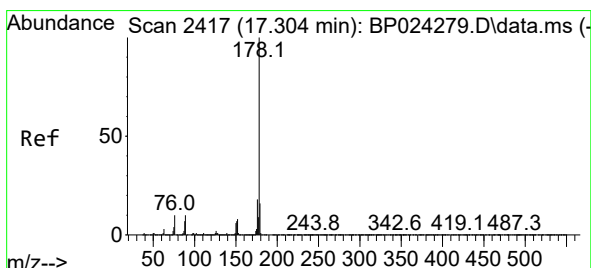
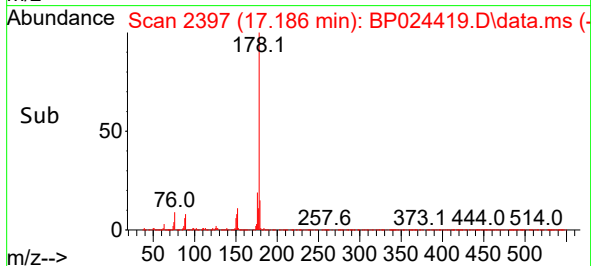
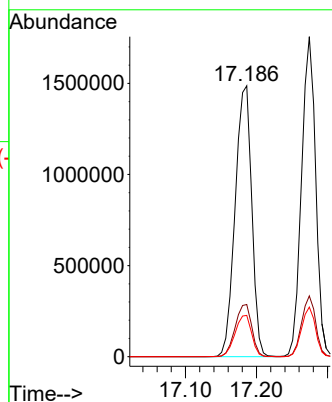
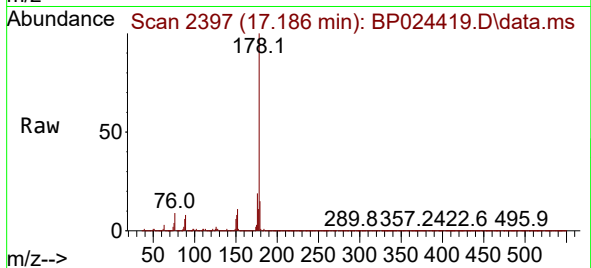
#71
Phenanthrene
Concen: 46.292 ng
RT: 17.186 min Scan# 241185
Delta R.T. -0.006 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

Instrument :
BNA_P
ClientSampleId :
PB167726BS

Tgt Ion:178 Resp: 241185
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.2 12.5 18.7

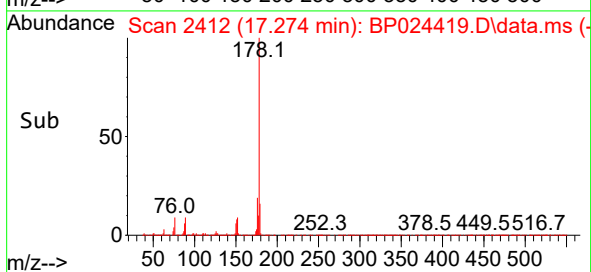
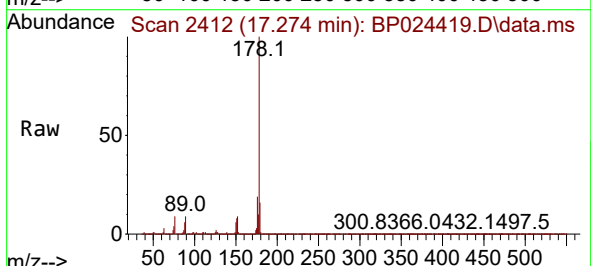
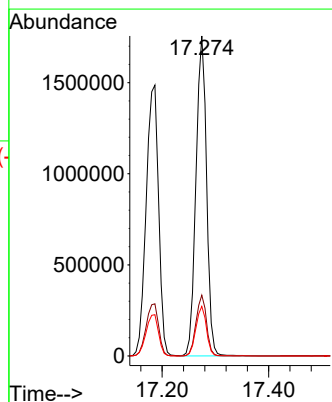
Manual Integrations
APPROVED

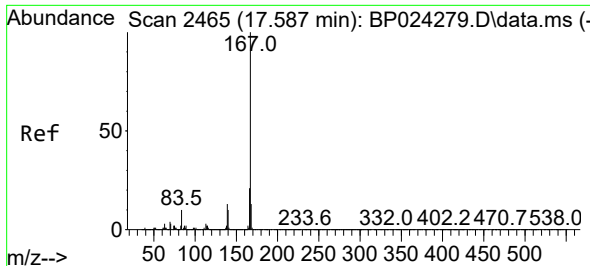
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#72
Anthracene
Concen: 48.463 ng
RT: 17.274 min Scan# 2412
Delta R.T. -0.012 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

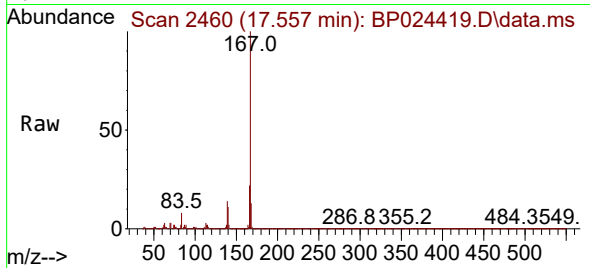
Tgt Ion:178 Resp: 2433543
Ion Ratio Lower Upper
178 100
176 19.0 14.7 22.1
179 15.5 12.4 18.6





#73
Carbazole
Concen: 46.256 ng
RT: 17.557 min Scan# 2460
Delta R.T. -0.012 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

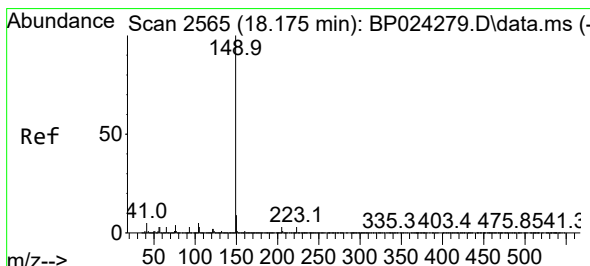
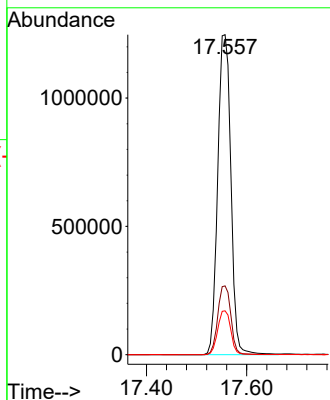
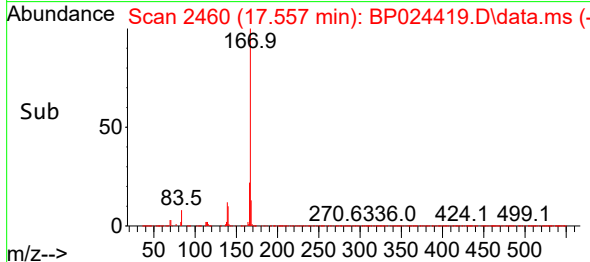
Instrument :
BNA_P
ClientSampleId :
PB167726BS



