

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042325\
 Data File : BP024393.D
 Acq On : 23 Apr 2025 12:46
 Operator : RC/JU
 Sample : PB167700BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167700BS

Manual Integrations
 APPROVED

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

Quant Time: Apr 23 13:16:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	228420	20.000	ng	0.00
21) Naphthalene-d8	10.493	136	923996	20.000	ng	0.00
39) Acenaphthene-d10	14.345	164	569624	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	1071670	20.000	ng	0.00
76) Chrysene-d12	21.598	240	1109178	20.000	ng	0.00
86) Perylene-d12	24.945	264	1313197	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1915784	138.677	ng	0.00
7) Phenol-d6	6.910	99	2382484	125.949	ng	0.00
23) Nitrobenzene-d5	8.869	82	1439069	88.807	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	1128841	143.235	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	3299962	88.701	ng	0.00
79) Terphenyl-d14	19.874	244	4912868	89.278	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	214774	36.755	ng	# 96
3) Pyridine	3.681	79	561345	36.381	ng	97
4) n-Nitrosodimethylamine	3.587	42	237858	46.449	ng	87
6) Aniline	7.057	93	639836	37.853	ng	99
8) 2-Chlorophenol	7.293	128	717346	46.509	ng	99
9) Benzaldehyde	6.869	77	341320	36.477	ng	99
10) Phenol	6.934	94	863686	45.515	ng	96
11) bis(2-Chloroethyl)ether	7.152	93	638376	41.754	ng	99
12) 1,3-Dichlorobenzene	7.610	146	739414	44.530	ng	99
13) 1,4-Dichlorobenzene	7.752	146	747473	44.366	ng	100
14) 1,2-Dichlorobenzene	8.069	146	714587	43.925	ng	98
15) Benzyl Alcohol	7.963	79	583663	47.712	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.240	45	717444	43.414	ng	99
17) 2-Methylphenol	8.163	107	584973	47.654	ng	98
18) Hexachloroethane	8.787	117	279760	45.948	ng	99
19) n-Nitroso-di-n-propyla...	8.516	70	477742	40.823	ng	98
20) 3+4-Methylphenols	8.487	107	785578	46.122	ng	98
22) Acetophenone	8.534	105	993947	43.462	ng	99
24) Nitrobenzene	8.910	77	721129	44.985	ng	99
25) Isophorone	9.428	82	1335212	45.522	ng	99
26) 2-Nitrophenol	9.610	139	377067	48.066	ng	95
27) 2,4-Dimethylphenol	9.681	122	649737	65.962	ng	99
28) bis(2-Chloroethoxy)met...	9.910	93	856622	43.232	ng	99
29) 2,4-Dichlorophenol	10.146	162	640518	47.691	ng	99
30) 1,2,4-Trichlorobenzene	10.357	180	658051	45.730	ng	99
31) Naphthalene	10.546	128	2070217	42.534	ng	100
32) Benzoic acid	9.834	122	483656m	42.139	ng	
33) 4-Chloroaniline	10.657	127	283400	16.534	ng	99
34) Hexachlorobutadiene	10.828	225	402576	47.609	ng	100
35) Caprolactam	11.451	113	211663	42.711	ng	96
36) 4-Chloro-3-methylphenol	11.793	107	706611	45.169	ng	98
37) 2-Methylnaphthalene	12.151	142	1311735	38.860	ng	98
38) 1-Methylnaphthalene	12.369	142	1369757	41.480	ng	99
40) 1,2,4,5-Tetrachloroben...	12.528	216	708023	45.198	ng	98
41) Hexachlorocyclopentadiene	12.504	237	1053739	190.199	ng	99
43) 2,4,6-Trichlorophenol	12.769	196	504147	48.407	ng	98

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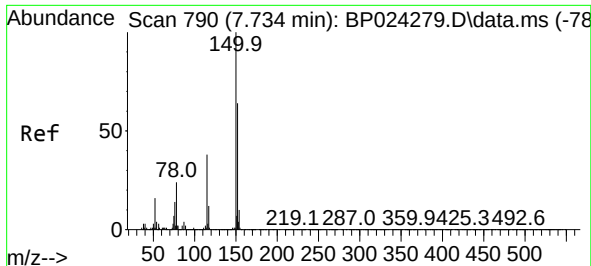
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	547035	47.432	ng	99
46) 1,1'-Biphenyl	13.175	154	1835465	43.837	ng	100
47) 2-Chloronaphthalene	13.216	162	1397562	44.660	ng	99
48) 2-Nitroaniline	13.422	65	422175	48.095	ng	97
49) Acenaphthylene	14.063	152	2350248	47.702	ng	100
50) Dimethylphthalate	13.804	163	1804090	43.552	ng	99
51) 2,6-Dinitrotoluene	13.922	165	396456	45.071	ng	97
52) Acenaphthene	14.416	154	1345917	43.090	ng	100
53) 3-Nitroaniline	14.257	138	254795	27.560	ng	99
54) 2,4-Dinitrophenol	14.469	184	511751	98.766	ng	94
55) Dibenzofuran	14.751	168	2114976	41.425	ng	97
56) 4-Nitrophenol	14.586	139	743931	93.171	ng	96
57) 2,4-Dinitrotoluene	14.722	165	572203	47.687	ng	99
58) Fluorene	15.410	166	1716651	43.433	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.986	232	484510	45.550	ng	99
60) Diethylphthalate	15.186	149	1828313	42.829	ng	100
61) 4-Chlorophenyl-phenyle...	15.404	204	842319	43.887	ng	98
62) 4-Nitroaniline	15.434	138	427603	43.691	ng	92
63) Azobenzene	15.704	77	1653162	42.134	ng	97
65) 4,6-Dinitro-2-methylph...	15.492	198	322709	47.763	ng	96
66) n-Nitrosodiphenylamine	15.634	169	1498669	46.853	ng	100
67) 4-Bromophenyl-phenylether	16.322	248	548695	46.814	ng	98
68) Hexachlorobenzene	16.433	284	669180	48.048	ng	97
69) Atrazine	16.604	200	526048	64.571	ng	99
70) Pentachlorophenol	16.792	266	925341	95.238	ng	99
71) Phenanthrene	17.192	178	2607430	44.600	ng	100
72) Anthracene	17.286	178	2648256	47.000	ng	100
73) Carbazole	17.569	167	2479478	45.037	ng	100
74) Di-n-butylphthalate	18.151	149	3045426	44.400	ng	100
75) Fluoranthene	19.280	202	3003310	43.194	ng	99
77) Benzidine	19.480	184	1371804	97.569	ng	99
78) Pyrene	19.663	202	3129490	44.397	ng	99
80) Butylbenzylphthalate	20.610	149	1425222	47.205	ng	94
81) Benzo(a)anthracene	21.580	228	3152908	45.733	ng	100
82) 3,3'-Dichlorobenzidine	21.492	252	768318	31.751	ng	100
83) Chrysene	21.645	228	2946671	44.613	ng	100
84) Bis(2-ethylhexyl)phtha...	21.516	149	2072622	46.828	ng	99
85) Di-n-octyl phthalate	22.792	149	3536396	49.147	ng	100
87) Indeno(1,2,3-cd)pyrene	28.721	276	4344060	47.649	ng	98
88) Benzo(b)fluoranthene	23.886	252	3353924	42.609	ng	98
89) Benzo(k)fluoranthene	23.957	252	3463039	45.546	ng	99
90) Benzo(a)pyrene	24.786	252	3308791	48.731	ng	99
91) Dibenzo(a,h)anthracene	28.803	278	3560029	47.046	ng	98
92) Benzo(g,h,i)perylene	29.897	276	3498517	45.422	ng	99

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



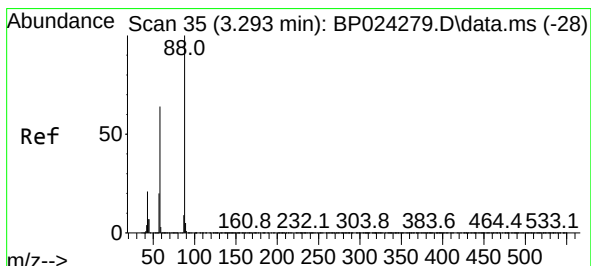
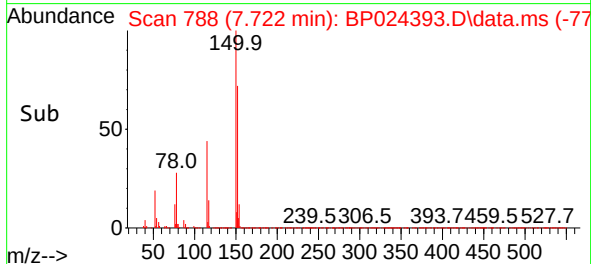
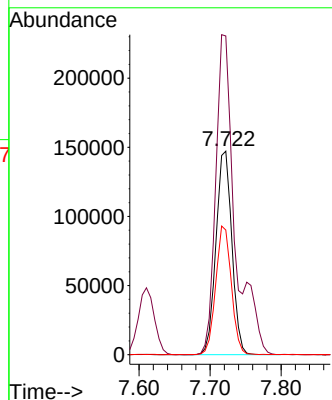
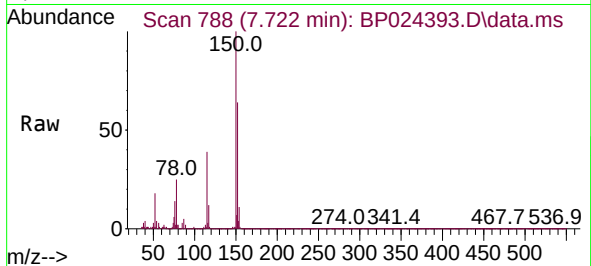
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.722 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

Instrument :
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ClientSampleId :
PB167700BS

Tgt Ion:152 Resp: 228420
Ion Ratio Lower Upper
152 100
150 156.6 124.9 187.3
115 61.3 47.7 71.5

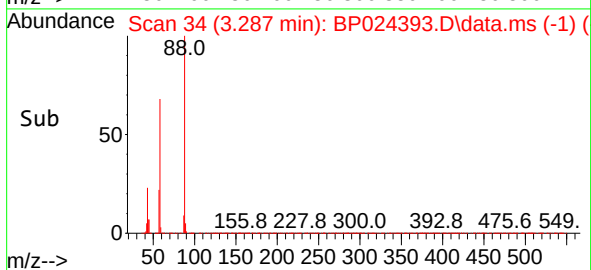
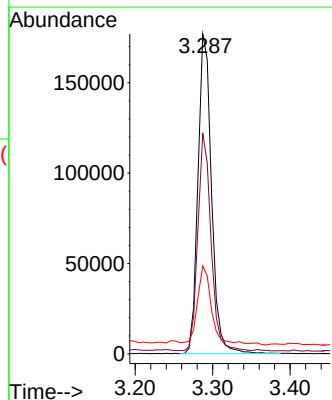
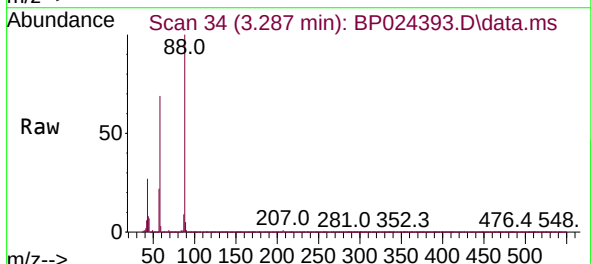
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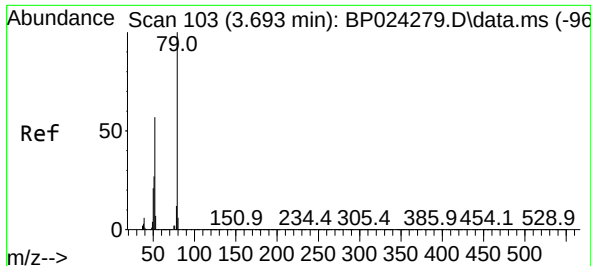
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#2
1,4-Dioxane
Concen: 36.755 ng
RT: 3.287 min Scan# 34
Delta R.T. 0.000 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

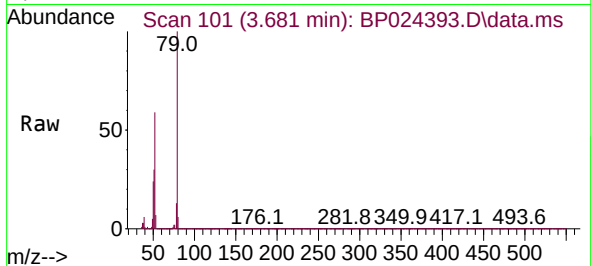
Tgt Ion: 88 Resp: 214774
Ion Ratio Lower Upper
88 100
58 65.7 51.4 77.2
43 26.5 17.1 25.7#





#3
Pyridine
Concen: 36.381 ng
RT: 3.681 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

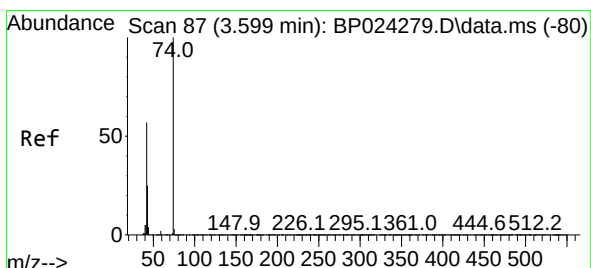
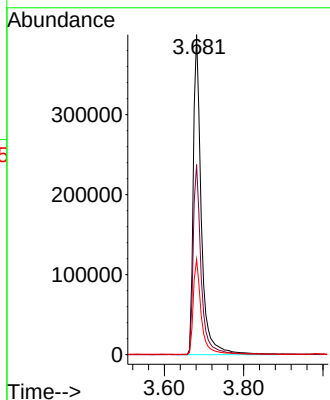
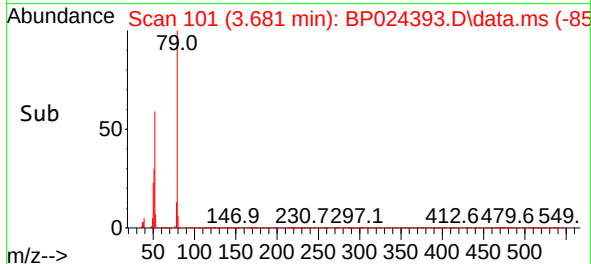
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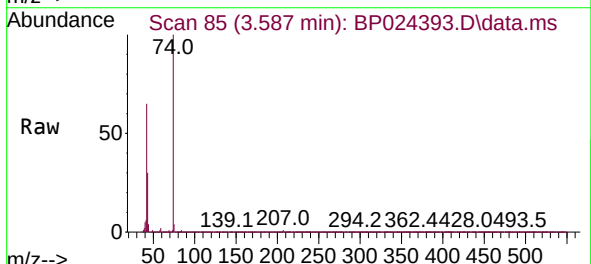
Tgt Ion: 79 Resp: 56134
Ion Ratio Lower Upper
79 100
52 59.4 45.4 68.2
51 29.8 22.6 33.8

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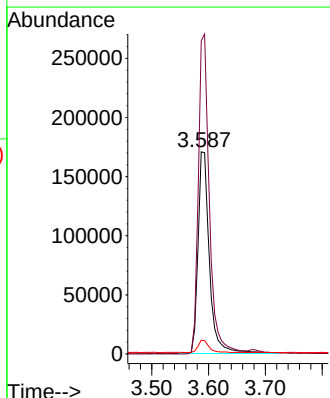
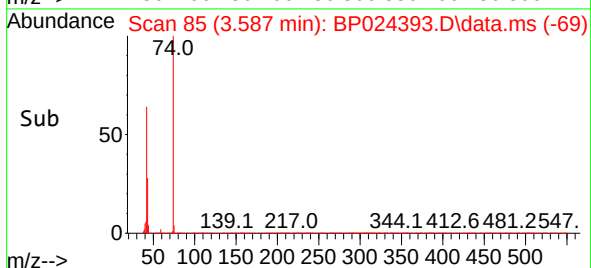
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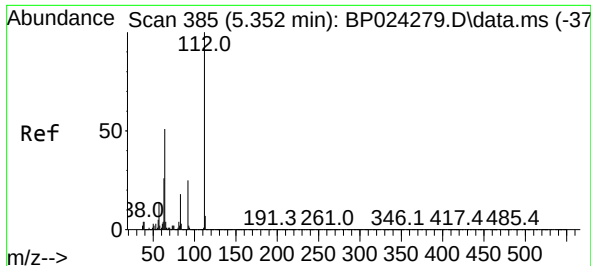


#4
n-Nitrosodimethylamine
Concen: 46.449 ng
RT: 3.587 min Scan# 85
Delta R.T. -0.006 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46



Tgt Ion: 42 Resp: 237858
Ion Ratio Lower Upper
42 100
74 155.0 139.5 209.3
44 6.9 5.8 8.8





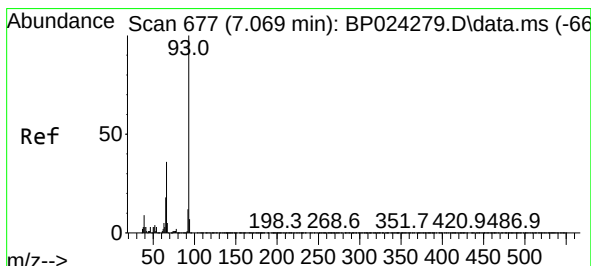
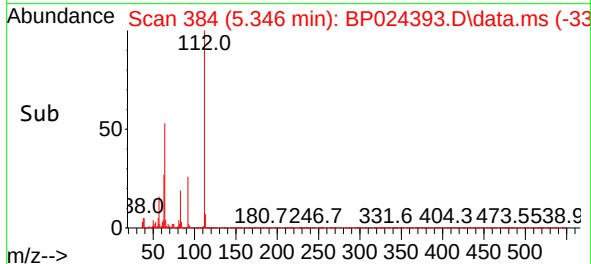
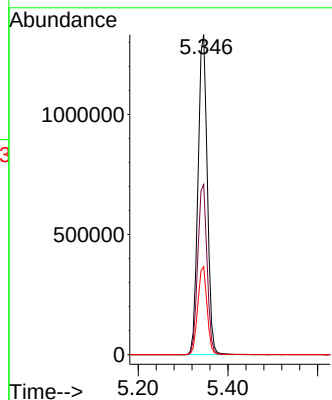
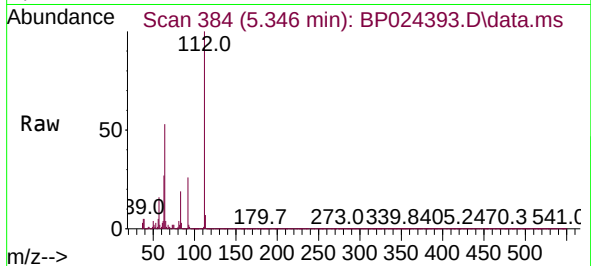
#5
2-Fluorophenol
Concen: 138.677 ng
RT: 5.346 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

Instrument :
BNA_P
ClientSampleId :
PB167700BS

Tgt Ion:112 Resp: 1915784
Ion Ratio Lower Upper
112 100
64 53.2 41.1 61.7
63 27.5 20.6 30.8

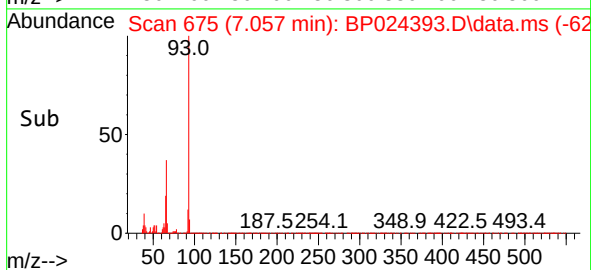
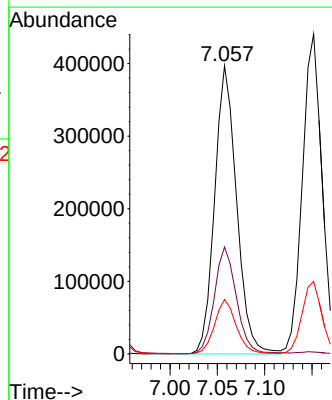
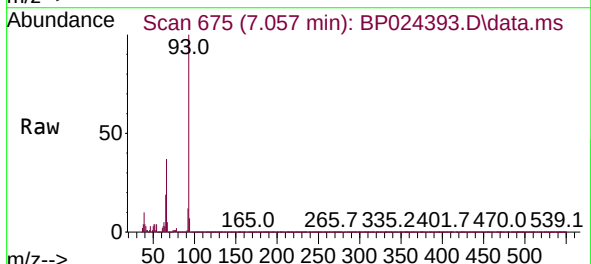
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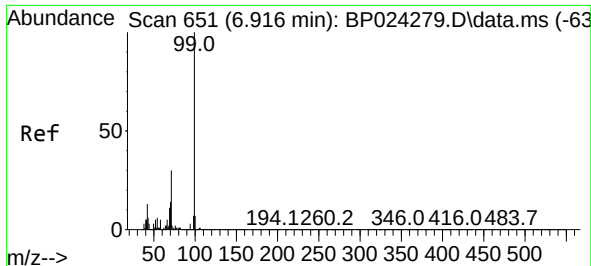
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#6
Aniline
Concen: 37.853 ng
RT: 7.057 min Scan# 675
Delta R.T. -0.006 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

Tgt Ion: 93 Resp: 639836
Ion Ratio Lower Upper
93 100
66 37.1 29.1 43.7
65 18.9 14.7 22.1





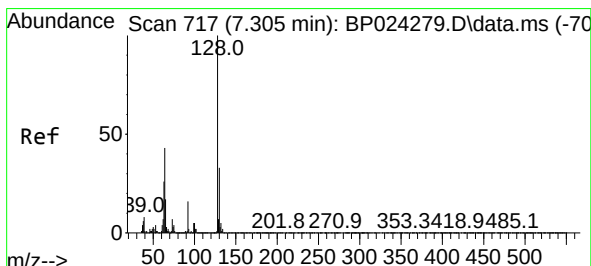
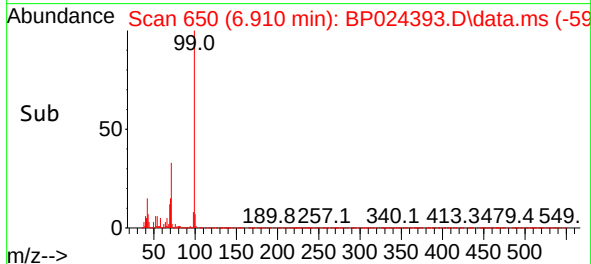
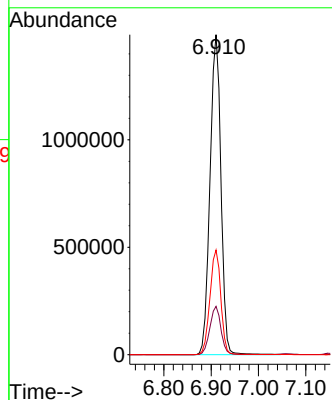
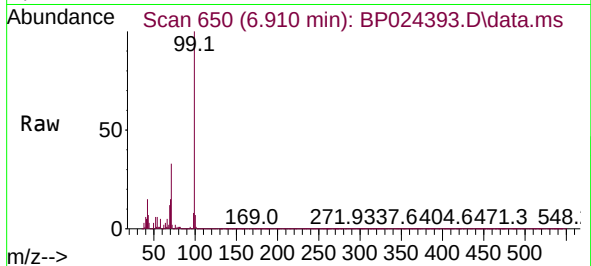
#7
Phenol-d6
Concen: 125.949 ng
RT: 6.910 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

Instrument :
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ClientSampleId :
PB167700BS

Tgt Ion: 99 Resp: 2382484
Ion Ratio Lower Upper
99 100
42 15.1 10.6 16.0
71 32.7 23.7 35.5

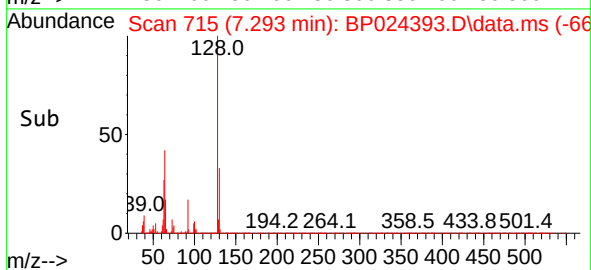
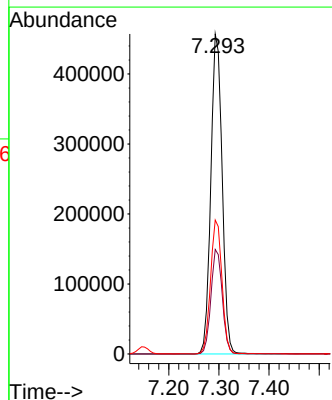
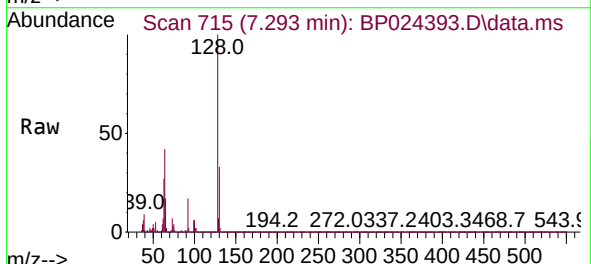
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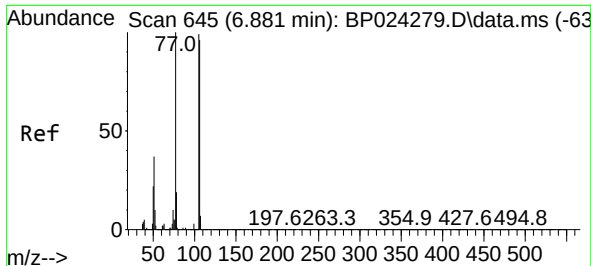
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#8
2-Chlorophenol
Concen: 46.509 ng
RT: 7.293 min Scan# 715
Delta R.T. -0.006 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

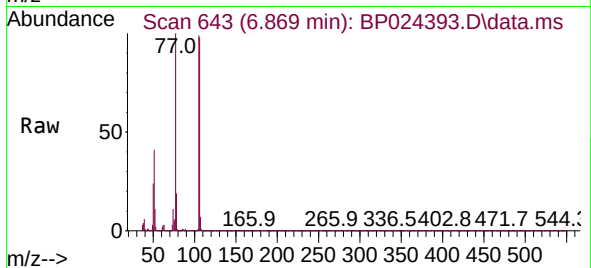
Tgt Ion:128 Resp: 717346
Ion Ratio Lower Upper
128 100
130 32.7 12.9 52.9
64 41.9 22.7 62.7





#9
Benzaldehyde
Concen: 36.477 ng
RT: 6.869 min Scan# 645
Delta R.T. -0.012 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

