

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042325\
 Data File : BP024399.D
 Acq On : 23 Apr 2025 16:54
 Operator : RC/JU
 Sample : Q1842-06MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Apr 23 17:59:35 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	177785	20.000	ng	0.00
21) Naphthalene-d8	10.492	136	694792	20.000	ng	0.00
39) Acenaphthene-d10	14.345	164	411588	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	741068	20.000	ng	0.00
76) Chrysene-d12	21.580	240	698327	20.000	ng	-0.01
86) Perylene-d12	24.921	264	838025	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1317927	122.571	ng	0.00
7) Phenol-d6	6.910	99	1624568	110.342	ng	0.00
23) Nitrobenzene-d5	8.869	82	1048081	86.015	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	773229	135.784	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	2333834	86.819	ng	0.00
79) Terphenyl-d14	19.863	244	3456448	99.766	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.293	88	132380	29.107	ng	# 94
3) Pyridine	3.687	79	328844	27.382	ng	96
4) n-Nitrosodimethylamine	3.593	42	143086	35.900	ng	93
6) Aniline	7.057	93	296158	22.511	ng	100
8) 2-Chlorophenol	7.293	128	464566	38.698	ng	99
9) Benzaldehyde	6.875	77	134353	18.448	ng	96
10) Phenol	6.934	94	536632	36.334	ng	96
11) bis(2-Chloroethyl)ether	7.151	93	421140	35.391	ng	99
12) 1,3-Dichlorobenzene	7.610	146	424103	32.815	ng	99
13) 1,4-Dichlorobenzene	7.751	146	434086	33.103	ng	100
14) 1,2-Dichlorobenzene	8.063	146	425251	33.584	ng	99
15) Benzyl Alcohol	7.957	79	397558	41.754	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.240	45	466326	36.255	ng	100
17) 2-Methylphenol	8.163	107	395497	41.394	ng	98
18) Hexachloroethane	8.787	117	159087	33.570	ng	98
19) n-Nitroso-di-n-propyla...	8.516	70	327791	35.987	ng	98
20) 3+4-Methylphenols	8.487	107	536231	40.449	ng	97
22) Acetophenone	8.534	105	667743	38.830	ng	99
24) Nitrobenzene	8.904	77	473712	39.300	ng	98
25) Isophorone	9.434	82	940931	42.662	ng	98
26) 2-Nitrophenol	9.610	139	245709	41.654	ng	96
27) 2,4-Dimethylphenol	9.681	122	446845	60.329	ng	99
28) bis(2-Chloroethoxy)met...	9.904	93	579146	38.871	ng	100
29) 2,4-Dichlorophenol	10.151	162	437993	43.370	ng	99
30) 1,2,4-Trichlorobenzene	10.357	180	408951	37.795	ng	100
31) Naphthalene	10.539	128	1347678	36.823	ng	100
32) Benzoic acid	9.816	122	323426m	37.475	ng	
33) 4-Chloroaniline	10.663	127	161575	12.536	ng	98
34) Hexachlorobutadiene	10.822	225	244217	38.409	ng	99
35) Caprolactam	11.445	113	132288	35.500	ng	97
36) 4-Chloro-3-methylphenol	11.786	107	500091	42.514	ng	100
37) 2-Methylnaphthalene	12.151	142	886432	34.923	ng	98
38) 1-Methylnaphthalene	12.369	142	930494	37.473	ng	100
40) 1,2,4,5-Tetrachloroben...	12.522	216	487062	43.031	ng	99
41) Hexachlorocyclopentadiene	12.504	237	603514	150.760	ng	99
43) 2,4,6-Trichlorophenol	12.769	196	349390	46.429	ng	96

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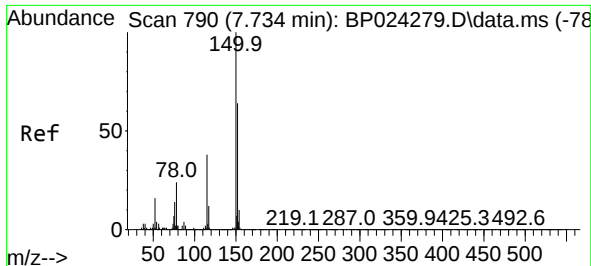
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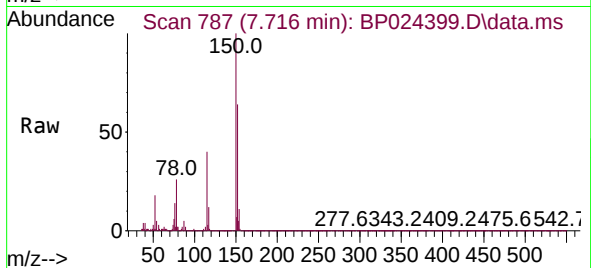
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	390227	46.827	ng	98
46) 1,1'-Biphenyl	13.163	154	1275390	42.156	ng	99
47) 2-Chloronaphthalene	13.210	162	963925	42.630	ng	99
48) 2-Nitroaniline	13.416	65	295721	46.625	ng	96
49) Acenaphthylene	14.063	152	1643171	46.157	ng	100
50) Dimethylphthalate	13.798	163	1281134	42.802	ng	99
51) 2,6-Dinitrotoluene	13.916	165	282402	44.431	ng	94
52) Acenaphthene	14.410	154	931845	41.288	ng	99
53) 3-Nitroaniline	14.257	138	173148	25.920	ng	99
54) 2,4-Dinitrophenol	14.469	184	331879	88.645	ng	94
55) Dibenzofuran	14.745	168	1488816	40.357	ng	98
56) 4-Nitrophenol	14.592	139	465635	80.709	ng	97
57) 2,4-Dinitrotoluene	14.716	165	400109	46.148	ng	99
58) Fluorene	15.410	166	1230532	43.088	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.986	232	337535	43.916	ng	98
60) Diethylphthalate	15.180	149	1286527	41.709	ng	99
61) 4-Chlorophenyl-phenyle...	15.404	204	600090	43.271	ng	98
62) 4-Nitroaniline	15.433	138	296407	41.915	ng	94
63) Azobenzene	15.698	77	1153919	40.702	ng	96
65) 4,6-Dinitro-2-methylph...	15.498	198	212748	45.535	ng	95
66) n-Nitrosodiphenylamine	15.622	169	1063854	48.096	ng	100
67) 4-Bromophenyl-phenylether	16.316	248	387492	47.809	ng	98
68) Hexachlorobenzene	16.433	284	458041	47.560	ng	98
69) Atrazine	16.604	200	352777	62.621	ng	99
70) Pentachlorophenol	16.792	266	625165	93.048	ng	99
71) Phenanthrene	17.180	178	1809417	44.757	ng	100
72) Anthracene	17.274	178	1846658	47.395	ng	100
73) Carbazole	17.557	167	1707139	44.841	ng	99
74) Di-n-butylphthalate	18.145	149	2140582	45.131	ng	100
75) Fluoranthene	19.263	202	2024539	42.106	ng	98
77) Benzidine	19.468	184	136934	15.469	ng	100
78) Pyrene	19.639	202	2070487	46.654	ng	99
80) Butylbenzylphthalate	20.592	149	928605	48.851	ng	96
81) Benzo(a)anthracene	21.557	228	2006715	46.232	ng	99
82) 3,3'-Dichlorobenzidine	21.486	252	526939	34.588	ng	100
83) Chrysene	21.627	228	1885622	45.345	ng	99
84) Bis(2-ethylhexyl)phtha...	21.498	149	1308834	46.969	ng	100
85) Di-n-octyl phthalate	22.768	149	2130433	47.027	ng	100
87) Indeno(1,2,3-cd)pyrene	28.686	276	2930850	50.376	ng	92
88) Benzo(b)fluoranthene	23.856	252	2161226	43.025	ng	99
89) Benzo(k)fluoranthene	23.927	252	2147264	44.254	ng	98
90) Benzo(a)pyrene	24.756	252	2102865	48.532	ng	99
91) Dibenzo(a,h)anthracene	28.791	278	2407892	49.863	ng	99
92) Benzo(g,h,i)perylene	29.856	276	2343671	47.681	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: BP024399.D
Acq: 23 Apr 2025 16:54

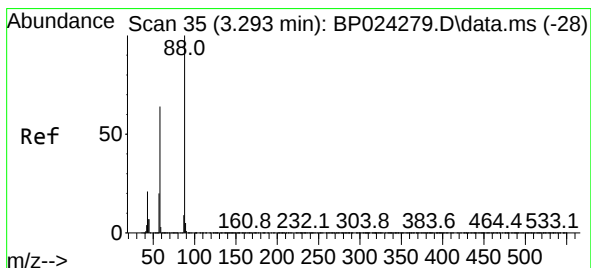
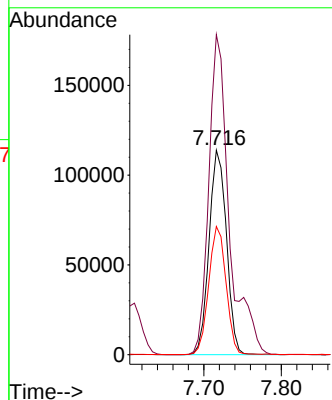
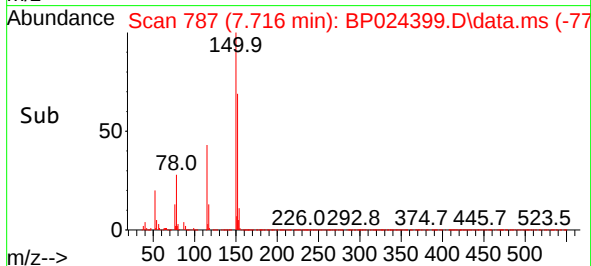
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MS



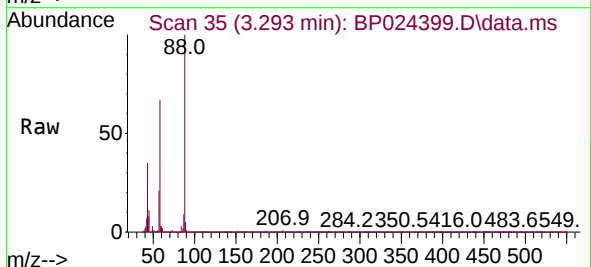
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Ion Ratio Lower Upper
152 100
150 156.4 124.9 187.3
115 62.7 47.7 71.5

Manual Integrations
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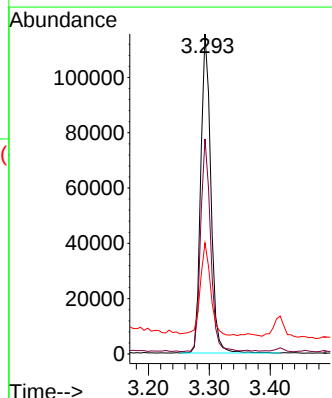
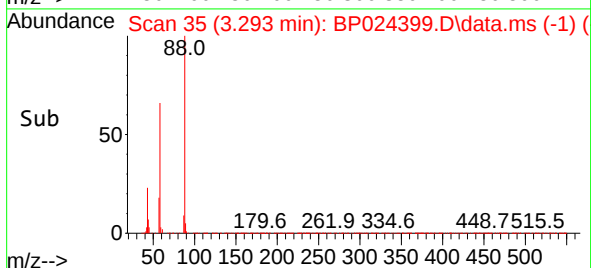
Reviewed By :Rahul Chavli 04/24/2025
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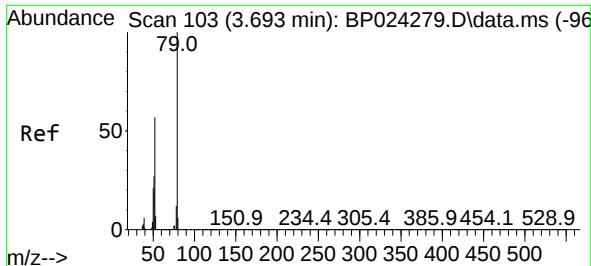


#2
1,4-Dioxane
Concen: 29.107 ng
RT: 3.293 min Scan# 35
Delta R.T. 0.006 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54



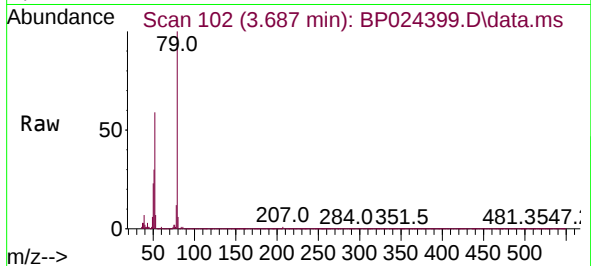
Tgt Ion: 88 Resp: 132380
Ion Ratio Lower Upper
88 100
58 65.9 51.4 77.2
43 29.3 17.1 25.7#





#3
Pyridine
Concen: 27.382 ng
RT: 3.687 min Scan# 103
Delta R.T. -0.000 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

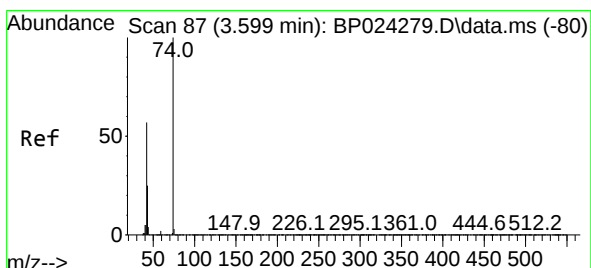
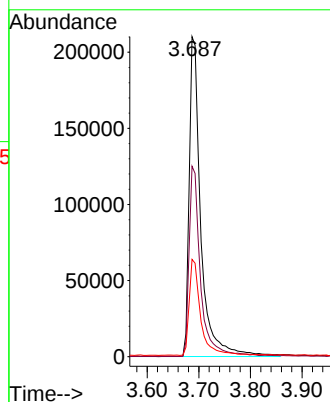
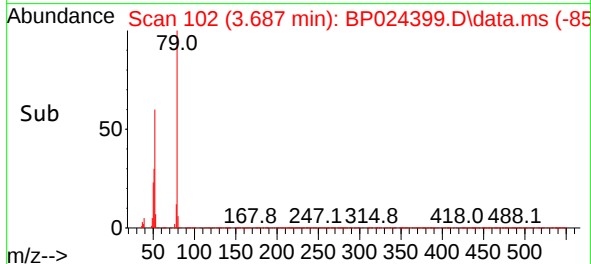
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MS



Tgt Ion: 79 Resp: 328844
Ion Ratio Lower Upper
79 100
52 59.5 45.4 68.2
51 30.4 22.6 33.8

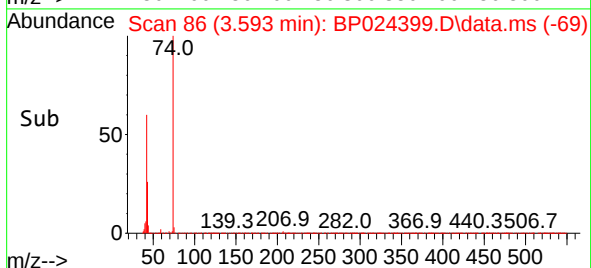
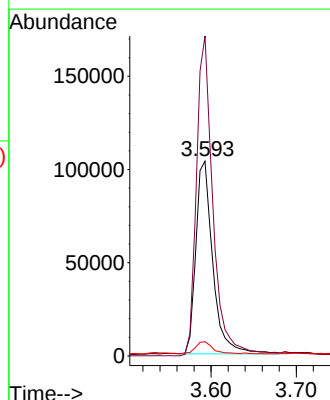
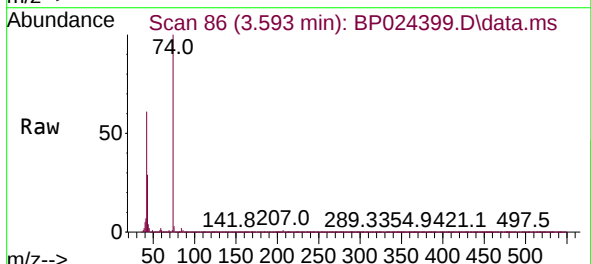
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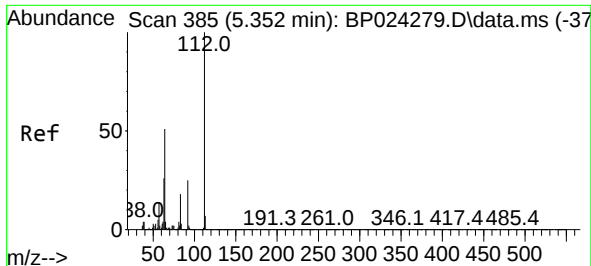
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#4
n-Nitrosodimethylamine
Concen: 35.900 ng
RT: 3.593 min Scan# 86
Delta R.T. -0.000 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

Tgt Ion: 42 Resp: 143086
Ion Ratio Lower Upper
42 100
74 164.4 139.5 209.3
44 7.3 5.8 8.8





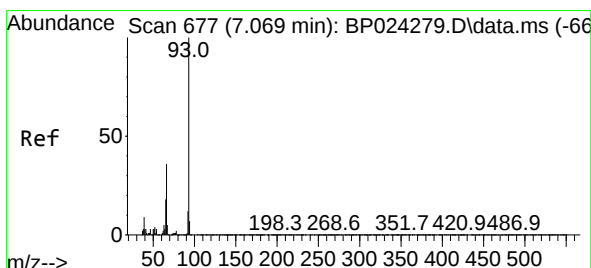
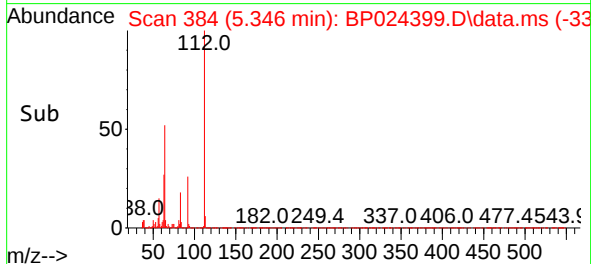
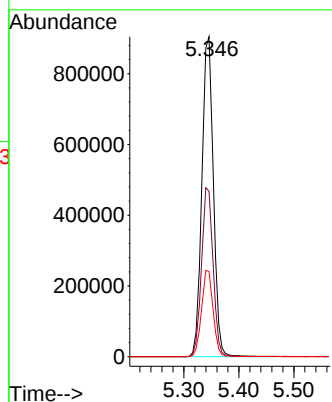
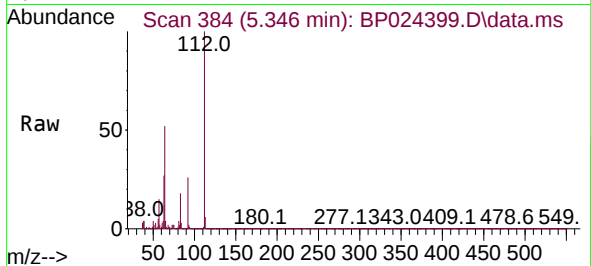
#5
2-Fluorophenol
Concen: 122.571 ng
RT: 5.346 min Scan# 385
Delta R.T. -0.000 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

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

Tgt Ion:112 Resp: 131792
Ion Ratio Lower Upper
112 100
64 51.7 41.1 61.7
63 26.6 20.6 30.8

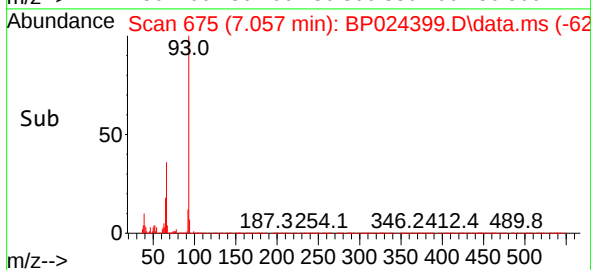
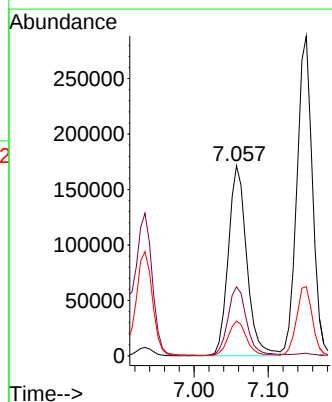
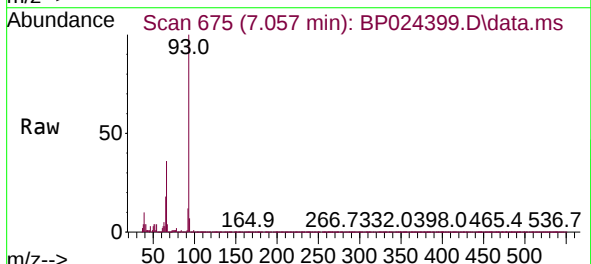
Manual Integrations
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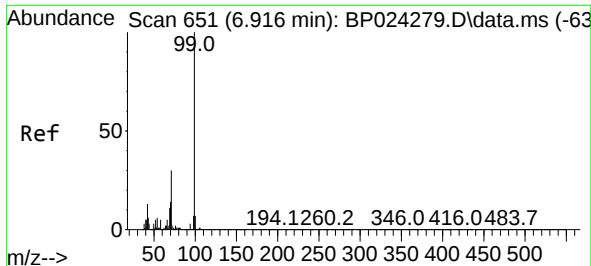
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#6
Aniline
Concen: 22.511 ng
RT: 7.057 min Scan# 675
Delta R.T. -0.006 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

Tgt Ion: 93 Resp: 296158
Ion Ratio Lower Upper
93 100
66 36.3 29.1 43.7
65 18.4 14.7 22.1





#7

Phenol-d6

Concen: 110.342 ng

RT: 6.910 min Scan# 61

Delta R.T. -0.000 min

Lab File: BP024399.D

Acq: 23 Apr 2025 16:54

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-08MS

Tgt Ion: 99 Resp: 162456

Ion Ratio Lower Upper

99 100

42 14.5 10.6 16.0

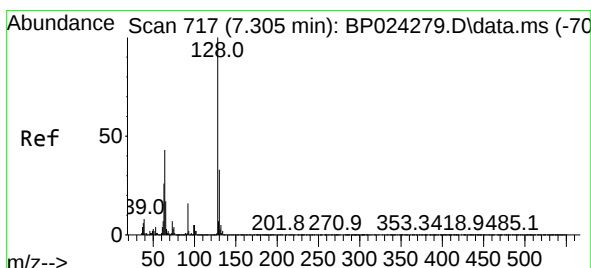
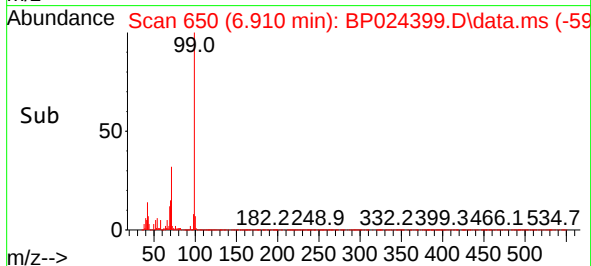
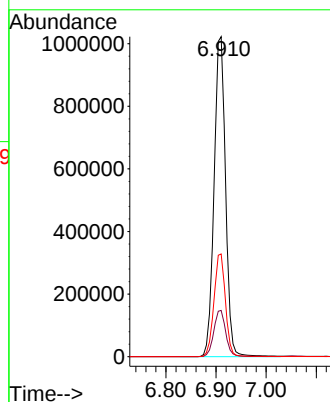
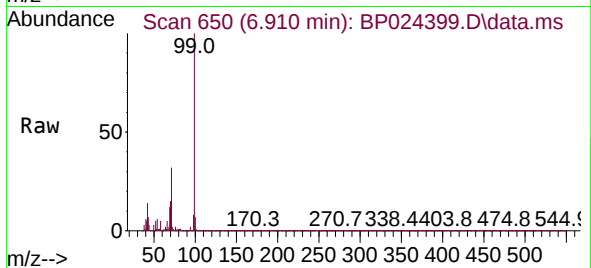
71 32.1 23.7 35.5

Manual Integrations

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#8

2-Chlorophenol

Concen: 38.698 ng

RT: 7.293 min Scan# 715

Delta R.T. -0.006 min

Lab File: BP024399.D

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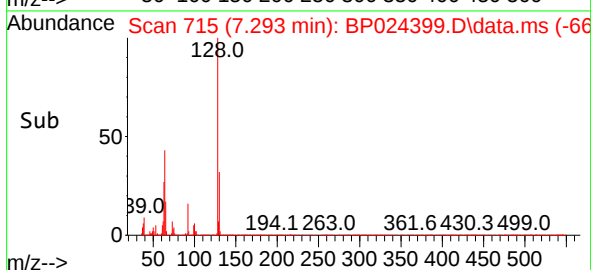
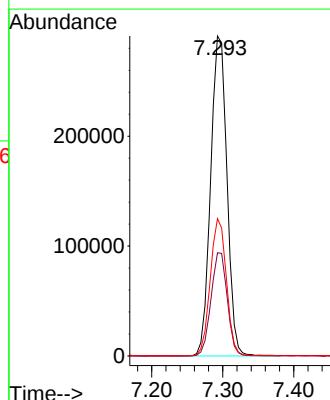
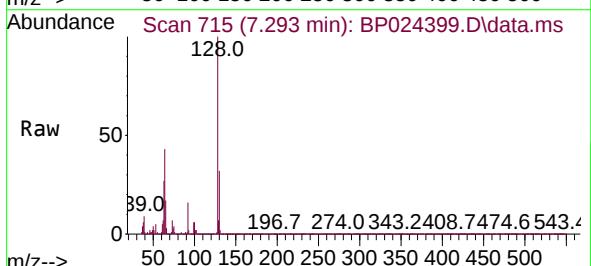
Tgt Ion:128 Resp: 464566

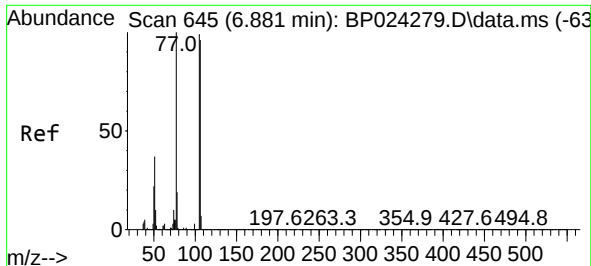
Ion Ratio Lower Upper

128 100

130 32.3 12.9 52.9

64 42.9 22.7 62.7





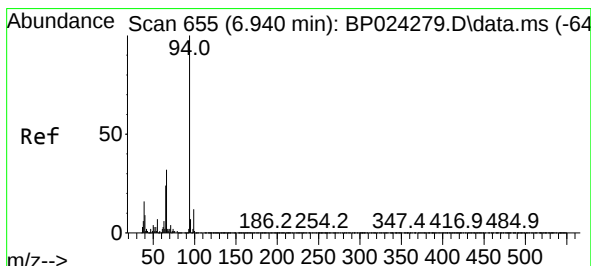
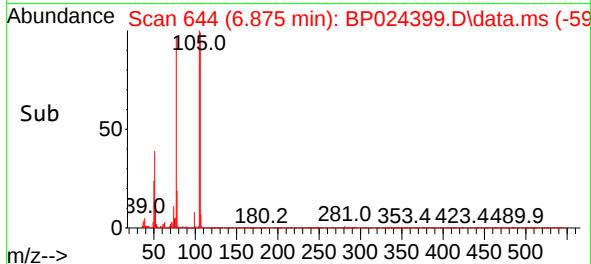
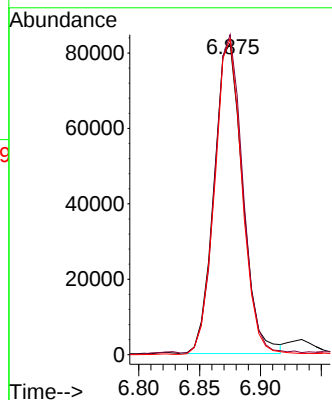
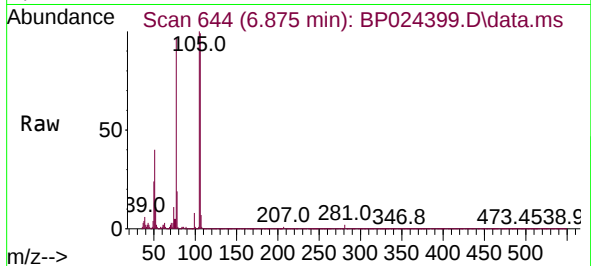
#9
Benzaldehyde
Concen: 18.448 ng
RT: 6.875 min Scan# 644
Delta R.T. -0.006 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

