

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
 Data File : BP025364.D
 Acq On : 12 Aug 2025 12:54
 Operator : CG/JU
 Sample : PB169180BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169180BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/13/2025
 Supervised By :Jagrut Upadhyay 08/13/2025

Quant Time: Aug 12 13:34:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 06 06:41:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.801	152	220840	20.000	ng	0.00
21) Naphthalene-d8	10.578	136	869704	20.000	ng	0.00
39) Acenaphthene-d10	14.430	164	505729	20.000	ng	0.01
64) Phenanthrene-d10	17.224	188	949767	20.000	ng	0.00
76) Chrysene-d12	21.671	240	975809	20.000	ng	0.01
86) Perylene-d12	25.059	264	1187024	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.413	112	1776429	129.376	ng	0.00
7) Phenol-d6	6.978	99	2162045	119.644	ng	0.01
23) Nitrobenzene-d5	8.942	82	1344711	85.660	ng	0.00
42) 2,4,6-Tribromophenol	15.936	330	788751	156.336	ng	0.01
45) 2-Fluorobiphenyl	13.042	172	3128965	85.456	ng	0.01
79) Terphenyl-d14	19.948	244	4155480	80.434	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.337	88	205719	37.966	ng	97
3) Pyridine	3.725	79	567965	37.728	ng	96
4) n-Nitrosodimethylamine	3.631	42	268350	38.396	ng	90
6) Aniline	7.131	93	897612	36.184	ng	98
8) 2-Chlorophenol	7.372	128	704417	46.869	ng	97
9) Benzaldehyde	6.943	77	353380m	27.534	ng	
10) Phenol	7.001	94	817527	42.283	ng	98
11) bis(2-Chloroethyl)ether	7.219	93	634282	41.868	ng	98
12) 1,3-Dichlorobenzene	7.695	146	747314	44.252	ng	99
13) 1,4-Dichlorobenzene	7.837	146	762548	44.631	ng	98
14) 1,2-Dichlorobenzene	8.148	146	732005	44.227	ng	98
15) Benzyl Alcohol	8.031	79	570249	40.710	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.319	45	877417	36.663	ng	97
17) 2-Methylphenol	8.231	107	554819	42.885	ng	98
18) Hexachloroethane	8.872	117	279747	45.784	ng	99
19) n-Nitroso-di-n-propyla...	8.589	70	463209	39.014	ng	96
20) 3+4-Methylphenols	8.554	107	745255	41.833	ng	99
22) Acetophenone	8.607	105	961828	44.054	ng	# 97
24) Nitrobenzene	8.984	77	691190	46.513	ng	97
25) Isophorone	9.507	82	1321666	42.295	ng	99
26) 2-Nitrophenol	9.689	139	354210	54.210	ng	96
27) 2,4-Dimethylphenol	9.748	122	628234	43.607	ng	96
28) bis(2-Chloroethoxy)met...	9.984	93	828355	43.576	ng	98
29) 2,4-Dichlorophenol	10.225	162	609708	48.340	ng	98
30) 1,2,4-Trichlorobenzene	10.436	180	654455	47.032	ng	100
31) Naphthalene	10.625	128	2048114	45.364	ng	100
32) Benzoic acid	9.884	122	456006	53.159	ng	94
33) 4-Chloroaniline	10.719	127	582847	29.026	ng	99
34) Hexachlorobutadiene	10.913	225	393747	49.294	ng	99
35) Caprolactam	11.501	113	208745	42.662	ng	90
36) 4-Chloro-3-methylphenol	11.848	107	655298	44.901	ng	100
37) 2-Methylnaphthalene	12.236	142	1295489	44.332	ng	99
38) 1-Methylnaphthalene	12.448	142	1339118	43.918	ng	99
40) 1,2,4,5-Tetrachloroben...	12.607	216	693061	50.196	ng	99
41) Hexachlorocyclopentadiene	12.595	237	933594	109.556	ng	99
43) 2,4,6-Trichlorophenol	12.836	196	482515	54.098	ng	99

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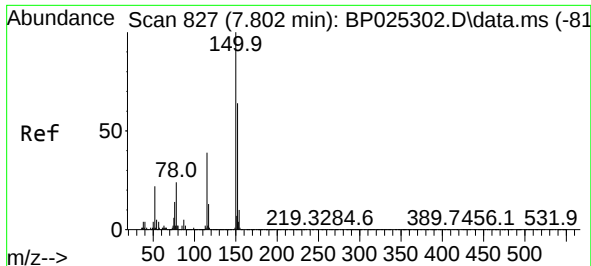
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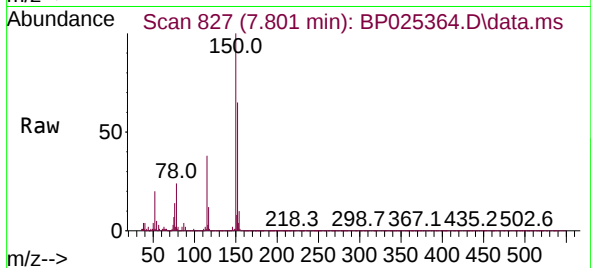
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.913	196	525502	52.521	ng	99
46) 1,1'-Biphenyl	13.254	154	1809157	48.542	ng	98
47) 2-Chloronaphthalene	13.295	162	1382843	48.633	ng	99
48) 2-Nitroaniline	13.483	65	399641	47.982	ng	91
49) Acenaphthylene	14.142	152	2249554	47.430	ng	99
50) Dimethylphthalate	13.872	163	1705266	46.254	ng	99
51) 2,6-Dinitrotoluene	13.989	165	371618	54.648	ng	92
52) Acenaphthene	14.489	154	1546862m	53.469	ng	
53) 3-Nitroaniline	14.319	138	332018	41.725	ng	# 92
54) 2,4-Dinitrophenol	14.524	184	406086	95.583	ng	# 49
55) Dibenzofuran	14.830	168	2017038	46.655	ng	100
56) 4-Nitrophenol	14.636	139	671899	95.675	ng	96
57) 2,4-Dinitrotoluene	14.783	165	514895	48.787	ng	99
58) Fluorene	15.489	166	1591049	46.857	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.060	232	436130	52.182	ng	98
60) Diethylphthalate	15.260	149	1711712	46.053	ng	99
61) 4-Chlorophenyl-phenyle...	15.489	204	765696	47.566	ng	100
62) 4-Nitroaniline	15.501	138	397431	50.407	ng	96
63) Azobenzene	15.783	77	1553737	44.998	ng	98
65) 4,6-Dinitro-2-methylph...	15.560	198	281469	60.852	ng	95
66) n-Nitrosodiphenylamine	15.701	169	1437032	49.692	ng	99
67) 4-Bromophenyl-phenylether	16.395	248	483741	50.620	ng	97
68) Hexachlorobenzene	16.519	284	540187	50.378	ng	100
69) Atrazine	16.677	200	503317	49.491	ng	98
70) Pentachlorophenol	16.871	266	731365	107.057	ng	99
71) Phenanthrene	17.266	178	2492763	47.919	ng	100
72) Anthracene	17.360	178	2542052	48.465	ng	100
73) Carbazole	17.636	167	2388003	47.429	ng	99
74) Di-n-butylphthalate	18.242	149	2912732	47.819	ng	100
75) Fluoranthene	19.342	202	2779037	46.148	ng	100
77) Benzidine	19.542	184	1535351	43.471	ng	100
78) Pyrene	19.724	202	2972439	45.808	ng	99
80) Butylbenzylphthalate	20.677	149	1427772	54.253	ng	97
81) Benzo(a)anthracene	21.648	228	3054869	47.110	ng	100
82) 3,3'-Dichlorobenzidine	21.565	252	991014	43.316	ng	99
83) Chrysene	21.718	228	2900036	48.218	ng	99
84) Bis(2-ethylhexyl)phtha...	21.606	149	2195038	52.236	ng	99
85) Di-n-octyl phthalate	22.906	149	4054035	57.637	ng	96
87) Indeno(1,2,3-cd)pyrene	28.930	276	4159070	48.884	ng	100
88) Benzo(b)fluoranthene	24.000	252	3305010	46.512	ng	100
89) Benzo(k)fluoranthene	24.077	252	3398773	48.250	ng	100
90) Benzo(a)pyrene	24.918	252	3264966	47.713	ng	100
91) Dibenzo(a,h)anthracene	29.012	278	3405001	48.866	ng	98
92) Benzo(g,h,i)perylene	30.130	276	3316590	48.498	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.801 min Scan# 81
Delta R.T. -0.001 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

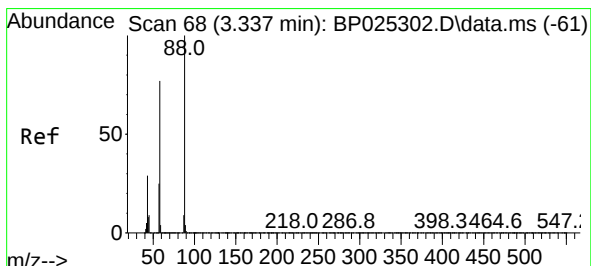
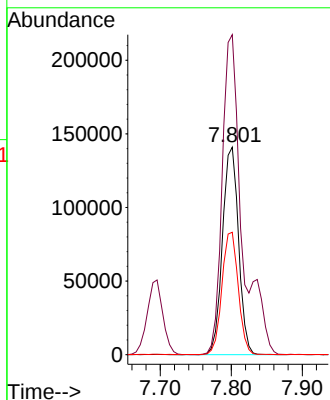
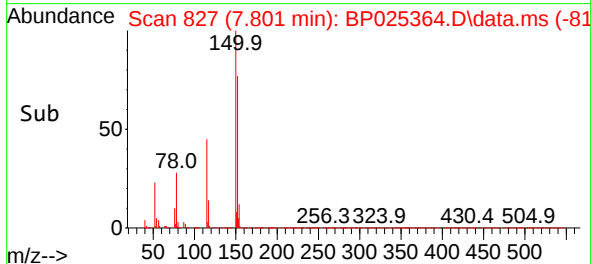
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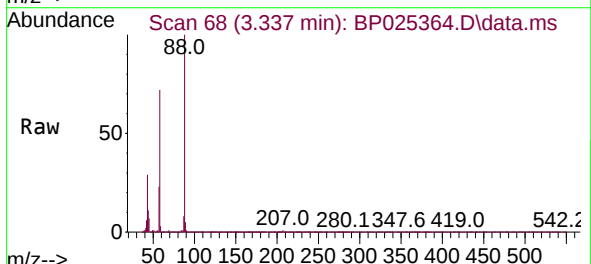
Tgt Ion:152 Resp: 220840
Ion Ratio Lower Upper
152 100
150 154.2 125.1 187.7
115 59.0 48.4 72.6

Manual Integrations
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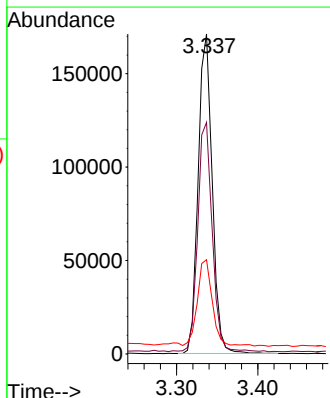
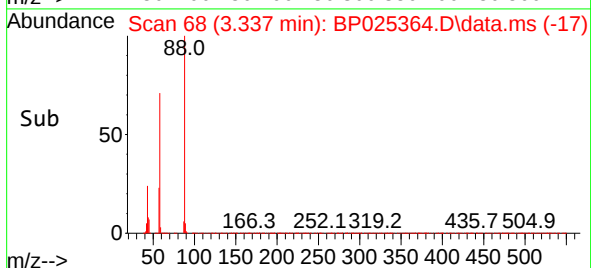
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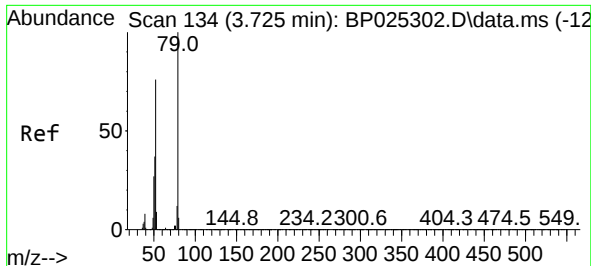


#2
1,4-Dioxane
Concen: 37.966 ng
RT: 3.337 min Scan# 68
Delta R.T. -0.000 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54



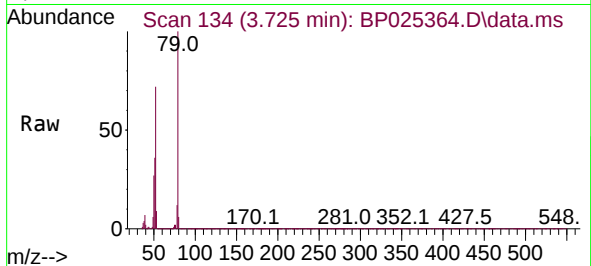
Tgt Ion: 88 Resp: 205719
Ion Ratio Lower Upper
88 100
58 74.2 61.9 92.9
43 29.3 24.2 36.2





#3
Pyridine
Concen: 37.728 ng
RT: 3.725 min Scan# 118
Delta R.T. 0.000 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

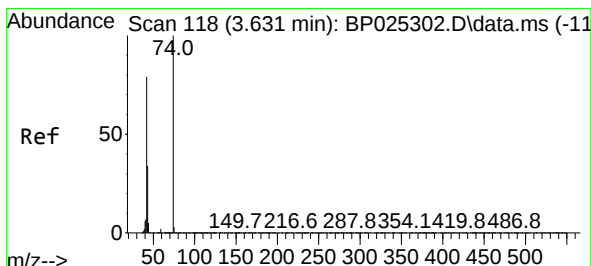
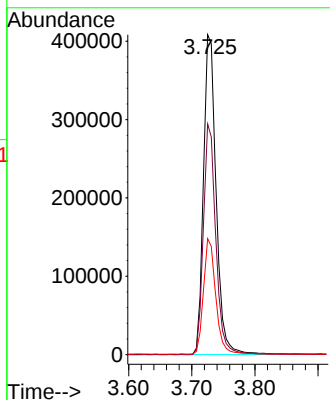
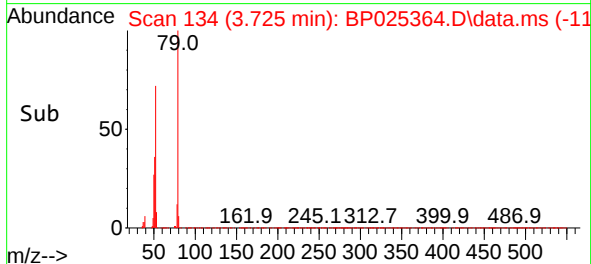
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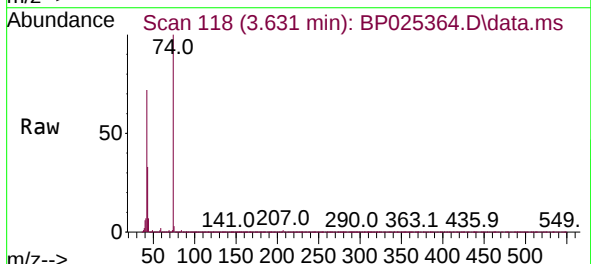
Tgt Ion: 79 Resp: 56796
Ion Ratio Lower Upper
79 100
52 72.1 60.5 90.7
51 36.3 30.2 45.2

Manual Integrations
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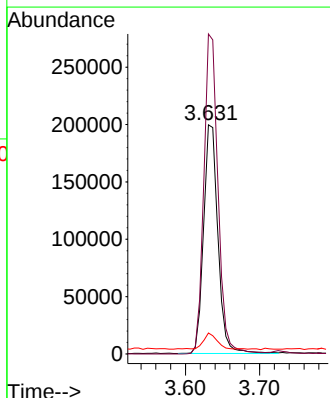
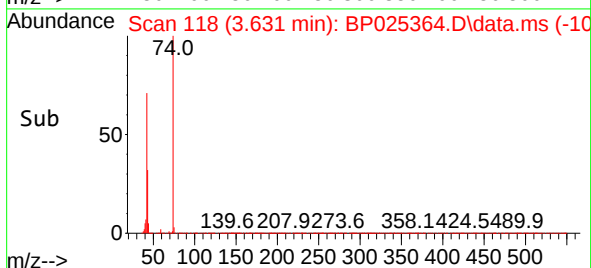
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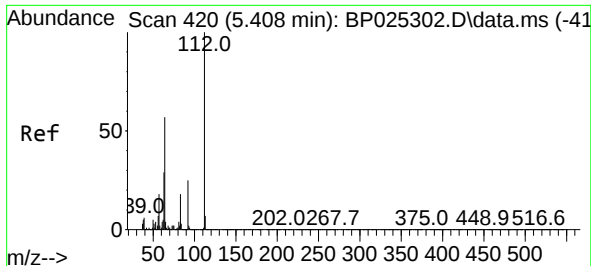


#4
n-Nitrosodimethylamine
Concen: 38.396 ng
RT: 3.631 min Scan# 118
Delta R.T. -0.000 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54



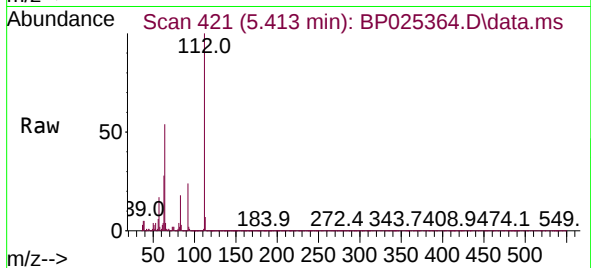
Tgt Ion: 42 Resp: 268350
Ion Ratio Lower Upper
42 100
74 139.7 101.4 152.2
44 9.1 7.6 11.4





