

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042425\
 Data File : BP024412.D
 Acq On : 24 Apr 2025 17:56
 Operator : RC/JU
 Sample : Q1852-02MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ETGI-354MSD

Quant Time: Apr 24 18:56:02 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

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/25/2025
 Supervised By :Jagrut Upadhyay 04/25/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	161933	20.000	ng	0.00
21) Naphthalene-d8	10.487	136	649338	20.000	ng	-0.01
39) Acenaphthene-d10	14.340	164	420794	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	881518	20.000	ng	0.00
76) Chrysene-d12	21.574	240	1086569	20.000	ng	-0.02
86) Perylene-d12	24.904	264	1276743	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1308410	133.598	ng	0.00
7) Phenol-d6	6.905	99	1617474	120.615	ng	0.00
23) Nitrobenzene-d5	8.863	82	1008373	88.550	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	865897	148.731	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	2253181	81.985	ng	-0.01
79) Terphenyl-d14	19.875	244	4248861	78.818	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	161356	38.951	ng	# 72
3) Pyridine	3.687	79	303440	27.740	ng	94
4) n-Nitrosodimethylamine	3.593	42	162319	44.712	ng	90
6) Aniline	7.058	93	213443	17.812	ng	98
8) 2-Chlorophenol	7.293	128	495160	45.284	ng	99
9) Benzaldehyde	6.869	77	205846	31.031	ng	98
10) Phenol	6.934	94	594997	44.230	ng	97
11) bis(2-Chloroethyl)ether	7.146	93	442789	40.852	ng	99
12) 1,3-Dichlorobenzene	7.611	146	492183	41.811	ng	99
13) 1,4-Dichlorobenzene	7.752	146	504169	42.212	ng	100
14) 1,2-Dichlorobenzene	8.063	146	489946	42.481	ng	99
15) Benzyl Alcohol	7.958	79	417188	48.105	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.234	45	484068	41.318	ng	99
17) 2-Methylphenol	8.163	107	415599	47.757	ng	99
18) Hexachloroethane	8.787	117	184688	42.788	ng	97
19) n-Nitroso-di-n-propyla...	8.510	70	334826	40.358	ng	98
20) 3+4-Methylphenols	8.487	107	561733	46.520	ng	99
22) Acetophenone	8.528	105	697797	43.418	ng	98
24) Nitrobenzene	8.905	77	499400	44.331	ng	99
25) Isophorone	9.428	82	967543	46.940	ng	98
26) 2-Nitrophenol	9.610	139	268195	48.648	ng	97
27) 2,4-Dimethylphenol	9.675	122	466447	67.384	ng	100
28) bis(2-Chloroethoxy)met...	9.899	93	595109	42.738	ng	99
29) 2,4-Dichlorophenol	10.146	162	460114	48.749	ng	99
30) 1,2,4-Trichlorobenzene	10.352	180	456921	45.184	ng	99
31) Naphthalene	10.534	128	1458248	42.633	ng	99
32) Benzoic acid	9.822	122	359228m	44.537	ng	
33) 4-Chloroaniline	10.657	127	125030	10.380	ng	99
34) Hexachlorobutadiene	10.822	225	272964	45.935	ng	99
35) Caprolactam	11.440	113	150865	43.320	ng	97
36) 4-Chloro-3-methylphenol	11.787	107	541513	49.257	ng	99
37) 2-Methylnaphthalene	12.151	142	942110	39.715	ng	98
38) 1-Methylnaphthalene	12.363	142	995540	42.900	ng	100
40) 1,2,4,5-Tetrachloroben...	12.522	216	513618	44.385	ng	99
41) Hexachlorocyclopentadiene	12.499	237	716903	175.168	ng	98
43) 2,4,6-Trichlorophenol	12.763	196	381624	49.603	ng	98

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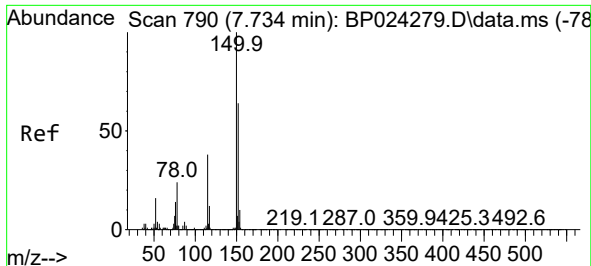
Manual Integrations
 APPROVED

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 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.846	196	422707	49.615	ng	99
46) 1,1'-Biphenyl	13.169	154	1341195	43.361	ng	99
47) 2-Chloronaphthalene	13.210	162	1028058	44.472	ng	99
48) 2-Nitroaniline	13.416	65	333760	51.471	ng	98
49) Acenaphthylene	14.063	152	1778406	48.862	ng	100
50) Dimethylphthalate	13.798	163	1423495	46.518	ng	100
51) 2,6-Dinitrotoluene	13.916	165	315120	48.494	ng	96
52) Acenaphthene	14.404	154	1021010	44.249	ng	99
53) 3-Nitroaniline	14.251	138	172940	25.322	ng	99
54) 2,4-Dinitrophenol	14.463	184	429731	112.270	ng	96
55) Dibenzofuran	14.751	168	1648037	43.696	ng	99
56) 4-Nitrophenol	14.587	139	631912	107.134	ng	96
57) 2,4-Dinitrotoluene	14.716	165	468975	52.907	ng	99
58) Fluorene	15.410	166	1357549	46.496	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.981	232	387942	49.370	ng	99
60) Diethylphthalate	15.181	149	1470372	46.627	ng	100
61) 4-Chlorophenyl-phenyle...	15.404	204	647944	45.700	ng	98
62) 4-Nitroaniline	15.434	138	360247	49.828	ng	93
63) Azobenzene	15.698	77	1290238	44.515	ng	97
65) 4,6-Dinitro-2-methylph...	15.498	198	277429	49.919	ng	96
66) n-Nitrosodiphenylamine	15.622	169	1194491	45.398	ng	99
67) 4-Bromophenyl-phenylether	16.316	248	440540	45.694	ng	98
68) Hexachlorobenzene	16.434	284	537979	46.960	ng	96
69) Atrazine	16.598	200	455677	67.999	ng	99
70) Pentachlorophenol	16.792	266	805272	100.758	ng	100
71) Phenanthrene	17.186	178	2220457	46.174	ng	100
72) Anthracene	17.275	178	2230483	48.125	ng	99
73) Carbazole	17.563	167	2243564	49.542	ng	100
74) Di-n-butylphthalate	18.157	149	2726339	48.322	ng	99
75) Fluoranthene	19.269	202	2772444	48.474	ng	98
77) Benzidine	19.486	184	140225	10.181	ng	98
78) Pyrene	19.645	202	2901143	42.014	ng	99
80) Butylbenzylphthalate	20.598	149	1405745	47.528	ng	96
81) Benzo(a)anthracene	21.557	228	3212016	47.559	ng	100
82) 3,3'-Dichlorobenzidine	21.492	252	639663	26.985	ng	100
83) Chrysene	21.627	228	2971616	45.927	ng	99
84) Bis(2-ethylhexyl)phtha...	21.498	149	2059928	47.509	ng	99
85) Di-n-octyl phthalate	22.763	149	3619051	51.342	ng	100
87) Indeno(1,2,3-cd)pyrene	28.680	276	4568103m	51.537	ng	
88) Benzo(b)fluoranthene	23.857	252	3584284	46.836	ng	99
89) Benzo(k)fluoranthene	23.916	252	3471771	46.965	ng	99
90) Benzo(a)pyrene	24.739	252	3358330	50.873	ng	99
91) Dibenzo(a,h)anthracene	28.762	278	3739695	50.831	ng	99
92) Benzo(g,h,i)perylene	29.862	276	3672236	49.038	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024412.D
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Instrument :

BNA_P

ClientSampleId :

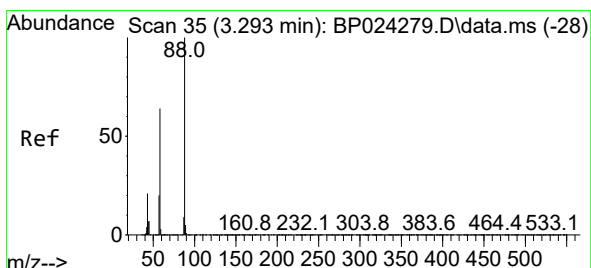
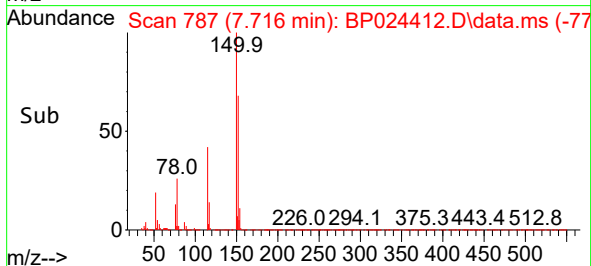
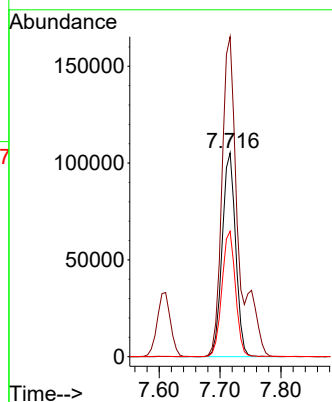
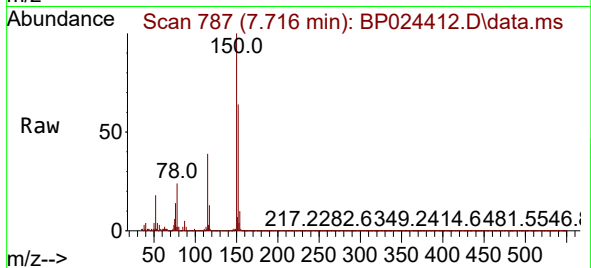
ETGI-354MSD

Tgt Ion:152 Resp: 16193
Ion Ratio Lower Upper
152 100
150 157.0 124.9 187.3
115 61.6 47.7 71.5

Manual Integrations

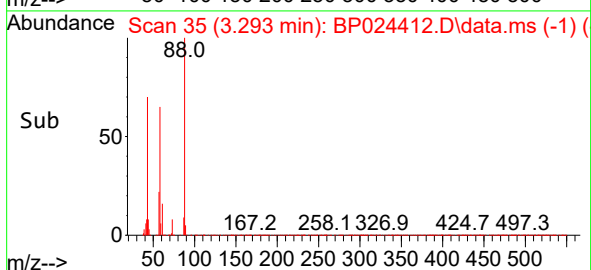
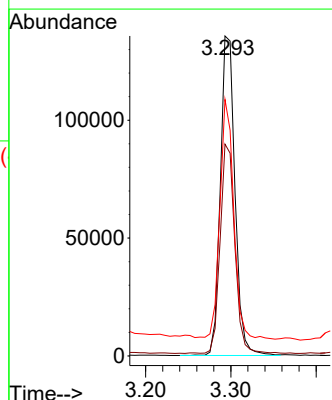
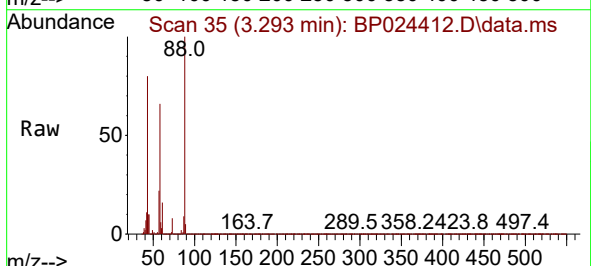
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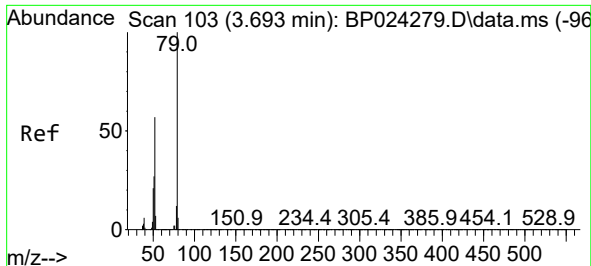
Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025



#2
1,4-Dioxane
Concen: 38.951 ng
RT: 3.293 min Scan# 35
Delta R.T. 0.006 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

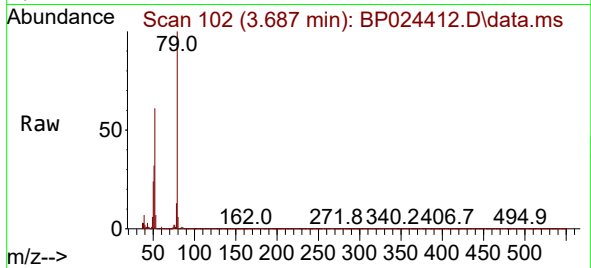
Tgt Ion: 88 Resp: 161356
Ion Ratio Lower Upper
88 100
58 65.8 51.4 77.2
43 71.0 17.1 25.7





#3
Pyridine
Concen: 27.740 ng
RT: 3.687 min Scan# 103
Delta R.T. 0.000 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

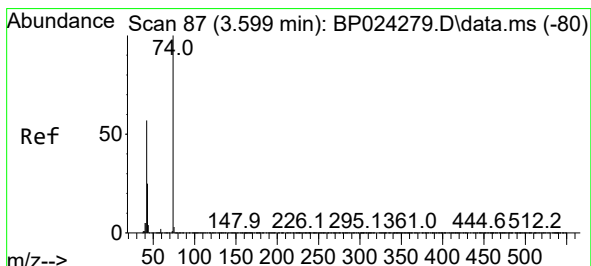
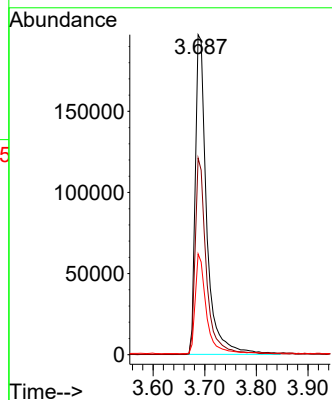
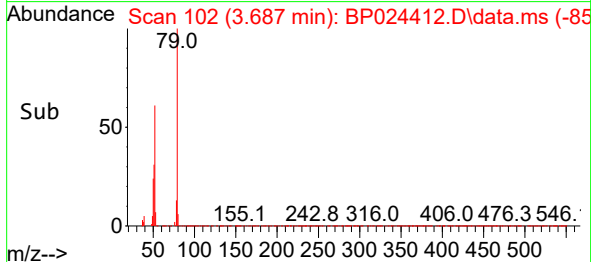
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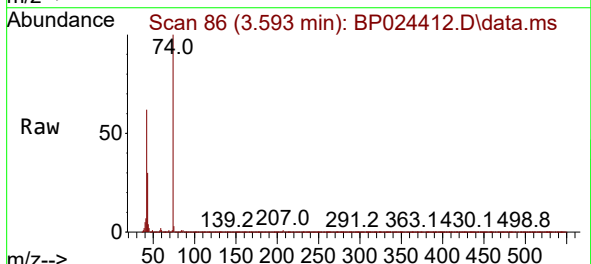
Tgt Ion: 79 Resp: 303440
Ion Ratio Lower Upper
79 100
52 61.4 45.4 68.2
51 31.5 22.6 33.8

Manual Integrations
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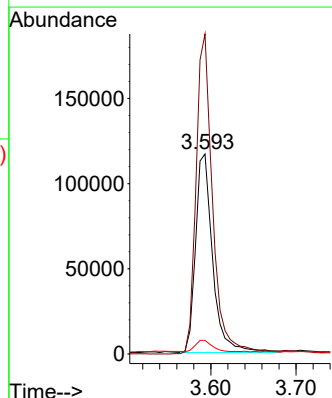
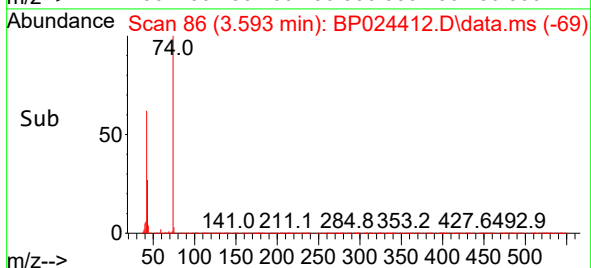
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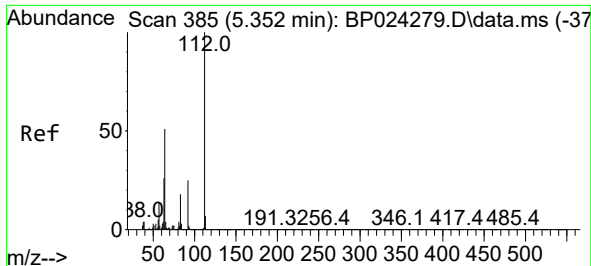


#4
n-Nitrosodimethylamine
Concen: 44.712 ng
RT: 3.593 min Scan# 86
Delta R.T. 0.000 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56



Tgt Ion: 42 Resp: 162319
Ion Ratio Lower Upper
42 100
74 160.0 139.5 209.3
44 6.8 5.8 8.8





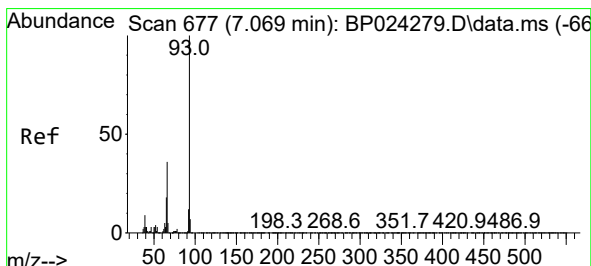
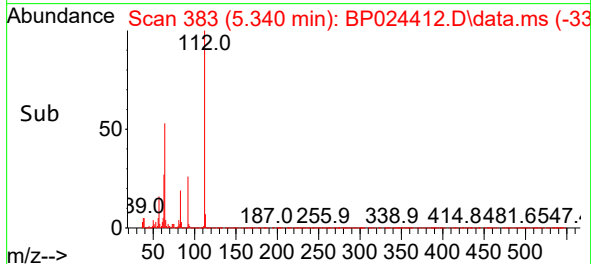
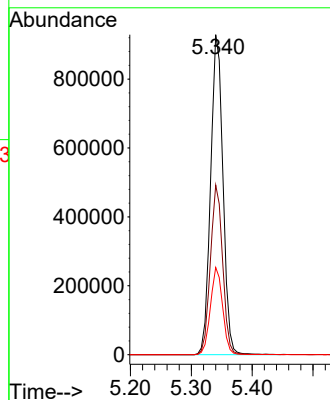
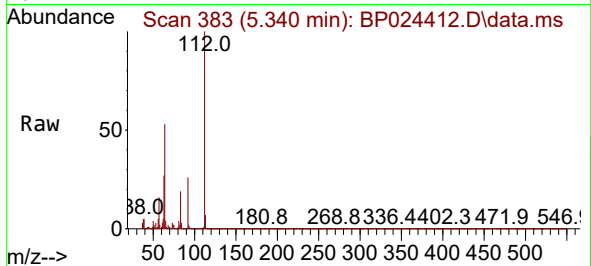
#5
2-Fluorophenol
Concen: 133.598 ng
RT: 5.340 min Scan# 385
Delta R.T. -0.006 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

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ClientSampleId :
ETGI-354MSD

Tgt Ion:112 Resp: 1308410
Ion Ratio Lower Upper
112 100
64 53.0 41.1 61.7
63 27.3 20.6 30.8

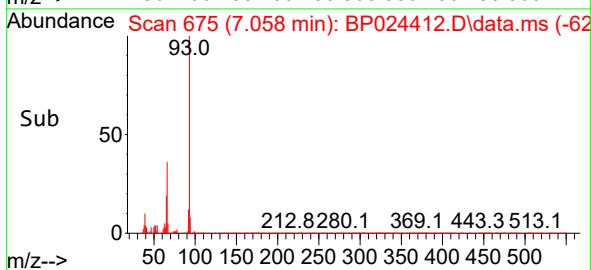
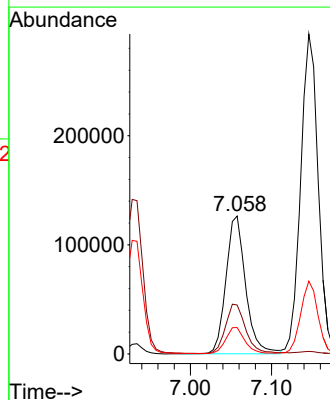
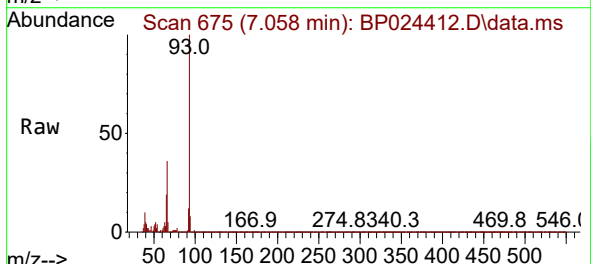
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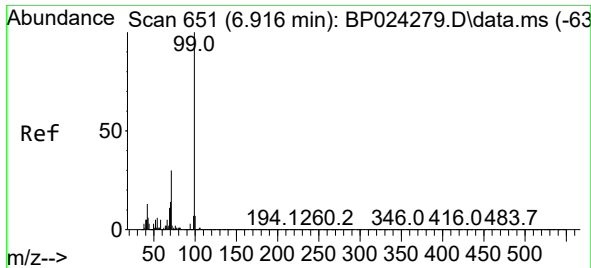
Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025



#6
Aniline
Concen: 17.812 ng
RT: 7.058 min Scan# 675
Delta R.T. -0.006 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

Tgt Ion: 93 Resp: 213443
Ion Ratio Lower Upper
93 100
66 35.5 29.1 43.7
65 19.1 14.7 22.1





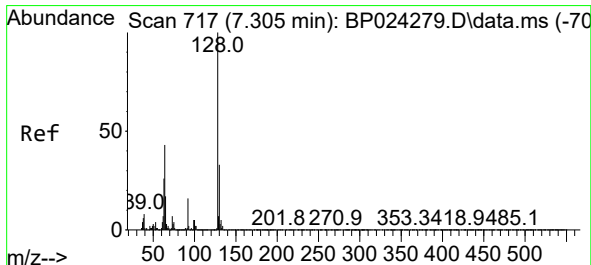
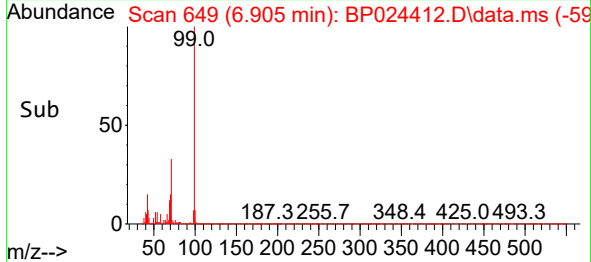
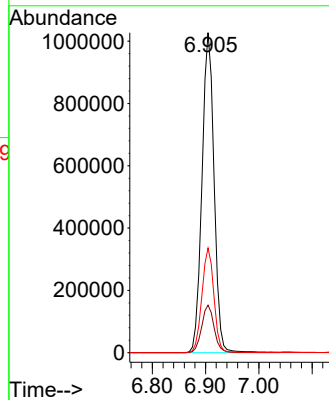
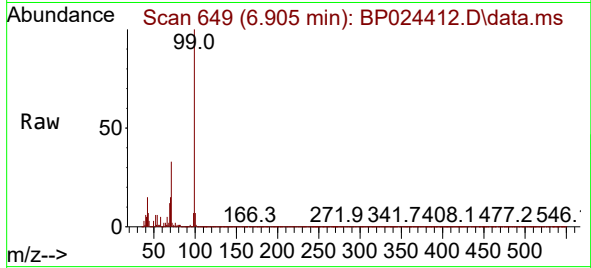
#7
Phenol-d6
Concen: 120.615 ng
RT: 6.905 min Scan# 649
Delta R.T. -0.006 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

Instrument :
BNA_P
ClientSampleId :
ETGI-354MSD

Tgt Ion: 99 Resp: 1617474
Ion Ratio Lower Upper
99 100
42 14.9 10.6 16.0
71 32.7 23.7 35.5

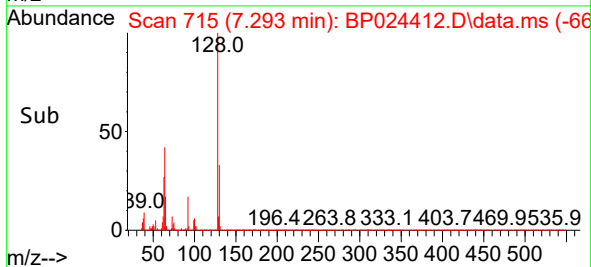
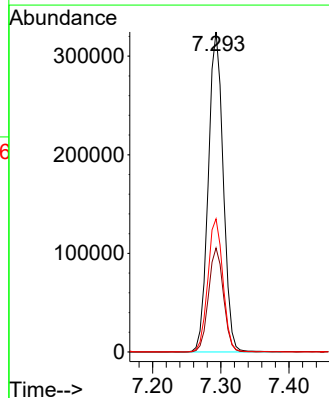
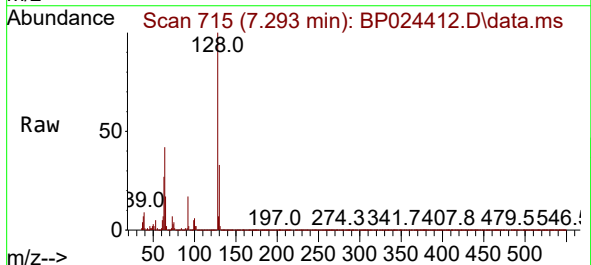
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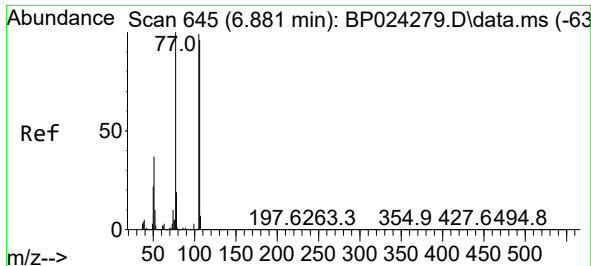
Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025



#8
2-Chlorophenol
Concen: 45.284 ng
RT: 7.293 min Scan# 715
Delta R.T. -0.006 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

Tgt Ion:128 Resp: 495160
Ion Ratio Lower Upper
128 100
130 32.5 12.9 52.9
64 41.6 22.7 62.7





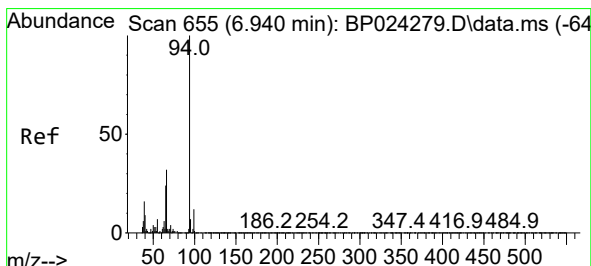
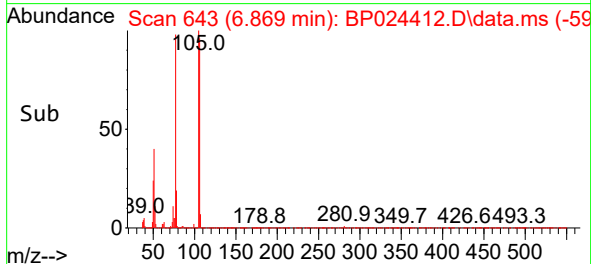
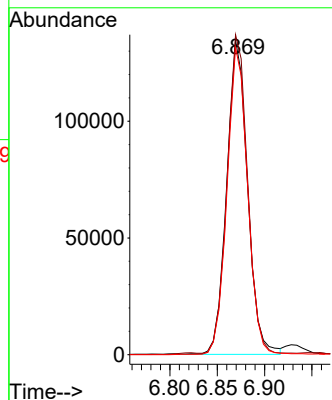
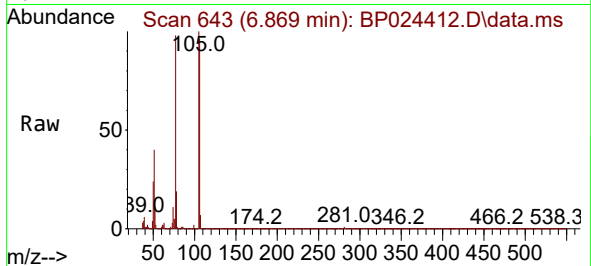
#9
Benzaldehyde
Concen: 31.031 ng
RT: 6.869 min Scan# 645
Delta R.T. -0.012 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion: 77 Resp: 205840
Ion Ratio Lower Upper
77 100
105 101.8 79.2 119.2
106 97.7 76.2 116.2