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

Tgt Ion: 77 Resp: 13435
Ion Ratio Lower Upper
77 100
105 102.8 79.2 119.2
106 101.4 76.2 116.2

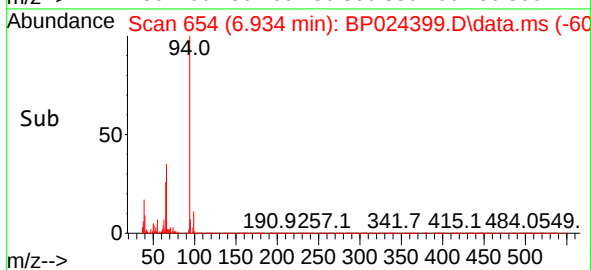
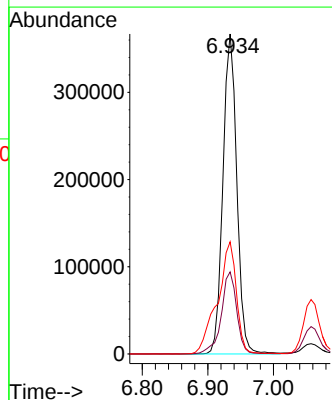
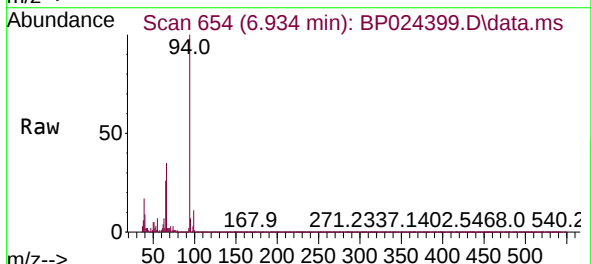
Manual Integrations
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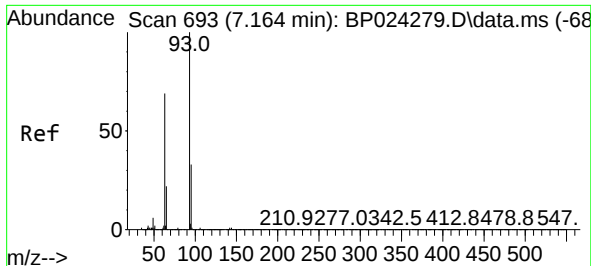
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#10
Phenol
Concen: 36.334 ng
RT: 6.934 min Scan# 654
Delta R.T. -0.006 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

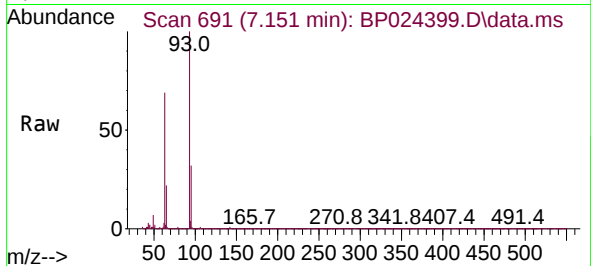
Tgt Ion: 94 Resp: 536632
Ion Ratio Lower Upper
94 100
65 25.6 4.5 44.5
66 35.1 12.4 52.4





#11
bis(2-Chloroethyl)ether
Concen: 35.391 ng
RT: 7.151 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

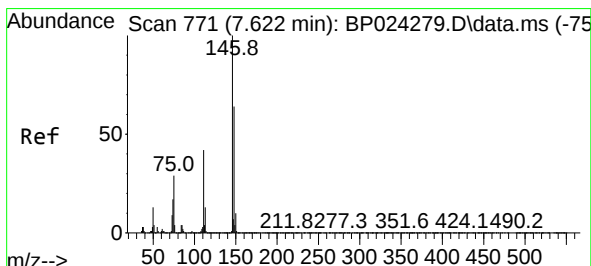
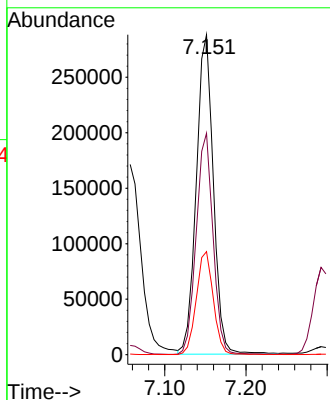
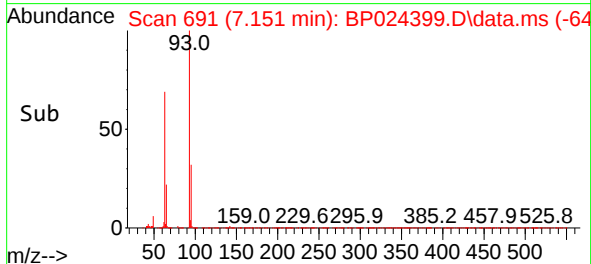
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MS



Tgt Ion: 93 Resp: 421140
Ion Ratio Lower Upper
93 100
63 69.2 48.6 88.6
95 32.2 12.3 52.3

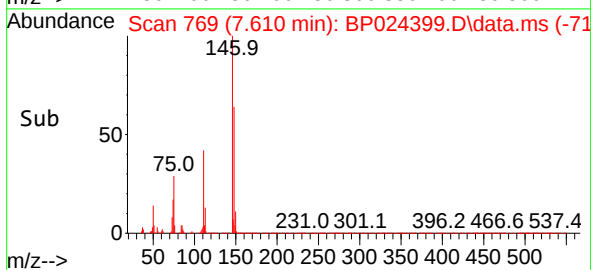
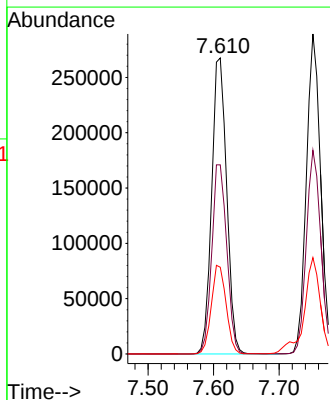
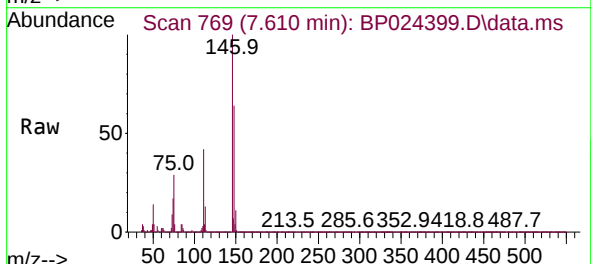
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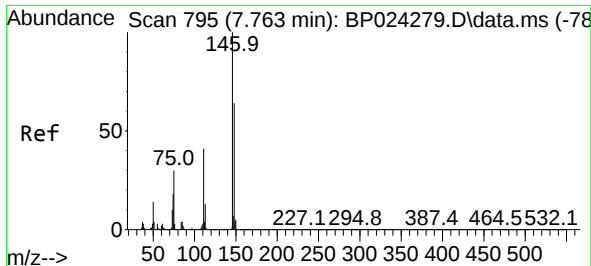
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#12
1,3-Dichlorobenzene
Concen: 32.815 ng
RT: 7.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

Tgt Ion:146 Resp: 424103
Ion Ratio Lower Upper
146 100
148 63.9 51.4 77.0
75 29.3 22.9 34.3





#13

1,4-Dichlorobenzene

Concen: 33.103 ng

RT: 7.751 min Scan# 795

Delta R.T. -0.006 min

Lab File: BP024399.D

Acq: 23 Apr 2025 16:54

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-08MS

Tgt Ion:146 Resp: 434086

Ion Ratio Lower Upper

146 100

148 63.7 51.1 76.7

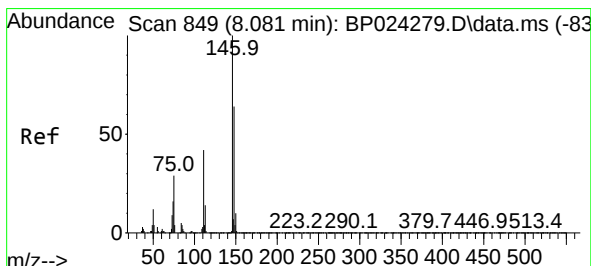
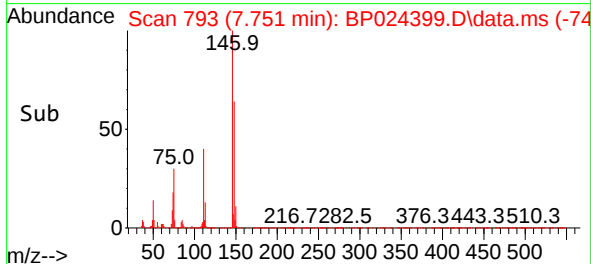
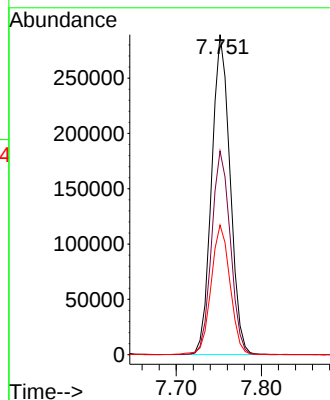
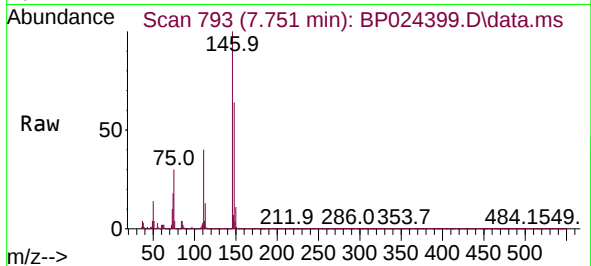
111 40.5 32.6 48.8

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Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025



#14

1,2-Dichlorobenzene

Concen: 33.584 ng

RT: 8.063 min Scan# 846

Delta R.T. -0.012 min

Lab File: BP024399.D

Acq: 23 Apr 2025 16:54

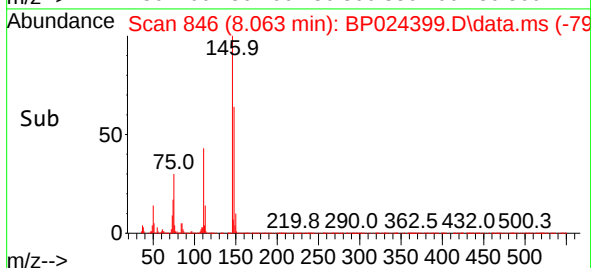
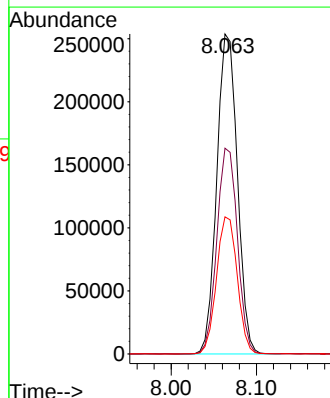
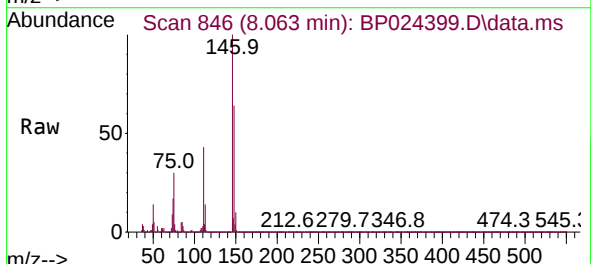
Tgt Ion:146 Resp: 425251

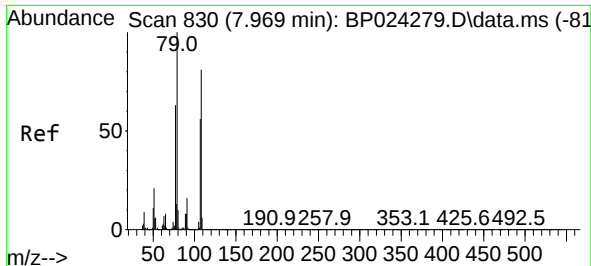
Ion Ratio Lower Upper

146 100

148 64.3 51.0 76.4

111 42.8 33.8 50.8





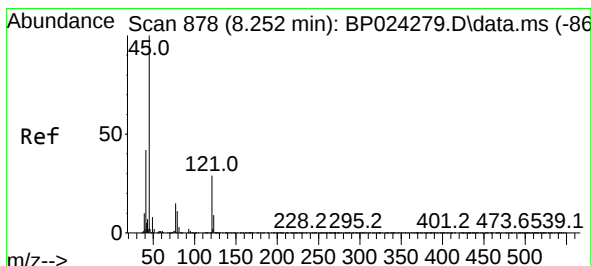
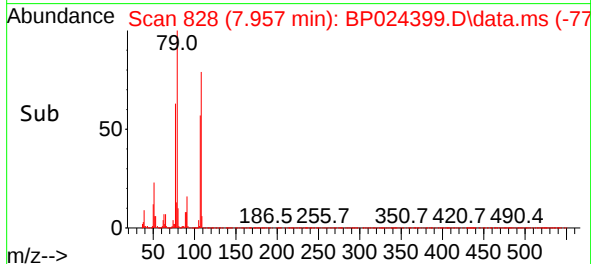
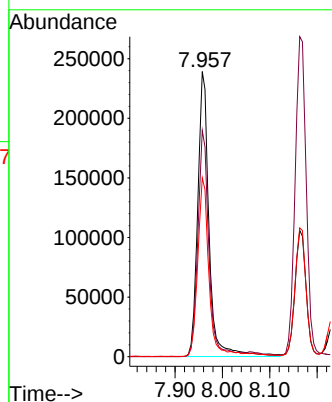
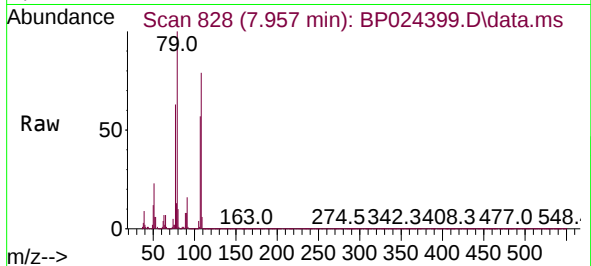
#15
Benzyl Alcohol
Concen: 41.754 ng
RT: 7.957 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

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

Tgt Ion: 79 Resp: 397558
Ion Ratio Lower Upper
79 100
108 79.4 65.1 97.7
77 62.8 50.7 76.1

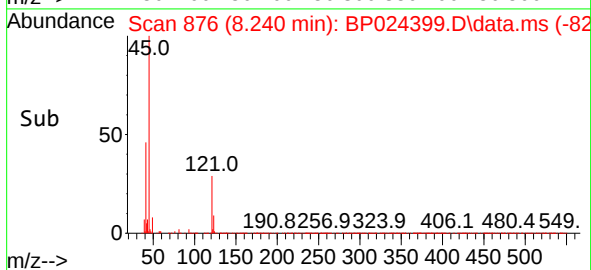
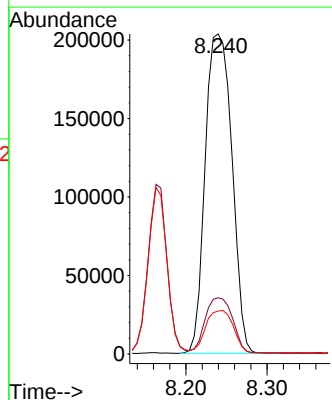
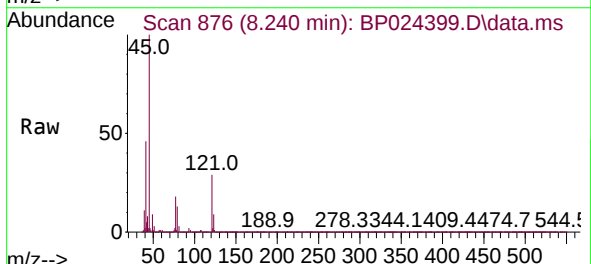
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Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.255 ng
RT: 8.240 min Scan# 876
Delta R.T. -0.006 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

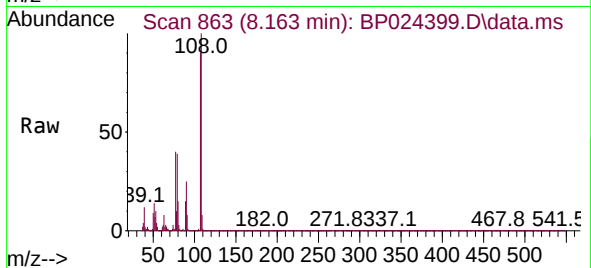
Tgt Ion: 45 Resp: 466326
Ion Ratio Lower Upper
45 100
77 17.5 0.0 37.7
79 13.4 0.0 33.5





#17
2-Methylphenol
Concen: 41.394 ng
RT: 8.163 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

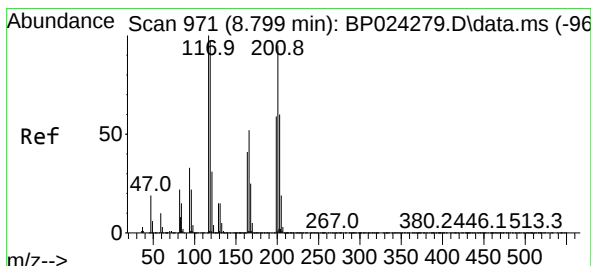
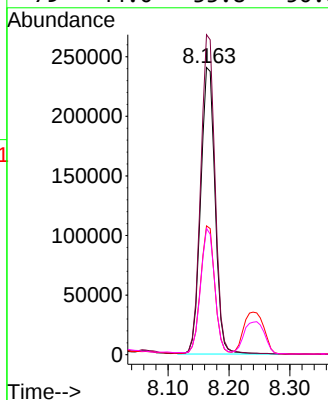
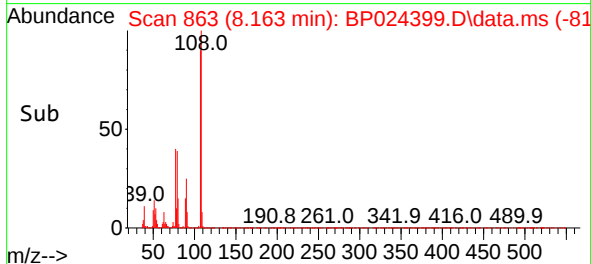
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MS



Tgt Ion:107 Resp: 39549
Ion Ratio Lower Upper
107 100
108 111.4 89.8 134.6
77 44.8 34.2 51.4
79 44.0 33.8 50.8

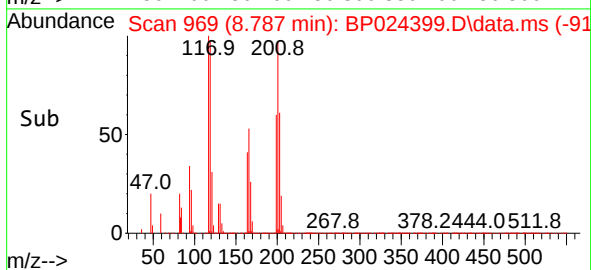
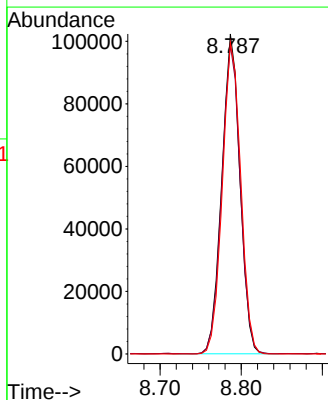
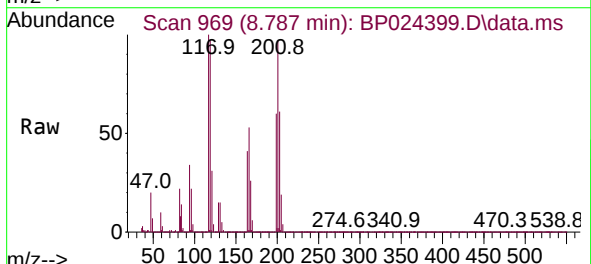
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Supervised By :Jagrut Upadhyay 04/24/2025



#18
Hexachloroethane
Concen: 33.570 ng
RT: 8.787 min Scan# 969
Delta R.T. -0.006 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

Tgt Ion:117 Resp: 159087
Ion Ratio Lower Upper
117 100
119 96.6 77.8 116.6
201 97.4 75.9 113.9





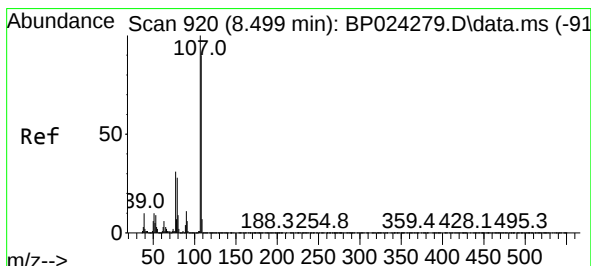
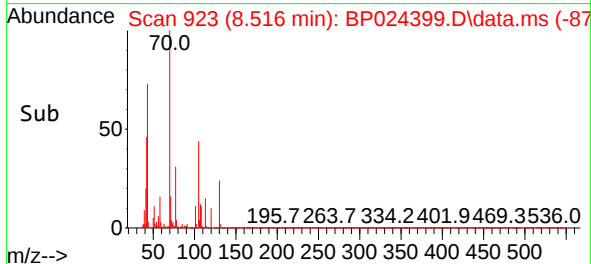
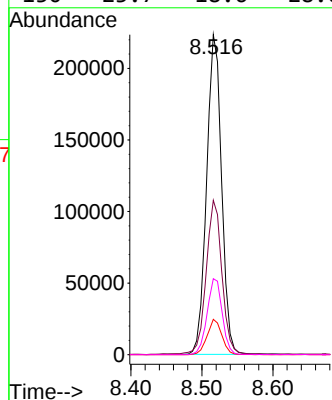
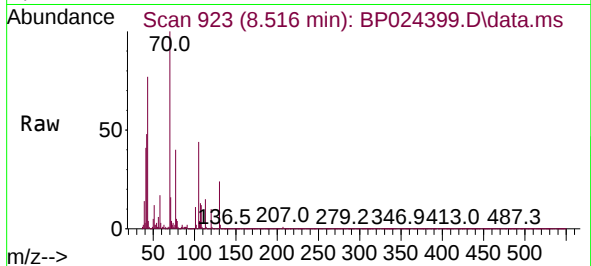
#19
n-Nitroso-di-n-propylamine
Concen: 35.987 ng
RT: 8.516 min Scan# 918
Delta R.T. -0.006 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

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

Tgt Ion: 70 Resp: 32779
Ion Ratio Lower Upper
70 100
42 48.2 37.3 55.9
101 11.0 8.2 12.4
130 23.7 18.6 28.0

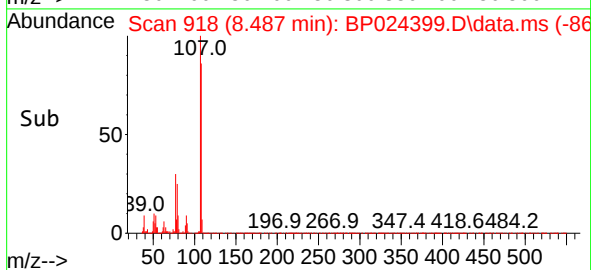
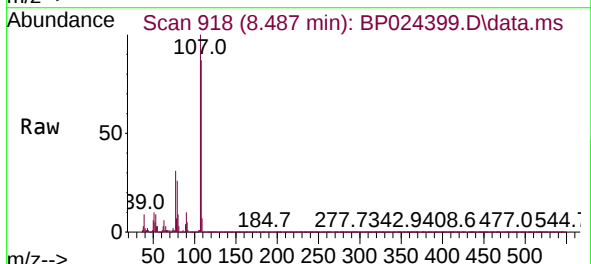
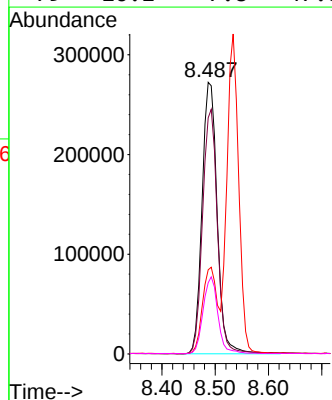
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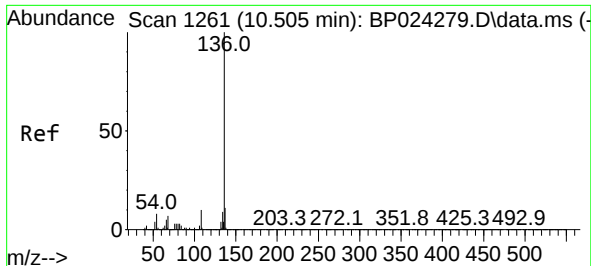
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#20
3+4-Methylphenols
Concen: 40.449 ng
RT: 8.487 min Scan# 918
Delta R.T. -0.006 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

Tgt Ion:107 Resp: 536231
Ion Ratio Lower Upper
107 100
108 87.0 69.8 109.8
77 31.0 11.5 51.5
79 26.2 7.8 47.8





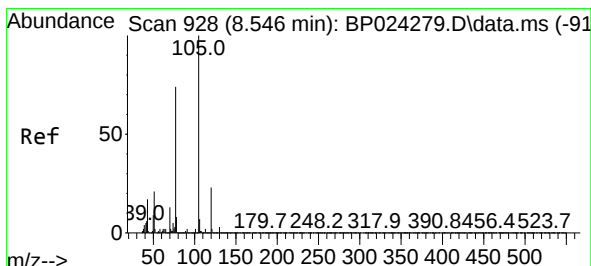
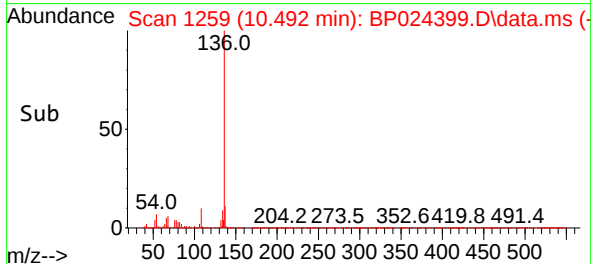
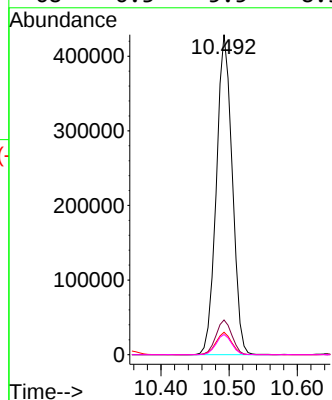
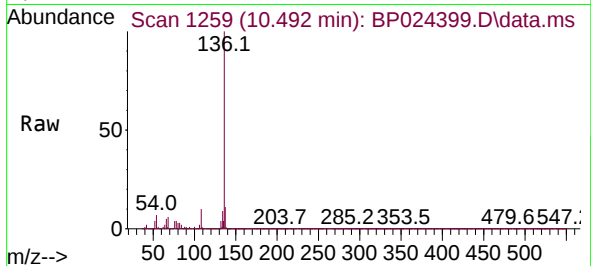
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.492 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

