

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
 Data File : BP024426.D
 Acq On : 25 Apr 2025 17:11
 Operator : RC/JU
 Sample : Q1867-03MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ211MSD

Manual Integrations
 APPROVED

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

Quant Time: Apr 25 17:37:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	168176	20.000	ng	0.00
21) Naphthalene-d8	10.487	136	710061	20.000	ng	-0.01
39) Acenaphthene-d10	14.340	164	470962	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	984142	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1141779	20.000	ng	0.00
86) Perylene-d12	24.916	264	1384025	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1142668	112.344	ng	0.00
7) Phenol-d6	6.911	99	1500940	107.770	ng	0.00
23) Nitrobenzene-d5	8.863	82	893083	71.719	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	865737	132.863	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	2085473	67.799	ng	0.00
79) Terphenyl-d14	19.869	244	4012521	70.835	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.281	88	147458	34.275	ng	# 95
3) Pyridine	3.675	79	367705	32.368	ng	94
4) n-Nitrosodimethylamine	3.581	42	160735	42.633	ng	82
6) Aniline	7.058	93	431723	34.690	ng	98
8) 2-Chlorophenol	7.293	128	506654	44.615	ng	97
9) Benzaldehyde	6.875	77	231077	33.542	ng	96
10) Phenol	6.934	94	613810	43.934	ng	95
11) bis(2-Chloroethyl)ether	7.152	93	430781	38.269	ng	100
12) 1,3-Dichlorobenzene	7.605	146	505672	41.362	ng	99
13) 1,4-Dichlorobenzene	7.752	146	516229	41.617	ng	99
14) 1,2-Dichlorobenzene	8.063	146	500459	41.782	ng	98
15) Benzyl Alcohol	7.958	79	414223	45.990	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.234	45	482663	39.669	ng	100
17) 2-Methylphenol	8.163	107	416731	46.109	ng	98
18) Hexachloroethane	8.787	117	187760	41.884	ng	95
19) n-Nitroso-di-n-propyla...	8.516	70	332751	38.619	ng	97
20) 3+4-Methylphenols	8.487	107	569687	45.428	ng	98
22) Acetophenone	8.534	105	708587	40.319	ng	# 98
24) Nitrobenzene	8.905	77	505969	41.073	ng	98
25) Isophorone	9.428	82	961400	42.653	ng	98
26) 2-Nitrophenol	9.610	139	275041	45.624	ng	96
27) 2,4-Dimethylphenol	9.675	122	472490	62.420	ng	99
28) bis(2-Chloroethoxy)met...	9.905	93	589441	38.711	ng	99
29) 2,4-Dichlorophenol	10.152	162	475812	46.101	ng	99
30) 1,2,4-Trichlorobenzene	10.357	180	474073	42.871	ng	98
31) Naphthalene	10.540	128	1501983	40.156	ng	99
32) Benzoic acid	9.828	122	389177m	44.124	ng	
33) 4-Chloroaniline	10.657	127	240979	18.295	ng	99
34) Hexachlorobutadiene	10.822	225	288169	44.346	ng	99
35) Caprolactam	11.452	113	172282	45.239	ng	98
36) 4-Chloro-3-methylphenol	11.787	107	548449	45.622	ng	99
37) 2-Methylnaphthalene	12.146	142	981009	37.818	ng	98
38) 1-Methylnaphthalene	12.369	142	1028646	40.536	ng	99
40) 1,2,4,5-Tetrachloroben...	12.516	216	551448	42.578	ng	98
41) Hexachlorocyclopentadiene	12.499	237	657611	143.564	ng	97
43) 2,4,6-Trichlorophenol	12.763	196	398719	46.304	ng	98

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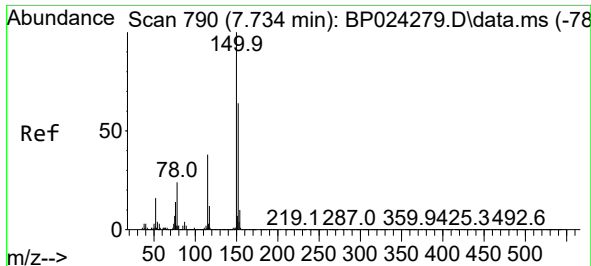
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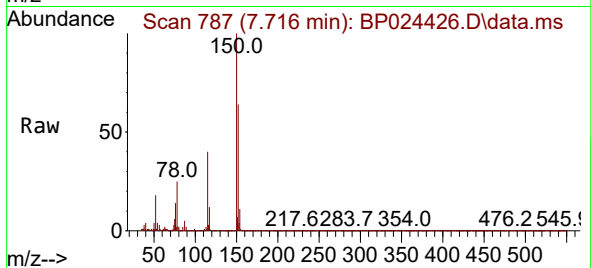
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.846	196	442806	46.438	ng	99
46) 1,1'-Biphenyl	13.163	154	1398867	40.408	ng	99
47) 2-Chloronaphthalene	13.204	162	1075944	41.585	ng	98
48) 2-Nitroaniline	13.416	65	330488	45.537	ng	99
49) Acenaphthylene	14.063	152	1822292	44.735	ng	99
50) Dimethylphthalate	13.798	163	1406830	41.076	ng	100
51) 2,6-Dinitrotoluene	13.922	165	320718	44.098	ng	99
52) Acenaphthene	14.410	154	1029964	39.882	ng	98
53) 3-Nitroaniline	14.257	138	246781	32.285	ng	98
54) 2,4-Dinitrophenol	14.463	184	403605	94.212	ng	92
55) Dibenzofuran	14.745	168	1678805	39.770	ng	98
56) 4-Nitrophenol	14.587	139	650045	98.468	ng	94
57) 2,4-Dinitrotoluene	14.716	165	471983	47.575	ng	97
58) Fluorene	15.404	166	1403067	42.936	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.987	232	408954	46.501	ng	98
60) Diethylphthalate	15.181	149	1492220	42.279	ng	99
61) 4-Chlorophenyl-phenyle...	15.398	204	672810	42.399	ng	97
62) 4-Nitroaniline	15.434	138	362830	44.839	ng	90
63) Azobenzene	15.704	77	1386752	42.749	ng	97
65) 4,6-Dinitro-2-methylph...	15.493	198	259035	41.749	ng	98
66) n-Nitrosodiphenylamine	15.628	169	1243022	42.317	ng	100
67) 4-Bromophenyl-phenylether	16.322	248	459059	42.650	ng	98
68) Hexachlorobenzene	16.434	284	585108	45.748	ng	100
69) Atrazine	16.610	200	466390	62.340	ng	99
70) Pentachlorophenol	16.792	266	847063	94.935	ng	100
71) Phenanthrene	17.192	178	2393832	44.588	ng	99
72) Anthracene	17.287	178	2314721	44.734	ng	99
73) Carbazole	17.569	167	2259136	44.684	ng	99
74) Di-n-butylphthalate	18.163	149	2794531	44.366	ng	100
75) Fluoranthene	19.286	202	3151454	49.355	ng	96
77) Benzidine	19.475	184	1158292	80.031	ng	99
78) Pyrene	19.657	202	3152396	43.445	ng	99
80) Butylbenzylphthalate	20.604	149	1429626	45.999	ng	96
81) Benzo(a)anthracene	21.569	228	3207923	45.202	ng	100
82) 3,3'-Dichlorobenzidine	21.492	252	877749	35.238	ng	98
83) Chrysene	21.633	228	3008014	44.241	ng	99
84) Bis(2-ethylhexyl)phtha...	21.504	149	2188866	48.042	ng	100
85) Di-n-octyl phthalate	22.780	149	3622454	48.906	ng	99
87) Indeno(1,2,3-cd)pyrene	28.721	276	4539590m	47.246	ng	
88) Benzo(b)fluoranthene	23.880	252	3589085	43.263	ng	# 97
89) Benzo(k)fluoranthene	23.951	252	3408635	42.536	ng	# 97
90) Benzo(a)pyrene	24.768	252	3383182	47.277	ng	98
91) Dibenzo(a,h)anthracene	28.786	278	3631575	45.535	ng	97
92) Benzo(g,h,i)perylene	29.898	276	3620472	44.599	ng	95

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

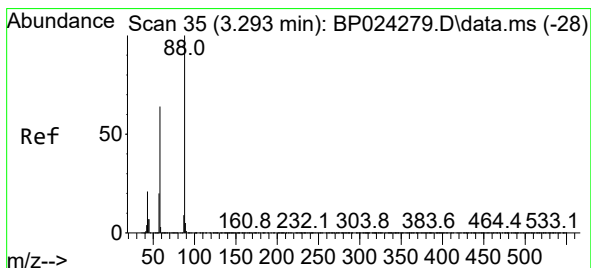
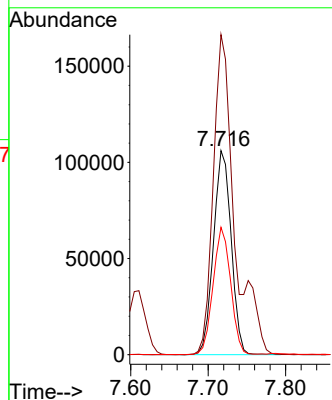
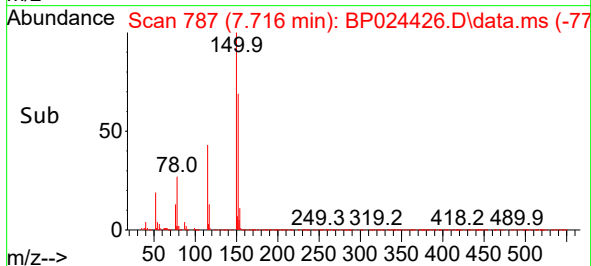
Instrument :
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ClientSampleId :
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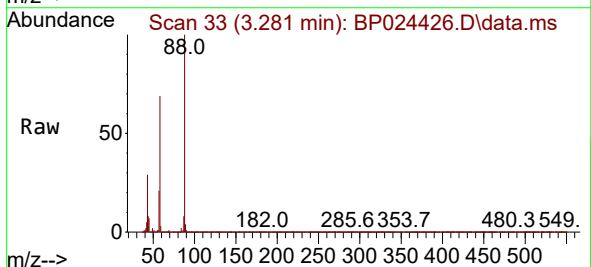
Tgt Ion:152 Resp: 168170
Ion Ratio Lower Upper
152 100
150 156.9 124.9 187.3
115 62.5 47.7 71.5

Manual Integrations
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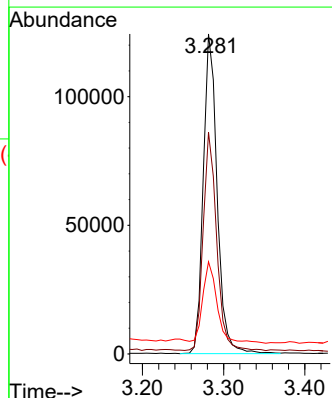
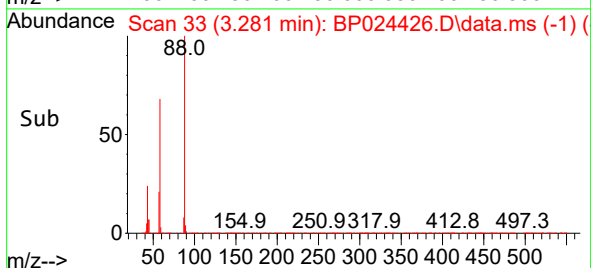
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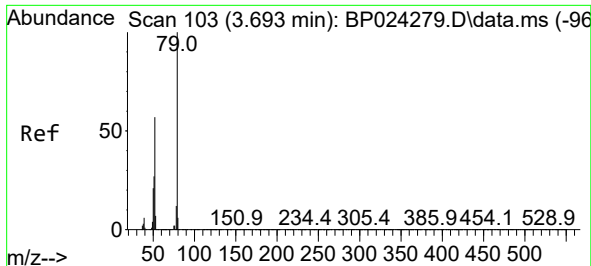


#2
1,4-Dioxane
Concen: 34.275 ng
RT: 3.281 min Scan# 33
Delta R.T. -0.006 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11



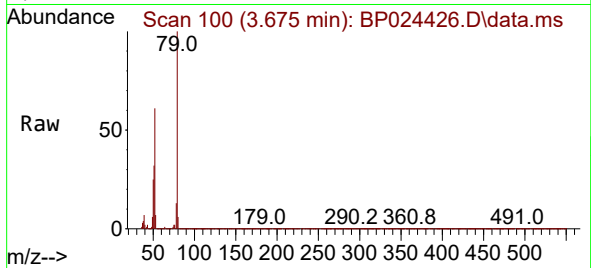
Tgt Ion: 88 Resp: 147458
Ion Ratio Lower Upper
88 100
58 66.3 51.4 77.2
43 26.4 17.1 25.7#





#3
Pyridine
Concen: 32.368 ng
RT: 3.675 min Scan# 103
Delta R.T. -0.012 min
Lab File: BP024426.D
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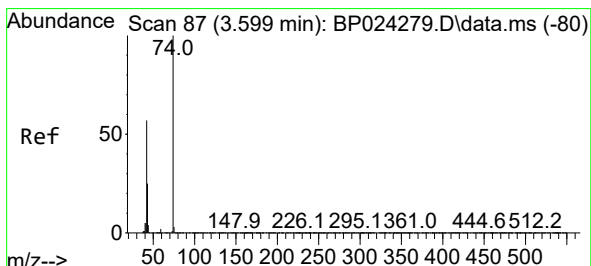
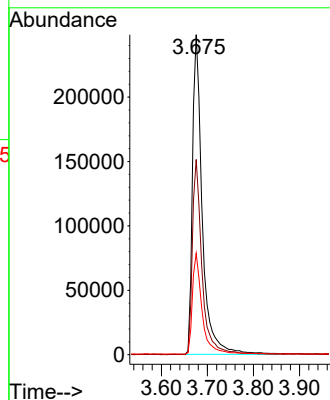
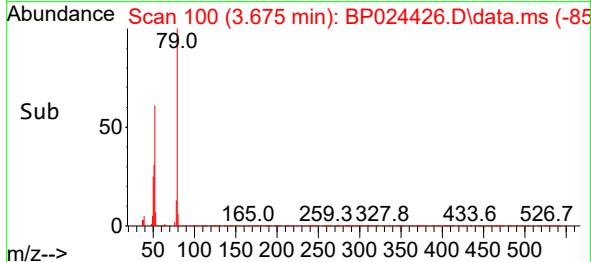
Instrument :
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Tgt Ion: 79 Resp: 36770
Ion Ratio Lower Upper
79 100
52 61.0 45.4 68.2
51 31.7 22.6 33.8

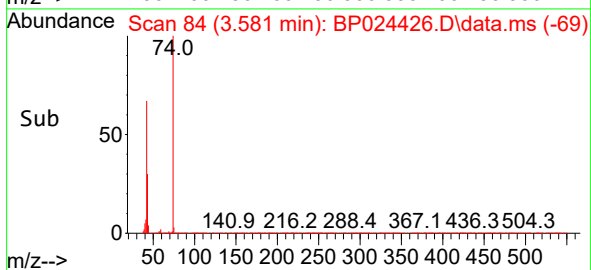
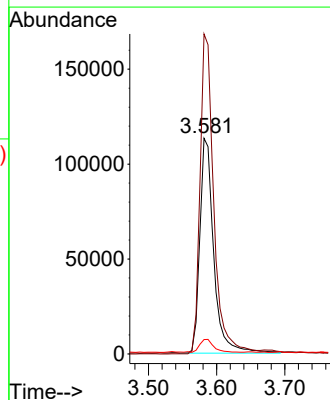
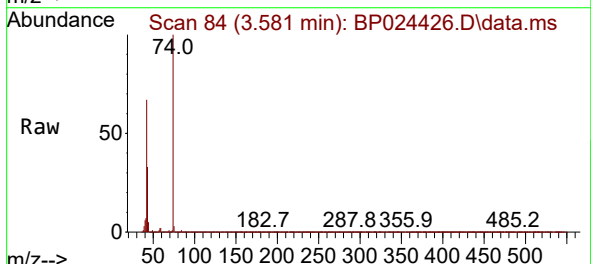
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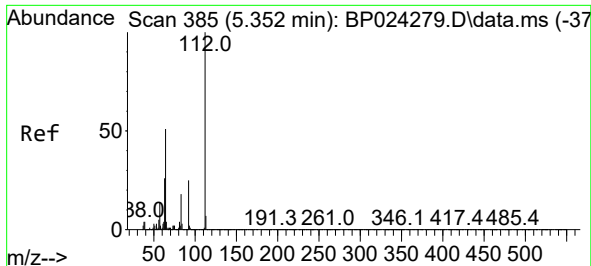
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#4
n-Nitrosodimethylamine
Concen: 42.633 ng
RT: 3.581 min Scan# 84
Delta R.T. -0.012 min
Lab File: BP024426.D
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Tgt Ion: 42 Resp: 160735
Ion Ratio Lower Upper
42 100
74 148.4 139.5 209.3
44 6.7 5.8 8.8





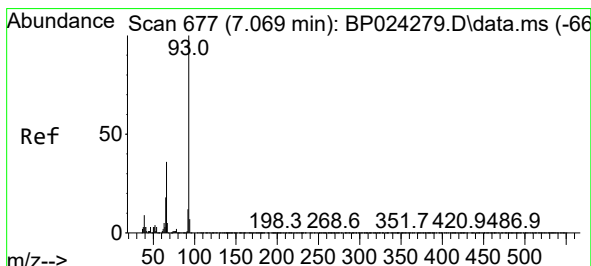
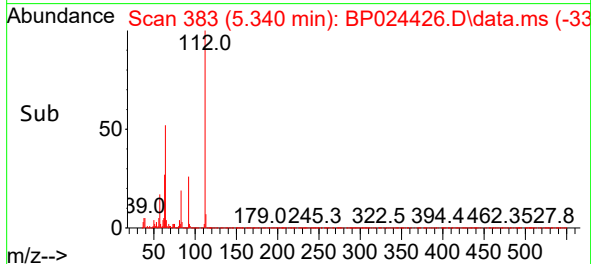
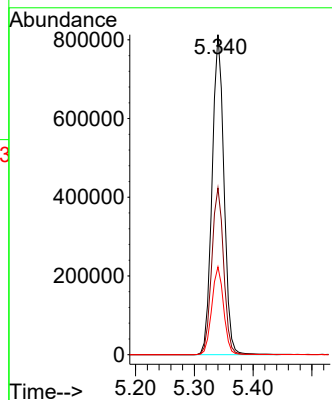
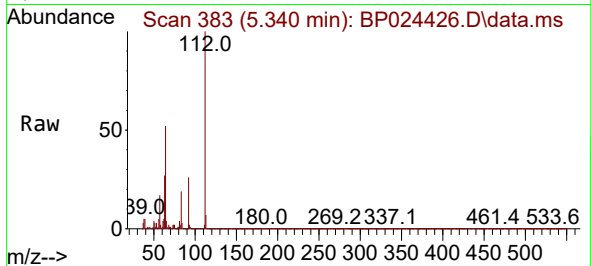
#5
2-Fluorophenol
Concen: 112.344 ng
RT: 5.340 min Scan# 385
Delta R.T. -0.006 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

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Tgt Ion:112 Resp: 114266
Ion Ratio Lower Upper
112 100
64 52.1 41.1 61.7
63 27.5 20.6 30.8

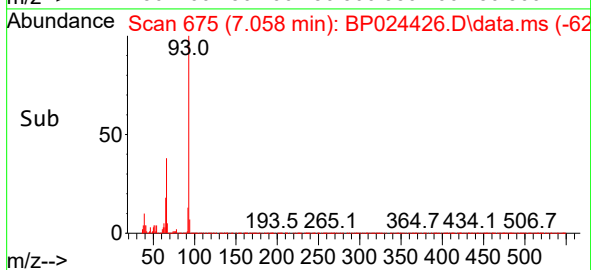
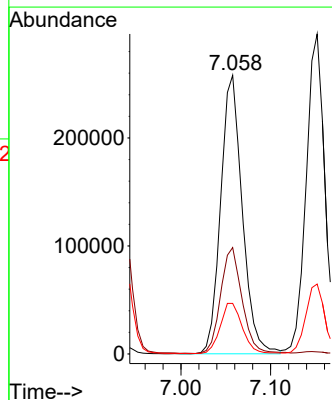
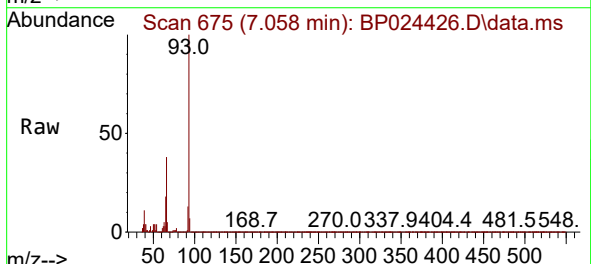
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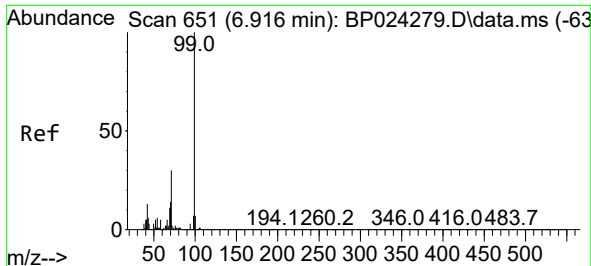
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#6
Aniline
Concen: 34.690 ng
RT: 7.058 min Scan# 675
Delta R.T. -0.006 min
Lab File: BP024426.D
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Tgt Ion: 93 Resp: 431723
Ion Ratio Lower Upper
93 100
66 38.2 29.1 43.7
65 18.2 14.7 22.1





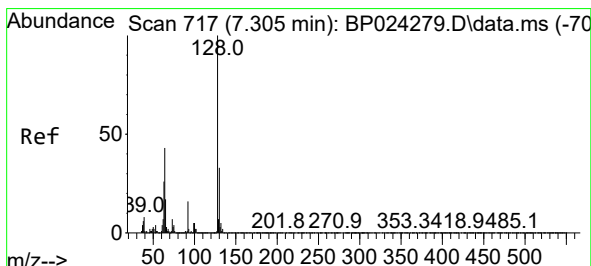
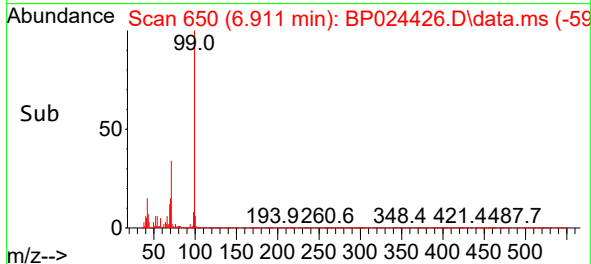
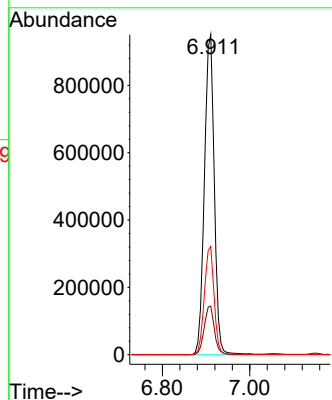
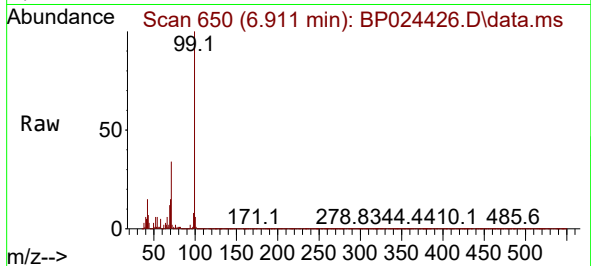
#7
Phenol-d6
Concen: 107.770 ng
RT: 6.911 min Scan# 611
Delta R.T. 0.000 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

Instrument :
BNA_P
ClientSampleId :
VNJ211MSD

Tgt Ion: 99 Resp: 1500940
Ion Ratio Lower Upper
99 100
42 15.1 10.6 16.0
71 33.8 23.7 35.5

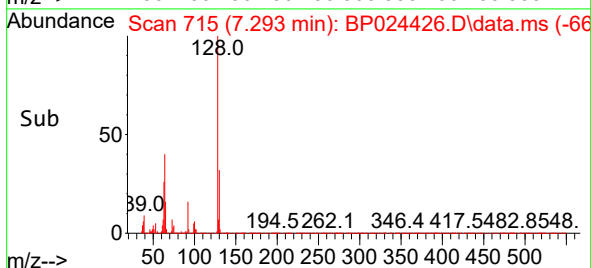
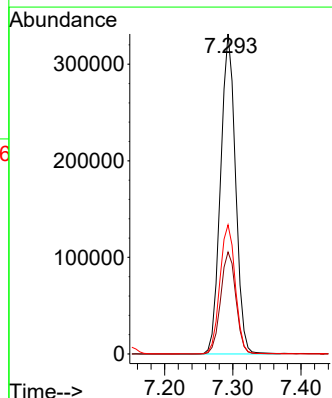
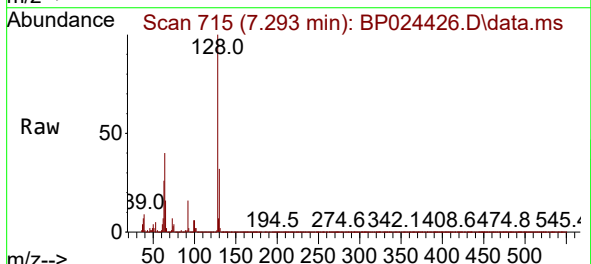
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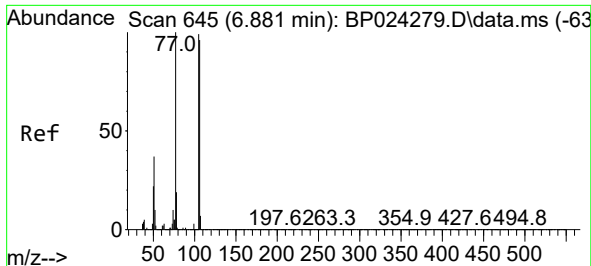
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#8
2-Chlorophenol
Concen: 44.615 ng
RT: 7.293 min Scan# 715
Delta R.T. -0.006 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

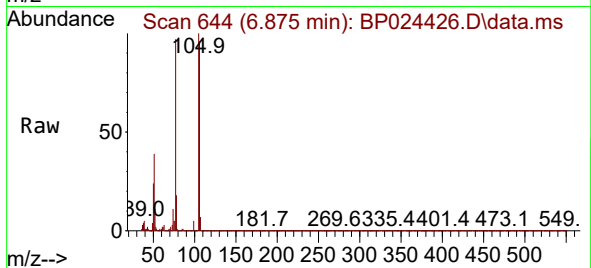
Tgt Ion:128 Resp: 506654
Ion Ratio Lower Upper
128 100
130 31.8 12.9 52.9
64 40.4 22.7 62.7





#9
Benzaldehyde
Concen: 33.542 ng
RT: 6.875 min Scan# 645
Delta R.T. -0.006 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