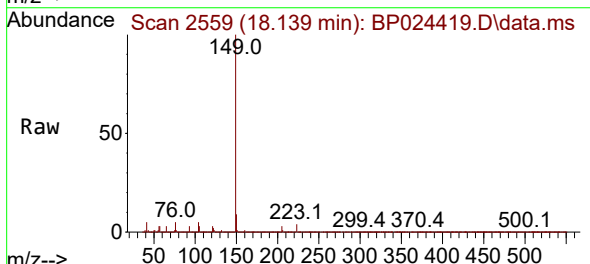
Tgt Ion:167 Resp: 226950
Ion Ratio Lower Upper
167 100
166 21.5 17.1 25.7
139 13.7 10.6 16.0

Manual Integrations
APPROVED

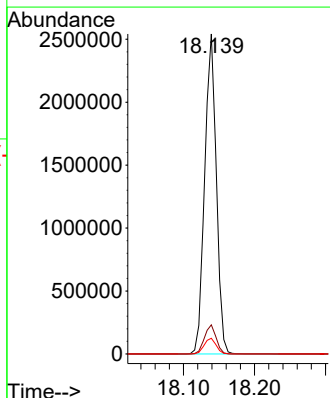
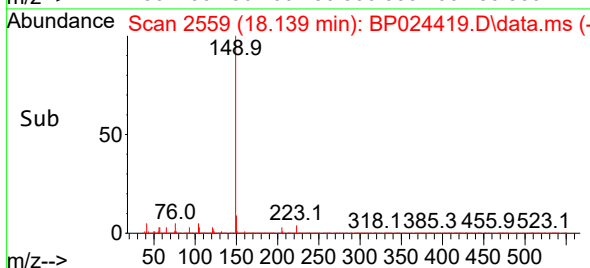
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025

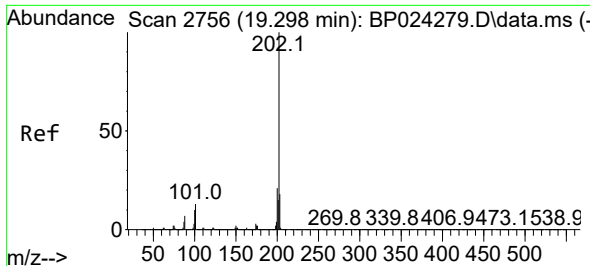


#74
Di-n-butylphthalate
Concen: 47.502 ng
RT: 18.139 min Scan# 2559
Delta R.T. -0.018 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21



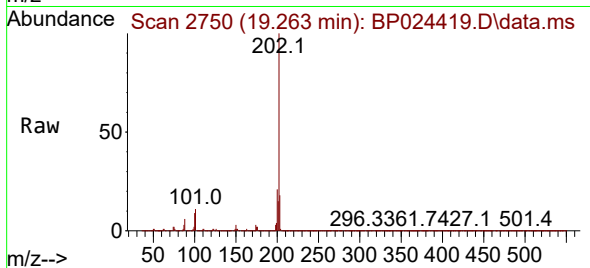
Tgt Ion:149 Resp: 2903632
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.2
104 4.9 3.9 5.9





#75
Fluoranthene
Concen: 44.905 ng
RT: 19.263 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

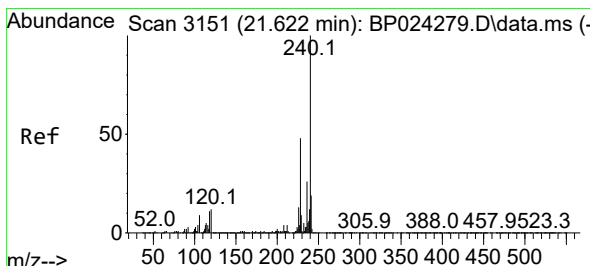
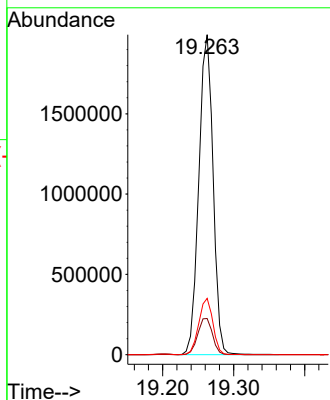
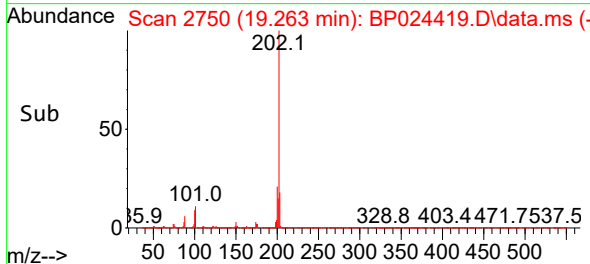
Instrument :
BNA_P
ClientSampleId :
PB167726BS



Tgt Ion:202 Resp: 278256
Ion Ratio Lower Upper
202 100
101 11.3 0.0 33.2
203 17.6 0.0 37.7

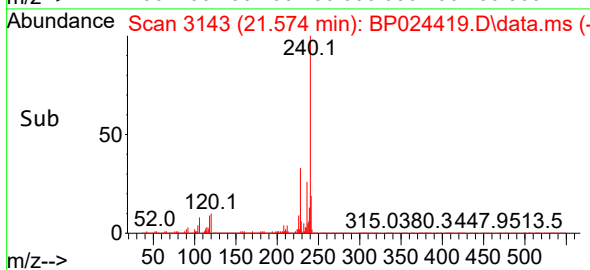
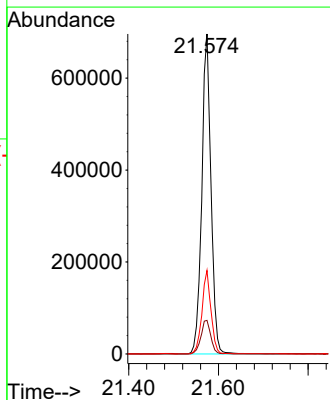
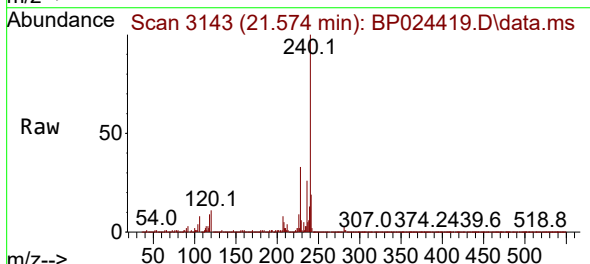
Manual Integrations
APPROVED