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

Tgt Ion:	136	Resp:	694792
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.2	13.8
54	7.0	6.0	9.0
68	6.3	5.5	8.3

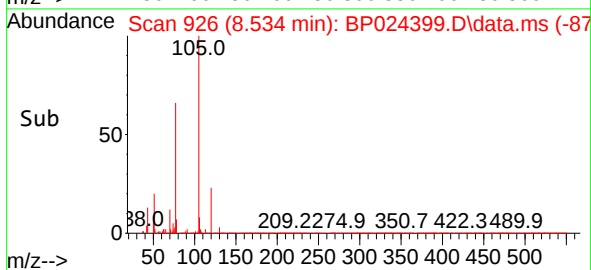
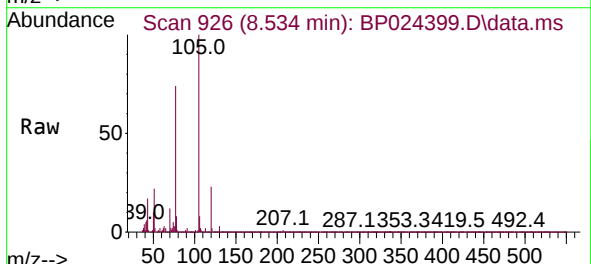
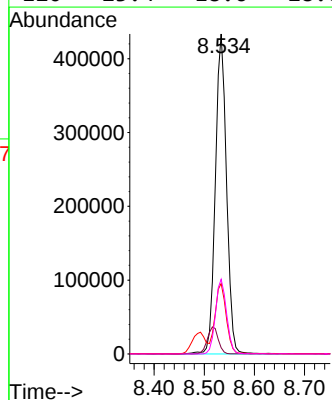
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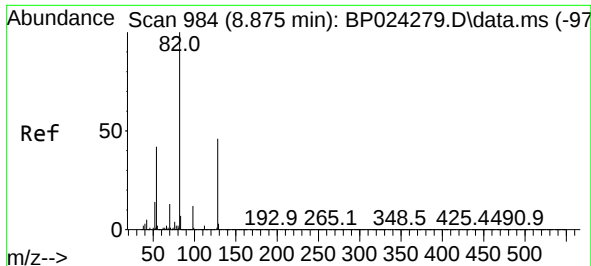
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#22
Acetophenone
Concen: 38.830 ng
RT: 8.534 min Scan# 926
Delta R.T. -0.006 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

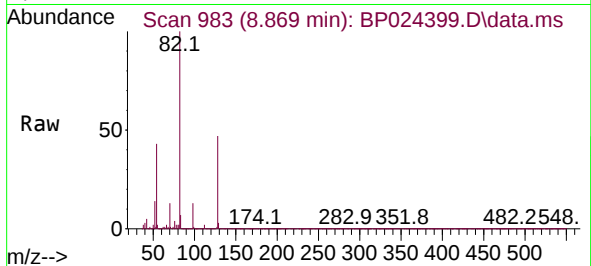
Tgt Ion:	105	Resp:	667743
Ion Ratio	Lower	Upper	
105	100		
71	2.0	1.7	2.5
51	22.0	16.9	25.3
120	23.4	18.6	28.0





#23
Nitrobenzene-d5
Concen: 86.015 ng
RT: 8.869 min Scan# 984
Delta R.T. -0.000 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

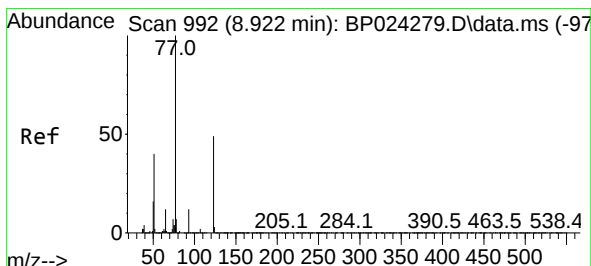
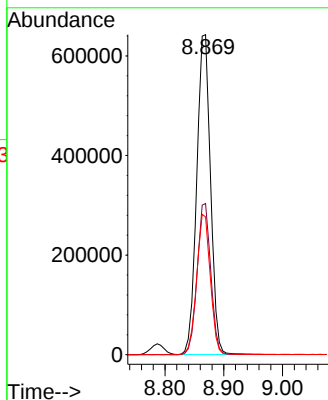
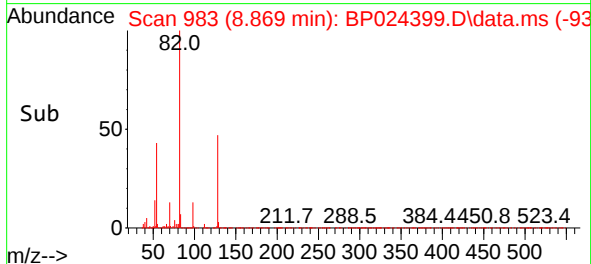
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MS



Tgt Ion: 82 Resp: 104808
Ion Ratio Lower Upper
82 100
128 47.3 36.5 54.7
54 43.1 33.4 50.2

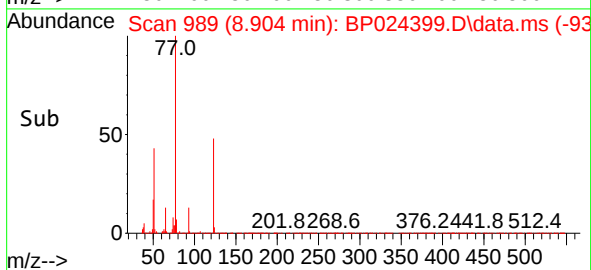
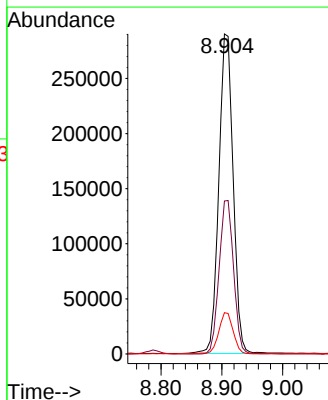
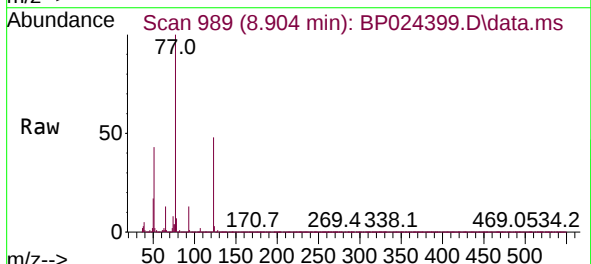
Manual Integrations
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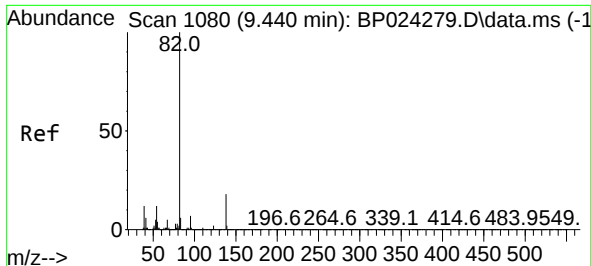
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#24
Nitrobenzene
Concen: 39.300 ng
RT: 8.904 min Scan# 989
Delta R.T. -0.006 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

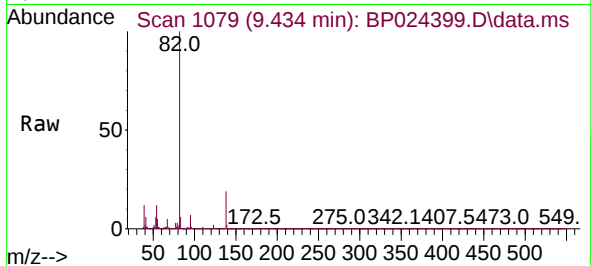
Tgt Ion: 77 Resp: 473712
Ion Ratio Lower Upper
77 100
123 47.8 39.2 58.8
65 12.9 9.8 14.6





#25
Isophorone
Concen: 42.662 ng
RT: 9.434 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

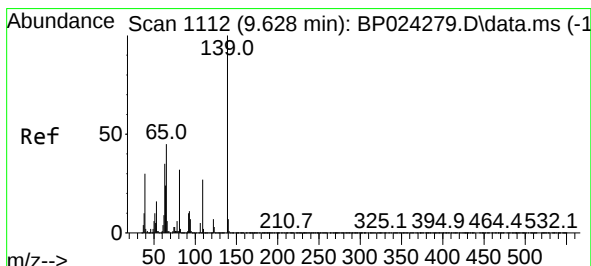
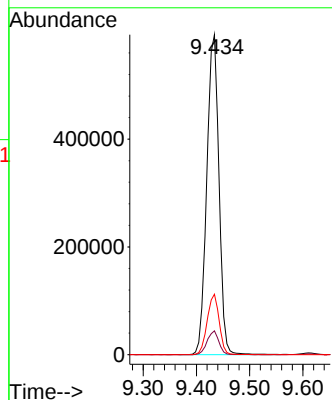
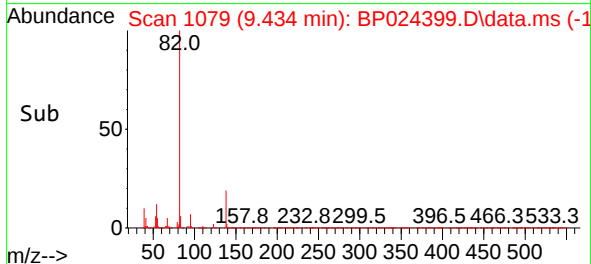
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MS



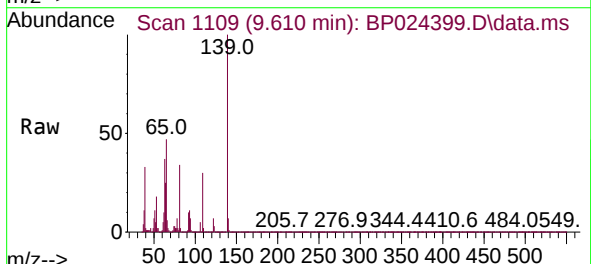
Tgt Ion: 82 Resp: 94093
Ion Ratio Lower Upper
82 100
95 7.5 5.4 8.2
138 18.9 14.4 21.6

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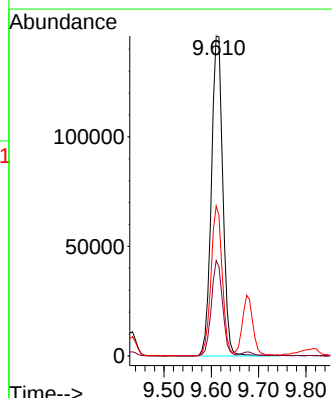
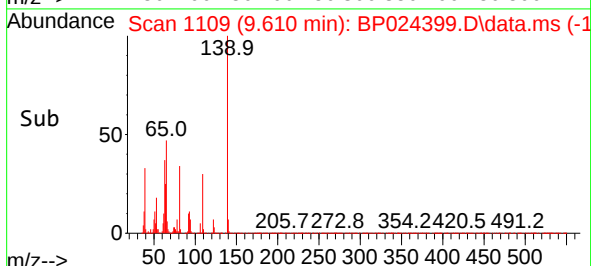
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

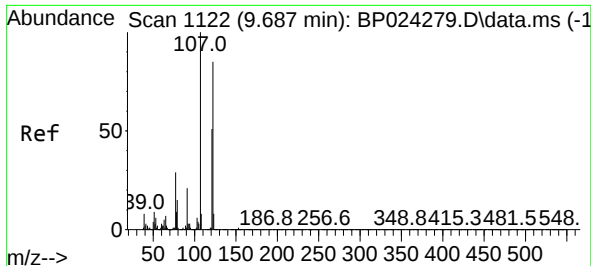


#26
2-Nitrophenol
Concen: 41.654 ng
RT: 9.610 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54



Tgt Ion:139 Resp: 245709
Ion Ratio Lower Upper
139 100
109 29.8 21.8 32.6
65 46.9 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 60.329 ng

RT: 9.681 min Scan# 1122

Delta R.T. -0.000 min

Lab File: BP024399.D

Acq: 23 Apr 2025 16:54

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-08MS

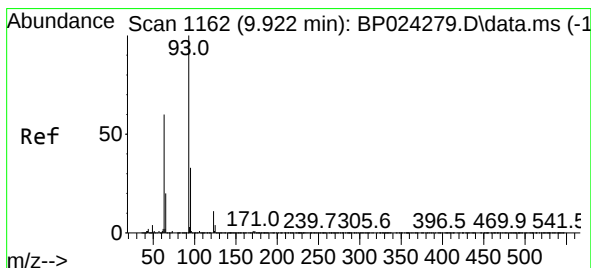
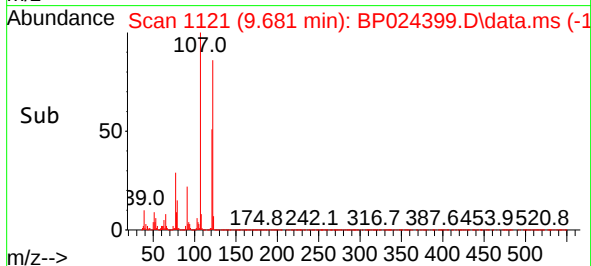
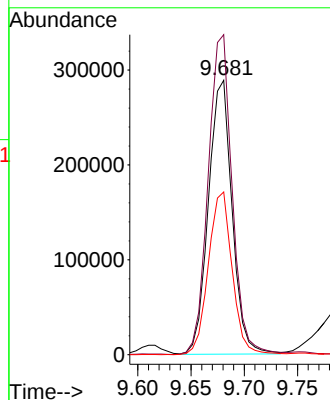
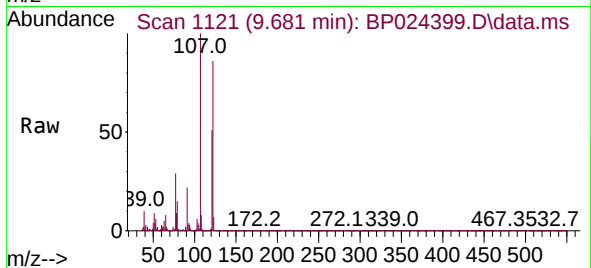
Tgt Ion: 122	Resp: 44684
Ion Ratio	Lower Upper
122 100	
107 116.6	93.7 140.5
121 59.3	48.2 72.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025



#28

bis(2-Chloroethoxy)methane

Concen: 38.871 ng

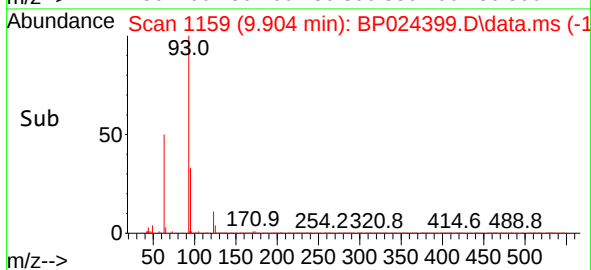
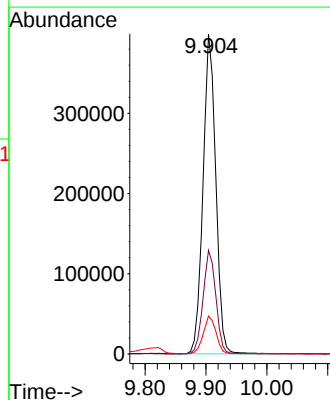
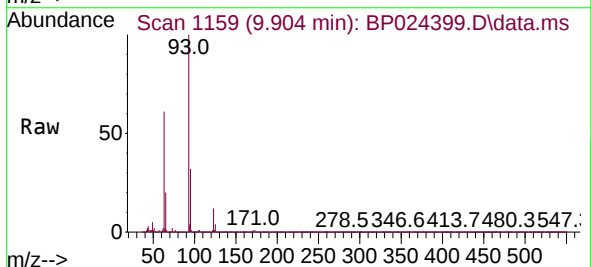
RT: 9.904 min Scan# 1159

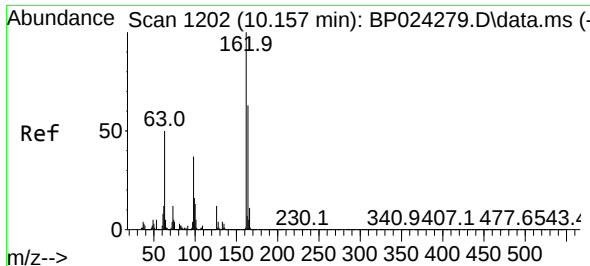
Delta R.T. -0.006 min

Lab File: BP024399.D

Acq: 23 Apr 2025 16:54

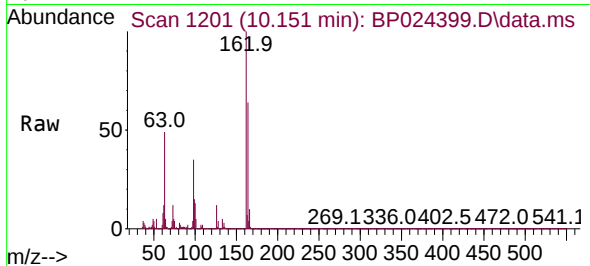
Tgt Ion: 93	Resp: 579146
Ion Ratio	Lower Upper
93 100	
95 32.4	26.0 39.0
123 11.9	9.1 13.7





#29
2,4-Dichlorophenol
Concen: 43.370 ng
RT: 10.151 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

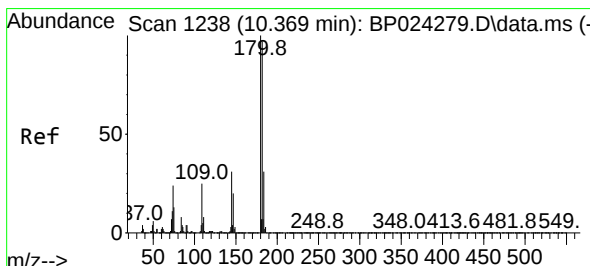
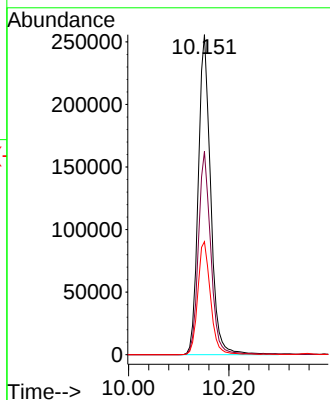
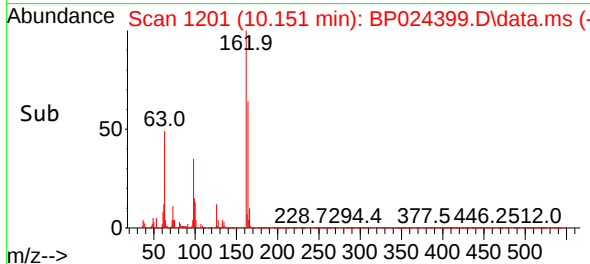
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MS



Tgt Ion:162 Resp: 43799
Ion Ratio Lower Upper
162 100
164 63.5 43.3 83.3
98 35.3 16.6 56.6

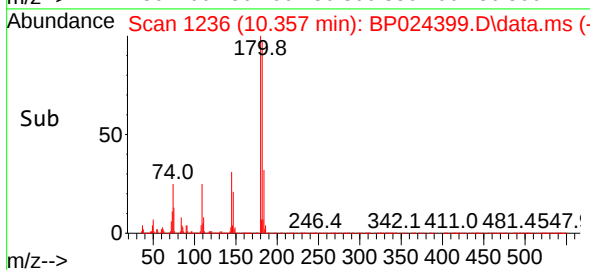
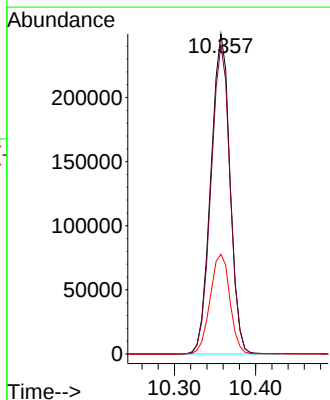
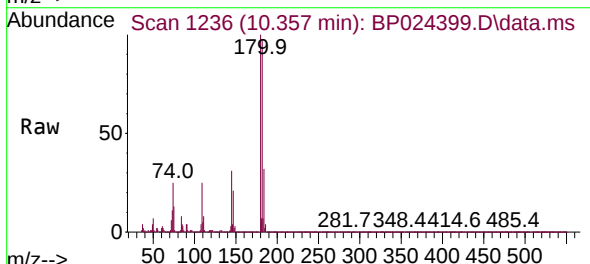
Manual Integrations
APPROVED

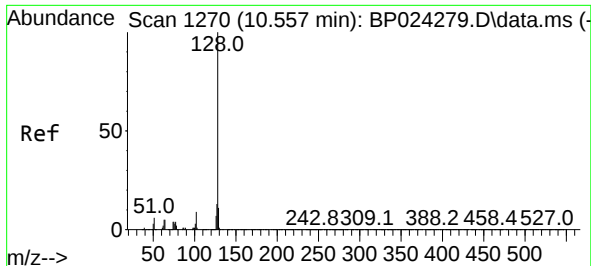
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#30
1,2,4-Trichlorobenzene
Concen: 37.795 ng
RT: 10.357 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

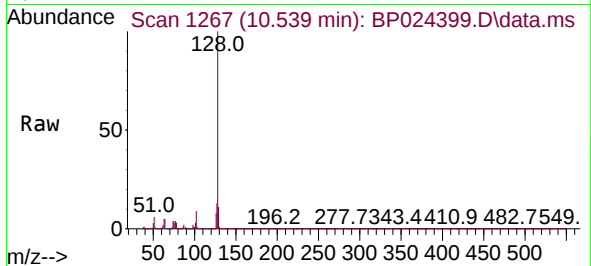
Tgt Ion:180 Resp: 408951
Ion Ratio Lower Upper
180 100
182 96.6 77.3 115.9
145 31.2 25.1 37.7





#31
Naphthalene
Concen: 36.823 ng
RT: 10.539 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

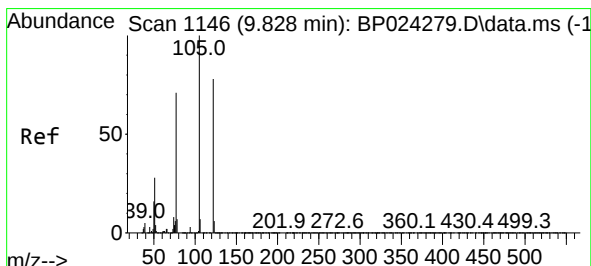
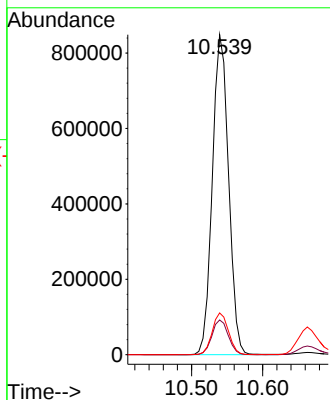
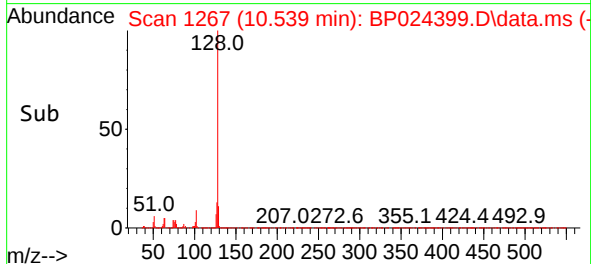
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MS



Tgt Ion:128 Resp: 1347678
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.1 10.3 15.5

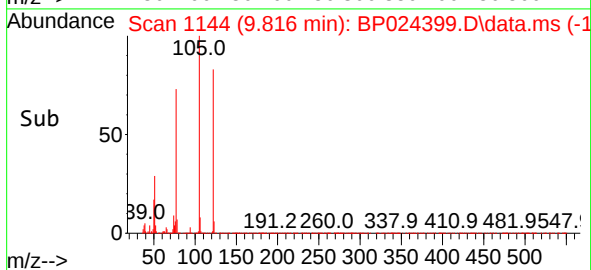
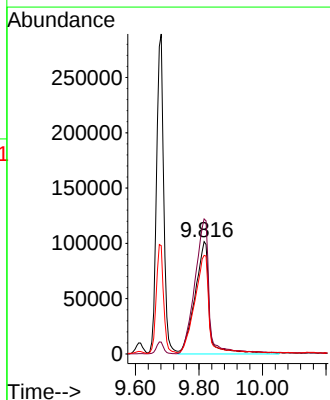
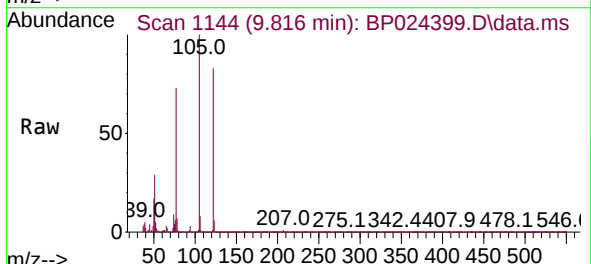
Manual Integrations
APPROVED

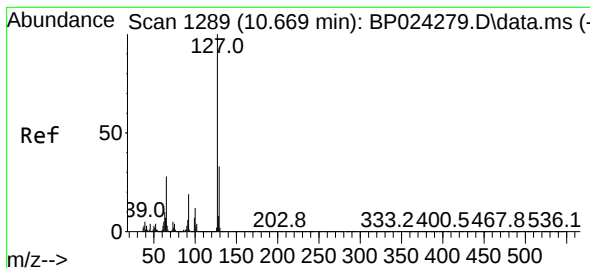
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#32
Benzoic acid
Concen: 37.475 ng m
RT: 9.816 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

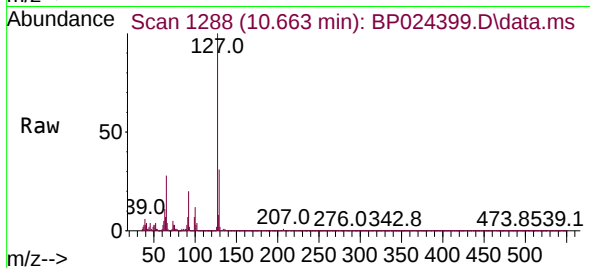
Tgt Ion:122 Resp: 323426
Ion Ratio Lower Upper
122 100
105 120.3 104.8 144.8
77 87.9 69.2 109.2





#33
4-Chloroaniline
Concen: 12.536 ng
RT: 10.663 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

