

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042425\
 Data File : BP024409.D
 Acq On : 24 Apr 2025 13:12
 Operator : RC/JU
 Sample : PB167711BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167711BS

Manual Integrations
 APPROVED

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

Quant Time: Apr 24 13:44:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	253522	20.000	ng	0.00
21) Naphthalene-d8	10.493	136	1075215	20.000	ng	0.00
39) Acenaphthene-d10	14.351	164	697166	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	1340063	20.000	ng	0.00
76) Chrysene-d12	21.592	240	1256048	20.000	ng	0.00
86) Perylene-d12	24.898	264	1241821	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	2197888	143.345	ng	0.00
7) Phenol-d6	6.911	99	2783669	132.587	ng	0.00
23) Nitrobenzene-d5	8.869	82	1704054	90.370	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	1465217	151.904	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	4093234	89.895	ng	0.00
79) Terphenyl-d14	19.869	244	6278618	100.756	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	232076	35.784	ng	# 96
3) Pyridine	3.681	79	582948	34.040	ng	96
4) n-Nitrosodimethylamine	3.587	42	272495	47.944	ng	83
6) Aniline	7.058	93	945912	50.419	ng	99
8) 2-Chlorophenol	7.293	128	831217	48.555	ng	100
9) Benzaldehyde	6.869	77	383026	36.881	ng	98
10) Phenol	6.940	94	1001282	47.542	ng	95
11) bis(2-Chloroethyl)ether	7.152	93	728515	42.932	ng	99
12) 1,3-Dichlorobenzene	7.611	146	835831	45.352	ng	99
13) 1,4-Dichlorobenzene	7.758	146	852324	45.581	ng	99
14) 1,2-Dichlorobenzene	8.069	146	818436	45.327	ng	99
15) Benzyl Alcohol	7.964	79	693495	51.077	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.240	45	837651	45.669	ng	99
17) 2-Methylphenol	8.164	107	700565	51.419	ng	98
18) Hexachloroethane	8.787	117	319132	47.225	ng	97
19) n-Nitroso-di-n-propyla...	8.522	70	569969	43.882	ng	97
20) 3+4-Methylphenols	8.487	107	951205	50.316	ng	98
22) Acetophenone	8.534	105	1173312	44.089	ng	# 98
24) Nitrobenzene	8.911	77	849421	45.536	ng	99
25) Isophorone	9.434	82	1642451	48.121	ng	98
26) 2-Nitrophenol	9.616	139	453063	49.631	ng	98
27) 2,4-Dimethylphenol	9.675	122	797482	69.575	ng	99
28) bis(2-Chloroethoxy)met...	9.905	93	1021558	44.306	ng	99
29) 2,4-Dichlorophenol	10.152	162	790457	50.577	ng	100
30) 1,2,4-Trichlorobenzene	10.352	180	775043	46.285	ng	99
31) Naphthalene	10.540	128	2467338	43.563	ng	99
32) Benzoic acid	9.852	122	619320m	46.370	ng	
33) 4-Chloroaniline	10.652	127	566757	28.415	ng	99
34) Hexachlorobutadiene	10.828	225	484479	49.236	ng	99
35) Caprolactam	11.457	113	272839	47.313	ng	96
36) 4-Chloro-3-methylphenol	11.787	107	913069	50.158	ng	100
37) 2-Methylnaphthalene	12.152	142	1626904	41.418	ng	98
38) 1-Methylnaphthalene	12.375	142	1722406	44.823	ng	99
40) 1,2,4,5-Tetrachloroben...	12.522	216	891731	46.512	ng	98
41) Hexachlorocyclopentadiene	12.504	237	1287773	189.918	ng	99
43) 2,4,6-Trichlorophenol	12.775	196	653727	51.286	ng	98

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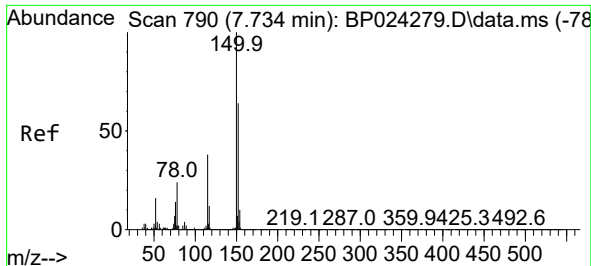
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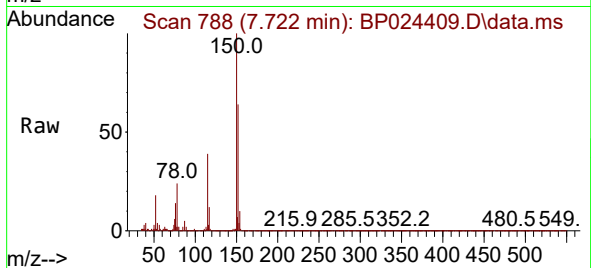
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.846	196	713463	50.545	ng	99
46) 1,1'-Biphenyl	13.169	154	2288756	44.663	ng	99
47) 2-Chloronaphthalene	13.210	162	1768390	46.172	ng	99
48) 2-Nitroaniline	13.422	65	540597	50.319	ng	96
49) Acenaphthylene	14.069	152	2958042	49.055	ng	100
50) Dimethylphthalate	13.810	163	2347925	46.311	ng	100
51) 2,6-Dinitrotoluene	13.922	165	520037	48.304	ng	98
52) Acenaphthene	14.416	154	1687552	44.144	ng	100
53) 3-Nitroaniline	14.257	138	380831	33.657	ng	99
54) 2,4-Dinitrophenol	14.475	184	683241	107.740	ng	97
55) Dibenzofuran	14.751	168	2712810	43.414	ng	97
56) 4-Nitrophenol	14.593	139	940367	96.228	ng	95
57) 2,4-Dinitrotoluene	14.728	165	739331	50.343	ng	98
58) Fluorene	15.416	166	2198302	45.444	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.987	232	630836	48.456	ng	99
60) Diethylphthalate	15.187	149	2374096	45.440	ng	100
61) 4-Chlorophenyl-phenyle...	15.404	204	1101609	46.896	ng	99
62) 4-Nitroaniline	15.440	138	551217	46.018	ng	93
63) Azobenzene	15.704	77	2136258	44.486	ng	98
65) 4,6-Dinitro-2-methylph...	15.504	198	436071	51.615	ng	97
66) n-Nitrosodiphenylamine	15.628	169	1940556	48.517	ng	99
67) 4-Bromophenyl-phenylether	16.316	248	729137	49.750	ng	99
68) Hexachlorobenzene	16.434	284	891077	51.166	ng	100
69) Atrazine	16.610	200	703421	69.050	ng	99
70) Pentachlorophenol	16.792	266	1233445	101.523	ng	100
71) Phenanthrene	17.187	178	3394420	46.433	ng	100
72) Anthracene	17.287	178	3466316	49.197	ng	99
73) Carbazole	17.575	167	3199228	46.471	ng	99
74) Di-n-butylphthalate	18.151	149	4093821	47.731	ng	100
75) Fluoranthene	19.281	202	3913968	45.017	ng	98
77) Benzidine	19.475	184	1764121	110.801	ng	99
78) Pyrene	19.651	202	4000869	50.122	ng	99
80) Butylbenzylphthalate	20.598	149	1708000	49.956	ng	99
81) Benzo(a)anthracene	21.569	228	3721613	47.670	ng	100
82) 3,3'-Dichlorobenzidine	21.486	252	934079	34.088	ng	99
83) Chrysene	21.633	228	3439076	45.980	ng	99
84) Bis(2-ethylhexyl)phtha...	21.504	149	2309093	46.070	ng	100
85) Di-n-octyl phthalate	22.775	149	3617572	44.397	ng	100
87) Indeno(1,2,3-cd)pyrene	28.662	276	4105190	47.617	ng	98
88) Benzo(b)fluoranthene	23.863	252	3550127	47.694	ng	99
89) Benzo(k)fluoranthene	23.933	252	3491888	48.565	ng	99
90) Benzo(a)pyrene	24.751	252	3327370	51.822	ng	99
91) Dibenzo(a,h)anthracene	28.745	278	3388295	47.350	ng	98
92) Benzo(g,h,i)perylene	29.851	276	3281655	45.055	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.722 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

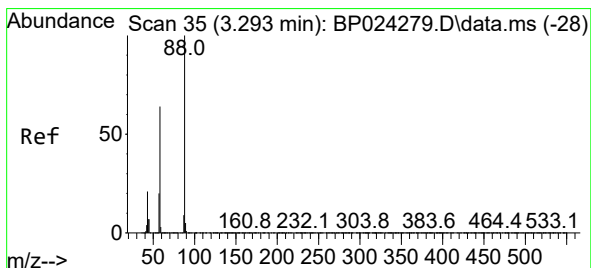
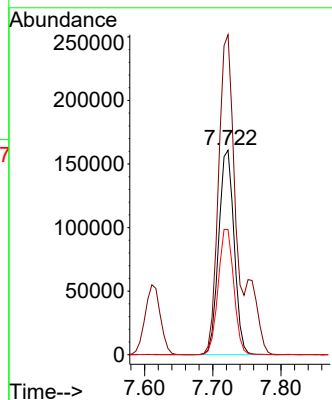
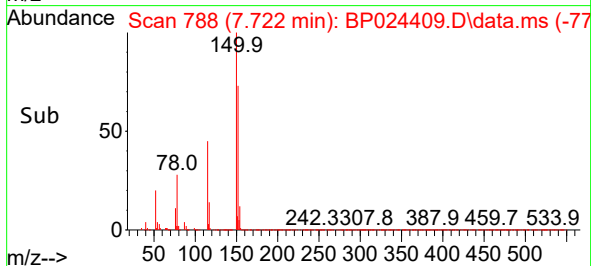
Instrument :
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Tgt Ion: 152 Resp: 25352
Ion Ratio Lower Upper
152 100
150 156.5 124.9 187.3
115 61.2 47.7 71.5

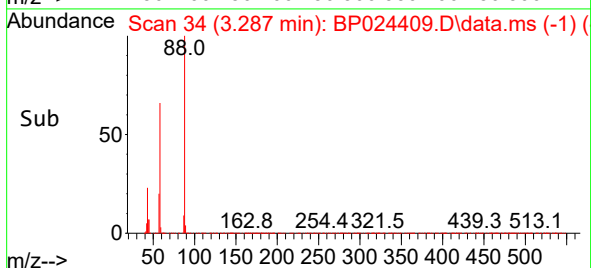
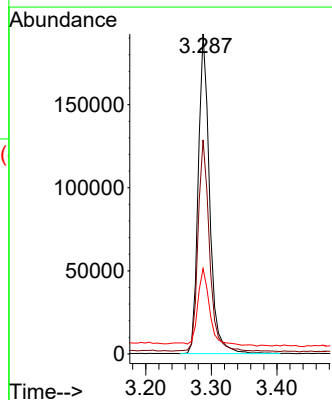
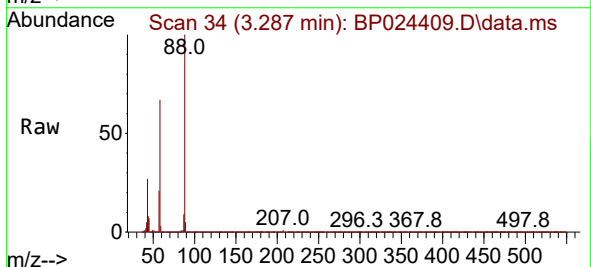
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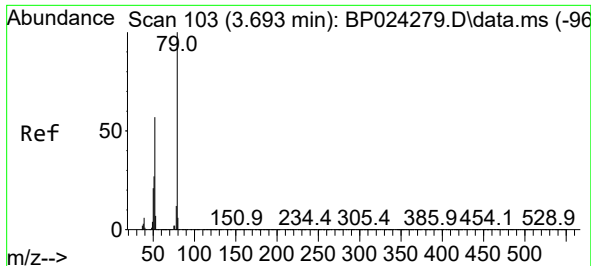
Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025



#2
1,4-Dioxane
Concen: 35.784 ng
RT: 3.287 min Scan# 34
Delta R.T. 0.000 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

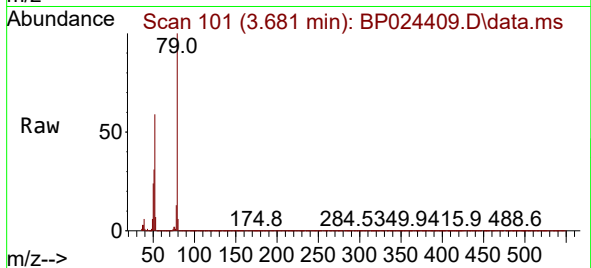
Tgt Ion: 88 Resp: 232076
Ion Ratio Lower Upper
88 100
58 66.2 51.4 77.2
43 25.9 17.1 25.7#





#3
Pyridine
Concen: 34.040 ng
RT: 3.681 min Scan# 103
Delta R.T. -0.006 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

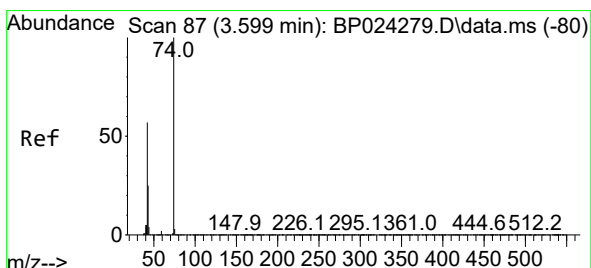
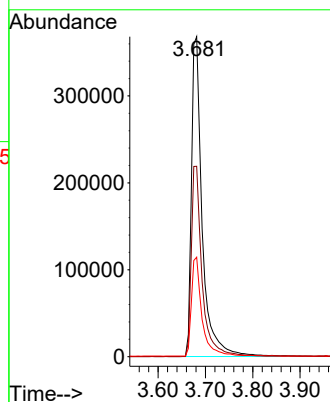
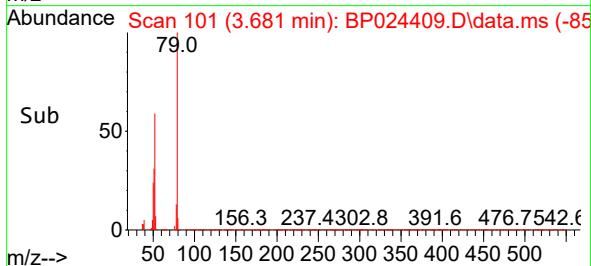
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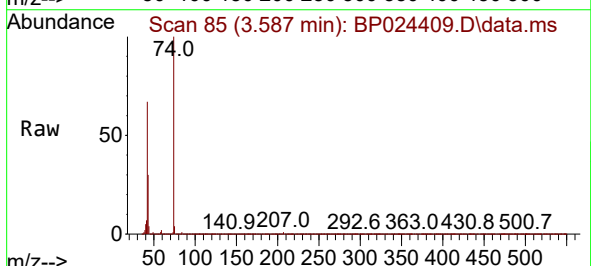
Tgt Ion: 79 Resp: 582948
Ion Ratio Lower Upper
79 100
52 59.5 45.4 68.2
51 31.1 22.6 33.8

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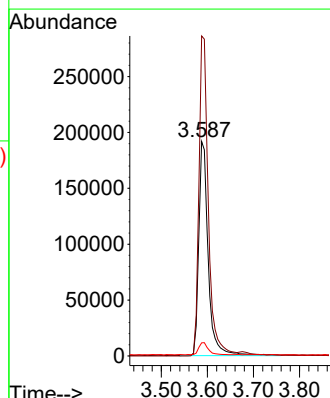
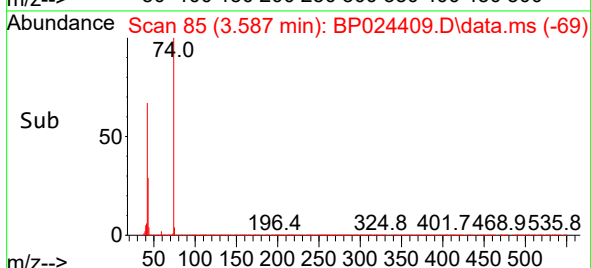
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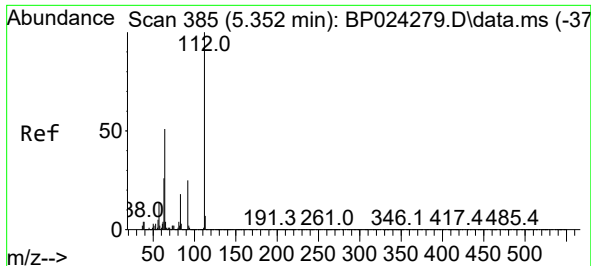


#4
n-Nitrosodimethylamine
Concen: 47.944 ng
RT: 3.587 min Scan# 85
Delta R.T. -0.006 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12



Tgt Ion: 42 Resp: 272495
Ion Ratio Lower Upper
42 100
74 149.3 139.5 209.3
44 6.2 5.8 8.8





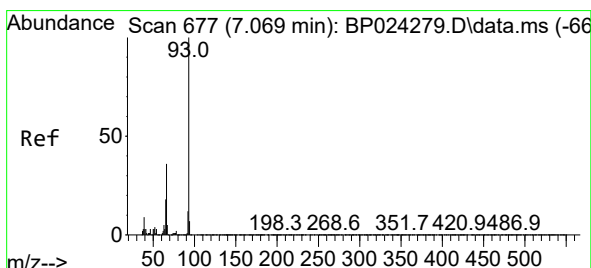
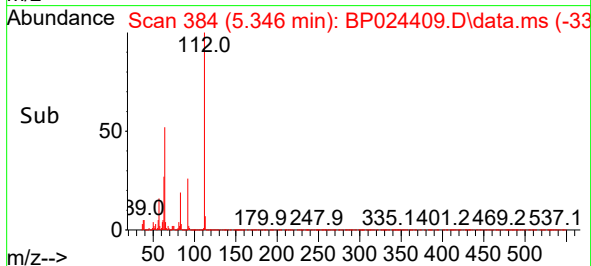
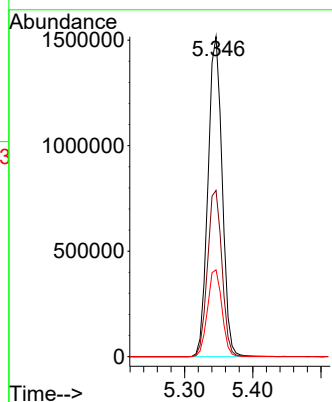
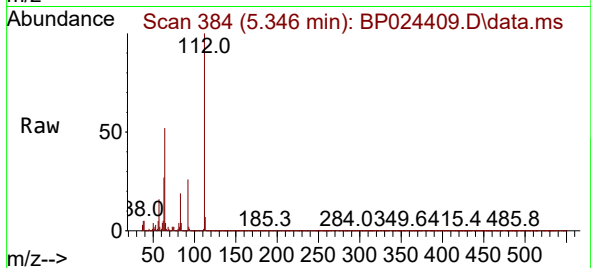
#5
2-Fluorophenol
Concen: 143.345 ng
RT: 5.346 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 219788
Ion Ratio Lower Upper
112 100
64 51.9 41.1 61.7
63 27.2 20.6 30.8

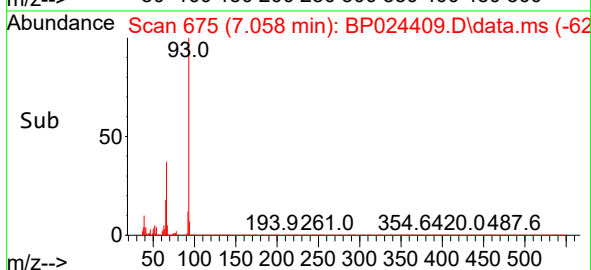
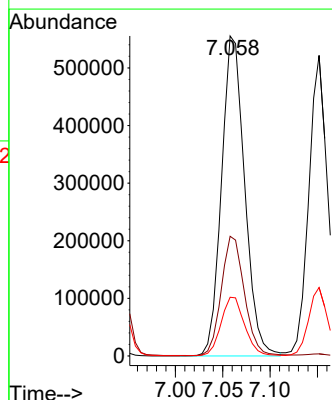
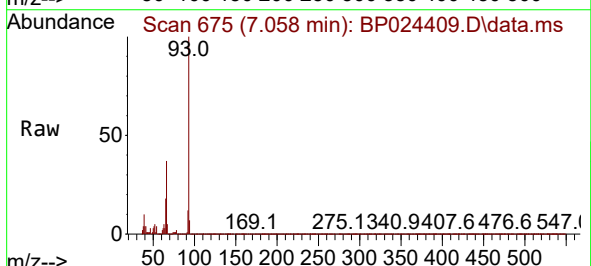
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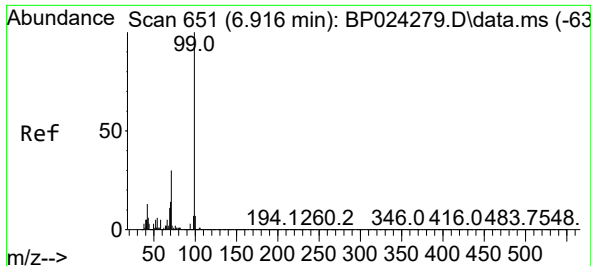
Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025



#6
Aniline
Concen: 50.419 ng
RT: 7.058 min Scan# 675
Delta R.T. -0.006 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

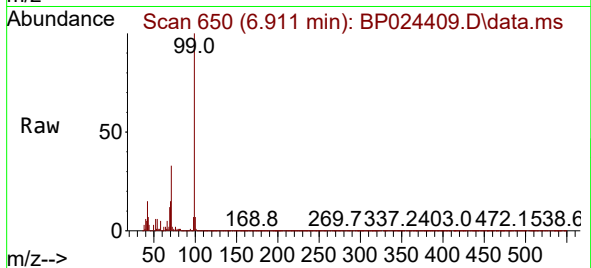
Tgt Ion: 93 Resp: 945912
Ion Ratio Lower Upper
93 100
66 37.4 29.1 43.7
65 18.4 14.7 22.1





#7
Phenol-d6
Concen: 132.587 ng
RT: 6.911 min Scan# 611
Delta R.T. 0.000 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

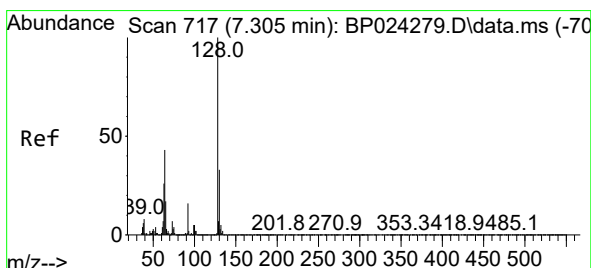
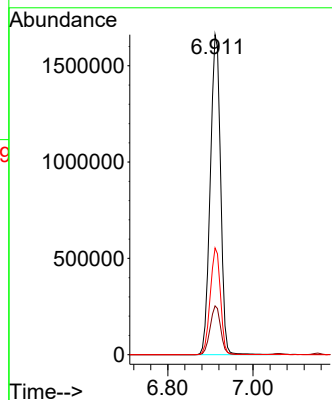
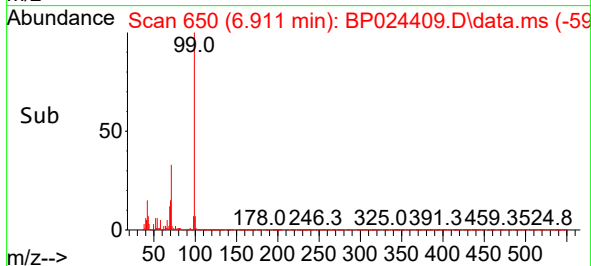
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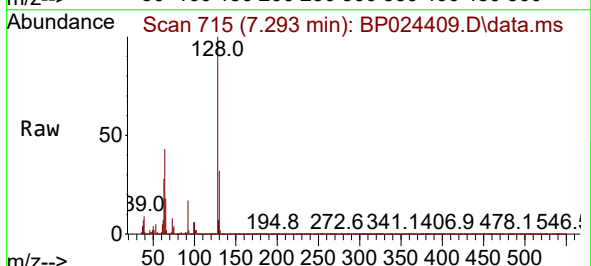
Tgt Ion: 99 Resp: 278366
Ion Ratio Lower Upper
99 100
42 15.3 10.6 16.0
71 33.3 23.7 35.5

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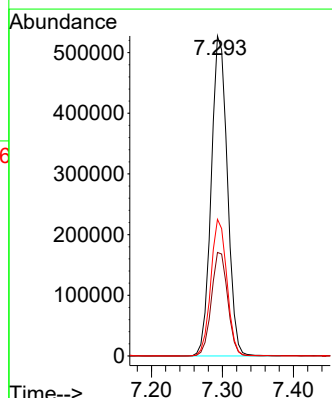
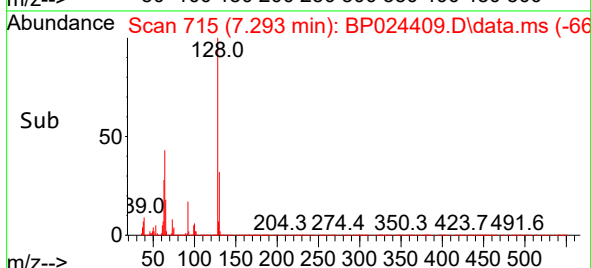
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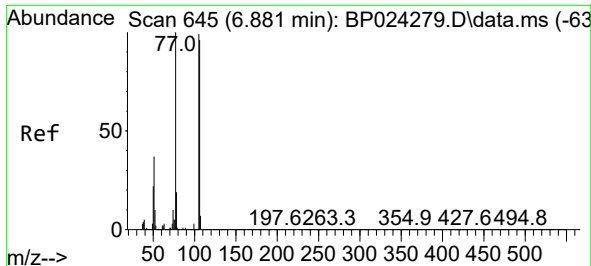


#8
2-Chlorophenol
Concen: 48.555 ng
RT: 7.293 min Scan# 715
Delta R.T. -0.006 min
Lab File: BP024409.D
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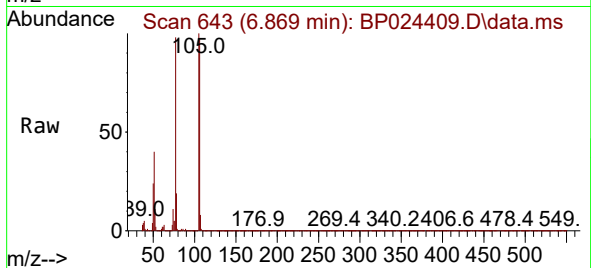
Tgt Ion:128 Resp: 831217
Ion Ratio Lower Upper
128 100
130 32.4 12.9 52.9
64 42.7 22.7 62.7





#9
Benzaldehyde
Concen: 36.881 ng
RT: 6.869 min Scan# 643
Delta R.T. -0.012 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

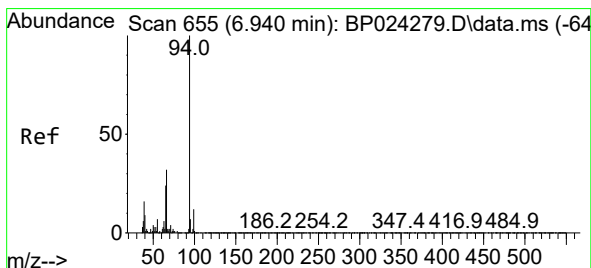
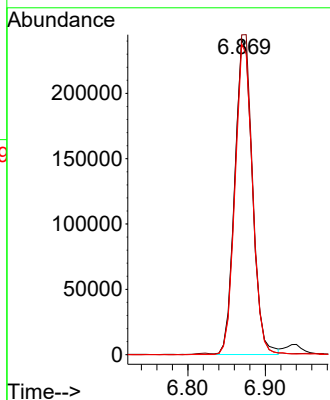
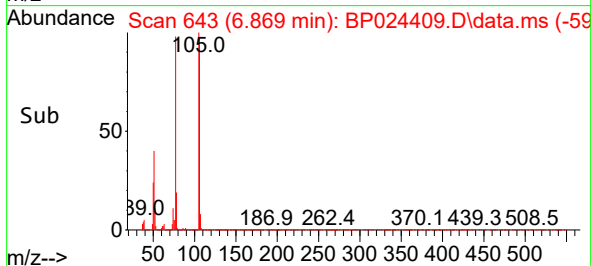
Instrument :
BNA_P
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Tgt Ion: 77 Resp: 383020
Ion Ratio Lower Upper
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105 101.6 79.2 119.2
106 98.6 76.2 116.2