#5
2-Fluorophenol
Concen: 129.376 ng
RT: 5.413 min Scan# 421
Delta R.T. 0.005 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

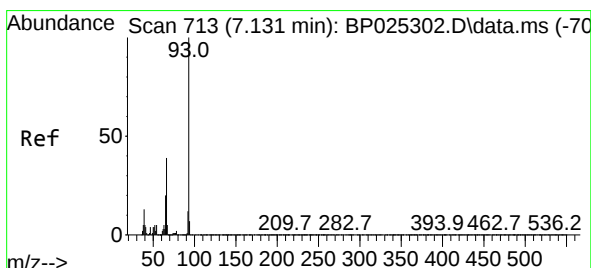
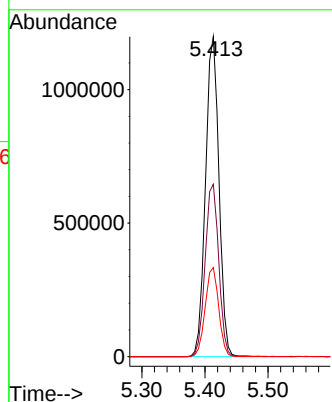
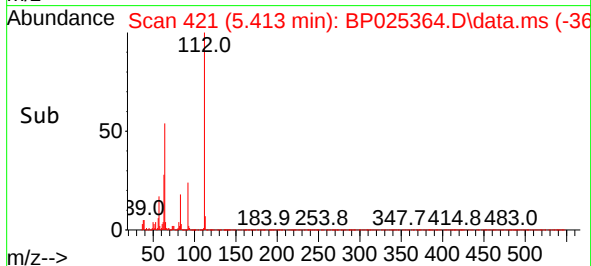
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Tgt Ion:112 Resp: 1776429
Ion Ratio Lower Upper
112 100
64 53.9 45.3 67.9
63 27.9 23.0 34.6

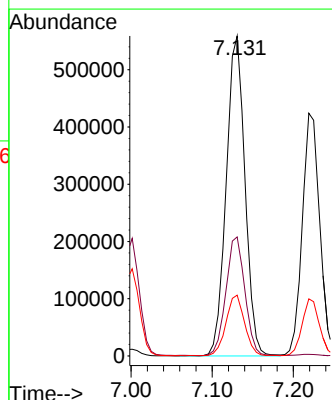
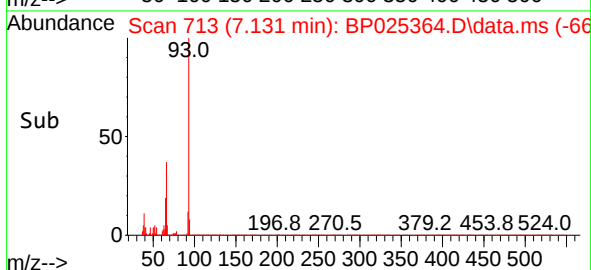
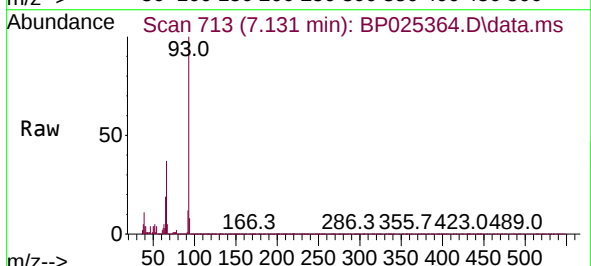
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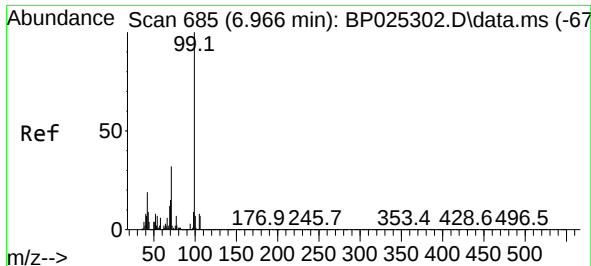
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#6
Aniline
Concen: 36.184 ng
RT: 7.131 min Scan# 713
Delta R.T. -0.000 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

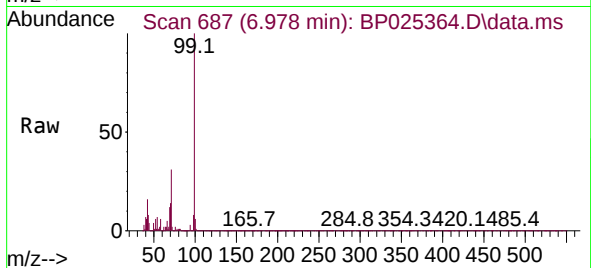
Tgt Ion: 93 Resp: 897612
Ion Ratio Lower Upper
93 100
66 37.2 31.1 46.7
65 19.0 15.8 23.8





#7
Phenol-d6
Concen: 119.644 ng
RT: 6.978 min Scan# 687
Delta R.T. 0.012 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

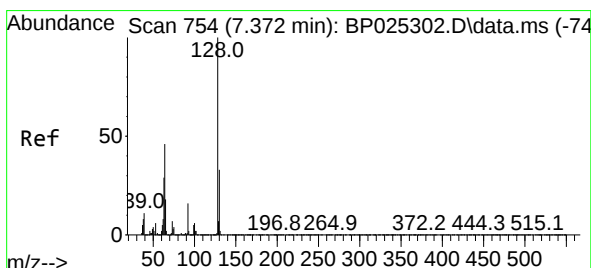
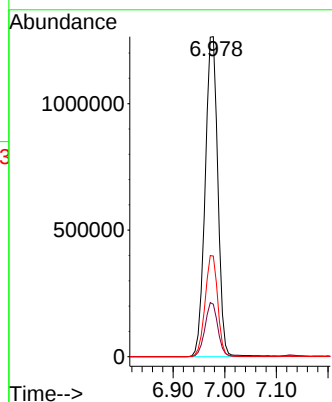
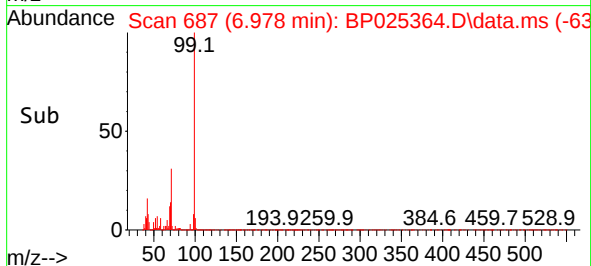
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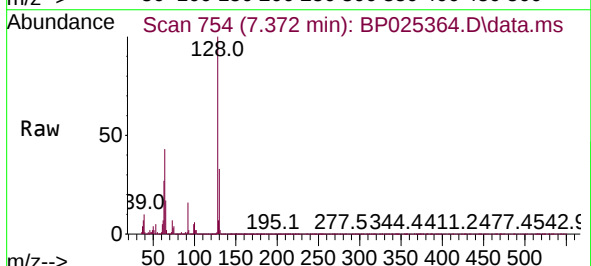
Tgt Ion: 99 Resp: 2162045
Ion Ratio Lower Upper
99 100
42 16.4 15.0 22.6
71 31.4 25.5 38.3

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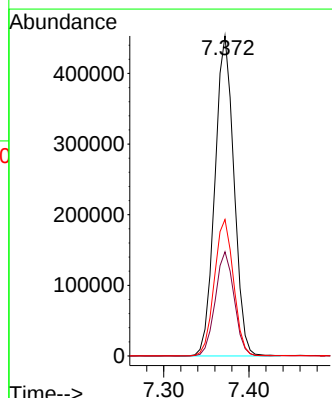
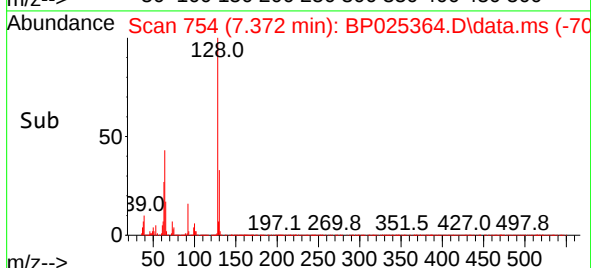
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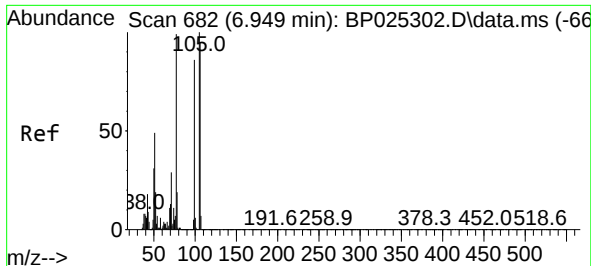


#8
2-Chlorophenol
Concen: 46.869 ng
RT: 7.372 min Scan# 754
Delta R.T. -0.000 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54



Tgt Ion:128 Resp: 704417
Ion Ratio Lower Upper
128 100
130 32.6 13.1 53.1
64 42.7 26.1 66.1





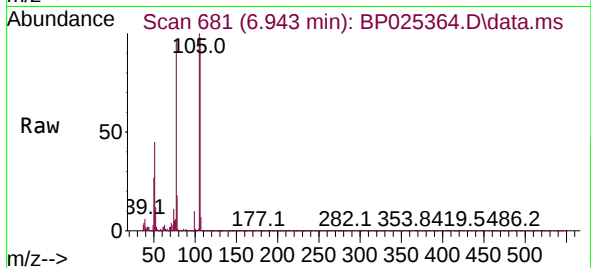
#9
Benzaldehyde
Concen: 27.534 ng m
RT: 6.943 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

Instrument :

BNA_P

ClientSampleId :

PB169180BS



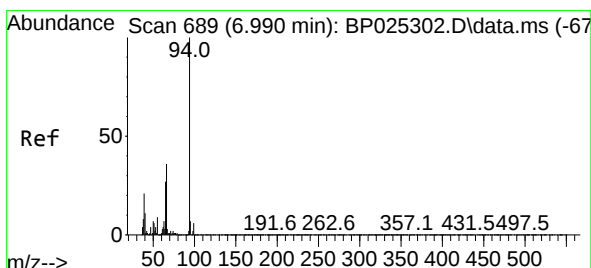
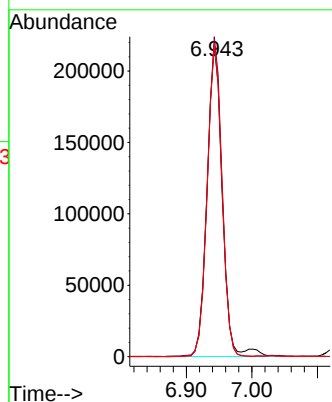
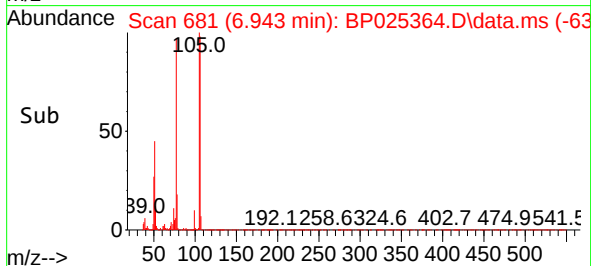
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Ion Ratio Lower Upper
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105 102.8 81.4 121.4
106 100.5 76.2 116.2

Manual Integrations

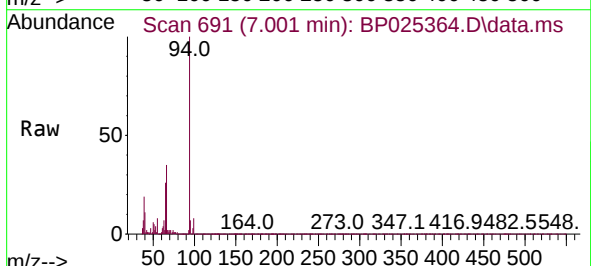
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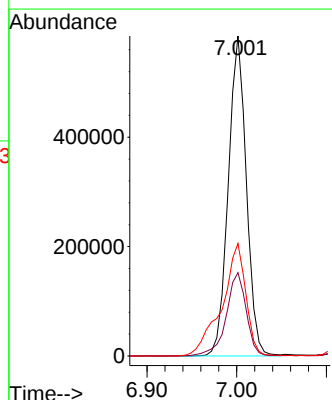
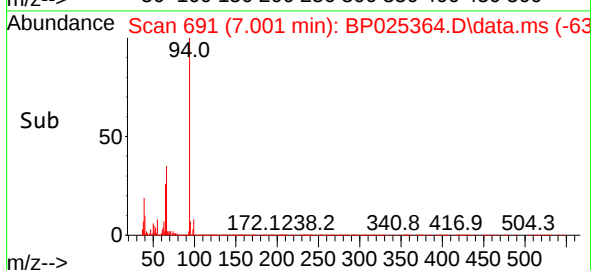
Supervised By :Jagrut Upadhyay 08/13/2025

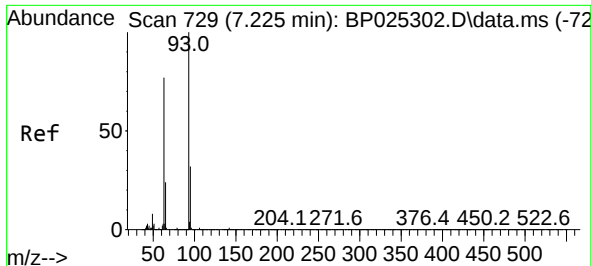


#10
Phenol
Concen: 42.283 ng
RT: 7.001 min Scan# 691
Delta R.T. 0.011 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54



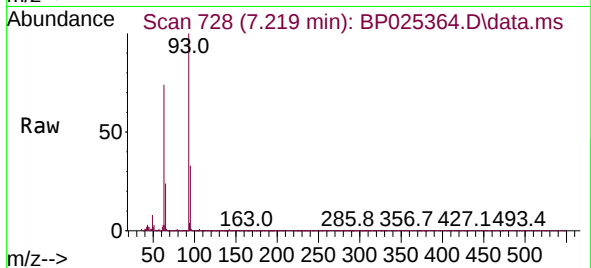
Tgt Ion: 94 Resp: 817527
Ion Ratio Lower Upper
94 100
65 26.1 7.3 47.3
66 35.1 15.7 55.7





#11
bis(2-Chloroethyl)ether
Concen: 41.868 ng
RT: 7.219 min Scan# 729
Delta R.T. -0.006 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

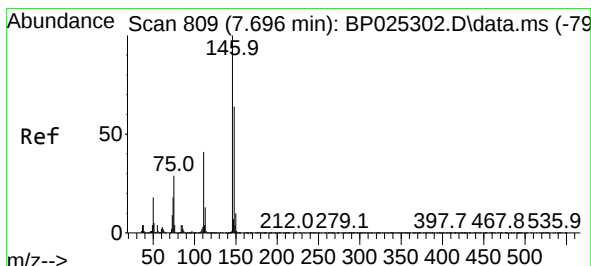
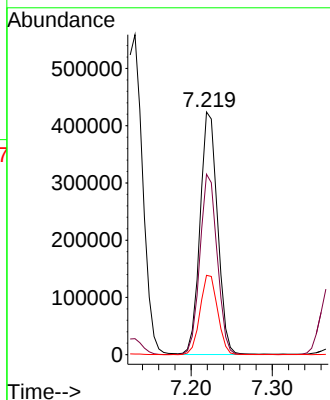
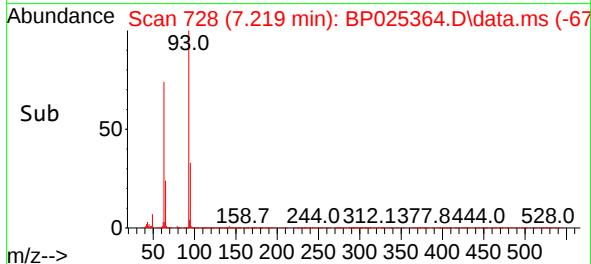
Instrument :
BNA_P
ClientSampleId :
PB169180BS



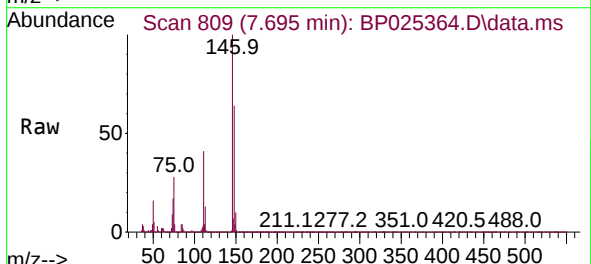
Tgt Ion: 93 Resp: 63428
Ion Ratio Lower Upper
93 100
63 74.4 57.0 97.0
95 32.7 12.1 52.1

Manual Integrations
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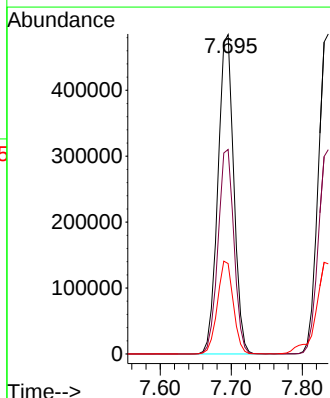
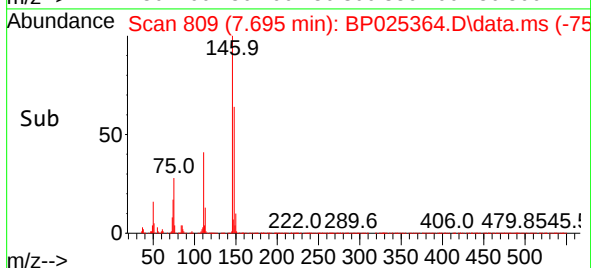
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