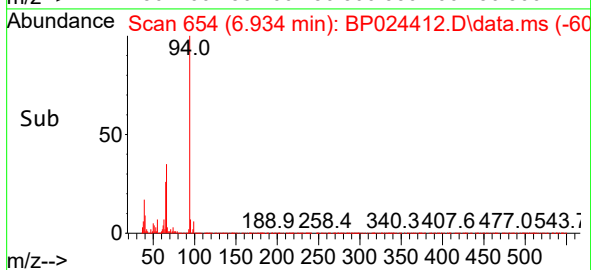
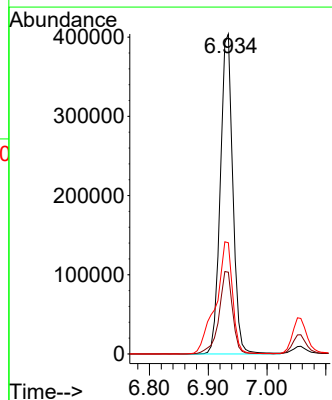
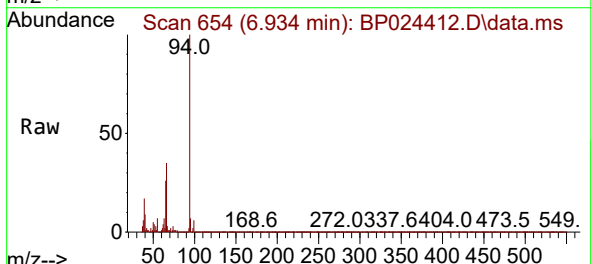
Manual Integrations
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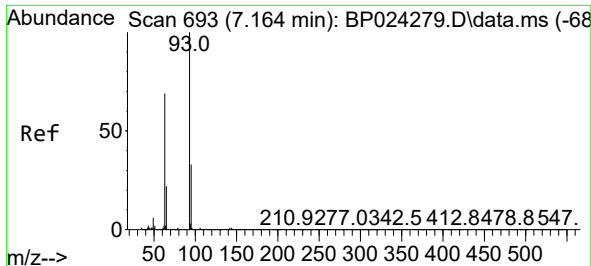
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Supervised By :Jagrut Upadhyay 04/25/2025



#10
Phenol
Concen: 44.230 ng
RT: 6.934 min Scan# 654
Delta R.T. -0.006 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

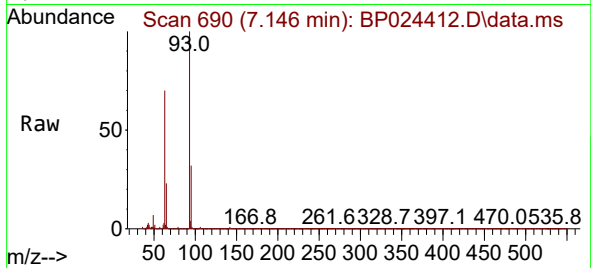
Tgt Ion: 94 Resp: 594997
Ion Ratio Lower Upper
94 100
65 25.5 4.5 44.5
66 34.8 12.4 52.4





#11
bis(2-Chloroethyl)ether
Concen: 40.852 ng
RT: 7.146 min Scan# 693
Delta R.T. -0.012 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

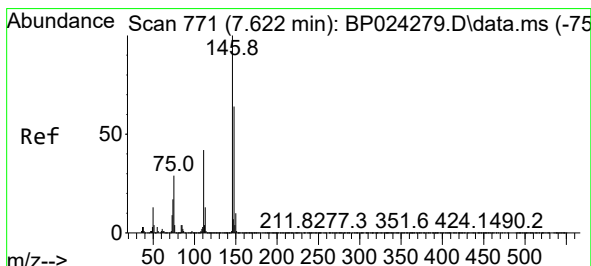
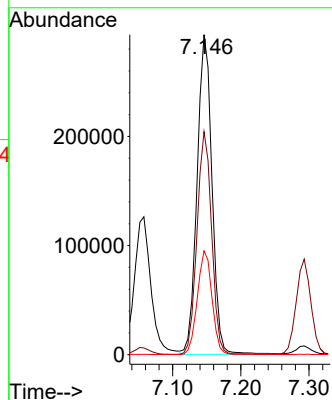
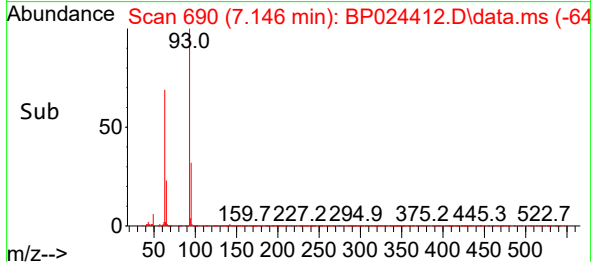
Instrument :
BNA_P
ClientSampleId :
ETGI-354MSD



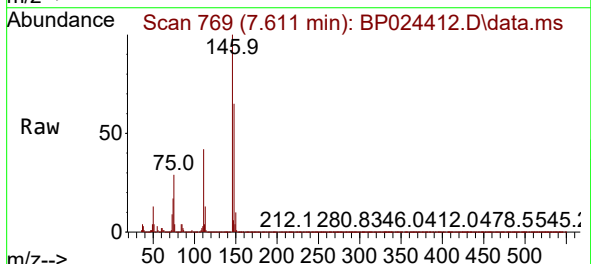
Tgt Ion: 93 Resp: 442789
Ion Ratio Lower Upper
93 100
63 69.7 48.6 88.6
95 32.5 12.3 52.3

Manual Integrations
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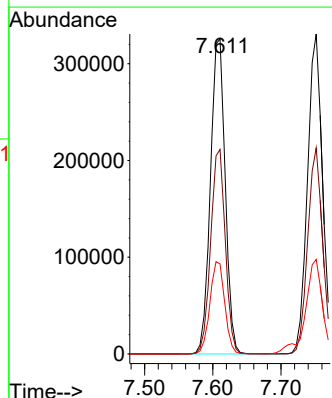
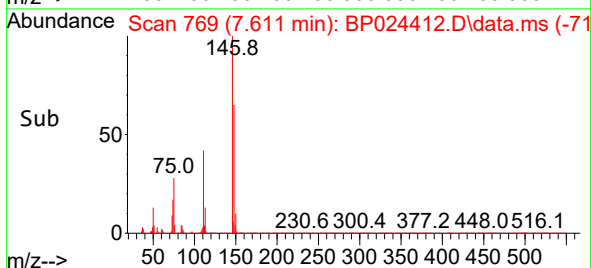
Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025

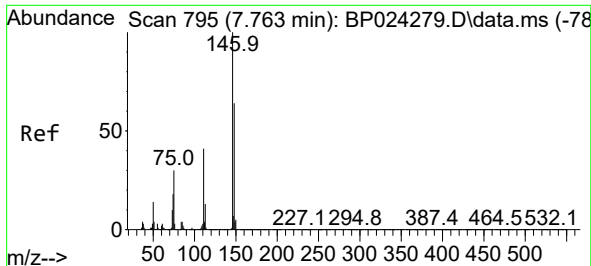


#12
1,3-Dichlorobenzene
Concen: 41.811 ng
RT: 7.611 min Scan# 769
Delta R.T. -0.006 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56



Tgt Ion:146 Resp: 492183
Ion Ratio Lower Upper
146 100
148 64.9 51.4 77.0
75 28.6 22.9 34.3





#13

1,4-Dichlorobenzene

Concen: 42.212 ng

RT: 7.752 min Scan# 795

Delta R.T. -0.006 min

Lab File: BP024412.D

Acq: 24 Apr 2025 17:56

Instrument :

BNA_P

ClientSampleId :

ETGI-354MSD

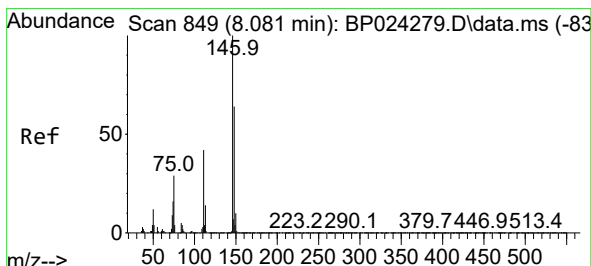
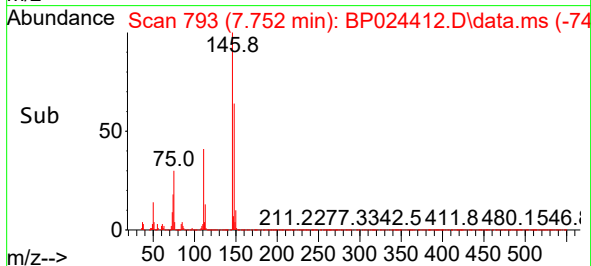
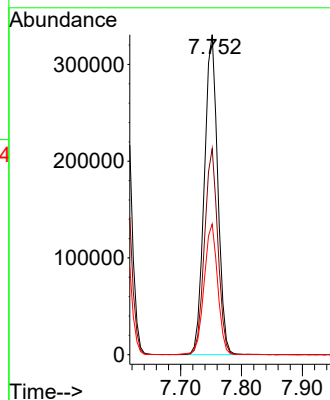
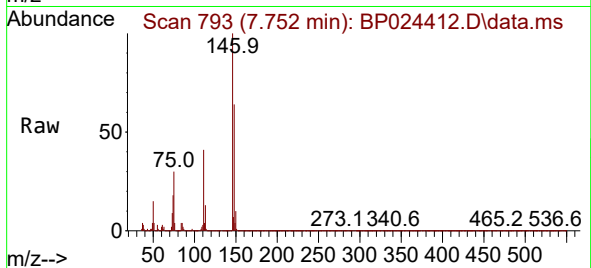
Tgt Ion:	146	Resp:	504169
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.1	76.7
111	40.9	32.6	48.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/25/2025

Supervised By :Jagrut Upadhyay 04/25/2025



#14

1,2-Dichlorobenzene

Concen: 42.481 ng

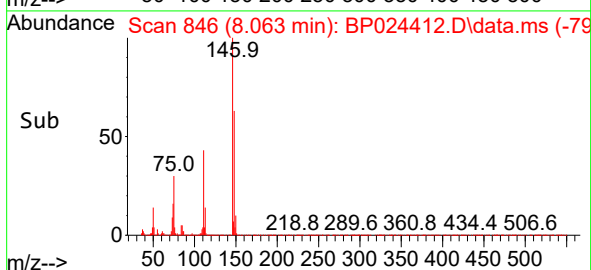
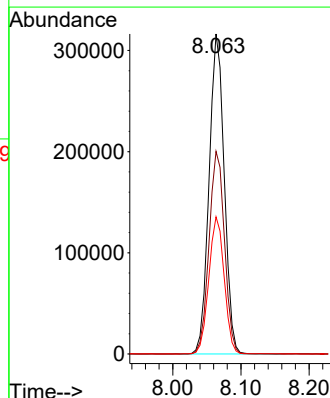
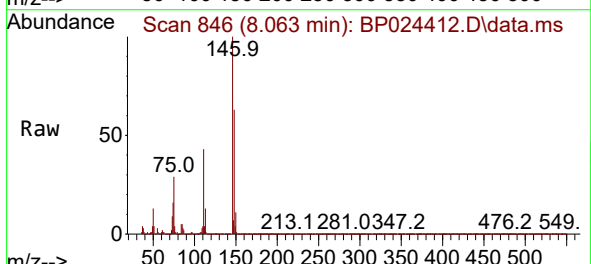
RT: 8.063 min Scan# 846

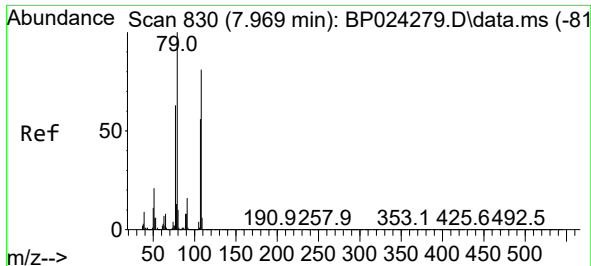
Delta R.T. -0.012 min

Lab File: BP024412.D

Acq: 24 Apr 2025 17:56

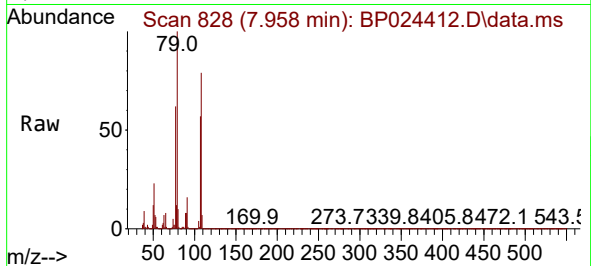
Tgt Ion:	146	Resp:	489946
Ion Ratio	Lower	Upper	
146	100		
148	63.3	51.0	76.4
111	42.9	33.8	50.8





#15
Benzyl Alcohol
Concen: 48.105 ng
RT: 7.958 min Scan# 811
Delta R.T. -0.006 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

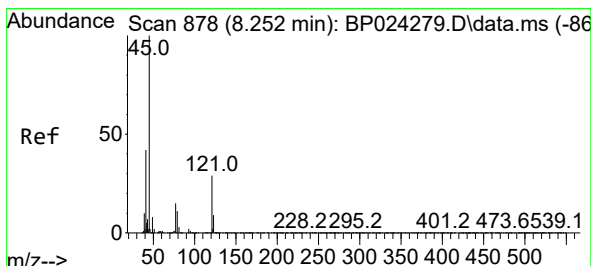
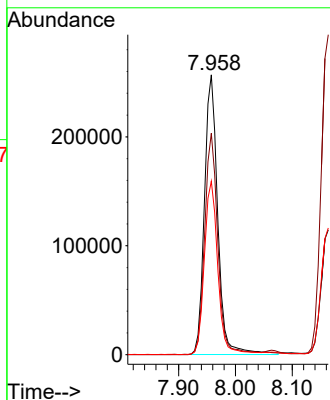
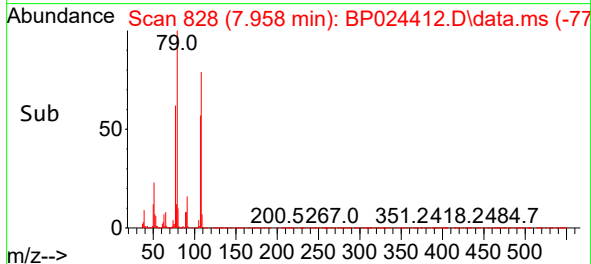
Instrument :
BNA_P
ClientSampleId :
ETGI-354MSD



Tgt Ion: 79 Resp: 417188
Ion Ratio Lower Upper
79 100
108 79.1 65.1 97.7
77 62.0 50.7 76.1

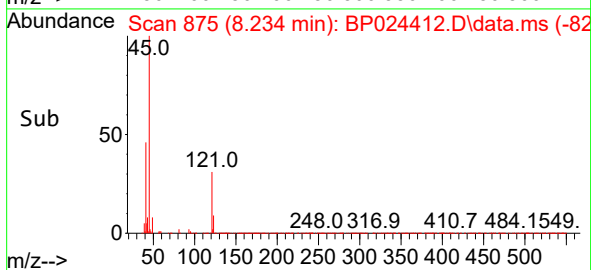
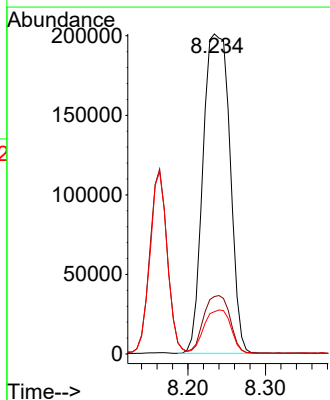
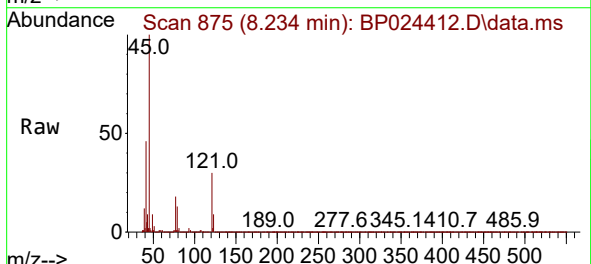
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.318 ng
RT: 8.234 min Scan# 875
Delta R.T. -0.012 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

Tgt Ion: 45 Resp: 484068
Ion Ratio Lower Upper
45 100
77 18.0 0.0 37.7
79 13.2 0.0 33.5





#17
2-Methylphenol
Concen: 47.757 ng
RT: 8.163 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

Instrument :

BNA_P

ClientSampleId :

ETGI-354MSD

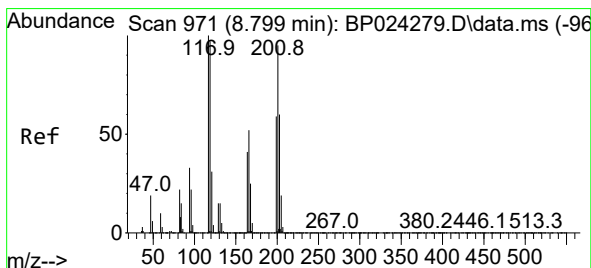
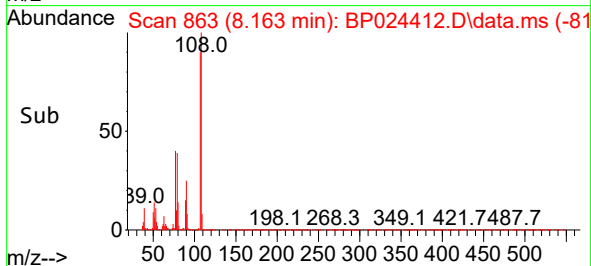
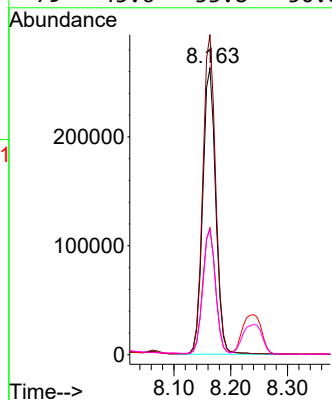
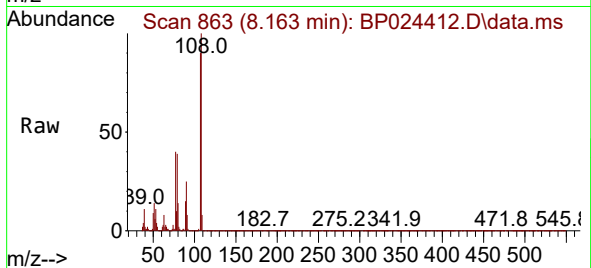
Tgt Ion:107 Resp: 415599
Ion Ratio Lower Upper
107 100
108 111.7 89.8 134.6
77 44.2 34.2 51.4
79 43.6 33.8 50.8

Manual Integrations

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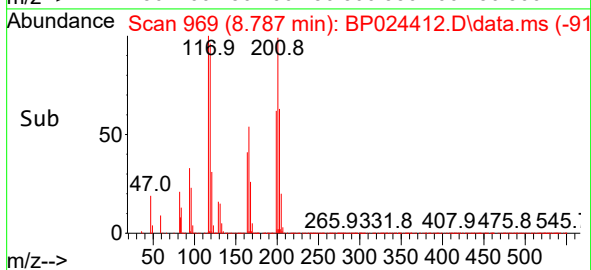
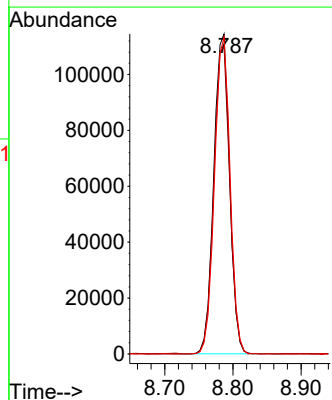
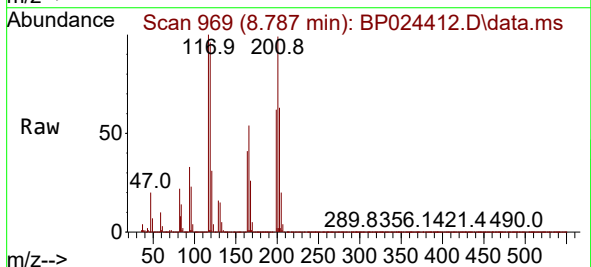
Reviewed By :Rahul Chavli 04/25/2025

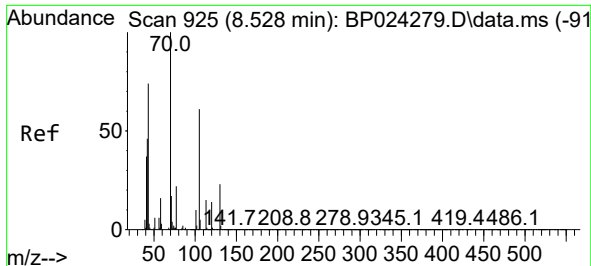
Supervised By :Jagrut Upadhyay 04/25/2025



#18
Hexachloroethane
Concen: 42.788 ng
RT: 8.787 min Scan# 969
Delta R.T. -0.006 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

Tgt Ion:117 Resp: 184688
Ion Ratio Lower Upper
117 100
119 96.2 77.8 116.6
201 99.0 75.9 113.9





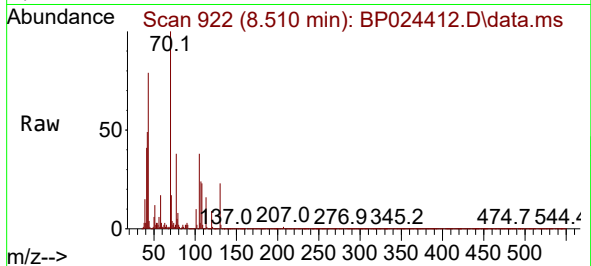
#19
n-Nitroso-di-n-propylamine
Concen: 40.358 ng
RT: 8.510 min Scan# 918
Delta R.T. -0.012 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

Instrument :

BNA_P

ClientSampleId :

ETGI-354MSD

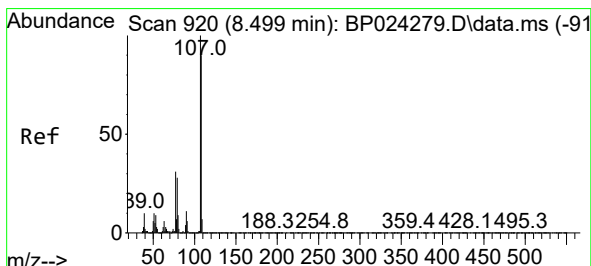
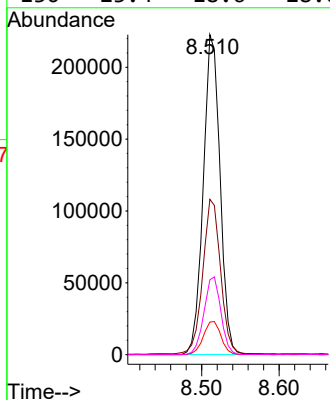
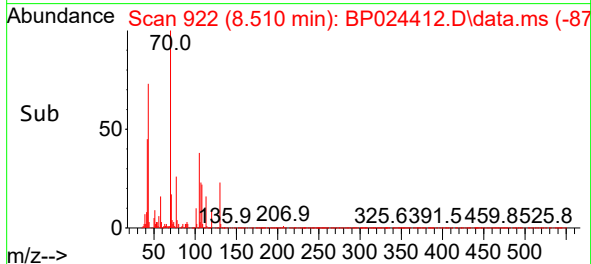


Tgt Ion: 70 Resp: 334820
Ion Ratio Lower Upper
70 100
42 48.5 37.3 55.9
101 10.2 8.2 12.4
130 23.4 18.6 28.0

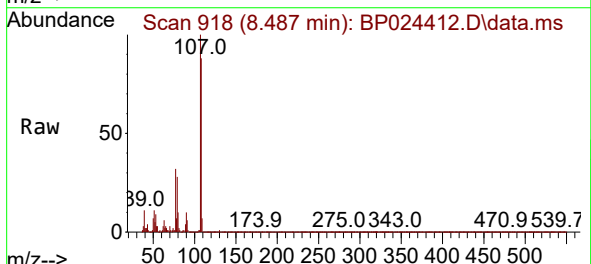
Manual Integrations

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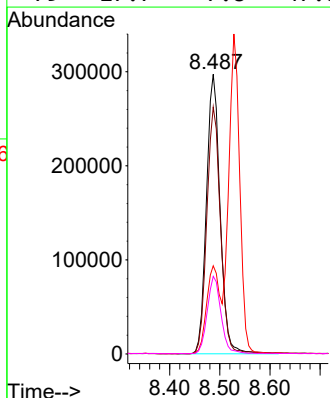
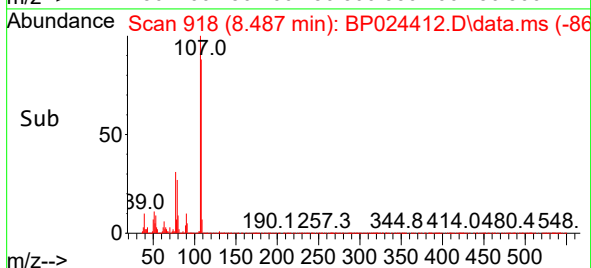
Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025

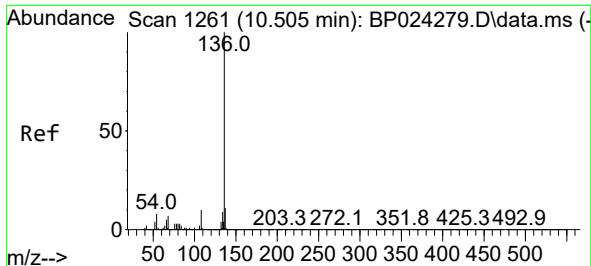


#20
3+4-Methylphenols
Concen: 46.520 ng
RT: 8.487 min Scan# 918
Delta R.T. -0.006 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56



Tgt Ion:107 Resp: 561733
Ion Ratio Lower Upper
107 100
108 88.3 69.8 109.8
77 31.5 11.5 51.5
79 27.7 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: BP024412.D
Acq: 24 Apr 2025 17:56

Instrument :

BNA_P

ClientSampleId :