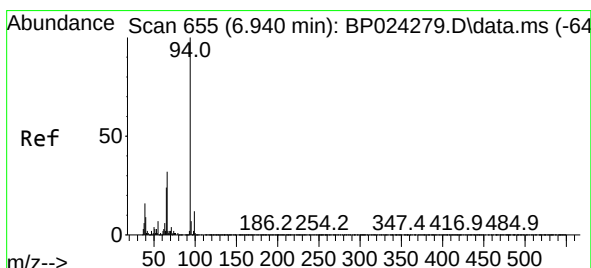
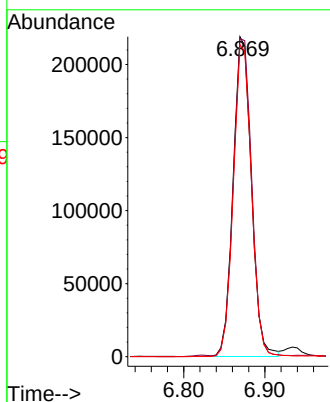
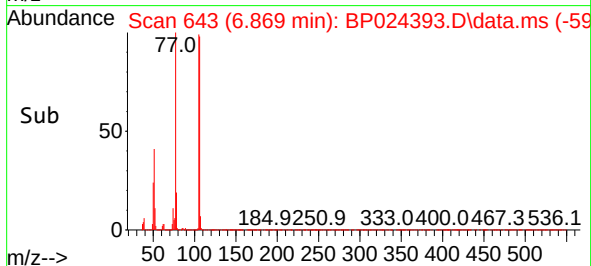
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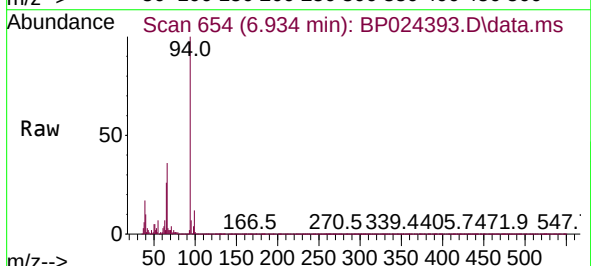
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Ion Ratio Lower Upper
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105 99.4 79.2 119.2
106 97.5 76.2 116.2

Manual Integrations
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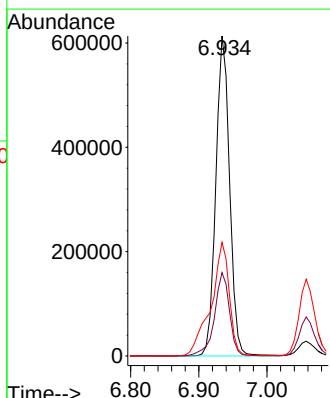
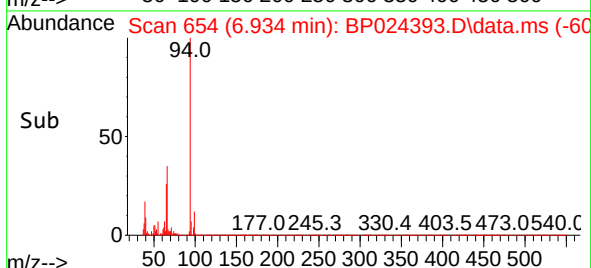
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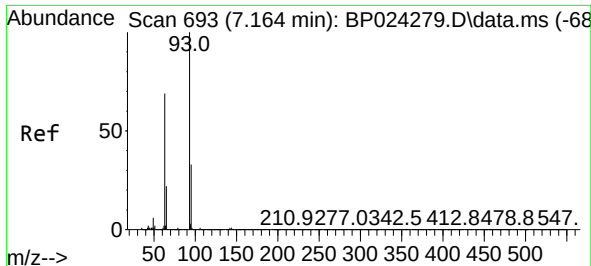


#10
Phenol
Concen: 45.515 ng
RT: 6.934 min Scan# 654
Delta R.T. -0.006 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46



Tgt Ion: 94 Resp: 863686
Ion Ratio Lower Upper
94 100
65 26.0 4.5 44.5
66 35.5 12.4 52.4





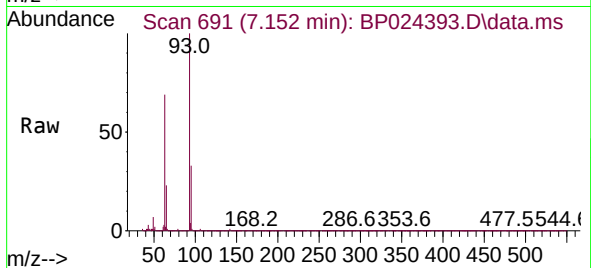
#11
bis(2-Chloroethyl)ether
Concen: 41.754 ng
RT: 7.152 min Scan# 691
Delta R.T. -0.006 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

Instrument :

BNA_P

ClientSampleId :

PB167700BS



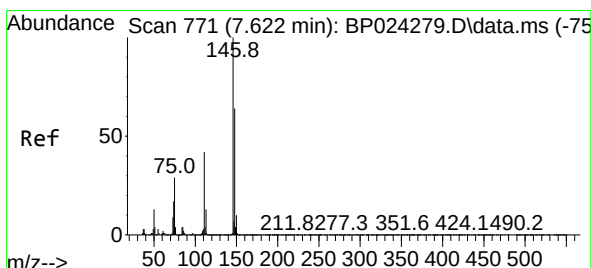
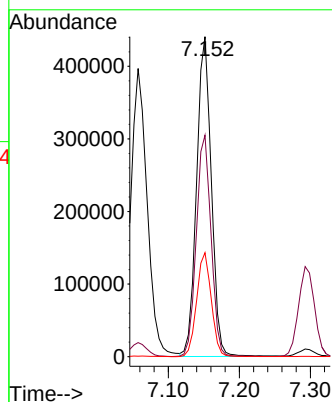
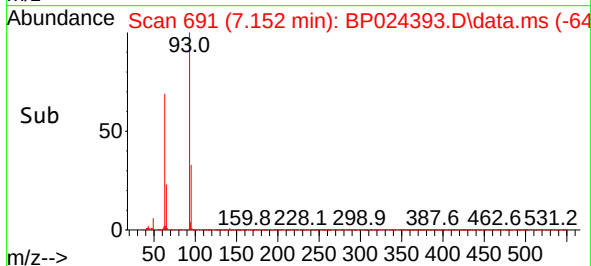
Tgt Ion: 93 Resp: 638370
Ion Ratio Lower Upper
93 100
63 69.2 48.6 88.6
95 32.5 12.3 52.3

Manual Integrations

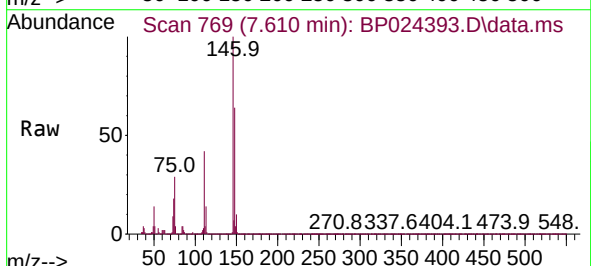
APPROVED

Reviewed By :Rahul Chavli 04/24/2025

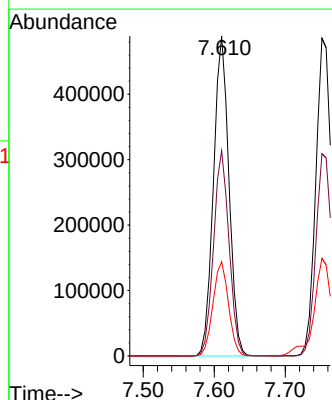
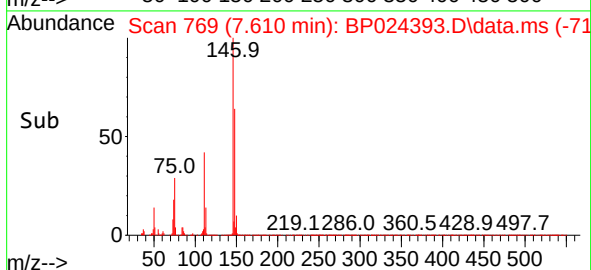
Supervised By :Jagrut Upadhyay 04/24/2025

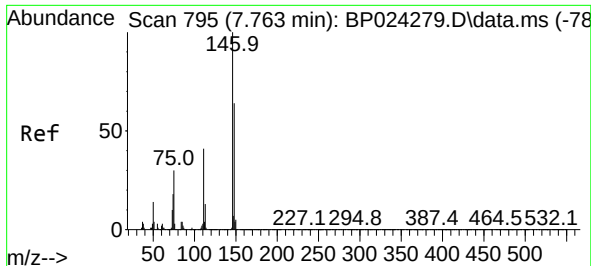


#12
1,3-Dichlorobenzene
Concen: 44.530 ng
RT: 7.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46



Tgt Ion:146 Resp: 739414
Ion Ratio Lower Upper
146 100
148 64.1 51.4 77.0
75 29.5 22.9 34.3





#13

1,4-Dichlorobenzene

Concen: 44.366 ng

RT: 7.752 min Scan# 795

Delta R.T. -0.006 min

Lab File: BP024393.D

Acq: 23 Apr 2025 12:46

Instrument :

BNA_P

ClientSampleId :

PB167700BS

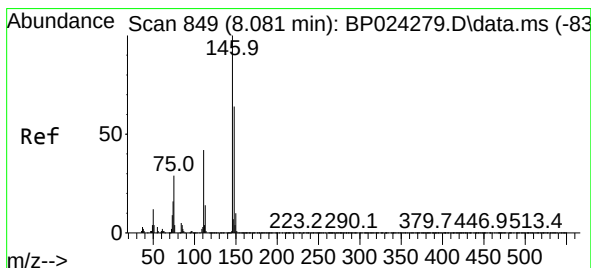
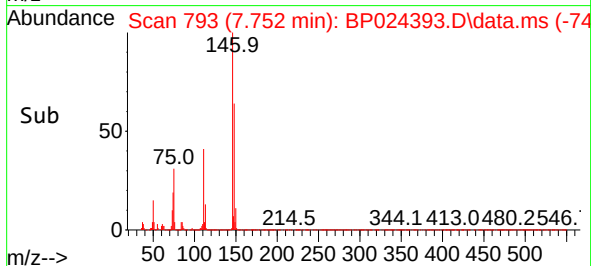
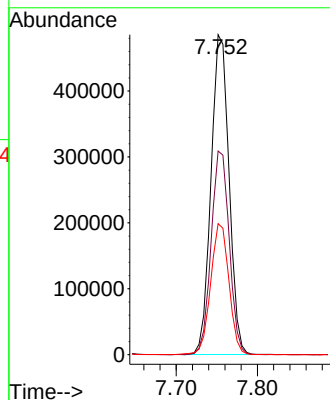
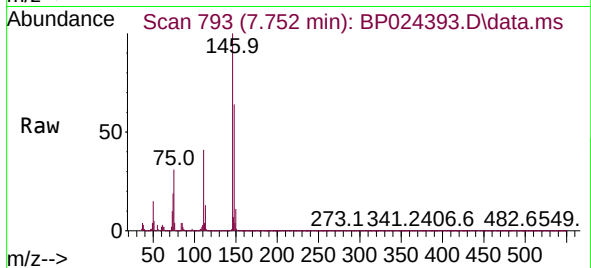
Tgt Ion:	146	Resp:	74747
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.1	76.7
111	41.0	32.6	48.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025



#14

1,2-Dichlorobenzene

Concen: 43.925 ng

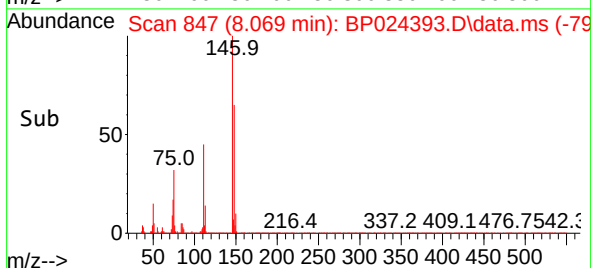
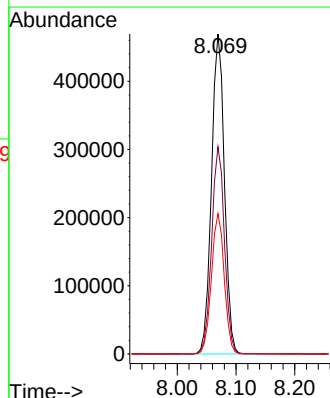
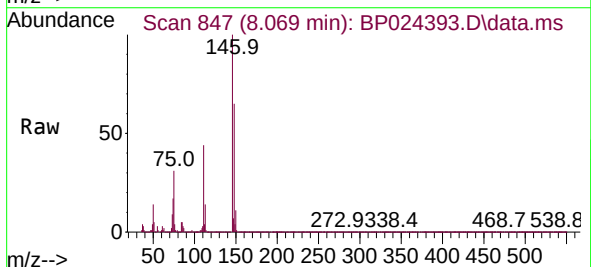
RT: 8.069 min Scan# 847

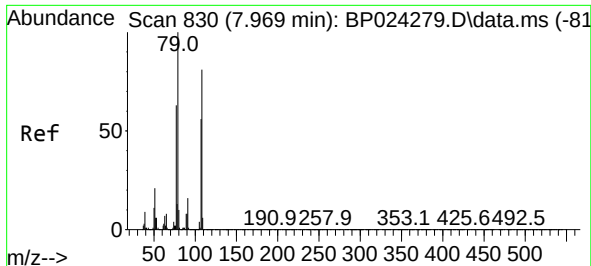
Delta R.T. -0.006 min

Lab File: BP024393.D

Acq: 23 Apr 2025 12:46

Tgt Ion:	146	Resp:	714587
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.0	76.4
111	43.8	33.8	50.8





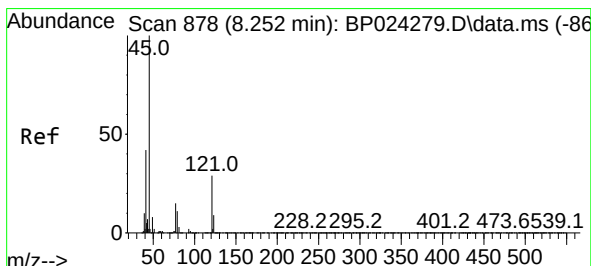
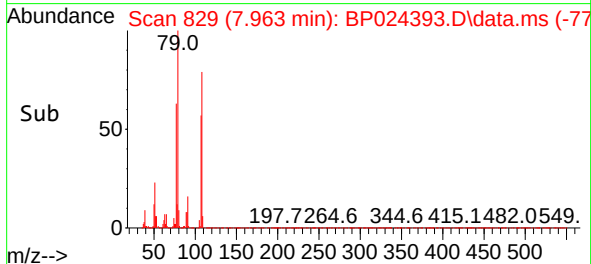
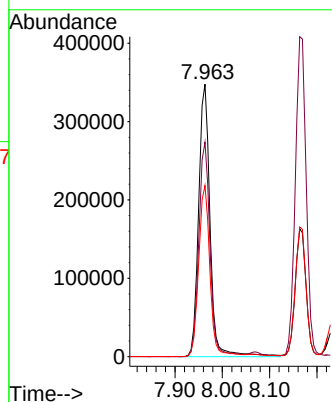
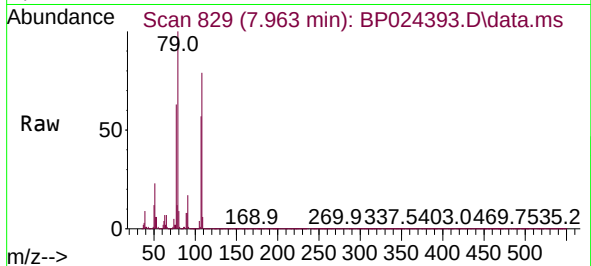
#15
Benzyl Alcohol
Concen: 47.712 ng
RT: 7.963 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

Instrument :
BNA_P
ClientSampleId :
PB167700BS

Tgt Ion: 79 Resp: 58366
Ion Ratio Lower Upper
79 100
108 78.7 65.1 97.7
77 62.8 50.7 76.1

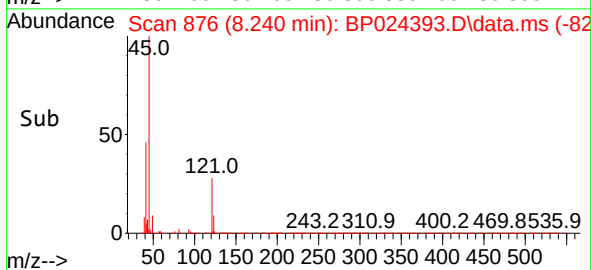
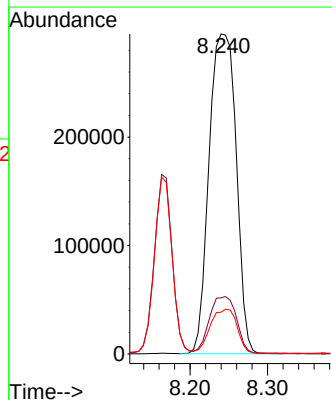
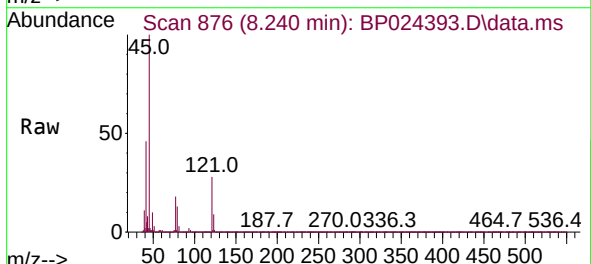
Manual Integrations
APPROVED

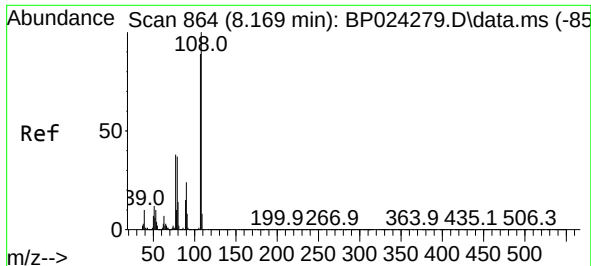
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.414 ng
RT: 8.240 min Scan# 876
Delta R.T. -0.006 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

Tgt Ion: 45 Resp: 717444
Ion Ratio Lower Upper
45 100
77 17.5 0.0 37.7
79 13.1 0.0 33.5





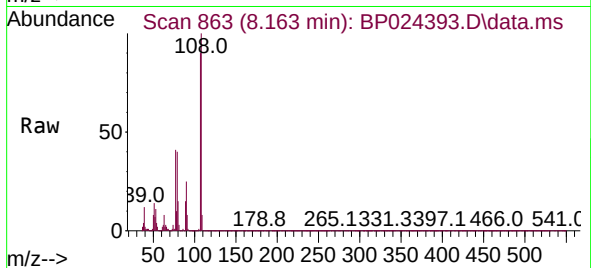
#17
2-Methylphenol
Concen: 47.654 ng
RT: 8.163 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

Instrument :

BNA_P

ClientSampleId :

PB167700BS



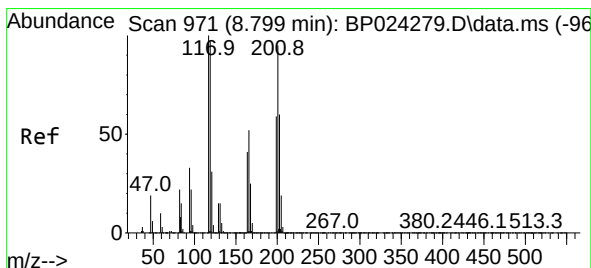
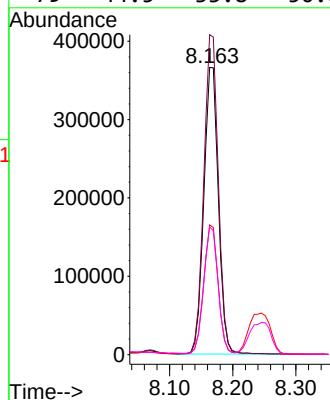
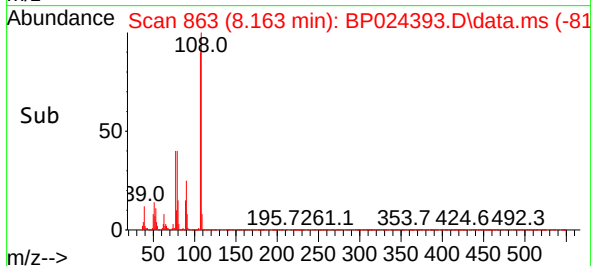
Tgt Ion:107 Resp: 58497
Ion Ratio Lower Upper
107 100
108 111.4 89.8 134.6
77 45.2 34.2 51.4
79 44.5 33.8 50.8

Manual Integrations

APPROVED

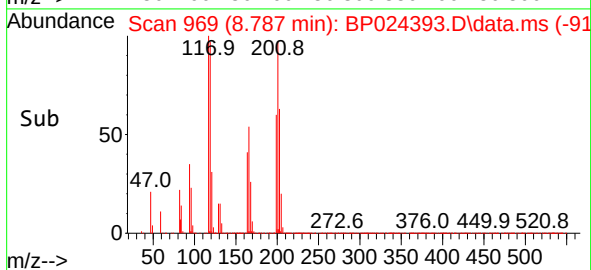
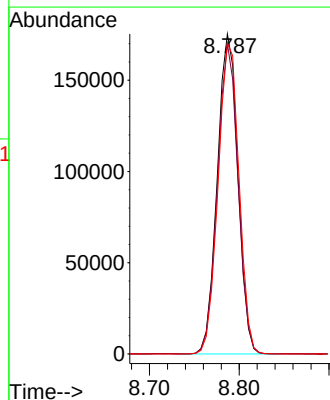
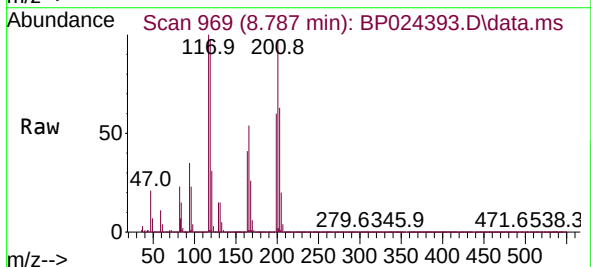
Reviewed By :Rahul Chavli 04/24/2025

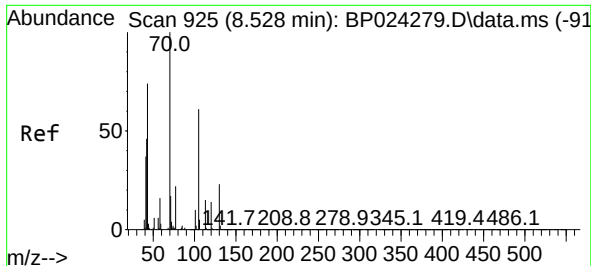
Supervised By :Jagrut Upadhyay 04/24/2025



#18
Hexachloroethane
Concen: 45.948 ng
RT: 8.787 min Scan# 969
Delta R.T. -0.006 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

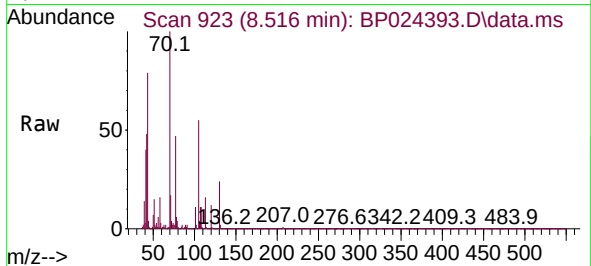
Tgt Ion:117 Resp: 279760
Ion Ratio Lower Upper
117 100
119 97.0 77.8 116.6
201 97.2 75.9 113.9





#19
n-Nitroso-di-n-propylamine
Concen: 40.823 ng
RT: 8.516 min Scan# 918
Delta R.T. -0.006 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

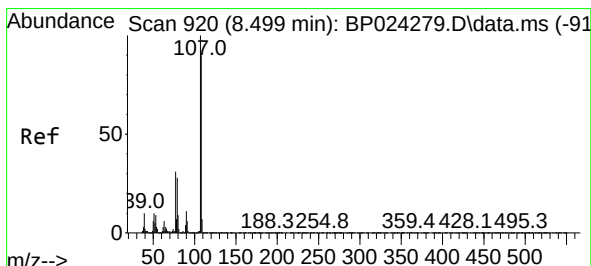
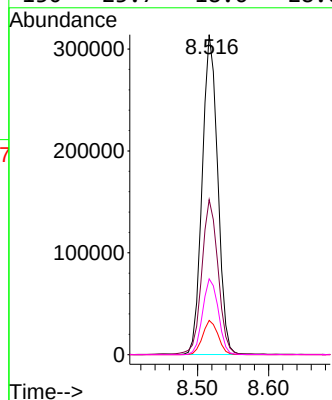
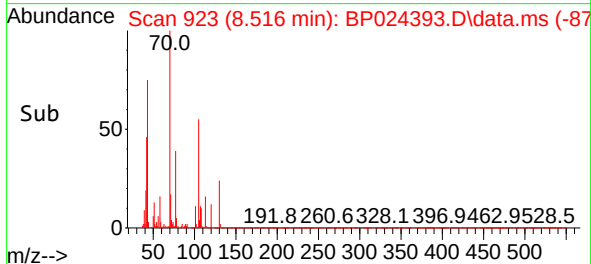
Instrument :
BNA_P
ClientSampleId :
PB167700BS



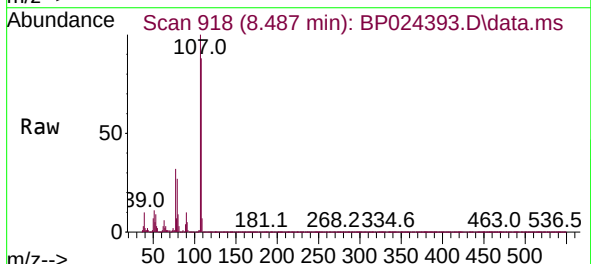
Tgt Ion: 70 Resp: 47774
Ion Ratio Lower Upper
70 100
42 48.5 37.3 55.9
101 10.7 8.2 12.4
130 23.7 18.6 28.0

Manual Integrations
APPROVED

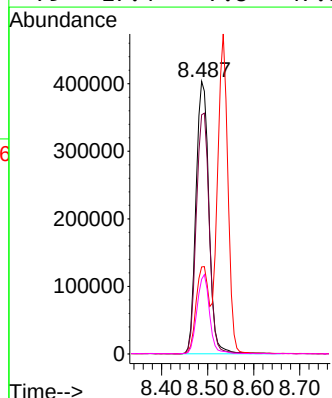
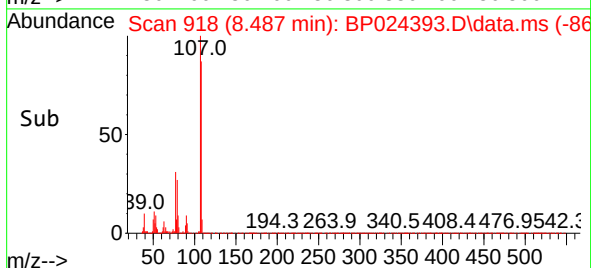
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

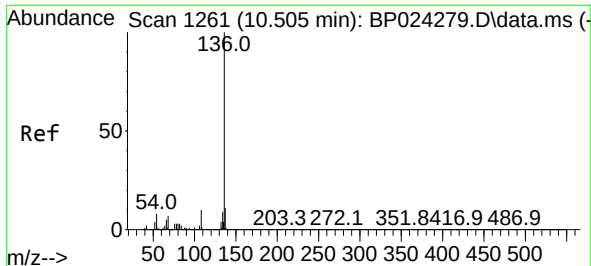


#20
3+4-Methylphenols
Concen: 46.122 ng
RT: 8.487 min Scan# 918
Delta R.T. -0.006 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46



Tgt Ion:107 Resp: 785578
Ion Ratio Lower Upper
107 100
108 87.7 69.8 109.8
77 31.9 11.5 51.5
79 27.4 7.8 47.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.493 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

Instrument :

BNA_P

ClientSampleId :