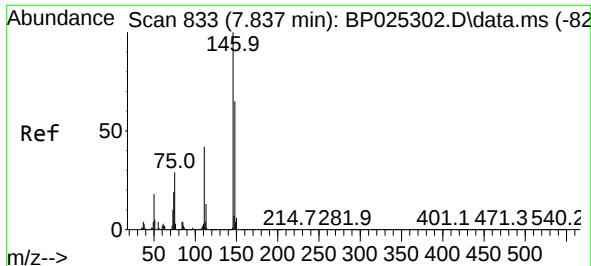


#12
1,3-Dichlorobenzene
Concen: 44.252 ng
RT: 7.695 min Scan# 809
Delta R.T. -0.001 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54



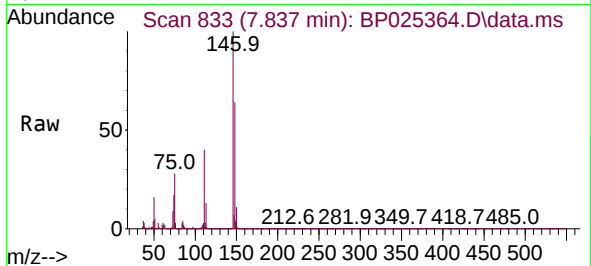
Tgt Ion:146 Resp: 747314
Ion Ratio Lower Upper
146 100
148 64.1 51.1 76.7
75 28.3 23.2 34.8





#13
1,4-Dichlorobenzene
Concen: 44.631 ng
RT: 7.837 min Scan# 833
Delta R.T. -0.000 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

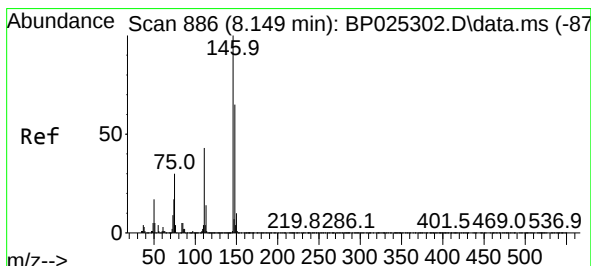
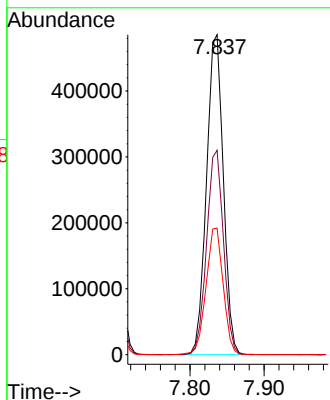
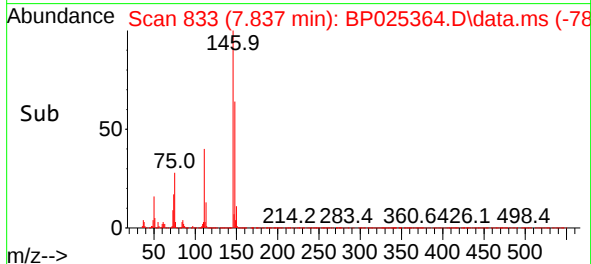
Instrument :
BNA_P
ClientSampleId :
PB169180BS



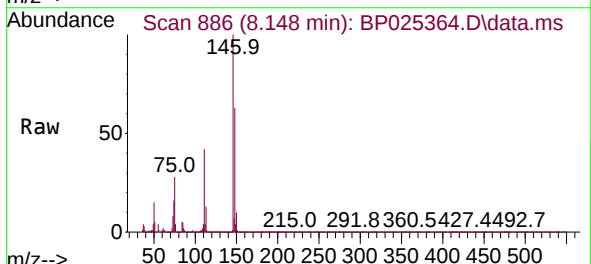
Tgt Ion:146 Resp: 762548
Ion Ratio Lower Upper
146 100
148 63.8 52.0 78.0
111 39.5 33.2 49.8

Manual Integrations
APPROVED

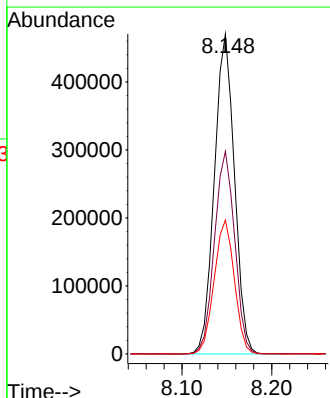
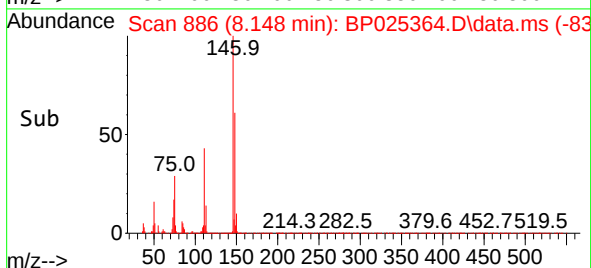
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

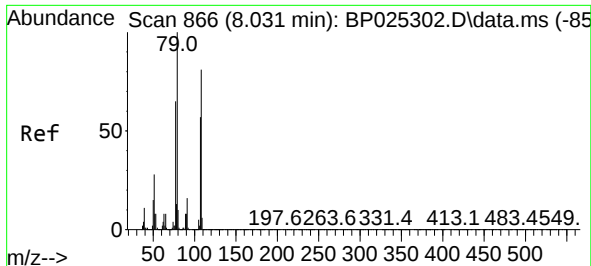


#14
1,2-Dichlorobenzene
Concen: 44.227 ng
RT: 8.148 min Scan# 886
Delta R.T. -0.001 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54



Tgt Ion:146 Resp: 732005
Ion Ratio Lower Upper
146 100
148 63.3 51.9 77.9
111 41.8 34.4 51.6





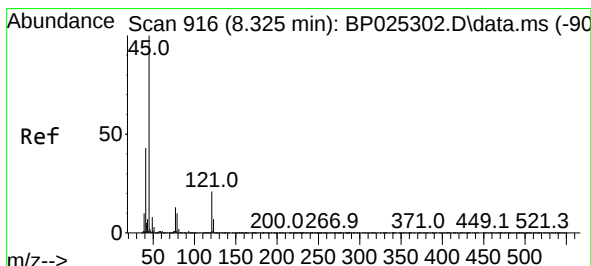
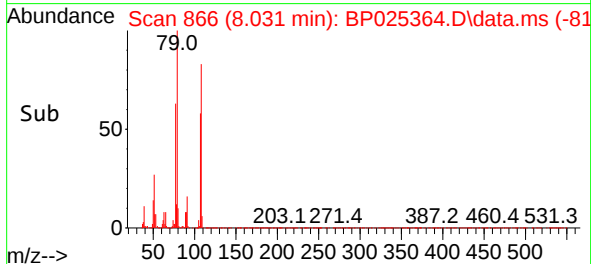
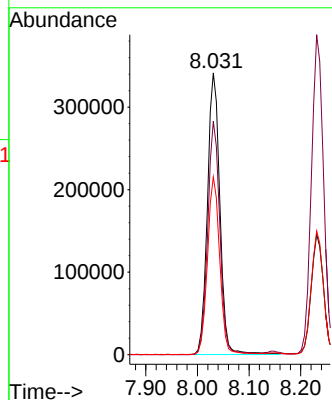
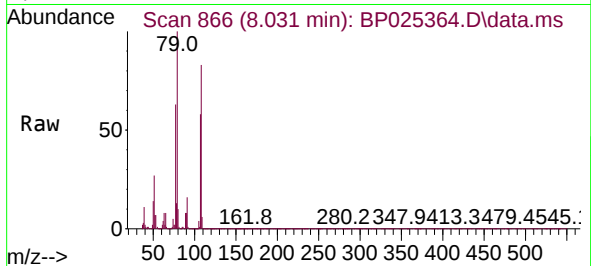
#15
Benzyl Alcohol
Concen: 40.710 ng
RT: 8.031 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

Instrument :
BNA_P
ClientSampleId :
PB169180BS

Tgt Ion: 79 Resp: 570249
Ion Ratio Lower Upper
79 100
108 82.9 64.5 96.7
77 63.1 51.9 77.9

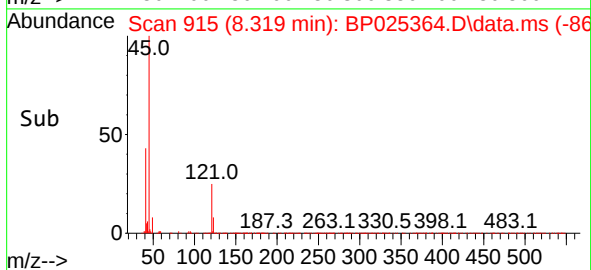
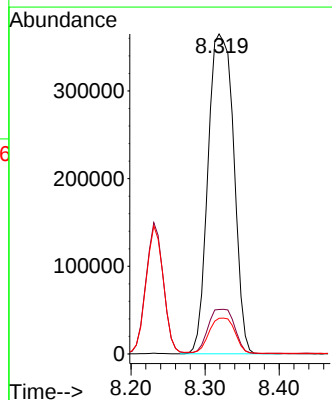
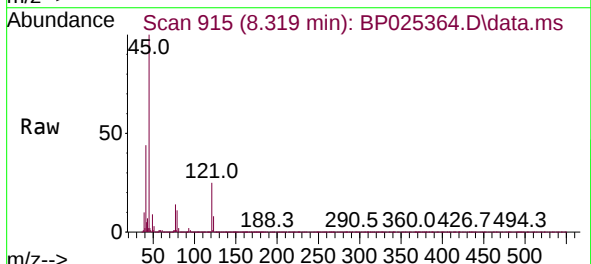
Manual Integrations
APPROVED

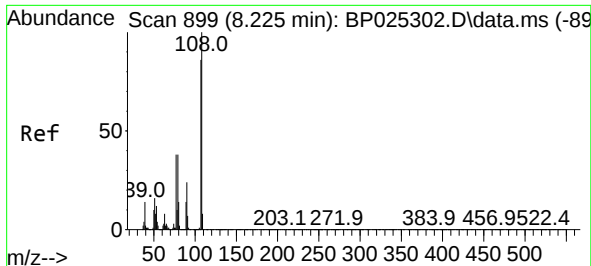
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.663 ng
RT: 8.319 min Scan# 915
Delta R.T. -0.006 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

Tgt Ion: 45 Resp: 877417
Ion Ratio Lower Upper
45 100
77 13.9 0.0 33.0
79 11.2 0.0 29.8





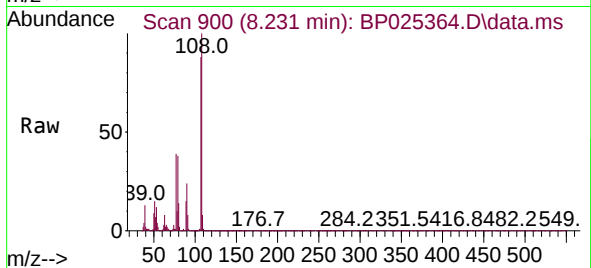
#17
2-Methylphenol
Concen: 42.885 ng
RT: 8.231 min Scan# 900
Delta R.T. 0.006 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

Instrument :

BNA_P

ClientSampleId :

PB169180BS

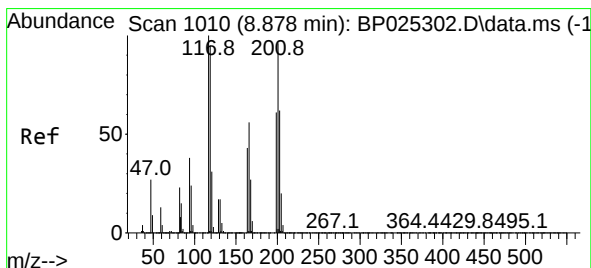
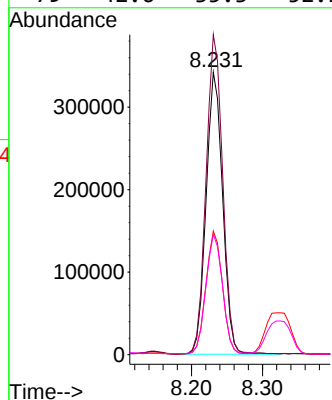
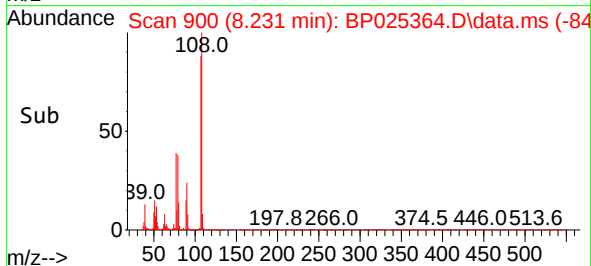


Tgt Ion:107 Resp: 554819
Ion Ratio Lower Upper
107 100
108 113.2 92.6 139.0
77 43.8 35.4 53.2
79 42.6 35.3 52.9

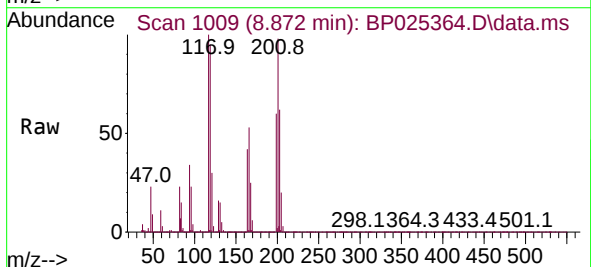
Manual Integrations

APPROVED

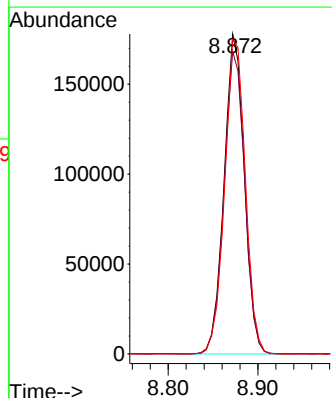
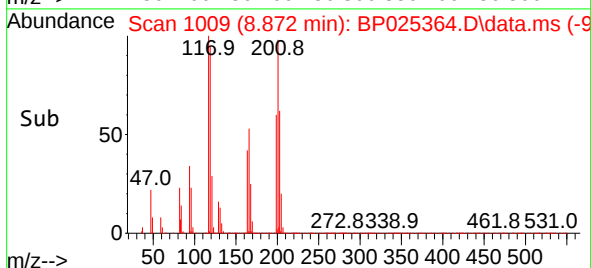
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

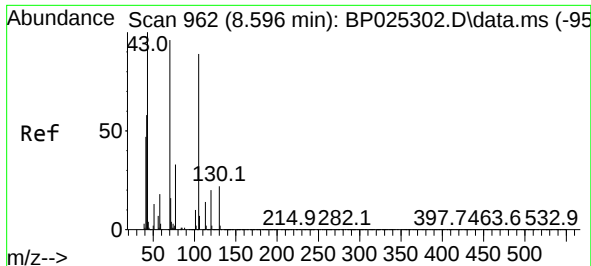


#18
Hexachloroethane
Concen: 45.784 ng
RT: 8.872 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54



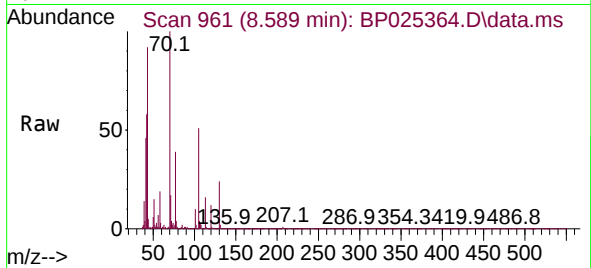
Tgt Ion:117 Resp: 279747
Ion Ratio Lower Upper
117 100
119 94.6 75.8 113.8
201 98.3 76.6 114.8





#19
n-Nitroso-di-n-propylamine
Concen: 39.014 ng
RT: 8.589 min Scan# 961
Delta R.T. -0.007 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

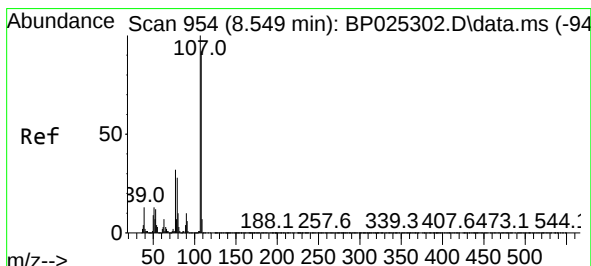
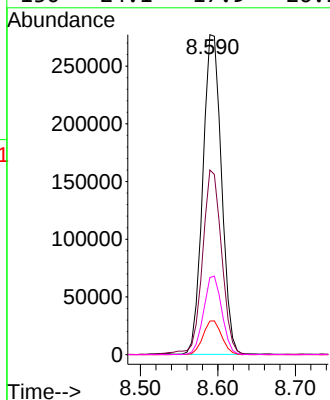
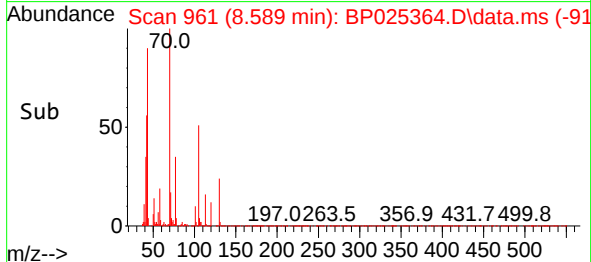
Instrument :
BNA_P
ClientSampleId :
PB169180BS