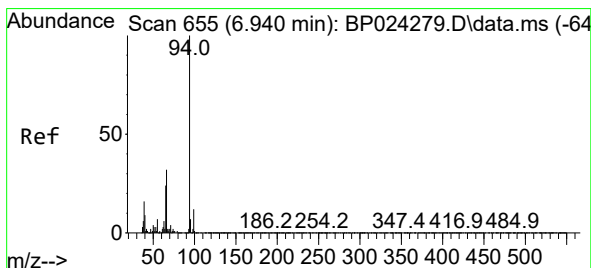
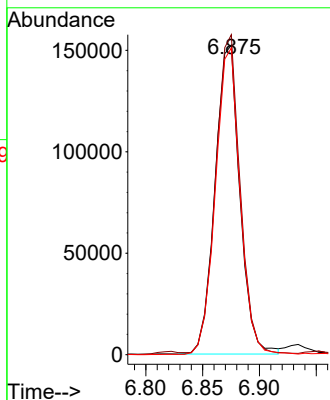
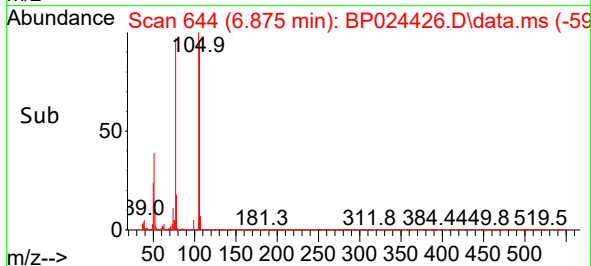
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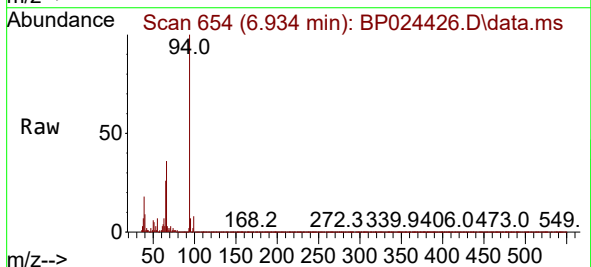
Tgt Ion: 77 Resp: 23107
Ion Ratio Lower Upper
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105 103.4 79.2 119.2
106 99.1 76.2 116.2

Manual Integrations
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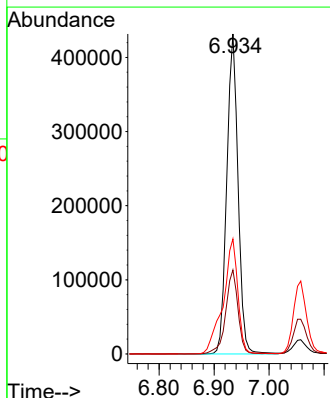
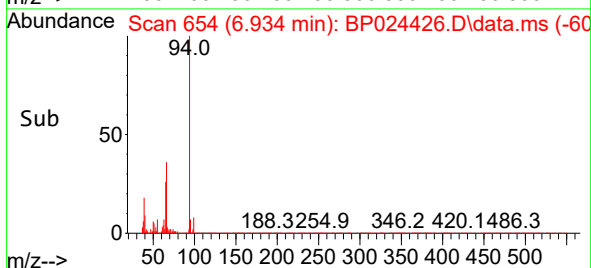
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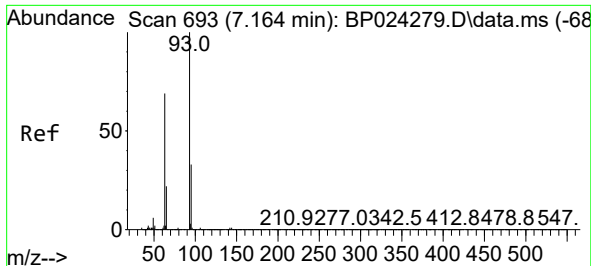


#10
Phenol
Concen: 43.934 ng
RT: 6.934 min Scan# 654
Delta R.T. -0.006 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11



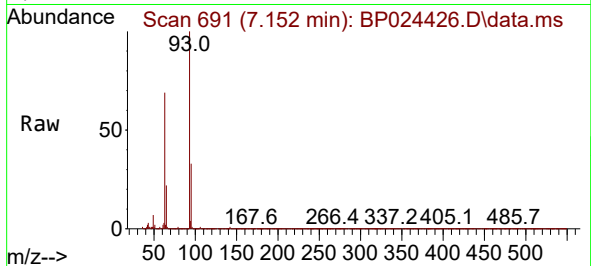
Tgt Ion: 94 Resp: 613810
Ion Ratio Lower Upper
94 100
65 26.3 4.5 44.5
66 36.0 12.4 52.4





#11
bis(2-Chloroethyl)ether
Concen: 38.269 ng
RT: 7.152 min Scan# 691
Delta R.T. -0.006 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

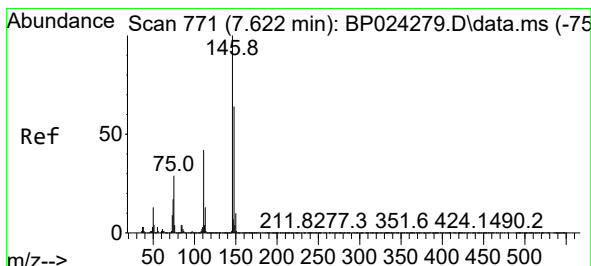
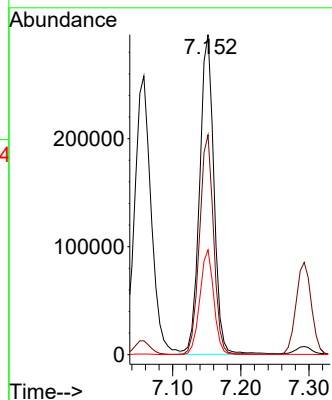
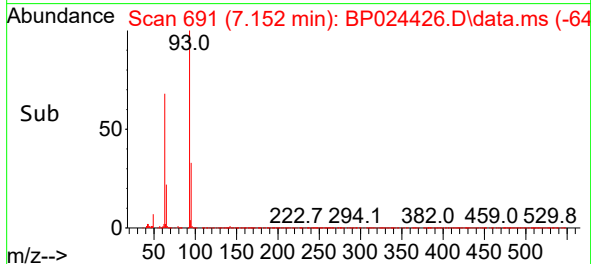
Instrument :
BNA_P
Client Sample Id :
VNJ211MSD



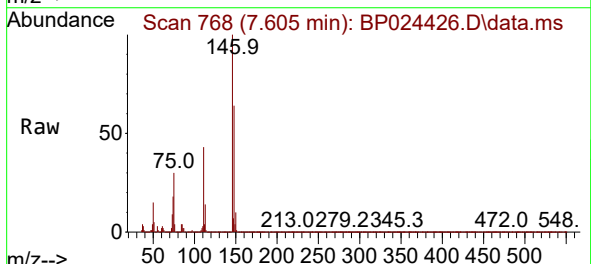
Tgt Ion: 93 Resp: 43078
Ion Ratio Lower Upper
93 100
63 68.6 48.6 88.6
95 32.7 12.3 52.3

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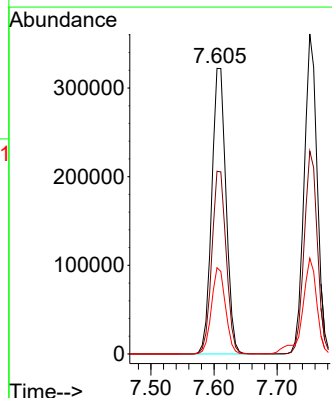
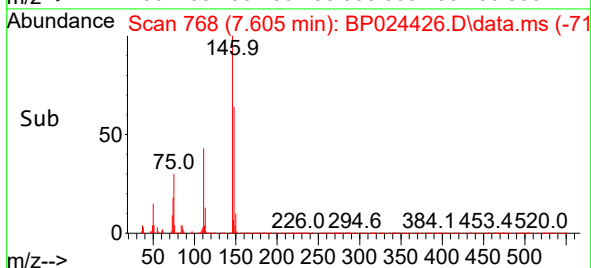
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025

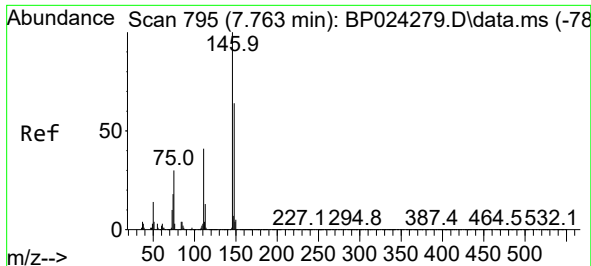


#12
1,3-Dichlorobenzene
Concen: 41.362 ng
RT: 7.605 min Scan# 768
Delta R.T. -0.012 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11



Tgt Ion:146 Resp: 505672
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.0
75 30.2 22.9 34.3





#13

1,4-Dichlorobenzene

Concen: 41.617 ng

RT: 7.752 min Scan# 795

Delta R.T. -0.006 min

Lab File: BP024426.D

Acq: 25 Apr 2025 17:11

Instrument :

BNA_P

ClientSampleId :

VNJ211MSD

Tgt Ion:146 Resp: 516229

Ion Ratio Lower Upper

146 100

148 63.4 51.1 76.7

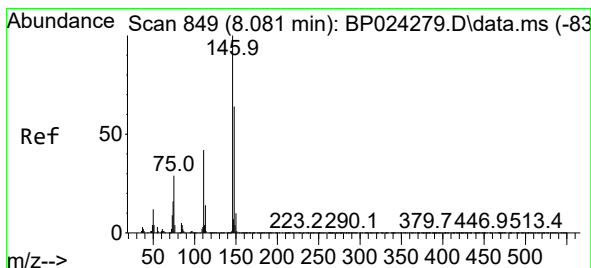
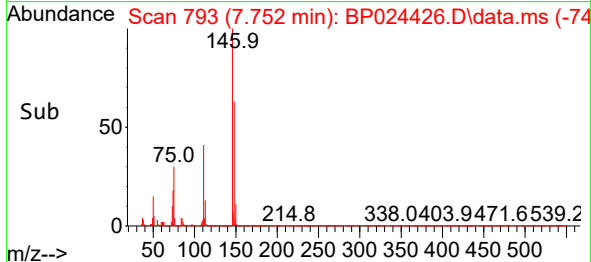
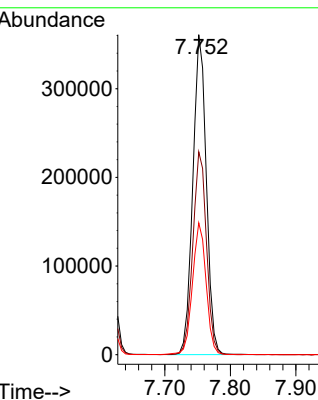
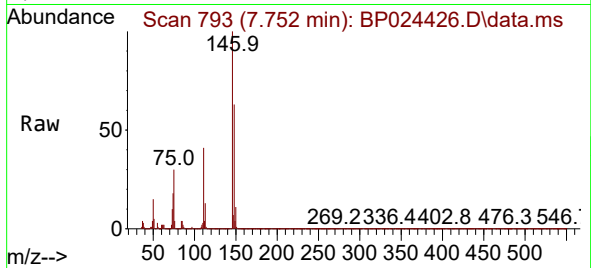
111 41.2 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/28/2025

Supervised By :Jagrut Upadhyay 04/28/2025



#14

1,2-Dichlorobenzene

Concen: 41.782 ng

RT: 8.063 min Scan# 846

Delta R.T. -0.012 min

Lab File: BP024426.D

Acq: 25 Apr 2025 17:11

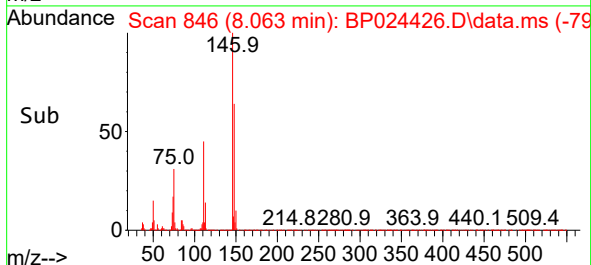
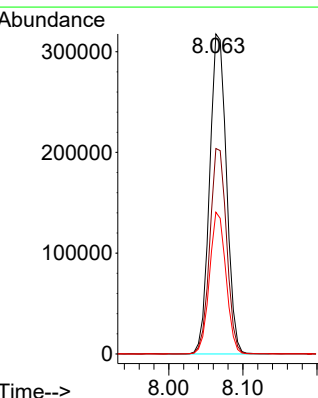
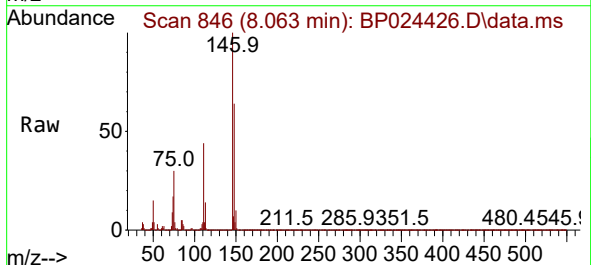
Tgt Ion:146 Resp: 500459

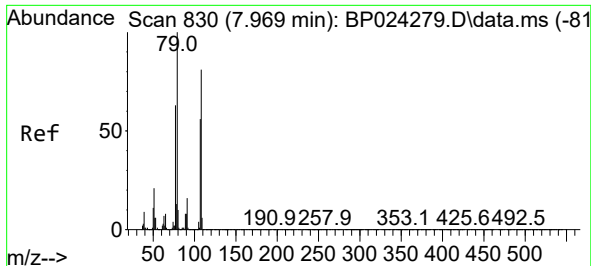
Ion Ratio Lower Upper

146 100

148 64.2 51.0 76.4

111 44.3 33.8 50.8





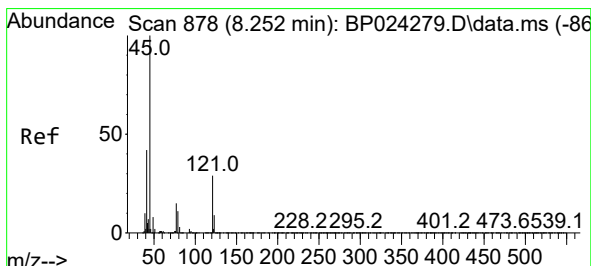
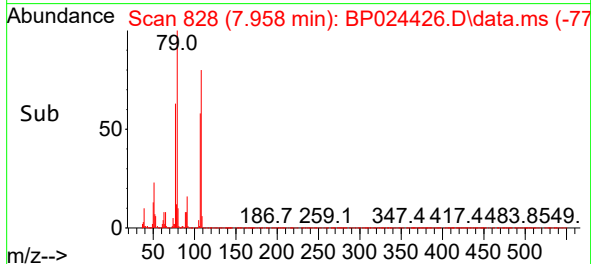
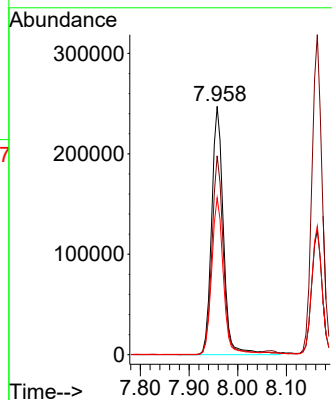
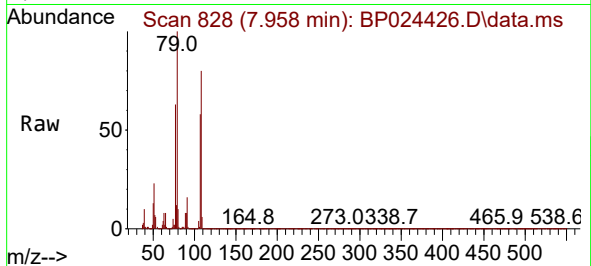
#15
Benzyl Alcohol
Concen: 45.990 ng
RT: 7.958 min Scan# 811
Delta R.T. -0.006 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

Instrument :
BNA_P
ClientSampleId :
VNJ211MSD

Tgt Ion: 79 Resp: 41422
Ion Ratio Lower Upper
79 100
108 80.1 65.1 97.7
77 63.2 50.7 76.1

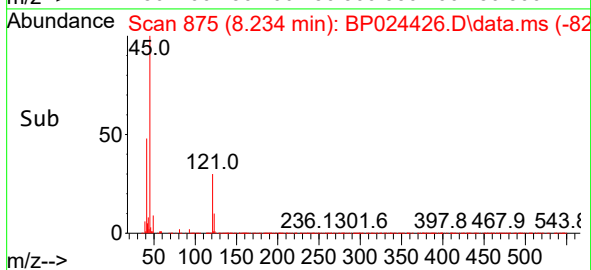
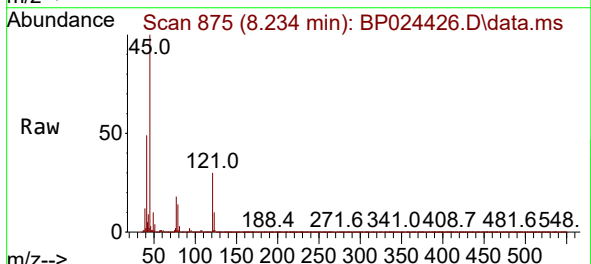
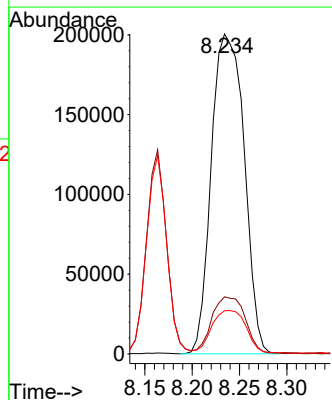
Manual Integrations
APPROVED

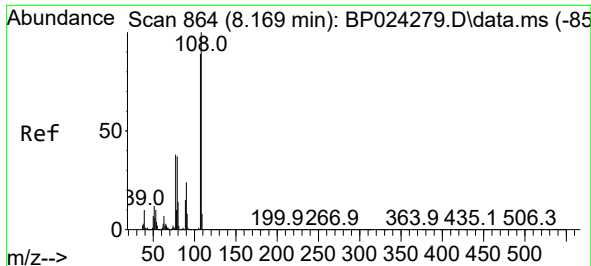
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.669 ng
RT: 8.234 min Scan# 875
Delta R.T. -0.012 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

Tgt Ion: 45 Resp: 482663
Ion Ratio Lower Upper
45 100
77 17.9 0.0 37.7
79 13.5 0.0 33.5





#17
2-Methylphenol
Concen: 46.109 ng
RT: 8.163 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

Instrument :

BNA_P

ClientSampleId :

VNJ211MSD

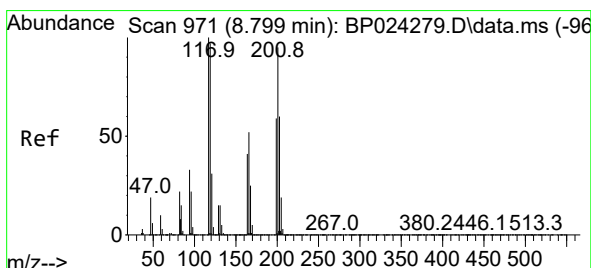
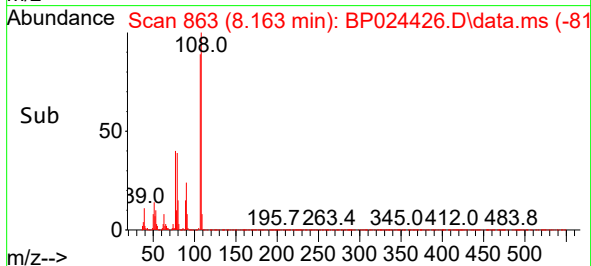
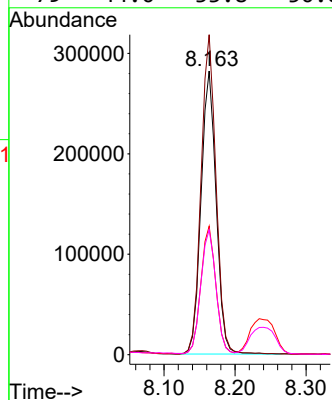
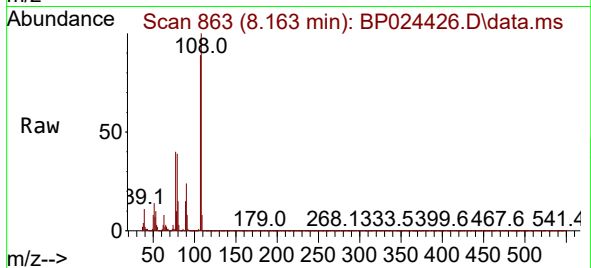
Tgt Ion:107 Resp: 41673
Ion Ratio Lower Upper
107 100
108 112.8 89.8 134.6
77 45.3 34.2 51.4
79 44.0 33.8 50.8

Manual Integrations

APPROVED

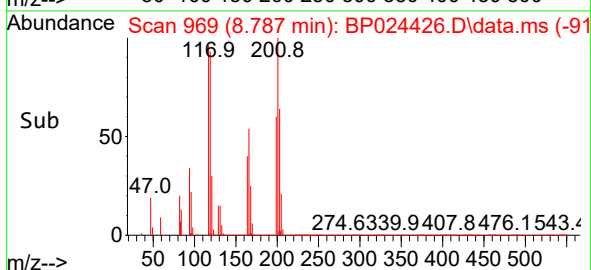
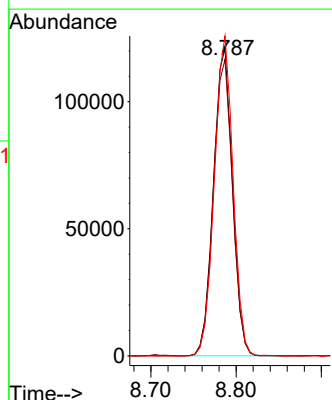
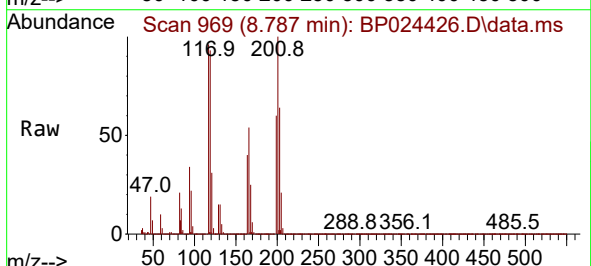
Reviewed By :Rahul Chavli 04/28/2025

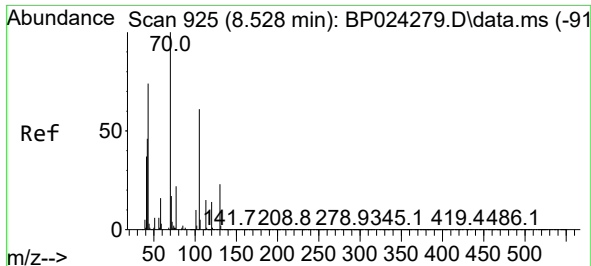
Supervised By :Jagrut Upadhyay 04/28/2025



#18
Hexachloroethane
Concen: 41.884 ng
RT: 8.787 min Scan# 969
Delta R.T. -0.006 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

Tgt Ion:117 Resp: 187760
Ion Ratio Lower Upper
117 100
119 96.3 77.8 116.6
201 103.9 75.9 113.9





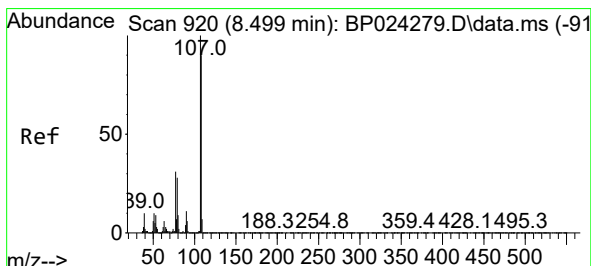
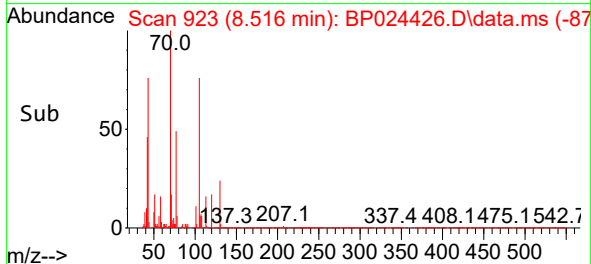
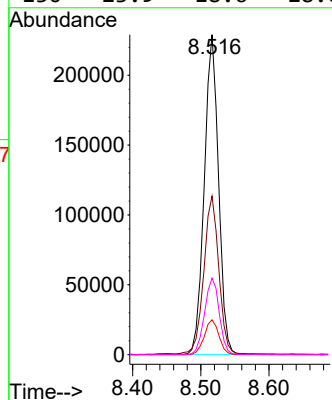
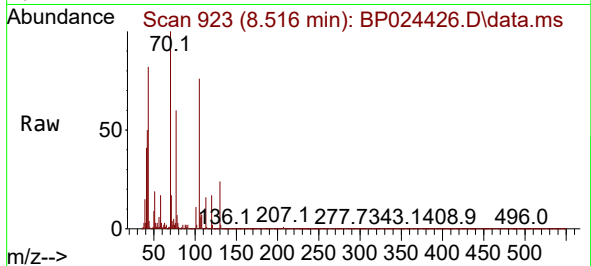
#19
n-Nitroso-di-n-propylamine
Concen: 38.619 ng
RT: 8.516 min Scan# 918
Delta R.T. -0.006 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

Instrument :
BNA_P
ClientSampleId :
VNJ211MSD

Tgt Ion: 70 Resp: 33275
Ion Ratio Lower Upper
70 100
42 49.6 37.3 55.9
101 10.9 8.2 12.4
130 23.9 18.6 28.0

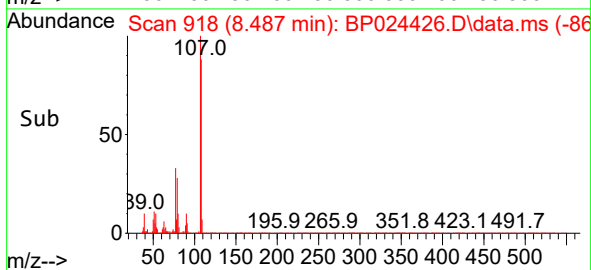
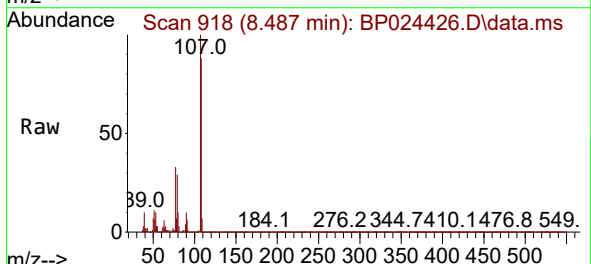
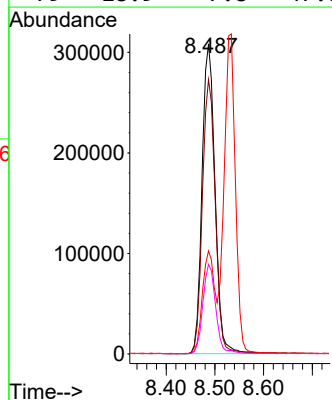
Manual Integrations
APPROVED

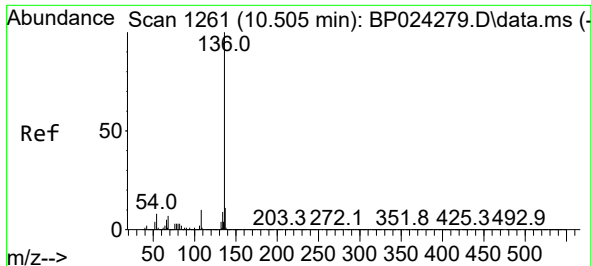
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#20
3+4-Methylphenols
Concen: 45.428 ng
RT: 8.487 min Scan# 918
Delta R.T. -0.006 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

Tgt Ion:107 Resp: 569687
Ion Ratio Lower Upper
107 100
108 88.5 69.8 109.8
77 33.2 11.5 51.5
79 28.9 7.8 47.8





