

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042325\
 Data File : BP024400.D
 Acq On : 23 Apr 2025 17:35
 Operator : RC/JU
 Sample : Q1842-06MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PL-714-COMP-08MSD

Quant Time: Apr 23 18:32:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/24/2025
 Supervised By :Jagrut Upadhyay 04/24/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	199444	20.000	ng	0.00
21) Naphthalene-d8	10.487	136	786201	20.000	ng	-0.01
39) Acenaphthene-d10	14.340	164	472089	20.000	ng	-0.01
64) Phenanthrene-d10	17.134	188	902353	20.000	ng	-0.01
76) Chrysene-d12	21.574	240	975544	20.000	ng	-0.02
86) Perylene-d12	24.927	264	1149292	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1539705	127.647	ng	0.00
7) Phenol-d6	6.905	99	1905687	115.380	ng	0.00
23) Nitrobenzene-d5	8.869	82	1245982	90.368	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	991370	151.781	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	2735099	88.707	ng	0.00
79) Terphenyl-d14	19.857	244	4627352	95.609	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.299	88	155220	30.423	ng	# 94
3) Pyridine	3.693	79	391515	29.061	ng	97
4) n-Nitrosodimethylamine	3.593	42	171972	38.462	ng	91
6) Aniline	7.058	93	354696	24.032	ng	98
8) 2-Chlorophenol	7.293	128	546933	40.612	ng	100
9) Benzaldehyde	6.869	77	153447	18.781	ng	98
10) Phenol	6.934	94	634208	38.278	ng	96
11) bis(2-Chloroethyl)ether	7.146	93	494800	37.065	ng	98
12) 1,3-Dichlorobenzene	7.610	146	494008	34.073	ng	98
13) 1,4-Dichlorobenzene	7.752	146	509675	34.647	ng	99
14) 1,2-Dichlorobenzene	8.069	146	501149	35.280	ng	99
15) Benzyl Alcohol	7.958	79	468873	43.896	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.234	45	549012	38.048	ng	99
17) 2-Methylphenol	8.163	107	464003	43.291	ng	99
18) Hexachloroethane	8.787	117	189640	35.672	ng	96
19) n-Nitroso-di-n-propyla...	8.516	70	383207	37.503	ng	98
20) 3+4-Methylphenols	8.487	107	626681	42.138	ng	98
22) Acetophenone	8.528	105	792527	40.728	ng	# 98
24) Nitrobenzene	8.910	77	554161	40.628	ng	99
25) Isophorone	9.428	82	1102338	44.169	ng	99
26) 2-Nitrophenol	9.610	139	291287	43.639	ng	97
27) 2,4-Dimethylphenol	9.675	122	527081	62.888	ng	100
28) bis(2-Chloroethoxy)met...	9.904	93	687080	40.753	ng	99
29) 2,4-Dichlorophenol	10.152	162	514725	45.042	ng	98
30) 1,2,4-Trichlorobenzene	10.352	180	487527	39.818	ng	100
31) Naphthalene	10.540	128	1574819	38.026	ng	100
32) Benzoic acid	9.828	122	378925	38.801	ng	100
33) 4-Chloroaniline	10.657	127	196379	13.465	ng	98
34) Hexachlorobutadiene	10.828	225	290418	40.364	ng	98
35) Caprolactam	11.446	113	164151	38.929	ng	98
36) 4-Chloro-3-methylphenol	11.787	107	600395	45.106	ng	98
37) 2-Methylnaphthalene	12.146	142	1054765	36.724	ng	98
38) 1-Methylnaphthalene	12.369	142	1109423	39.485	ng	100
40) 1,2,4,5-Tetrachloroben...	12.522	216	577657	44.495	ng	99
41) Hexachlorocyclopentadiene	12.504	237	735231	160.126	ng	98
43) 2,4,6-Trichlorophenol	12.769	196	418800	48.520	ng	98

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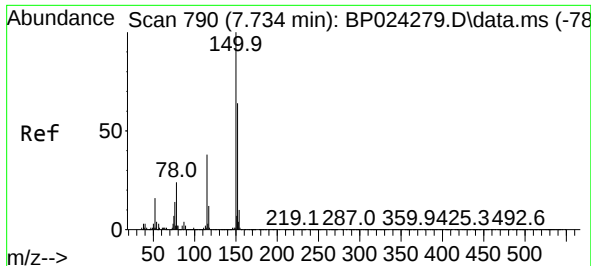
Manual Integrations
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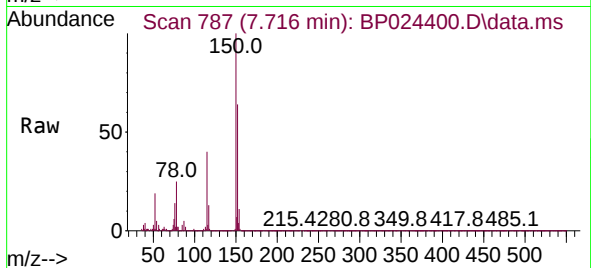
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	467987	48.962	ng	99
46) 1,1'-Biphenyl	13.169	154	1505321	43.380	ng	100
47) 2-Chloronaphthalene	13.210	162	1160971	44.765	ng	99
48) 2-Nitroaniline	13.416	65	364335	50.081	ng	98
49) Acenaphthylene	14.063	152	1959596	47.991	ng	100
50) Dimethylphthalate	13.798	163	1547999	45.090	ng	99
51) 2,6-Dinitrotoluene	13.916	165	343921	47.176	ng	98
52) Acenaphthene	14.410	154	1128749	43.603	ng	100
53) 3-Nitroaniline	14.251	138	233585	30.486	ng	99
54) 2,4-Dinitrophenol	14.463	184	443566	103.293	ng	93
55) Dibenzofuran	14.745	168	1822403	43.069	ng	97
56) 4-Nitrophenol	14.587	139	619546	93.624	ng	97
57) 2,4-Dinitrotoluene	14.716	165	499600	50.238	ng	98
58) Fluorene	15.404	166	1491175	45.523	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.981	232	421879	47.856	ng	99
60) Diethylphthalate	15.181	149	1585319	44.810	ng	99
61) 4-Chlorophenyl-phenyle...	15.404	204	726012	45.642	ng	98
62) 4-Nitroaniline	15.434	138	385355	47.509	ng	95
63) Azobenzene	15.698	77	1397081	42.964	ng	98
65) 4,6-Dinitro-2-methylph...	15.492	198	279236	49.084	ng	96
66) n-Nitrosodiphenylamine	15.616	169	1293473	48.025	ng	100
67) 4-Bromophenyl-phenylether	16.310	248	474794	48.110	ng	98
68) Hexachlorobenzene	16.428	284	573697	48.921	ng	97
69) Atrazine	16.598	200	460989	67.203	ng	99
70) Pentachlorophenol	16.786	266	830680	101.537	ng	99
71) Phenanthrene	17.181	178	2300738	46.738	ng	100
72) Anthracene	17.269	178	2360129	49.746	ng	99
73) Carbazole	17.557	167	2269328	48.954	ng	100
74) Di-n-butylphthalate	18.139	149	2800596	48.492	ng	100
75) Fluoranthene	19.257	202	2708288	46.259	ng	99
77) Benzidine	19.463	184	633640	51.241	ng	99
78) Pyrene	19.633	202	2836976	45.760	ng	99
80) Butylbenzylphthalate	20.586	149	1326774	49.964	ng	98
81) Benzo(a)anthracene	21.551	228	2934263	48.391	ng	100
82) 3,3'-Dichlorobenzidine	21.480	252	818606	38.464	ng	100
83) Chrysene	21.627	228	2758378	47.483	ng	99
84) Bis(2-ethylhexyl)phtha...	21.492	149	1925286	49.457	ng	99
85) Di-n-octyl phthalate	22.769	149	3213381	50.775	ng	99
87) Indeno(1,2,3-cd)pyrene	28.721	276	4137327m	51.853	ng	
88) Benzo(b)fluoranthene	23.863	252	3216137	46.685	ng	98
89) Benzo(k)fluoranthene	23.933	252	3139122	47.174	ng	99
90) Benzo(a)pyrene	24.763	252	3093609	52.060	ng	98
91) Dibenzo(a,h)anthracene	28.792	278	3404772	51.411	ng	99
92) Benzo(g,h,i)perylene	29.892	276	3356752m	49.796	ng	

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

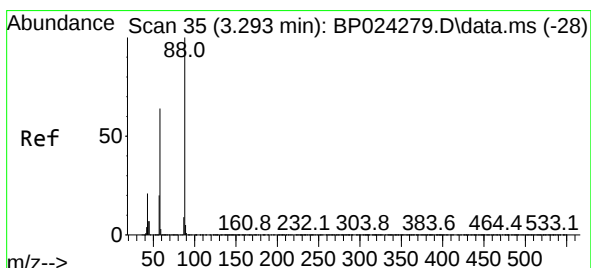
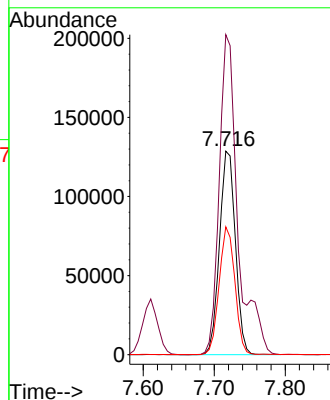
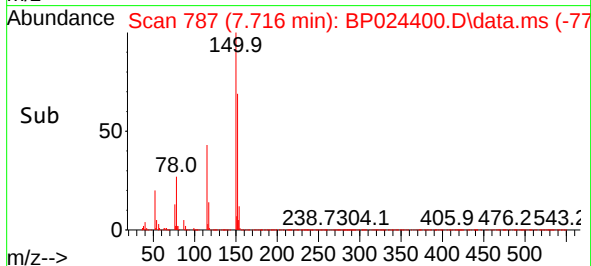
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD



Tgt Ion:152 Resp: 19944
Ion Ratio Lower Upper
152 100
150 157.2 124.9 187.3
115 62.8 47.7 71.5

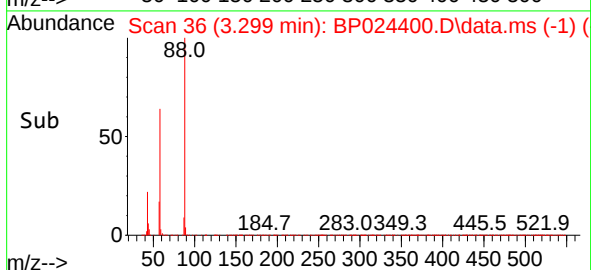
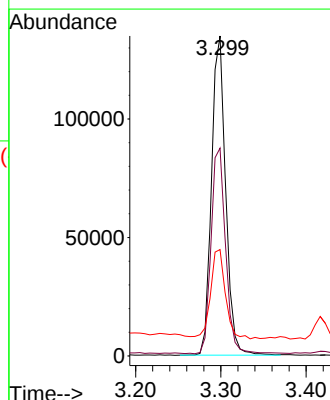
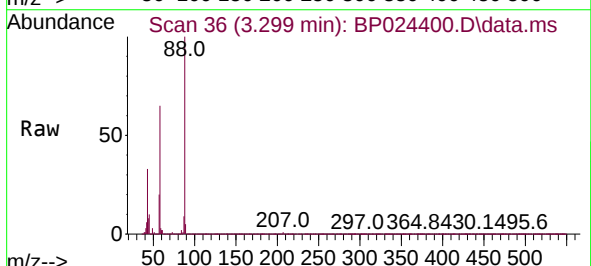
Manual Integrations
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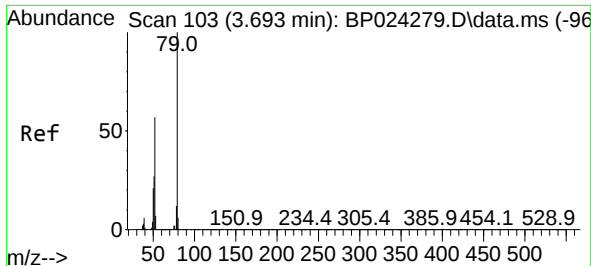
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#2
1,4-Dioxane
Concen: 30.423 ng
RT: 3.299 min Scan# 36
Delta R.T. 0.012 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

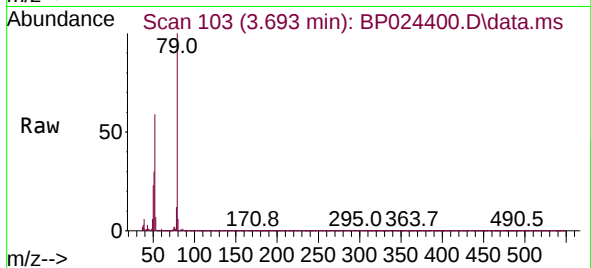
Tgt Ion: 88 Resp: 155220
Ion Ratio Lower Upper
88 100
58 66.0 51.4 77.2
43 29.3 17.1 25.7#





#3
Pyridine
Concen: 29.061 ng
RT: 3.693 min Scan# 103
Delta R.T. 0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

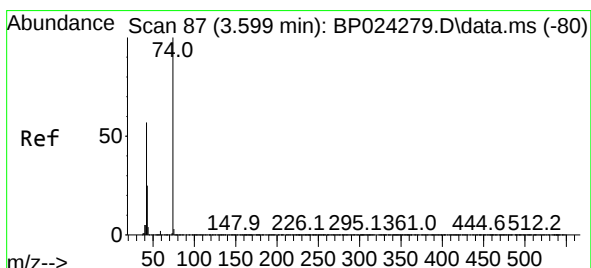
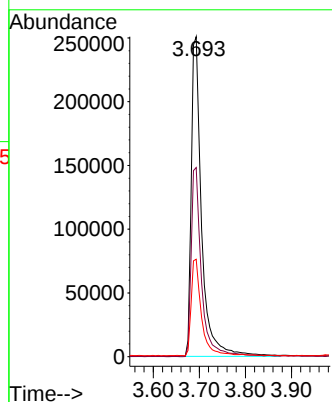
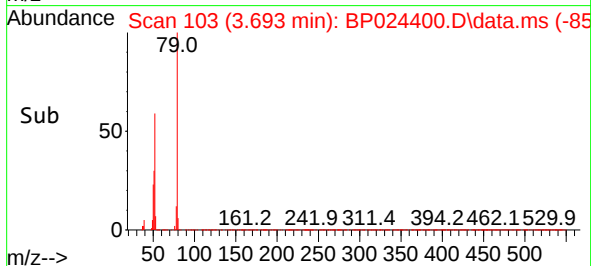
Instrument :
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ClientSampleId :
PL-714-COMP-08MSD



Tgt Ion: 79 Resp: 39151
Ion Ratio Lower Upper
79 100
52 59.1 45.4 68.2
51 30.5 22.6 33.8

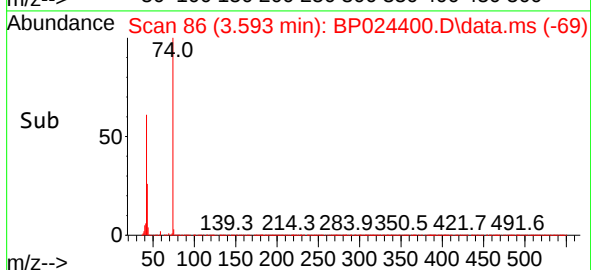
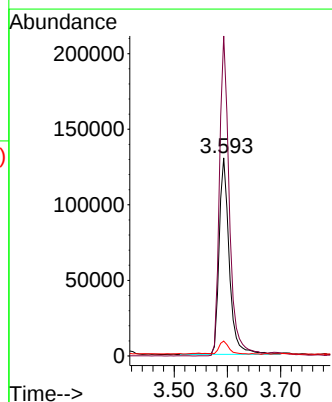
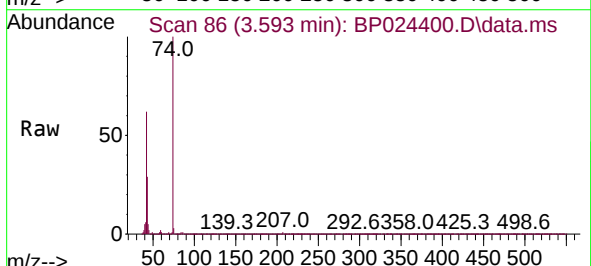
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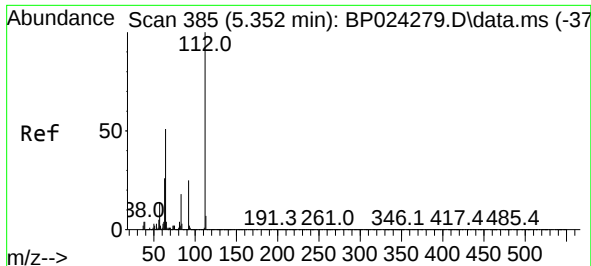
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Supervised By :Jagrut Upadhyay 04/24/2025



#4
n-Nitrosodimethylamine
Concen: 38.462 ng
RT: 3.593 min Scan# 86
Delta R.T. 0.000 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Tgt Ion: 42 Resp: 171972
Ion Ratio Lower Upper
42 100
74 161.6 139.5 209.3
44 7.5 5.8 8.8





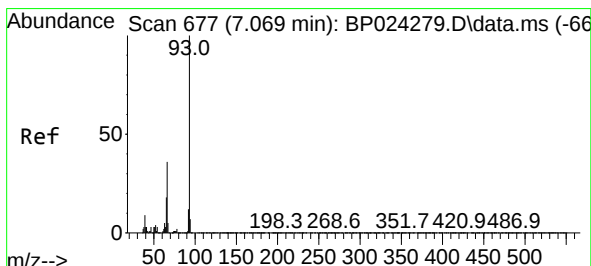
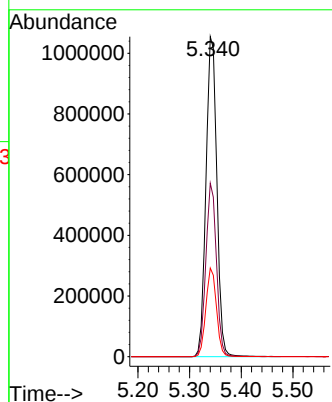
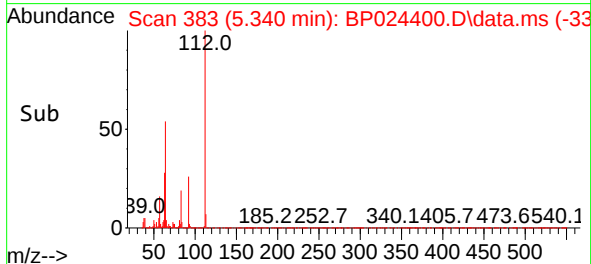
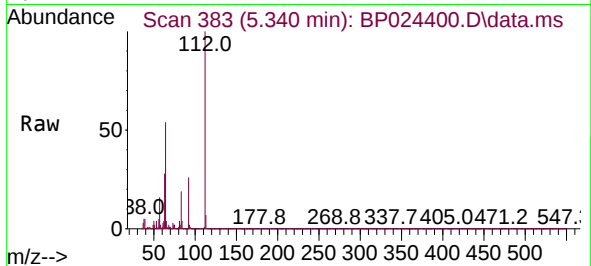
#5
2-Fluorophenol
Concen: 127.647 ng
RT: 5.340 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Instrument :
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PL-714-COMP-08MSD

Tgt Ion:112 Resp: 153970
Ion Ratio Lower Upper
112 100
64 54.2 41.1 61.7
63 27.7 20.6 30.8

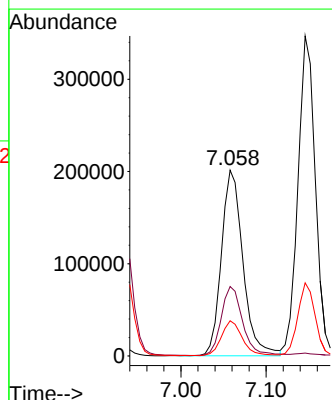
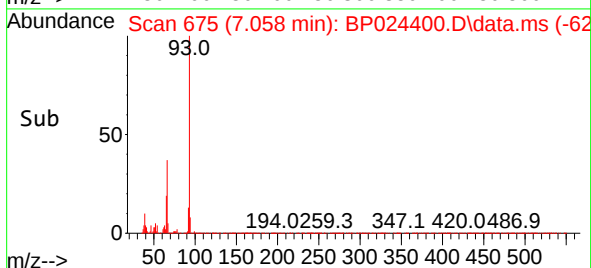
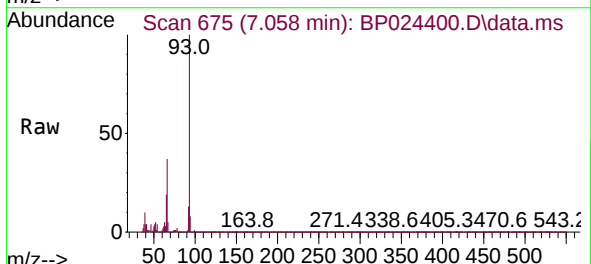
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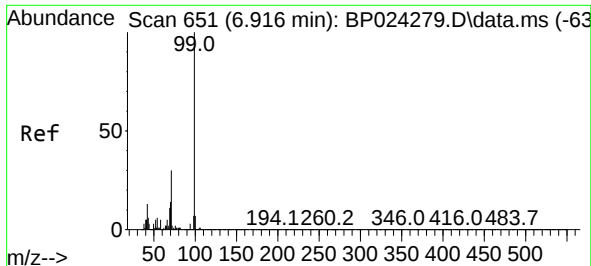
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#6
Aniline
Concen: 24.032 ng
RT: 7.058 min Scan# 675
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

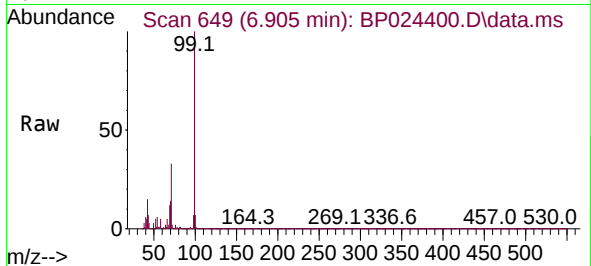
Tgt Ion: 93 Resp: 354696
Ion Ratio Lower Upper
93 100
66 37.4 29.1 43.7
65 19.0 14.7 22.1





#7
Phenol-d6
Concen: 115.380 ng
RT: 6.905 min Scan# 649
Delta R.T. -0.006 min
Lab File: BP024400.D
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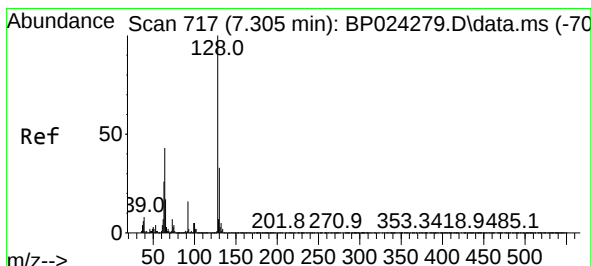
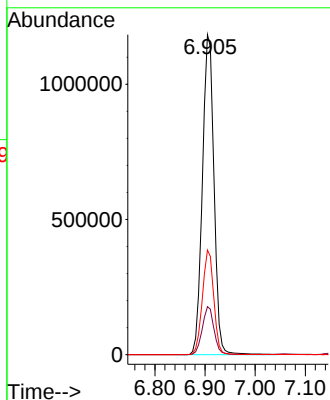
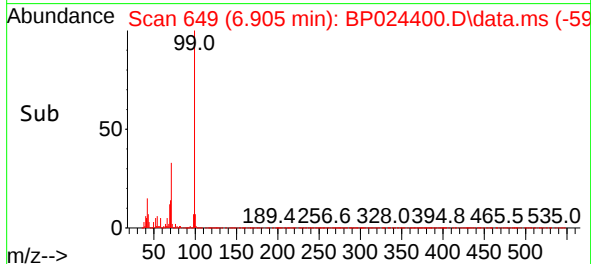
Instrument :
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Tgt Ion: 99 Resp: 190568
Ion Ratio Lower Upper
99 100
42 15.0 10.6 16.0
71 32.7 23.7 35.5

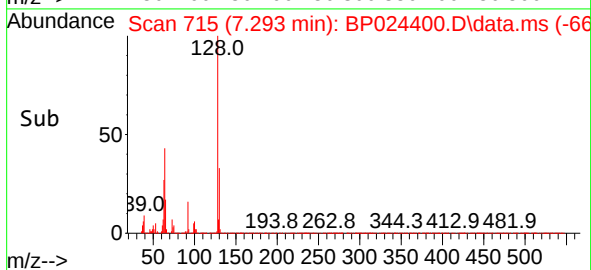
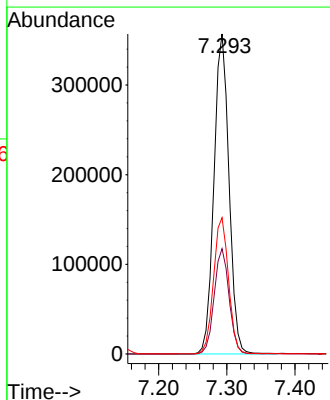
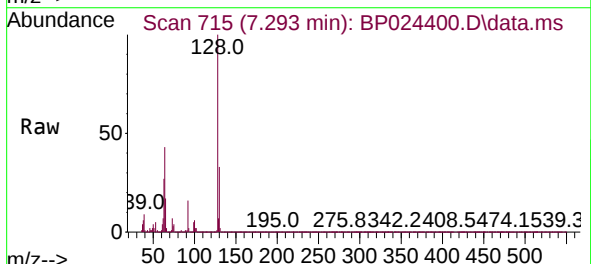
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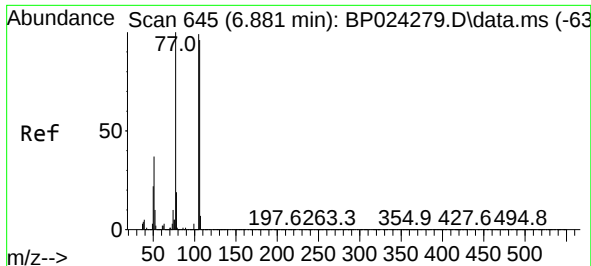
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#8
2-Chlorophenol
Concen: 40.612 ng
RT: 7.293 min Scan# 715
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Tgt Ion:128 Resp: 546933
Ion Ratio Lower Upper
128 100
130 32.9 12.9 52.9
64 42.6 22.7 62.7





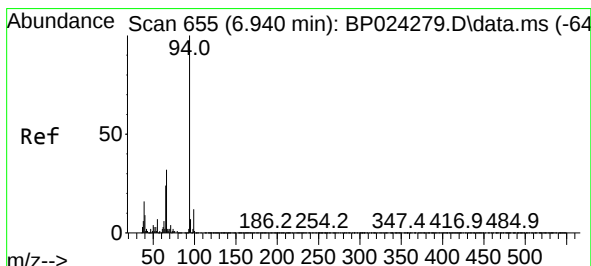
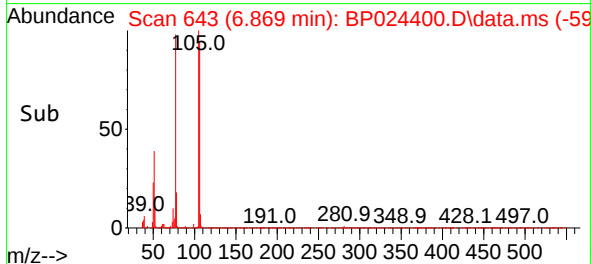
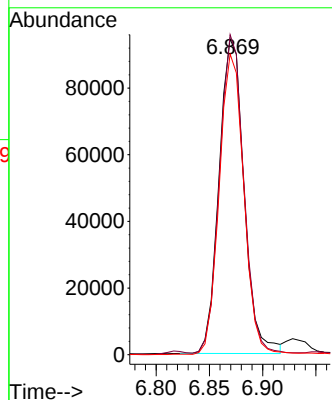
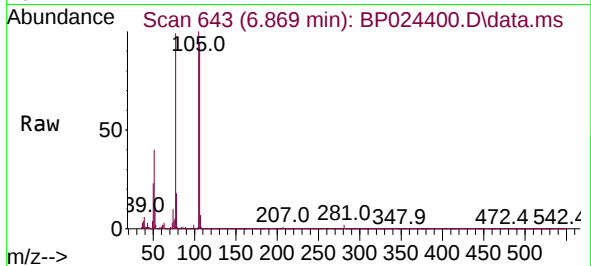
#9
Benzaldehyde
Concen: 18.781 ng
RT: 6.869 min Scan# 645
Delta R.T. -0.012 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion: 77 Resp: 15344
Ion Ratio Lower Upper
77 100
105 101.3 79.2 119.2
106 95.2 76.2 116.2