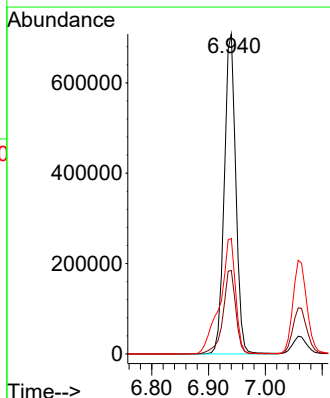
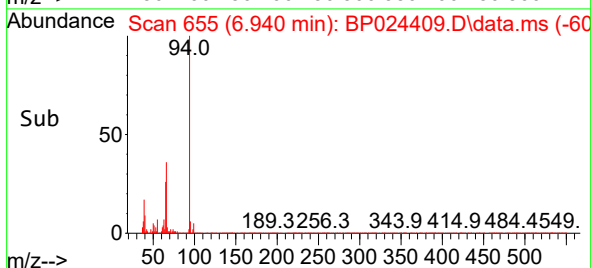
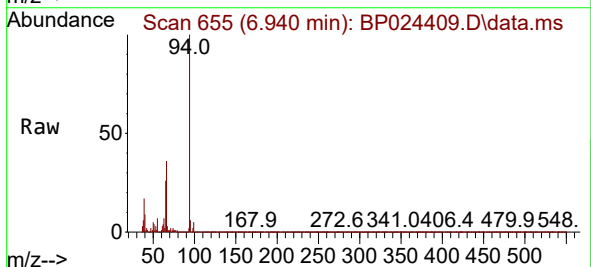
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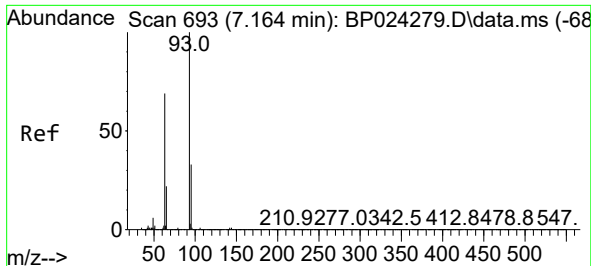
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Supervised By :Jagrut Upadhyay 04/25/2025



#10
Phenol
Concen: 47.542 ng
RT: 6.940 min Scan# 655
Delta R.T. 0.000 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

Tgt Ion: 94 Resp: 1001282
Ion Ratio Lower Upper
94 100
65 26.1 4.5 44.5
66 36.1 12.4 52.4





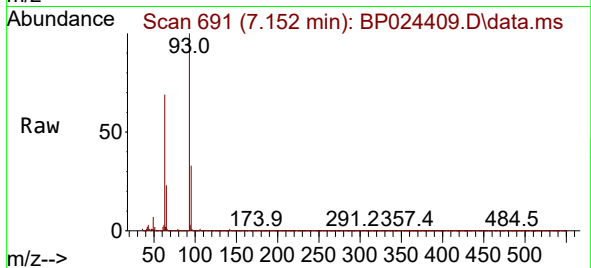
#11
bis(2-Chloroethyl)ether
Concen: 42.932 ng
RT: 7.152 min Scan# 691
Delta R.T. -0.006 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

Instrument :

BNA_P

ClientSampleId :

PB167711BS



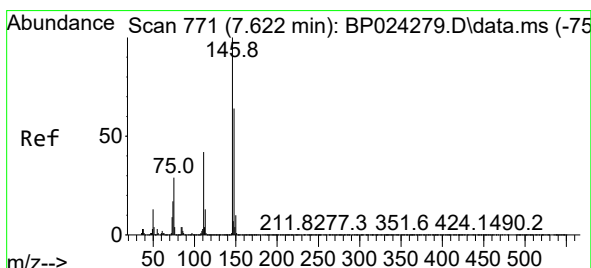
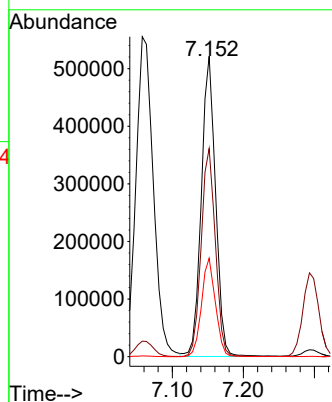
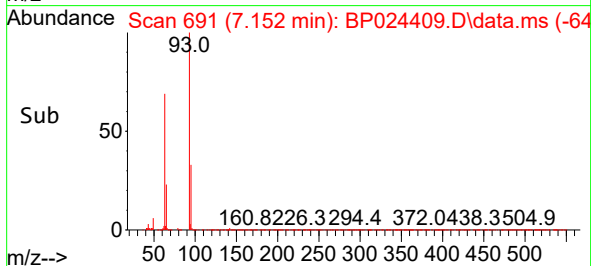
Tgt Ion: 93 Resp: 72851
Ion Ratio Lower Upper
93 100
63 69.3 48.6 88.6
95 32.7 12.3 52.3

Manual Integrations

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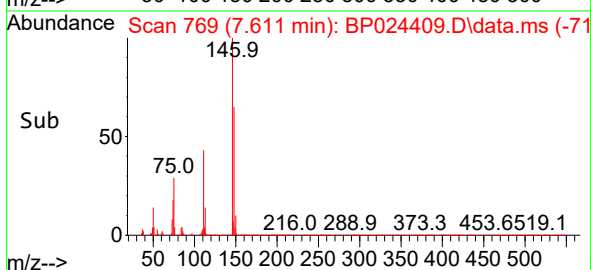
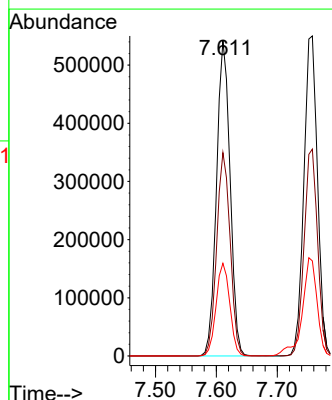
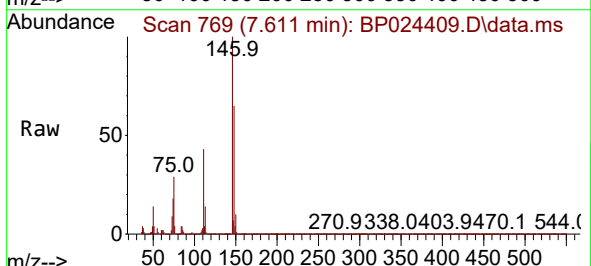
Reviewed By :Rahul Chavli 04/25/2025

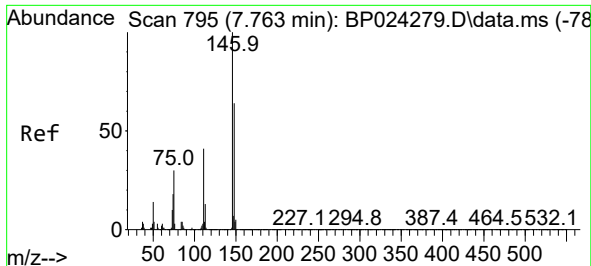
Supervised By :Jagrut Upadhyay 04/25/2025



#12
1,3-Dichlorobenzene
Concen: 45.352 ng
RT: 7.611 min Scan# 769
Delta R.T. -0.006 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

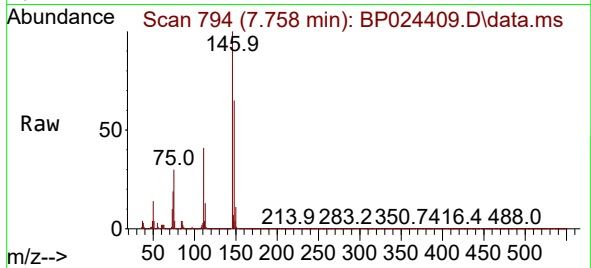
Tgt Ion:146 Resp: 835831
Ion Ratio Lower Upper
146 100
148 64.5 51.4 77.0
75 29.4 22.9 34.3





#13
1,4-Dichlorobenzene
Concen: 45.581 ng
RT: 7.758 min Scan# 794
Delta R.T. 0.000 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

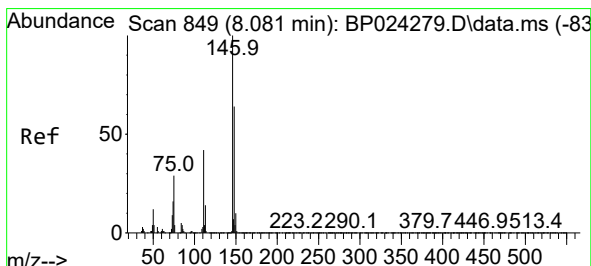
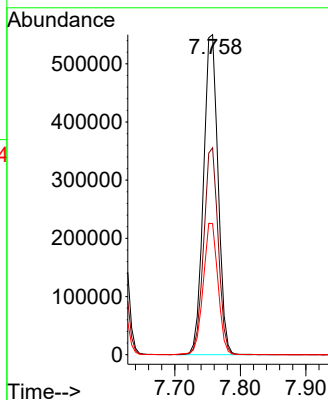
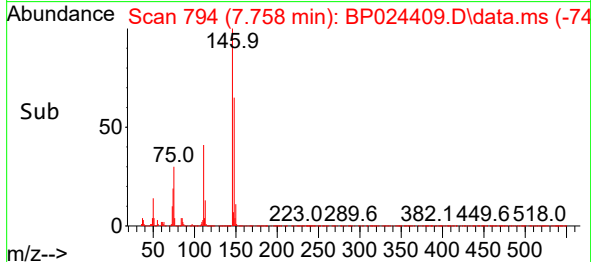
Instrument :
BNA_P
ClientSampleId :
PB167711BS



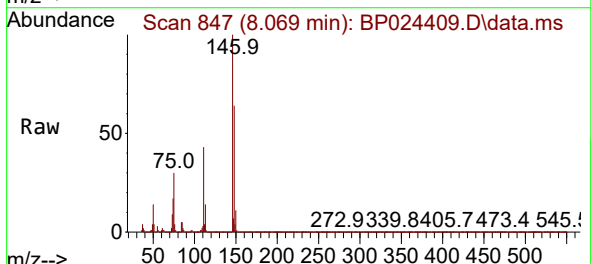
Tgt Ion:146 Resp: 852324
Ion Ratio Lower Upper
146 100
148 64.7 51.1 76.7
111 40.9 32.6 48.8

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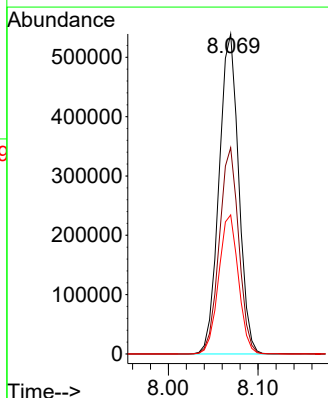
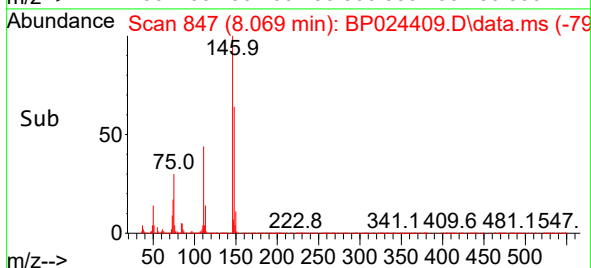
Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025

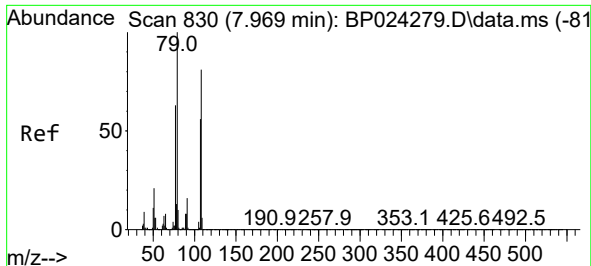


#14
1,2-Dichlorobenzene
Concen: 45.327 ng
RT: 8.069 min Scan# 847
Delta R.T. -0.006 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12



Tgt Ion:146 Resp: 818436
Ion Ratio Lower Upper
146 100
148 64.5 51.0 76.4
111 43.5 33.8 50.8





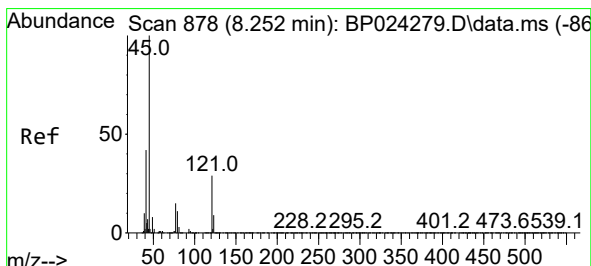
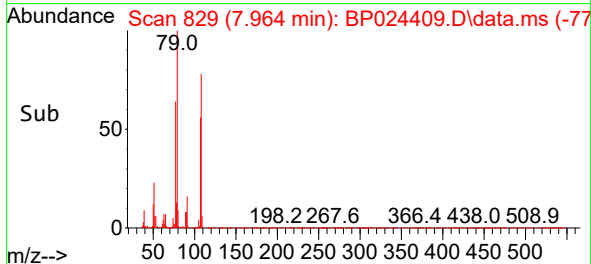
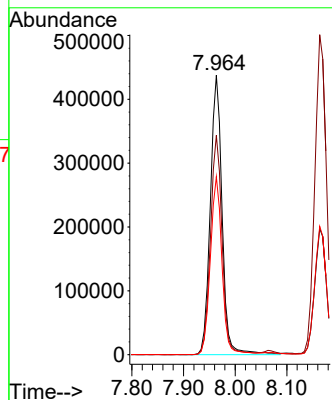
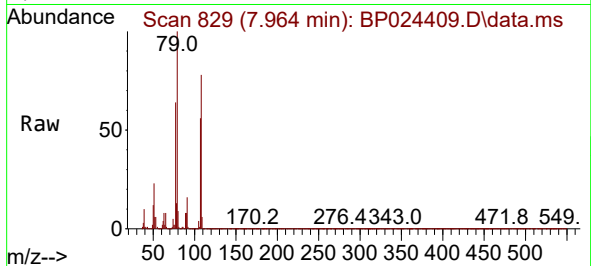
#15
Benzyl Alcohol
Concen: 51.077 ng
RT: 7.964 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

Instrument :
BNA_P
ClientSampleId :
PB167711BS

Tgt Ion: 79 Resp: 69349
Ion Ratio Lower Upper
79 100
108 78.5 65.1 97.7
77 63.7 50.7 76.1

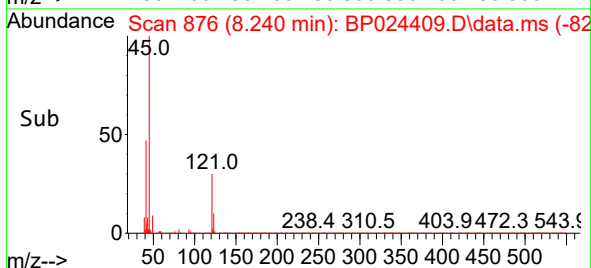
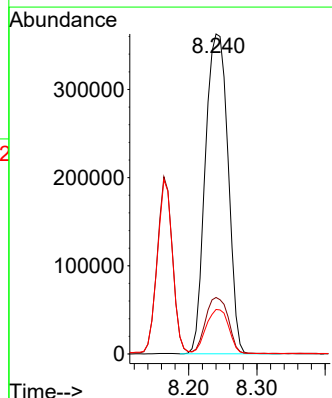
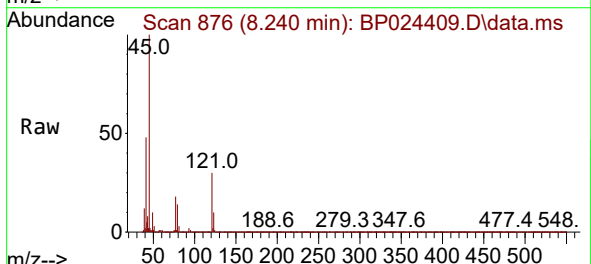
Manual Integrations
APPROVED

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



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.669 ng
RT: 8.240 min Scan# 876
Delta R.T. -0.006 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

Tgt Ion: 45 Resp: 837651
Ion Ratio Lower Upper
45 100
77 17.6 0.0 37.7
79 13.9 0.0 33.5





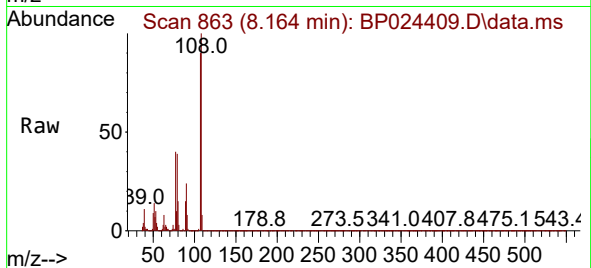
#17
2-Methylphenol
Concen: 51.419 ng
RT: 8.164 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

Instrument :

BNA_P

ClientSampleId :

PB167711BS



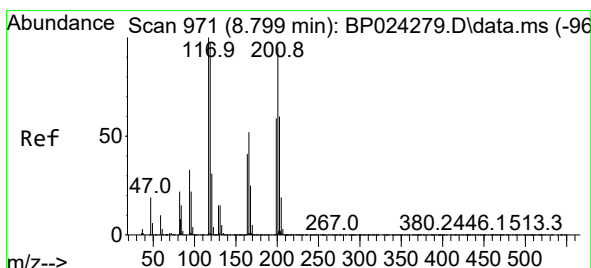
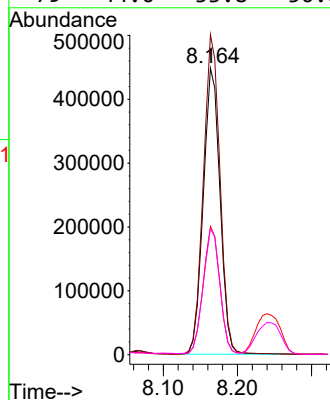
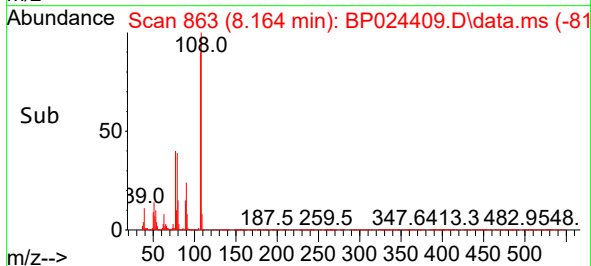
Tgt Ion:107 Resp: 70056
Ion Ratio Lower Upper
107 100
108 111.7 89.8 134.6
77 44.8 34.2 51.4
79 44.0 33.8 50.8

Manual Integrations

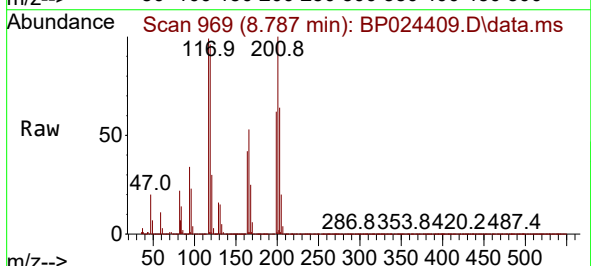
APPROVED

Reviewed By :Rahul Chavli 04/25/2025

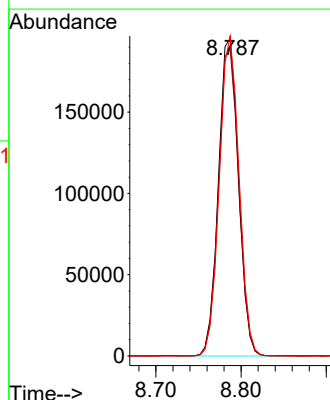
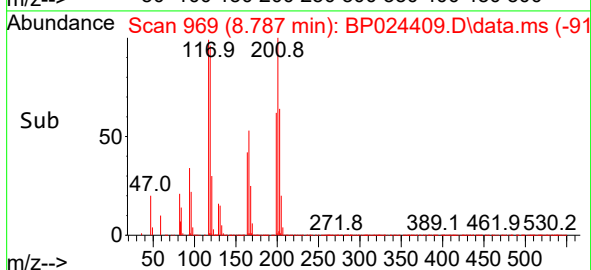
Supervised By :Jagrut Upadhyay 04/25/2025

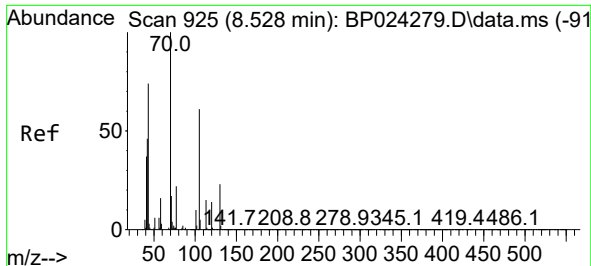


#18
Hexachloroethane
Concen: 47.225 ng
RT: 8.787 min Scan# 969
Delta R.T. -0.006 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12



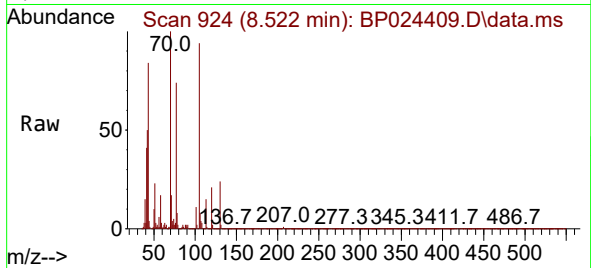
Tgt Ion:117 Resp: 319132
Ion Ratio Lower Upper
117 100
119 96.8 77.8 116.6
201 100.8 75.9 113.9





#19
n-Nitroso-di-n-propylamine
Concen: 43.882 ng
RT: 8.522 min Scan# 918
Delta R.T. 0.000 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

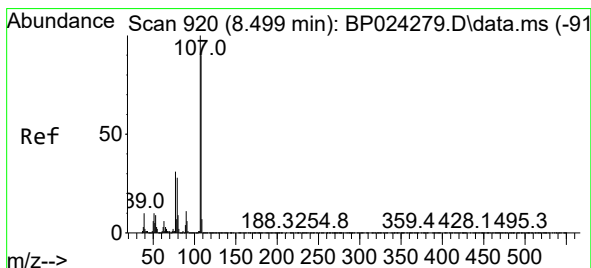
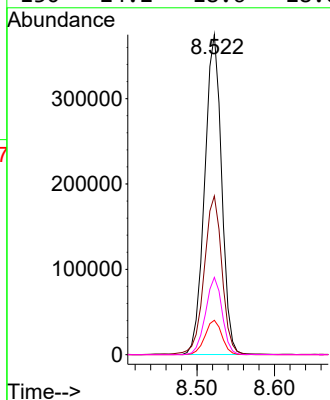
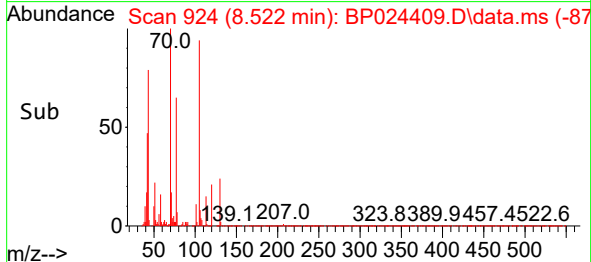
Instrument :
BNA_P
ClientSampleId :
PB167711BS



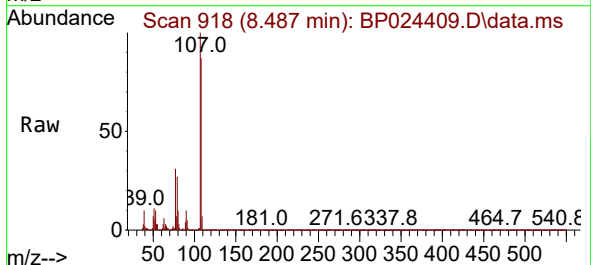
Tgt Ion: 70 Resp: 56996
Ion Ratio Lower Upper
70 100
42 49.6 37.3 55.9
101 10.7 8.2 12.4
130 24.2 18.6 28.0

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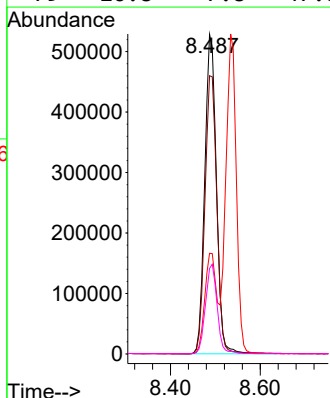
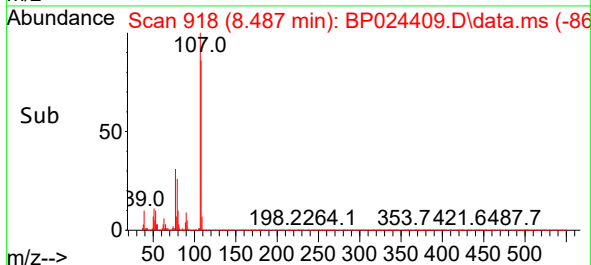
Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025

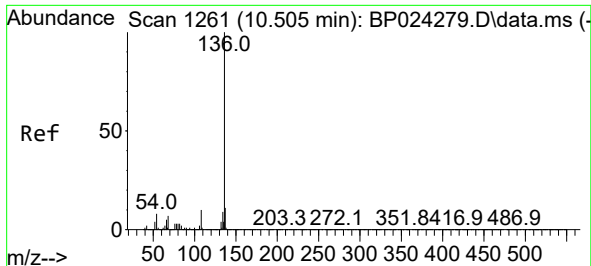


#20
3+4-Methylphenols
Concen: 50.316 ng
RT: 8.487 min Scan# 918
Delta R.T. -0.006 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12



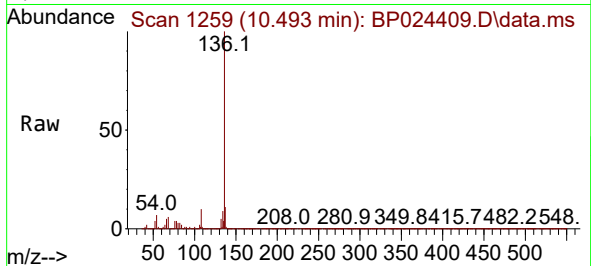
Tgt Ion:107 Resp: 951205
Ion Ratio Lower Upper
107 100
108 87.0 69.8 109.8
77 31.5 11.5 51.5
79 26.8 7.8 47.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.493 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