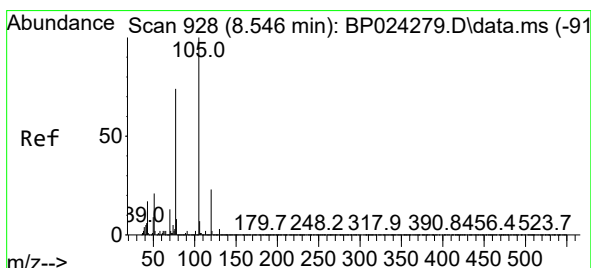
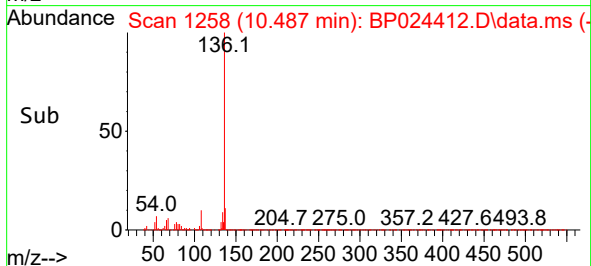
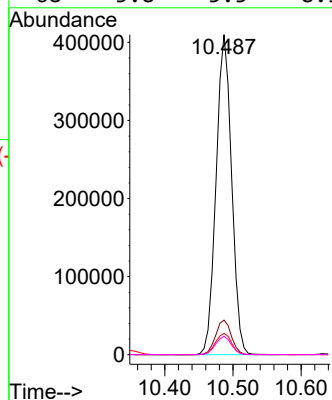
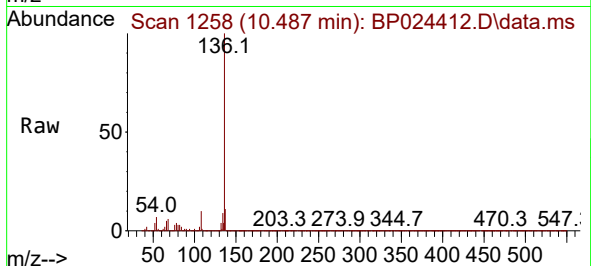
ETGI-354MSD

Tgt Ion:136 Resp: 649338
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 6.6 6.0 9.0
68 5.8 5.5 8.3

Manual Integrations

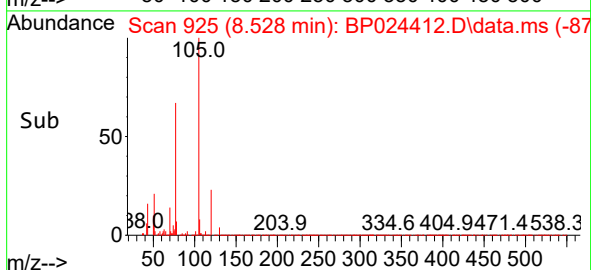
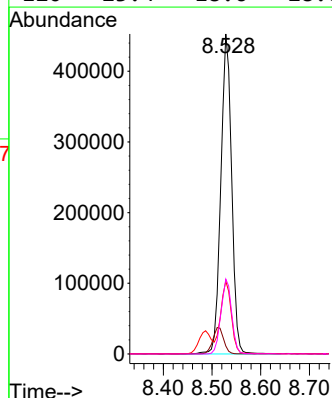
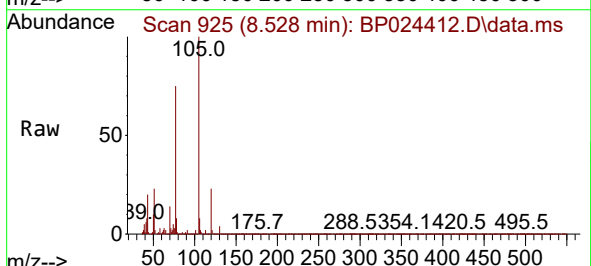
APPROVED

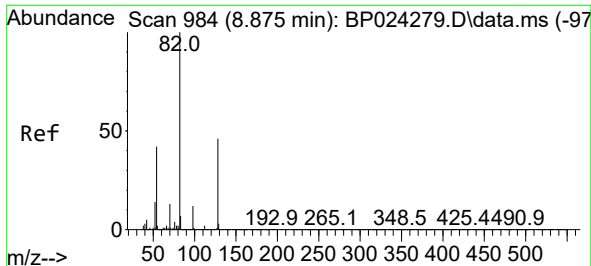
Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025



#22
Acetophenone
Concen: 43.418 ng
RT: 8.528 min Scan# 925
Delta R.T. -0.012 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

Tgt Ion:105 Resp: 697797
Ion Ratio Lower Upper
105 100
71 2.5 1.7 2.5
51 22.8 16.9 25.3
120 23.4 18.6 28.0





#23
Nitrobenzene-d5
Concen: 88.550 ng
RT: 8.863 min Scan# 982
Delta R.T. -0.006 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

Instrument :

BNA_P

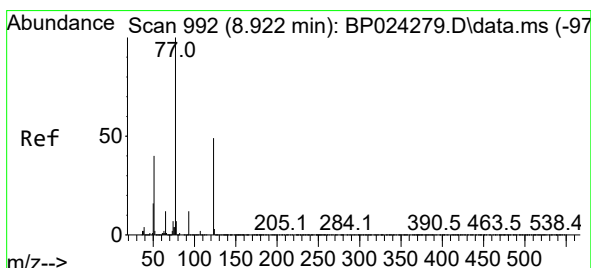
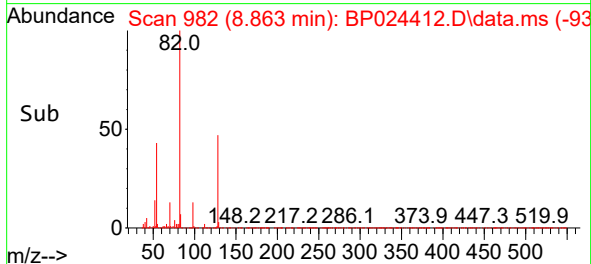
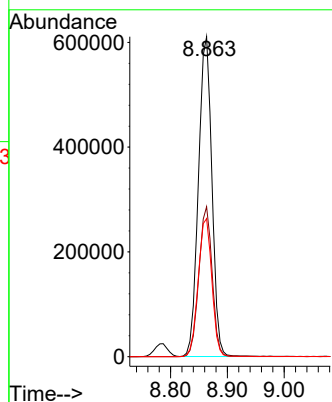
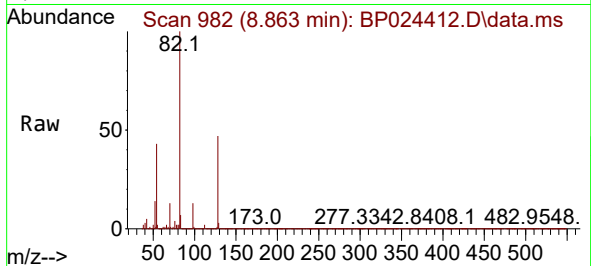
ClientSampleId :

ETGI-354MSD

Tgt Ion: 82 Resp: 100837
Ion Ratio Lower Upper
82 100
128 46.8 36.5 54.7
54 43.2 33.4 50.2

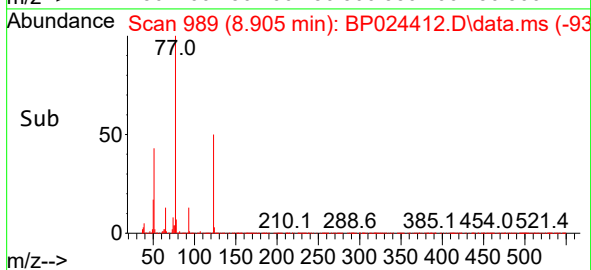
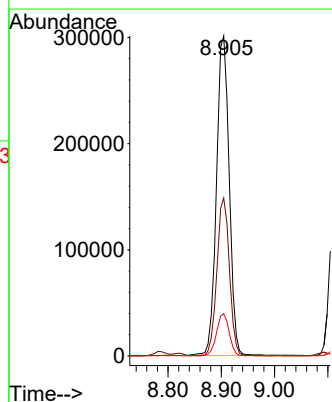
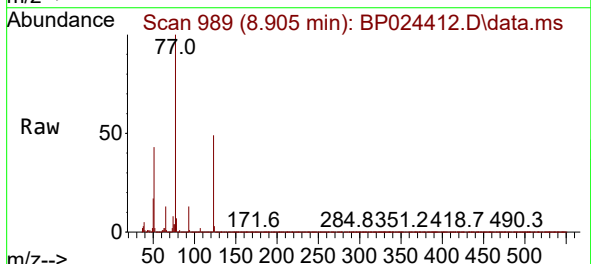
Manual Integrations
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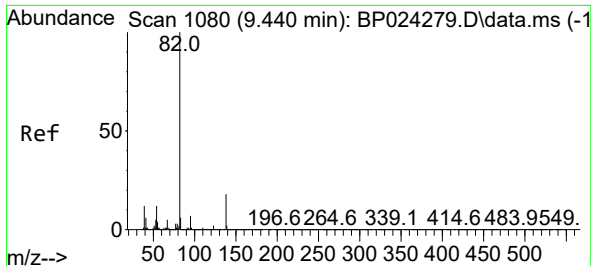
Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025



#24
Nitrobenzene
Concen: 44.331 ng
RT: 8.905 min Scan# 989
Delta R.T. -0.006 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

Tgt Ion: 77 Resp: 499400
Ion Ratio Lower Upper
77 100
123 49.3 39.2 58.8
65 13.2 9.8 14.6





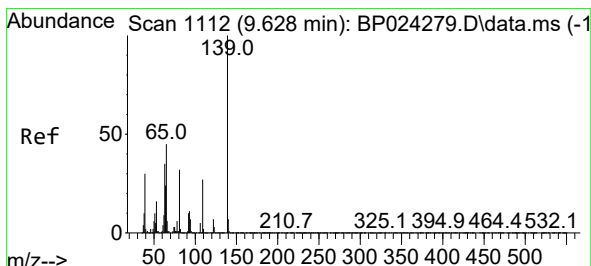
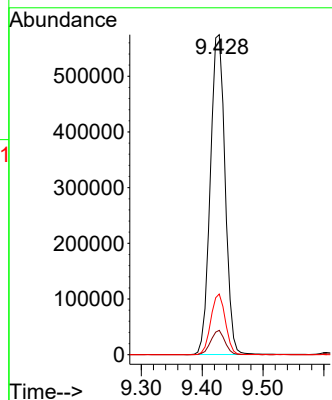
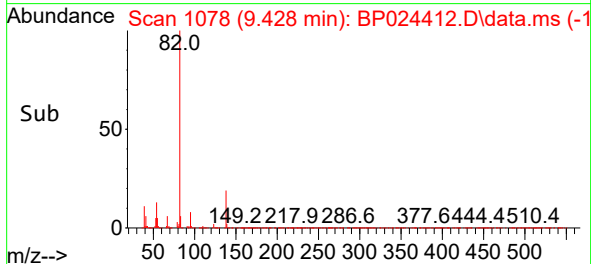
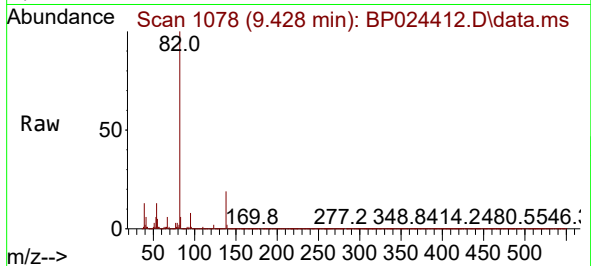
#25
Isophorone
Concen: 46.940 ng
RT: 9.428 min Scan# 1080
Delta R.T. 0.000 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

Instrument :
BNA_P
ClientSampleId :
ETGI-354MSD

Tgt Ion: 82 Resp: 96754
Ion Ratio Lower Upper
82 100
95 7.6 5.4 8.2
138 19.0 14.4 21.6

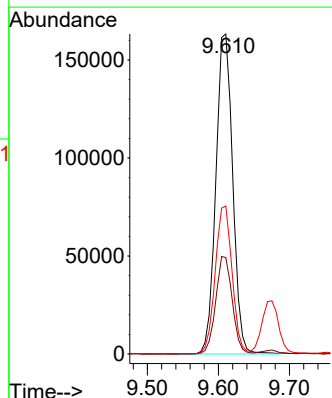
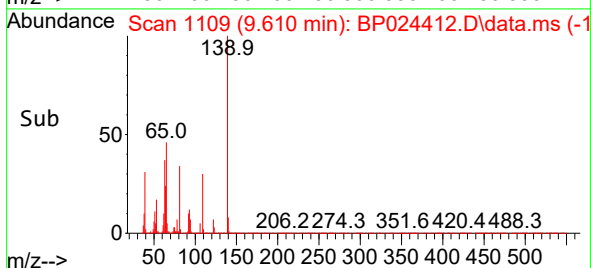
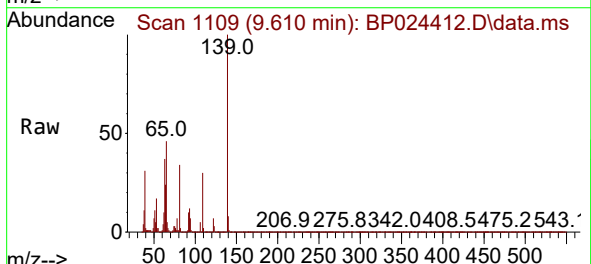
Manual Integrations
APPROVED

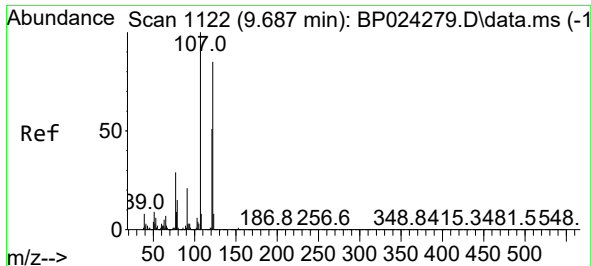
Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025



#26
2-Nitrophenol
Concen: 48.648 ng
RT: 9.610 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

Tgt Ion:139 Resp: 268195
Ion Ratio Lower Upper
139 100
109 30.1 21.8 32.6
65 46.2 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 67.384 ng

RT: 9.675 min Scan# 1122

Delta R.T. -0.006 min

Lab File: BP024412.D

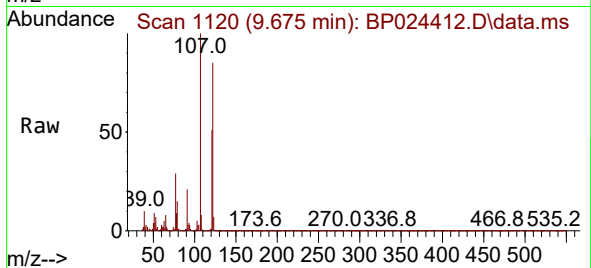
Acq: 24 Apr 2025 17:56

Instrument :

BNA_P

ClientSampleId :

ETGI-354MSD



Tgt Ion:122 Resp: 46644

Ion Ratio Lower Upper

122 100

107 117.9 93.7 140.5

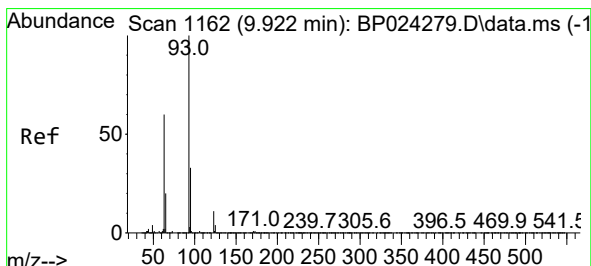
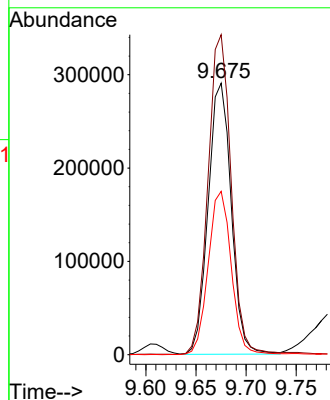
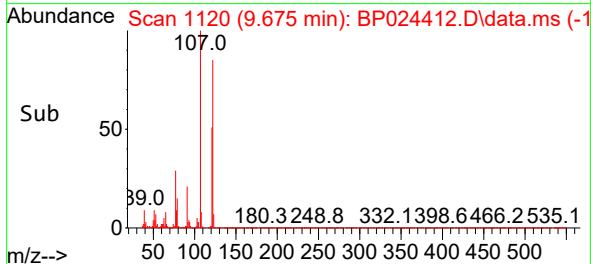
121 60.2 48.2 72.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/25/2025

Supervised By :Jagrut Upadhyay 04/25/2025



#28

bis(2-Chloroethoxy)methane

Concen: 42.738 ng

RT: 9.899 min Scan# 1158

Delta R.T. -0.012 min

Lab File: BP024412.D

Acq: 24 Apr 2025 17:56

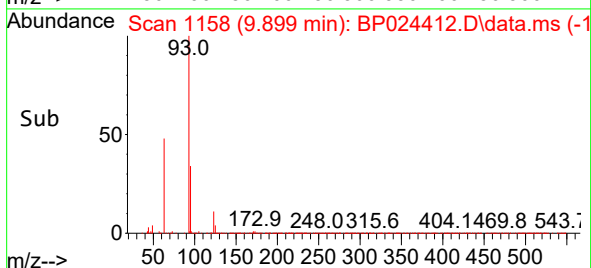
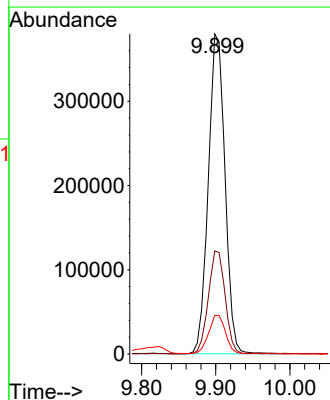
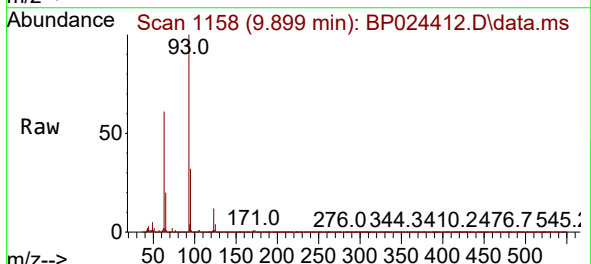
Tgt Ion: 93 Resp: 595109

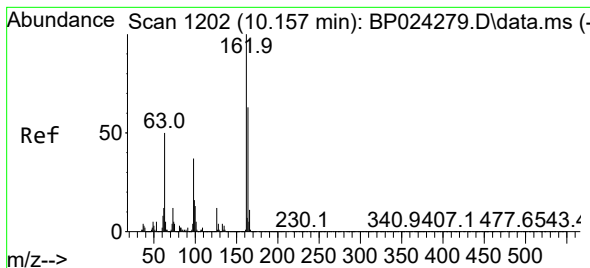
Ion Ratio Lower Upper

93 100

95 32.2 26.0 39.0

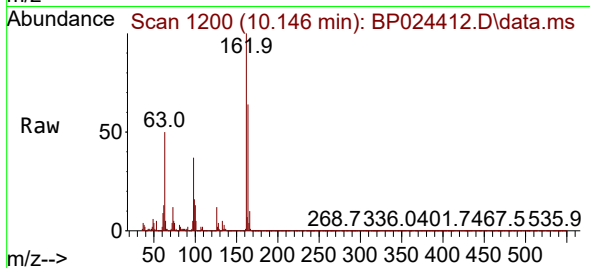
123 12.0 9.1 13.7





#29
2,4-Dichlorophenol
Concen: 48.749 ng
RT: 10.146 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

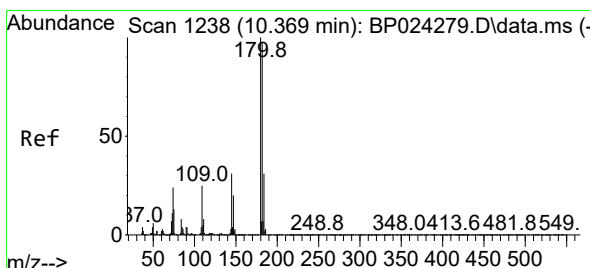
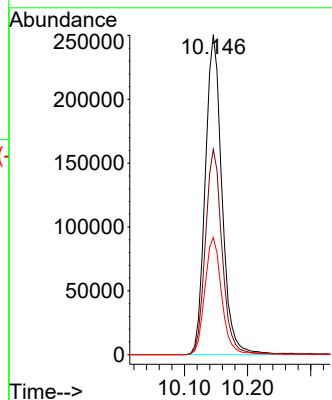
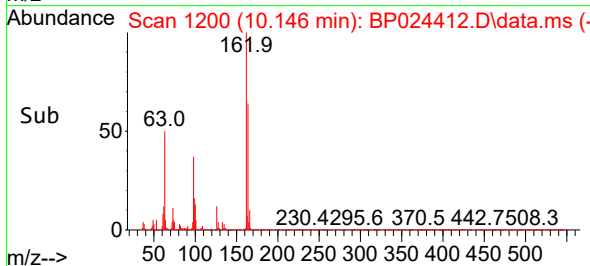
Instrument :
BNA_P
ClientSampleId :
ETGI-354MSD



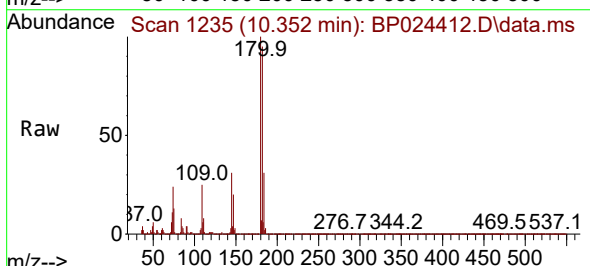
Tgt Ion:162 Resp: 460114
Ion Ratio Lower Upper
162 100
164 64.2 43.3 83.3
98 36.6 16.6 56.6

Manual Integrations
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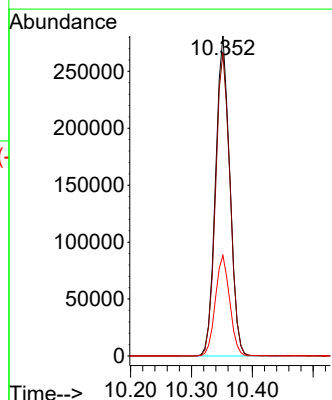
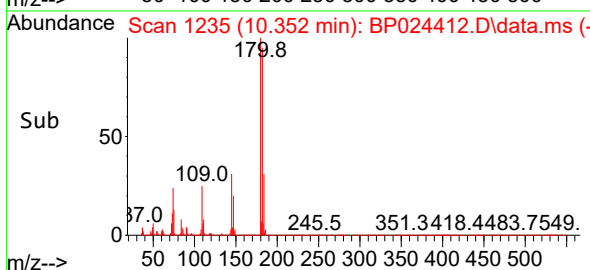
Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025

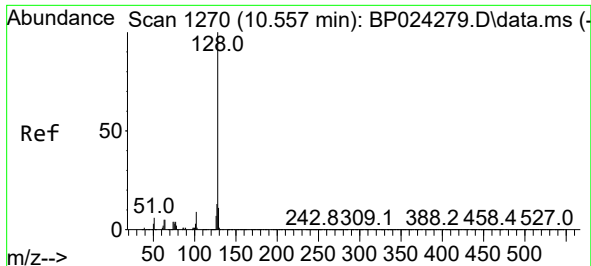


#30
1,2,4-Trichlorobenzene
Concen: 45.184 ng
RT: 10.352 min Scan# 1235
Delta R.T. -0.012 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56



Tgt Ion:180 Resp: 456921
Ion Ratio Lower Upper
180 100
182 94.7 77.3 115.9
145 31.4 25.1 37.7





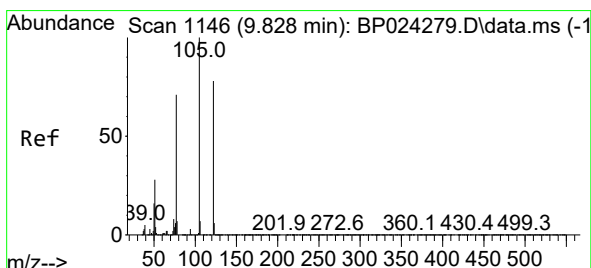
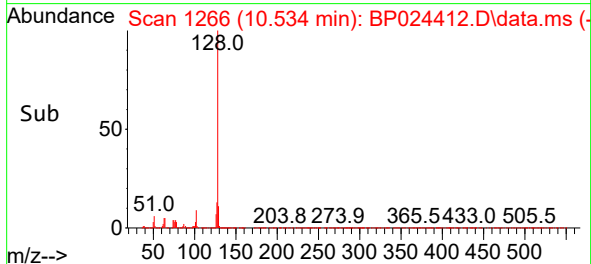
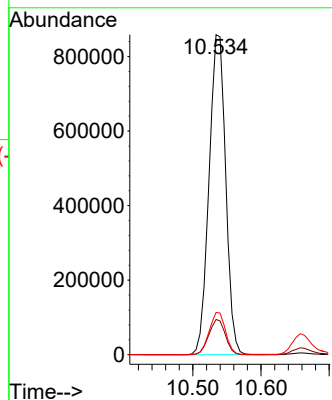
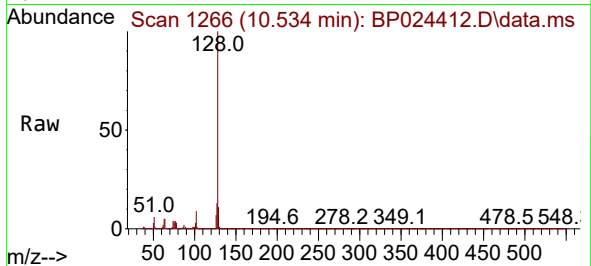
#31
Naphthalene
Concen: 42.633 ng
RT: 10.534 min Scan# 1126
Delta R.T. -0.012 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

Instrument :
BNA_P
ClientSampleId :
ETGI-354MSD

Tgt Ion:128 Resp: 145824
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.2 10.3 15.5

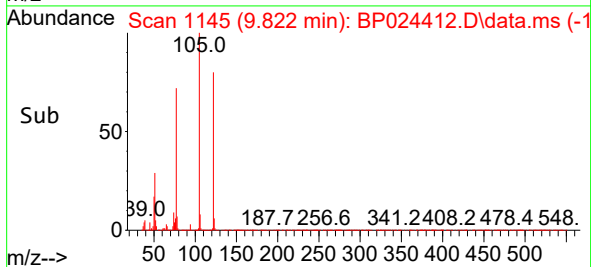
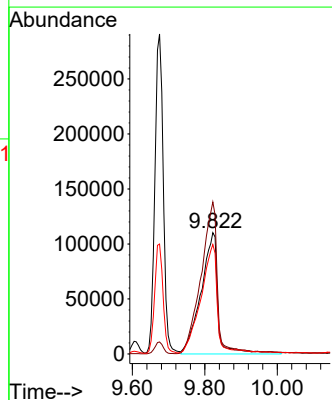
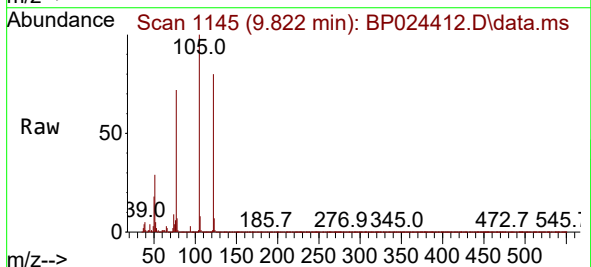
Manual Integrations
APPROVED

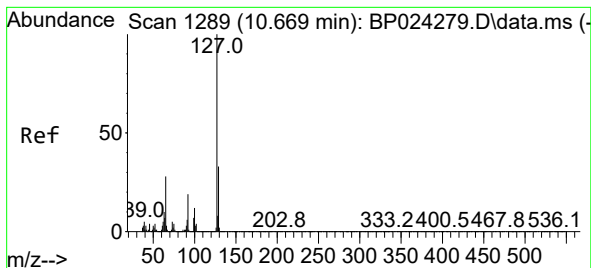
Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025



#32
Benzoic acid
Concen: 44.537 ng m
RT: 9.822 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

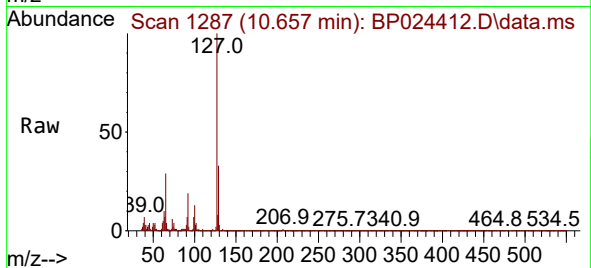
Tgt Ion:122 Resp: 359228
Ion Ratio Lower Upper
122 100
105 125.3 104.8 144.8
77 90.2 69.2 109.2