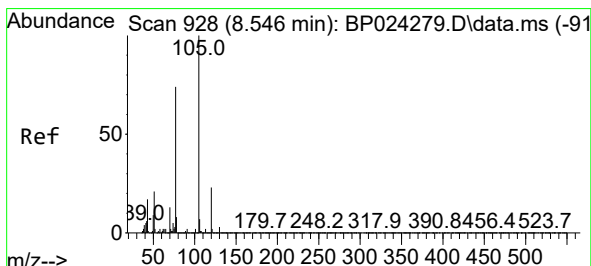
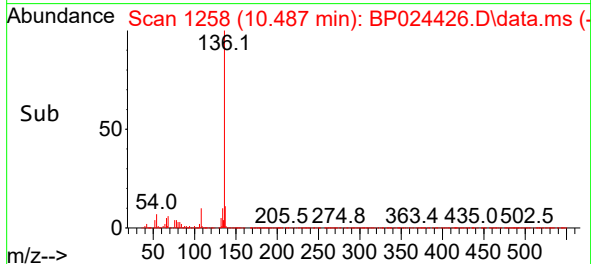
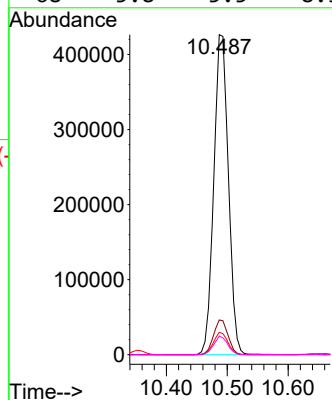
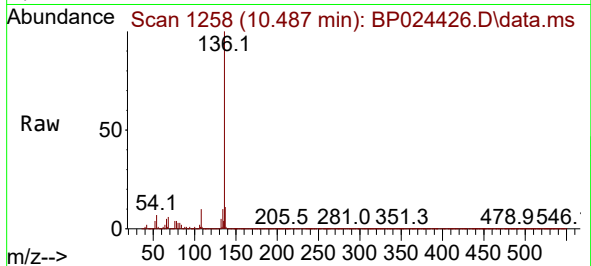
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.012 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

Instrument :
BNA_P
ClientSampleId :
VNJ211MSD

Tgt Ion:136 Resp: 710063
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 7.0 6.0 9.0
68 5.8 5.5 8.3

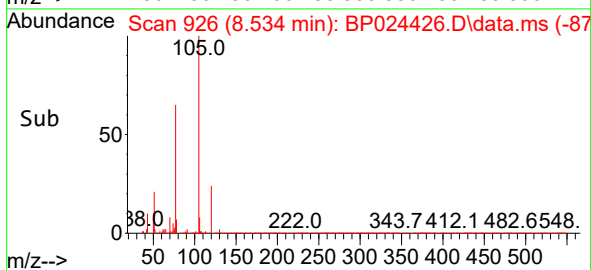
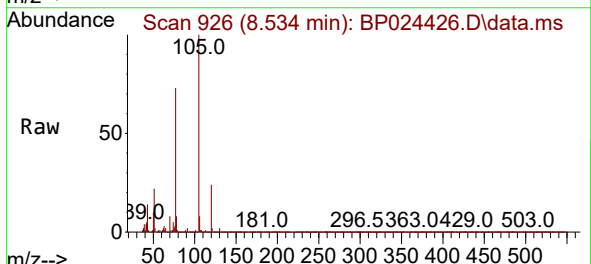
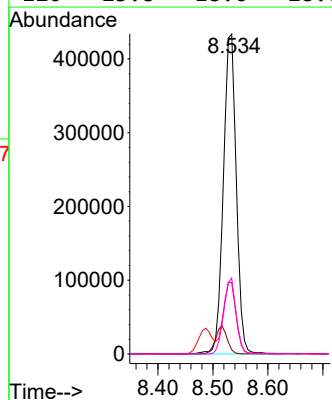
Manual Integrations
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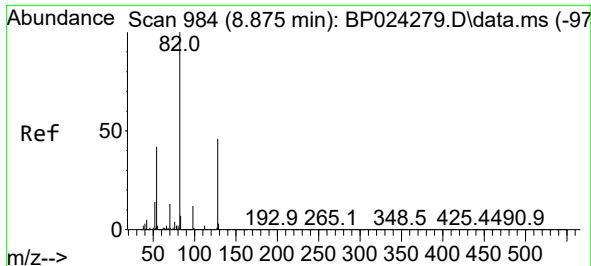
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#22
Acetophenone
Concen: 40.319 ng
RT: 8.534 min Scan# 926
Delta R.T. -0.006 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

Tgt Ion:105 Resp: 708587
Ion Ratio Lower Upper
105 100
71 1.3 1.7 2.5#
51 22.3 16.9 25.3
120 23.8 18.6 28.0





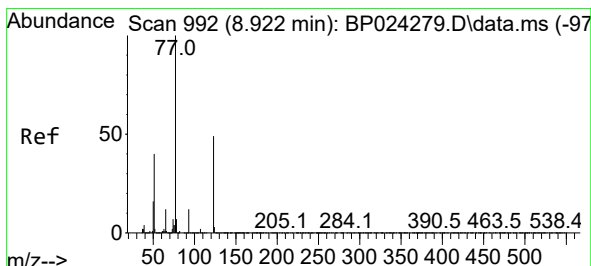
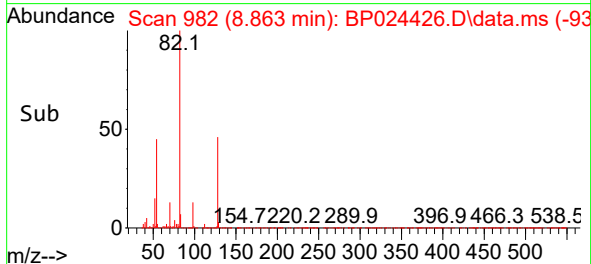
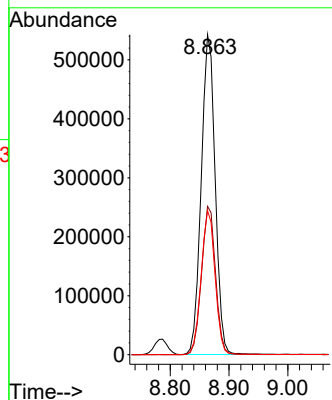
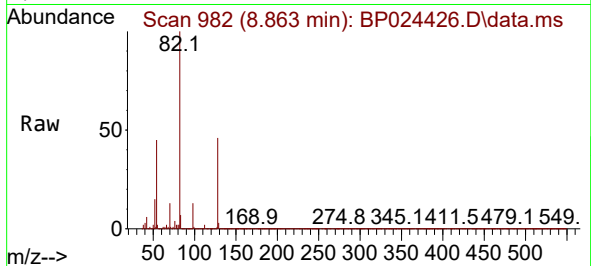
#23
Nitrobenzene-d5
Concen: 71.719 ng
RT: 8.863 min Scan# 982
Delta R.T. -0.006 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

Instrument :
BNA_P
ClientSampleId :
VNJ211MSD

Tgt Ion: 82 Resp: 893083
Ion Ratio Lower Upper
82 100
128 46.4 36.5 54.7
54 45.0 33.4 50.2

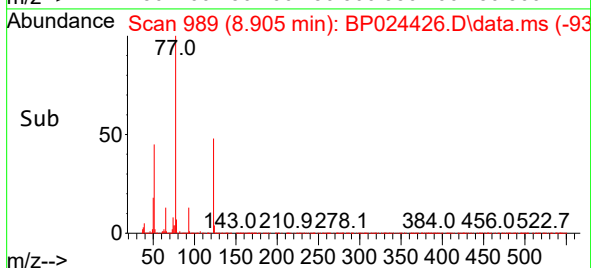
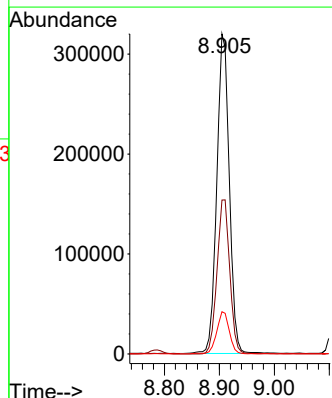
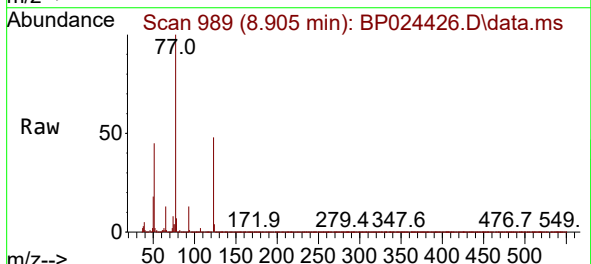
Manual Integrations
APPROVED

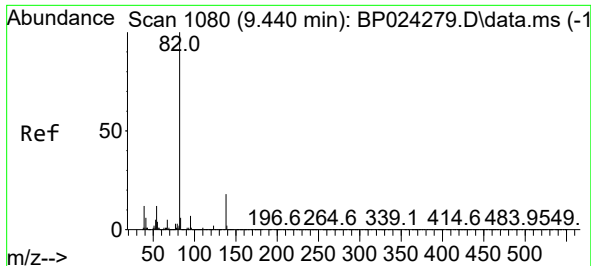
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#24
Nitrobenzene
Concen: 41.073 ng
RT: 8.905 min Scan# 989
Delta R.T. -0.006 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

Tgt Ion: 77 Resp: 505969
Ion Ratio Lower Upper
77 100
123 48.1 39.2 58.8
65 13.2 9.8 14.6





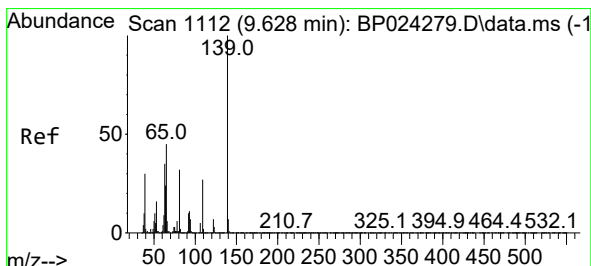
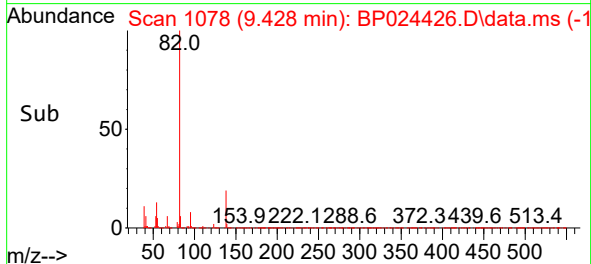
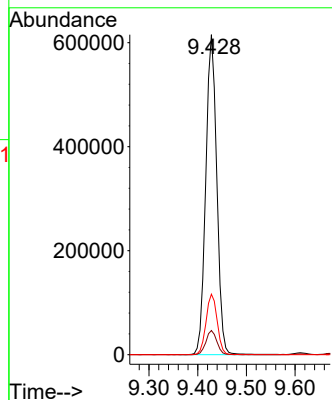
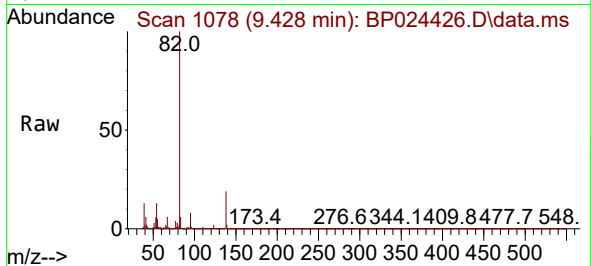
#25
Isophorone
Concen: 42.653 ng
RT: 9.428 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

Instrument :
BNA_P
ClientSampleId :
VNJ211MSD

Tgt Ion: 82 Resp: 961400
Ion Ratio Lower Upper
82 100
95 7.6 5.4 8.2
138 18.9 14.4 21.6

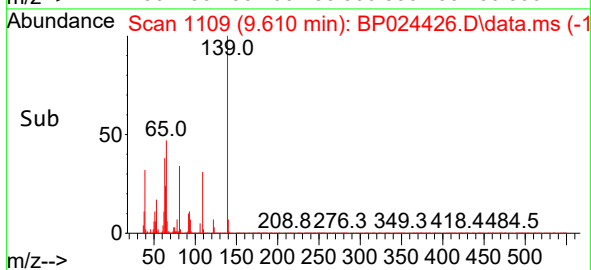
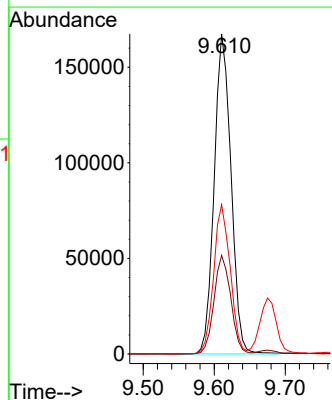
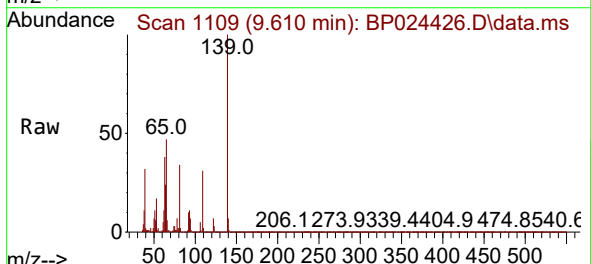
Manual Integrations
APPROVED

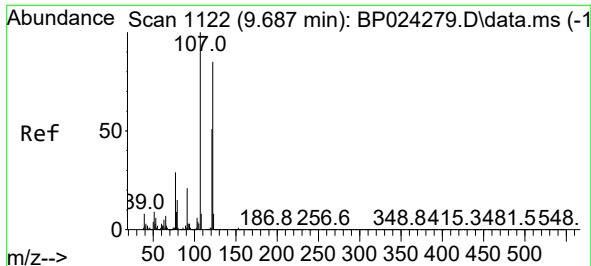
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#26
2-Nitrophenol
Concen: 45.624 ng
RT: 9.610 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

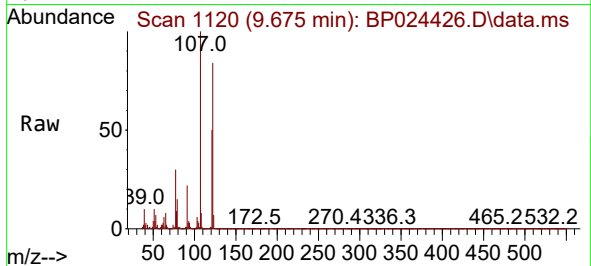
Tgt Ion:139 Resp: 275041
Ion Ratio Lower Upper
139 100
109 30.8 21.8 32.6
65 46.7 36.2 54.2





#27
2,4-Dimethylphenol
Concen: 62.420 ng
RT: 9.675 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

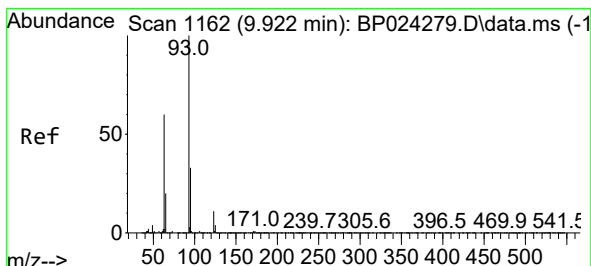
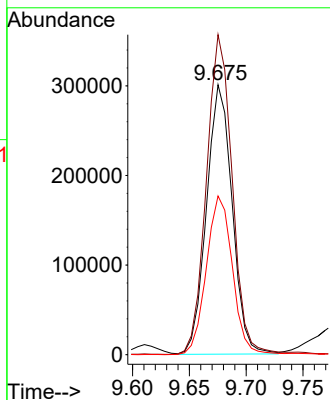
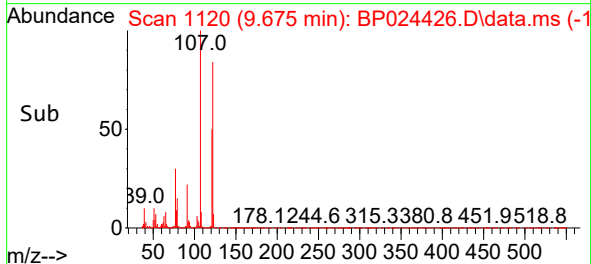
Instrument :
BNA_P
ClientSampleId :
VNJ211MSD



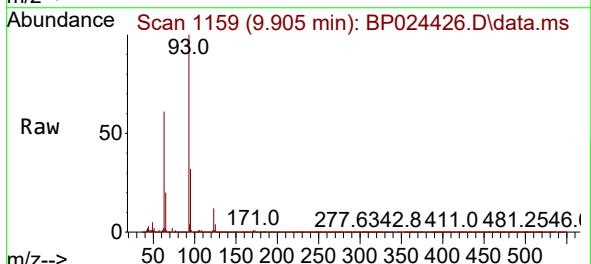
Tgt Ion: 122 Resp: 472490
Ion Ratio Lower Upper
122 100
107 118.5 93.7 140.5
121 58.8 48.2 72.2

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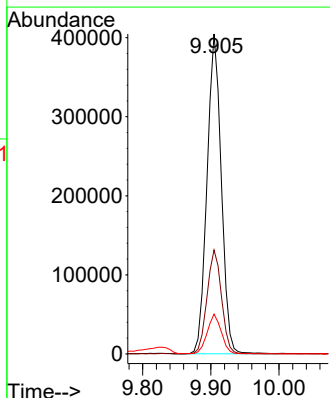
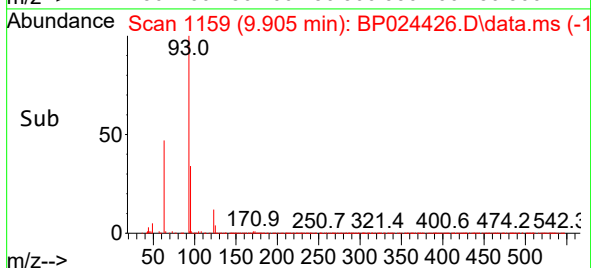
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025

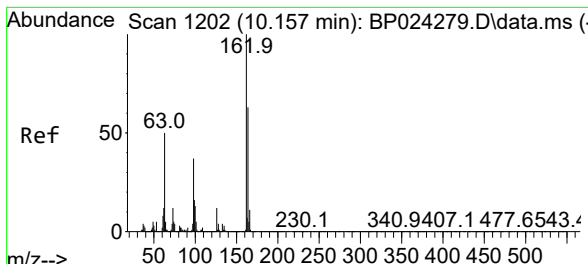


#28
bis(2-Chloroethoxy)methane
Concen: 38.711 ng
RT: 9.905 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11



Tgt Ion: 93 Resp: 589441
Ion Ratio Lower Upper
93 100
95 32.5 26.0 39.0
123 12.5 9.1 13.7





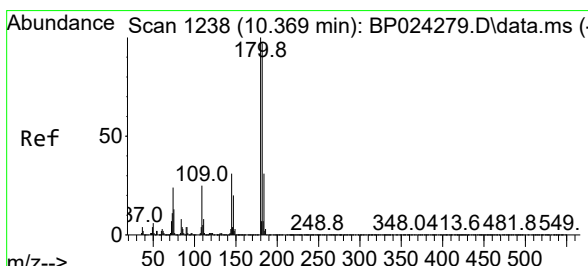
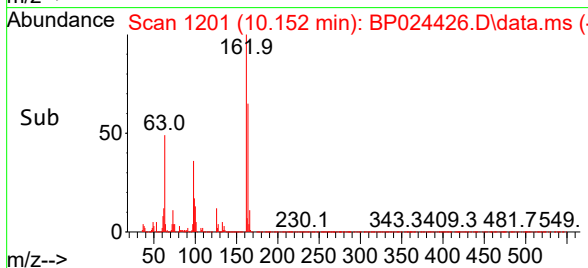
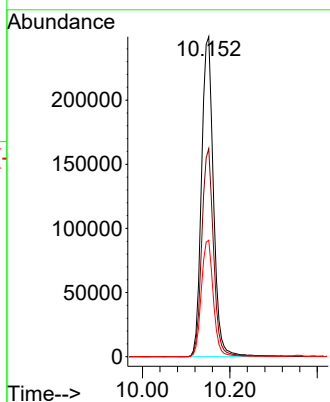
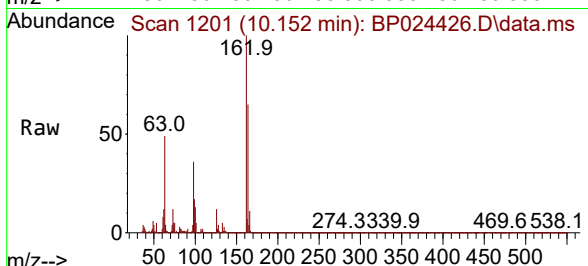
#29
2,4-Dichlorophenol
Concen: 46.101 ng
RT: 10.152 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

Instrument :
BNA_P
ClientSampleId :
VNJ211MSD

Tgt Ion:162 Resp: 47581
Ion Ratio Lower Upper
162 100
164 65.0 43.3 83.3
98 36.4 16.6 56.6

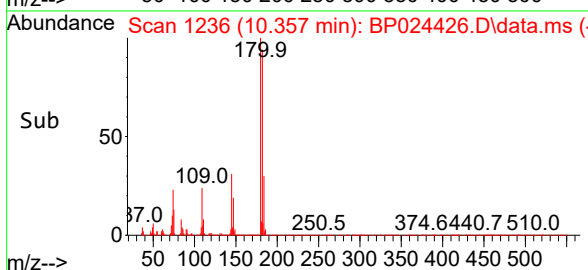
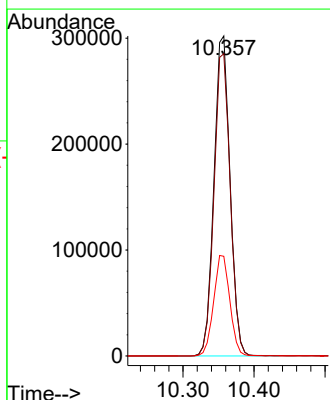
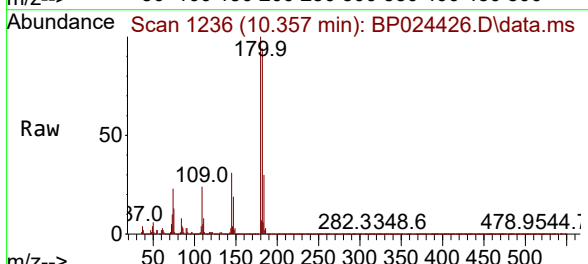
Manual Integrations
APPROVED

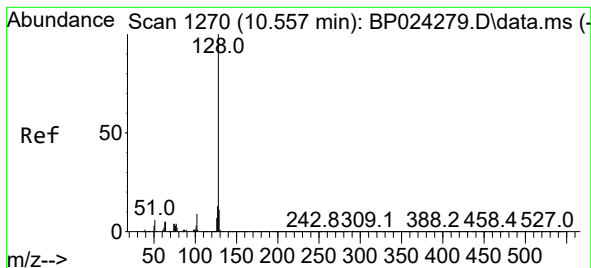
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#30
1,2,4-Trichlorobenzene
Concen: 42.871 ng
RT: 10.357 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

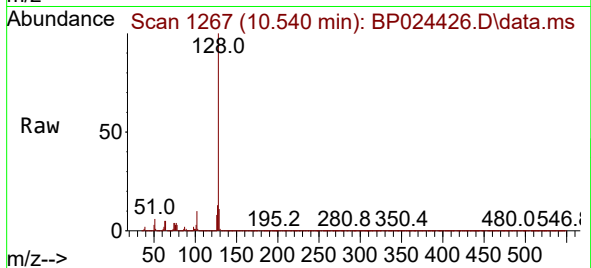
Tgt Ion:180 Resp: 474073
Ion Ratio Lower Upper
180 100
182 94.4 77.3 115.9
145 31.1 25.1 37.7





#31
Naphthalene
Concen: 40.156 ng
RT: 10.540 min Scan# 1267
Delta R.T. -0.006 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

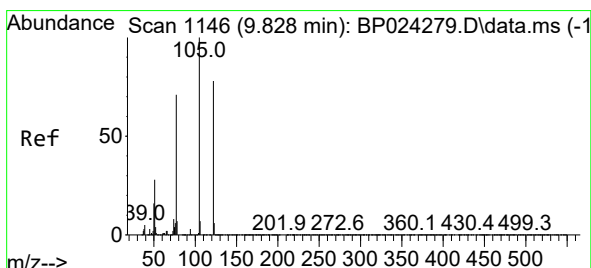
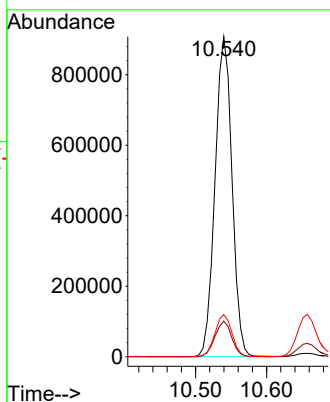
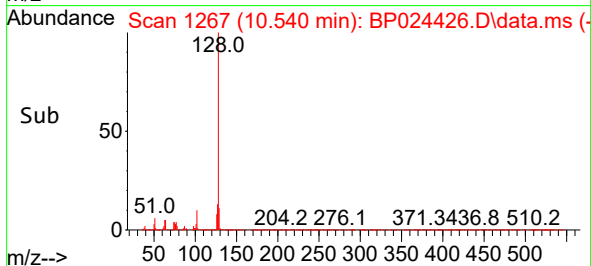
Instrument :
BNA_P
ClientSampleId :
VNJ211MSD



Tgt Ion:128 Resp: 150198
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.2 10.3 15.5

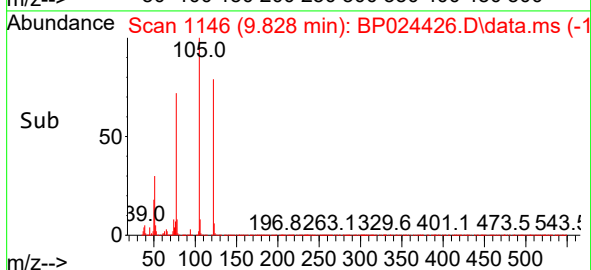
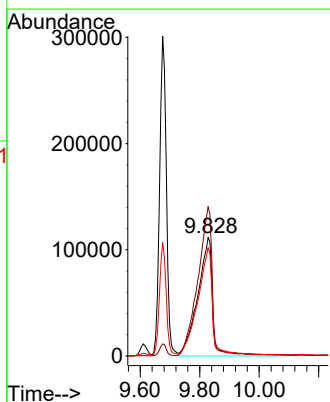
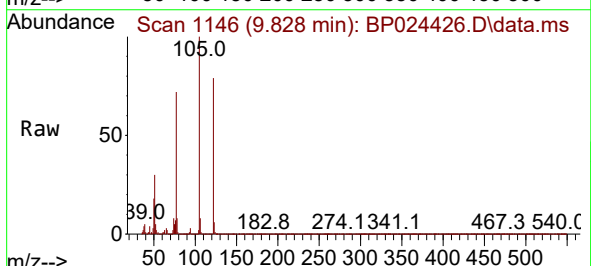
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APPROVED

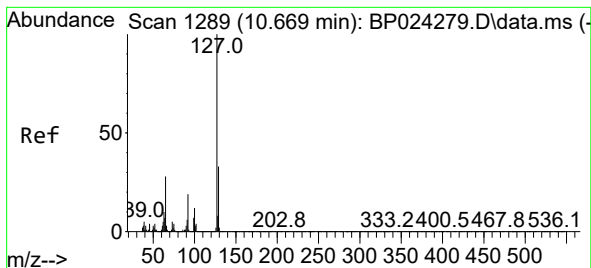
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#32
Benzoic acid
Concen: 44.124 ng m
RT: 9.828 min Scan# 1146
Delta R.T. 0.006 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

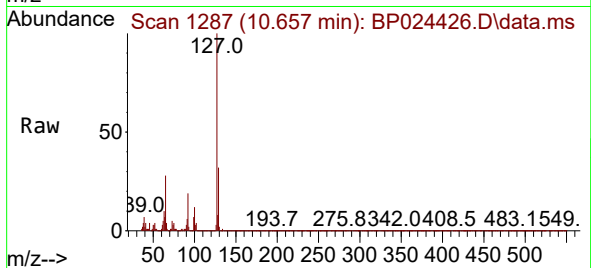
Tgt Ion:122 Resp: 389177
Ion Ratio Lower Upper
122 100
105 125.9 104.8 144.8
77 91.3 69.2 109.2





#33
4-Chloroaniline
Concen: 18.295 ng
RT: 10.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