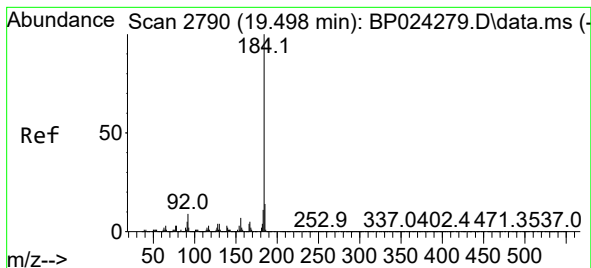
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3143
Delta R.T. -0.018 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

Tgt Ion:240 Resp: 989983
Ion Ratio Lower Upper
240 100
120 10.5 9.8 14.8
236 26.1 20.9 31.3





#77

Benzidine

Concen: 92.853 ng

RT: 19.463 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP024419.D

Acq: 25 Apr 2025 12:21

Instrument :

BNA_P

ClientSampleId :

PB167726BS

Tgt Ion:184 Resp: 1165200

Ion Ratio Lower Upper

184 100

185 14.5 11.6 17.4

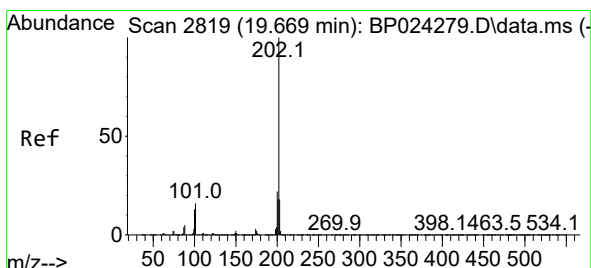
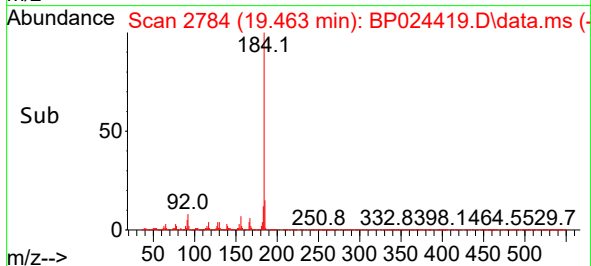
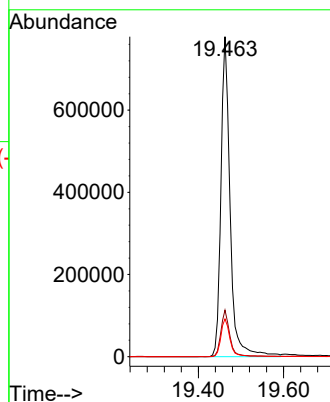
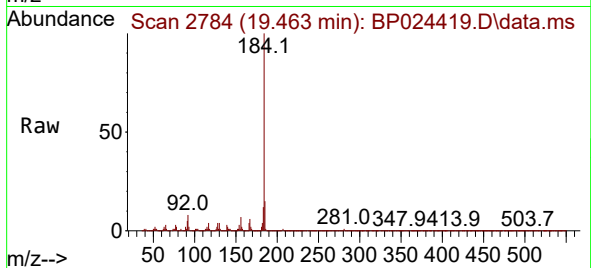
183 11.8 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/28/2025

Supervised By :Jagrut Upadhyay 04/28/2025



#78

Pyrene

Concen: 46.020 ng

RT: 19.633 min Scan# 2813

Delta R.T. -0.018 min

Lab File: BP024419.D

Acq: 25 Apr 2025 12:21

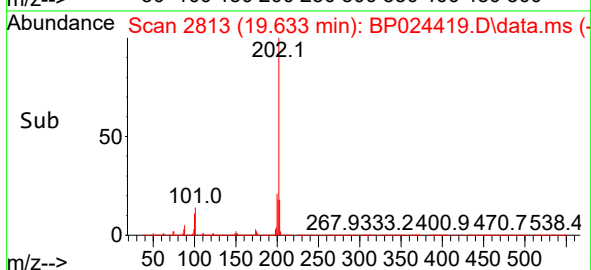
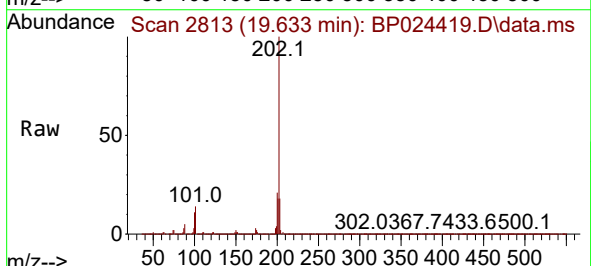
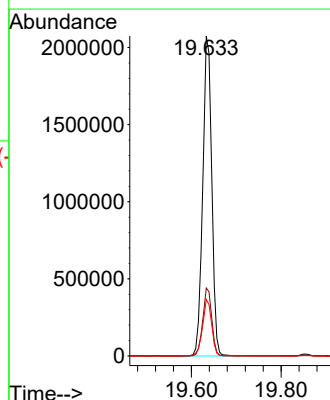
Tgt Ion:202 Resp: 2895353

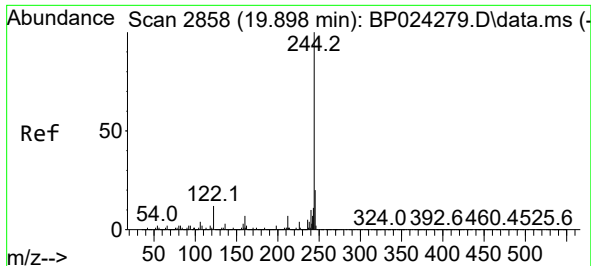
Ion Ratio Lower Upper

202 100

200 21.3 17.2 25.8

203 17.7 14.4 21.6





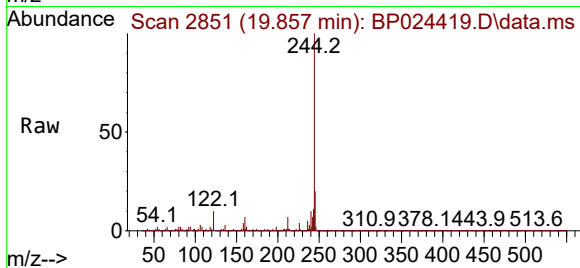
#79
 Terphenyl-d14
 Concen: 92.693 ng
 RT: 19.857 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BP024419.D
 Acq: 25 Apr 2025 12:21

