

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042325\
 Data File : BP024398.D
 Acq On : 23 Apr 2025 16:14
 Operator : RC/JU
 Sample : Q1842-13MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PL-714-COMP-10MSD

Quant Time: Apr 23 16:53:13 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	214024	20.000	ng	0.00
21) Naphthalene-d8	10.493	136	846772	20.000	ng	0.00
39) Acenaphthene-d10	14.351	164	518459	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	1055394	20.000	ng	0.00
76) Chrysene-d12	21.592	240	1162202	20.000	ng	0.00
86) Perylene-d12	24.939	264	1325155	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1232730	95.235	ng	0.00
7) Phenol-d6	6.905	99	1655489	93.404	ng	0.00
23) Nitrobenzene-d5	8.863	82	940876	63.358	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	813544	113.415	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	2218201	65.508	ng	0.00
79) Terphenyl-d14	19.875	244	3926986	68.107	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.287	88	216281	39.503	ng	96
3) Pyridine	3.681	79	550461	38.075	ng	98
4) n-Nitrosodimethylamine	3.587	42	219785	45.807	ng	89
6) Aniline	7.058	93	482013	30.434	ng	99
8) 2-Chlorophenol	7.293	128	653285	45.204	ng	99
9) Benzaldehyde	6.869	77	324768	37.043	ng	98
10) Phenol	6.934	94	804141	45.228	ng	97
11) bis(2-Chloroethyl)ether	7.152	93	594145	41.475	ng	99
12) 1,3-Dichlorobenzene	7.611	146	694483	44.637	ng	99
13) 1,4-Dichlorobenzene	7.752	146	700886	44.399	ng	100
14) 1,2-Dichlorobenzene	8.069	146	673931	44.212	ng	99
15) Benzyl Alcohol	7.958	79	523814	45.699	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.234	45	668127	43.149	ng	99
17) 2-Methylphenol	8.163	107	531477	46.208	ng	98
18) Hexachloroethane	8.787	117	263113	46.120	ng	97
19) n-Nitroso-di-n-propyla...	8.516	70	436230	39.783	ng	98
20) 3+4-Methylphenols	8.487	107	715496	44.833	ng	99
22) Acetophenone	8.528	105	917078	43.758	ng	# 98
24) Nitrobenzene	8.905	77	653483	44.483	ng	99
25) Isophorone	9.428	82	1239395	46.109	ng	99
26) 2-Nitrophenol	9.610	139	347152	48.288	ng	97
27) 2,4-Dimethylphenol	9.675	122	587891	65.126	ng	99
28) bis(2-Chloroethoxy)met...	9.905	93	779681	42.938	ng	99
29) 2,4-Dichlorophenol	10.146	162	583128	47.377	ng	98
30) 1,2,4-Trichlorobenzene	10.358	180	608250	46.124	ng	99
31) Naphthalene	10.540	128	1900028	42.597	ng	99
32) Benzoic acid	9.834	122	483966m	46.012	ng	
33) 4-Chloroaniline	10.657	127	267115	17.005	ng	98
34) Hexachlorobutadiene	10.828	225	370717	47.839	ng	99
35) Caprolactam	11.446	113	207720	45.738	ng	96
36) 4-Chloro-3-methylphenol	11.787	107	648031	45.202	ng	99
37) 2-Methylnaphthalene	12.152	142	1201035	38.825	ng	98
38) 1-Methylnaphthalene	12.369	142	1275820	42.159	ng	100
40) 1,2,4,5-Tetrachloroben...	12.522	216	665359	46.667	ng	99
41) Hexachlorocyclopentadiene	12.504	237	847509	168.071	ng	98
43) 2,4,6-Trichlorophenol	12.769	196	465876	49.147	ng	98

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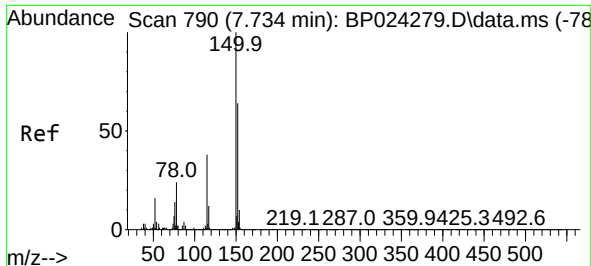
Manual Integrations
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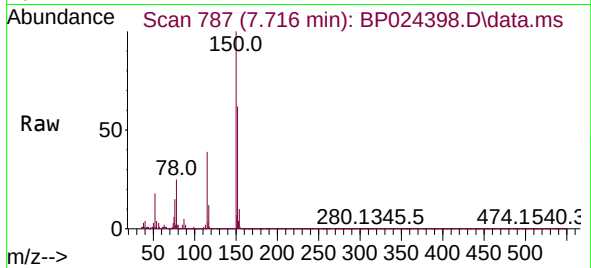
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.846	196	514929	49.054	ng	99
46) 1,1'-Biphenyl	13.169	154	1700044	44.609	ng	99
47) 2-Chloronaphthalene	13.210	162	1305833	45.847	ng	99
48) 2-Nitroaniline	13.422	65	390548	48.883	ng	98
49) Acenaphthylene	14.069	152	2184189	48.707	ng	99
50) Dimethylphthalate	13.804	163	1680775	44.579	ng	100
51) 2,6-Dinitrotoluene	13.922	165	374599	46.788	ng	99
52) Acenaphthene	14.416	154	1257370	44.228	ng	100
53) 3-Nitroaniline	14.257	138	274626	32.637	ng	98
54) 2,4-Dinitrophenol	14.469	184	493019	104.541	ng	96
55) Dibenzofuran	14.751	168	1992177	42.870	ng	98
56) 4-Nitrophenol	14.587	139	752762	103.581	ng	96
57) 2,4-Dinitrotoluene	14.722	165	545724	49.968	ng	100
58) Fluorene	15.410	166	1629022	45.284	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.987	232	469918	48.538	ng	99
60) Diethylphthalate	15.187	149	1753015	45.118	ng	100
61) 4-Chlorophenyl-phenyle...	15.404	204	791258	45.295	ng	97
62) 4-Nitroaniline	15.440	138	429613	48.228	ng	94
63) Azobenzene	15.704	77	1692947	47.406	ng	98
65) 4,6-Dinitro-2-methylph...	15.498	198	314732	47.301	ng	99
66) n-Nitrosodiphenylamine	15.628	169	1433336	45.501	ng	100
67) 4-Bromophenyl-phenylether	16.322	248	530233	45.937	ng	99
68) Hexachlorobenzene	16.440	284	646702	47.150	ng	96
69) Atrazine	16.604	200	538216	67.084	ng	98
70) Pentachlorophenol	16.792	266	960391	100.370	ng	99
71) Phenanthrene	17.187	178	2706879	47.015	ng	100
72) Anthracene	17.287	178	2647107	47.704	ng	99
73) Carbazole	17.563	167	2559218	47.202	ng	99
74) Di-n-butylphthalate	18.157	149	3276323	48.503	ng	100
75) Fluoranthene	19.275	202	3489227	50.956	ng	99
77) Benzidine	19.486	184	1481941	100.594	ng	99
78) Pyrene	19.657	202	3530628	47.802	ng	99
80) Butylbenzylphthalate	20.610	149	1600609	50.595	ng	98
81) Benzo(a)anthracene	21.575	228	3438641	47.602	ng	100
82) 3,3'-Dichlorobenzidine	21.498	252	843933	33.285	ng	99
83) Chrysene	21.645	228	3236607	46.767	ng	100
84) Bis(2-ethylhexyl)phtha...	21.516	149	2361933	50.929	ng	100
85) Di-n-octyl phthalate	22.780	149	4003927	53.106	ng	100
87) Indeno(1,2,3-cd)pyrene	28.727	276	4716640	51.269	ng	98
88) Benzo(b)fluoranthene	23.874	252	3729574	46.954	ng	99
89) Benzo(k)fluoranthene	23.945	252	3579146	46.649	ng	99
90) Benzo(a)pyrene	24.769	252	3520519	51.382	ng	99
91) Dibenzo(a,h)anthracene	28.804	278	3778077	49.476	ng	98
92) Benzo(g,h,i)perylene	29.892	276	3856403	49.616	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

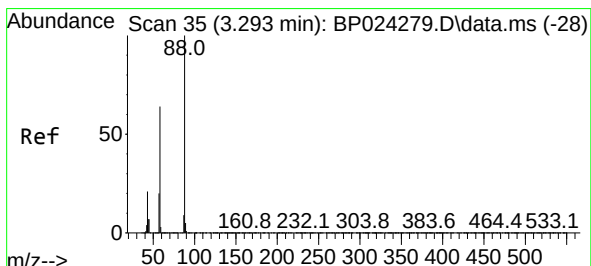
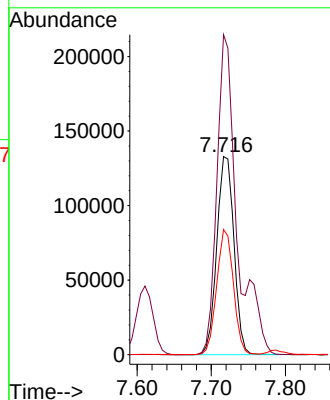
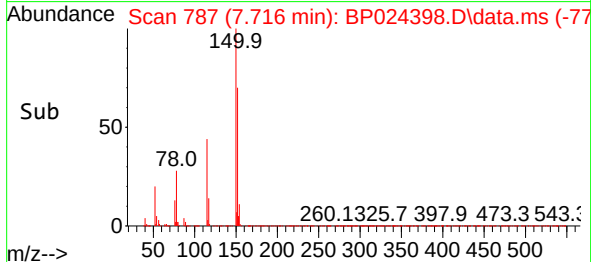
Instrument :
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ClientSampleId :
PL-714-COMP-10MSD



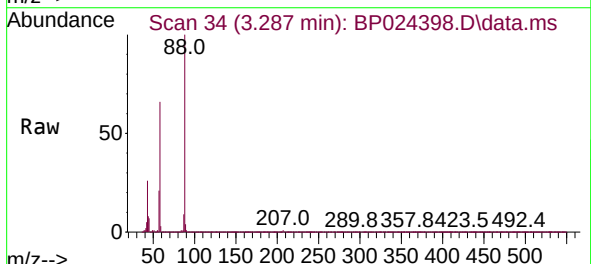
Tgt Ion:152 Resp: 214024
Ion Ratio Lower Upper
152 100
150 161.5 124.9 187.3
115 63.2 47.7 71.5

Manual Integrations
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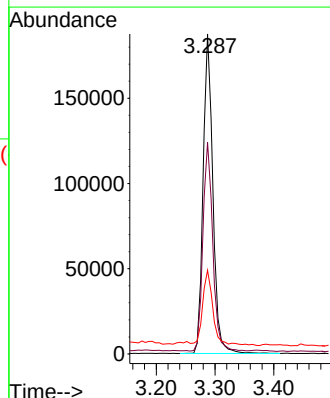
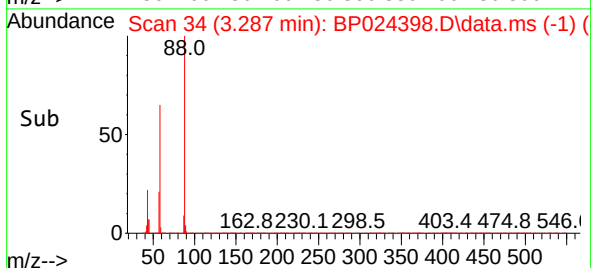
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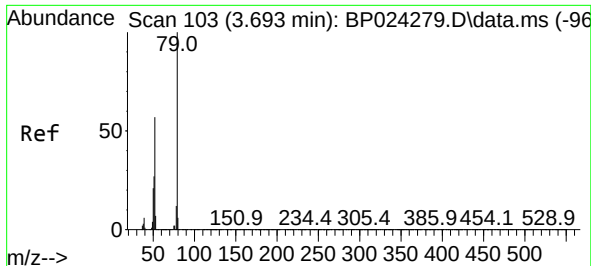


#2
1,4-Dioxane
Concen: 39.503 ng
RT: 3.287 min Scan# 34
Delta R.T. 0.000 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14



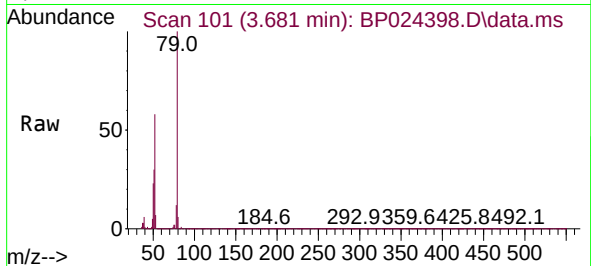
Tgt Ion: 88 Resp: 216281
Ion Ratio Lower Upper
88 100
58 66.0 51.4 77.2
43 25.6 17.1 25.7





#3
Pyridine
Concen: 38.075 ng
RT: 3.681 min Scan# 103
Delta R.T. -0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

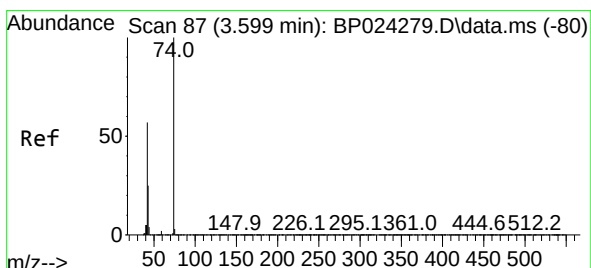
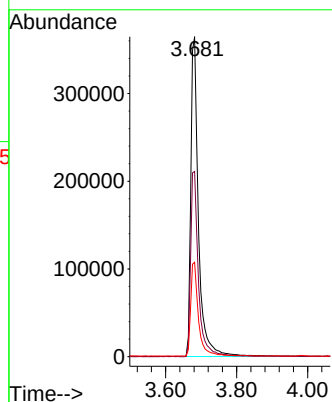
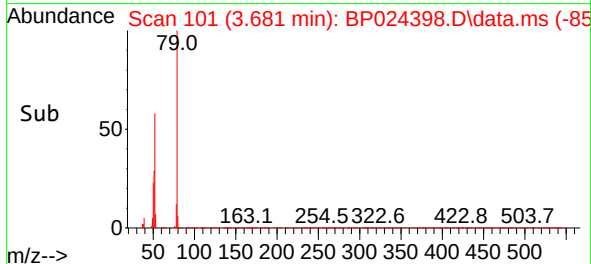
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD



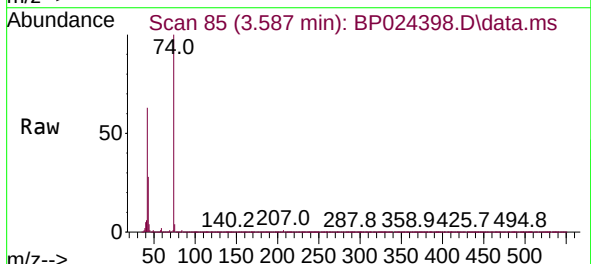
Tgt Ion: 79 Resp: 55046
Ion Ratio Lower Upper
79 100
52 57.9 45.4 68.2
51 29.5 22.6 33.8

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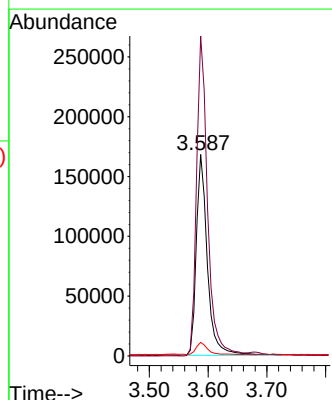
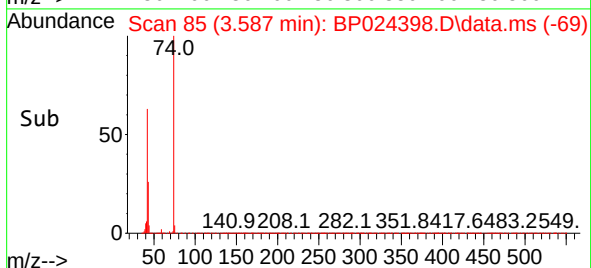
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

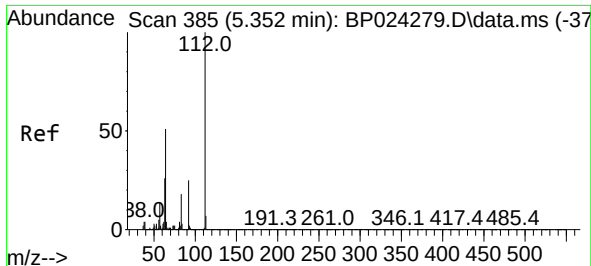


#4
n-Nitrosodimethylamine
Concen: 45.807 ng
RT: 3.587 min Scan# 85
Delta R.T. -0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14



Tgt Ion: 42 Resp: 219785
Ion Ratio Lower Upper
42 100
74 158.9 139.5 209.3
44 6.7 5.8 8.8





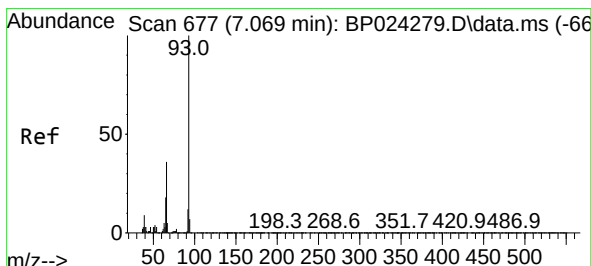
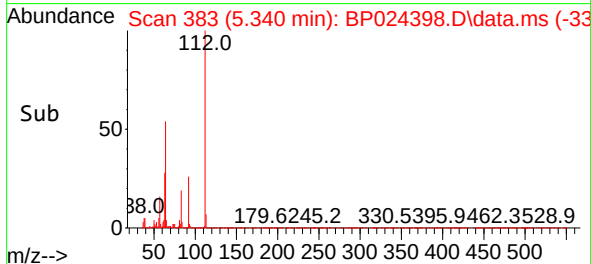
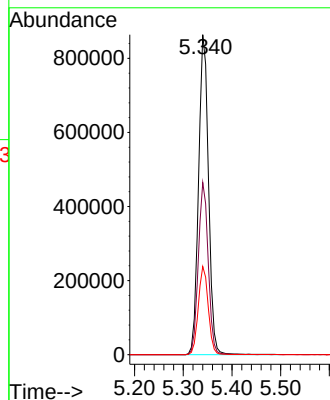
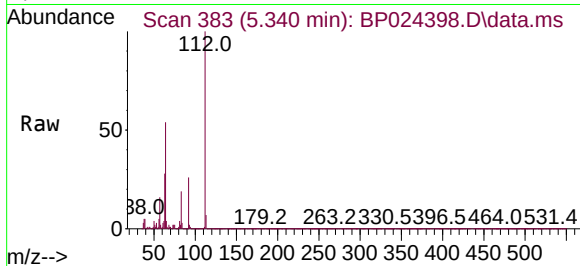
#5
2-Fluorophenol
Concen: 95.235 ng
RT: 5.340 min Scan# 385
Delta R.T. -0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD

Tgt Ion:112 Resp: 1232730
Ion Ratio Lower Upper
112 100
64 53.8 41.1 61.7
63 27.5 20.6 30.8

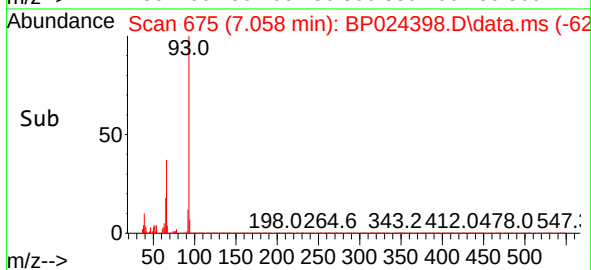
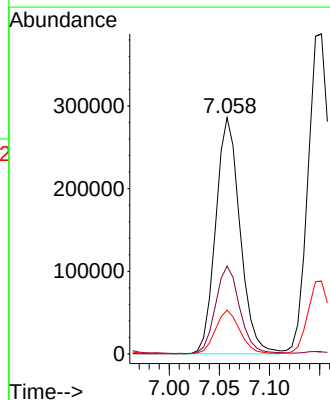
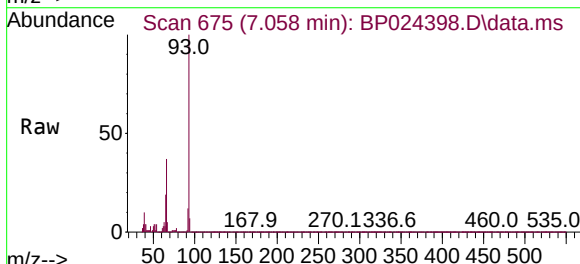
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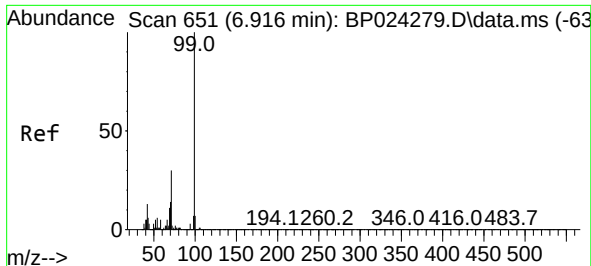
Reviewed By :Rahul Chavli 04/24/2025
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#6
Aniline
Concen: 30.434 ng
RT: 7.058 min Scan# 675
Delta R.T. -0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

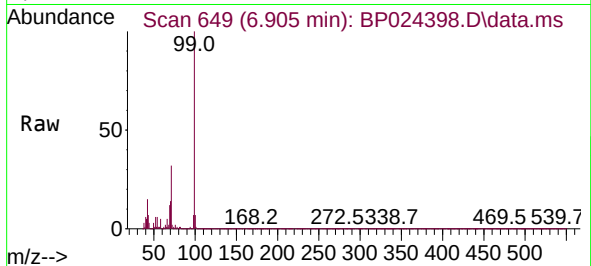
Tgt Ion: 93 Resp: 482013
Ion Ratio Lower Upper
93 100
66 37.2 29.1 43.7
65 18.5 14.7 22.1





#7
Phenol-d6
Concen: 93.404 ng
RT: 6.905 min Scan# 649
Delta R.T. -0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

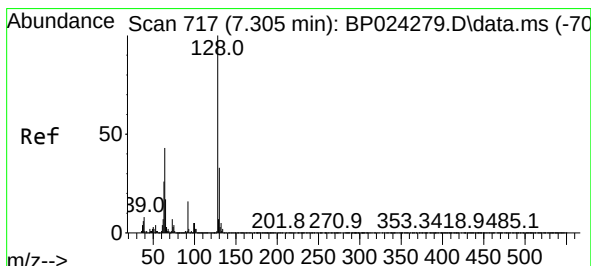
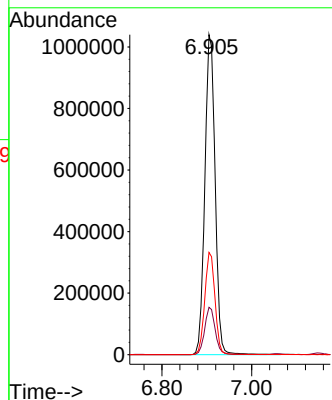
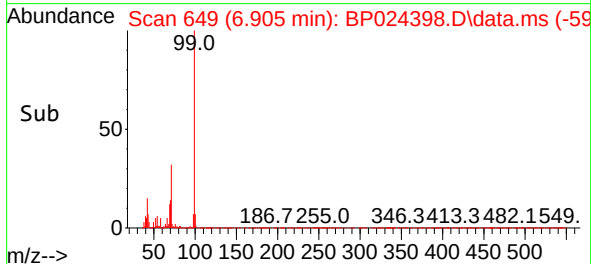
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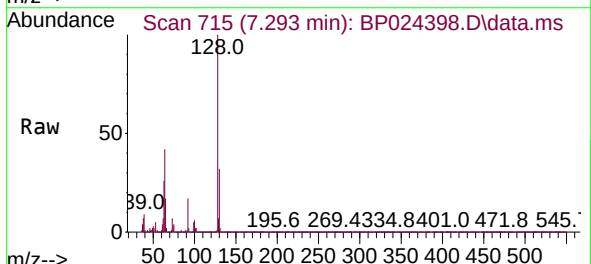
Tgt Ion: 99 Resp: 1655489
Ion Ratio Lower Upper
99 100
42 14.8 10.6 16.0
71 31.9 23.7 35.5

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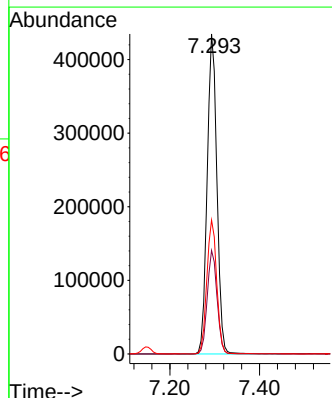
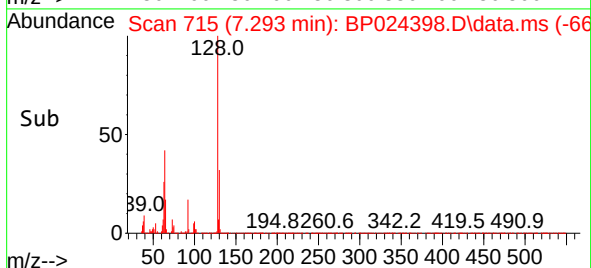
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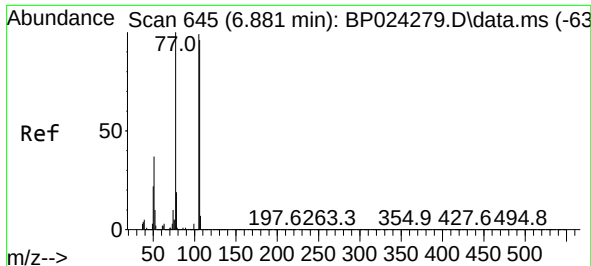


#8
2-Chlorophenol
Concen: 45.204 ng
RT: 7.293 min Scan# 715
Delta R.T. -0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14



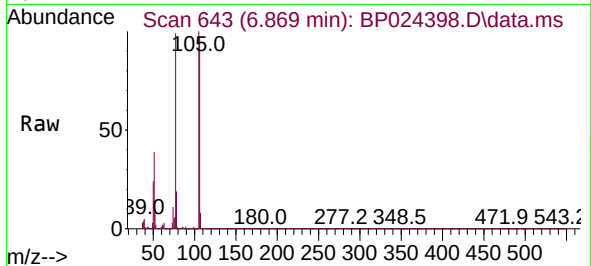
Tgt Ion:128 Resp: 653285
Ion Ratio Lower Upper
128 100
130 32.3 12.9 52.9
64 41.8 22.7 62.7





#9
Benzaldehyde
Concen: 37.043 ng
RT: 6.869 min Scan# 645
Delta R.T. -0.012 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