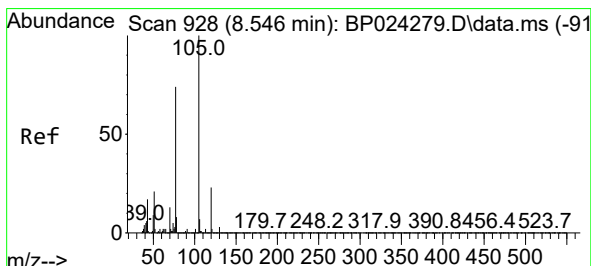
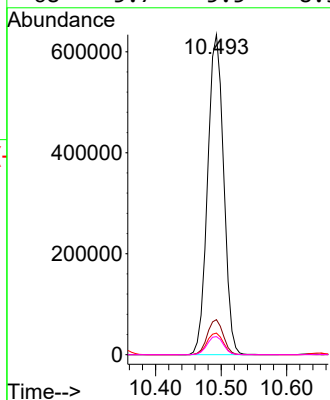
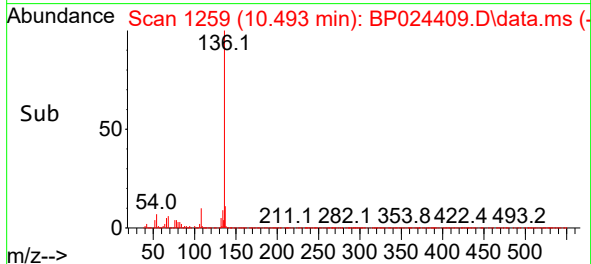
Instrument :
BNA_P
ClientSampleId :
PB167711BS



Tgt Ion:136 Resp: 1075215
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 6.7 6.0 9.0
68 5.7 5.5 8.3

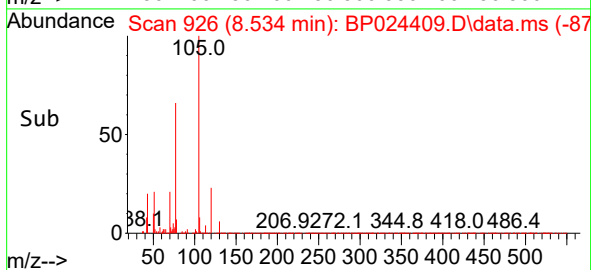
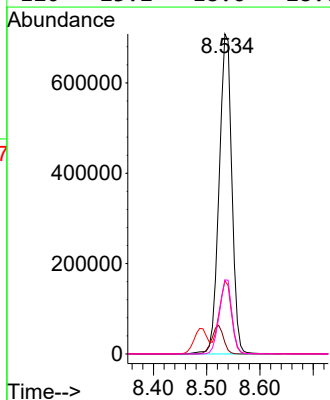
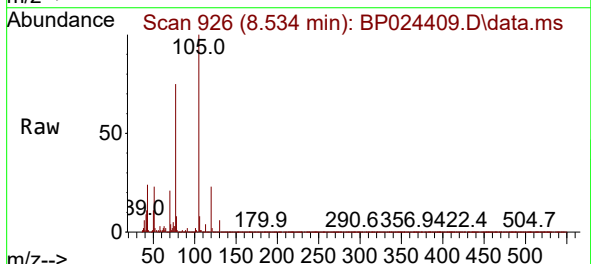
Manual Integrations
APPROVED

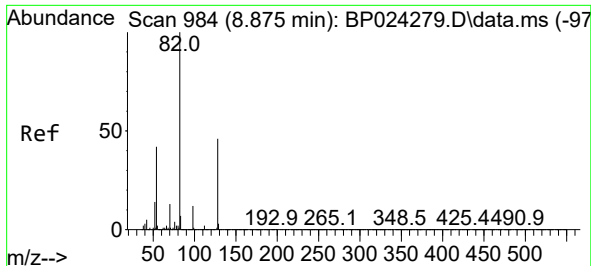
Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025



#22
Acetophenone
Concen: 44.089 ng
RT: 8.534 min Scan# 926
Delta R.T. -0.006 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

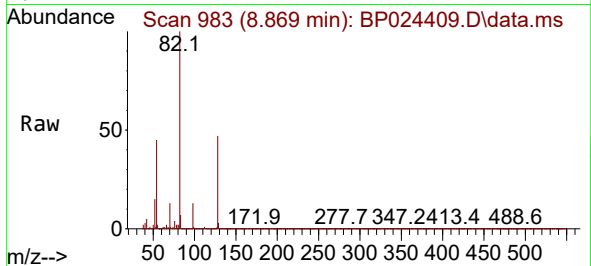
Tgt Ion:105 Resp: 1173312
Ion Ratio Lower Upper
105 100
71 3.6 1.7 2.5#
51 22.9 16.9 25.3
120 23.2 18.6 28.0





#23
Nitrobenzene-d5
Concen: 90.370 ng
RT: 8.869 min Scan# 910
Delta R.T. 0.000 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

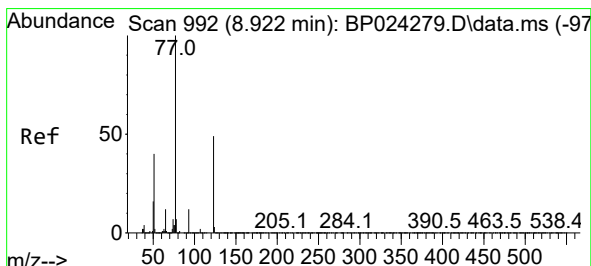
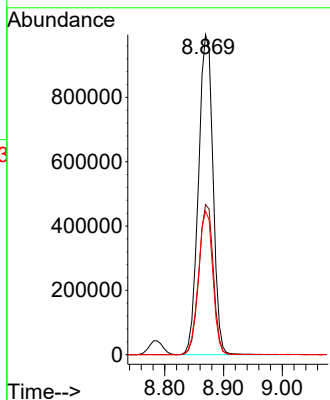
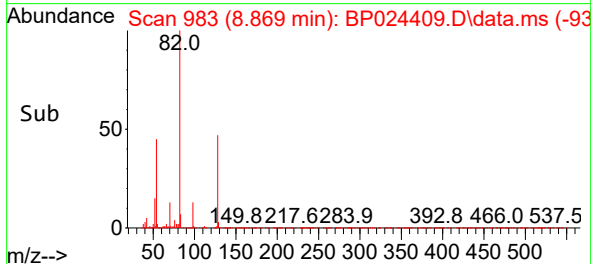
Instrument :
BNA_P
ClientSampleId :
PB167711BS



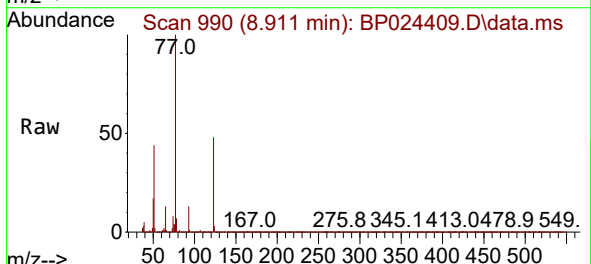
Tgt Ion: 82 Resp: 1704054
Ion Ratio Lower Upper
82 100
128 46.9 36.5 54.7
54 44.8 33.4 50.2

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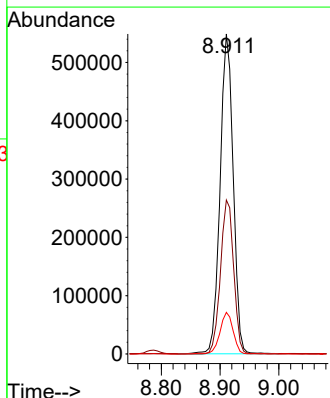
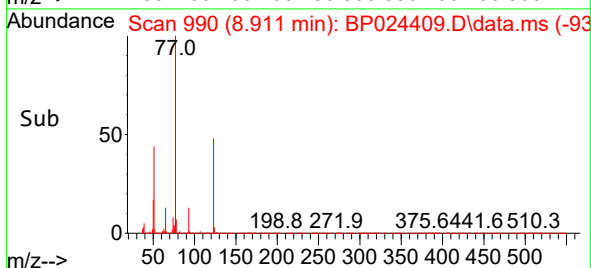
Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025

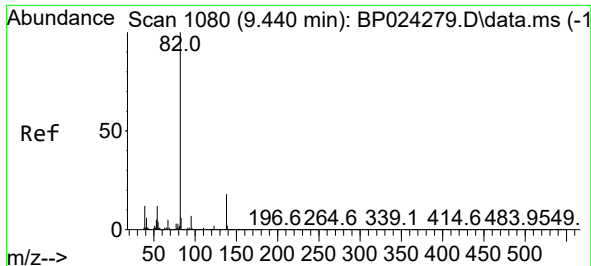


#24
Nitrobenzene
Concen: 45.536 ng
RT: 8.911 min Scan# 990
Delta R.T. 0.000 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12



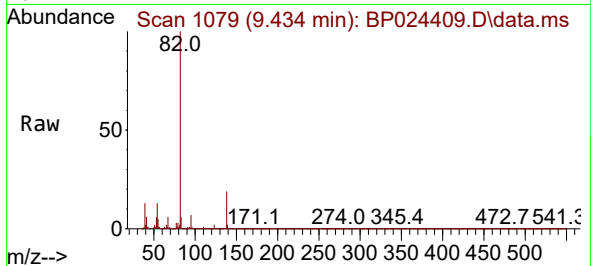
Tgt Ion: 77 Resp: 849421
Ion Ratio Lower Upper
77 100
123 48.1 39.2 58.8
65 13.0 9.8 14.6





#25
Isophorone
Concen: 48.121 ng
RT: 9.434 min Scan# 1080
Delta R.T. 0.006 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

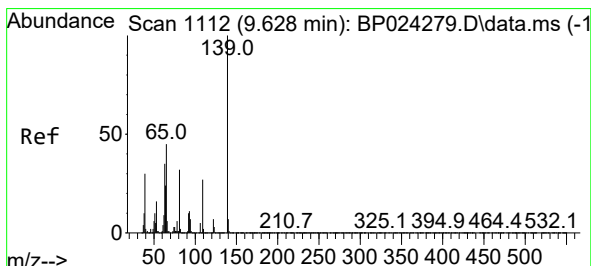
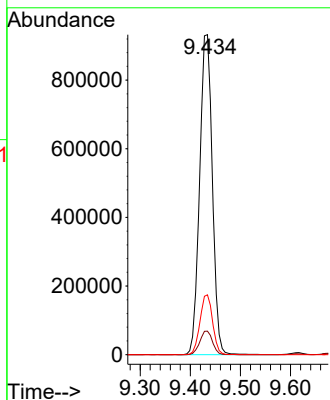
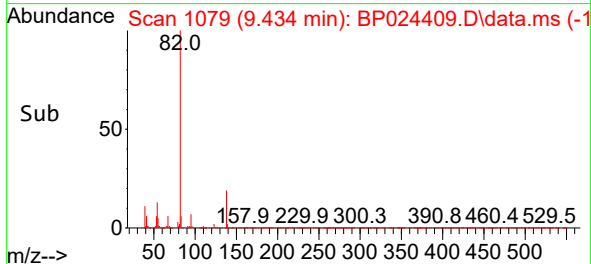
Instrument :
BNA_P
ClientSampleId :
PB167711BS



Tgt Ion: 82 Resp: 164245
Ion Ratio Lower Upper
82 100
95 7.3 5.4 8.2
138 18.7 14.4 21.6

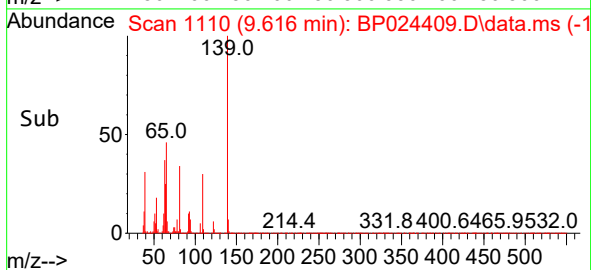
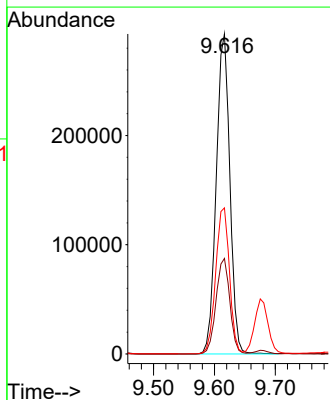
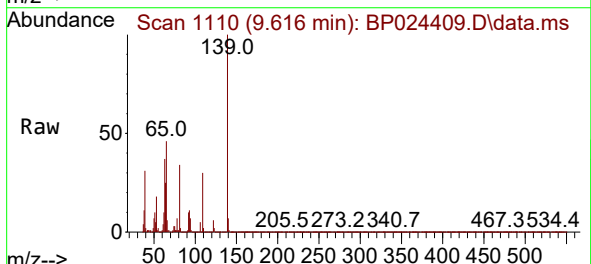
Manual Integrations
APPROVED

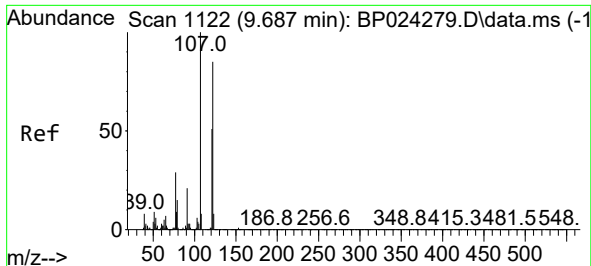
Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025



#26
2-Nitrophenol
Concen: 49.631 ng
RT: 9.616 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

Tgt Ion:139 Resp: 453063
Ion Ratio Lower Upper
139 100
109 29.8 21.8 32.6
65 45.7 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 69.575 ng

RT: 9.675 min Scan# 1122

Delta R.T. -0.006 min

Lab File: BP024409.D

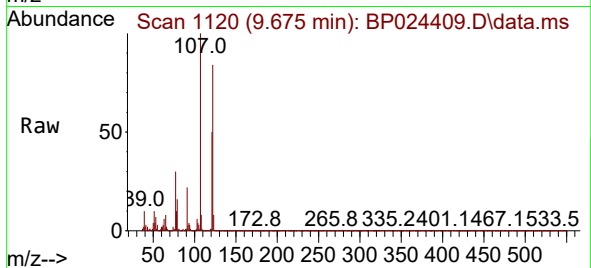
Acq: 24 Apr 2025 13:12

Instrument :

BNA_P

ClientSampleId :

PB167711BS



Tgt Ion:122 Resp: 79748

Ion Ratio Lower Upper

122 100

107 119.0 93.7 140.5

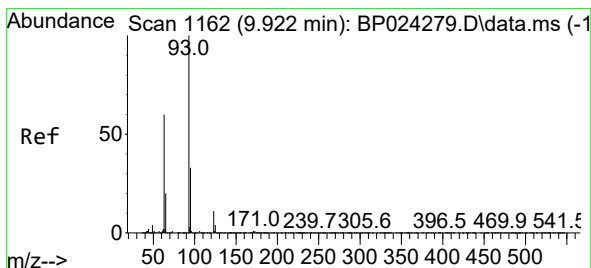
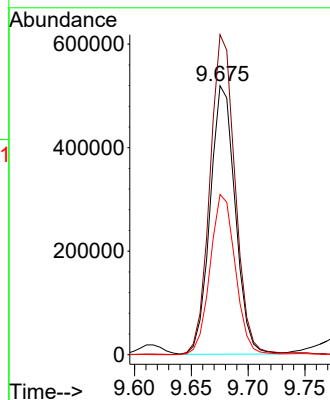
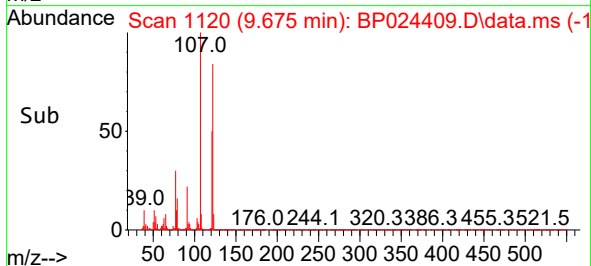
121 59.6 48.2 72.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/25/2025

Supervised By :Jagrut Upadhyay 04/25/2025



#28

bis(2-Chloroethoxy)methane

Concen: 44.306 ng

RT: 9.905 min Scan# 1159

Delta R.T. -0.006 min

Lab File: BP024409.D

Acq: 24 Apr 2025 13:12

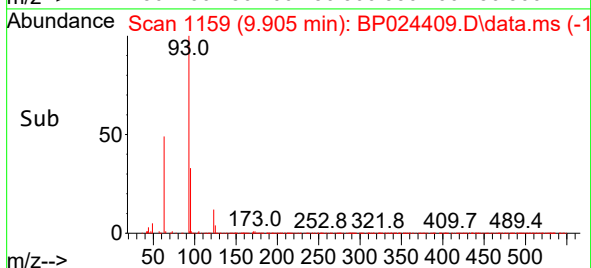
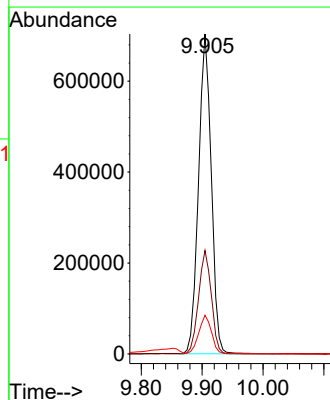
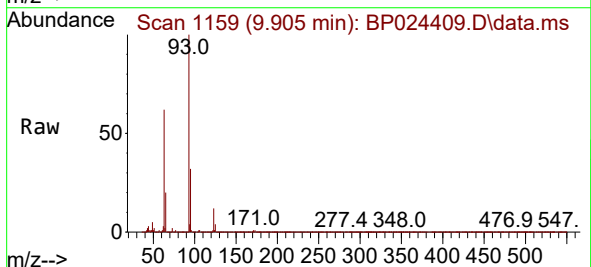
Tgt Ion: 93 Resp: 1021558

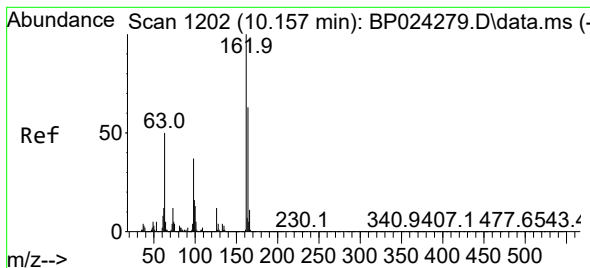
Ion Ratio Lower Upper

93 100

95 32.3 26.0 39.0

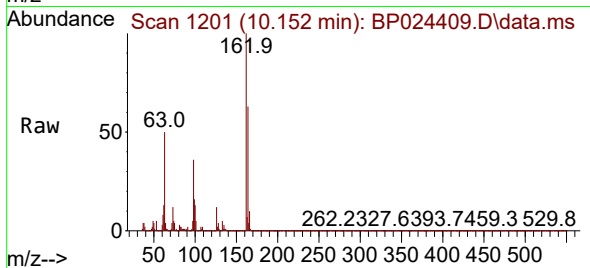
123 12.1 9.1 13.7





#29
2,4-Dichlorophenol
Concen: 50.577 ng
RT: 10.152 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

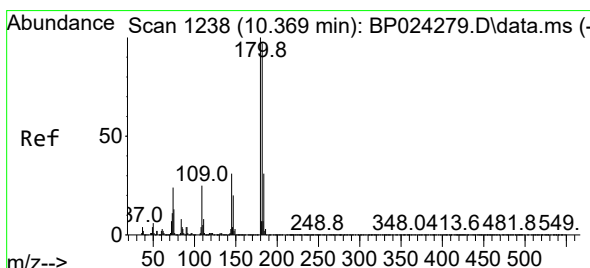
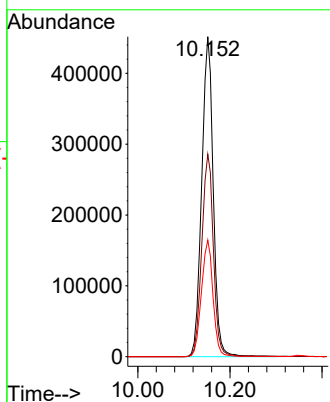
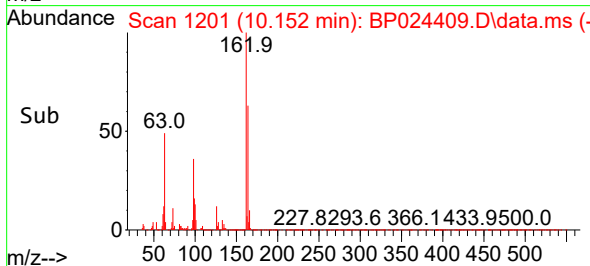
Instrument :
BNA_P
ClientSampleId :
PB167711BS



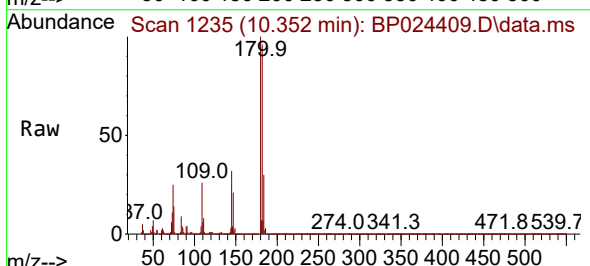
Tgt Ion:162 Resp: 79045
Ion Ratio Lower Upper
162 100
164 63.3 43.3 83.3
98 36.4 16.6 56.6

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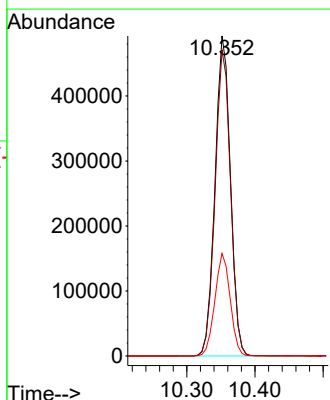
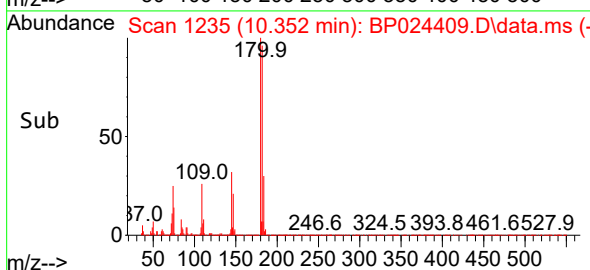
Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025

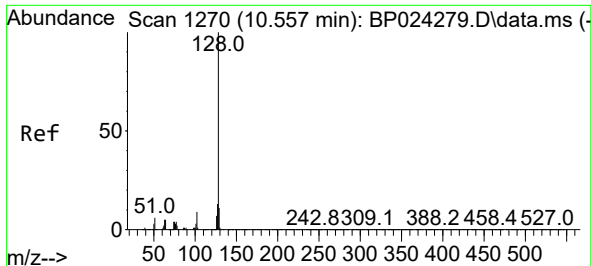


#30
1,2,4-Trichlorobenzene
Concen: 46.285 ng
RT: 10.352 min Scan# 1235
Delta R.T. -0.012 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12



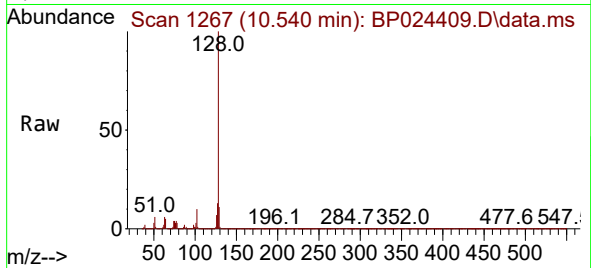
Tgt Ion:180 Resp: 775043
Ion Ratio Lower Upper
180 100
182 95.5 77.3 115.9
145 32.1 25.1 37.7





#31
Naphthalene
Concen: 43.563 ng
RT: 10.540 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

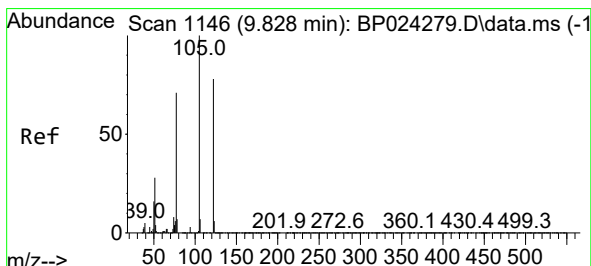
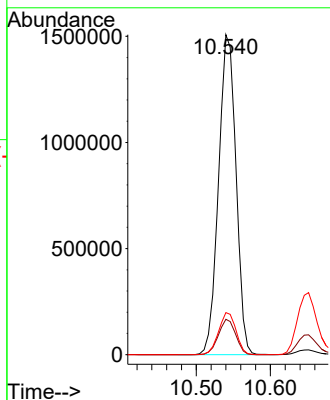
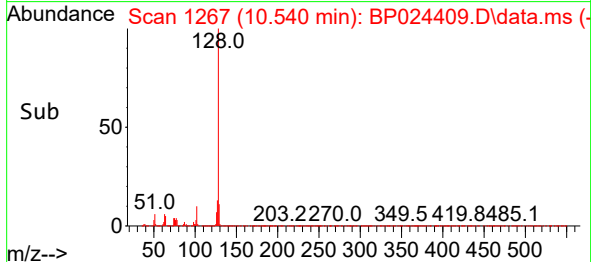
Instrument :
BNA_P
ClientSampleId :
PB167711BS



Tgt Ion:128 Resp: 2467338
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.1 10.3 15.5

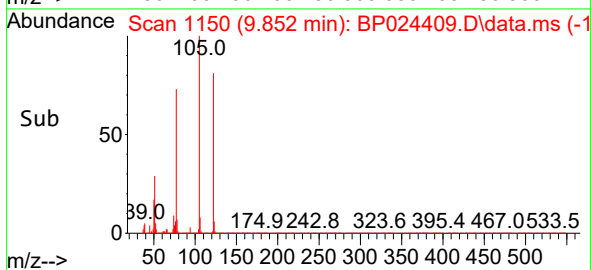
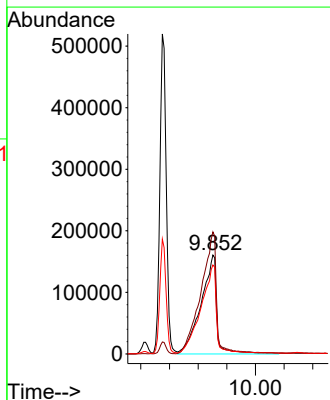
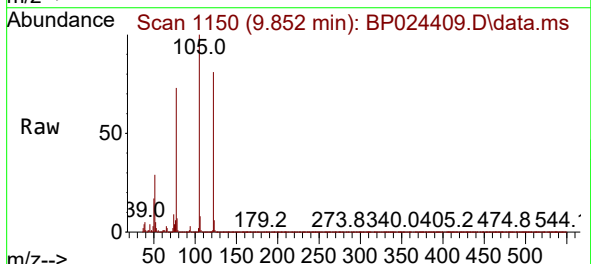
Manual Integrations
APPROVED

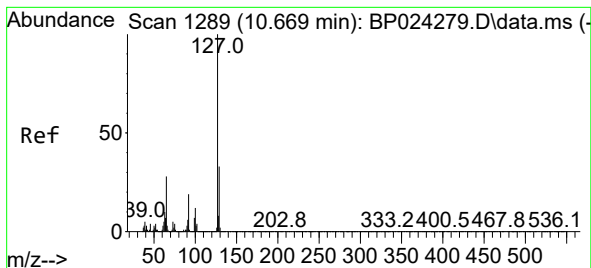
Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025



#32
Benzoic acid
Concen: 46.370 ng m
RT: 9.852 min Scan# 1150
Delta R.T. 0.030 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

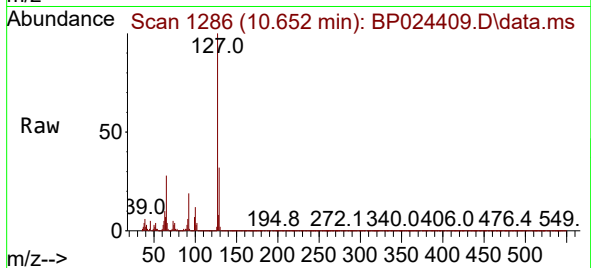
Tgt Ion:122 Resp: 619320
Ion Ratio Lower Upper
122 100
105 123.5 104.8 144.8
77 90.0 69.2 109.2





#33
4-Chloroaniline
Concen: 28.415 ng
RT: 10.652 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