PB167700BS

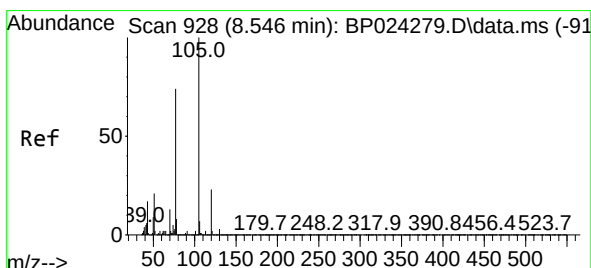
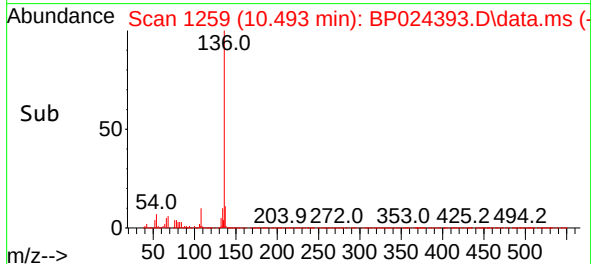
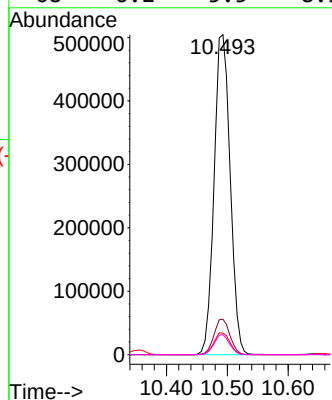
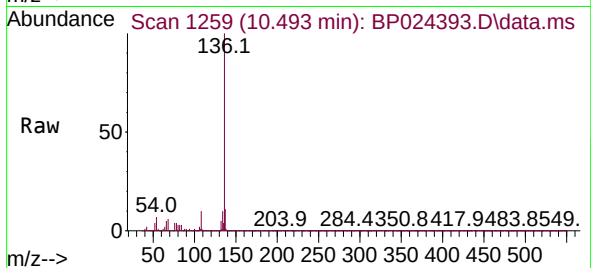
Tgt Ion:136 Resp: 923990
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 6.7 6.0 9.0
68 6.2 5.5 8.3

Manual Integrations

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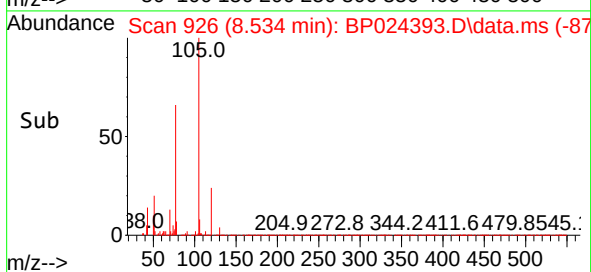
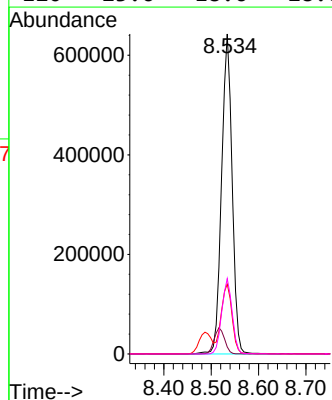
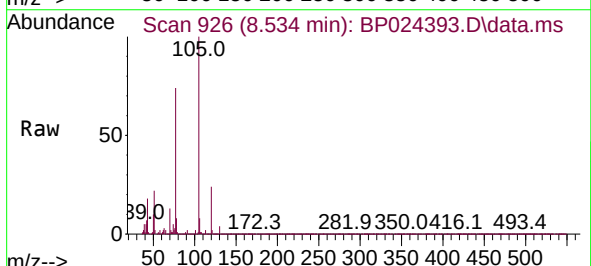
Reviewed By :Rahul Chavli 04/24/2025

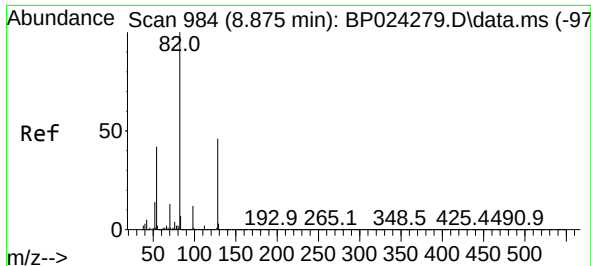
Supervised By :Jagrut Upadhyay 04/24/2025



#22
Acetophenone
Concen: 43.462 ng
RT: 8.534 min Scan# 926
Delta R.T. -0.006 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

Tgt Ion:105 Resp: 993947
Ion Ratio Lower Upper
105 100
71 2.2 1.7 2.5
51 21.9 16.9 25.3
120 23.6 18.6 28.0





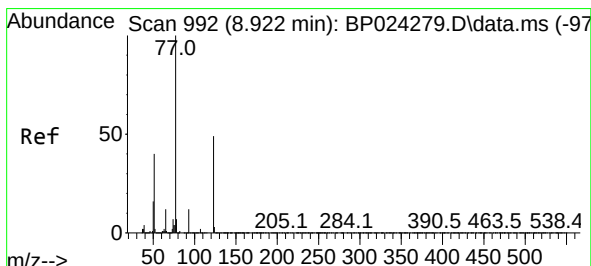
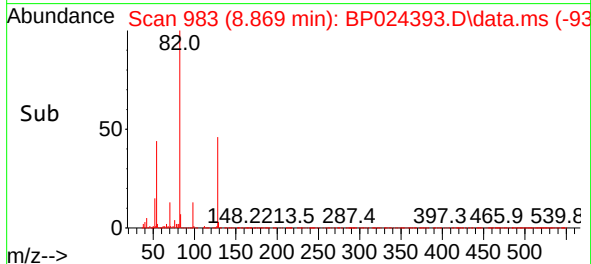
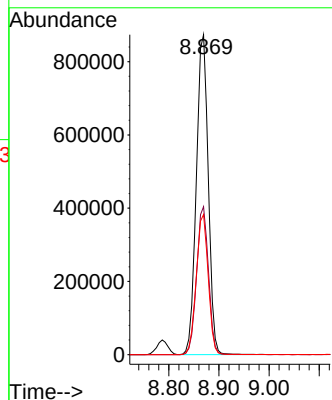
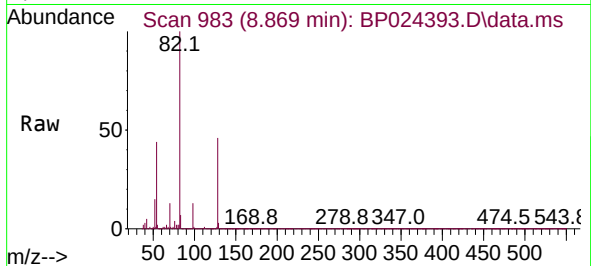
#23
Nitrobenzene-d5
Concen: 88.807 ng
RT: 8.869 min Scan# 910
Delta R.T. 0.000 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

Instrument :
BNA_P
ClientSampleId :
PB167700BS

Tgt Ion: 82 Resp: 1439069
Ion Ratio Lower Upper
82 100
128 46.3 36.5 54.7
54 43.8 33.4 50.2

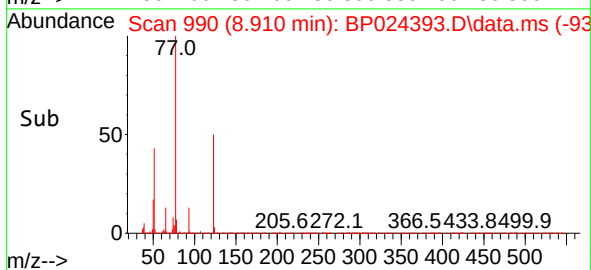
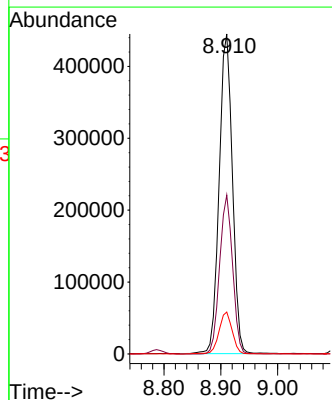
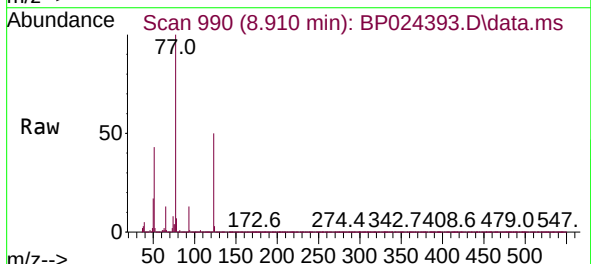
Manual Integrations
APPROVED

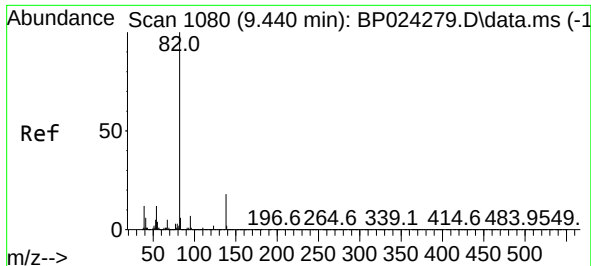
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#24
Nitrobenzene
Concen: 44.985 ng
RT: 8.910 min Scan# 990
Delta R.T. 0.000 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

Tgt Ion: 77 Resp: 721129
Ion Ratio Lower Upper
77 100
123 49.7 39.2 58.8
65 13.1 9.8 14.6





#25
Isophorone
Concen: 45.522 ng
RT: 9.428 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

Instrument :

BNA_P

ClientSampleId :

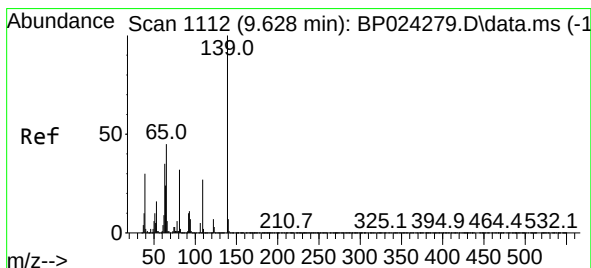
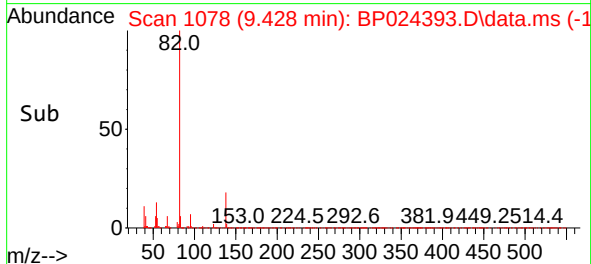
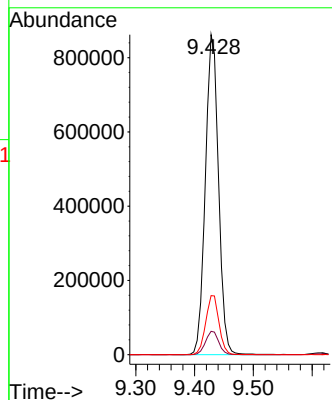
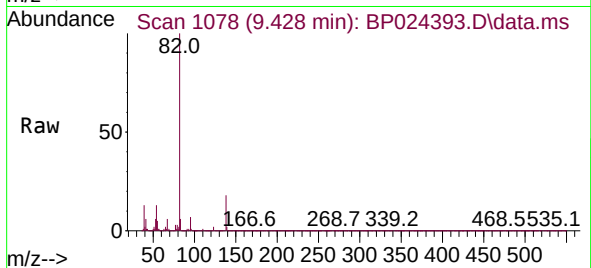
PB167700BS

Tgt Ion: 82 Resp: 133521
Ion Ratio Lower Upper
82 100
95 7.3 5.4 8.2
138 18.4 14.4 21.6

Manual Integrations

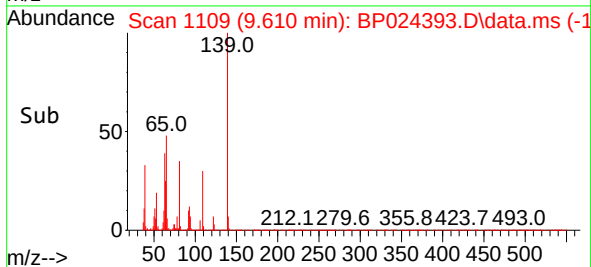
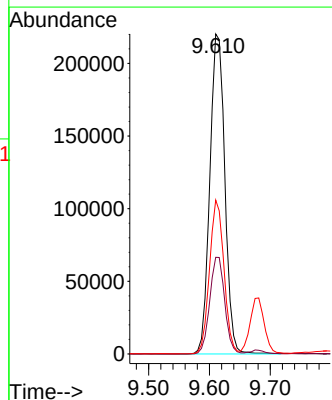
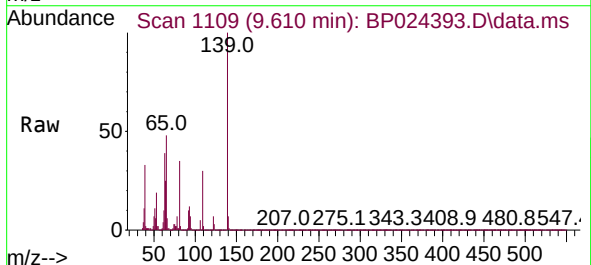
APPROVED

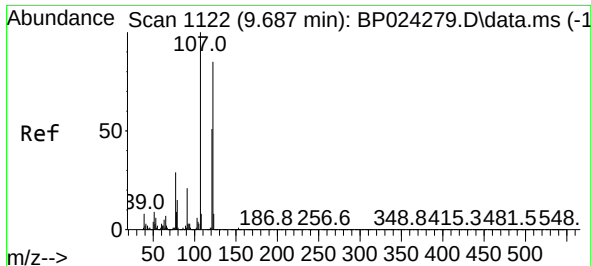
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#26
2-Nitrophenol
Concen: 48.066 ng
RT: 9.610 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

Tgt Ion:139 Resp: 377067
Ion Ratio Lower Upper
139 100
109 30.2 21.8 32.6
65 48.1 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 65.962 ng

RT: 9.681 min Scan# 1122

Delta R.T. 0.000 min

Lab File: BP024393.D

Acq: 23 Apr 2025 12:46

Instrument :

BNA_P

ClientSampleId :

PB167700BS

Tgt Ion:122 Resp: 64973

Ion Ratio Lower Upper

122 100

107 118.1 93.7 140.5

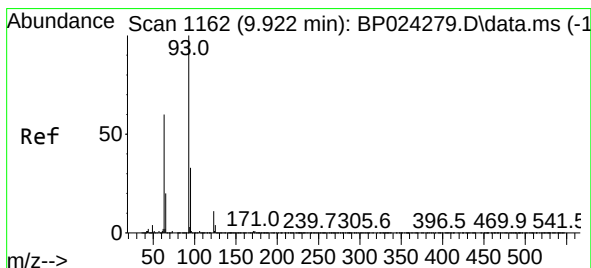
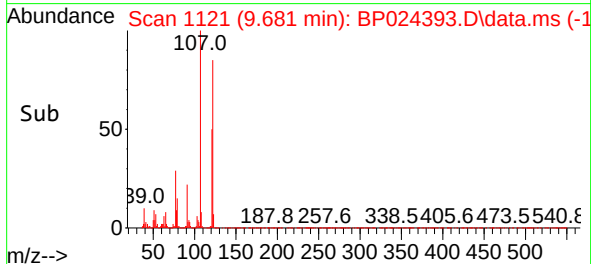
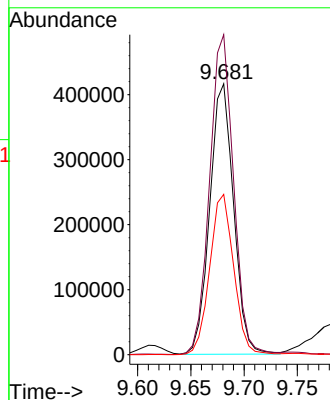
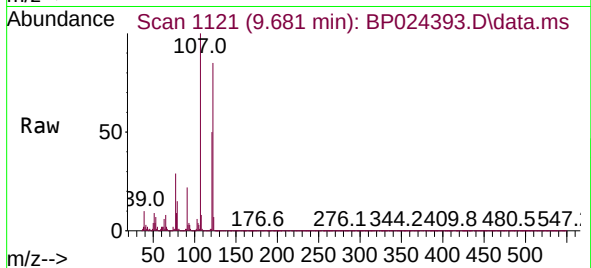
121 59.2 48.2 72.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025



#28

bis(2-Chloroethoxy)methane

Concen: 43.232 ng

RT: 9.910 min Scan# 1160

Delta R.T. 0.000 min

Lab File: BP024393.D

Acq: 23 Apr 2025 12:46

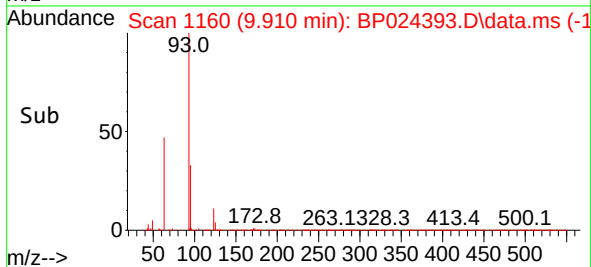
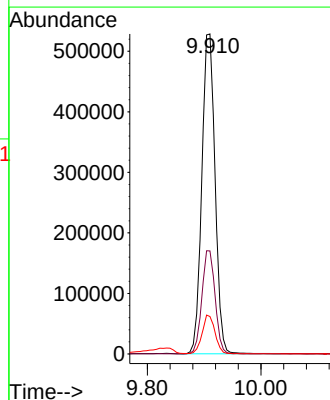
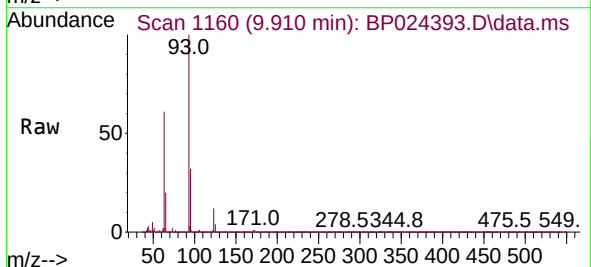
Tgt Ion: 93 Resp: 856622

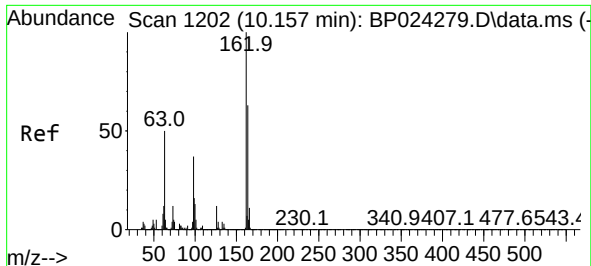
Ion Ratio Lower Upper

93 100

95 32.2 26.0 39.0

123 11.7 9.1 13.7





#29
2,4-Dichlorophenol
Concen: 47.691 ng
RT: 10.146 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

Instrument :

BNA_P

ClientSampleId :

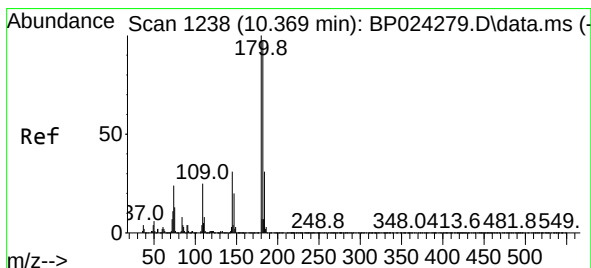
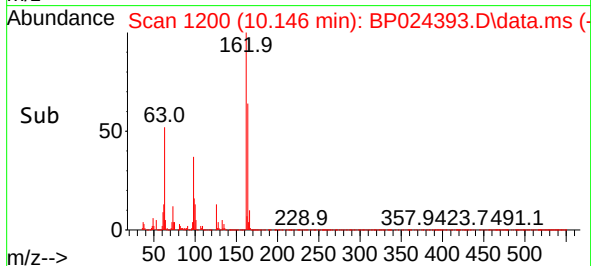
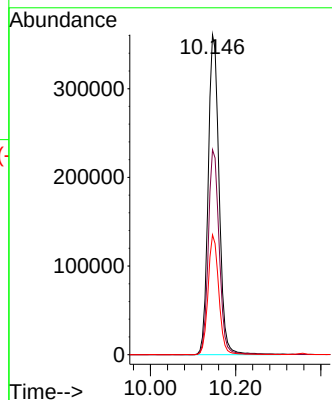
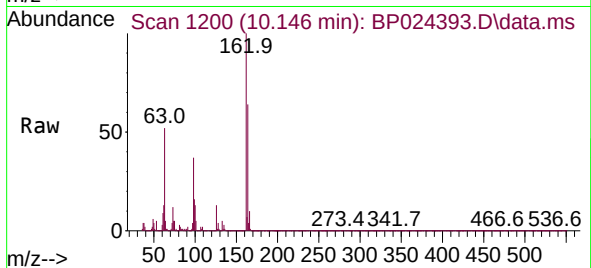
PB167700BS

Tgt Ion:162 Resp: 640518
Ion Ratio Lower Upper
162 100
164 64.0 43.3 83.3
98 37.5 16.6 56.6

Manual Integrations

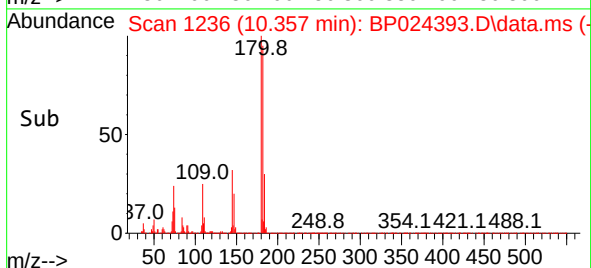
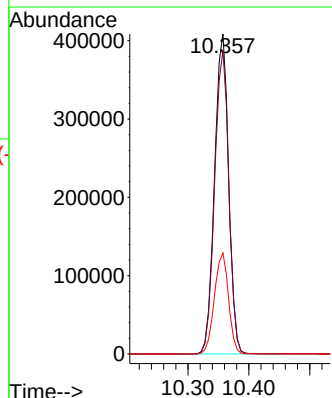
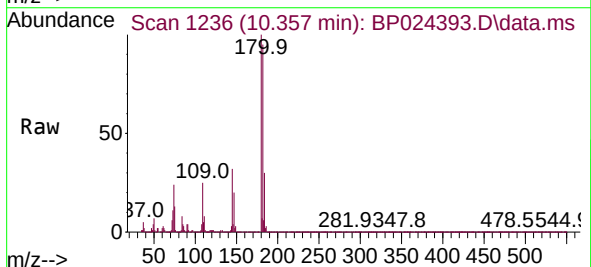
APPROVED

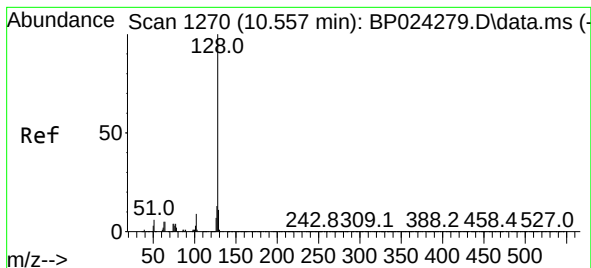
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#30
1,2,4-Trichlorobenzene
Concen: 45.730 ng
RT: 10.357 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

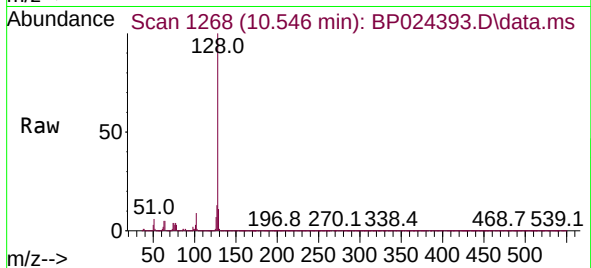
Tgt Ion:180 Resp: 658051
Ion Ratio Lower Upper
180 100
182 94.8 77.3 115.9
145 31.6 25.1 37.7





#31
Naphthalene
Concen: 42.534 ng
RT: 10.546 min Scan# 1127
Delta R.T. 0.000 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

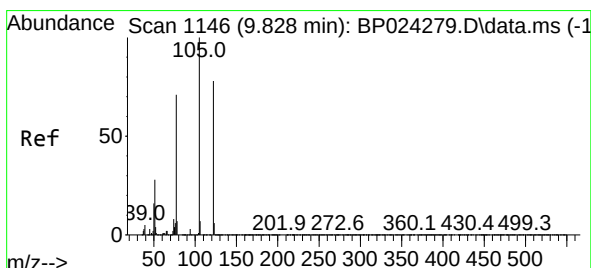
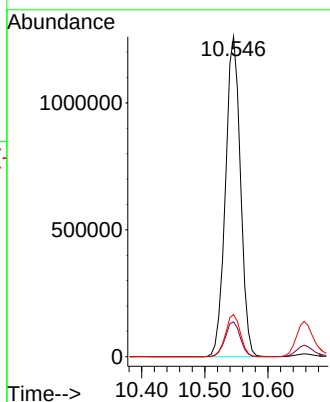
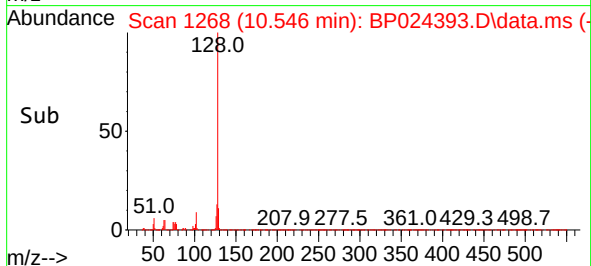
Instrument :
BNA_P
ClientSampleId :
PB167700BS



Tgt Ion:128 Resp: 207021
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.2 10.3 15.5

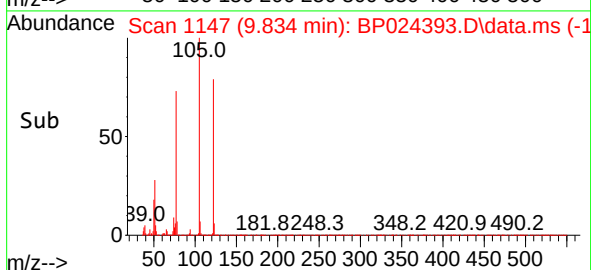
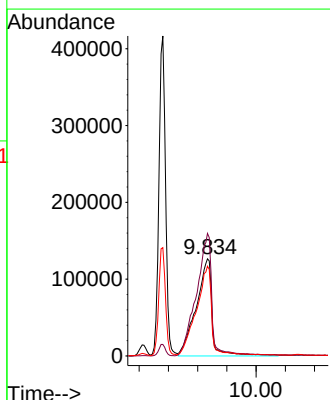
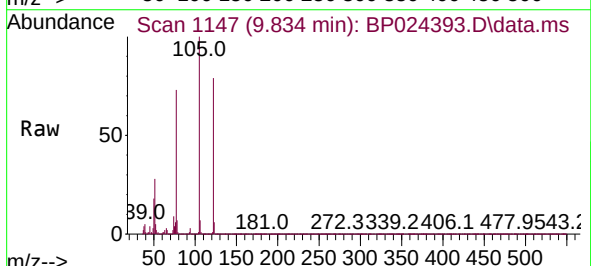
Manual Integrations
APPROVED

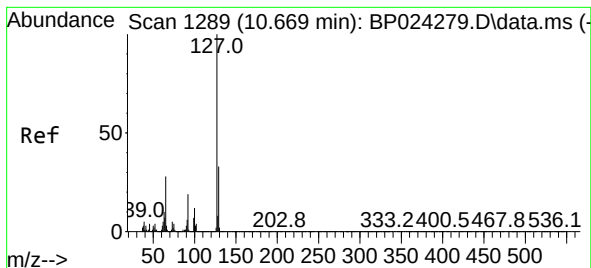
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#32
Benzoic acid
Concen: 42.139 ng m
RT: 9.834 min Scan# 1147
Delta R.T. 0.012 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