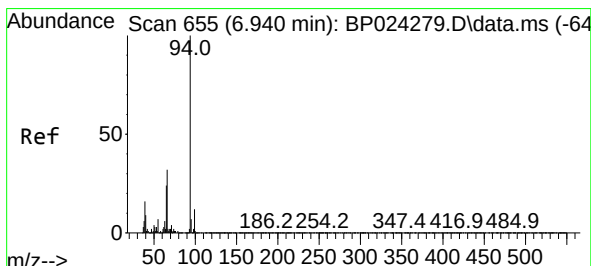
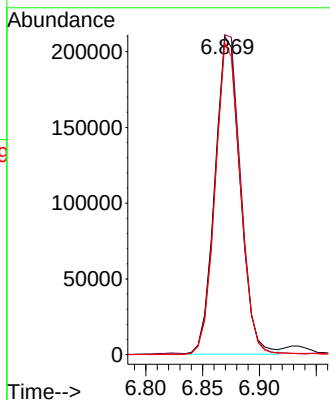
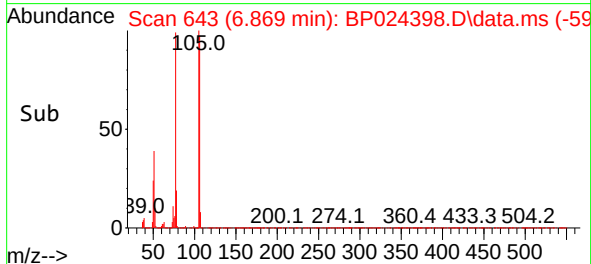
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD



Tgt Ion: 77 Resp: 324768
Ion Ratio Lower Upper
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105 100.5 79.2 119.2
106 97.8 76.2 116.2

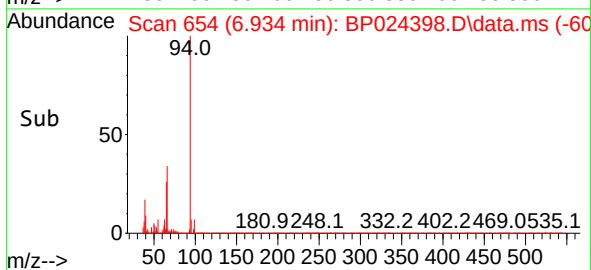
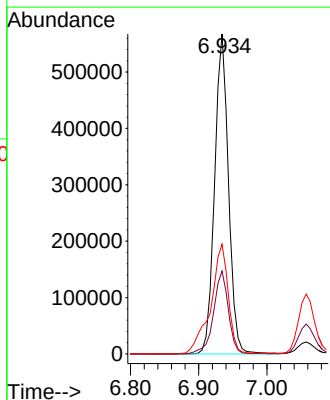
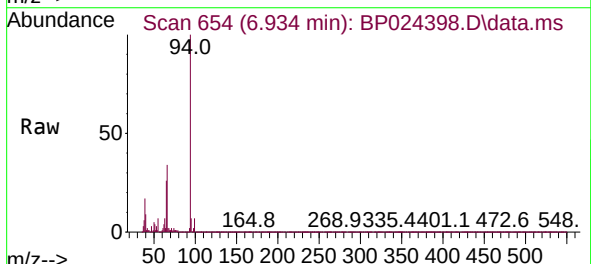
Manual Integrations
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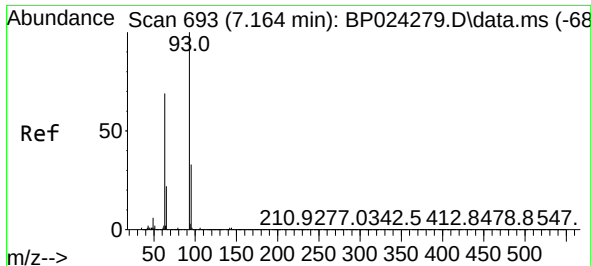
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#10
Phenol
Concen: 45.228 ng
RT: 6.934 min Scan# 654
Delta R.T. -0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

Tgt Ion: 94 Resp: 804141
Ion Ratio Lower Upper
94 100
65 25.9 4.5 44.5
66 34.3 12.4 52.4





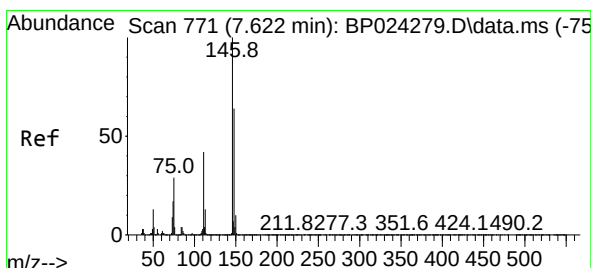
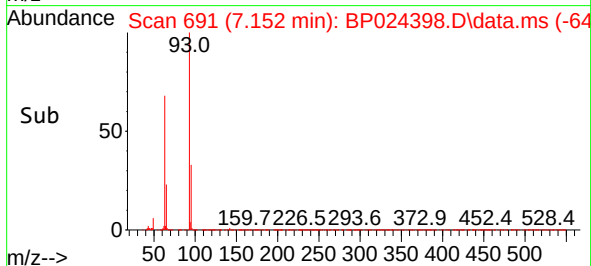
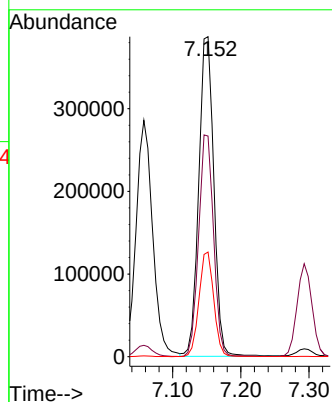
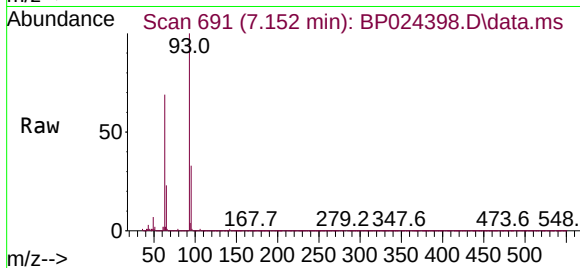
#11
bis(2-Chloroethyl)ether
Concen: 41.475 ng
RT: 7.152 min Scan# 691
Delta R.T. -0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD

Tgt Ion: 93 Resp: 59414
Ion Ratio Lower Upper
93 100
63 69.0 48.6 88.6
95 32.7 12.3 52.3

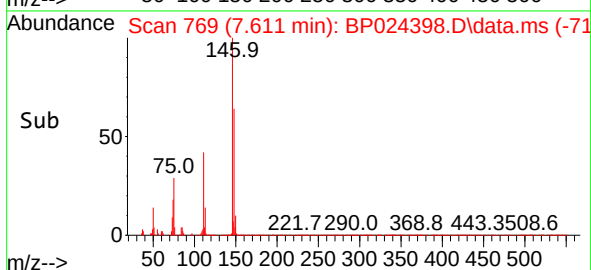
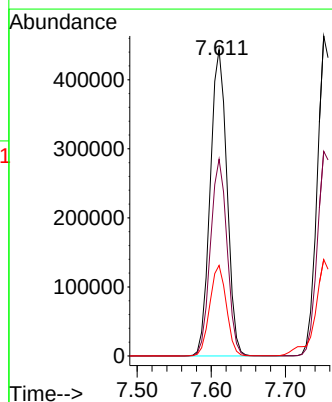
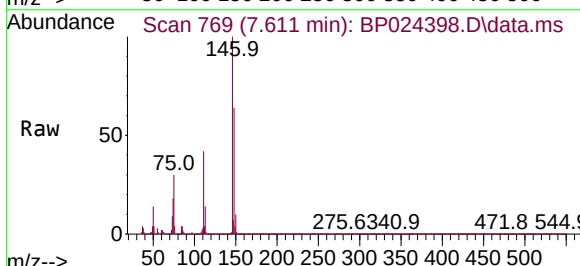
Manual Integrations
APPROVED

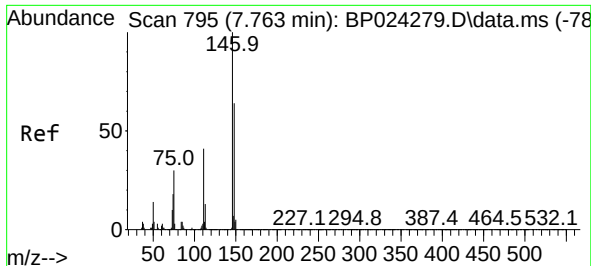
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#12
1,3-Dichlorobenzene
Concen: 44.637 ng
RT: 7.611 min Scan# 769
Delta R.T. -0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

Tgt Ion:146 Resp: 694483
Ion Ratio Lower Upper
146 100
148 64.2 51.4 77.0
75 29.6 22.9 34.3





#13

1,4-Dichlorobenzene

Concen: 44.399 ng

RT: 7.752 min Scan# 795

Delta R.T. -0.006 min

Lab File: BP024398.D

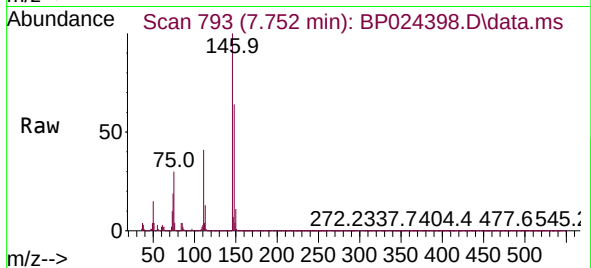
Acq: 23 Apr 2025 16:14

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-10MSD



Tgt Ion:146 Resp: 700880

Ion Ratio Lower Upper

146 100

148 64.0 51.1 76.7

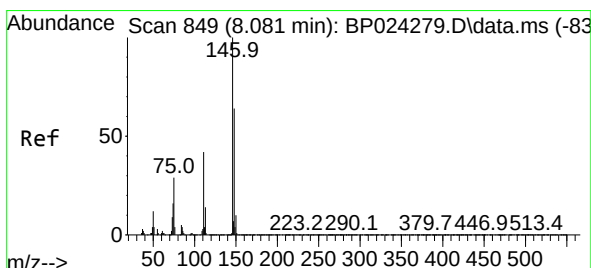
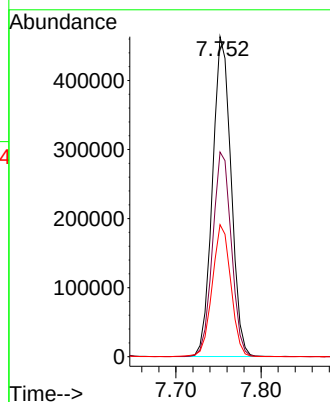
111 41.3 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025



#14

1,2-Dichlorobenzene

Concen: 44.212 ng

RT: 8.069 min Scan# 847

Delta R.T. -0.006 min

Lab File: BP024398.D

Acq: 23 Apr 2025 16:14

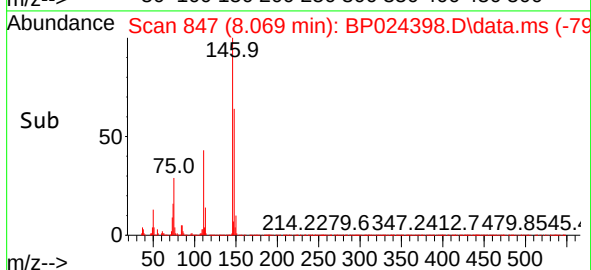
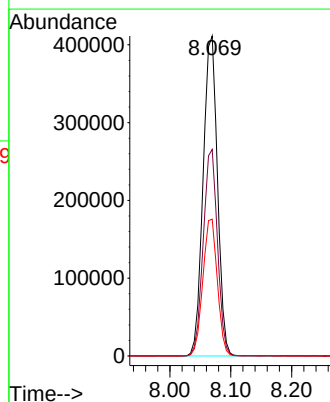
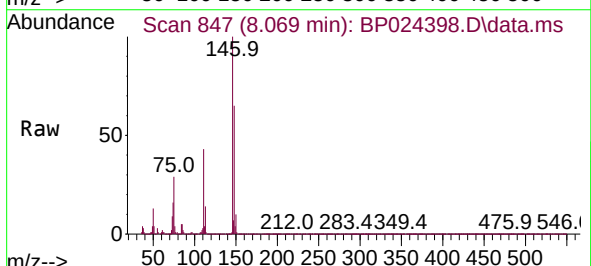
Tgt Ion:146 Resp: 673931

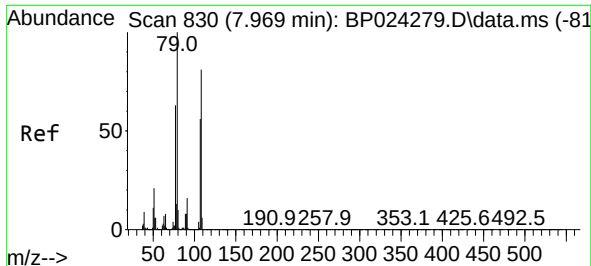
Ion Ratio Lower Upper

146 100

148 64.5 51.0 76.4

111 42.8 33.8 50.8





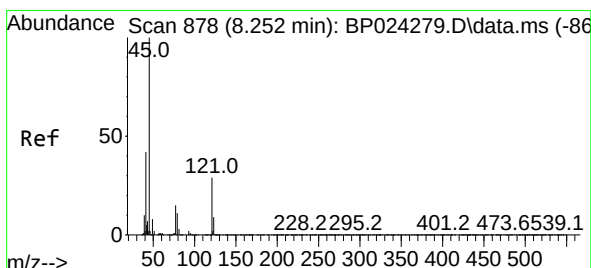
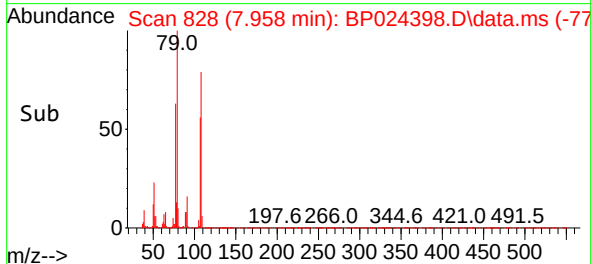
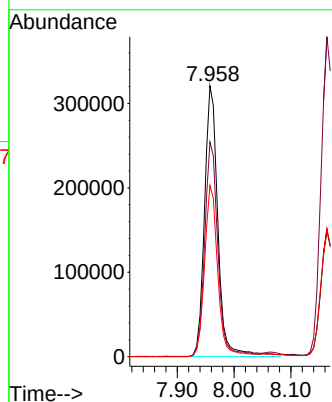
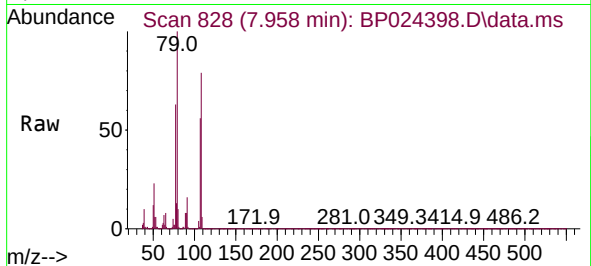
#15
Benzyl Alcohol
Concen: 45.699 ng
RT: 7.958 min Scan# 811
Delta R.T. -0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD

Tgt Ion: 79 Resp: 523814
Ion Ratio Lower Upper
79 100
108 79.3 65.1 97.7
77 63.2 50.7 76.1

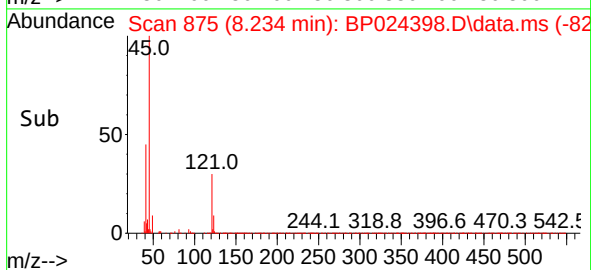
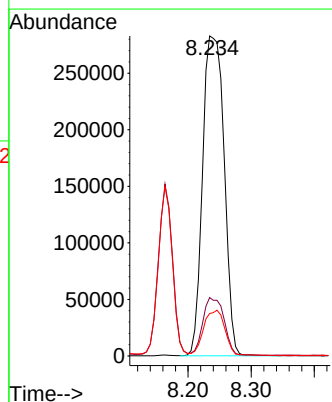
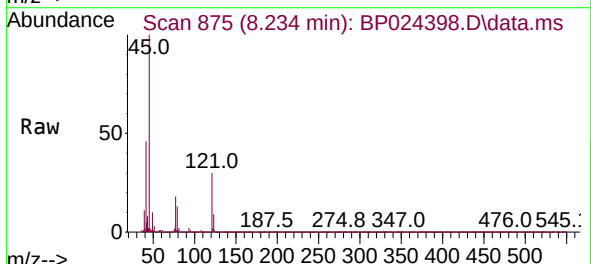
Manual Integrations
APPROVED

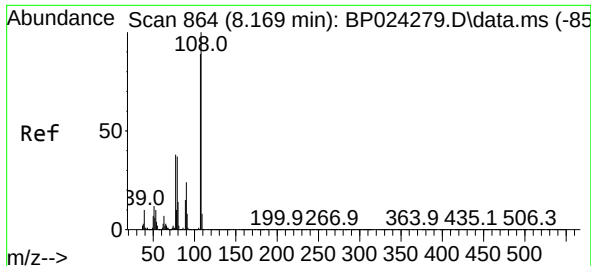
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.149 ng
RT: 8.234 min Scan# 875
Delta R.T. -0.012 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

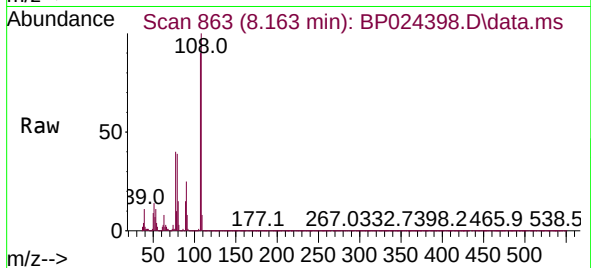
Tgt Ion: 45 Resp: 668127
Ion Ratio Lower Upper
45 100
77 18.2 0.0 37.7
79 13.3 0.0 33.5





#17
2-Methylphenol
Concen: 46.208 ng
RT: 8.163 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

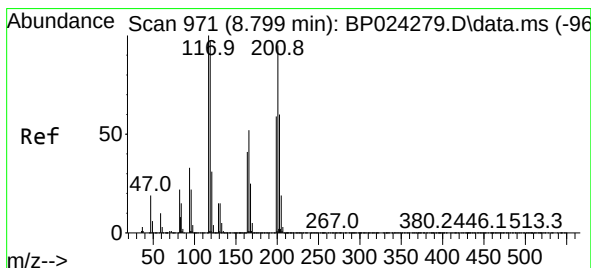
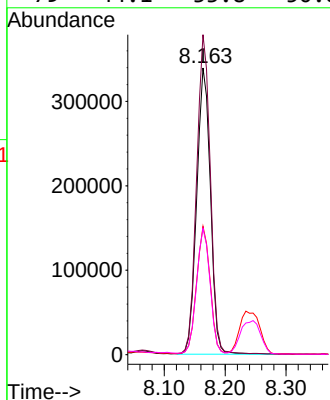
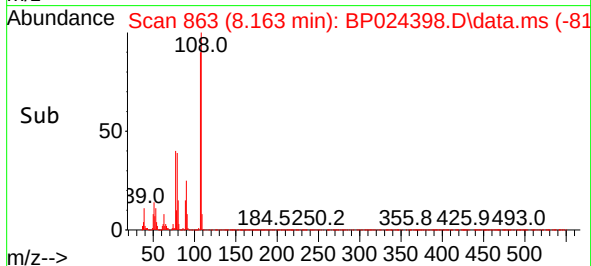
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD



Tgt Ion:107 Resp: 53147
Ion Ratio Lower Upper
107 100
108 111.6 89.8 134.6
77 44.7 34.2 51.4
79 44.1 33.8 50.8

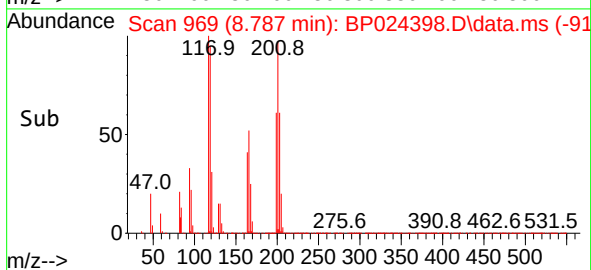
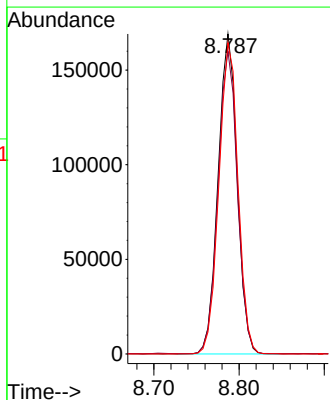
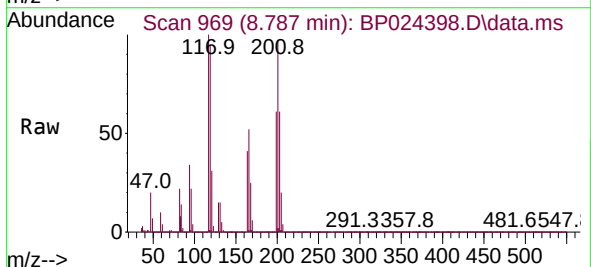
Manual Integrations
APPROVED

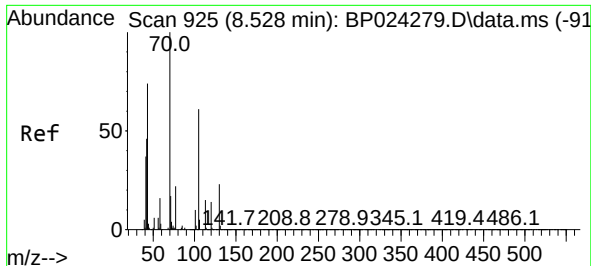
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#18
Hexachloroethane
Concen: 46.120 ng
RT: 8.787 min Scan# 969
Delta R.T. -0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

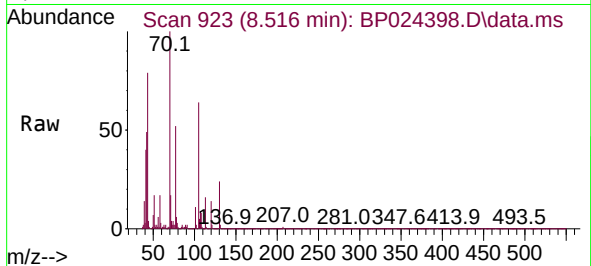
Tgt Ion:117 Resp: 263113
Ion Ratio Lower Upper
117 100
119 94.6 77.8 116.6
201 97.2 75.9 113.9





#19
n-Nitroso-di-n-propylamine
Concen: 39.783 ng
RT: 8.516 min Scan# 918
Delta R.T. -0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

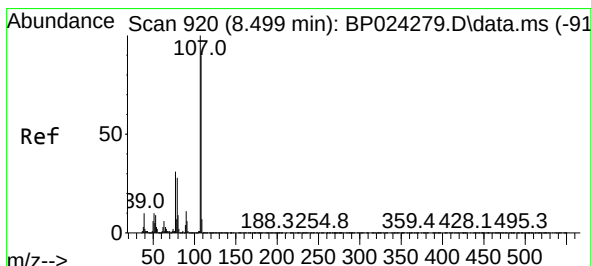
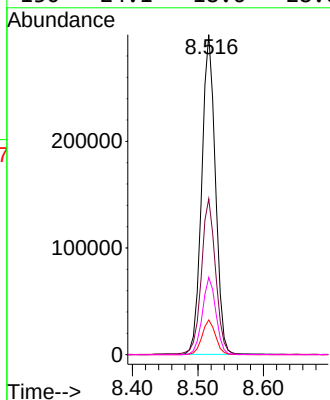
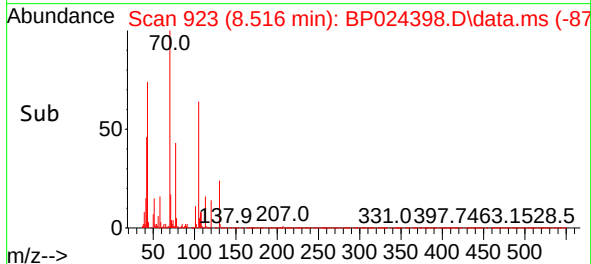
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD



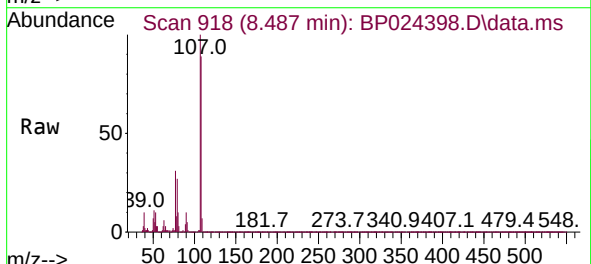
Tgt Ion: 70 Resp: 436230
Ion Ratio Lower Upper
70 100
42 48.7 37.3 55.9
101 10.8 8.2 12.4
130 24.1 18.6 28.0

Manual Integrations
APPROVED

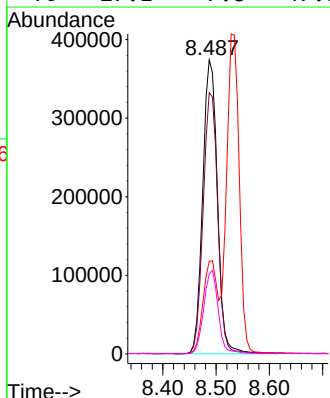
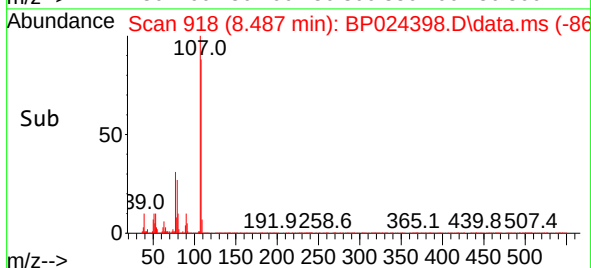
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

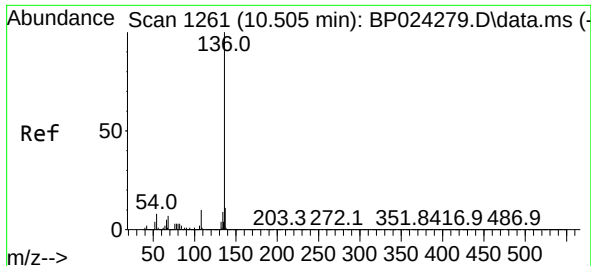


#20
3+4-Methylphenols
Concen: 44.833 ng
RT: 8.487 min Scan# 918
Delta R.T. -0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14



Tgt Ion:107 Resp: 715496
Ion Ratio Lower Upper
107 100
108 88.9 69.8 109.8
77 31.5 11.5 51.5
79 27.1 7.8 47.8