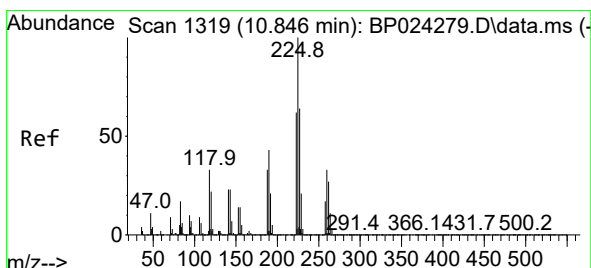
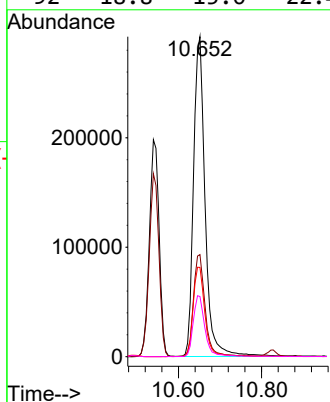
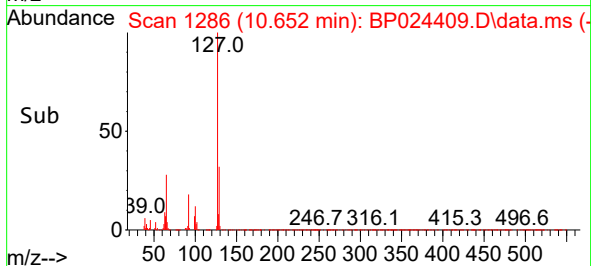
Instrument :
BNA_P
ClientSampleId :
PB167711BS



Tgt Ion:127 Resp: 56675
Ion Ratio Lower Upper
127 100
129 31.9 26.1 39.1
65 27.9 22.1 33.1
92 18.8 15.0 22.4

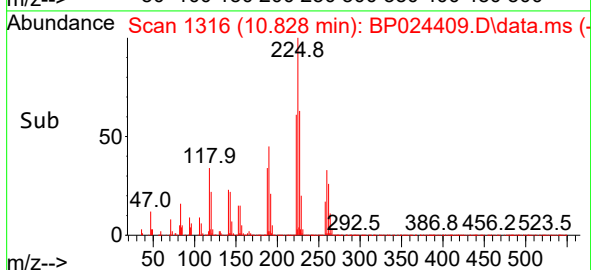
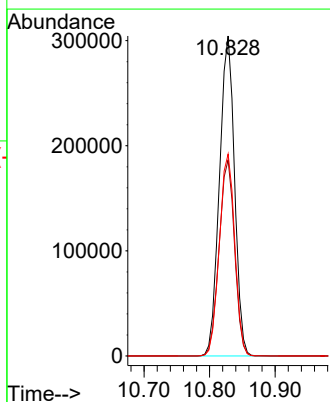
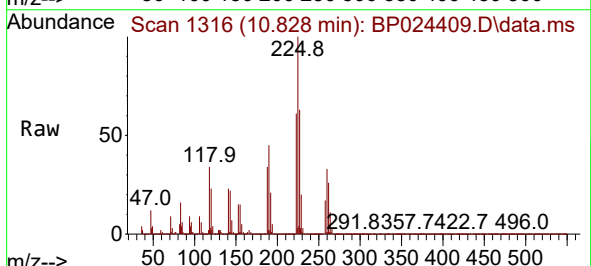
Manual Integrations
APPROVED

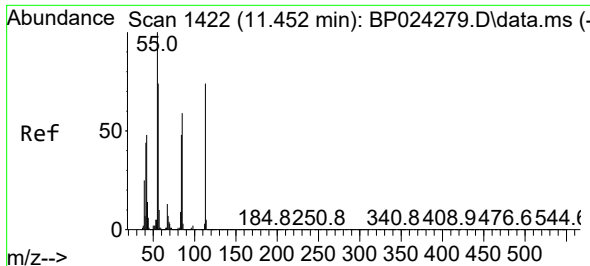
Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025



#34
Hexachlorobutadiene
Concen: 49.236 ng
RT: 10.828 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

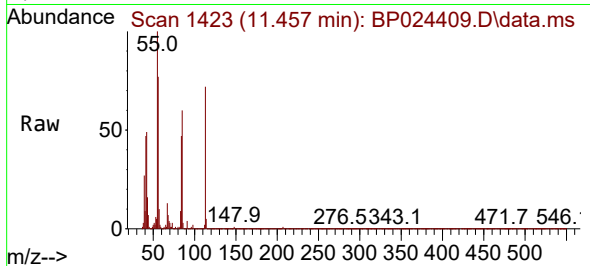
Tgt Ion:225 Resp: 484479
Ion Ratio Lower Upper
225 100
223 61.3 49.5 74.3
227 63.1 50.9 76.3





#35
Caprolactam
Concen: 47.313 ng
RT: 11.457 min Scan# 1422
Delta R.T. 0.012 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

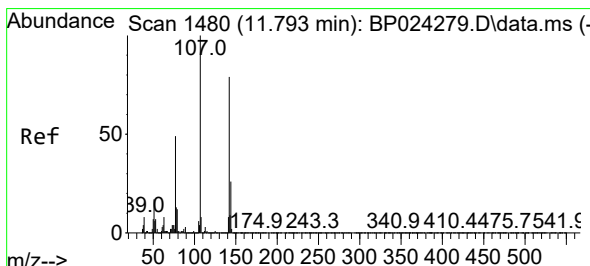
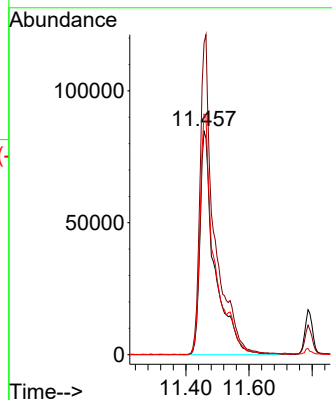
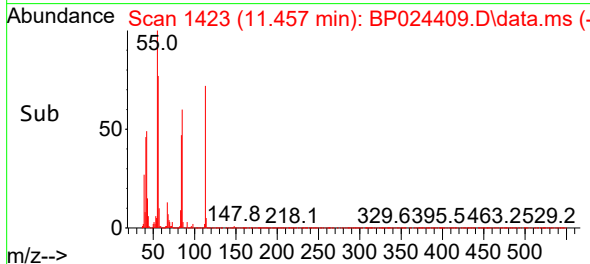
Instrument :
BNA_P
ClientSampleId :
PB167711BS



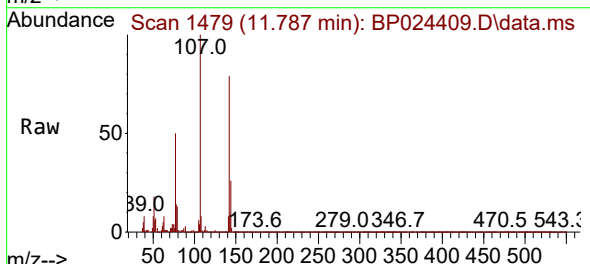
Tgt Ion:113 Resp: 272839
Ion Ratio Lower Upper
113 100
55 139.4 115.9 155.9
56 107.6 81.1 121.1

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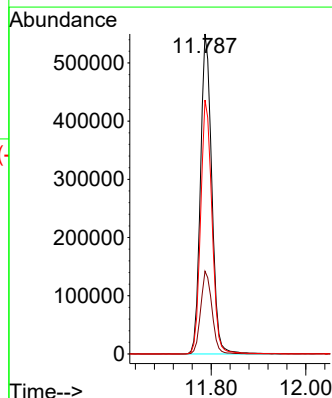
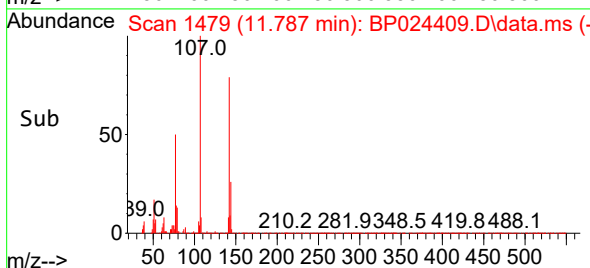
Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025

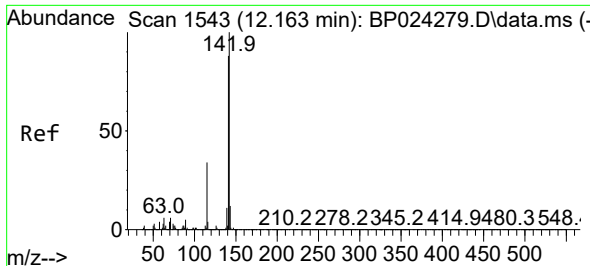


#36
4-Chloro-3-methylphenol
Concen: 50.158 ng
RT: 11.787 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12



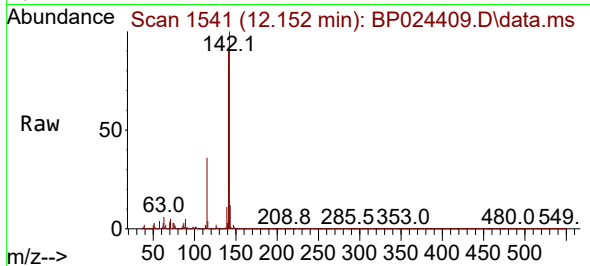
Tgt Ion:107 Resp: 913069
Ion Ratio Lower Upper
107 100
144 25.8 20.5 30.7
142 79.3 63.4 95.2





#37
2-Methylnaphthalene
Concen: 41.418 ng
RT: 12.152 min Scan# 1541
Delta R.T. -0.006 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

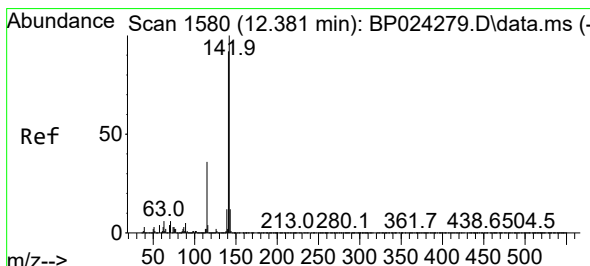
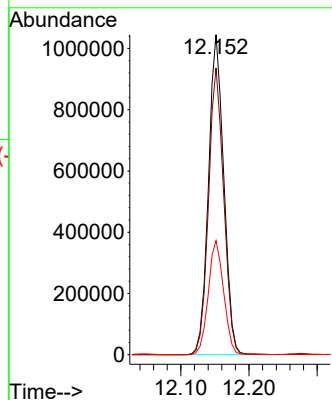
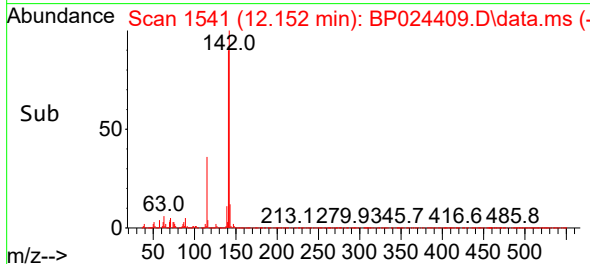
Instrument :
BNA_P
ClientSampleId :
PB167711BS



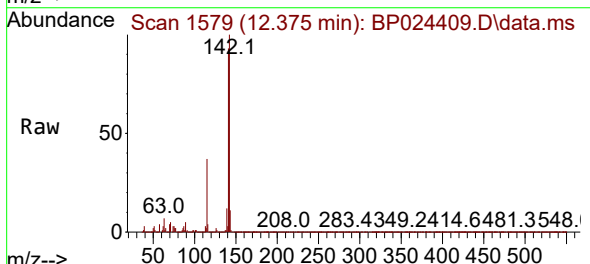
Tgt Ion:142 Resp: 1626904
Ion Ratio Lower Upper
142 100
141 89.6 70.3 105.5
115 35.6 26.9 40.3

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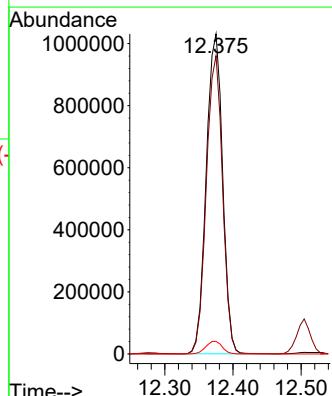
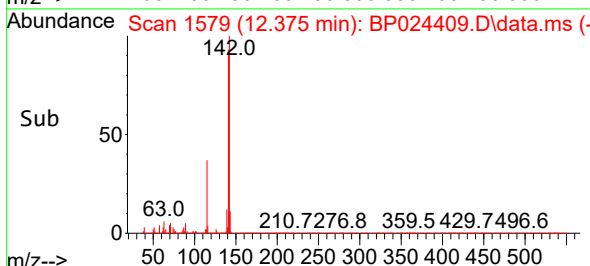
Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025

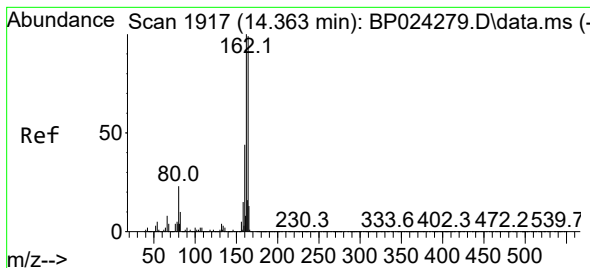


#38
1-Methylnaphthalene
Concen: 44.823 ng
RT: 12.375 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12



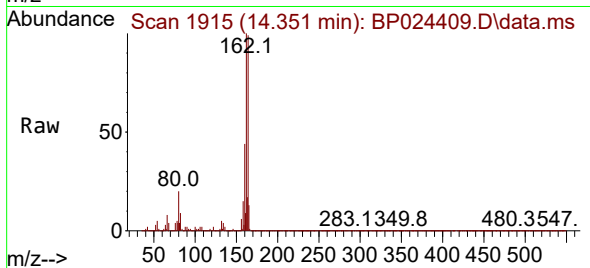
Tgt Ion:142 Resp: 1722406
Ion Ratio Lower Upper
142 100
141 93.2 73.6 110.4
116 3.9 3.0 4.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.351 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

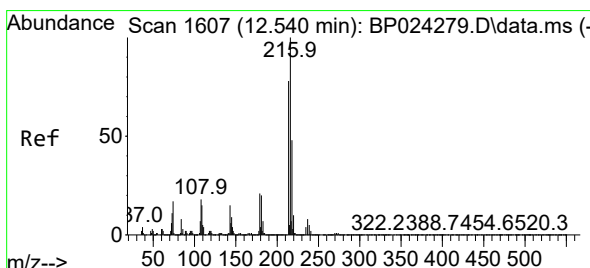
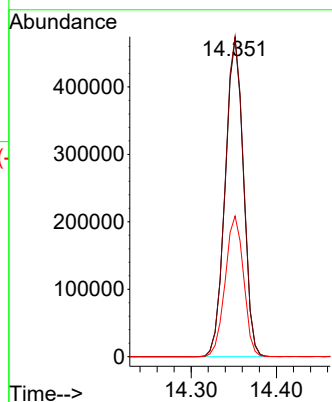
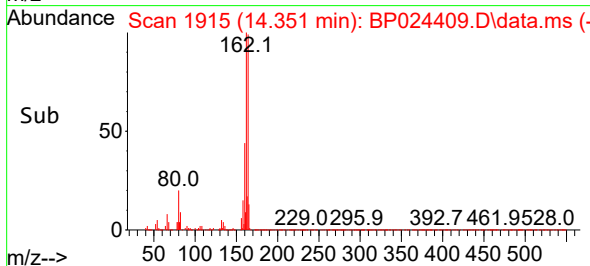
Instrument :
BNA_P
ClientSampleId :
PB167711BS



Tgt Ion:164 Resp: 697160
Ion Ratio Lower Upper
164 100
162 100.8 80.6 120.8
160 44.3 35.3 52.9

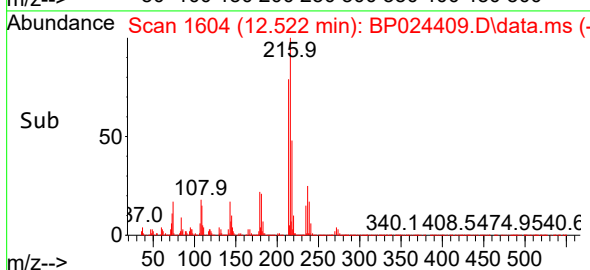
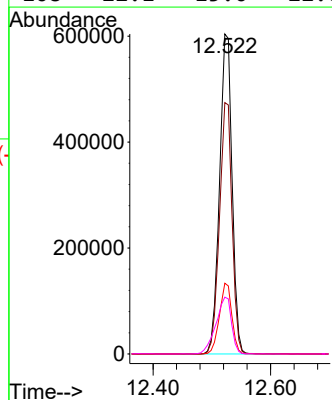
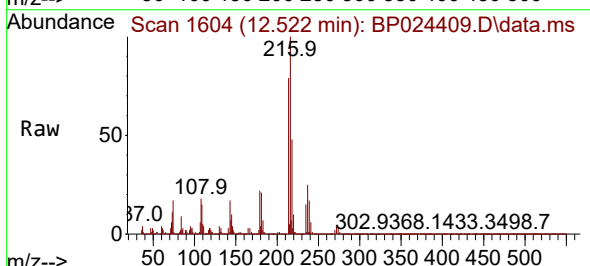
Manual Integrations
APPROVED

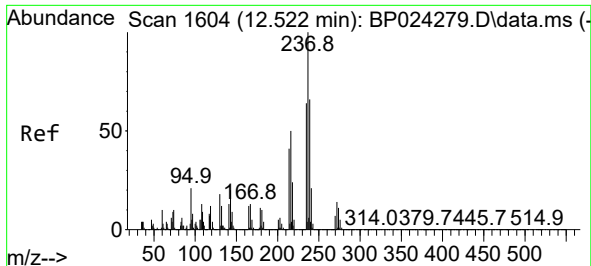
Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.512 ng
RT: 12.522 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

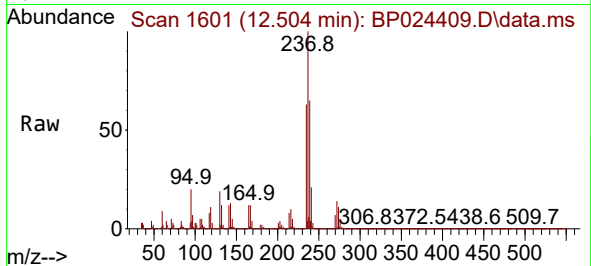
Tgt Ion:216 Resp: 891731
Ion Ratio Lower Upper
216 100
214 78.8 62.6 93.8
179 22.0 17.2 25.8
108 22.1 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 189.918 ng
RT: 12.504 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

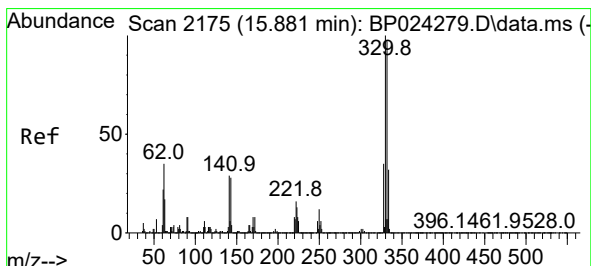
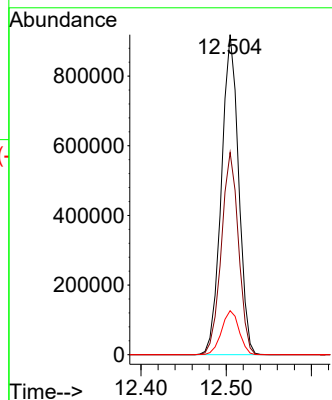
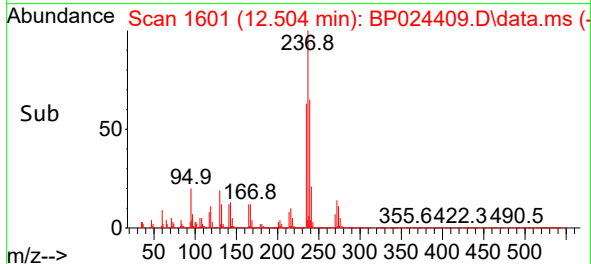
Instrument :
BNA_P
ClientSampleId :
PB167711BS



Tgt Ion: 237 Resp: 128777
Ion Ratio Lower Upper
237 100
235 63.2 43.9 83.9
272 13.8 0.0 33.6

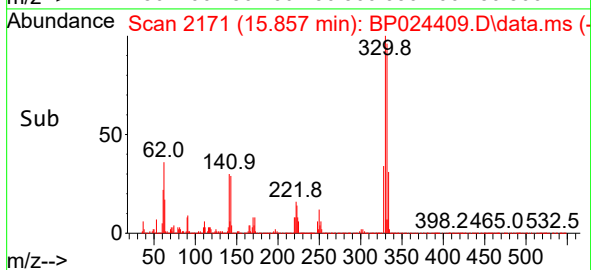
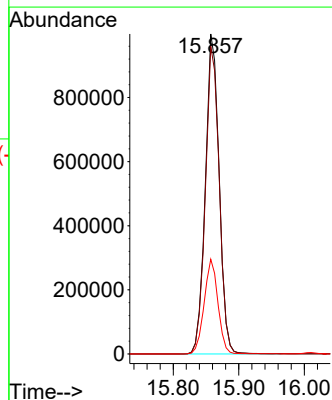
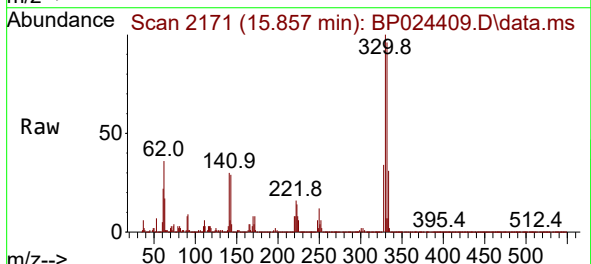
Manual Integrations
APPROVED

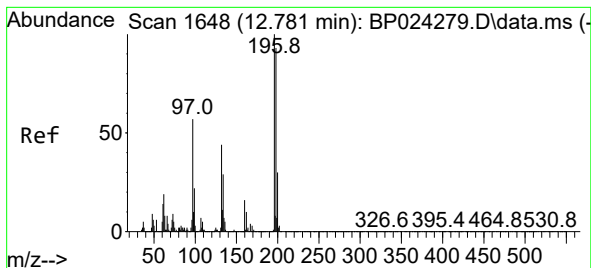
Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025



#42
2,4,6-Tribromophenol
Concen: 151.904 ng
RT: 15.857 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

Tgt Ion: 330 Resp: 1465217
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 29.6 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 51.286 ng

RT: 12.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP024409.D

Acq: 24 Apr 2025 13:12

Instrument :

BNA_P

ClientSampleId :

PB167711BS

Tgt Ion:196 Resp: 65372

Ion Ratio Lower Upper

196 100

198 95.4 74.3 111.5

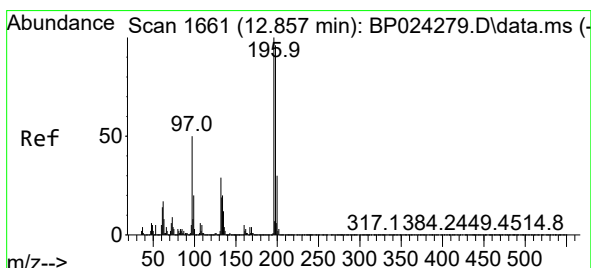
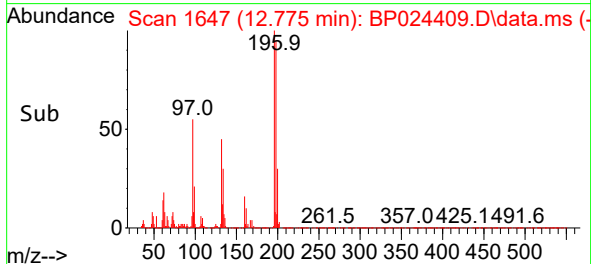
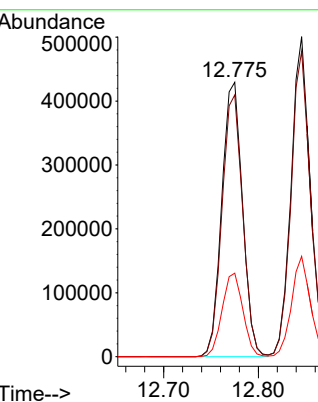
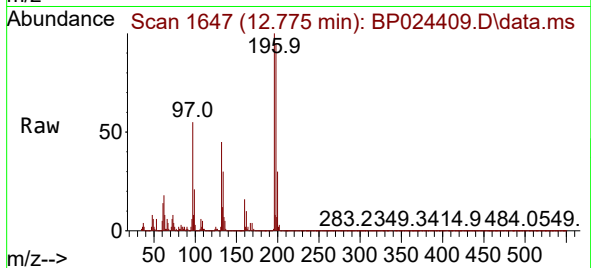
200 30.4 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/25/2025

Supervised By :Jagrut Upadhyay 04/25/2025



#44

2,4,5-Trichlorophenol

Concen: 50.545 ng

RT: 12.846 min Scan# 1659

Delta R.T. -0.012 min

Lab File: BP024409.D

Acq: 24 Apr 2025 13:12

Tgt Ion:196 Resp: 713463

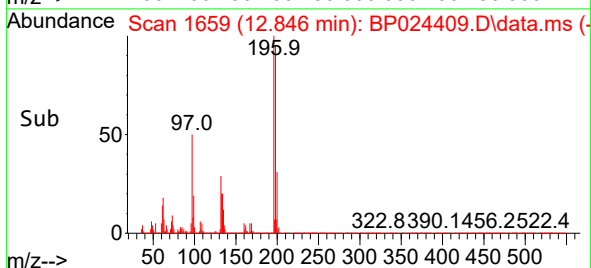
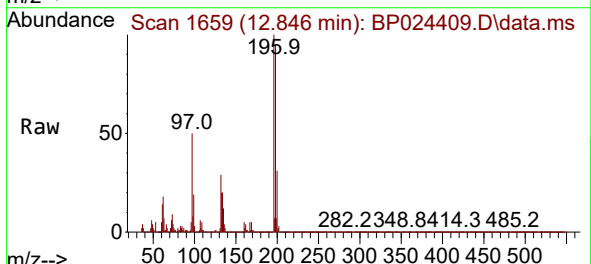
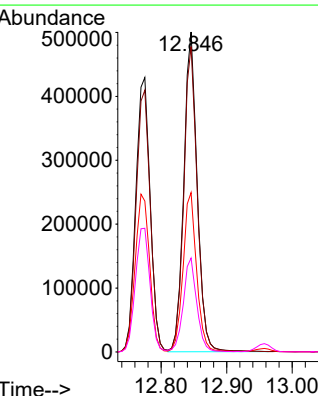
Ion Ratio Lower Upper

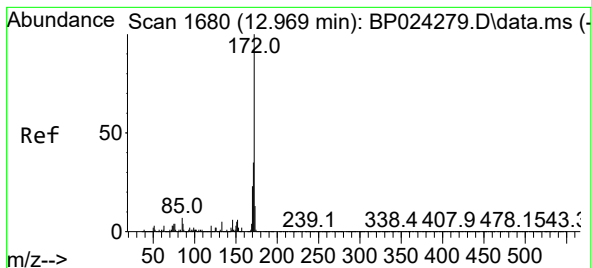
196 100

198 95.4 77.3 115.9

97 49.8 40.4 60.6

132 29.3 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 89.895 ng

RT: 12.957 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024409.D

Acq: 24 Apr 2025 13:12

Instrument :

BNA_P

ClientSampleId :