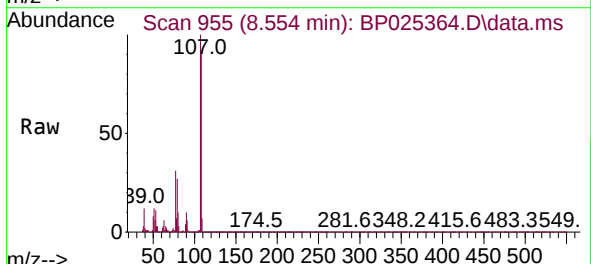
Tgt Ion: 70 Resp: 463209
Ion Ratio Lower Upper
70 100
42 57.7 49.4 74.0
101 10.5 7.9 11.9
130 24.1 17.9 26.9

Manual Integrations
APPROVED

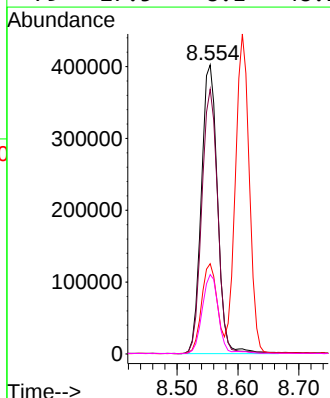
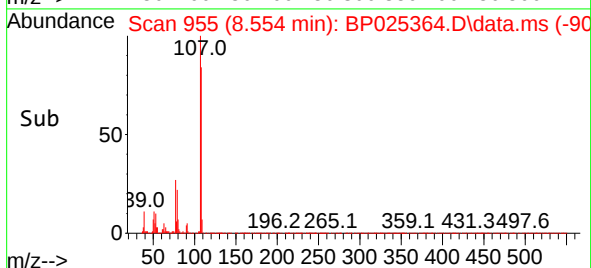
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

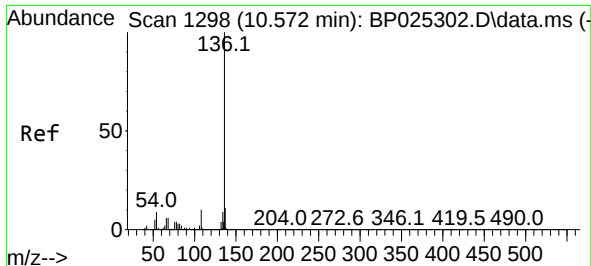


#20
3+4-Methylphenols
Concen: 41.833 ng
RT: 8.554 min Scan# 955
Delta R.T. 0.005 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54



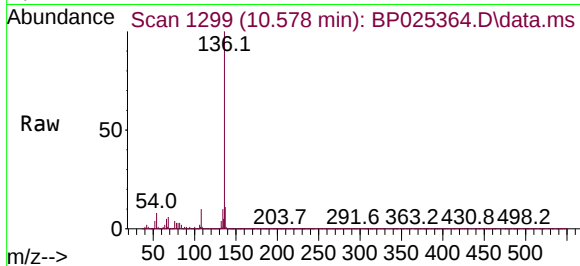
Tgt Ion:107 Resp: 745255
Ion Ratio Lower Upper
107 100
108 91.6 71.9 111.9
77 31.2 12.0 52.0
79 27.5 8.1 48.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.578 min Scan# 1299
Delta R.T. 0.006 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

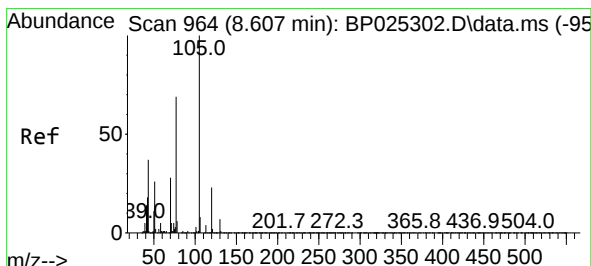
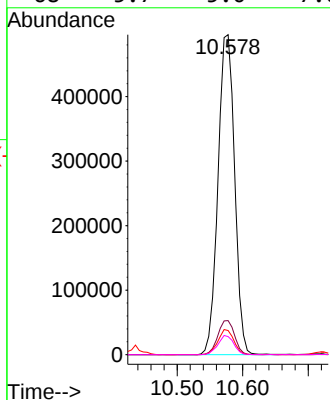
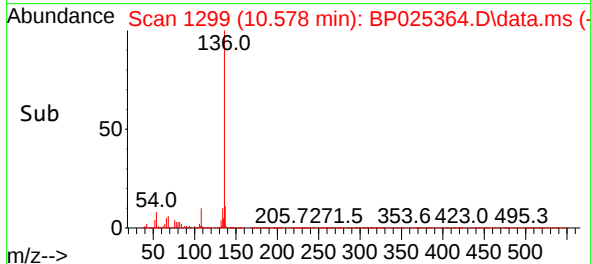
Instrument :
BNA_P
ClientSampleId :
PB169180BS



Tgt Ion:136 Resp: 869704
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.6 7.0 10.6
68 5.7 5.0 7.6

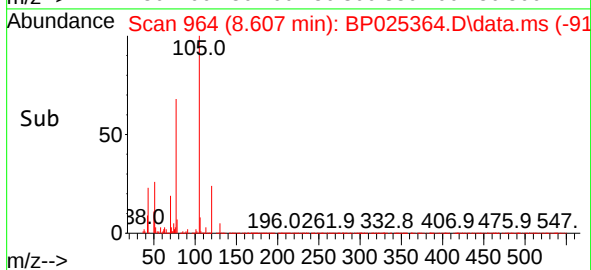
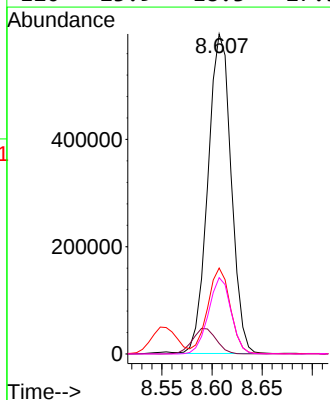
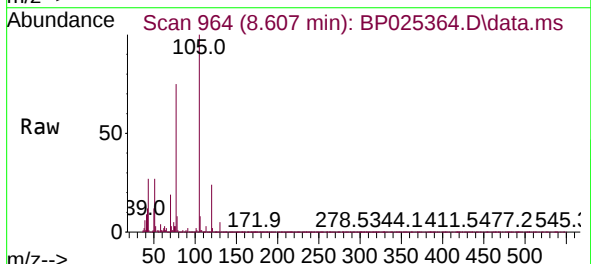
Manual Integrations
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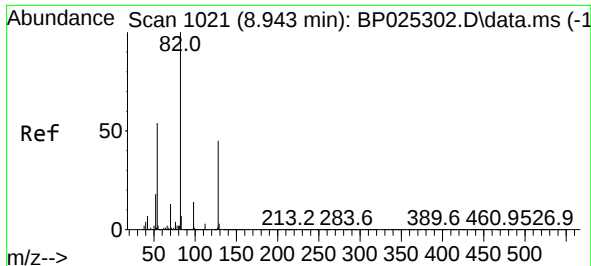
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#22
Acetophenone
Concen: 44.054 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

Tgt Ion:105 Resp: 961828
Ion Ratio Lower Upper
105 100
71 3.3 4.1 6.1#
51 26.9 22.7 34.1
120 23.9 18.3 27.5





#23
Nitrobenzene-d5
Concen: 85.660 ng
RT: 8.942 min Scan# 1021
Delta R.T. -0.001 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

Instrument :

BNA_P

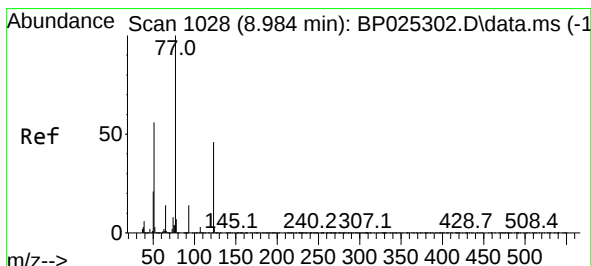
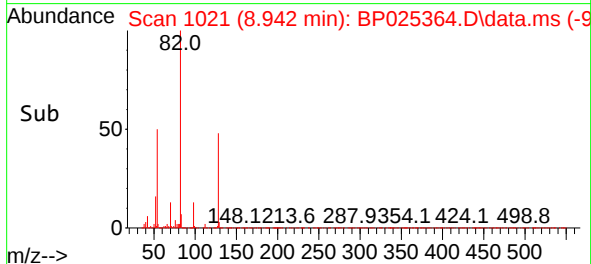
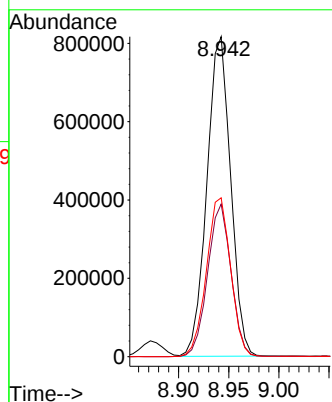
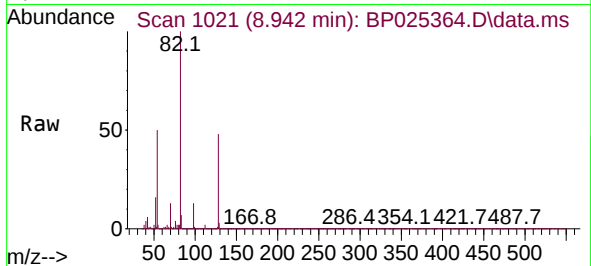
ClientSampleId :

PB169180BS

Tgt Ion: 82 Resp: 134471
Ion Ratio Lower Upper
82 100
128 47.7 35.4 53.2
54 49.6 42.9 64.3

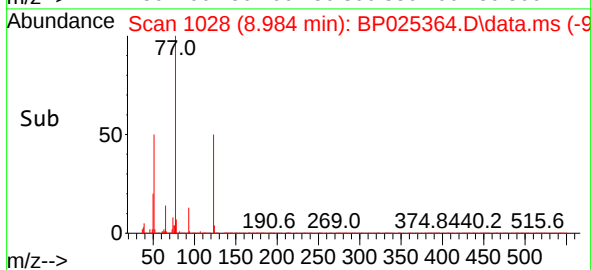
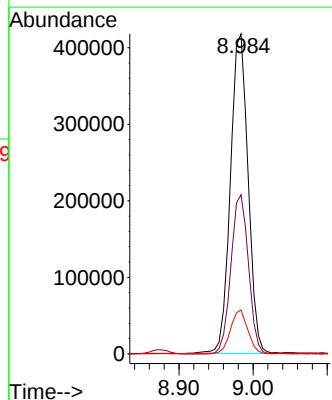
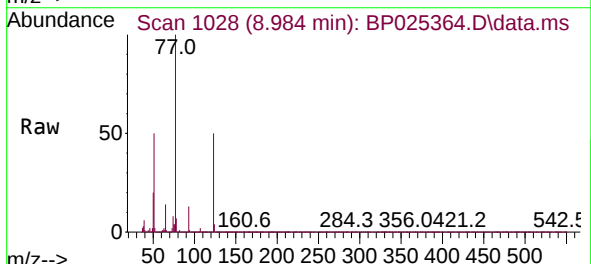
Manual Integrations
APPROVED

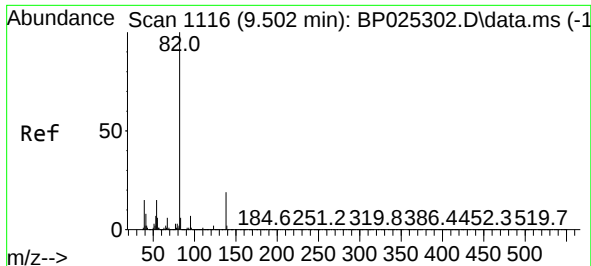
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#24
Nitrobenzene
Concen: 46.513 ng
RT: 8.984 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

Tgt Ion: 77 Resp: 691190
Ion Ratio Lower Upper
77 100
123 49.7 37.4 56.2
65 13.8 11.1 16.7





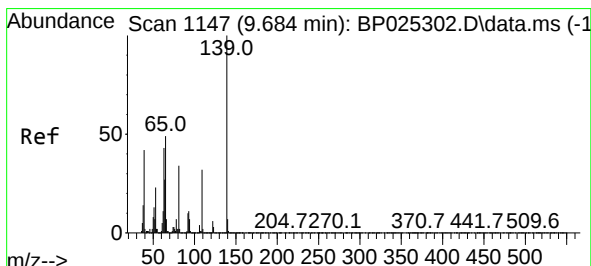
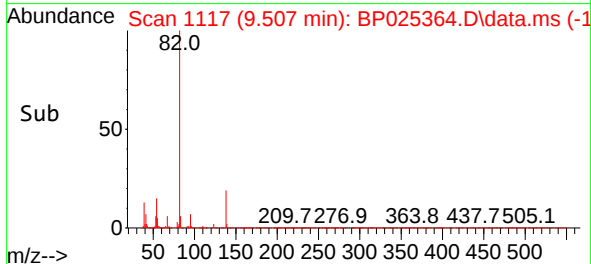
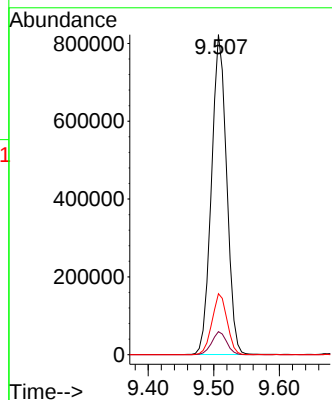
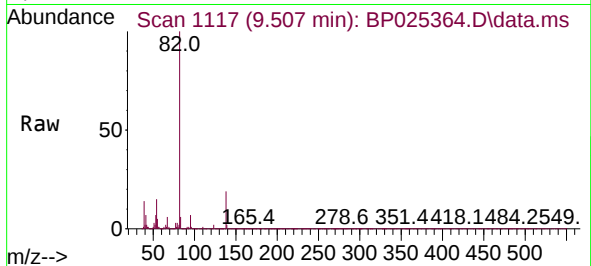
#25
Isophorone
Concen: 42.295 ng
RT: 9.507 min Scan# 1116
Delta R.T. 0.005 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

Instrument :
BNA_P
ClientSampleId :
PB169180BS

Tgt Ion: 82 Resp: 132166
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 19.0 15.0 22.6

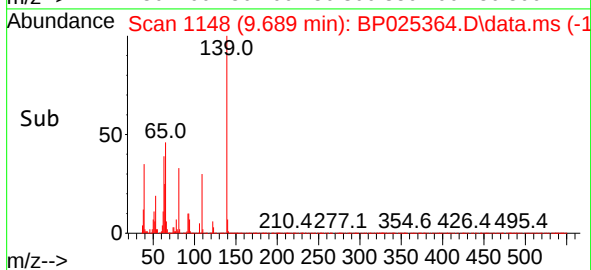
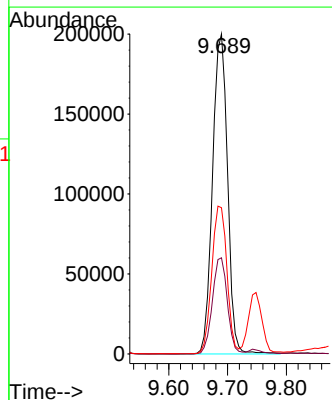
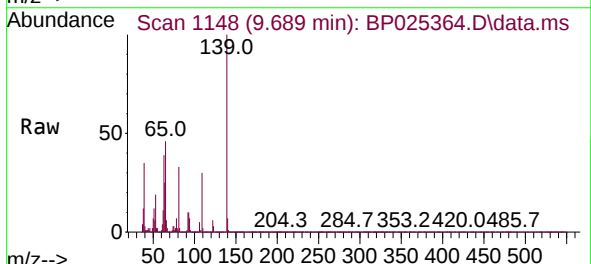
Manual Integrations
APPROVED

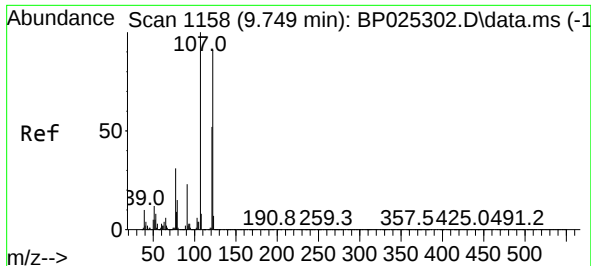
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#26
2-Nitrophenol
Concen: 54.210 ng
RT: 9.689 min Scan# 1148
Delta R.T. 0.005 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

Tgt Ion:139 Resp: 354210
Ion Ratio Lower Upper
139 100
109 30.1 25.2 37.8
65 45.7 39.6 59.4





#27

2,4-Dimethylphenol

Concen: 43.607 ng

RT: 9.748 min Scan# 1158

Delta R.T. -0.001 min

Lab File: BP025364.D

Acq: 12 Aug 2025 12:54

Instrument :

BNA_P

ClientSampleId :