Instrument :

BNA_P

ClientSampleId :

PB167726BS



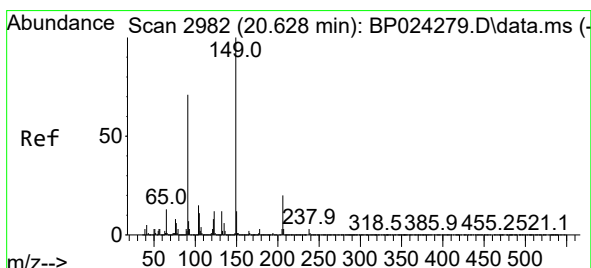
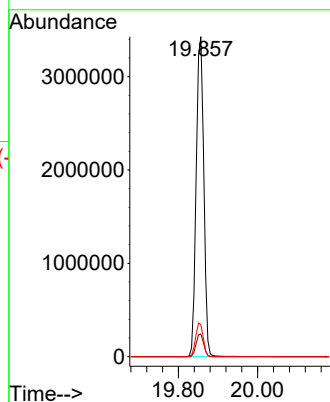
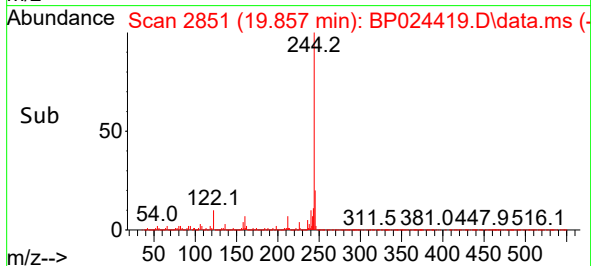
Tgt Ion:244 Resp: 4552609
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 10.0 9.4 14.0

Manual Integrations

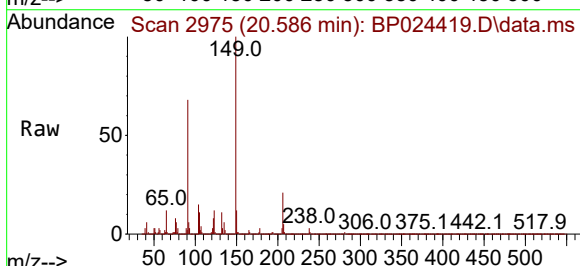
APPROVED

Reviewed By :Rahul Chavli 04/28/2025

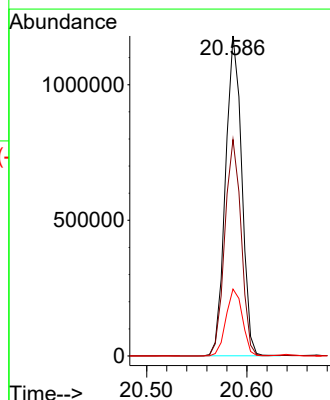
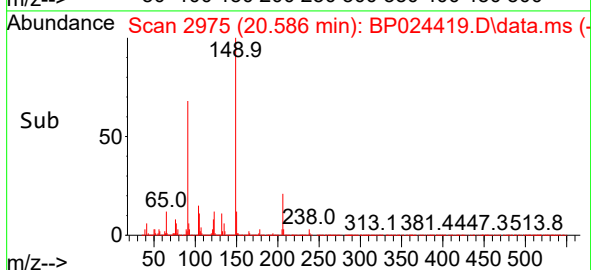
Supervised By :Jagrut Upadhyay 04/28/2025

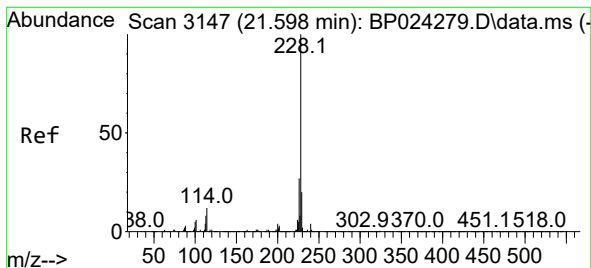


#80
 Butylbenzylphthalate
 Concen: 49.198 ng
 RT: 20.586 min Scan# 2975
 Delta R.T. -0.018 min
 Lab File: BP024419.D
 Acq: 25 Apr 2025 12:21



Tgt Ion:149 Resp: 1325767
 Ion Ratio Lower Upper
 149 100
 91 67.7 56.4 84.6
 206 20.9 16.3 24.5





#81

Benzo(a)anthracene

Concen: 47.805 ng

RT: 21.551 min Scan# 3119

Delta R.T. -0.018 min

Lab File: BP024419.D

Acq: 25 Apr 2025 12:21

Instrument :

BNA_P

ClientSampleId :

PB167726BS

Tgt Ion:228 Resp: 2941628

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.8

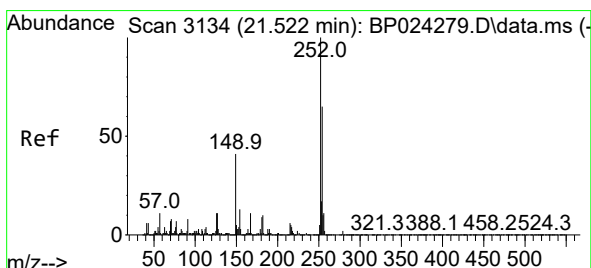
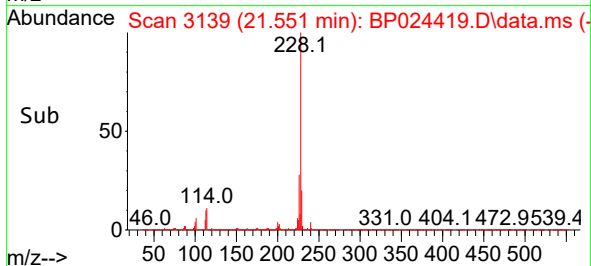
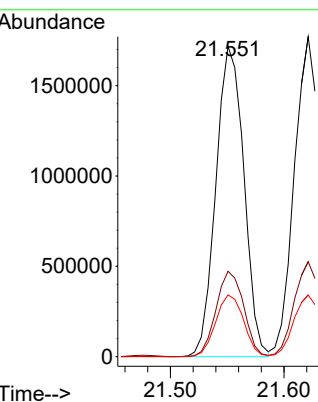
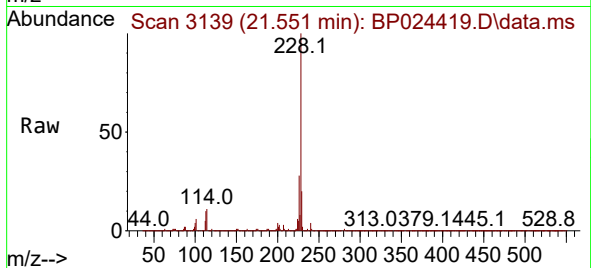
229 19.9 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/28/2025