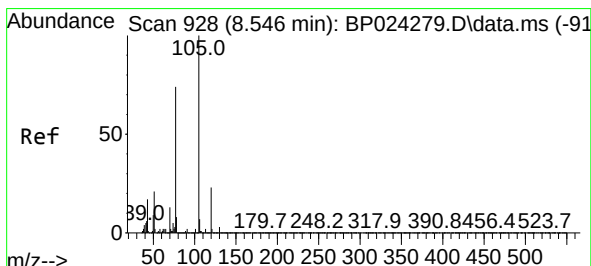
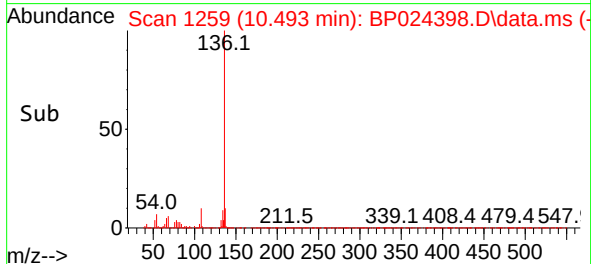
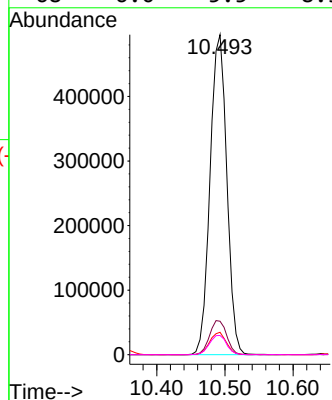
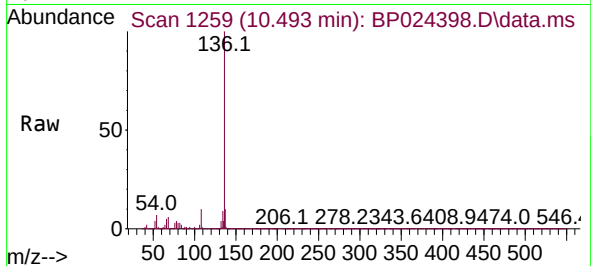
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.493 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD

Tgt Ion:	136	Resp:	846772
Ion Ratio	Lower	Upper	
136	100		
137	10.5	9.2	13.8
54	7.0	6.0	9.0
68	6.0	5.5	8.3

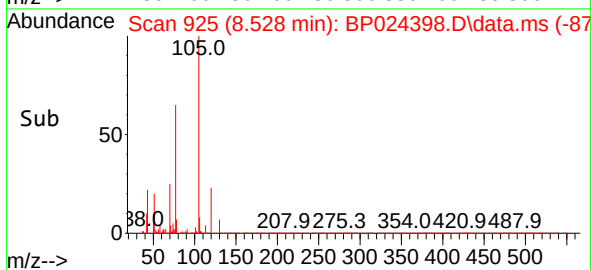
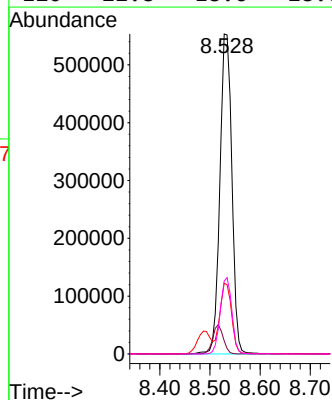
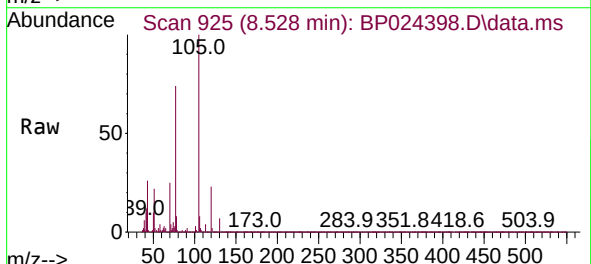
Manual Integrations
APPROVED

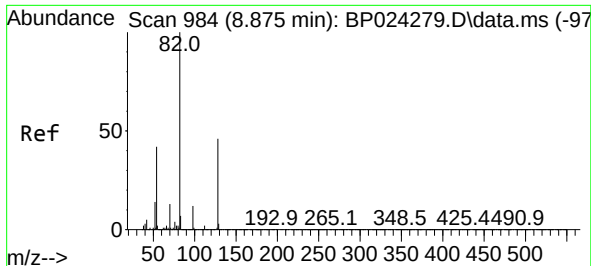
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#22
Acetophenone
Concen: 43.758 ng
RT: 8.528 min Scan# 925
Delta R.T. -0.012 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

Tgt Ion:	105	Resp:	917078
Ion Ratio	Lower	Upper	
105	100		
71	4.1	1.7	2.5
51	22.1	16.9	25.3
120	22.8	18.6	28.0





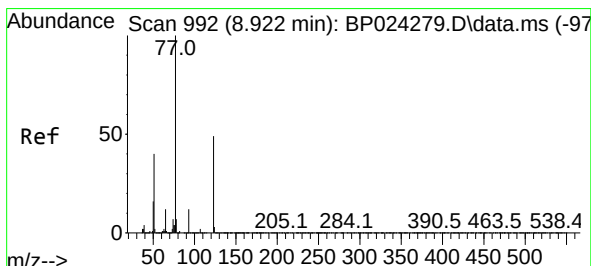
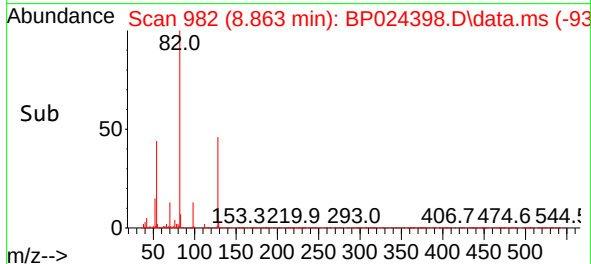
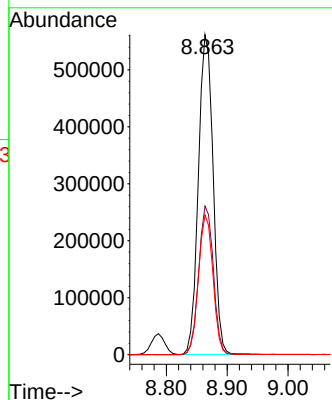
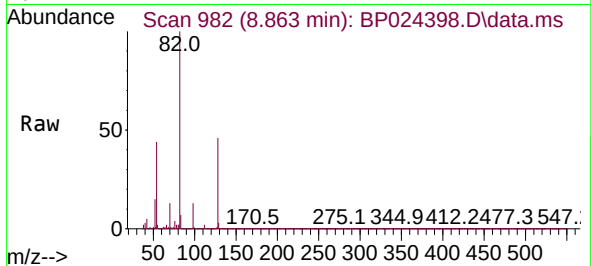
#23
Nitrobenzene-d5
Concen: 63.358 ng
RT: 8.863 min Scan# 982
Delta R.T. -0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD

Tgt Ion: 82 Resp: 940870
Ion Ratio Lower Upper
82 100
128 46.4 36.5 54.7
54 43.7 33.4 50.2

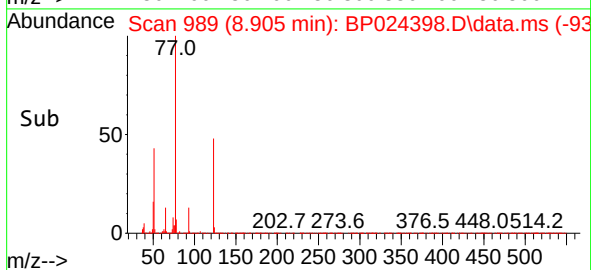
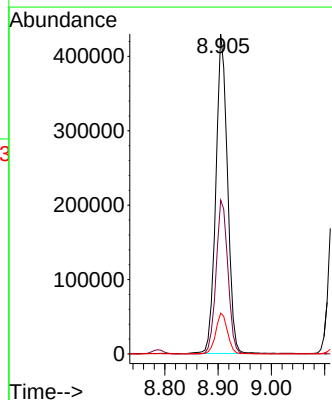
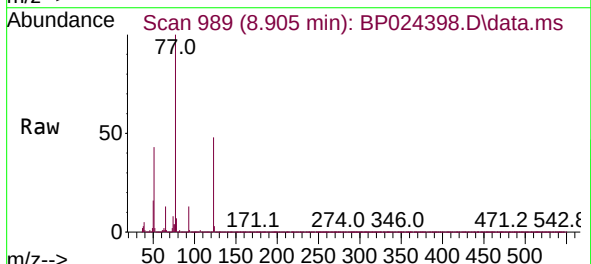
Manual Integrations
APPROVED

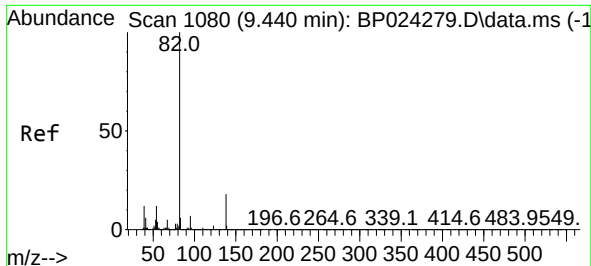
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#24
Nitrobenzene
Concen: 44.483 ng
RT: 8.905 min Scan# 989
Delta R.T. -0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

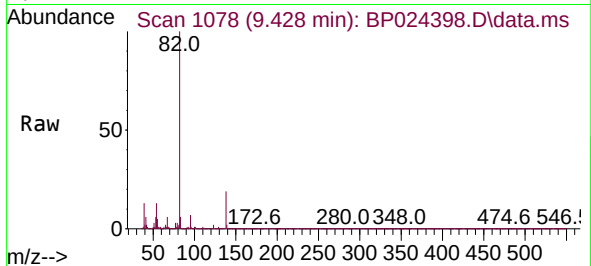
Tgt Ion: 77 Resp: 653483
Ion Ratio Lower Upper
77 100
123 48.1 39.2 58.8
65 12.7 9.8 14.6





#25
Isophorone
Concen: 46.109 ng
RT: 9.428 min Scan# 1080
Delta R.T. 0.000 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

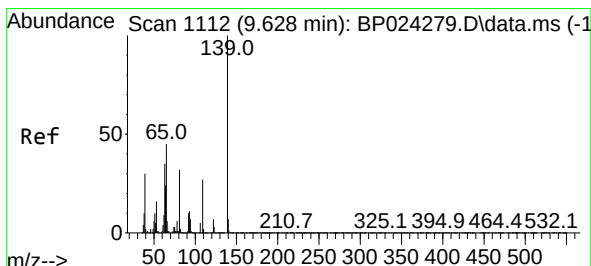
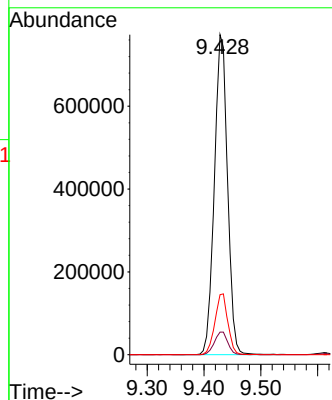
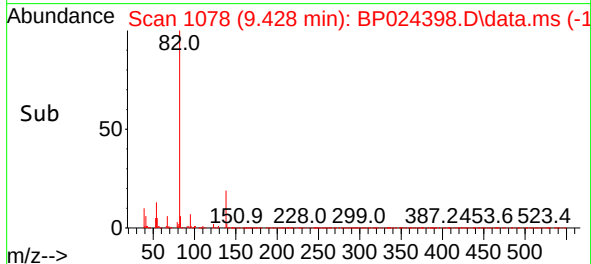
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD



Tgt Ion: 82 Resp: 123939
Ion Ratio Lower Upper
82 100
95 7.1 5.4 8.2
138 18.7 14.4 21.6

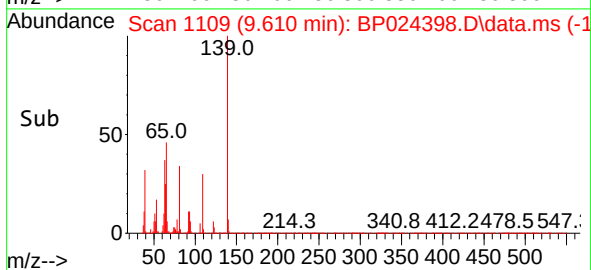
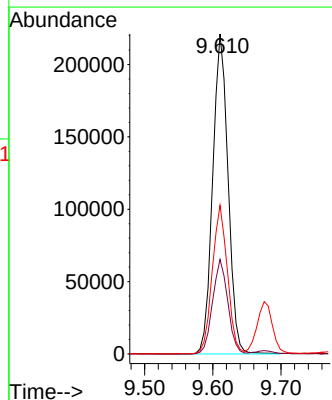
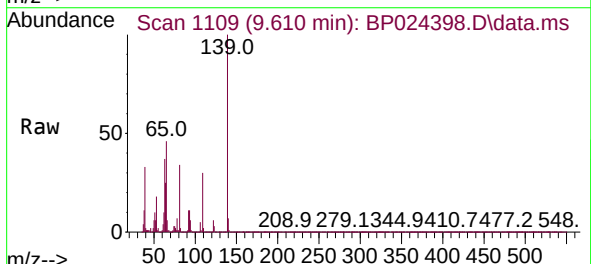
Manual Integrations
APPROVED

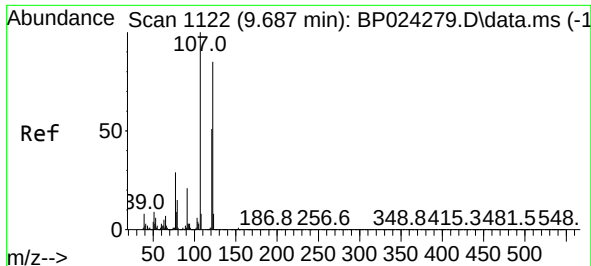
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#26
2-Nitrophenol
Concen: 48.288 ng
RT: 9.610 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

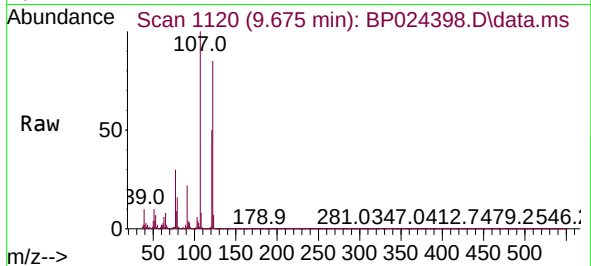
Tgt Ion:139 Resp: 347152
Ion Ratio Lower Upper
139 100
109 29.6 21.8 32.6
65 46.5 36.2 54.2





#27
2,4-Dimethylphenol
Concen: 65.126 ng
RT: 9.675 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

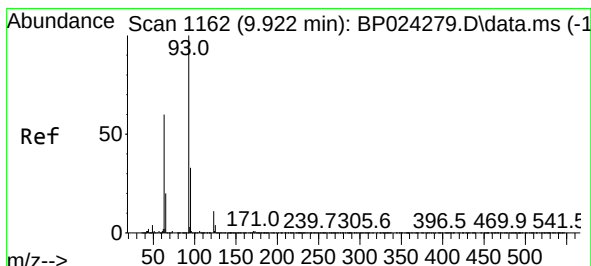
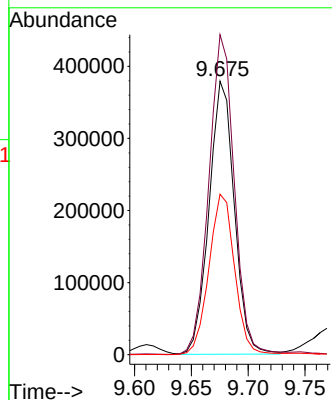
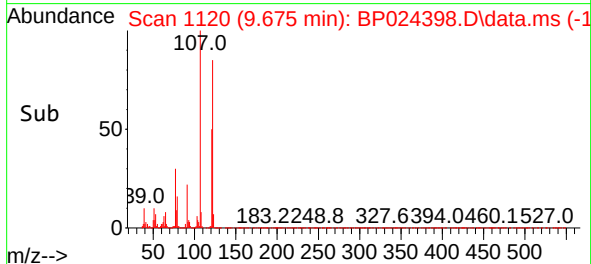
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD



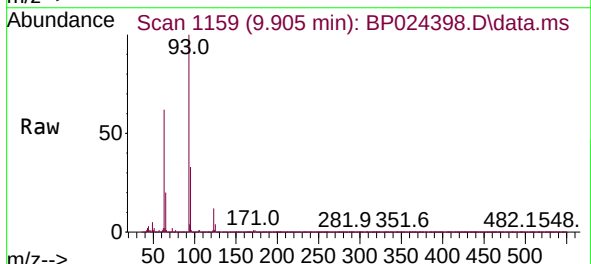
Tgt Ion: 122 Resp: 58789
Ion Ratio Lower Upper
122 100
107 117.0 93.7 140.5
121 58.7 48.2 72.2

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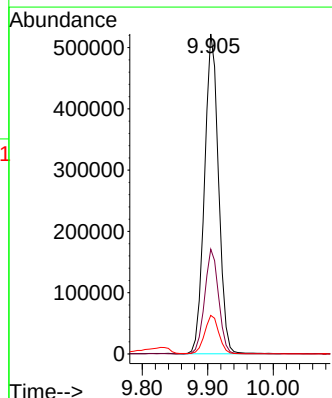
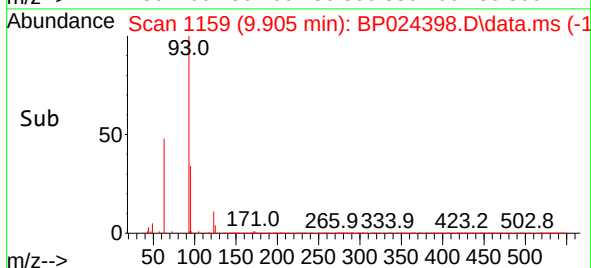
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

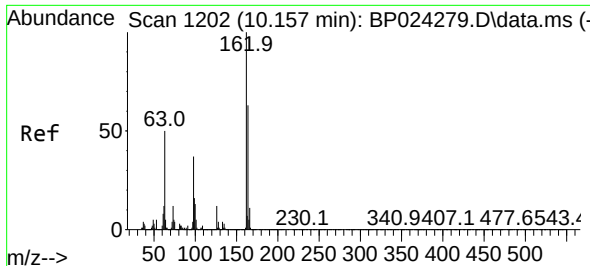


#28
bis(2-Chloroethoxy)methane
Concen: 42.938 ng
RT: 9.905 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14



Tgt Ion: 93 Resp: 779681
Ion Ratio Lower Upper
93 100
95 32.8 26.0 39.0
123 12.1 9.1 13.7





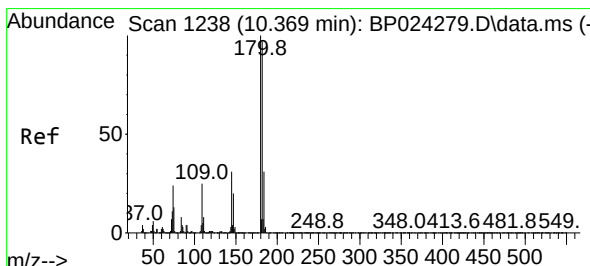
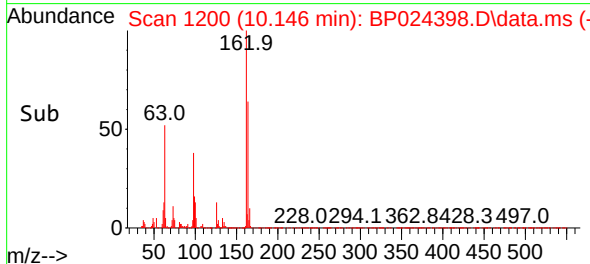
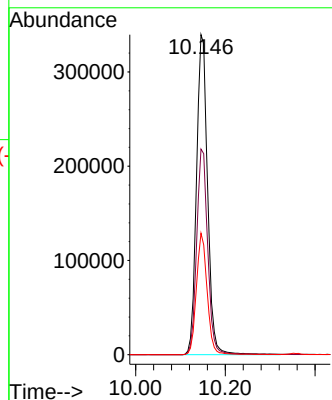
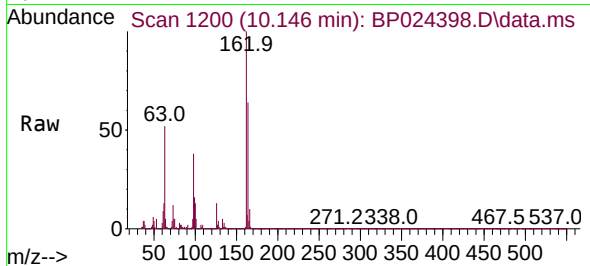
#29
2,4-Dichlorophenol
Concen: 47.377 ng
RT: 10.146 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD

Tgt Ion:162 Resp: 583128
Ion Ratio Lower Upper
162 100
164 64.2 43.3 83.3
98 37.9 16.6 56.6

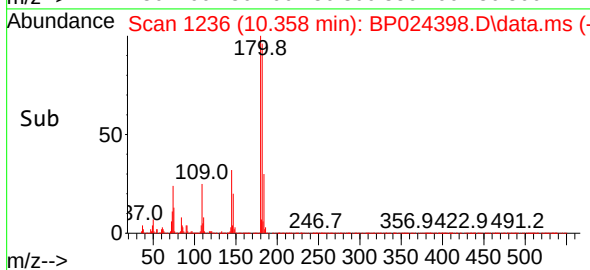
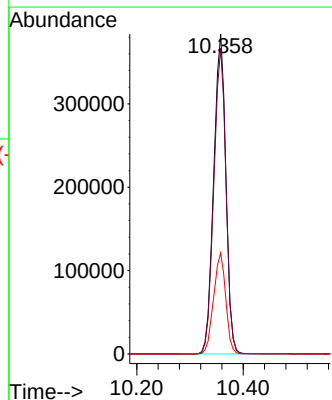
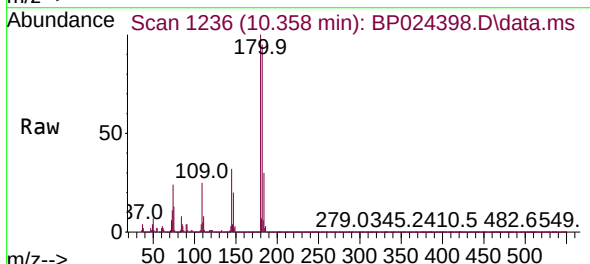
Manual Integrations
APPROVED

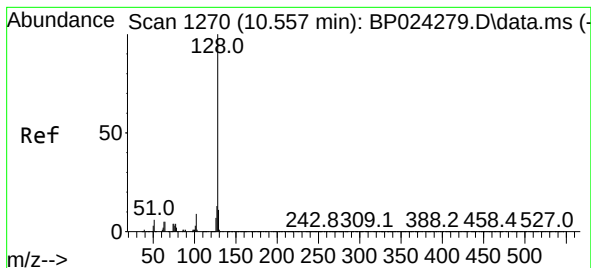
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#30
1,2,4-Trichlorobenzene
Concen: 46.124 ng
RT: 10.358 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

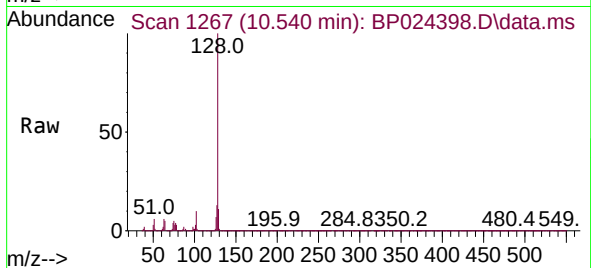
Tgt Ion:180 Resp: 608250
Ion Ratio Lower Upper
180 100
182 95.5 77.3 115.9
145 31.6 25.1 37.7





#31
Naphthalene
Concen: 42.597 ng
RT: 10.540 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

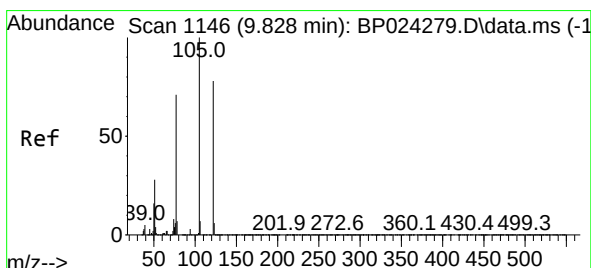
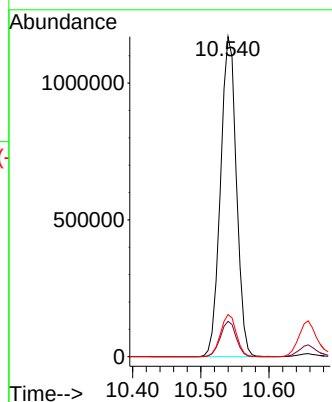
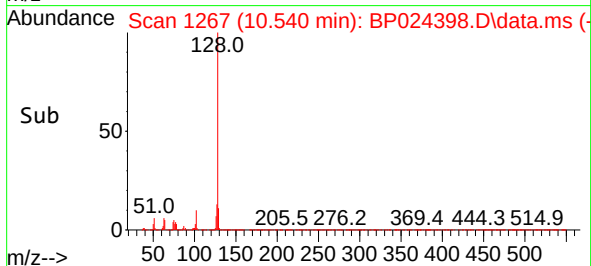
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD



Tgt Ion:128 Resp: 1900028
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.1 10.3 15.5

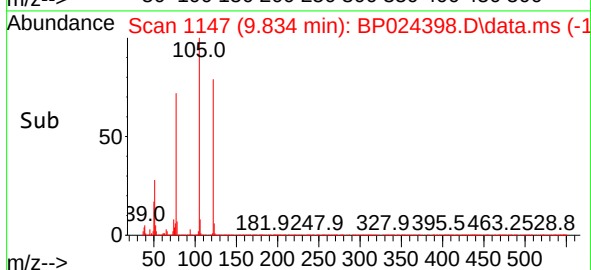
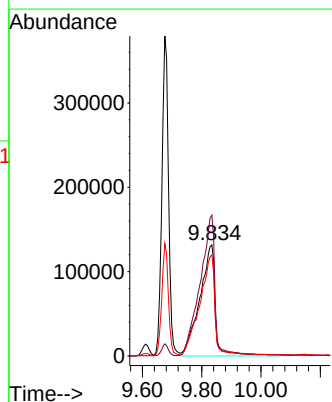
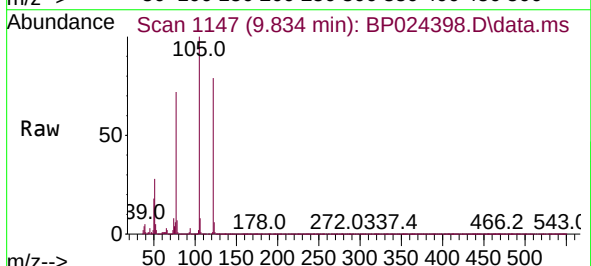
Manual Integrations
APPROVED

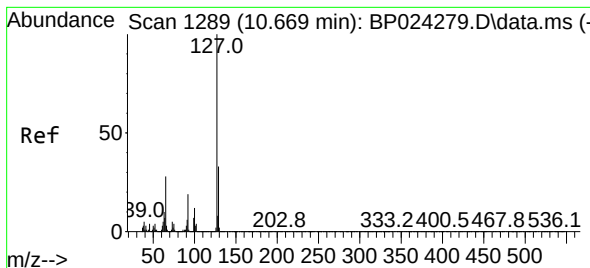
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#32
Benzoic acid
Concen: 46.012 ng m
RT: 9.834 min Scan# 1147
Delta R.T. 0.012 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

Tgt Ion:122 Resp: 483966
Ion Ratio Lower Upper
122 100
105 126.8 104.8 144.8
77 91.1 69.2 109.2