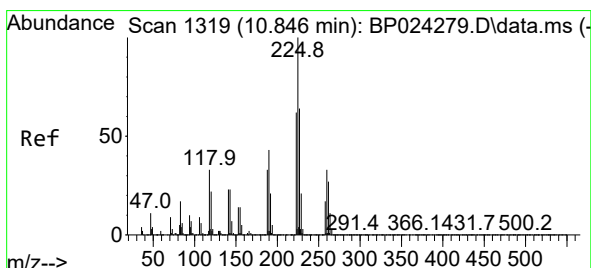
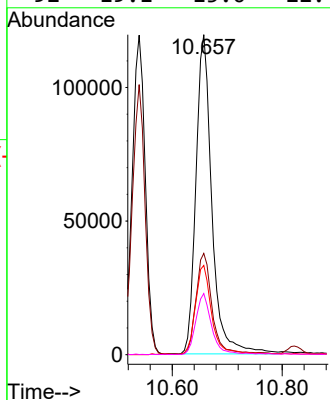
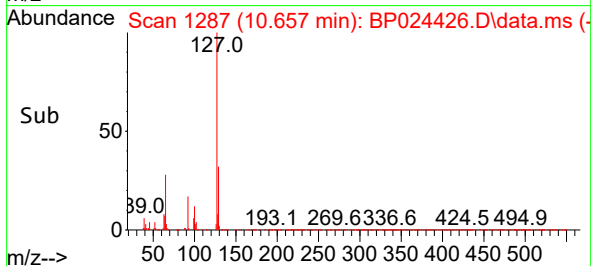
Instrument :
BNA_P
ClientSampleId :
VNJ211MSD



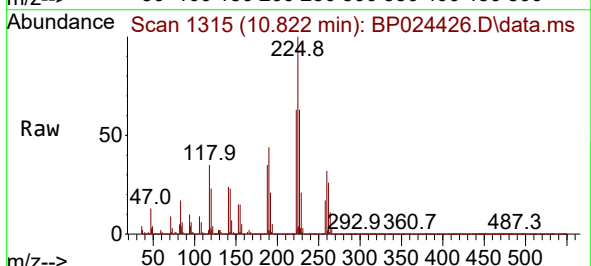
Tgt Ion:127 Resp: 240979
Ion Ratio Lower Upper
127 100
129 31.6 26.1 39.1
65 27.9 22.1 33.1
92 19.1 15.0 22.4

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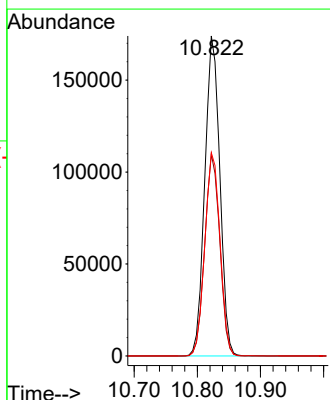
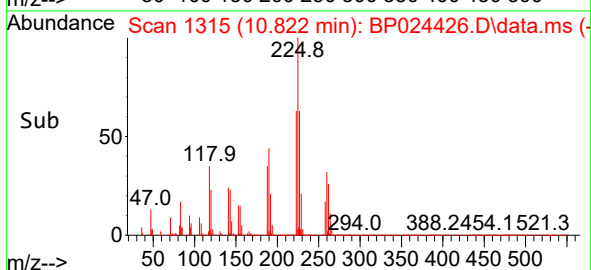
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025

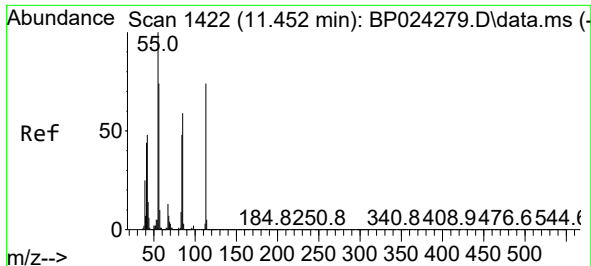


#34
Hexachlorobutadiene
Concen: 44.346 ng
RT: 10.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11



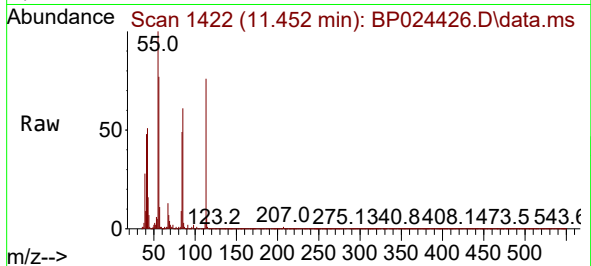
Tgt Ion:225 Resp: 288169
Ion Ratio Lower Upper
225 100
223 63.0 49.5 74.3
227 63.5 50.9 76.3





#35
Caprolactam
Concen: 45.239 ng
RT: 11.452 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

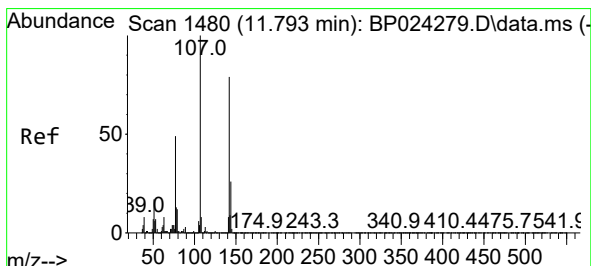
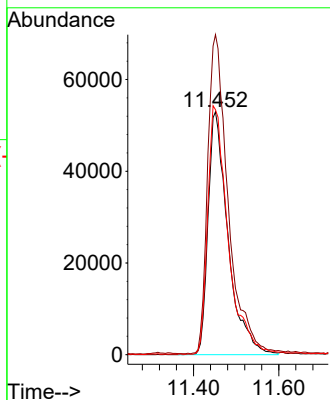
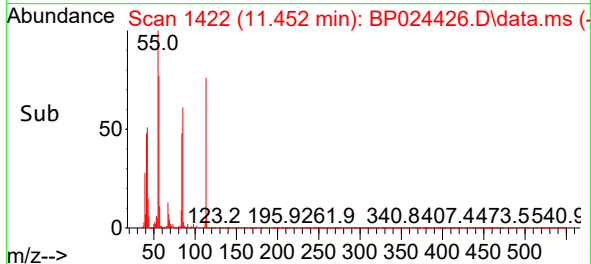
Instrument :
BNA_P
ClientSampleId :
VNJ211MSD



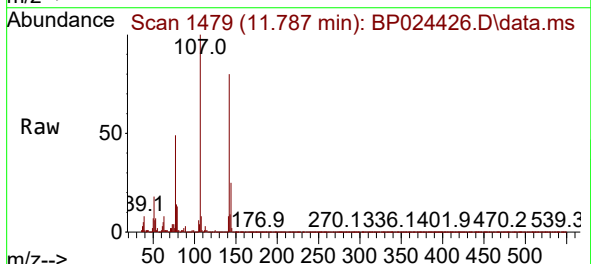
Tgt Ion:113 Resp: 17228
Ion Ratio Lower Upper
113 100
55 131.7 115.9 155.9
56 100.8 81.1 121.1

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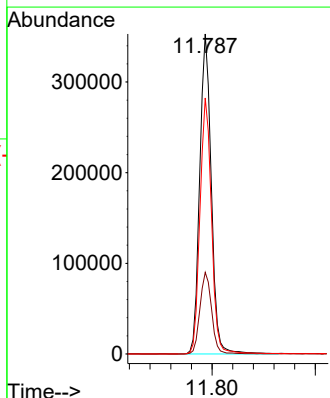
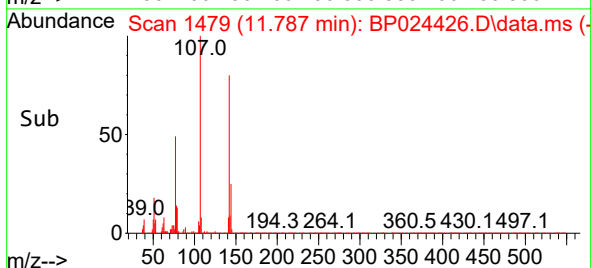
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025

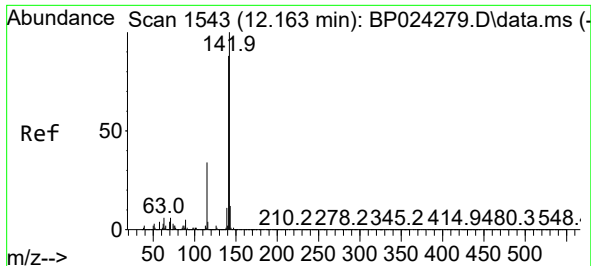


#36
4-Chloro-3-methylphenol
Concen: 45.622 ng
RT: 11.787 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11



Tgt Ion:107 Resp: 548449
Ion Ratio Lower Upper
107 100
144 25.5 20.5 30.7
142 80.0 63.4 95.2





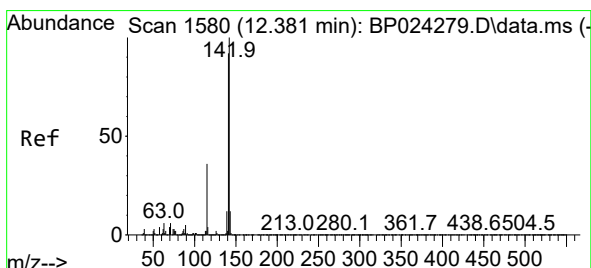
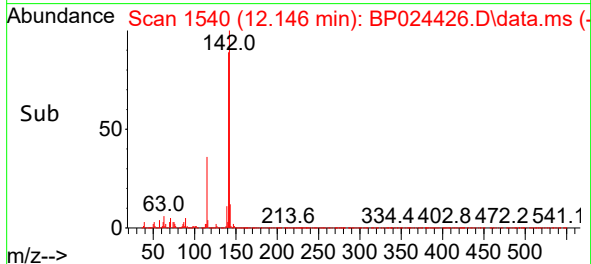
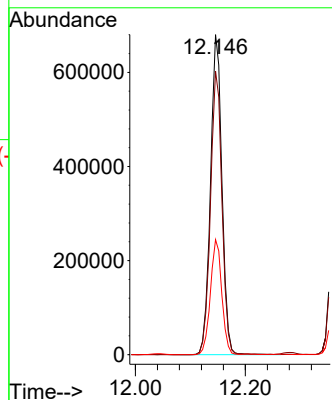
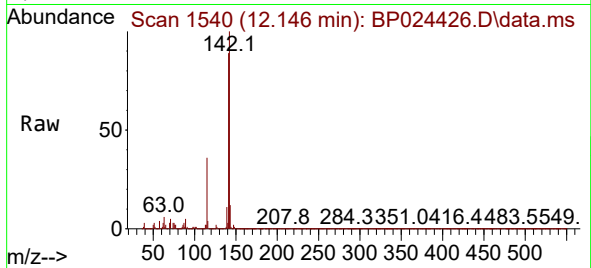
#37
2-Methylnaphthalene
Concen: 37.818 ng
RT: 12.146 min Scan# 1540
Delta R.T. -0.012 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

Instrument :
BNA_P
ClientSampleId :
VNJ211MSD

Tgt Ion:142 Resp: 981009
Ion Ratio Lower Upper
142 100
141 88.6 70.3 105.5
115 36.0 26.9 40.3

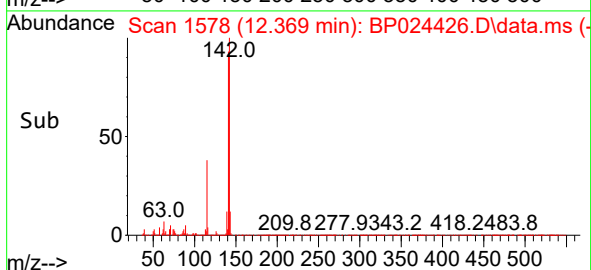
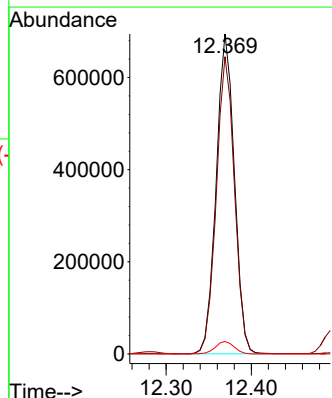
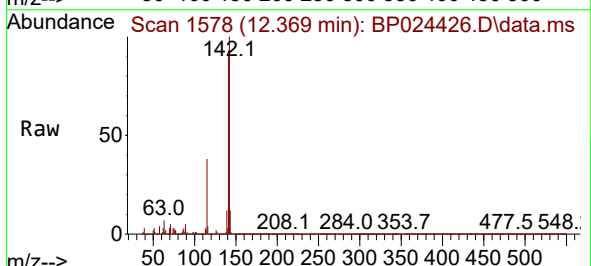
Manual Integrations
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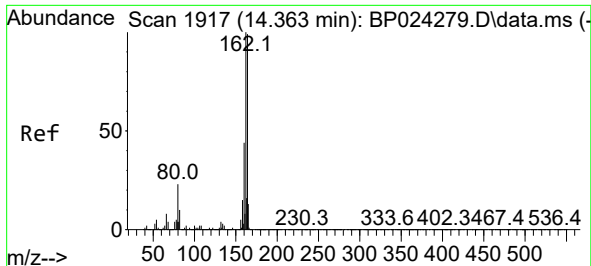
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#38
1-Methylnaphthalene
Concen: 40.536 ng
RT: 12.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

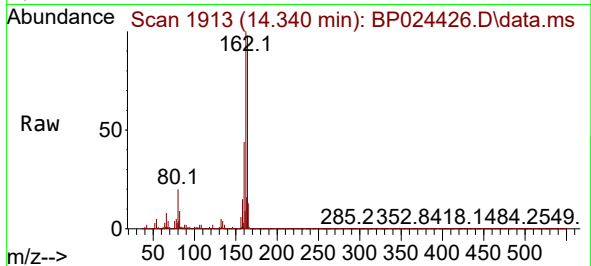
Tgt Ion:142 Resp: 1028646
Ion Ratio Lower Upper
142 100
141 92.9 73.6 110.4
116 3.9 3.0 4.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.340 min Scan# 1917
Delta R.T. -0.012 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

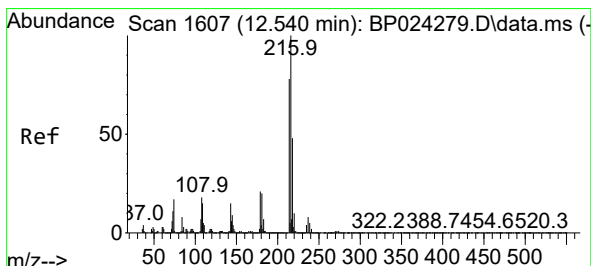
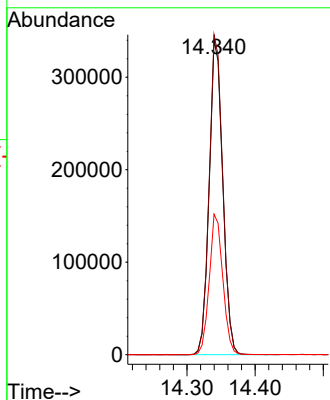
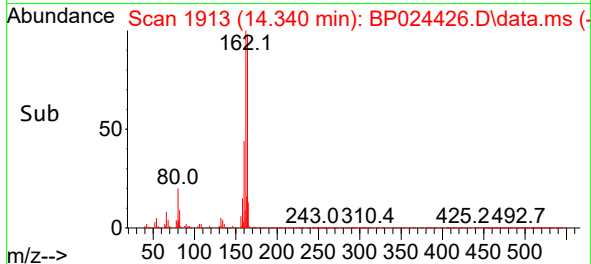
Instrument :
BNA_P
ClientSampleId :
VNJ211MSD



Tgt Ion:164 Resp: 470962
Ion Ratio Lower Upper
164 100
162 101.8 80.6 120.8
160 44.7 35.3 52.9

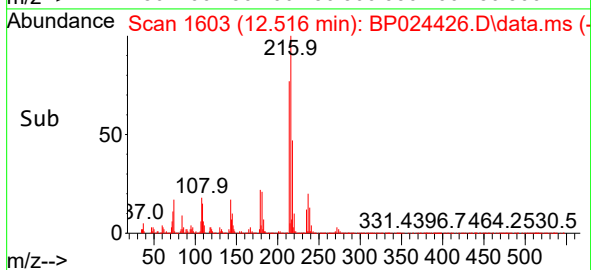
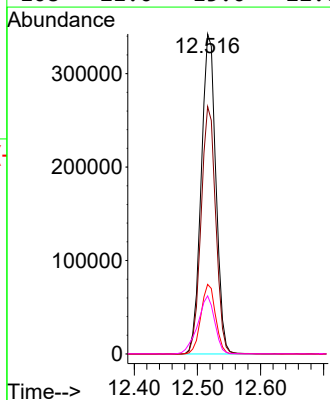
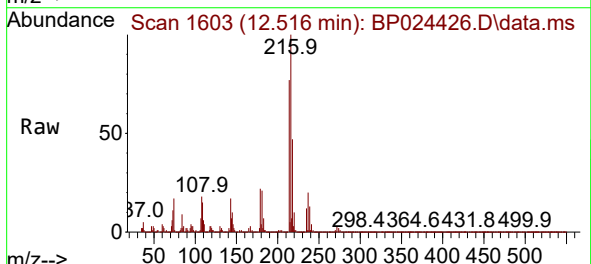
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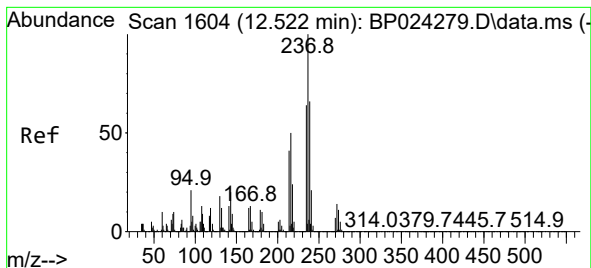
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.578 ng
RT: 12.516 min Scan# 1603
Delta R.T. -0.012 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

Tgt Ion:216 Resp: 551448
Ion Ratio Lower Upper
216 100
214 77.4 62.6 93.8
179 21.8 17.2 25.8
108 21.0 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 143.564 ng

RT: 12.499 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP024426.D

Acq: 25 Apr 2025 17:11

Instrument :

BNA_P

ClientSampleId :

VNJ211MSD

Tgt Ion:237 Resp: 65761

Ion Ratio Lower Upper

237 100

235 61.2 43.9 83.9

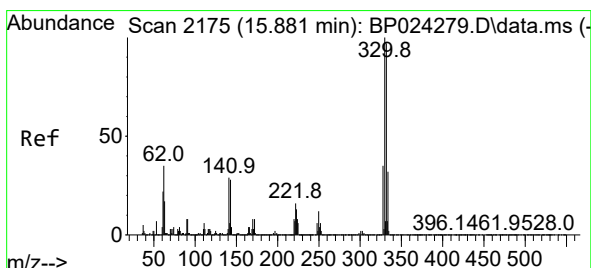
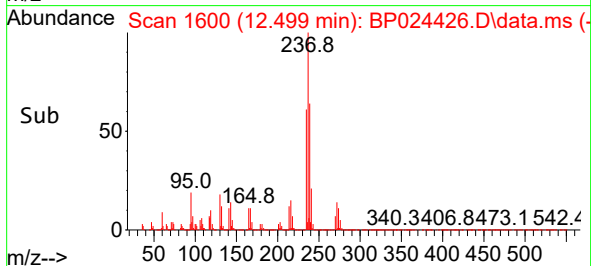
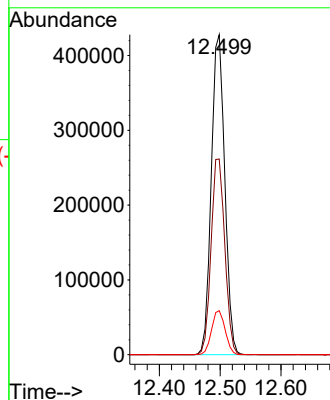
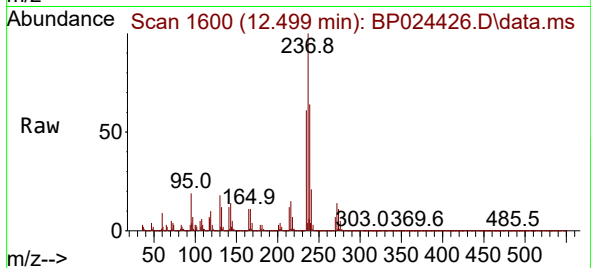
272 13.8 0.0 33.6

Manual Integrations

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Reviewed By :Rahul Chavli 04/28/2025

Supervised By :Jagrut Upadhyay 04/28/2025



#42

2,4,6-Tribromophenol

Concen: 132.863 ng

RT: 15.863 min Scan# 2172

Delta R.T. 0.000 min

Lab File: BP024426.D

Acq: 25 Apr 2025 17:11

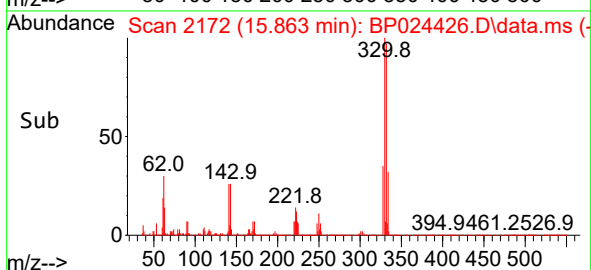
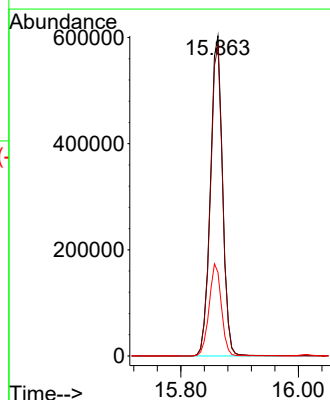
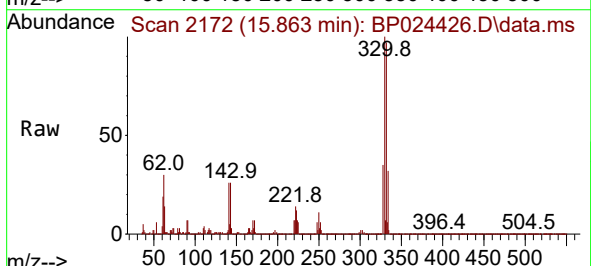
Tgt Ion:330 Resp: 865737

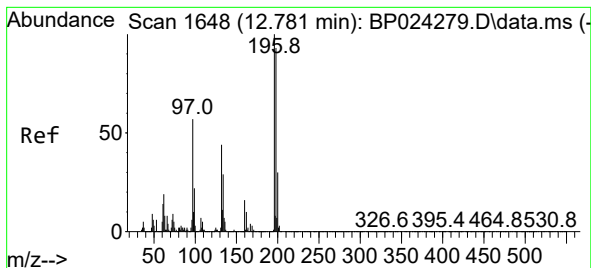
Ion Ratio Lower Upper

330 100

332 97.0 77.1 115.7

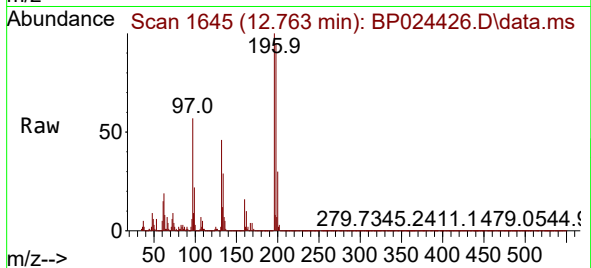
141 29.0 24.7 37.1





#43
2,4,6-Trichlorophenol
Concen: 46.304 ng
RT: 12.763 min Scan# 1645
Delta R.T. -0.012 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

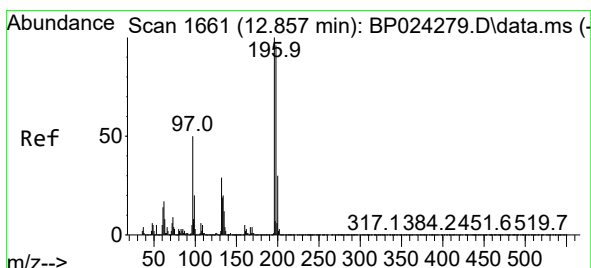
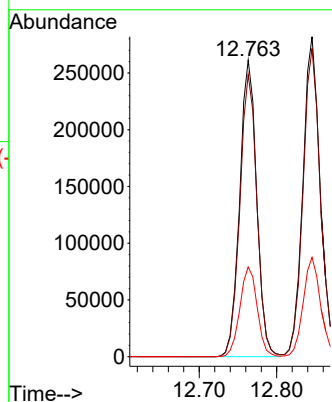
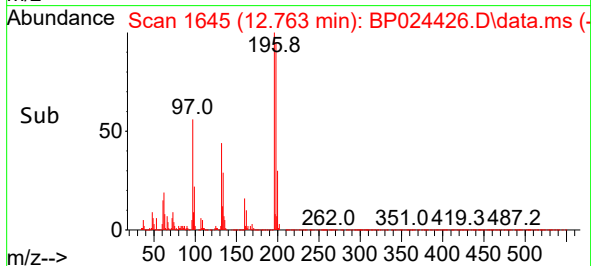
Instrument :
BNA_P
ClientSampleId :
VNJ211MSD



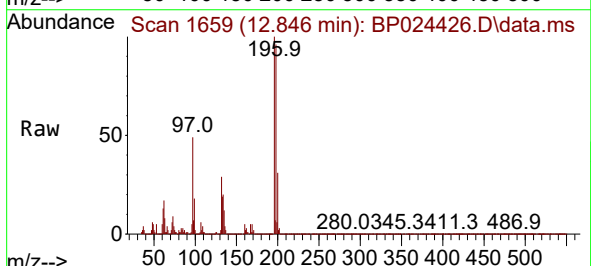
Tgt Ion:196 Resp: 398719
Ion Ratio Lower Upper
196 100
198 95.1 74.3 111.5
200 30.2 24.0 36.0

Manual Integrations
APPROVED

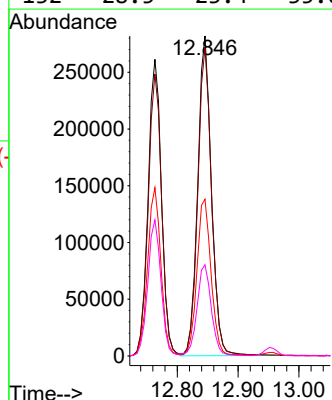
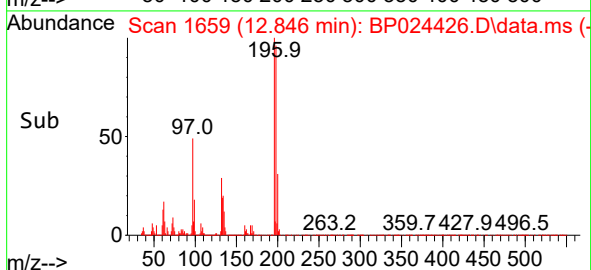
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025

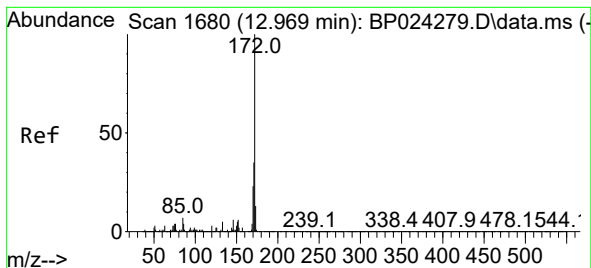


#44
2,4,5-Trichlorophenol
Concen: 46.438 ng
RT: 12.846 min Scan# 1659
Delta R.T. -0.012 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11