#33
4-Chloroaniline
Concen: 10.380 ng
RT: 10.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

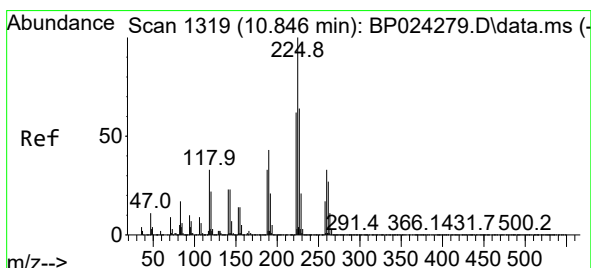
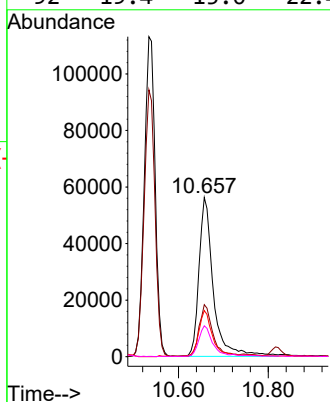
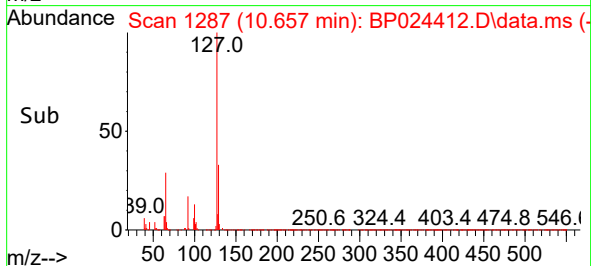
Instrument :
BNA_P
ClientSampleId :
ETGI-354MSD



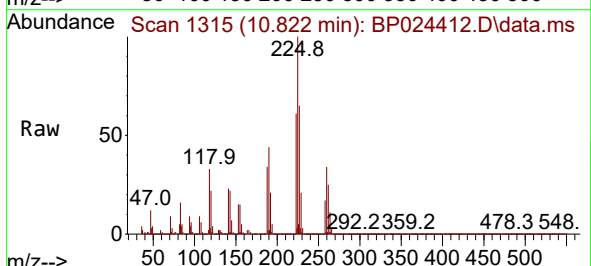
Tgt Ion:127 Resp: 125030
Ion Ratio Lower Upper
127 100
129 32.6 26.1 39.1
65 29.0 22.1 33.1
92 19.4 15.0 22.4

Manual Integrations
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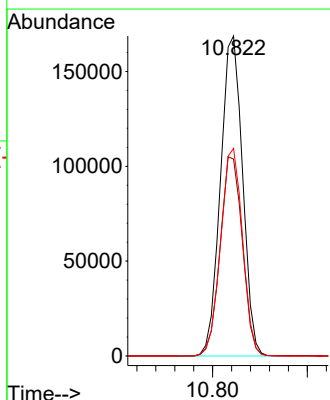
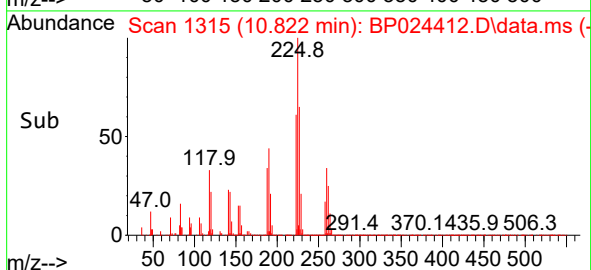
Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025

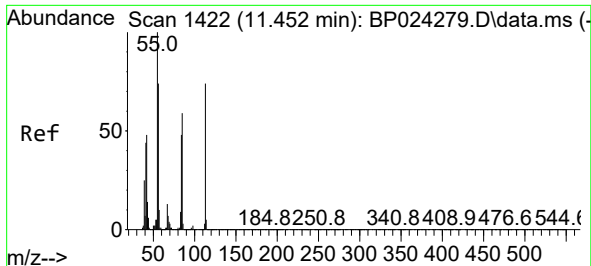


#34
Hexachlorobutadiene
Concen: 45.935 ng
RT: 10.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56



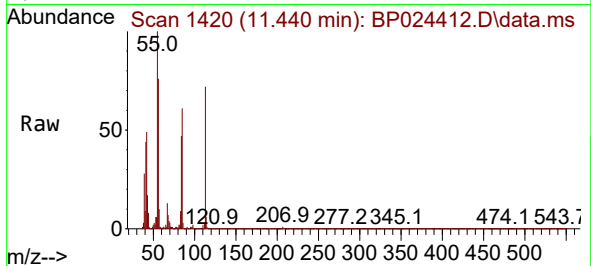
Tgt Ion:225 Resp: 272964
Ion Ratio Lower Upper
225 100
223 61.5 49.5 74.3
227 64.8 50.9 76.3





#35
Caprolactam
Concen: 43.320 ng
RT: 11.440 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

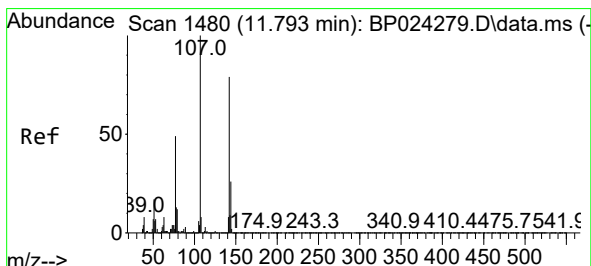
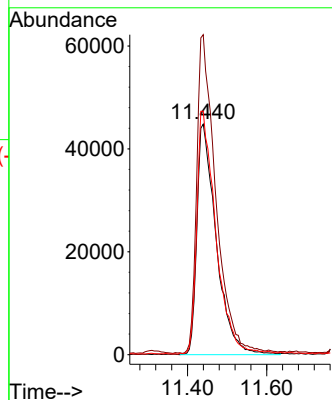
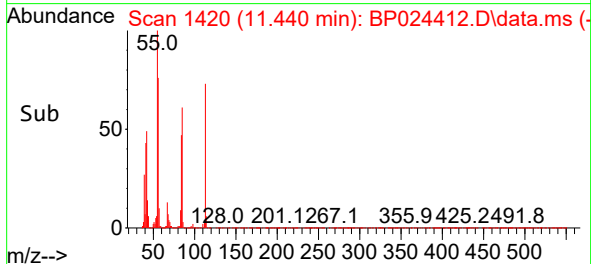
Instrument :
BNA_P
ClientSampleId :
ETGI-354MSD



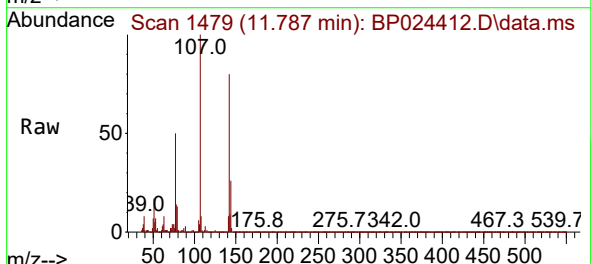
Tgt Ion:113 Resp: 15086
Ion Ratio Lower Upper
113 100
55 138.8 115.9 155.9
56 105.6 81.1 121.1

Manual Integrations
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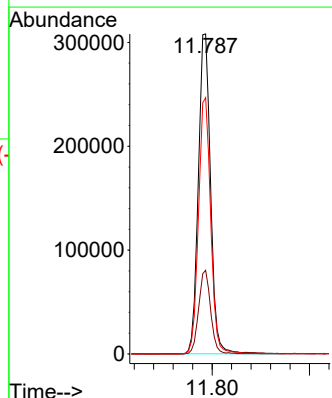
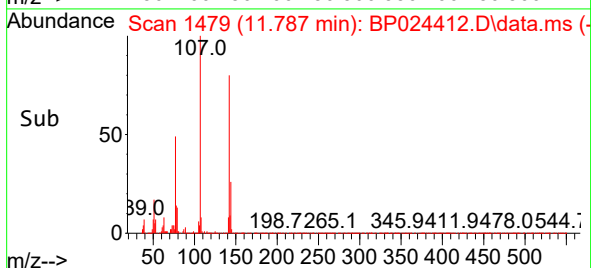
Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025

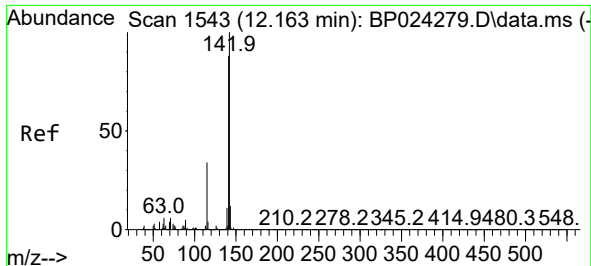


#36
4-Chloro-3-methylphenol
Concen: 49.257 ng
RT: 11.787 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56



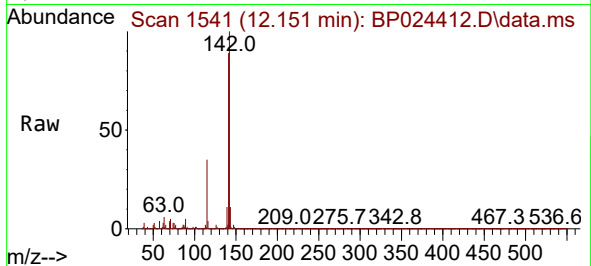
Tgt Ion:107 Resp: 541513
Ion Ratio Lower Upper
107 100
144 26.2 20.5 30.7
142 80.1 63.4 95.2





#37
2-Methylnaphthalene
Concen: 39.715 ng
RT: 12.151 min Scan# 1541
Delta R.T. -0.006 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

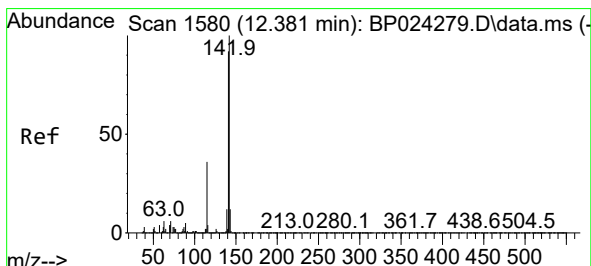
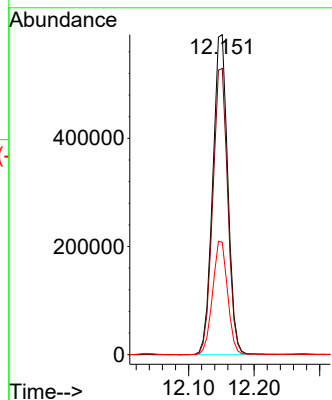
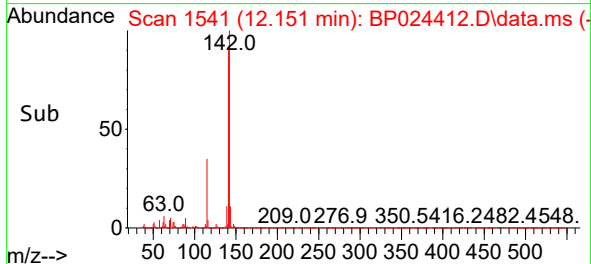
Instrument :
BNA_P
ClientSampleId :
ETGI-354MSD



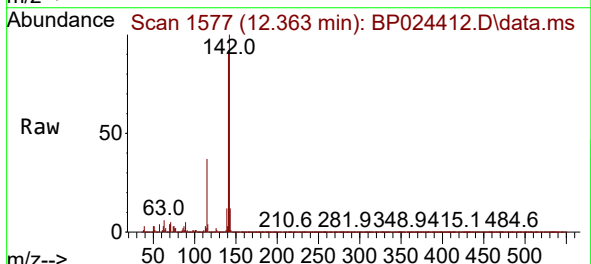
Tgt Ion:142 Resp: 942110
Ion Ratio Lower Upper
142 100
141 89.4 70.3 105.5
115 35.1 26.9 40.3

Manual Integrations
APPROVED

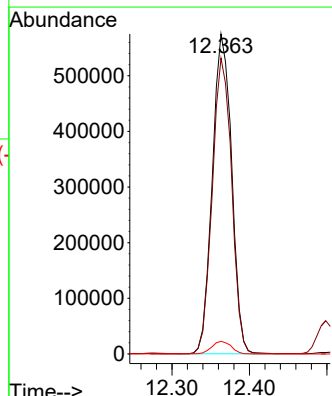
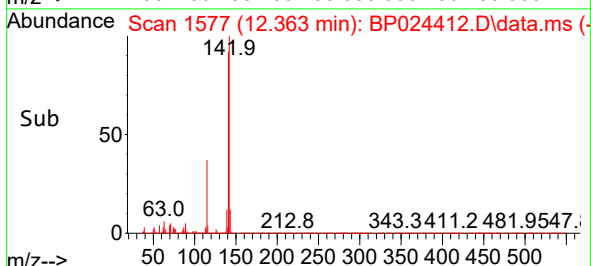
Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025

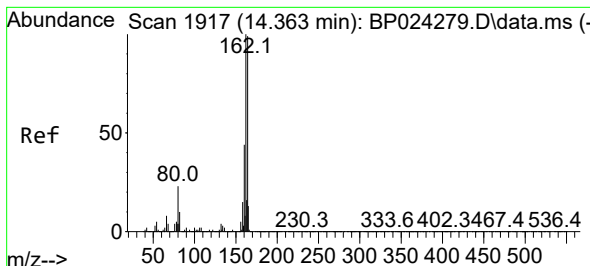


#38
1-Methylnaphthalene
Concen: 42.900 ng
RT: 12.363 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56



Tgt Ion:142 Resp: 995540
Ion Ratio Lower Upper
142 100
141 92.4 73.6 110.4
116 3.9 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.340 min Scan# 1917

Delta R.T. -0.012 min

Lab File: BP024412.D

Acq: 24 Apr 2025 17:56

Instrument :

BNA_P

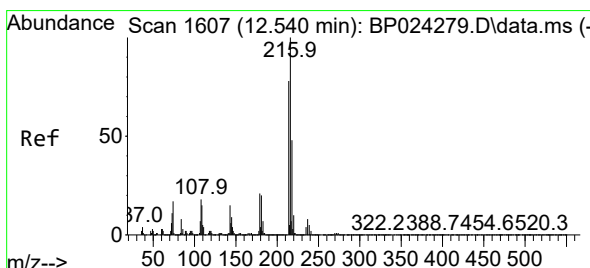
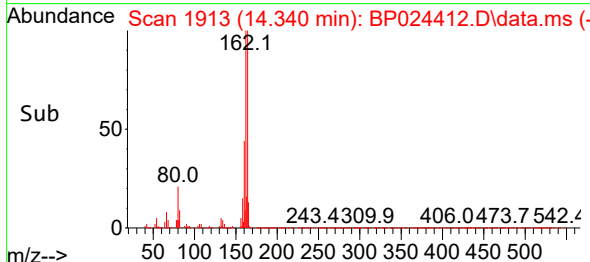
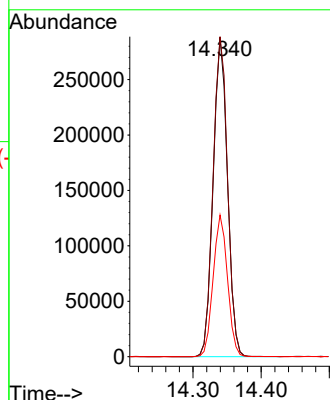
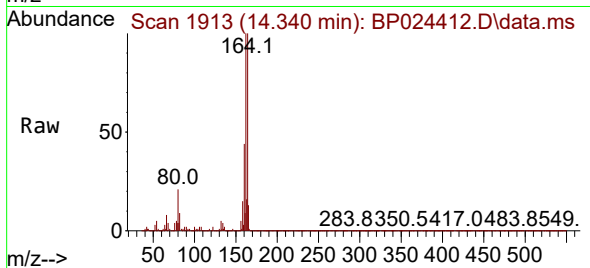
ClientSampleId :

ETGI-354MSD

Tgt Ion:164 Resp: 420794
 Ion Ratio Lower Upper
 164 100
 162 100.2 80.6 120.8
 160 44.3 35.3 52.9

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 04/25/2025
 Supervised By :Jagrut Upadhyay 04/25/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.385 ng

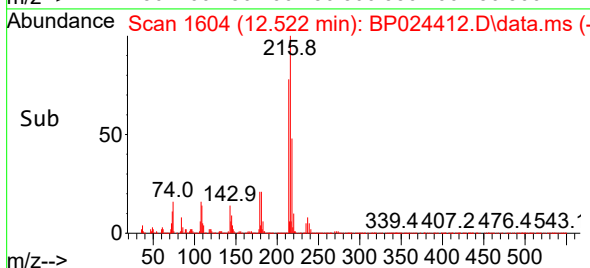
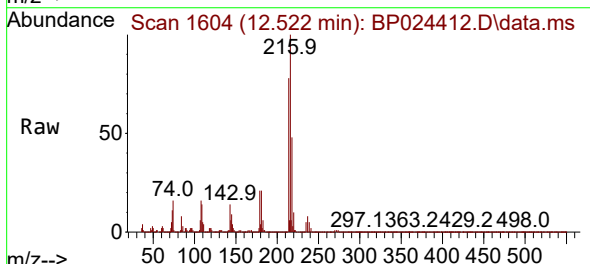
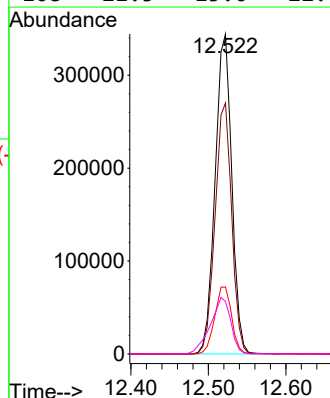
RT: 12.522 min Scan# 1604

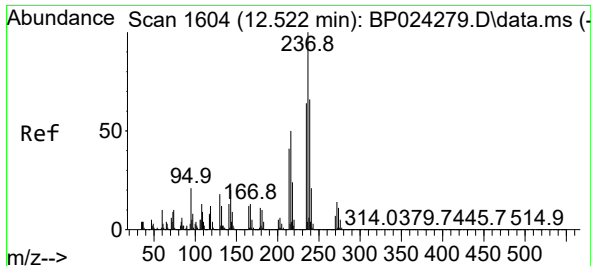
Delta R.T. -0.006 min

Lab File: BP024412.D

Acq: 24 Apr 2025 17:56

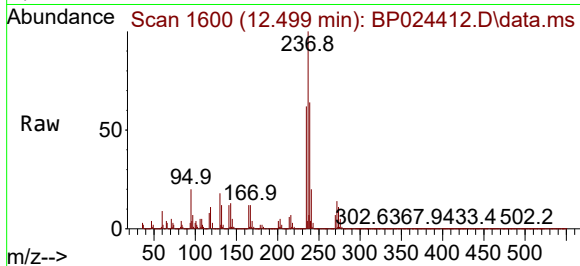
Tgt Ion:216 Resp: 513618
 Ion Ratio Lower Upper
 216 100
 214 78.4 62.6 93.8
 179 21.4 17.2 25.8
 108 21.5 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 175.168 ng
RT: 12.499 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

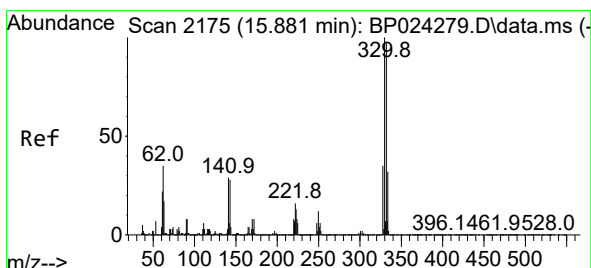
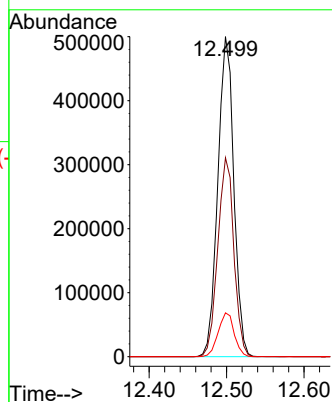
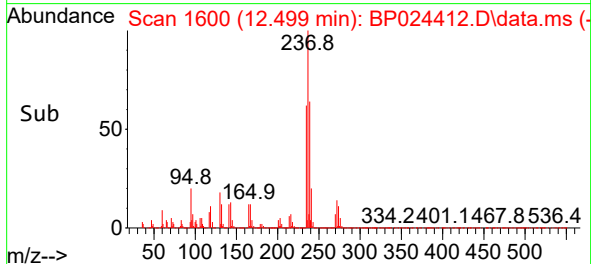
Instrument :
BNA_P
ClientSampleId :
ETGI-354MSD



Tgt Ion: 237 Resp: 71690
Ion Ratio Lower Upper
237 100
235 62.2 43.9 83.9
272 13.7 0.0 33.6

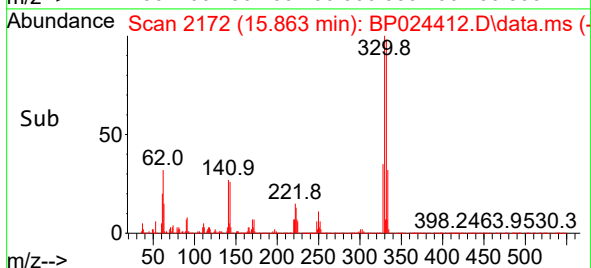
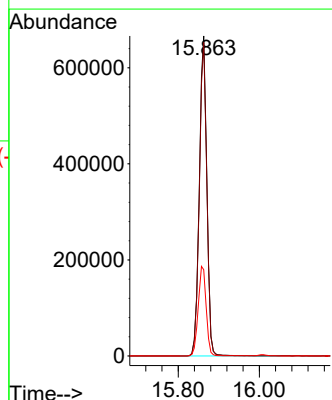
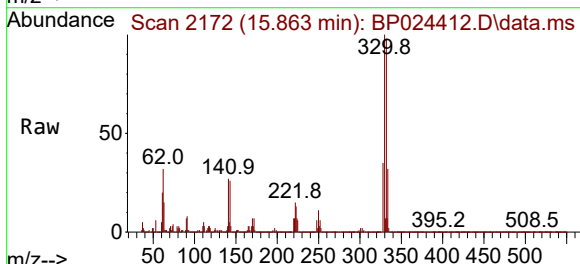
Manual Integrations
APPROVED

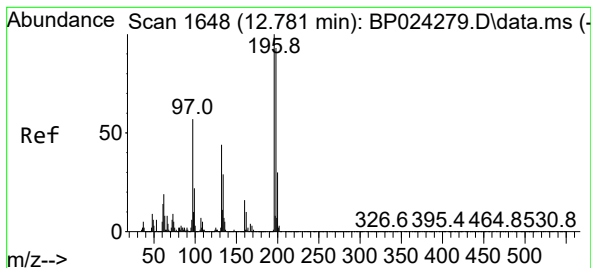
Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025



#42
2,4,6-Tribromophenol
Concen: 148.731 ng
RT: 15.863 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

Tgt Ion: 330 Resp: 865897
Ion Ratio Lower Upper
330 100
332 97.4 77.1 115.7
141 29.6 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 49.603 ng

RT: 12.763 min Scan# 1645

Delta R.T. -0.012 min

Lab File: BP024412.D

Acq: 24 Apr 2025 17:56

Instrument :

BNA_P

ClientSampleId :

ETGI-354MSD

Tgt Ion:196 Resp: 381624

Ion Ratio Lower Upper

196 100

198 95.0 74.3 111.5

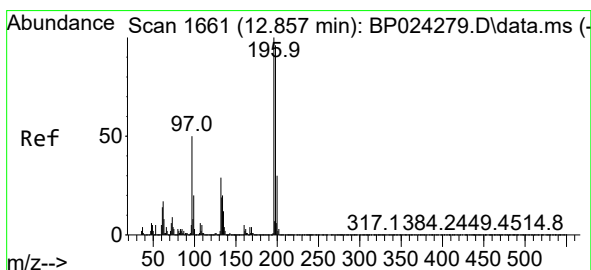
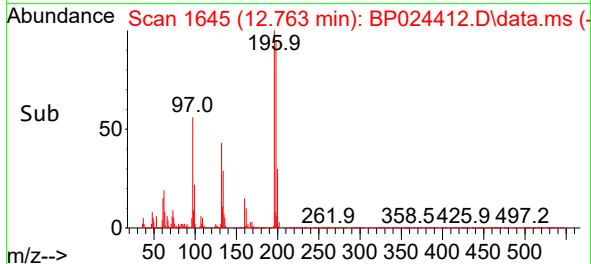
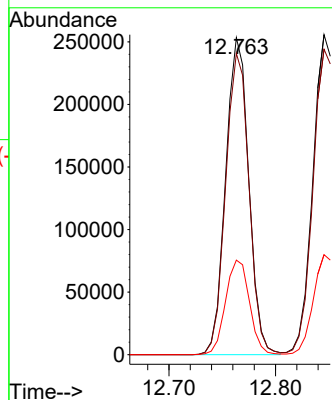
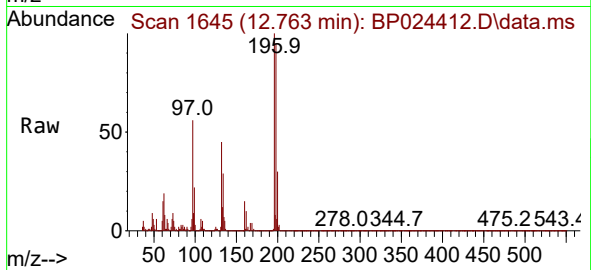
200 29.8 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/25/2025

Supervised By :Jagrut Upadhyay 04/25/2025



#44

2,4,5-Trichlorophenol

Concen: 49.615 ng

RT: 12.846 min Scan# 1659

Delta R.T. -0.012 min

Lab File: BP024412.D

Acq: 24 Apr 2025 17:56

Tgt Ion:196 Resp: 422707

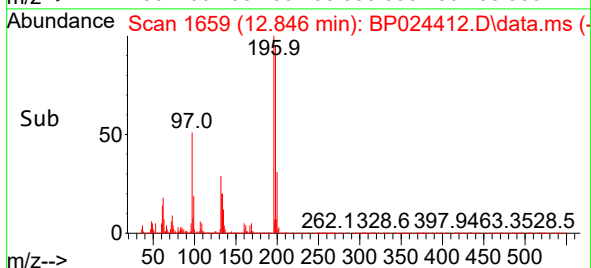
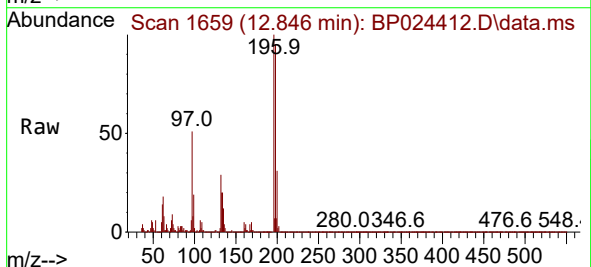
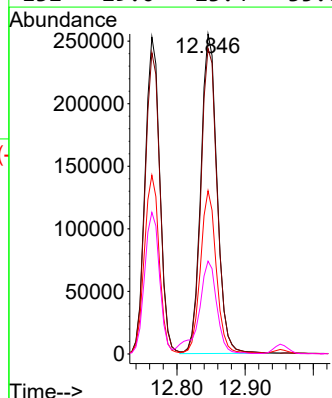
Ion Ratio Lower Upper

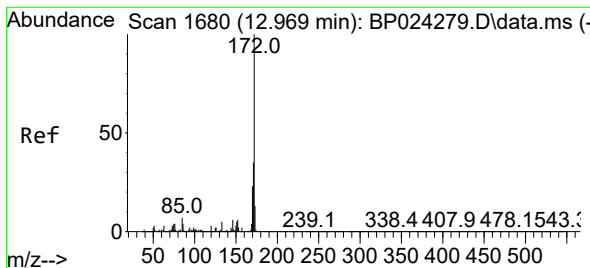
196 100

198 95.5 77.3 115.9

97 51.0 40.4 60.6

132 29.0 23.4 35.0





#45
2-Fluorobiphenyl
Concen: 81.985 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.012 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