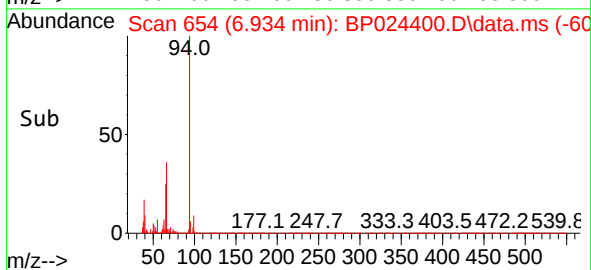
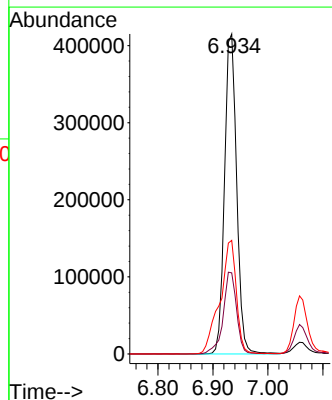
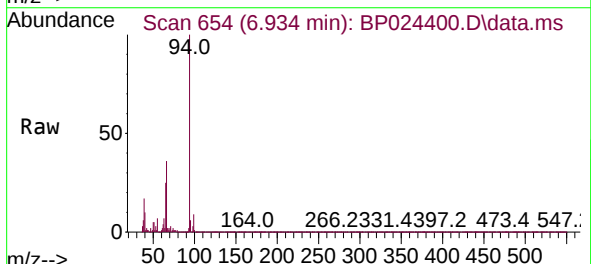
Manual Integrations
APPROVED

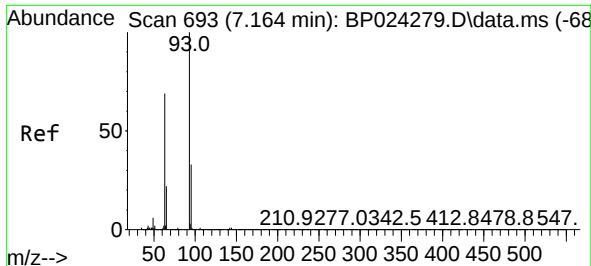
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#10
Phenol
Concen: 38.278 ng
RT: 6.934 min Scan# 654
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Tgt Ion: 94 Resp: 634208
Ion Ratio Lower Upper
94 100
65 25.4 4.5 44.5
66 35.5 12.4 52.4





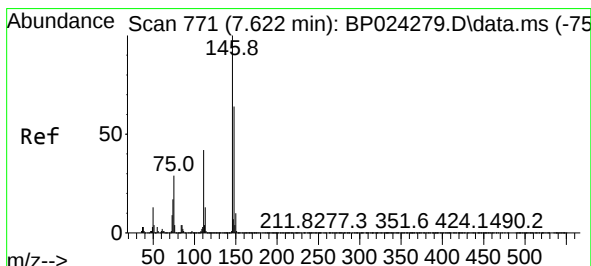
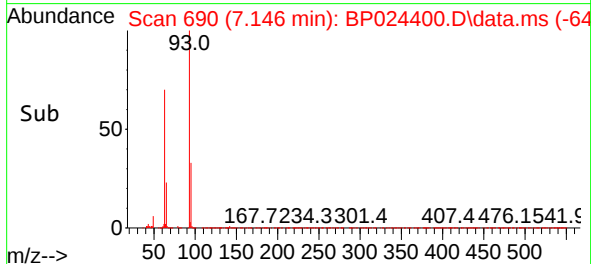
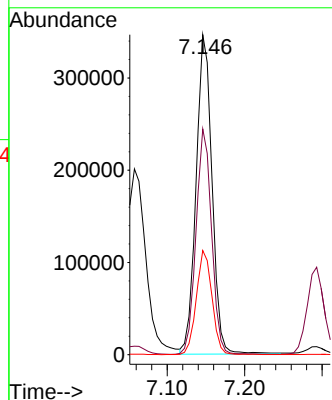
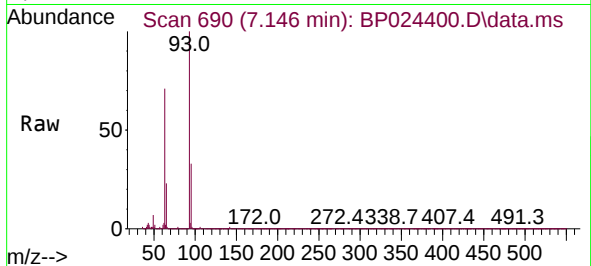
#11
bis(2-Chloroethyl)ether
Concen: 37.065 ng
RT: 7.146 min Scan# 693
Delta R.T. -0.012 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD

Tgt Ion: 93 Resp: 494800
Ion Ratio Lower Upper
93 100
63 70.5 48.6 88.6
95 32.6 12.3 52.3

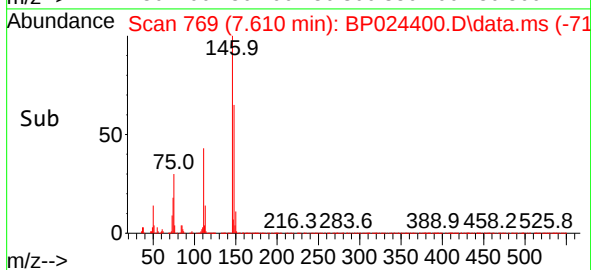
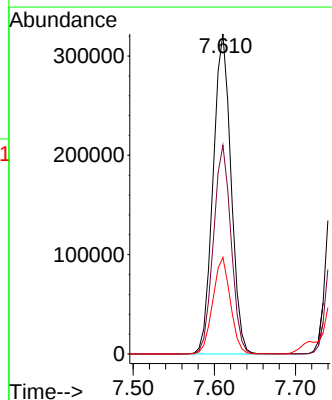
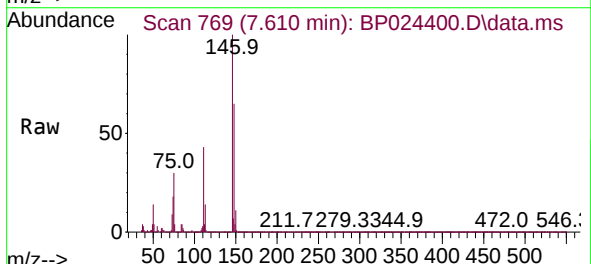
Manual Integrations
APPROVED

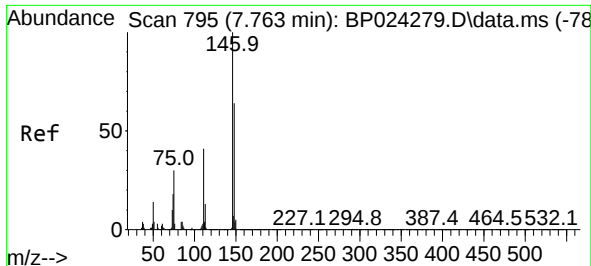
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#12
1,3-Dichlorobenzene
Concen: 34.073 ng
RT: 7.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

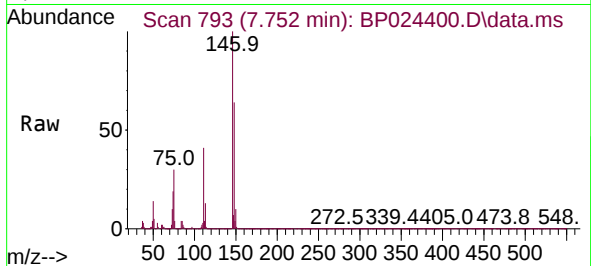
Tgt Ion:146 Resp: 494008
Ion Ratio Lower Upper
146 100
148 65.2 51.4 77.0
75 30.2 22.9 34.3





#13
1,4-Dichlorobenzene
Concen: 34.647 ng
RT: 7.752 min Scan# 795
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

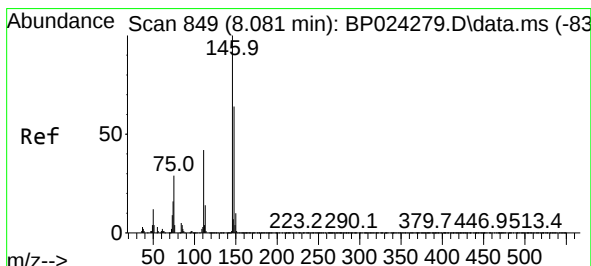
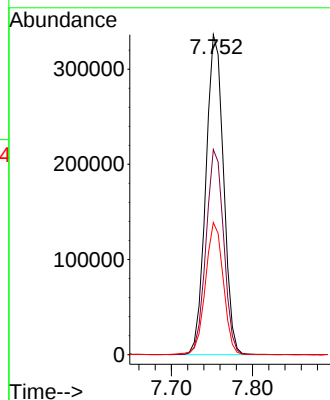
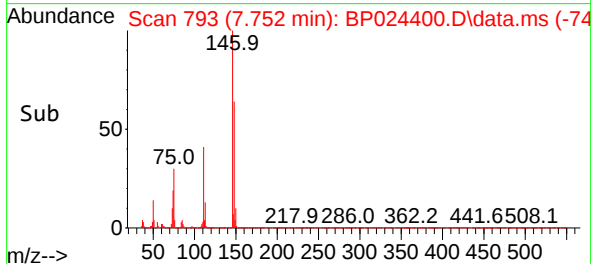
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD



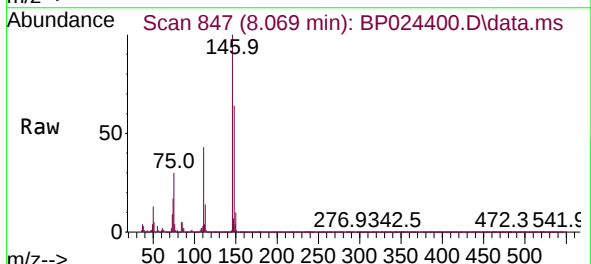
Tgt Ion:146 Resp: 509679
Ion Ratio Lower Upper
146 100
148 64.1 51.1 76.7
111 41.3 32.6 48.8

Manual Integrations
APPROVED

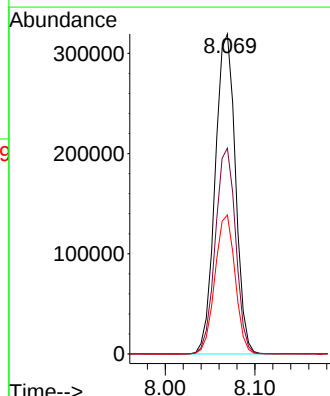
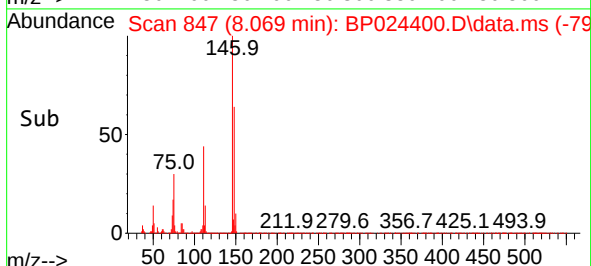
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

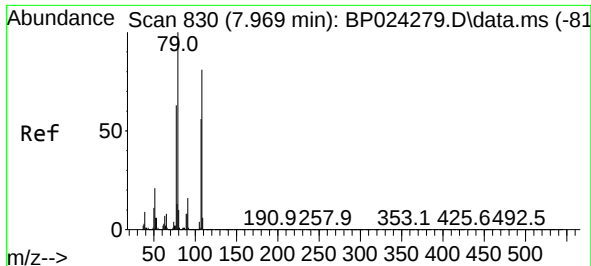


#14
1,2-Dichlorobenzene
Concen: 35.280 ng
RT: 8.069 min Scan# 847
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35



Tgt Ion:146 Resp: 501149
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.4
111 43.5 33.8 50.8





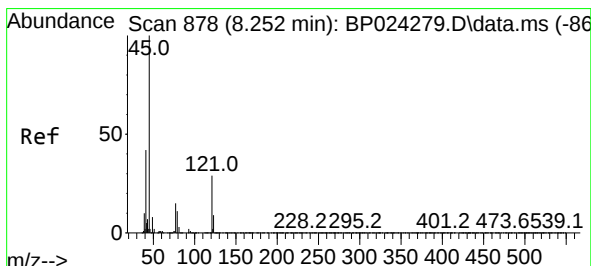
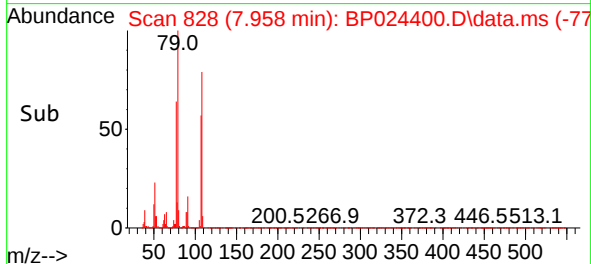
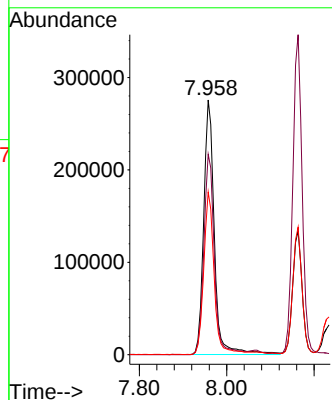
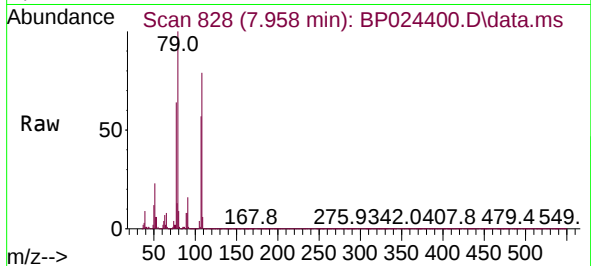
#15
Benzyl Alcohol
Concen: 43.896 ng
RT: 7.958 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD

Tgt Ion: 79 Resp: 46887
Ion Ratio Lower Upper
79 100
108 78.7 65.1 97.7
77 63.9 50.7 76.1

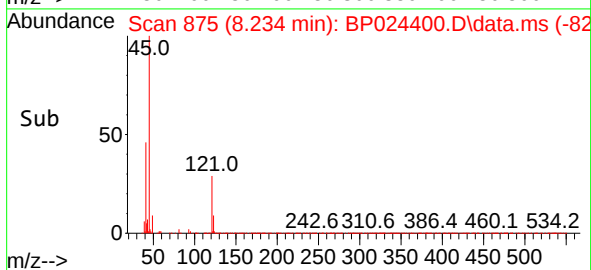
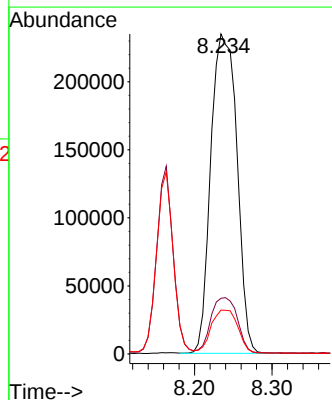
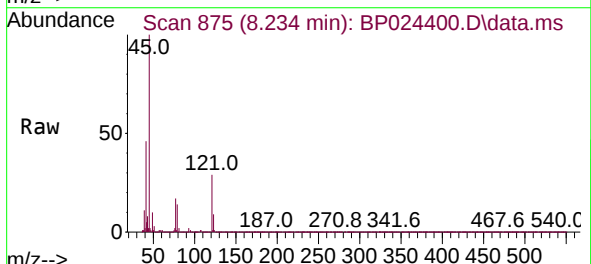
Manual Integrations
APPROVED

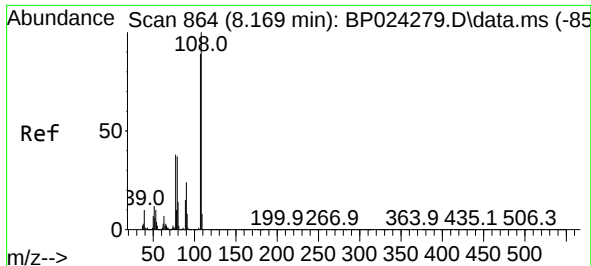
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.048 ng
RT: 8.234 min Scan# 875
Delta R.T. -0.012 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Tgt Ion: 45 Resp: 549012
Ion Ratio Lower Upper
45 100
77 17.4 0.0 37.7
79 13.7 0.0 33.5





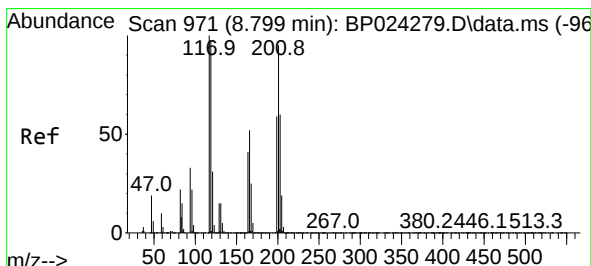
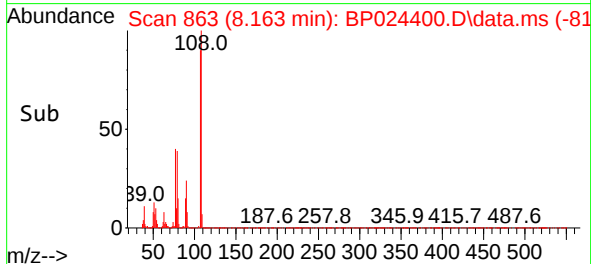
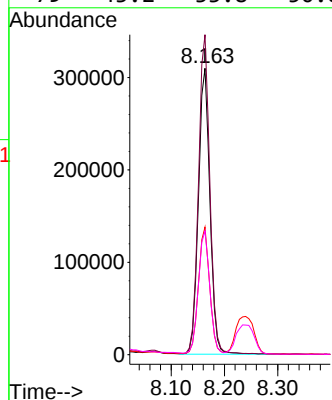
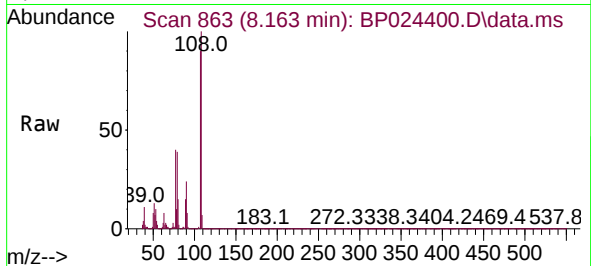
#17
2-Methylphenol
Concen: 43.291 ng
RT: 8.163 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD

Tgt Ion:107 Resp: 46400
Ion Ratio Lower Upper
107 100
108 111.7 89.8 134.6
77 44.5 34.2 51.4
79 43.2 33.8 50.8

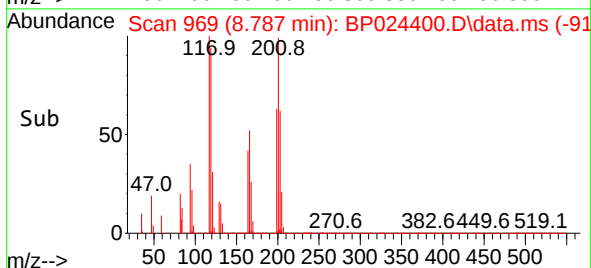
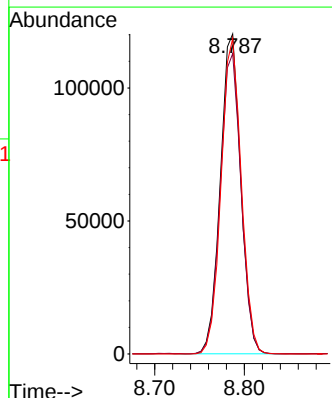
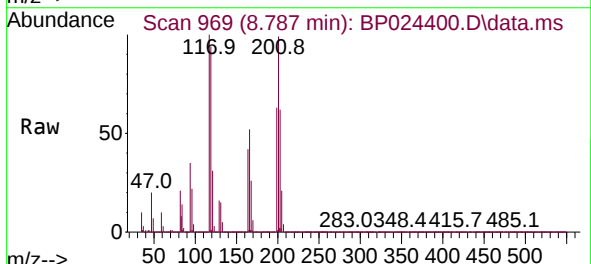
Manual Integrations
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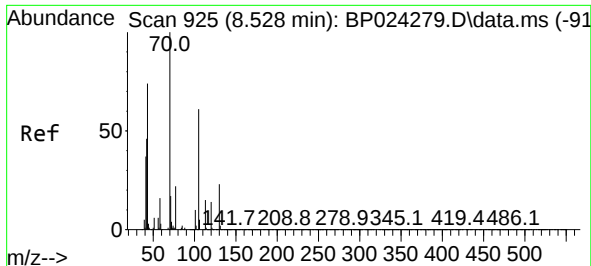
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#18
Hexachloroethane
Concen: 35.672 ng
RT: 8.787 min Scan# 969
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Tgt Ion:117 Resp: 189640
Ion Ratio Lower Upper
117 100
119 93.9 77.8 116.6
201 98.7 75.9 113.9





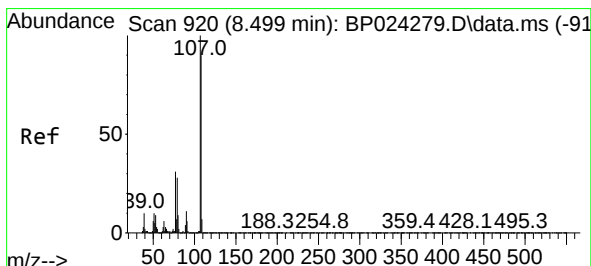
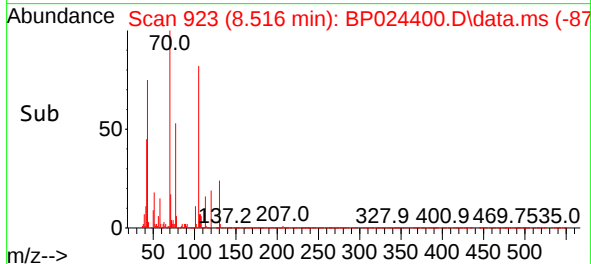
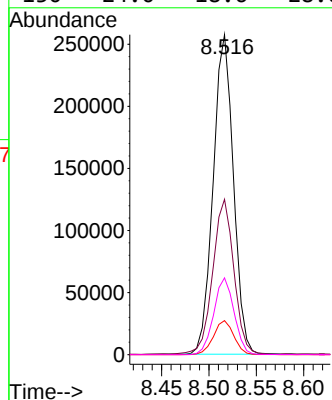
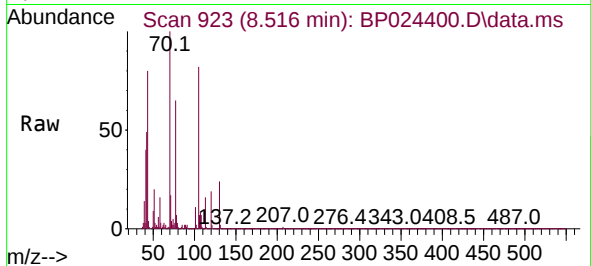
#19
n-Nitroso-di-n-propylamine
Concen: 37.503 ng
RT: 8.516 min Scan# 918
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD

Tgt Ion: 70 Resp: 38320
Ion Ratio Lower Upper
70 100
42 48.6 37.3 55.9
101 10.6 8.2 12.4
130 24.0 18.6 28.0

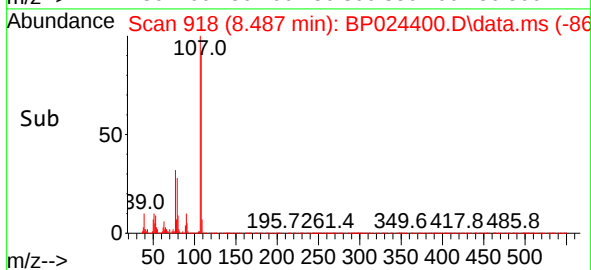
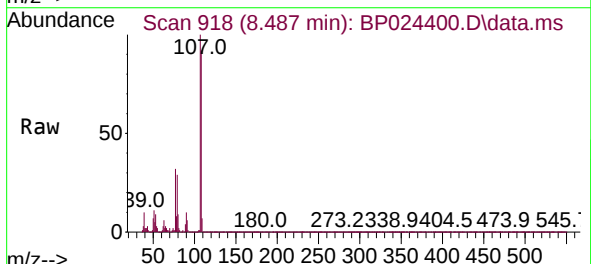
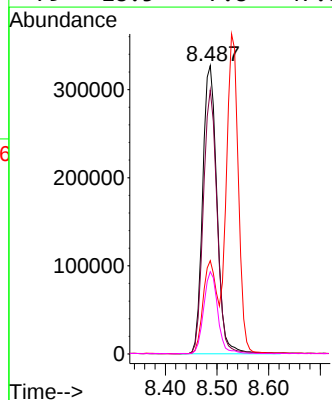
Manual Integrations
APPROVED

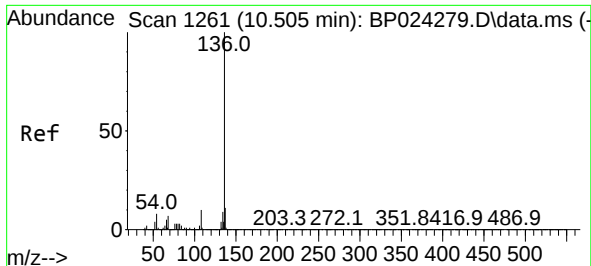
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#20
3+4-Methylphenols
Concen: 42.138 ng
RT: 8.487 min Scan# 918
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

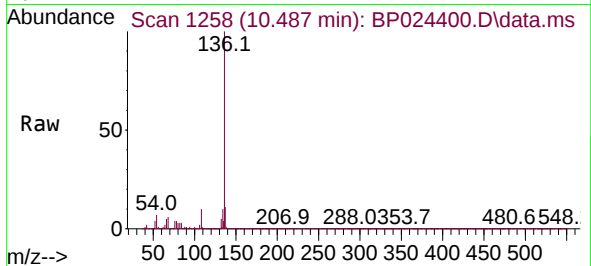
Tgt Ion:107 Resp: 626681
Ion Ratio Lower Upper
107 100
108 91.5 69.8 109.8
77 32.4 11.5 51.5
79 28.5 7.8 47.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.012 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