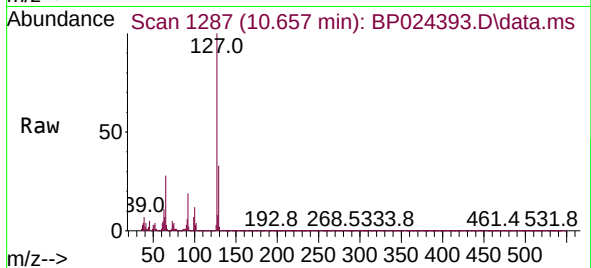
Tgt Ion:122 Resp: 483656
Ion Ratio Lower Upper
122 100
105 126.2 104.8 144.8
77 92.5 69.2 109.2





#33
4-Chloroaniline
Concen: 16.534 ng
RT: 10.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

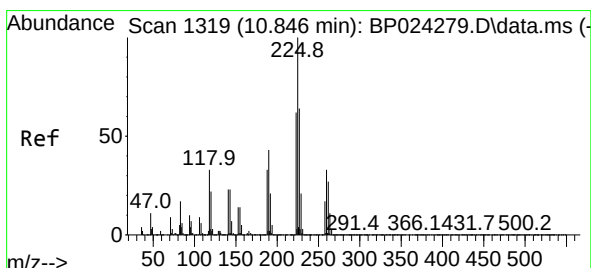
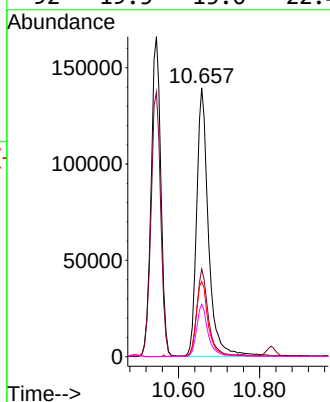
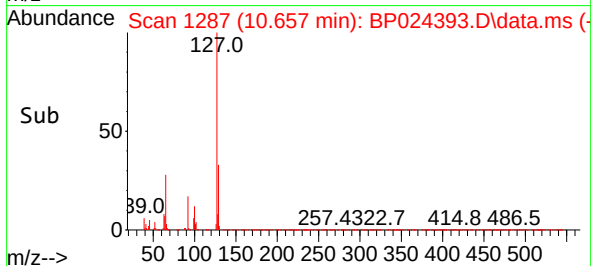
Instrument :
BNA_P
ClientSampleId :
PB167700BS



Tgt Ion:127 Resp: 283400
Ion Ratio Lower Upper
127 100
129 32.6 26.1 39.1
65 28.0 22.1 33.1
92 19.5 15.0 22.4

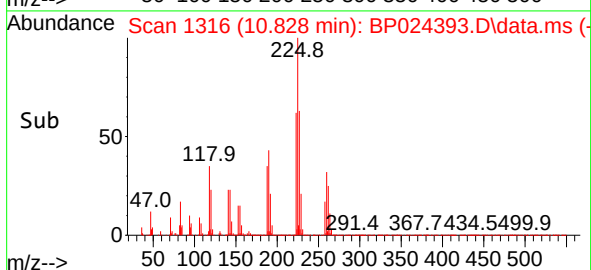
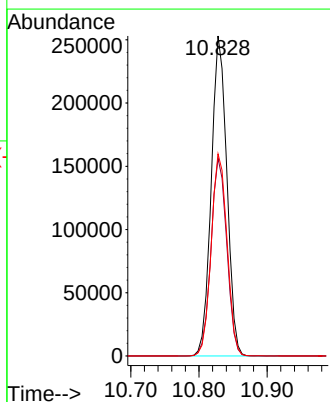
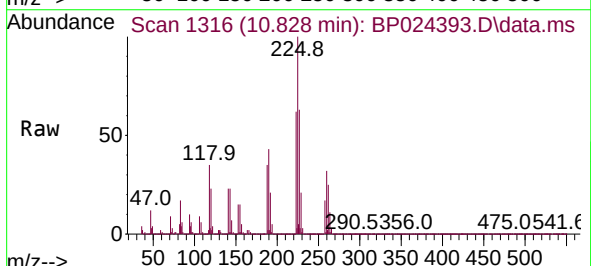
Manual Integrations
APPROVED

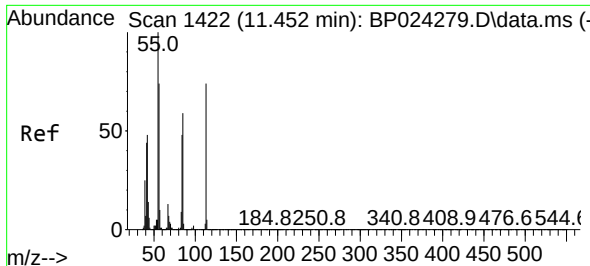
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#34
Hexachlorobutadiene
Concen: 47.609 ng
RT: 10.828 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

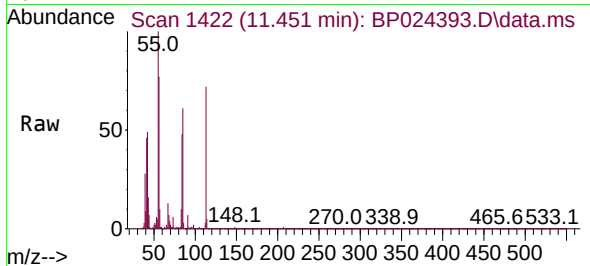
Tgt Ion:225 Resp: 402576
Ion Ratio Lower Upper
225 100
223 61.7 49.5 74.3
227 63.2 50.9 76.3





#35
Caprolactam
Concen: 42.711 ng
RT: 11.451 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

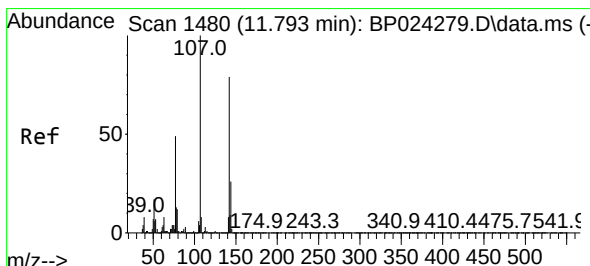
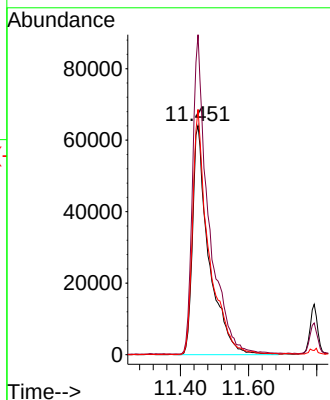
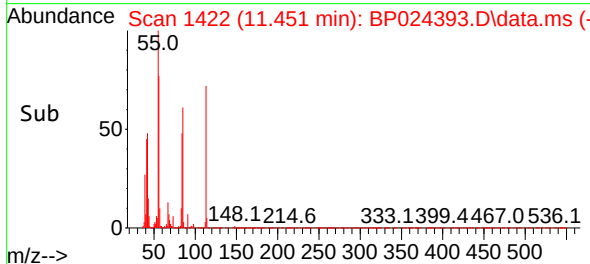
Instrument :
BNA_P
ClientSampleId :
PB167700BS



Tgt Ion:113 Resp: 21166
Ion Ratio Lower Upper
113 100
55 139.7 115.9 155.9
56 107.1 81.1 121.1

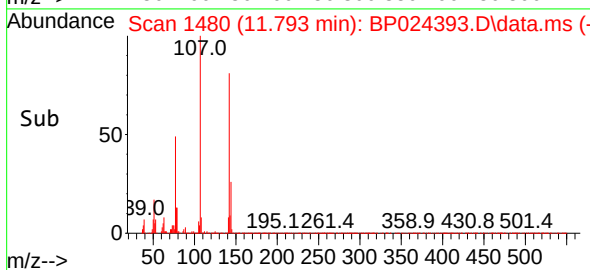
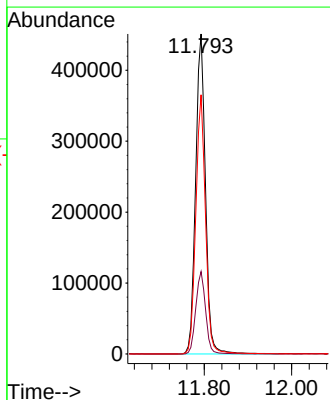
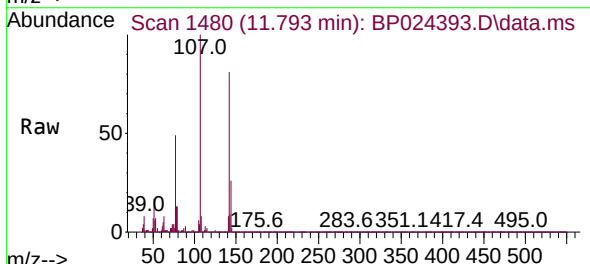
Manual Integrations
APPROVED

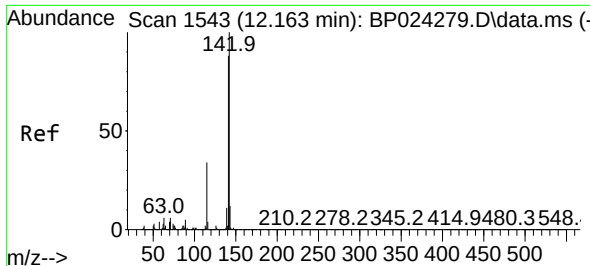
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#36
4-Chloro-3-methylphenol
Concen: 45.169 ng
RT: 11.793 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

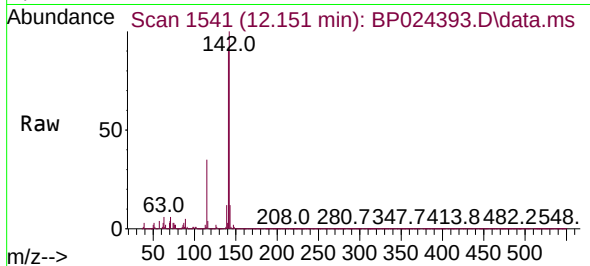
Tgt Ion:107 Resp: 706611
Ion Ratio Lower Upper
107 100
144 25.8 20.5 30.7
142 81.0 63.4 95.2





#37
2-Methylnaphthalene
Concen: 38.860 ng
RT: 12.151 min Scan# 1541
Delta R.T. -0.006 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

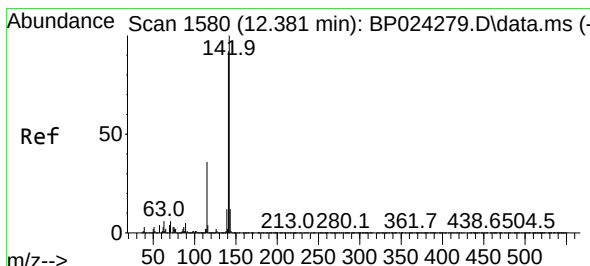
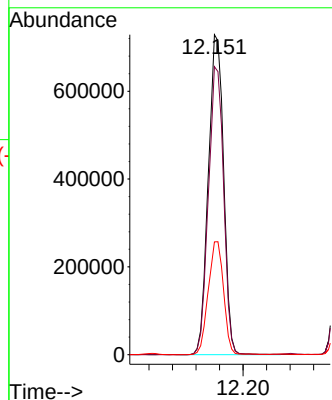
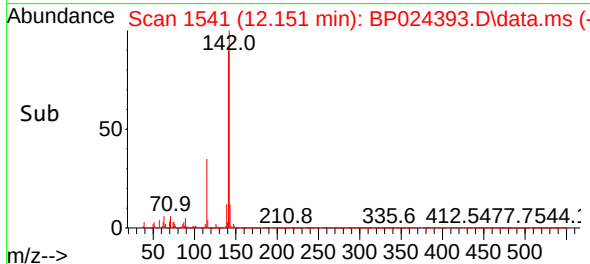
Instrument :
BNA_P
ClientSampleId :
PB167700BS



Tgt Ion:142 Resp: 1311735
Ion Ratio Lower Upper
142 100
141 90.0 70.3 105.5
115 35.3 26.9 40.3

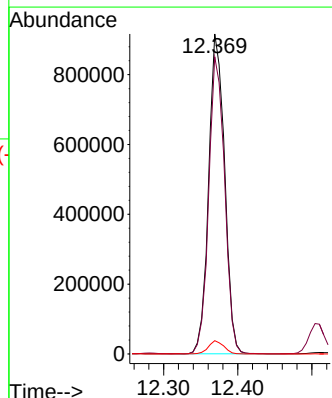
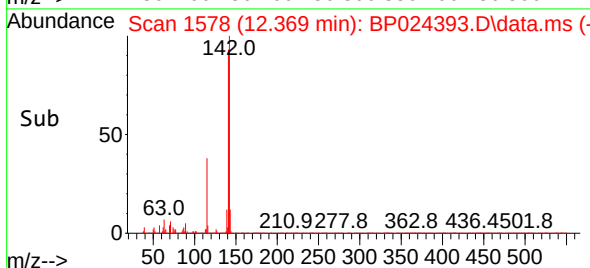
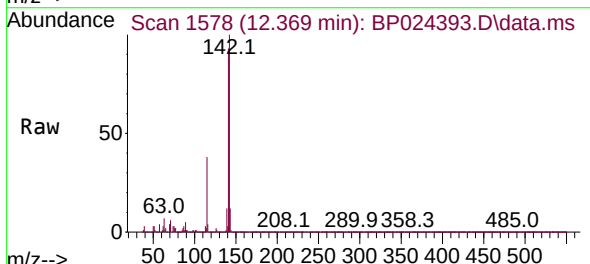
Manual Integrations
APPROVED

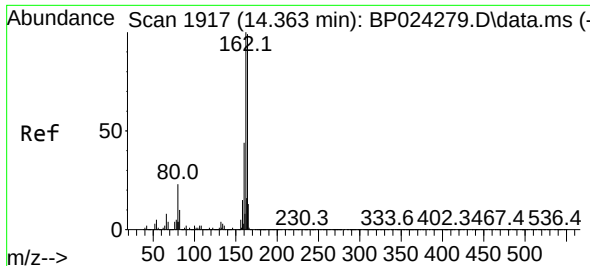
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#38
1-Methylnaphthalene
Concen: 41.480 ng
RT: 12.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

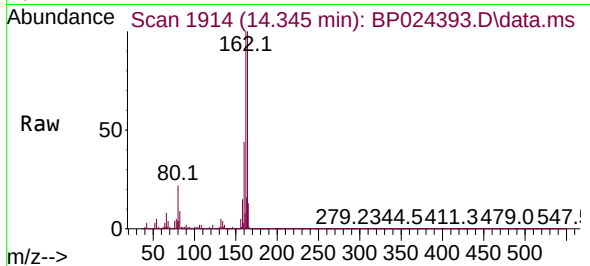
Tgt Ion:142 Resp: 1369757
Ion Ratio Lower Upper
142 100
141 92.8 73.6 110.4
116 4.1 3.0 4.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

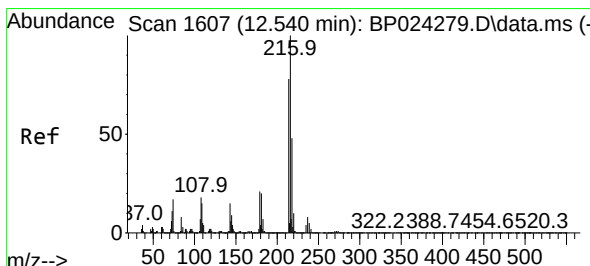
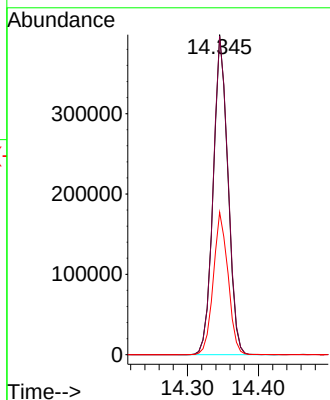
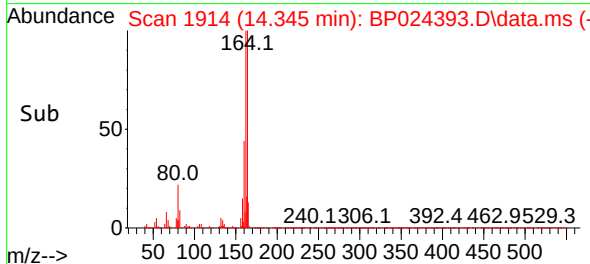
Instrument :
BNA_P
ClientSampleId :
PB167700BS



Tgt Ion:164 Resp: 569624
Ion Ratio Lower Upper
164 100
162 99.5 80.6 120.8
160 44.5 35.3 52.9

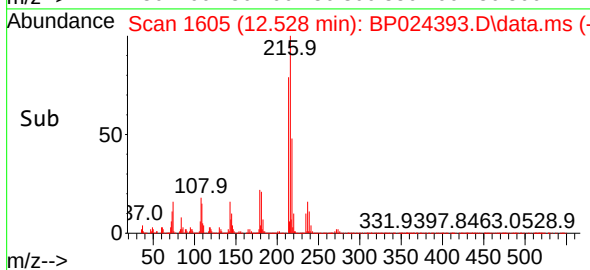
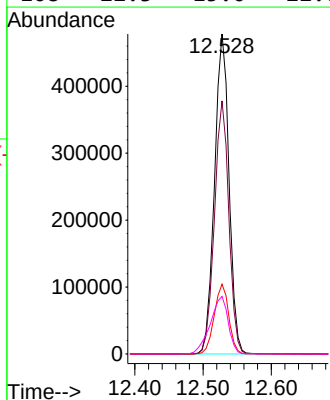
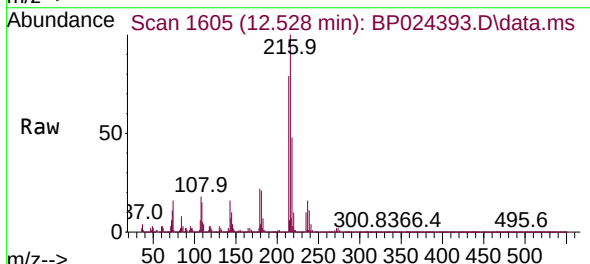
Manual Integrations
APPROVED

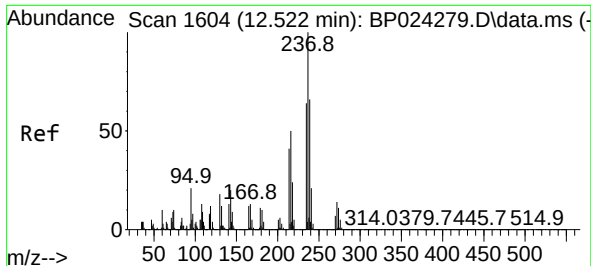
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.198 ng
RT: 12.528 min Scan# 1605
Delta R.T. 0.000 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

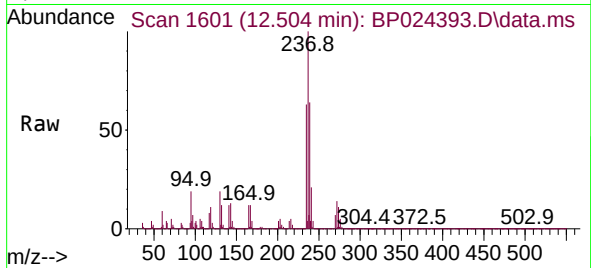
Tgt Ion:216 Resp: 708023
Ion Ratio Lower Upper
216 100
214 78.7 62.6 93.8
179 21.9 17.2 25.8
108 22.3 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 190.199 ng
RT: 12.504 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

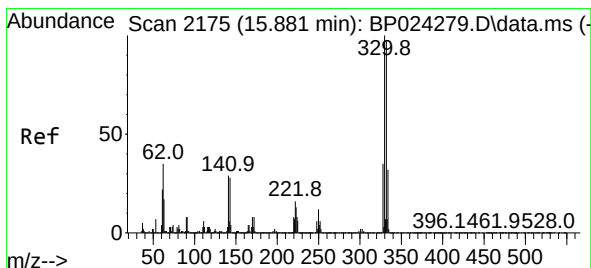
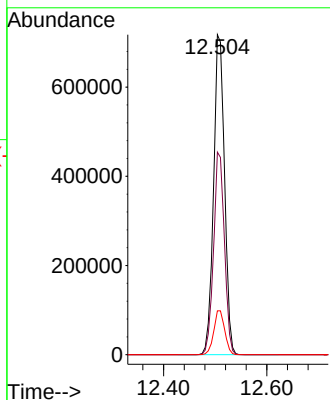
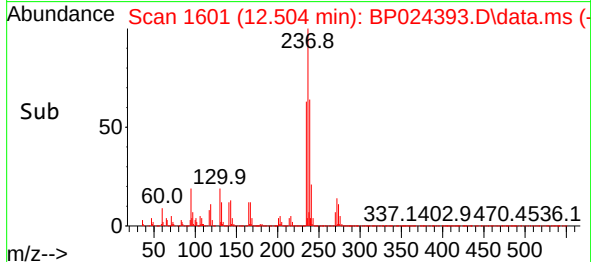
Instrument :
BNA_P
ClientSampleId :
PB167700BS



Tgt Ion:237 Resp: 1053739
Ion Ratio Lower Upper
237 100
235 63.3 43.9 83.9
272 13.7 0.0 33.6

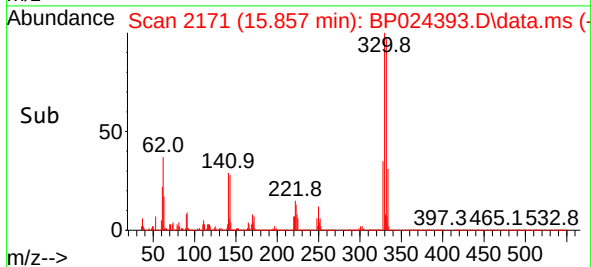
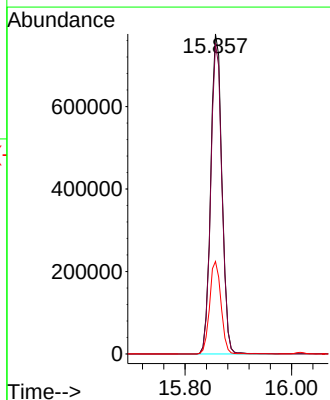
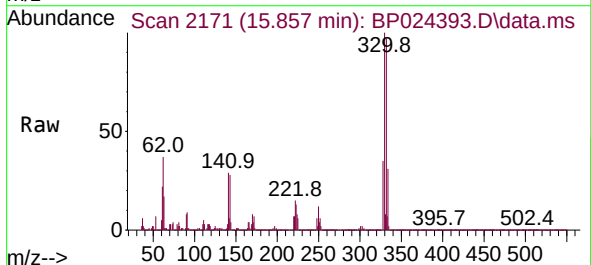
Manual Integrations
APPROVED

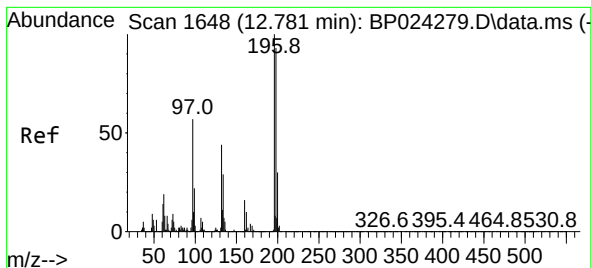
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#42
2,4,6-Tribromophenol
Concen: 143.235 ng
RT: 15.857 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

Tgt Ion:330 Resp: 1128841
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 29.4 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 48.407 ng

RT: 12.769 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024393.D

Acq: 23 Apr 2025 12:46

Instrument :

BNA_P

ClientSampleId :

PB167700BS

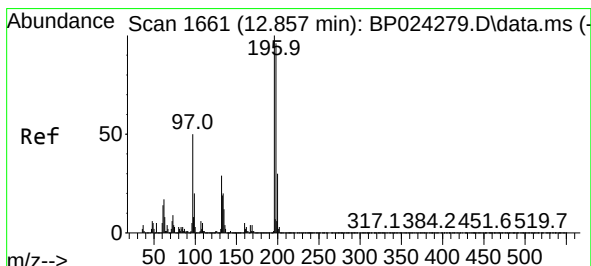
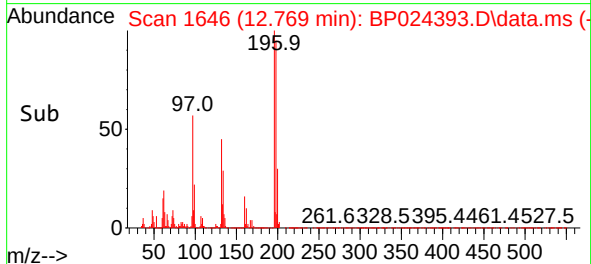
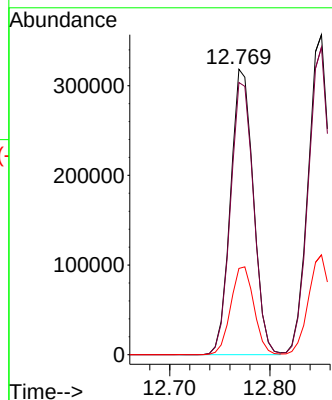
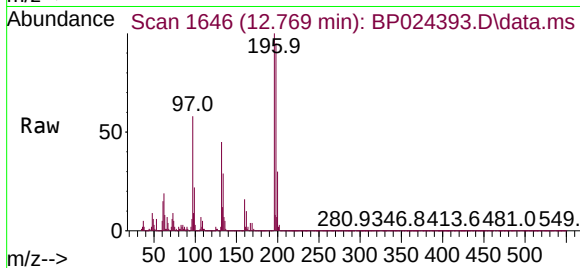
Tgt Ion:196 Resp: 50414
 Ion Ratio Lower Upper
 196 100
 198 95.3 74.3 111.5
 200 30.2 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025



#44

2,4,5-Trichlorophenol

Concen: 47.432 ng

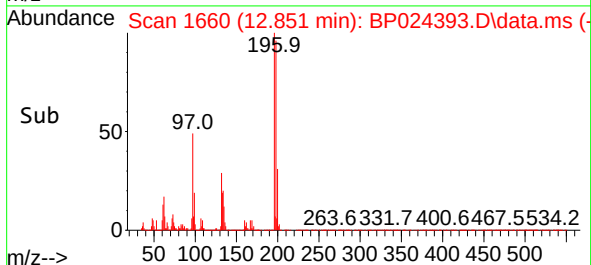
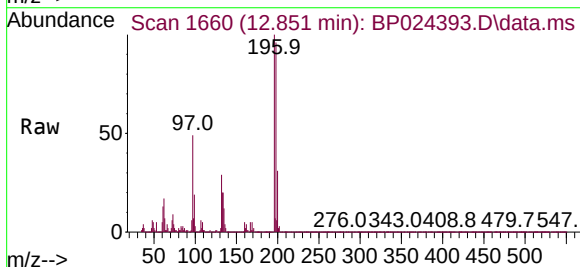
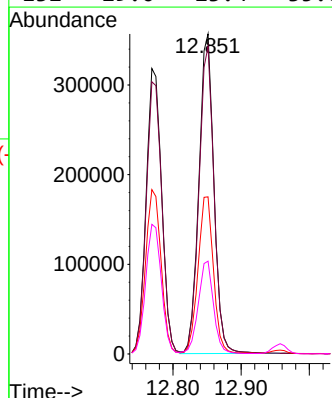
RT: 12.851 min Scan# 1660

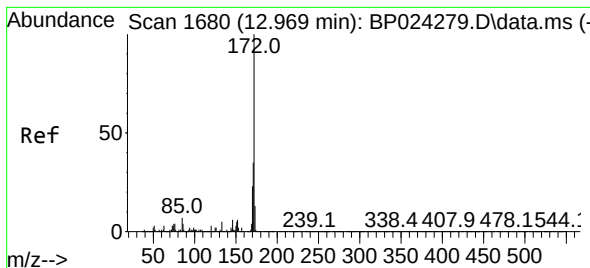
Delta R.T. -0.006 min

Lab File: BP024393.D

Acq: 23 Apr 2025 12:46

Tgt Ion:196 Resp: 547035
 Ion Ratio Lower Upper
 196 100
 198 96.1 77.3 115.9
 97 49.1 40.4 60.6
 132 29.0 23.4 35.0