PB169180BS

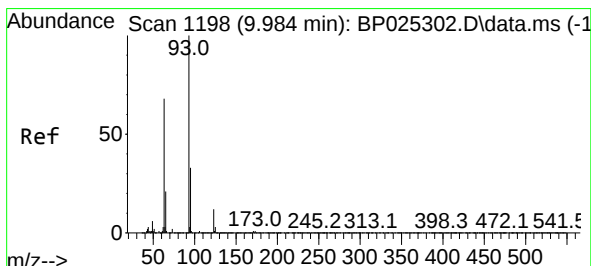
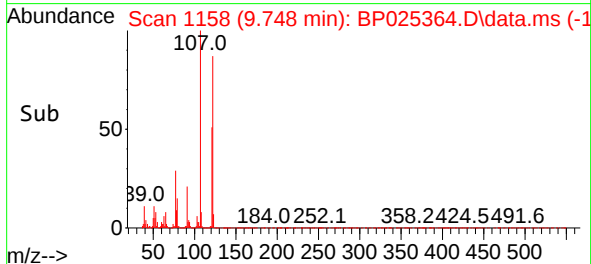
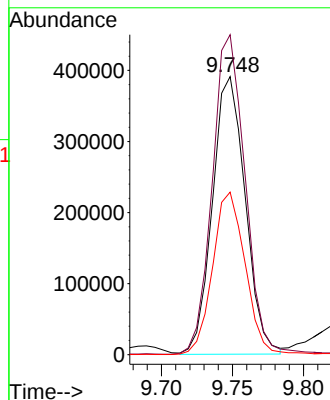
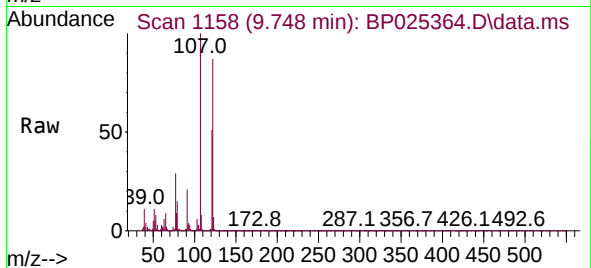
Tgt Ion:122 Resp: 628234
 Ion Ratio Lower Upper
 122 100
 107 115.0 87.4 131.0
 121 58.5 45.8 68.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/13/2025

Supervised By :Jagrut Upadhyay 08/13/2025



#28

bis(2-Chloroethoxy)methane

Concen: 43.576 ng

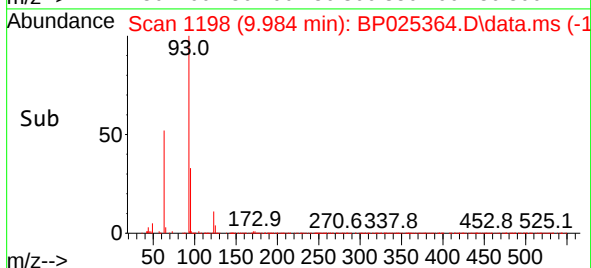
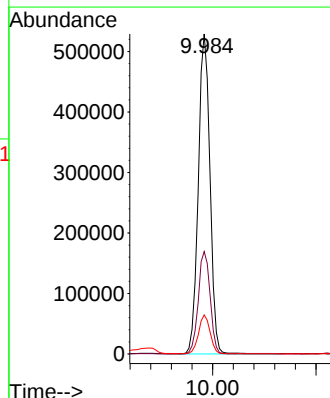
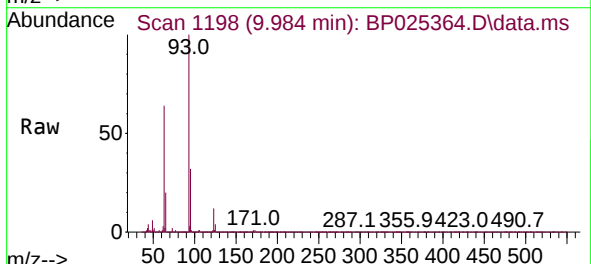
RT: 9.984 min Scan# 1198

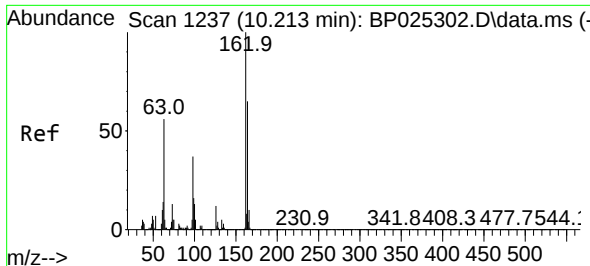
Delta R.T. -0.000 min

Lab File: BP025364.D

Acq: 12 Aug 2025 12:54

Tgt Ion: 93 Resp: 828355
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.5 39.7
 123 12.2 9.4 14.2





#29
2,4-Dichlorophenol
Concen: 48.340 ng
RT: 10.225 min Scan# 1239
Delta R.T. 0.012 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

Instrument :

BNA_P

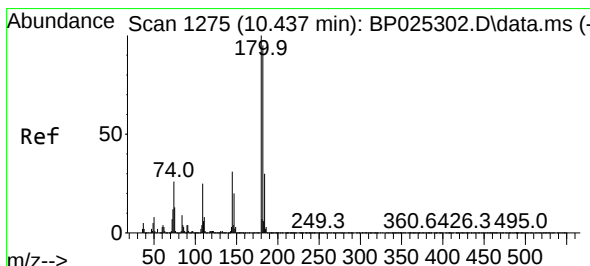
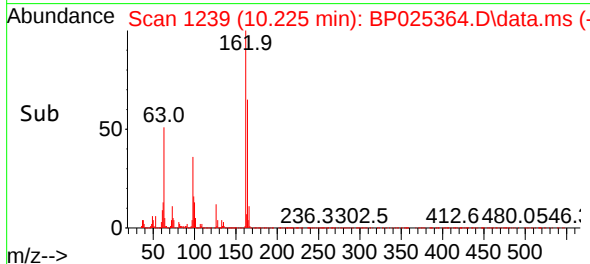
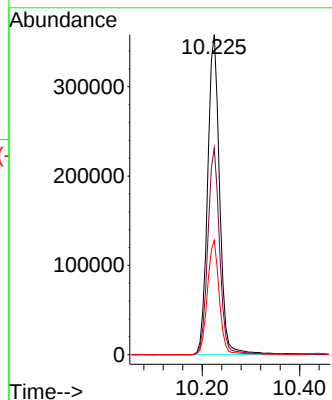
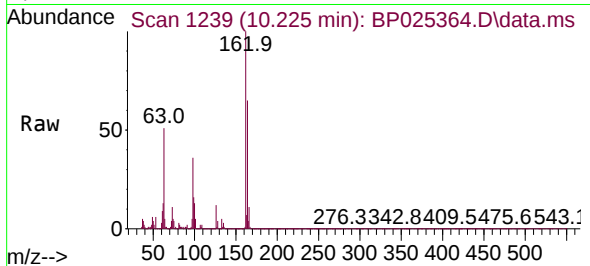
ClientSampleId :

PB169180BS

Tgt Ion:162 Resp: 609708
Ion Ratio Lower Upper
162 100
164 64.6 45.2 85.2
98 35.8 17.5 57.5

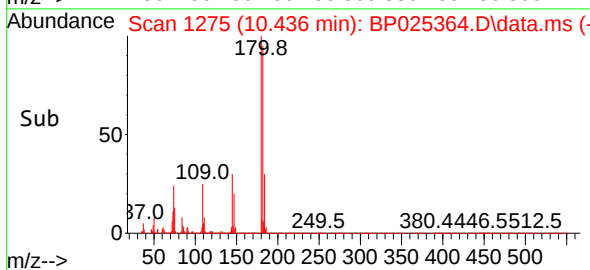
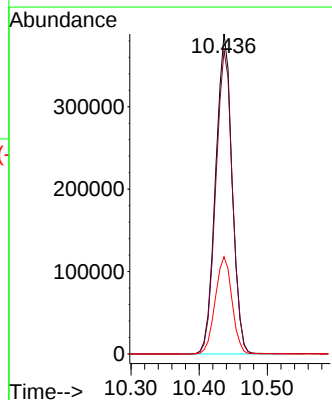
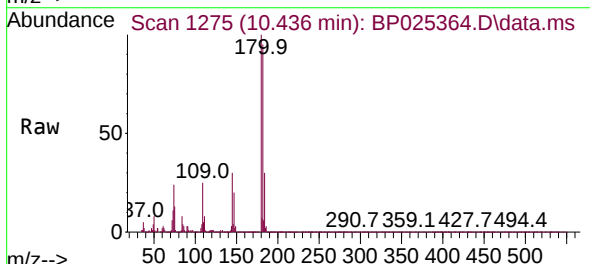
Manual Integrations
APPROVED

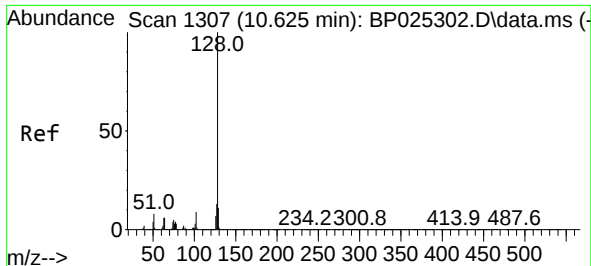
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#30
1,2,4-Trichlorobenzene
Concen: 47.032 ng
RT: 10.436 min Scan# 1275
Delta R.T. -0.001 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

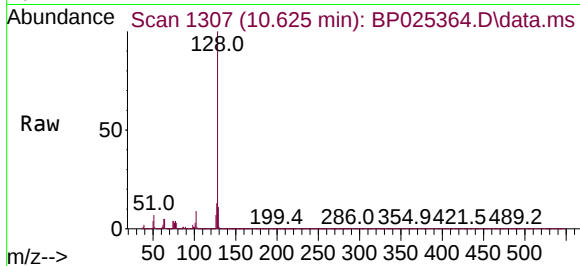
Tgt Ion:180 Resp: 654455
Ion Ratio Lower Upper
180 100
182 94.8 75.8 113.8
145 30.4 25.0 37.4





#31
Naphthalene
Concen: 45.364 ng
RT: 10.625 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

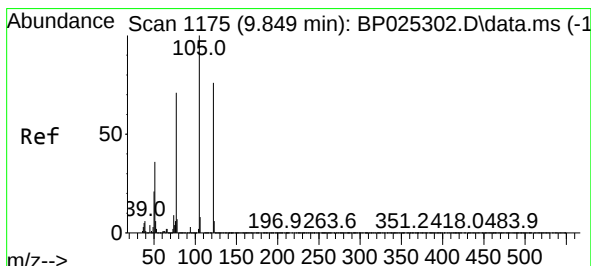
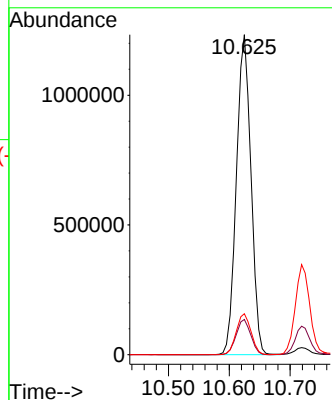
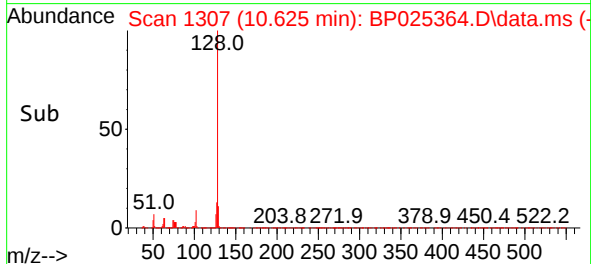
Instrument :
BNA_P
ClientSampleId :
PB169180BS



Tgt Ion:128 Resp: 2048114
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 12.8 10.4 15.6

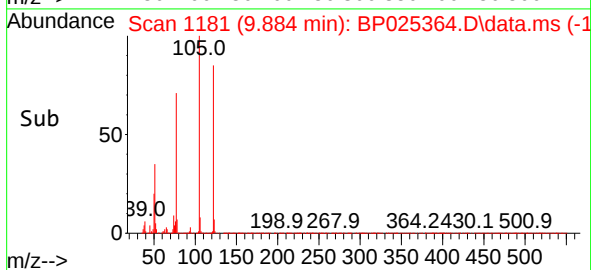
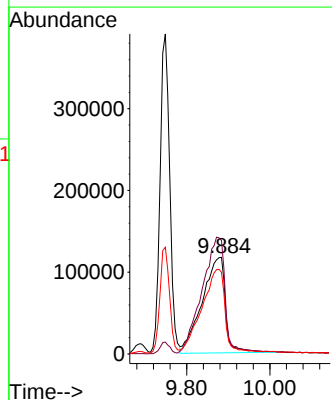
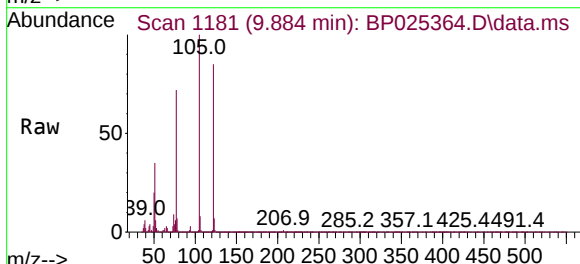
Manual Integrations
APPROVED

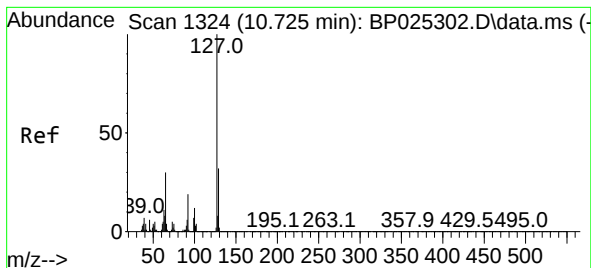
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#32
Benzoic acid
Concen: 53.159 ng
RT: 9.884 min Scan# 1181
Delta R.T. 0.035 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

Tgt Ion:122 Resp: 456006
Ion Ratio Lower Upper
122 100
105 117.6 104.0 144.0
77 84.5 71.8 111.8





#33
4-Chloroaniline
Concen: 29.026 ng
RT: 10.719 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

Instrument :

BNA_P

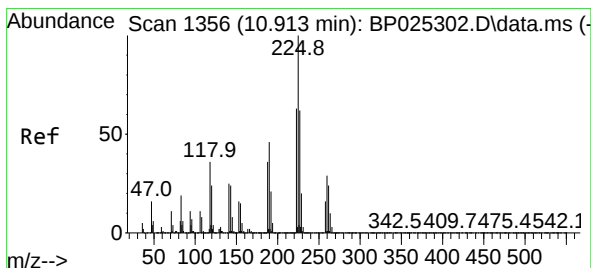
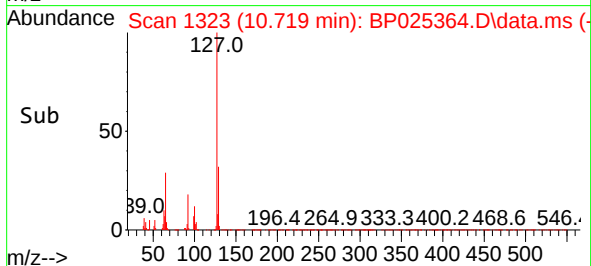
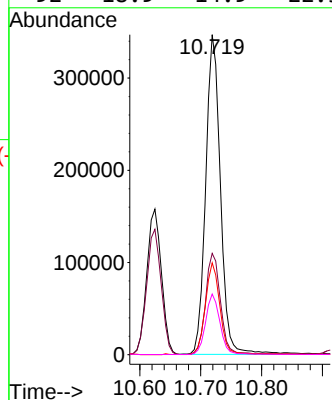
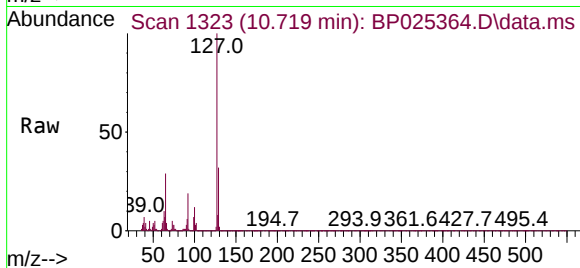
ClientSampleId :

PB169180BS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.8	38.6
65	28.7	23.6	35.4
92	18.9	14.9	22.3

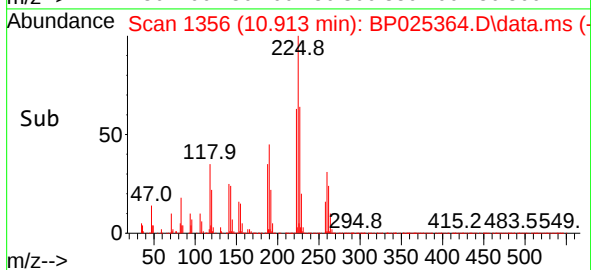
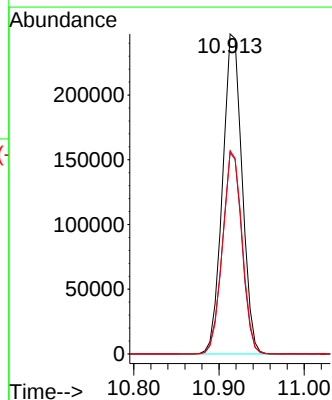
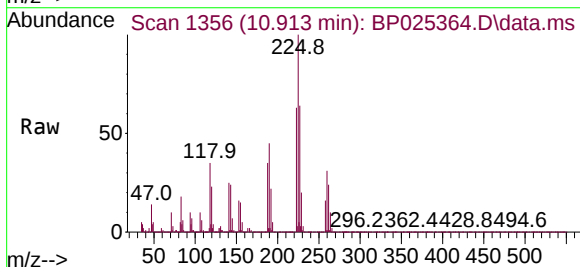
Manual Integrations
APPROVED

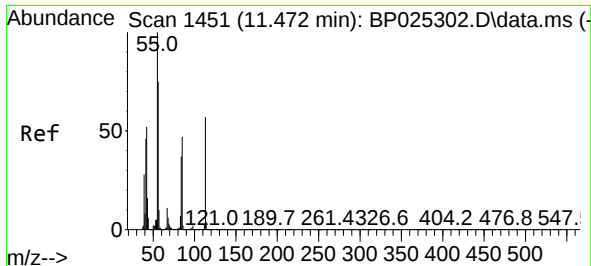
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#34
Hexachlorobutadiene
Concen: 49.294 ng
RT: 10.913 min Scan# 1356
Delta R.T. -0.000 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