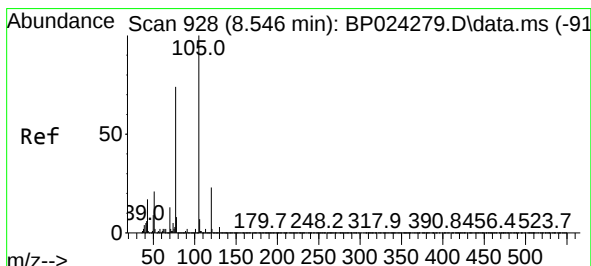
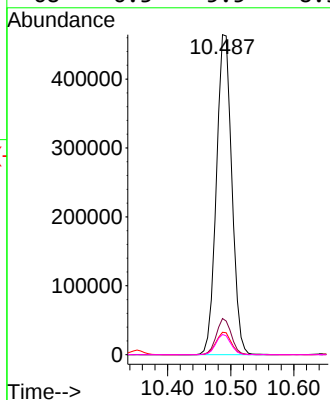
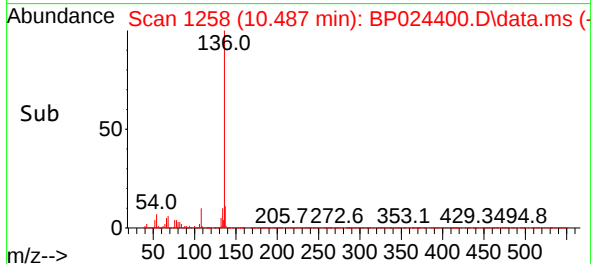
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD



Tgt Ion:136 Resp: 78620
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 7.0 6.0 9.0
68 6.3 5.5 8.3

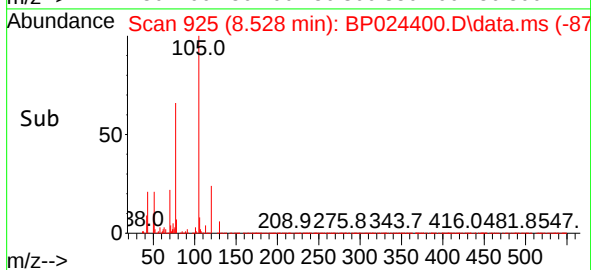
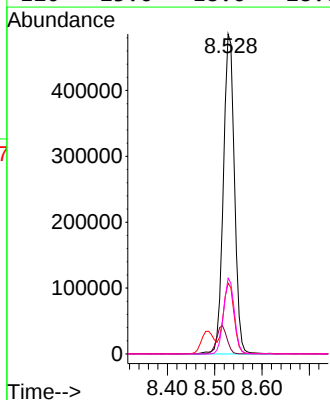
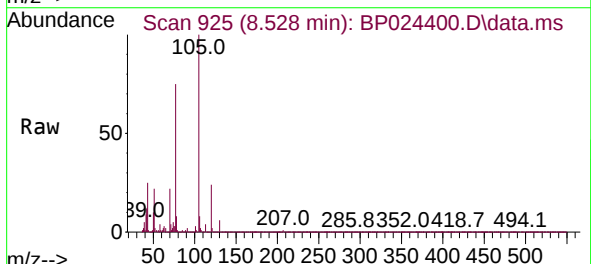
Manual Integrations
APPROVED

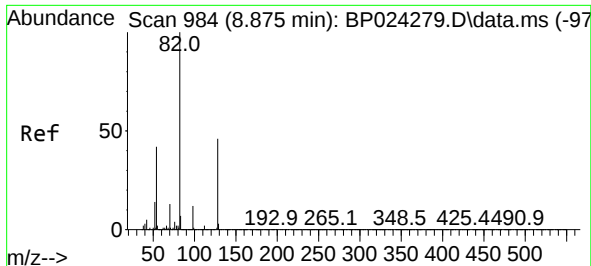
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#22
Acetophenone
Concen: 40.728 ng
RT: 8.528 min Scan# 925
Delta R.T. -0.012 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

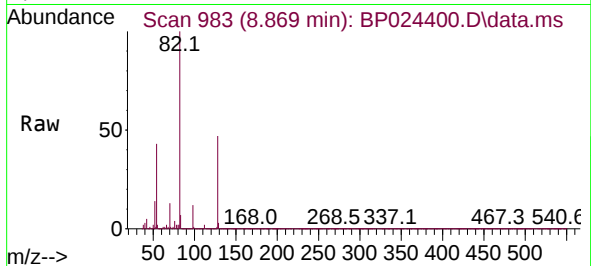
Tgt Ion:105 Resp: 792527
Ion Ratio Lower Upper
105 100
71 3.7 1.7 2.5#
51 22.1 16.9 25.3
120 23.6 18.6 28.0





#23
Nitrobenzene-d5
Concen: 90.368 ng
RT: 8.869 min Scan# 910
Delta R.T. 0.000 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

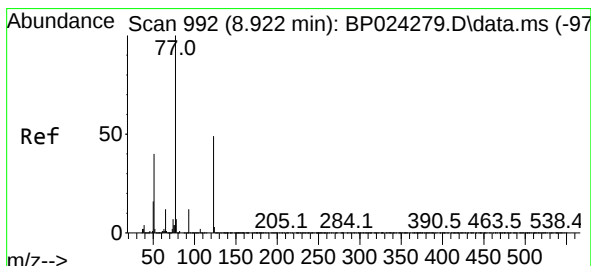
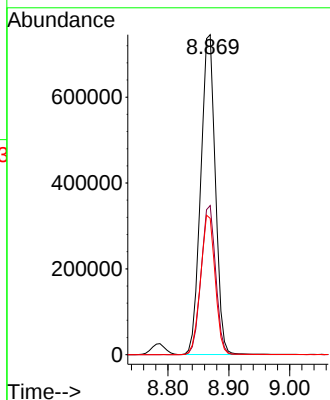
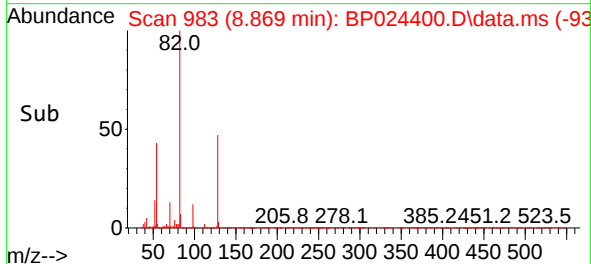
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD



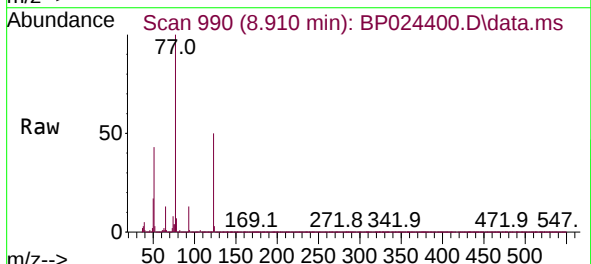
Tgt Ion: 82 Resp: 124598
Ion Ratio Lower Upper
82 100
128 46.6 36.5 54.7
54 42.6 33.4 50.2

Manual Integrations
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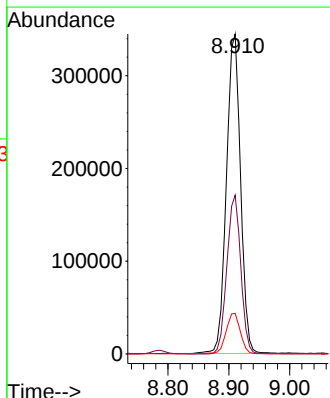
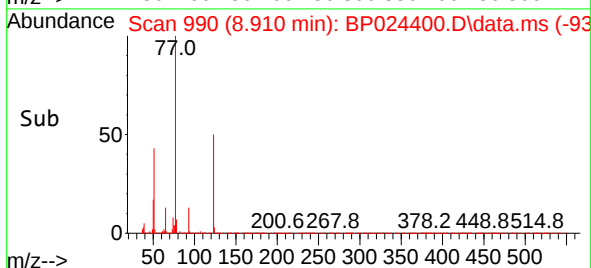
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

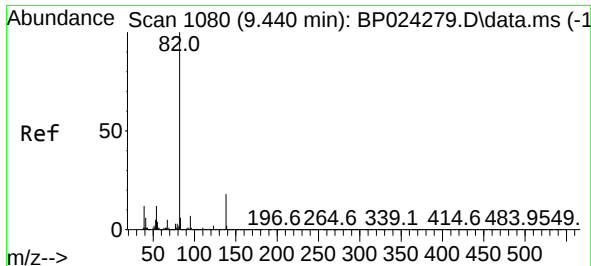


#24
Nitrobenzene
Concen: 40.628 ng
RT: 8.910 min Scan# 990
Delta R.T. 0.000 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35



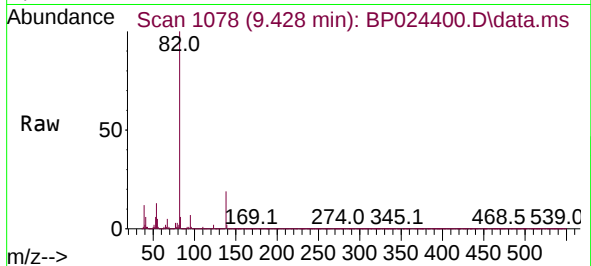
Tgt Ion: 77 Resp: 554161
Ion Ratio Lower Upper
77 100
123 49.6 39.2 58.8
65 12.7 9.8 14.6





#25
Isophorone
Concen: 44.169 ng
RT: 9.428 min Scan# 1107
Delta R.T. 0.000 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

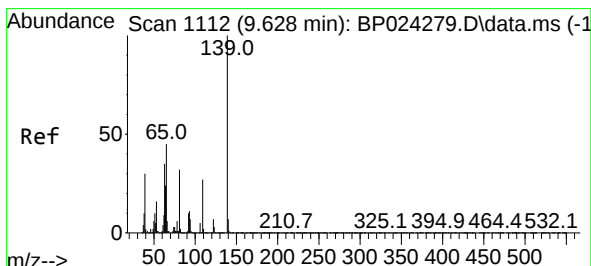
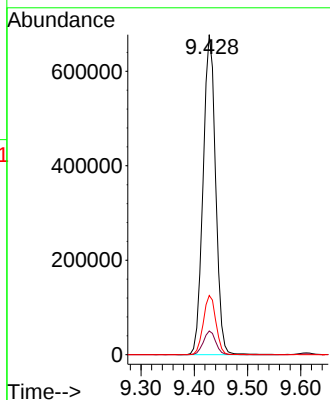
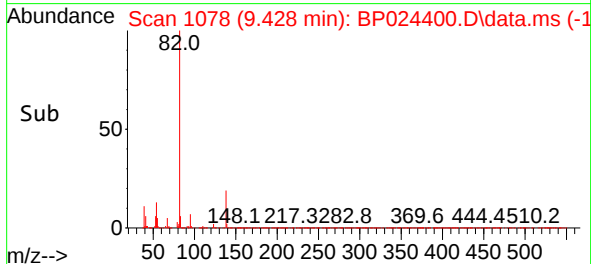
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD



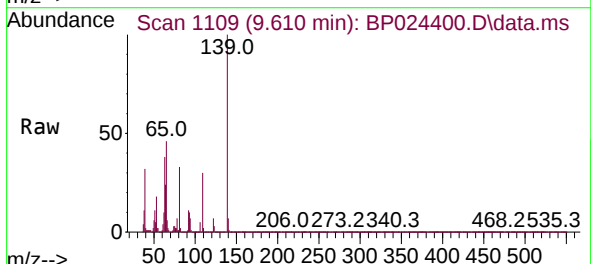
Tgt Ion: 82 Resp: 1102338
Ion Ratio Lower Upper
82 100
95 7.4 5.4 8.2
138 18.5 14.4 21.6

Manual Integrations
APPROVED

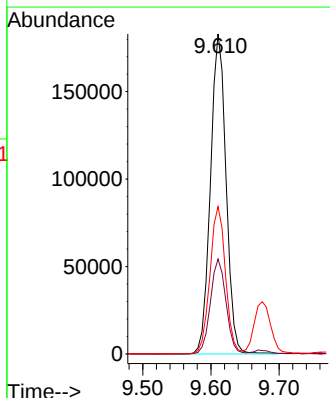
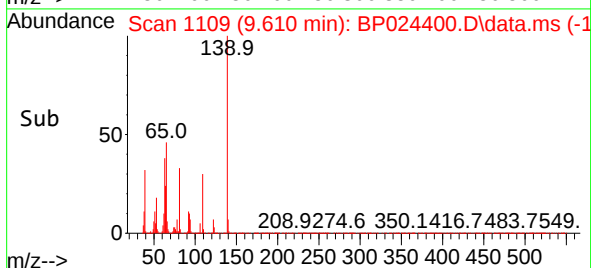
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

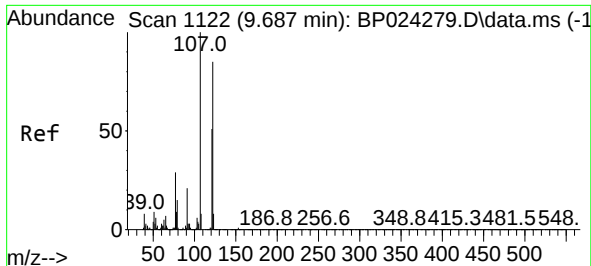


#26
2-Nitrophenol
Concen: 43.639 ng
RT: 9.610 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35



Tgt Ion:139 Resp: 291287
Ion Ratio Lower Upper
139 100
109 29.7 21.8 32.6
65 46.1 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 62.888 ng

RT: 9.675 min Scan# 1122

Delta R.T. -0.006 min

Lab File: BP024400.D

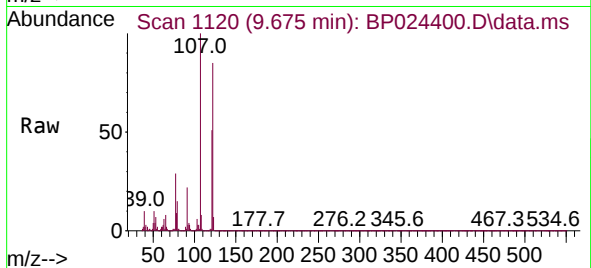
Acq: 23 Apr 2025 17:35

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-08MSD



Tgt Ion: 122 Resp: 52708

Ion Ratio Lower Upper

122 100

107 117.0 93.7 140.5

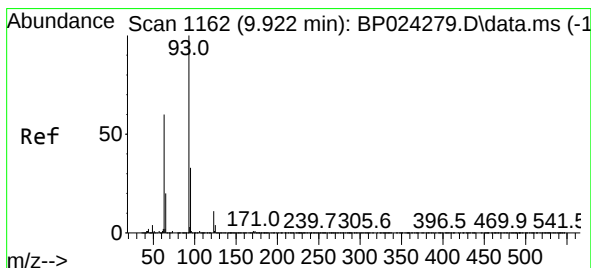
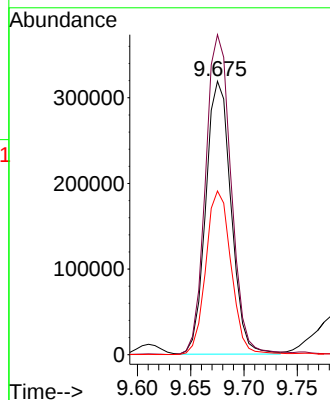
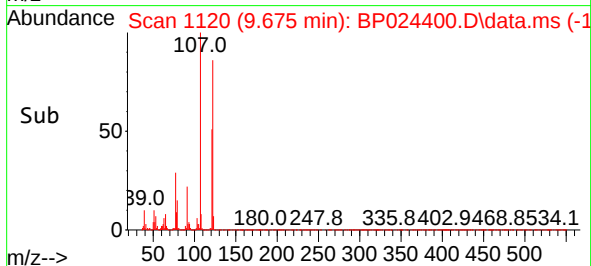
121 59.9 48.2 72.2

Manual Integrations

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Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025



#28

bis(2-Chloroethoxy)methane

Concen: 40.753 ng

RT: 9.904 min Scan# 1159

Delta R.T. -0.006 min

Lab File: BP024400.D

Acq: 23 Apr 2025 17:35

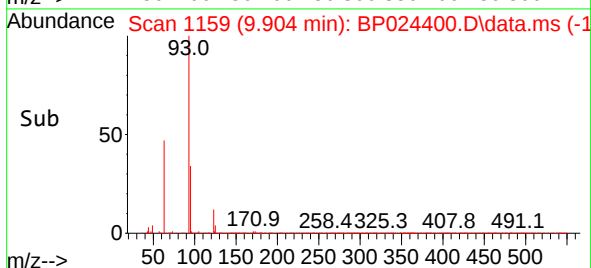
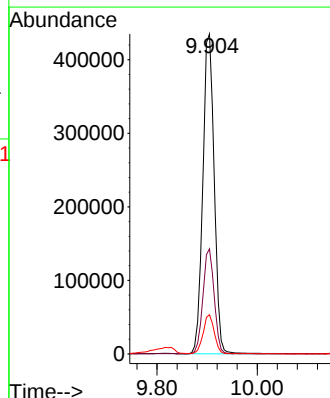
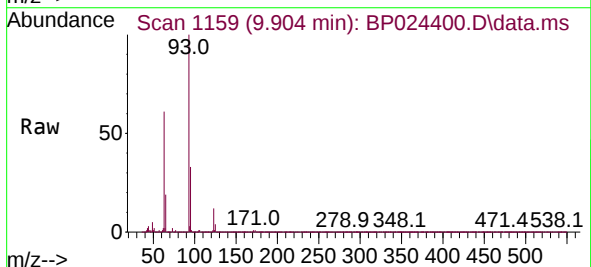
Tgt Ion: 93 Resp: 687080

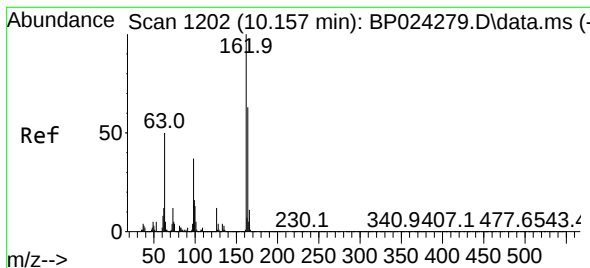
Ion Ratio Lower Upper

93 100

95 32.8 26.0 39.0

123 12.2 9.1 13.7





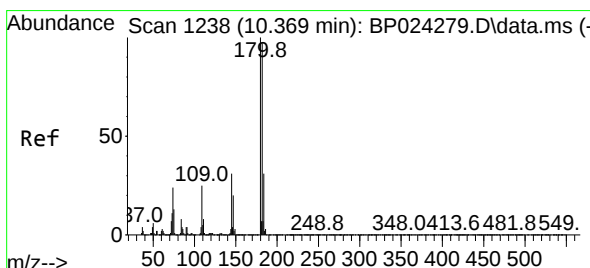
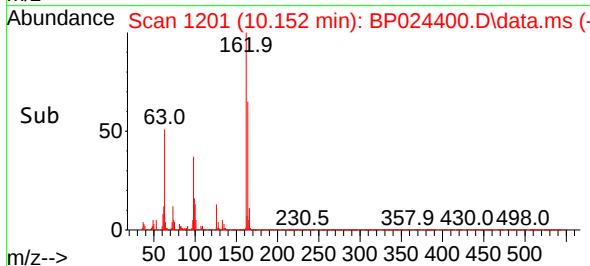
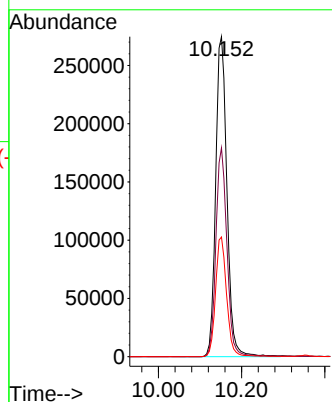
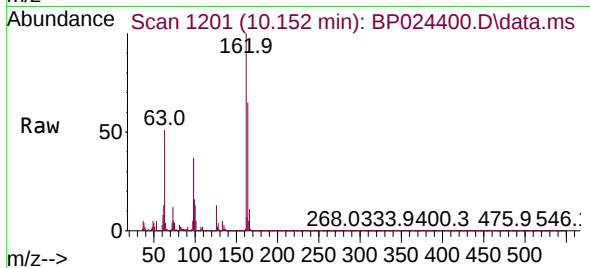
#29
2,4-Dichlorophenol
Concen: 45.042 ng
RT: 10.152 min Scan# 1202
Delta R.T. 0.000 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD

Tgt Ion:162 Resp: 514725
Ion Ratio Lower Upper
162 100
164 65.2 43.3 83.3
98 37.4 16.6 56.6

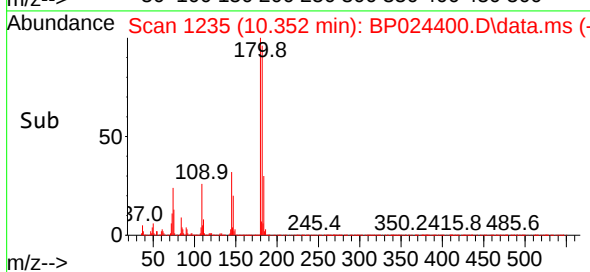
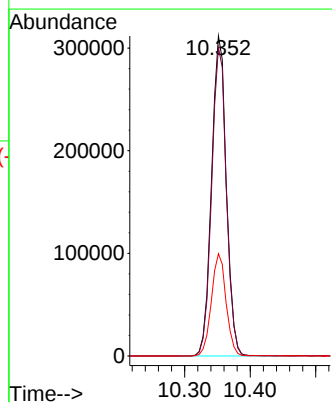
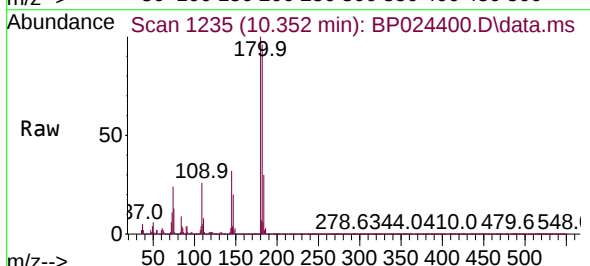
Manual Integrations
APPROVED

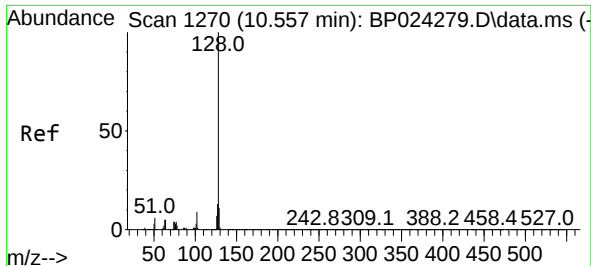
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#30
1,2,4-Trichlorobenzene
Concen: 39.818 ng
RT: 10.352 min Scan# 1235
Delta R.T. -0.012 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

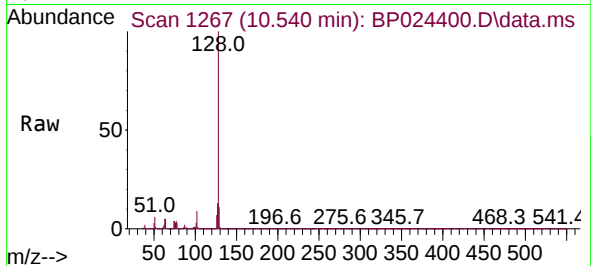
Tgt Ion:180 Resp: 487527
Ion Ratio Lower Upper
180 100
182 96.5 77.3 115.9
145 32.0 25.1 37.7





#31
Naphthalene
Concen: 38.026 ng
RT: 10.540 min Scan# 1267
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

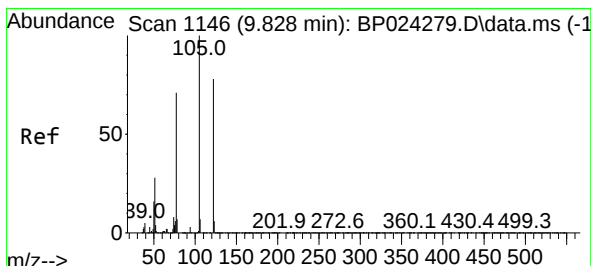
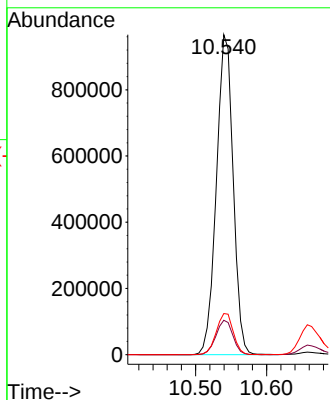
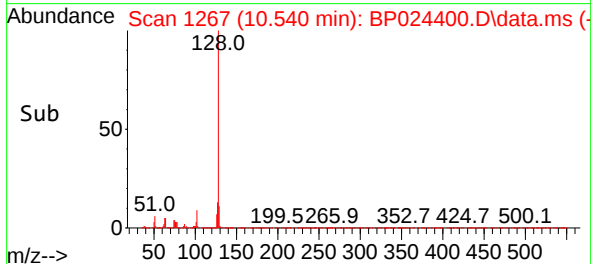
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD



Tgt Ion:128 Resp: 1574819
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 12.9 10.3 15.5

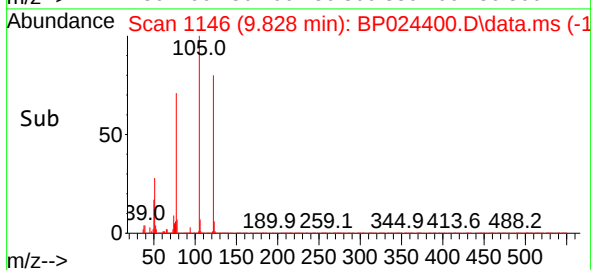
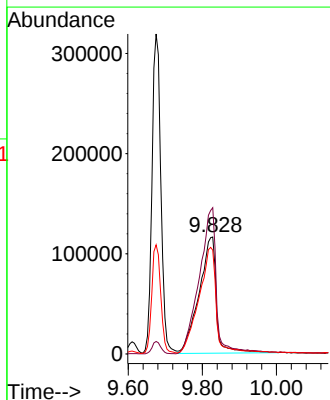
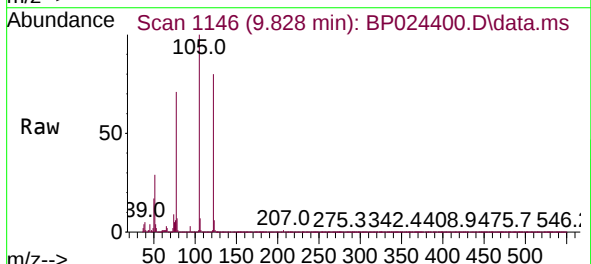
Manual Integrations
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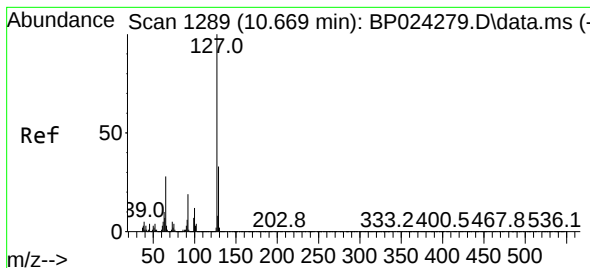
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#32
Benzoic acid
Concen: 38.801 ng
RT: 9.828 min Scan# 1146
Delta R.T. 0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