#45
2-Fluorobiphenyl
Concen: 88.701 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.006 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

Instrument :

BNA_P

ClientSampleId :

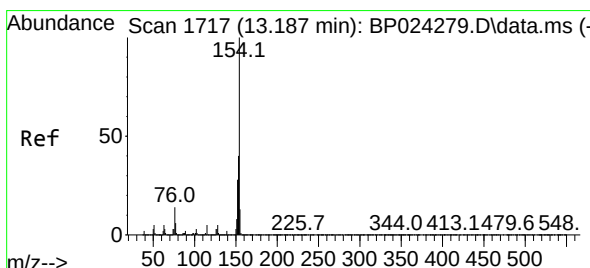
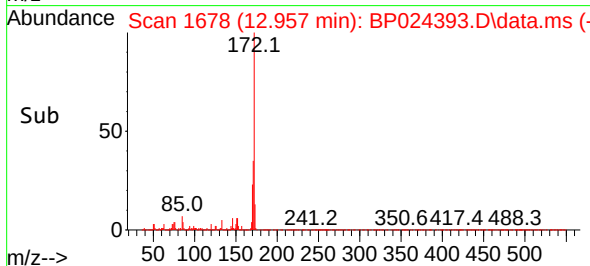
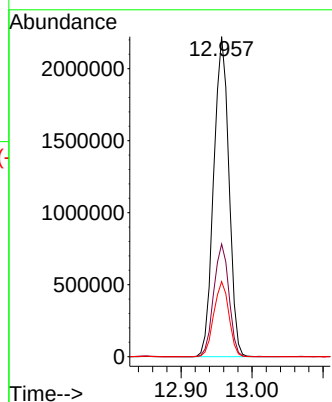
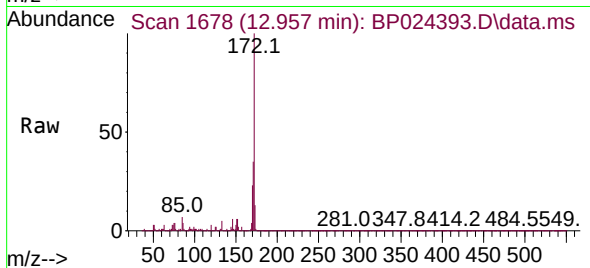
PB167700BS

Tgt Ion:172 Resp: 329996
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.5 18.6 27.8

Manual Integrations

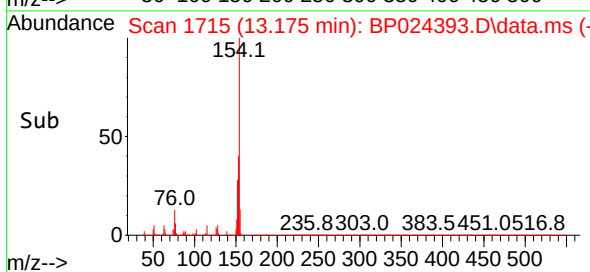
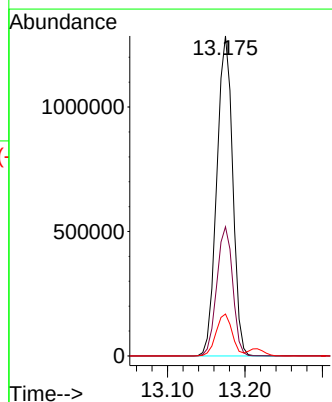
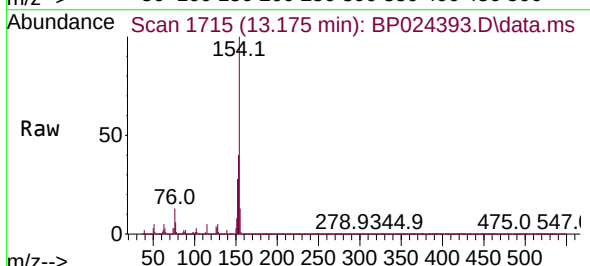
APPROVED

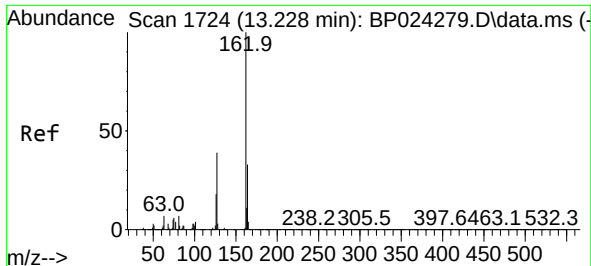
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#46
1,1'-Biphenyl
Concen: 43.837 ng
RT: 13.175 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

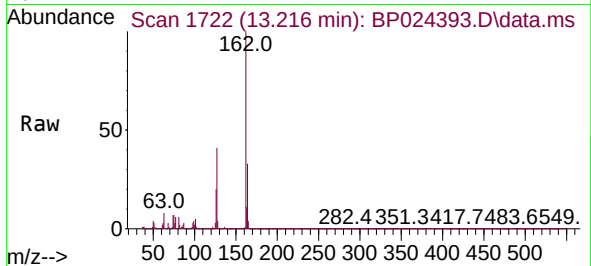
Tgt Ion:154 Resp: 1835465
Ion Ratio Lower Upper
154 100
153 40.4 20.3 60.3
76 13.1 0.0 33.5





#47
2-Chloronaphthalene
Concen: 44.660 ng
RT: 13.216 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

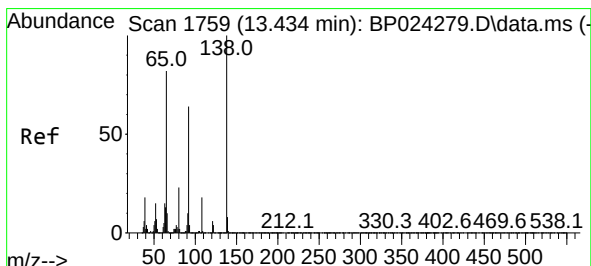
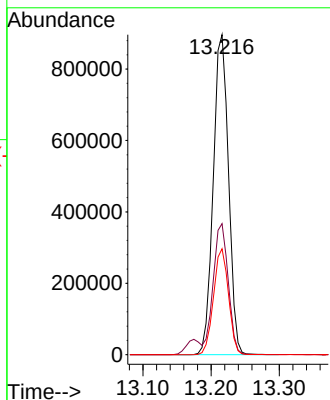
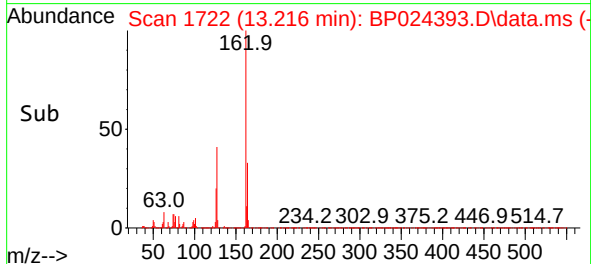
Instrument :
BNA_P
ClientSampleId :
PB167700BS



Tgt Ion:162 Resp: 1397562
Ion Ratio Lower Upper
162 100
127 41.0 31.9 47.9
164 33.1 26.2 39.4

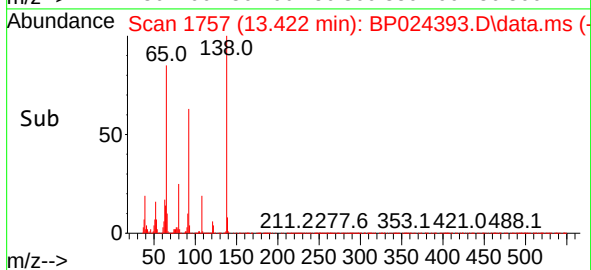
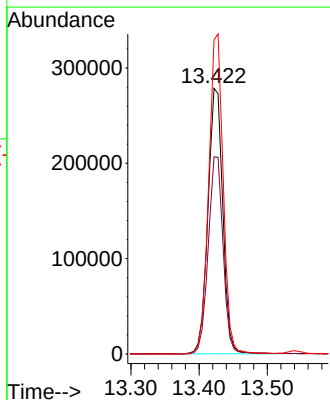
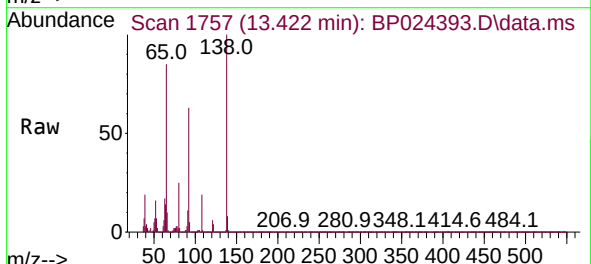
Manual Integrations
APPROVED

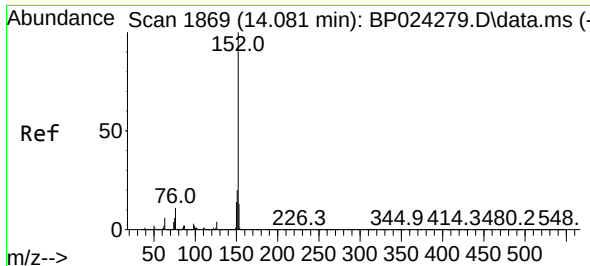
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#48
2-Nitroaniline
Concen: 48.095 ng
RT: 13.422 min Scan# 1757
Delta R.T. 0.000 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

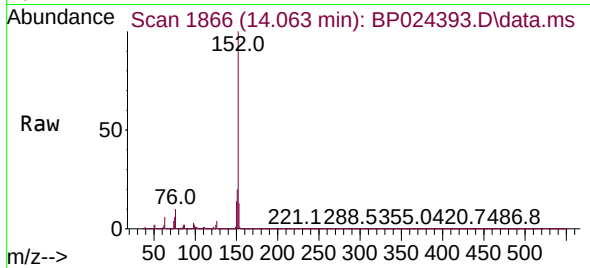
Tgt Ion: 65 Resp: 422175
Ion Ratio Lower Upper
65 100
92 74.2 62.3 93.5
138 118.2 97.2 145.8





#49
Acenaphthylene
Concen: 47.702 ng
RT: 14.063 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

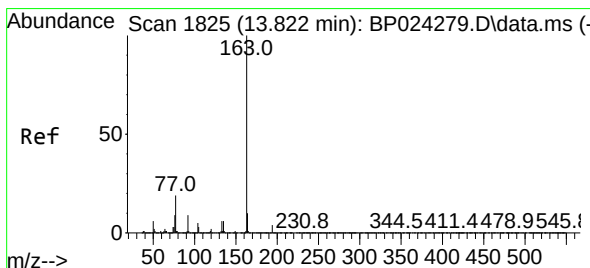
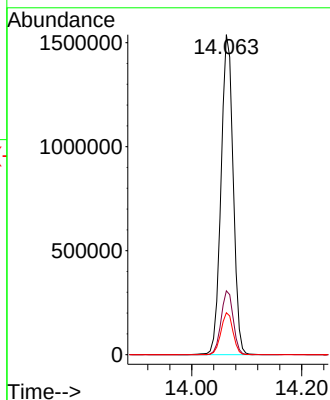
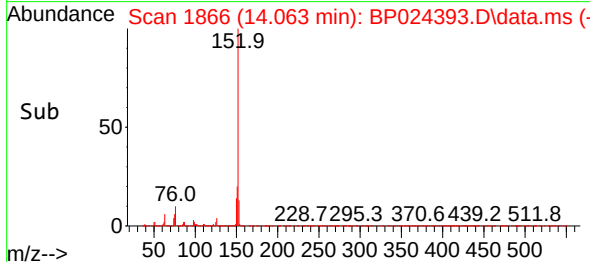
Instrument :
BNA_P
ClientSampleId :
PB167700BS



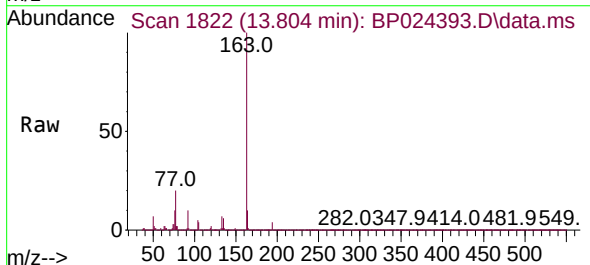
Tgt Ion:152 Resp: 2350248
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.1 10.6 15.8

Manual Integrations
APPROVED

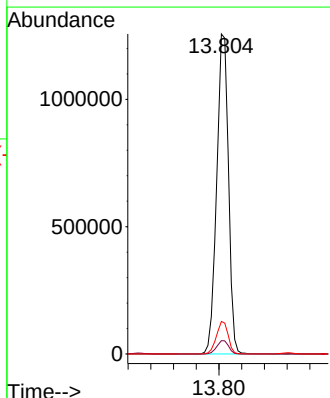
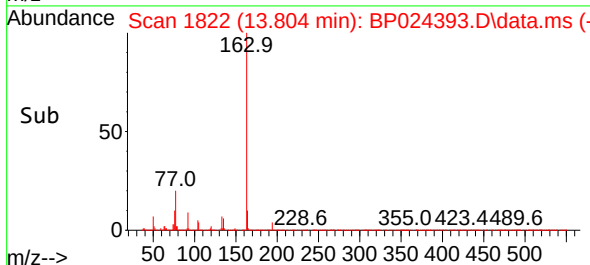
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

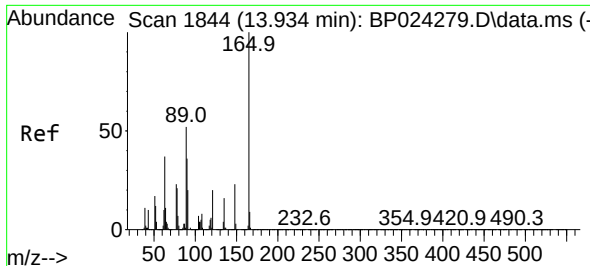


#50
Dimethylphthalate
Concen: 43.552 ng
RT: 13.804 min Scan# 1822
Delta R.T. -0.006 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46



Tgt Ion:163 Resp: 1804090
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.2 8.0 12.0





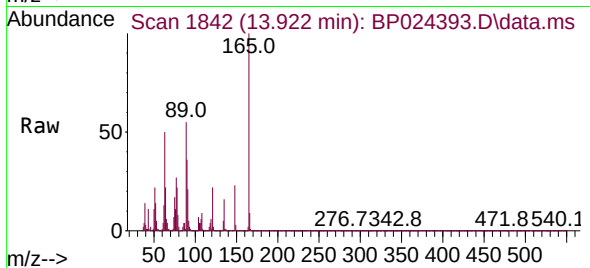
#51
2,6-Dinitrotoluene
Concen: 45.071 ng
RT: 13.922 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

Instrument :

BNA_P

ClientSampleId :

PB167700BS



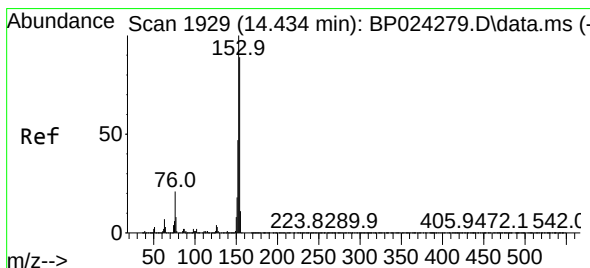
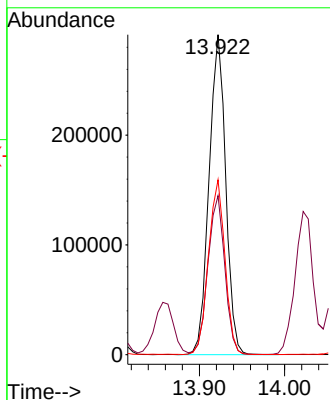
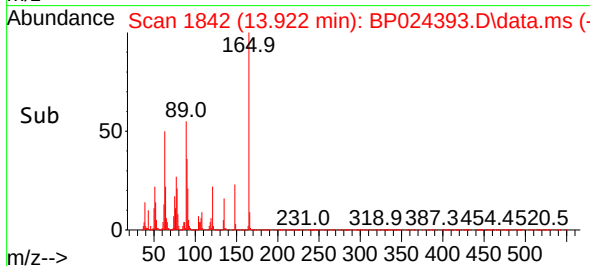
Tgt Ion:165 Resp: 396450
Ion Ratio Lower Upper
165 100
63 49.7 38.0 57.0
89 54.7 41.7 62.5

Manual Integrations

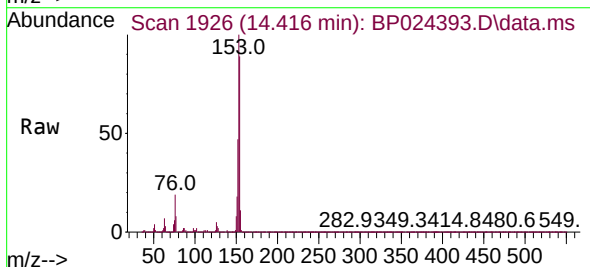
APPROVED

Reviewed By :Rahul Chavli 04/24/2025

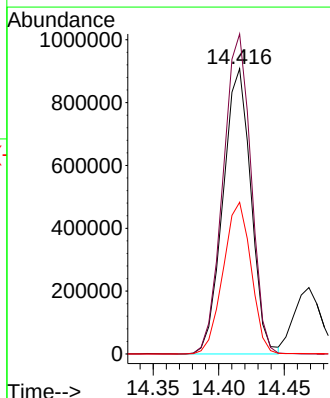
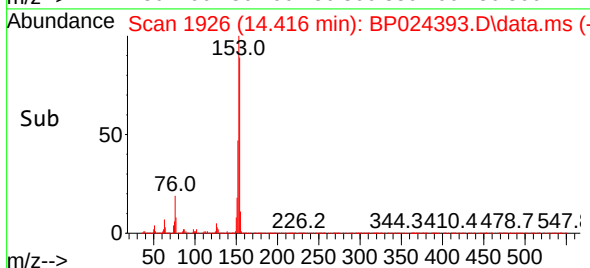
Supervised By :Jagrut Upadhyay 04/24/2025

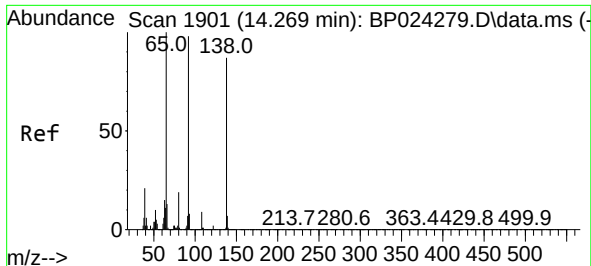


#52
Acenaphthene
Concen: 43.090 ng
RT: 14.416 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46



Tgt Ion:154 Resp: 1345917
Ion Ratio Lower Upper
154 100
153 112.2 89.8 134.6
152 53.2 42.6 63.8





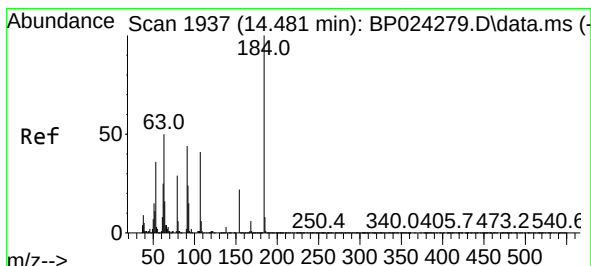
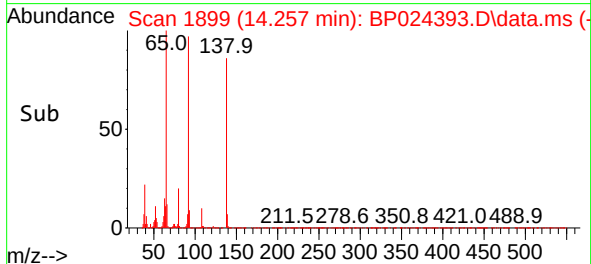
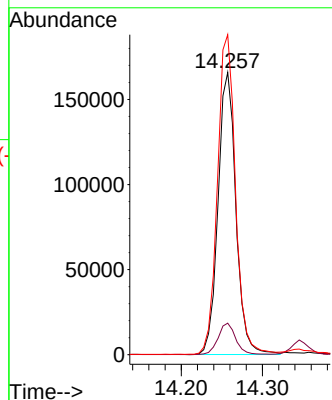
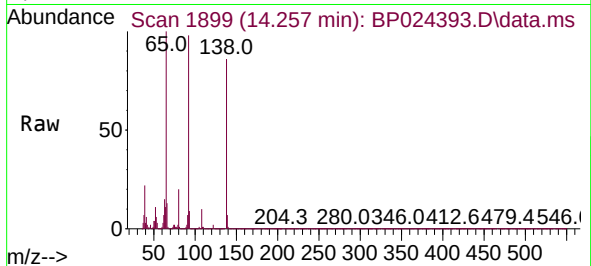
#53
3-Nitroaniline
Concen: 27.560 ng
RT: 14.257 min Scan# 1899
Delta R.T. -0.006 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

Instrument :
BNA_P
ClientSampleId :
PB167700BS

Tgt Ion:138 Resp: 25479
Ion Ratio Lower Upper
138 100
108 11.2 8.3 12.5
92 113.4 89.8 134.8

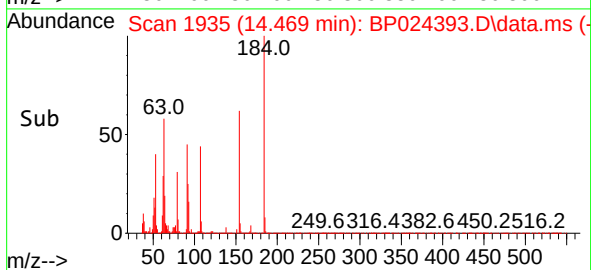
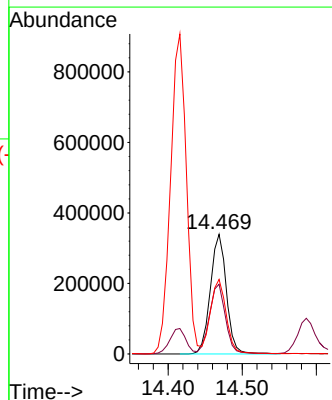
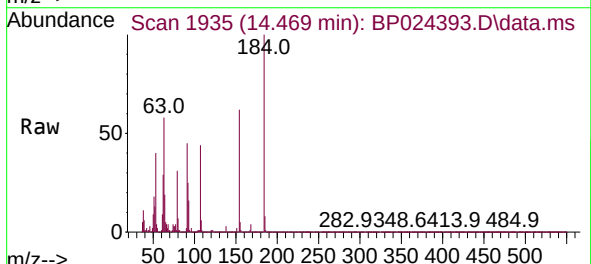
Manual Integrations
APPROVED

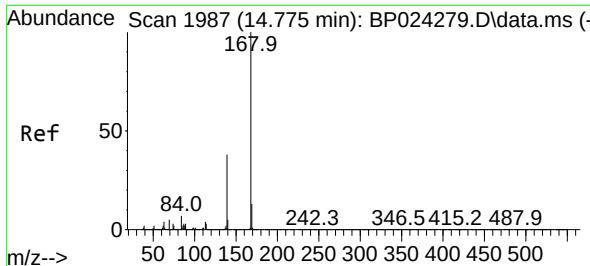
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#54
2,4-Dinitrophenol
Concen: 98.766 ng
RT: 14.469 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

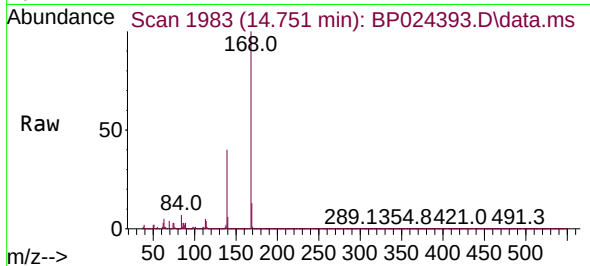
Tgt Ion:184 Resp: 511751
Ion Ratio Lower Upper
184 100
63 58.2 42.6 64.0
154 62.2 47.2 70.8





#55
Dibenzenofuran
Concen: 41.425 ng
RT: 14.751 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

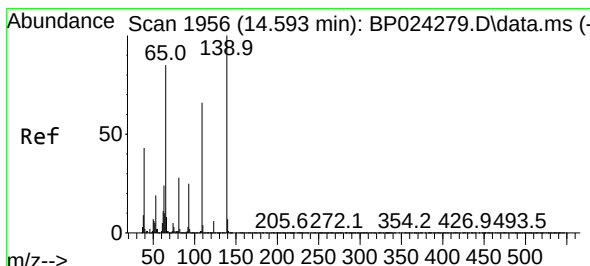
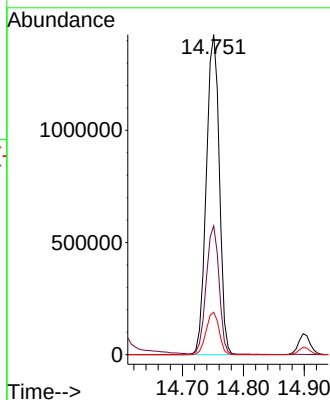
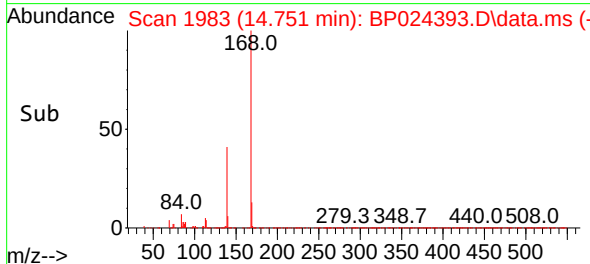
Instrument :
BNA_P
ClientSampleId :
PB167700BS



Tgt Ion:168 Resp: 2114970
Ion Ratio Lower Upper
168 100
139 40.3 30.3 45.5
169 13.2 10.6 16.0

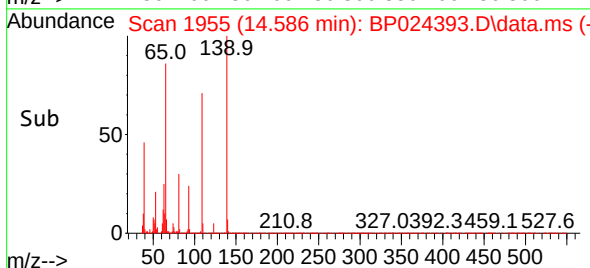
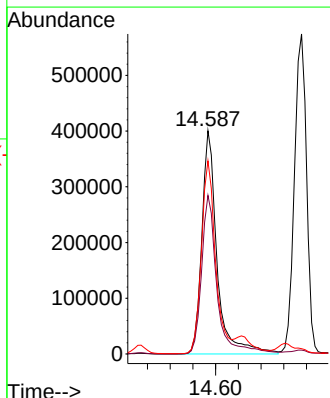
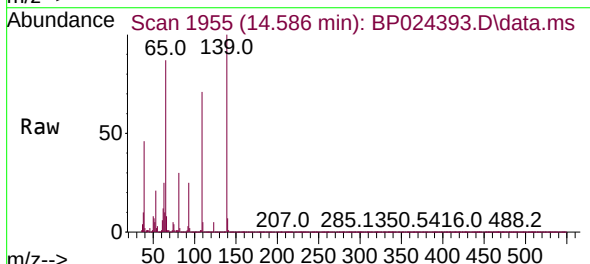
Manual Integrations
APPROVED