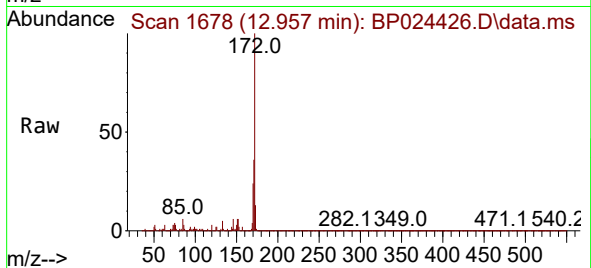
Tgt Ion:196 Resp: 442806
Ion Ratio Lower Upper
196 100
198 96.3 77.3 115.9
97 49.0 40.4 60.6
132 28.5 23.4 35.0





#45
2-Fluorobiphenyl
Concen: 67.799 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.006 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

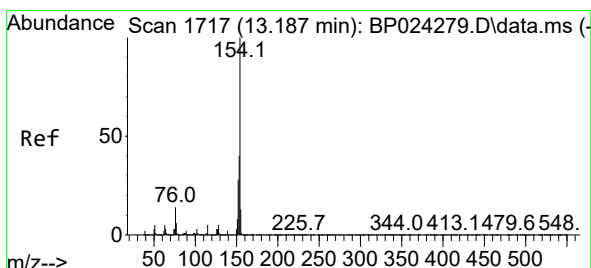
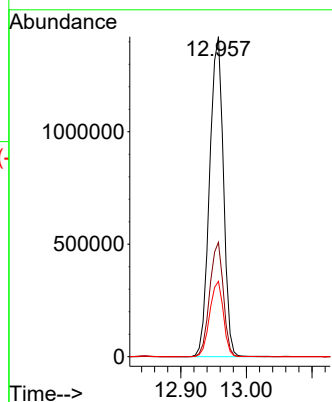
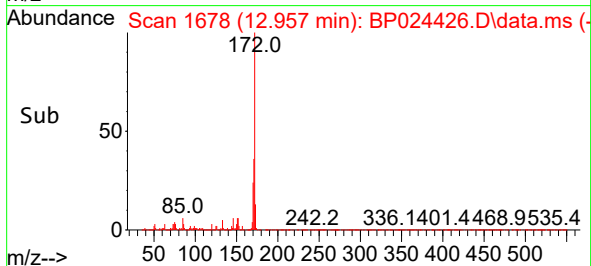
Instrument :
BNA_P
ClientSampleId :
VNJ211MSD



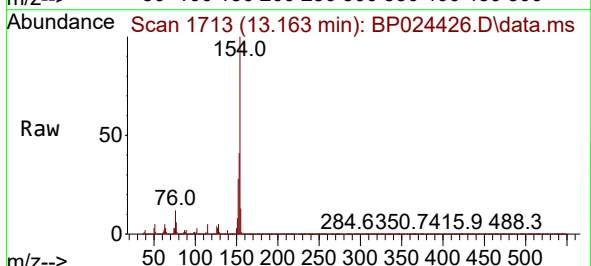
Tgt Ion:172 Resp: 208547
Ion Ratio Lower Upper
172 100
171 35.8 28.2 42.2
170 23.6 18.6 27.8

Manual Integrations
APPROVED

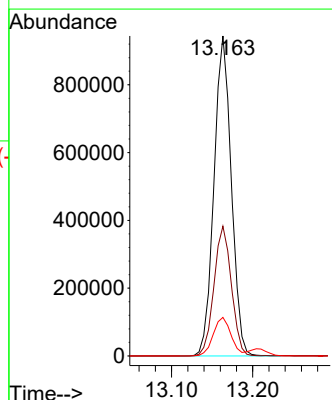
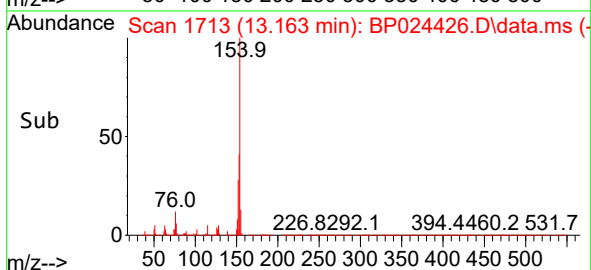
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025

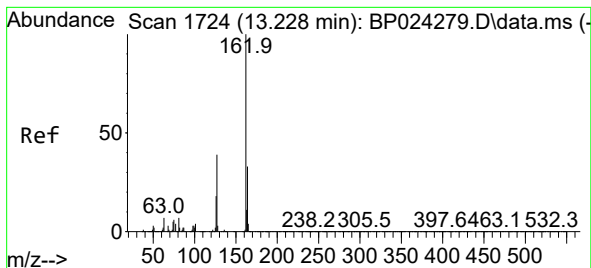


#46
1,1'-Biphenyl
Concen: 40.408 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.012 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11



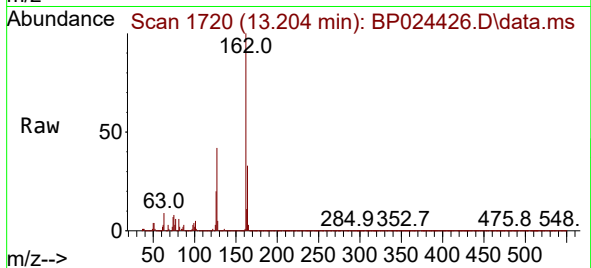
Tgt Ion:154 Resp: 1398867
Ion Ratio Lower Upper
154 100
153 40.6 20.3 60.3
76 12.0 0.0 33.5





#47
2-Chloronaphthalene
Concen: 41.585 ng
RT: 13.204 min Scan# 1720
Delta R.T. -0.012 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

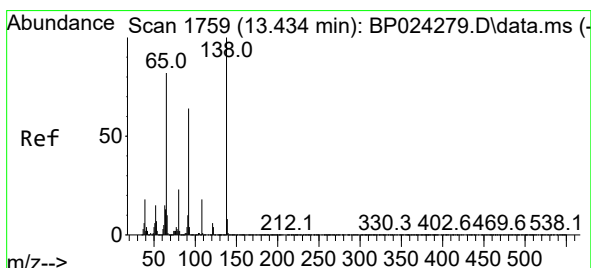
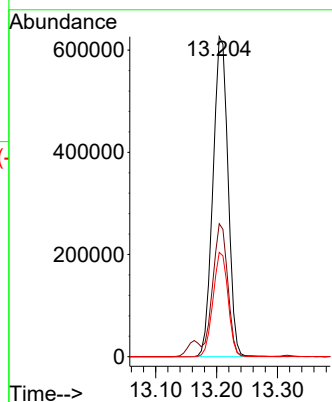
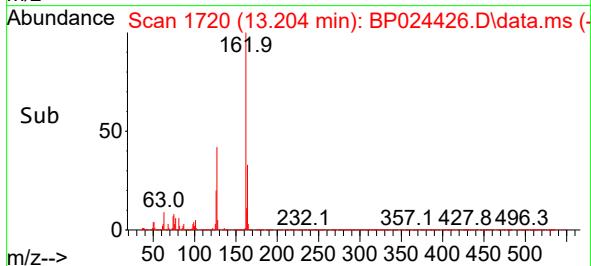
Instrument :
BNA_P
ClientSampleId :
VNJ211MSD



Tgt Ion:162 Resp: 1075944
Ion Ratio Lower Upper
162 100
127 41.5 31.9 47.9
164 32.6 26.2 39.4

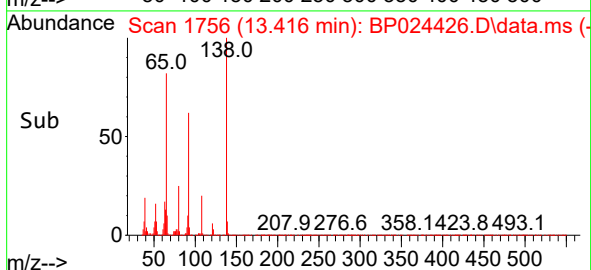
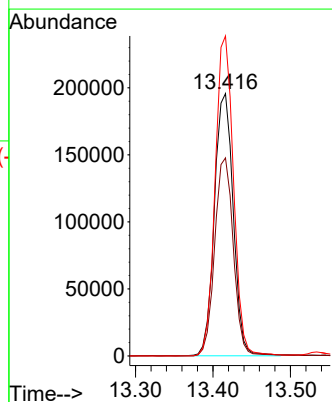
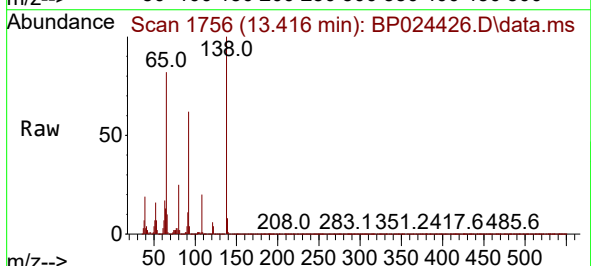
Manual Integrations
APPROVED

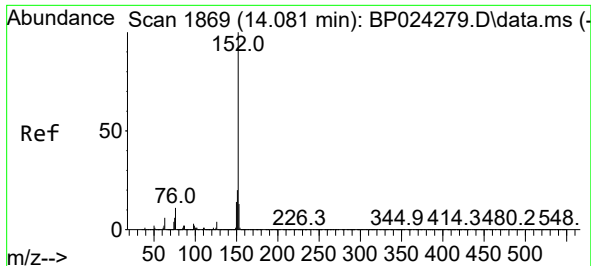
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#48
2-Nitroaniline
Concen: 45.537 ng
RT: 13.416 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

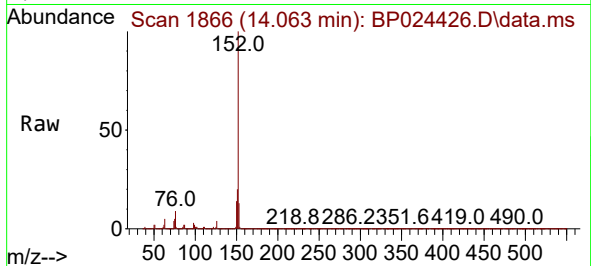
Tgt Ion: 65 Resp: 330488
Ion Ratio Lower Upper
65 100
92 75.5 62.3 93.5
138 121.9 97.2 145.8





#49
Acenaphthylene
Concen: 44.735 ng
RT: 14.063 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

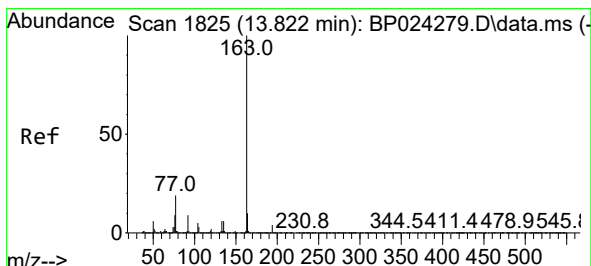
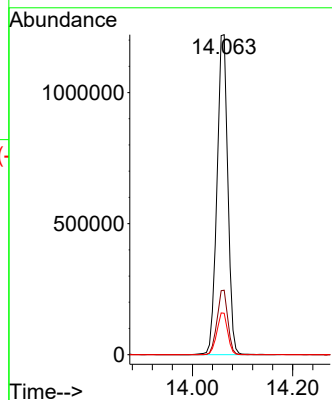
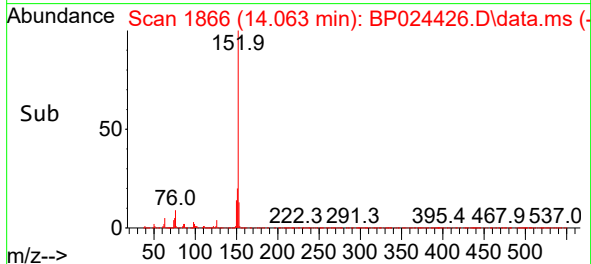
Instrument :
BNA_P
ClientSampleId :
VNJ211MSD



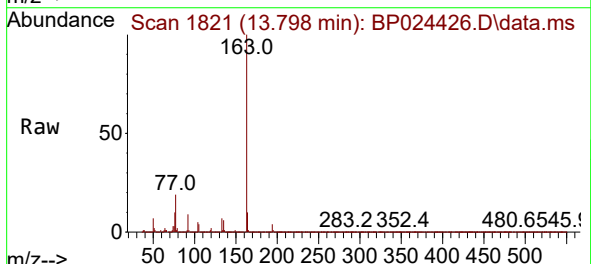
Tgt Ion:152 Resp: 1822292
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.0 10.6 15.8

Manual Integrations
APPROVED

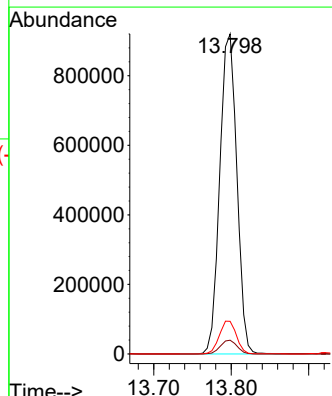
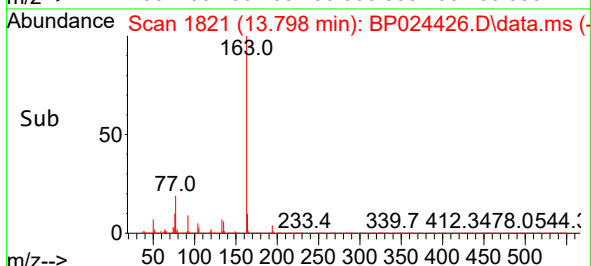
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025

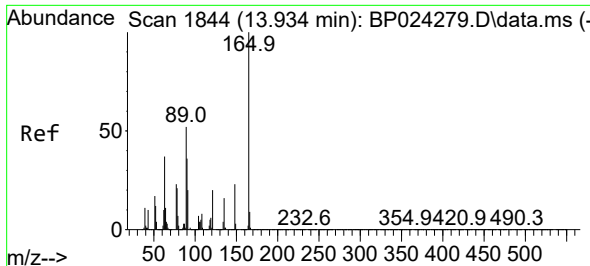


#50
Dimethylphthalate
Concen: 41.076 ng
RT: 13.798 min Scan# 1821
Delta R.T. -0.012 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11



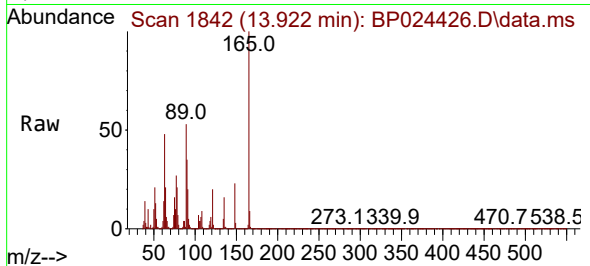
Tgt Ion:163 Resp: 1406830
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.2 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 44.098 ng
RT: 13.922 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

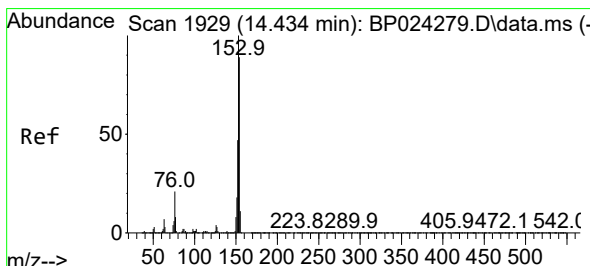
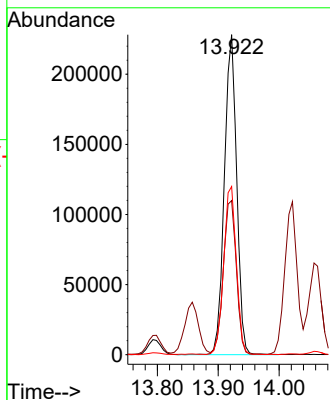
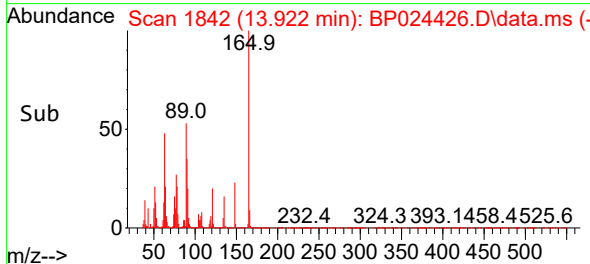
Instrument :
BNA_P
ClientSampleId :
VNJ211MSD



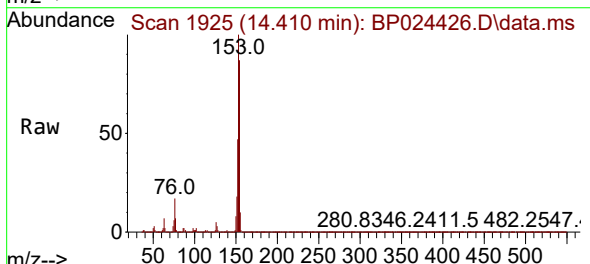
Tgt Ion:165 Resp: 320718
Ion Ratio Lower Upper
165 100
63 48.2 38.0 57.0
89 52.6 41.7 62.5

Manual Integrations
APPROVED

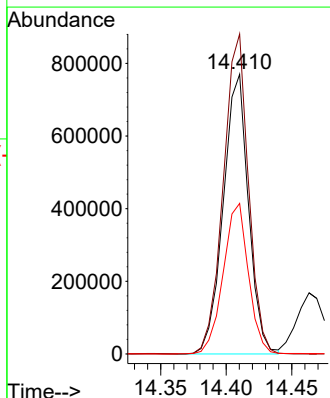
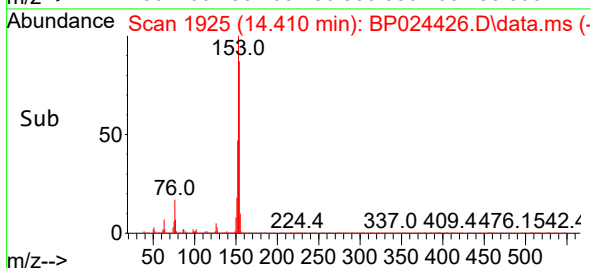
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025

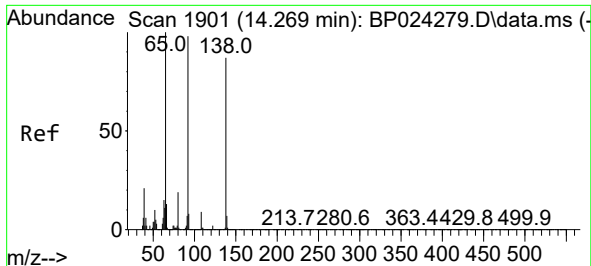


#52
Acenaphthene
Concen: 39.882 ng
RT: 14.410 min Scan# 1925
Delta R.T. -0.012 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11



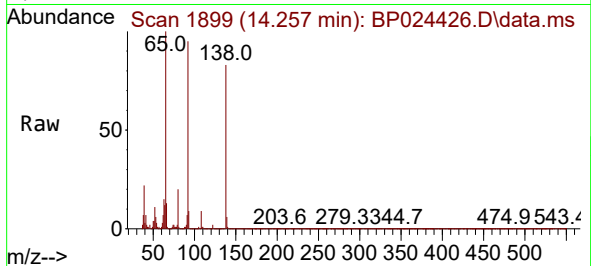
Tgt Ion:154 Resp: 1029964
Ion Ratio Lower Upper
154 100
153 114.4 89.8 134.6
152 53.8 42.6 63.8





#53
3-Nitroaniline
Concen: 32.285 ng
RT: 14.257 min Scan# 1899
Delta R.T. -0.006 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

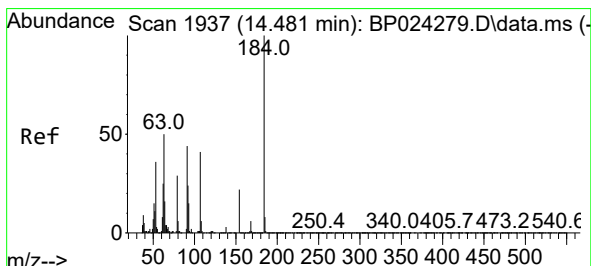
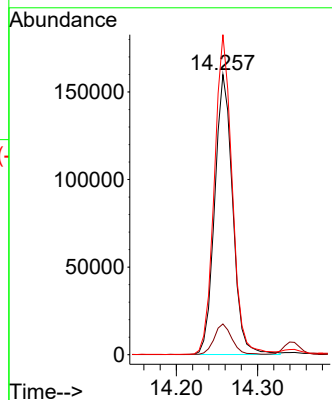
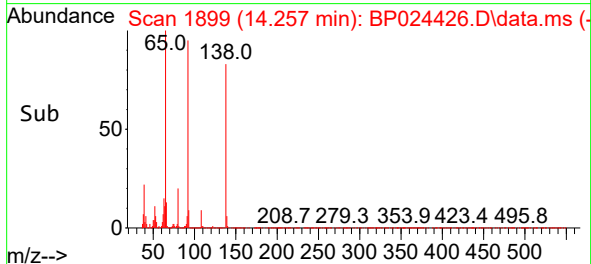
Instrument :
BNA_P
ClientSampleId :
VNJ211MSD



Tgt Ion:138 Resp: 24678
Ion Ratio Lower Upper
138 100
108 11.0 8.3 12.5
92 114.2 89.8 134.8

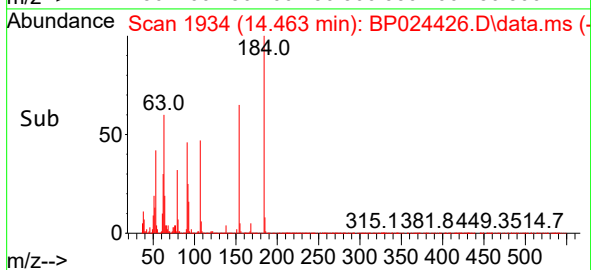
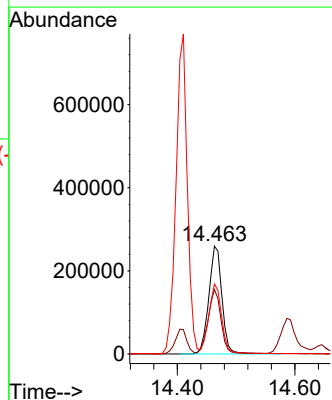
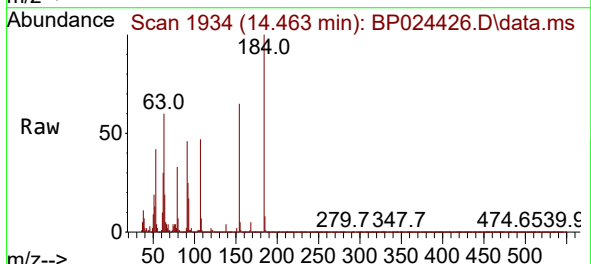
Manual Integrations
APPROVED

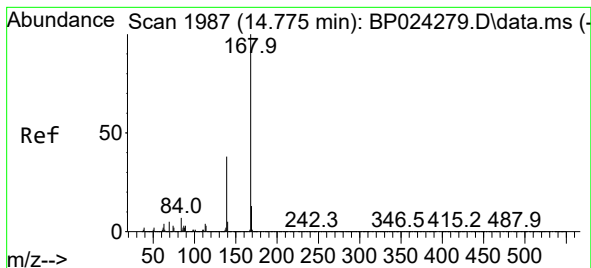
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#54
2,4-Dinitrophenol
Concen: 94.212 ng
RT: 14.463 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

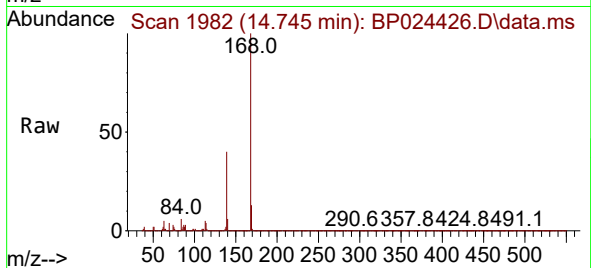
Tgt Ion:184 Resp: 403605
Ion Ratio Lower Upper
184 100
63 59.8 42.6 64.0
154 64.9 47.2 70.8





#55
Dibenzenofuran
Concen: 39.770 ng
RT: 14.745 min Scan# 1982
Delta R.T. -0.012 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

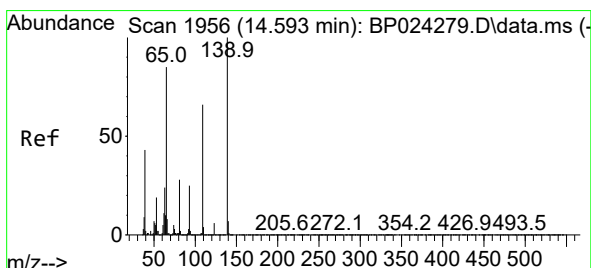
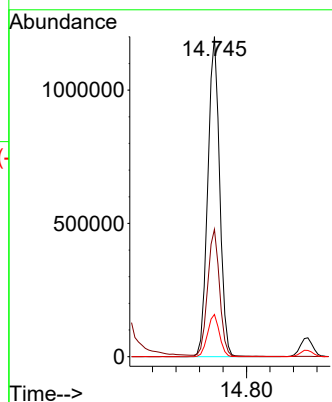
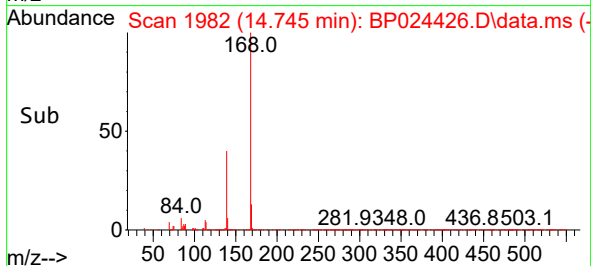
Instrument :
BNA_P
ClientSampleId :
VNJ211MSD



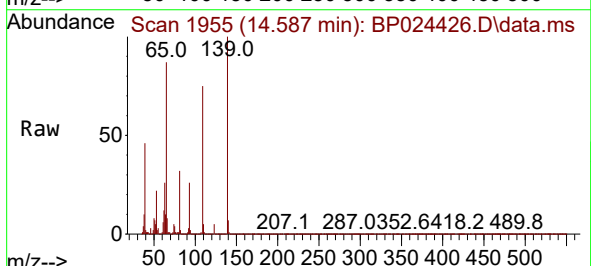
Tgt Ion:168 Resp: 167880
Ion Ratio Lower Upper
168 100
139 39.8 30.3 45.5
169 13.2 10.6 16.0

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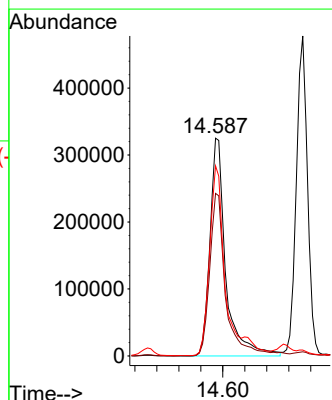
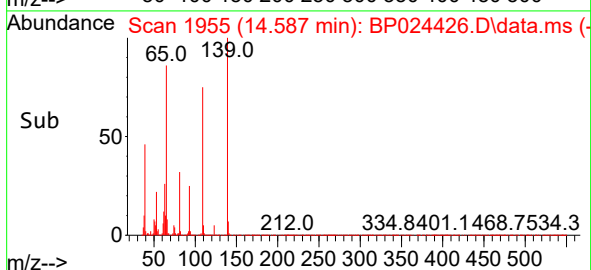
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025

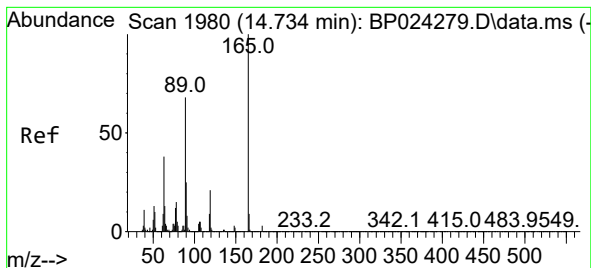


#56
4-Nitrophenol
Concen: 98.468 ng
RT: 14.587 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11