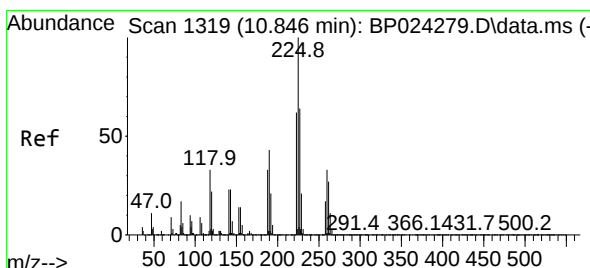
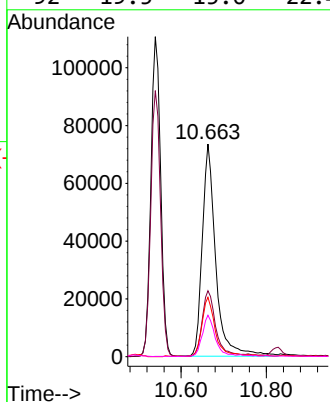
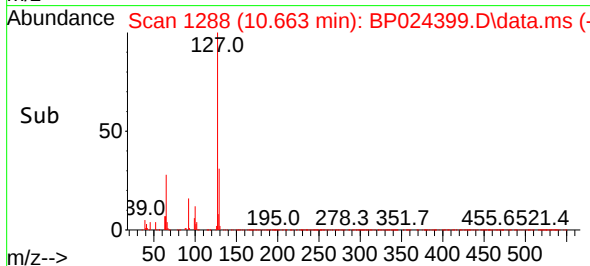
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MS



Tgt Ion:127 Resp: 161579
Ion Ratio Lower Upper
127 100
129 31.0 26.1 39.1
65 28.0 22.1 33.1
92 19.5 15.0 22.4

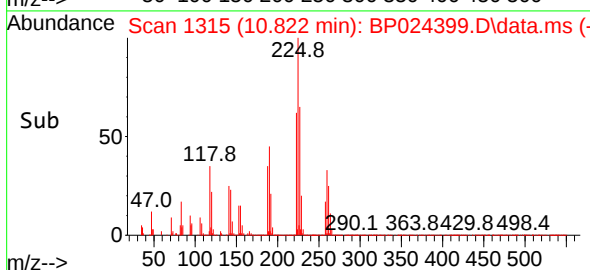
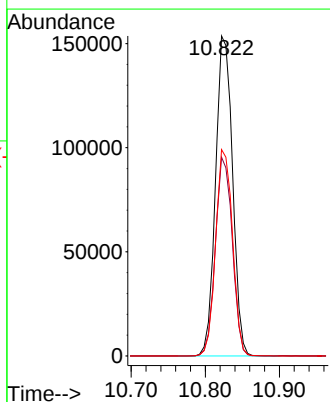
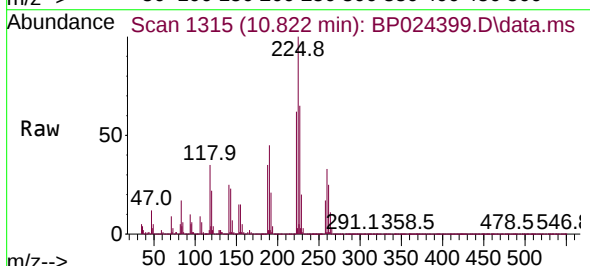
Manual Integrations
APPROVED

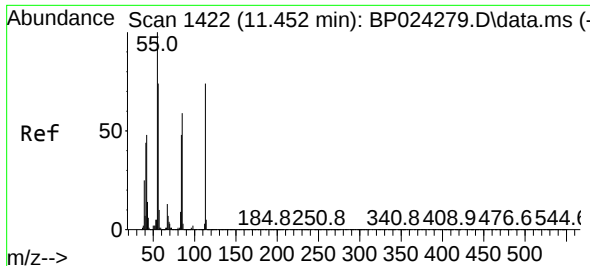
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#34
Hexachlorobutadiene
Concen: 38.409 ng
RT: 10.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

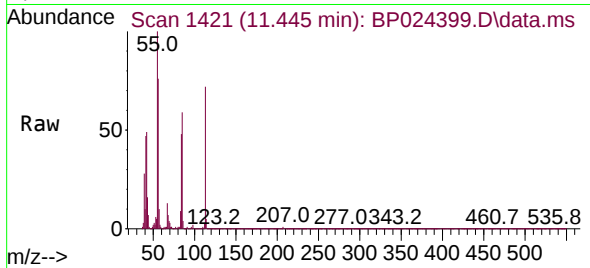
Tgt Ion:225 Resp: 244217
Ion Ratio Lower Upper
225 100
223 62.1 49.5 74.3
227 64.5 50.9 76.3





#35
Caprolactam
Concen: 35.500 ng
RT: 11.445 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

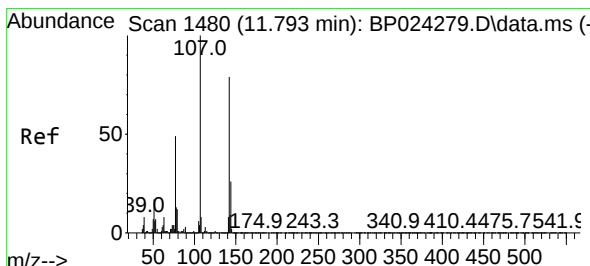
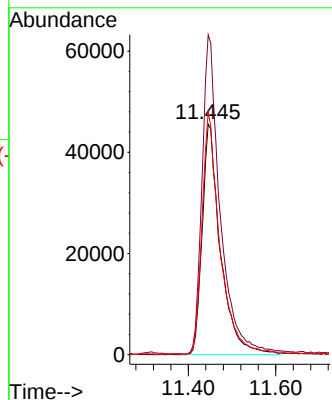
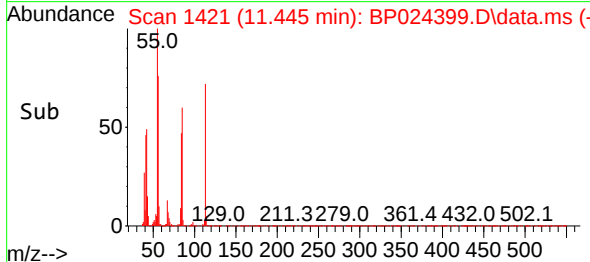
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MS



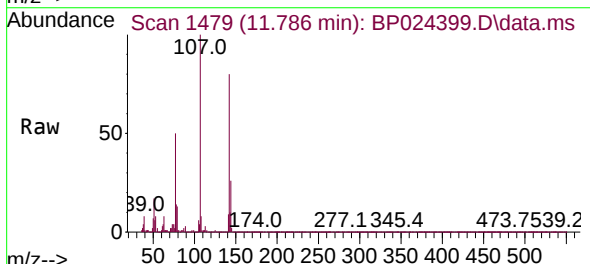
Tgt Ion:113 Resp: 132288
Ion Ratio Lower Upper
113 100
55 138.8 115.9 155.9
56 105.2 81.1 121.1

Manual Integrations
APPROVED

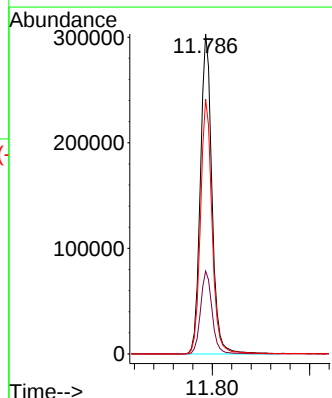
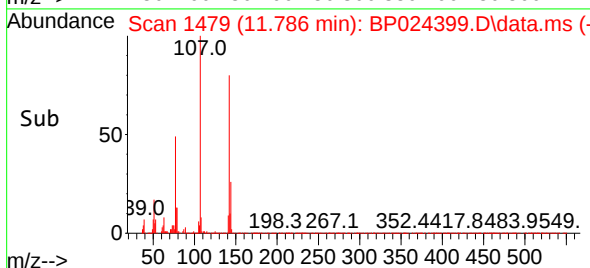
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

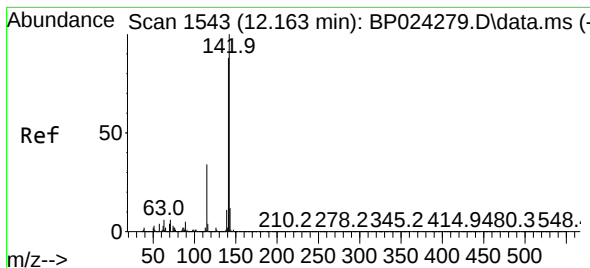


#36
4-Chloro-3-methylphenol
Concen: 42.514 ng
RT: 11.786 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54



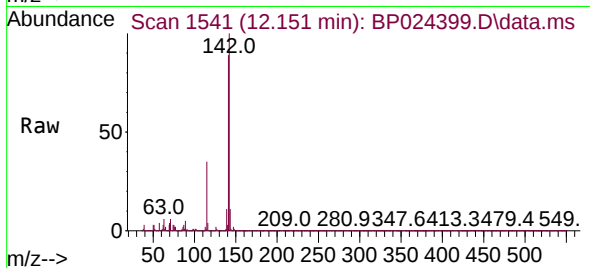
Tgt Ion:107 Resp: 500091
Ion Ratio Lower Upper
107 100
144 25.9 20.5 30.7
142 79.6 63.4 95.2





#37
2-Methylnaphthalene
Concen: 34.923 ng
RT: 12.151 min Scan# 1541
Delta R.T. -0.006 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

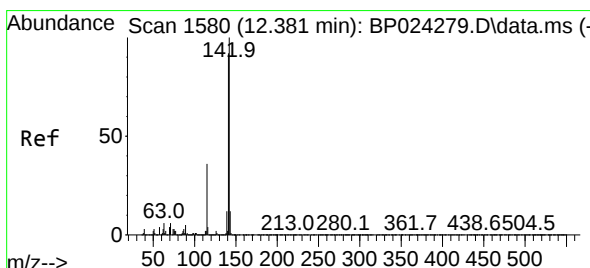
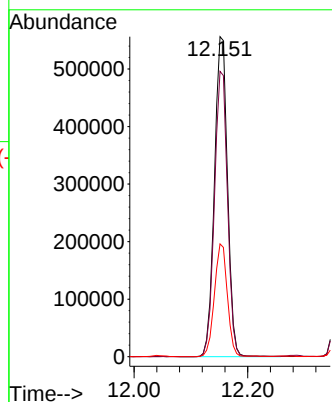
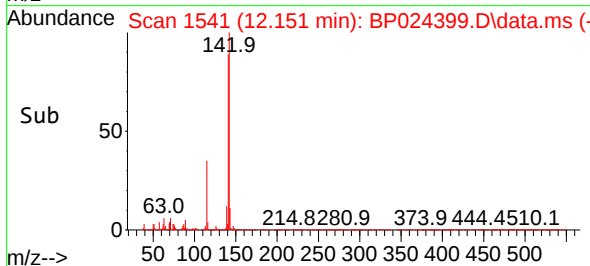
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MS



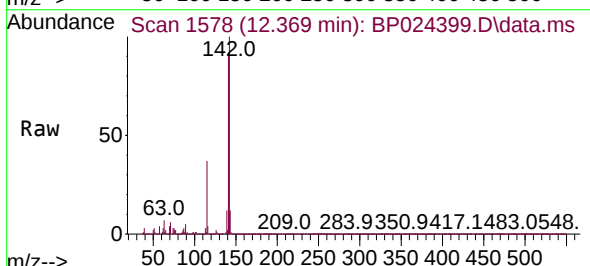
Tgt Ion:142 Resp: 886432
Ion Ratio Lower Upper
142 100
141 89.1 70.3 105.5
115 35.3 26.9 40.3

Manual Integrations
APPROVED

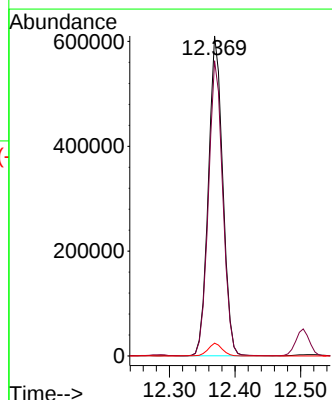
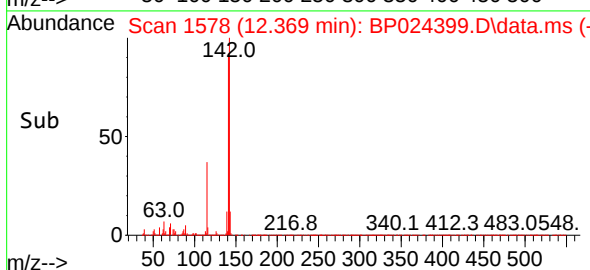
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

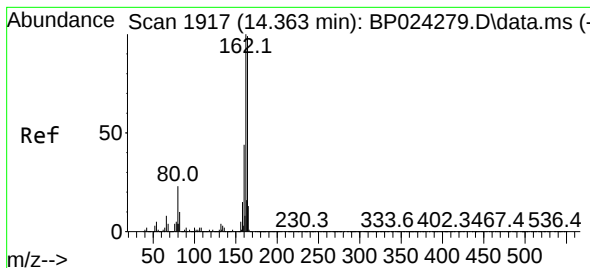


#38
1-Methylnaphthalene
Concen: 37.473 ng
RT: 12.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54



Tgt Ion:142 Resp: 930494
Ion Ratio Lower Upper
142 100
141 92.3 73.6 110.4
116 4.0 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.345 min Scan# 1914

Delta R.T. -0.006 min

Lab File: BP024399.D

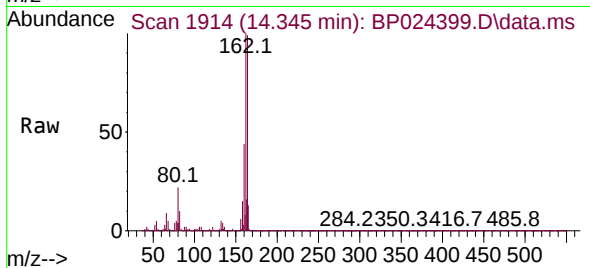
Acq: 23 Apr 2025 16:54

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-08MS



Tgt Ion:164 Resp: 411588

Ion Ratio Lower Upper

164 100

162 101.5 80.6 120.8

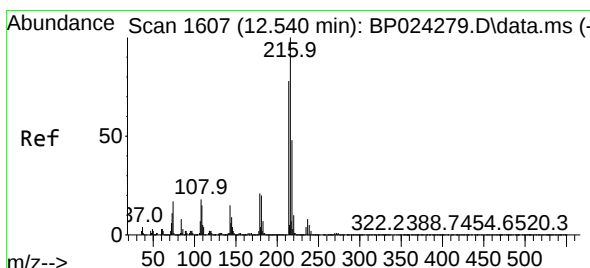
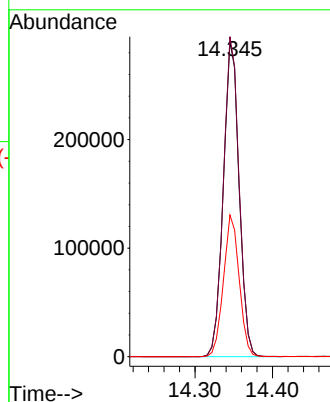
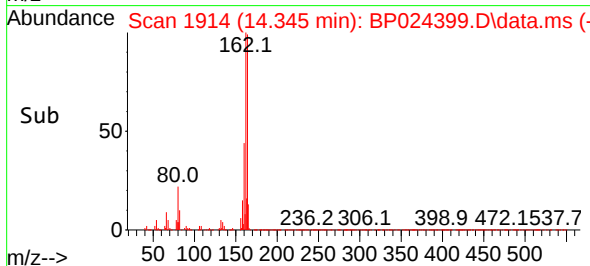
160 44.9 35.3 52.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.031 ng

RT: 12.522 min Scan# 1604

Delta R.T. -0.006 min

Lab File: BP024399.D

Acq: 23 Apr 2025 16:54

Tgt Ion:216 Resp: 487062

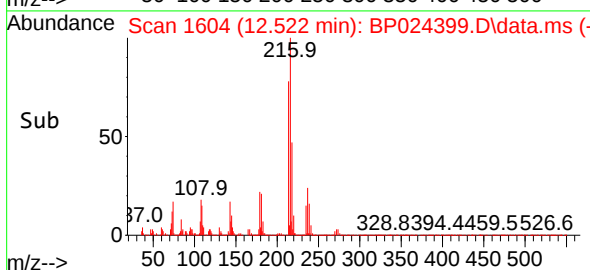
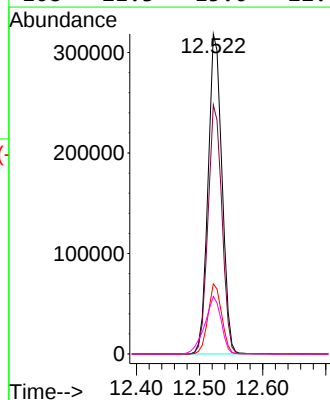
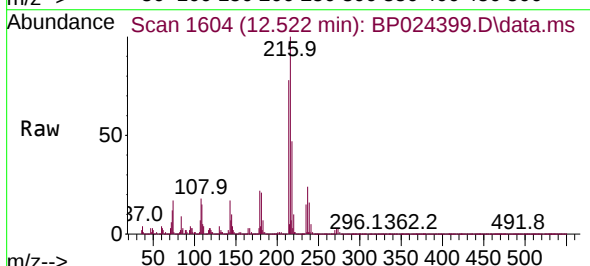
Ion Ratio Lower Upper

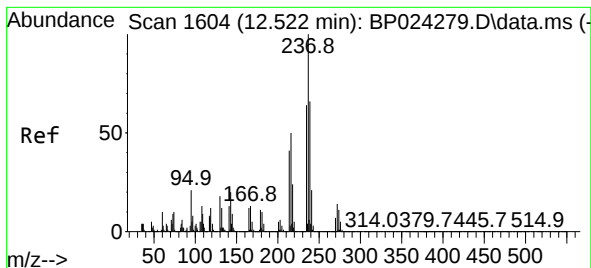
216 100

214 78.1 62.6 93.8

179 21.7 17.2 25.8

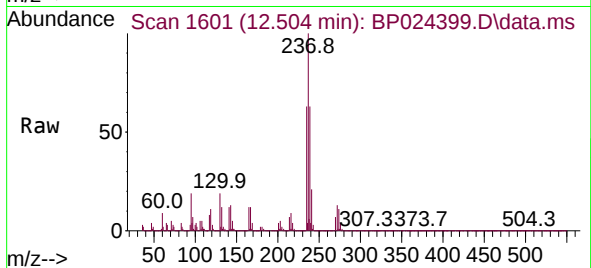
108 21.3 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 150.760 ng
RT: 12.504 min Scan# 1601
Delta R.T. -0.006 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

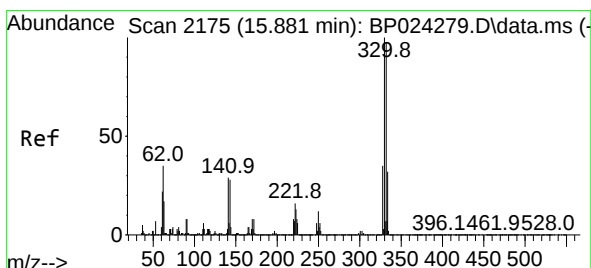
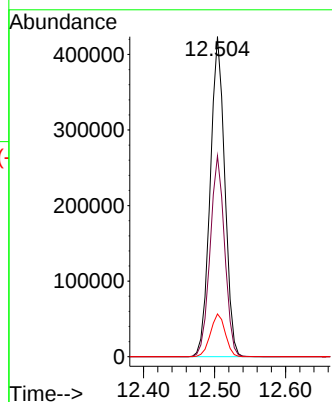
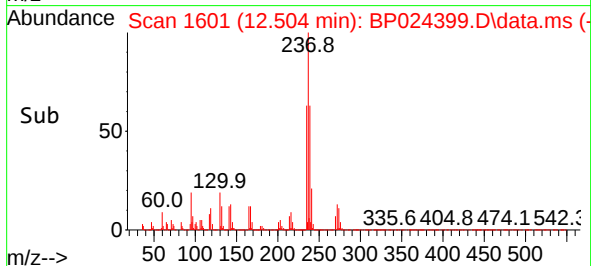
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MS



Tgt Ion: 237 Resp: 603514
Ion Ratio Lower Upper
237 100
235 62.8 43.9 83.9
272 13.4 0.0 33.6

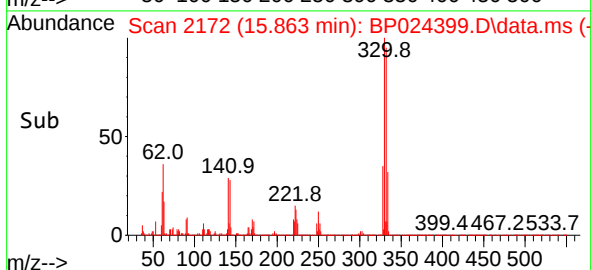
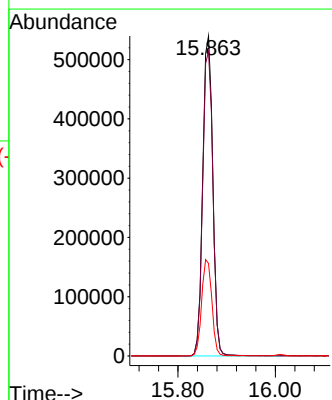
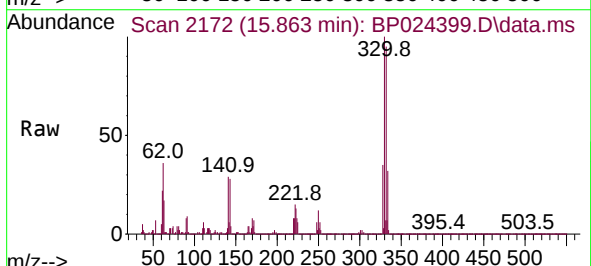
Manual Integrations
APPROVED

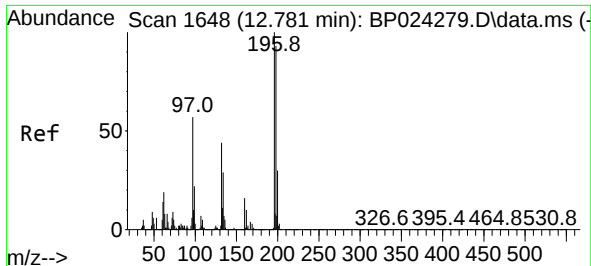
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#42
2,4,6-Tribromophenol
Concen: 135.784 ng
RT: 15.863 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

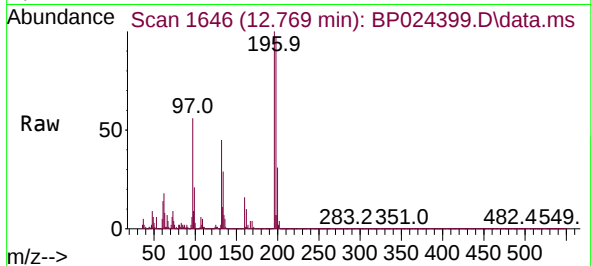
Tgt Ion: 330 Resp: 773229
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 30.7 24.7 37.1





#43
2,4,6-Trichlorophenol
Concen: 46.429 ng
RT: 12.769 min Scan# 1646
Delta R.T. -0.006 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

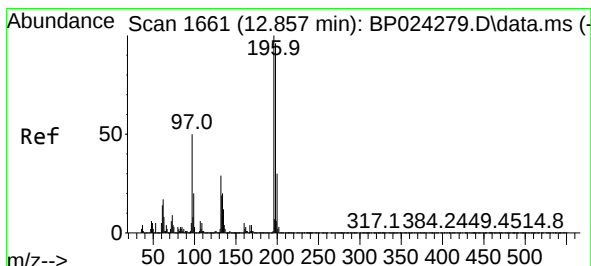
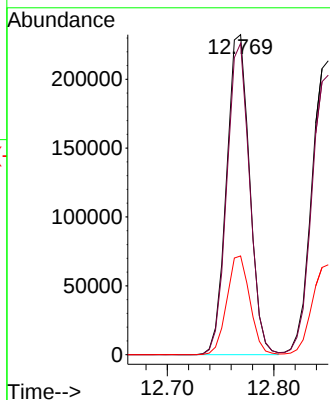
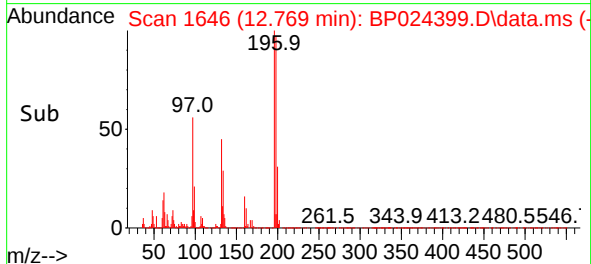
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MS



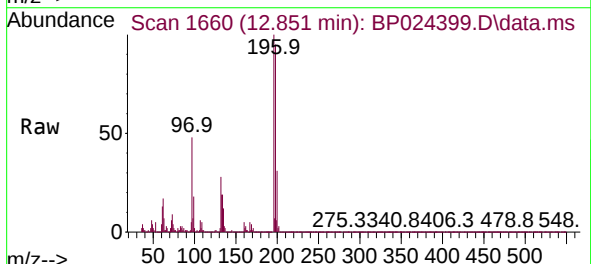
Tgt Ion:196 Resp: 349390
Ion Ratio Lower Upper
196 100
198 97.3 74.3 111.5
200 30.9 24.0 36.0

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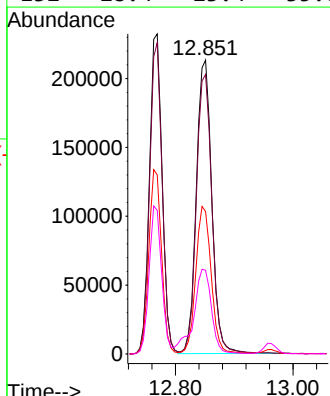
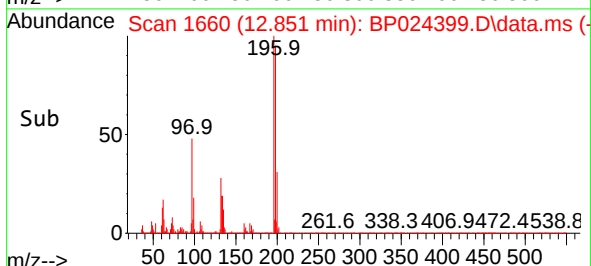
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

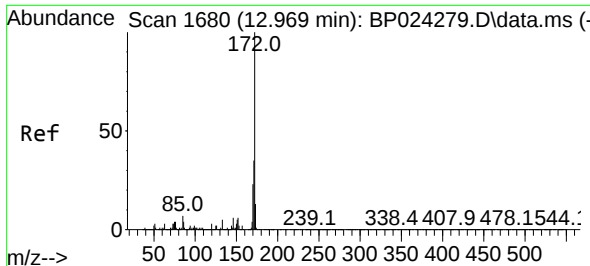


#44
2,4,5-Trichlorophenol
Concen: 46.827 ng
RT: 12.851 min Scan# 1660
Delta R.T. -0.006 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54