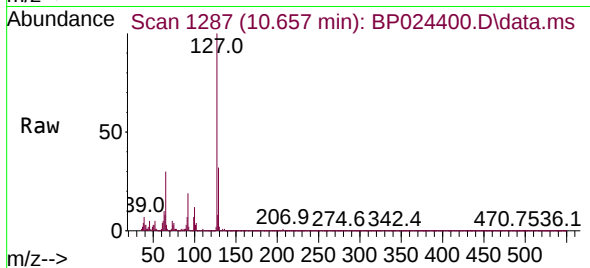
Tgt Ion:122 Resp: 378925
Ion Ratio Lower Upper
122 100
105 124.9 104.8 144.8
77 88.7 69.2 109.2





#33
4-Chloroaniline
Concen: 13.465 ng
RT: 10.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

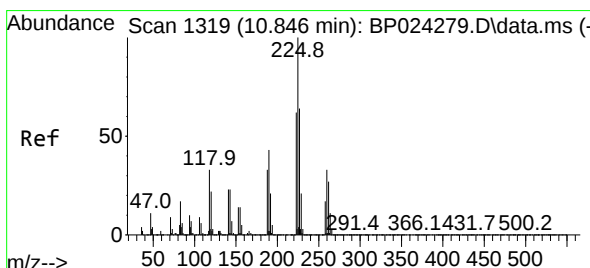
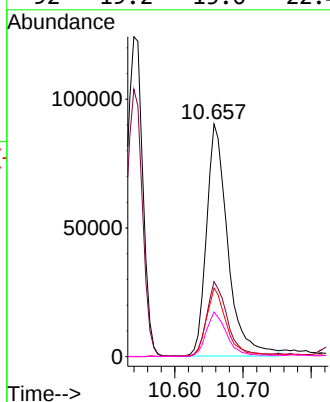
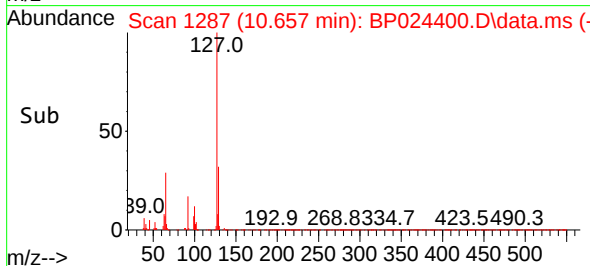
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD



Tgt Ion:127 Resp: 196379
Ion Ratio Lower Upper
127 100
129 32.2 26.1 39.1
65 29.5 22.1 33.1
92 19.2 15.0 22.4

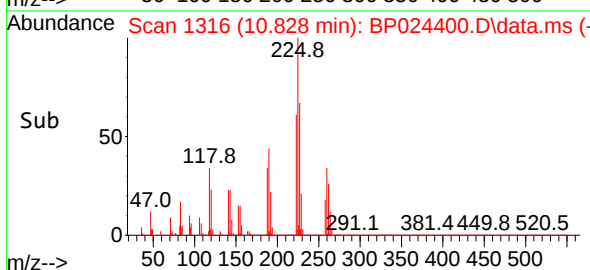
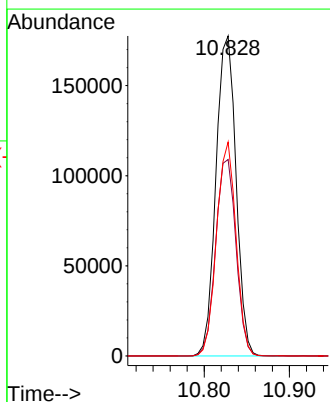
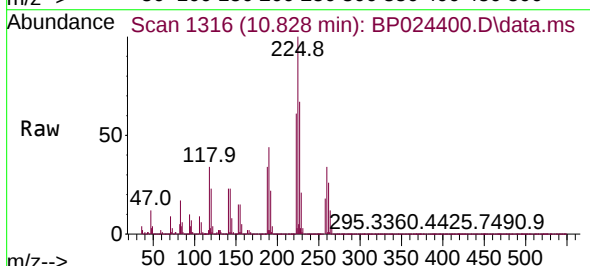
Manual Integrations
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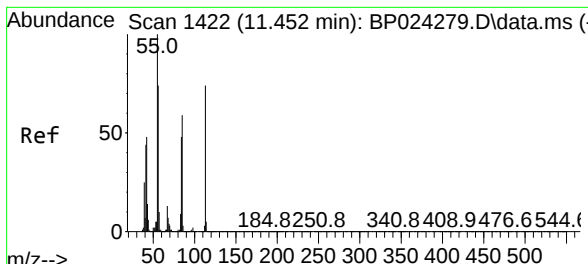
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#34
Hexachlorobutadiene
Concen: 40.364 ng
RT: 10.828 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

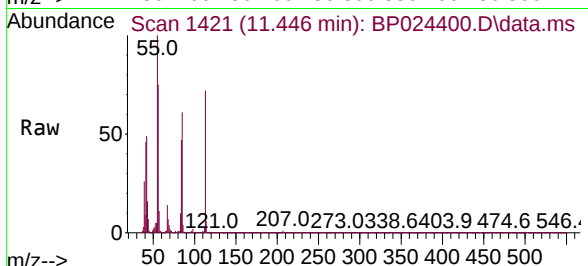
Tgt Ion:225 Resp: 290418
Ion Ratio Lower Upper
225 100
223 61.4 49.5 74.3
227 66.8 50.9 76.3





#35
Caprolactam
Concen: 38.929 ng
RT: 11.446 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

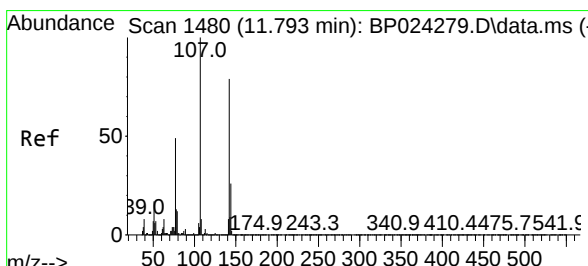
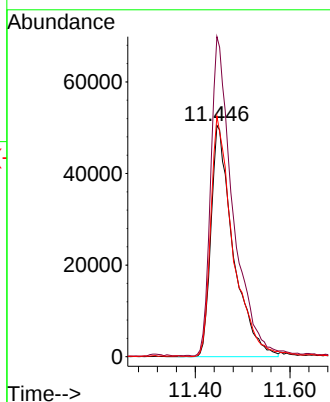
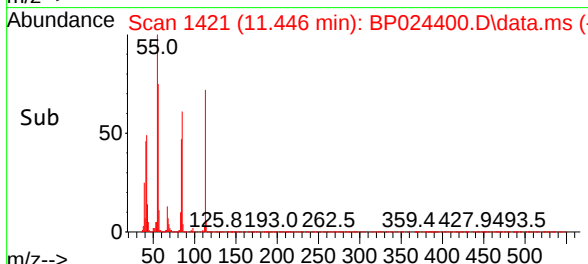
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD



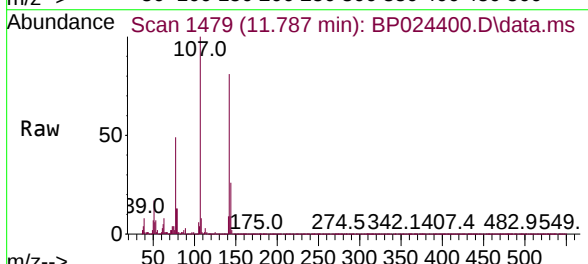
Tgt Ion:113 Resp: 16415
Ion Ratio Lower Upper
113 100
55 138.4 115.9 155.9
56 104.0 81.1 121.1

Manual Integrations
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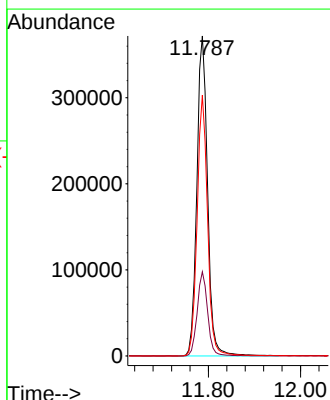
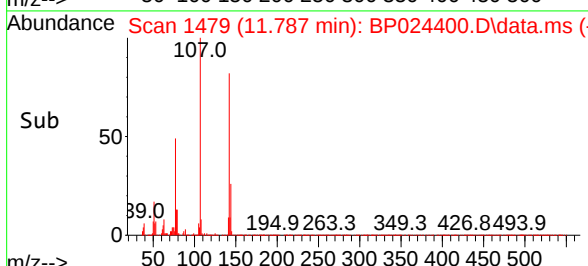
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

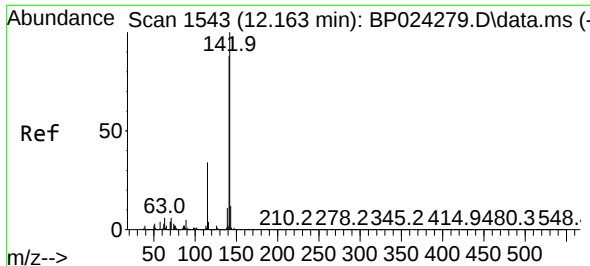


#36
4-Chloro-3-methylphenol
Concen: 45.106 ng
RT: 11.787 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35



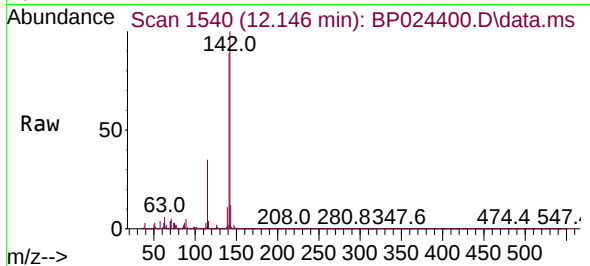
Tgt Ion:107 Resp: 600395
Ion Ratio Lower Upper
107 100
144 26.3 20.5 30.7
142 81.5 63.4 95.2





#37
2-Methylnaphthalene
Concen: 36.724 ng
RT: 12.146 min Scan# 1543
Delta R.T. -0.012 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

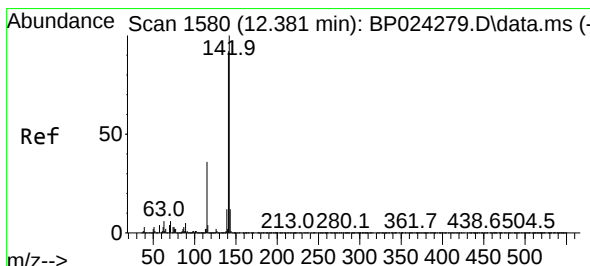
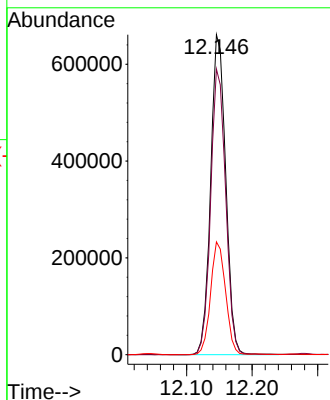
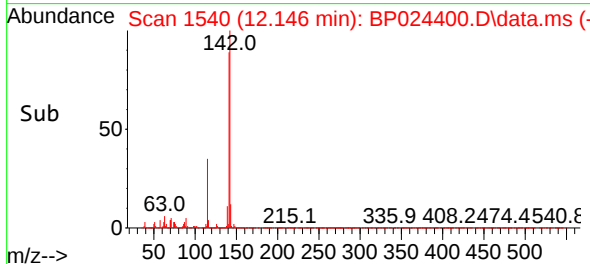
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD



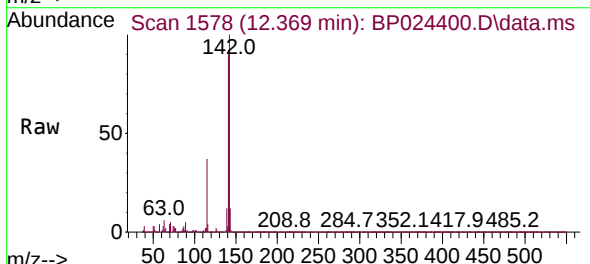
Tgt Ion:142 Resp: 105476
Ion Ratio Lower Upper
142 100
141 89.3 70.3 105.5
115 35.3 26.9 40.3

Manual Integrations
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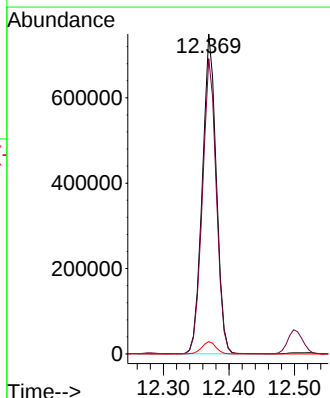
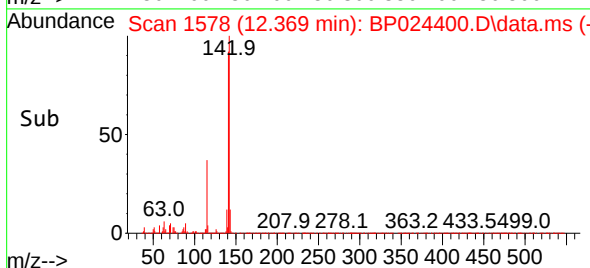
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

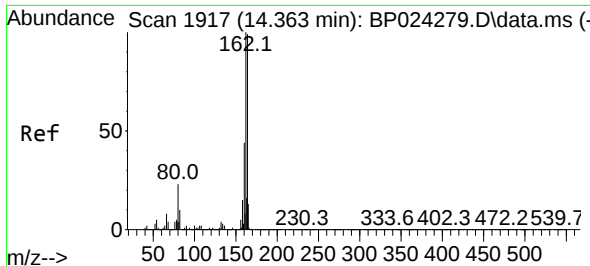


#38
1-Methylnaphthalene
Concen: 39.485 ng
RT: 12.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35



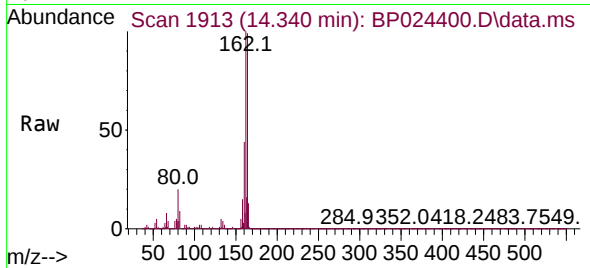
Tgt Ion:142 Resp: 1109423
Ion Ratio Lower Upper
142 100
141 92.3 73.6 110.4
116 3.8 3.0 4.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.340 min Scan# 1917
Delta R.T. -0.012 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

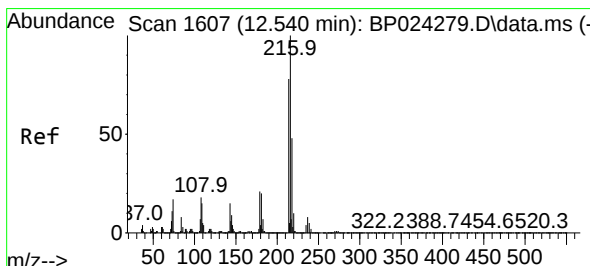
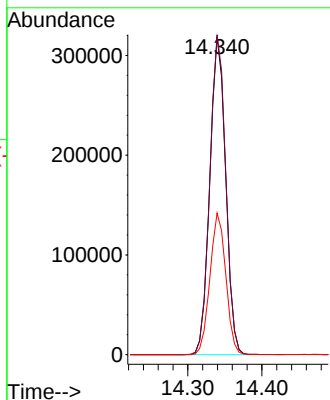
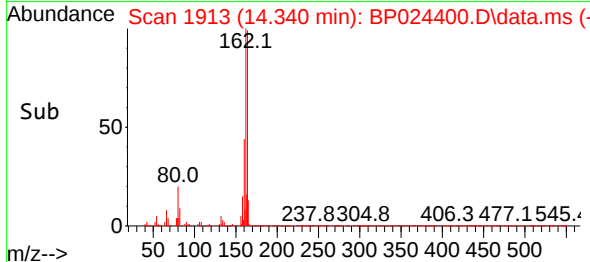
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD



Tgt Ion:164 Resp: 472089
Ion Ratio Lower Upper
164 100
162 100.7 80.6 120.8
160 44.6 35.3 52.9

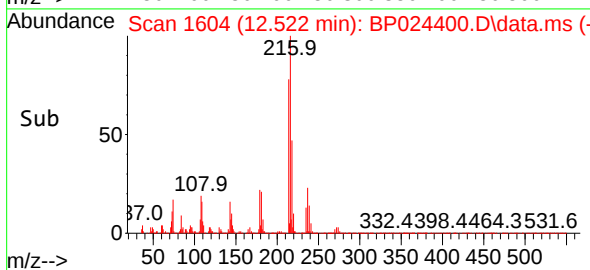
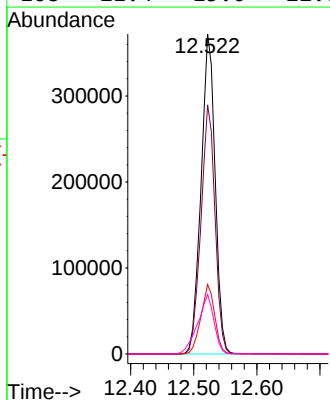
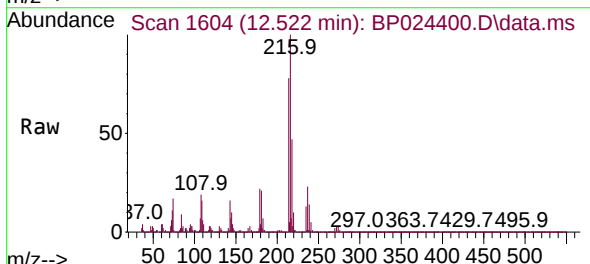
Manual Integrations
APPROVED

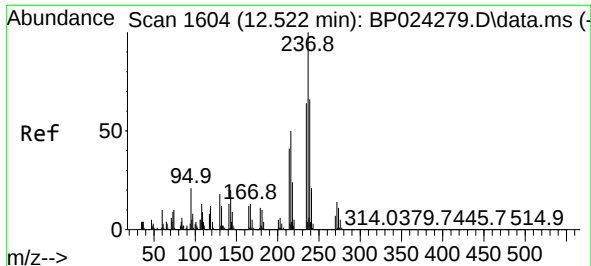
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.495 ng
RT: 12.522 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

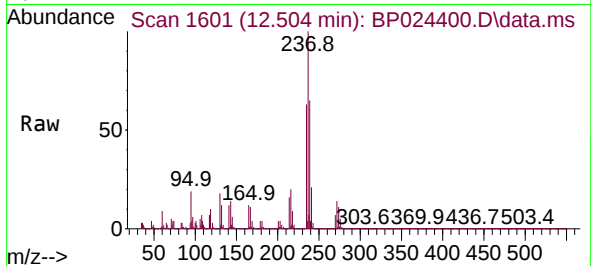
Tgt Ion:216 Resp: 577657
Ion Ratio Lower Upper
216 100
214 77.8 62.6 93.8
179 21.3 17.2 25.8
108 21.4 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 160.126 ng
RT: 12.504 min Scan# 1601
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

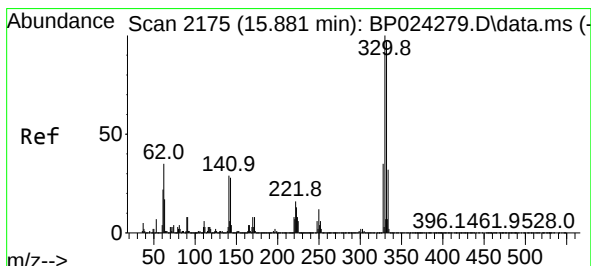
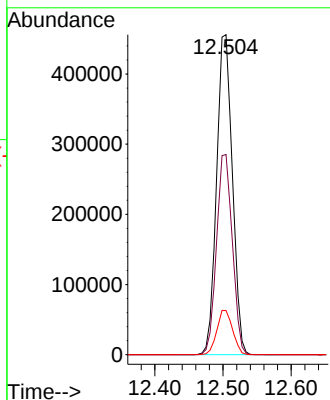
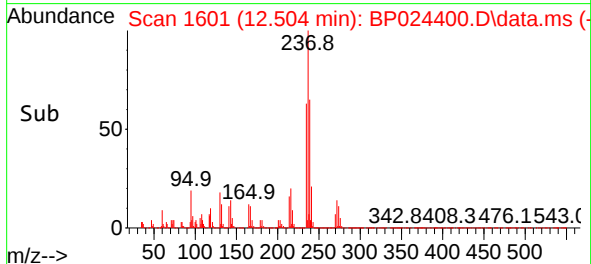
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD



Tgt Ion: 237 Resp: 73523
Ion Ratio Lower Upper
237 100
235 62.6 43.9 83.9
272 13.8 0.0 33.6

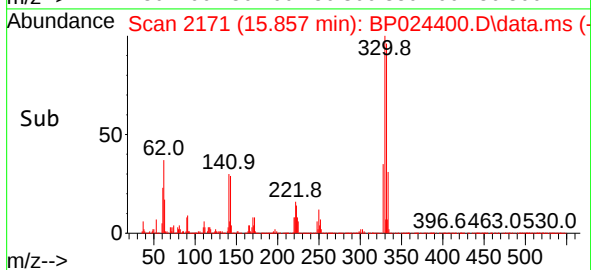
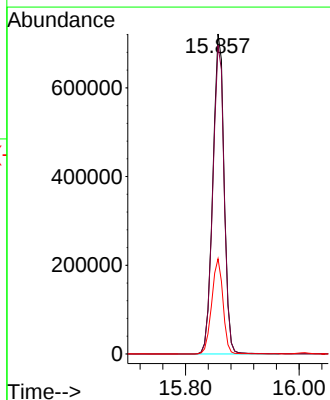
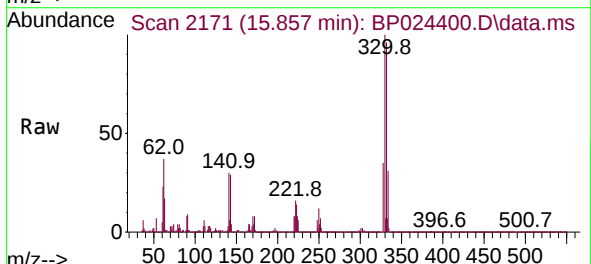
Manual Integrations
APPROVED

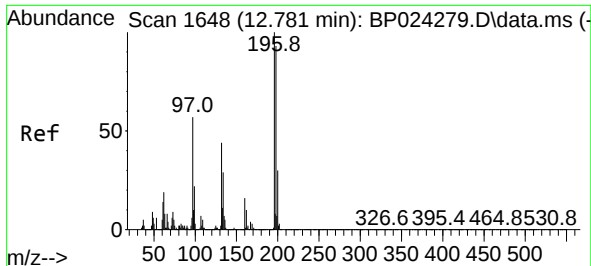
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#42
2,4,6-Tribromophenol
Concen: 151.781 ng
RT: 15.857 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

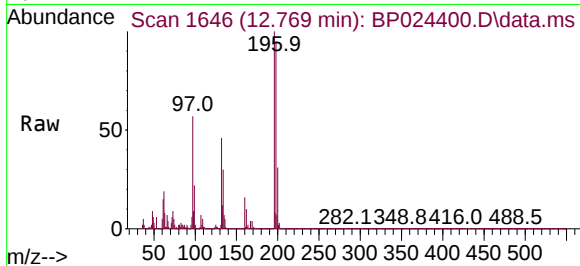
Tgt Ion: 330 Resp: 991370
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 29.6 24.7 37.1





#43
2,4,6-Trichlorophenol
Concen: 48.520 ng
RT: 12.769 min Scan# 1659
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

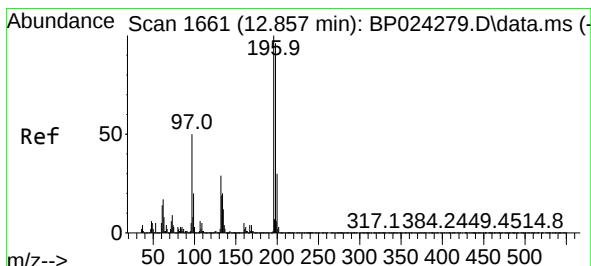
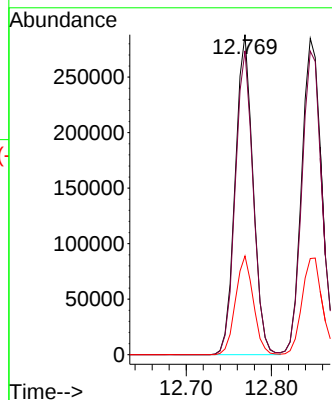
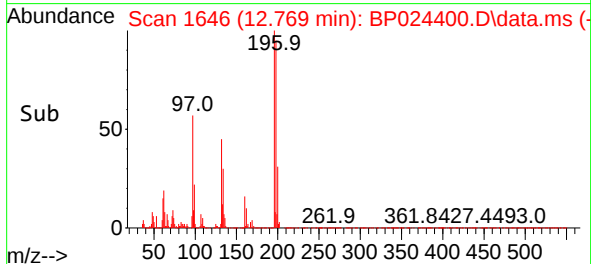
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD



Tgt Ion:196 Resp: 418800
Ion Ratio Lower Upper
196 100
198 95.0 74.3 111.5
200 30.8 24.0 36.0

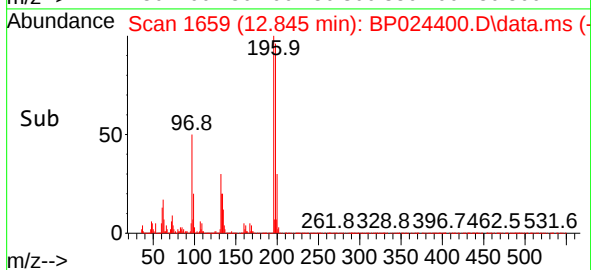
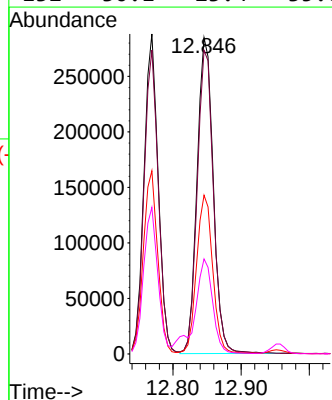
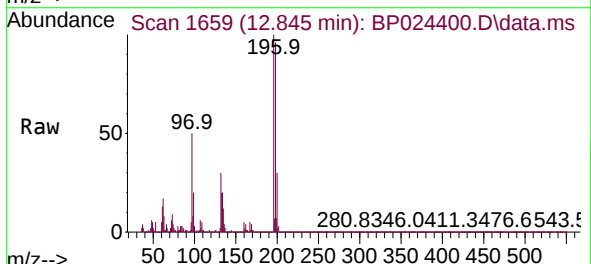
Manual Integrations
APPROVED

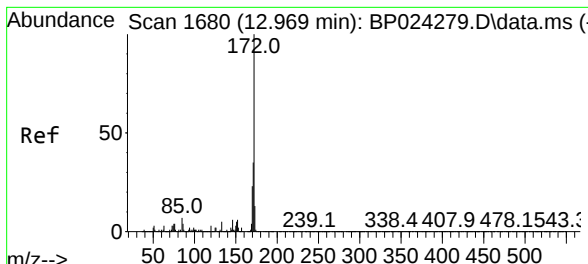
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#44
2,4,5-Trichlorophenol
Concen: 48.962 ng
RT: 12.845 min Scan# 1659
Delta R.T. -0.012 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Tgt Ion:196 Resp: 467987
Ion Ratio Lower Upper
196 100
198 96.0 77.3 115.9
97 50.2 40.4 60.6
132 30.1 23.4 35.0