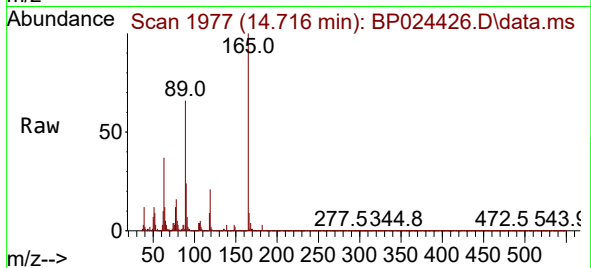
Tgt Ion:139 Resp: 650045
Ion Ratio Lower Upper
139 100
109 74.6 46.1 86.1
65 87.3 65.0 105.0





#57
2,4-Dinitrotoluene
Concen: 47.575 ng
RT: 14.716 min Scan# 1980
Delta R.T. -0.006 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

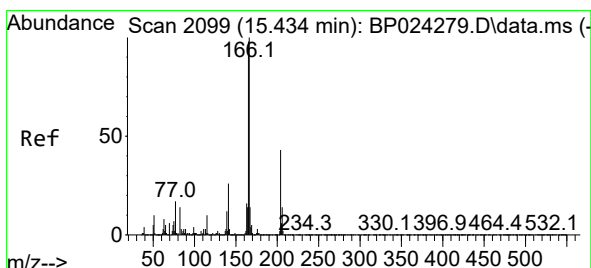
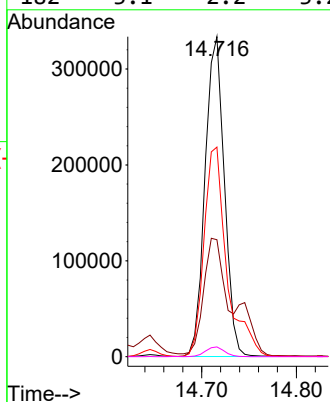
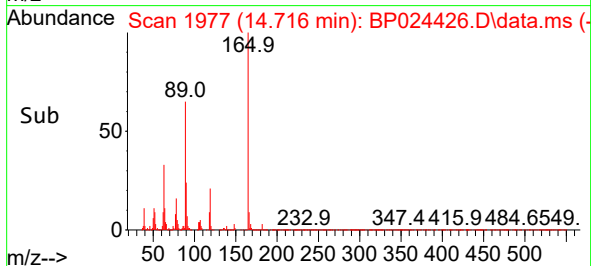
Instrument :
BNA_P
ClientSampleId :
VNJ211MSD



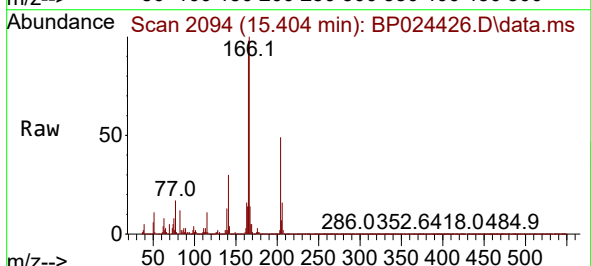
Tgt Ion:165 Resp: 47198
Ion Ratio Lower Upper
165 100
63 36.6 30.4 45.6
89 65.5 54.6 82.0
182 3.1 2.2 3.2

Manual Integrations
APPROVED

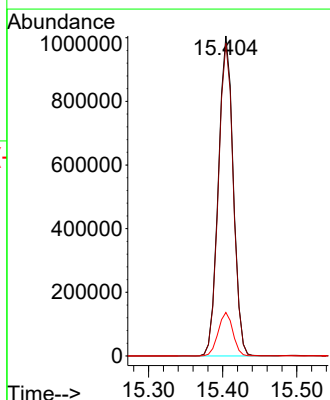
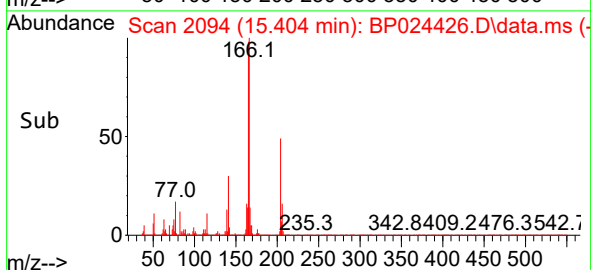
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025

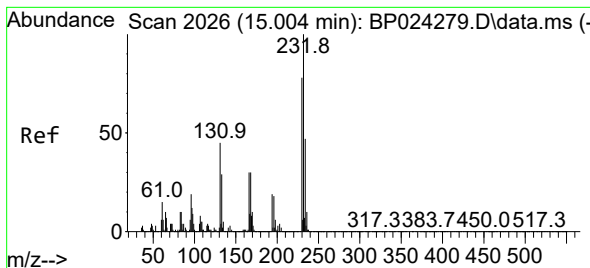


#58
Fluorene
Concen: 42.936 ng
RT: 15.404 min Scan# 2094
Delta R.T. -0.012 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11



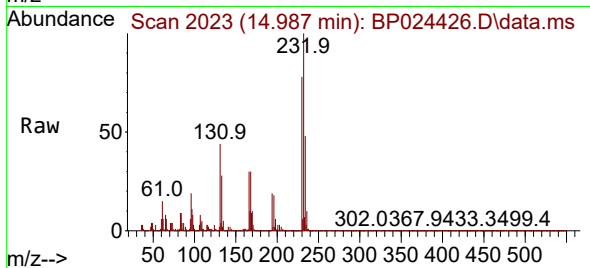
Tgt Ion:166 Resp: 1403067
Ion Ratio Lower Upper
166 100
165 97.7 78.1 117.1
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.501 ng
RT: 14.987 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

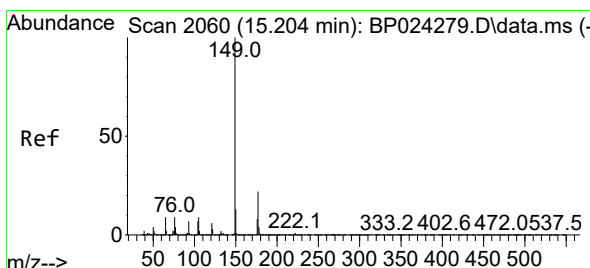
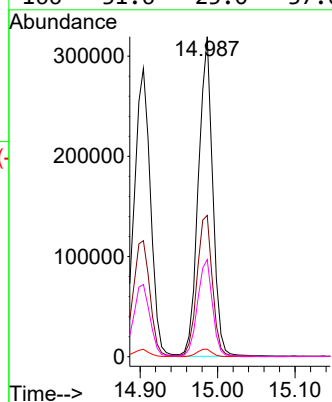
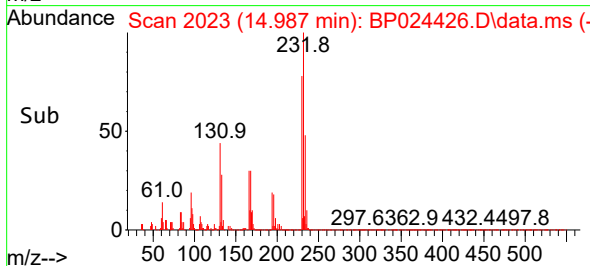
Instrument :
BNA_P
ClientSampleId :
VNJ211MSD



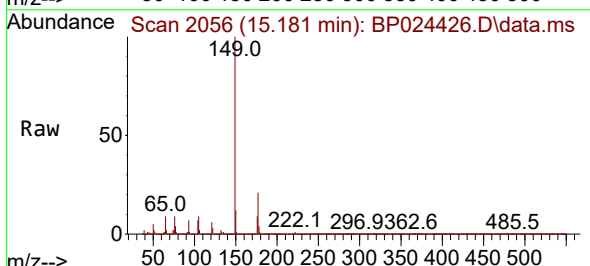
Tgt Ion:232 Resp: 408954
Ion Ratio Lower Upper
232 100
131 47.6 36.8 55.2
130 2.6 1.9 2.9
166 31.6 25.0 37.6

Manual Integrations
APPROVED

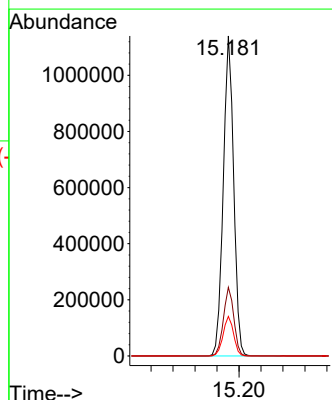
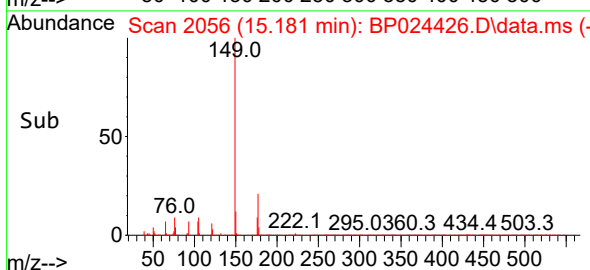
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025

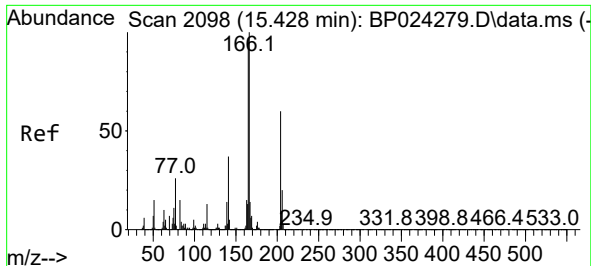


#60
Diethylphthalate
Concen: 42.279 ng
RT: 15.181 min Scan# 2056
Delta R.T. -0.012 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11



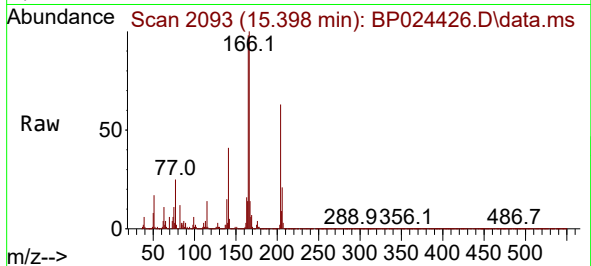
Tgt Ion:149 Resp: 1492220
Ion Ratio Lower Upper
149 100
177 21.5 17.4 26.2
150 12.4 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 42.399 ng
RT: 15.398 min Scan# 2093
Delta R.T. -0.012 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

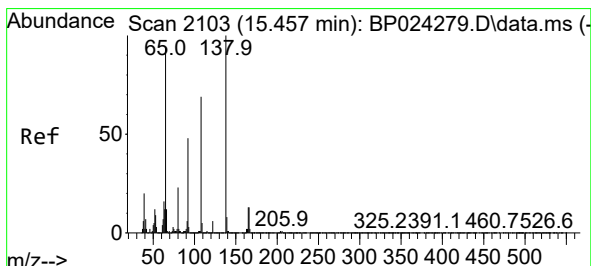
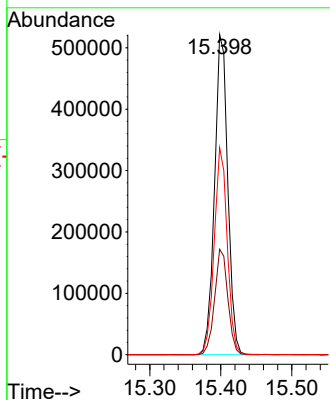
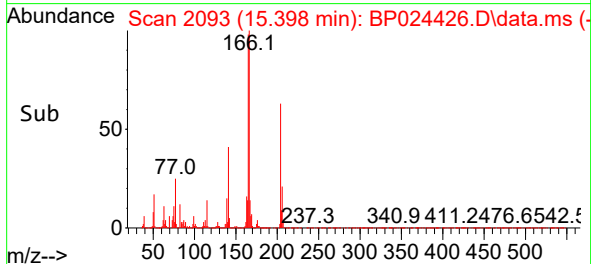
Instrument :
BNA_P
ClientSampleId :
VNJ211MSD



Tgt Ion:204 Resp: 672810
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 64.7 49.4 74.0

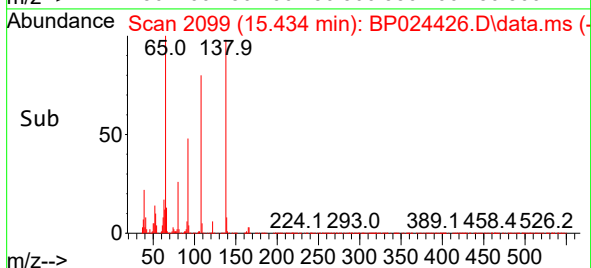
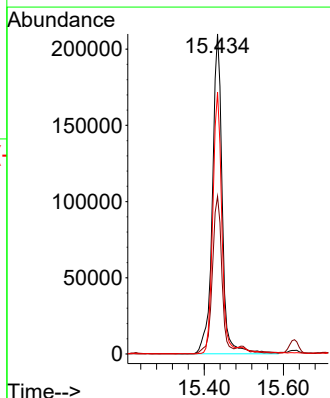
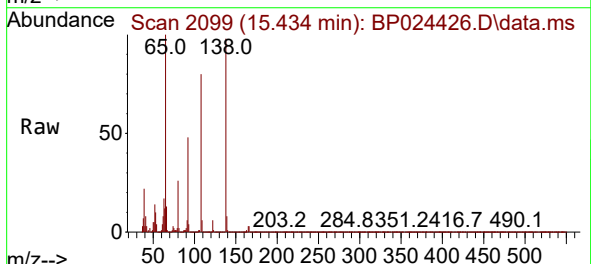
Manual Integrations
APPROVED

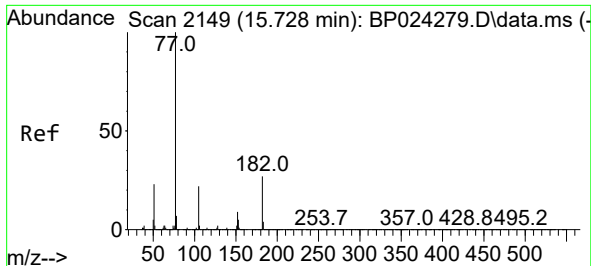
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#62
4-Nitroaniline
Concen: 44.839 ng
RT: 15.434 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

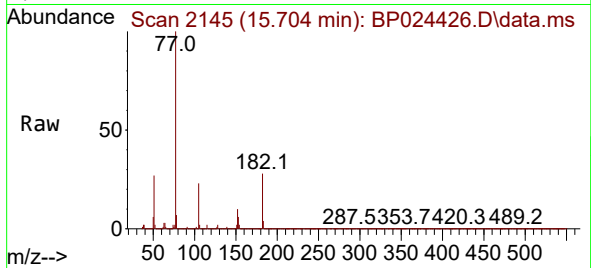
Tgt Ion:138 Resp: 362830
Ion Ratio Lower Upper
138 100
92 49.3 27.8 67.8
108 81.7 48.9 88.9





#63
Azobenzene
Concen: 42.749 ng
RT: 15.704 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

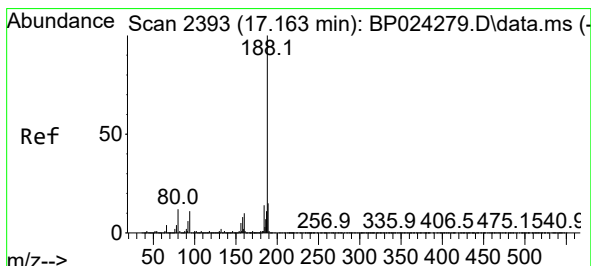
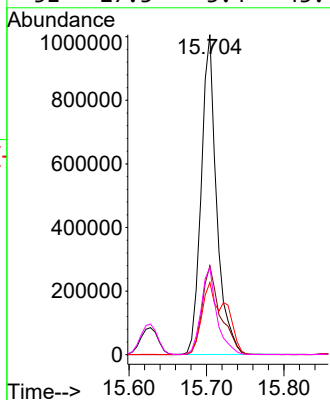
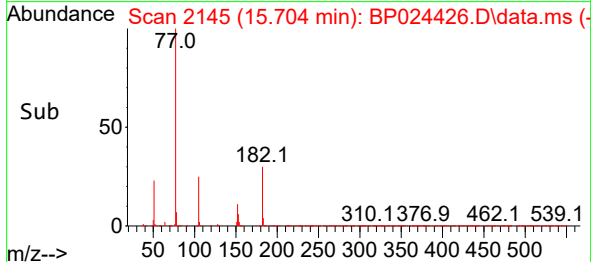
Instrument :
BNA_P
ClientSampleId :
VNJ211MSD



Tgt Ion: 77 Resp: 138675
Ion Ratio Lower Upper
77 100
182 27.8 7.3 47.3
105 22.6 2.3 42.3
51 27.3 3.4 43.4

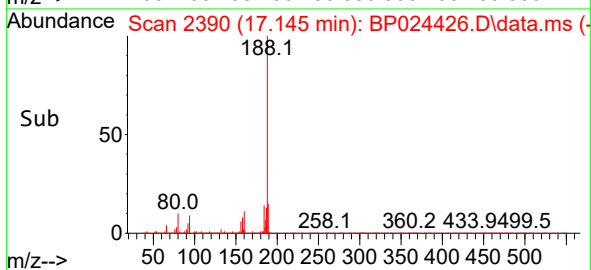
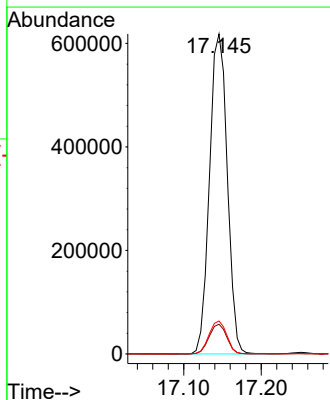
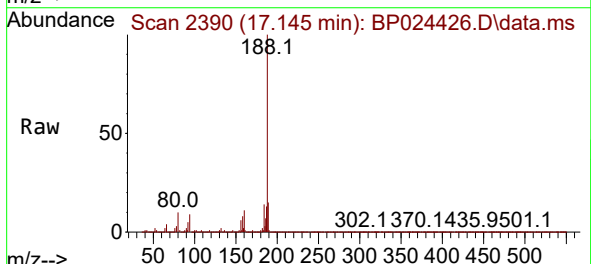
Manual Integrations
APPROVED

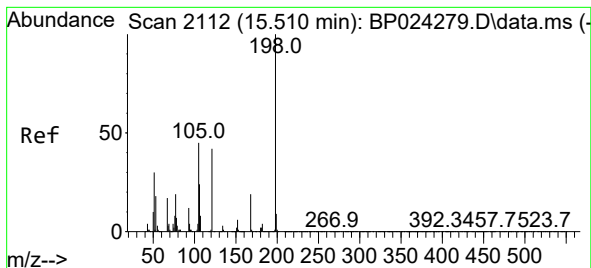
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2390
Delta R.T. 0.000 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

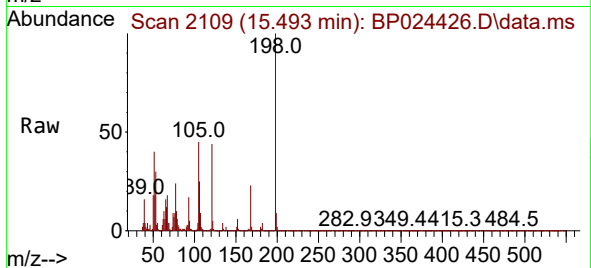
Tgt Ion:188 Resp: 984142
Ion Ratio Lower Upper
188 100
94 9.3 8.6 13.0
80 10.3 9.8 14.6





#65
4,6-Dinitro-2-methylphenol
Concen: 41.749 ng
RT: 15.493 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

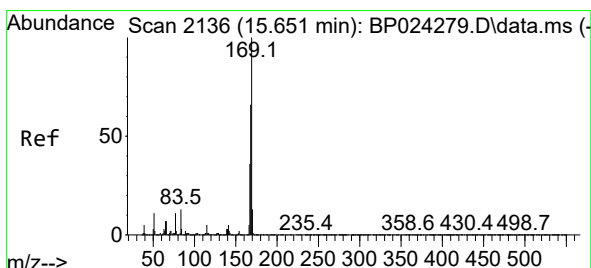
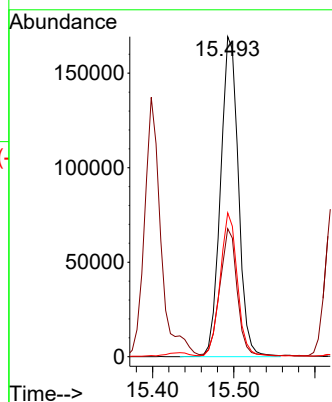
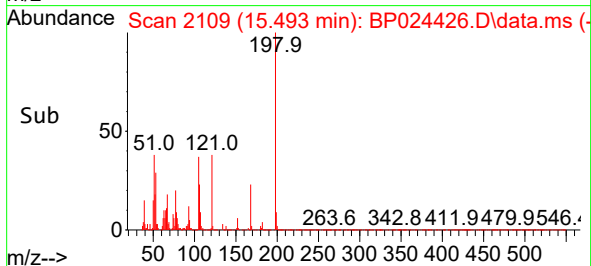
Instrument :
BNA_P
ClientSampleId :
VNJ211MSD



Tgt Ion:198 Resp: 259035
Ion Ratio Lower Upper
198 100
51 40.0 18.4 58.4
105 45.0 26.5 66.5

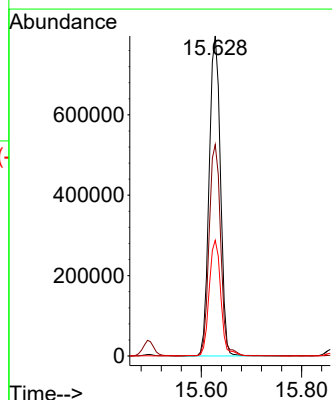
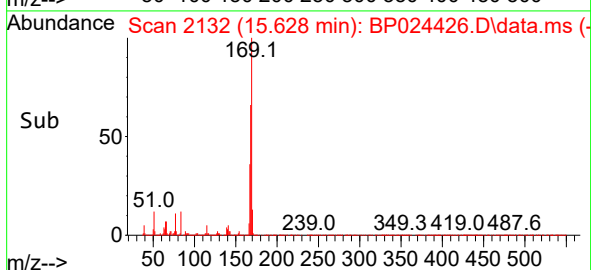
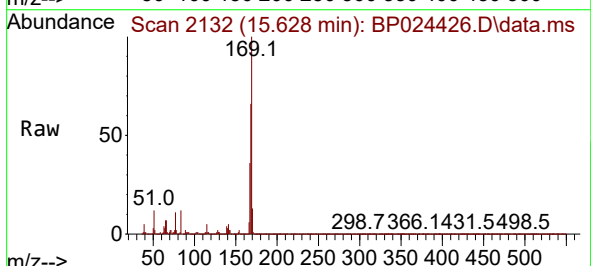
Manual Integrations
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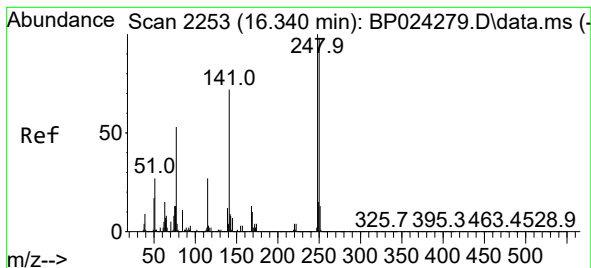
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#66
n-Nitrosodiphenylamine
Concen: 42.317 ng
RT: 15.628 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

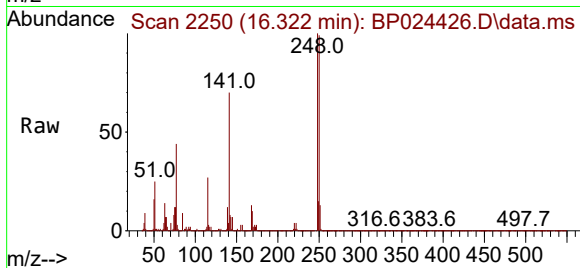
Tgt Ion:169 Resp: 1243022
Ion Ratio Lower Upper
169 100
168 66.1 53.0 79.4
167 36.1 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 42.650 ng
RT: 16.322 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

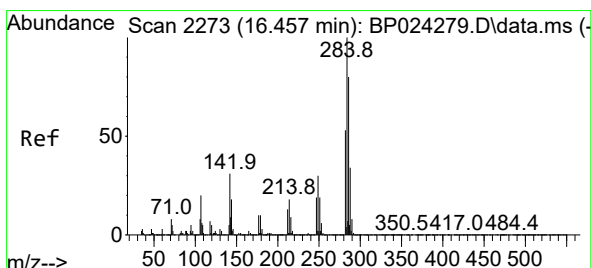
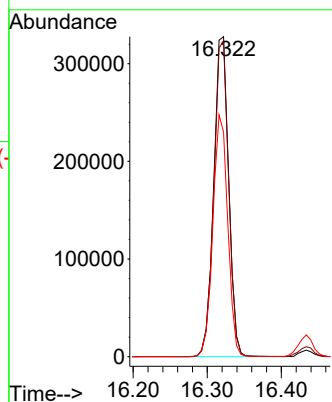
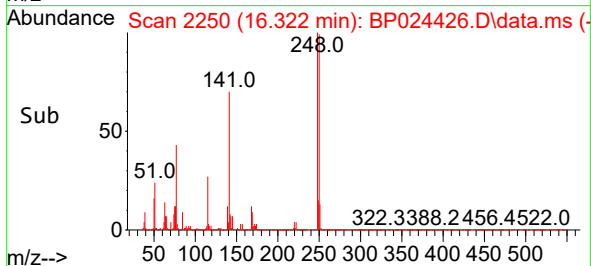
Instrument :
BNA_P
ClientSampleId :
VNJ211MSD



Tgt Ion:248 Resp: 459059
Ion Ratio Lower Upper
248 100
250 98.8 78.2 117.4
141 70.2 57.7 86.5

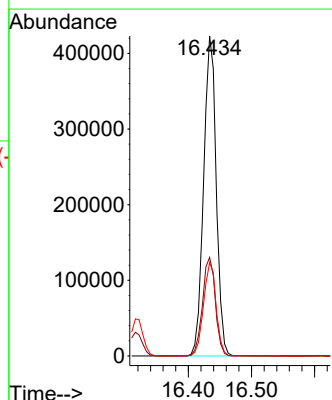
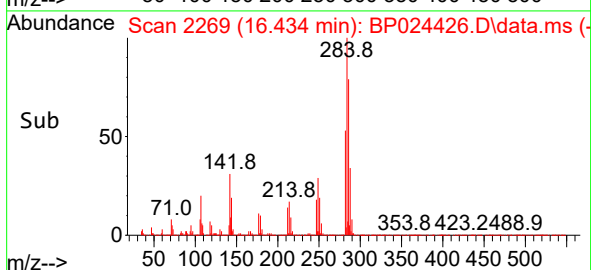
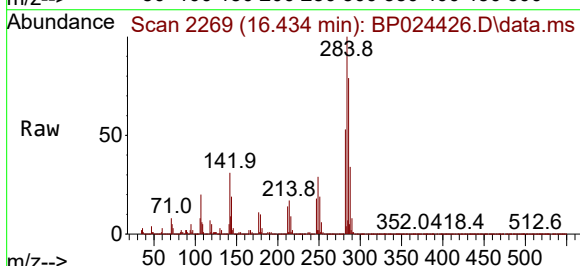
Manual Integrations
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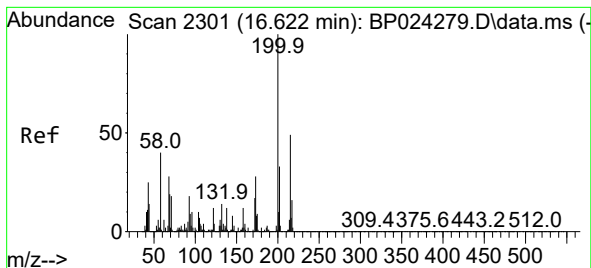
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#68
Hexachlorobenzene
Concen: 45.748 ng
RT: 16.434 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