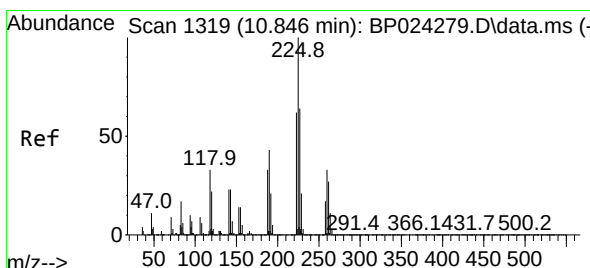
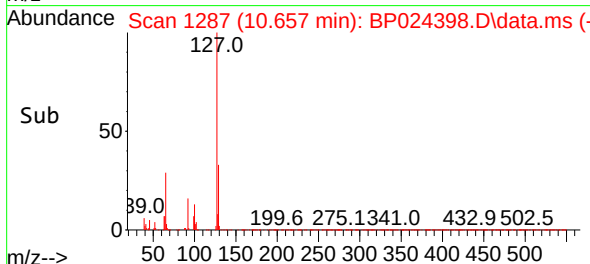
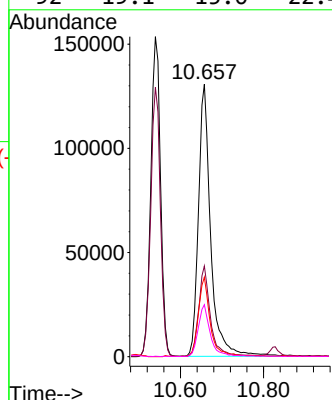
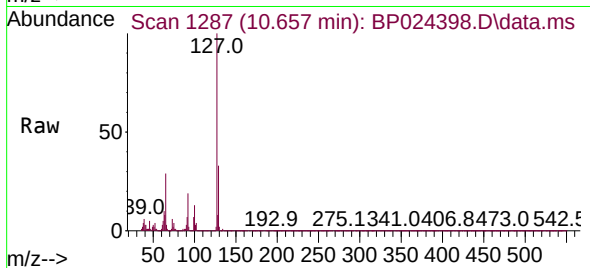
#33
4-Chloroaniline
Concen: 17.005 ng
RT: 10.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD

Tgt Ion:127	Resp: 26711
Ion Ratio	Lower Upper
127 100	
129 33.3	26.1 39.1
65 29.2	22.1 33.1
92 19.1	15.0 22.4

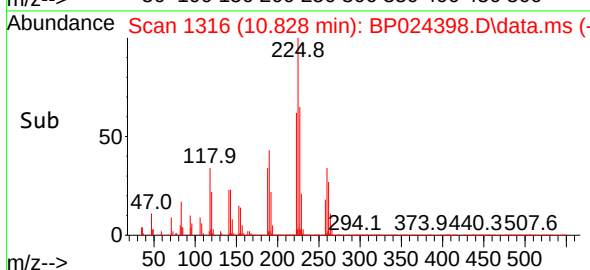
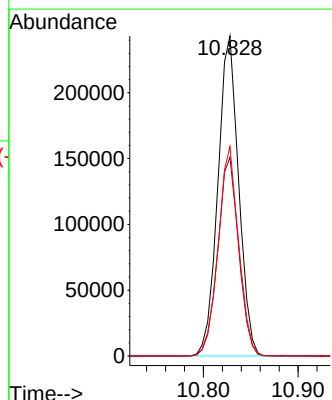
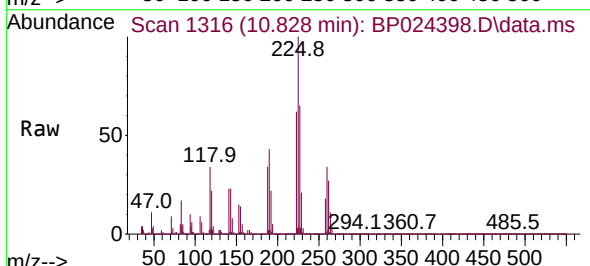
Manual Integrations
APPROVED

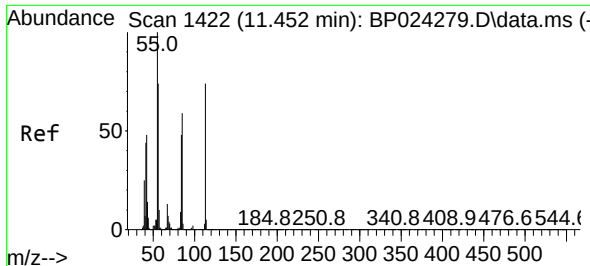
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#34
Hexachlorobutadiene
Concen: 47.839 ng
RT: 10.828 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

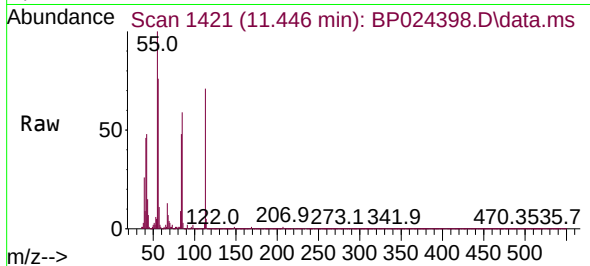
Tgt Ion:225	Resp: 370717
Ion Ratio	Lower Upper
225 100	
223 62.1	49.5 74.3
227 65.4	50.9 76.3





#35
Caprolactam
Concen: 45.738 ng
RT: 11.446 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

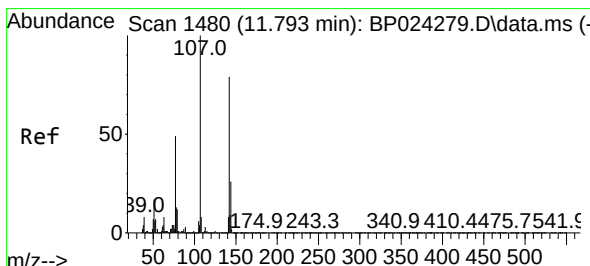
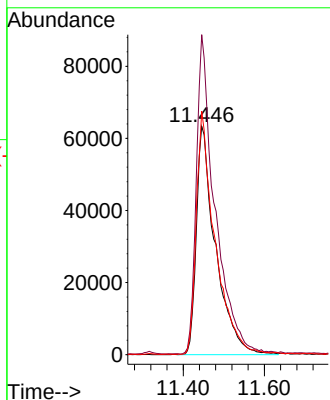
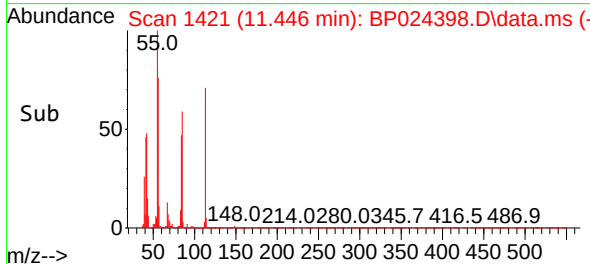
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD



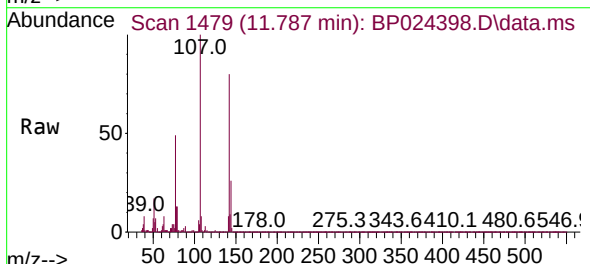
Tgt Ion:113 Resp: 207720
Ion Ratio Lower Upper
113 100
55 140.2 115.9 155.9
56 106.6 81.1 121.1

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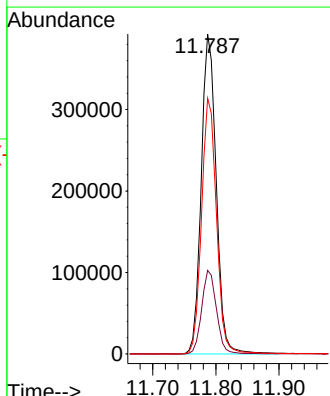
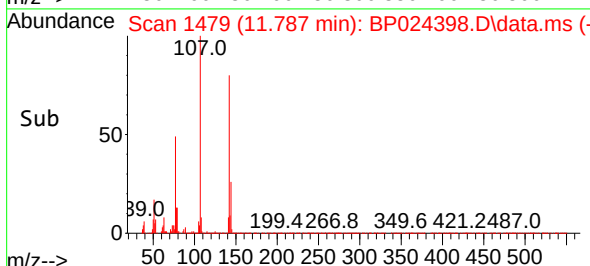
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

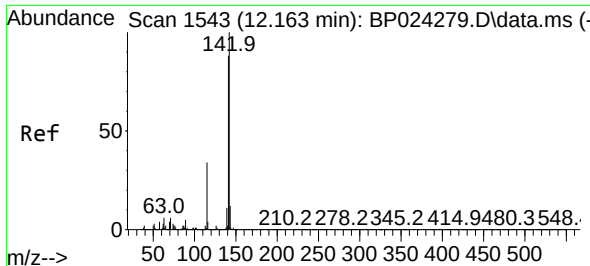


#36
4-Chloro-3-methylphenol
Concen: 45.202 ng
RT: 11.787 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14



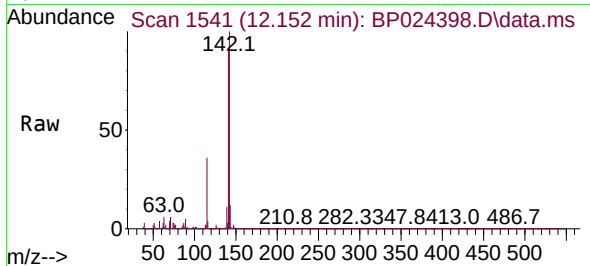
Tgt Ion:107 Resp: 648031
Ion Ratio Lower Upper
107 100
144 26.1 20.5 30.7
142 79.9 63.4 95.2





#37
2-Methylnaphthalene
Concen: 38.825 ng
RT: 12.152 min Scan# 1541
Delta R.T. -0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

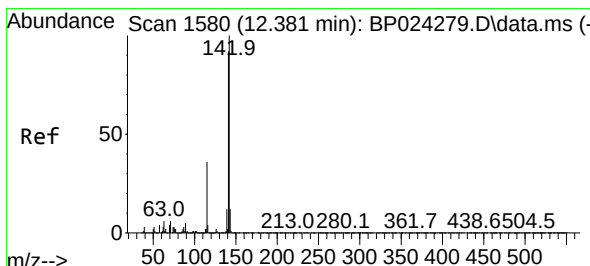
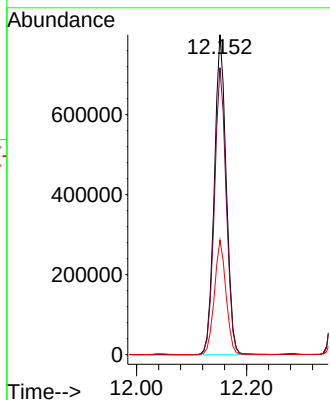
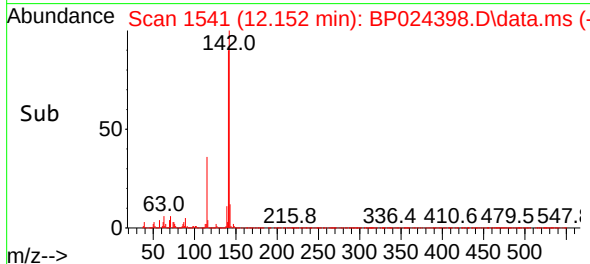
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD



Tgt Ion:142 Resp: 1201035
Ion Ratio Lower Upper
142 100
141 89.7 70.3 105.5
115 35.8 26.9 40.3

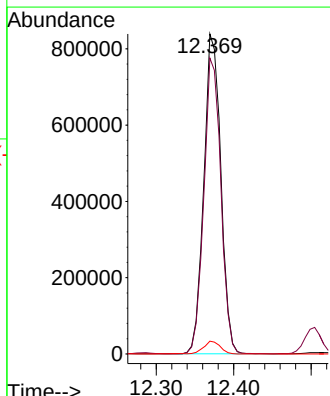
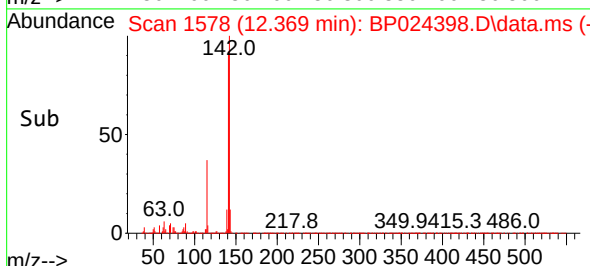
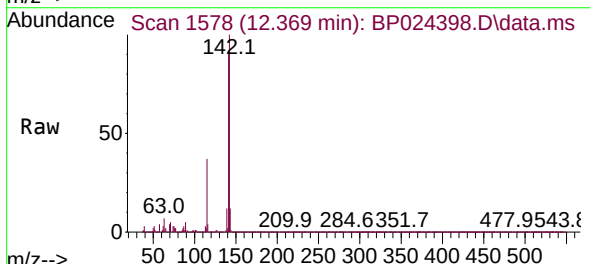
Manual Integrations
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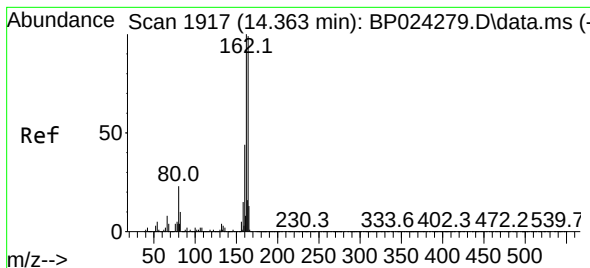
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#38
1-Methylnaphthalene
Concen: 42.159 ng
RT: 12.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

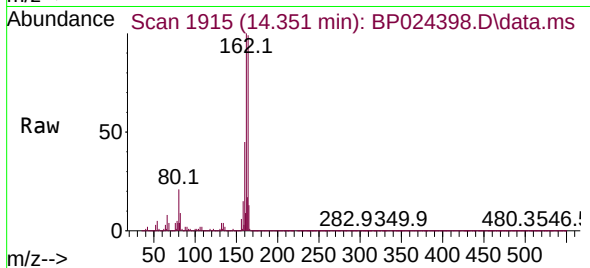
Tgt Ion:142 Resp: 1275820
Ion Ratio Lower Upper
142 100
141 92.4 73.6 110.4
116 4.0 3.0 4.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.351 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

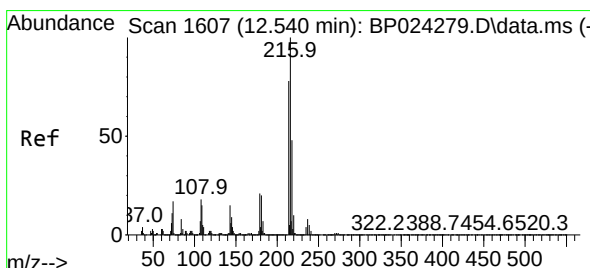
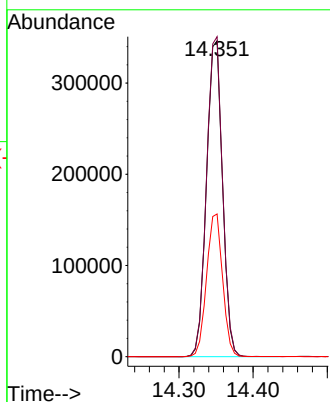
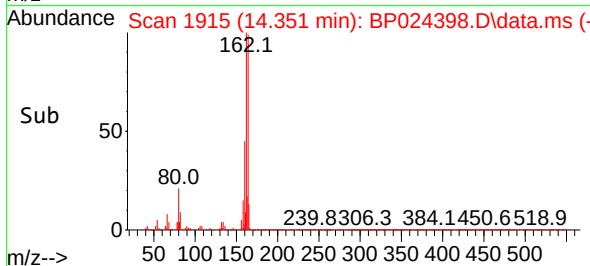
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD



Tgt Ion:164 Resp: 518459
Ion Ratio Lower Upper
164 100
162 101.3 80.6 120.8
160 45.2 35.3 52.9

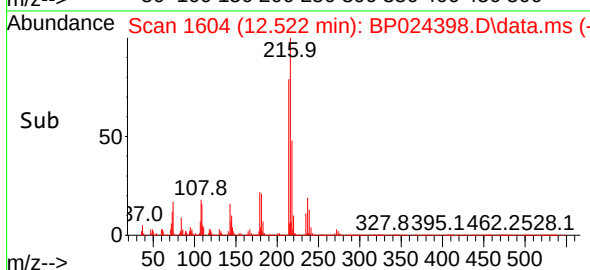
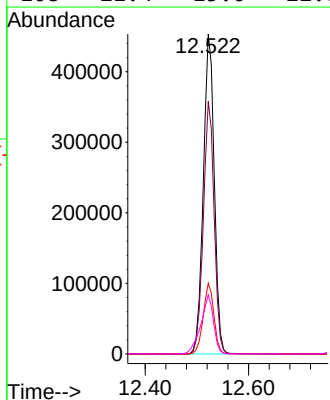
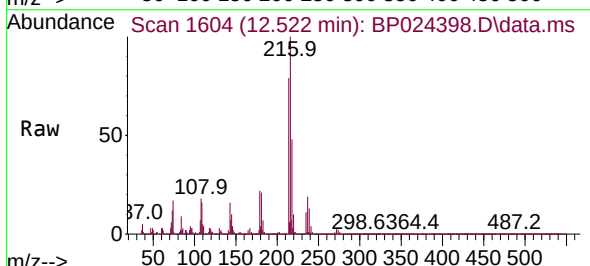
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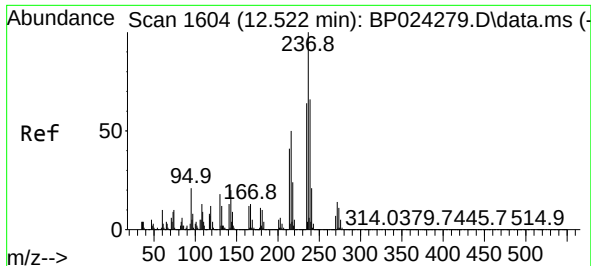
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.667 ng
RT: 12.522 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

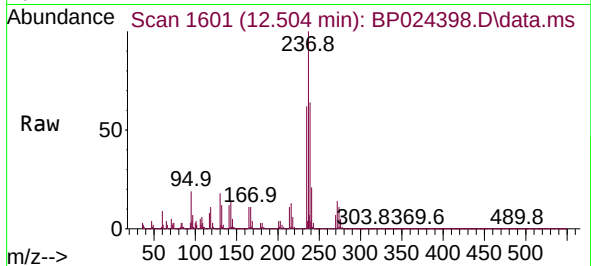
Tgt Ion:216 Resp: 665359
Ion Ratio Lower Upper
216 100
214 78.1 62.6 93.8
179 21.6 17.2 25.8
108 21.4 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 168.071 ng
RT: 12.504 min Scan# 1601
Delta R.T. -0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

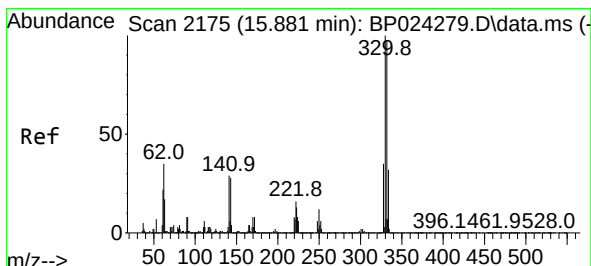
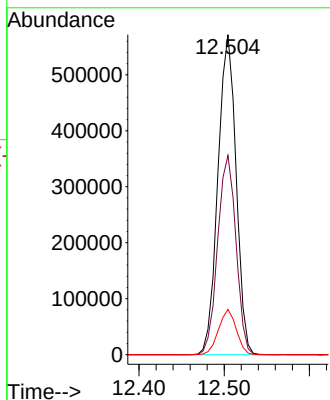
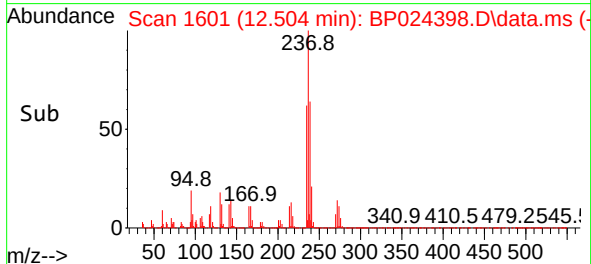
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD



Tgt Ion: 237 Resp: 847509
Ion Ratio Lower Upper
237 100
235 62.3 43.9 83.9
272 14.2 0.0 33.6

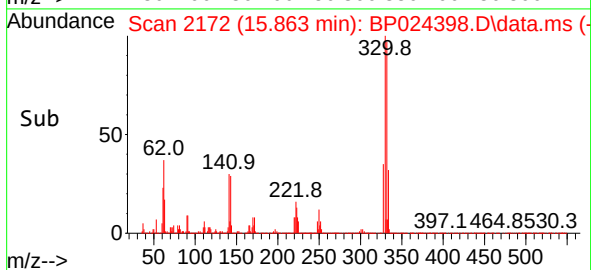
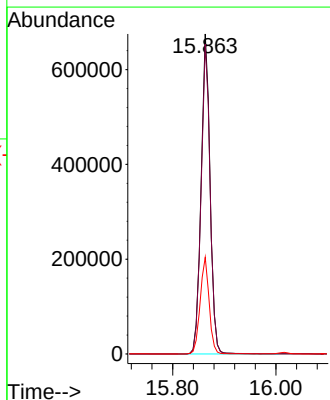
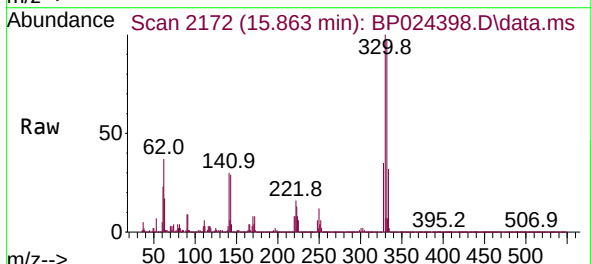
Manual Integrations
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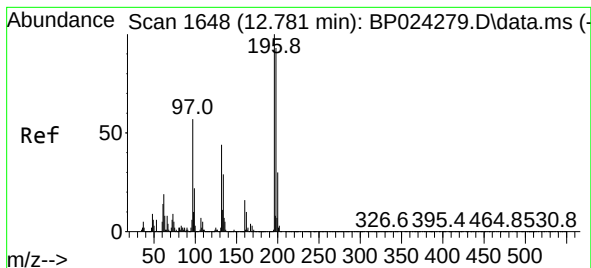
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#42
2,4,6-Tribromophenol
Concen: 113.415 ng
RT: 15.863 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

Tgt Ion: 330 Resp: 813544
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 30.2 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 49.147 ng

RT: 12.769 min Scan# 1646

Delta R.T. -0.006 min

Lab File: BP024398.D

Acq: 23 Apr 2025 16:14

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-10MSD

Tgt Ion:196 Resp: 465870

Ion Ratio Lower Upper

196 100

198 95.6 74.3 111.5

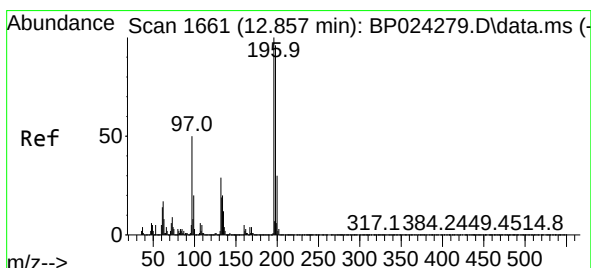
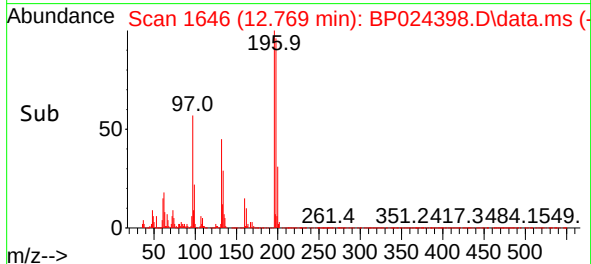
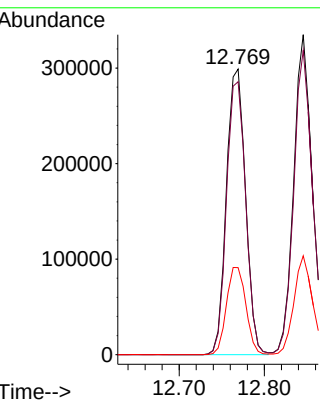
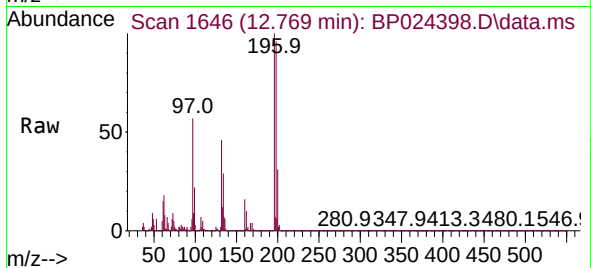
200 30.5 24.0 36.0

Manual Integrations

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Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025



#44

2,4,5-Trichlorophenol

Concen: 49.054 ng

RT: 12.846 min Scan# 1659

Delta R.T. -0.012 min

Lab File: BP024398.D

Acq: 23 Apr 2025 16:14

Tgt Ion:196 Resp: 514929

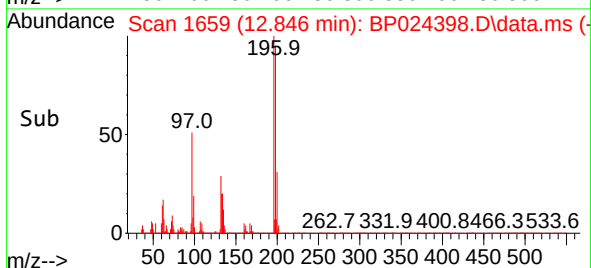
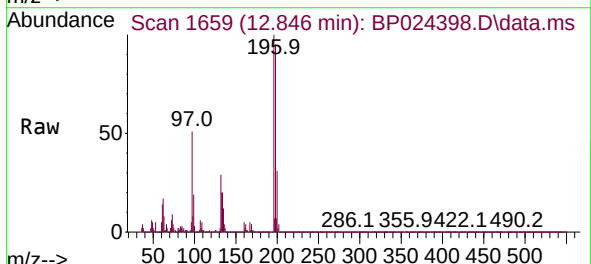
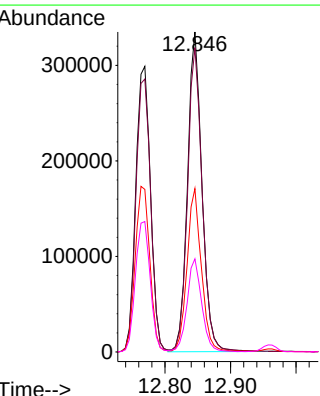
Ion Ratio Lower Upper