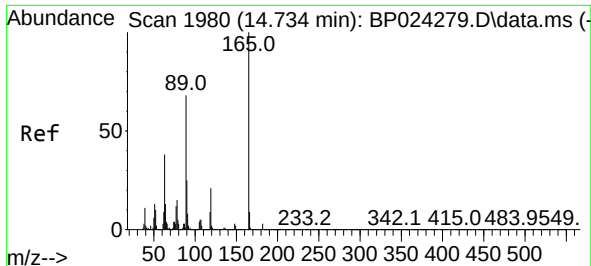
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#56
4-Nitrophenol
Concen: 93.171 ng
RT: 14.586 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

Tgt Ion:139 Resp: 743931
Ion Ratio Lower Upper
139 100
109 71.0 46.1 86.1
65 86.5 65.0 105.0





#57
2,4-Dinitrotoluene
Concen: 47.687 ng
RT: 14.722 min Scan# 1980
Delta R.T. 0.000 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

Instrument :

BNA_P

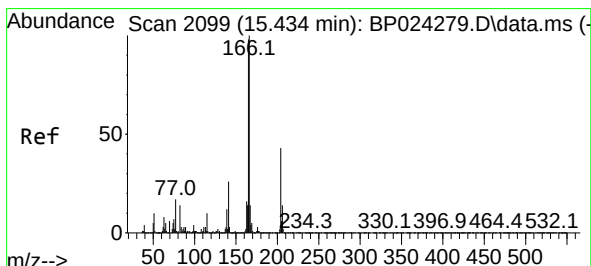
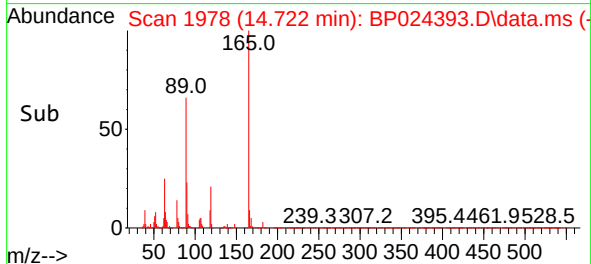
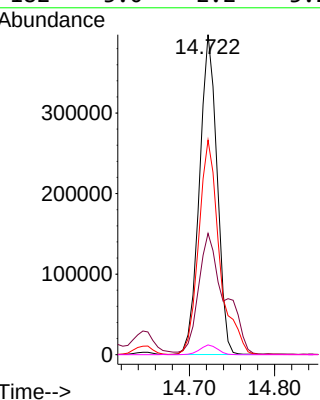
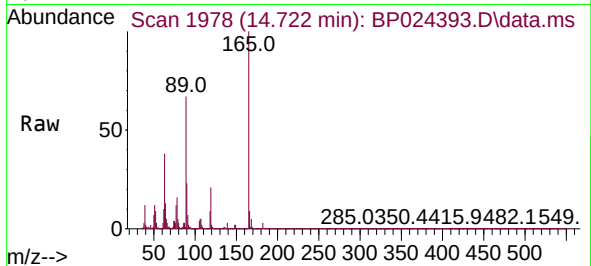
ClientSampleId :

PB167700BS

Tgt Ion:165 Resp: 57220
Ion Ratio Lower Upper
165 100
63 37.9 30.4 45.6
89 67.0 54.6 82.0
182 3.0 2.2 3.2

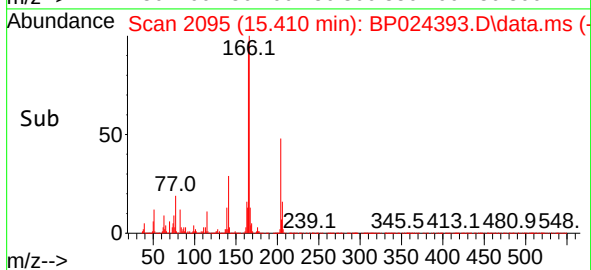
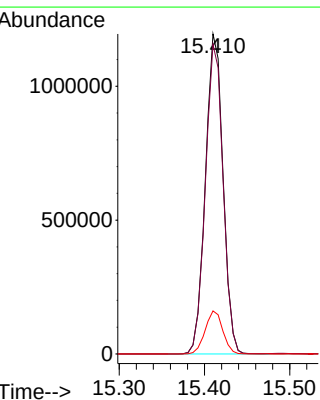
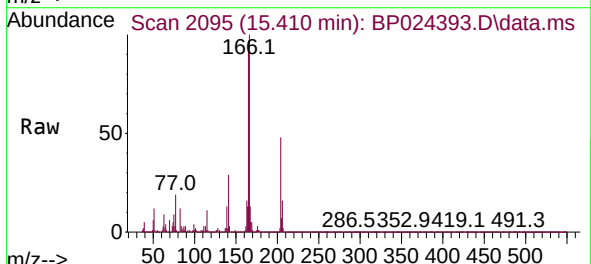
Manual Integrations
APPROVED

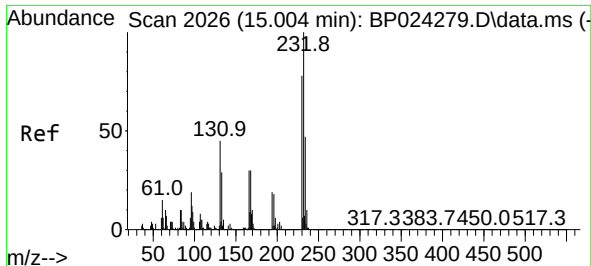
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#58
Fluorene
Concen: 43.433 ng
RT: 15.410 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

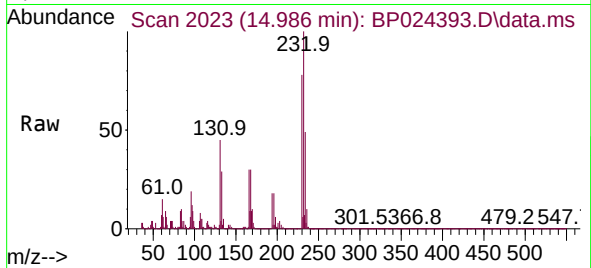
Tgt Ion:166 Resp: 1716651
Ion Ratio Lower Upper
166 100
165 96.7 78.1 117.1
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.550 ng
RT: 14.986 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

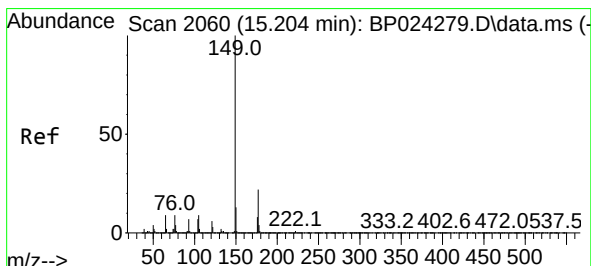
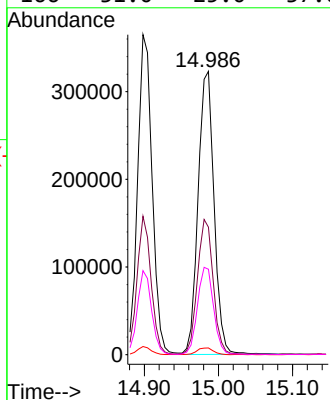
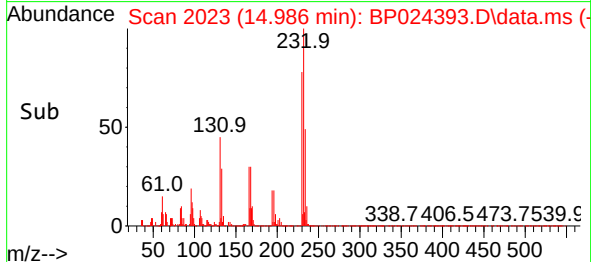
Instrument :
BNA_P
ClientSampleId :
PB167700BS



Tgt Ion:232 Resp: 484510
Ion Ratio Lower Upper
232 100
131 47.4 36.8 55.2
130 2.4 1.9 2.9
166 31.0 25.0 37.6

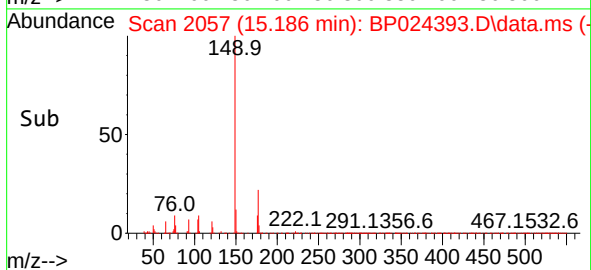
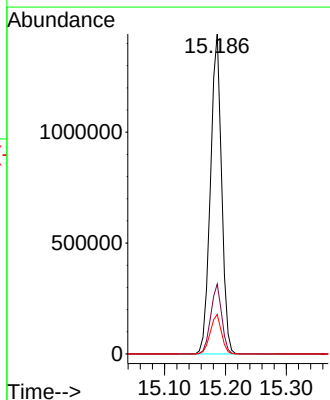
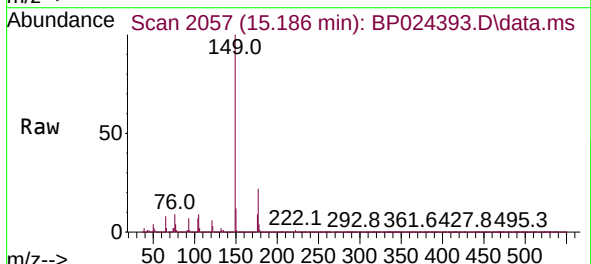
Manual Integrations
APPROVED

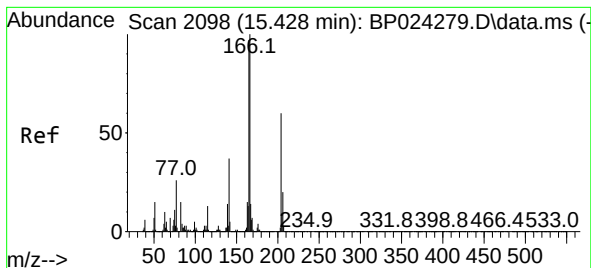
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#60
Diethylphthalate
Concen: 42.829 ng
RT: 15.186 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

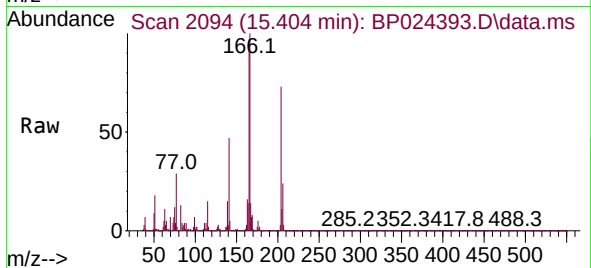
Tgt Ion:149 Resp: 1828313
Ion Ratio Lower Upper
149 100
177 21.8 17.4 26.2
150 12.4 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 43.887 ng
RT: 15.404 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

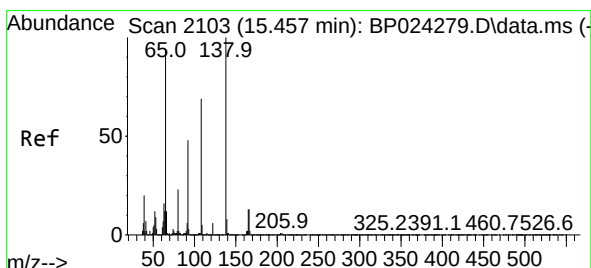
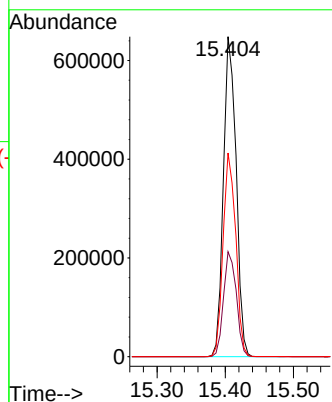
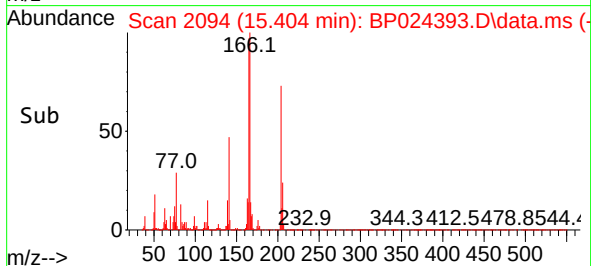
Instrument :
BNA_P
ClientSampleId :
PB167700BS



Tgt Ion:204 Resp: 842319
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 63.7 49.4 74.0

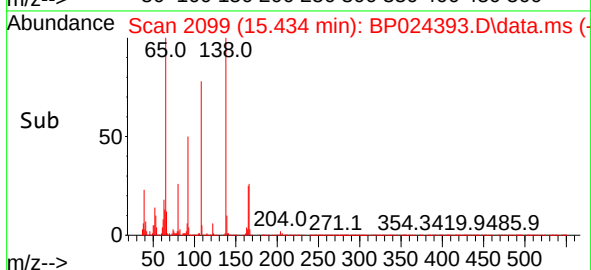
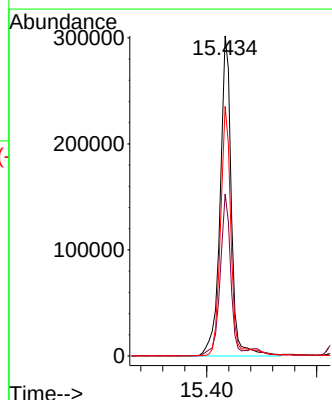
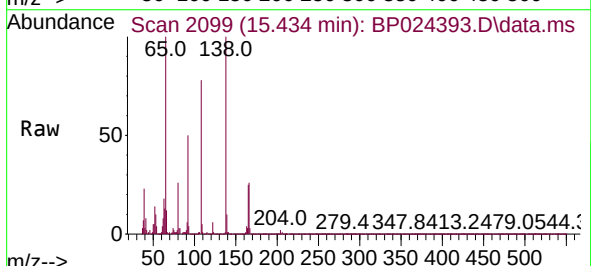
Manual Integrations
APPROVED

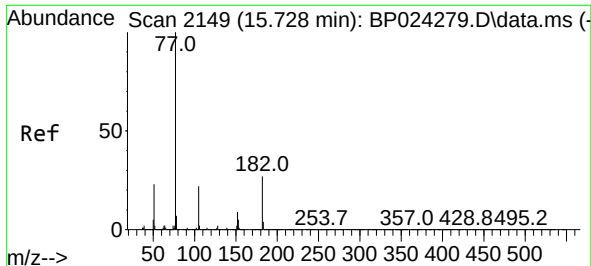
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#62
4-Nitroaniline
Concen: 43.691 ng
RT: 15.434 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

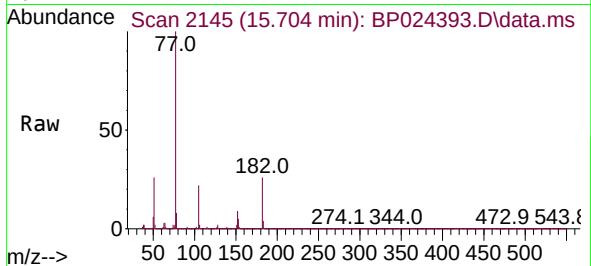
Tgt Ion:138 Resp: 427603
Ion Ratio Lower Upper
138 100
92 50.6 27.8 67.8
108 78.0 48.9 88.9





#63
Azobenzene
Concen: 42.134 ng
RT: 15.704 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

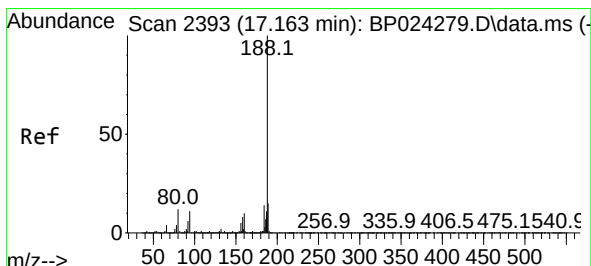
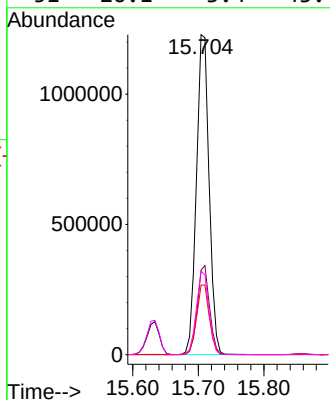
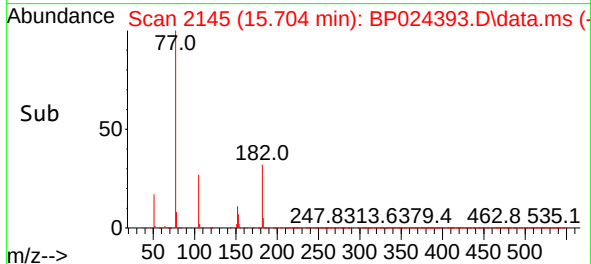
Instrument :
BNA_P
ClientSampleId :
PB167700BS



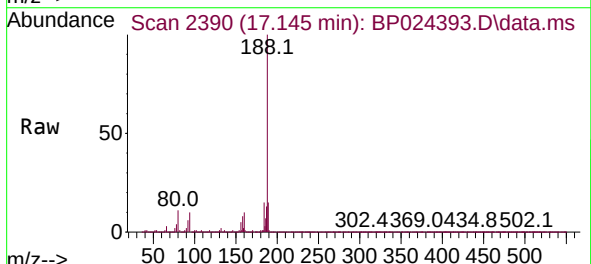
Tgt Ion: 77 Resp: 165316
Ion Ratio Lower Upper
77 100
182 26.4 7.3 47.3
105 21.7 2.3 42.3
51 26.1 3.4 43.4

Manual Integrations
APPROVED

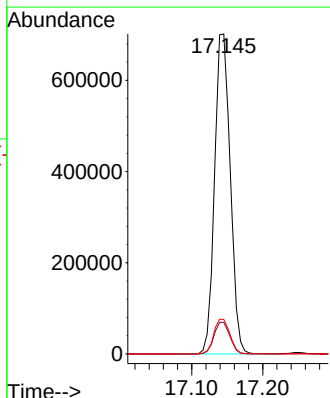
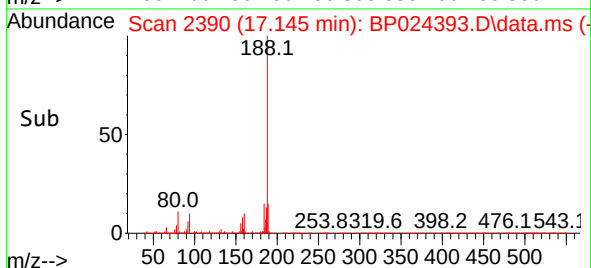
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

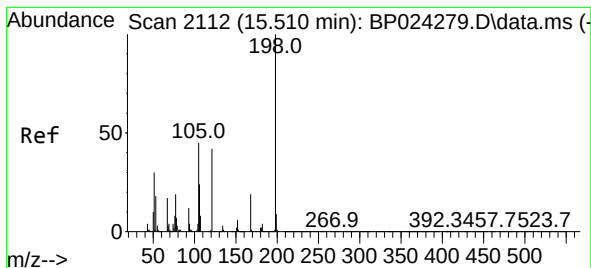


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2390
Delta R.T. 0.000 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46



Tgt Ion:188 Resp: 1071670
Ion Ratio Lower Upper
188 100
94 9.9 8.6 13.0
80 10.8 9.8 14.6





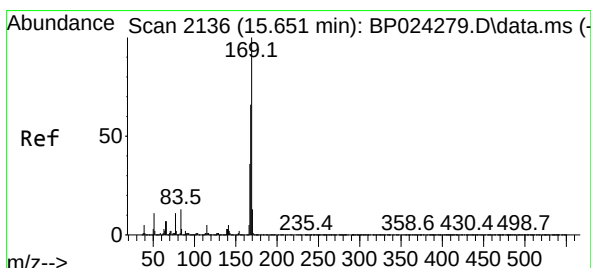
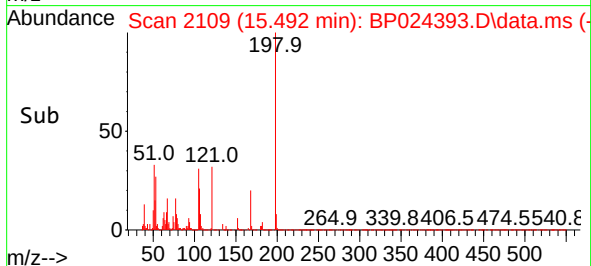
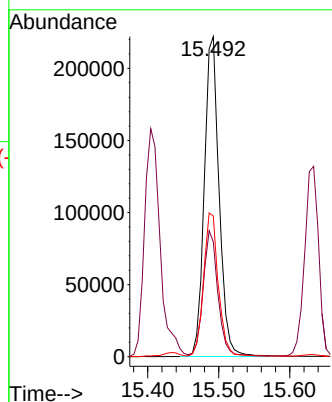
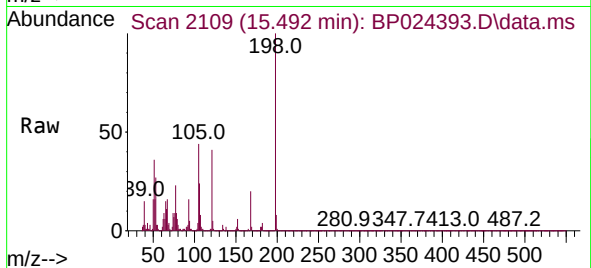
#65
4,6-Dinitro-2-methylphenol
Concen: 47.763 ng
RT: 15.492 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

Instrument :
BNA_P
ClientSampleId :
PB167700BS

Tgt Ion:198 Resp: 322709
Ion Ratio Lower Upper
198 100
51 35.8 18.4 58.4
105 43.9 26.5 66.5

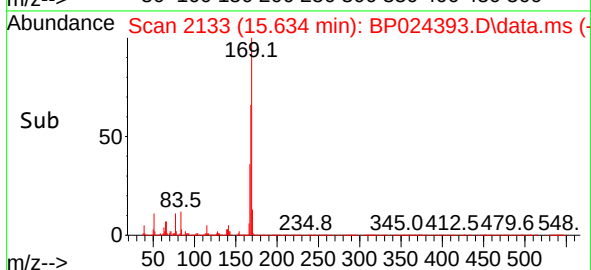
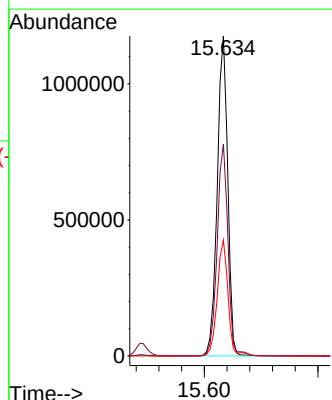
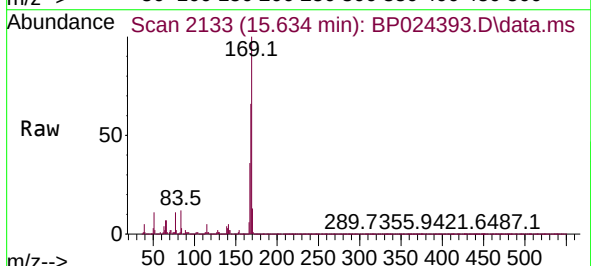
Manual Integrations
APPROVED

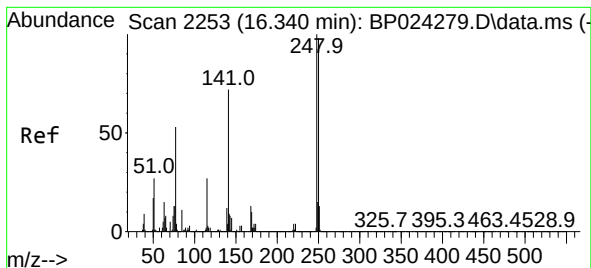
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#66
n-Nitrosodiphenylamine
Concen: 46.853 ng
RT: 15.634 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

Tgt Ion:169 Resp: 1498669
Ion Ratio Lower Upper
169 100
168 66.2 53.0 79.4
167 36.2 28.9 43.3





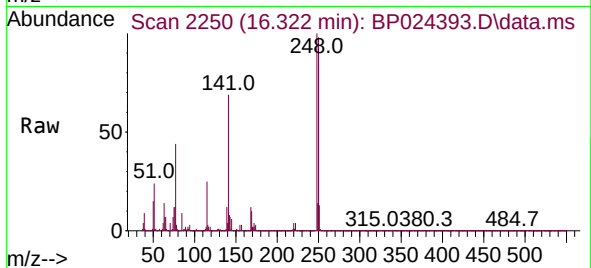
#67
4-Bromophenyl-phenylether
Concen: 46.814 ng
RT: 16.322 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

Instrument :

BNA_P

ClientSampleId :

PB167700BS

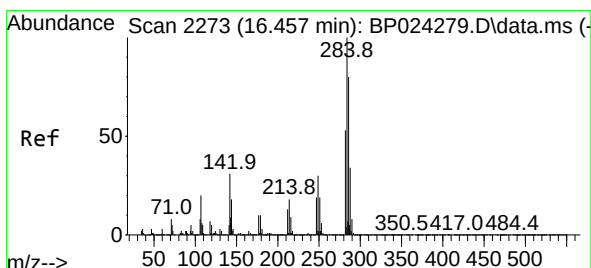
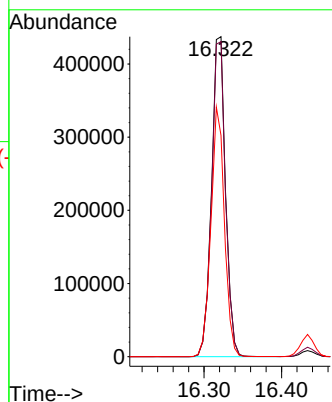
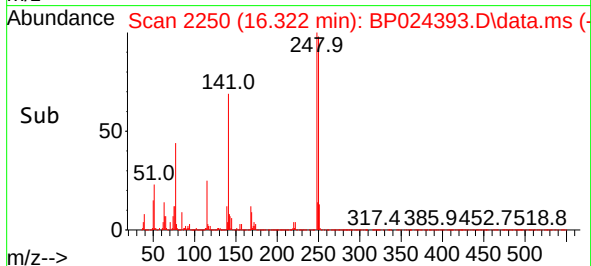


Tgt Ion:248 Resp: 54869
Ion Ratio Lower Upper
248 100
250 98.4 78.2 117.4
141 69.2 57.7 86.5

Manual Integrations

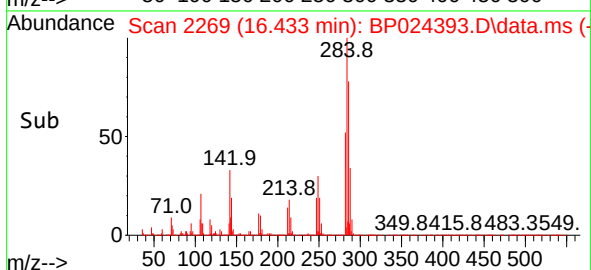
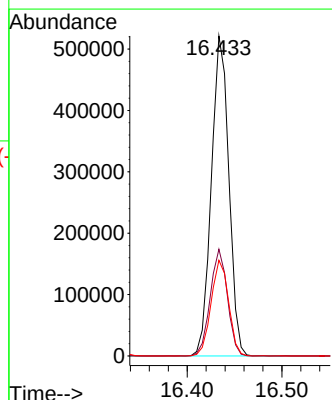
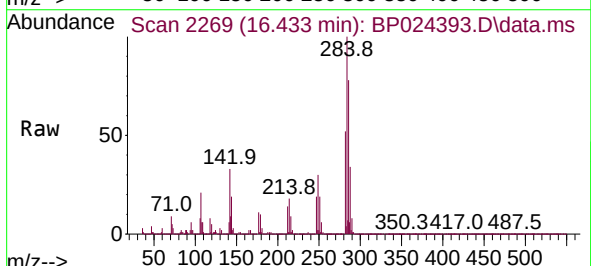
APPROVED