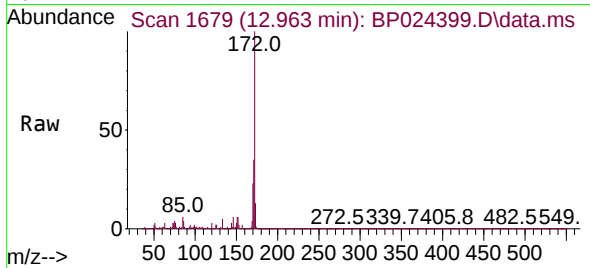
Tgt Ion:196 Resp: 390227
Ion Ratio Lower Upper
196 100
198 95.1 77.3 115.9
97 48.4 40.4 60.6
132 28.4 23.4 35.0





#45
2-Fluorobiphenyl
Concen: 86.819 ng
RT: 12.963 min Scan# 1713
Delta R.T. -0.000 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

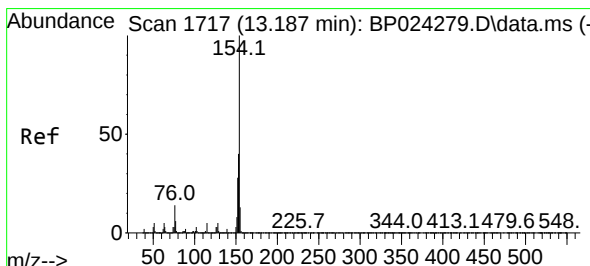
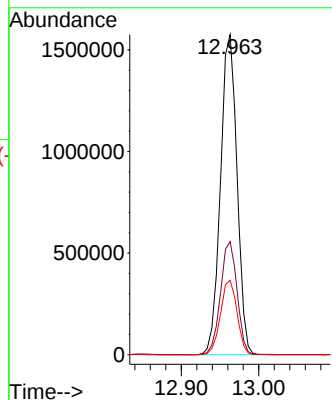
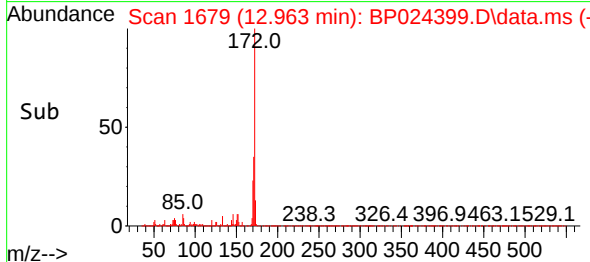
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MS



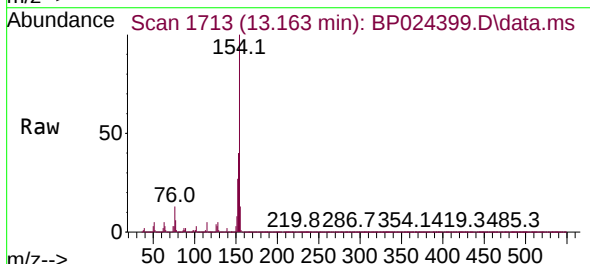
Tgt Ion:172 Resp: 2333834
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.3 18.6 27.8

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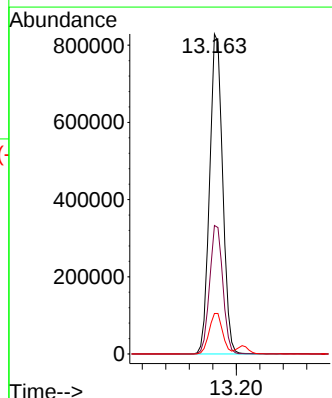
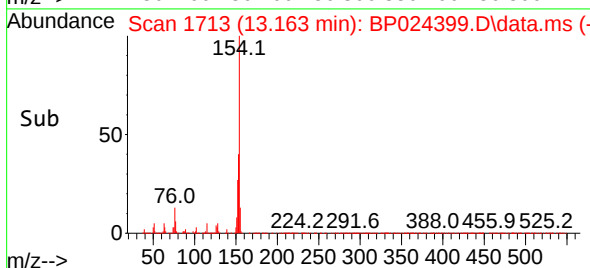
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

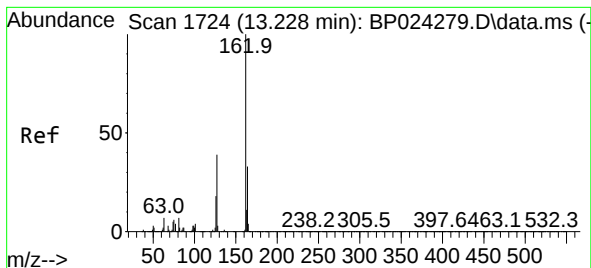


#46
1,1'-Biphenyl
Concen: 42.156 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.012 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54



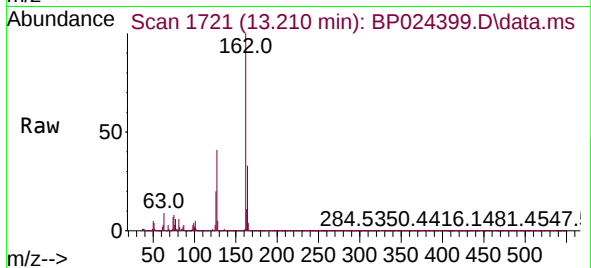
Tgt Ion:154 Resp: 1275390
Ion Ratio Lower Upper
154 100
153 40.2 20.3 60.3
76 12.6 0.0 33.5





#47
2-Chloronaphthalene
Concen: 42.630 ng
RT: 13.210 min Scan# 1721
Delta R.T. -0.006 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

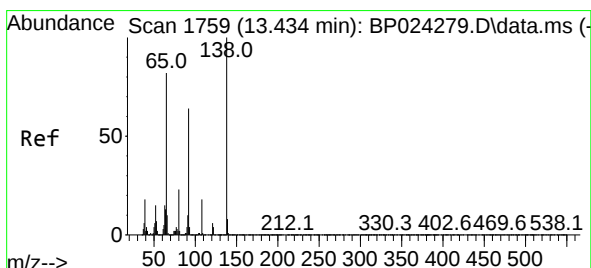
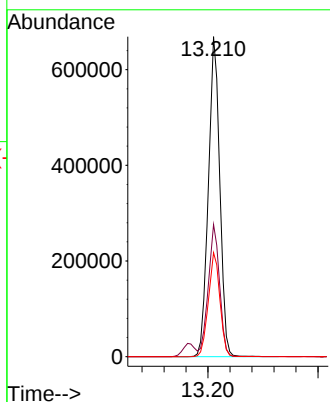
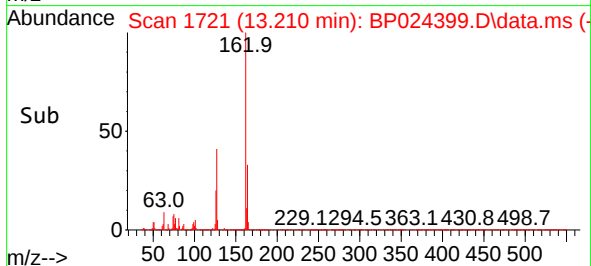
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MS



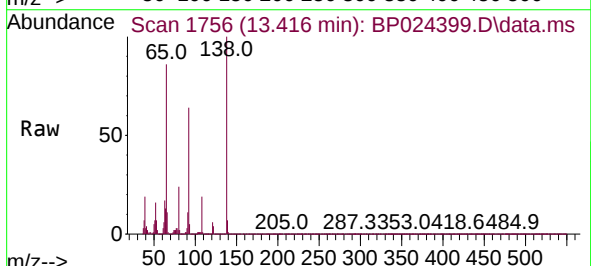
Tgt Ion:162 Resp: 96392
Ion Ratio Lower Upper
162 100
127 41.3 31.9 47.9
164 32.5 26.2 39.4

Manual Integrations
APPROVED

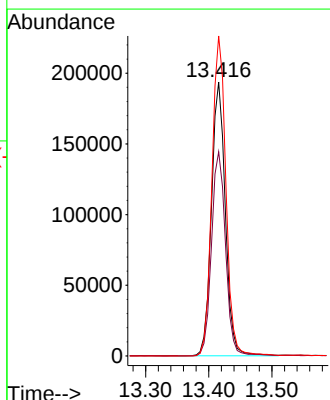
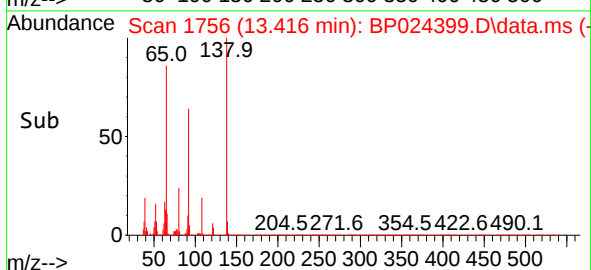
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

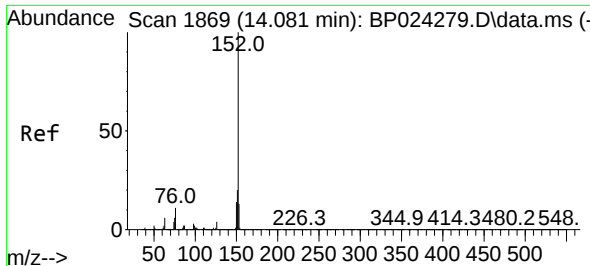


#48
2-Nitroaniline
Concen: 46.625 ng
RT: 13.416 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54



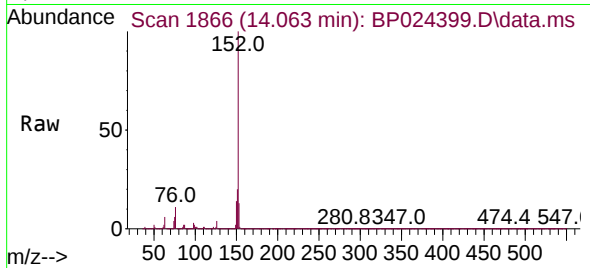
Tgt Ion: 65 Resp: 295721
Ion Ratio Lower Upper
65 100
92 74.5 62.3 93.5
138 116.8 97.2 145.8





#49
Acenaphthylene
Concen: 46.157 ng
RT: 14.063 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

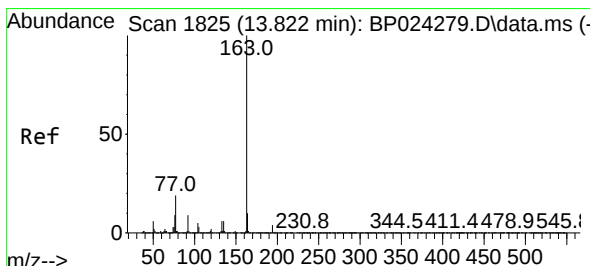
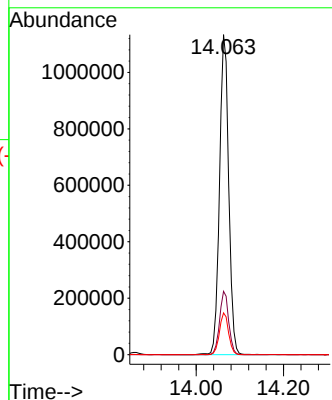
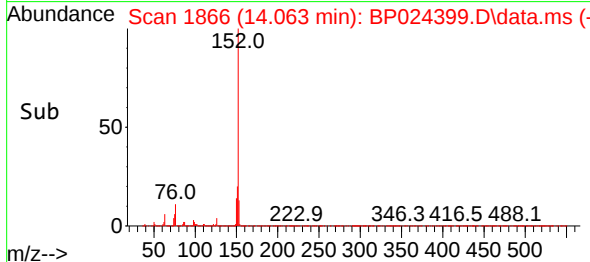
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MS



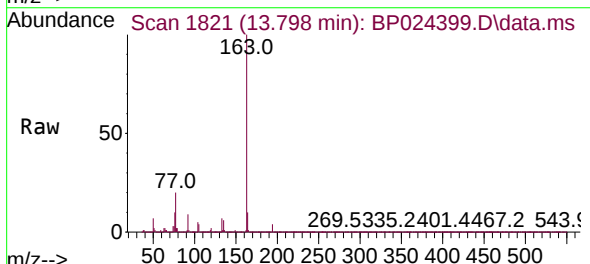
Tgt Ion:152 Resp: 164317
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.1 10.6 15.8

Manual Integrations
APPROVED

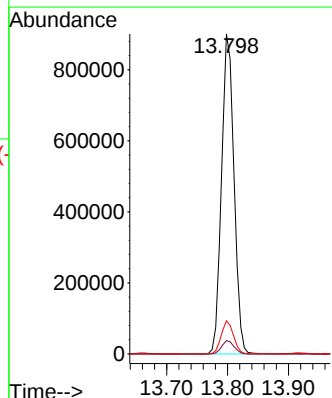
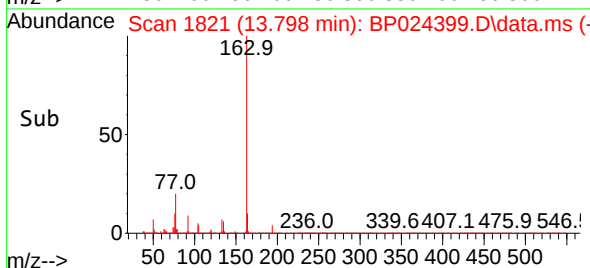
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

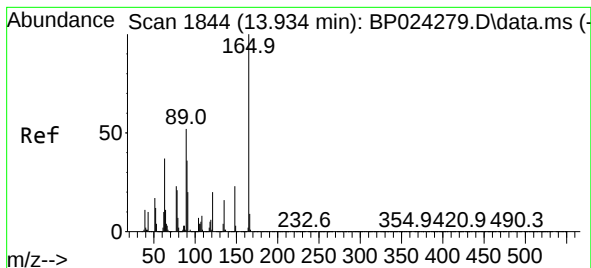


#50
Dimethylphthalate
Concen: 42.802 ng
RT: 13.798 min Scan# 1821
Delta R.T. -0.012 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54



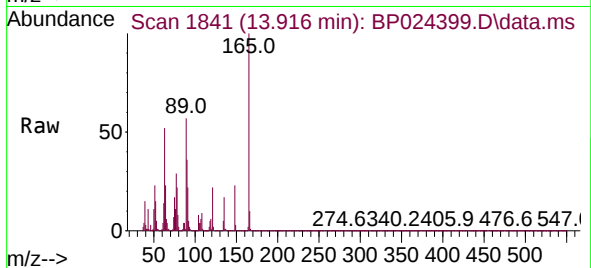
Tgt Ion:163 Resp: 1281134
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.4 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 44.431 ng
RT: 13.916 min Scan# 1841
Delta R.T. -0.012 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

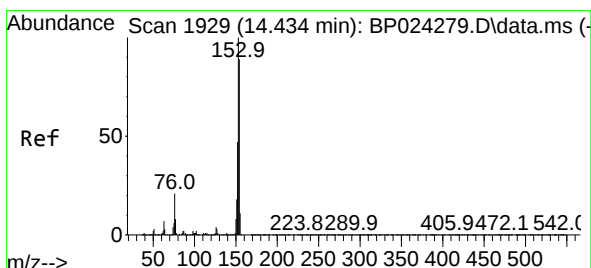
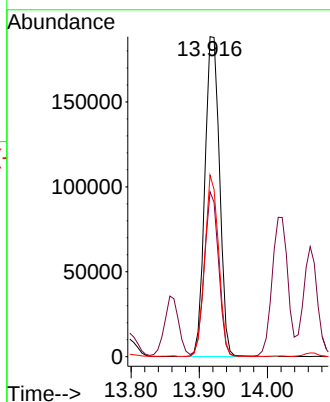
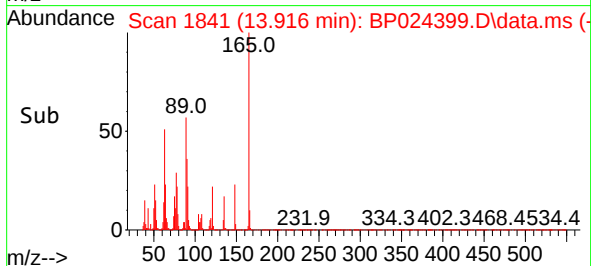
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MS



Tgt Ion:165 Resp: 28240
Ion Ratio Lower Upper
165 100
63 51.6 38.0 57.0
89 56.7 41.7 62.5

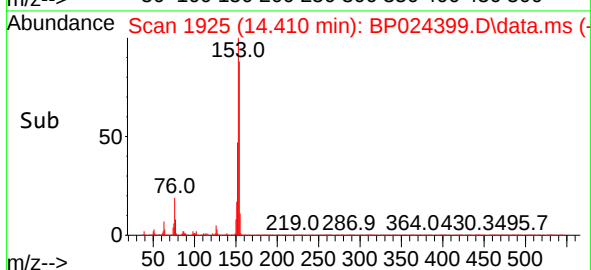
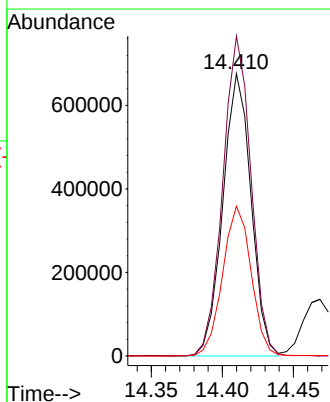
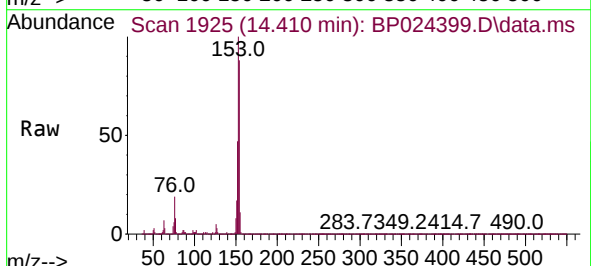
Manual Integrations
APPROVED

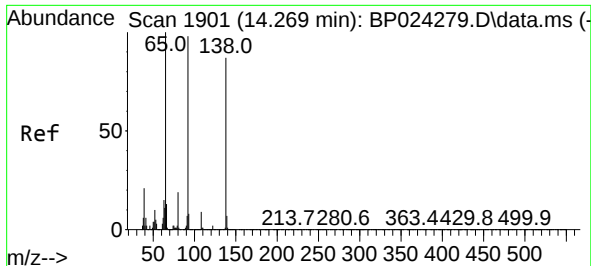
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#52
Acenaphthene
Concen: 41.288 ng
RT: 14.410 min Scan# 1925
Delta R.T. -0.012 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

Tgt Ion:154 Resp: 931845
Ion Ratio Lower Upper
154 100
153 113.4 89.8 134.6
152 53.0 42.6 63.8





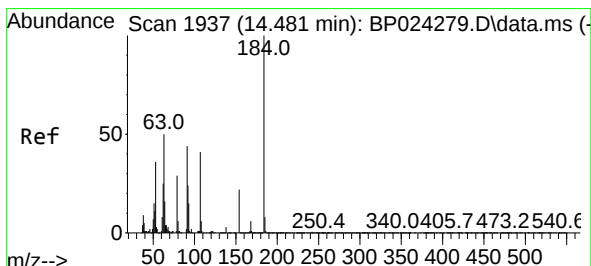
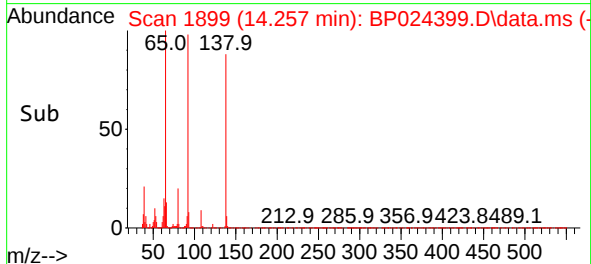
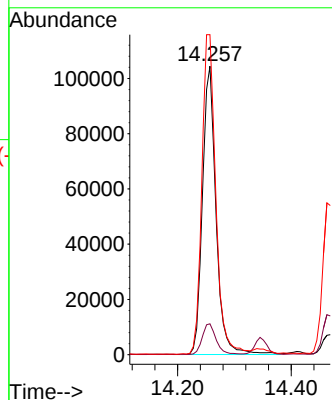
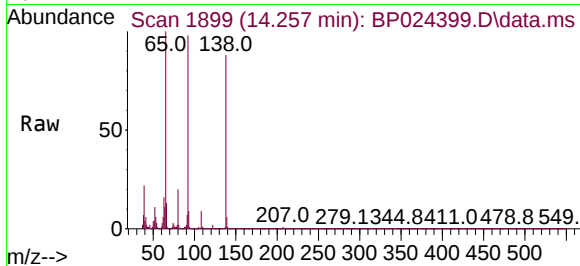
#53
3-Nitroaniline
Concen: 25.920 ng
RT: 14.257 min Scan# 1899
Delta R.T. -0.006 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

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

Tgt Ion:138 Resp: 17314
Ion Ratio Lower Upper
138 100
108 10.7 8.3 12.5
92 110.9 89.8 134.8

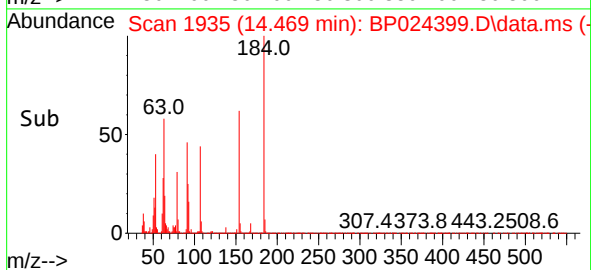
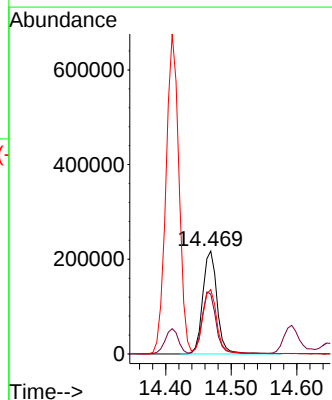
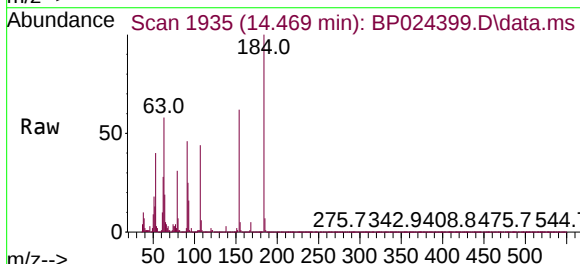
Manual Integrations
APPROVED

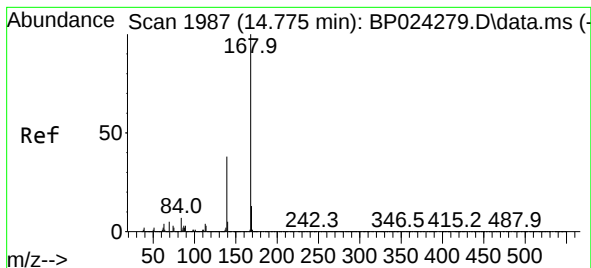
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#54
2,4-Dinitrophenol
Concen: 88.645 ng
RT: 14.469 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

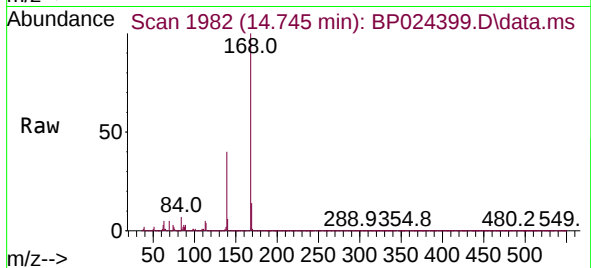
Tgt Ion:184 Resp: 331879
Ion Ratio Lower Upper
184 100
63 58.1 42.6 64.0
154 62.5 47.2 70.8





#55
Dibenzofuran
Concen: 40.357 ng
RT: 14.745 min Scan# 1982
Delta R.T. -0.012 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

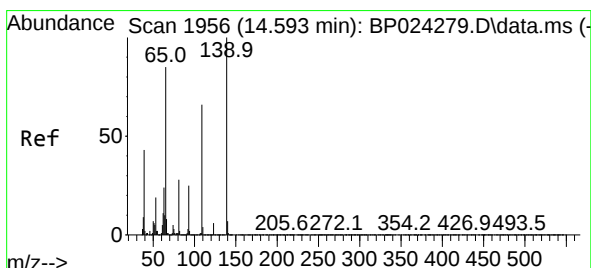
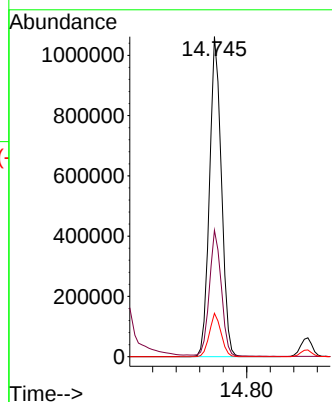
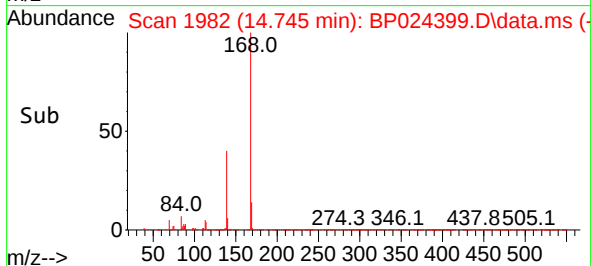
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MS



Tgt Ion:168 Resp: 1488810
Ion Ratio Lower Upper
168 100
139 39.5 30.3 45.5
169 13.5 10.6 16.0

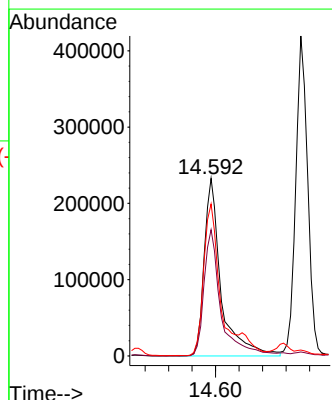
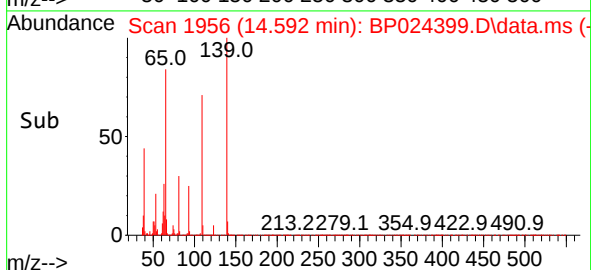
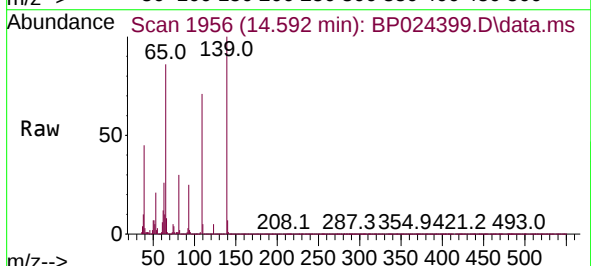
Manual Integrations
APPROVED

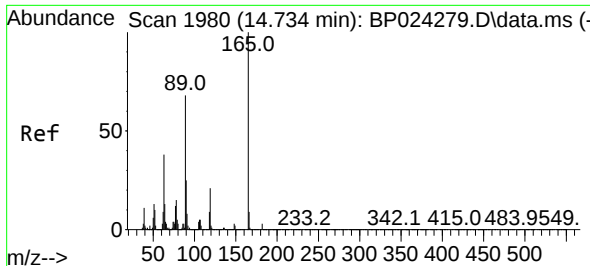
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#56
4-Nitrophenol
Concen: 80.709 ng
RT: 14.592 min Scan# 1956
Delta R.T. -0.000 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