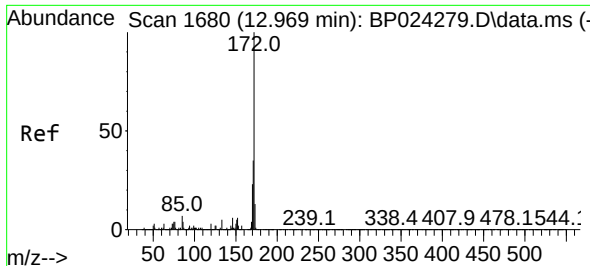
196 100

198 95.1 77.3 115.9

97 51.1 40.4 60.6

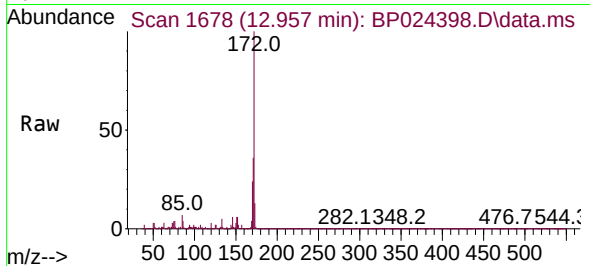
132 29.1 23.4 35.0





#45
2-Fluorobiphenyl
Concen: 65.508 ng
RT: 12.957 min Scan# 1680
Delta R.T. -0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

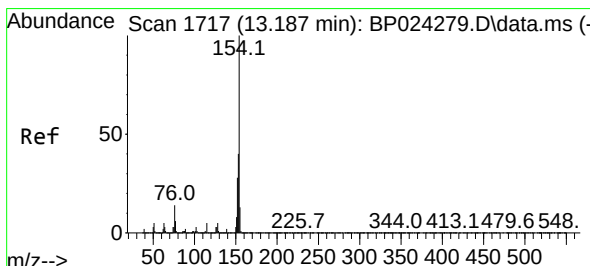
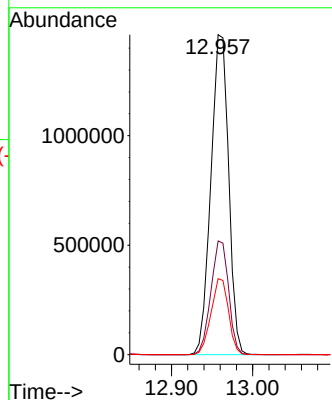
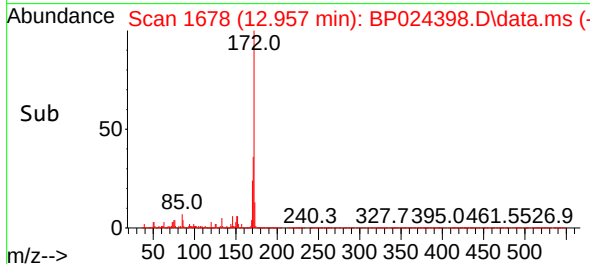
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD



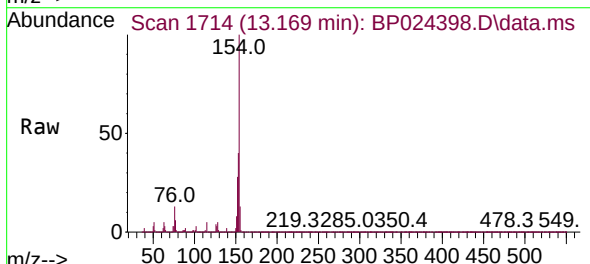
Tgt Ion:172 Resp: 221820
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 23.7 18.6 27.8

Manual Integrations
APPROVED

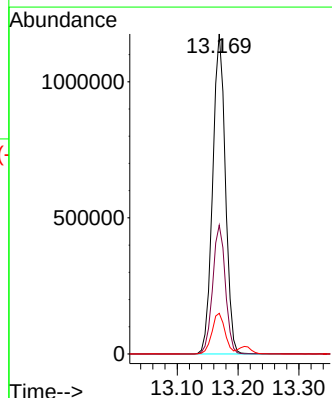
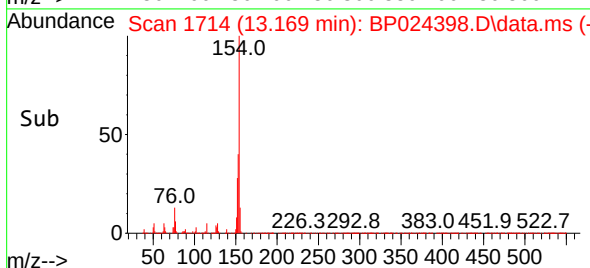
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

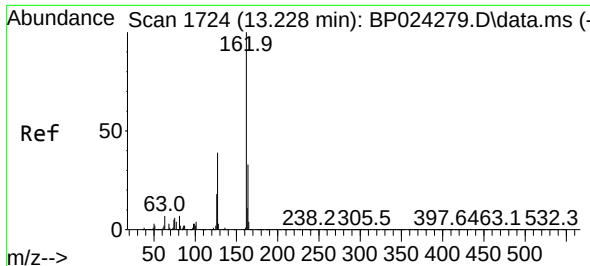


#46
1,1'-Biphenyl
Concen: 44.609 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14



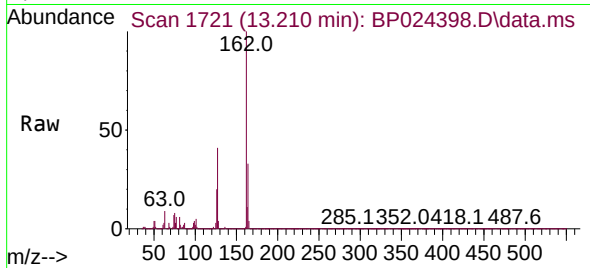
Tgt Ion:154 Resp: 1700044
Ion Ratio Lower Upper
154 100
153 40.3 20.3 60.3
76 12.7 0.0 33.5





#47
2-Chloronaphthalene
Concen: 45.847 ng
RT: 13.210 min Scan# 1721
Delta R.T. -0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

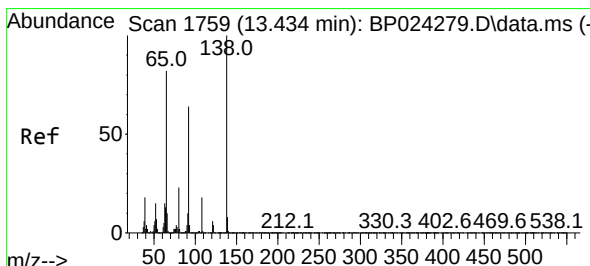
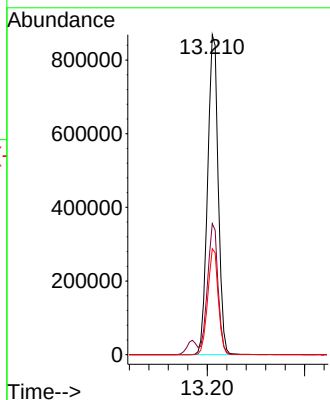
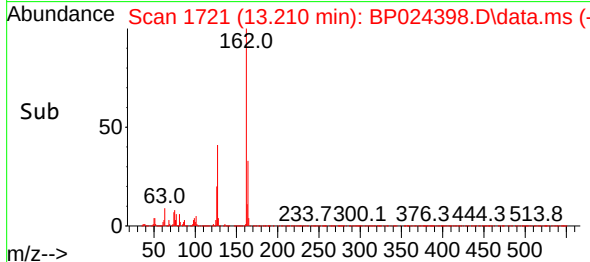
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD



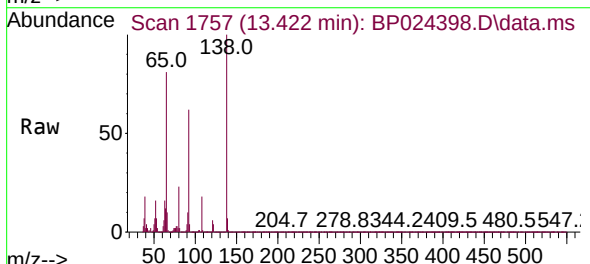
Tgt Ion:162 Resp: 130583
Ion Ratio Lower Upper
162 100
127 41.0 31.9 47.9
164 33.1 26.2 39.4

Manual Integrations
APPROVED

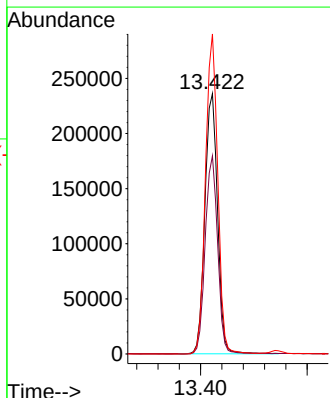
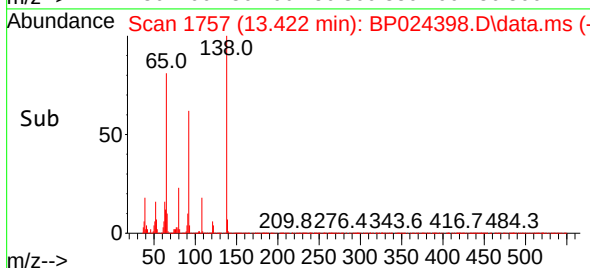
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

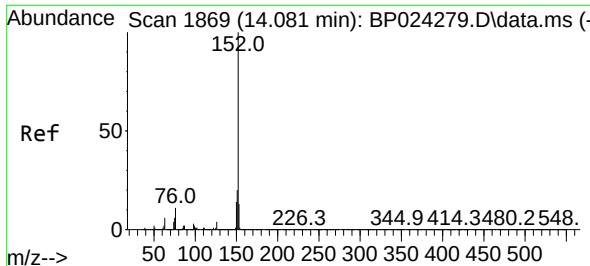


#48
2-Nitroaniline
Concen: 48.883 ng
RT: 13.422 min Scan# 1757
Delta R.T. 0.000 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14



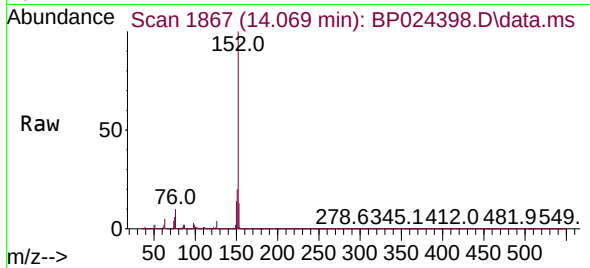
Tgt Ion: 65 Resp: 390548
Ion Ratio Lower Upper
65 100
92 76.1 62.3 93.5
138 122.9 97.2 145.8





#49
Acenaphthylene
Concen: 48.707 ng
RT: 14.069 min Scan# 1867
Delta R.T. 0.000 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

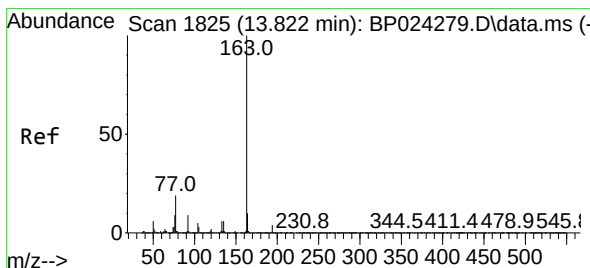
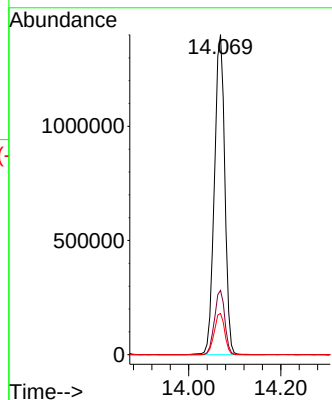
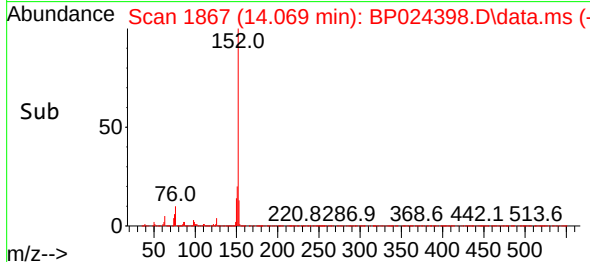
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD



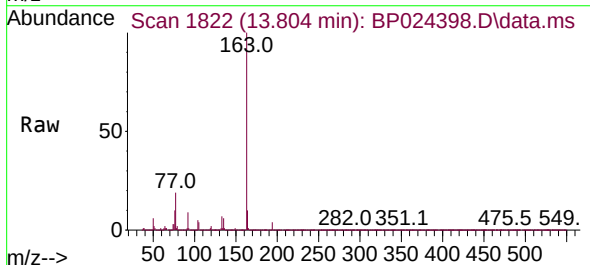
Tgt Ion:152 Resp: 2184189
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 12.9 10.6 15.8

Manual Integrations
APPROVED

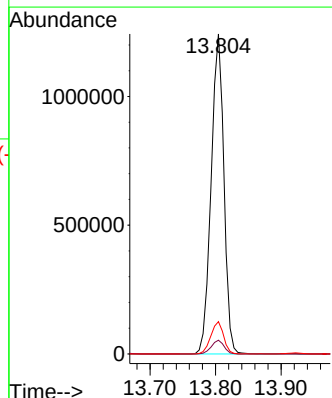
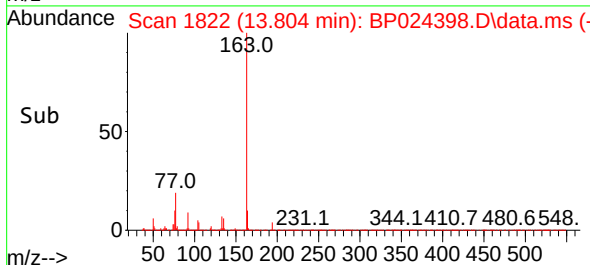
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

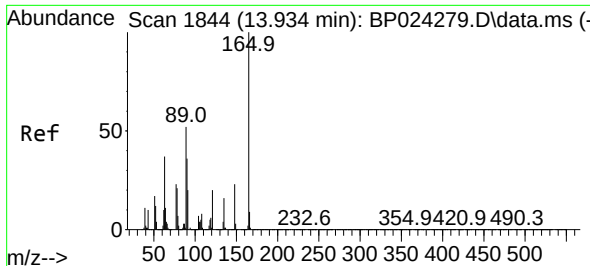


#50
Dimethylphthalate
Concen: 44.579 ng
RT: 13.804 min Scan# 1822
Delta R.T. -0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14



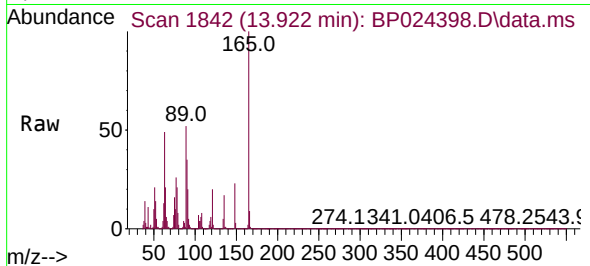
Tgt Ion:163 Resp: 1680775
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.1 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 46.788 ng
RT: 13.922 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

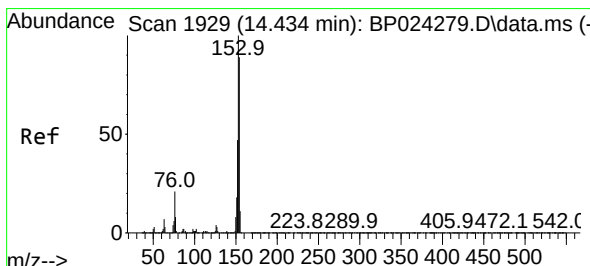
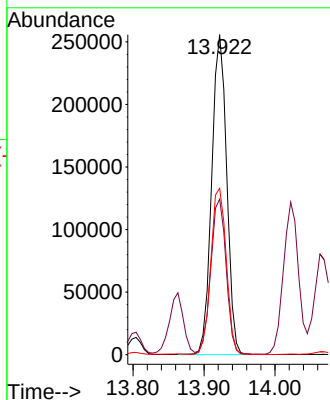
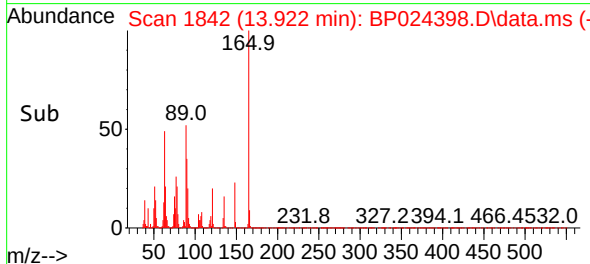
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD



Tgt Ion:165 Resp: 374598
Ion Ratio Lower Upper
165 100
63 48.6 38.0 57.0
89 52.0 41.7 62.5

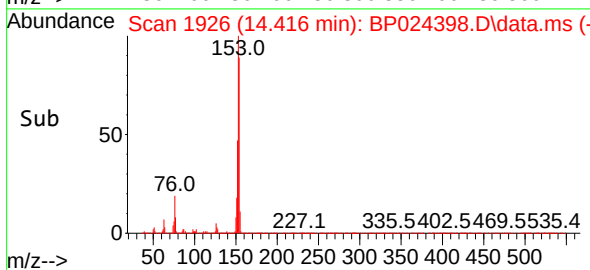
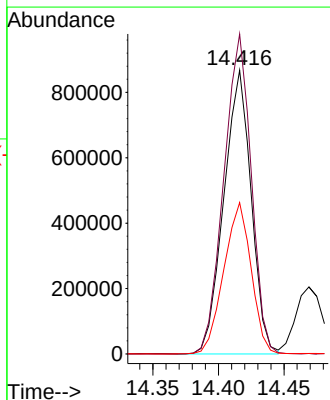
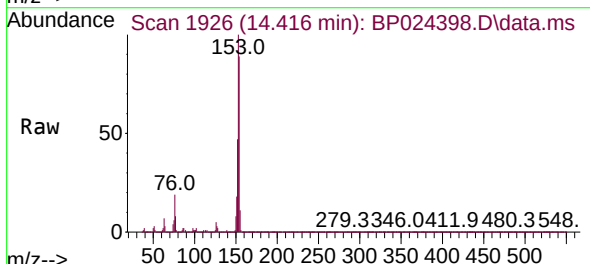
Manual Integrations
APPROVED

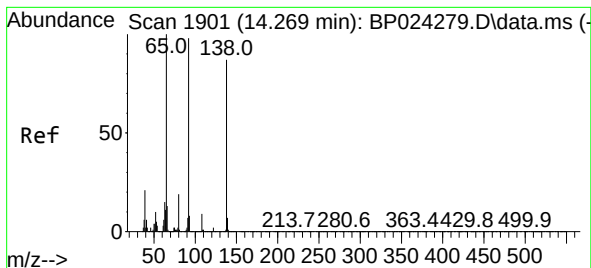
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#52
Acenaphthene
Concen: 44.228 ng
RT: 14.416 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

Tgt Ion:154 Resp: 1257370
Ion Ratio Lower Upper
154 100
153 112.8 89.8 134.6
152 53.4 42.6 63.8





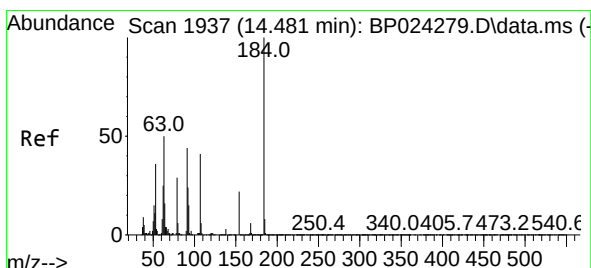
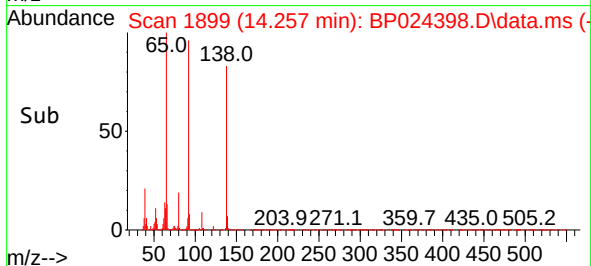
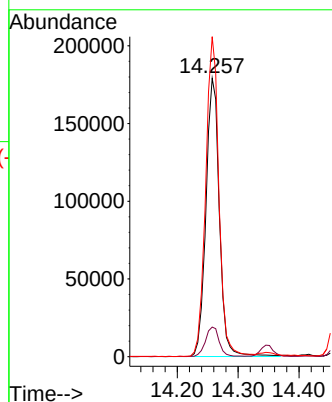
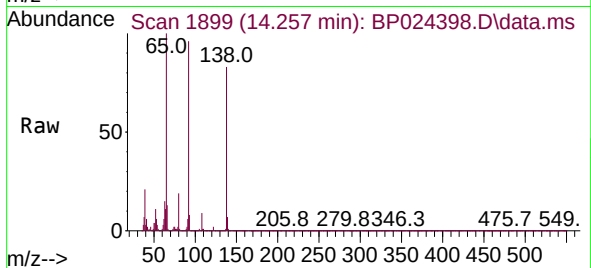
#53
3-Nitroaniline
Concen: 32.637 ng
RT: 14.257 min Scan# 1899
Delta R.T. -0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD

Tgt Ion:138 Resp: 274620
Ion Ratio Lower Upper
138 100
108 10.6 8.3 12.5
92 114.9 89.8 134.8

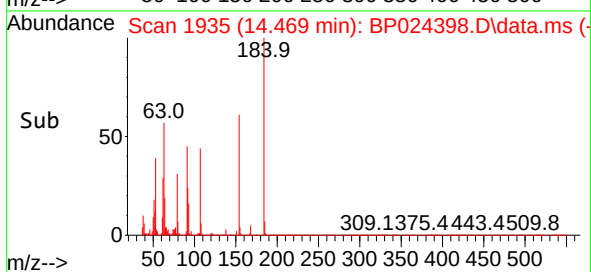
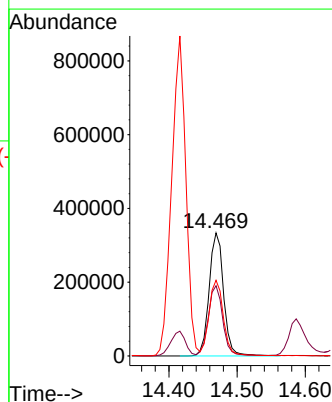
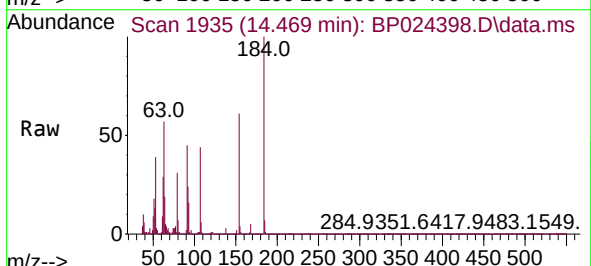
Manual Integrations
APPROVED

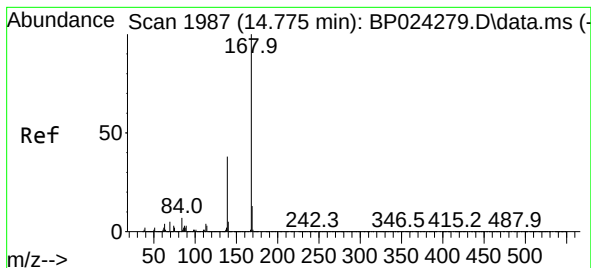
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#54
2,4-Dinitrophenol
Concen: 104.541 ng
RT: 14.469 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

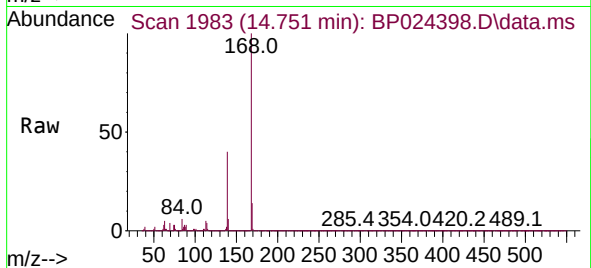
Tgt Ion:184 Resp: 493019
Ion Ratio Lower Upper
184 100
63 57.1 42.6 64.0
154 61.5 47.2 70.8





#55
Dibenzofuran
Concen: 42.870 ng
RT: 14.751 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

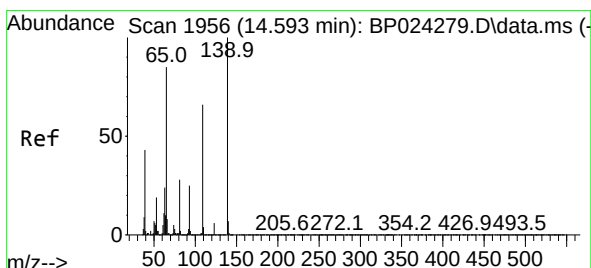
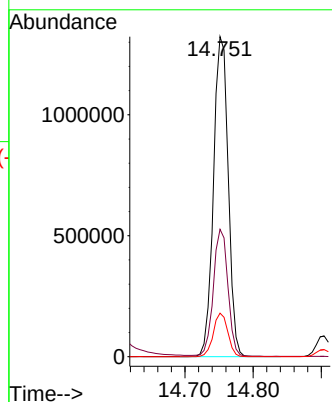
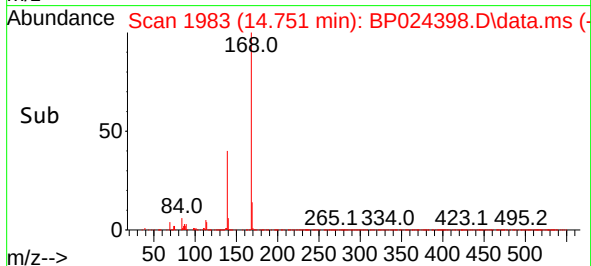
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD



Tgt Ion:168 Resp: 199217
Ion Ratio Lower Upper
168 100
139 39.8 30.3 45.5
169 13.6 10.6 16.0

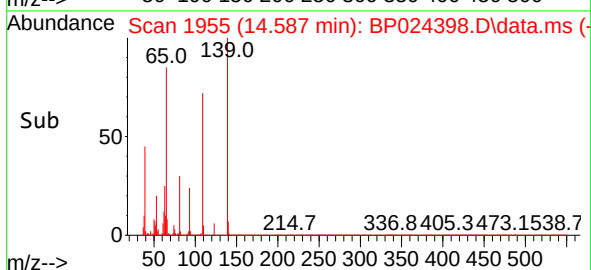
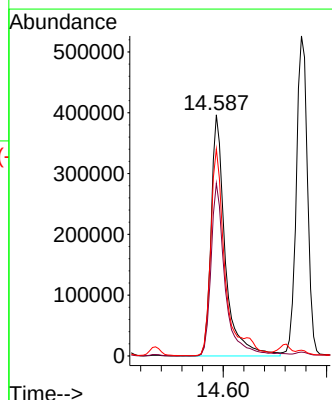
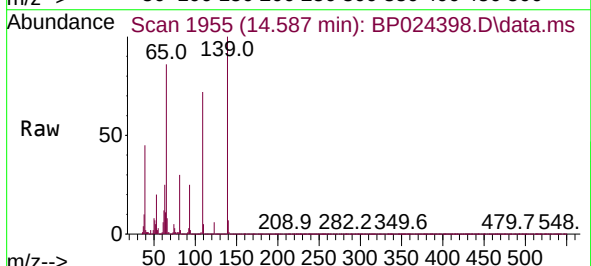
Manual Integrations
APPROVED