Instrument :

BNA_P

ClientSampleId :

ETGI-354MSD

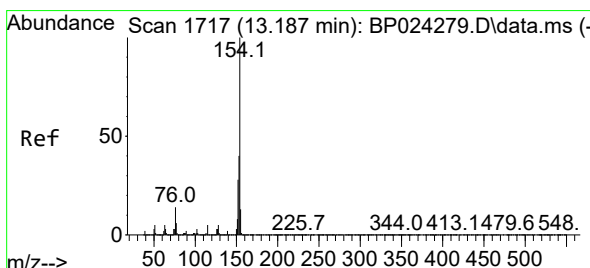
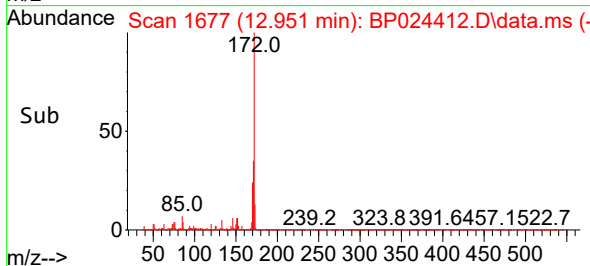
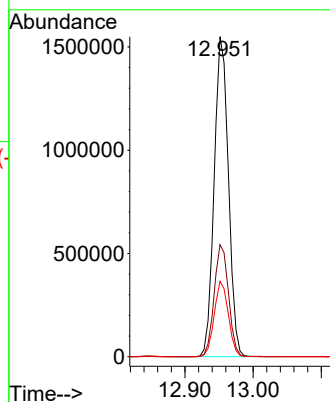
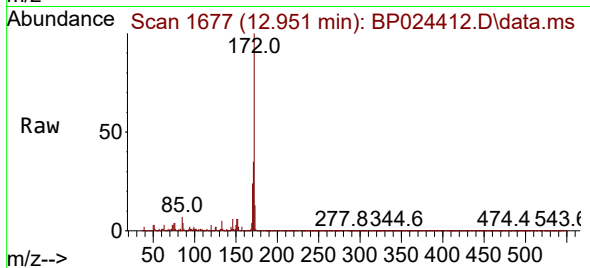
Tgt Ion:172 Resp: 225318
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.2
170 23.5 18.6 27.8

Manual Integrations

APPROVED

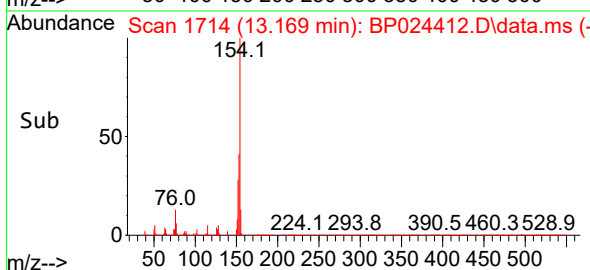
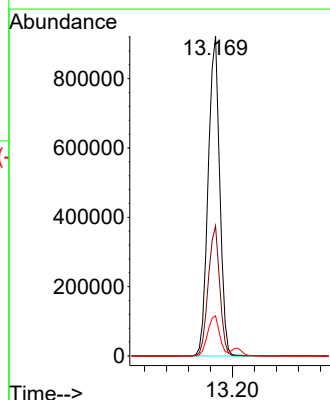
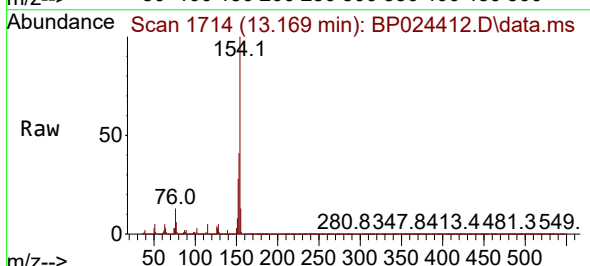
Reviewed By :Rahul Chavli 04/25/2025

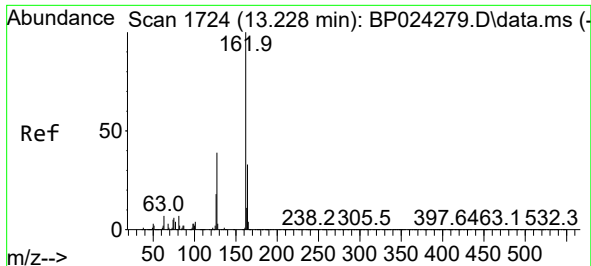
Supervised By :Jagrut Upadhyay 04/25/2025



#46
1,1'-Biphenyl
Concen: 43.361 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

Tgt Ion:154 Resp: 1341195
Ion Ratio Lower Upper
154 100
153 40.7 20.3 60.3
76 12.5 0.0 33.5





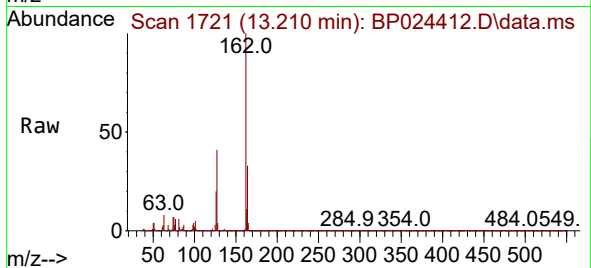
#47
2-Chloronaphthalene
Concen: 44.472 ng
RT: 13.210 min Scan# 1721
Delta R.T. -0.006 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

Instrument :

BNA_P

ClientSampleId :

ETGI-354MSD



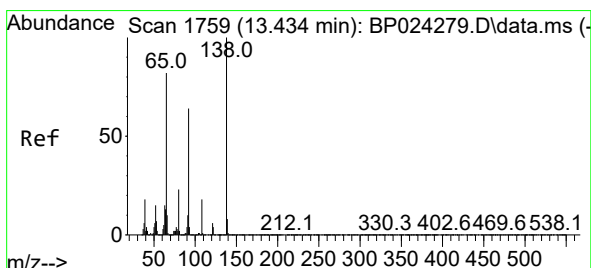
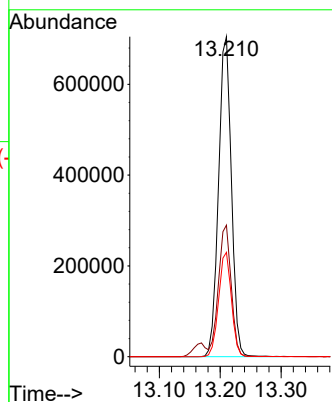
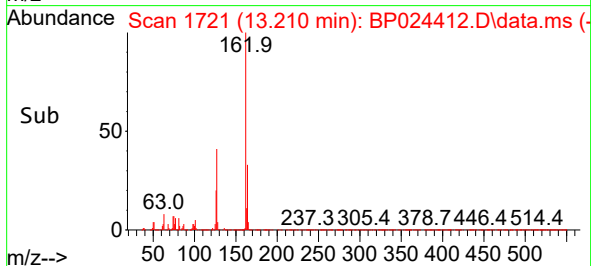
Tgt Ion:162 Resp: 1028058
Ion Ratio Lower Upper
162 100
127 41.1 31.9 47.9
164 32.6 26.2 39.4

Manual Integrations

APPROVED

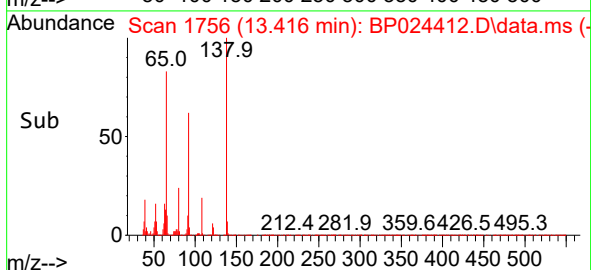
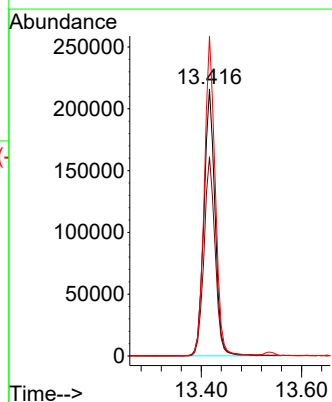
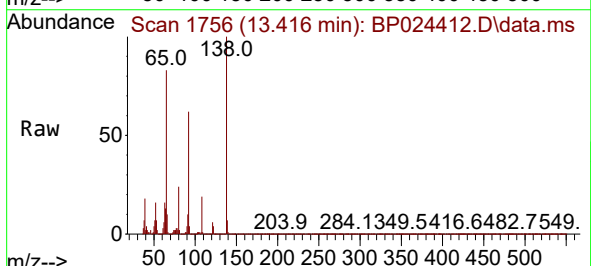
Reviewed By :Rahul Chavli 04/25/2025

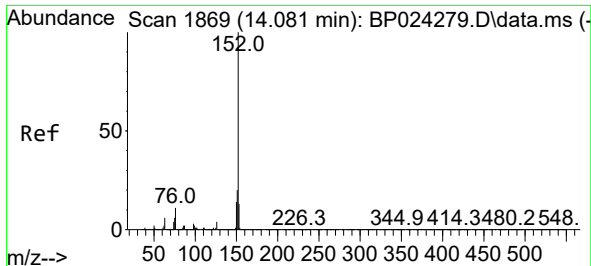
Supervised By :Jagrut Upadhyay 04/25/2025



#48
2-Nitroaniline
Concen: 51.471 ng
RT: 13.416 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

Tgt Ion: 65 Resp: 333760
Ion Ratio Lower Upper
65 100
92 74.6 62.3 93.5
138 119.8 97.2 145.8





#49
Acenaphthylene
Concen: 48.862 ng
RT: 14.063 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

Instrument :

BNA_P

ClientSampleId :

ETGI-354MSD

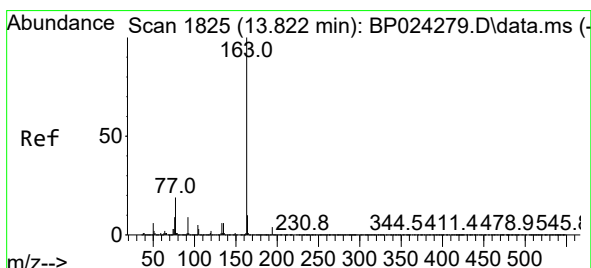
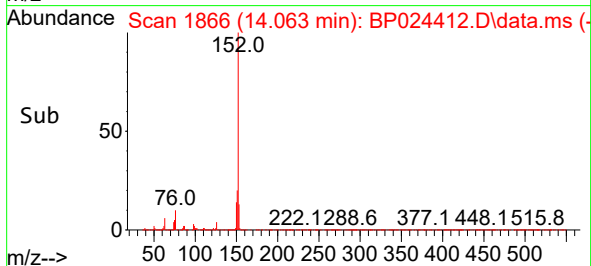
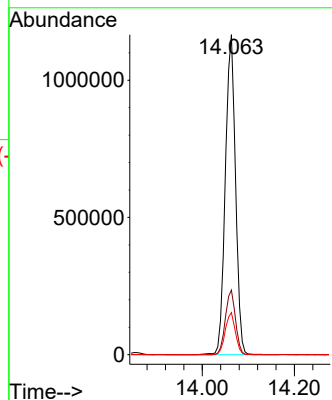
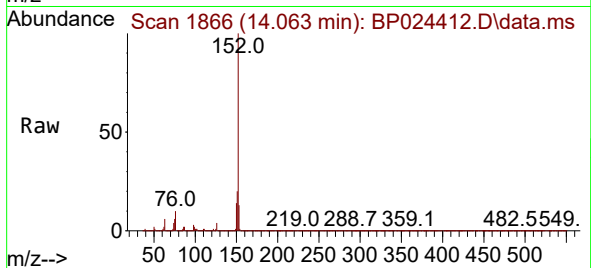
Tgt Ion:152 Resp: 1778400
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.1 10.6 15.8

Manual Integrations

APPROVED

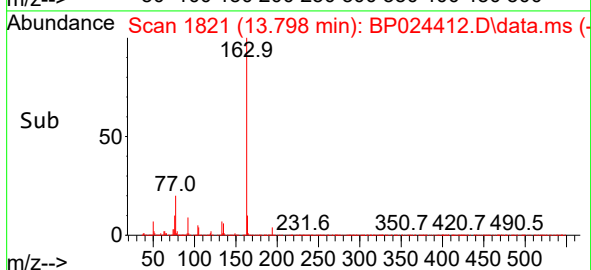
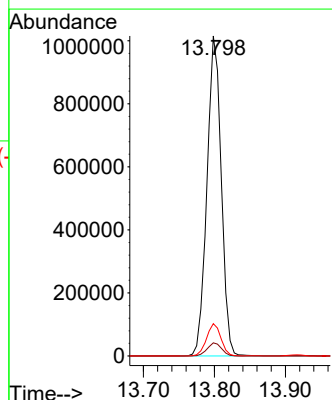
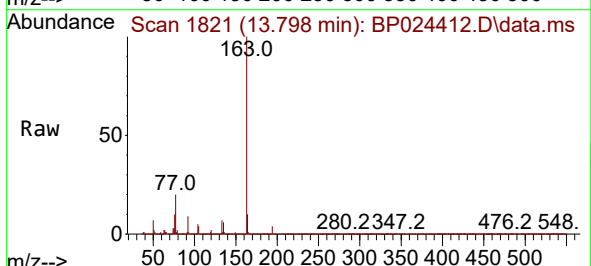
Reviewed By :Rahul Chavli 04/25/2025

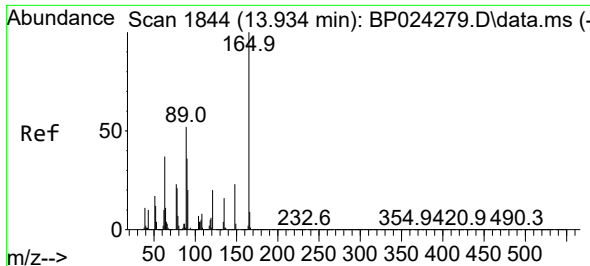
Supervised By :Jagrut Upadhyay 04/25/2025



#50
Dimethylphthalate
Concen: 46.518 ng
RT: 13.798 min Scan# 1821
Delta R.T. -0.012 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

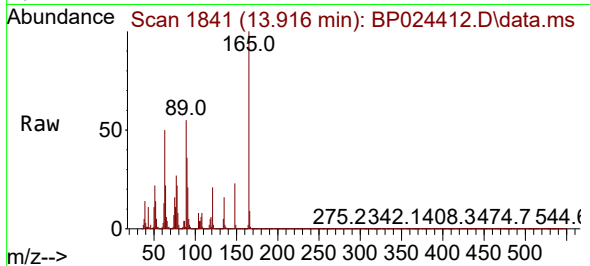
Tgt Ion:163 Resp: 1423495
Ion Ratio Lower Upper
163 100
194 4.1 3.5 5.3
164 10.1 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 48.494 ng
RT: 13.916 min Scan# 1841
Delta R.T. -0.012 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

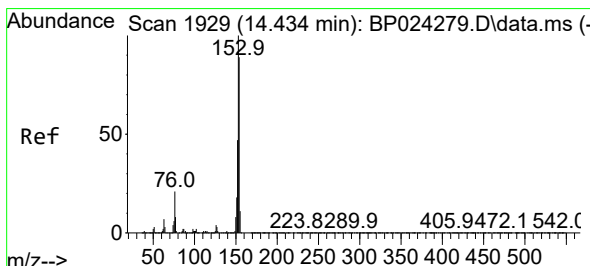
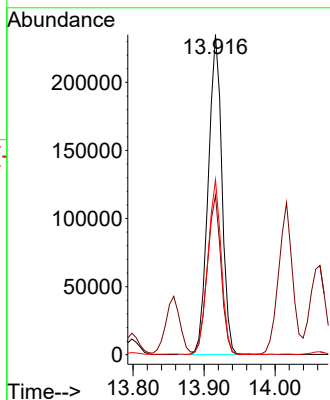
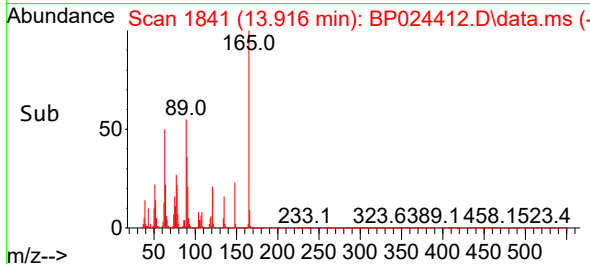
Instrument :
BNA_P
ClientSampleId :
ETGI-354MSD



Tgt Ion:165 Resp: 315120
Ion Ratio Lower Upper
165 100
63 49.8 38.0 57.0
89 54.6 41.7 62.5

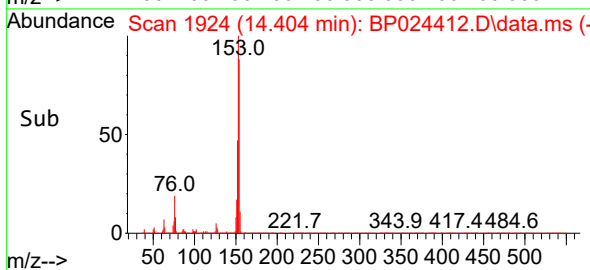
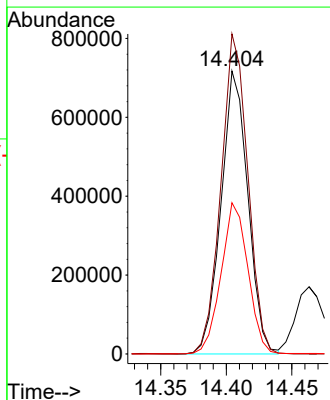
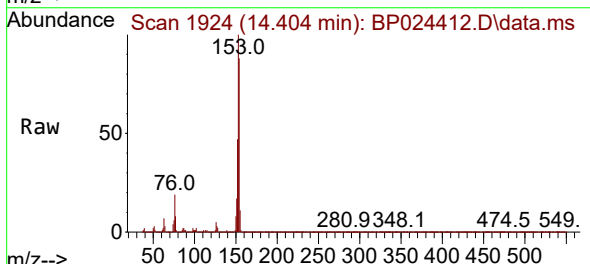
Manual Integrations
APPROVED

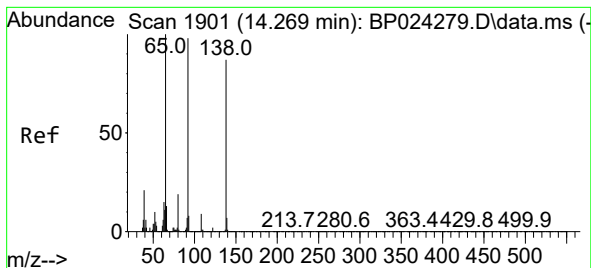
Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025



#52
Acenaphthene
Concen: 44.249 ng
RT: 14.404 min Scan# 1924
Delta R.T. -0.018 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

Tgt Ion:154 Resp: 1021010
Ion Ratio Lower Upper
154 100
153 113.1 89.8 134.6
152 53.5 42.6 63.8





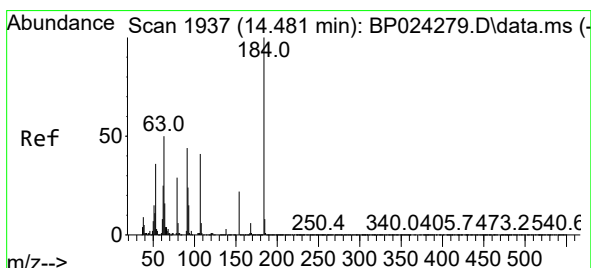
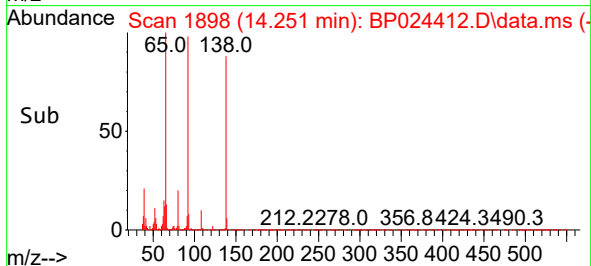
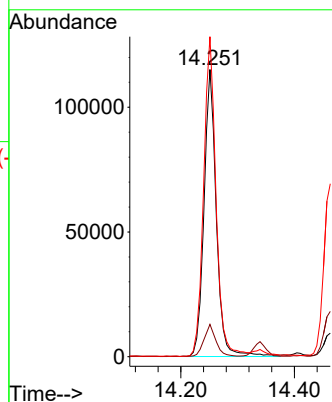
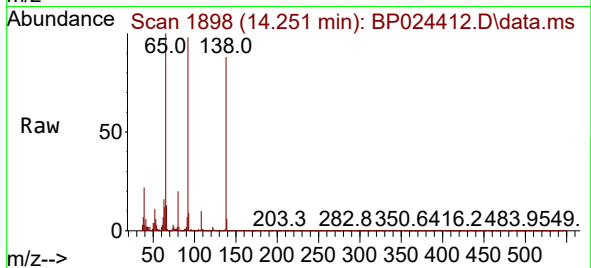
#53
3-Nitroaniline
Concen: 25.322 ng
RT: 14.251 min Scan# 1898
Delta R.T. -0.012 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

Instrument :
BNA_P
ClientSampleId :
ETGI-354MSD

Tgt Ion:138 Resp: 172940
Ion Ratio Lower Upper
138 100
108 11.2 8.3 12.5
92 111.4 89.8 134.8

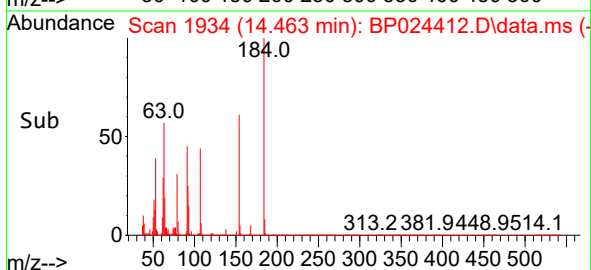
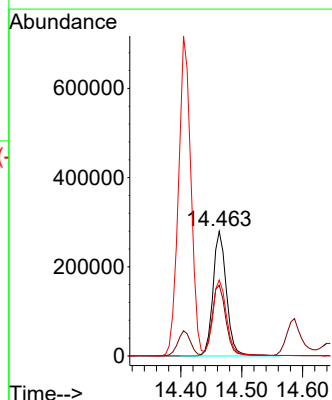
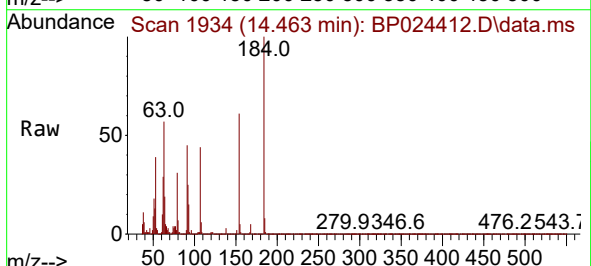
Manual Integrations
APPROVED

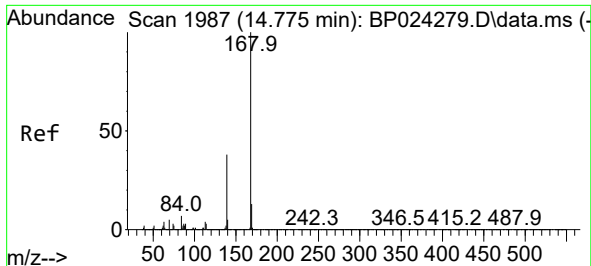
Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025



#54
2,4-Dinitrophenol
Concen: 112.270 ng
RT: 14.463 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

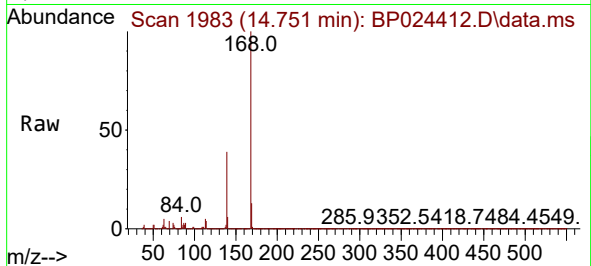
Tgt Ion:184 Resp: 429731
Ion Ratio Lower Upper
184 100
63 56.7 42.6 64.0
154 60.9 47.2 70.8





#55
Dibenzenofuran
Concen: 43.696 ng
RT: 14.751 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

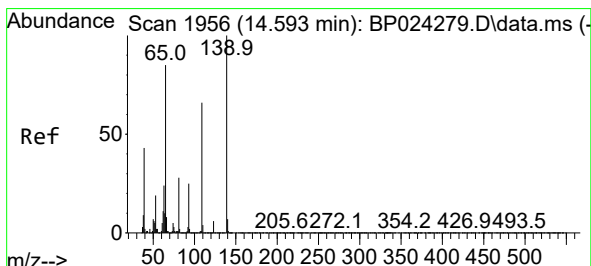
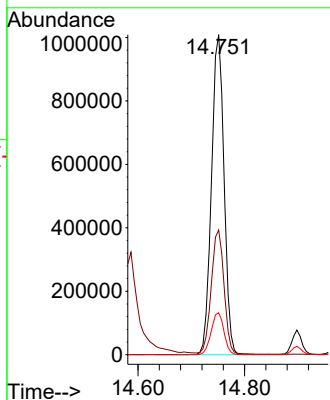
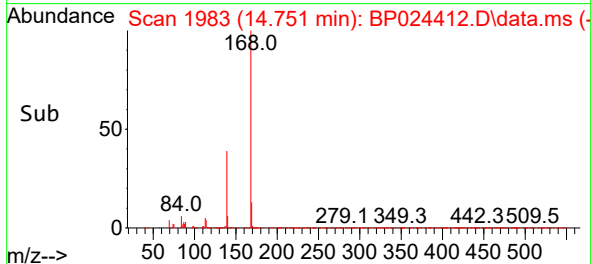
Instrument :
BNA_P
ClientSampleId :
ETGI-354MSD



Tgt Ion:168 Resp: 164803
Ion Ratio Lower Upper
168 100
139 38.9 30.3 45.5
169 13.1 10.6 16.0

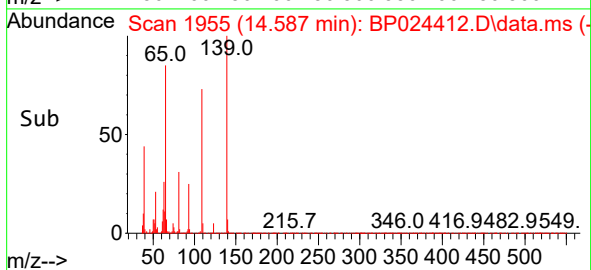
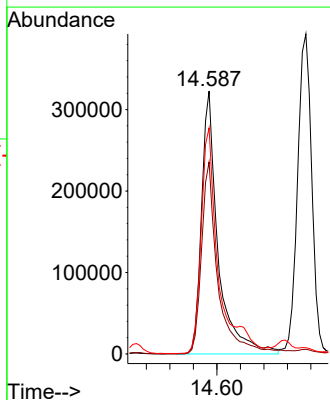
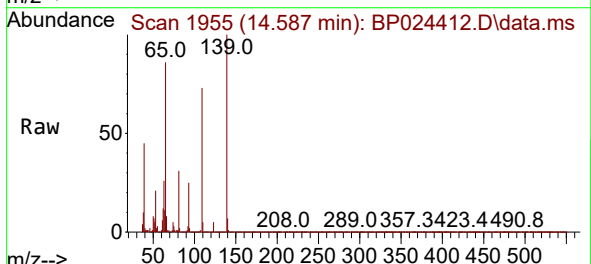
Manual Integrations
APPROVED