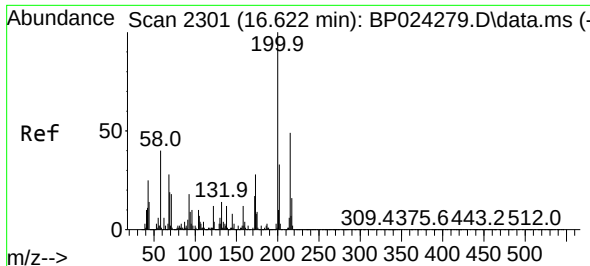
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#68
Hexachlorobenzene
Concen: 48.048 ng
RT: 16.433 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

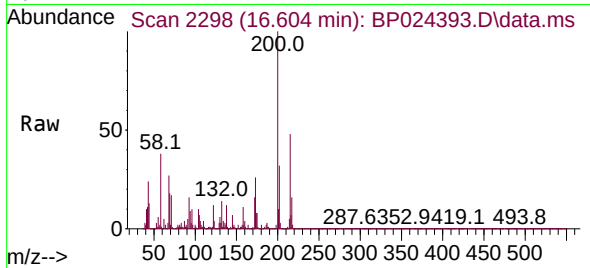
Tgt Ion:284 Resp: 669180
Ion Ratio Lower Upper
284 100
142 33.4 24.6 37.0
249 29.9 23.8 35.6





#69
Atrazine
Concen: 64.571 ng
RT: 16.604 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

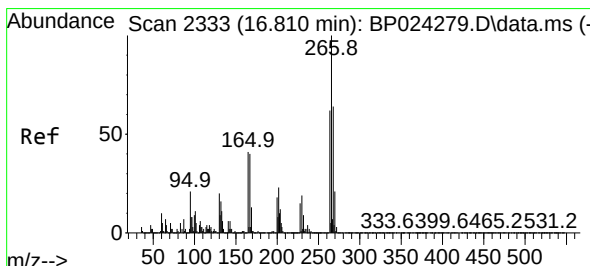
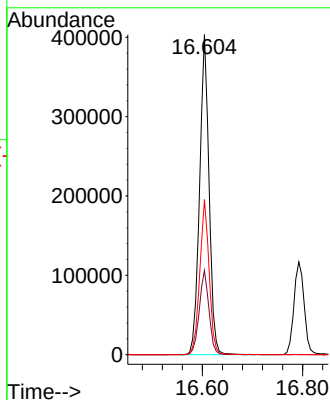
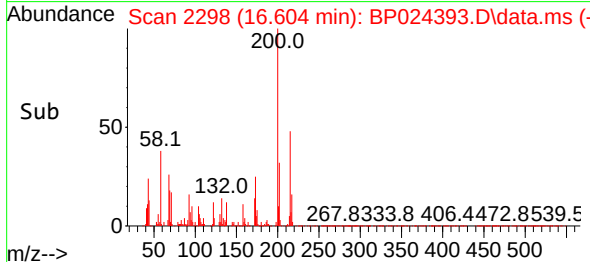
Instrument :
BNA_P
ClientSampleId :
PB167700BS



Tgt Ion:200 Resp: 52604
Ion Ratio Lower Upper
200 100
173 26.4 7.5 47.5
215 48.4 28.8 68.8

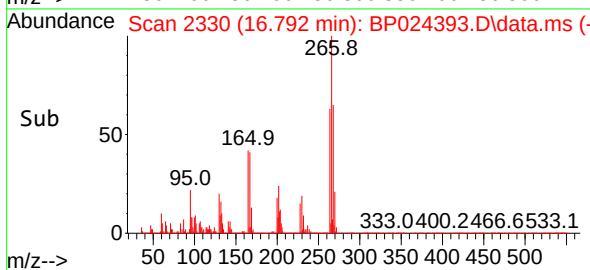
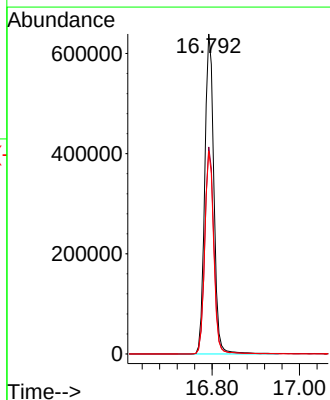
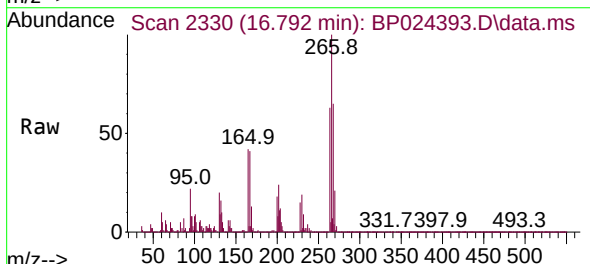
Manual Integrations
APPROVED

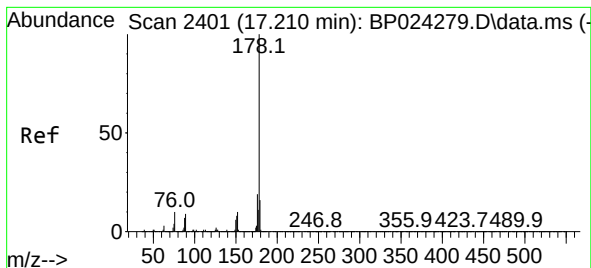
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#70
Pentachlorophenol
Concen: 95.238 ng
RT: 16.792 min Scan# 2330
Delta R.T. -0.006 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

Tgt Ion:266 Resp: 925341
Ion Ratio Lower Upper
266 100
268 64.7 51.0 76.6
264 63.4 49.8 74.6





#71

Phenanthrene

Concen: 44.600 ng

RT: 17.192 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024393.D

Acq: 23 Apr 2025 12:46

Instrument :

BNA_P

ClientSampleId :

PB167700BS

Tgt Ion:178 Resp: 2607430

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

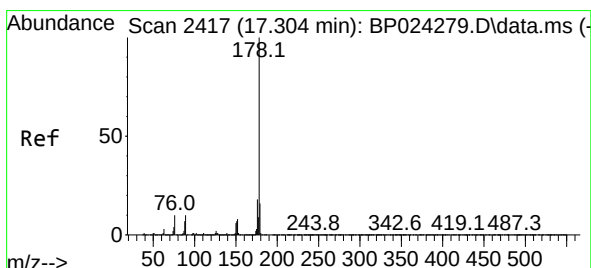
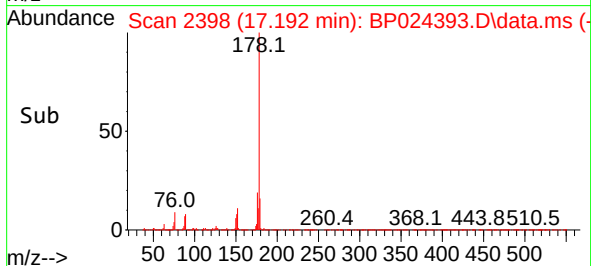
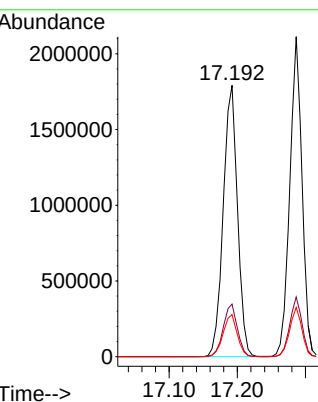
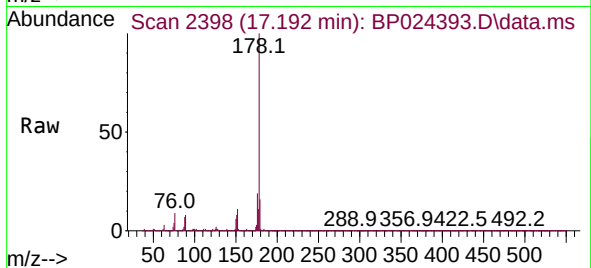
179 15.5 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025



#72

Anthracene

Concen: 47.000 ng

RT: 17.286 min Scan# 2414

Delta R.T. 0.000 min

Lab File: BP024393.D

Acq: 23 Apr 2025 12:46

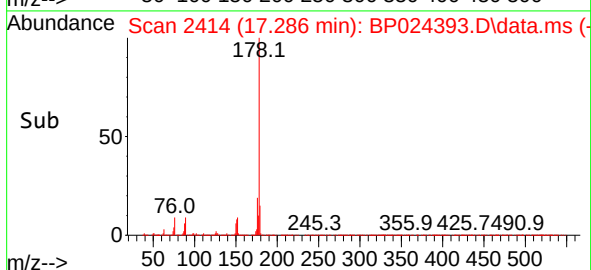
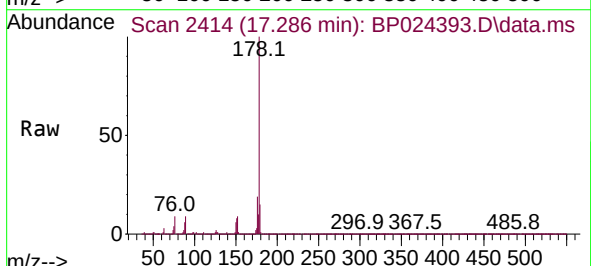
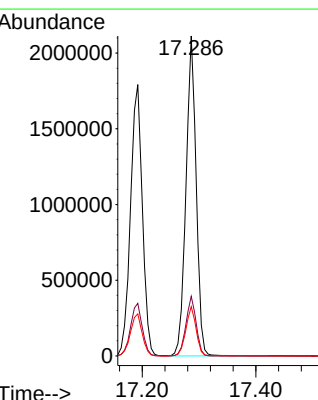
Tgt Ion:178 Resp: 2648256

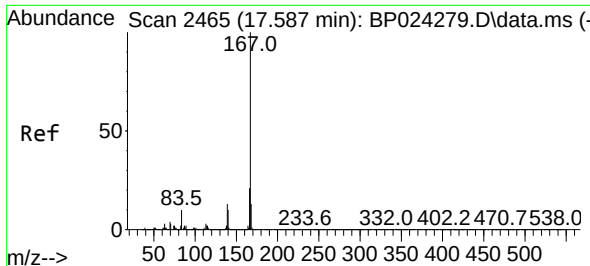
Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

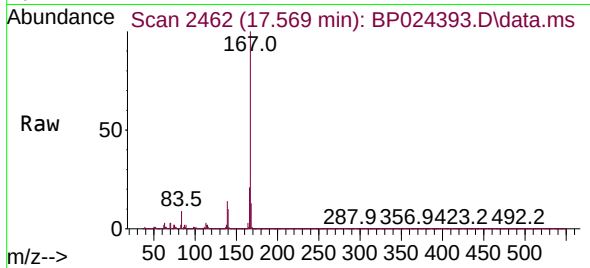
179 15.4 12.4 18.6





#73
 Carbazole
 Concen: 45.037 ng
 RT: 17.569 min Scan# 2462
 Delta R.T. 0.000 min
 Lab File: BP024393.D
 Acq: 23 Apr 2025 12:46

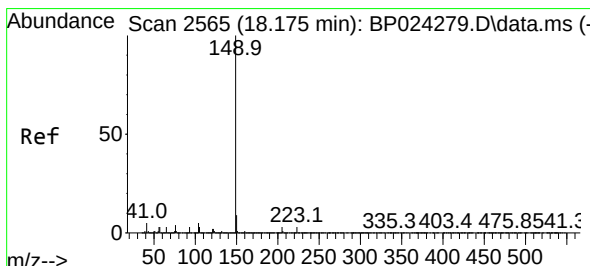
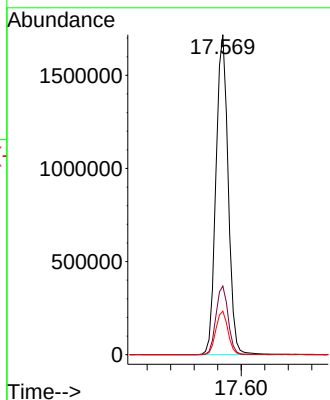
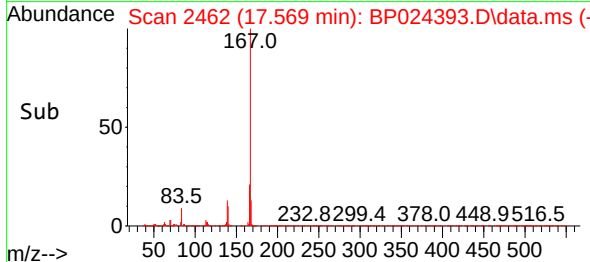
Instrument :
 BNA_P
 ClientSampleId :
 PB167700BS



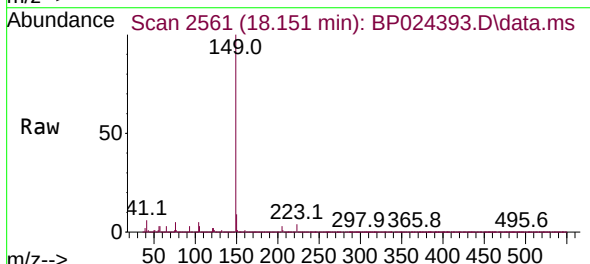
Tgt Ion:167 Resp: 2479478
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.1 25.7
 139 13.6 10.6 16.0

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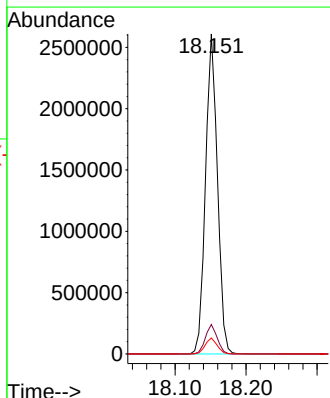
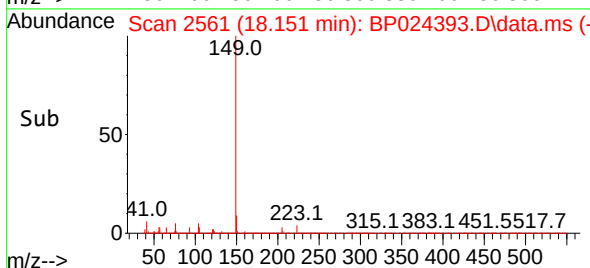
Reviewed By :Rahul Chavli 04/24/2025
 Supervised By :Jagrut Upadhyay 04/24/2025

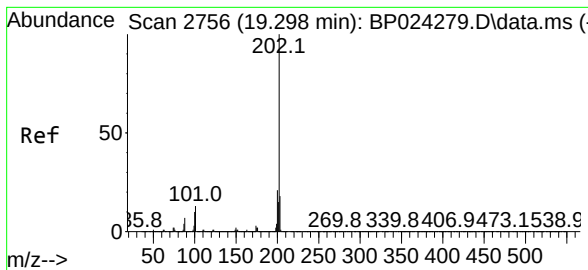


#74
 Di-n-butylphthalate
 Concen: 44.400 ng
 RT: 18.151 min Scan# 2561
 Delta R.T. -0.006 min
 Lab File: BP024393.D
 Acq: 23 Apr 2025 12:46



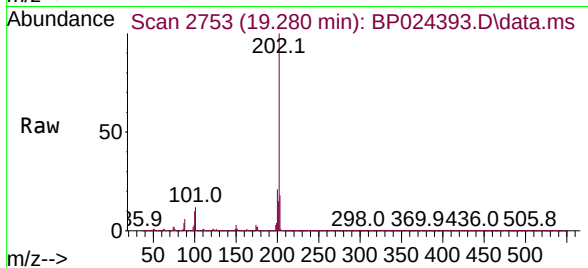
Tgt Ion:149 Resp: 3045426
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 5.0 3.9 5.9





#75
Fluoranthene
Concen: 43.194 ng
RT: 19.280 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

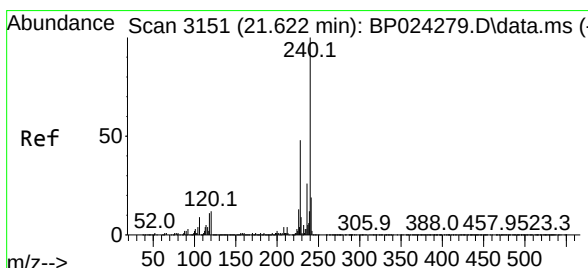
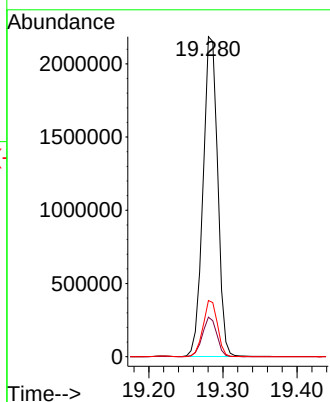
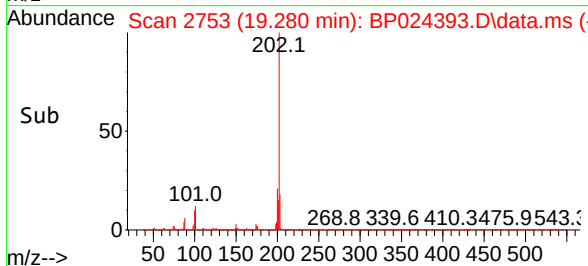
Instrument :
BNA_P
ClientSampleId :
PB167700BS



Tgt Ion:202 Resp: 3003310
Ion Ratio Lower Upper
202 100
101 12.4 0.0 33.2
203 17.6 0.0 37.7

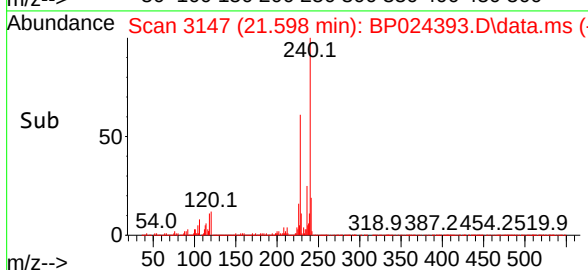
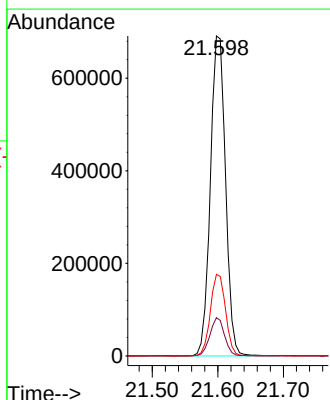
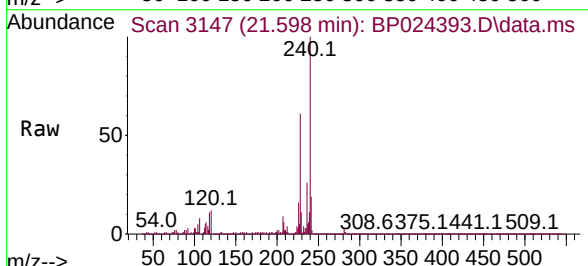
Manual Integrations
APPROVED

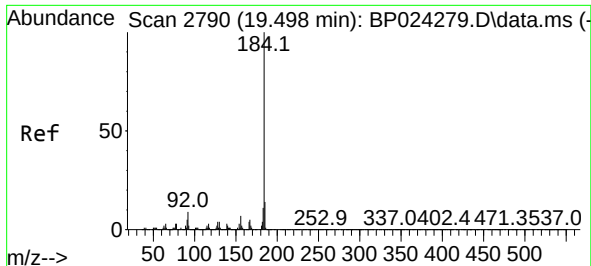
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.598 min Scan# 3147
Delta R.T. 0.006 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

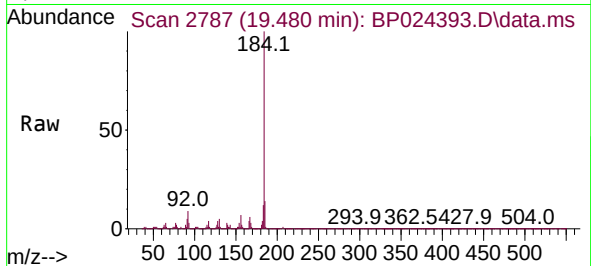
Tgt Ion:240 Resp: 1109178
Ion Ratio Lower Upper
240 100
120 12.0 9.8 14.8
236 25.5 20.9 31.3





#77
Benzidine
Concen: 97.569 ng
RT: 19.480 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

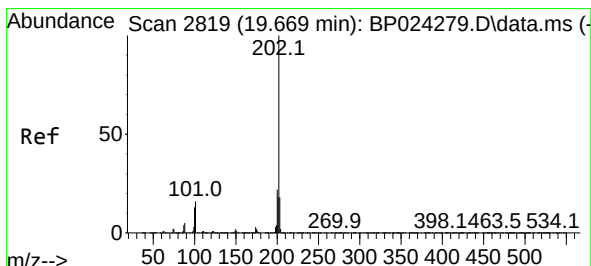
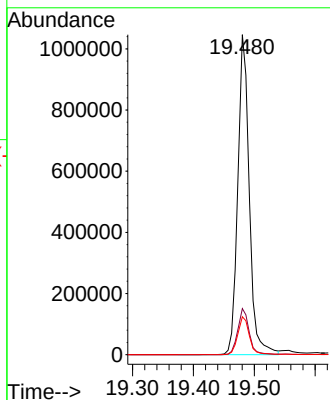
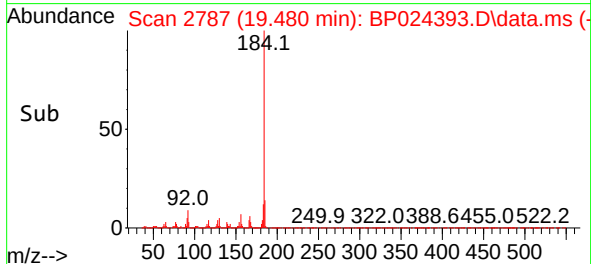
Instrument :
BNA_P
ClientSampleId :
PB167700BS



Tgt Ion:184 Resp: 1371804
Ion Ratio Lower Upper
184 100
185 14.4 11.6 17.4
183 11.9 9.2 13.8

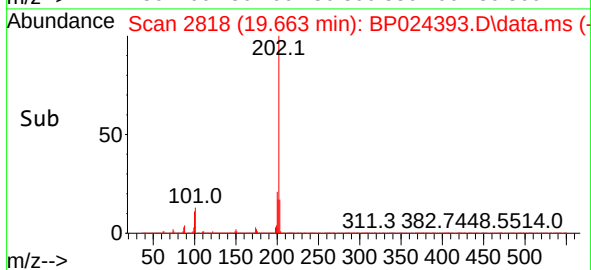
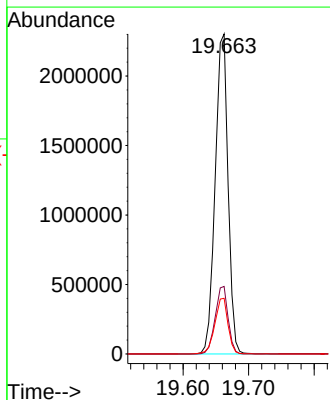
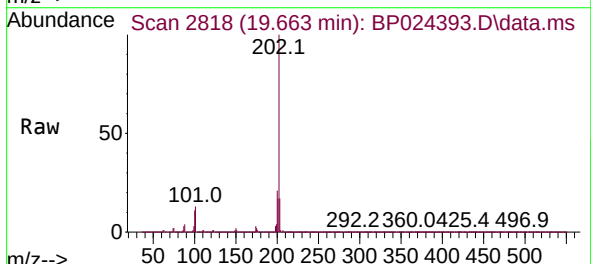
Manual Integrations
APPROVED

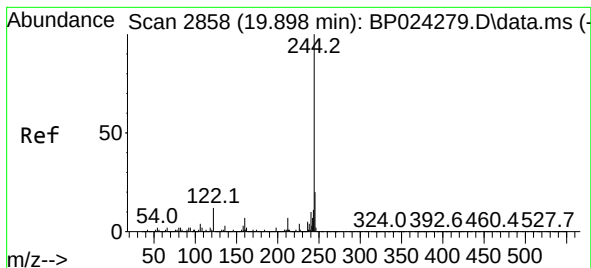
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#78
Pyrene
Concen: 44.397 ng
RT: 19.663 min Scan# 2818
Delta R.T. 0.012 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

Tgt Ion:202 Resp: 3129490
Ion Ratio Lower Upper
202 100
200 21.1 17.2 25.8
203 17.4 14.4 21.6





#79

Terphenyl-d14

Concen: 89.278 ng

RT: 19.874 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024393.D

Acq: 23 Apr 2025 12:46

Instrument :

BNA_P

ClientSampleId :

PB167700BS

Tgt Ion:244 Resp: 491286

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

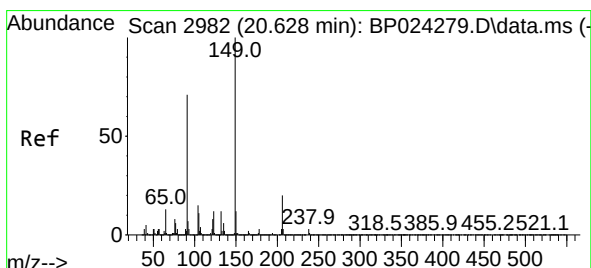
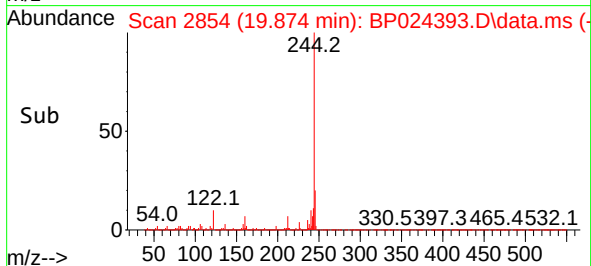
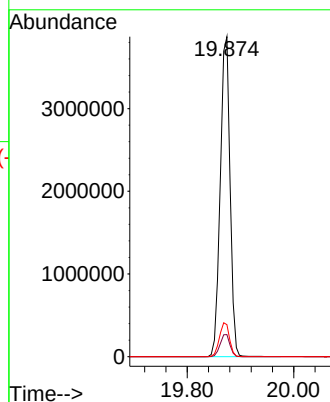
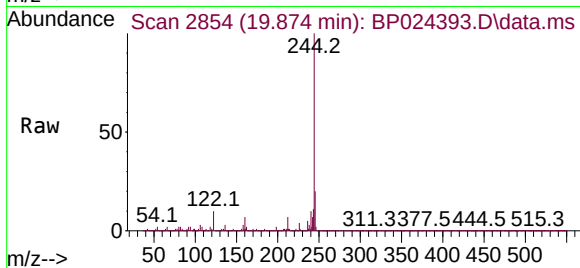
122 10.0 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025



#80

Butylbenzylphthalate

Concen: 47.205 ng

RT: 20.610 min Scan# 2979

Delta R.T. 0.006 min

Lab File: BP024393.D

Acq: 23 Apr 2025 12:46

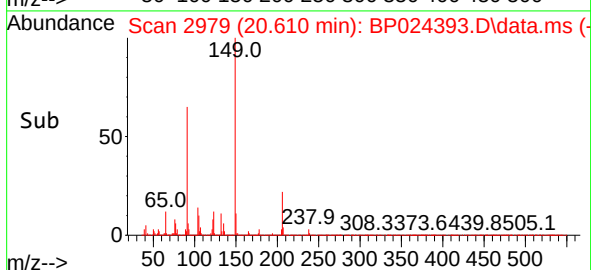
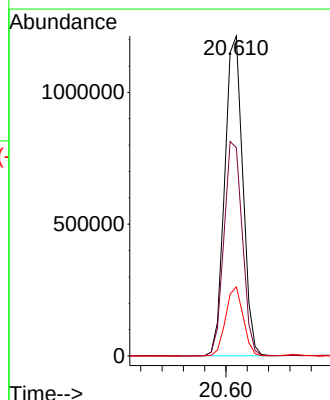
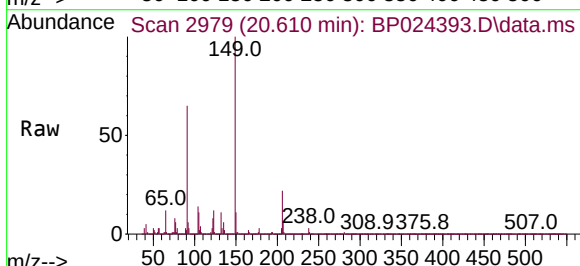
Tgt Ion:149 Resp: 1425222