PB167711BS

Tgt Ion:172 Resp: 4093234

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

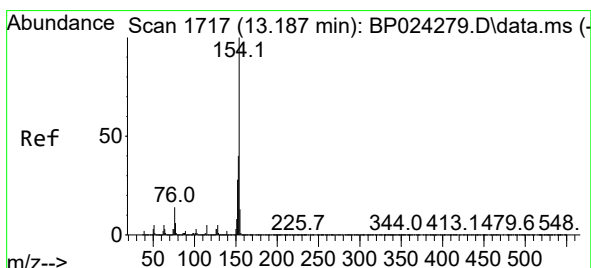
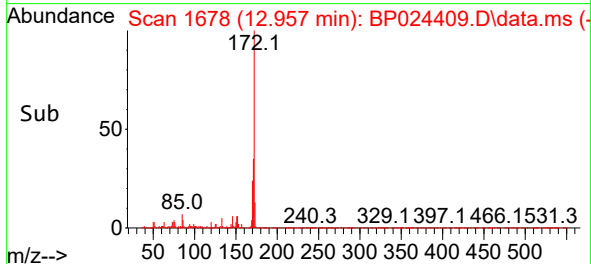
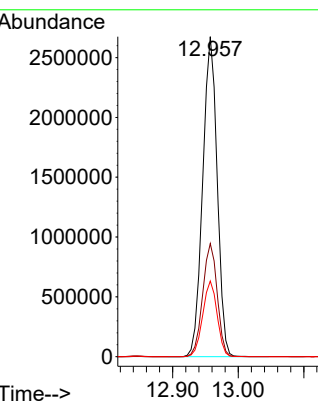
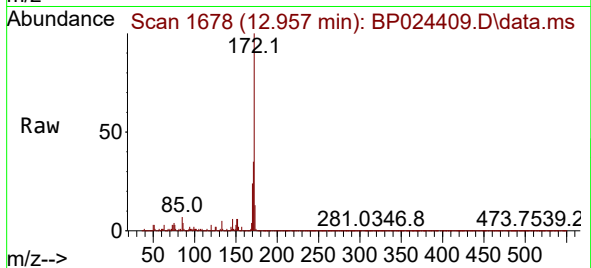
170 23.6 18.6 27.8

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Supervised By :Jagrut Upadhyay 04/25/2025



#46

1,1'-Biphenyl

Concen: 44.663 ng

RT: 13.169 min Scan# 1714

Delta R.T. -0.006 min

Lab File: BP024409.D

Acq: 24 Apr 2025 13:12

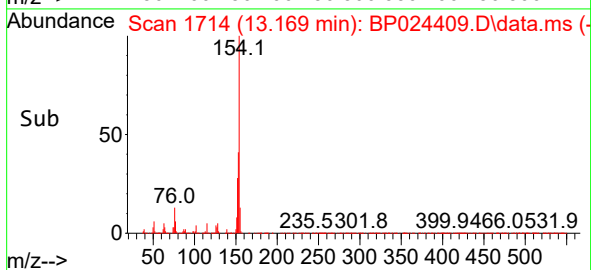
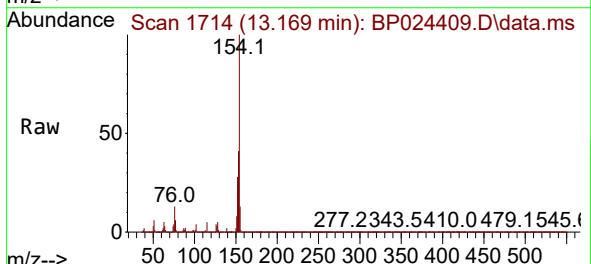
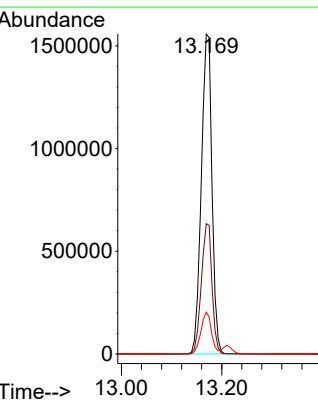
Tgt Ion:154 Resp: 2288756

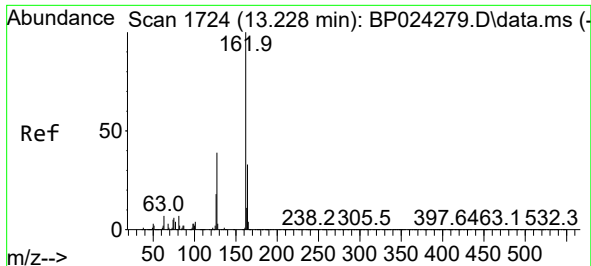
Ion Ratio Lower Upper

154 100

153 40.7 20.3 60.3

76 13.0 0.0 33.5





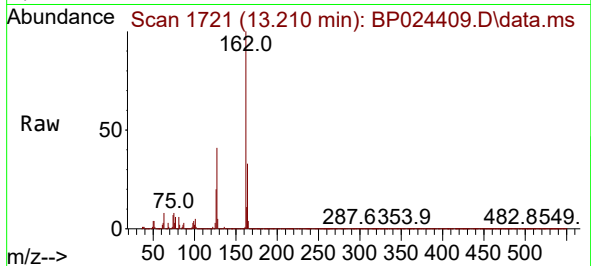
#47
2-Chloronaphthalene
Concen: 46.172 ng
RT: 13.210 min Scan# 1721
Delta R.T. -0.006 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

Instrument :

BNA_P

ClientSampleId :

PB167711BS



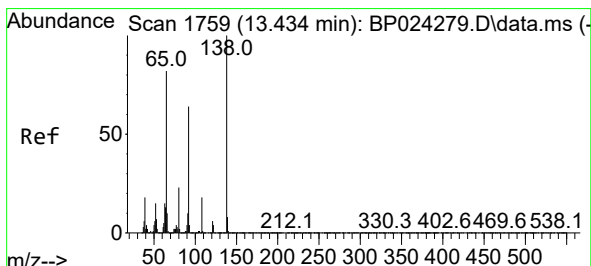
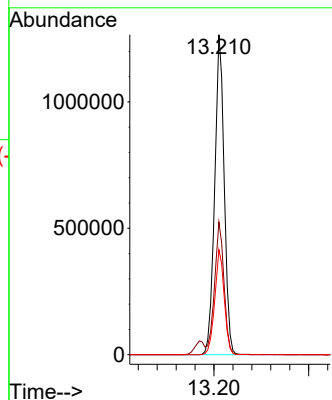
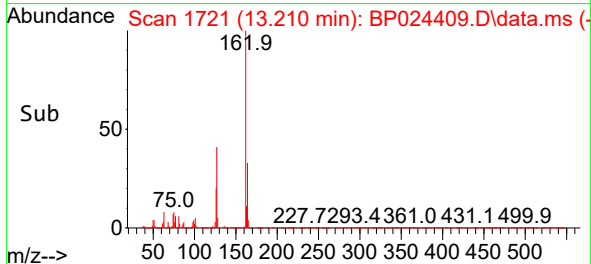
Tgt Ion:162 Resp: 1768390
Ion Ratio Lower Upper
162 100
127 41.4 31.9 47.9
164 32.8 26.2 39.4

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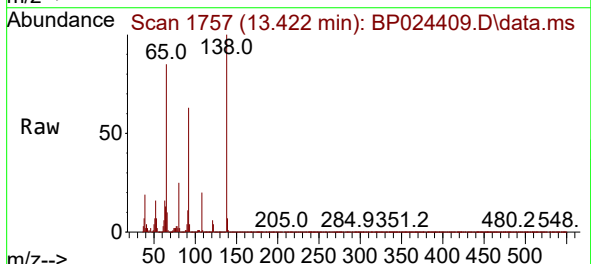
APPROVED

Reviewed By :Rahul Chavli 04/25/2025

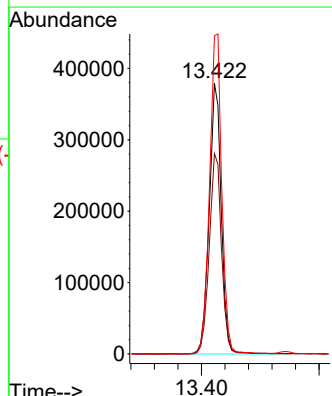
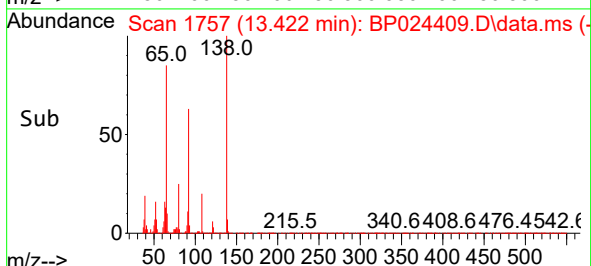
Supervised By :Jagrut Upadhyay 04/25/2025

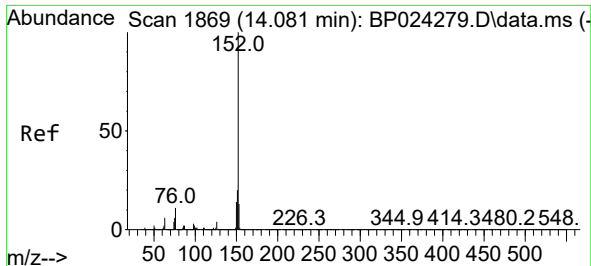


#48
2-Nitroaniline
Concen: 50.319 ng
RT: 13.422 min Scan# 1757
Delta R.T. 0.000 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12



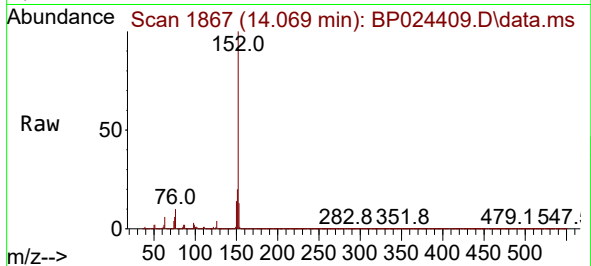
Tgt Ion: 65 Resp: 540597
Ion Ratio Lower Upper
65 100
92 74.1 62.3 93.5
138 117.5 97.2 145.8





#49
Acenaphthylene
Concen: 49.055 ng
RT: 14.069 min Scan# 1867
Delta R.T. 0.000 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

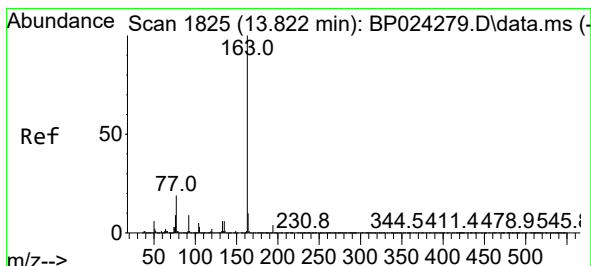
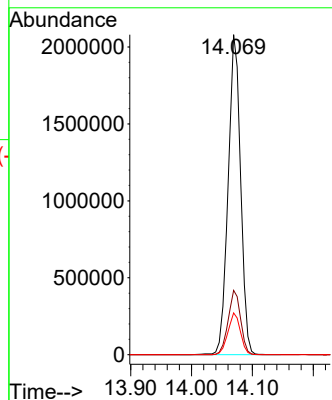
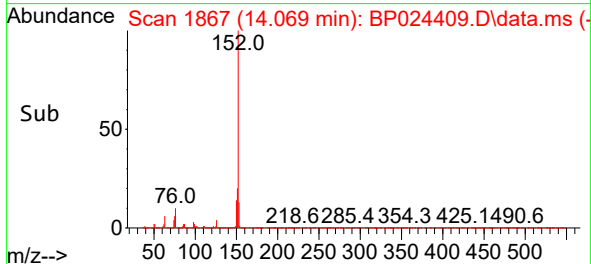
Instrument :
BNA_P
ClientSampleId :
PB167711BS



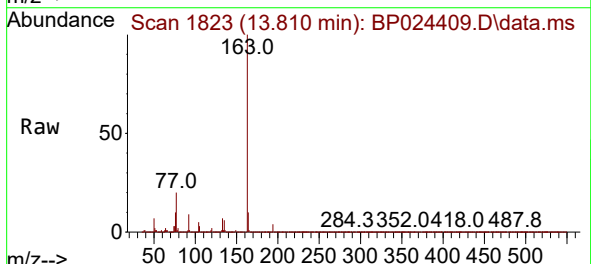
Tgt Ion:152 Resp: 295804
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.0 10.6 15.8

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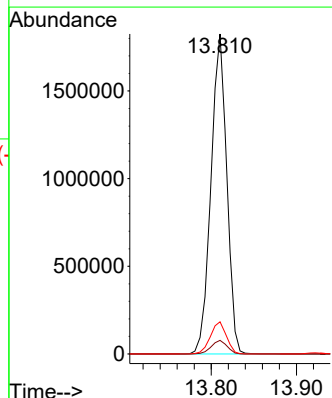
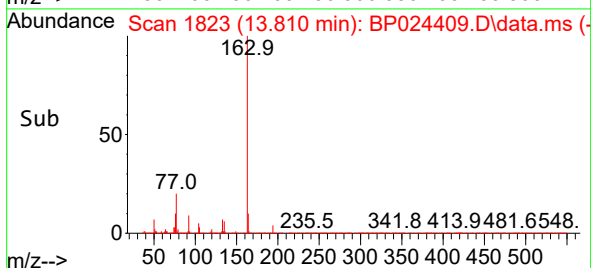
Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025

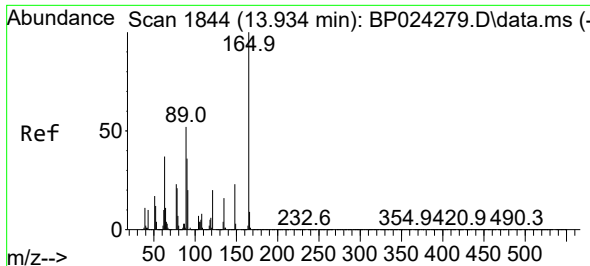


#50
Dimethylphthalate
Concen: 46.311 ng
RT: 13.810 min Scan# 1823
Delta R.T. 0.000 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12



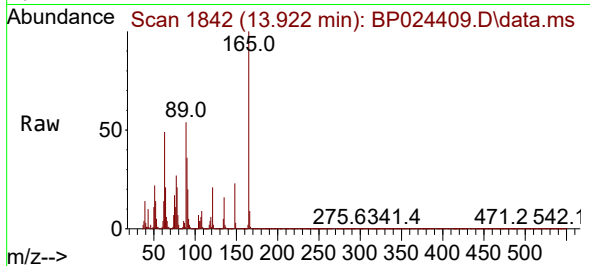
Tgt Ion:163 Resp: 2347925
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.0 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 48.304 ng
RT: 13.922 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

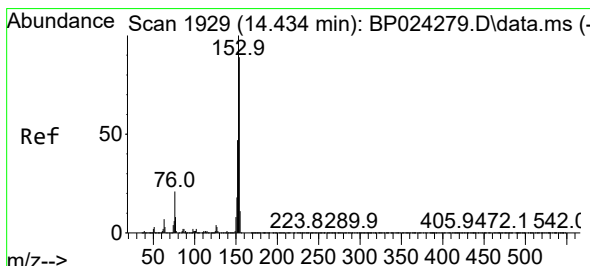
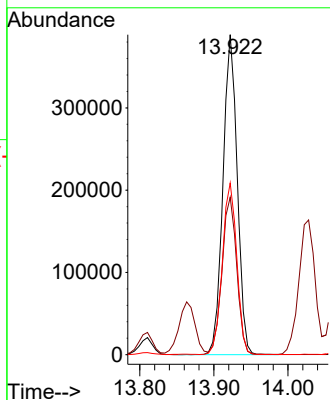
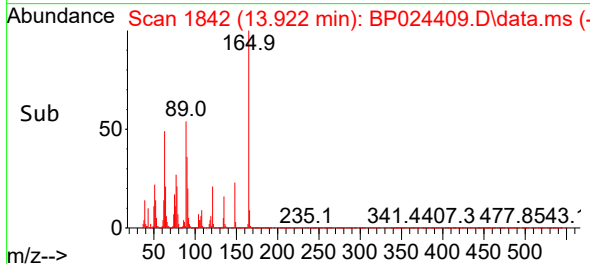
Instrument :
BNA_P
ClientSampleId :
PB167711BS



Tgt Ion:165 Resp: 52003
Ion Ratio Lower Upper
165 100
63 49.2 38.0 57.0
89 53.7 41.7 62.5

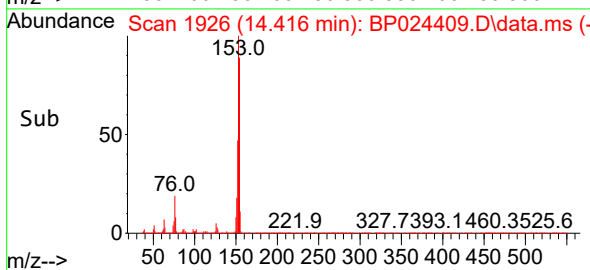
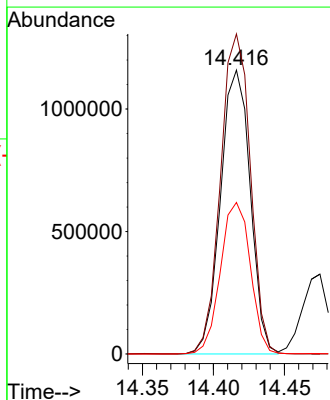
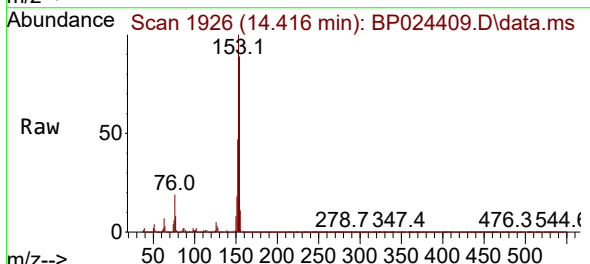
Manual Integrations
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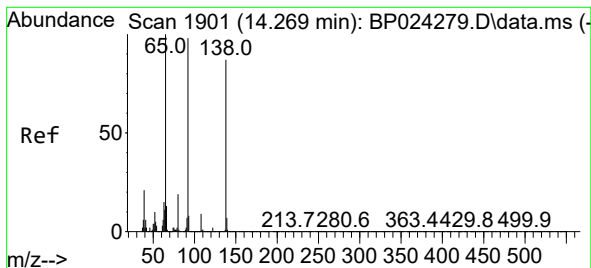
Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025



#52
Acenaphthene
Concen: 44.144 ng
RT: 14.416 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

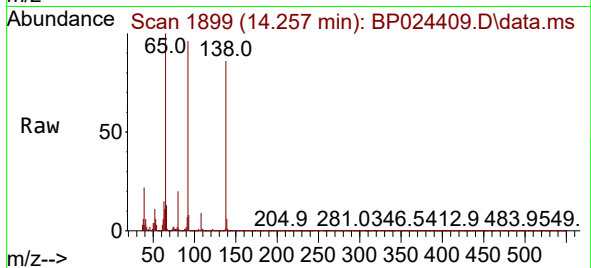
Tgt Ion:154 Resp: 1687552
Ion Ratio Lower Upper
154 100
153 112.7 89.8 134.6
152 53.4 42.6 63.8





#53
3-Nitroaniline
Concen: 33.657 ng
RT: 14.257 min Scan# 1899
Delta R.T. -0.006 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

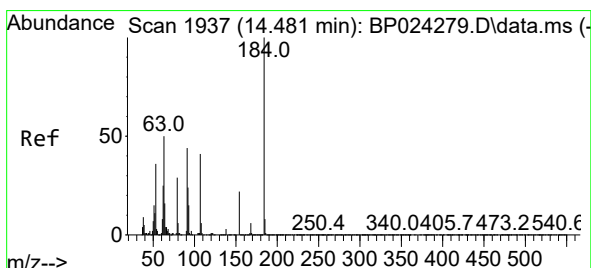
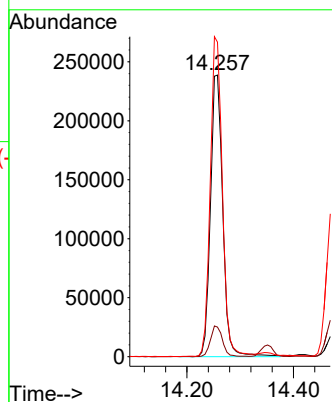
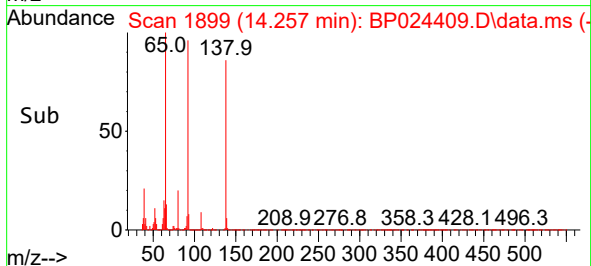
Instrument :
BNA_P
ClientSampleId :
PB167711BS



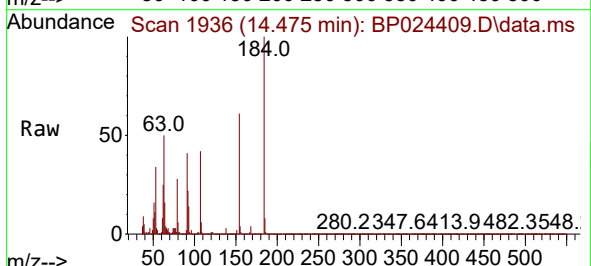
Tgt Ion:138 Resp: 38083
Ion Ratio Lower Upper
138 100
108 10.5 8.3 12.5
92 111.7 89.8 134.8

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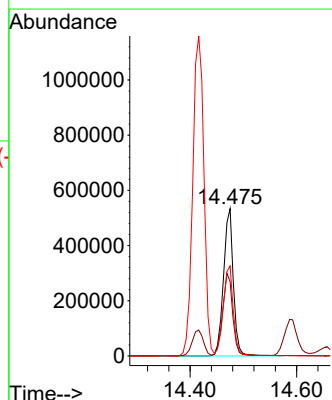
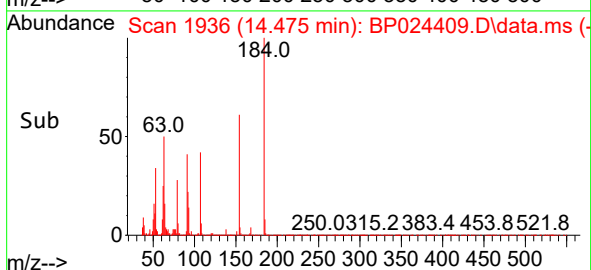
Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025

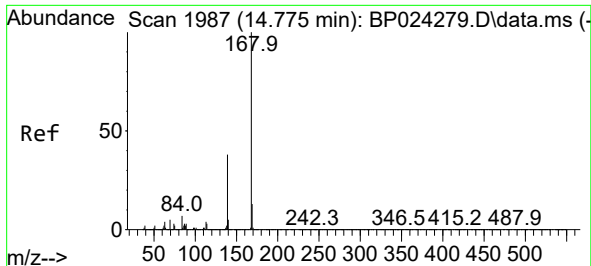


#54
2,4-Dinitrophenol
Concen: 107.740 ng
RT: 14.475 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12



Tgt Ion:184 Resp: 683241
Ion Ratio Lower Upper
184 100
63 50.4 42.6 64.0
154 61.0 47.2 70.8





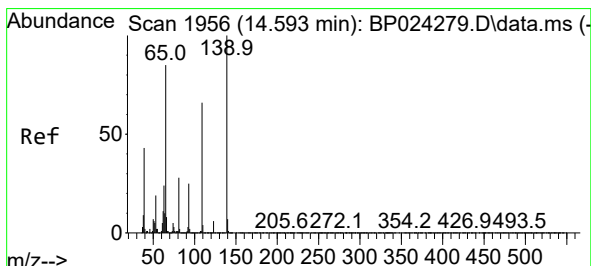
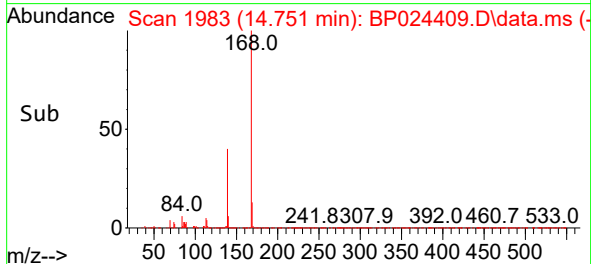
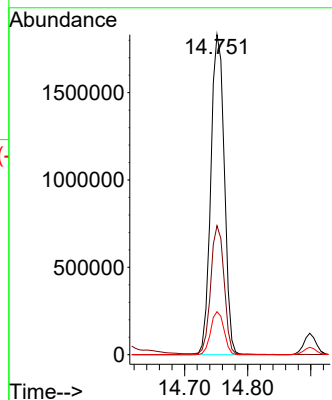
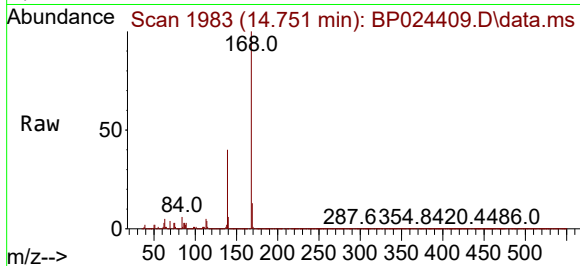
#55
Dibenzenofuran
Concen: 43.414 ng
RT: 14.751 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

Instrument :
BNA_P
ClientSampleId :
PB167711BS

Tgt Ion:168 Resp: 2712810
Ion Ratio Lower Upper
168 100
139 40.3 30.3 45.5
169 13.5 10.6 16.0

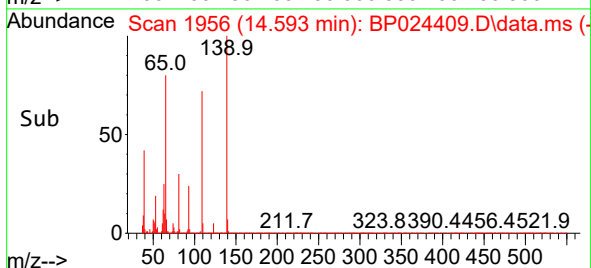
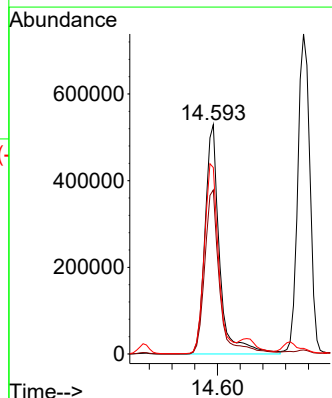
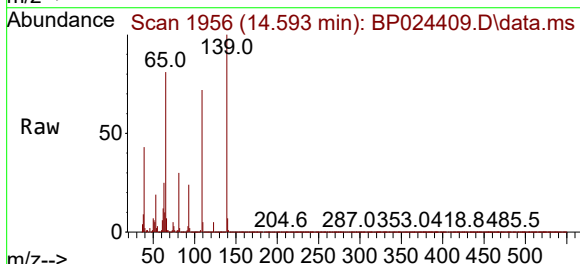
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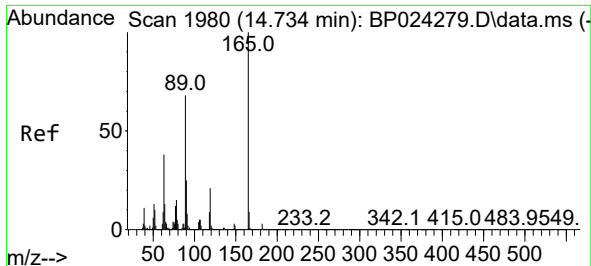
Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025



#56
4-Nitrophenol
Concen: 96.228 ng
RT: 14.593 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