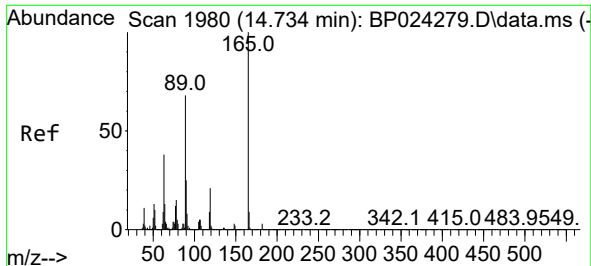
Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025



#56
4-Nitrophenol
Concen: 107.134 ng
RT: 14.587 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

Tgt Ion:139 Resp: 631912
Ion Ratio Lower Upper
139 100
109 73.0 46.1 86.1
65 86.0 65.0 105.0





#57
2,4-Dinitrotoluene
Concen: 52.907 ng
RT: 14.716 min Scan# 1980
Delta R.T. -0.006 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

Instrument :

BNA_P

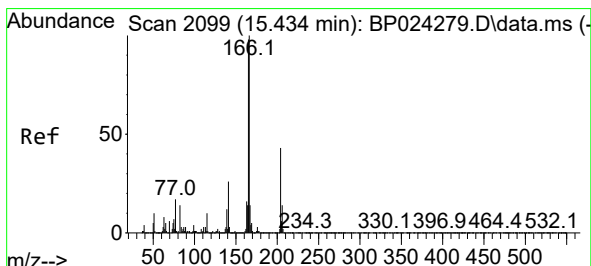
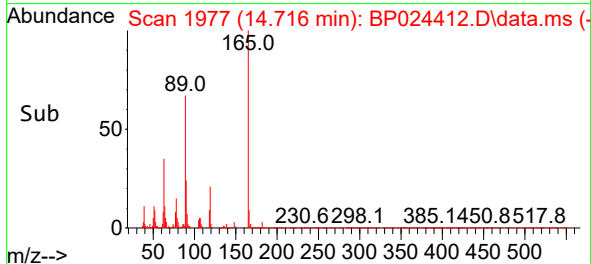
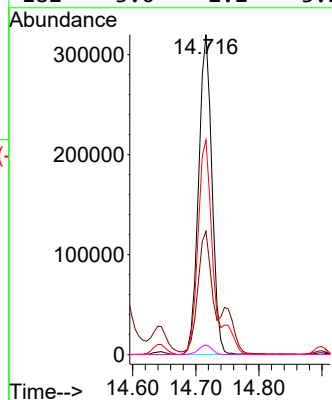
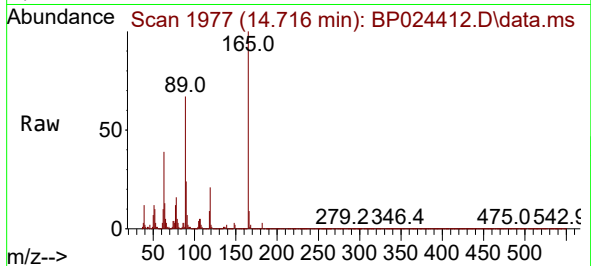
ClientSampleId :

ETGI-354MSD

Tgt Ion:165 Resp: 468975
Ion Ratio Lower Upper
165 100
63 38.6 30.4 45.6
89 67.1 54.6 82.0
182 3.0 2.2 3.2

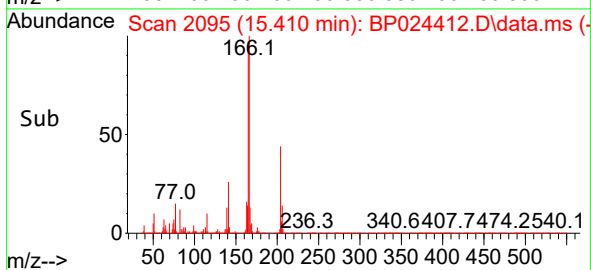
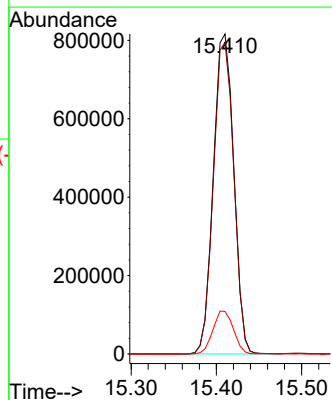
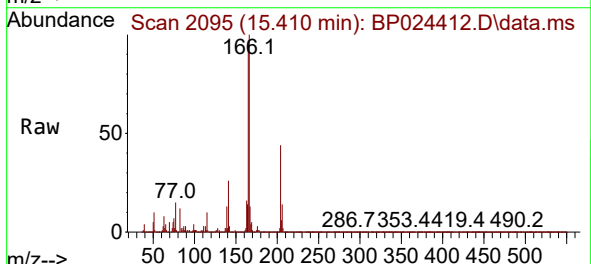
Manual Integrations
APPROVED

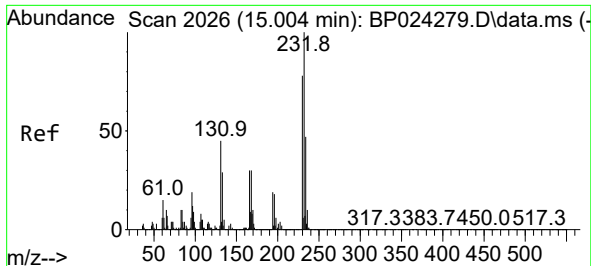
Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025



#58
Fluorene
Concen: 46.496 ng
RT: 15.410 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

Tgt Ion:166 Resp: 1357549
Ion Ratio Lower Upper
166 100
165 97.4 78.1 117.1
167 13.3 10.9 16.3





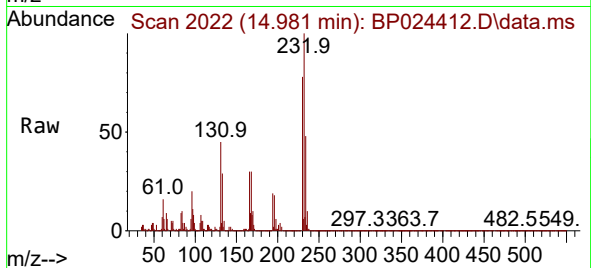
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.370 ng
RT: 14.981 min Scan# 2056
Delta R.T. -0.012 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

Instrument :

BNA_P

ClientSampleId :

ETGI-354MSD

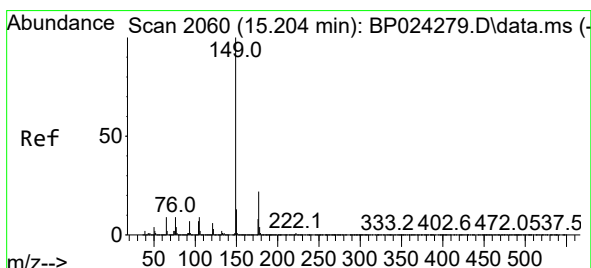
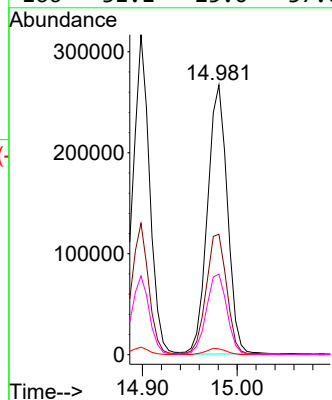
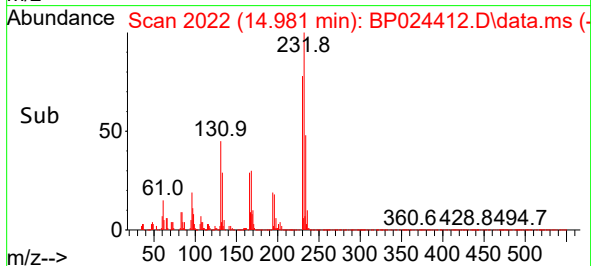


Tgt Ion:232 Resp: 387941
Ion Ratio Lower Upper
232 100
131 46.7 36.8 55.2
130 2.4 1.9 2.9
166 31.1 25.0 37.6

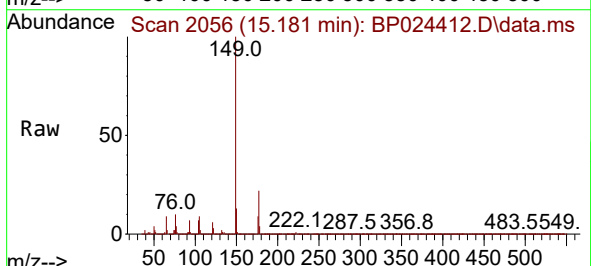
Manual Integrations

APPROVED

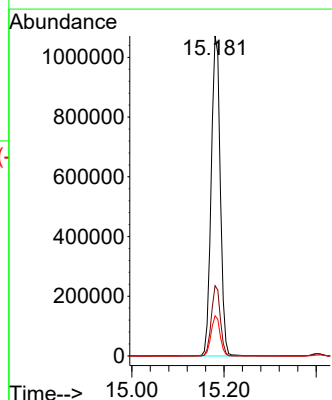
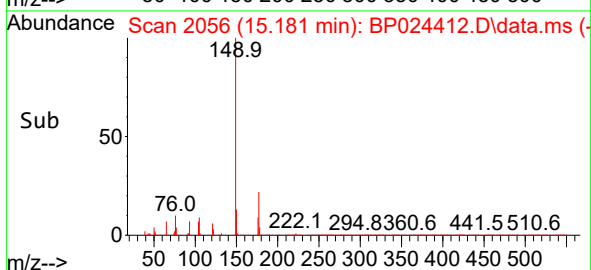
Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025

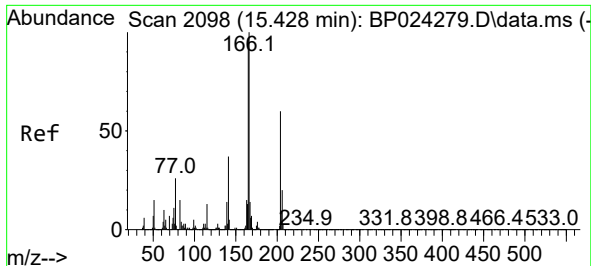


#60
Diethylphthalate
Concen: 46.627 ng
RT: 15.181 min Scan# 2056
Delta R.T. -0.012 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56



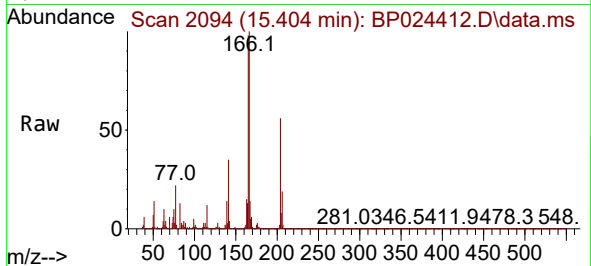
Tgt Ion:149 Resp: 1470372
Ion Ratio Lower Upper
149 100
177 21.9 17.4 26.2
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 45.700 ng
RT: 15.404 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

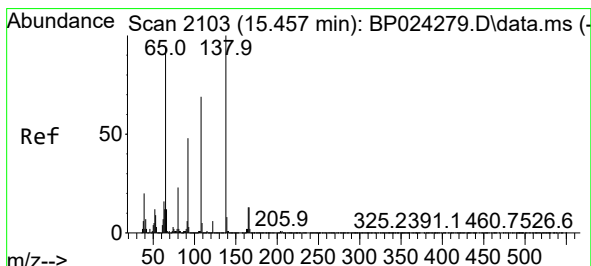
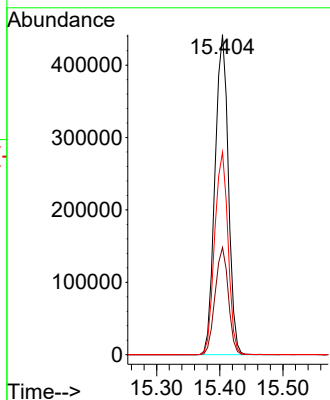
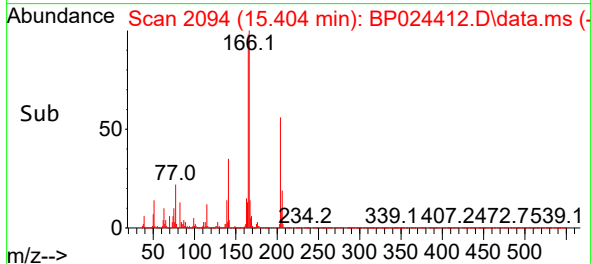
Instrument :
BNA_P
ClientSampleId :
ETGI-354MSD



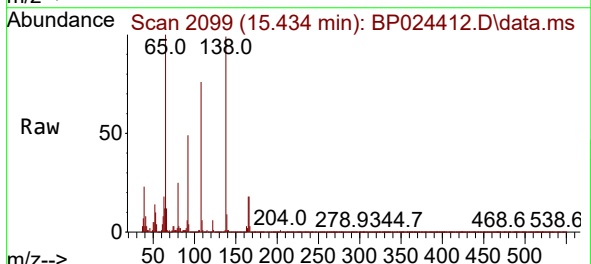
Tgt Ion:204 Resp: 647944
Ion Ratio Lower Upper
204 100
206 33.5 26.5 39.7
141 63.3 49.4 74.0

Manual Integrations
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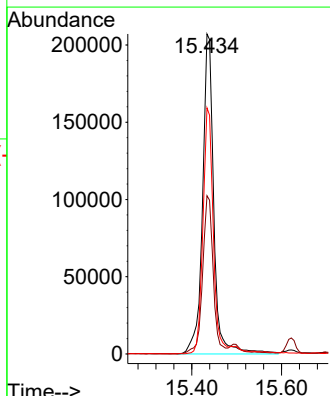
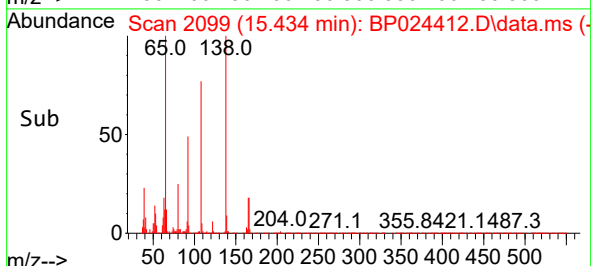
Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025

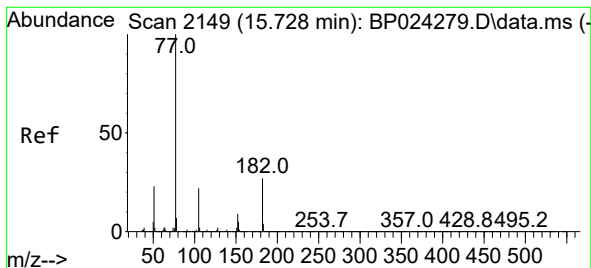


#62
4-Nitroaniline
Concen: 49.828 ng
RT: 15.434 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56



Tgt Ion:138 Resp: 360247
Ion Ratio Lower Upper
138 100
92 49.4 27.8 67.8
108 76.9 48.9 88.9





#63

Azobenzene

Concen: 44.515 ng

RT: 15.698 min Scan# 2149

Delta R.T. -0.012 min

Lab File: BP024412.D

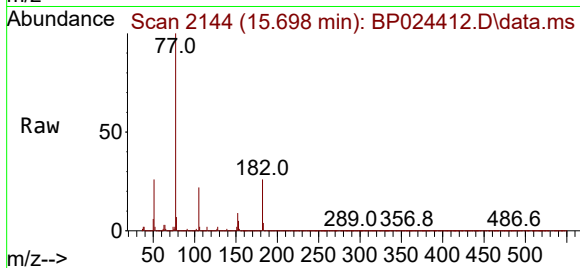
Acq: 24 Apr 2025 17:56

Instrument :

BNA_P

ClientSampleId :

ETGI-354MSD



Tgt Ion: 77 Resp: 1290238

Ion Ratio Lower Upper

77 100

182 26.1 7.3 47.3

105 21.7 2.3 42.3

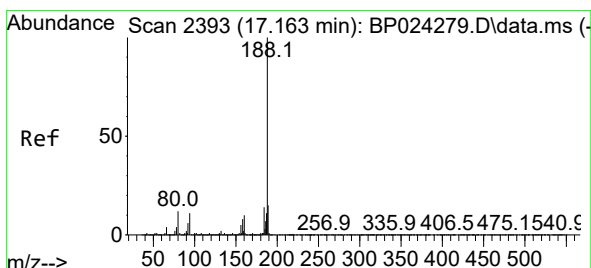
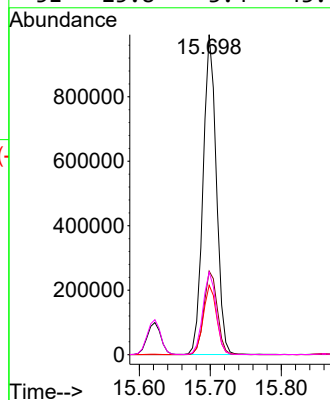
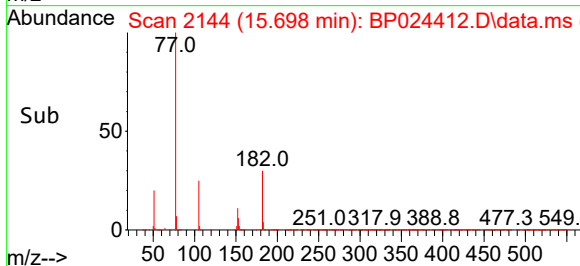
51 25.8 3.4 43.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/25/2025

Supervised By :Jagrut Upadhyay 04/25/2025



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.145 min Scan# 2390

Delta R.T. 0.000 min

Lab File: BP024412.D

Acq: 24 Apr 2025 17:56

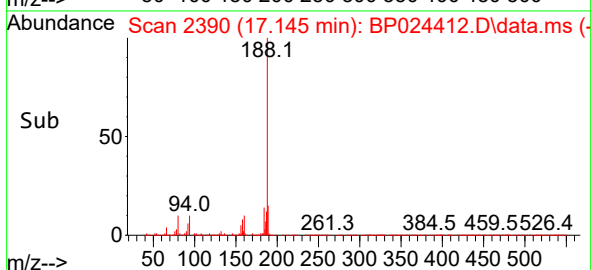
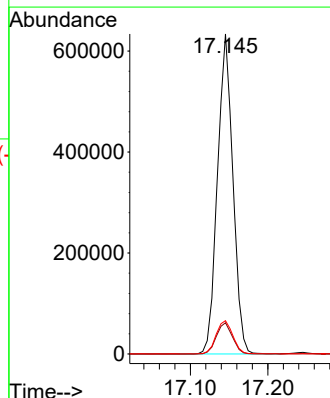
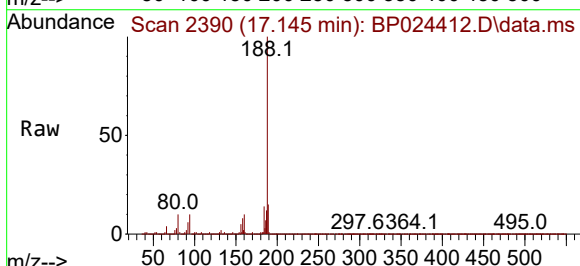
Tgt Ion:188 Resp: 881518

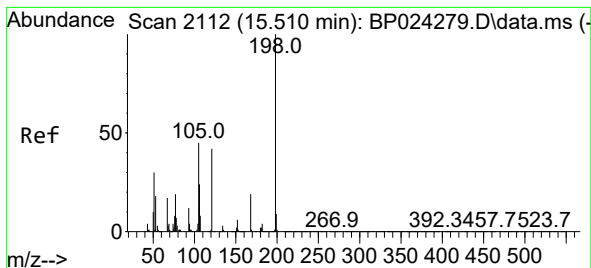
Ion Ratio Lower Upper

188 100

94 9.7 8.6 13.0

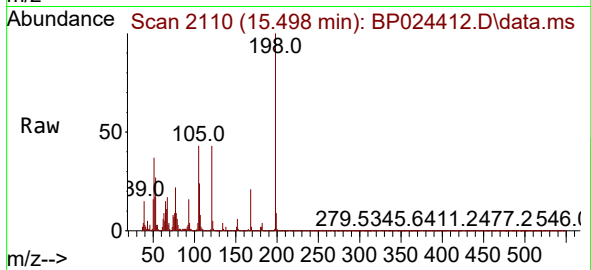
80 10.4 9.8 14.6





#65
4,6-Dinitro-2-methylphenol
Concen: 49.919 ng
RT: 15.498 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

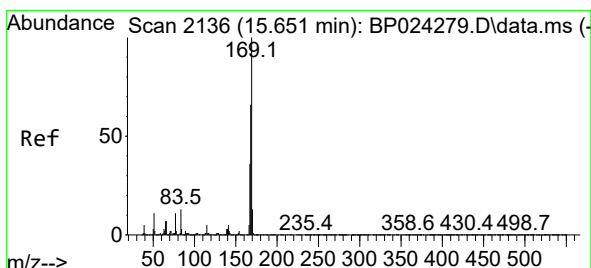
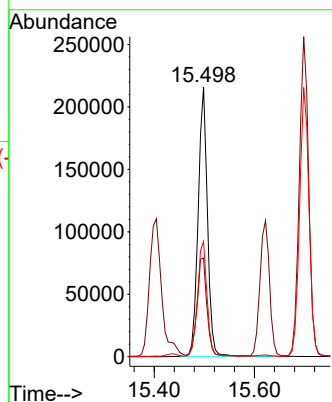
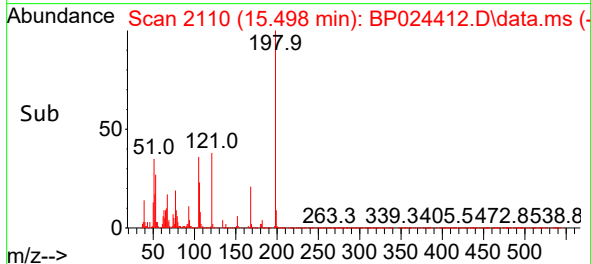
Instrument :
BNA_P
ClientSampleId :
ETGI-354MSD



Tgt Ion:198 Resp: 277429
Ion Ratio Lower Upper
198 100
51 36.6 18.4 58.4
105 42.8 26.5 66.5

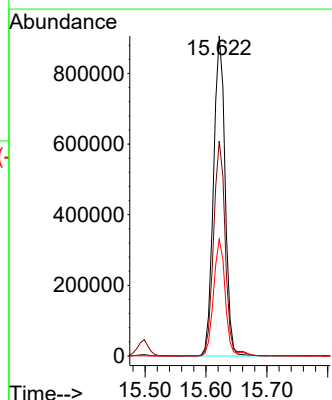
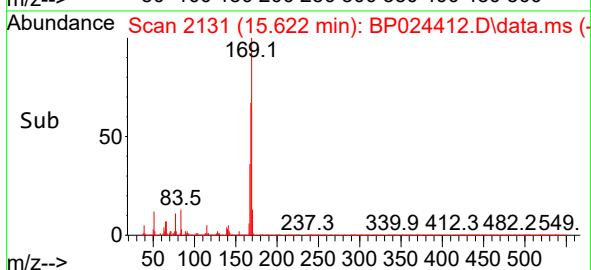
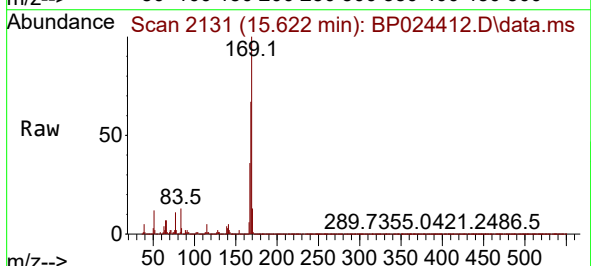
Manual Integrations
APPROVED

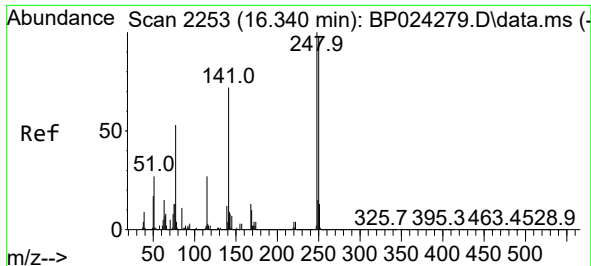
Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025



#66
n-Nitrosodiphenylamine
Concen: 45.398 ng
RT: 15.622 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

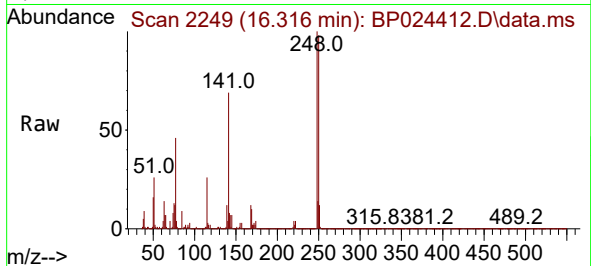
Tgt Ion:169 Resp: 1194491
Ion Ratio Lower Upper
169 100
168 67.1 53.0 79.4
167 36.4 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 45.694 ng
RT: 16.316 min Scan# 2249
Delta R.T. -0.006 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

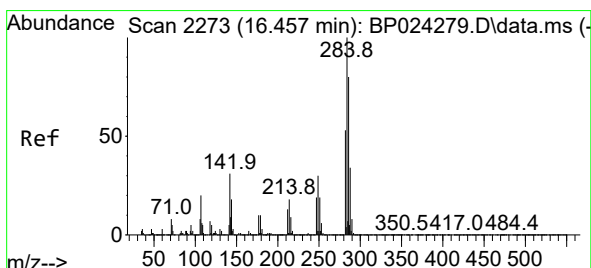
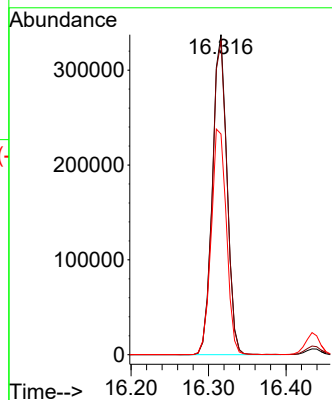
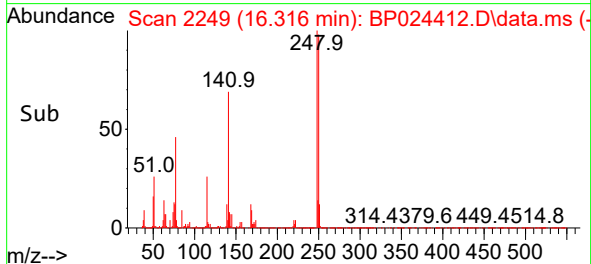
Instrument :
BNA_P
ClientSampleId :
ETGI-354MSD



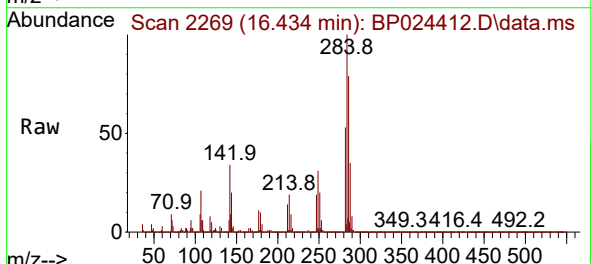
Tgt Ion:248 Resp: 440540
Ion Ratio Lower Upper
248 100
250 98.0 78.2 117.4
141 68.9 57.7 86.5

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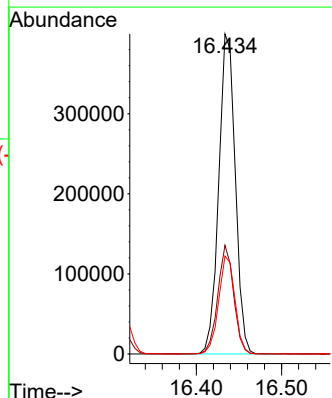
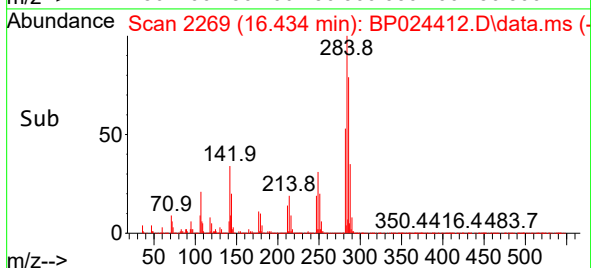
Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025