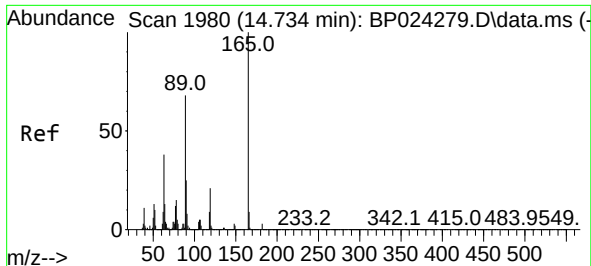
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#56
4-Nitrophenol
Concen: 103.581 ng
RT: 14.587 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

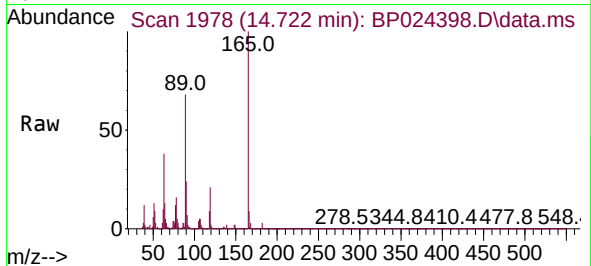
Tgt Ion:139 Resp: 752762
Ion Ratio Lower Upper
139 100
109 71.6 46.1 86.1
65 85.9 65.0 105.0





#57
2,4-Dinitrotoluene
Concen: 49.968 ng
RT: 14.722 min Scan# 1980
Delta R.T. 0.000 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

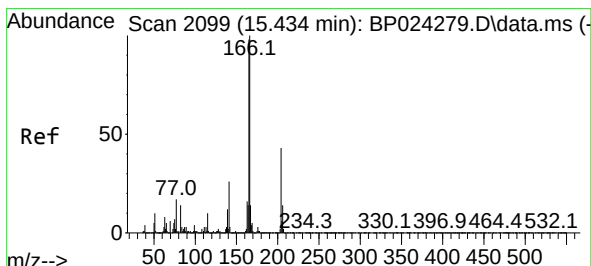
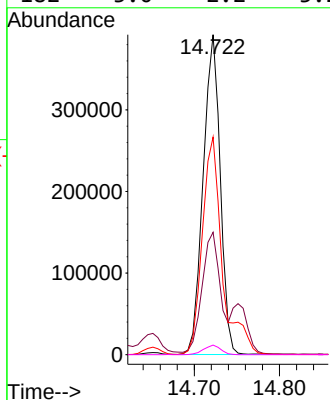
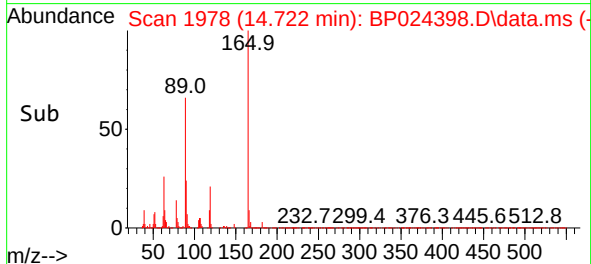
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD



Tgt Ion:165 Resp: 545724
Ion Ratio Lower Upper
165 100
63 38.3 30.4 45.6
89 68.0 54.6 82.0
182 3.0 2.2 3.2

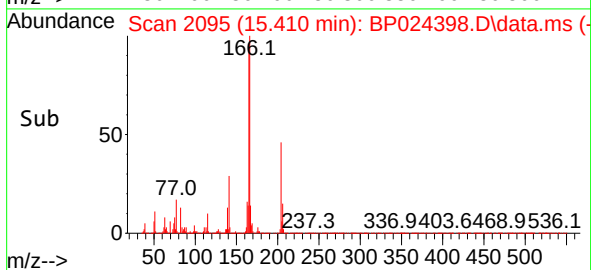
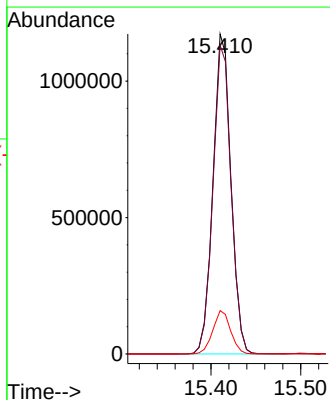
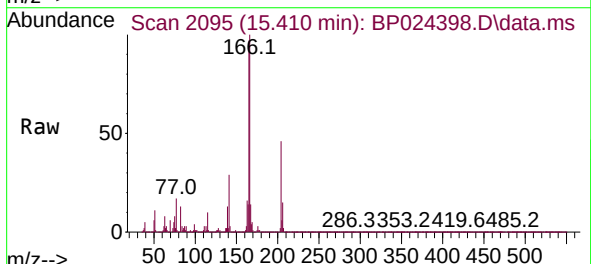
Manual Integrations
APPROVED

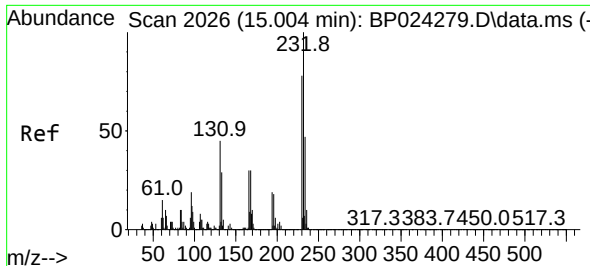
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#58
Fluorene
Concen: 45.284 ng
RT: 15.410 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

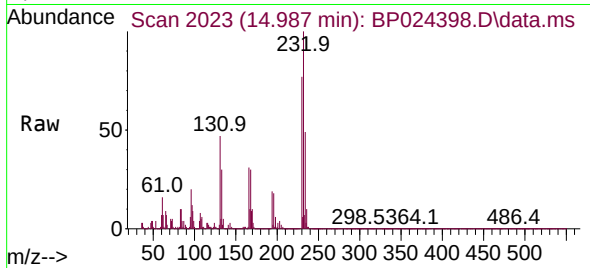
Tgt Ion:166 Resp: 1629022
Ion Ratio Lower Upper
166 100
165 96.5 78.1 117.1
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.538 ng
RT: 14.987 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

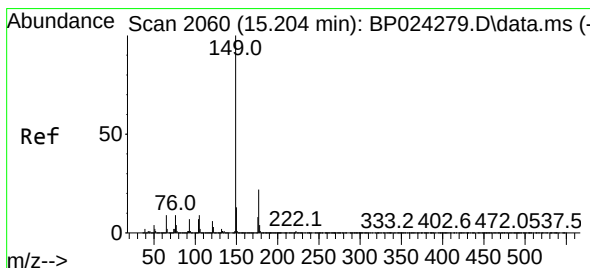
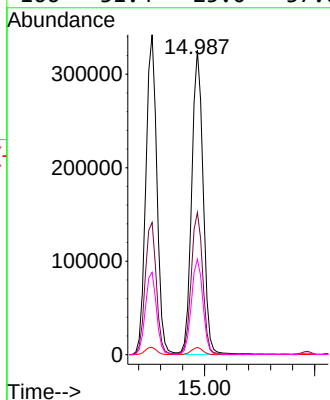
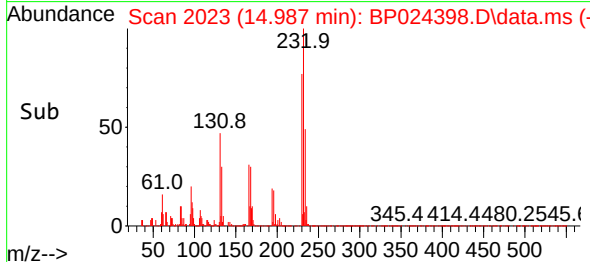
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD



Tgt Ion:232 Resp: 469918
Ion Ratio Lower Upper
232 100
131 47.2 36.8 55.2
130 2.4 1.9 2.9
166 31.4 25.0 37.6

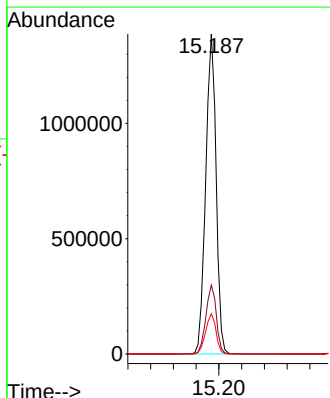
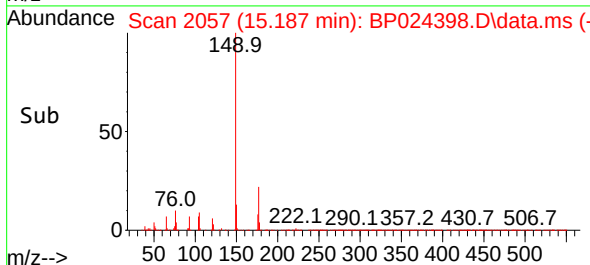
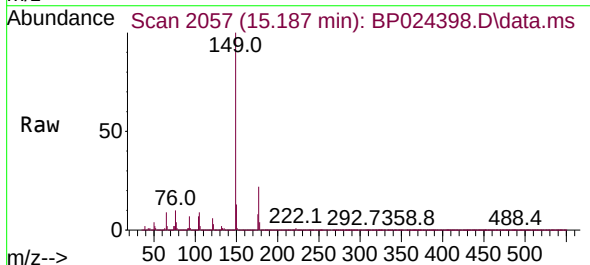
Manual Integrations
APPROVED

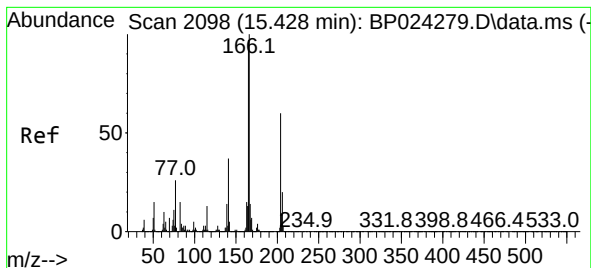
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#60
Diethylphthalate
Concen: 45.118 ng
RT: 15.187 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

Tgt Ion:149 Resp: 1753015
Ion Ratio Lower Upper
149 100
177 21.6 17.4 26.2
150 12.6 10.1 15.1





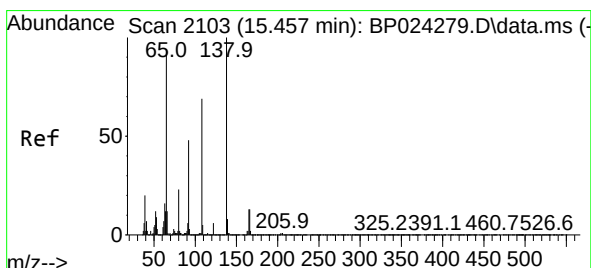
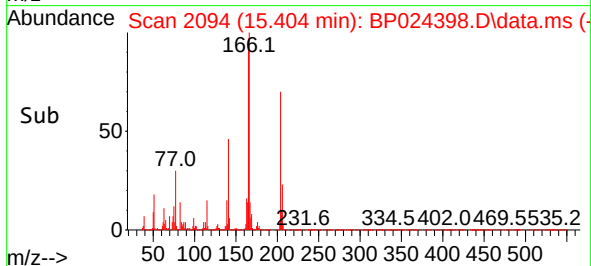
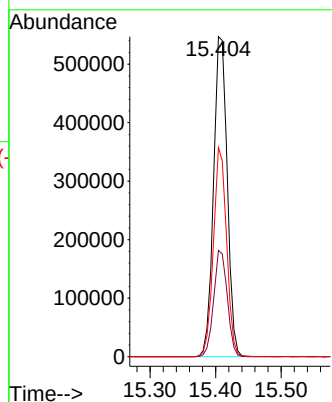
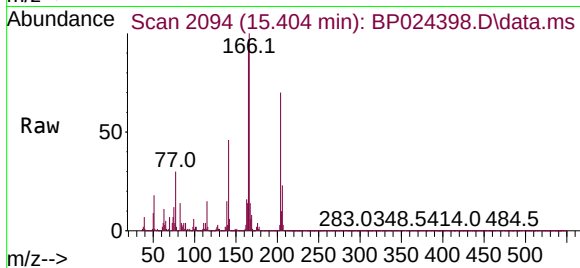
#61
4-Chlorophenyl-phenylether
Concen: 45.295 ng
RT: 15.404 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD

Tgt Ion:204 Resp: 791258
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 65.3 49.4 74.0

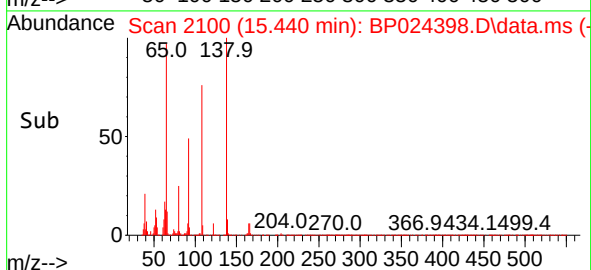
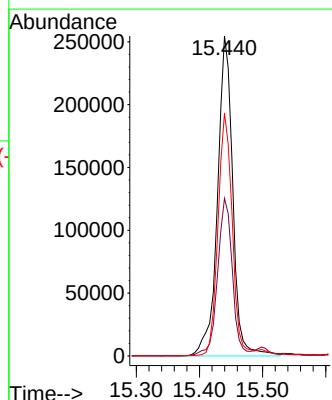
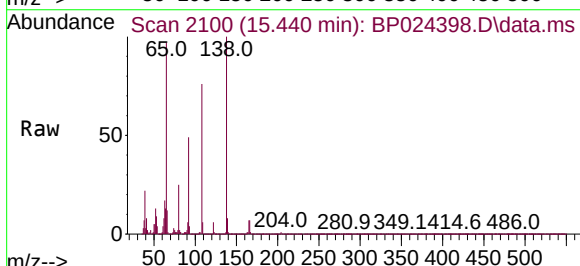
Manual Integrations
APPROVED

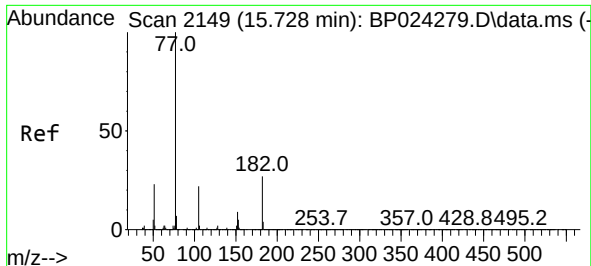
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#62
4-Nitroaniline
Concen: 48.228 ng
RT: 15.440 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

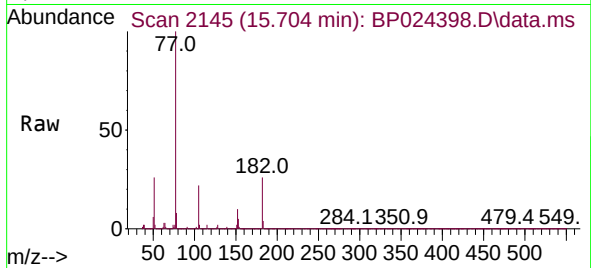
Tgt Ion:138 Resp: 429613
Ion Ratio Lower Upper
138 100
92 49.3 27.8 67.8
108 75.9 48.9 88.9





#63
Azobenzene
Concen: 47.406 ng
RT: 15.704 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

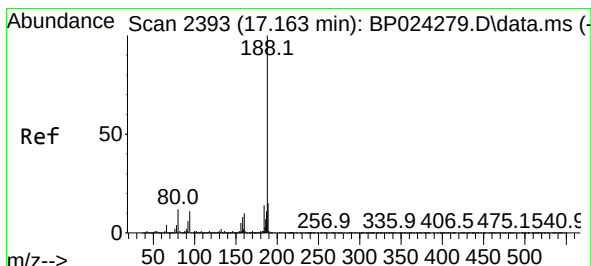
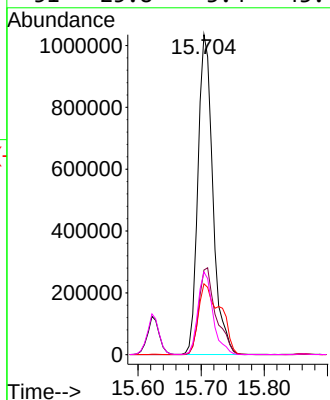
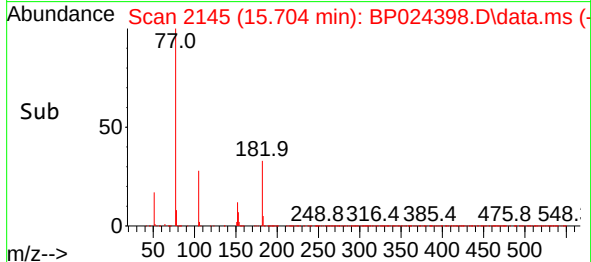
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD



Tgt Ion: 77 Resp: 169294
Ion Ratio Lower Upper
77 100
182 26.5 7.3 47.3
105 22.2 2.3 42.3
51 25.8 3.4 43.4

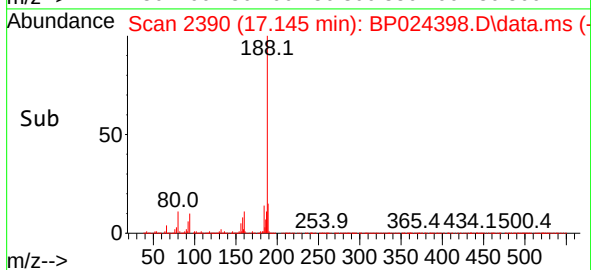
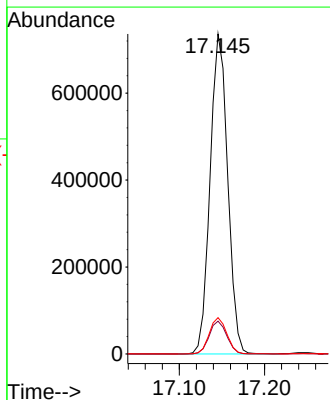
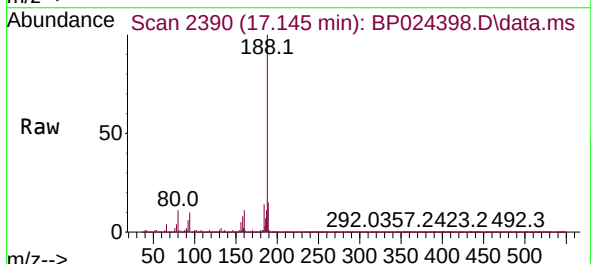
Manual Integrations
APPROVED

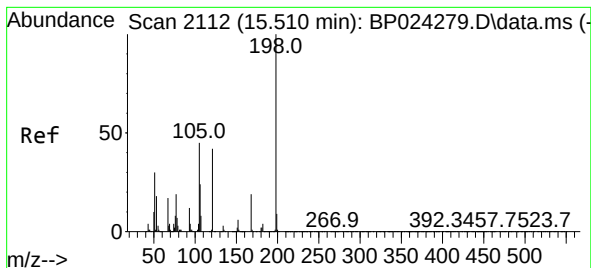
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2390
Delta R.T. 0.000 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

Tgt Ion:188 Resp: 1055394
Ion Ratio Lower Upper
188 100
94 10.3 8.6 13.0
80 11.4 9.8 14.6





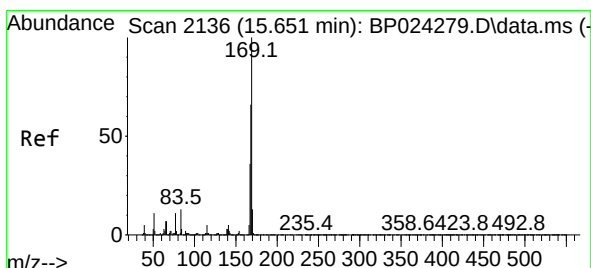
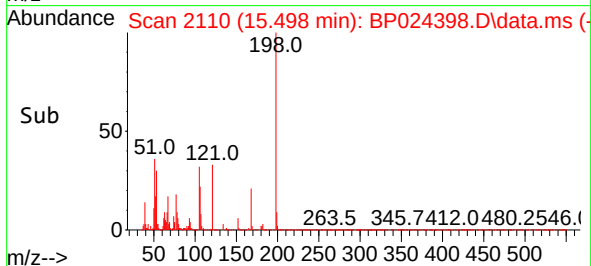
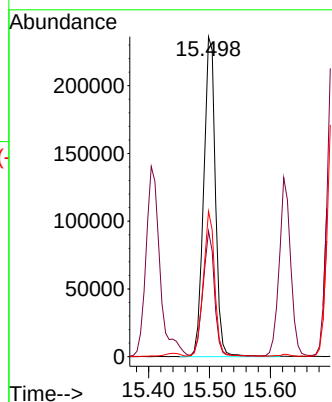
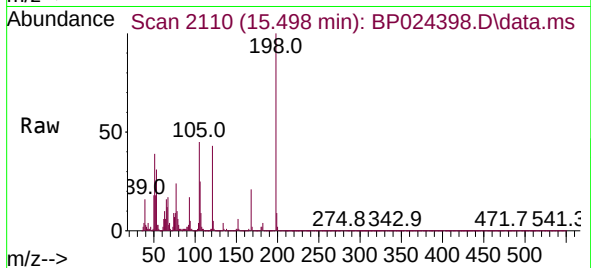
#65
4,6-Dinitro-2-methylphenol
Concen: 47.301 ng
RT: 15.498 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD

Tgt Ion:198 Resp: 314731
Ion Ratio Lower Upper
198 100
51 39.2 18.4 58.4
105 45.5 26.5 66.5

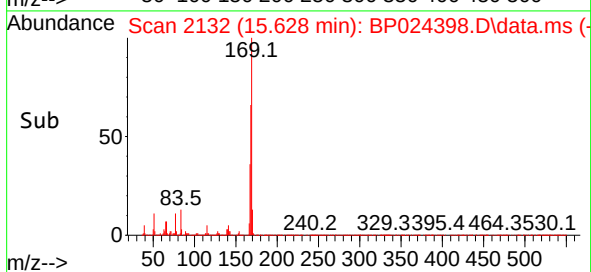
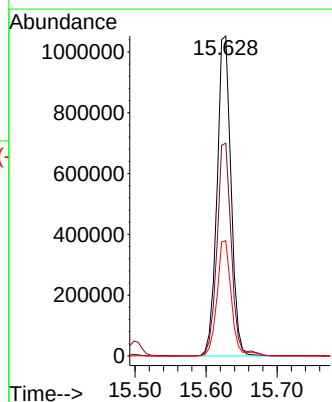
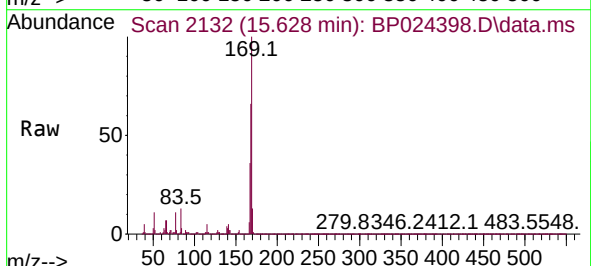
Manual Integrations
APPROVED

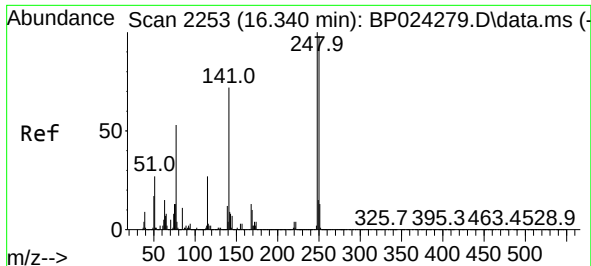
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#66
n-Nitrosodiphenylamine
Concen: 45.501 ng
RT: 15.628 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

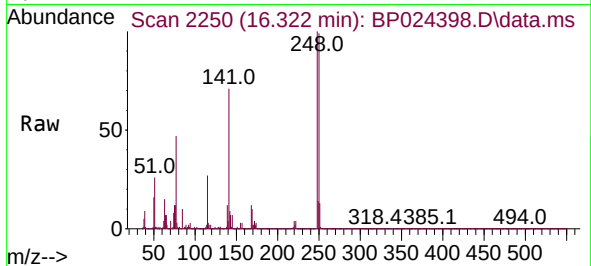
Tgt Ion:169 Resp: 1433336
Ion Ratio Lower Upper
169 100
168 66.5 53.0 79.4
167 36.0 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 45.937 ng
RT: 16.322 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

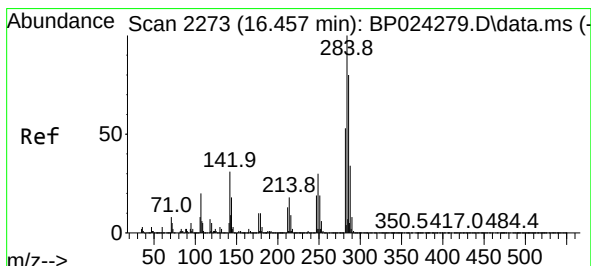
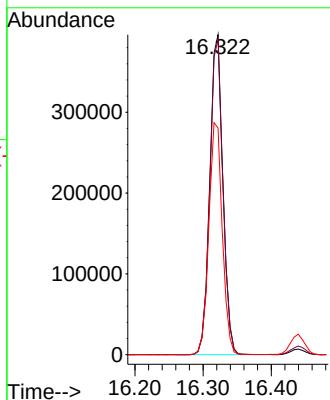
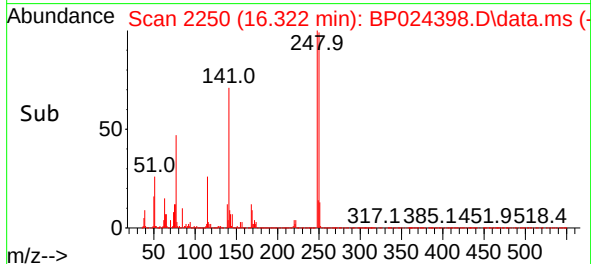
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD



Tgt Ion:248 Resp: 53023
Ion Ratio Lower Upper
248 100
250 98.6 78.2 117.4
141 70.9 57.7 86.5

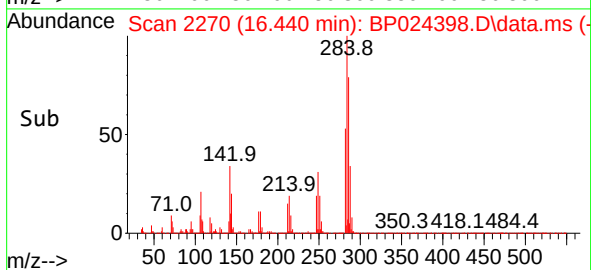
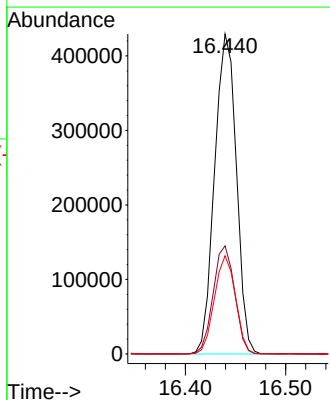
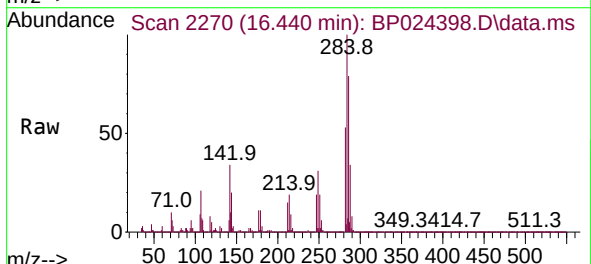
Manual Integrations
APPROVED