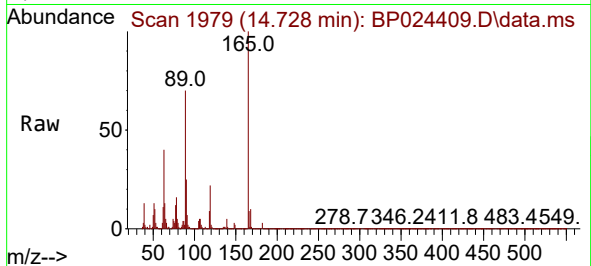
Tgt Ion:139 Resp: 940367
Ion Ratio Lower Upper
139 100
109 71.5 46.1 86.1
65 81.3 65.0 105.0





#57
2,4-Dinitrotoluene
Concen: 50.343 ng
RT: 14.728 min Scan# 1980
Delta R.T. 0.006 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

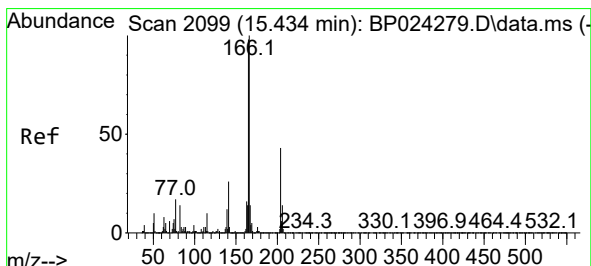
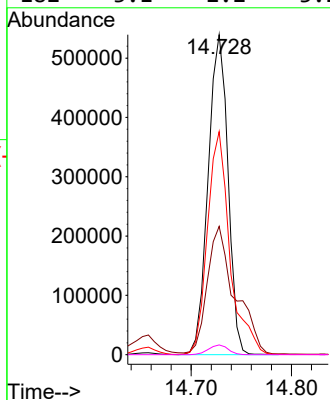
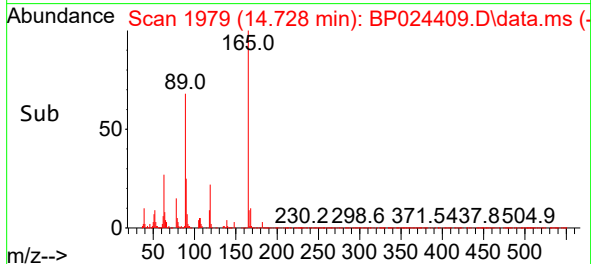
Instrument :
BNA_P
ClientSampleId :
PB167711BS



Tgt Ion:165 Resp: 73933
Ion Ratio Lower Upper
165 100
63 40.1 30.4 45.6
89 69.7 54.6 82.0
182 3.1 2.2 3.2

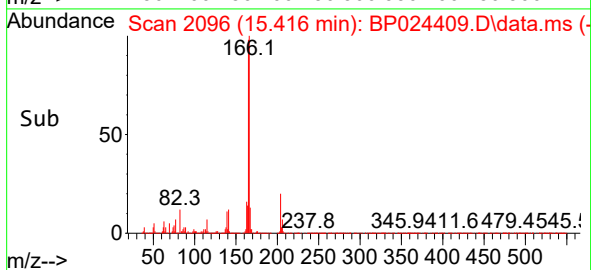
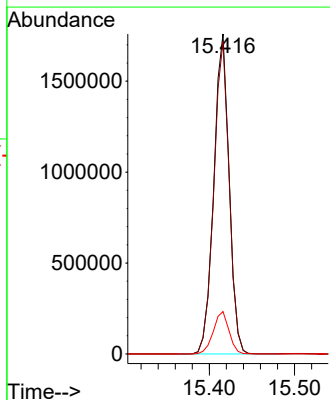
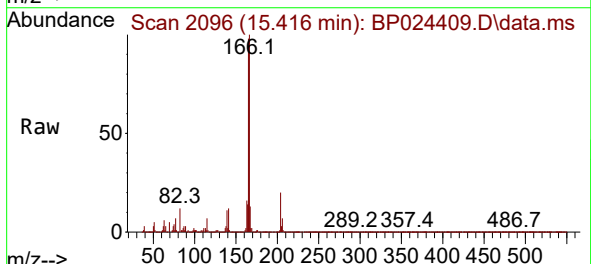
Manual Integrations
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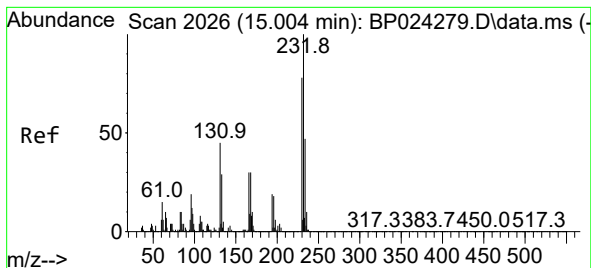
Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025



#58
Fluorene
Concen: 45.444 ng
RT: 15.416 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

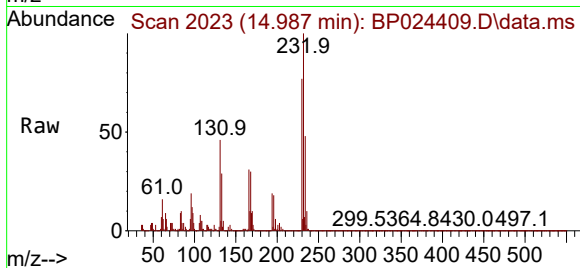
Tgt Ion:166 Resp: 2198302
Ion Ratio Lower Upper
166 100
165 97.6 78.1 117.1
167 13.3 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.456 ng
RT: 14.987 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

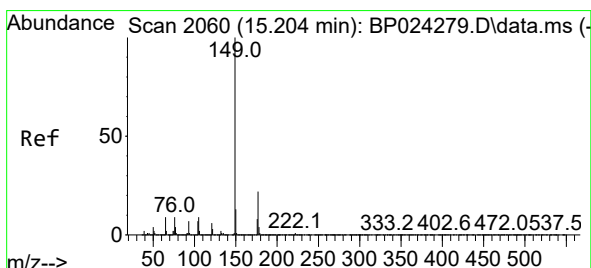
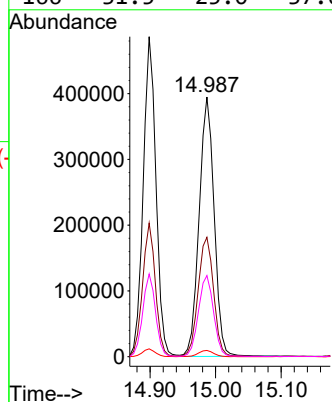
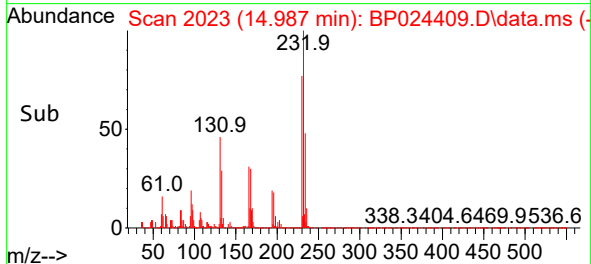
Instrument :
BNA_P
ClientSampleId :
PB167711BS



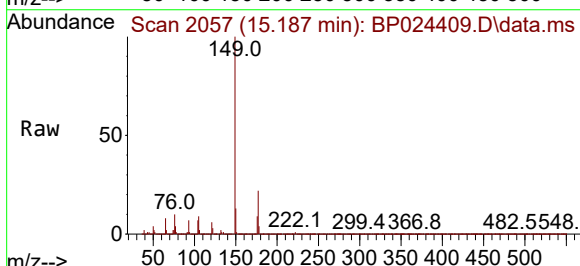
Tgt Ion:232 Resp: 630830
Ion Ratio Lower Upper
232 100
131 47.2 36.8 55.2
130 2.5 1.9 2.9
166 31.5 25.0 37.6

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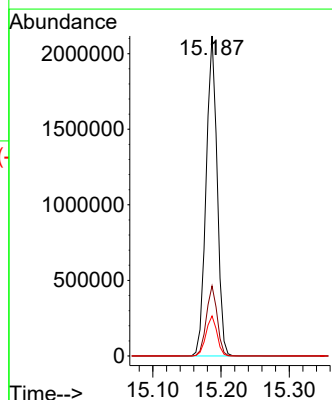
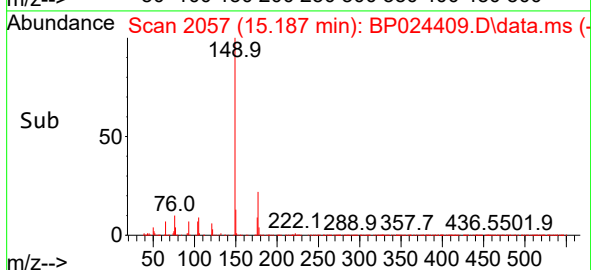
Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025

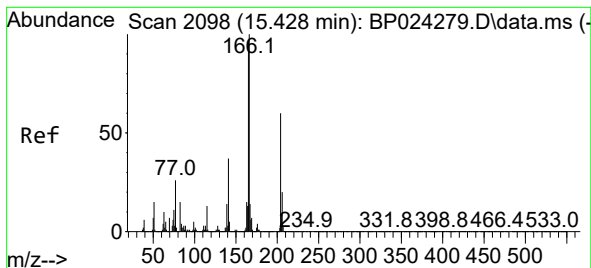


#60
Diethylphthalate
Concen: 45.440 ng
RT: 15.187 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12



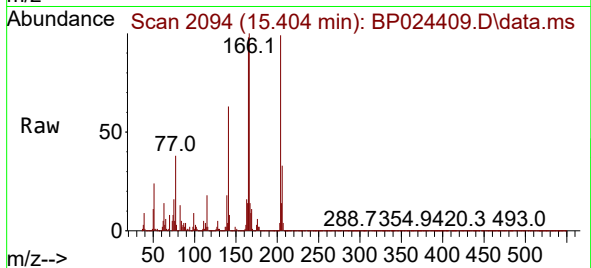
Tgt Ion:149 Resp: 2374096
Ion Ratio Lower Upper
149 100
177 21.9 17.4 26.2
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 46.896 ng
RT: 15.404 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

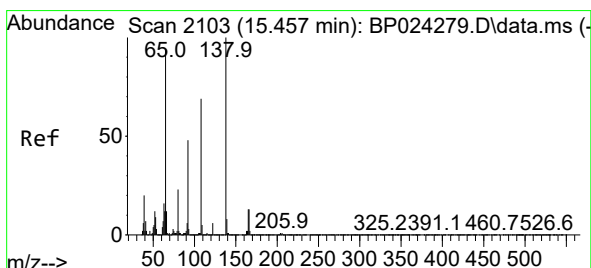
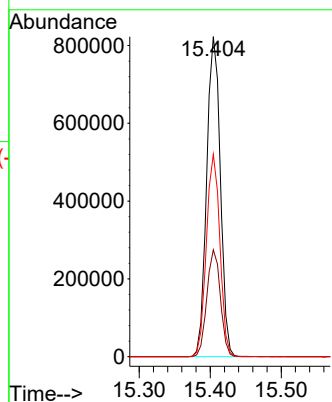
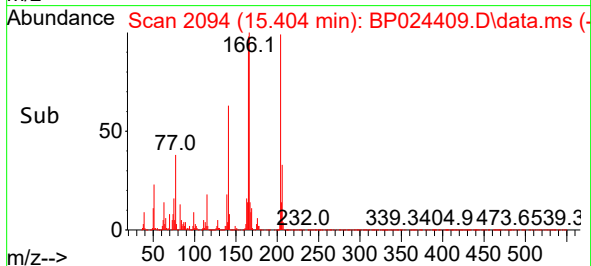
Instrument :
BNA_P
ClientSampleId :
PB167711BS



Tgt Ion:204 Resp: 1101609
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 63.2 49.4 74.0

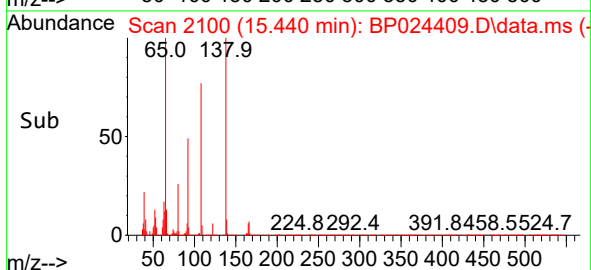
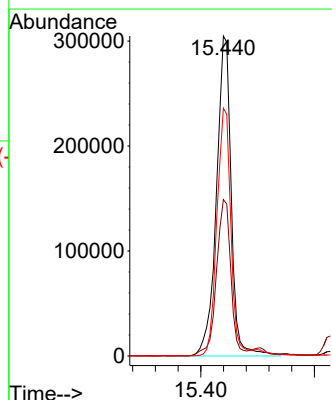
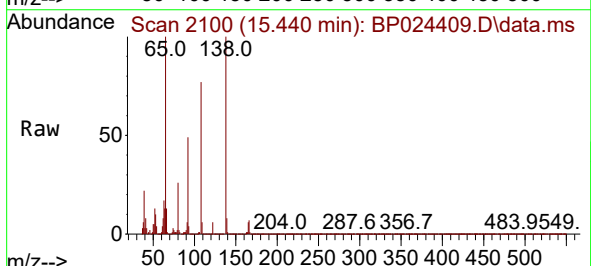
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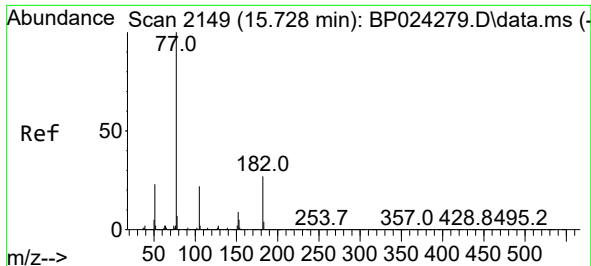
Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025



#62
4-Nitroaniline
Concen: 46.018 ng
RT: 15.440 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

Tgt Ion:138 Resp: 551217
Ion Ratio Lower Upper
138 100
92 48.9 27.8 67.8
108 77.5 48.9 88.9





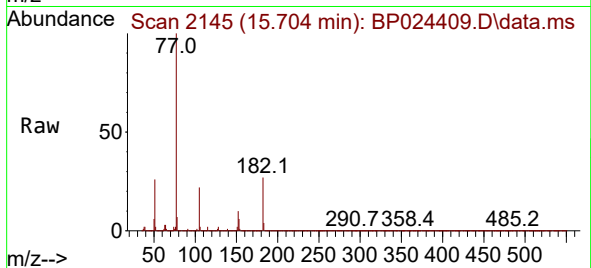
#63
Azobenzene
Concen: 44.486 ng
RT: 15.704 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

Instrument :

BNA_P

ClientSampleId :

PB167711BS



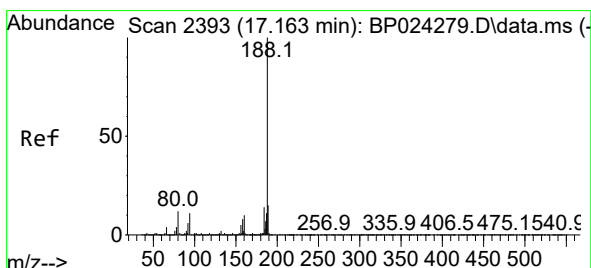
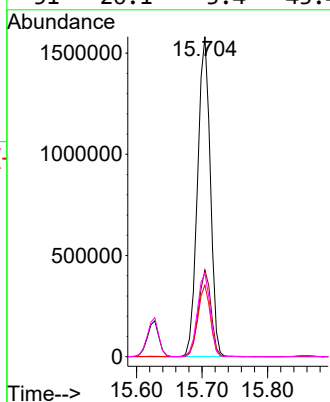
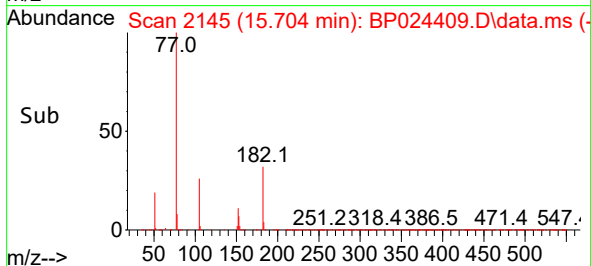
Tgt Ion: 77 Resp: 2136258
Ion Ratio Lower Upper
77 100
182 27.1 7.3 47.3
105 22.3 2.3 42.3
51 26.1 3.4 43.4

Manual Integrations

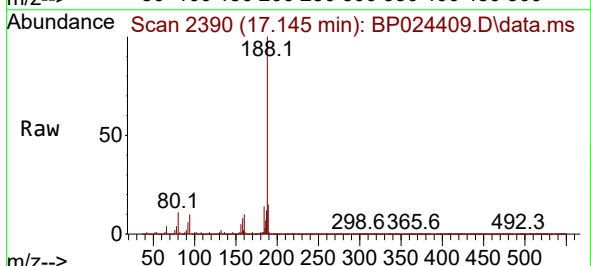
APPROVED

Reviewed By :Rahul Chavli 04/25/2025

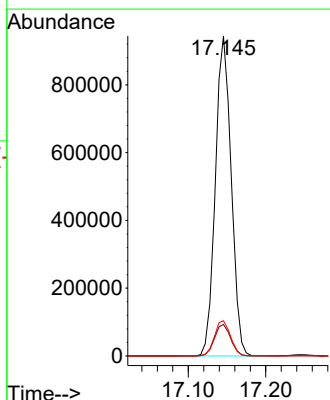
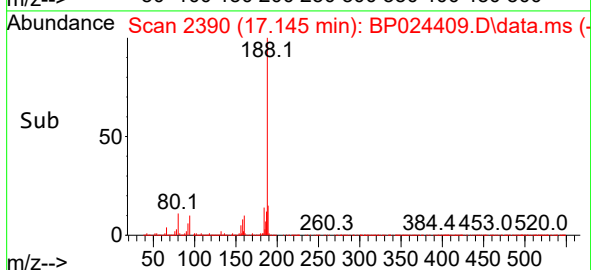
Supervised By :Jagrut Upadhyay 04/25/2025

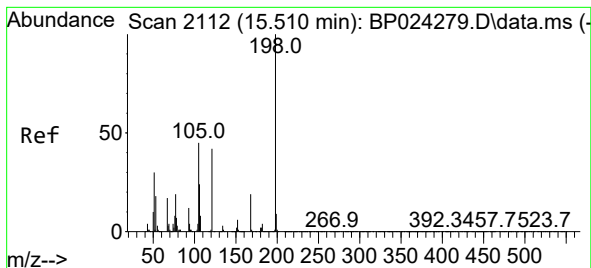


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2390
Delta R.T. 0.000 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12



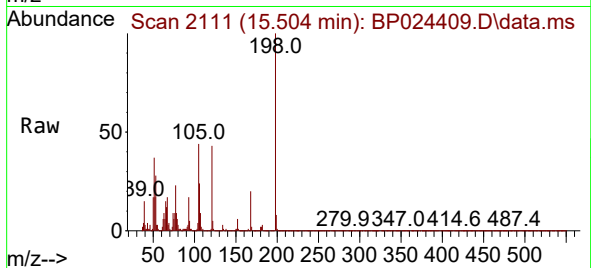
Tgt Ion:188 Resp: 1340063
Ion Ratio Lower Upper
188 100
94 9.8 8.6 13.0
80 11.0 9.8 14.6





#65
4,6-Dinitro-2-methylphenol
Concen: 51.615 ng
RT: 15.504 min Scan# 2111
Delta R.T. 0.006 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

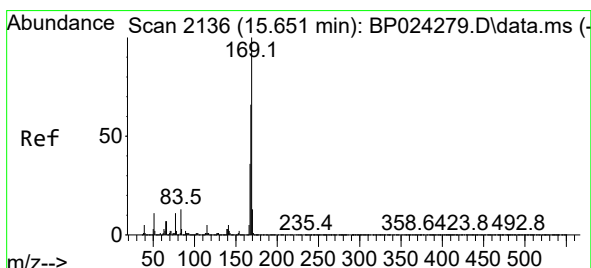
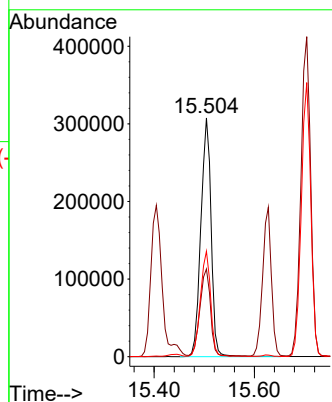
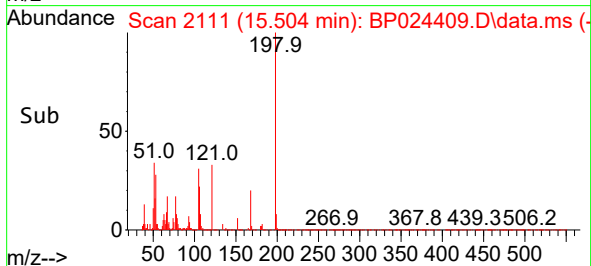
Instrument :
BNA_P
ClientSampleId :
PB167711BS



Tgt Ion:198 Resp: 436071
Ion Ratio Lower Upper
198 100
51 36.7 18.4 58.4
105 44.1 26.5 66.5

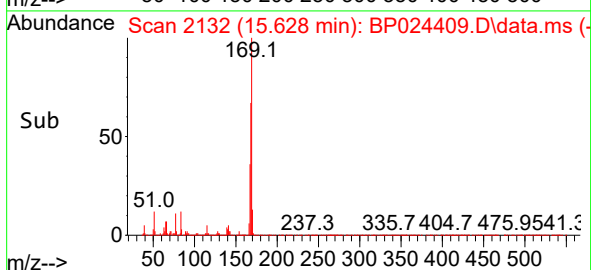
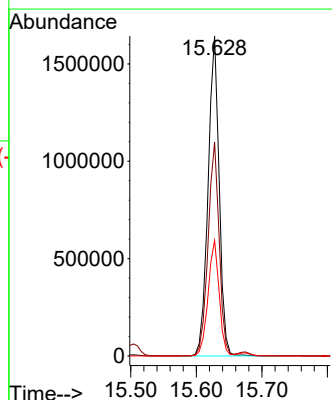
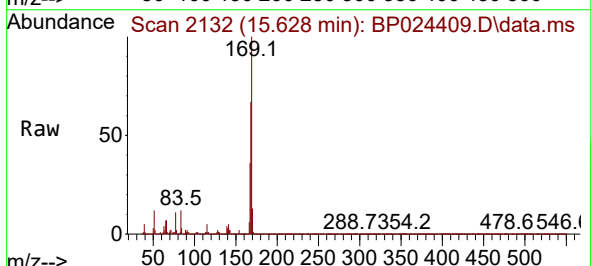
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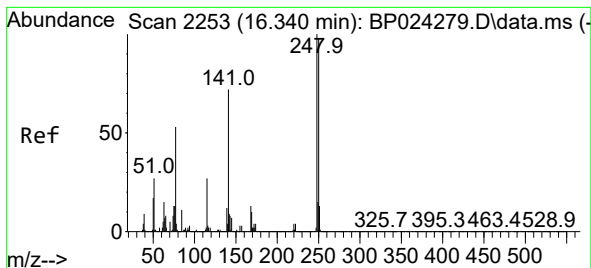
Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025



#66
n-Nitrosodiphenylamine
Concen: 48.517 ng
RT: 15.628 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

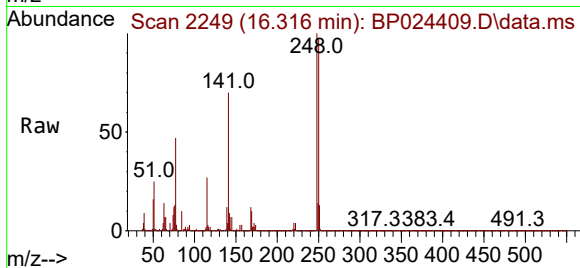
Tgt Ion:169 Resp: 1940556
Ion Ratio Lower Upper
169 100
168 66.8 53.0 79.4
167 36.1 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 49.750 ng
RT: 16.316 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

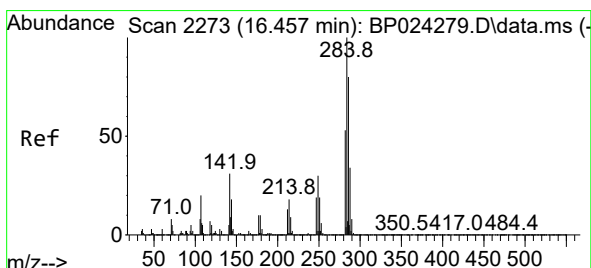
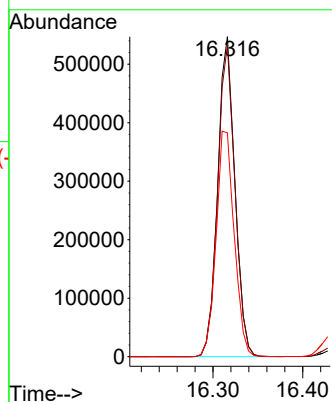
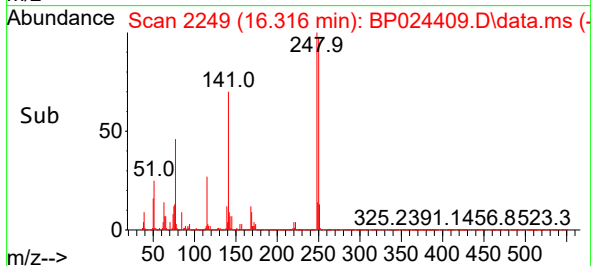
Instrument :
BNA_P
ClientSampleId :
PB167711BS



Tgt Ion:248 Resp: 72913
Ion Ratio Lower Upper
248 100
250 97.4 78.2 117.4
141 69.9 57.7 86.5

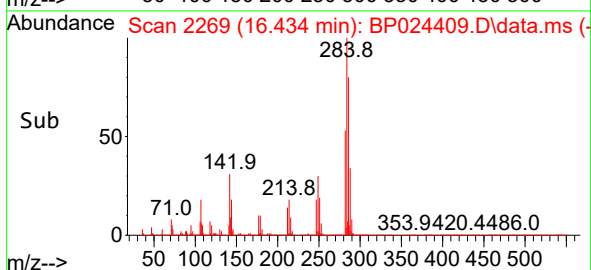
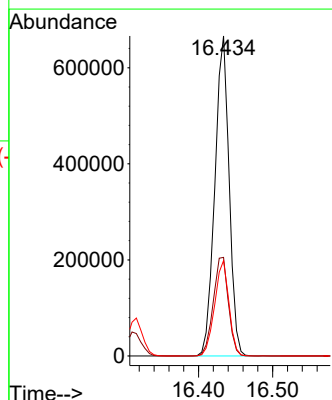
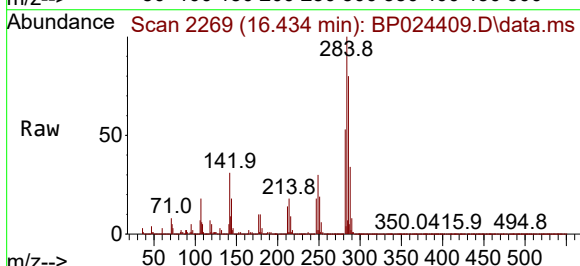
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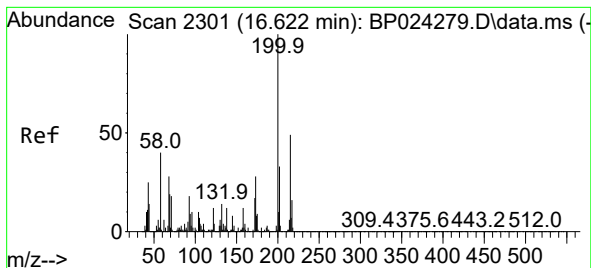
Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025



#68
Hexachlorobenzene
Concen: 51.166 ng
RT: 16.434 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

Tgt Ion:284 Resp: 891077
Ion Ratio Lower Upper
284 100
142 30.8 24.6 37.0
249 29.8 23.8 35.6