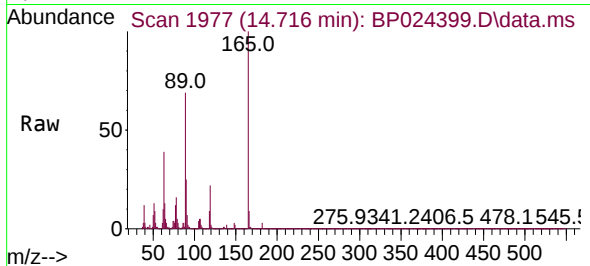
Tgt Ion:139 Resp: 465635
Ion Ratio Lower Upper
139 100
109 71.1 46.1 86.1
65 85.6 65.0 105.0





#57
2,4-Dinitrotoluene
Concen: 46.148 ng
RT: 14.716 min Scan# 1980
Delta R.T. -0.006 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

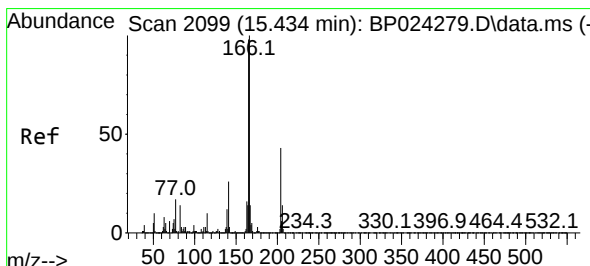
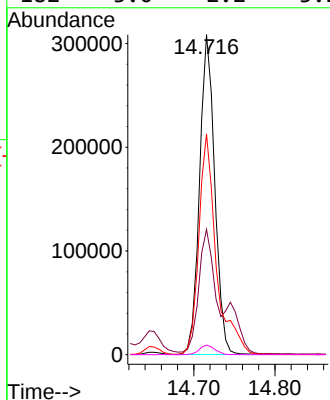
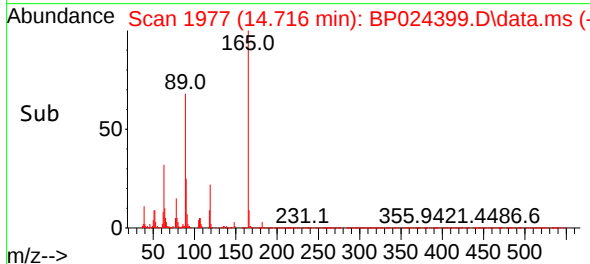
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MS



Tgt Ion:165 Resp: 400109
Ion Ratio Lower Upper
165 100
63 39.1 30.4 45.6
89 69.0 54.6 82.0
182 3.0 2.2 3.2

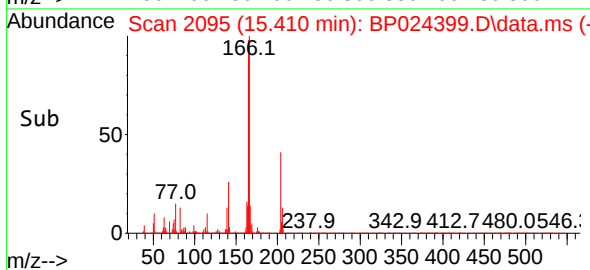
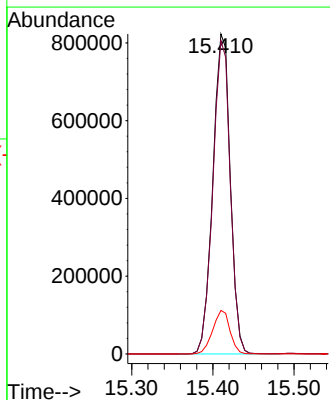
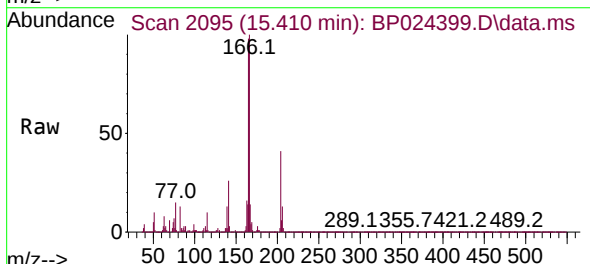
Manual Integrations
APPROVED

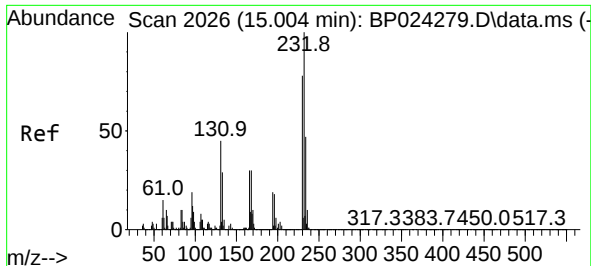
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#58
Fluorene
Concen: 43.088 ng
RT: 15.410 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

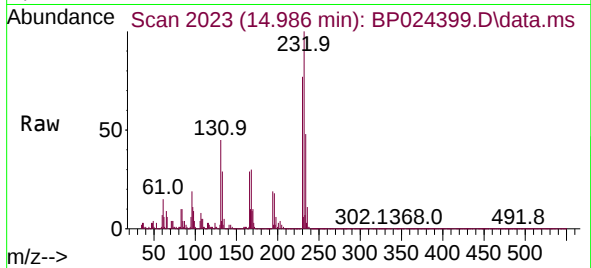
Tgt Ion:166 Resp: 1230532
Ion Ratio Lower Upper
166 100
165 98.0 78.1 117.1
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.916 ng
RT: 14.986 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

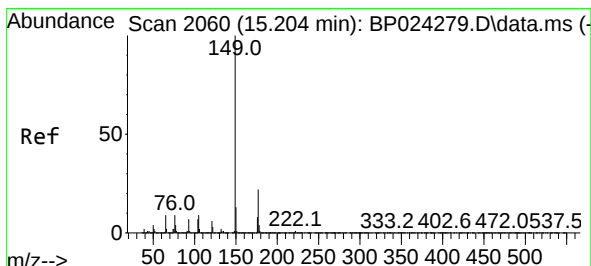
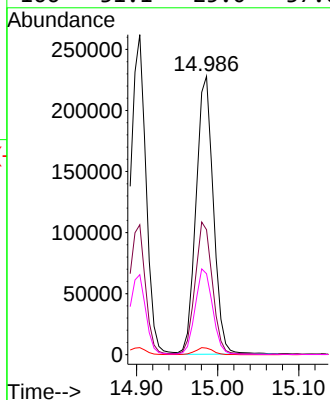
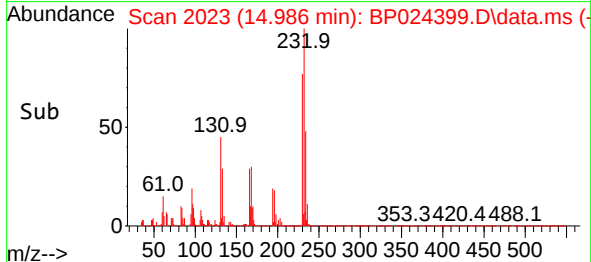
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MS



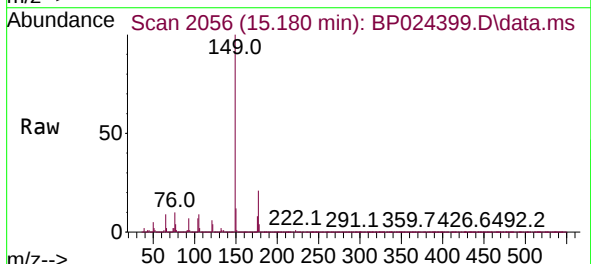
Tgt Ion:232 Resp: 33753
Ion Ratio Lower Upper
232 100
131 47.7 36.8 55.2
130 2.5 1.9 2.9
166 31.1 25.0 37.6

Manual Integrations
APPROVED

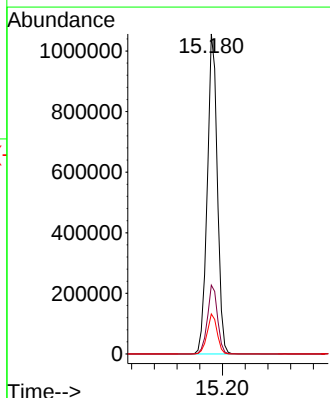
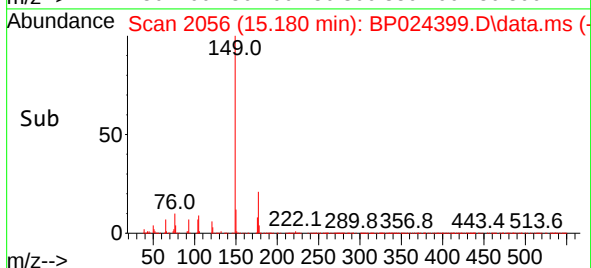
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

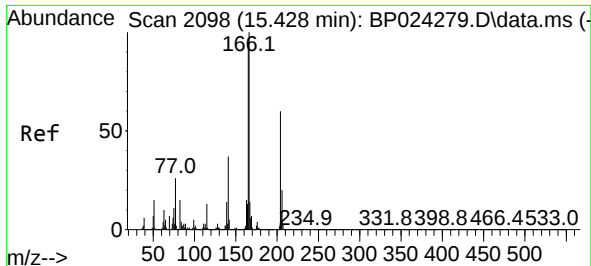


#60
Diethylphthalate
Concen: 41.709 ng
RT: 15.180 min Scan# 2056
Delta R.T. -0.012 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54



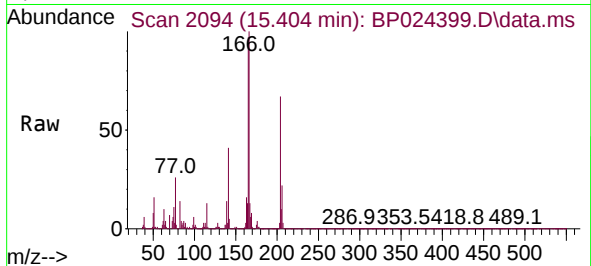
Tgt Ion:149 Resp: 1286527
Ion Ratio Lower Upper
149 100
177 21.5 17.4 26.2
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 43.271 ng
RT: 15.404 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

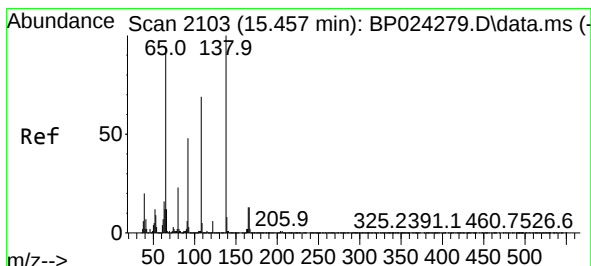
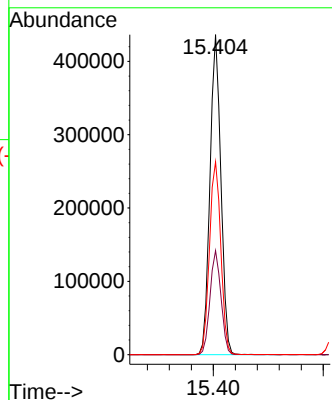
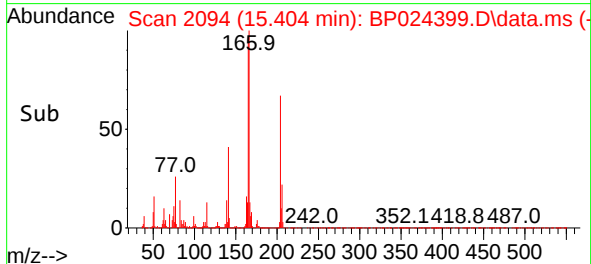
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MS



Tgt Ion:204 Resp: 600090
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 60.2 49.4 74.0

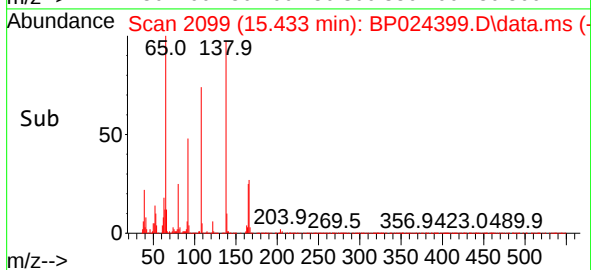
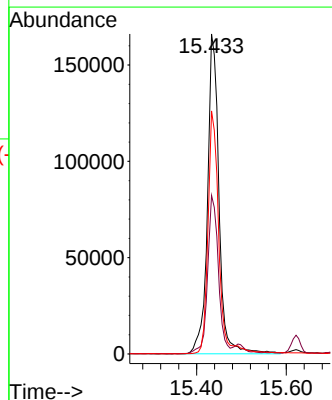
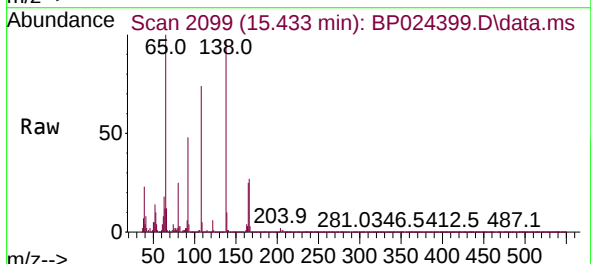
Manual Integrations
APPROVED

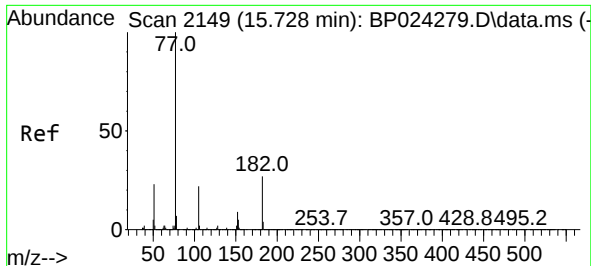
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#62
4-Nitroaniline
Concen: 41.915 ng
RT: 15.433 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

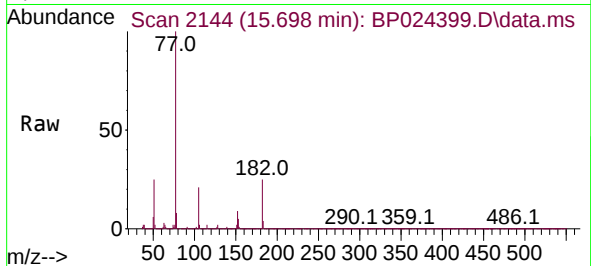
Tgt Ion:138 Resp: 296407
Ion Ratio Lower Upper
138 100
92 49.6 27.8 67.8
108 76.0 48.9 88.9





#63
Azobenzene
Concen: 40.702 ng
RT: 15.698 min Scan# 2149
Delta R.T. -0.012 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

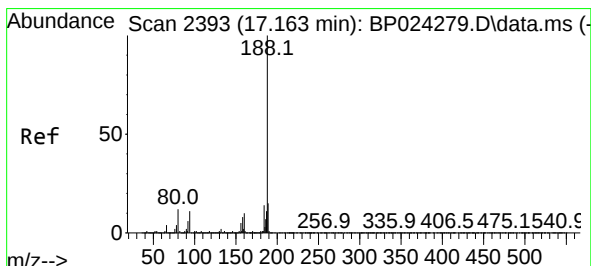
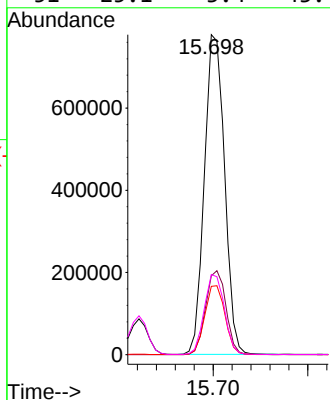
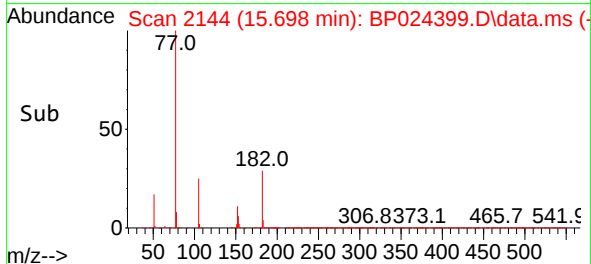
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MS



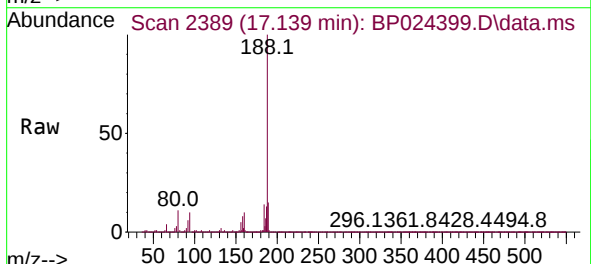
Tgt Ion: 77 Resp: 1153919
Ion Ratio Lower Upper
77 100
182 24.7 7.3 47.3
105 21.4 2.3 42.3
51 25.1 3.4 43.4

Manual Integrations
APPROVED

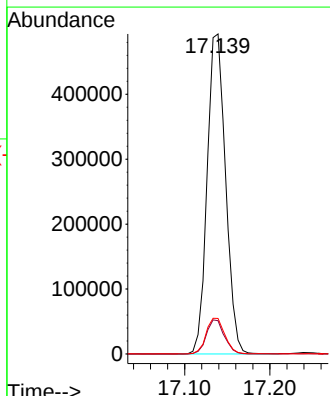
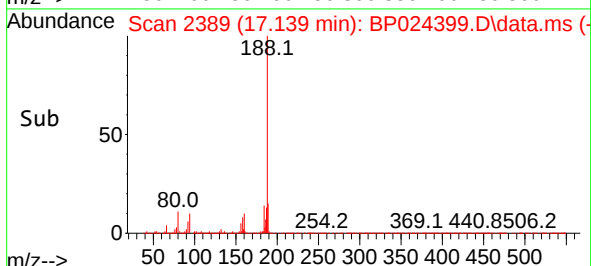
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

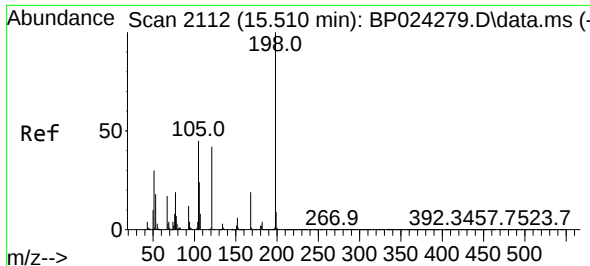


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2389
Delta R.T. -0.006 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54



Tgt Ion:188 Resp: 741068
Ion Ratio Lower Upper
188 100
94 10.4 8.6 13.0
80 11.1 9.8 14.6





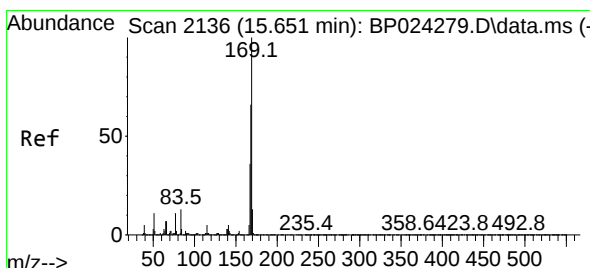
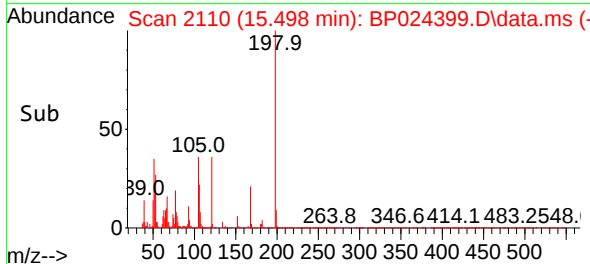
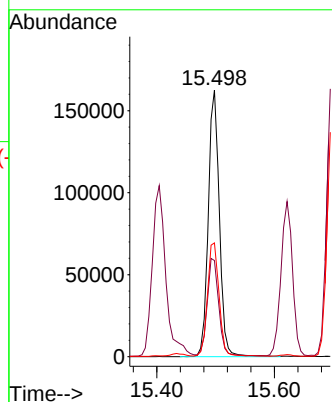
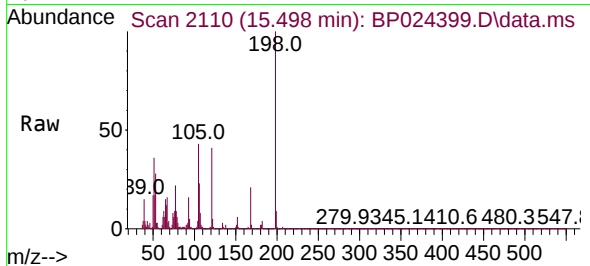
#65
4,6-Dinitro-2-methylphenol
Concen: 45.535 ng
RT: 15.498 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

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

Tgt Ion:198 Resp: 212748
Ion Ratio Lower Upper
198 100
51 36.1 18.4 58.4
105 42.7 26.5 66.5

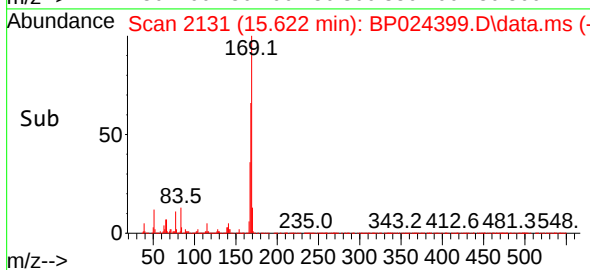
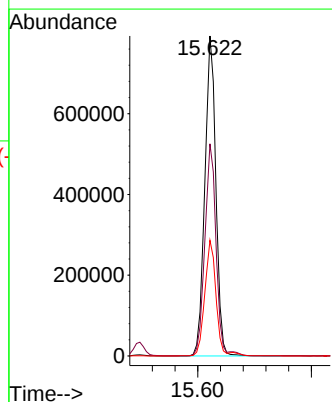
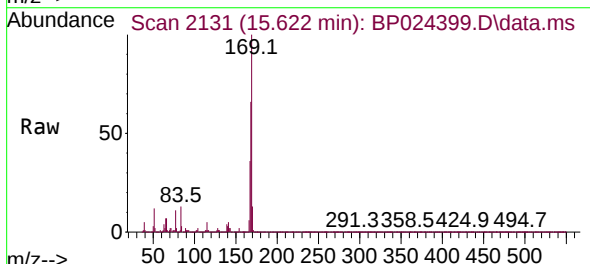
Manual Integrations
APPROVED

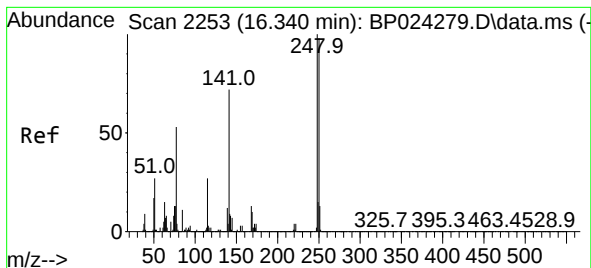
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#66
n-Nitrosodiphenylamine
Concen: 48.096 ng
RT: 15.622 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

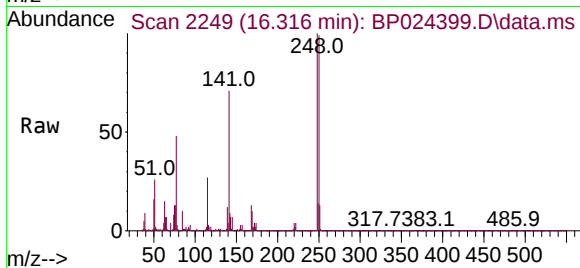
Tgt Ion:169 Resp: 1063854
Ion Ratio Lower Upper
169 100
168 66.3 53.0 79.4
167 36.2 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 47.809 ng
RT: 16.316 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

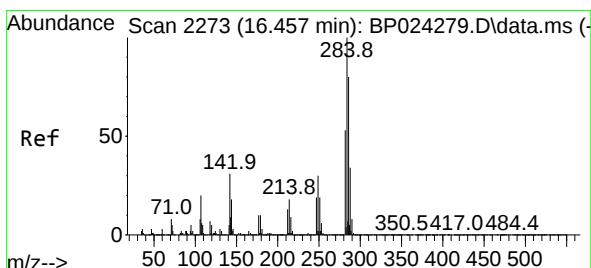
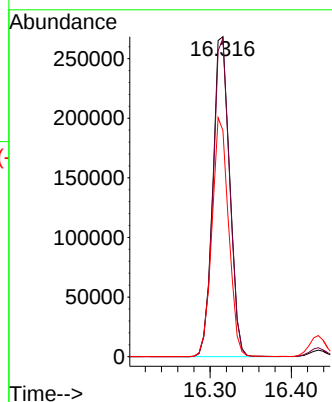
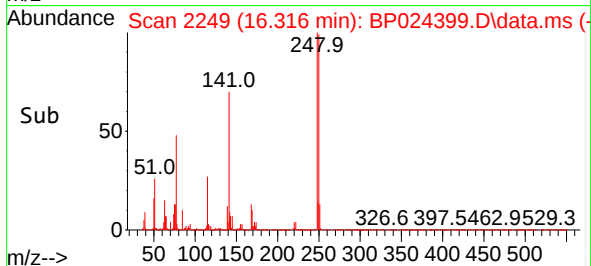
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MS



Tgt Ion:248 Resp: 387492
Ion Ratio Lower Upper
248 100
250 99.5 78.2 117.4
141 70.6 57.7 86.5

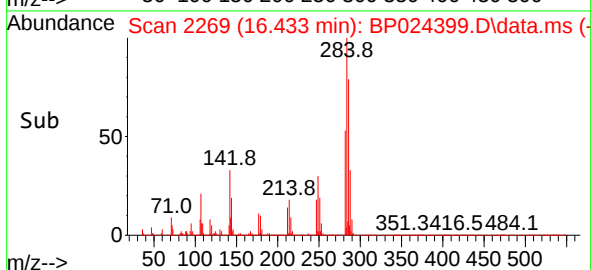
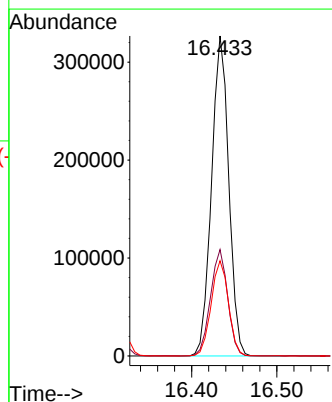
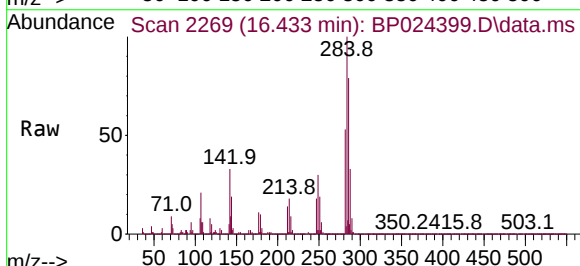
Manual Integrations
APPROVED