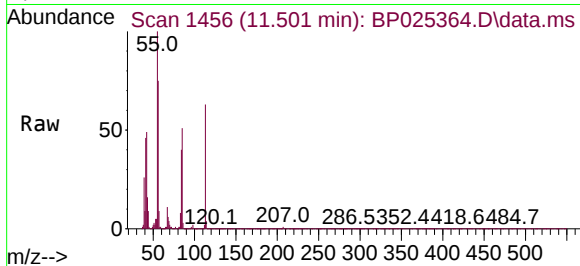
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.3	75.5
227	63.5	49.7	74.5





#35
Caprolactam
Concen: 42.662 ng
RT: 11.501 min Scan# 1451
Delta R.T. 0.029 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

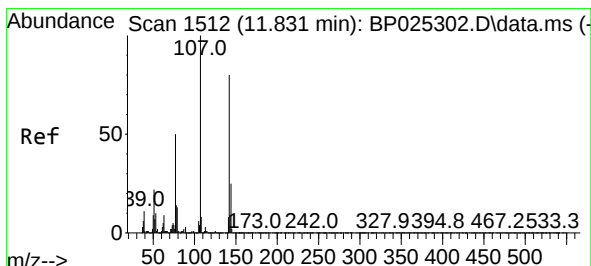
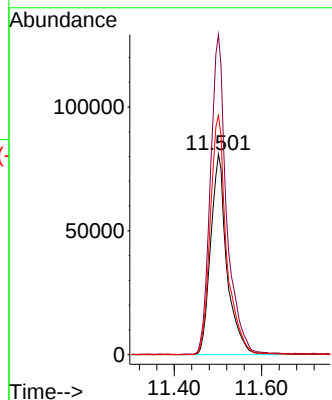
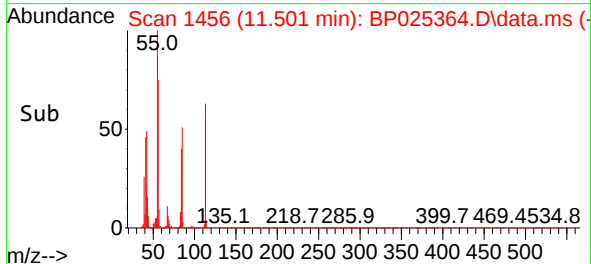
Instrument :
BNA_P
ClientSampleId :
PB169180BS



Tgt Ion:113 Resp: 208749
Ion Ratio Lower Upper
113 100
55 159.8 154.4 194.4
56 119.6 110.9 150.9

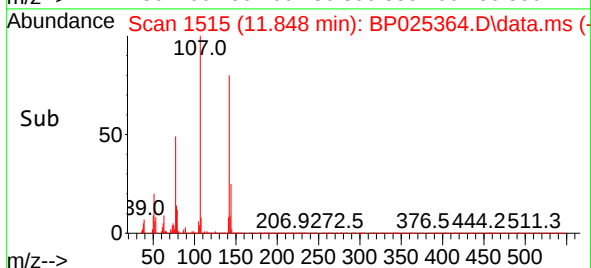
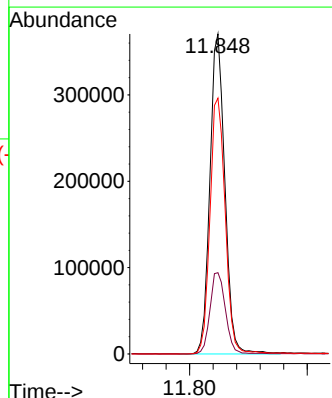
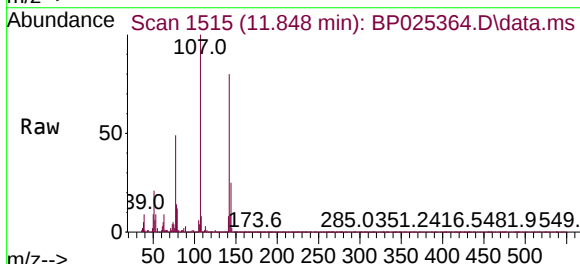
Manual Integrations
APPROVED

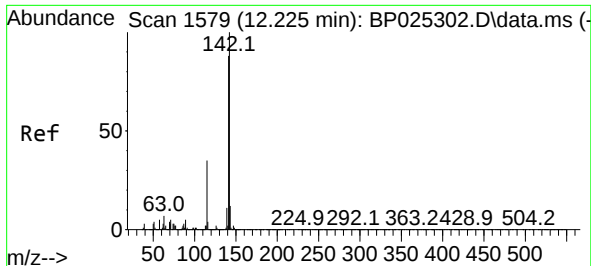
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#36
4-Chloro-3-methylphenol
Concen: 44.901 ng
RT: 11.848 min Scan# 1515
Delta R.T. 0.017 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

Tgt Ion:107 Resp: 655298
Ion Ratio Lower Upper
107 100
144 25.4 20.4 30.6
142 79.9 63.7 95.5





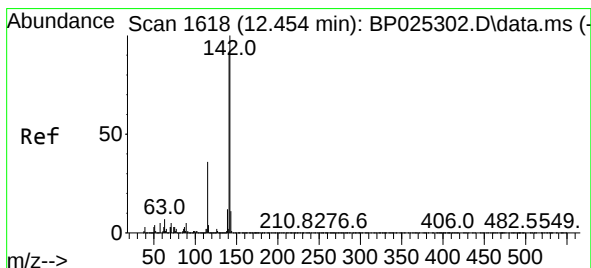
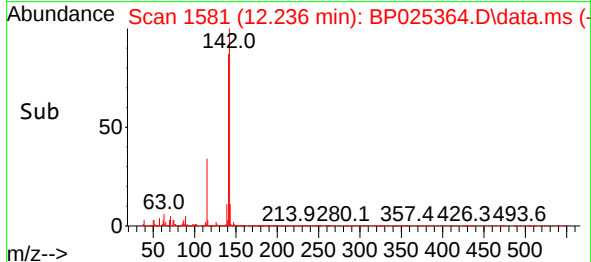
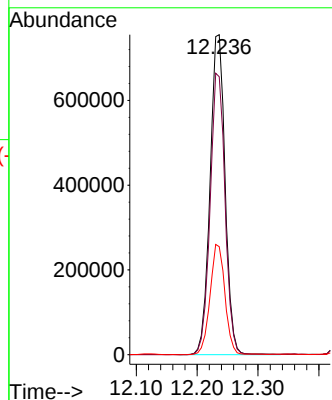
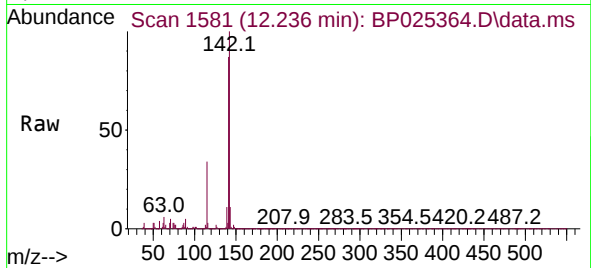
#37
2-Methylnaphthalene
Concen: 44.332 ng
RT: 12.236 min Scan# 1581
Delta R.T. 0.011 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

Instrument :
BNA_P
ClientSampleId :
PB169180BS

Tgt Ion:142 Resp: 1295489
Ion Ratio Lower Upper
142 100
141 86.9 70.4 105.6
115 33.7 28.0 42.0

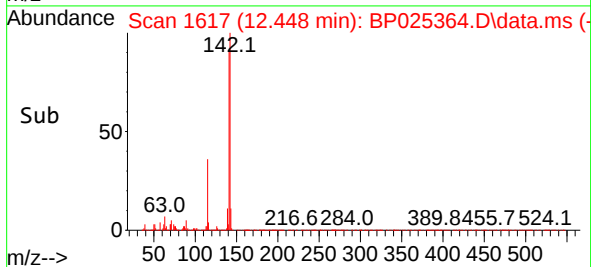
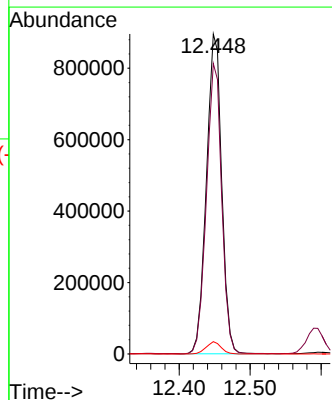
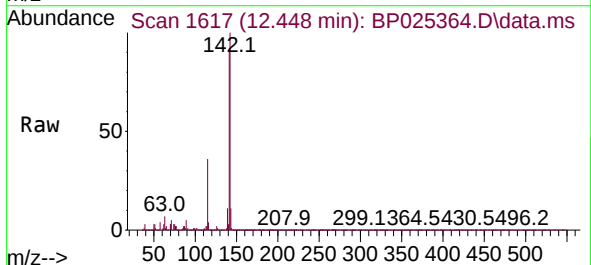
Manual Integrations
APPROVED

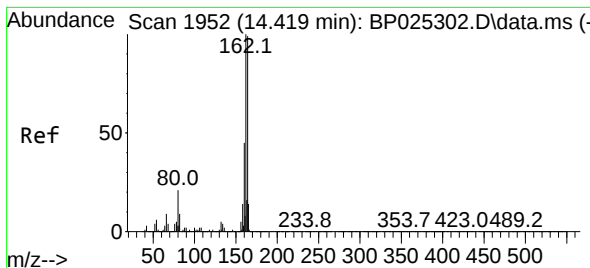
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#38
1-Methylnaphthalene
Concen: 43.918 ng
RT: 12.448 min Scan# 1617
Delta R.T. -0.006 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

Tgt Ion:142 Resp: 1339118
Ion Ratio Lower Upper
142 100
141 90.7 73.0 109.6
116 3.9 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.430 min Scan# 1952

Delta R.T. 0.011 min

Lab File: BP025364.D

Acq: 12 Aug 2025 12:54

Instrument :

BNA_P

ClientSampleId :

PB169180BS

Tgt Ion:164 Resp: 505729

Ion Ratio Lower Upper

164 100

162 100.3 80.6 120.8

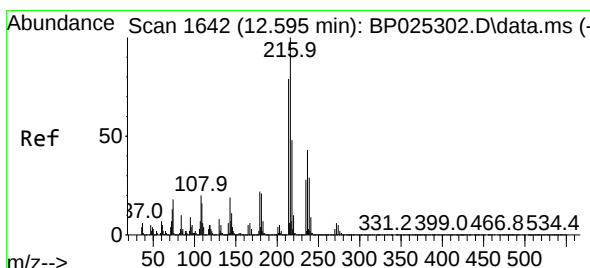
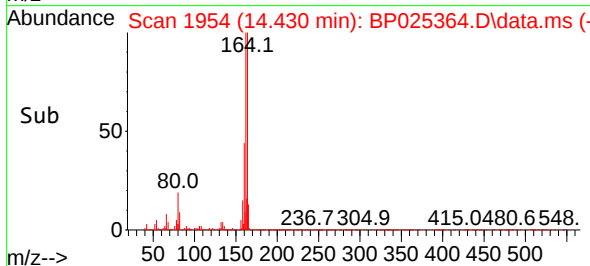
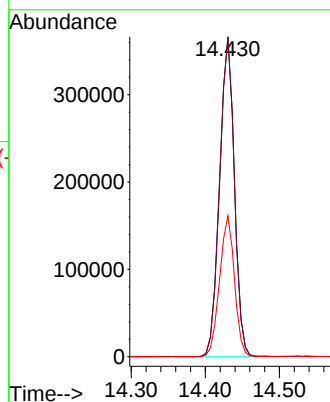
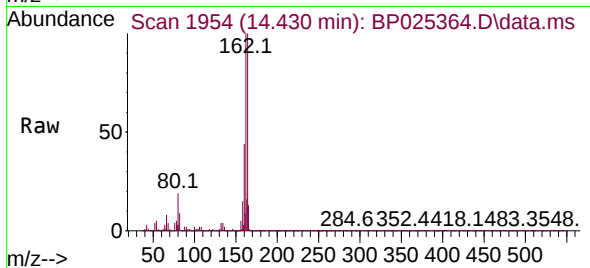
160 44.2 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/13/2025

Supervised By :Jagrut Upadhyay 08/13/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.196 ng

RT: 12.607 min Scan# 1644

Delta R.T. 0.012 min

Lab File: BP025364.D

Acq: 12 Aug 2025 12:54

Tgt Ion:216 Resp: 693061

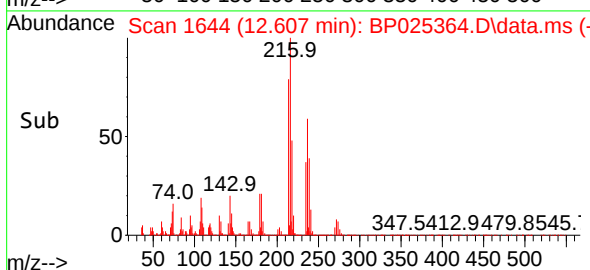
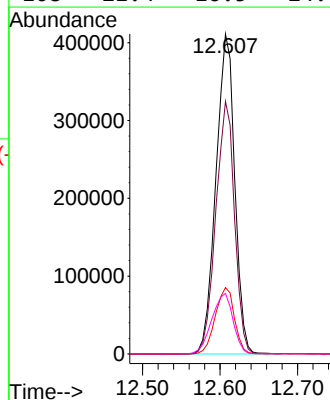
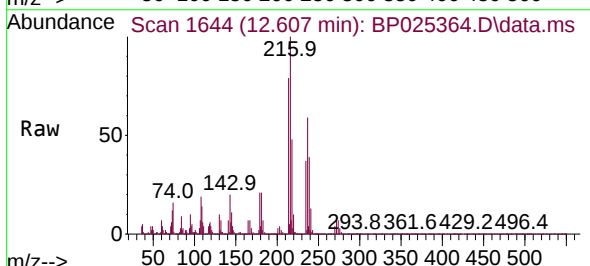
Ion Ratio Lower Upper

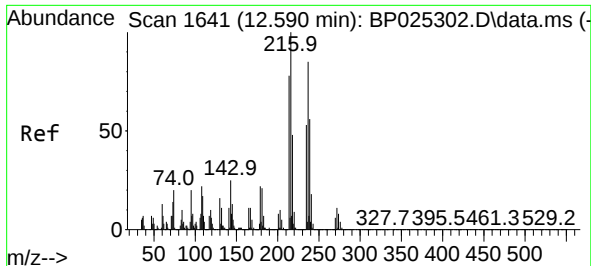
216 100

214 78.5 62.4 93.6

179 21.2 17.5 26.3

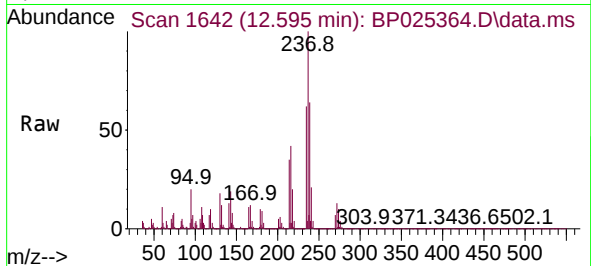
108 21.4 16.5 24.7





#41
Hexachlorocyclopentadiene
Concen: 109.556 ng
RT: 12.595 min Scan# 10
Delta R.T. 0.005 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

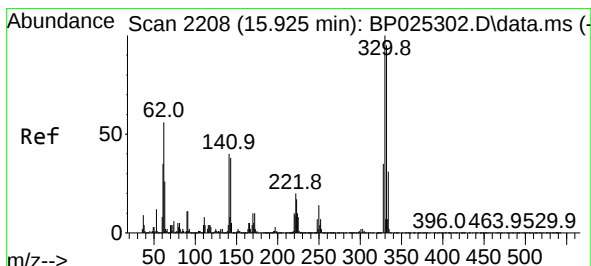
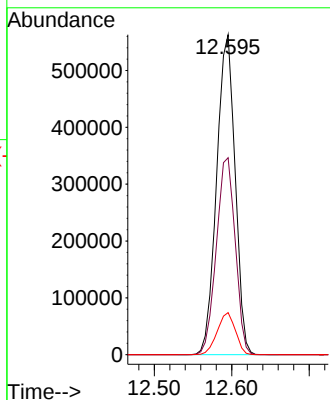
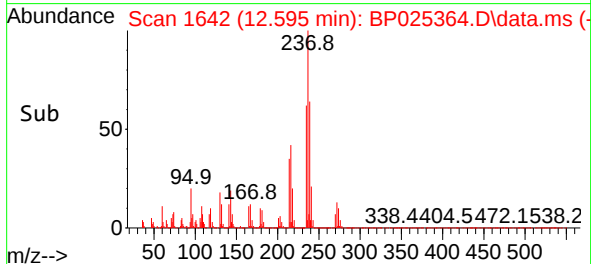
Instrument :
BNA_P
ClientSampleId :
PB169180BS



Tgt Ion: 237 Resp: 933594
Ion Ratio Lower Upper
237 100
235 61.6 42.2 82.2
272 13.2 0.0 32.8