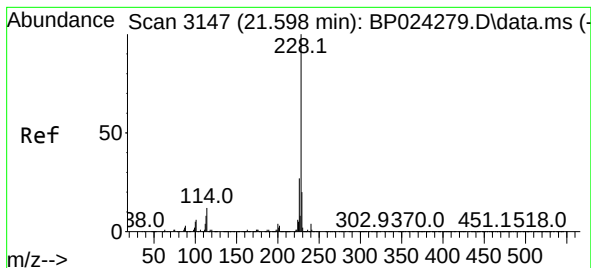
Ion Ratio Lower Upper

149 100

91 65.1 56.4 84.6

206 21.6 16.3 24.5





#81

Benzo(a)anthracene

Concen: 45.733 ng

RT: 21.580 min Scan# 3147

Delta R.T. 0.012 min

Lab File: BP024393.D

Acq: 23 Apr 2025 12:46

Instrument :

BNA_P

ClientSampleId :

PB167700BS

Tgt Ion:228 Resp: 3152908

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

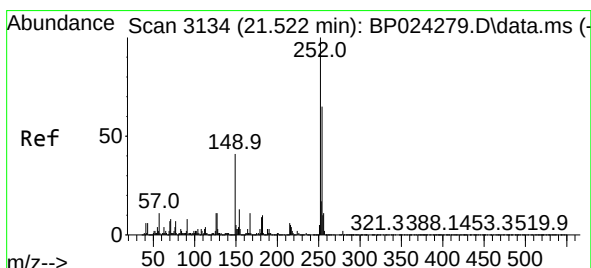
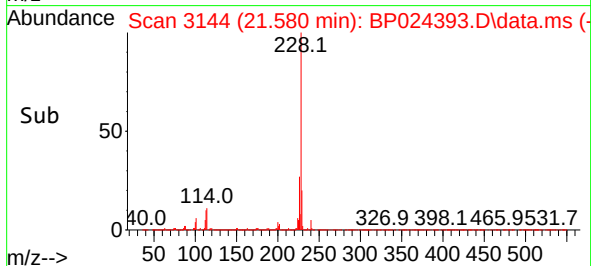
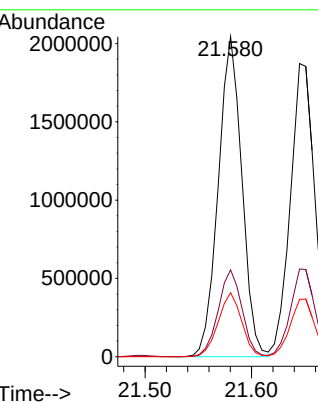
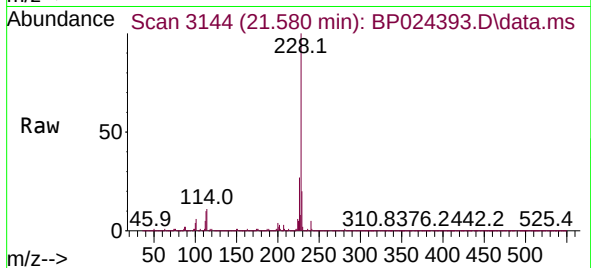
229 20.0 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025



#82

3,3'-Dichlorobenzidine

Concen: 31.751 ng

RT: 21.492 min Scan# 3129

Delta R.T. 0.000 min

Lab File: BP024393.D

Acq: 23 Apr 2025 12:46

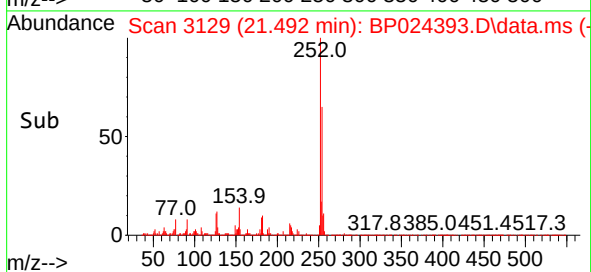
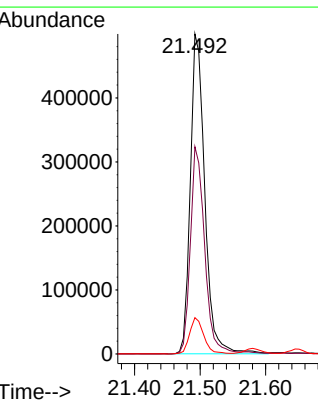
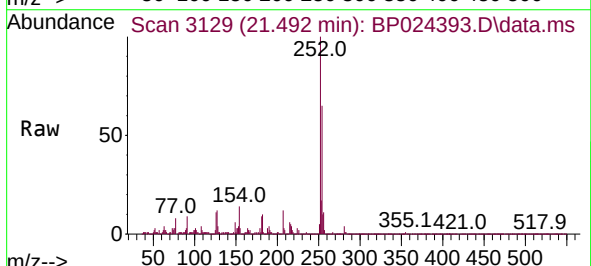
Tgt Ion:252 Resp: 768318

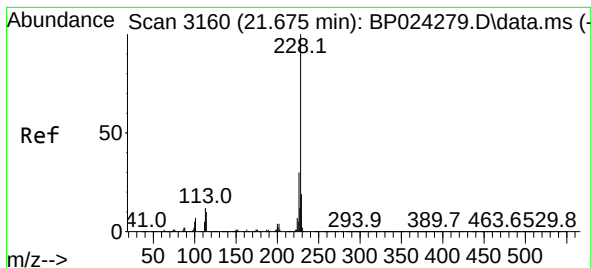
Ion Ratio Lower Upper

252 100

254 64.8 51.7 77.5

126 11.4 8.8 13.2





#83

Chrysene

Concen: 44.613 ng

RT: 21.645 min Scan# 3160

Delta R.T. 0.006 min

Lab File: BP024393.D

Acq: 23 Apr 2025 12:46

Instrument :

BNA_P

ClientSampleId :

PB167700BS

Tgt Ion:228 Resp: 294667

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.2

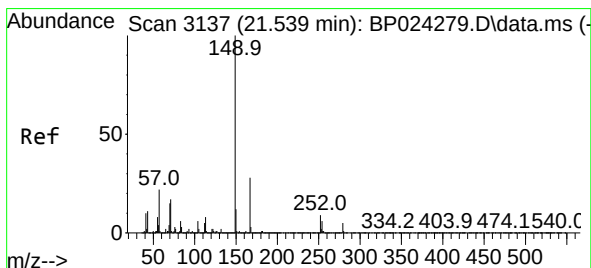
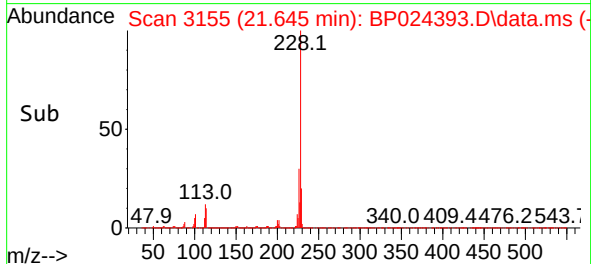
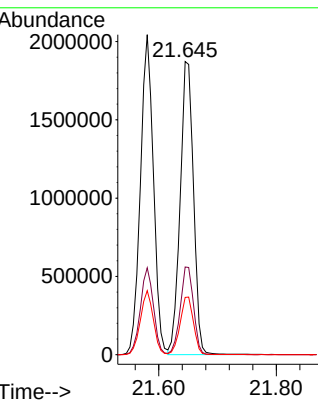
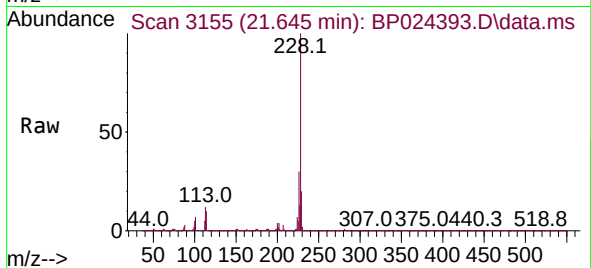
229 19.6 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.828 ng

RT: 21.516 min Scan# 3133

Delta R.T. 0.006 min

Lab File: BP024393.D

Acq: 23 Apr 2025 12:46

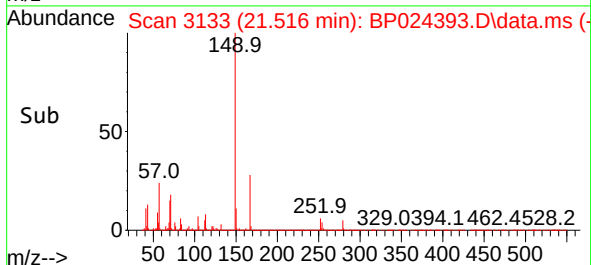
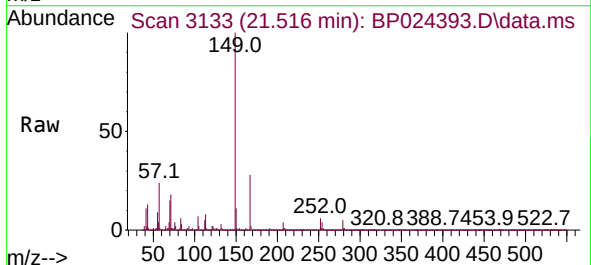
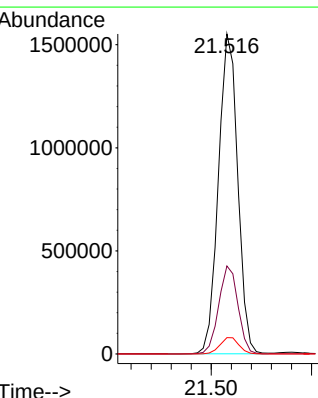
Tgt Ion:149 Resp: 2072622

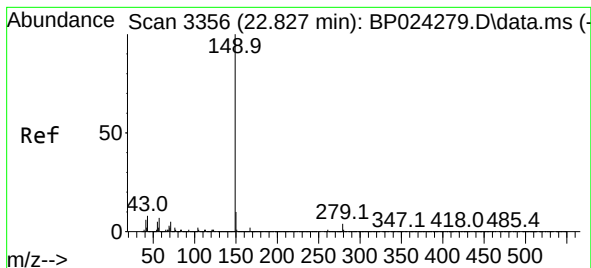
Ion Ratio Lower Upper

149 100

167 27.5 22.4 33.6

279 5.1 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 49.147 ng

RT: 22.792 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP024393.D

Acq: 23 Apr 2025 12:46

Instrument :

BNA_P

ClientSampleId :

PB167700BS

Tgt Ion:149 Resp: 3536390

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

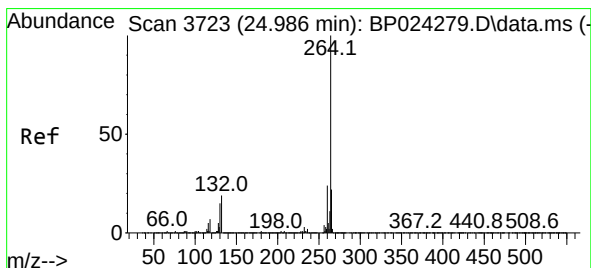
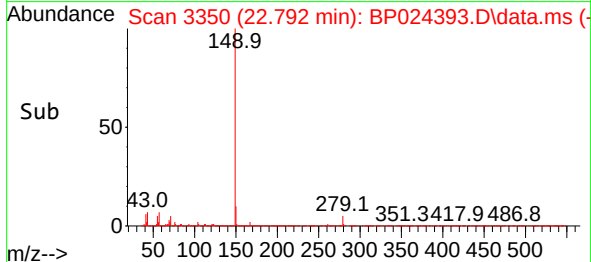
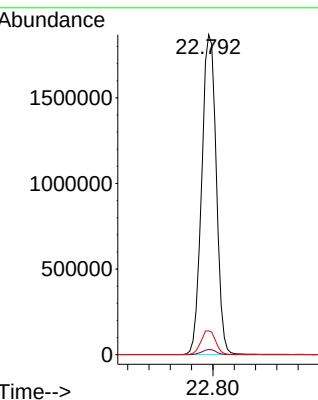
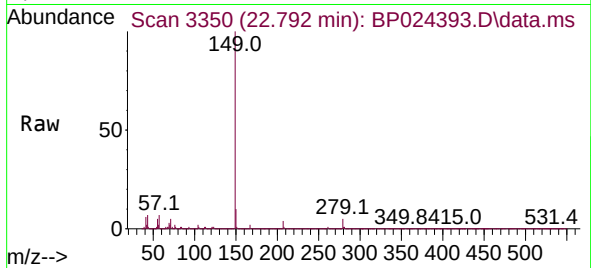
43 7.6 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.945 min Scan# 3716

Delta R.T. 0.012 min

Lab File: BP024393.D

Acq: 23 Apr 2025 12:46

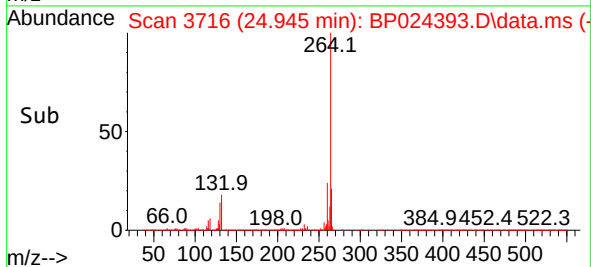
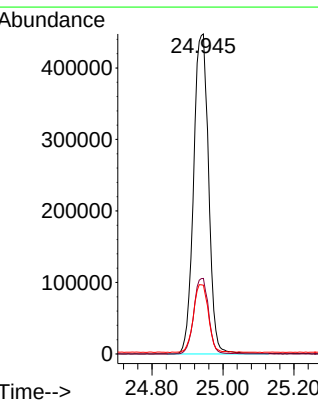
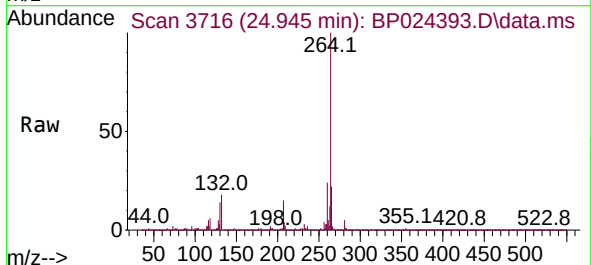
Tgt Ion:264 Resp: 1313197

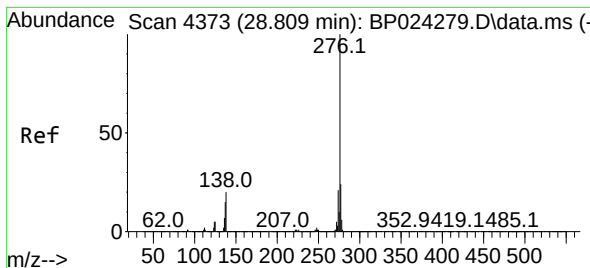
Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 21.5 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.649 ng

RT: 28.721 min Scan# 41

Delta R.T. -0.018 min

Lab File: BP024393.D

Acq: 23 Apr 2025 12:46

Instrument :

BNA_P

ClientSampleId :

PB167700BS

Tgt Ion:276 Resp: 4344060

Ion Ratio Lower Upper

276 100

138 15.7 14.5 21.7

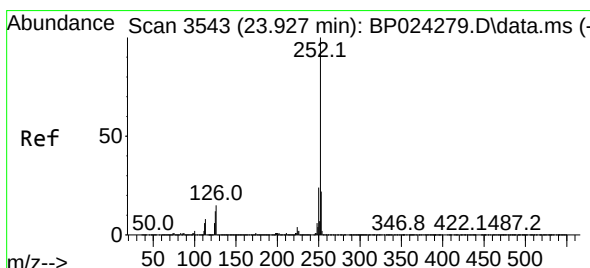
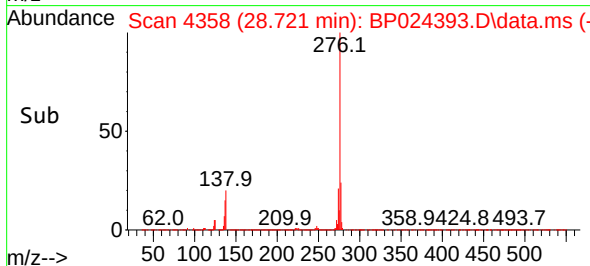
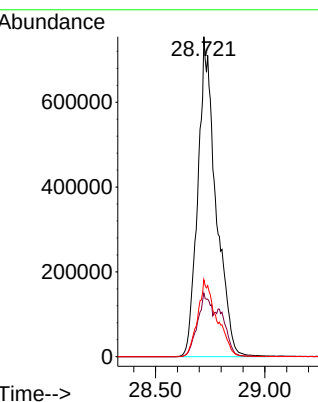
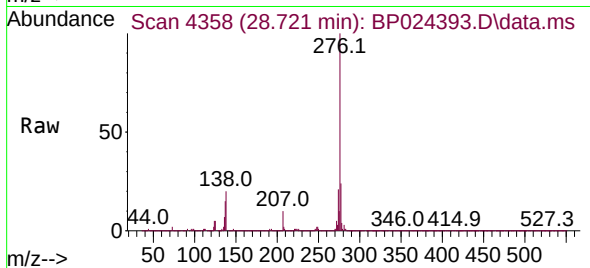
277 25.3 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025



#88

Benzo(b)fluoranthene

Concen: 42.609 ng

RT: 23.886 min Scan# 3536

Delta R.T. 0.000 min

Lab File: BP024393.D

Acq: 23 Apr 2025 12:46

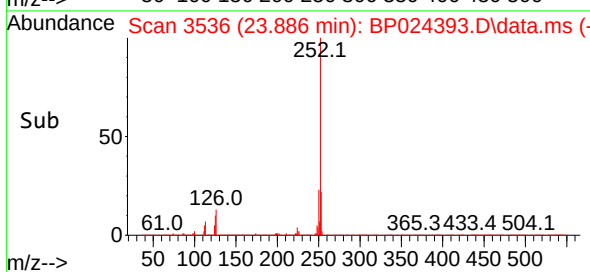
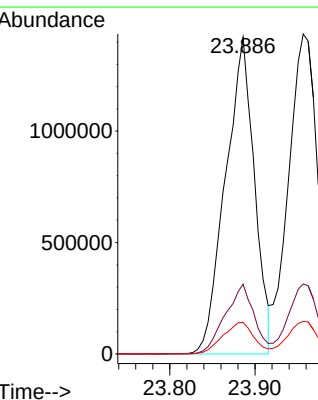
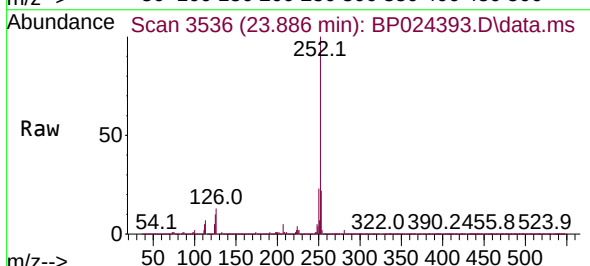
Tgt Ion:252 Resp: 3353924

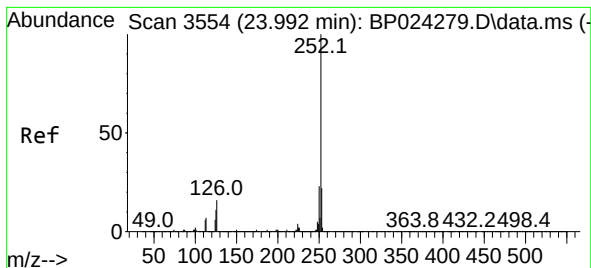
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 9.9 9.4 14.0





#89

Benzo(k)fluoranthene

Concen: 45.546 ng

RT: 23.957 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP024393.D

Acq: 23 Apr 2025 12:46

Instrument :

BNA_P

ClientSampleId :

PB167700BS

Tgt Ion:252 Resp: 3463039

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

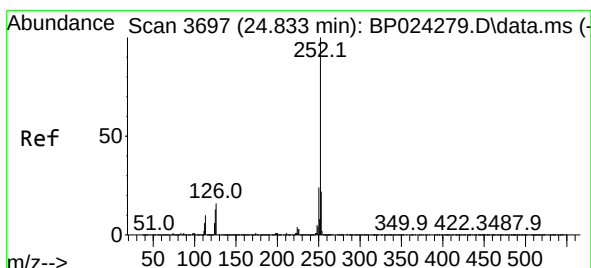
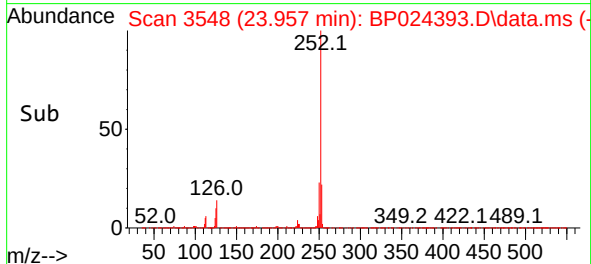
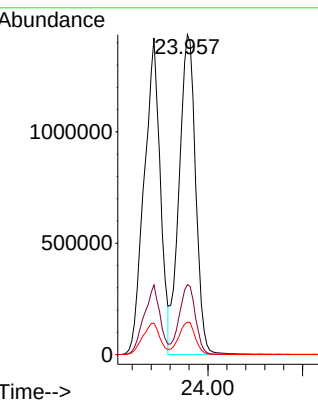
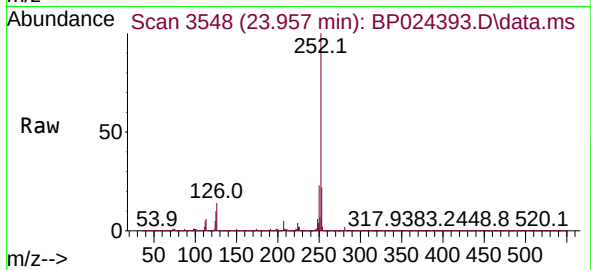
125 10.2 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025



#90

Benzo(a)pyrene

Concen: 48.731 ng

RT: 24.786 min Scan# 3689

Delta R.T. 0.006 min

Lab File: BP024393.D

Acq: 23 Apr 2025 12:46

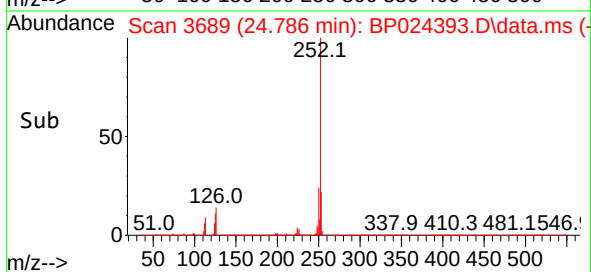
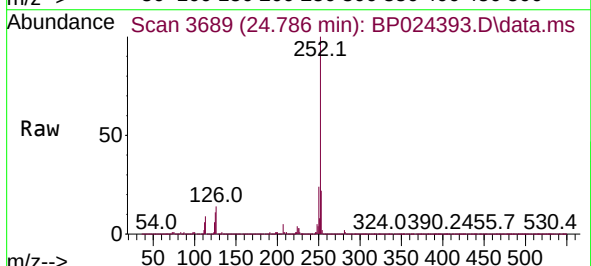
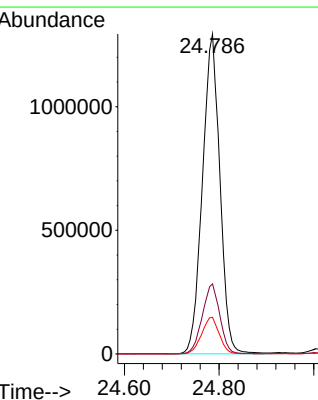
Tgt Ion:252 Resp: 3308791

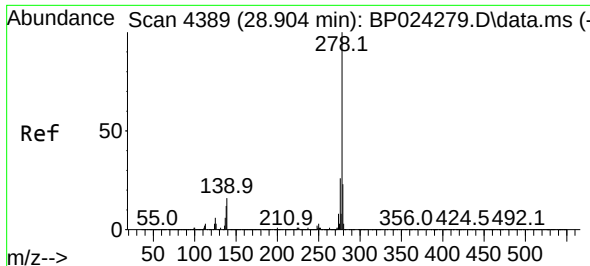
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 11.4 10.1 15.1





#91
Dibenzo(a,h)anthracene
Concen: 47.046 ng
RT: 28.803 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

Instrument :

BNP_P

ClientSampleId :

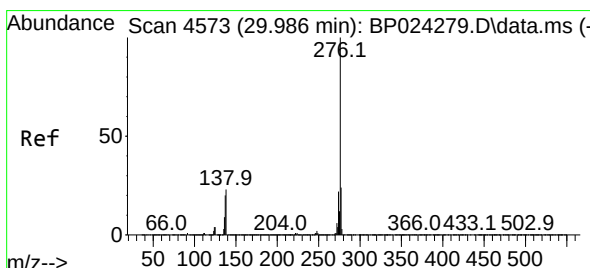
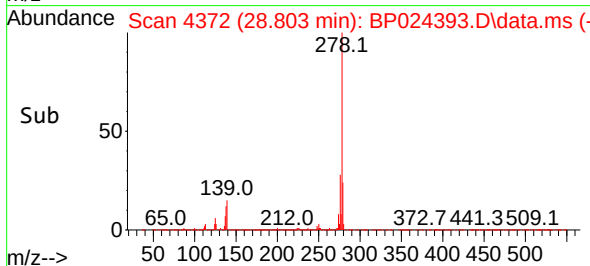
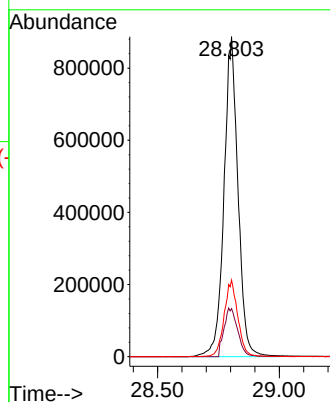
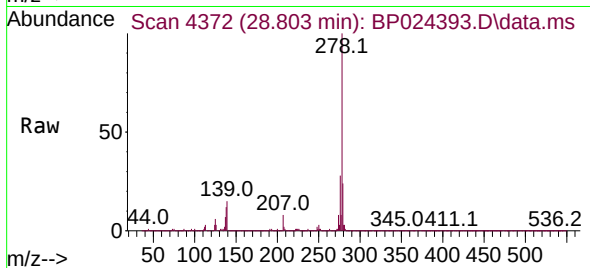
PB167700BS

Tgt Ion:278 Resp: 3560029
Ion Ratio Lower Upper
278 100
139 15.0 12.6 19.0
279 24.0 18.5 27.7

Manual Integrations

APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 45.422 ng
RT: 29.897 min Scan# 4558
Delta R.T. 0.000 min
Lab File: BP024393.D
Acq: 23 Apr 2025 12:46

Tgt Ion:276 Resp: 3498517
Ion Ratio Lower Upper
276 100
277 23.8 18.9 28.3
138 22.4 18.7 28.1