Supervised By :Jagrut Upadhyay 04/28/2025



#82

3,3'-Dichlorobenzidine

Concen: 37.291 ng

RT: 21.474 min Scan# 3126

Delta R.T. -0.018 min

Lab File: BP024419.D

Acq: 25 Apr 2025 12:21

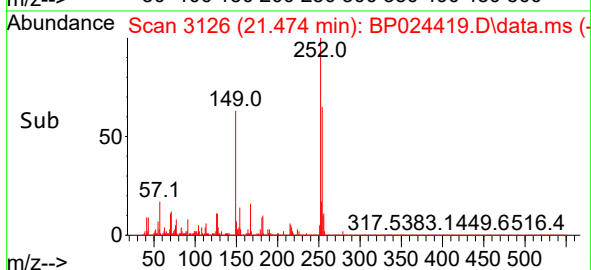
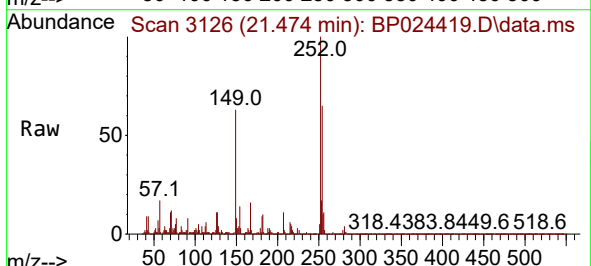
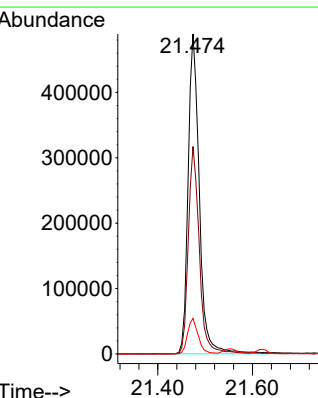
Tgt Ion:252 Resp: 805396

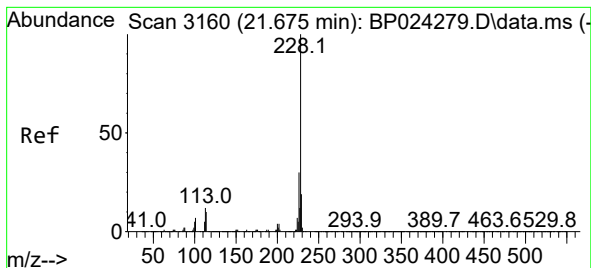
Ion Ratio Lower Upper

252 100

254 64.8 51.7 77.5

126 11.1 8.8 13.2





#83

Chrysene

Concen: 46.503 ng

RT: 21.621 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP024419.D

Acq: 25 Apr 2025 12:21

Instrument :

BNA_P

ClientSampleId :

PB167726BS

Tgt Ion:228 Resp: 274143

Ion Ratio Lower Upper

228 100

226 29.7 24.2 36.2

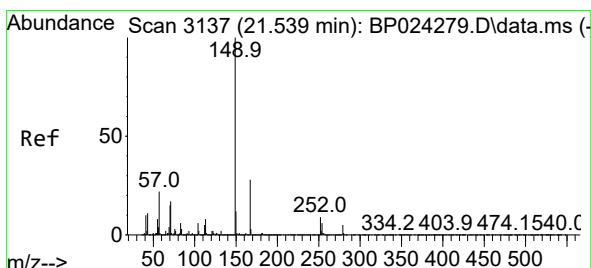
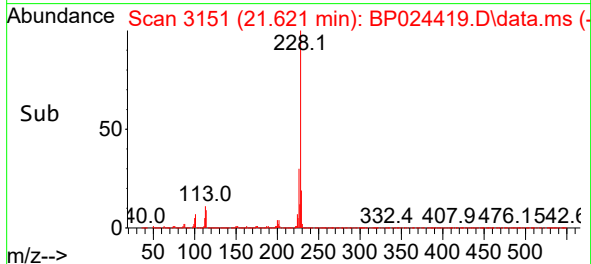
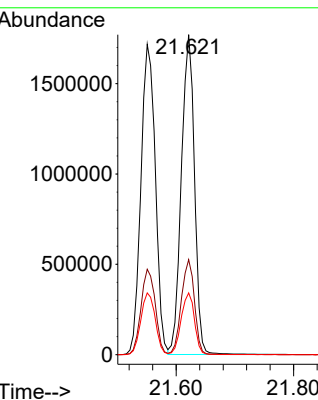
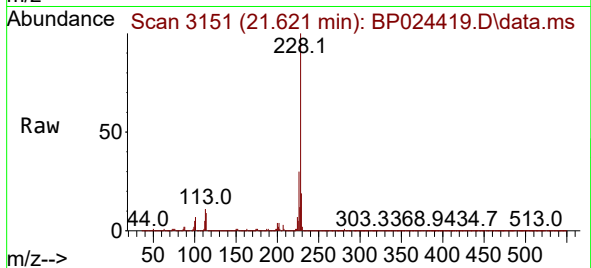
229 19.3 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/28/2025

Supervised By :Jagrut Upadhyay 04/28/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.753 ng