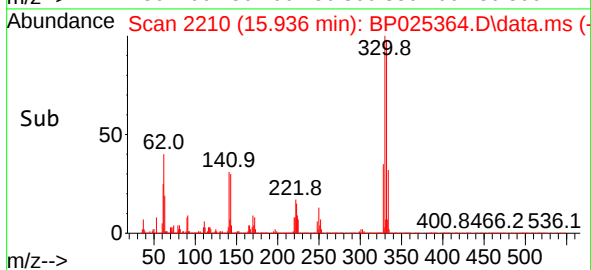
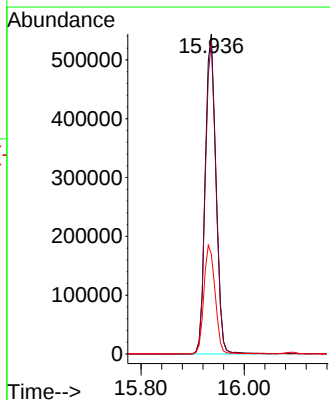
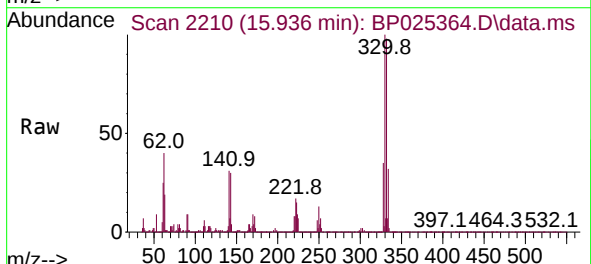
Manual Integrations
APPROVED

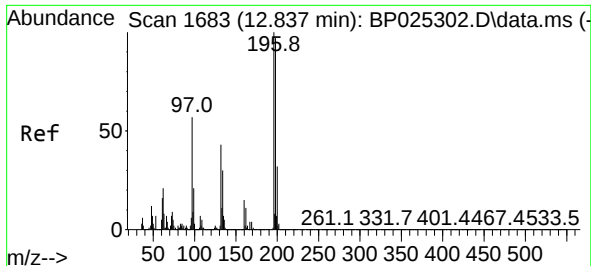
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#42
2,4,6-Tribromophenol
Concen: 156.336 ng
RT: 15.936 min Scan# 2210
Delta R.T. 0.011 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

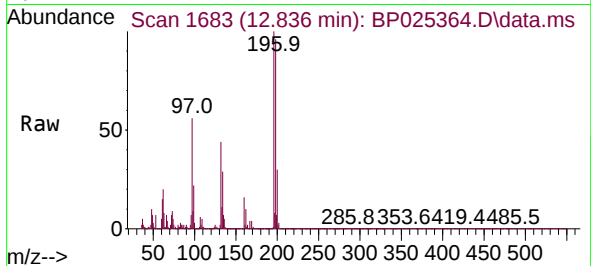
Tgt Ion: 330 Resp: 788751
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.0
141 35.1 31.7 47.5





#43
2,4,6-Trichlorophenol
Concen: 54.098 ng
RT: 12.836 min Scan# 1683
Delta R.T. -0.001 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

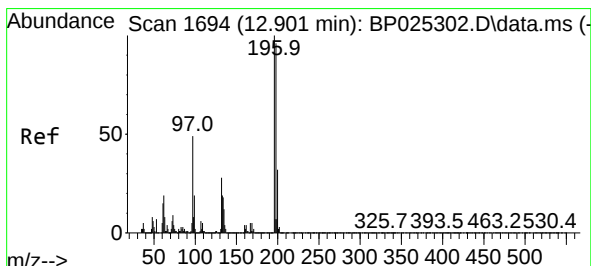
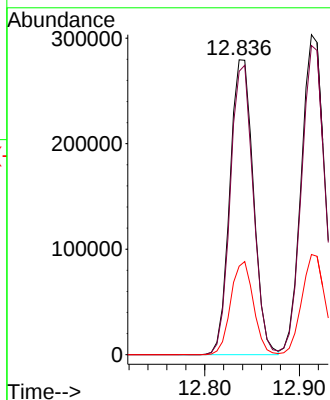
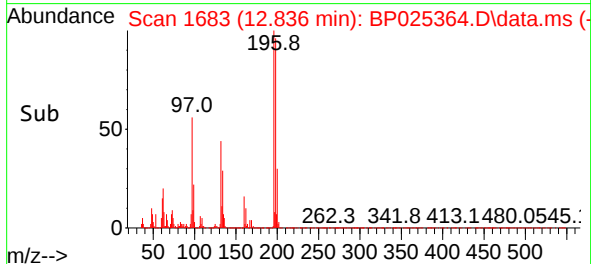
Instrument :
BNA_P
ClientSampleId :
PB169180BS



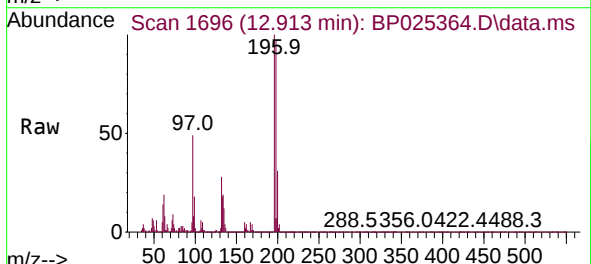
Tgt Ion:196 Resp: 48251
Ion Ratio Lower Upper
196 100
198 96.1 77.3 115.9
200 30.0 25.4 38.2

Manual Integrations
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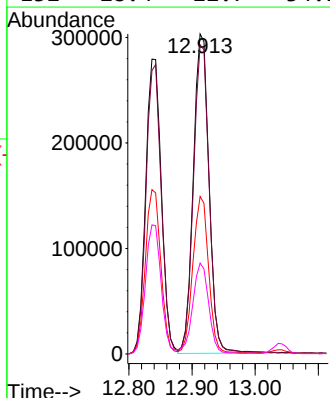
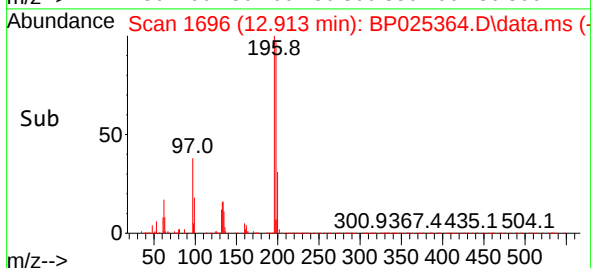
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

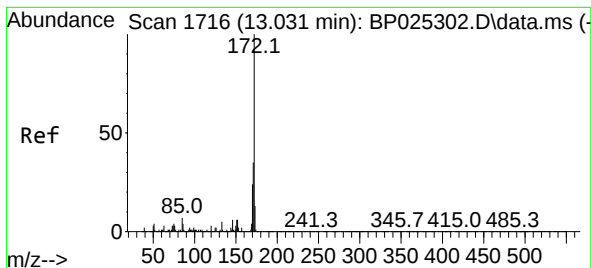


#44
2,4,5-Trichlorophenol
Concen: 52.521 ng
RT: 12.913 min Scan# 1696
Delta R.T. 0.012 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54



Tgt Ion:196 Resp: 525502
Ion Ratio Lower Upper
196 100
198 96.6 76.6 114.8
97 49.2 39.5 59.3
132 28.4 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 85.456 ng

RT: 13.042 min Scan# 1716

Delta R.T. 0.011 min

Lab File: BP025364.D

Acq: 12 Aug 2025 12:54

Instrument :

BNA_P

ClientSampleId :

PB169180BS

Tgt Ion:172 Resp: 312896

Ion Ratio Lower Upper

172 100

171 34.3 27.9 41.9

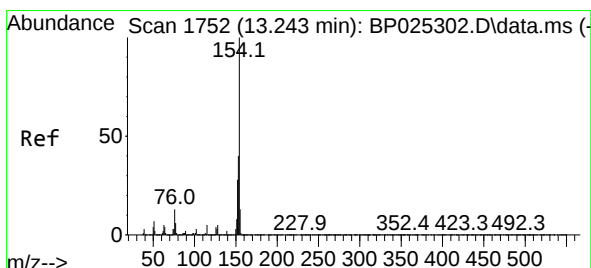
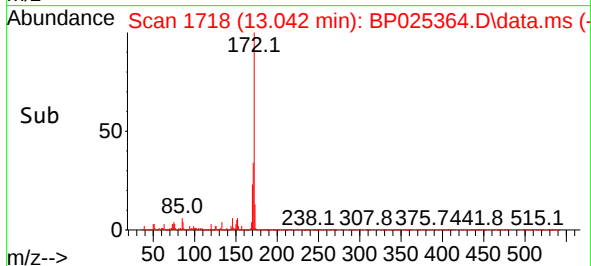
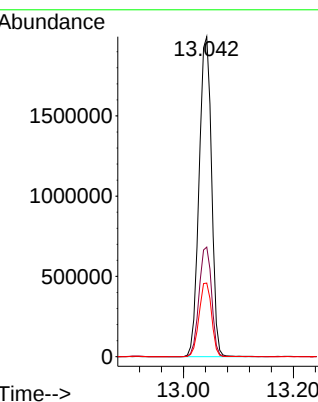
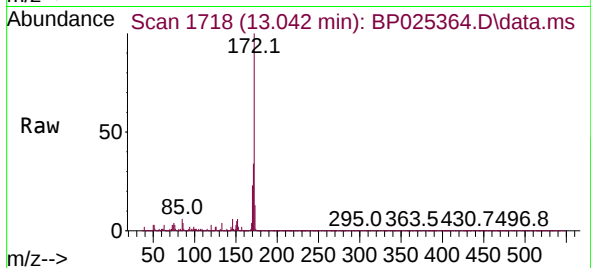
170 23.0 18.9 28.3

Manual Integrations

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Reviewed By :Rahul Chavli 08/13/2025

Supervised By :Jagrut Upadhyay 08/13/2025



#46

1,1'-Biphenyl

Concen: 48.542 ng

RT: 13.254 min Scan# 1754

Delta R.T. 0.011 min

Lab File: BP025364.D

Acq: 12 Aug 2025 12:54

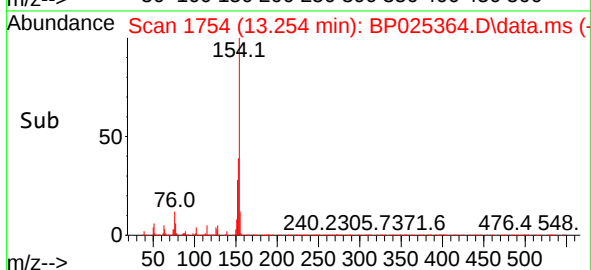
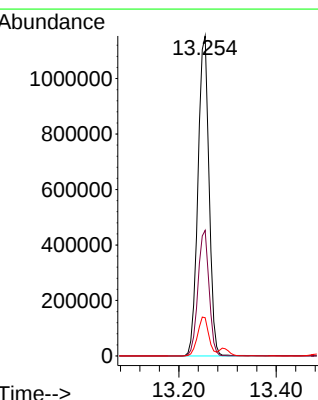
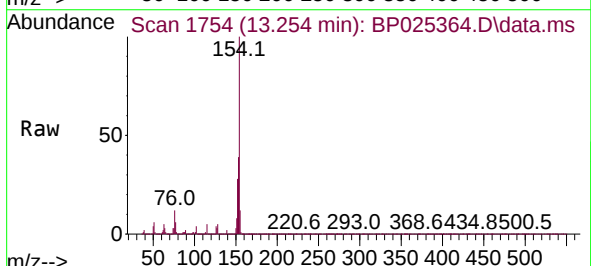
Tgt Ion:154 Resp: 1809157

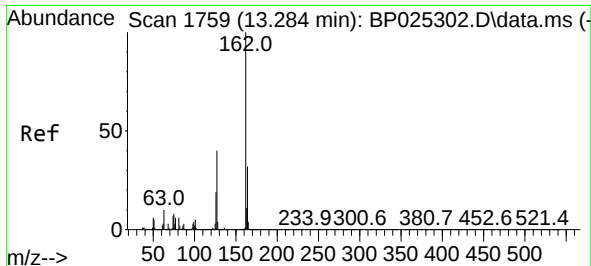
Ion Ratio Lower Upper

154 100

153 39.3 19.9 59.9

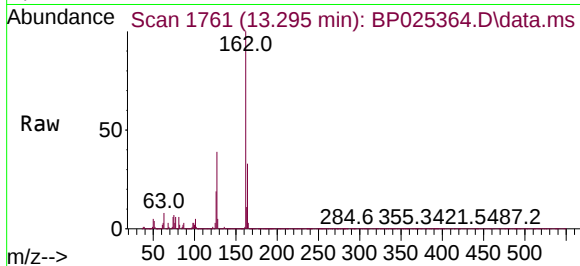
76 11.9 0.0 33.2





#47
2-Chloronaphthalene
Concen: 48.633 ng
RT: 13.295 min Scan# 1761
Delta R.T. 0.011 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

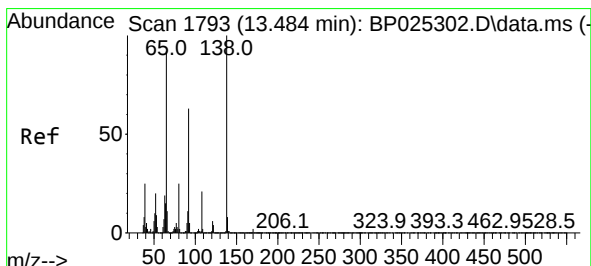
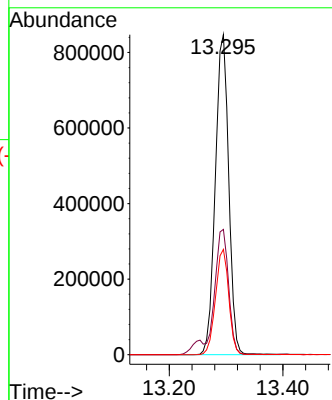
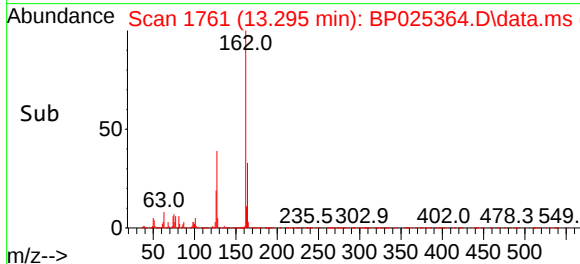
Instrument :
BNA_P
ClientSampleId :
PB169180BS



Tgt Ion:162 Resp: 138284
Ion Ratio Lower Upper
162 100
127 39.2 32.2 48.2
164 32.9 25.9 38.9

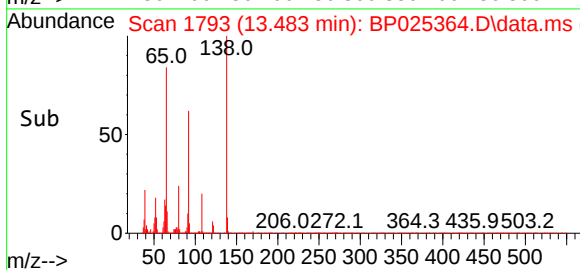
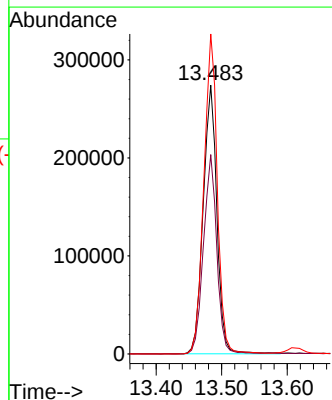
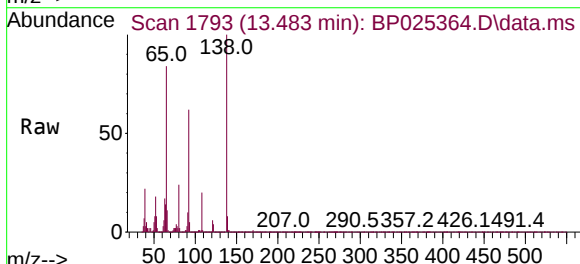
Manual Integrations
APPROVED

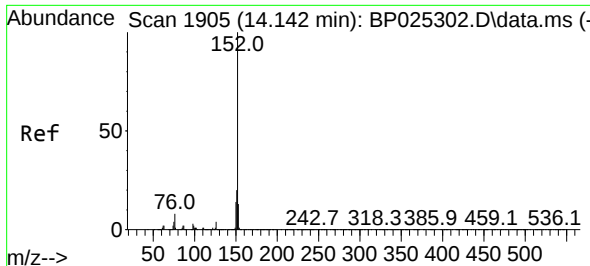
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#48
2-Nitroaniline
Concen: 47.982 ng
RT: 13.483 min Scan# 1793
Delta R.T. -0.001 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

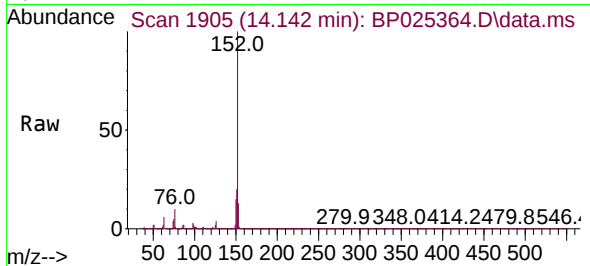
Tgt Ion: 65 Resp: 399641
Ion Ratio Lower Upper
65 100
92 74.1 54.4 81.6
138 119.0 87.0 130.4





#49
Acenaphthylene
Concen: 47.430 ng
RT: 14.142 min Scan# 1905
Delta R.T. 0.000 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