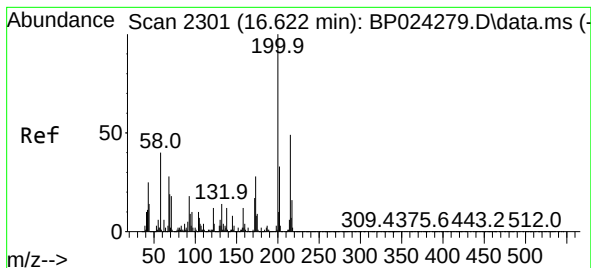
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#68
Hexachlorobenzene
Concen: 47.150 ng
RT: 16.440 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

Tgt Ion:284 Resp: 646702
Ion Ratio Lower Upper
284 100
142 33.8 24.6 37.0
249 30.7 23.8 35.6





#69

Atrazine

Concen: 67.084 ng

RT: 16.604 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024398.D

Acq: 23 Apr 2025 16:14

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-10MSD

Tgt Ion:200 Resp: 538210

Ion Ratio Lower Upper

200 100

173 26.4 7.5 47.5

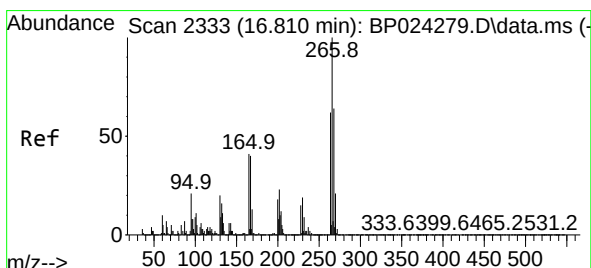
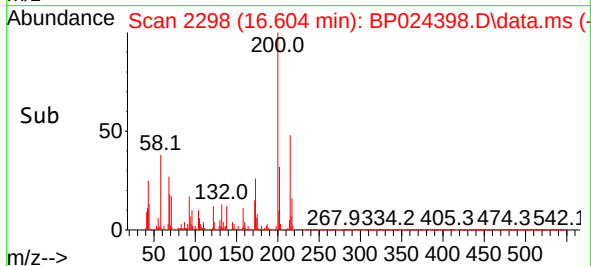
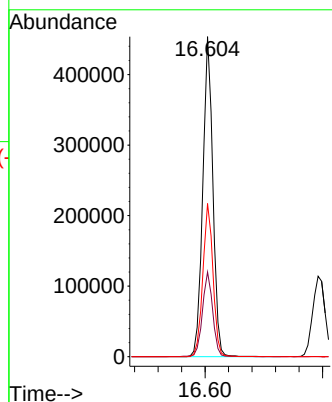
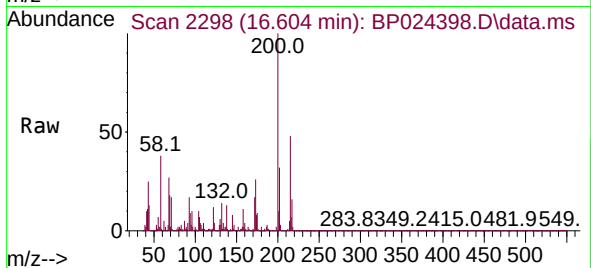
215 47.8 28.8 68.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025



#70

Pentachlorophenol

Concen: 100.370 ng

RT: 16.792 min Scan# 2330

Delta R.T. -0.006 min

Lab File: BP024398.D

Acq: 23 Apr 2025 16:14

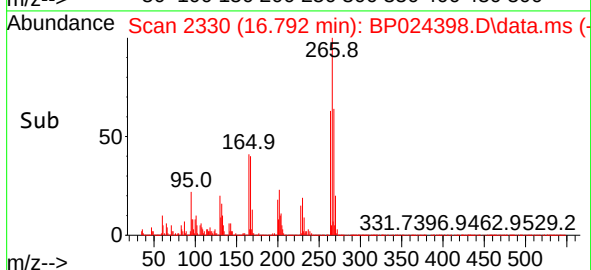
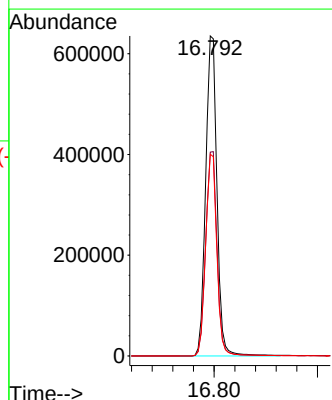
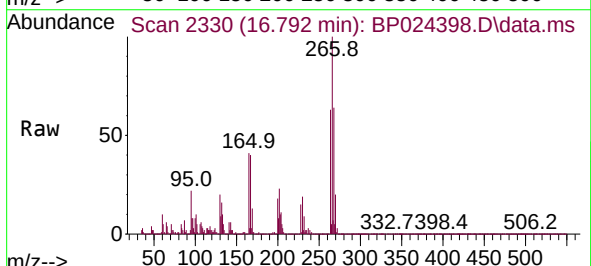
Tgt Ion:266 Resp: 960391

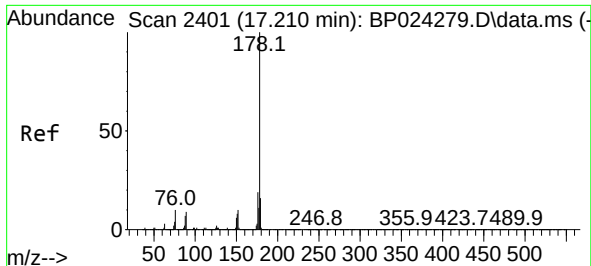
Ion Ratio Lower Upper

266 100

268 63.7 51.0 76.6

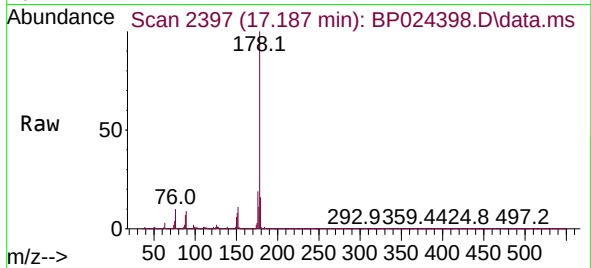
264 63.0 49.8 74.6





#71
Phenanthrene
Concen: 47.015 ng
RT: 17.187 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

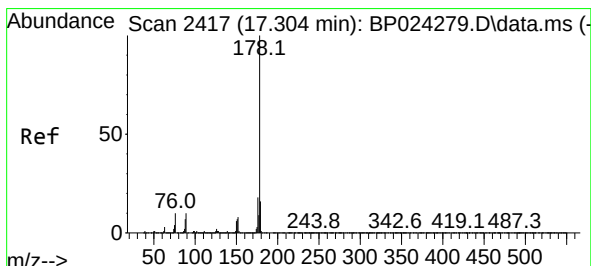
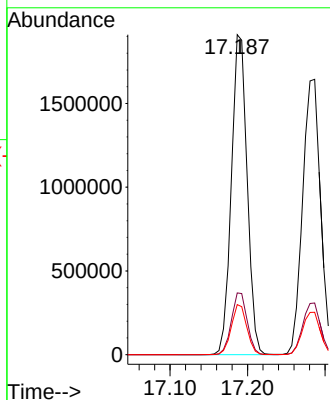
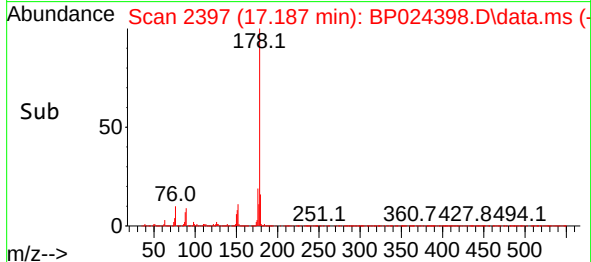
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD



Tgt Ion:178 Resp: 2706879
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.7 12.5 18.7

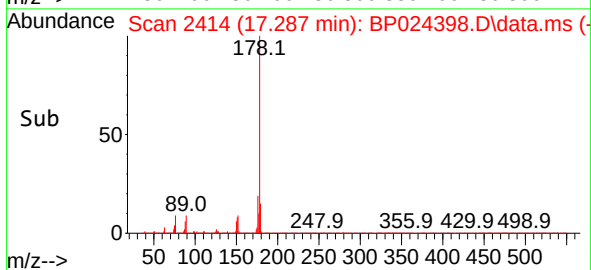
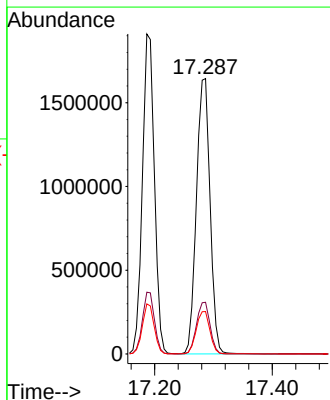
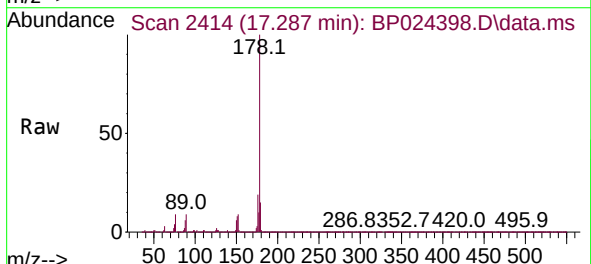
Manual Integrations
APPROVED

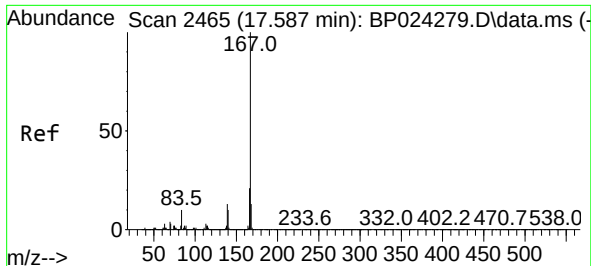
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#72
Anthracene
Concen: 47.704 ng
RT: 17.287 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

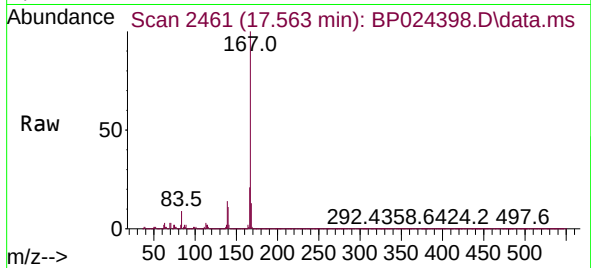
Tgt Ion:178 Resp: 2647107
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 15.4 12.4 18.6





#73
 Carbazole
 Concen: 47.202 ng
 RT: 17.563 min Scan# 2461
 Delta R.T. -0.006 min
 Lab File: BP024398.D
 Acq: 23 Apr 2025 16:14

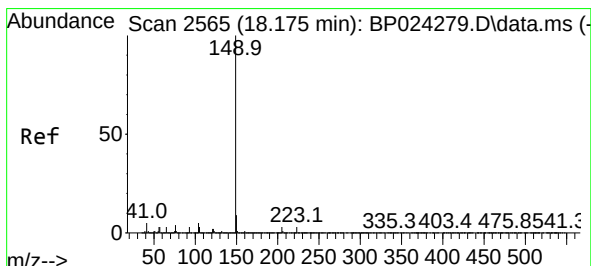
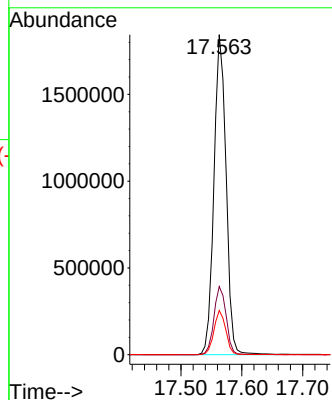
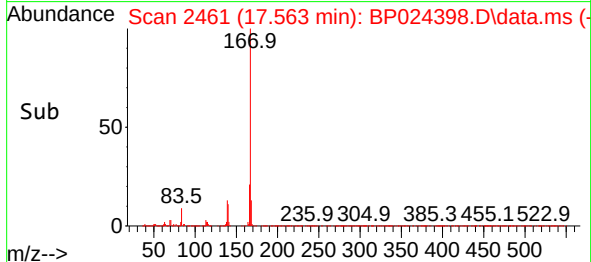
Instrument :
 BNA_P
 ClientSampleId :
 PL-714-COMP-10MSD



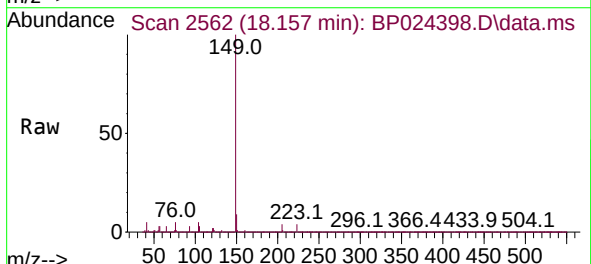
Tgt Ion:167 Resp: 2559218
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.1 25.7
 139 13.8 10.6 16.0

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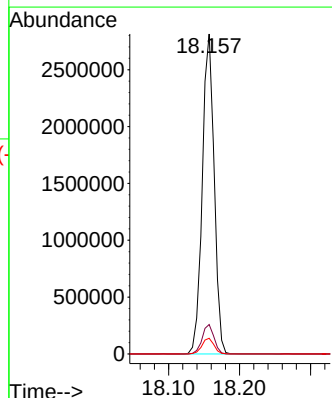
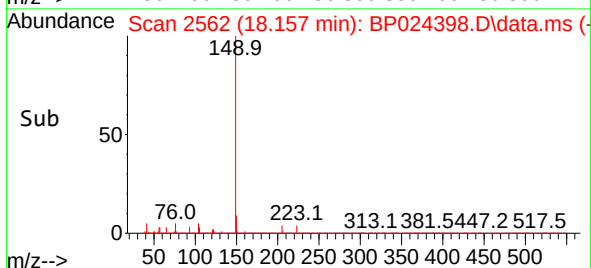
Reviewed By :Rahul Chavli 04/24/2025
 Supervised By :Jagrut Upadhyay 04/24/2025

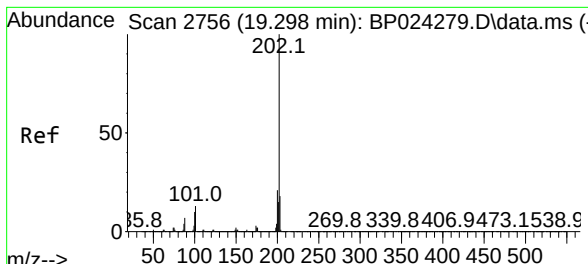


#74
 Di-n-butylphthalate
 Concen: 48.503 ng
 RT: 18.157 min Scan# 2562
 Delta R.T. 0.000 min
 Lab File: BP024398.D
 Acq: 23 Apr 2025 16:14



Tgt Ion:149 Resp: 3276323
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.9 3.9 5.9





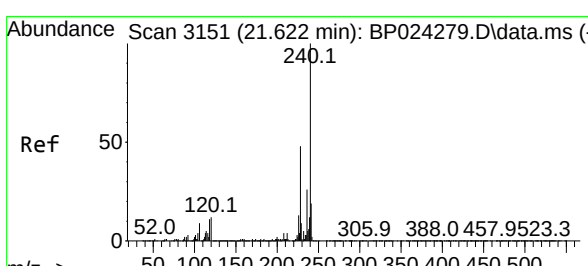
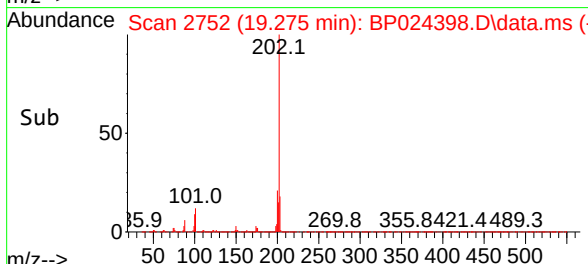
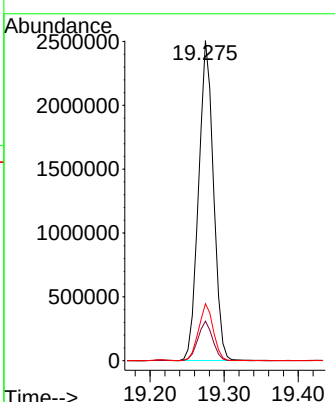
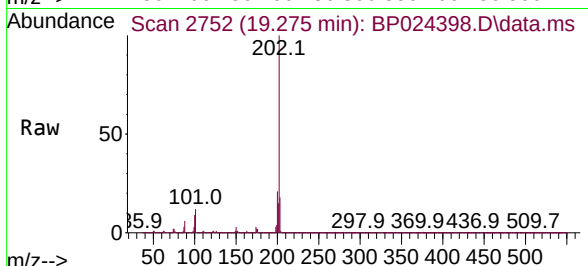
#75
 Fluoranthene
 Concen: 50.956 ng
 RT: 19.275 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP024398.D
 Acq: 23 Apr 2025 16:14

Instrument : BNA_P
 ClientSampleId : PL-714-COMP-10MSD

Tgt Ion: 202 Resp: 348922

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.2
203	17.8	0.0	37.7

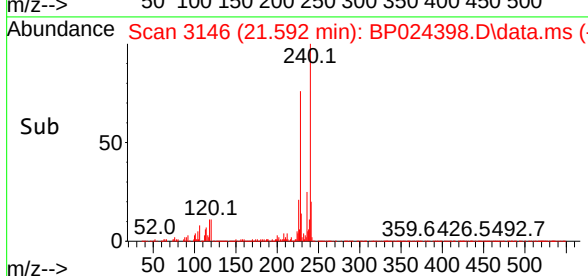
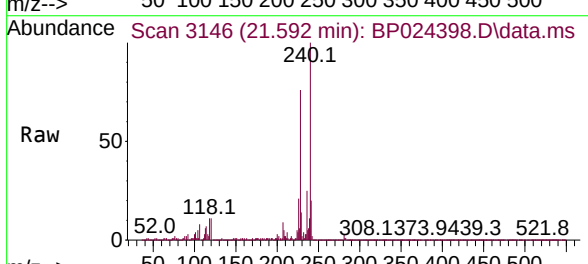
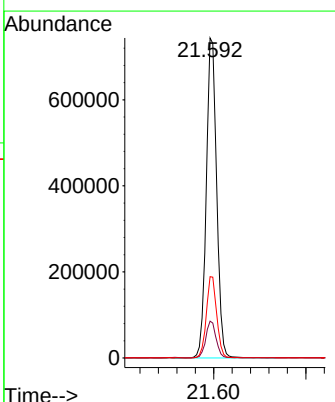
Manual Integrations
APPROVED
 Reviewed By :Rahul Chavli 04/24/2025
 Supervised By :Jagrut Upadhyay 04/24/2025

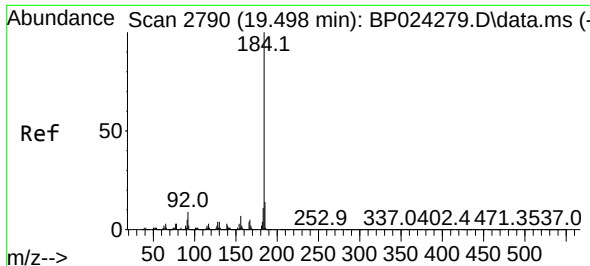


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.592 min Scan# 3146
 Delta R.T. 0.000 min
 Lab File: BP024398.D
 Acq: 23 Apr 2025 16:14

Tgt Ion: 240 Resp: 1162202

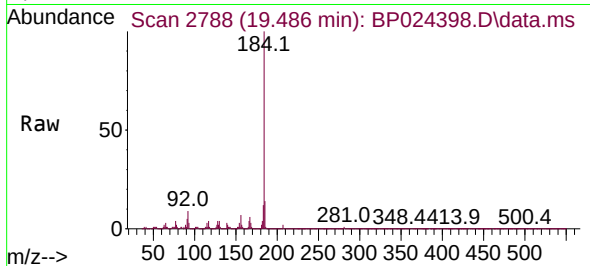
Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.8	14.8
236	25.4	20.9	31.3





#77
Benzidine
Concen: 100.594 ng
RT: 19.486 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

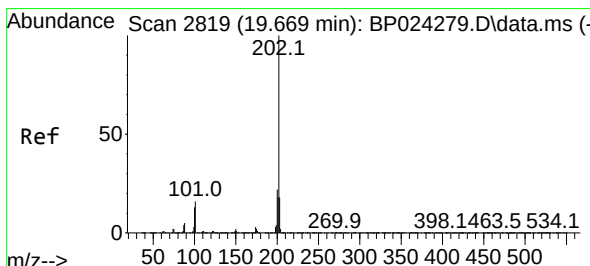
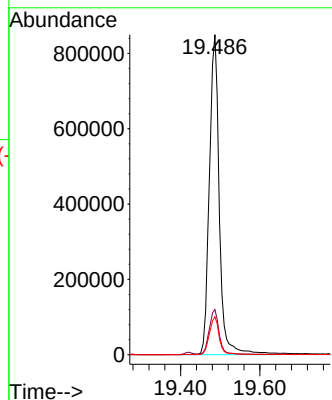
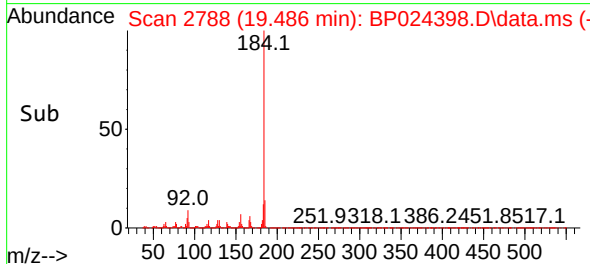
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD



Tgt Ion:184 Resp: 148194
Ion Ratio Lower Upper
184 100
185 14.1 11.6 17.4
183 11.8 9.2 13.8

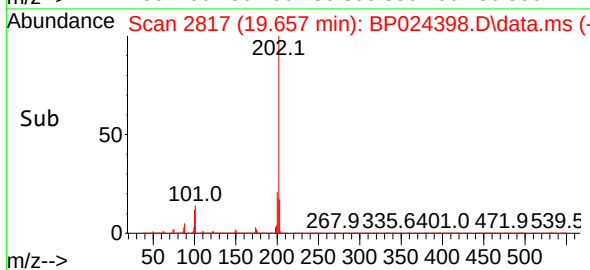
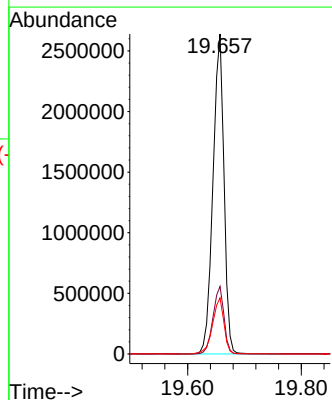
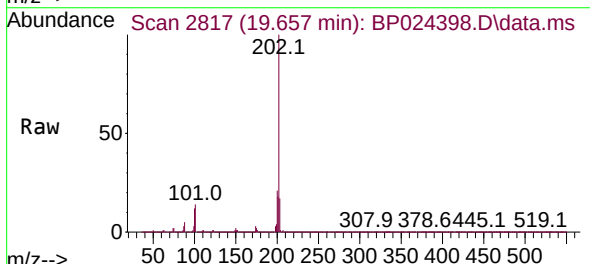
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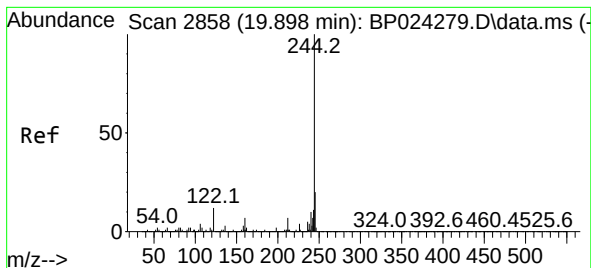
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#78
Pyrene
Concen: 47.802 ng
RT: 19.657 min Scan# 2817
Delta R.T. 0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

Tgt Ion:202 Resp: 3530628
Ion Ratio Lower Upper
202 100
200 21.1 17.2 25.8
203 17.5 14.4 21.6





#79

Terphenyl-d14

Concen: 68.107 ng

RT: 19.875 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024398.D

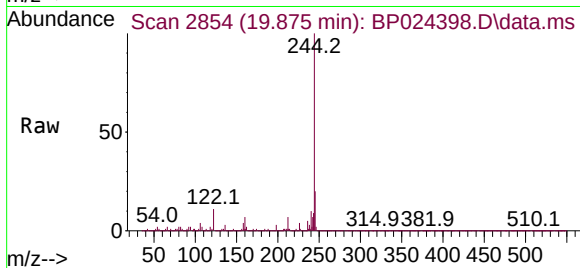
Acq: 23 Apr 2025 16:14

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-10MSD



Tgt Ion:244 Resp: 392698

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

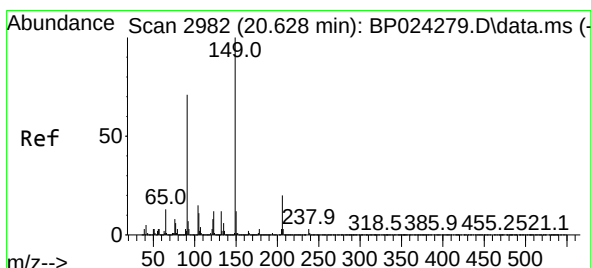
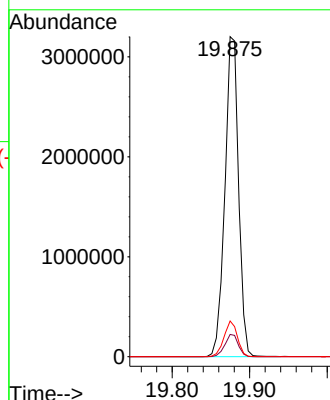
122 11.1 9.4 14.0

Manual Integrations

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Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025