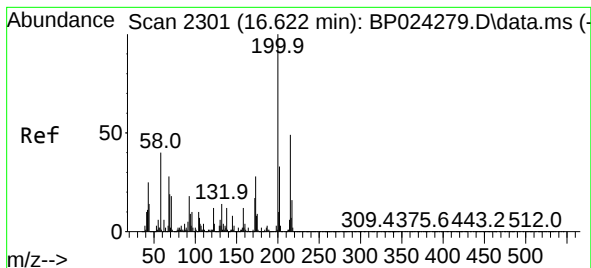
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#68
Hexachlorobenzene
Concen: 47.560 ng
RT: 16.433 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

Tgt Ion:284 Resp: 458041
Ion Ratio Lower Upper
284 100
142 33.3 24.6 37.0
249 29.7 23.8 35.6





#69

Atrazine

Concen: 62.621 ng

RT: 16.604 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024399.D

Acq: 23 Apr 2025 16:54

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-08MS

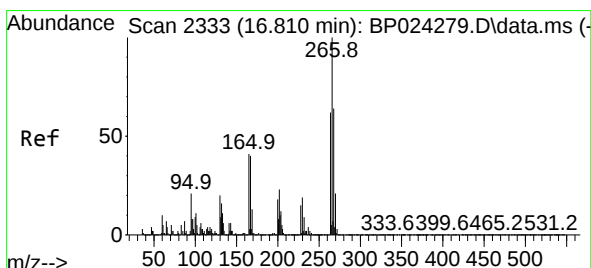
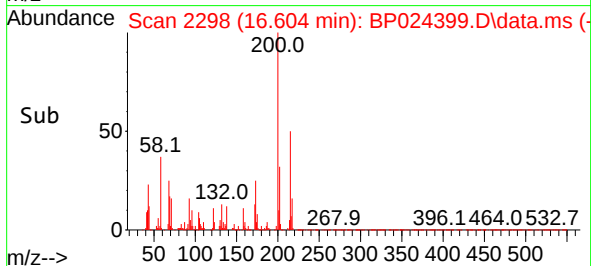
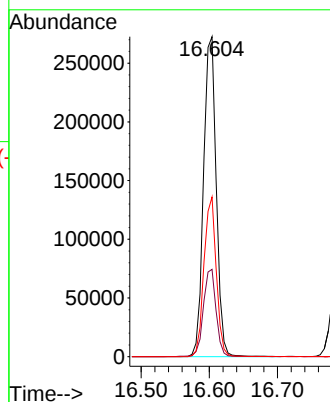
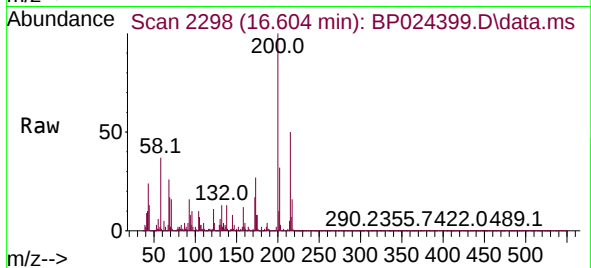
Tgt Ion:200 Resp: 35277
 Ion Ratio Lower Upper
 200 100
 173 27.3 7.5 47.5
 215 49.9 28.8 68.8

Manual Integrations

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Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025



#70

Pentachlorophenol

Concen: 93.048 ng

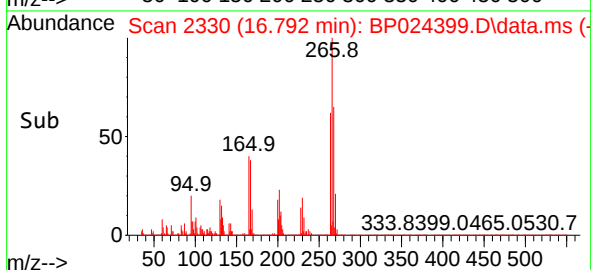
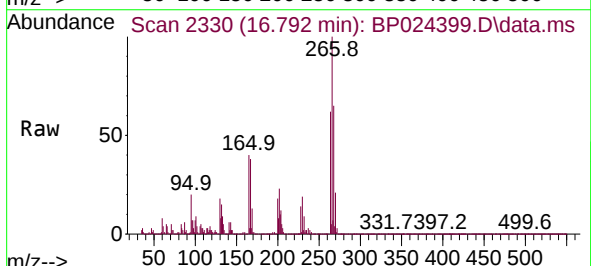
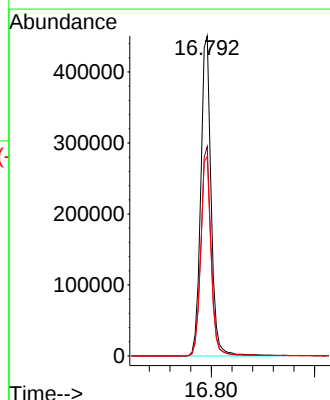
RT: 16.792 min Scan# 2330

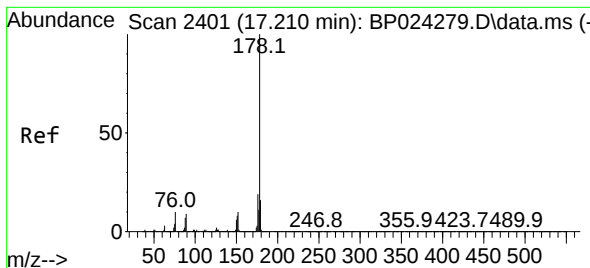
Delta R.T. -0.006 min

Lab File: BP024399.D

Acq: 23 Apr 2025 16:54

Tgt Ion:266 Resp: 625165
 Ion Ratio Lower Upper
 266 100
 268 65.5 51.0 76.6
 264 62.3 49.8 74.6





#71

Phenanthrene

Concen: 44.757 ng

RT: 17.180 min Scan# 2401

Delta R.T. -0.012 min

Lab File: BP024399.D

Acq: 23 Apr 2025 16:54

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-08MS

Tgt Ion:178 Resp: 180941

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

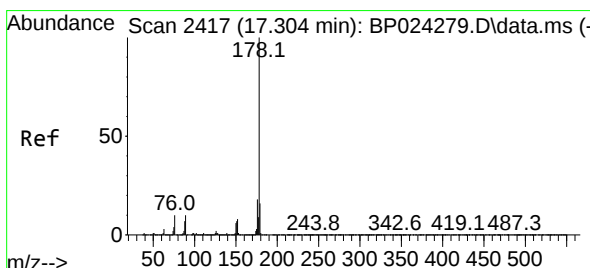
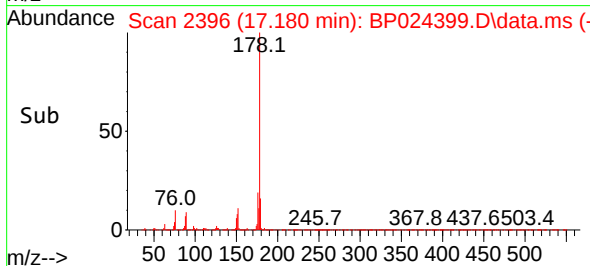
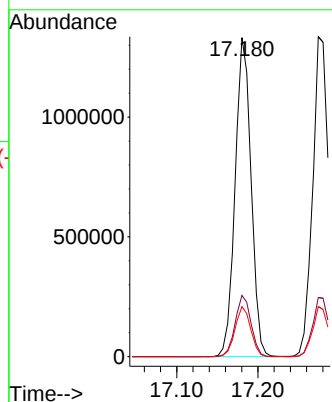
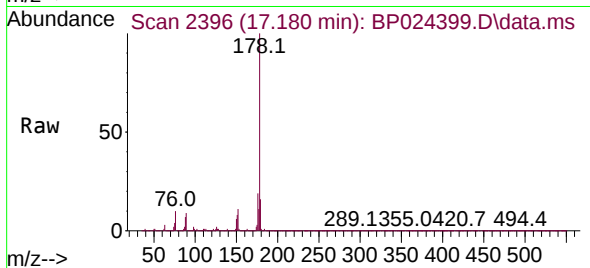
179 15.7 12.5 18.7

Manual Integrations

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Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025



#72

Anthracene

Concen: 47.395 ng

RT: 17.274 min Scan# 2412

Delta R.T. -0.012 min

Lab File: BP024399.D

Acq: 23 Apr 2025 16:54

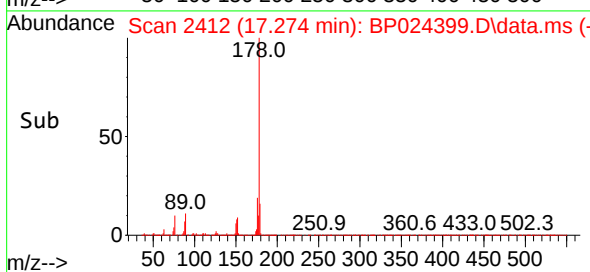
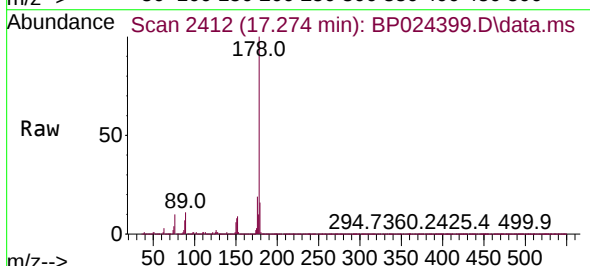
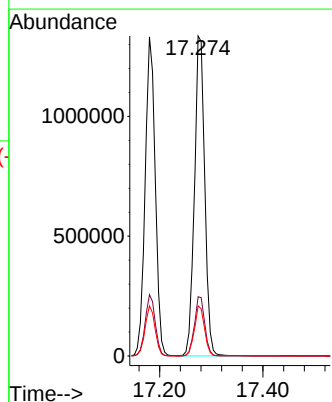
Tgt Ion:178 Resp: 1846658

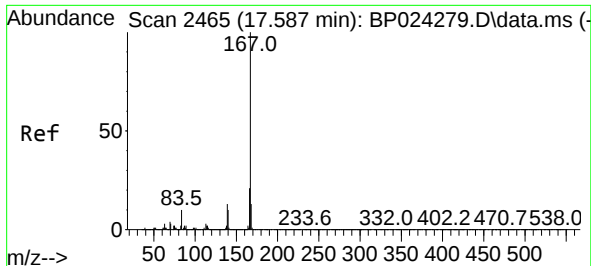
Ion Ratio Lower Upper

178 100

176 18.5 14.7 22.1

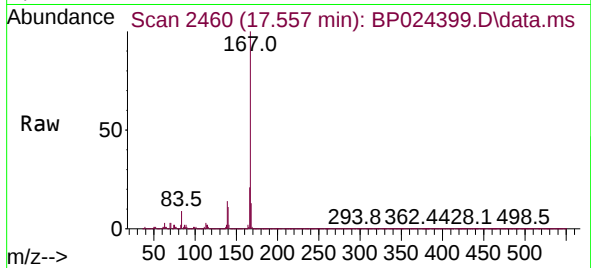
179 15.6 12.4 18.6





#73
 Carbazole
 Concen: 44.841 ng
 RT: 17.557 min Scan# 2460
 Delta R.T. -0.012 min
 Lab File: BP024399.D
 Acq: 23 Apr 2025 16:54

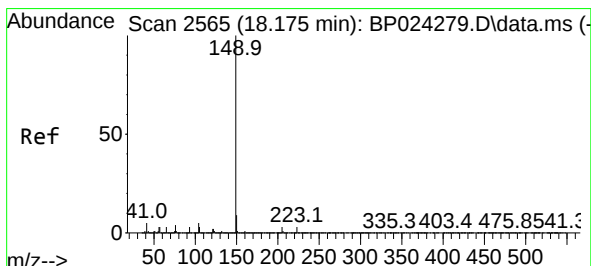
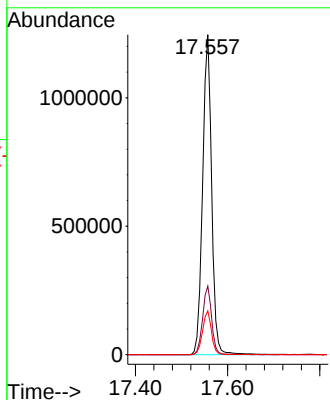
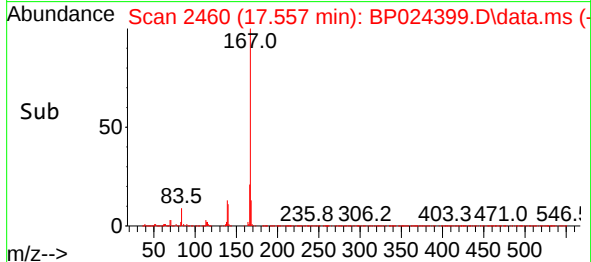
Instrument :
 BNA_P
 ClientSampleId :
 PL-714-COMP-08MS



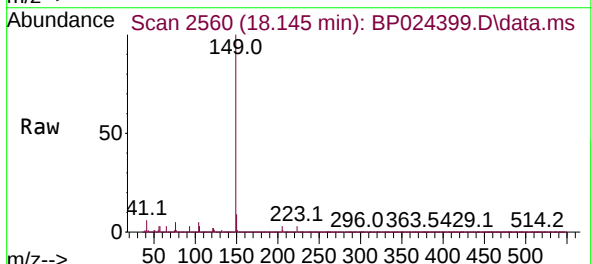
Tgt Ion:167 Resp: 1707139
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.1 25.7
 139 13.7 10.6 16.0

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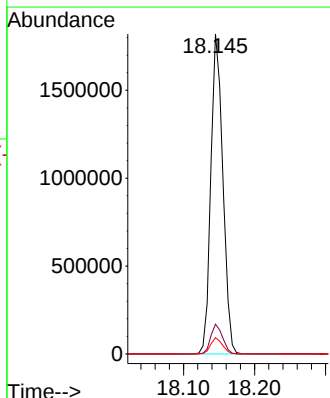
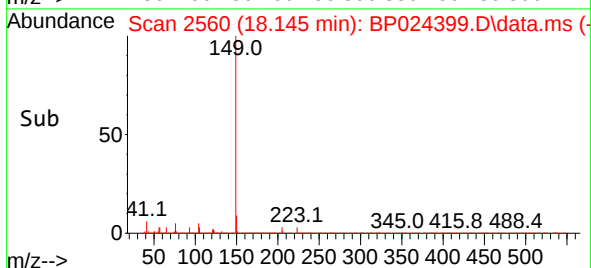
Reviewed By :Rahul Chavli 04/24/2025
 Supervised By :Jagrut Upadhyay 04/24/2025

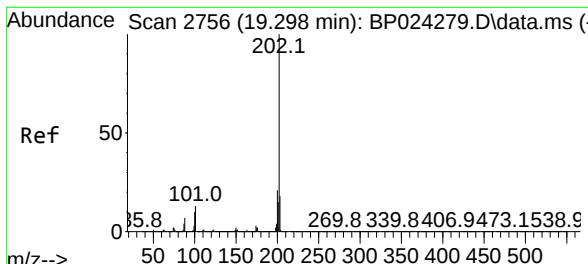


#74
 Di-n-butylphthalate
 Concen: 45.131 ng
 RT: 18.145 min Scan# 2560
 Delta R.T. -0.012 min
 Lab File: BP024399.D
 Acq: 23 Apr 2025 16:54



Tgt Ion:149 Resp: 2140582
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.1 3.9 5.9





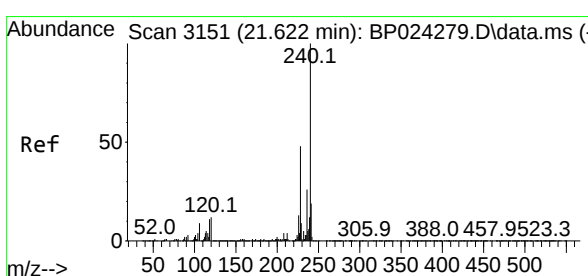
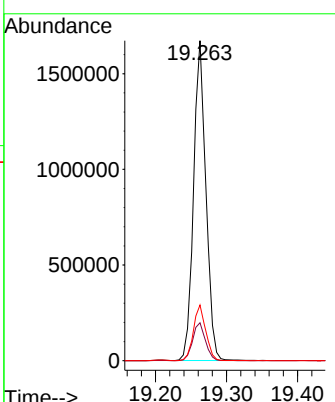
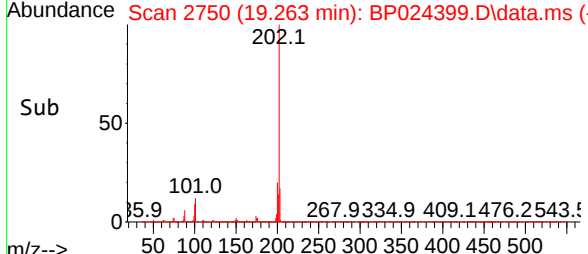
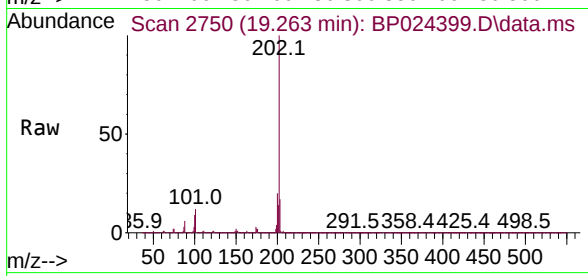
#75
 Fluoranthene
 Concen: 42.106 ng
 RT: 19.263 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BP024399.D
 Acq: 23 Apr 2025 16:54

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

Tgt Ion: 202 Resp: 2024539

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	33.2
203	17.4	0.0	37.7

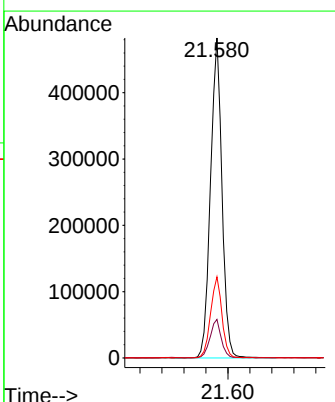
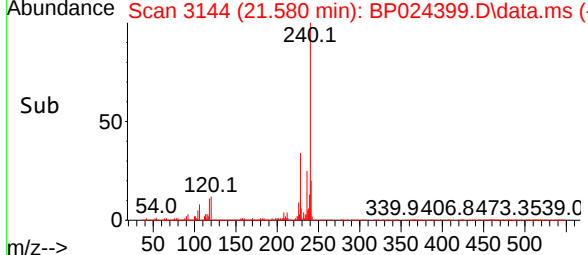
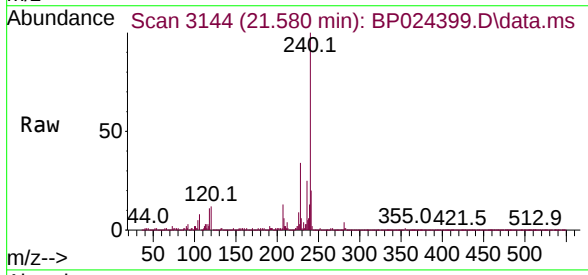
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 Reviewed By :Rahul Chavli 04/24/2025
 Supervised By :Jagrut Upadhyay 04/24/2025

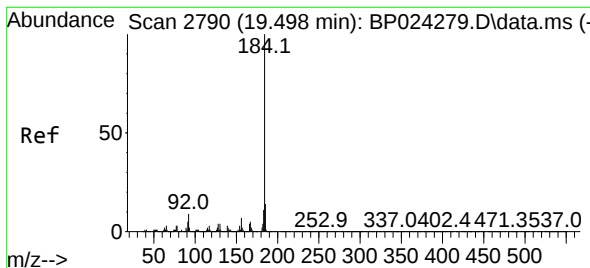


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.580 min Scan# 3144
 Delta R.T. -0.012 min
 Lab File: BP024399.D
 Acq: 23 Apr 2025 16:54

Tgt Ion: 240 Resp: 698327

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.8	14.8
236	25.3	20.9	31.3





#77

Benzidine

Concen: 15.469 ng

RT: 19.468 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024399.D

Acq: 23 Apr 2025 16:54

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-08MS

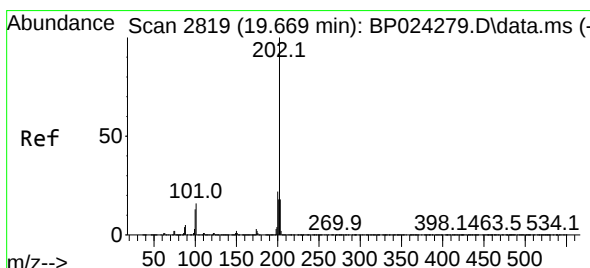
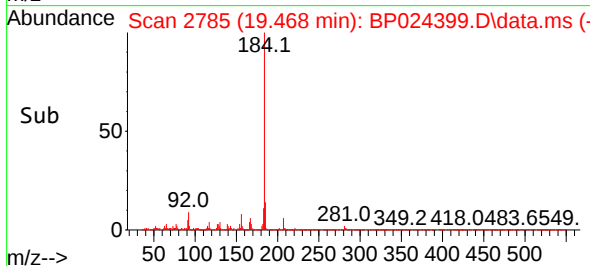
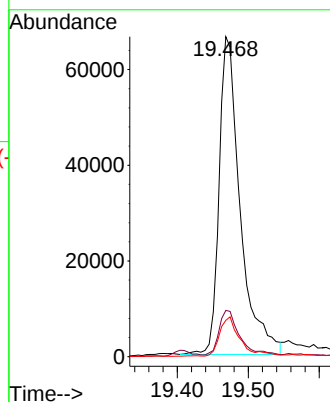
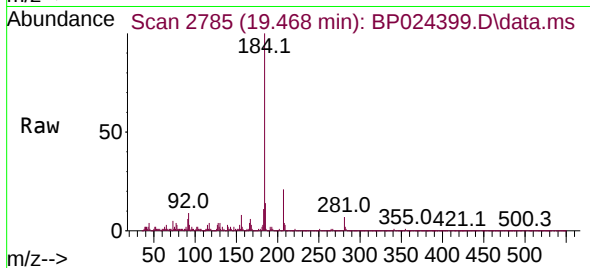
Tgt Ion:184	Resp: 136934
Ion Ratio	Lower Upper
184 100	
185 14.5	11.6 17.4
183 11.3	9.2 13.8

Manual Integrations

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Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025



#78

Pyrene

Concen: 46.654 ng

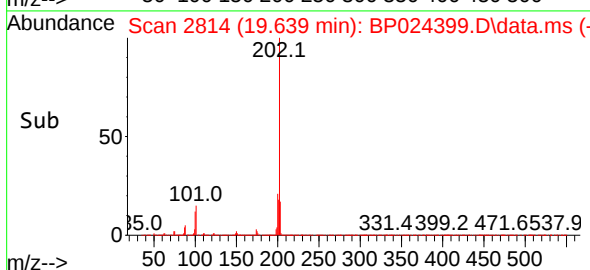
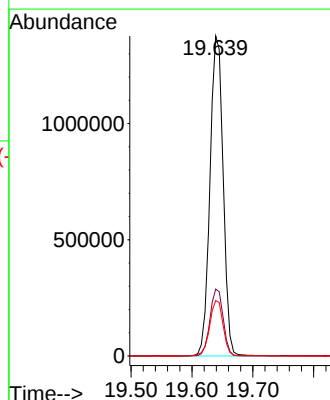
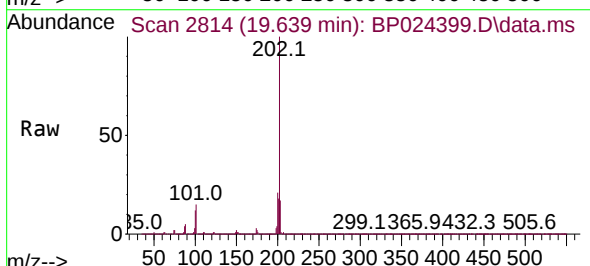
RT: 19.639 min Scan# 2814

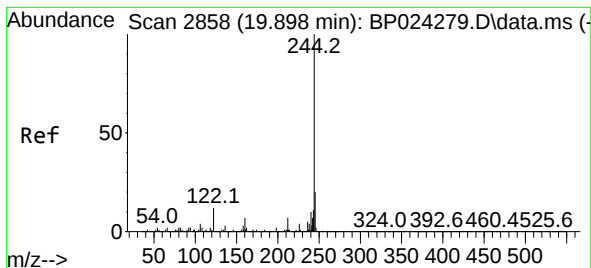
Delta R.T. -0.012 min

Lab File: BP024399.D

Acq: 23 Apr 2025 16:54

Tgt Ion:202	Resp: 2070487
Ion Ratio	Lower Upper
202 100	
200 20.9	17.2 25.8
203 17.3	14.4 21.6





#79

Terphenyl-d14

Concen: 99.766 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024399.D

Acq: 23 Apr 2025 16:54

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-08MS

Tgt Ion:244 Resp: 345644

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

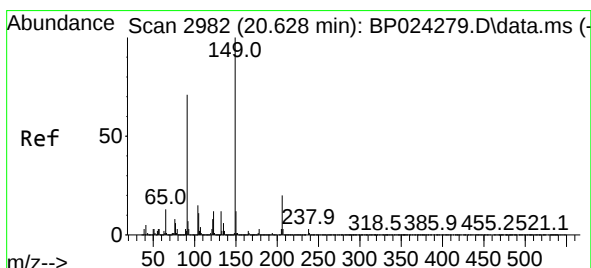
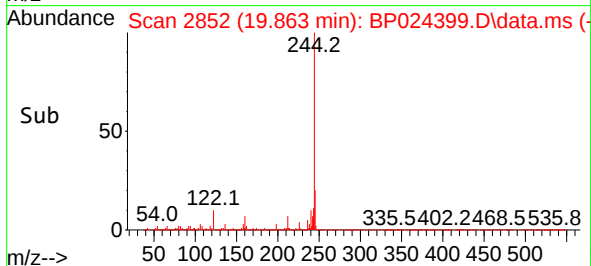
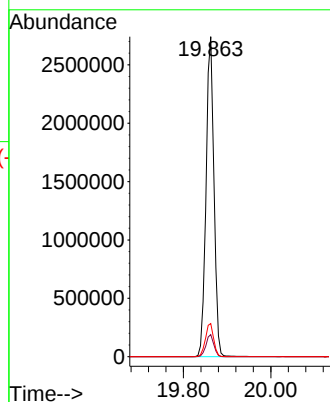
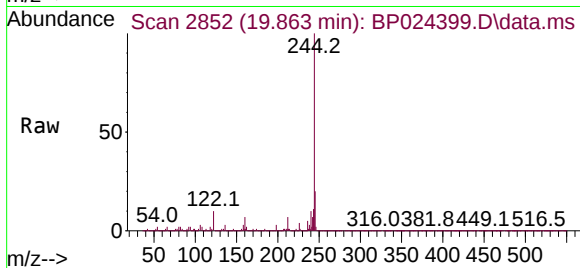
122 10.4 9.4 14.0

Manual Integrations

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Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025