#45
 2-Fluorobiphenyl
 Concen: 88.707 ng
 RT: 12.957 min Scan# 1678
 Delta R.T. -0.006 min
 Lab File: BP024400.D
 Acq: 23 Apr 2025 17:35

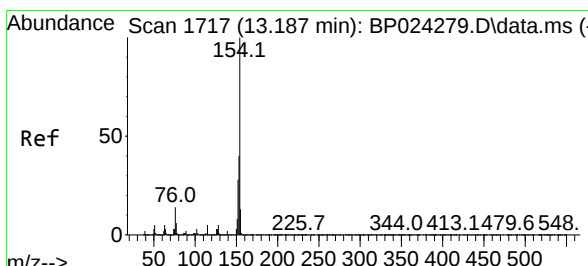
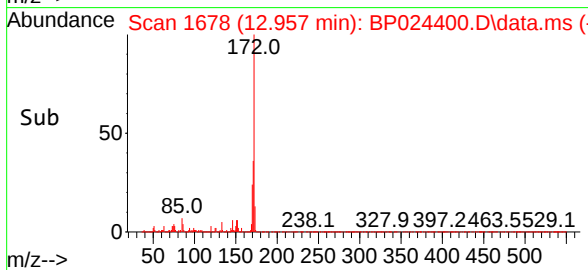
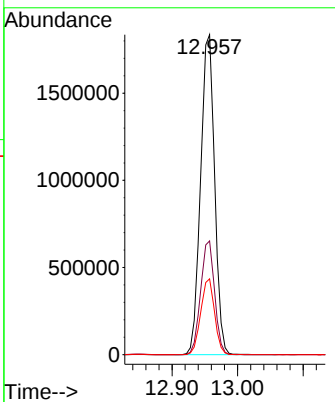
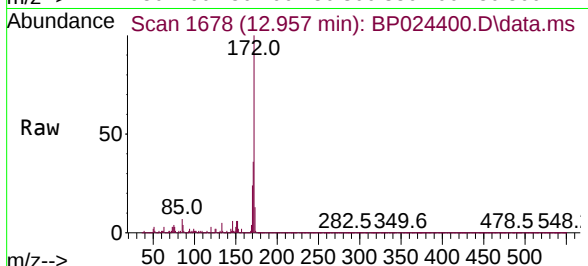
Instrument : BNA_P
 ClientSampleId : PL-714-COMP-08MSD

Tgt Ion:172 Resp: 2735099

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.2
170	23.7	18.6	27.8

Manual Integrations
 APPROVED

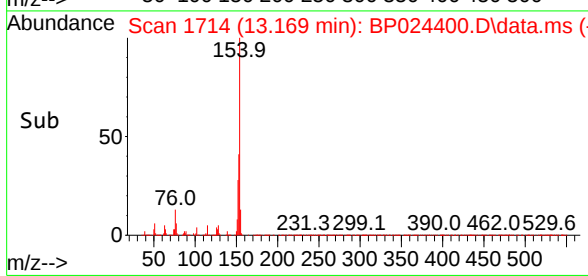
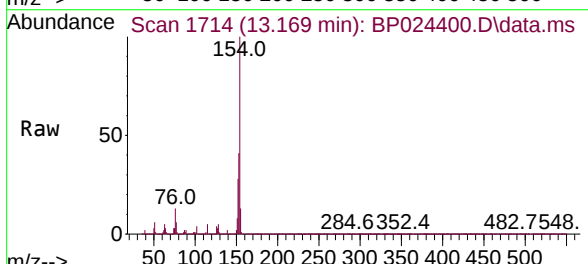
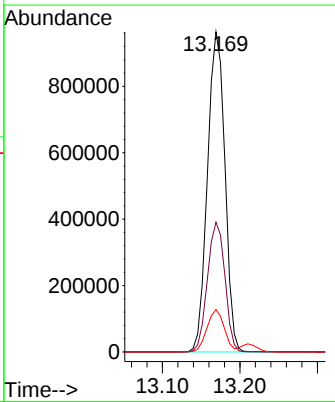
Reviewed By :Rahul Chavli 04/24/2025
 Supervised By :Jagrut Upadhyay 04/24/2025

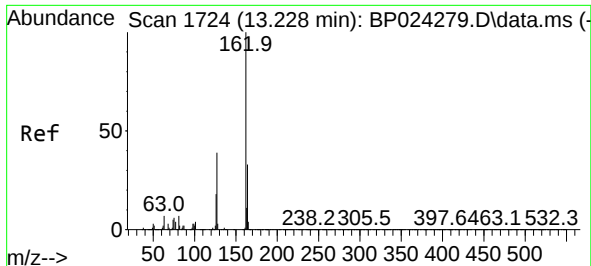


#46
 1,1'-Biphenyl
 Concen: 43.380 ng
 RT: 13.169 min Scan# 1714
 Delta R.T. -0.006 min
 Lab File: BP024400.D
 Acq: 23 Apr 2025 17:35

Tgt Ion:154 Resp: 1505321

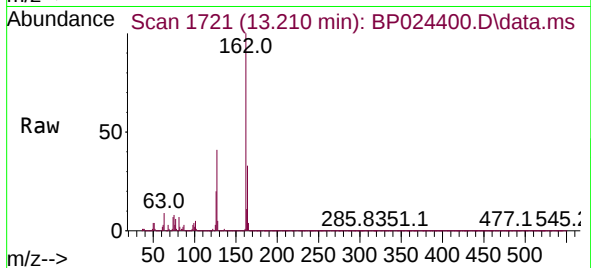
Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.3	60.3
76	13.2	0.0	33.5





#47
2-Chloronaphthalene
Concen: 44.765 ng
RT: 13.210 min Scan# 1721
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

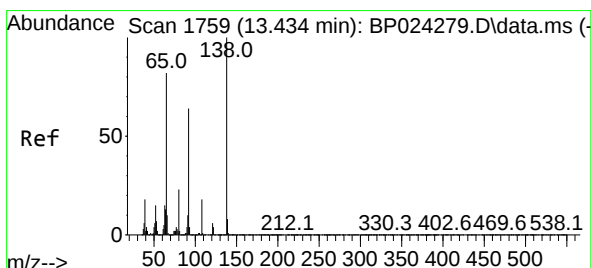
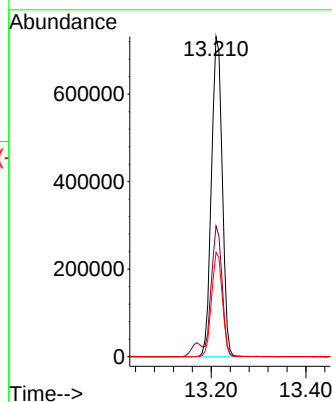
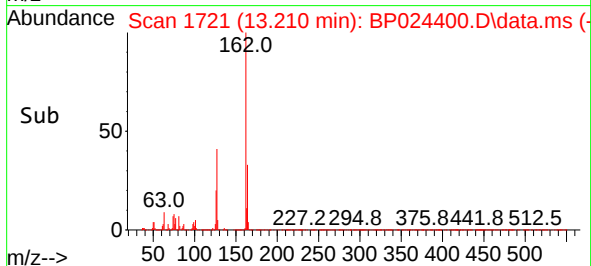
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD



Tgt Ion:162 Resp: 116097
Ion Ratio Lower Upper
162 100
127 40.8 31.9 47.9
164 32.6 26.2 39.4

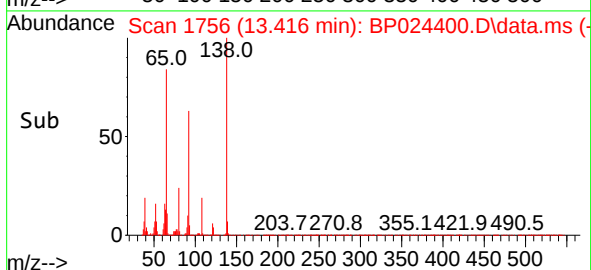
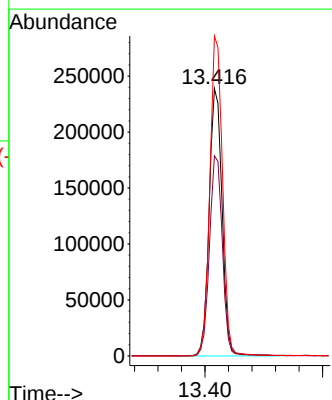
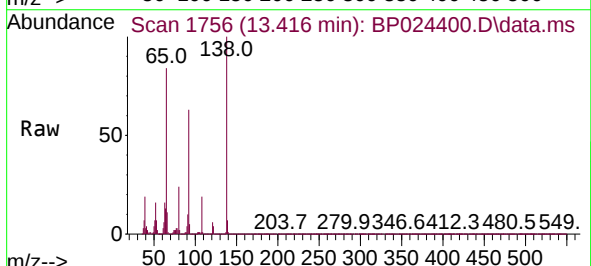
Manual Integrations
APPROVED

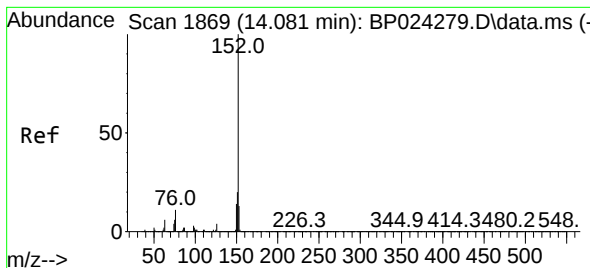
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#48
2-Nitroaniline
Concen: 50.081 ng
RT: 13.416 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Tgt Ion: 65 Resp: 364335
Ion Ratio Lower Upper
65 100
92 74.8 62.3 93.5
138 119.7 97.2 145.8





#49

Acenaphthylene

Concen: 47.991 ng

RT: 14.063 min Scan# 1866

Delta R.T. -0.006 min

Lab File: BP024400.D

Acq: 23 Apr 2025 17:35

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-08MSD

Tgt Ion:152 Resp: 1959590

Ion Ratio Lower Upper

152 100

151 20.2 15.9 23.9

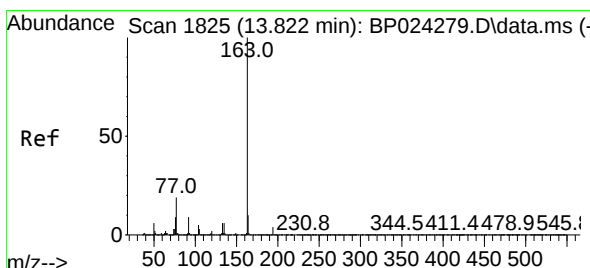
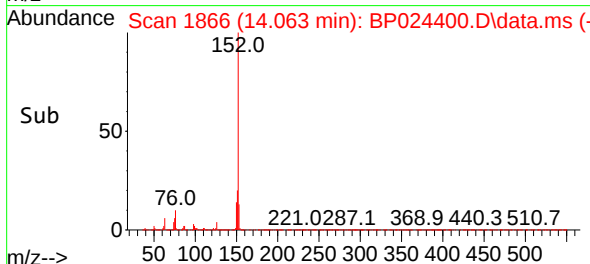
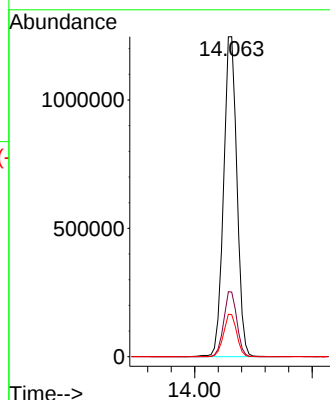
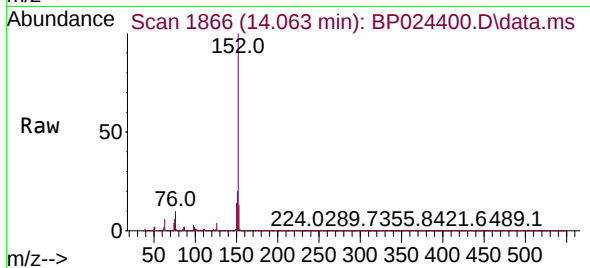
153 13.1 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025



#50

Dimethylphthalate

Concen: 45.090 ng

RT: 13.798 min Scan# 1821

Delta R.T. -0.012 min

Lab File: BP024400.D

Acq: 23 Apr 2025 17:35

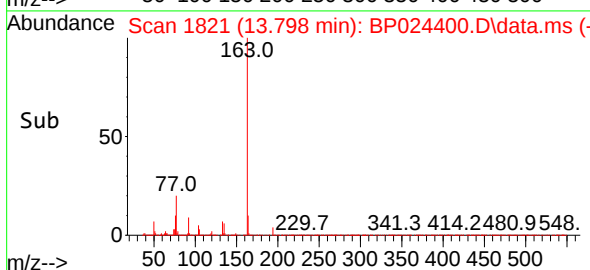
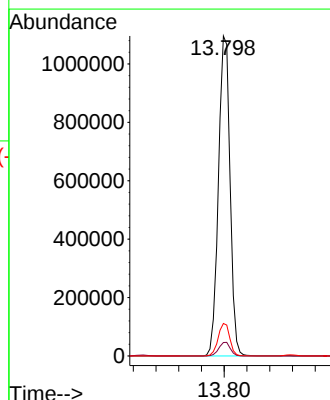
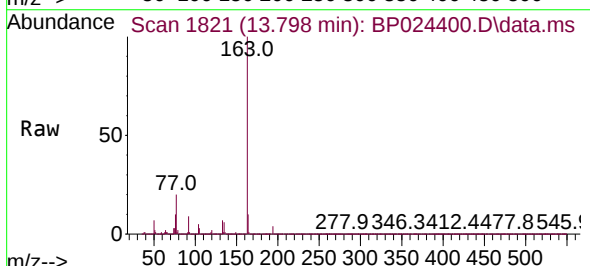
Tgt Ion:163 Resp: 1547999

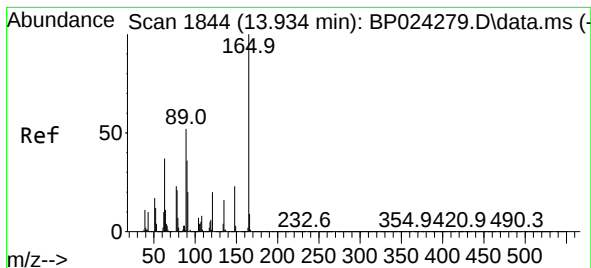
Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

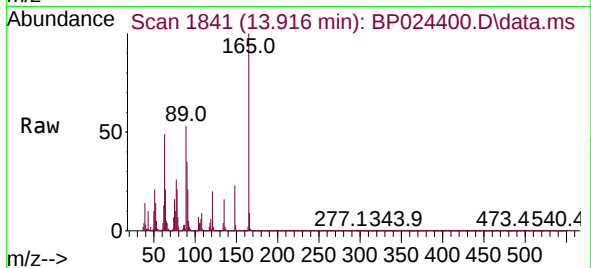
164 10.2 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 47.176 ng
RT: 13.916 min Scan# 1841
Delta R.T. -0.012 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

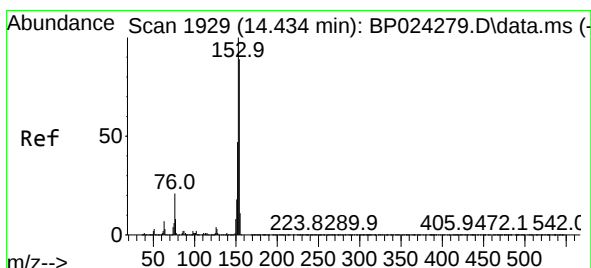
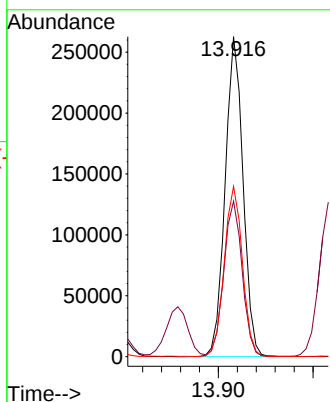
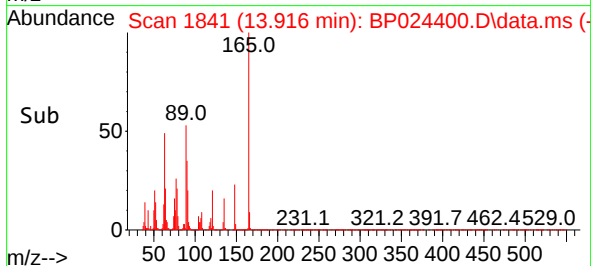
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD



Tgt Ion:165 Resp: 34392
Ion Ratio Lower Upper
165 100
63 48.6 38.0 57.0
89 53.2 41.7 62.5

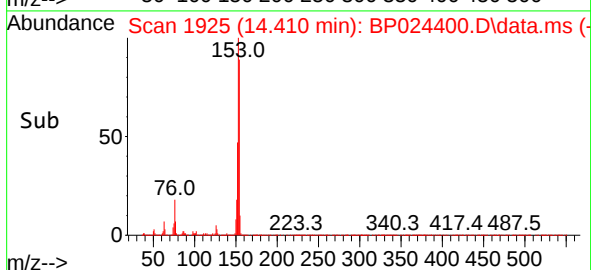
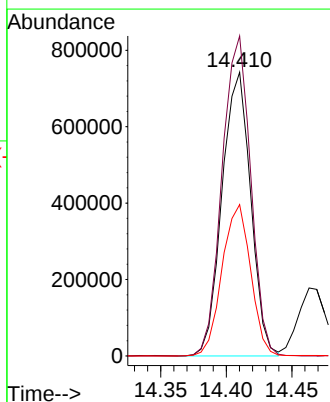
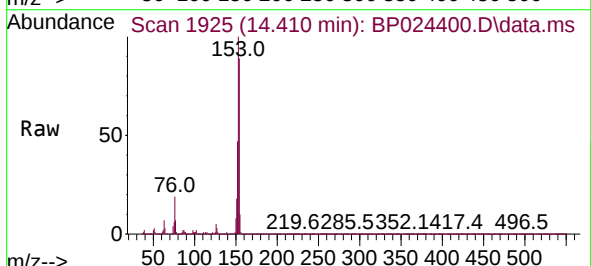
Manual Integrations
APPROVED

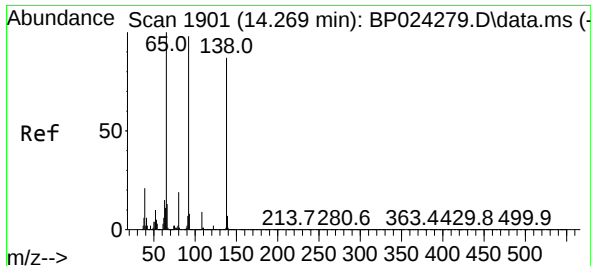
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#52
Acenaphthene
Concen: 43.603 ng
RT: 14.410 min Scan# 1925
Delta R.T. -0.012 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Tgt Ion:154 Resp: 1128749
Ion Ratio Lower Upper
154 100
153 112.8 89.8 134.6
152 53.4 42.6 63.8





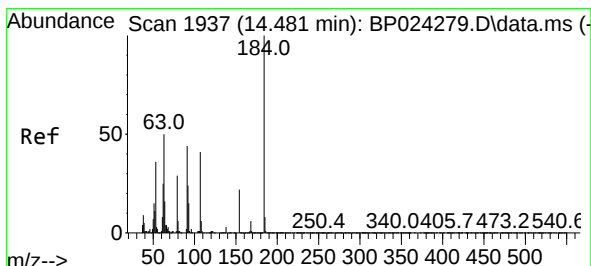
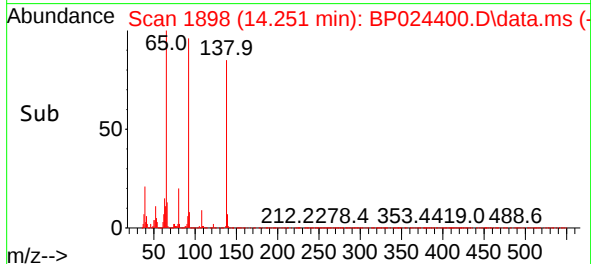
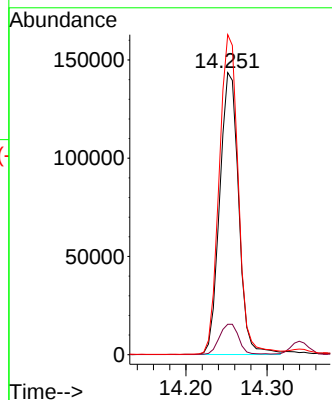
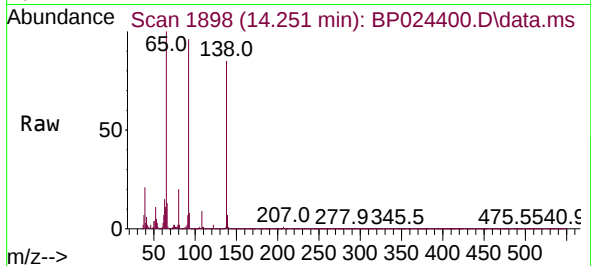
#53
3-Nitroaniline
Concen: 30.486 ng
RT: 14.251 min Scan# 1898
Delta R.T. -0.012 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD

Tgt Ion:138 Resp: 23358
Ion Ratio Lower Upper
138 100
108 10.8 8.3 12.5
92 113.5 89.8 134.8

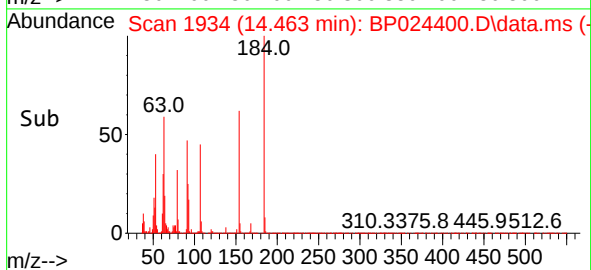
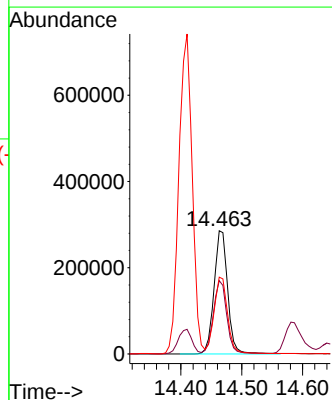
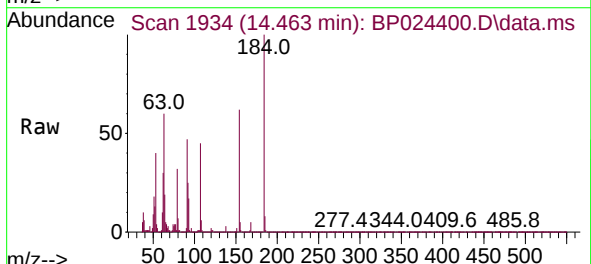
Manual Integrations
APPROVED

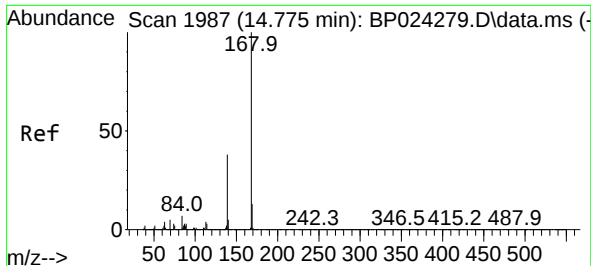
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#54
2,4-Dinitrophenol
Concen: 103.293 ng
RT: 14.463 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

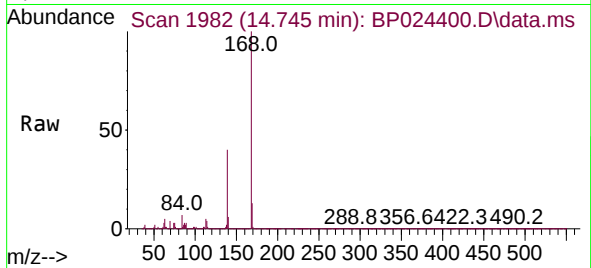
Tgt Ion:184 Resp: 443566
Ion Ratio Lower Upper
184 100
63 59.6 42.6 64.0
154 62.3 47.2 70.8





#55
Dibenzenofuran
Concen: 43.069 ng
RT: 14.745 min Scan# 1982
Delta R.T. -0.012 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

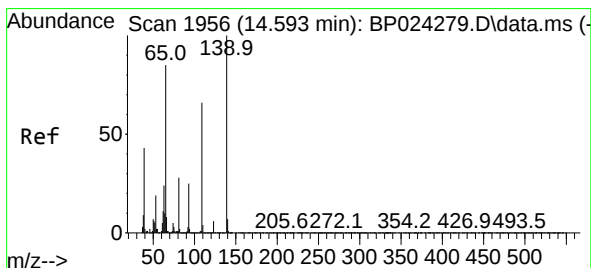
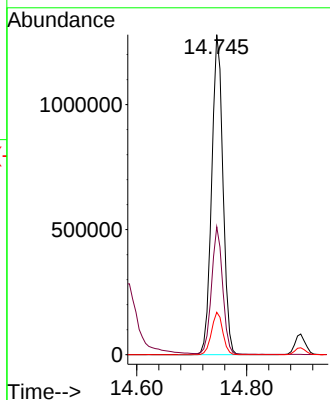
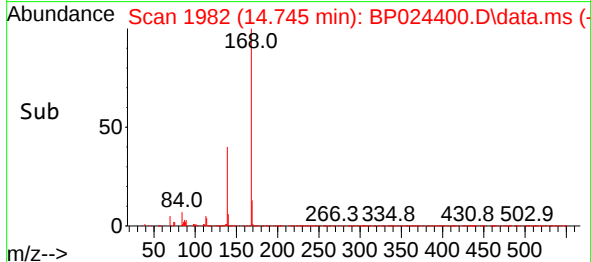
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD



Tgt Ion:168 Resp: 1822400
Ion Ratio Lower Upper
168 100
139 40.0 30.3 45.5
169 13.2 10.6 16.0

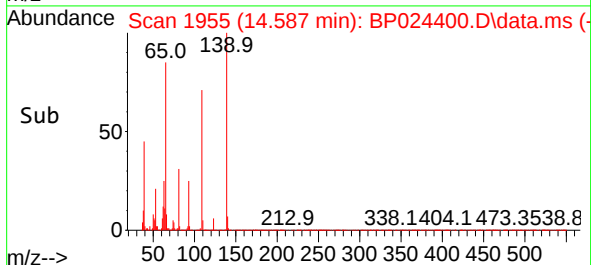
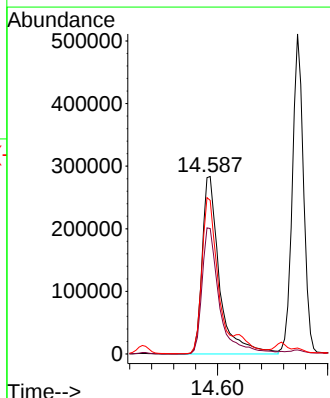
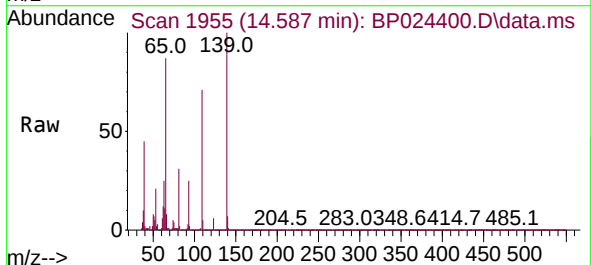
Manual Integrations
APPROVED