Tgt Ion:284 Resp: 585108
Ion Ratio Lower Upper
284 100
142 30.8 24.6 37.0
249 29.2 23.8 35.6





#69

Atrazine

Concen: 62.340 ng

RT: 16.610 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024426.D

Acq: 25 Apr 2025 17:11

Instrument :

BNA_P

ClientSampleId :

VNJ211MSD

Tgt Ion:200 Resp: 466390

Ion Ratio Lower Upper

200 100

173 27.2 7.5 47.5

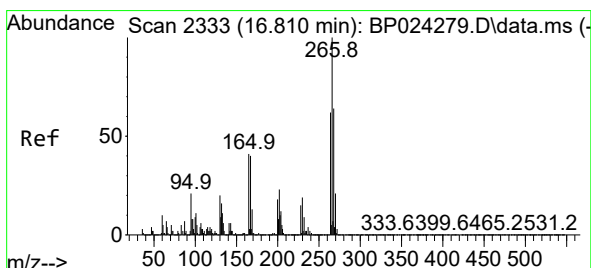
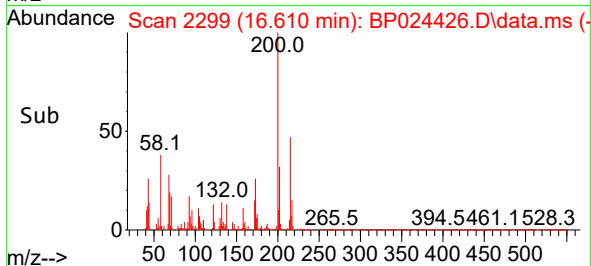
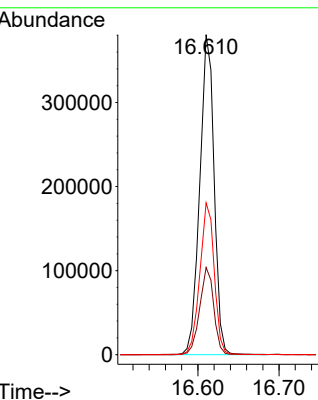
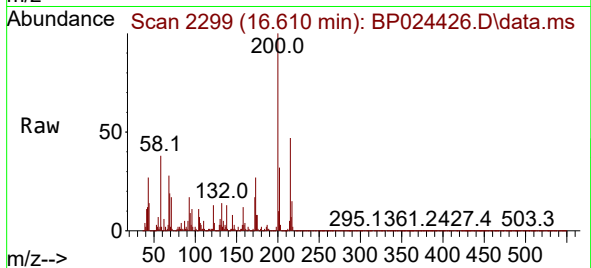
215 47.4 28.8 68.8

Manual Integrations

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Reviewed By :Rahul Chavli 04/28/2025

Supervised By :Jagrut Upadhyay 04/28/2025



#70

Pentachlorophenol

Concen: 94.935 ng

RT: 16.792 min Scan# 2330

Delta R.T. -0.006 min

Lab File: BP024426.D

Acq: 25 Apr 2025 17:11

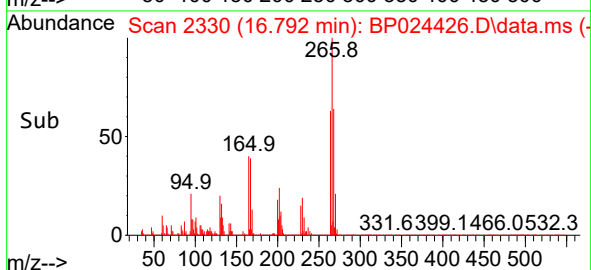
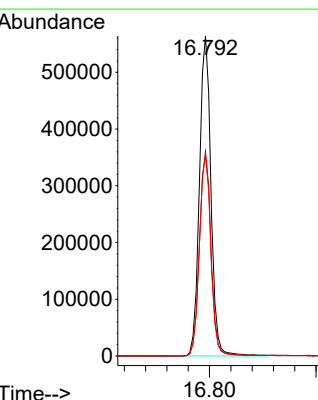
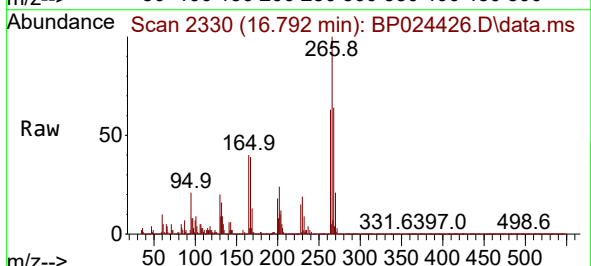
Tgt Ion:266 Resp: 847063

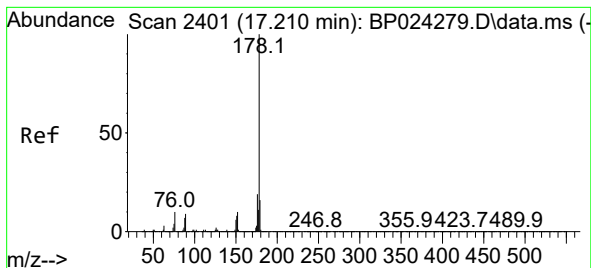
Ion Ratio Lower Upper

266 100

268 63.8 51.0 76.6

264 62.7 49.8 74.6





#71

Phenanthrene

Concen: 44.588 ng

RT: 17.192 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024426.D

Acq: 25 Apr 2025 17:11

Instrument :

BNA_P

ClientSampleId :

VNJ211MSD

Tgt Ion:178 Resp: 239383

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

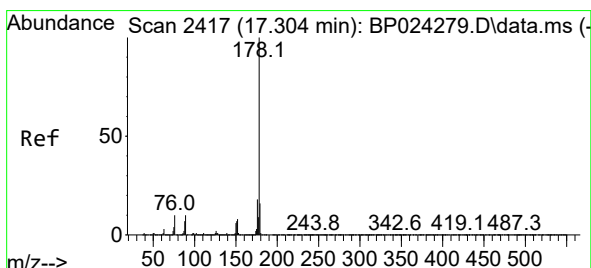
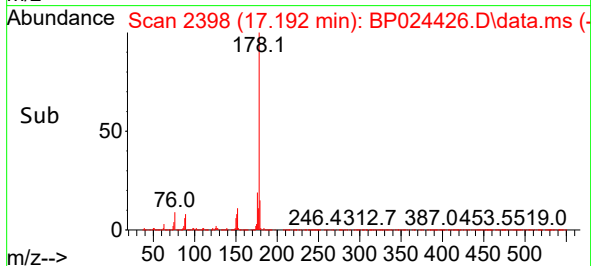
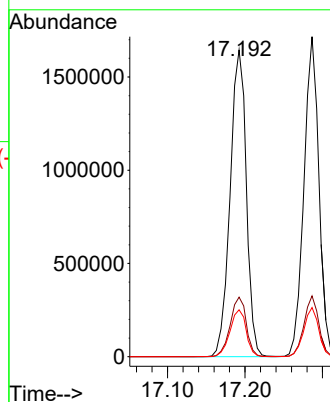
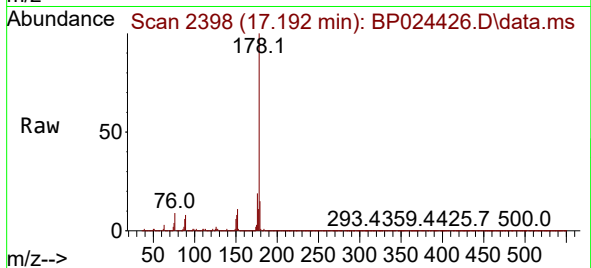
179 15.3 12.5 18.7

Manual Integrations

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Reviewed By :Rahul Chavli 04/28/2025

Supervised By :Jagrut Upadhyay 04/28/2025



#72

Anthracene

Concen: 44.734 ng

RT: 17.287 min Scan# 2414

Delta R.T. 0.000 min

Lab File: BP024426.D

Acq: 25 Apr 2025 17:11

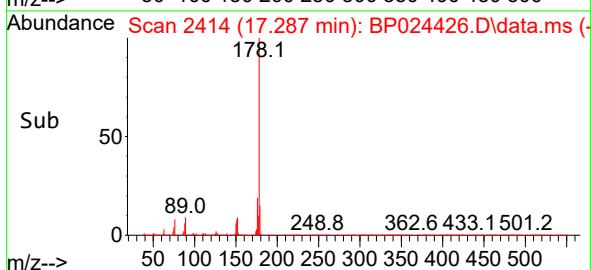
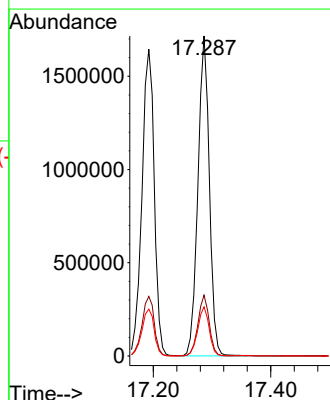
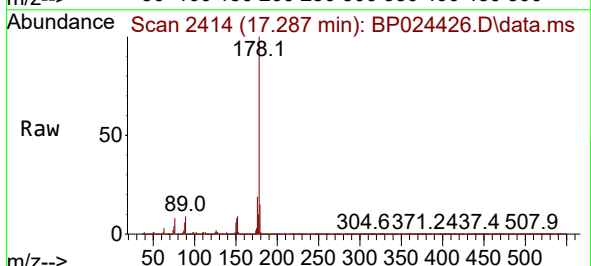
Tgt Ion:178 Resp: 2314721

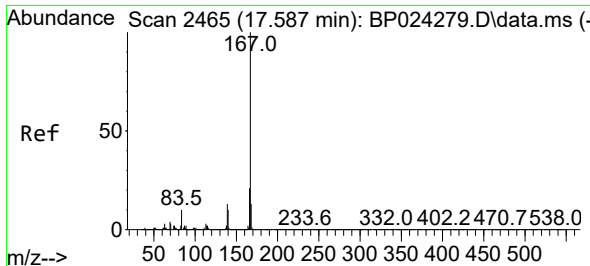
Ion Ratio Lower Upper

178 100

176 19.0 14.7 22.1

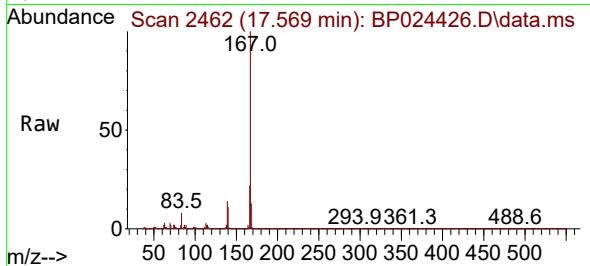
179 15.3 12.4 18.6





#73
 Carbazole
 Concen: 44.684 ng
 RT: 17.569 min Scan# 2465
 Delta R.T. 0.000 min
 Lab File: BP024426.D
 Acq: 25 Apr 2025 17:11

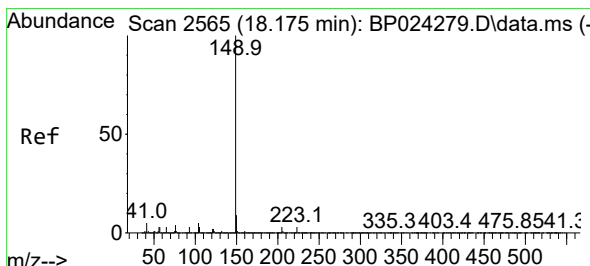
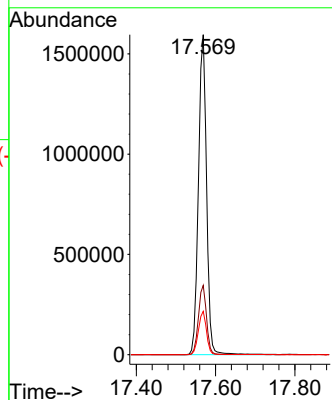
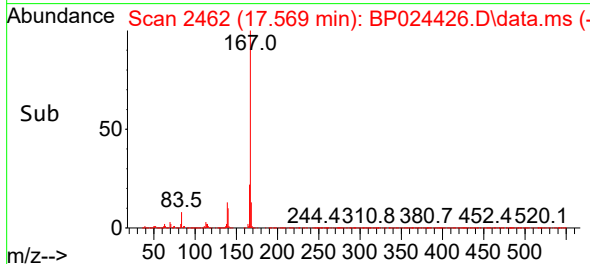
Instrument :
 BNA_P
 ClientSampleId :
 VNJ211MSD



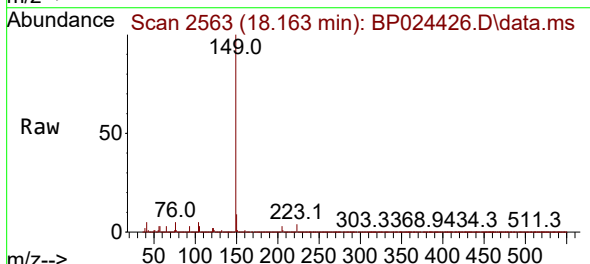
Tgt Ion:167 Resp: 2259130
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.1 25.7
 139 13.6 10.6 16.0

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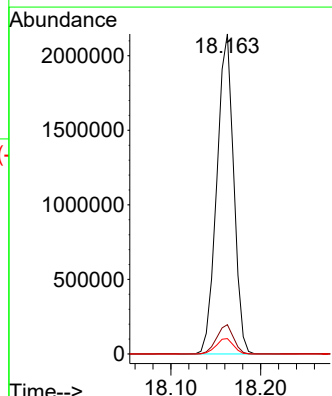
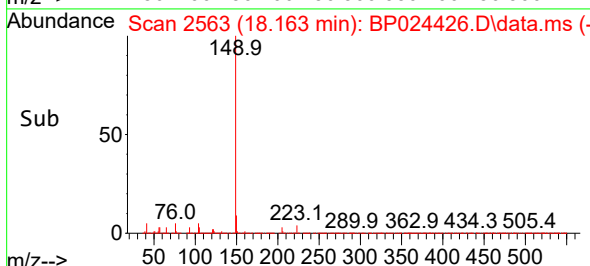
Reviewed By :Rahul Chavli 04/28/2025
 Supervised By :Jagrut Upadhyay 04/28/2025

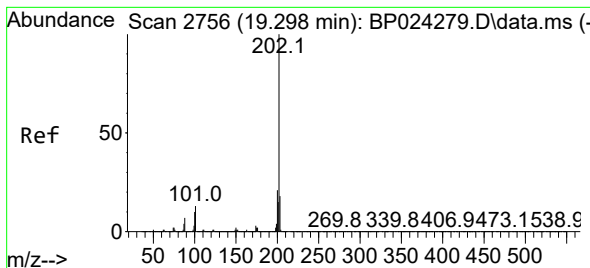


#74
 Di-n-butylphthalate
 Concen: 44.366 ng
 RT: 18.163 min Scan# 2563
 Delta R.T. 0.006 min
 Lab File: BP024426.D
 Acq: 25 Apr 2025 17:11



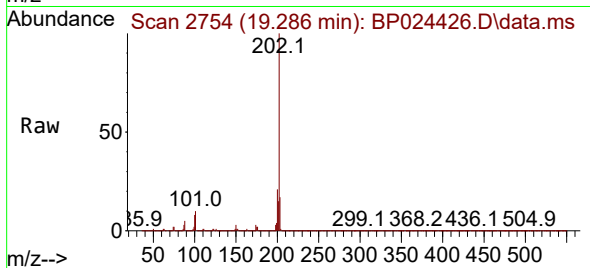
Tgt Ion:149 Resp: 2794531
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.8 3.9 5.9





#75
Fluoranthene
Concen: 49.355 ng
RT: 19.286 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

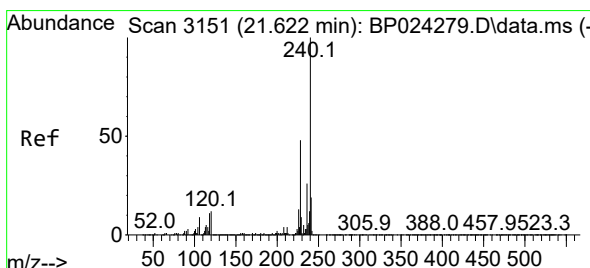
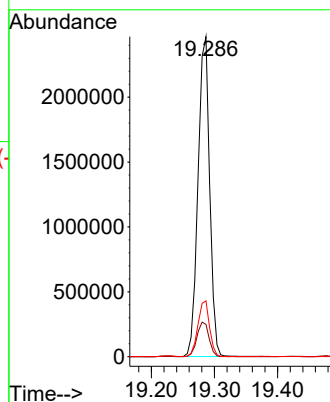
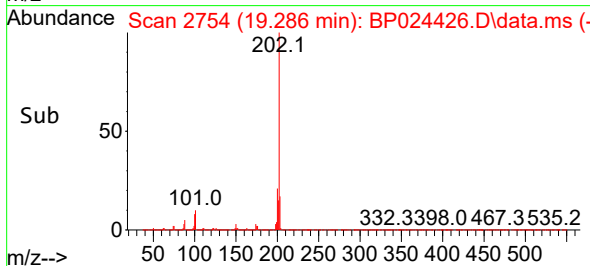
Instrument :
BNA_P
ClientSampleId :
VNJ211MSD



Tgt Ion:202 Resp: 3151454
Ion Ratio Lower Upper
202 100
101 10.1 0.0 33.2
203 17.5 0.0 37.7

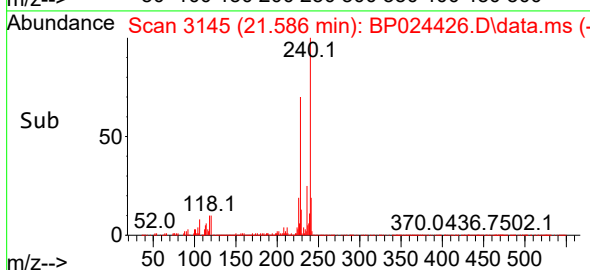
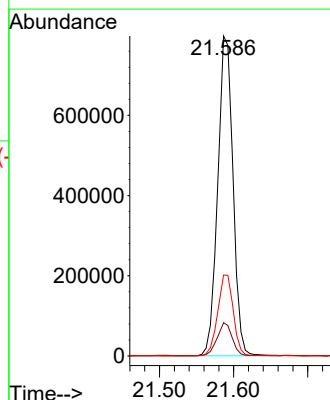
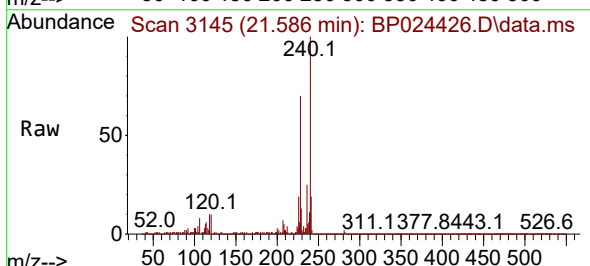
Manual Integrations
APPROVED

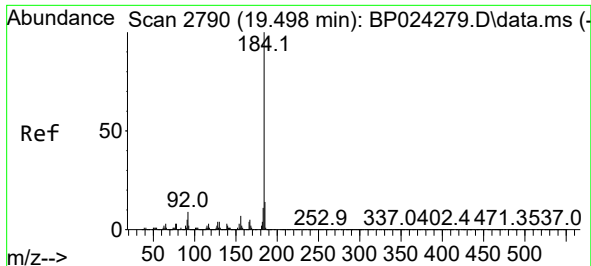
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3145
Delta R.T. -0.006 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

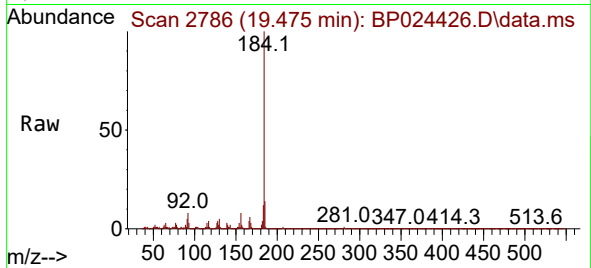
Tgt Ion:240 Resp: 1141779
Ion Ratio Lower Upper
240 100
120 10.4 9.8 14.8
236 25.3 20.9 31.3





#77
Benzidine
Concen: 80.031 ng
RT: 19.475 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

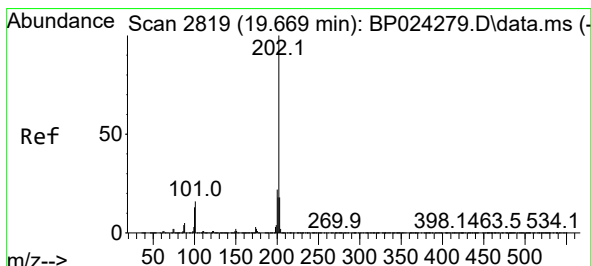
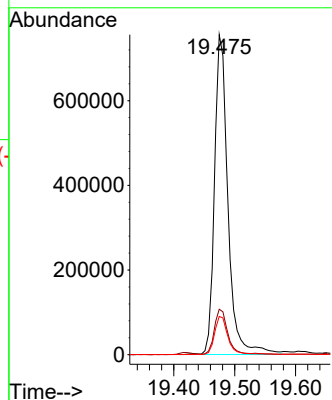
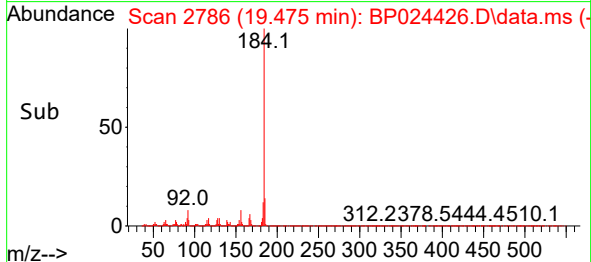
Instrument :
BNA_P
ClientSampleId :
VNJ211MSD



Tgt Ion:184 Resp: 115829
Ion Ratio Lower Upper
184 100
185 14.2 11.6 17.4
183 12.0 9.2 13.8

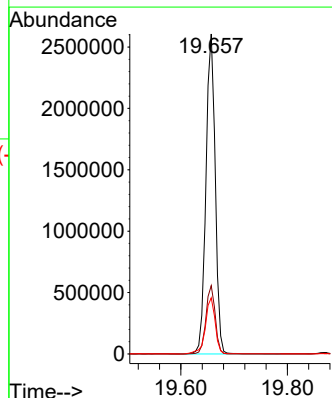
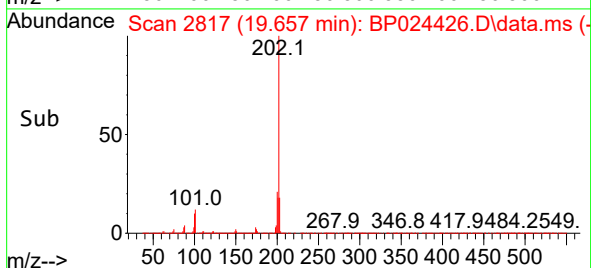
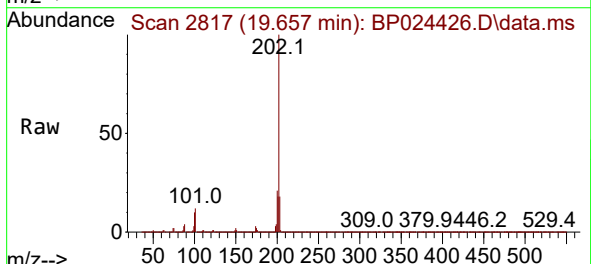
Manual Integrations
APPROVED

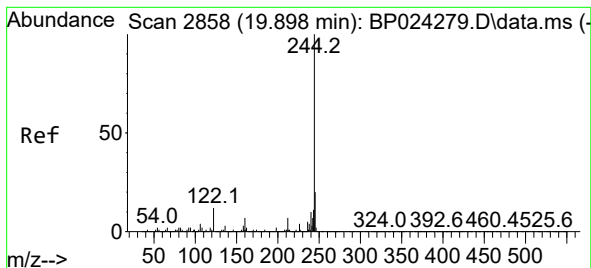
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025



#78
Pyrene
Concen: 43.445 ng
RT: 19.657 min Scan# 2817
Delta R.T. 0.006 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

Tgt Ion:202 Resp: 3152396
Ion Ratio Lower Upper
202 100
200 21.4 17.2 25.8
203 17.5 14.4 21.6





#79

Terphenyl-d14

Concen: 70.835 ng

RT: 19.869 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024426.D

Acq: 25 Apr 2025 17:11

Instrument :

BNA_P

ClientSampleId :

VNJ211MSD

Tgt Ion:244 Resp: 401252

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

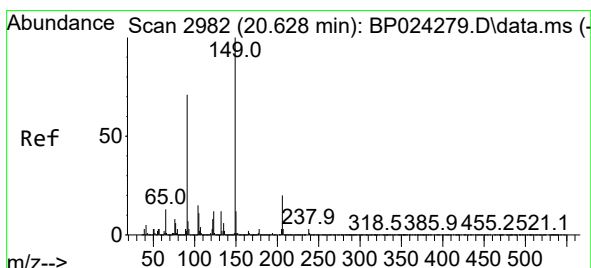
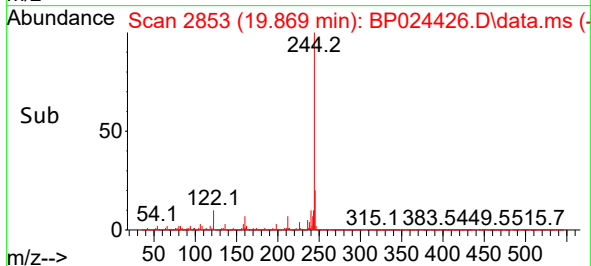
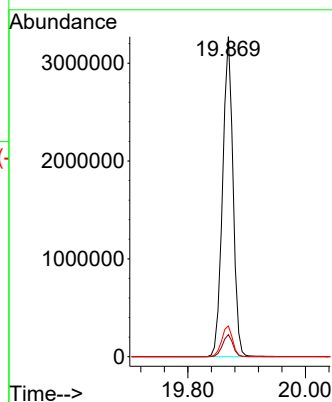
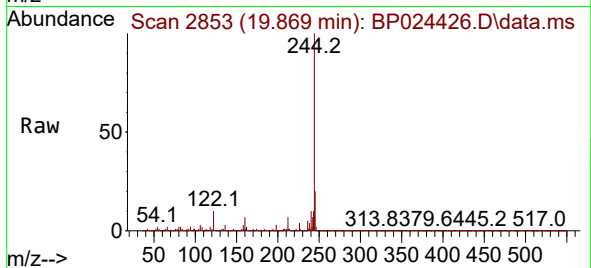
122 9.6 9.4 14.0

Manual Integrations

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Reviewed By :Rahul Chavli 04/28/2025

Supervised By :Jagrut Upadhyay 04/28/2025



#80

Butylbenzylphthalate

Concen: 45.999 ng

RT: 20.604 min Scan# 2978

Delta R.T. 0.000 min

Lab File: BP024426.D

Acq: 25 Apr 2025 17:11

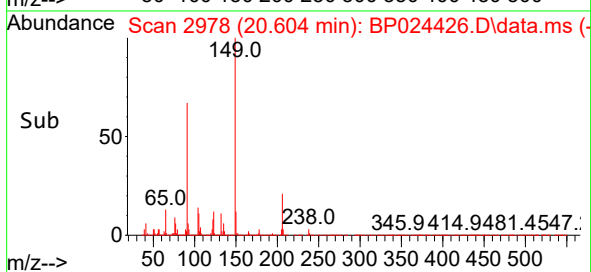
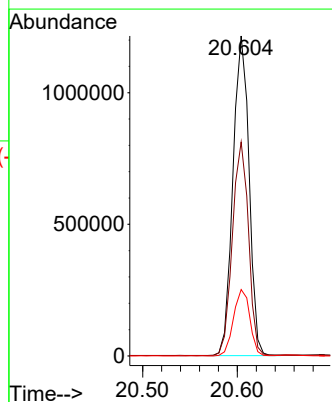
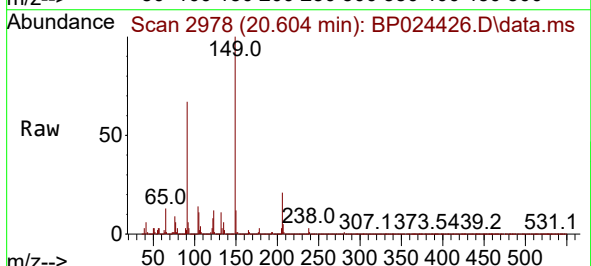
Tgt Ion:149 Resp: 1429626