#69

Atrazine

Concen: 69.050 ng

RT: 16.610 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024409.D

Acq: 24 Apr 2025 13:12

Instrument :

BNA_P

ClientSampleId :

PB167711BS

Tgt Ion:200 Resp: 70342

Ion Ratio Lower Upper

200 100

173 26.4 7.5 47.5

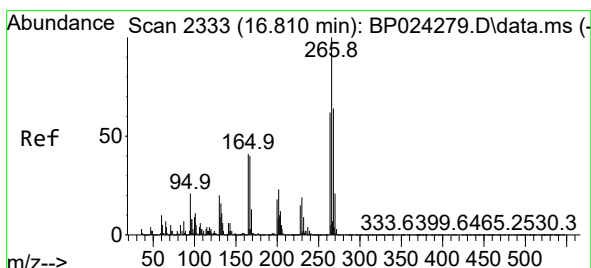
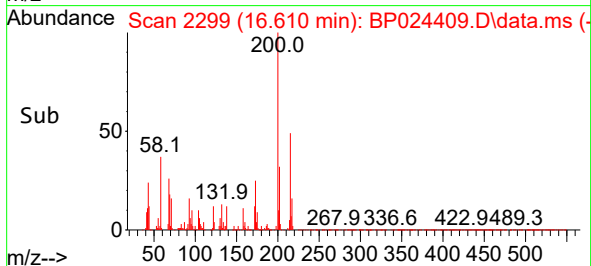
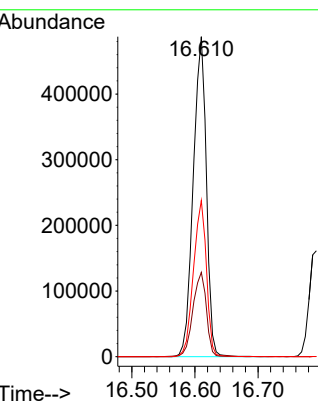
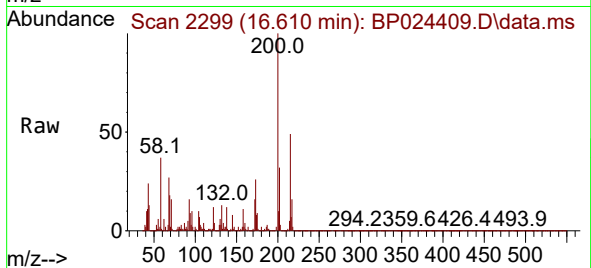
215 48.8 28.8 68.8

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Supervised By :Jagrut Upadhyay 04/25/2025



#70

Pentachlorophenol

Concen: 101.523 ng

RT: 16.792 min Scan# 2330

Delta R.T. -0.006 min

Lab File: BP024409.D

Acq: 24 Apr 2025 13:12

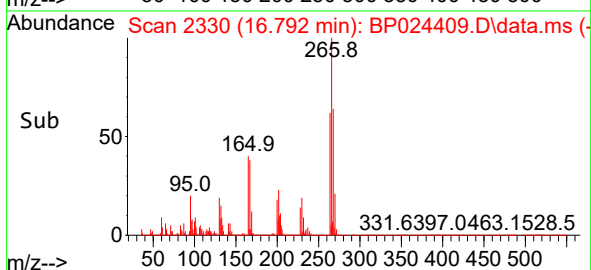
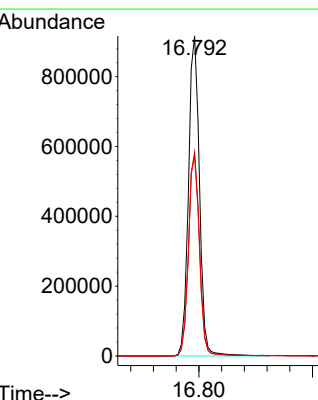
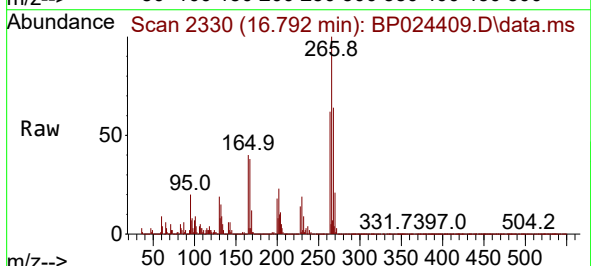
Tgt Ion:266 Resp: 1233445

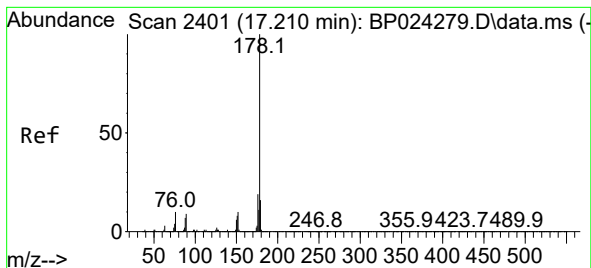
Ion Ratio Lower Upper

266 100

268 63.7 51.0 76.6

264 62.5 49.8 74.6





#71

Phenanthrene

Concen: 46.433 ng

RT: 17.187 min Scan# 2401

Delta R.T. -0.006 min

Lab File: BP024409.D

Acq: 24 Apr 2025 13:12

Instrument :

BNA_P

ClientSampleId :

PB167711BS

Tgt Ion:178 Resp: 3394420

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

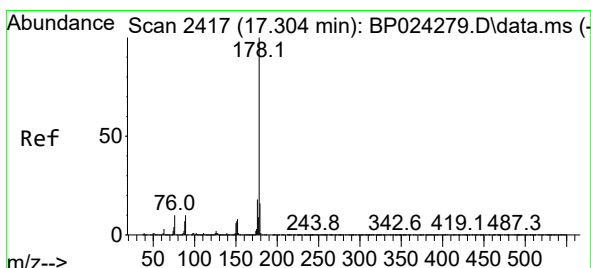
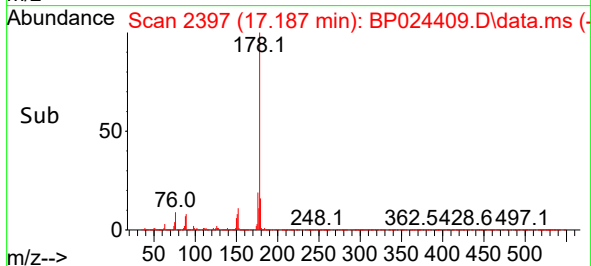
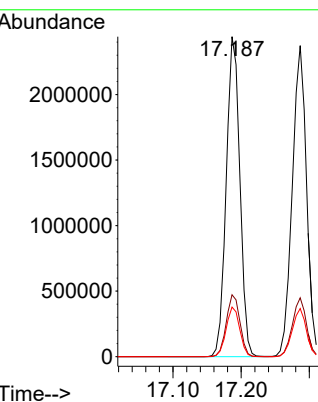
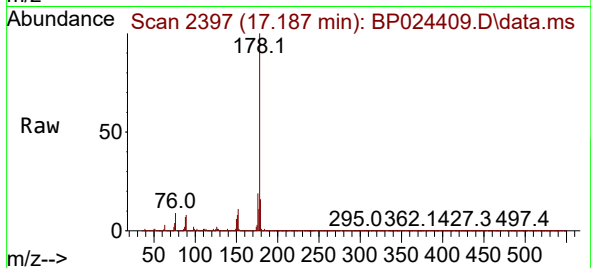
179 15.5 12.5 18.7

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Reviewed By :Rahul Chavli 04/25/2025

Supervised By :Jagrut Upadhyay 04/25/2025



#72

Anthracene

Concen: 49.197 ng

RT: 17.287 min Scan# 2414

Delta R.T. 0.000 min

Lab File: BP024409.D

Acq: 24 Apr 2025 13:12

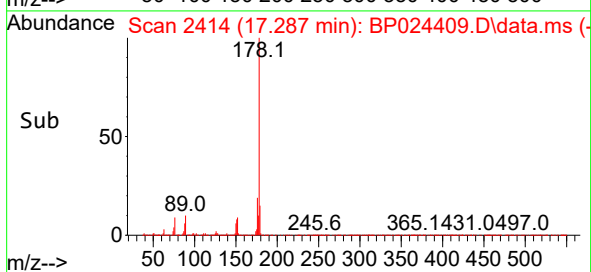
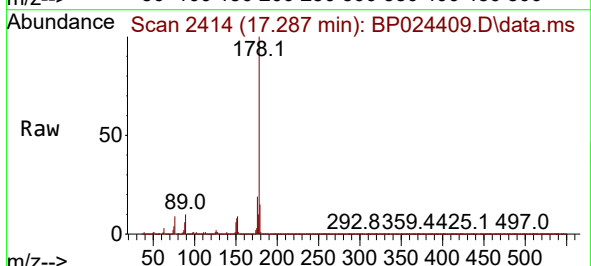
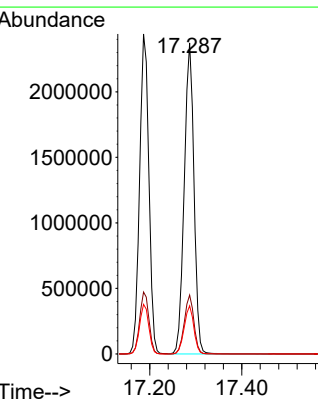
Tgt Ion:178 Resp: 3466316

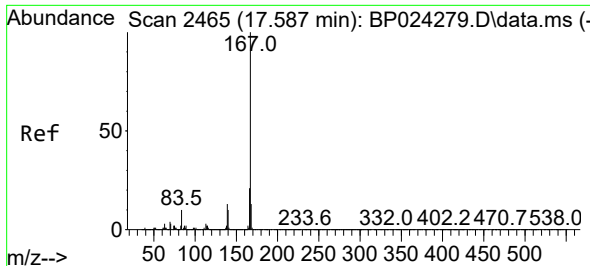
Ion Ratio Lower Upper

178 100

176 18.9 14.7 22.1

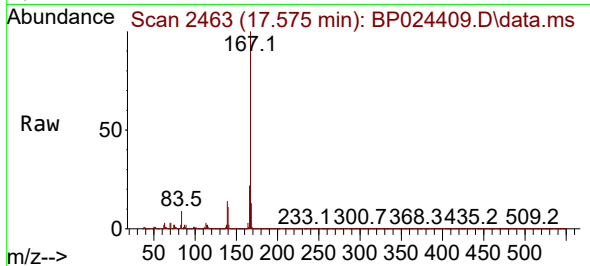
179 15.5 12.4 18.6





#73
 Carbazole
 Concen: 46.471 ng
 RT: 17.575 min Scan# 2463
 Delta R.T. 0.006 min
 Lab File: BP024409.D
 Acq: 24 Apr 2025 13:12

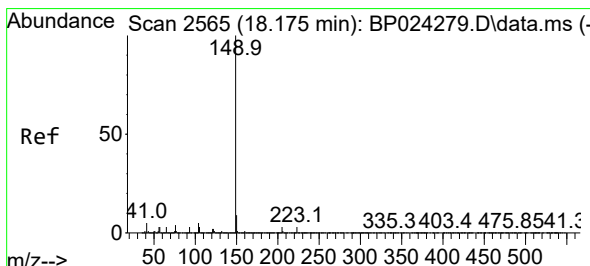
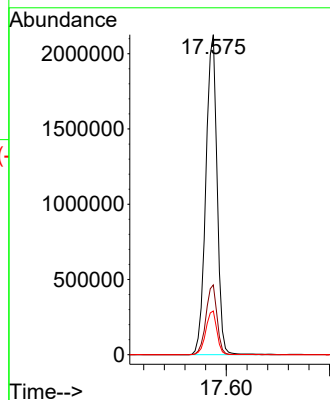
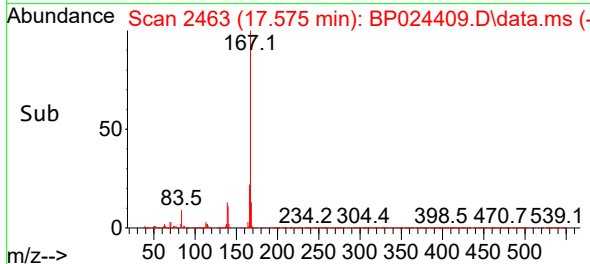
Instrument :
 BNA_P
 ClientSampleId :
 PB167711BS



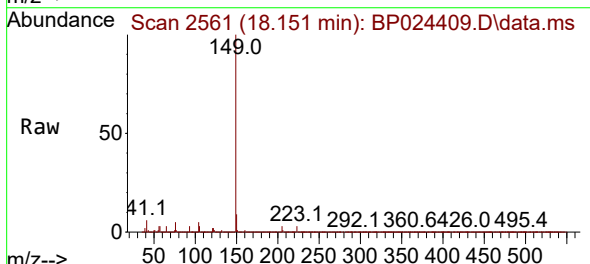
Tgt Ion:167 Resp: 3199228
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.1 25.7
 139 13.7 10.6 16.0

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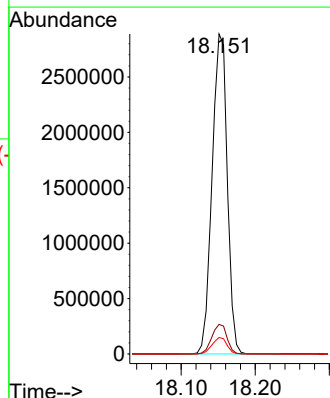
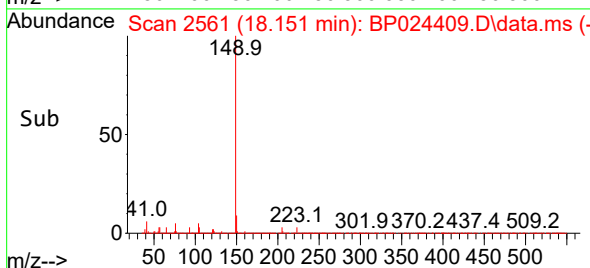
Reviewed By :Rahul Chavli 04/25/2025
 Supervised By :Jagrut Upadhyay 04/25/2025

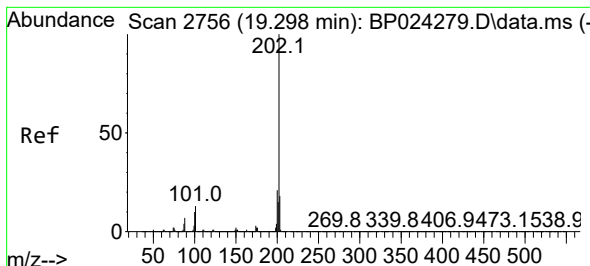


#74
 Di-n-butylphthalate
 Concen: 47.731 ng
 RT: 18.151 min Scan# 2561
 Delta R.T. -0.006 min
 Lab File: BP024409.D
 Acq: 24 Apr 2025 13:12



Tgt Ion:149 Resp: 4093821
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 5.1 3.9 5.9





#75

Fluoranthene

Concen: 45.017 ng

RT: 19.281 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024409.D

Acq: 24 Apr 2025 13:12

Instrument :

BNA_P

ClientSampleId :

PB167711BS

Tgt Ion:202 Resp: 391396

Ion Ratio Lower Upper

202 100

101 11.6 0.0 33.2

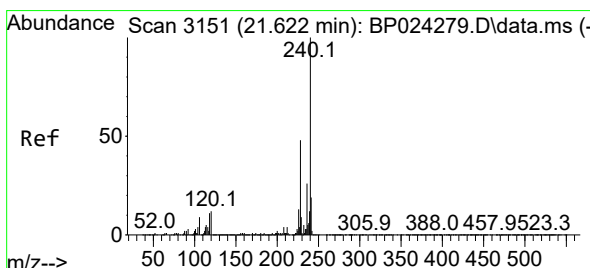
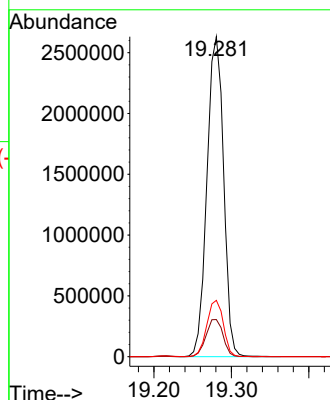
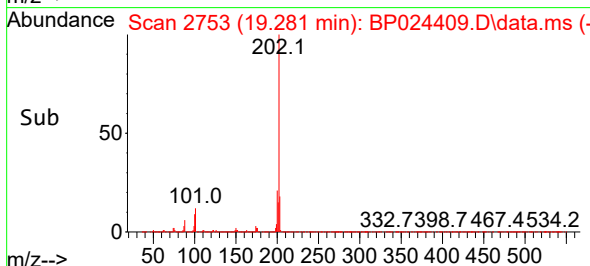
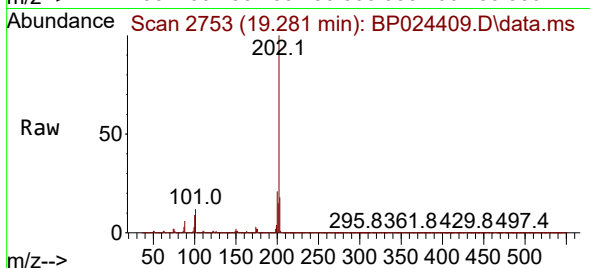
203 17.6 0.0 37.7

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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: 21.592 min Scan# 3146

Delta R.T. 0.000 min

Lab File: BP024409.D

Acq: 24 Apr 2025 13:12

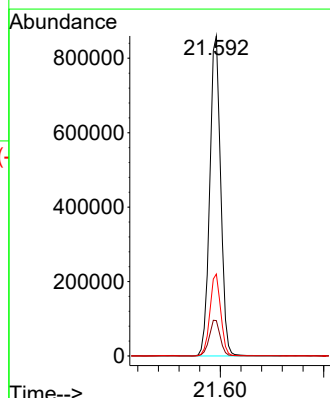
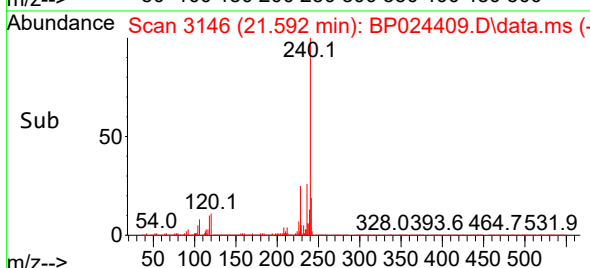
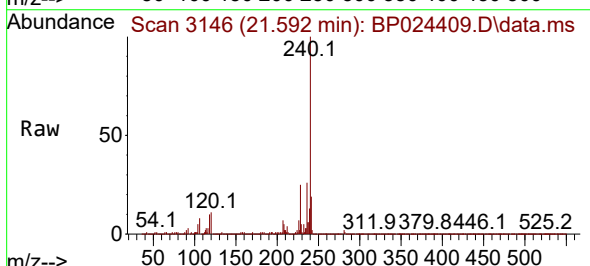
Tgt Ion:240 Resp: 1256048

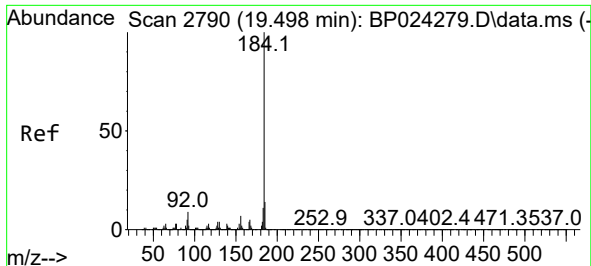
Ion Ratio Lower Upper

240 100

120 11.1 9.8 14.8

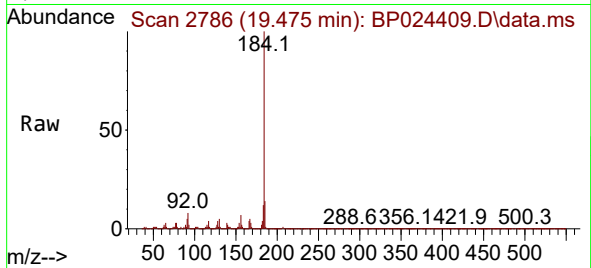
236 25.6 20.9 31.3





#77
Benzidine
Concen: 110.801 ng
RT: 19.475 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

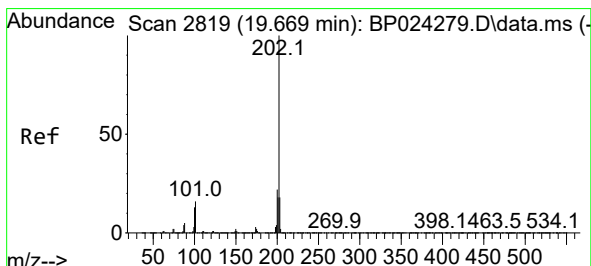
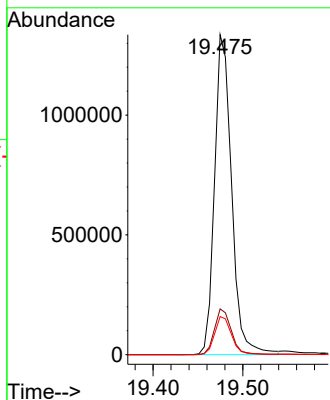
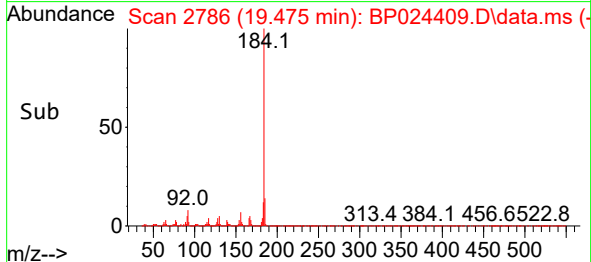
Instrument :
BNA_P
ClientSampleId :
PB167711BS



Tgt Ion:184 Resp: 176412
Ion Ratio Lower Upper
184 100
185 14.3 11.6 17.4
183 11.9 9.2 13.8

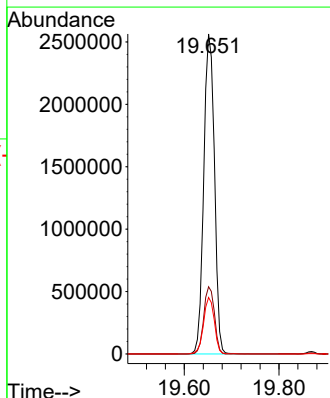
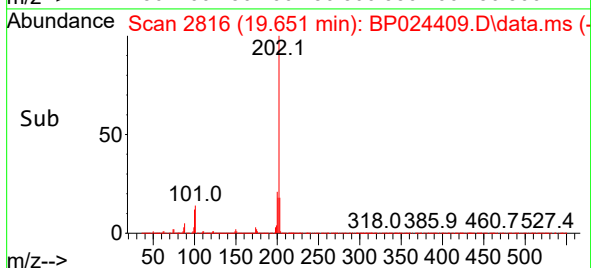
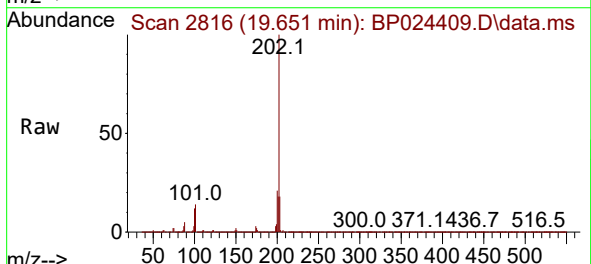
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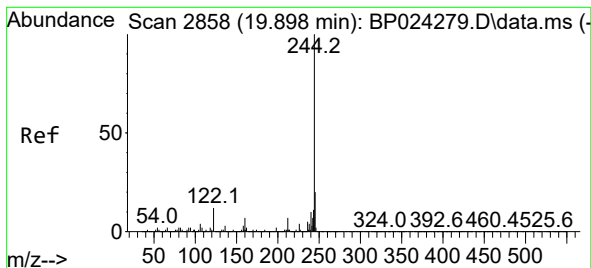
Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025



#78
Pyrene
Concen: 50.122 ng
RT: 19.651 min Scan# 2816
Delta R.T. 0.000 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

Tgt Ion:202 Resp: 4000869
Ion Ratio Lower Upper
202 100
200 21.0 17.2 25.8
203 17.7 14.4 21.6





#79

Terphenyl-d14

Concen: 100.756 ng

RT: 19.869 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024409.D

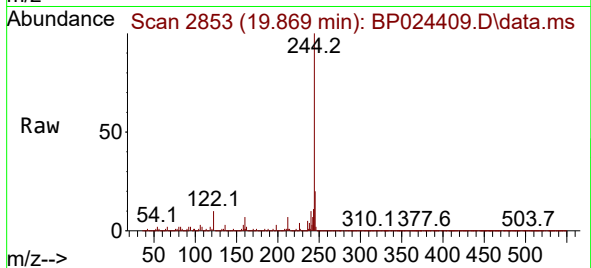
Acq: 24 Apr 2025 13:12

Instrument :

BNA_P

ClientSampleId :

PB167711BS



Tgt Ion:244 Resp: 6278618

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

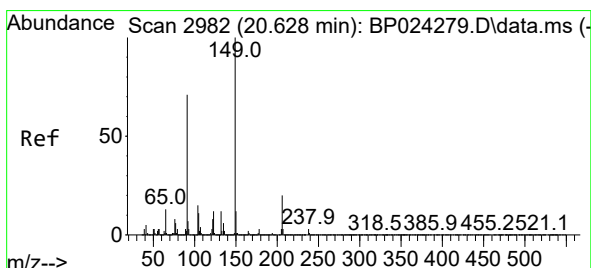
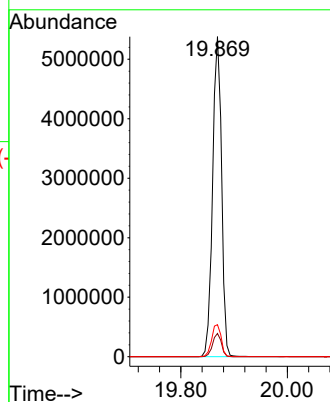
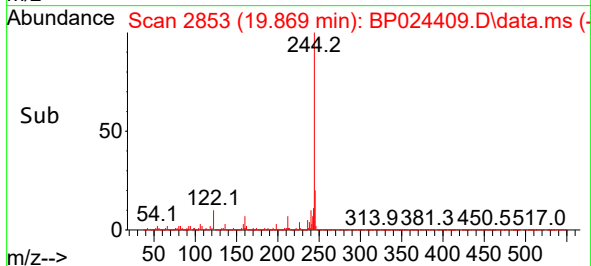
122 10.0 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/25/2025

Supervised By :Jagrut Upadhyay 04/25/2025



#80

Butylbenzylphthalate

Concen: 49.956 ng

RT: 20.598 min Scan# 2977

Delta R.T. -0.006 min

Lab File: BP024409.D

Acq: 24 Apr 2025 13:12

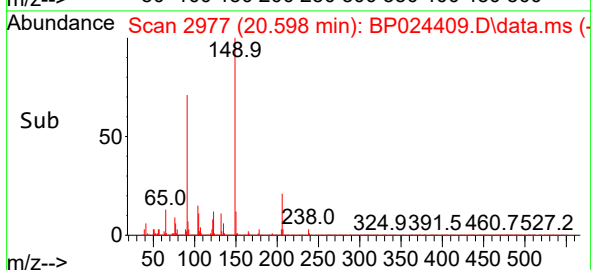
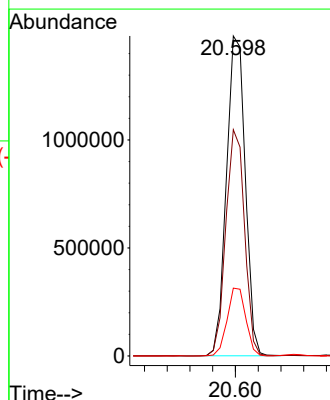
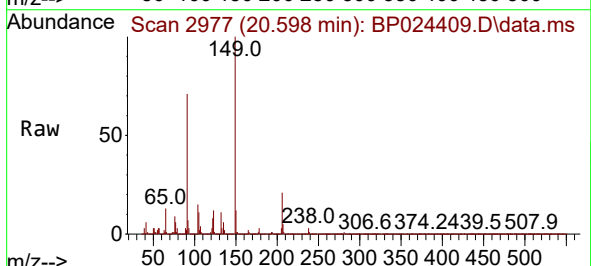
Tgt Ion:149 Resp: 1708000