#80

Butylbenzylphthalate

Concen: 50.595 ng

RT: 20.610 min Scan# 2979

Delta R.T. 0.006 min

Lab File: BP024398.D

Acq: 23 Apr 2025 16:14

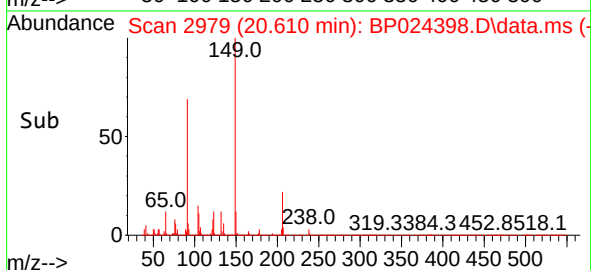
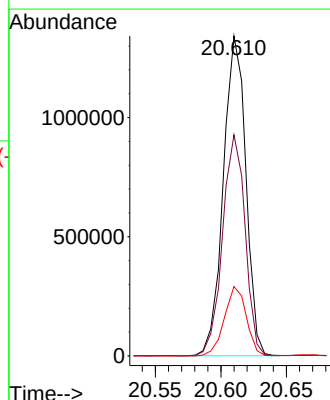
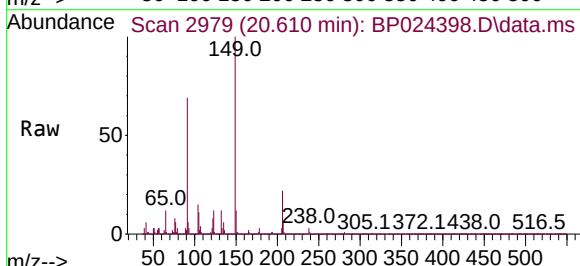
Tgt Ion:149 Resp: 1600609

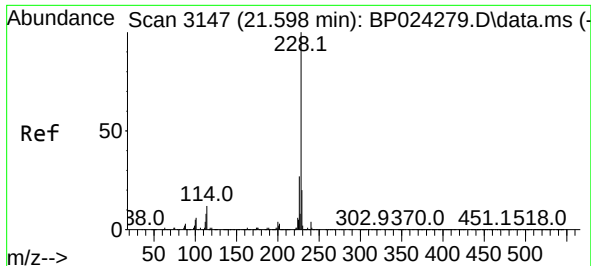
Ion Ratio Lower Upper

149 100

91 69.1 56.4 84.6

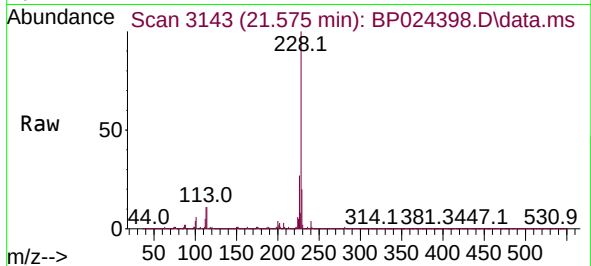
206 21.7 16.3 24.5





#81
Benzo(a)anthracene
Concen: 47.602 ng
RT: 21.575 min Scan# 3143
Delta R.T. 0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

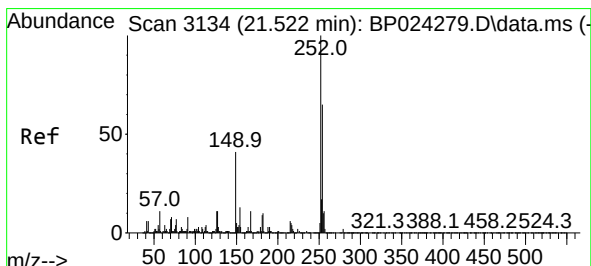
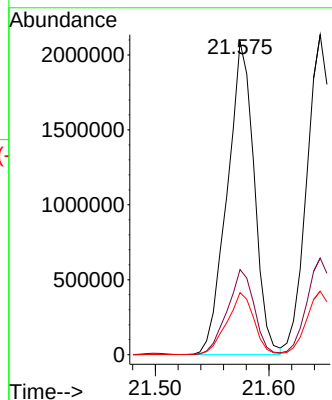
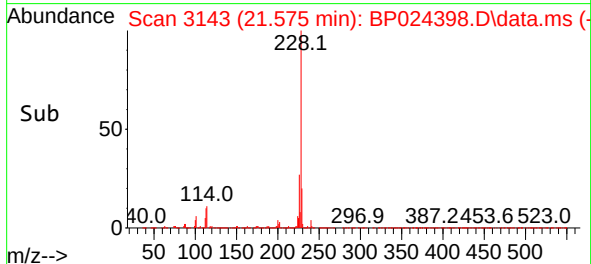
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD



Tgt Ion:228 Resp: 343864
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.9 15.9 23.9

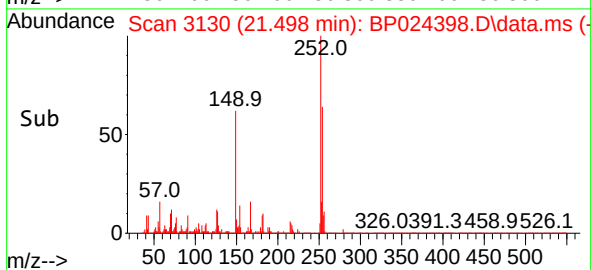
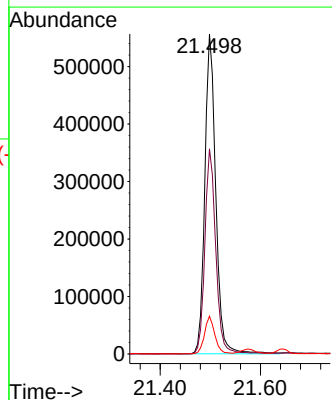
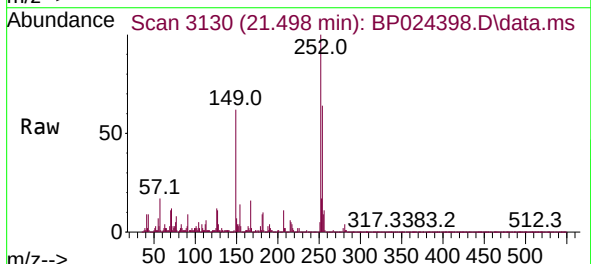
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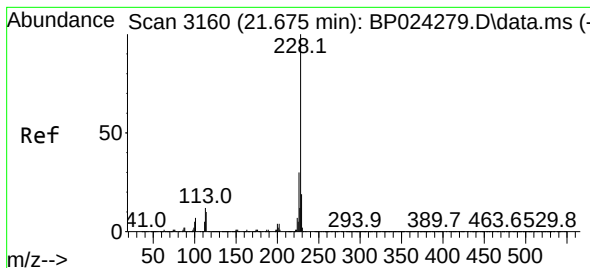
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#82
3,3'-Dichlorobenzidine
Concen: 33.285 ng
RT: 21.498 min Scan# 3130
Delta R.T. 0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

Tgt Ion:252 Resp: 843933
Ion Ratio Lower Upper
252 100
254 64.1 51.7 77.5
126 11.8 8.8 13.2





#83

Chrysene

Concen: 46.767 ng

RT: 21.645 min Scan# 3160

Delta R.T. 0.006 min

Lab File: BP024398.D

Acq: 23 Apr 2025 16:14

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-10MSD

Tgt Ion:228 Resp: 323660

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.2

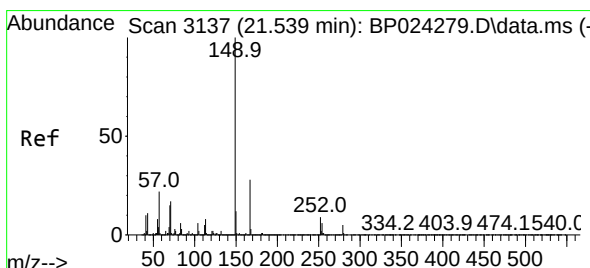
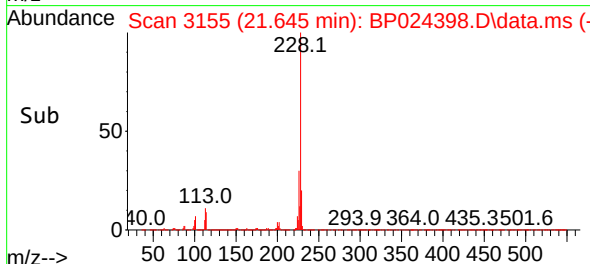
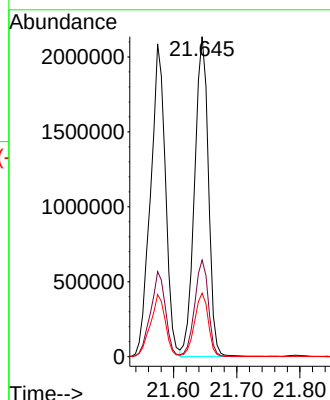
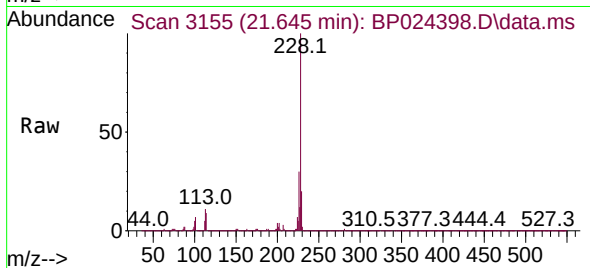
229 19.9 15.6 23.4

Manual Integrations

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Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.929 ng

RT: 21.516 min Scan# 3133

Delta R.T. 0.006 min

Lab File: BP024398.D

Acq: 23 Apr 2025 16:14

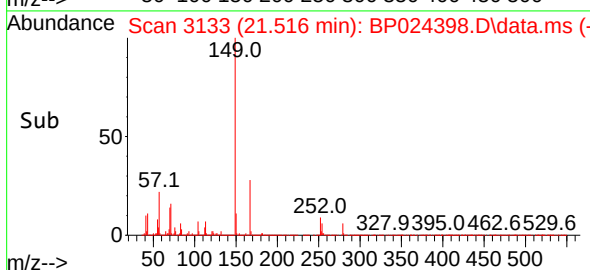
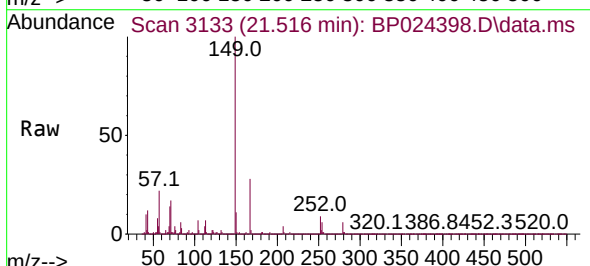
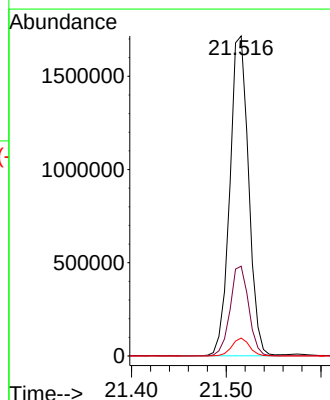
Tgt Ion:149 Resp: 2361933

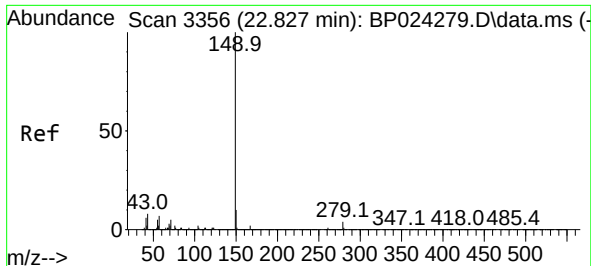
Ion Ratio Lower Upper

149 100

167 28.0 22.4 33.6

279 5.6 4.0 6.0





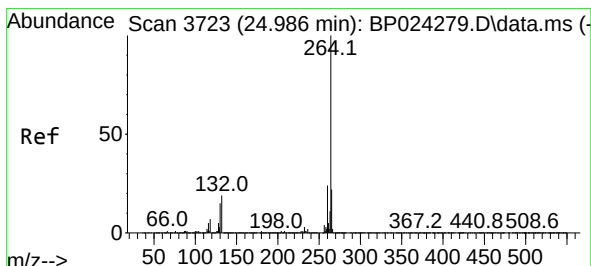
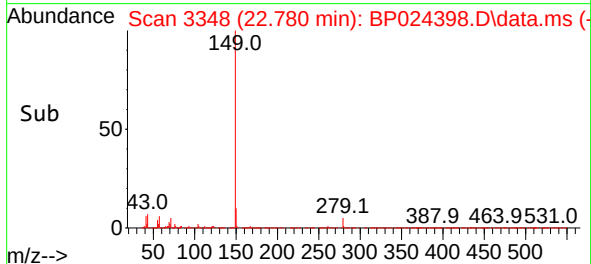
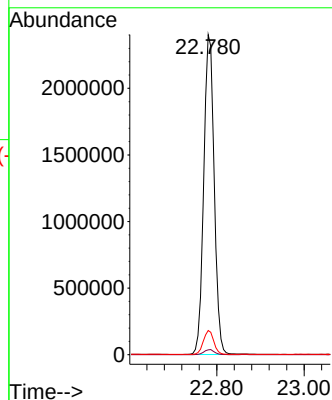
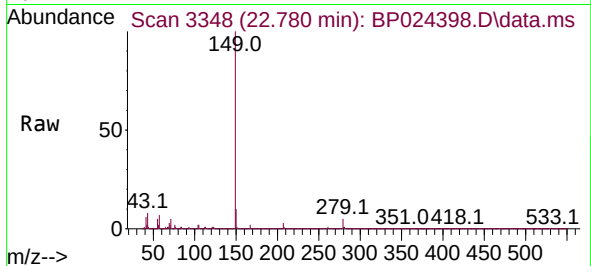
#85
Di-n-octyl phthalate
Concen: 53.106 ng
RT: 22.780 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD

Tgt Ion:149 Resp: 400392
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.4 6.0 9.0

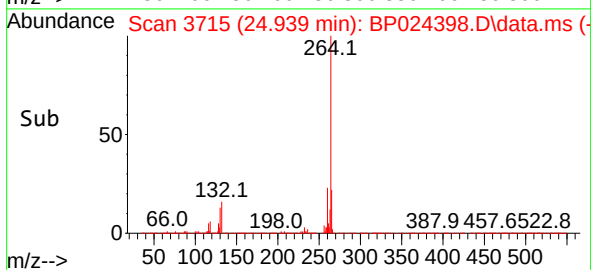
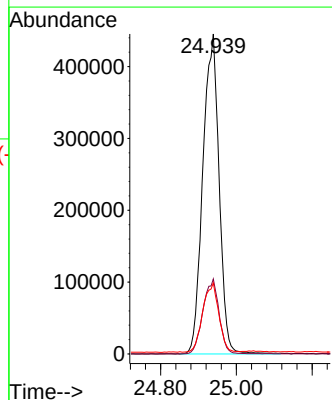
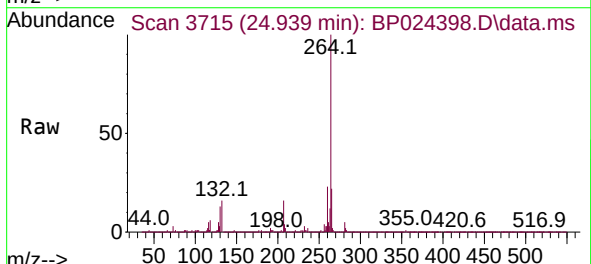
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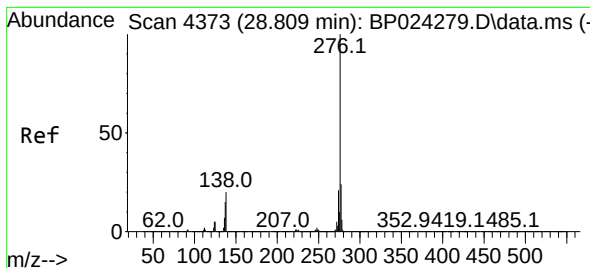
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.939 min Scan# 3715
Delta R.T. 0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

Tgt Ion:264 Resp: 1325155
Ion Ratio Lower Upper
264 100
260 23.4 18.9 28.3
265 22.2 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.269 ng

RT: 28.727 min Scan# 4373

Delta R.T. -0.012 min

Lab File: BP024398.D

Acq: 23 Apr 2025 16:14

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-10MSD

Tgt Ion:276 Resp: 4716640

Ion Ratio Lower Upper

276 100

138 16.2 14.5 21.7

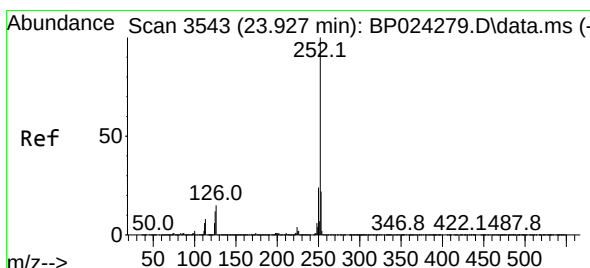
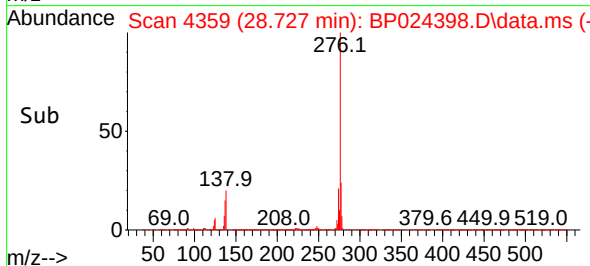
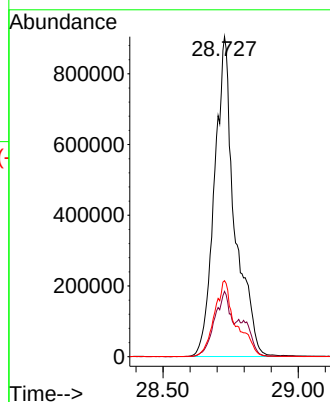
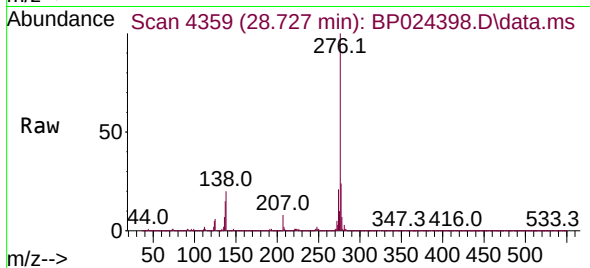
277 25.3 20.2 30.2

Manual Integrations

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Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025



#88

Benzo(b)fluoranthene

Concen: 46.954 ng

RT: 23.874 min Scan# 3534

Delta R.T. -0.012 min

Lab File: BP024398.D

Acq: 23 Apr 2025 16:14

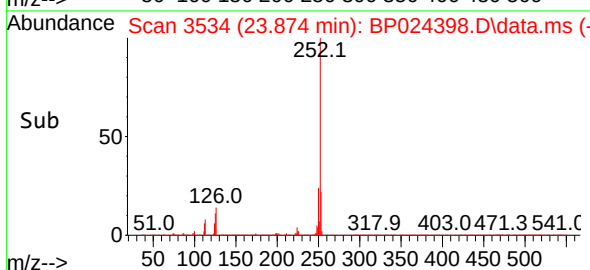
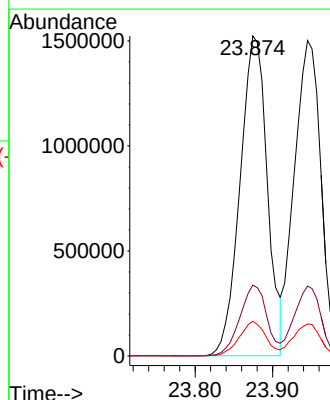
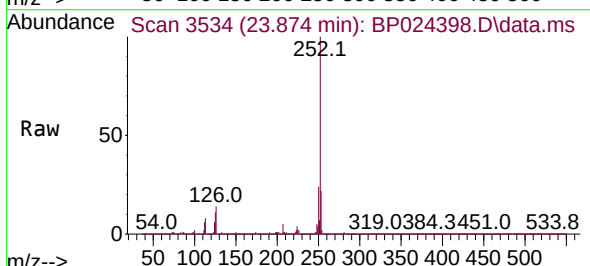
Tgt Ion:252 Resp: 3729574

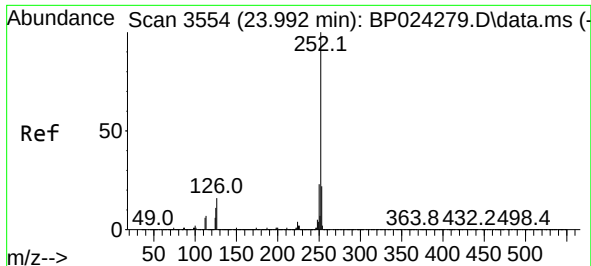
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 10.9 9.4 14.0





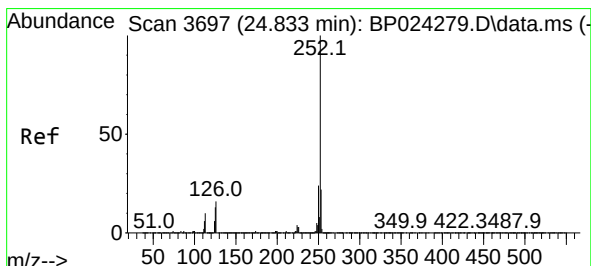
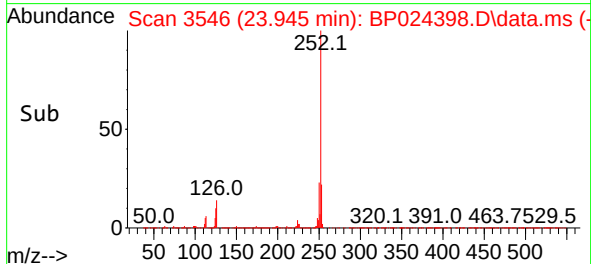
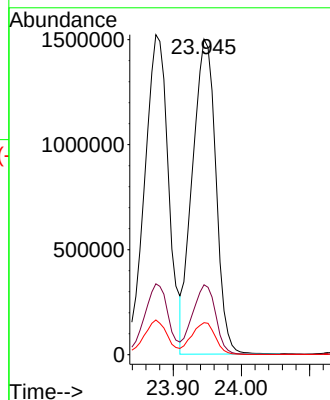
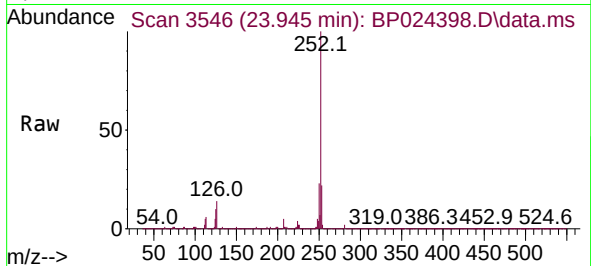
#89
Benzo(k)fluoranthene
Concen: 46.649 ng
RT: 23.945 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD

Tgt Ion:252 Resp: 357914
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 10.1 9.1 13.7

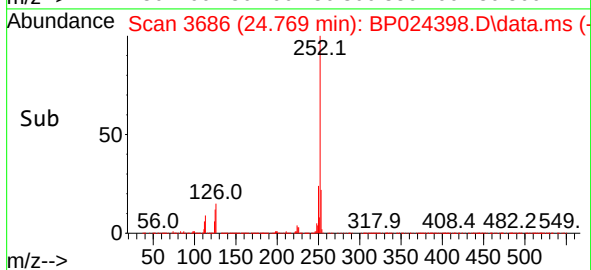
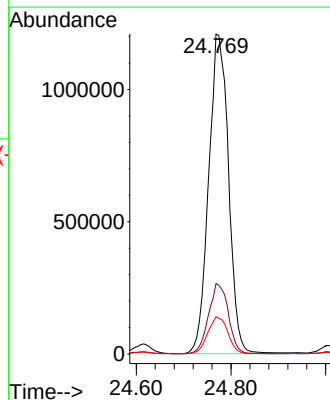
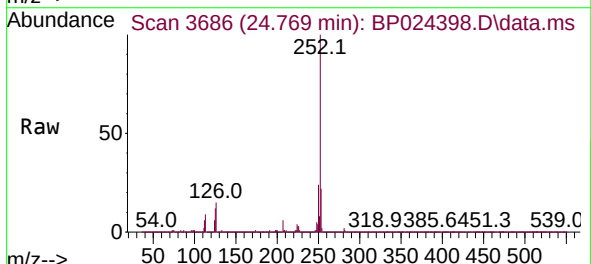
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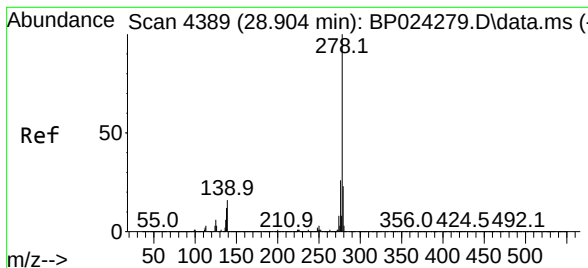
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#90
Benzo(a)pyrene
Concen: 51.382 ng
RT: 24.769 min Scan# 3686
Delta R.T. -0.012 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

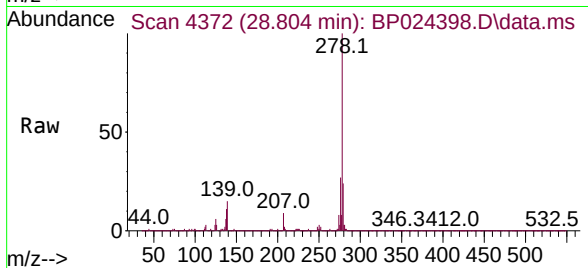
Tgt Ion:252 Resp: 3520519
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 11.6 10.1 15.1





#91
Dibenzo(a,h)anthracene
Concen: 49.476 ng
RT: 28.804 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

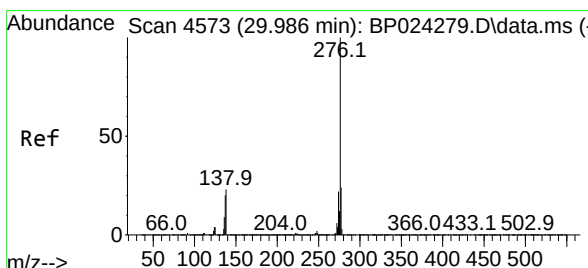
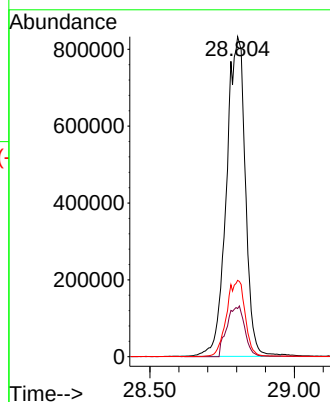
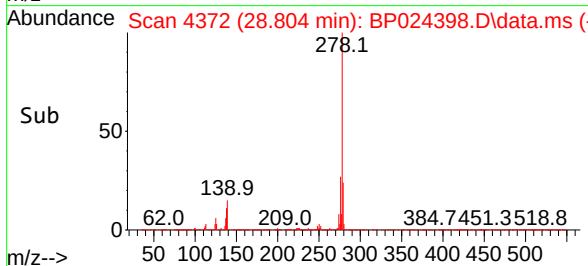
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD



Tgt Ion:278 Resp: 377807
Ion Ratio Lower Upper
278 100
139 15.1 12.6 19.0
279 23.9 18.5 27.7

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



#92
Benzo(g,h,i)perylene
Concen: 49.616 ng
RT: 29.892 min Scan# 4557
Delta R.T. -0.006 min
Lab File: BP024398.D
Acq: 23 Apr 2025 16:14

Tgt Ion:276 Resp: 3856403
Ion Ratio Lower Upper
276 100
277 23.8 18.9 28.3
138 20.7 18.7 28.1