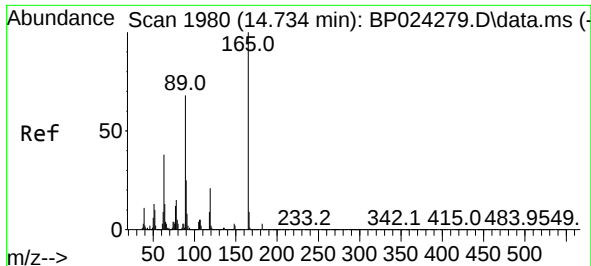
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#56
4-Nitrophenol
Concen: 93.624 ng
RT: 14.587 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

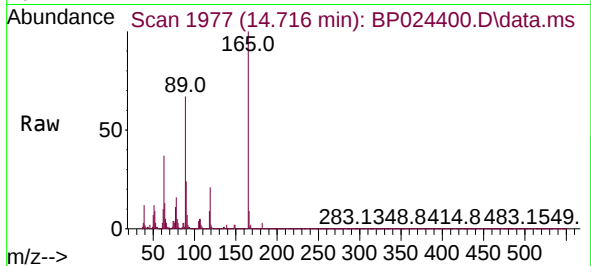
Tgt Ion:139 Resp: 619546
Ion Ratio Lower Upper
139 100
109 70.7 46.1 86.1
65 86.5 65.0 105.0





#57
2,4-Dinitrotoluene
Concen: 50.238 ng
RT: 14.716 min Scan# 1977
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

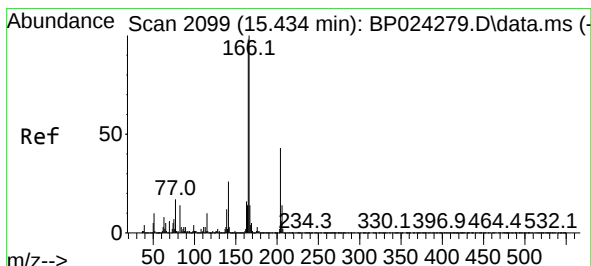
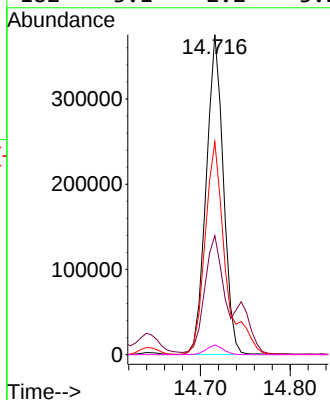
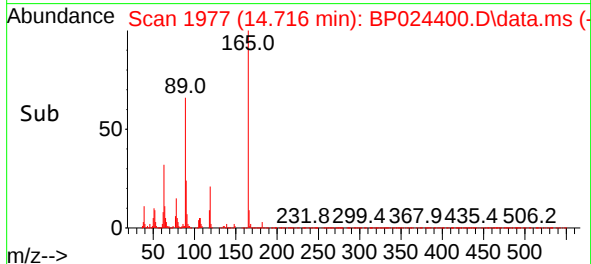
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD



Tgt Ion:165 Resp: 499600
Ion Ratio Lower Upper
165 100
63 37.2 30.4 45.6
89 66.5 54.6 82.0
182 3.1 2.2 3.2

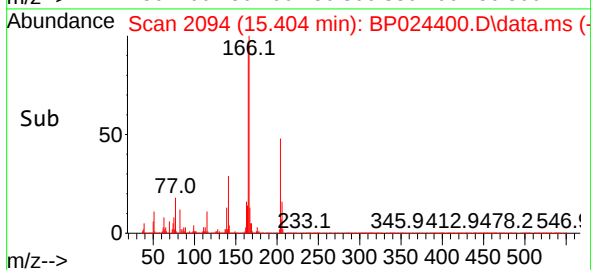
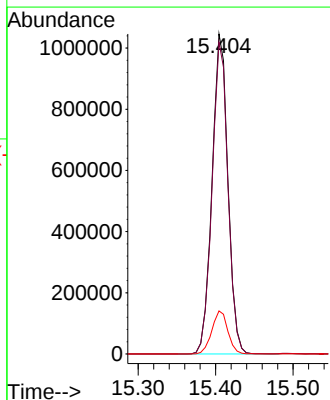
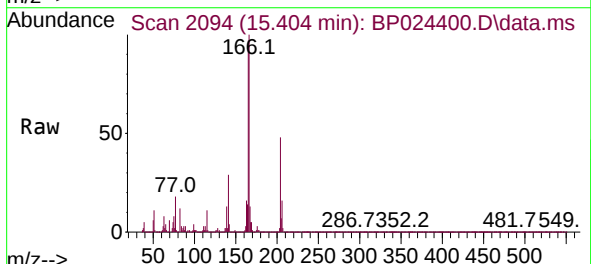
Manual Integrations
APPROVED

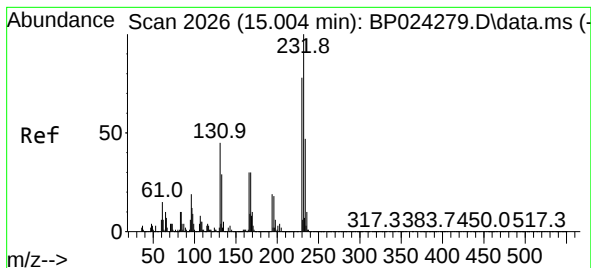
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#58
Fluorene
Concen: 45.523 ng
RT: 15.404 min Scan# 2094
Delta R.T. -0.012 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

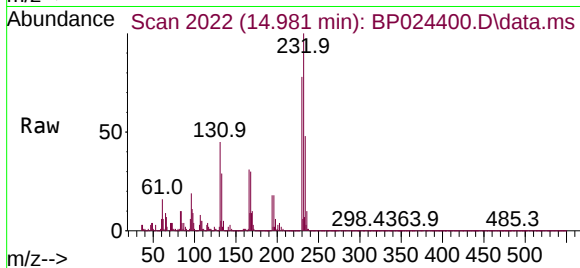
Tgt Ion:166 Resp: 1491175
Ion Ratio Lower Upper
166 100
165 97.4 78.1 117.1
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.856 ng
RT: 14.981 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

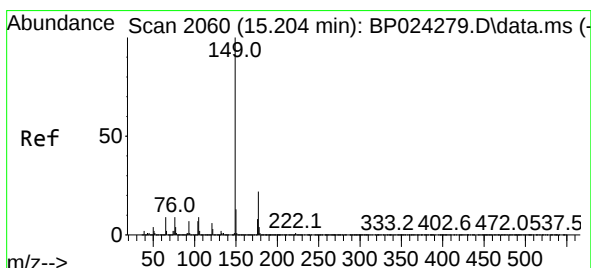
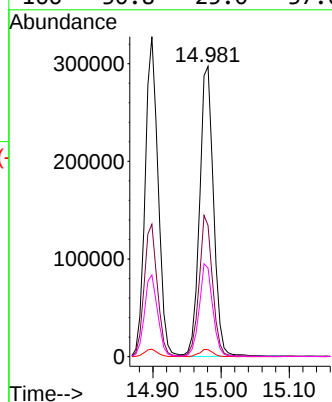
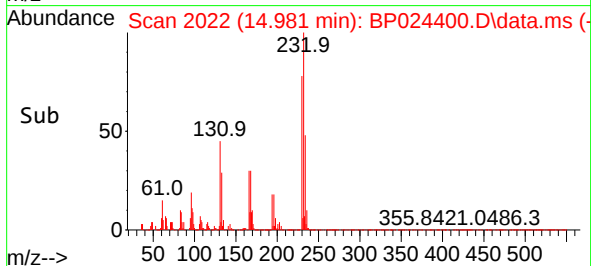
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD



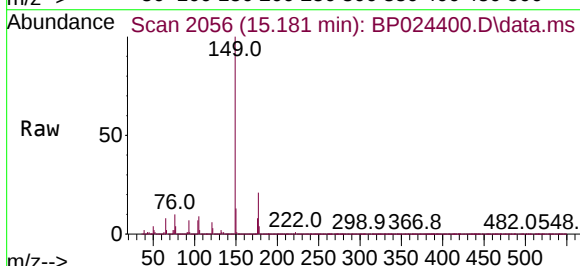
Tgt Ion:232 Resp: 421879
Ion Ratio Lower Upper
232 100
131 46.8 36.8 55.2
130 2.5 1.9 2.9
166 30.8 25.0 37.6

Manual Integrations
APPROVED

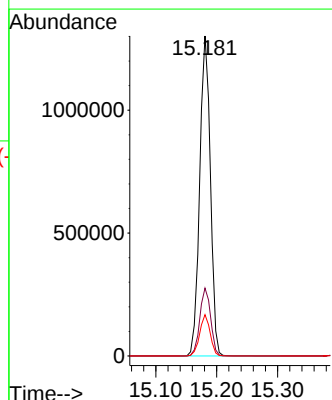
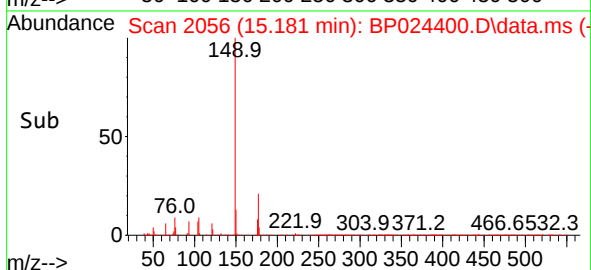
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

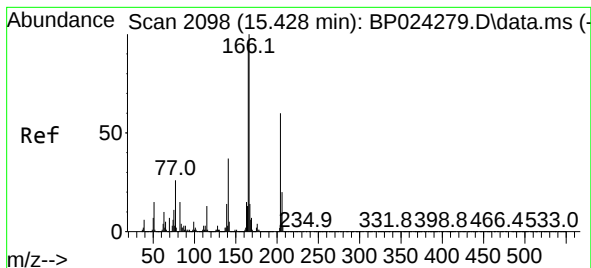


#60
Diethylphthalate
Concen: 44.810 ng
RT: 15.181 min Scan# 2056
Delta R.T. -0.012 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35



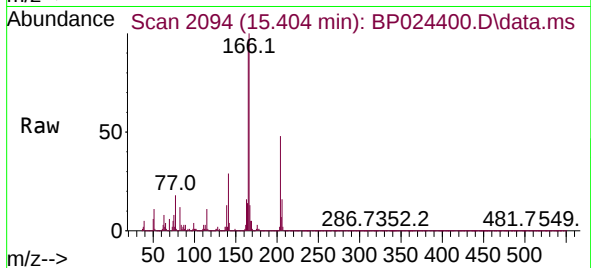
Tgt Ion:149 Resp: 1585319
Ion Ratio Lower Upper
149 100
177 21.2 17.4 26.2
150 12.9 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 45.642 ng
RT: 15.404 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

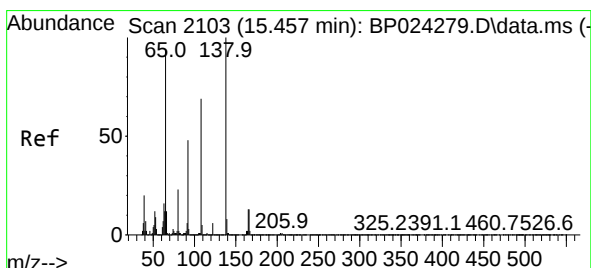
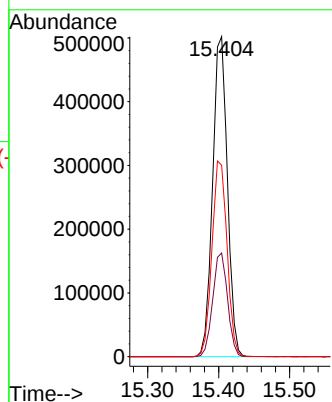
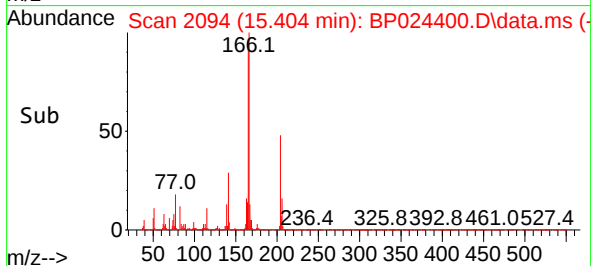
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD



Tgt Ion: 204 Resp: 72601
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 59.8 49.4 74.0

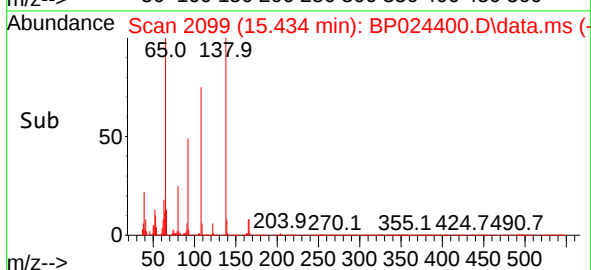
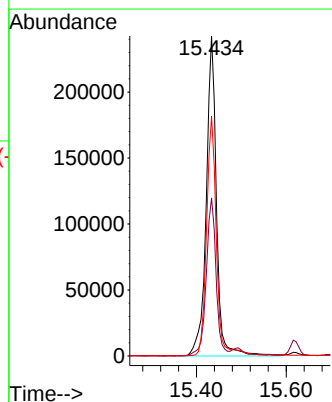
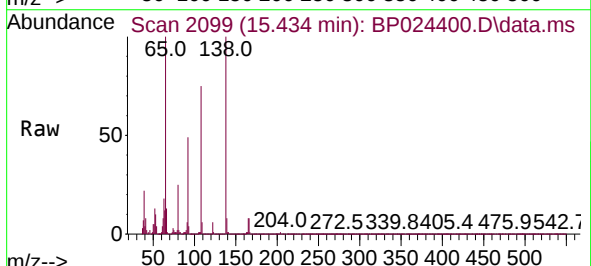
Manual Integrations
APPROVED

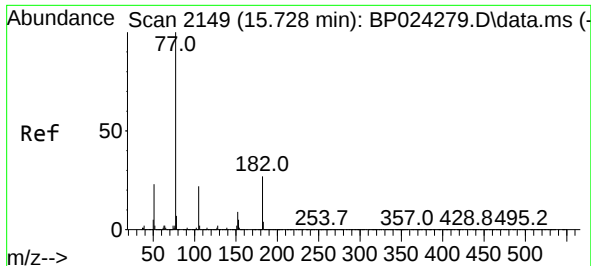
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#62
4-Nitroaniline
Concen: 47.509 ng
RT: 15.434 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

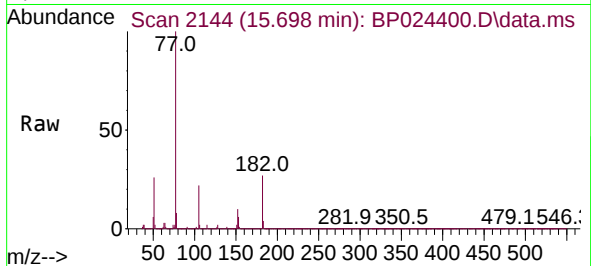
Tgt Ion: 138 Resp: 385355
Ion Ratio Lower Upper
138 100
92 49.4 27.8 67.8
108 74.8 48.9 88.9





#63
Azobenzene
Concen: 42.964 ng
RT: 15.698 min Scan# 2149
Delta R.T. -0.012 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

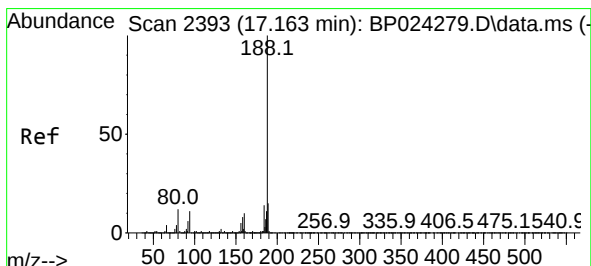
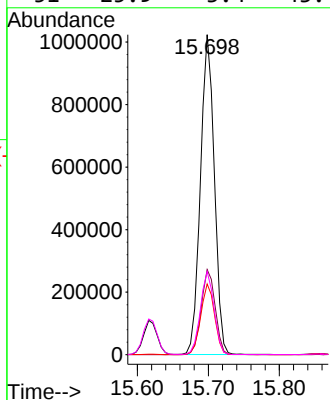
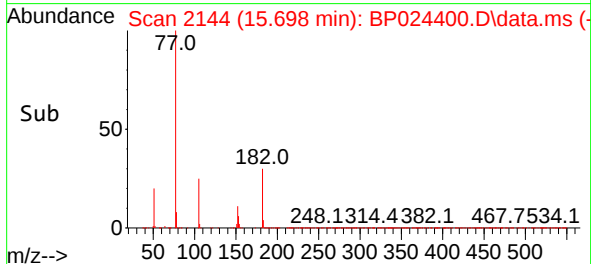
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD



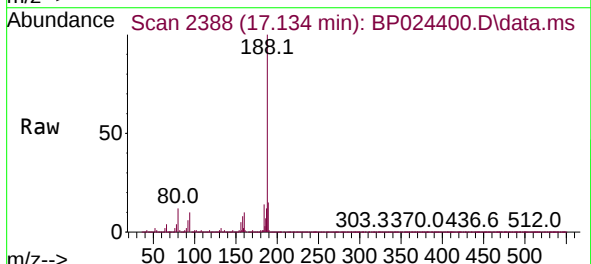
Tgt Ion: 77 Resp: 139708
Ion Ratio Lower Upper
77 100
182 26.6 7.3 47.3
105 22.1 2.3 42.3
51 25.9 3.4 43.4

Manual Integrations
APPROVED

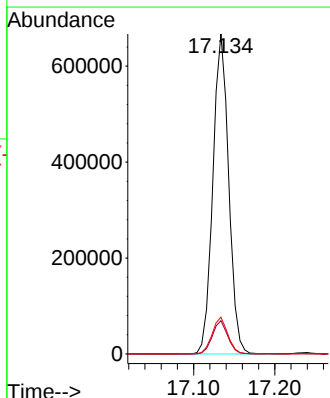
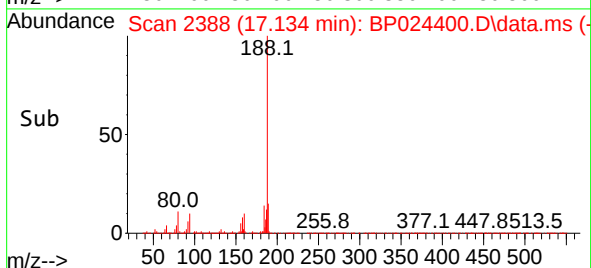
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

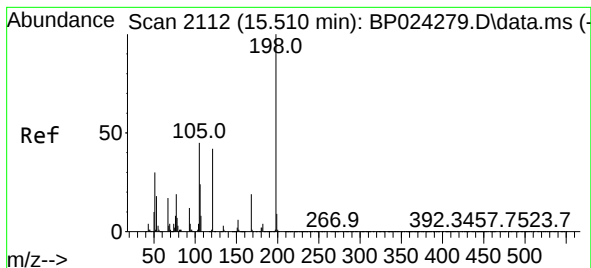


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.134 min Scan# 2388
Delta R.T. -0.012 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35



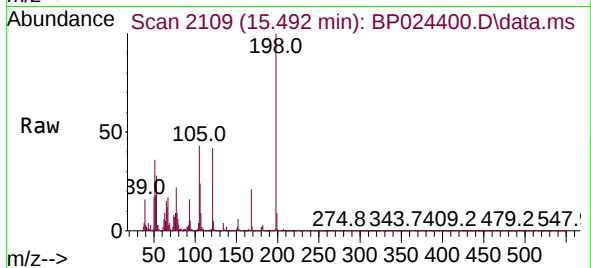
Tgt Ion:188 Resp: 902353
Ion Ratio Lower Upper
188 100
94 10.4 8.6 13.0
80 11.5 9.8 14.6





#65
4,6-Dinitro-2-methylphenol
Concen: 49.084 ng
RT: 15.492 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

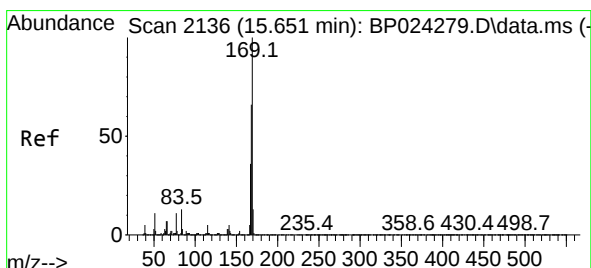
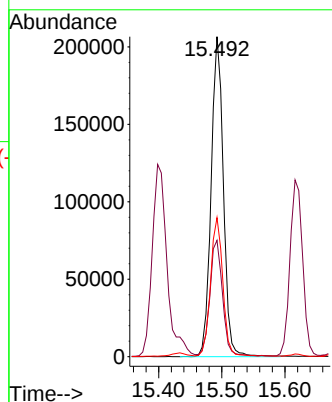
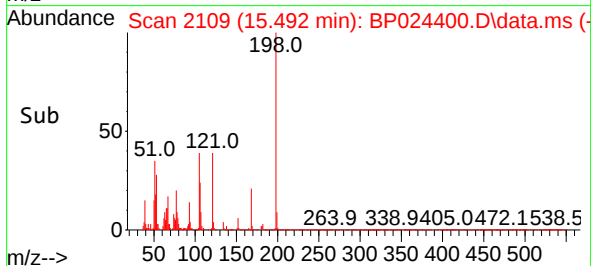
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD



Tgt Ion:198 Resp: 279230
Ion Ratio Lower Upper
198 100
51 36.4 18.4 58.4
105 43.5 26.5 66.5

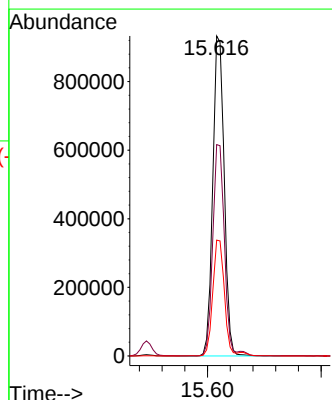
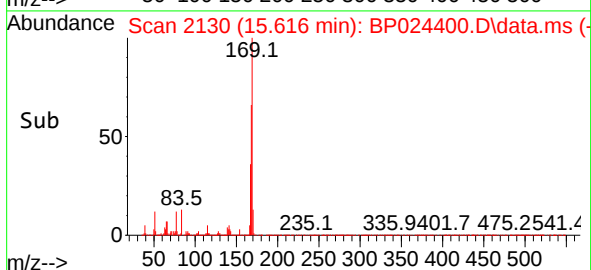
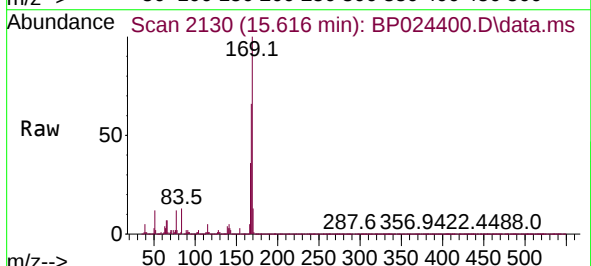
Manual Integrations
APPROVED

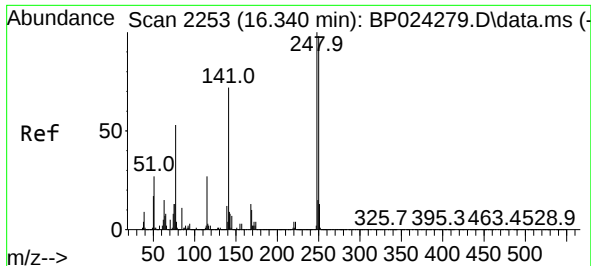
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#66
n-Nitrosodiphenylamine
Concen: 48.025 ng
RT: 15.616 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

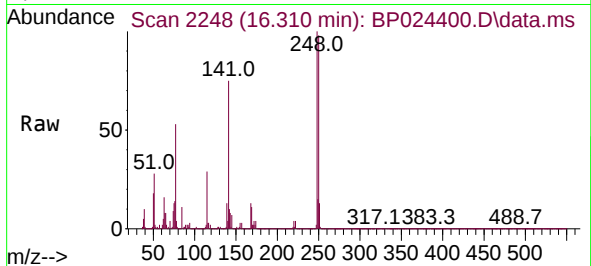
Tgt Ion:169 Resp: 1293473
Ion Ratio Lower Upper
169 100
168 66.1 53.0 79.4
167 36.2 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 48.110 ng
RT: 16.310 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

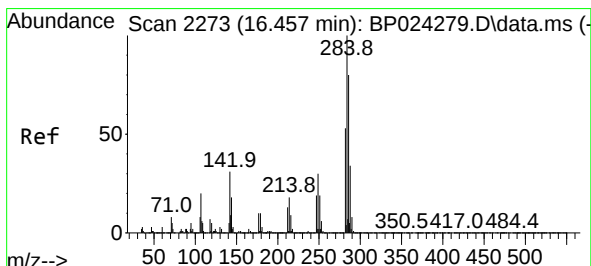
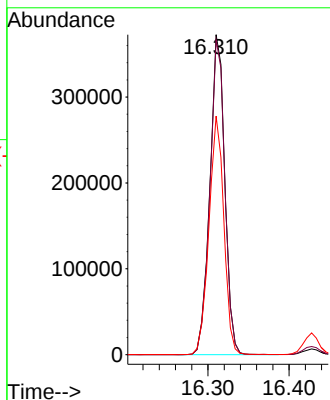
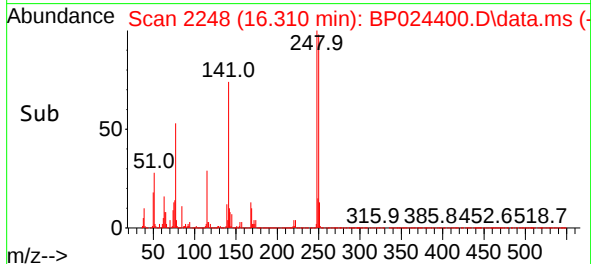
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD



Tgt Ion:248 Resp: 474794
Ion Ratio Lower Upper
248 100
250 98.4 78.2 117.4
141 74.5 57.7 86.5

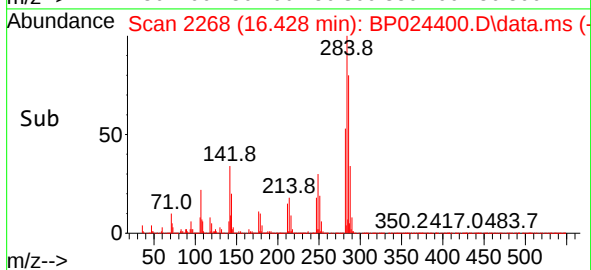
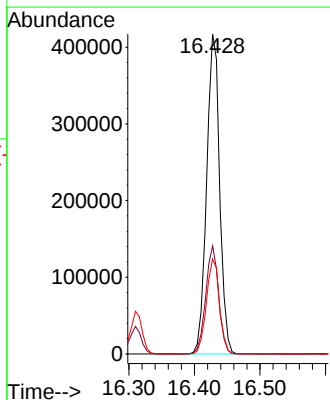
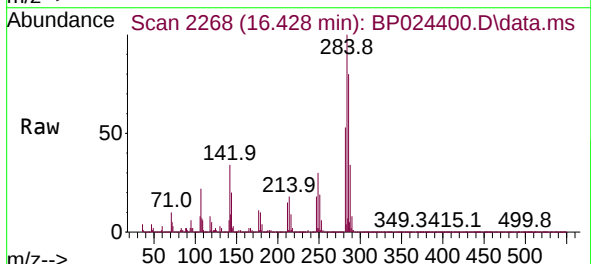
Manual Integrations
APPROVED