#80

Butylbenzylphthalate

Concen: 48.851 ng

RT: 20.592 min Scan# 2976

Delta R.T. -0.012 min

Lab File: BP024399.D

Acq: 23 Apr 2025 16:54

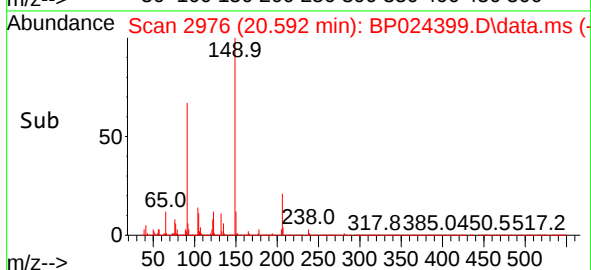
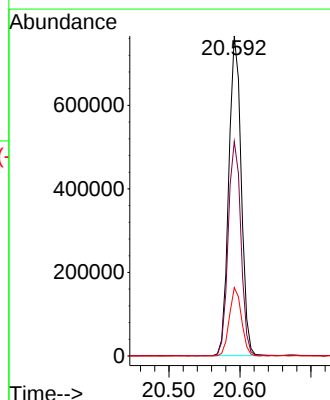
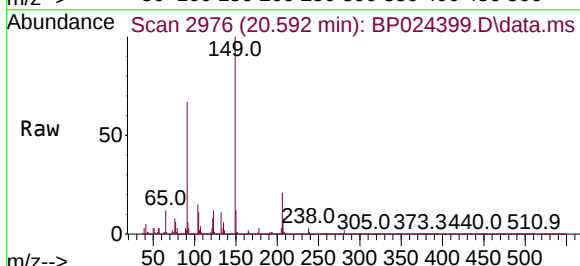
Tgt Ion:149 Resp: 928605

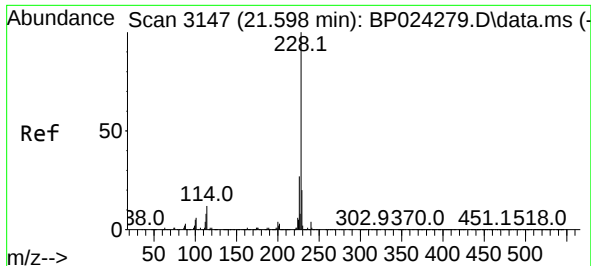
Ion Ratio Lower Upper

149 100

91 67.0 56.4 84.6

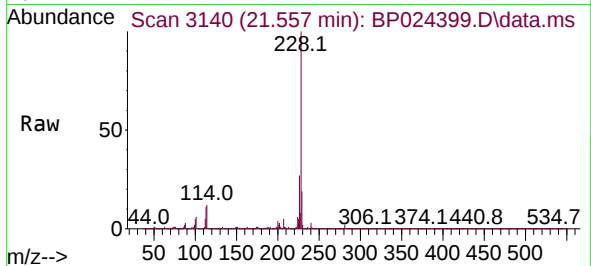
206 21.3 16.3 24.5





#81
Benzo(a)anthracene
Concen: 46.232 ng
RT: 21.557 min Scan# 3140
Delta R.T. -0.012 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

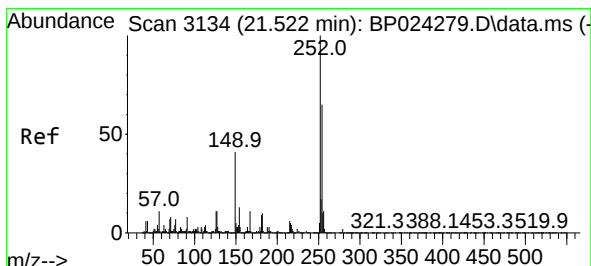
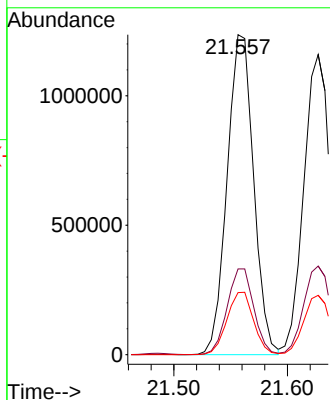
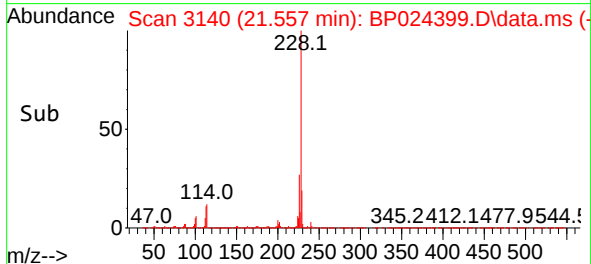
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MS



Tgt Ion:228 Resp: 2006711
Ion Ratio Lower Upper
228 100
226 26.8 21.8 32.8
229 19.4 15.9 23.9

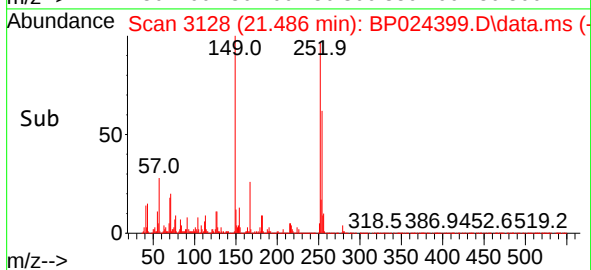
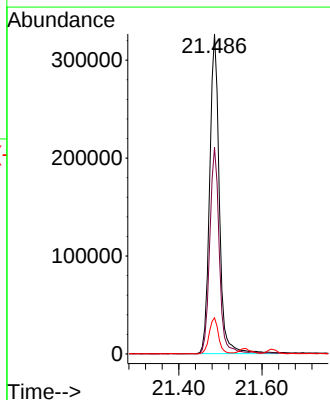
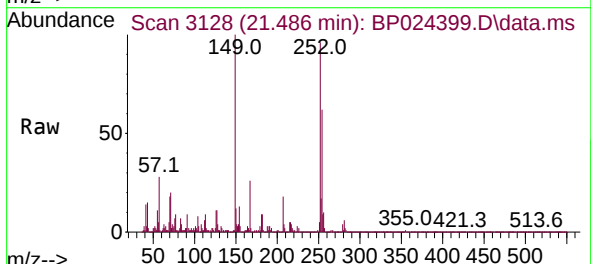
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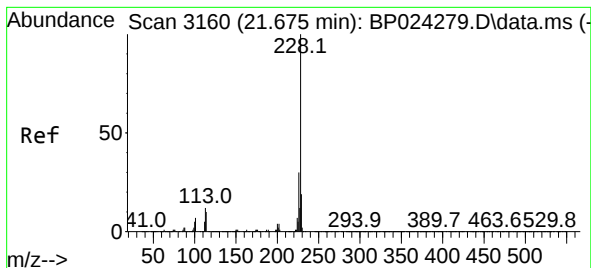
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#82
3,3'-Dichlorobenzidine
Concen: 34.588 ng
RT: 21.486 min Scan# 3128
Delta R.T. -0.006 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

Tgt Ion:252 Resp: 526939
Ion Ratio Lower Upper
252 100
254 64.5 51.7 77.5
126 11.3 8.8 13.2





#83

Chrysene

Concen: 45.345 ng

RT: 21.627 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP024399.D

Acq: 23 Apr 2025 16:54

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-08MS

Tgt Ion:228 Resp: 188562

Ion Ratio Lower Upper

228 100

226 29.5 24.2 36.2

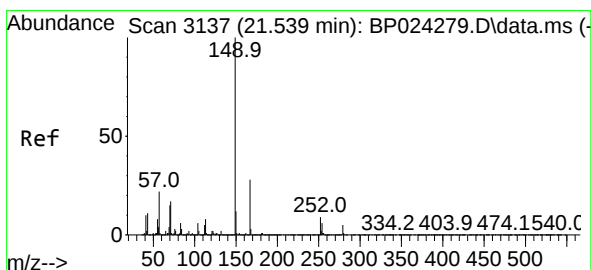
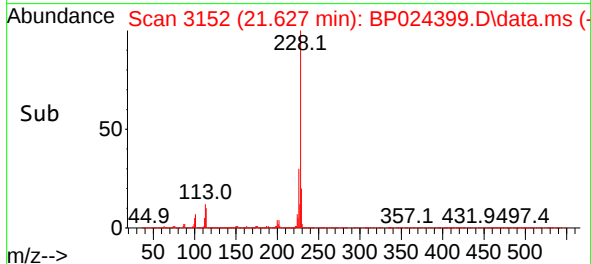
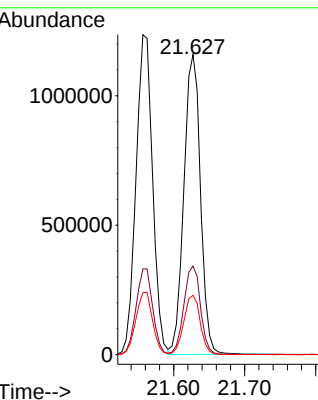
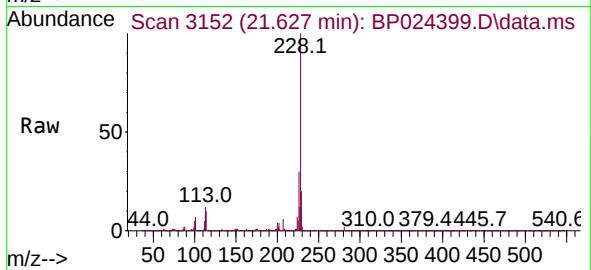
229 19.8 15.6 23.4

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Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.969 ng

RT: 21.498 min Scan# 3130

Delta R.T. -0.012 min

Lab File: BP024399.D

Acq: 23 Apr 2025 16:54

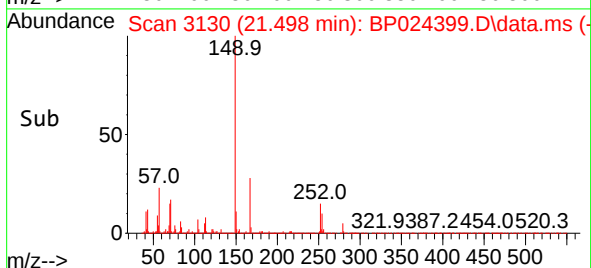
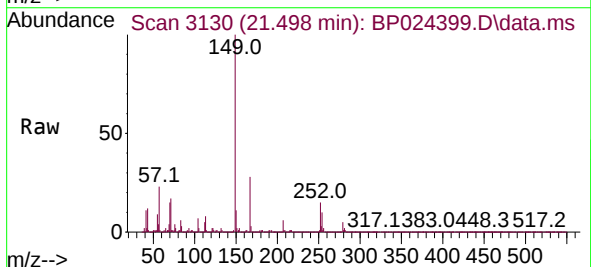
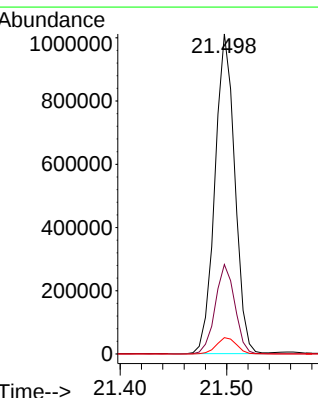
Tgt Ion:149 Resp: 1308834

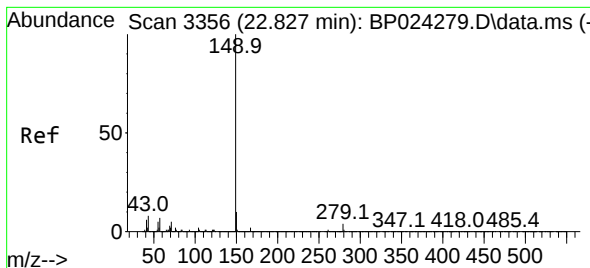
Ion Ratio Lower Upper

149 100

167 27.9 22.4 33.6

279 5.1 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 47.027 ng

RT: 22.768 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP024399.D

Acq: 23 Apr 2025 16:54

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-08MS

Tgt Ion:149 Resp: 213043

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

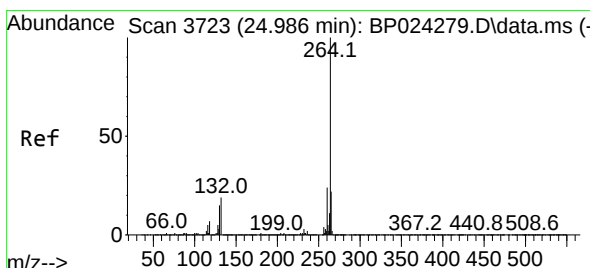
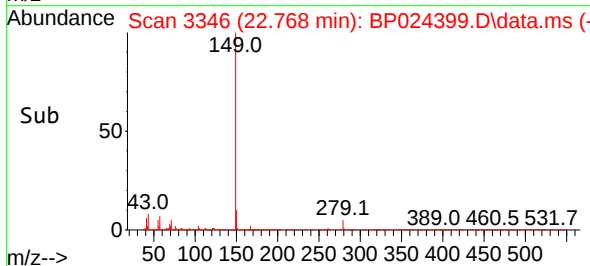
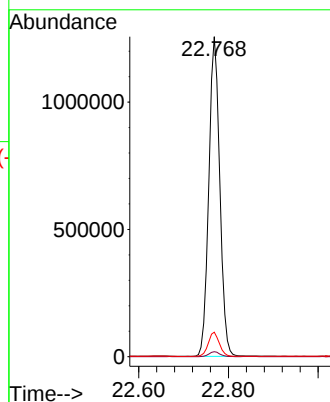
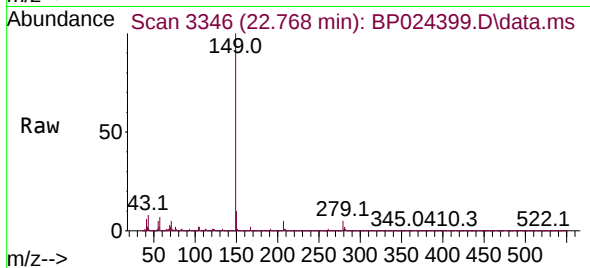
43 7.7 6.0 9.0

Manual Integrations

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Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.921 min Scan# 3712

Delta R.T. -0.012 min

Lab File: BP024399.D

Acq: 23 Apr 2025 16:54

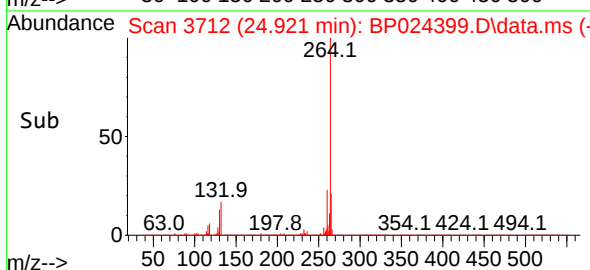
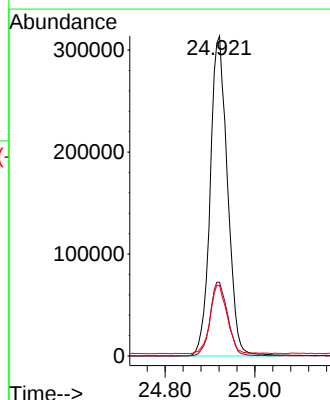
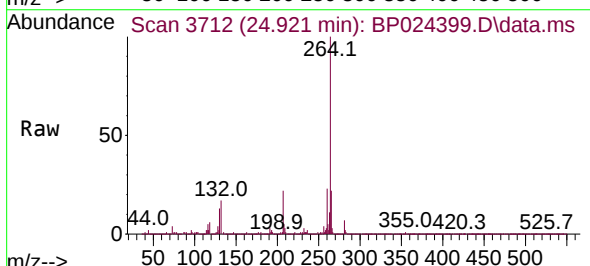
Tgt Ion:264 Resp: 838025

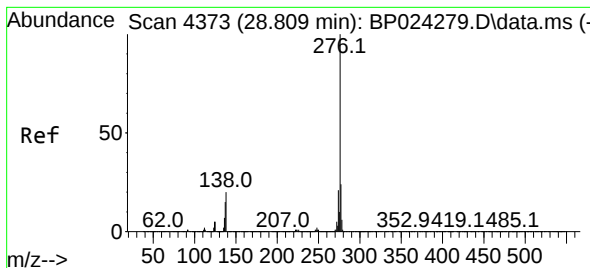
Ion Ratio Lower Upper

264 100

260 23.1 18.9 28.3

265 22.0 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.376 ng

RT: 28.686 min Scan# 41

Delta R.T. -0.053 min

Lab File: BP024399.D

Acq: 23 Apr 2025 16:54

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-08MS

Tgt Ion:276 Resp: 2930850

Ion Ratio Lower Upper

276 100

138 16.2 14.5 21.7

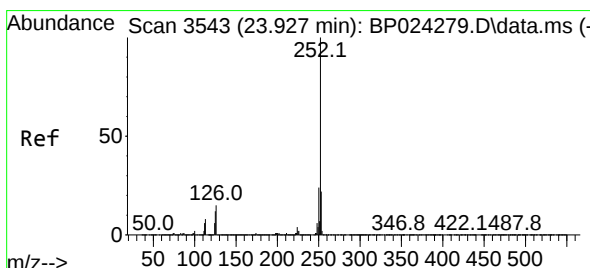
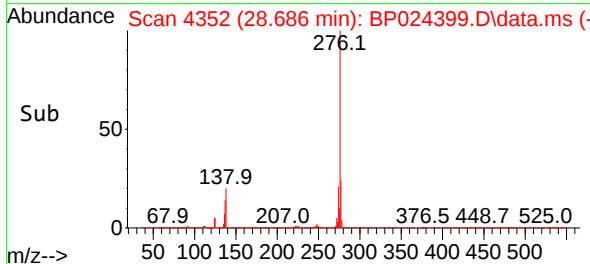
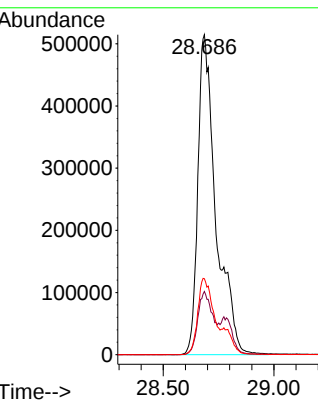
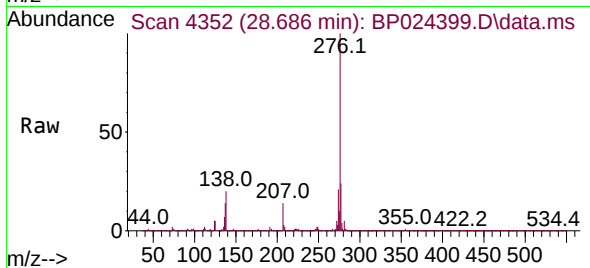
277 20.2 20.2 30.2

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: 43.025 ng

RT: 23.856 min Scan# 3531

Delta R.T. -0.030 min

Lab File: BP024399.D

Acq: 23 Apr 2025 16:54

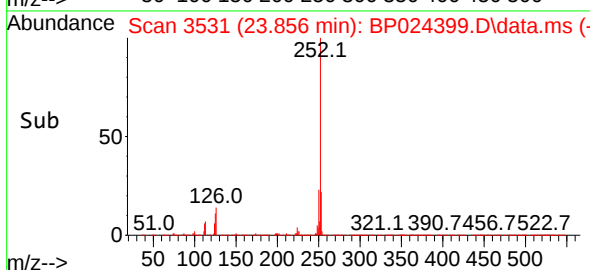
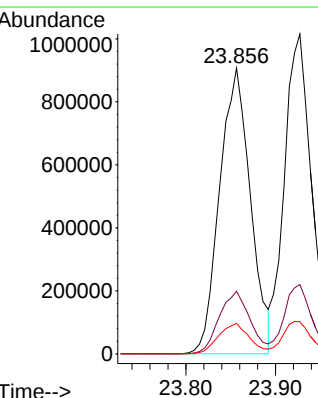
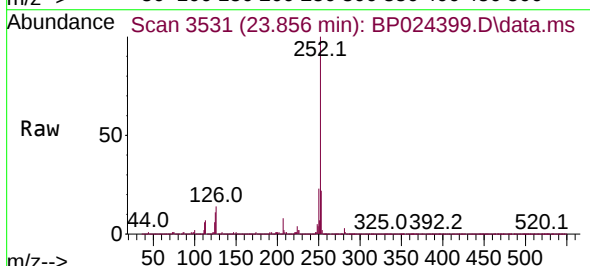
Tgt Ion:252 Resp: 2161226

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 10.7 9.4 14.0





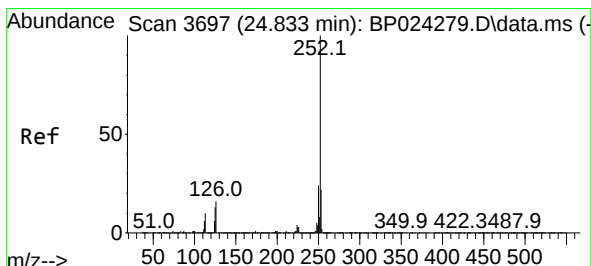
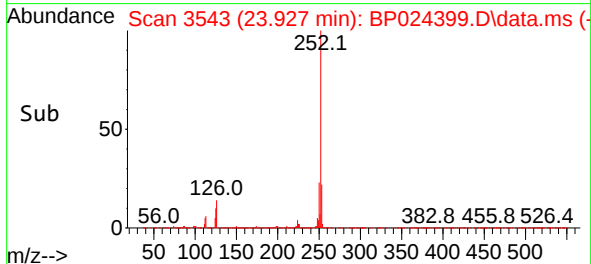
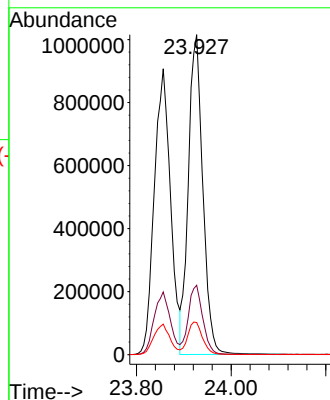
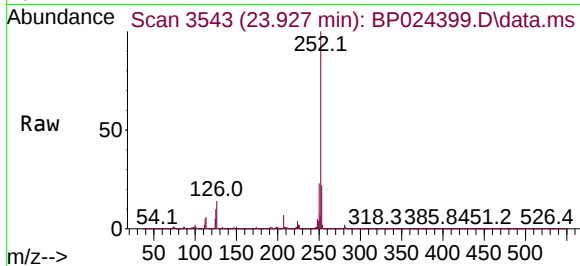
#89
Benzo(k)fluoranthene
Concen: 44.254 ng
RT: 23.927 min Scan# 31
Delta R.T. -0.030 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

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

Tgt Ion:252 Resp: 2147264
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 10.0 9.1 13.7

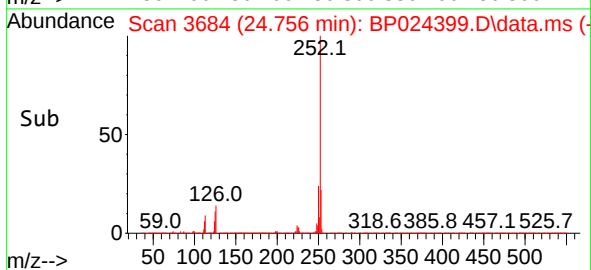
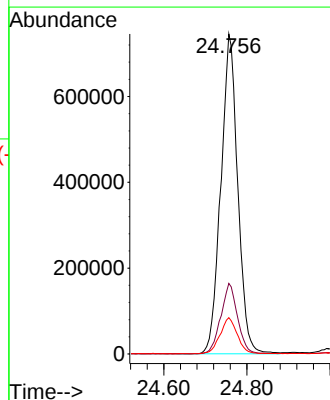
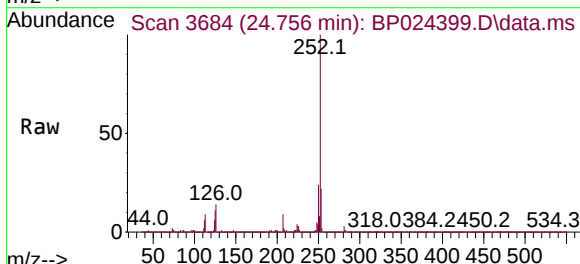
Manual Integrations
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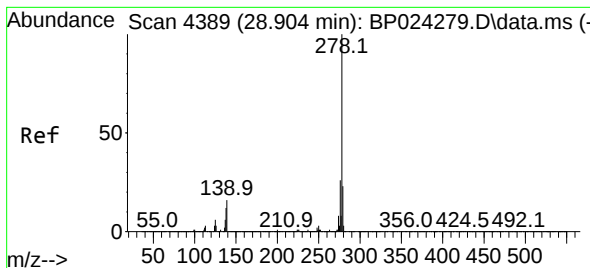
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#90
Benzo(a)pyrene
Concen: 48.532 ng
RT: 24.756 min Scan# 3684
Delta R.T. -0.024 min
Lab File: BP024399.D
Acq: 23 Apr 2025 16:54

Tgt Ion:252 Resp: 2102865
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 11.3 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 49.863 ng

RT: 28.791 min Scan# 41

Delta R.T. -0.012 min

Lab File: BP024399.D

Acq: 23 Apr 2025 16:54

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-08MS

Tgt Ion:278 Resp: 240789

Ion Ratio Lower Upper

278 100

139 15.7 12.6 19.0

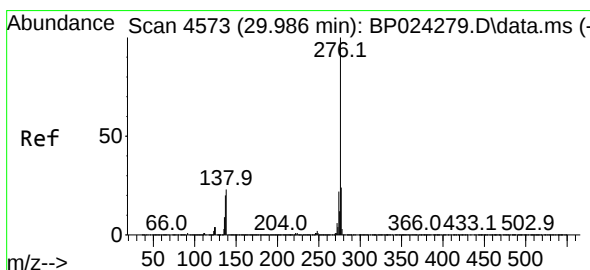
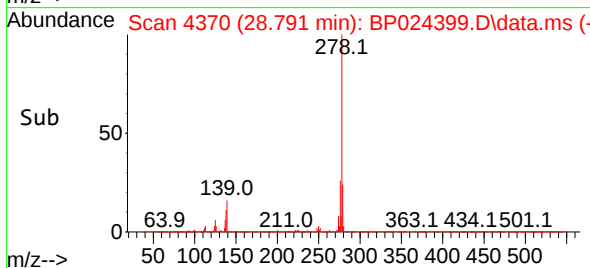
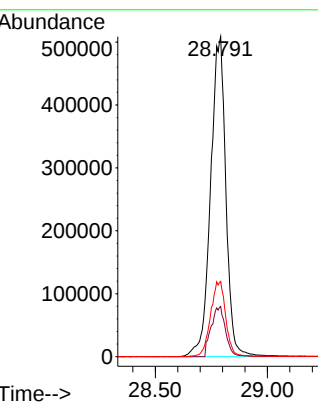
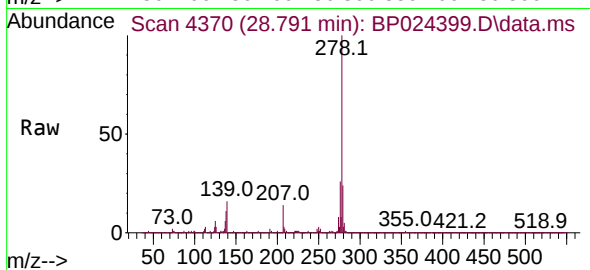
279 23.5 18.5 27.7

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: 47.681 ng

RT: 29.856 min Scan# 4551

Delta R.T. -0.041 min

Lab File: BP024399.D

Acq: 23 Apr 2025 16:54

Tgt Ion:276 Resp: 2343671

Ion Ratio Lower Upper

276 100

277 23.8 18.9 28.3

138 20.9 18.7 28.1