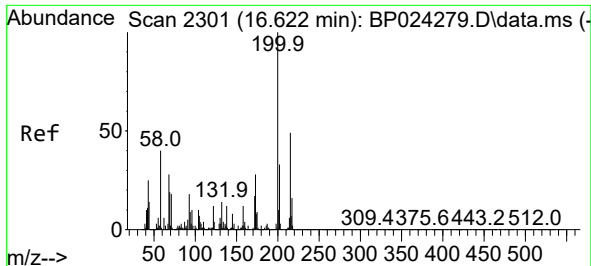


#68
Hexachlorobenzene
Concen: 46.960 ng
RT: 16.434 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56



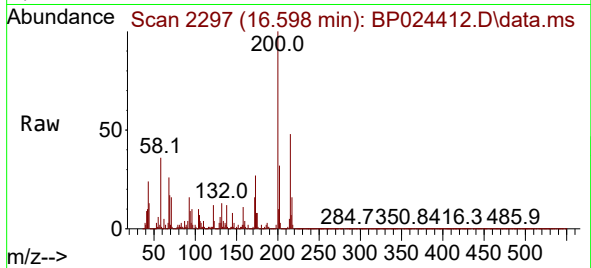
Tgt Ion:284 Resp: 537979
Ion Ratio Lower Upper
284 100
142 34.0 24.6 37.0
249 30.6 23.8 35.6





#69
Atrazine
Concen: 67.999 ng
RT: 16.598 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

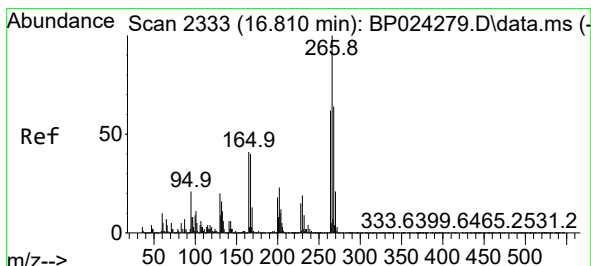
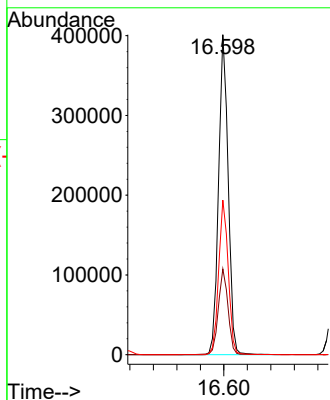
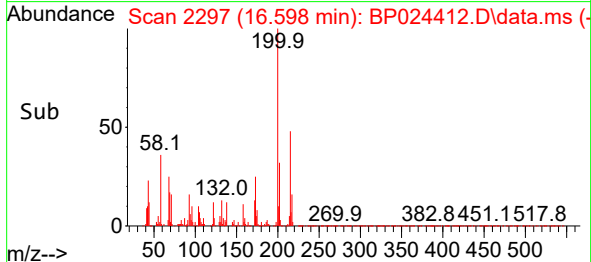
Instrument :
BNA_P
ClientSampleId :
ETGI-354MSD



Tgt Ion:200 Resp: 45567
Ion Ratio Lower Upper
200 100
173 26.8 7.5 47.5
215 48.3 28.8 68.8

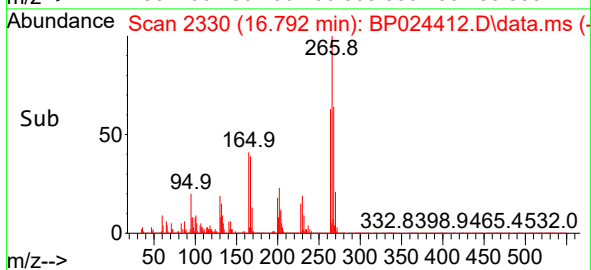
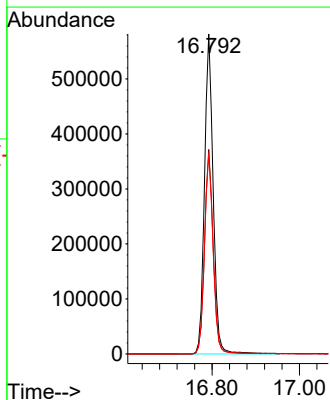
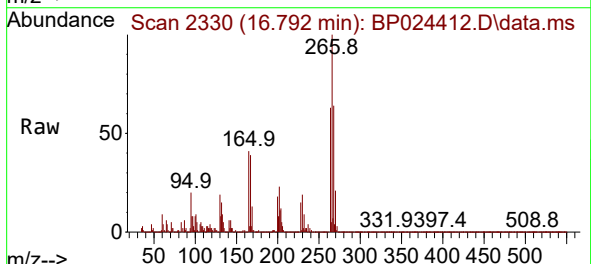
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025



#70
Pentachlorophenol
Concen: 100.758 ng
RT: 16.792 min Scan# 2330
Delta R.T. -0.006 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

Tgt Ion:266 Resp: 805272
Ion Ratio Lower Upper
266 100
268 63.9 51.0 76.6
264 62.7 49.8 74.6





#71

Phenanthrene

Concen: 46.174 ng

RT: 17.186 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024412.D

Acq: 24 Apr 2025 17:56

Instrument :

BNA_P

ClientSampleId :

ETGI-354MSD

Tgt Ion:178 Resp: 222045

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

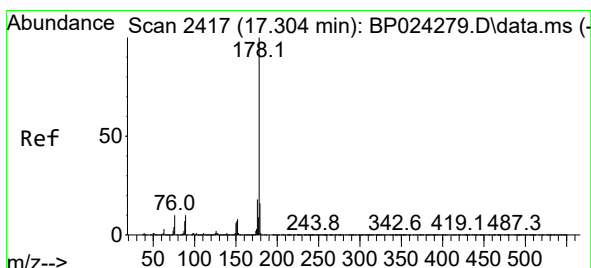
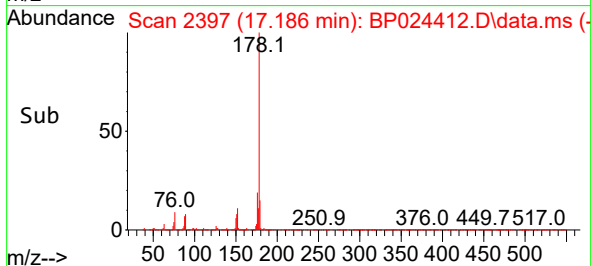
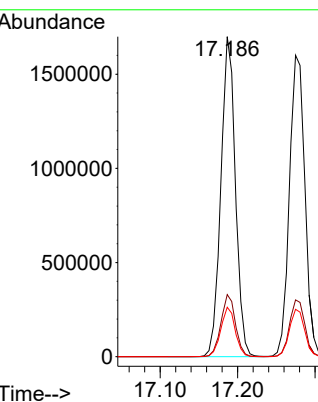
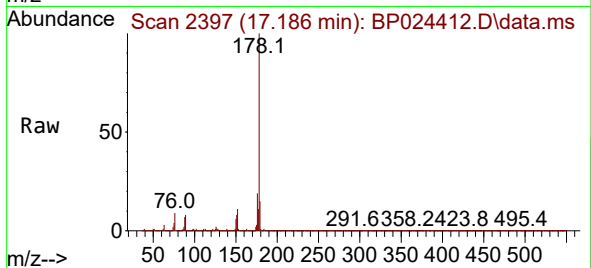
179 15.5 12.5 18.7

Manual Integrations

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Reviewed By :Rahul Chavli 04/25/2025

Supervised By :Jagrut Upadhyay 04/25/2025



#72

Anthracene

Concen: 48.125 ng

RT: 17.275 min Scan# 2412

Delta R.T. -0.012 min

Lab File: BP024412.D

Acq: 24 Apr 2025 17:56

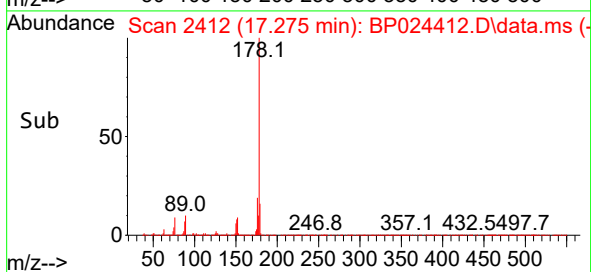
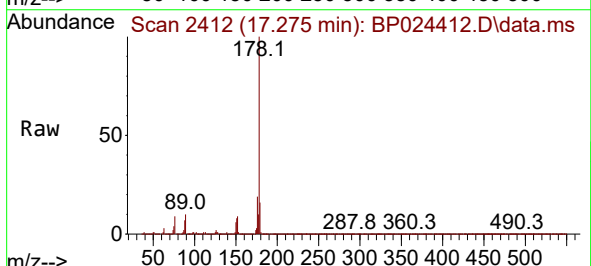
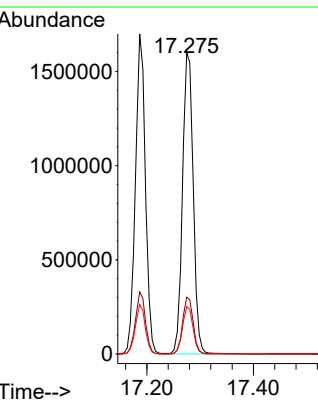
Tgt Ion:178 Resp: 2230483

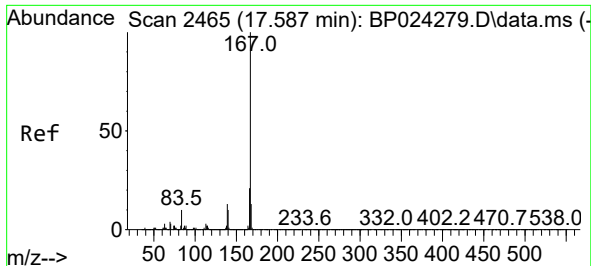
Ion Ratio Lower Upper

178 100

176 18.8 14.7 22.1

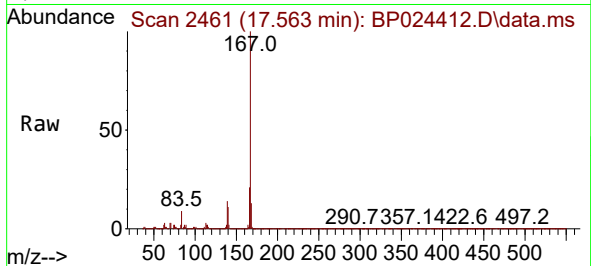
179 15.7 12.4 18.6





#73
 Carbazole
 Concen: 49.542 ng
 RT: 17.563 min Scan# 2461
 Delta R.T. -0.006 min
 Lab File: BP024412.D
 Acq: 24 Apr 2025 17:56

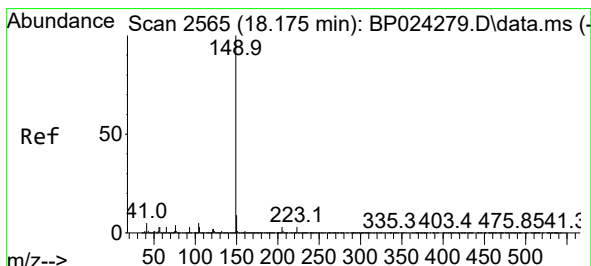
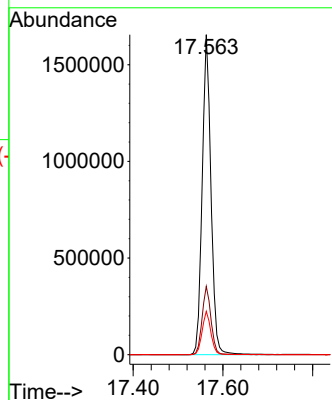
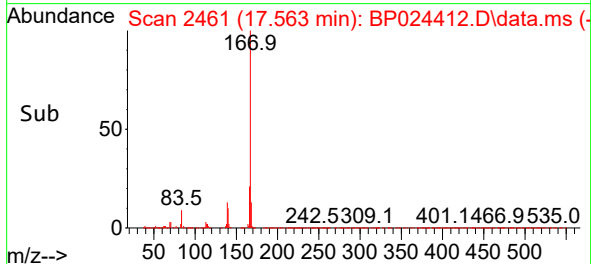
Instrument :
 BNA_P
 ClientSampleId :
 ETGI-354MSD



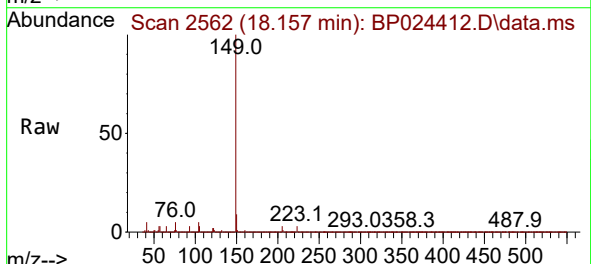
Tgt Ion:167 Resp: 2243564
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.1 25.7
 139 13.6 10.6 16.0

Manual Integrations
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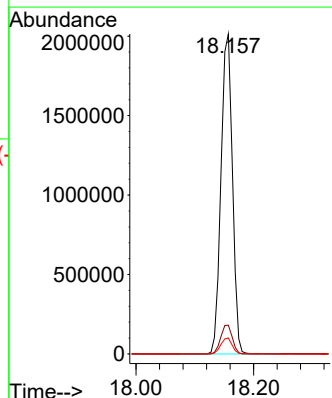
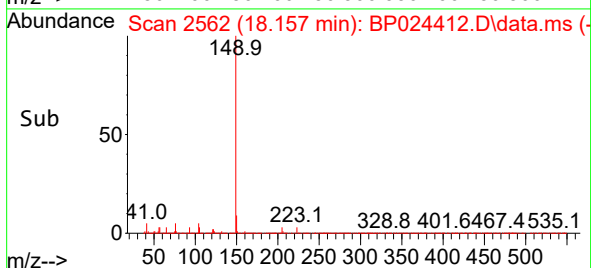
Reviewed By :Rahul Chavli 04/25/2025
 Supervised By :Jagrut Upadhyay 04/25/2025

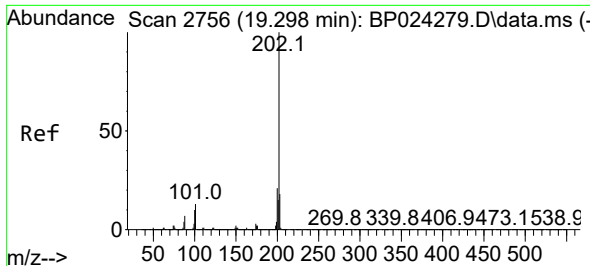


#74
 Di-n-butylphthalate
 Concen: 48.322 ng
 RT: 18.157 min Scan# 2562
 Delta R.T. 0.000 min
 Lab File: BP024412.D
 Acq: 24 Apr 2025 17:56



Tgt Ion:149 Resp: 2726339
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 5.0 3.9 5.9





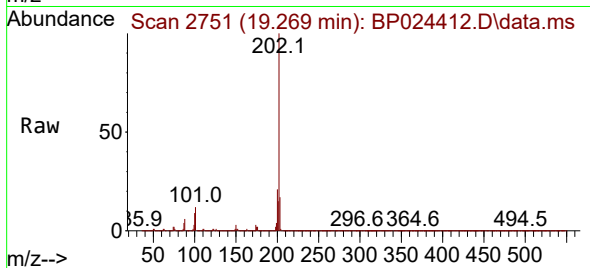
#75
Fluoranthene
Concen: 48.474 ng
RT: 19.269 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

Instrument :

BNA_P

ClientSampleId :

ETGI-354MSD



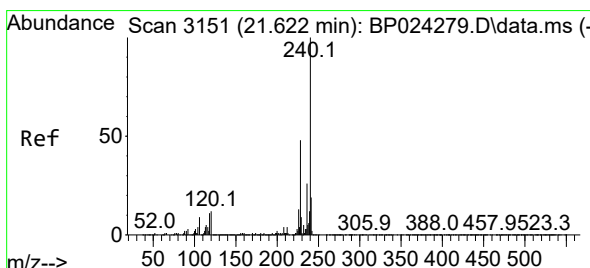
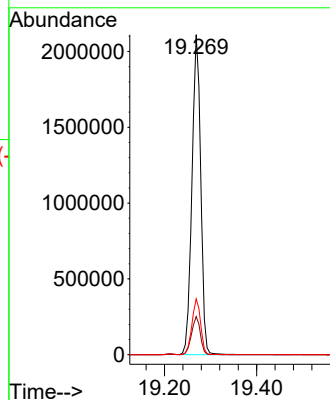
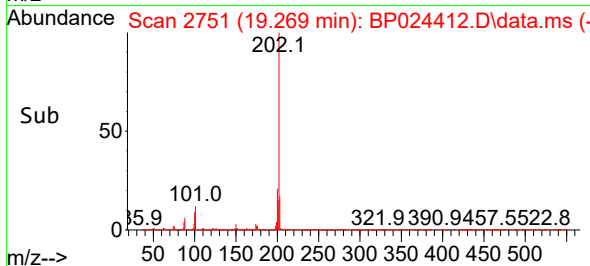
Tgt Ion:202 Resp: 277244
Ion Ratio Lower Upper
202 100
101 11.9 0.0 33.2
203 17.5 0.0 37.7

Manual Integrations

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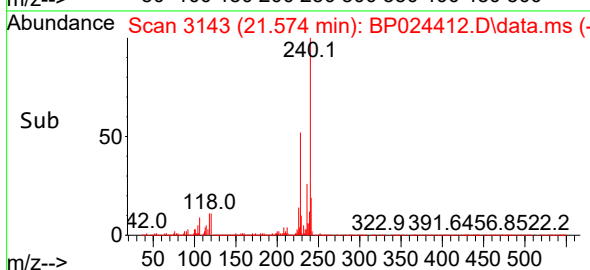
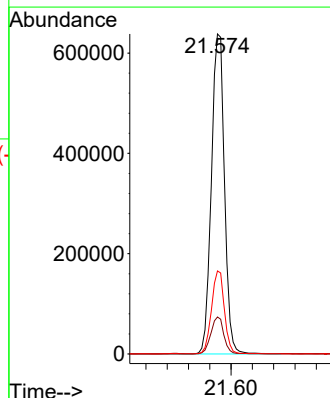
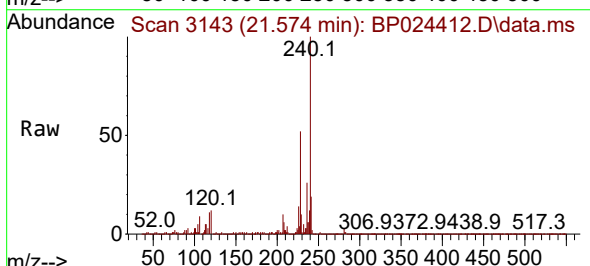
Reviewed By :Rahul Chavli 04/25/2025

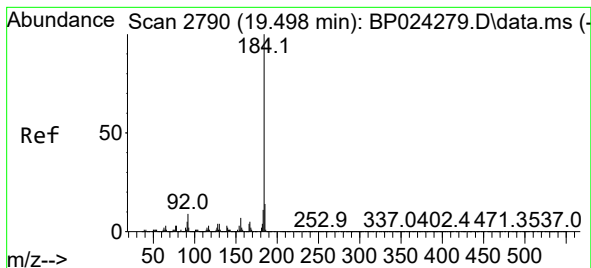
Supervised By :Jagrut Upadhyay 04/25/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3143
Delta R.T. -0.018 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

Tgt Ion:240 Resp: 1086569
Ion Ratio Lower Upper
240 100
120 11.5 9.8 14.8
236 26.0 20.9 31.3





#77

Benzidine

Concen: 10.181 ng

RT: 19.486 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024412.D

Acq: 24 Apr 2025 17:56

Instrument :

BNA_P

ClientSampleId :

ETGI-354MSD

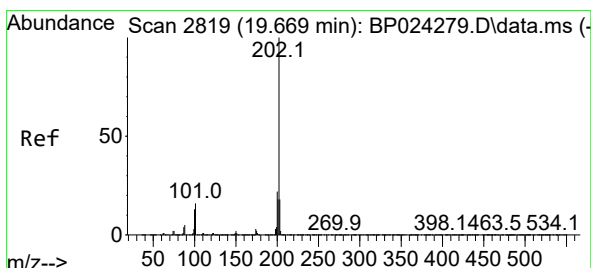
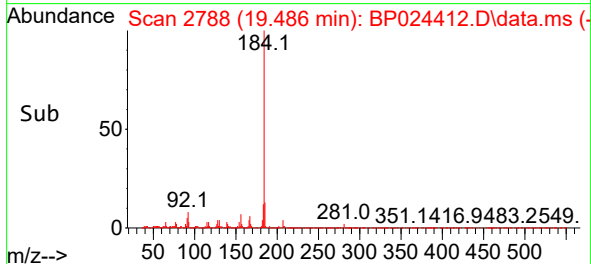
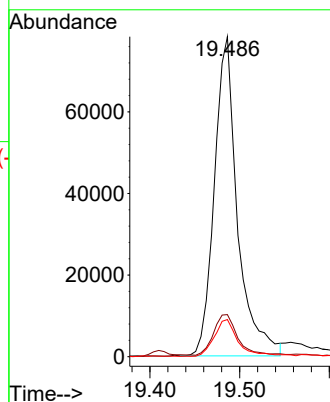
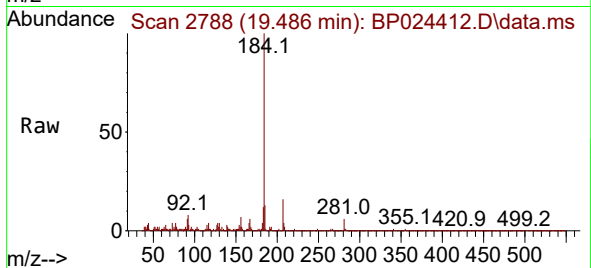
Tgt Ion:184 Resp: 140225
 Ion Ratio Lower Upper
 184 100
 185 13.2 11.6 17.4
 183 11.6 9.2 13.8

Manual Integrations

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Reviewed By :Rahul Chavli 04/25/2025

Supervised By :Jagrut Upadhyay 04/25/2025



#78

Pyrene

Concen: 42.014 ng

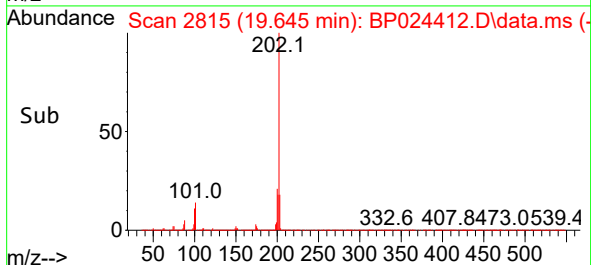
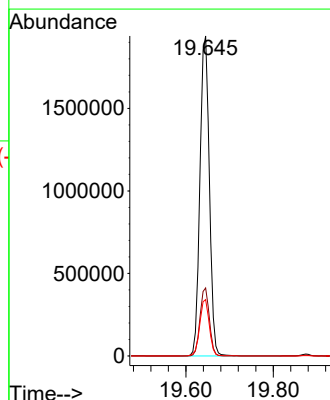
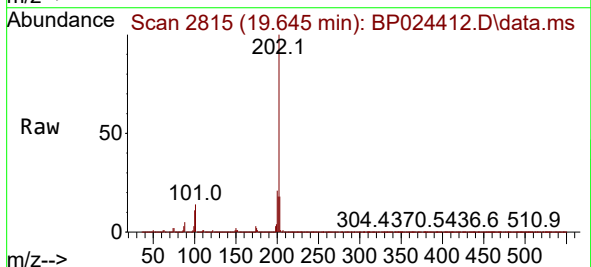
RT: 19.645 min Scan# 2815

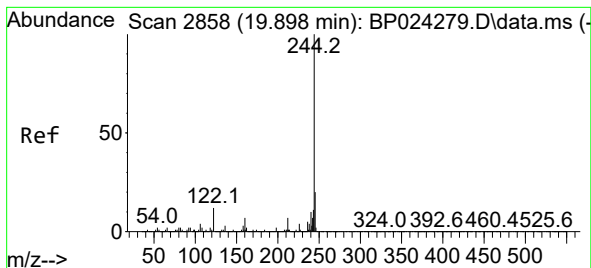
Delta R.T. -0.006 min

Lab File: BP024412.D

Acq: 24 Apr 2025 17:56

Tgt Ion:202 Resp: 2901143
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.2 25.8
 203 17.6 14.4 21.6





#79

Terphenyl-d14

Concen: 78.818 ng

RT: 19.875 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024412.D

Acq: 24 Apr 2025 17:56

Instrument :

BNA_P

ClientSampleId :

ETGI-354MSD

Tgt Ion:244 Resp: 424886

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

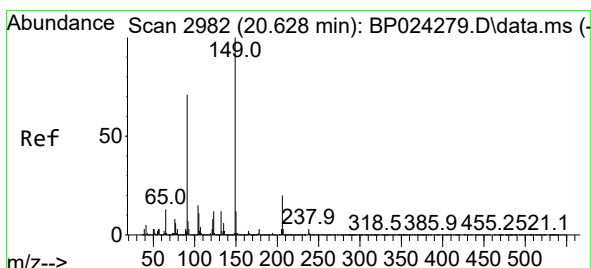
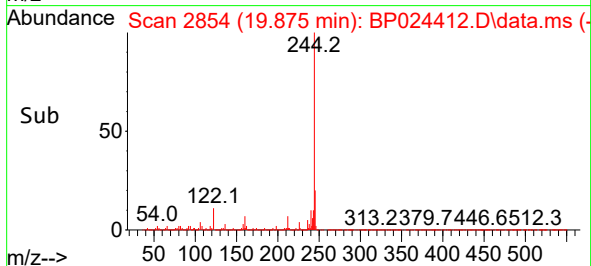
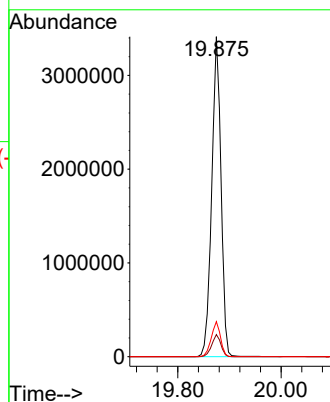
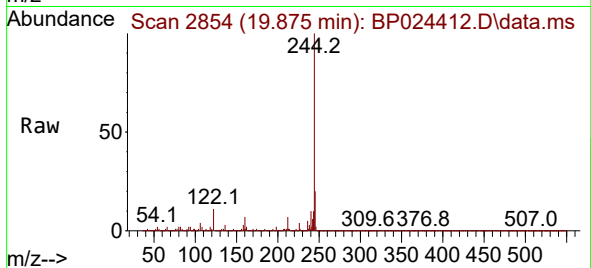
122 11.0 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/25/2025