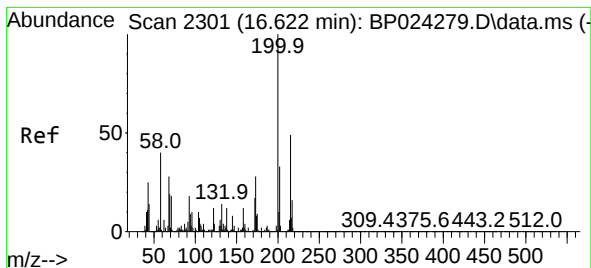
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#68
Hexachlorobenzene
Concen: 48.921 ng
RT: 16.428 min Scan# 2268
Delta R.T. -0.012 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Tgt Ion:284 Resp: 573697
Ion Ratio Lower Upper
284 100
142 33.8 24.6 37.0
249 29.7 23.8 35.6





#69

Atrazine

Concen: 67.203 ng

RT: 16.598 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024400.D

Acq: 23 Apr 2025 17:35

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-08MSD

Tgt Ion:200 Resp: 460989

Ion Ratio Lower Upper

200 100

173 26.3 7.5 47.5

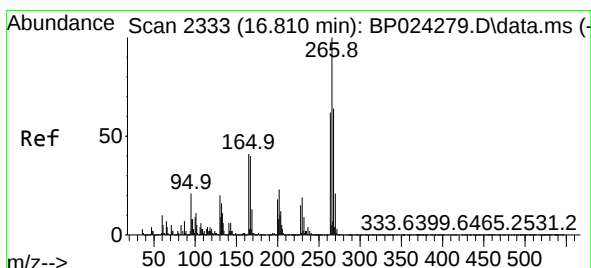
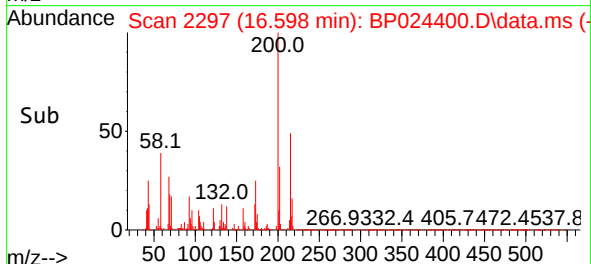
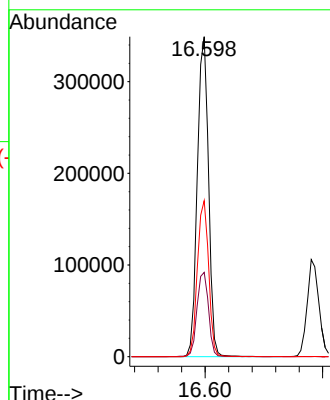
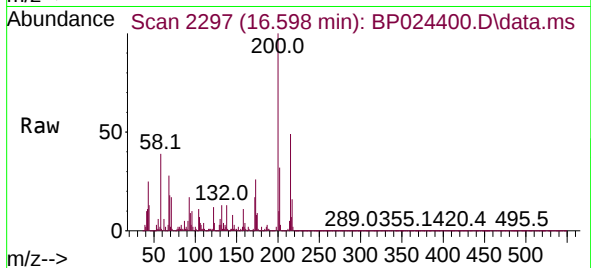
215 48.8 28.8 68.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025



#70

Pentachlorophenol

Concen: 101.537 ng

RT: 16.786 min Scan# 2329

Delta R.T. -0.012 min

Lab File: BP024400.D

Acq: 23 Apr 2025 17:35

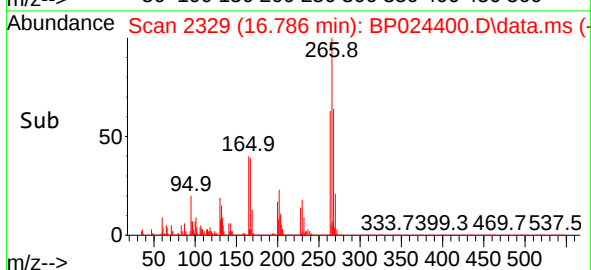
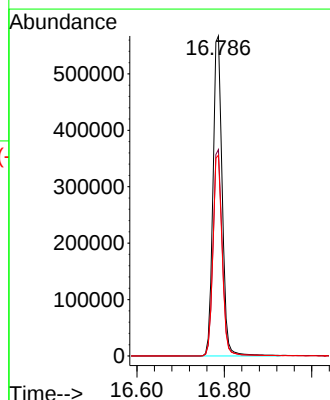
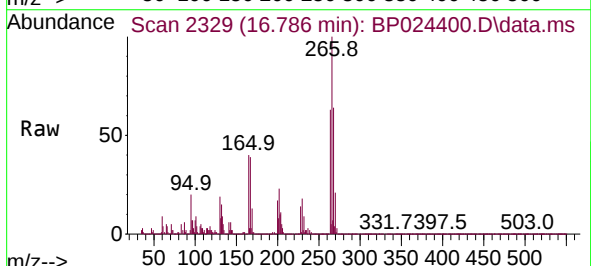
Tgt Ion:266 Resp: 830680

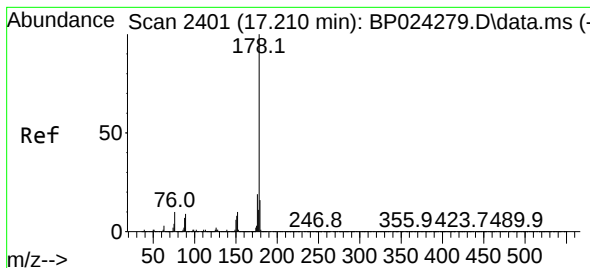
Ion Ratio Lower Upper

266 100

268 64.5 51.0 76.6

264 62.7 49.8 74.6





#71

Phenanthrene

Concen: 46.738 ng

RT: 17.181 min Scan# 2411

Delta R.T. -0.012 min

Lab File: BP024400.D

Acq: 23 Apr 2025 17:35

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-08MSD

Tgt Ion:178 Resp: 2300738

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

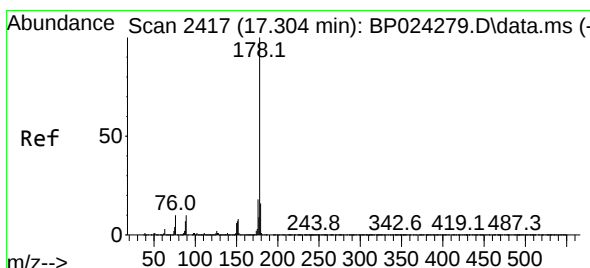
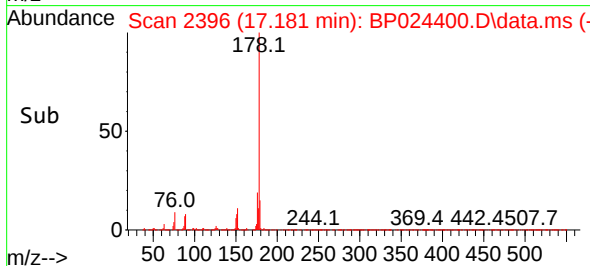
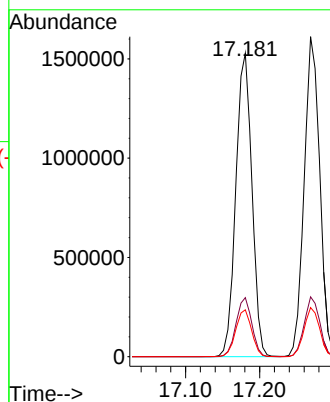
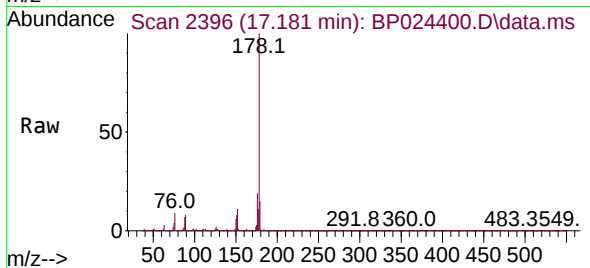
179 15.5 12.5 18.7

Manual Integrations

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Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025



#72

Anthracene

Concen: 49.746 ng

RT: 17.269 min Scan# 2411

Delta R.T. -0.018 min

Lab File: BP024400.D

Acq: 23 Apr 2025 17:35

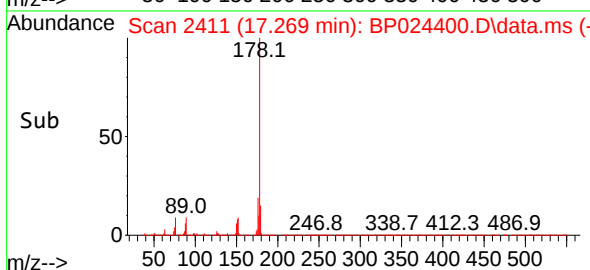
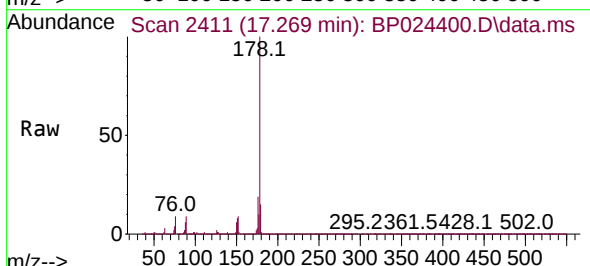
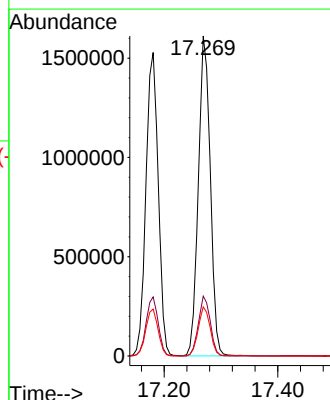
Tgt Ion:178 Resp: 2360129

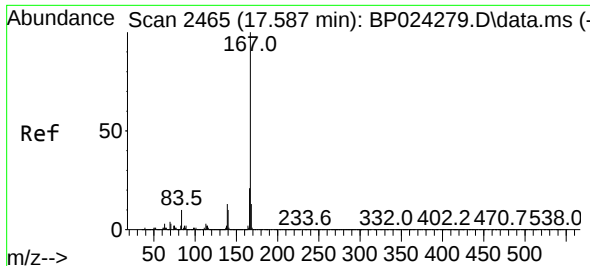
Ion Ratio Lower Upper

178 100

176 18.7 14.7 22.1

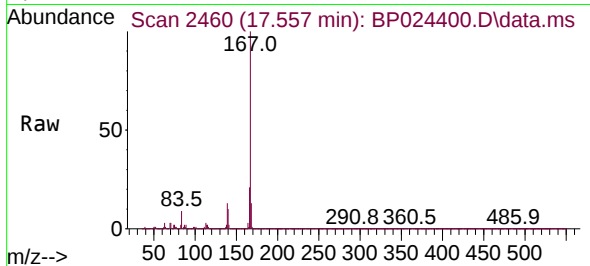
179 15.4 12.4 18.6





#73
Carbazole
Concen: 48.954 ng
RT: 17.557 min Scan# 2460
Delta R.T. -0.012 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

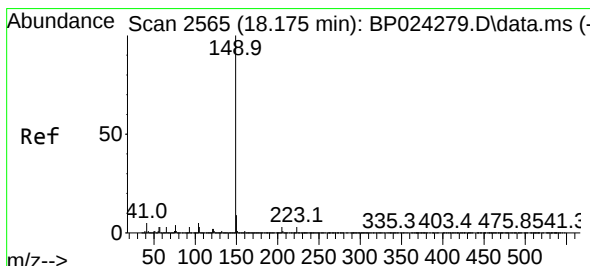
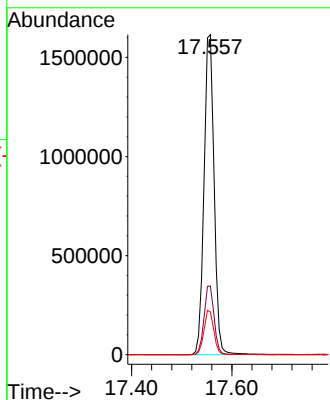
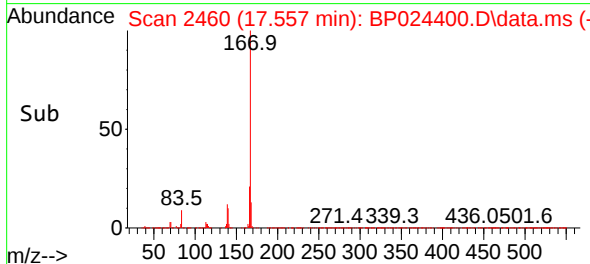
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD



Tgt Ion:167 Resp: 2269328
Ion Ratio Lower Upper
167 100
166 21.5 17.1 25.7
139 13.3 10.6 16.0

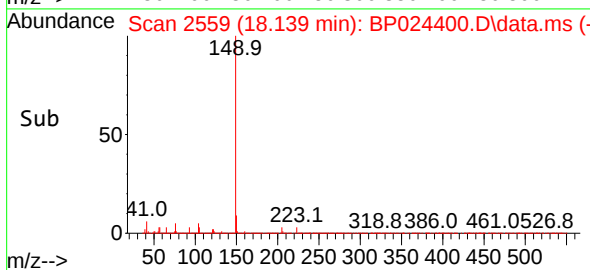
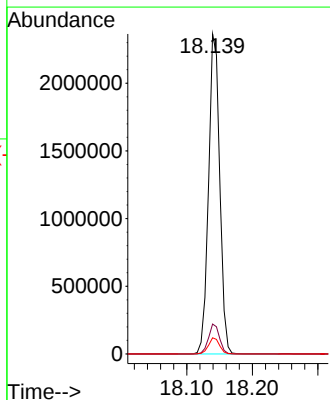
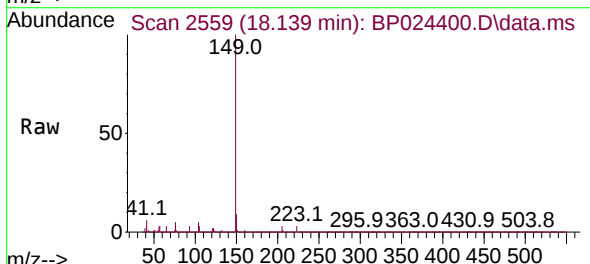
Manual Integrations
APPROVED

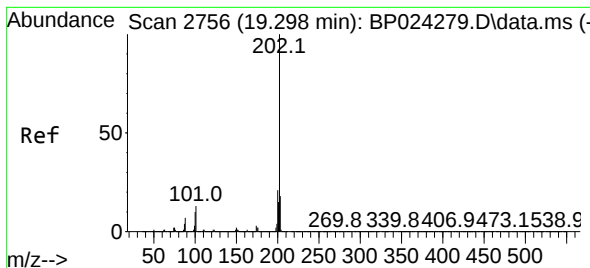
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#74
Di-n-butylphthalate
Concen: 48.492 ng
RT: 18.139 min Scan# 2559
Delta R.T. -0.018 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Tgt Ion:149 Resp: 2800596
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.2
104 5.0 3.9 5.9





#75

Fluoranthene

Concen: 46.259 ng

RT: 19.257 min Scan# 21

Delta R.T. -0.023 min

Lab File: BP024400.D

Acq: 23 Apr 2025 17:35

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-08MSD

Tgt Ion:202 Resp: 270828

Ion Ratio Lower Upper

202 100

101 12.3 0.0 33.2

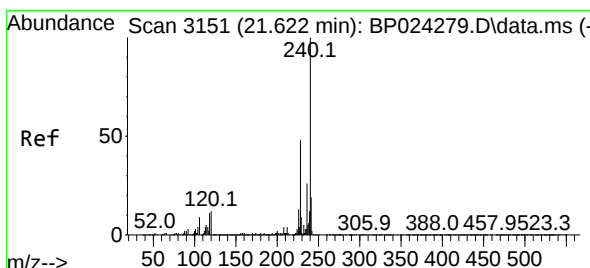
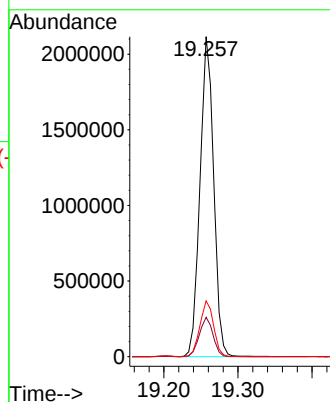
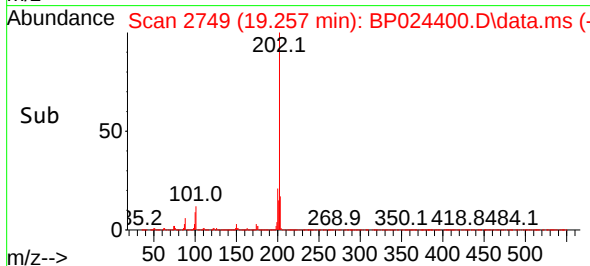
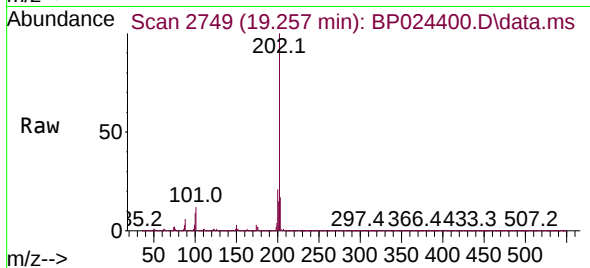
203 17.5 0.0 37.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.574 min Scan# 3143

Delta R.T. -0.018 min

Lab File: BP024400.D

Acq: 23 Apr 2025 17:35

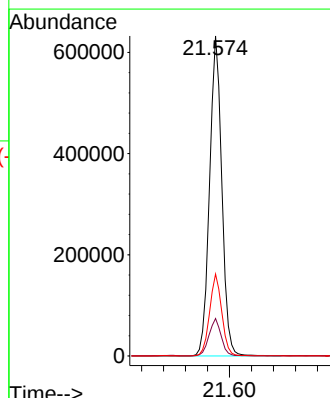
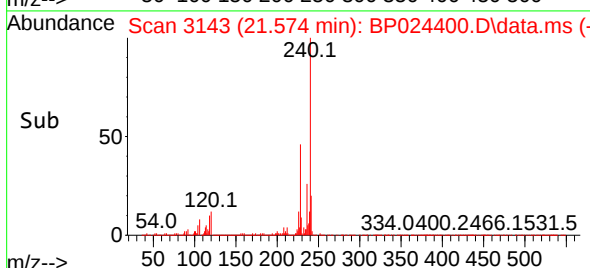
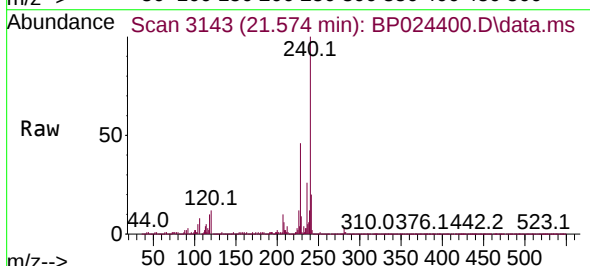
Tgt Ion:240 Resp: 975544

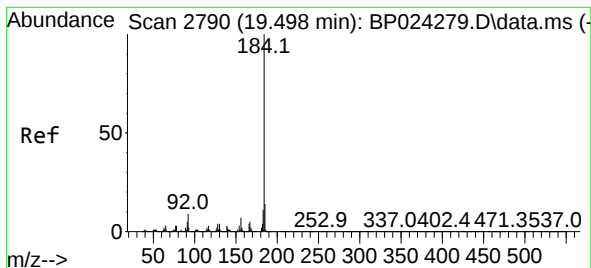
Ion Ratio Lower Upper

240 100

120 11.7 9.8 14.8

236 25.6 20.9 31.3





#77

Benzidine

Concen: 51.241 ng

RT: 19.463 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP024400.D

Acq: 23 Apr 2025 17:35

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-08MSD

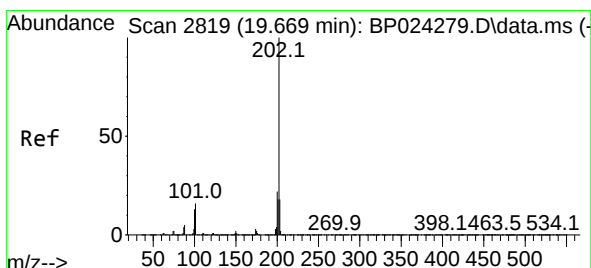
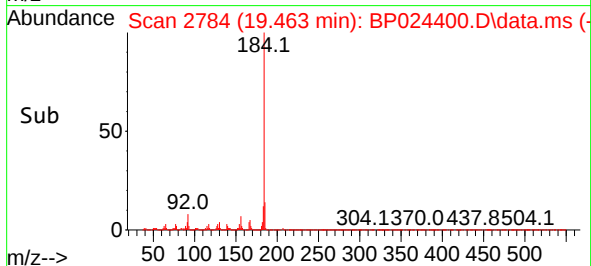
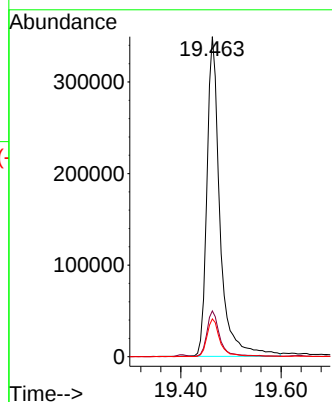
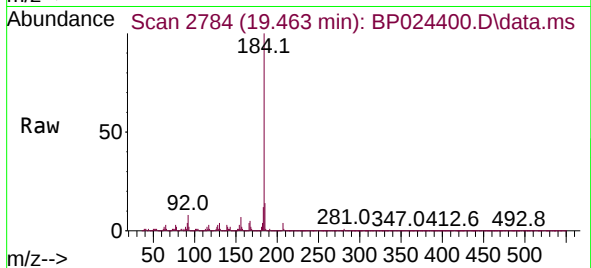
Tgt Ion:184 Resp: 633640
 Ion Ratio Lower Upper
 184 100
 185 14.3 11.6 17.4
 183 11.8 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025



#78

Pyrene

Concen: 45.760 ng

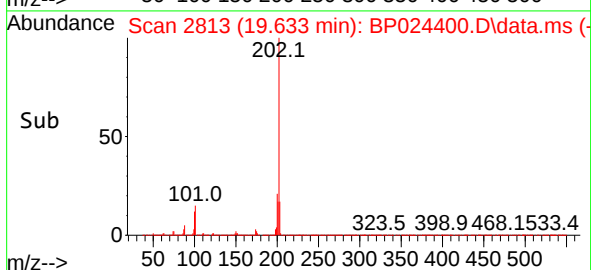
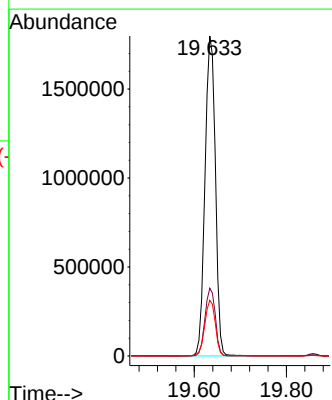
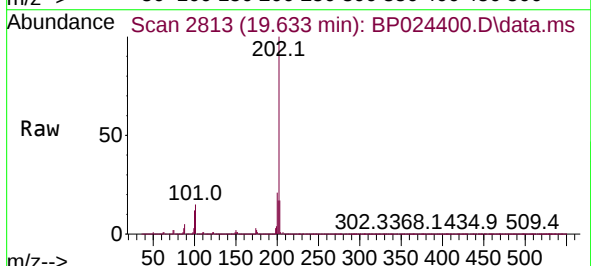
RT: 19.633 min Scan# 2813

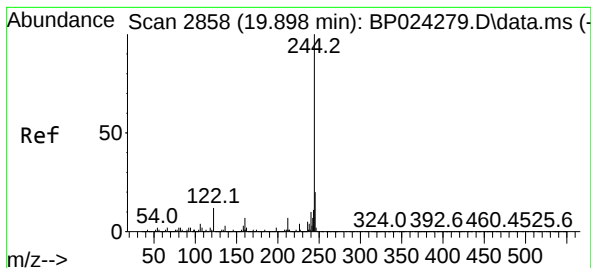
Delta R.T. -0.018 min

Lab File: BP024400.D

Acq: 23 Apr 2025 17:35

Tgt Ion:202 Resp: 2836976
 Ion Ratio Lower Upper
 202 100
 200 21.2 17.2 25.8
 203 17.4 14.4 21.6





#79

Terphenyl-d14

Concen: 95.609 ng

RT: 19.857 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP024400.D

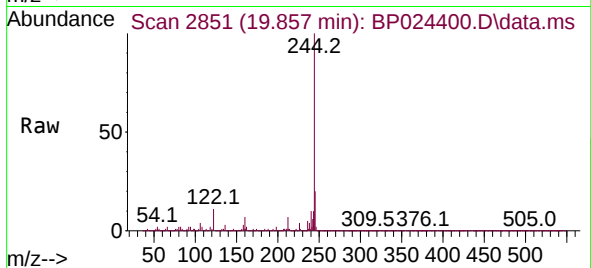
Acq: 23 Apr 2025 17:35

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-08MSD



Tgt Ion:244 Resp: 462735

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

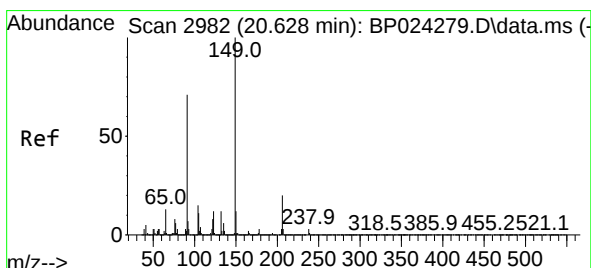
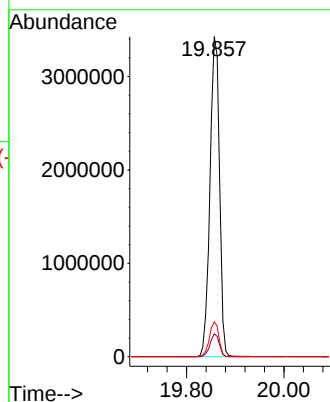
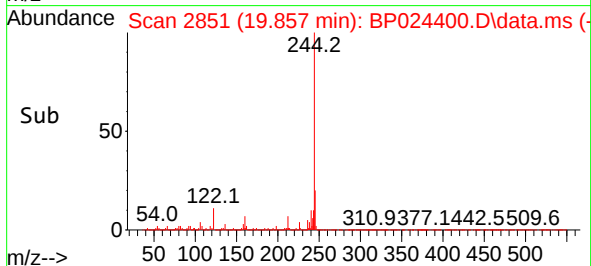
122 10.9 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025