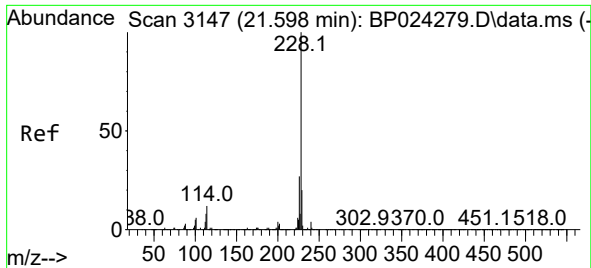
Ion Ratio Lower Upper

149 100

91 70.7 56.4 84.6

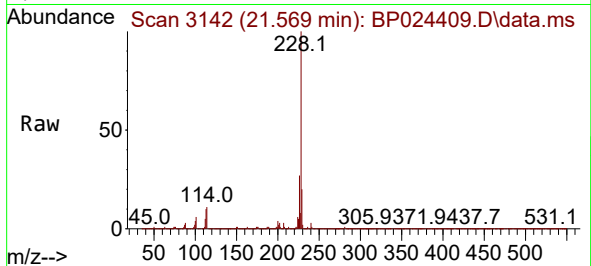
206 21.2 16.3 24.5





#81
Benzo(a)anthracene
Concen: 47.670 ng
RT: 21.569 min Scan# 3147
Delta R.T. 0.000 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

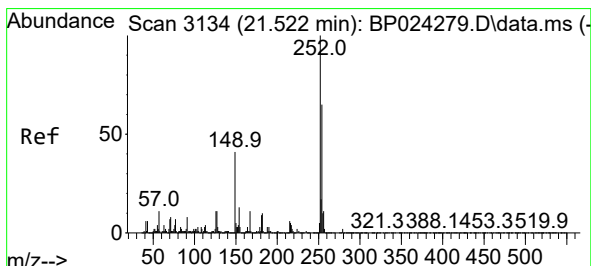
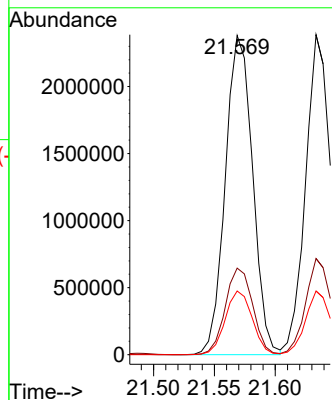
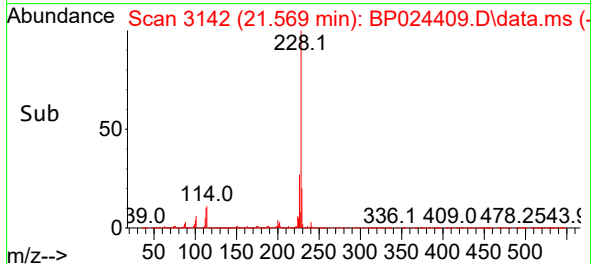
Instrument :
BNA_P
ClientSampleId :
PB167711BS



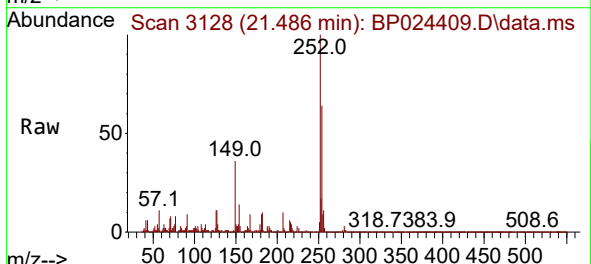
Tgt Ion:228 Resp: 372161
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.9 15.9 23.9

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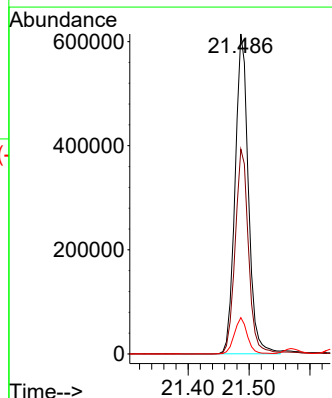
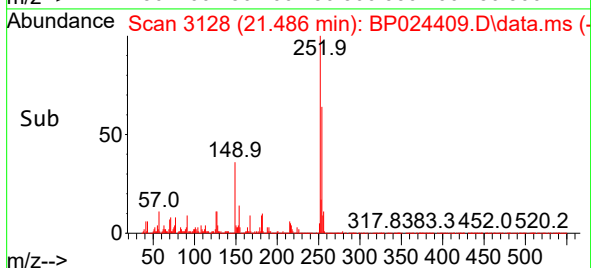
Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025

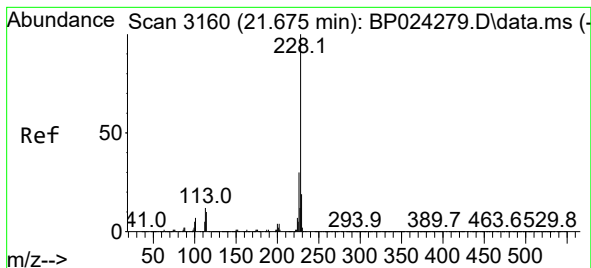


#82
3,3'-Dichlorobenzidine
Concen: 34.088 ng
RT: 21.486 min Scan# 3128
Delta R.T. -0.006 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12



Tgt Ion:252 Resp: 934079
Ion Ratio Lower Upper
252 100
254 64.0 51.7 77.5
126 11.4 8.8 13.2





#83

Chrysene

Concen: 45.980 ng

RT: 21.633 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP024409.D

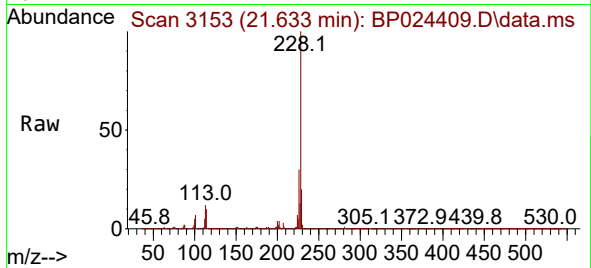
Acq: 24 Apr 2025 13:12

Instrument :

BNA_P

ClientSampleId :

PB167711BS



Tgt Ion:228 Resp: 3439070

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.2

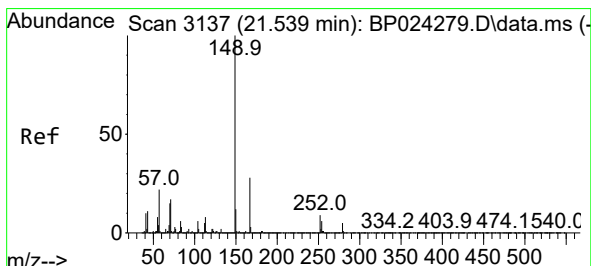
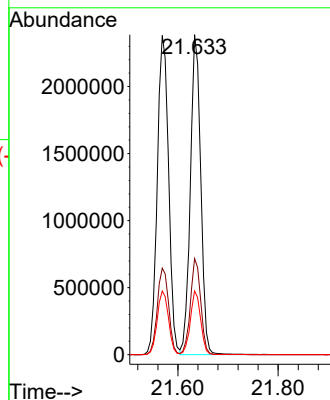
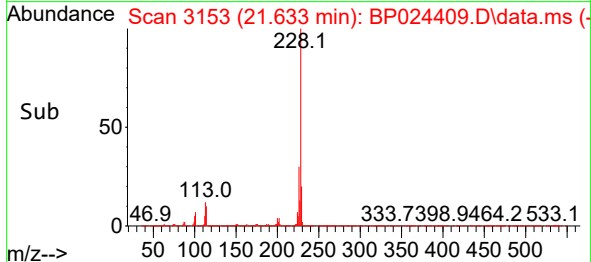
229 19.9 15.6 23.4

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: 46.070 ng

RT: 21.504 min Scan# 3131

Delta R.T. -0.006 min

Lab File: BP024409.D

Acq: 24 Apr 2025 13:12

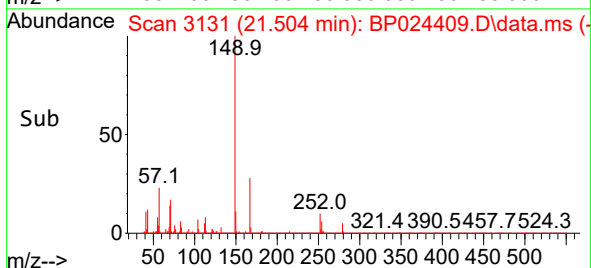
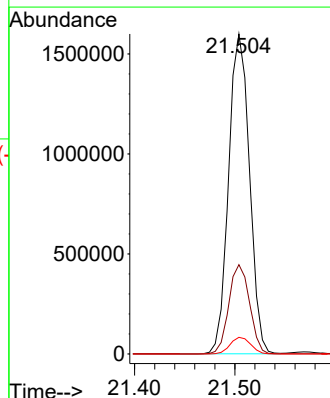
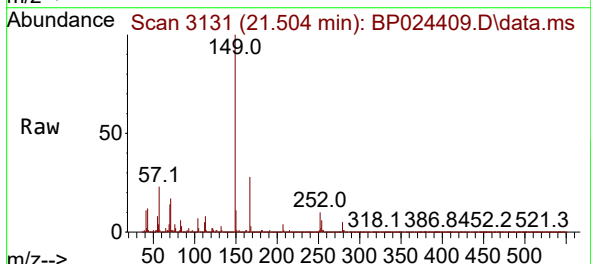
Tgt Ion:149 Resp: 2309093

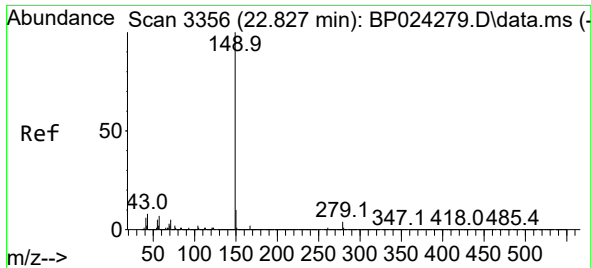
Ion Ratio Lower Upper

149 100

167 27.9 22.4 33.6

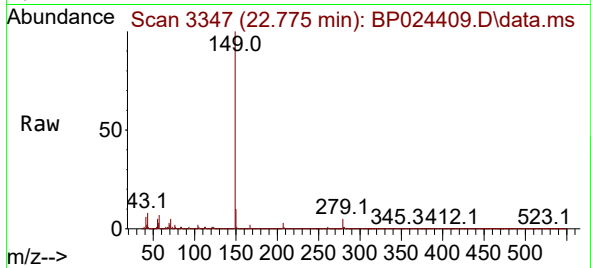
279 5.2 4.0 6.0





#85
Di-n-octyl phthalate
Concen: 44.397 ng
RT: 22.775 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

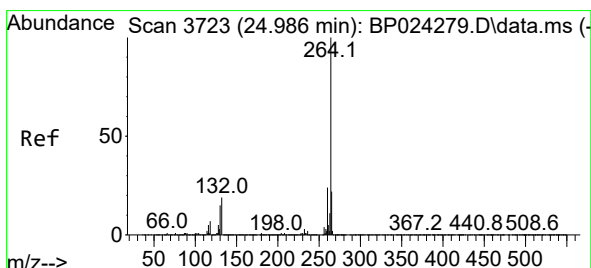
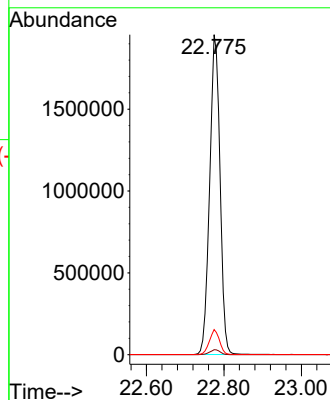
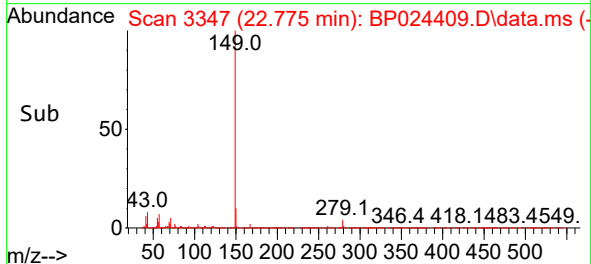
Instrument :
BNA_P
ClientSampleId :
PB167711BS



Tgt Ion:149 Resp: 3617572
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.6 6.0 9.0

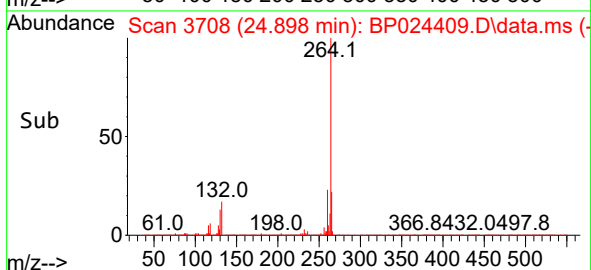
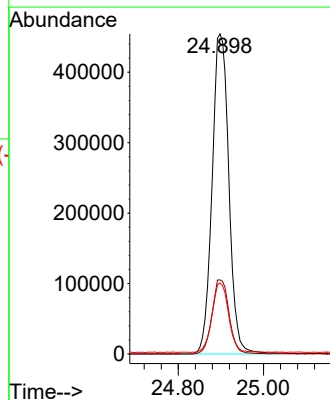
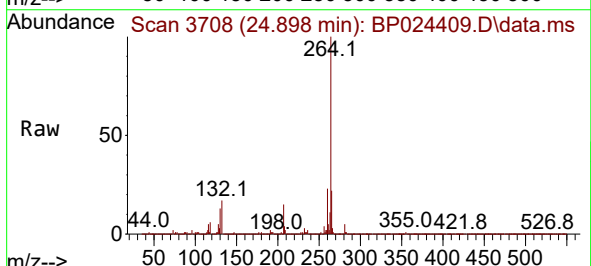
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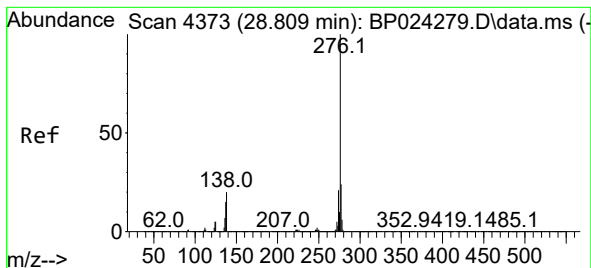
Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.898 min Scan# 3708
Delta R.T. -0.035 min
Lab File: BP024409.D
Acq: 24 Apr 2025 13:12

Tgt Ion:264 Resp: 1241821
Ion Ratio Lower Upper
264 100
260 23.1 18.9 28.3
265 22.2 17.8 26.6





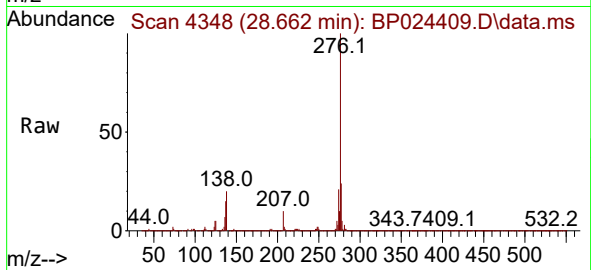
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.617 ng
 RT: 28.662 min Scan# 41
 Delta R.T. -0.076 min
 Lab File: BP024409.D
 Acq: 24 Apr 2025 13:12

Instrument :

BNA_P

ClientSampleId :

PB167711BS

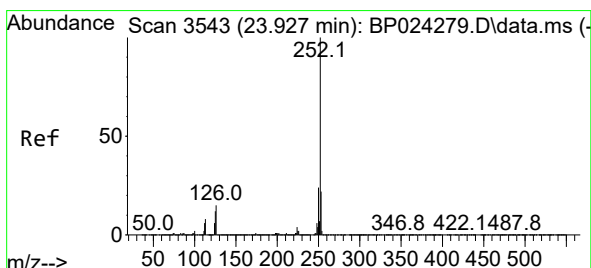
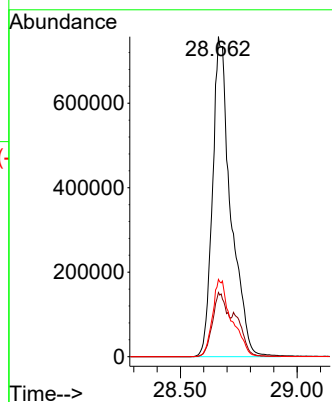
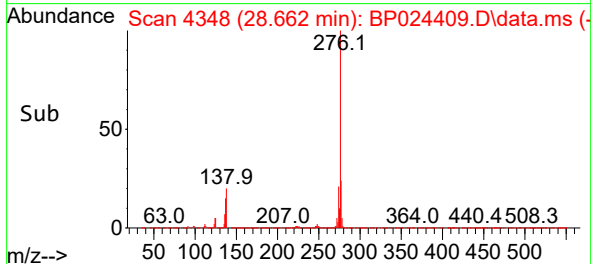


Tgt Ion:276 Resp: 4105190
 Ion Ratio Lower Upper
 276 100
 138 16.5 14.5 21.7
 277 25.4 20.2 30.2

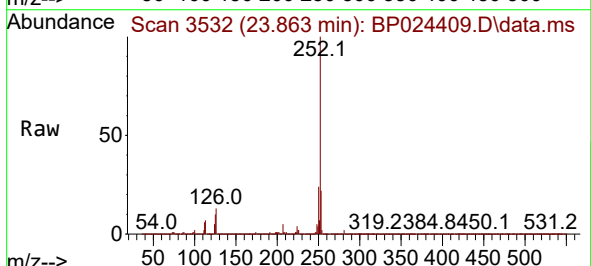
Manual Integrations

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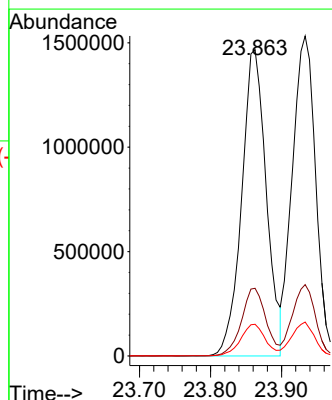
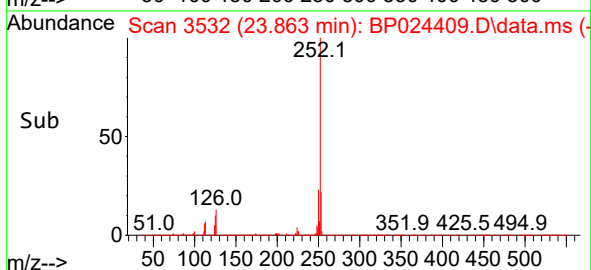
Reviewed By :Rahul Chavli 04/25/2025
 Supervised By :Jagrut Upadhyay 04/25/2025

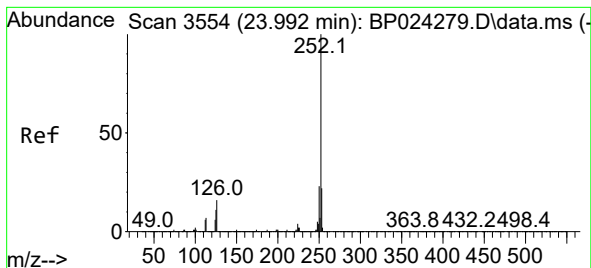


#88
 Benzo(b)fluoranthene
 Concen: 47.694 ng
 RT: 23.863 min Scan# 3532
 Delta R.T. -0.023 min
 Lab File: BP024409.D
 Acq: 24 Apr 2025 13:12



Tgt Ion:252 Resp: 3550127
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.7 26.5
 125 10.3 9.4 14.0





#89

Benzo(k)fluoranthene

Concen: 48.565 ng

RT: 23.933 min Scan# 3

Delta R.T. -0.023 min

Lab File: BP024409.D

Acq: 24 Apr 2025 13:12

Instrument :

BNA_P

ClientSampleId :

PB167711BS

Tgt Ion:252 Resp: 349188

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

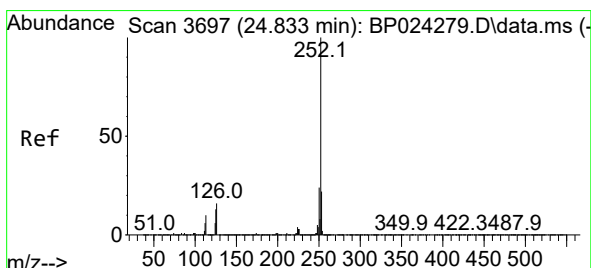
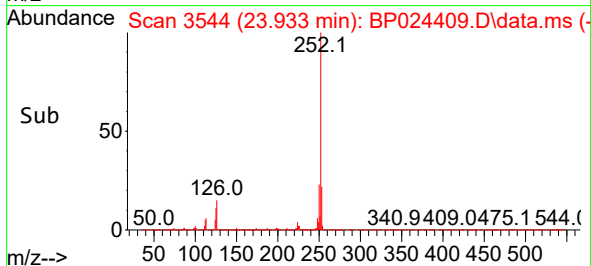
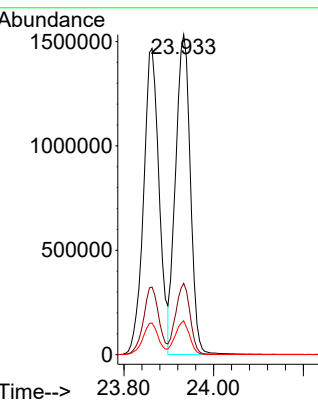
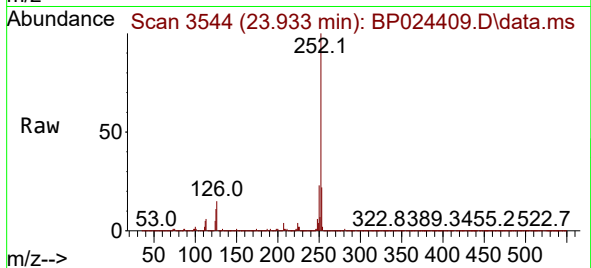
125 10.6 9.1 13.7

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: 51.822 ng

RT: 24.751 min Scan# 3683

Delta R.T. -0.029 min

Lab File: BP024409.D

Acq: 24 Apr 2025 13:12

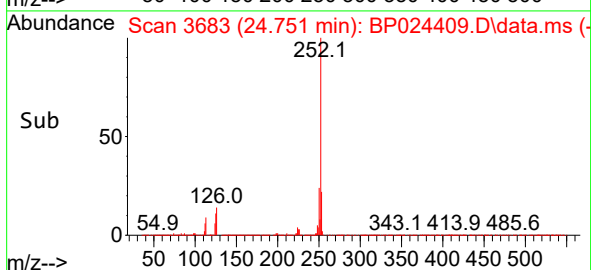
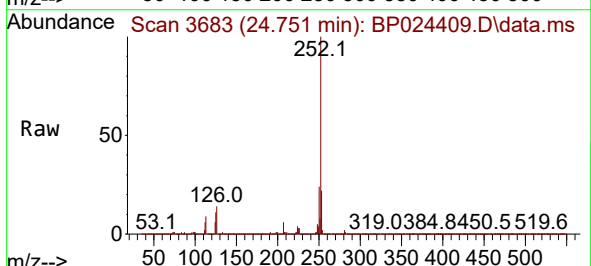
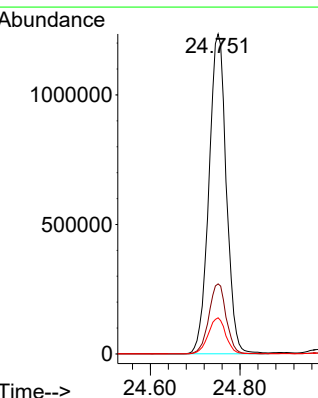
Tgt Ion:252 Resp: 3327370

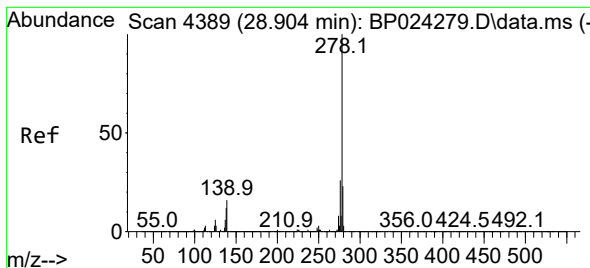
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 11.3 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 47.350 ng

RT: 28.745 min Scan# 41

Delta R.T. -0.059 min

Lab File: BP024409.D

Acq: 24 Apr 2025 13:12

Instrument :

BNA_P

ClientSampleId :

PB167711BS

Tgt Ion:278 Resp: 338829

Ion Ratio Lower Upper

278 100

139 15.4 12.6 19.0

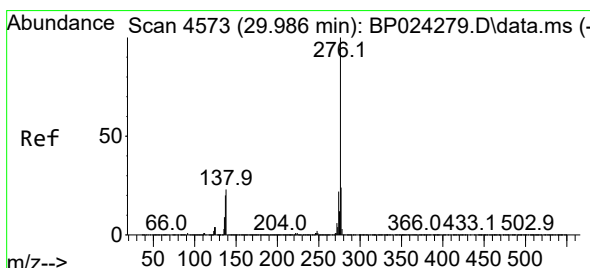
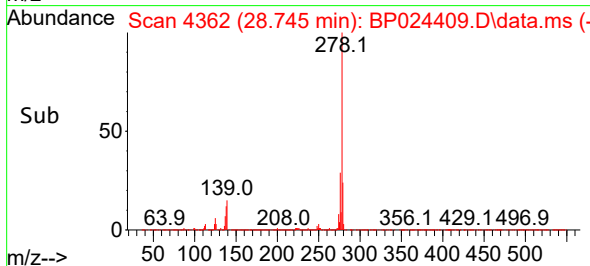
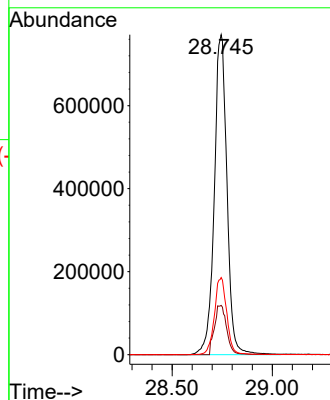
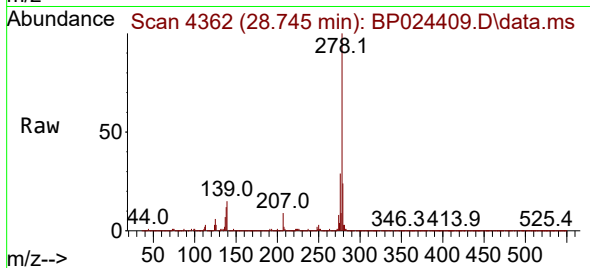
279 24.1 18.5 27.7

Manual Integrations

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Reviewed By :Rahul Chavli 04/25/2025

Supervised By :Jagrut Upadhyay 04/25/2025



#92

Benzo(g,h,i)perylene

Concen: 45.055 ng

RT: 29.851 min Scan# 4550

Delta R.T. -0.047 min

Lab File: BP024409.D

Acq: 24 Apr 2025 13:12

Tgt Ion:276 Resp: 3281655

Ion Ratio Lower Upper

276 100

277 23.8 18.9 28.3

138 21.6 18.7 28.1