RT: 21.492 min Scan# 3129

Delta R.T. -0.018 min

Lab File: BP024419.D

Acq: 25 Apr 2025 12:21

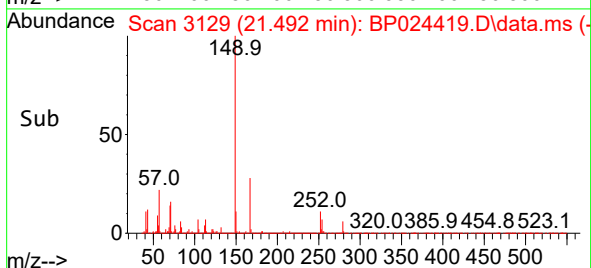
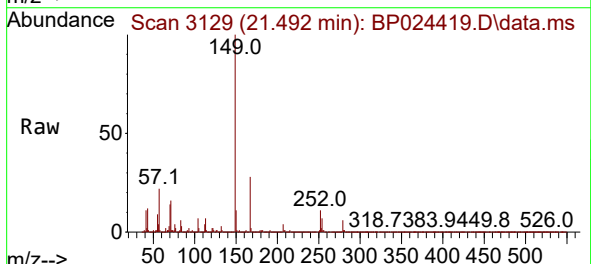
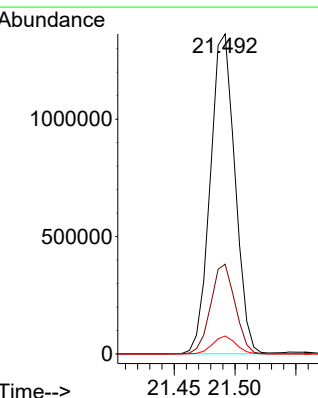
Tgt Ion:149 Resp: 1925956

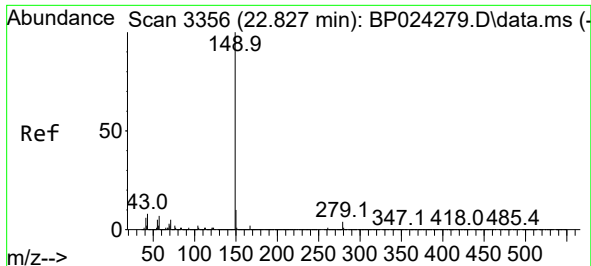
Ion Ratio Lower Upper

149 100

167 28.0 22.4 33.6

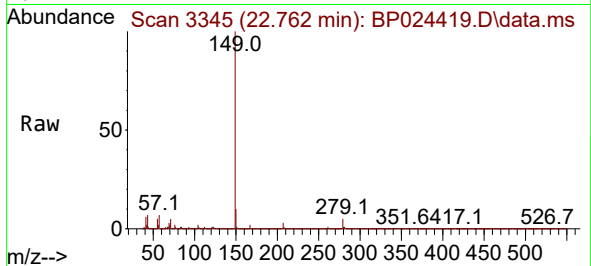
279 5.6 4.0 6.0





#85
Di-n-octyl phthalate
Concen: 52.105 ng
RT: 22.762 min Scan# 31
Delta R.T. -0.024 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

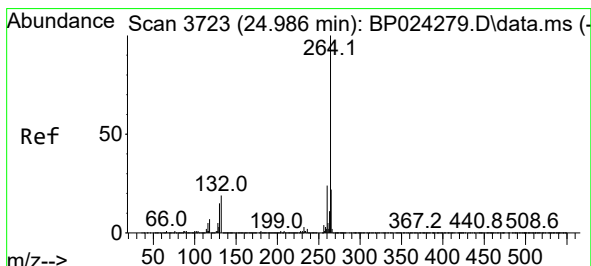
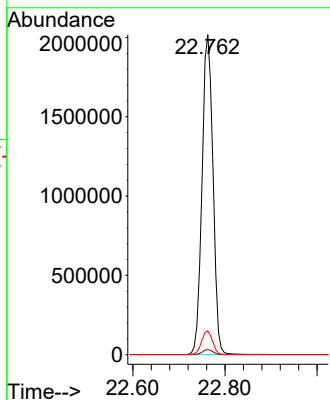
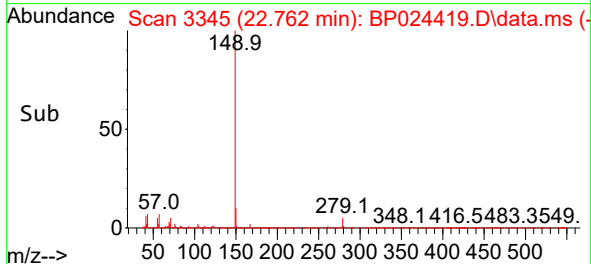
Instrument :
BNA_P
ClientSampleId :
PB167726BS



Tgt Ion:149 Resp: 3346354
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 7.4 6.0 9.0

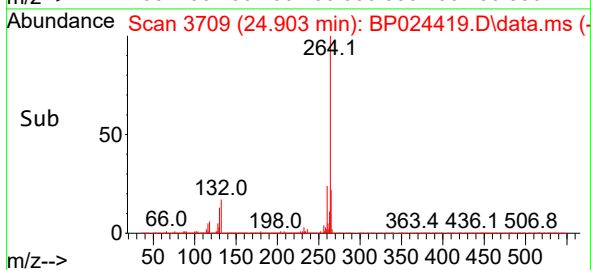
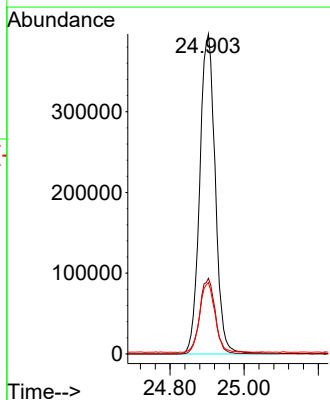
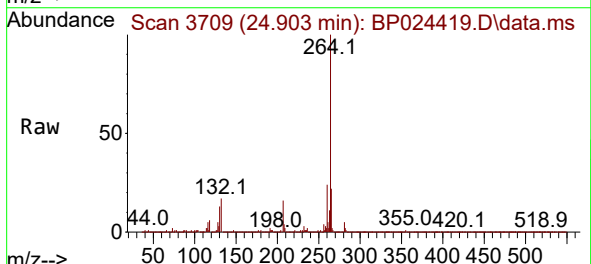
Manual Integrations
APPROVED

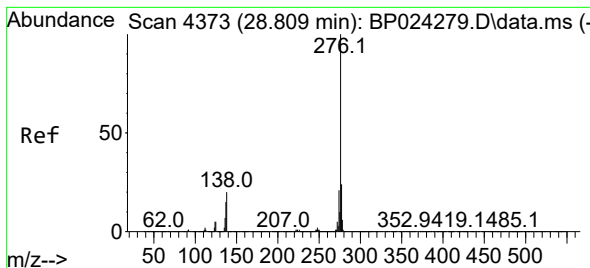
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.903 min Scan# 3709
Delta R.T. -0.030 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