#80

Butylbenzylphthalate

Concen: 49.964 ng

RT: 20.586 min Scan# 2975

Delta R.T. -0.018 min

Lab File: BP024400.D

Acq: 23 Apr 2025 17:35

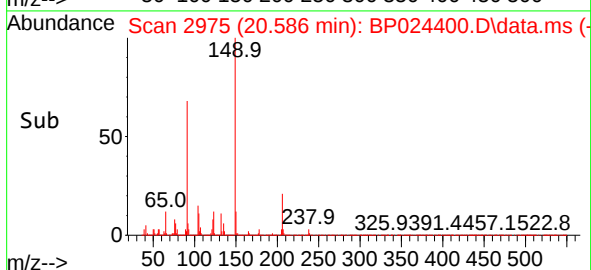
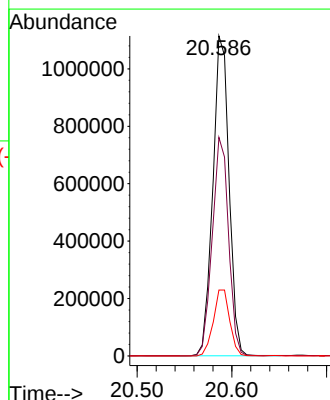
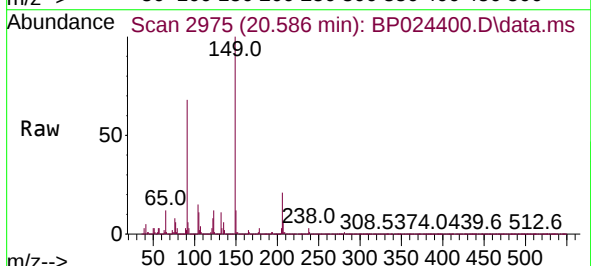
Tgt Ion:149 Resp: 1326774

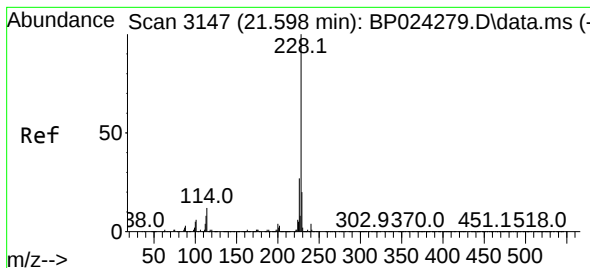
Ion Ratio Lower Upper

149 100

91 68.3 56.4 84.6

206 20.6 16.3 24.5





#81

Benzo(a)anthracene

Concen: 48.391 ng

RT: 21.551 min Scan# 3147

Delta R.T. -0.018 min

Lab File: BP024400.D

Acq: 23 Apr 2025 17:35

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-08MSD

Tgt Ion:228 Resp: 293426

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.8

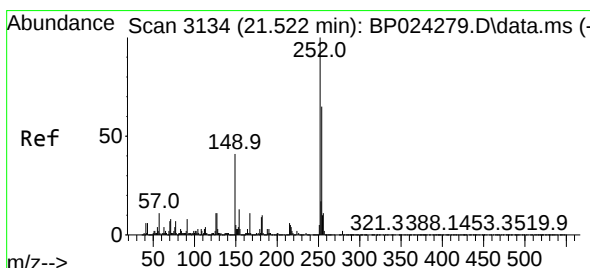
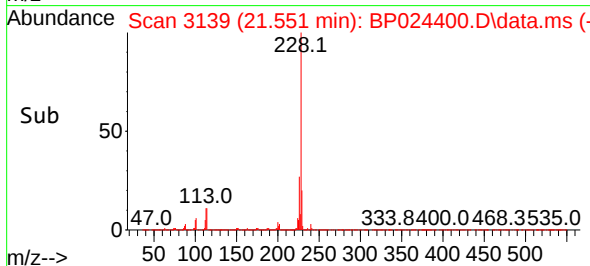
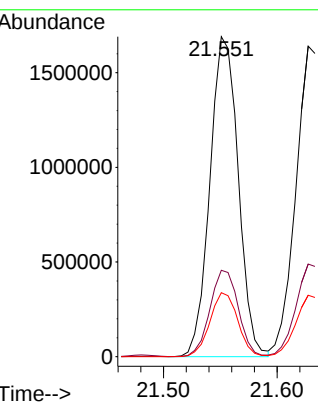
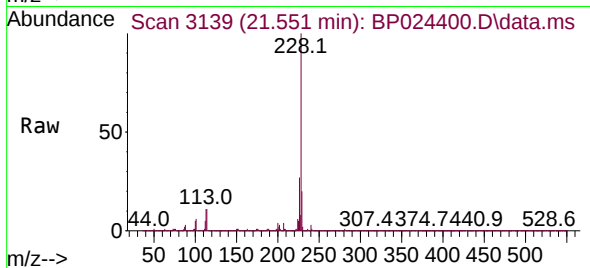
229 20.0 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025



#82

3,3'-Dichlorobenzidine

Concen: 38.464 ng

RT: 21.480 min Scan# 3127

Delta R.T. -0.012 min

Lab File: BP024400.D

Acq: 23 Apr 2025 17:35

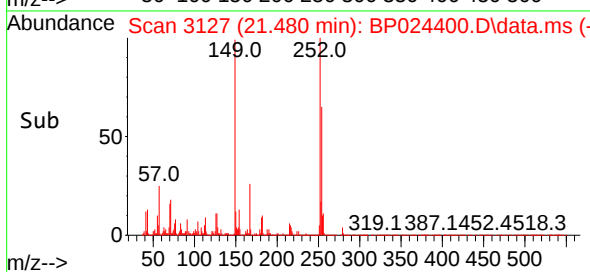
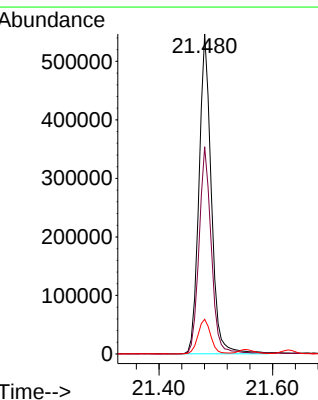
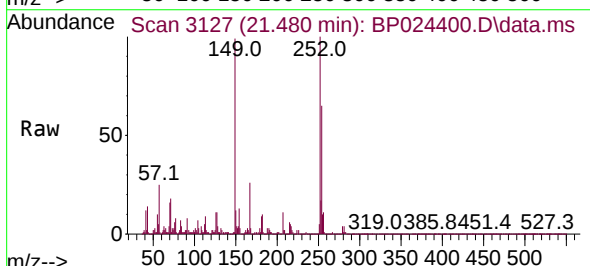
Tgt Ion:252 Resp: 818606

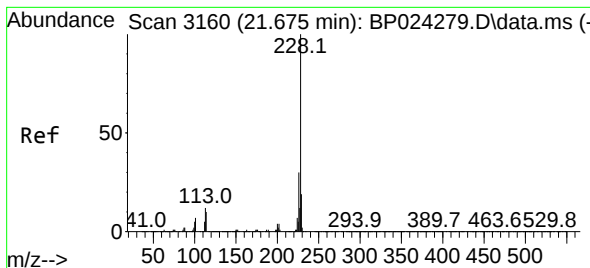
Ion Ratio Lower Upper

252 100

254 64.8 51.7 77.5

126 10.8 8.8 13.2





#83

Chrysene

Concen: 47.483 ng

RT: 21.627 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP024400.D

Acq: 23 Apr 2025 17:35

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-08MSD

Tgt Ion:228 Resp: 2758378

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.2

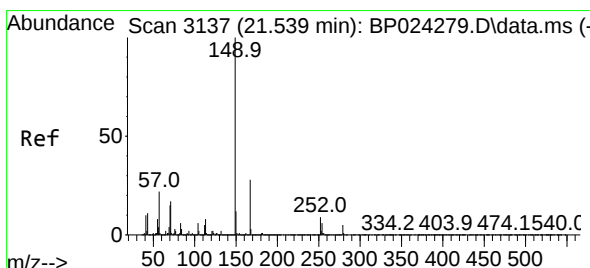
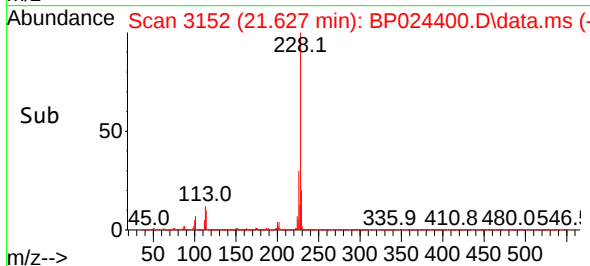
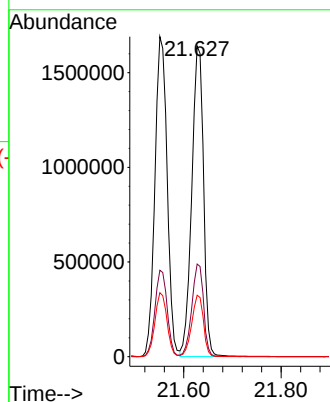
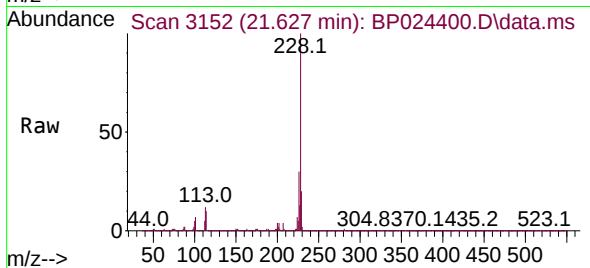
229 19.8 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.457 ng

RT: 21.492 min Scan# 3129

Delta R.T. -0.018 min

Lab File: BP024400.D

Acq: 23 Apr 2025 17:35

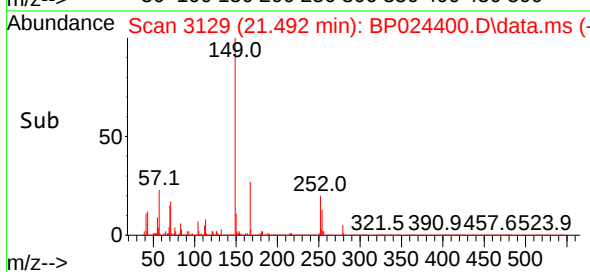
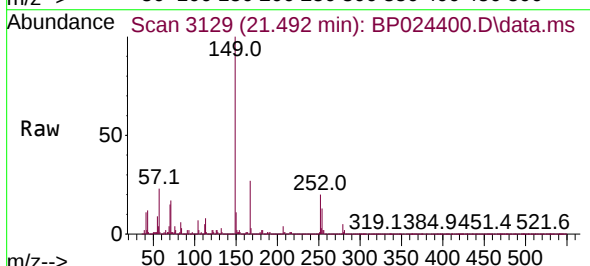
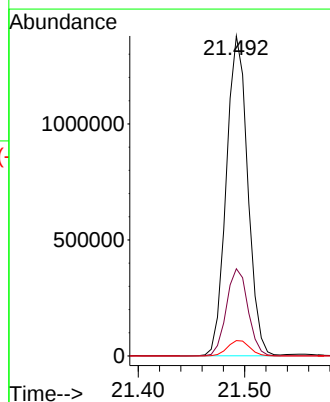
Tgt Ion:149 Resp: 1925286

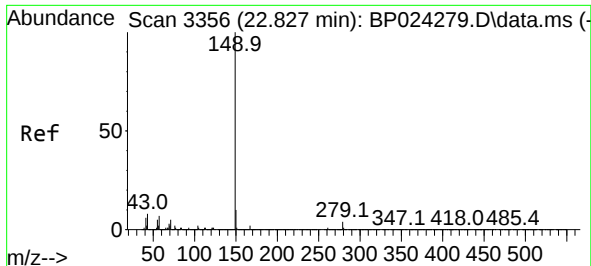
Ion Ratio Lower Upper

149 100

167 27.2 22.4 33.6

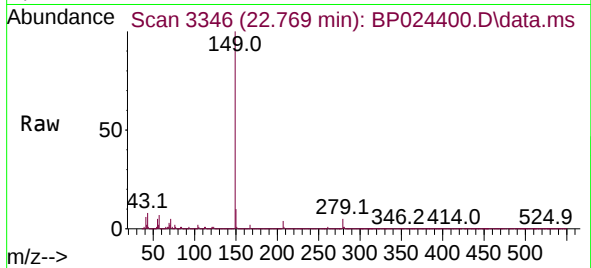
279 4.8 4.0 6.0





#85
Di-n-octyl phthalate
Concen: 50.775 ng
RT: 22.769 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

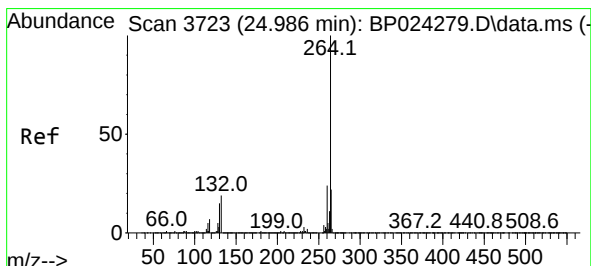
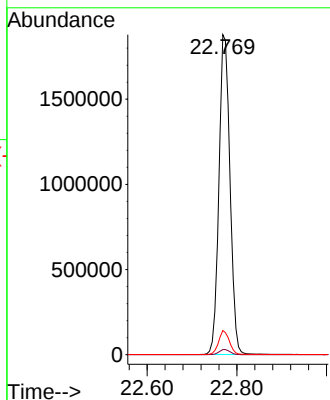
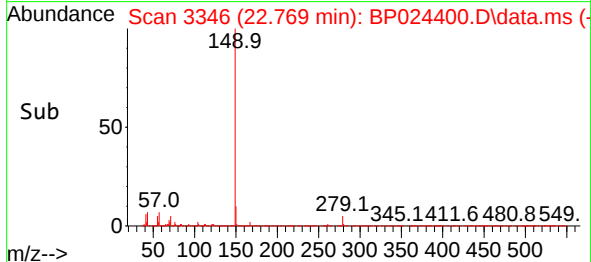
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD



Tgt Ion:149 Resp: 321338
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.3 6.0 9.0

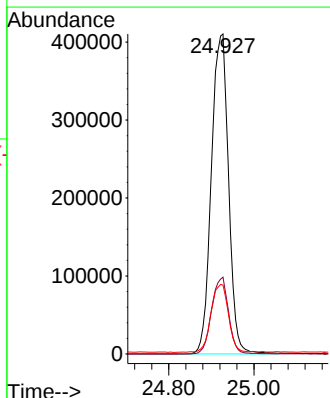
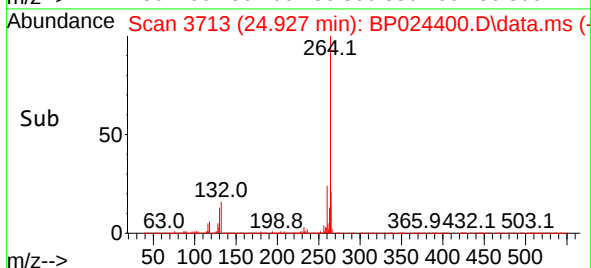
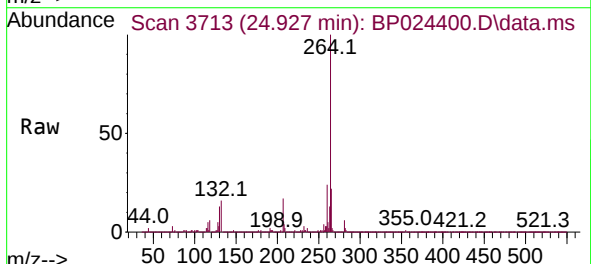
Manual Integrations
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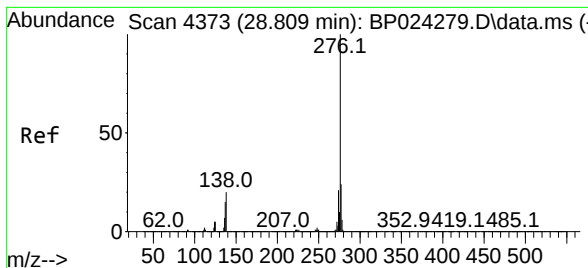
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.927 min Scan# 3713
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Tgt Ion:264 Resp: 1149292
Ion Ratio Lower Upper
264 100
260 24.0 18.9 28.3
265 21.6 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.853 ng m

RT: 28.721 min Scan# 41

Delta R.T. -0.018 min

Lab File: BP024400.D

Acq: 23 Apr 2025 17:35

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-08MSD

Tgt Ion:276 Resp: 413732

Ion Ratio Lower Upper

276 100

138 15.6 14.5 21.7

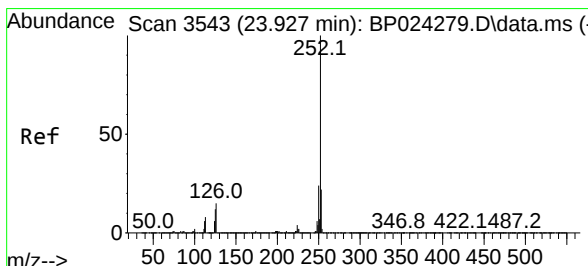
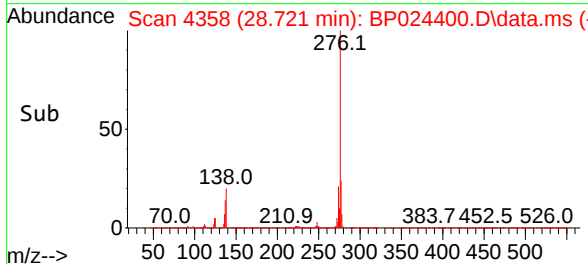
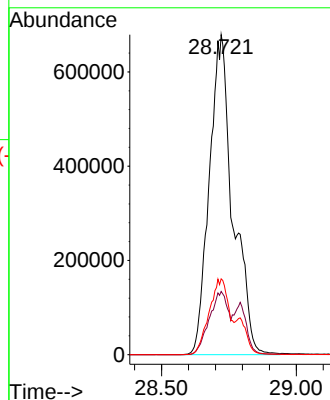
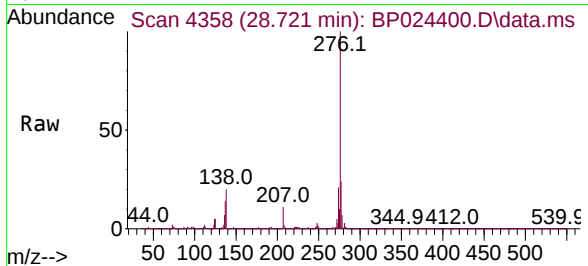
277 19.8 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025



#88

Benzo(b)fluoranthene

Concen: 46.685 ng

RT: 23.863 min Scan# 3532

Delta R.T. -0.023 min

Lab File: BP024400.D

Acq: 23 Apr 2025 17:35

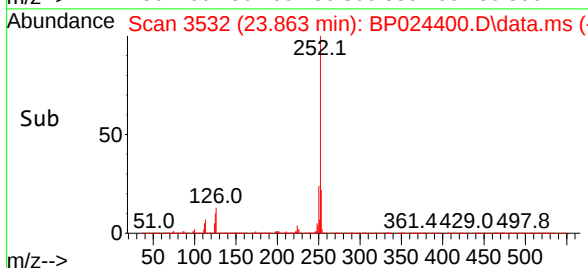
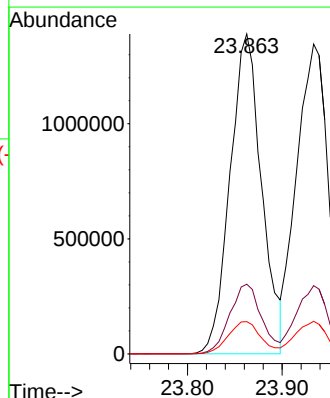
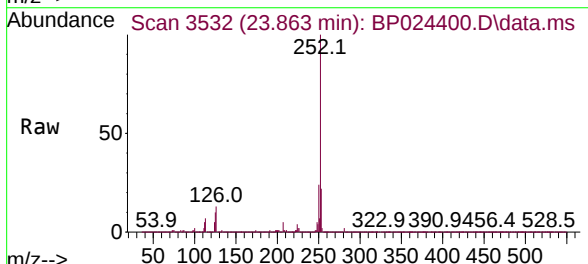
Tgt Ion:252 Resp: 3216137

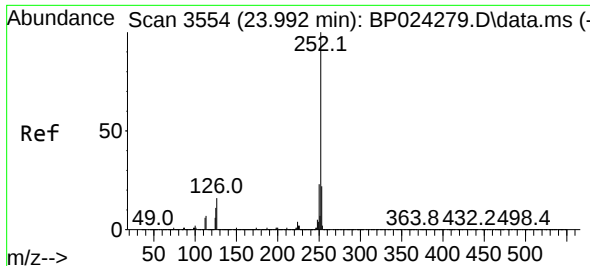
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 10.1 9.4 14.0





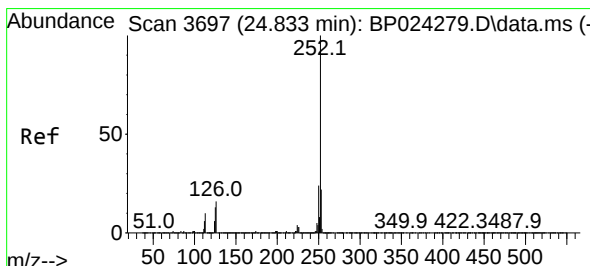
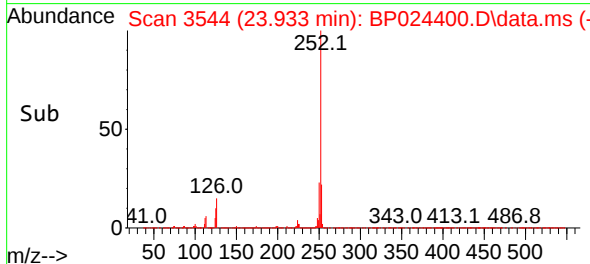
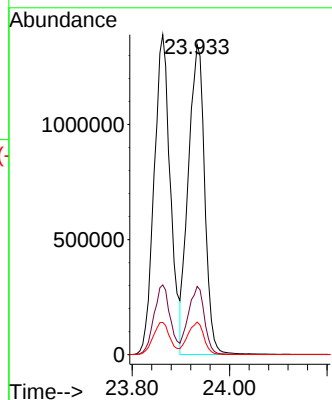
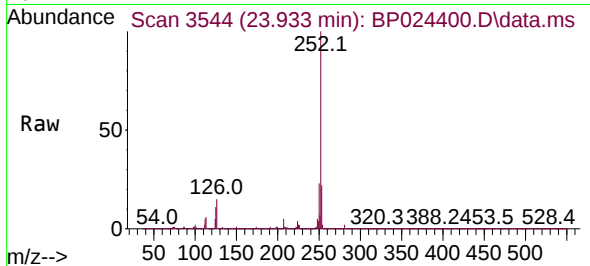
#89
Benzo(k)fluoranthene
Concen: 47.174 ng
RT: 23.933 min Scan# 313912
Delta R.T. -0.023 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD

Tgt Ion:252 Resp: 313912
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 10.5 9.1 13.7

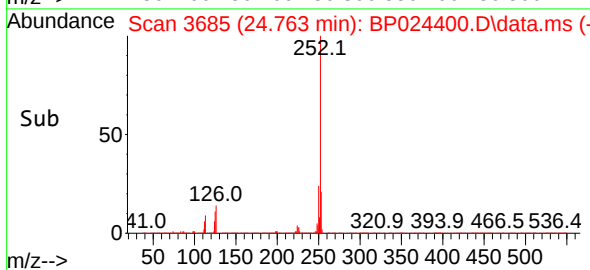
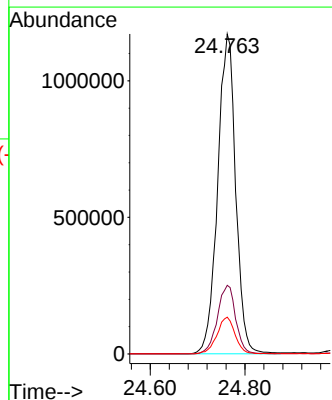
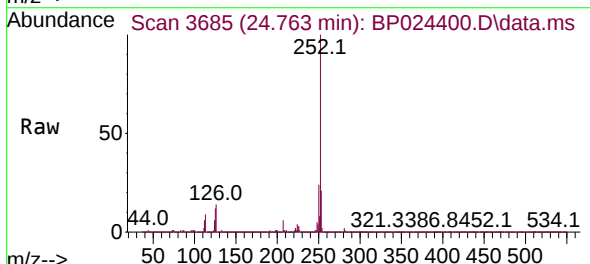
Manual Integrations
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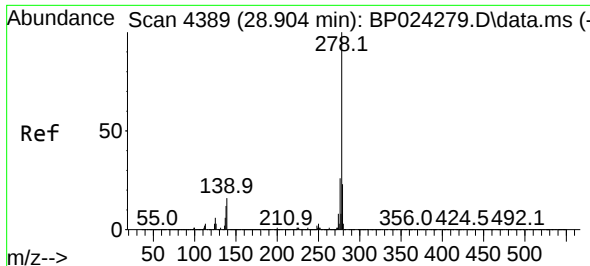
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#90
Benzo(a)pyrene
Concen: 52.060 ng
RT: 24.763 min Scan# 3685
Delta R.T. -0.018 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

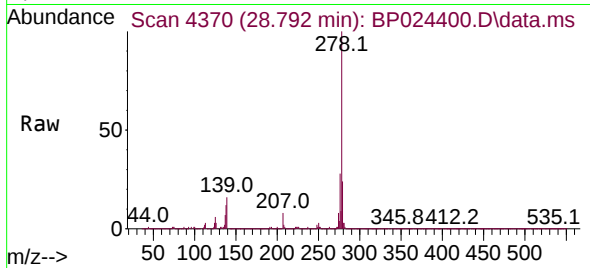
Tgt Ion:252 Resp: 3093609
Ion Ratio Lower Upper
252 100
253 21.5 17.6 26.4
125 11.5 10.1 15.1





#91
Dibenzo(a,h)anthracene
Concen: 51.411 ng
RT: 28.792 min Scan# 41
Delta R.T. -0.012 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

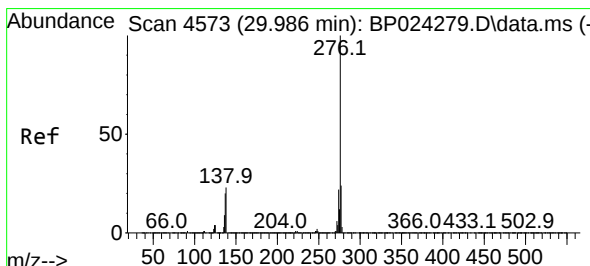
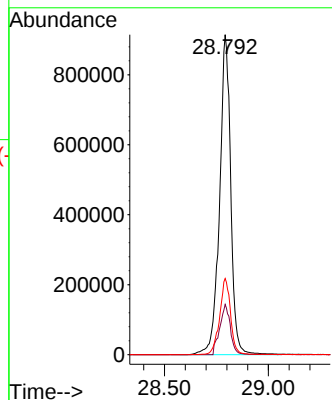
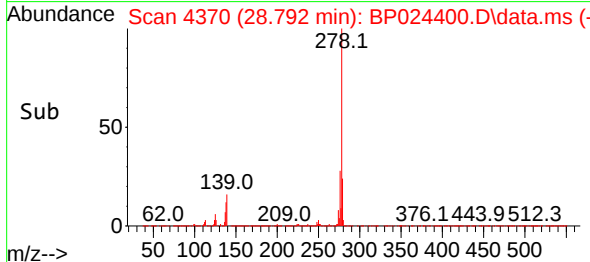
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD



Tgt Ion:278 Resp: 3404772
Ion Ratio Lower Upper
278 100
139 15.7 12.6 19.0
279 23.8 18.5 27.7

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#92
Benzo(g,h,i)perylene
Concen: 49.796 ng m
RT: 29.892 min Scan# 4557
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Tgt Ion:276 Resp: 3356752
Ion Ratio Lower Upper
276 100
277 23.9 18.9 28.3
138 21.1 18.7 28.1