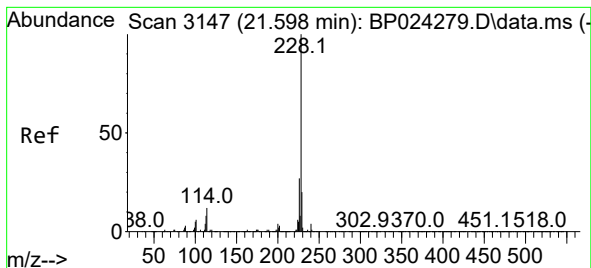
Ion Ratio Lower Upper

149 100

91 66.9 56.4 84.6

206 20.8 16.3 24.5





#81

Benzo(a)anthracene

Concen: 45.202 ng

RT: 21.569 min Scan# 3142

Delta R.T. 0.000 min

Lab File: BP024426.D

Acq: 25 Apr 2025 17:11

Instrument :

BNA_P

ClientSampleId :

VNJ211MSD

Tgt Ion:228 Resp: 320792

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

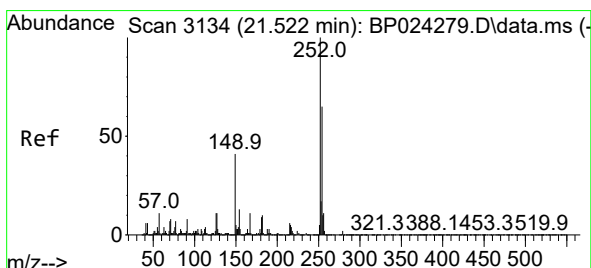
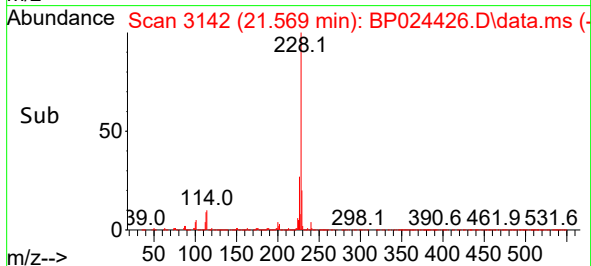
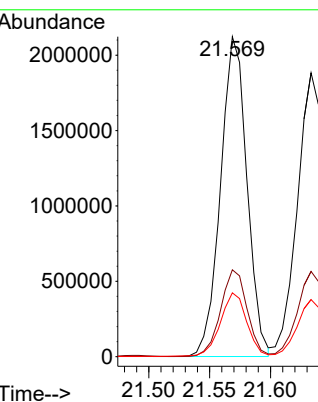
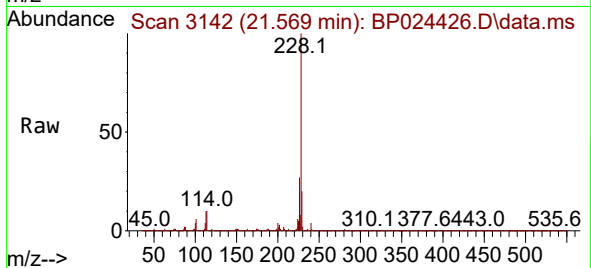
229 20.0 15.9 23.9

Manual Integrations

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Reviewed By :Rahul Chavli 04/28/2025

Supervised By :Jagrut Upadhyay 04/28/2025



#82

3,3'-Dichlorobenzidine

Concen: 35.238 ng

RT: 21.492 min Scan# 3129

Delta R.T. 0.000 min

Lab File: BP024426.D

Acq: 25 Apr 2025 17:11

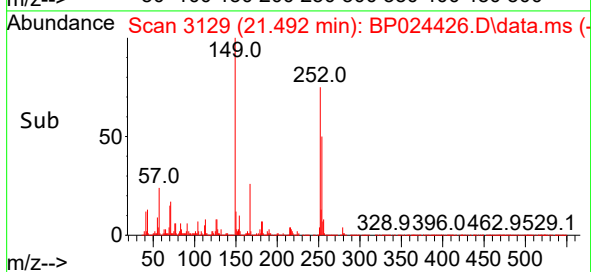
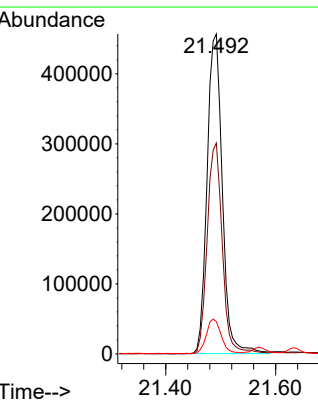
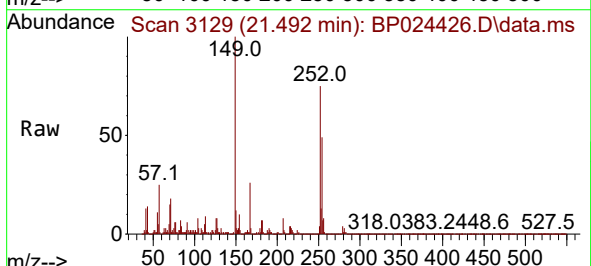
Tgt Ion:252 Resp: 877749

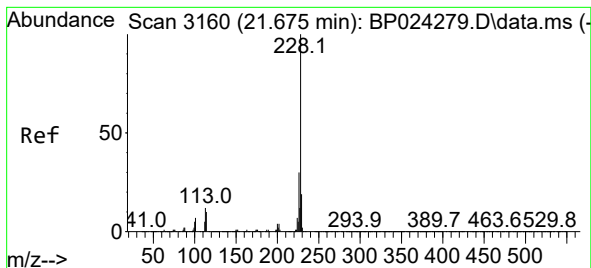
Ion Ratio Lower Upper

252 100

254 65.9 51.7 77.5

126 10.1 8.8 13.2





#83

Chrysene

Concen: 44.241 ng

RT: 21.633 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP024426.D

Acq: 25 Apr 2025 17:11

Instrument :

BNA_P

ClientSampleId :

VNJ211MSD

Tgt Ion:228 Resp: 3008014

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.2

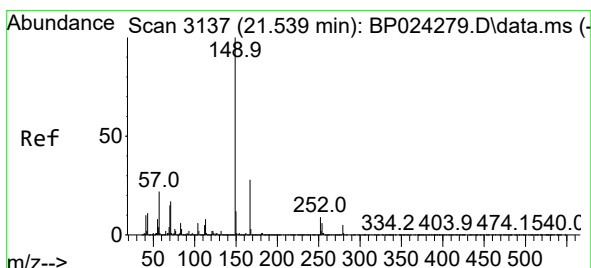
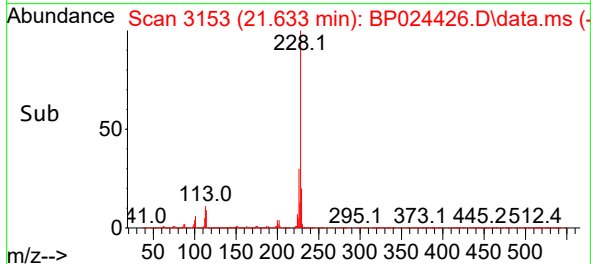
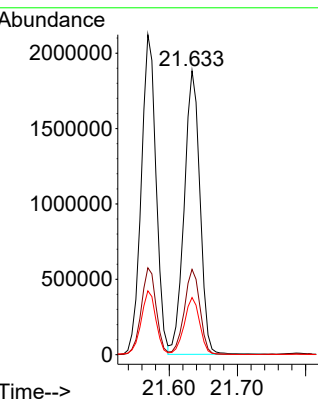
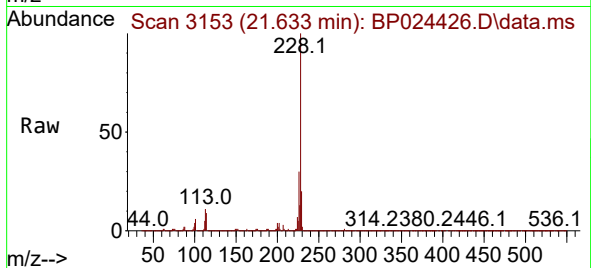
229 20.1 15.6 23.4

Manual Integrations

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Reviewed By :Rahul Chavli 04/28/2025

Supervised By :Jagrut Upadhyay 04/28/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.042 ng

RT: 21.504 min Scan# 3131

Delta R.T. -0.006 min

Lab File: BP024426.D

Acq: 25 Apr 2025 17:11

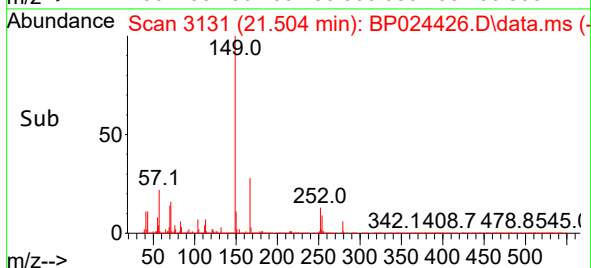
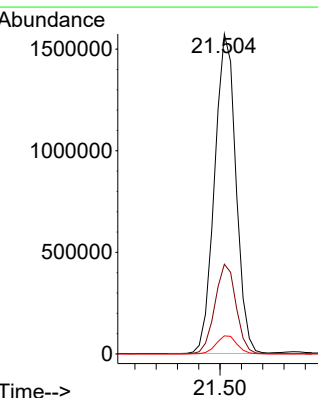
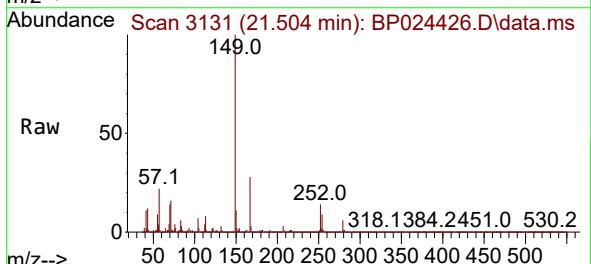
Tgt Ion:149 Resp: 2188866

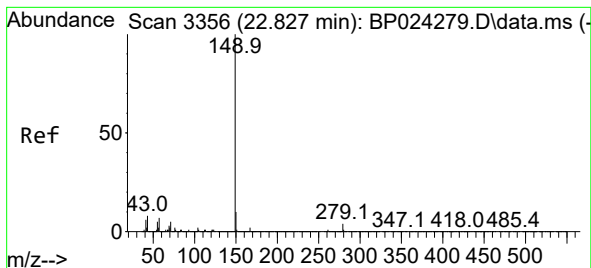
Ion Ratio Lower Upper

149 100

167 28.0 22.4 33.6

279 5.6 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 48.906 ng

RT: 22.780 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP024426.D

Acq: 25 Apr 2025 17:11

Instrument :

BNA_P

ClientSampleId :

VNJ211MSD

Tgt Ion:149 Resp: 362245

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

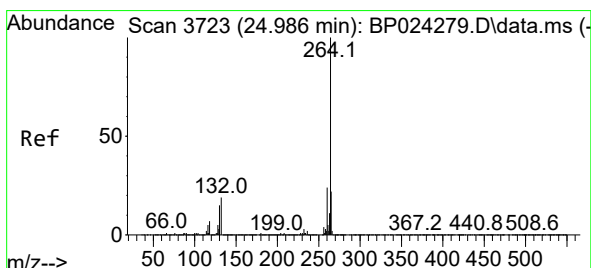
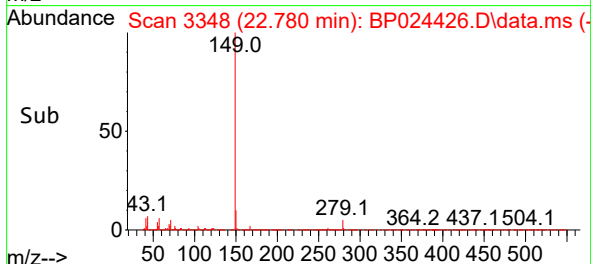
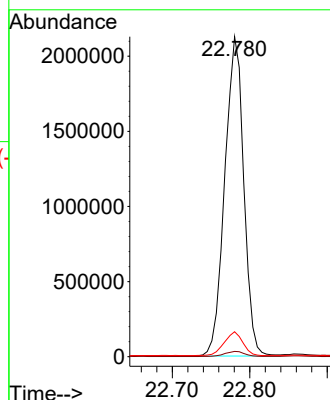
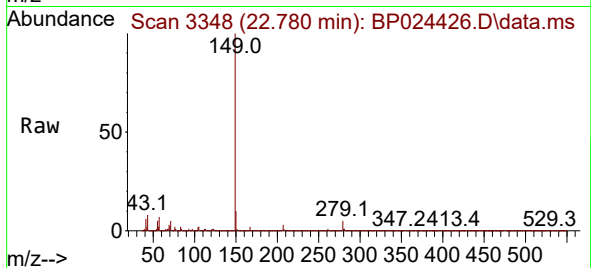
43 7.3 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/28/2025

Supervised By :Jagrut Upadhyay 04/28/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.916 min Scan# 3711

Delta R.T. -0.018 min

Lab File: BP024426.D

Acq: 25 Apr 2025 17:11

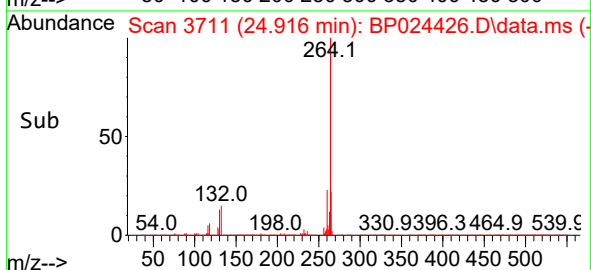
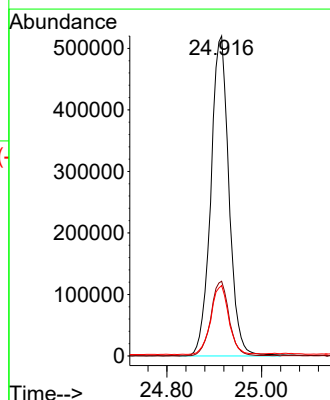
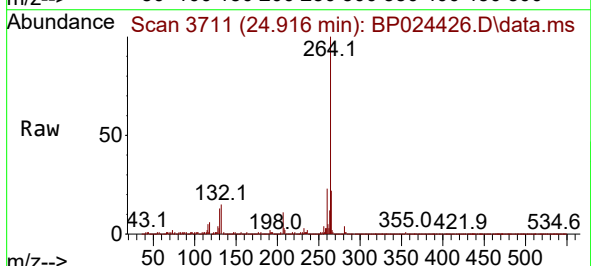
Tgt Ion:264 Resp: 1384025

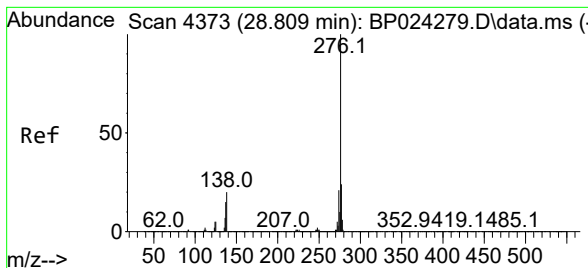
Ion Ratio Lower Upper

264 100

260 23.3 18.9 28.3

265 22.0 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.246 ng m

RT: 28.721 min Scan# 41

Delta R.T. -0.018 min

Lab File: BP024426.D

Acq: 25 Apr 2025 17:11

Instrument :

BNA_P

ClientSampleId :

VNJ211MSD

Tgt Ion:276 Resp: 4539590

Ion Ratio Lower Upper

276 100

138 7.4 14.5 21.7

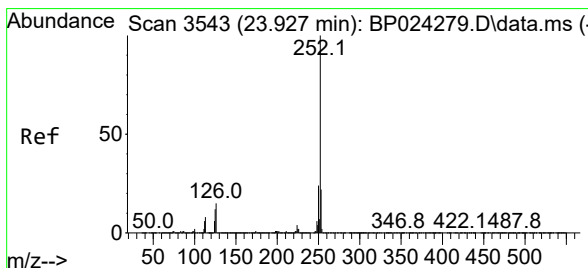
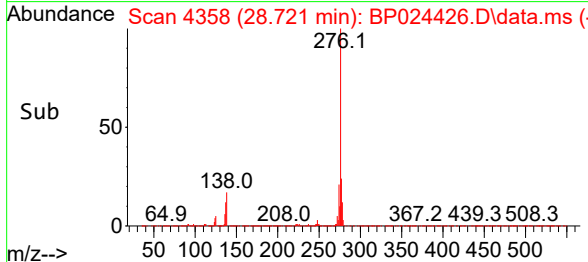
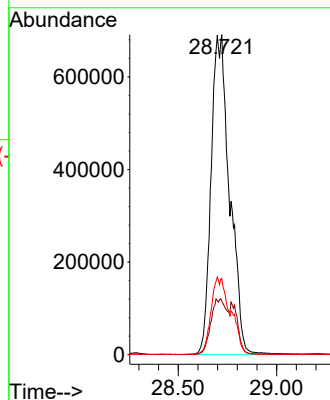
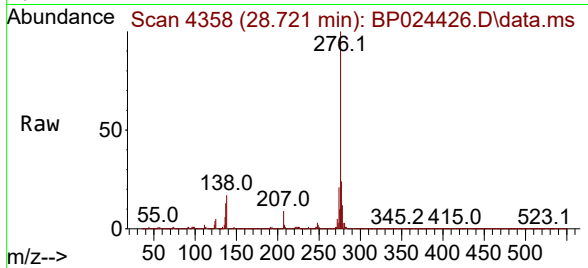
277 11.4 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/28/2025

Supervised By :Jagrut Upadhyay 04/28/2025



#88

Benzo(b)fluoranthene

Concen: 43.263 ng

RT: 23.880 min Scan# 3535

Delta R.T. -0.006 min

Lab File: BP024426.D

Acq: 25 Apr 2025 17:11

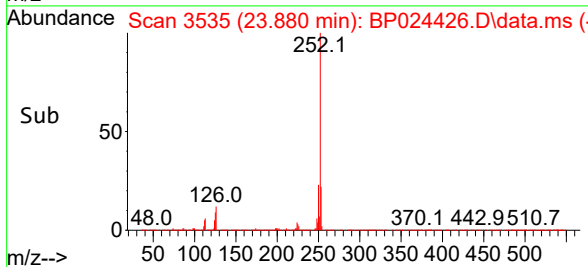
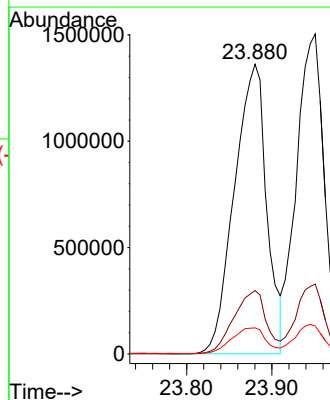
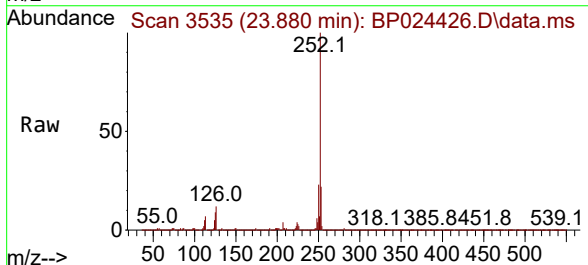
Tgt Ion:252 Resp: 3589085

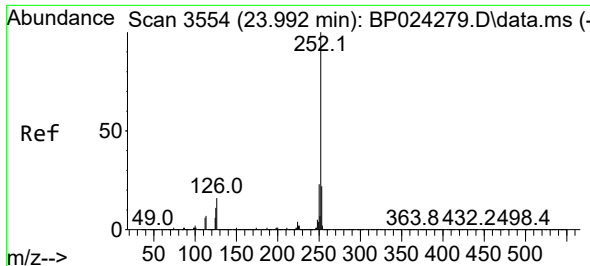
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

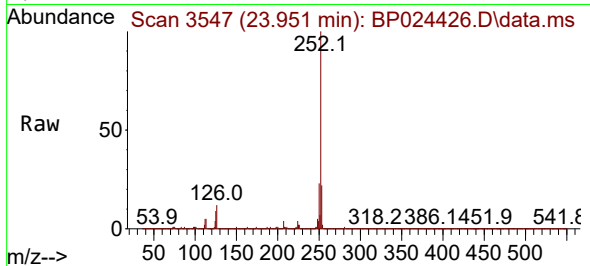
125 9.0 9.4 14.0





#89
Benzo(k)fluoranthene
Concen: 42.536 ng
RT: 23.951 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11

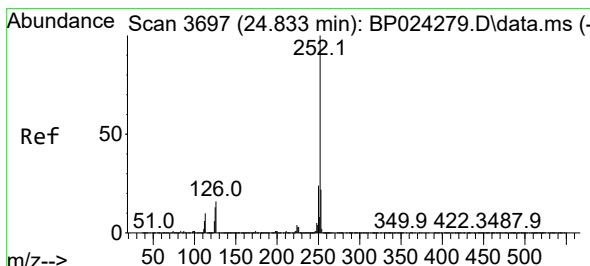
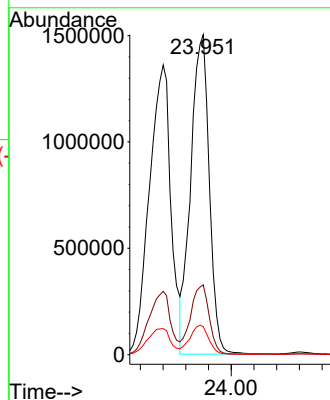
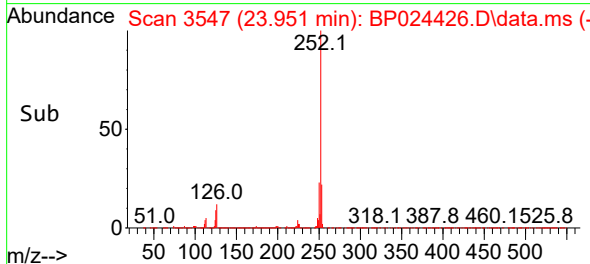
Instrument :
BNA_P
ClientSampleId :
VNJ211MSD



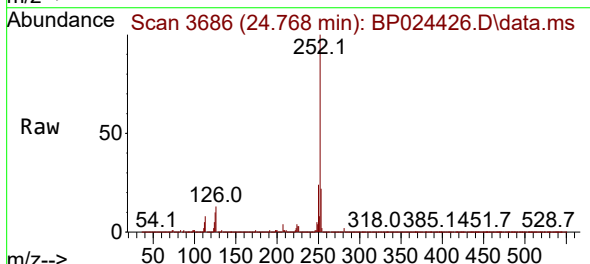
Tgt Ion:252 Resp: 340863
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 8.8 9.1 13.7

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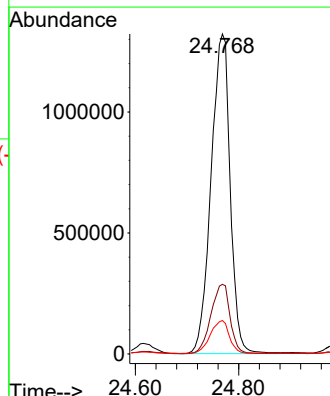
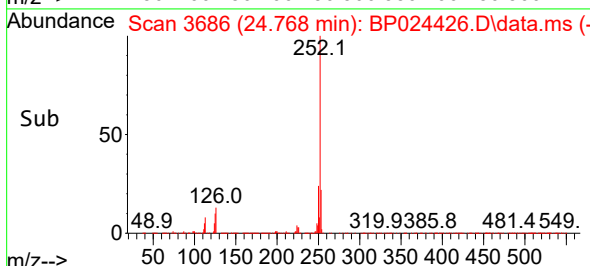
Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025

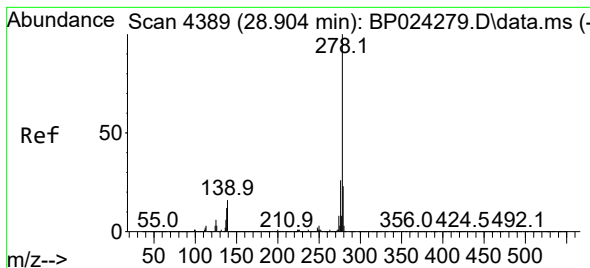


#90
Benzo(a)pyrene
Concen: 47.277 ng
RT: 24.768 min Scan# 3686
Delta R.T. -0.012 min
Lab File: BP024426.D
Acq: 25 Apr 2025 17:11



Tgt Ion:252 Resp: 3383182
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 10.4 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 45.535 ng

RT: 28.786 min Scan# 41

Delta R.T. -0.017 min

Lab File: BP024426.D

Acq: 25 Apr 2025 17:11

Instrument :

BNA_P

ClientSampleId :

VNJ211MSD

Tgt Ion:278 Resp: 363157

Ion Ratio Lower Upper

278 100

139 13.9 12.6 19.0

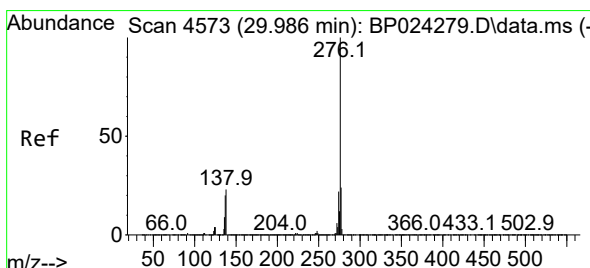
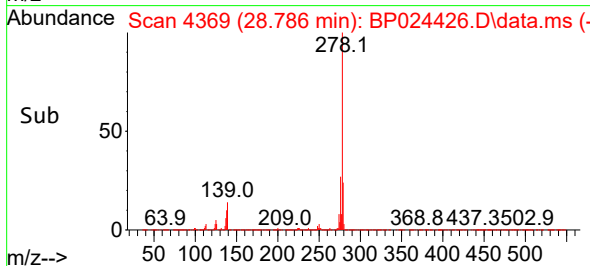
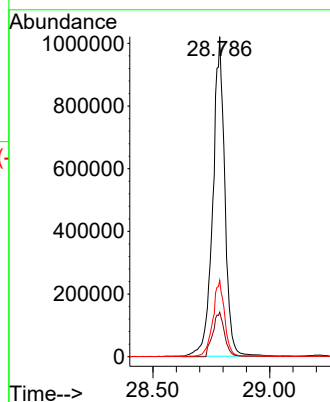
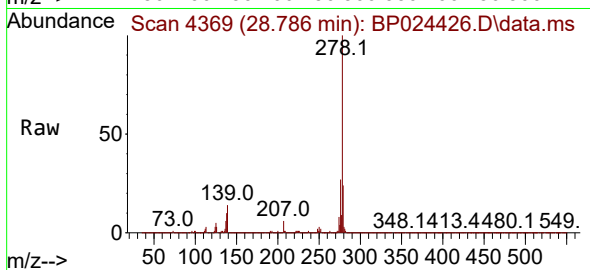
279 23.9 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/28/2025

Supervised By :Jagrut Upadhyay 04/28/2025



#92

Benzo(g,h,i)perylene

Concen: 44.599 ng

RT: 29.898 min Scan# 4558

Delta R.T. 0.000 min

Lab File: BP024426.D

Acq: 25 Apr 2025 17:11

Tgt Ion:276 Resp: 3620472

Ion Ratio Lower Upper

276 100

277 23.4 18.9 28.3

138 18.9 18.7 28.1