Tgt Ion:264 Resp: 1149630
Ion Ratio Lower Upper
264 100
260 23.7 18.9 28.3
265 22.3 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.208 ng m

RT: 28.674 min Scan# 41

Delta R.T. -0.065 min

Lab File: BP024419.D

Acq: 25 Apr 2025 12:21

Instrument :

BNA_P

ClientSampleId :

PB167726BS

Tgt Ion:276 Resp: 4007209

Ion Ratio Lower Upper

276 100

138 9.3 14.5 21.7

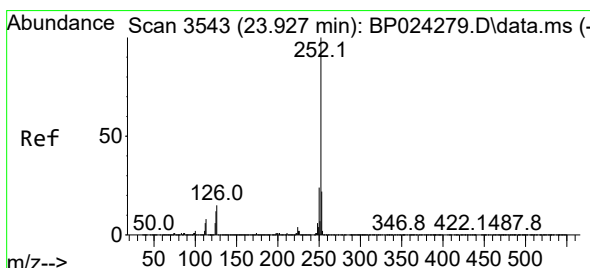
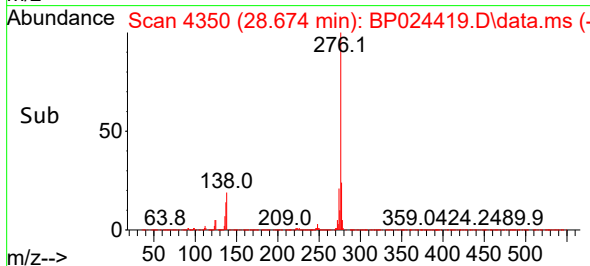
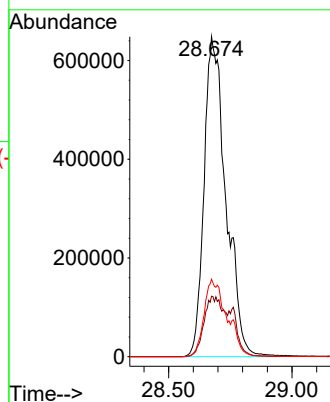
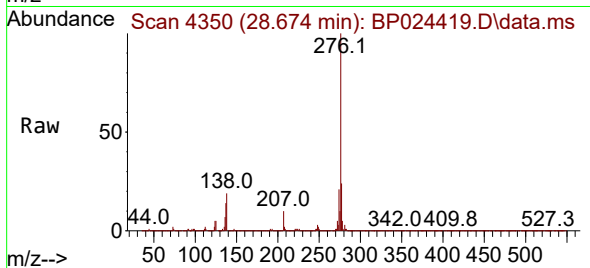
277 21.6 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/28/2025

Supervised By :Jagrut Upadhyay 04/28/2025



#88

Benzo(b)fluoranthene

Concen: 46.320 ng

RT: 23.851 min Scan# 3530

Delta R.T. -0.035 min

Lab File: BP024419.D

Acq: 25 Apr 2025 12:21

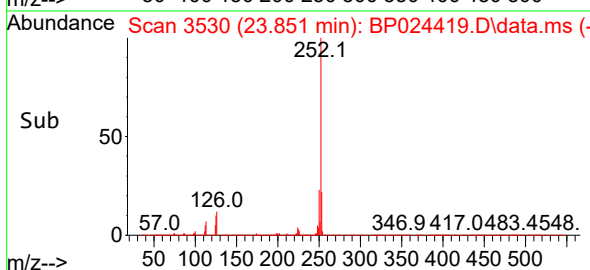
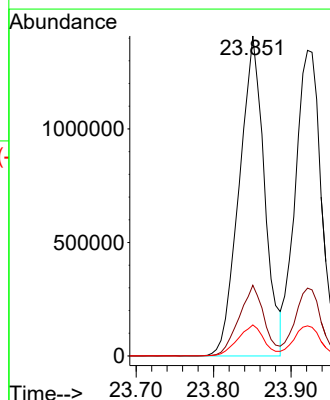
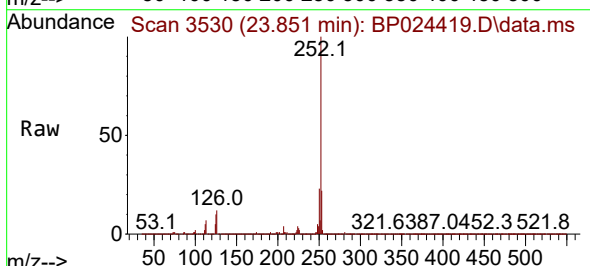
Tgt Ion:252 Resp: 3191874

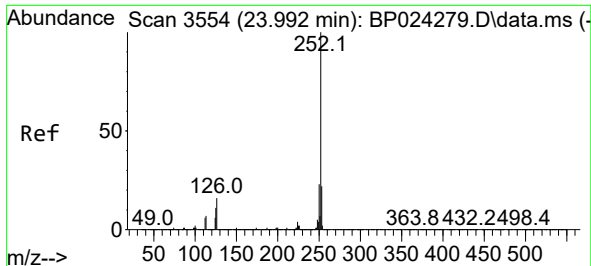
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

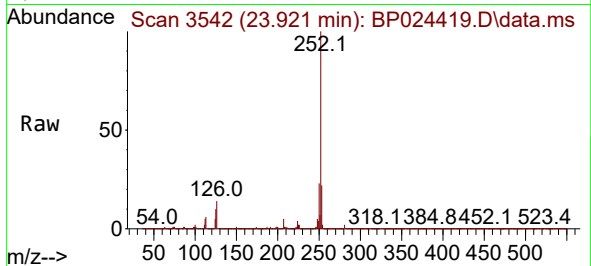
125 9.7 9.4 14.0





#89
Benzo(k)fluoranthene
Concen: 47.344 ng
RT: 23.921 min Scan# 31
Delta R.T. -0.035 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21