Supervised By :Jagrut Upadhyay 04/25/2025



#80

Butylbenzylphthalate

Concen: 47.528 ng

RT: 20.598 min Scan# 2977

Delta R.T. -0.006 min

Lab File: BP024412.D

Acq: 24 Apr 2025 17:56

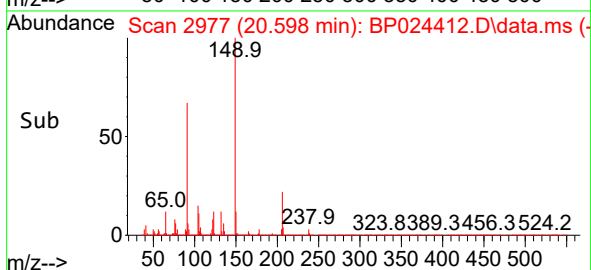
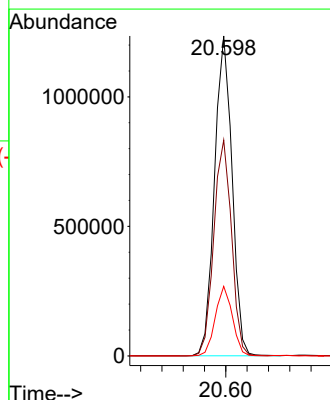
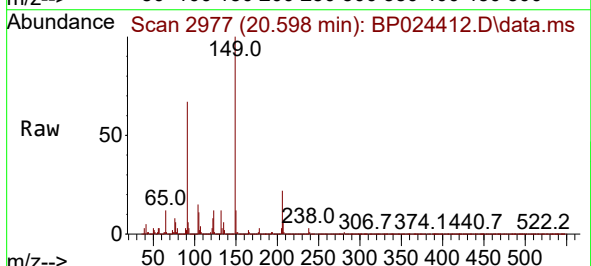
Tgt Ion:149 Resp: 1405745

Ion Ratio Lower Upper

149 100

91 67.4 56.4 84.6

206 21.7 16.3 24.5





#81

Benzo(a)anthracene

Concen: 47.559 ng

RT: 21.557 min Scan# 3140

Delta R.T. -0.012 min

Lab File: BP024412.D

Acq: 24 Apr 2025 17:56

Instrument :

BNA_P

ClientSampleId :

ETGI-354MSD

Tgt Ion:228 Resp: 3212010

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

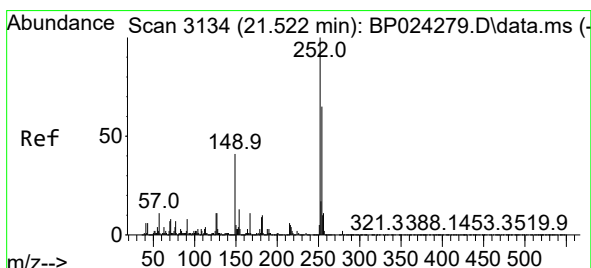
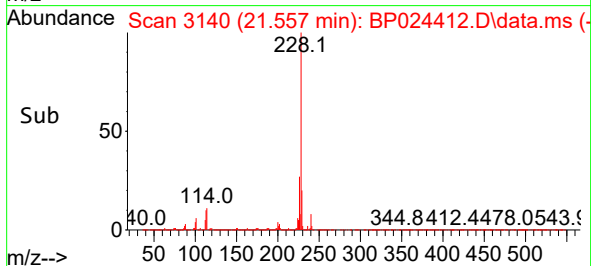
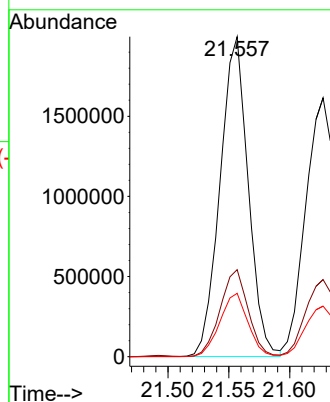
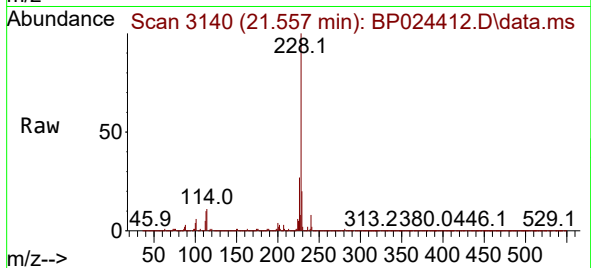
229 19.8 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/25/2025

Supervised By :Jagrut Upadhyay 04/25/2025



#82

3,3'-Dichlorobenzidine

Concen: 26.985 ng

RT: 21.492 min Scan# 3129

Delta R.T. 0.000 min

Lab File: BP024412.D

Acq: 24 Apr 2025 17:56

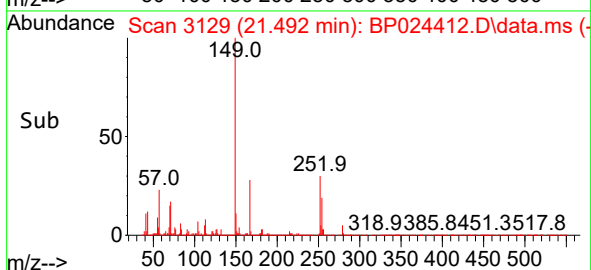
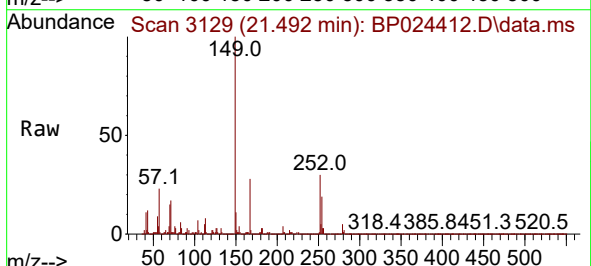
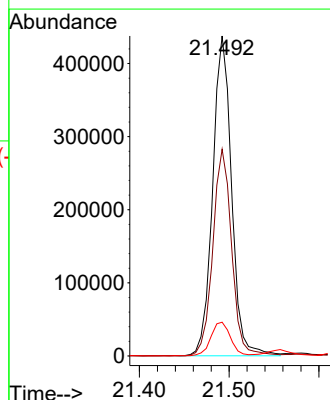
Tgt Ion:252 Resp: 639663

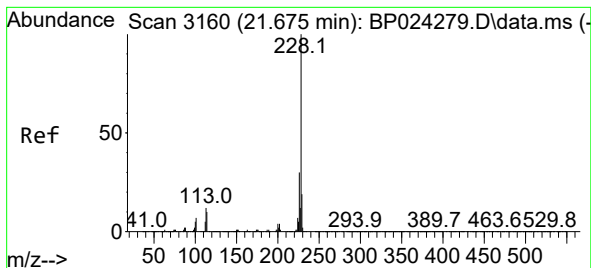
Ion Ratio Lower Upper

252 100

254 64.6 51.7 77.5

126 10.5 8.8 13.2





#83

Chrysene

Concen: 45.927 ng

RT: 21.627 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP024412.D

Acq: 24 Apr 2025 17:56

Instrument :

BNA_P

ClientSampleId :

ETGI-354MSD

Tgt Ion:228 Resp: 2971610

Ion Ratio Lower Upper

228 100

226 29.8 24.2 36.2

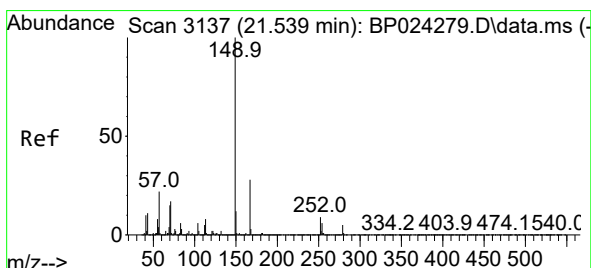
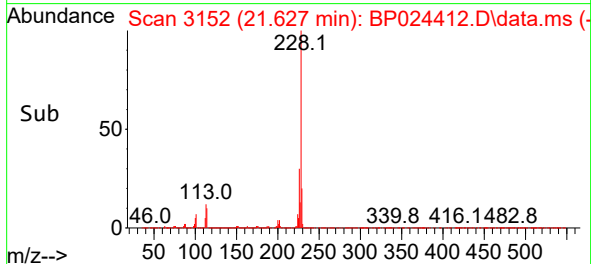
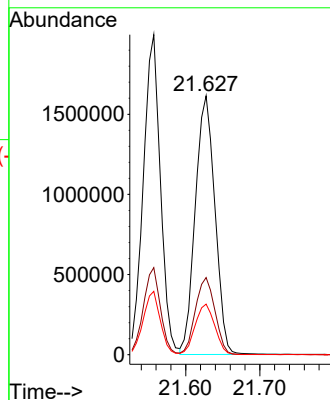
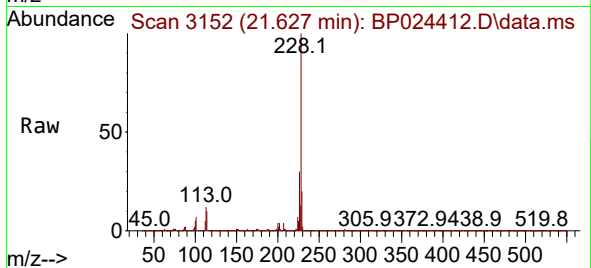
229 19.5 15.6 23.4

Manual Integrations

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Reviewed By :Rahul Chavli 04/25/2025

Supervised By :Jagrut Upadhyay 04/25/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.509 ng

RT: 21.498 min Scan# 3130

Delta R.T. -0.012 min

Lab File: BP024412.D

Acq: 24 Apr 2025 17:56

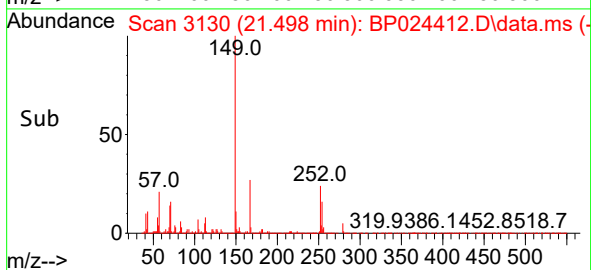
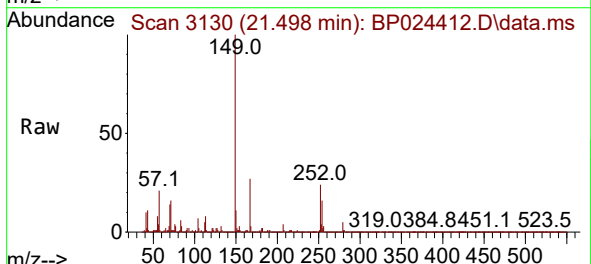
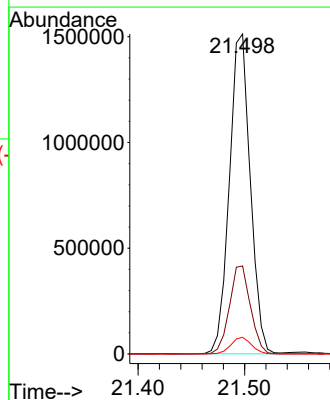
Tgt Ion:149 Resp: 2059928

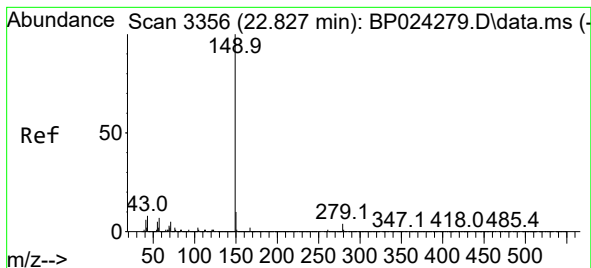
Ion Ratio Lower Upper

149 100

167 27.5 22.4 33.6

279 5.2 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 51.342 ng

RT: 22.763 min Scan# 31

Delta R.T. -0.023 min

Lab File: BP024412.D

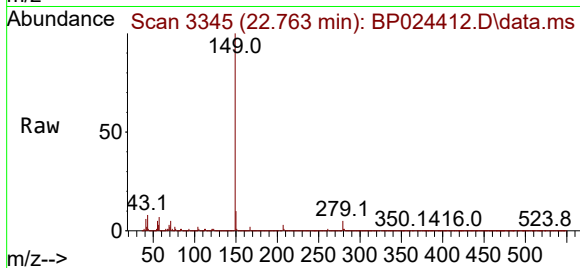
Acq: 24 Apr 2025 17:56

Instrument :

BNA_P

ClientSampleId :

ETGI-354MSD



Tgt Ion:149 Resp: 361905

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

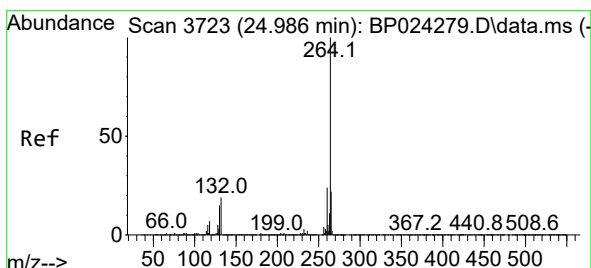
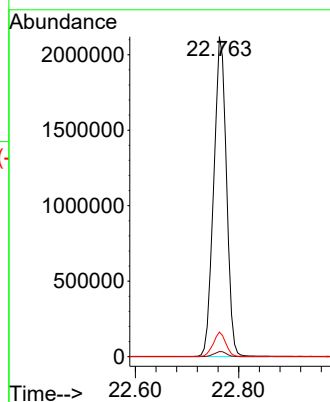
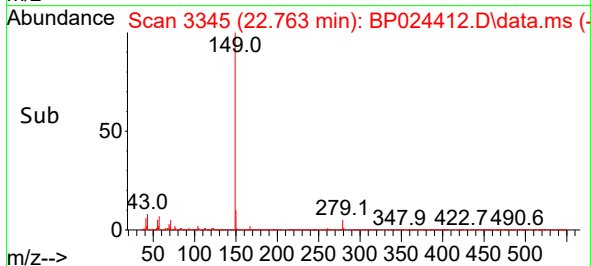
43 7.4 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/25/2025

Supervised By :Jagrut Upadhyay 04/25/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.904 min Scan# 3709

Delta R.T. -0.029 min

Lab File: BP024412.D

Acq: 24 Apr 2025 17:56

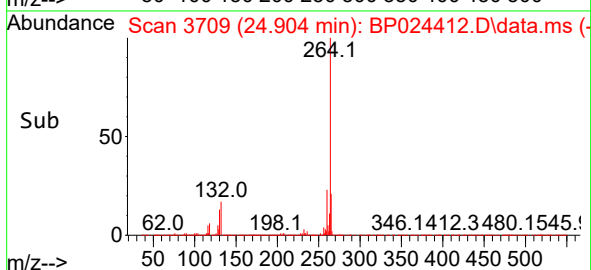
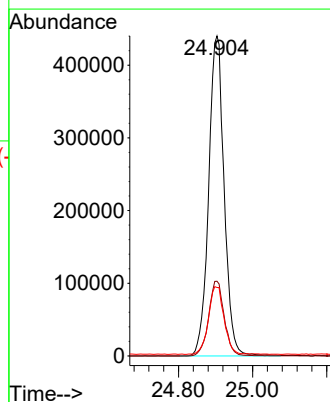
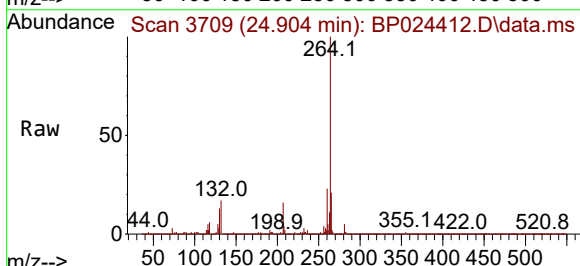
Tgt Ion:264 Resp: 1276743

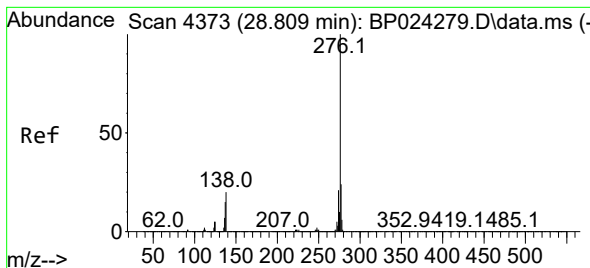
Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 21.4 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.537 ng m

RT: 28.680 min Scan# 41

Delta R.T. -0.059 min

Lab File: BP024412.D

Acq: 24 Apr 2025 17:56

Instrument :

BNA_P

ClientSampleId :

ETGI-354MSD

Tgt Ion:276 Resp: 456810

Ion Ratio Lower Upper

276 100

138 15.4 14.5 21.7

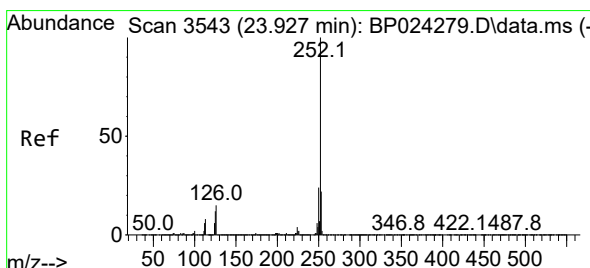
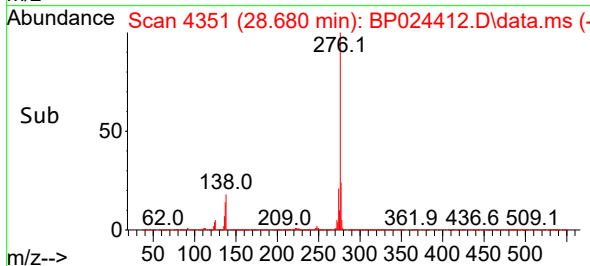
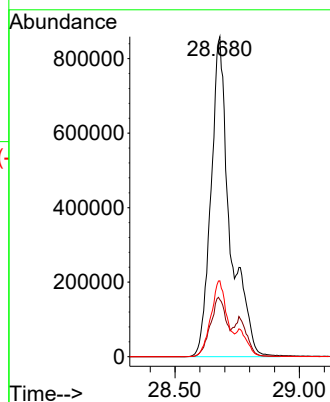
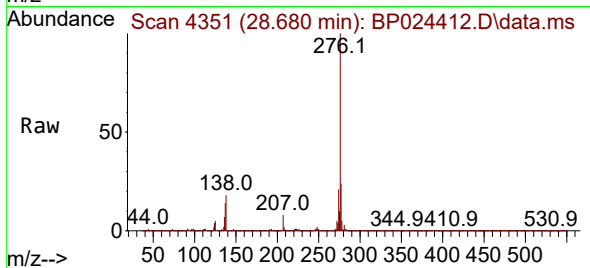
277 20.2 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/25/2025

Supervised By :Jagrut Upadhyay 04/25/2025



#88

Benzo(b)fluoranthene

Concen: 46.836 ng

RT: 23.857 min Scan# 3531

Delta R.T. -0.029 min

Lab File: BP024412.D

Acq: 24 Apr 2025 17:56

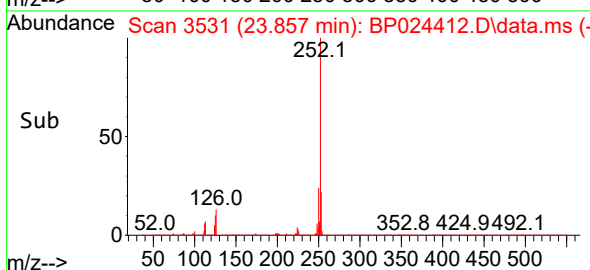
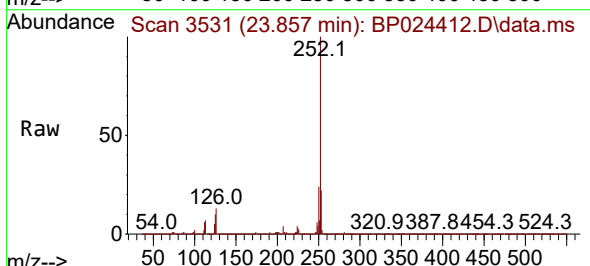
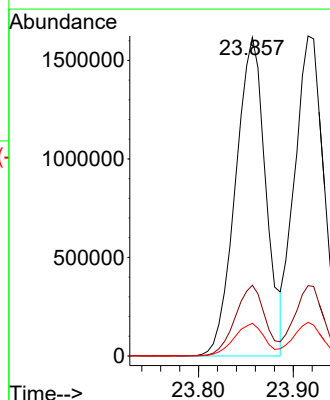
Tgt Ion:252 Resp: 3584284

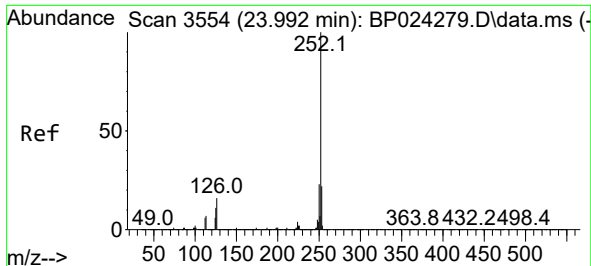
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

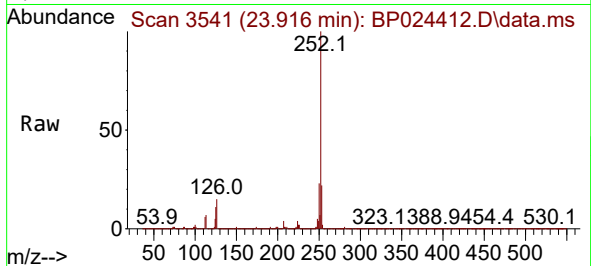
125 10.3 9.4 14.0





#89
Benzo(k)fluoranthene
Concen: 46.965 ng
RT: 23.916 min Scan# 31
Delta R.T. -0.041 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

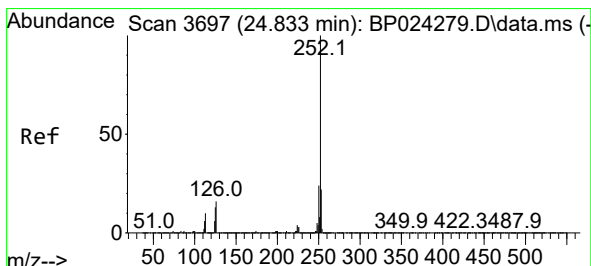
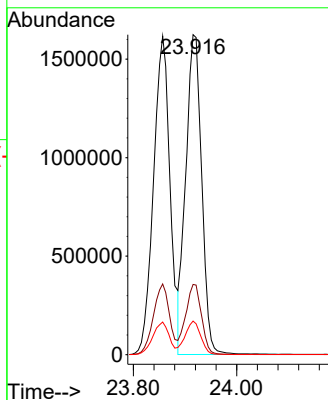
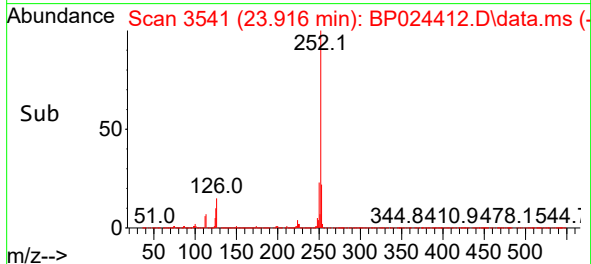
Instrument :
BNA_P
ClientSampleId :
ETGI-354MSD



Tgt Ion:252 Resp: 347177
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 10.5 9.1 13.7

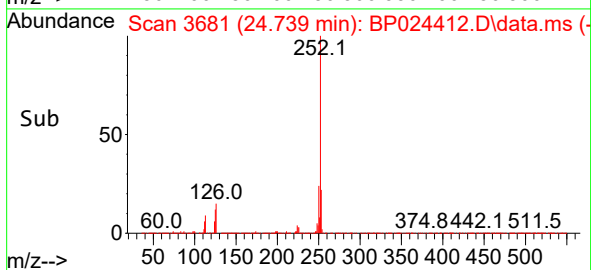
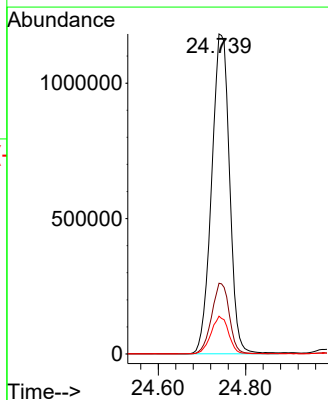
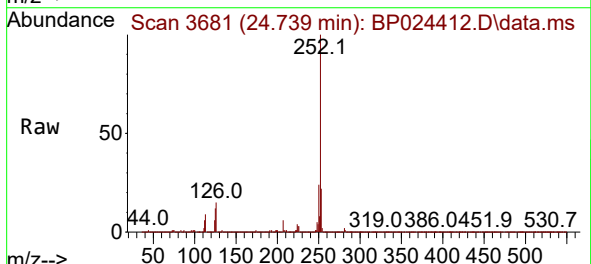
Manual Integrations
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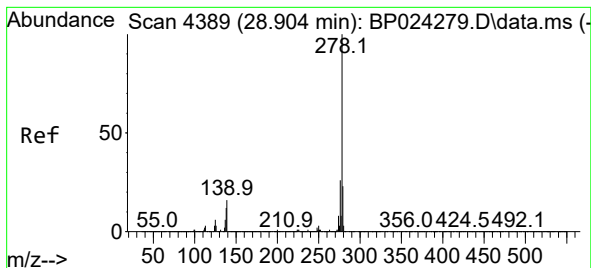
Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025



#90
Benzo(a)pyrene
Concen: 50.873 ng
RT: 24.739 min Scan# 3681
Delta R.T. -0.041 min
Lab File: BP024412.D
Acq: 24 Apr 2025 17:56

Tgt Ion:252 Resp: 3358330
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 11.8 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 50.831 ng

RT: 28.762 min Scan# 41

Delta R.T. -0.041 min

Lab File: BP024412.D

Acq: 24 Apr 2025 17:56

Instrument :

BNA_P

ClientSampleId :

ETGI-354MSD

Tgt Ion:278 Resp: 373969

Ion Ratio Lower Upper

278 100

139 15.5 12.6 19.0

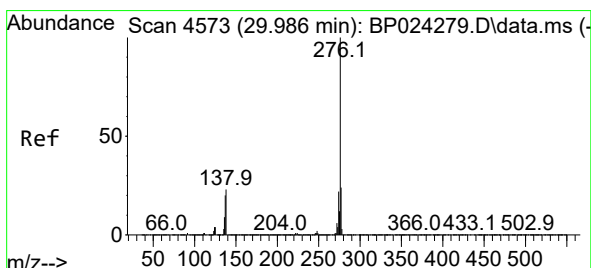
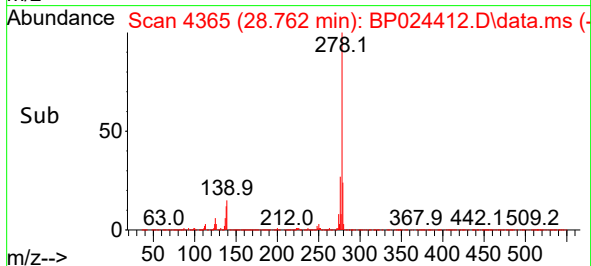
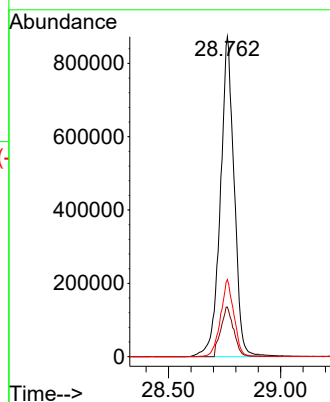
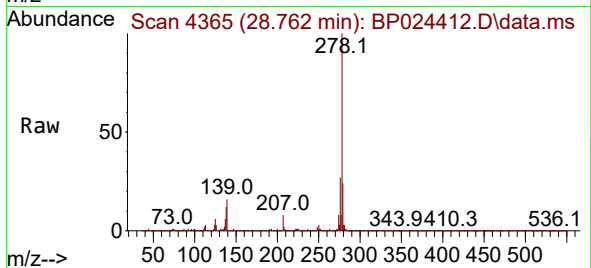
279 24.1 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/25/2025

Supervised By :Jagrut Upadhyay 04/25/2025



#92

Benzo(g,h,i)perylene

Concen: 49.038 ng

RT: 29.862 min Scan# 4552

Delta R.T. -0.035 min

Lab File: BP024412.D

Acq: 24 Apr 2025 17:56

Tgt Ion:276 Resp: 3672236

Ion Ratio Lower Upper

276 100

277 23.4 18.9 28.3

138 20.7 18.7 28.1