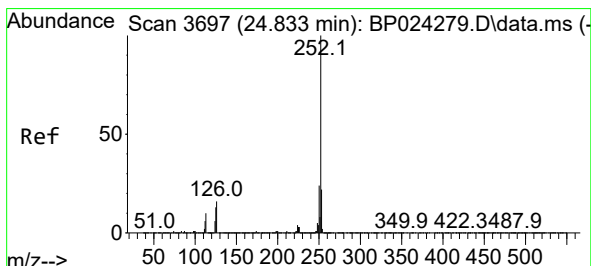
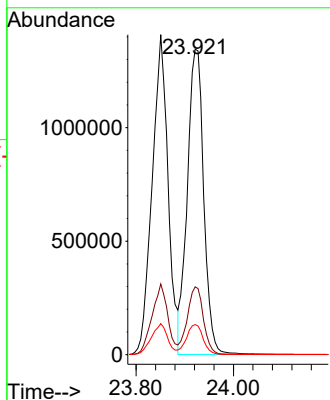
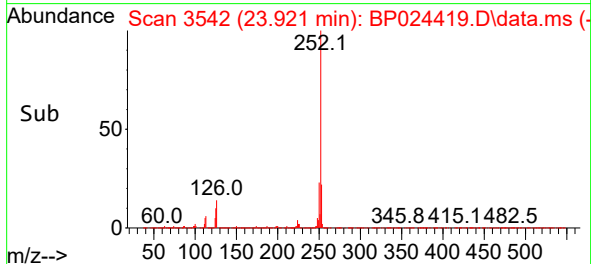
Instrument :
BNA_P
ClientSampleId :
PB167726BS



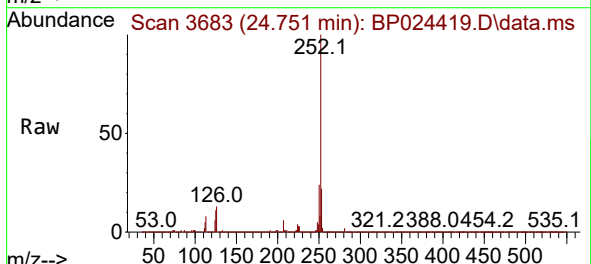
Tgt Ion:252 Resp: 3151350
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 9.9 9.1 13.7

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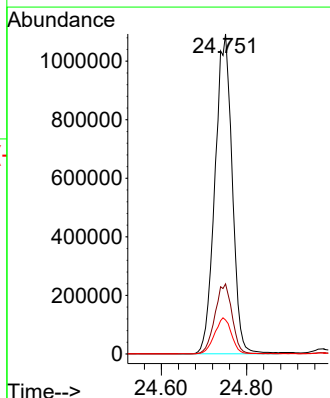
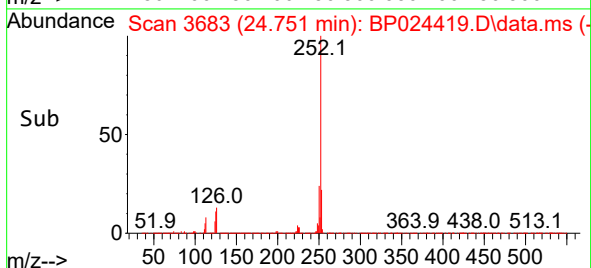
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025

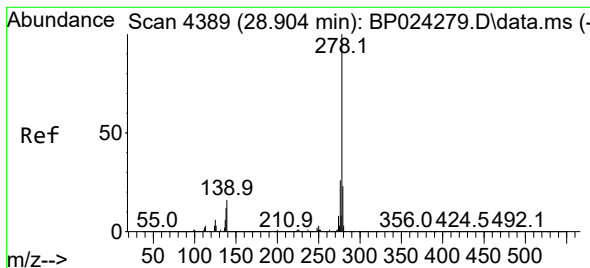


#90
Benzo(a)pyrene
Concen: 51.368 ng
RT: 24.751 min Scan# 3683
Delta R.T. -0.030 min
Lab File: BP024419.D
Acq: 25 Apr 2025 12:21



Tgt Ion:252 Resp: 3053407
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 10.6 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 49.361 ng

RT: 28.762 min Scan# 41

Delta R.T. -0.041 min

Lab File: BP024419.D

Acq: 25 Apr 2025 12:21

Instrument :

BNA_P

ClientSampleId :

PB167726BS

Tgt Ion:278 Resp: 327001

Ion Ratio Lower Upper

278 100

139 14.7 12.6 19.0

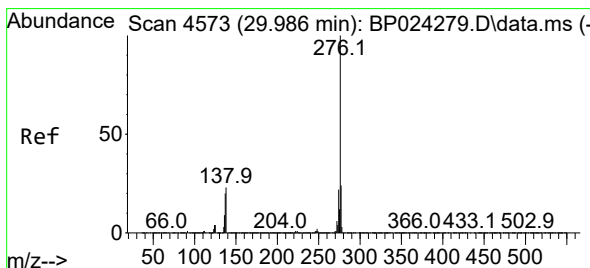
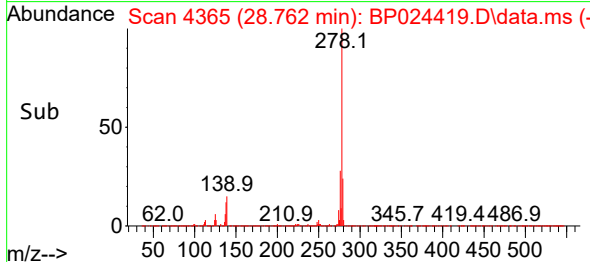
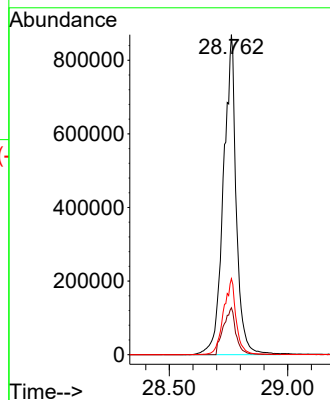
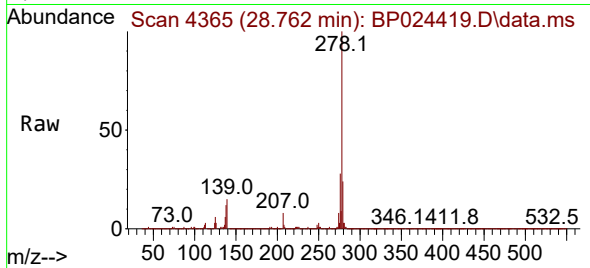
279 23.7 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/28/2025

Supervised By :Jagrut Upadhyay 04/28/2025



#92

Benzo(g,h,i)perylene

Concen: 47.231 ng

RT: 29.862 min Scan# 4552

Delta R.T. -0.035 min

Lab File: BP024419.D

Acq: 25 Apr 2025 12:21

Tgt Ion:276 Resp: 3184780

Ion Ratio Lower Upper

276 100

277 23.7 18.9 28.3

138 19.5 18.7 28.1