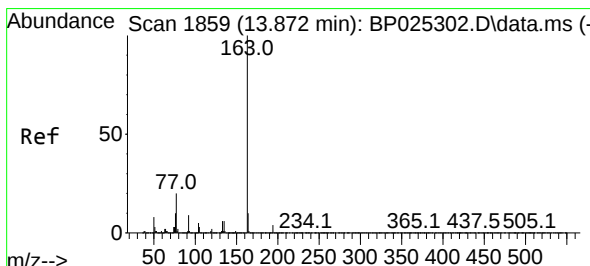
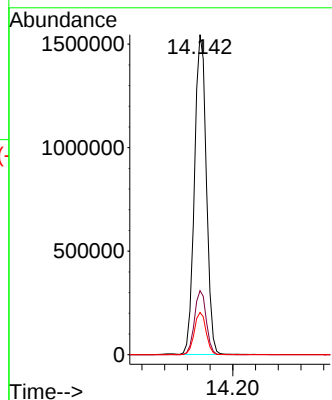
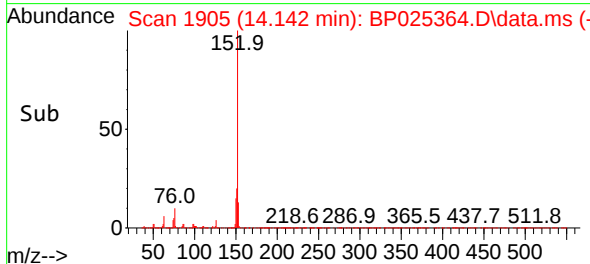
Instrument :
BNA_P
ClientSampleId :
PB169180BS



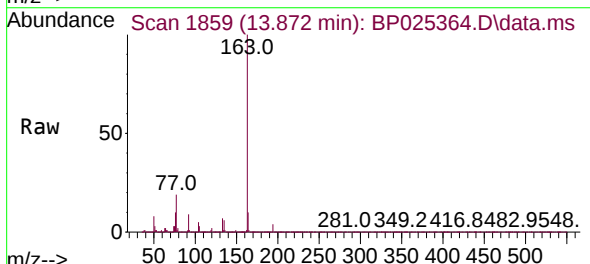
Tgt Ion:152 Resp: 2249554
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.6
153 13.2 10.4 15.6

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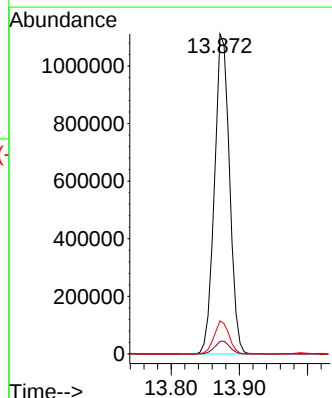
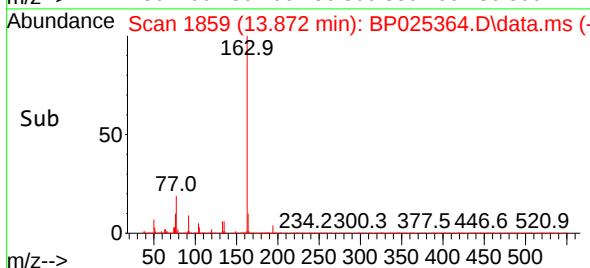
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

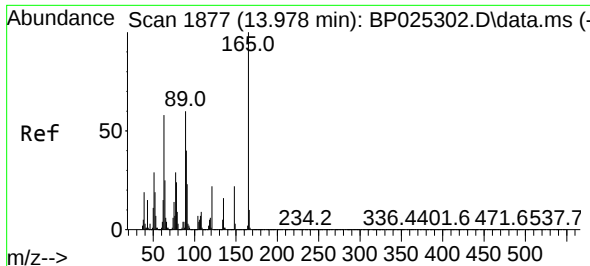


#50
Dimethylphthalate
Concen: 46.254 ng
RT: 13.872 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54



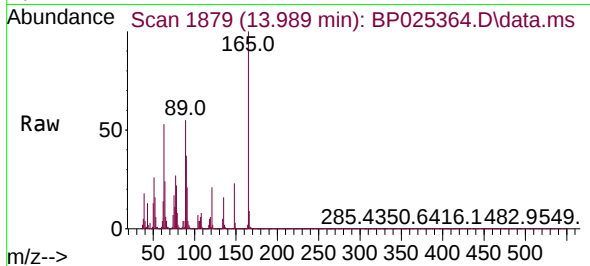
Tgt Ion:163 Resp: 1705266
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.4 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 54.648 ng
RT: 13.989 min Scan# 1879
Delta R.T. 0.011 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

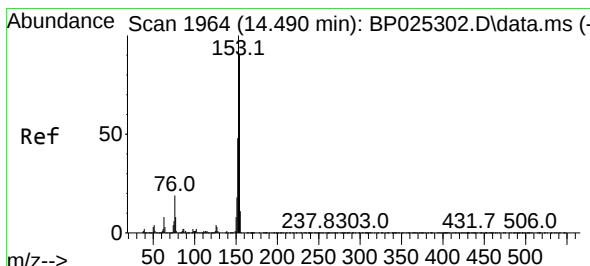
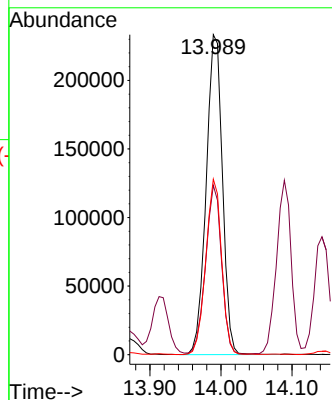
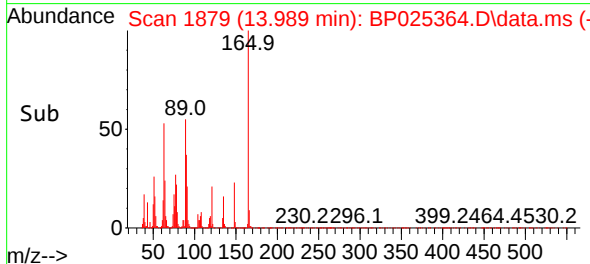
Instrument :
BNA_P
ClientSampleId :
PB169180BS



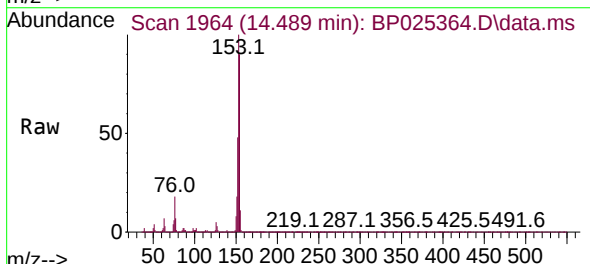
Tgt Ion:165 Resp: 371618
Ion Ratio Lower Upper
165 100
63 52.9 47.6 71.4
89 54.9 47.8 71.8

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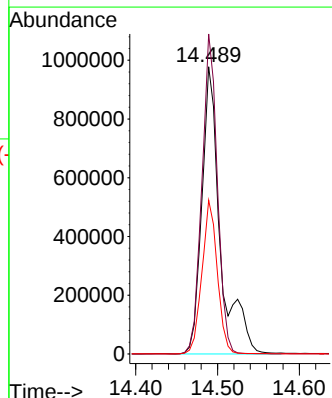
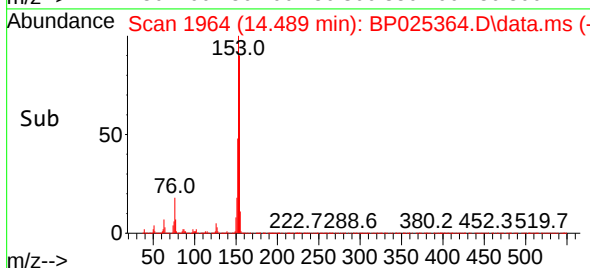
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

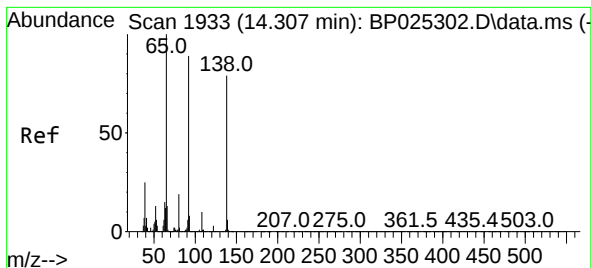


#52
Acenaphthene
Concen: 53.469 ng m
RT: 14.489 min Scan# 1964
Delta R.T. -0.001 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54



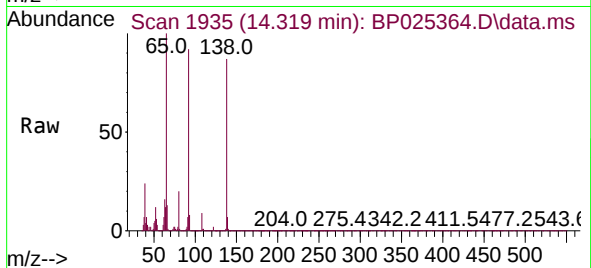
Tgt Ion:154 Resp: 1546862
Ion Ratio Lower Upper
154 100
153 111.4 89.4 134.0
152 53.5 43.0 64.6





#53
3-Nitroaniline
Concen: 41.725 ng
RT: 14.319 min Scan# 1933
Delta R.T. 0.012 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

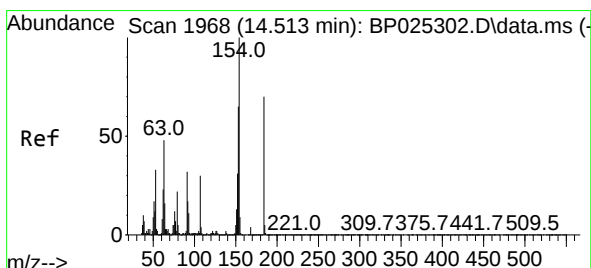
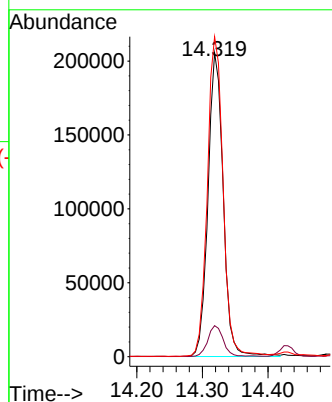
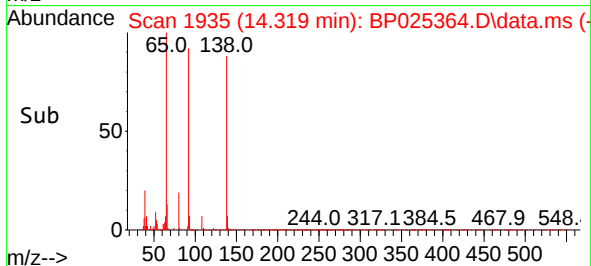
Instrument :
BNA_P
ClientSampleId :
PB169180BS



Tgt Ion:138 Resp: 332018
Ion Ratio Lower Upper
138 100
108 10.2 10.5 15.7
92 105.3 90.9 136.3

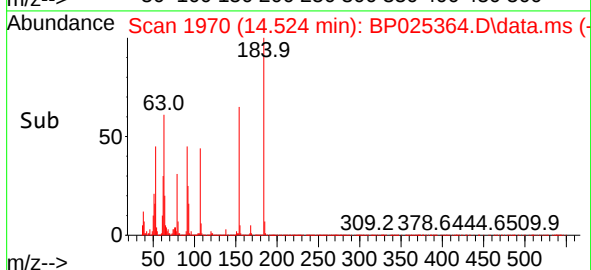
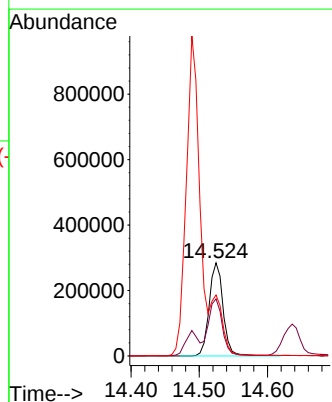
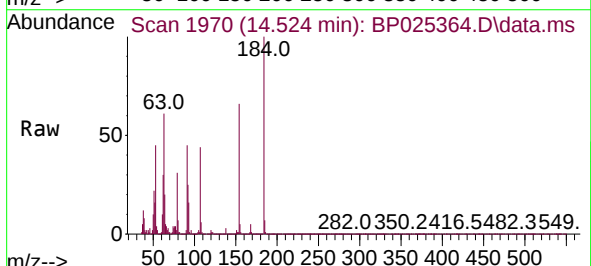
Manual Integrations
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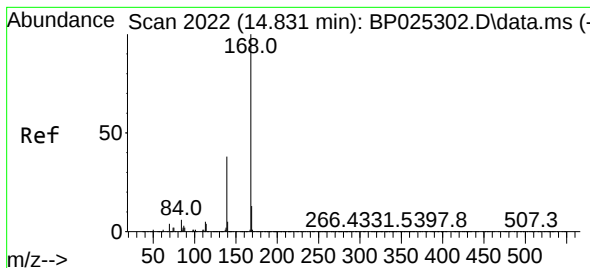
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#54
2,4-Dinitrophenol
Concen: 95.583 ng
RT: 14.524 min Scan# 1970
Delta R.T. 0.011 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

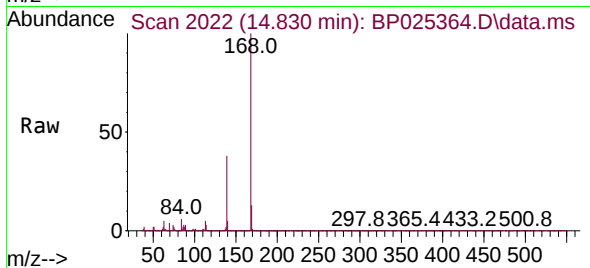
Tgt Ion:184 Resp: 406086
Ion Ratio Lower Upper
184 100
63 61.4 56.3 84.5
154 65.5 124.5 186.7





#55
Dibenzenofuran
Concen: 46.655 ng
RT: 14.830 min Scan# 2017038
Delta R.T. -0.001 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

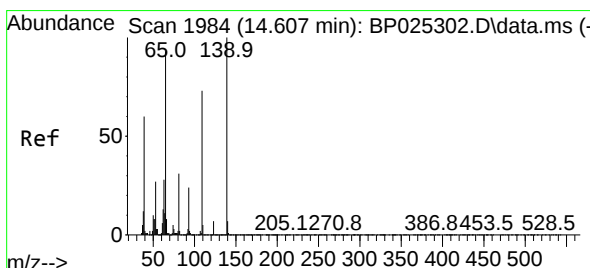
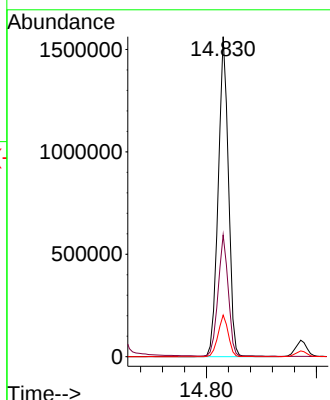
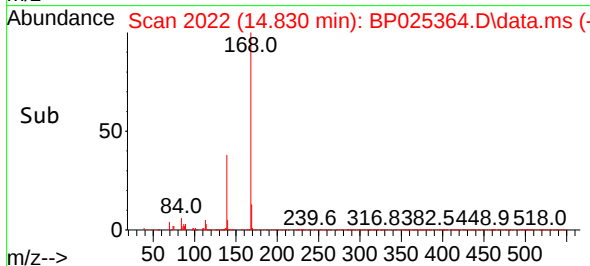
Instrument :
BNA_P
ClientSampleId :
PB169180BS



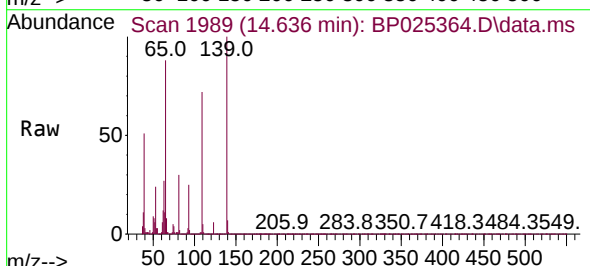
Tgt Ion:168 Resp: 2017038
Ion Ratio Lower Upper
168 100
139 38.0 30.5 45.7
169 13.0 10.6 15.8

Manual Integrations
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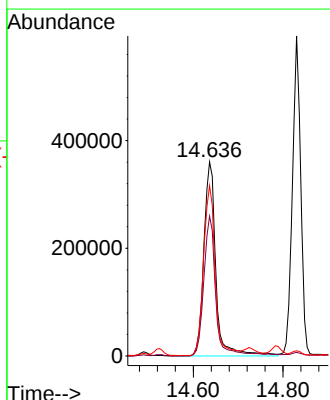
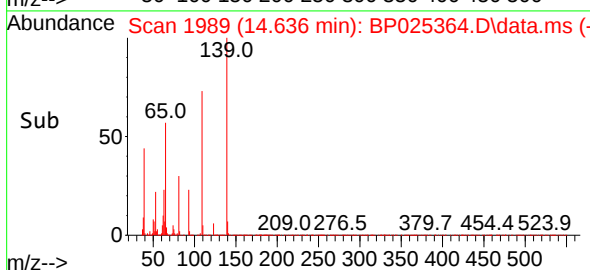
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

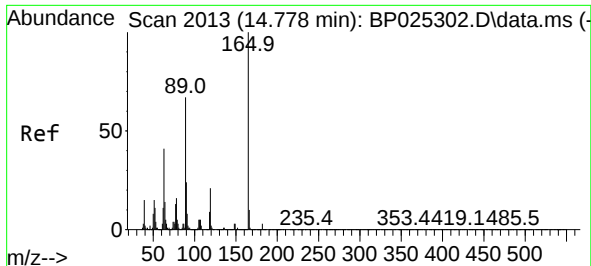


#56
4-Nitrophenol
Concen: 95.675 ng
RT: 14.636 min Scan# 1989
Delta R.T. 0.029 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54



Tgt Ion:139 Resp: 671899
Ion Ratio Lower Upper
139 100
109 72.0 52.7 92.7
65 87.7 73.4 113.4





#57
2,4-Dinitrotoluene
Concen: 48.787 ng
RT: 14.783 min Scan# 2014
Delta R.T. 0.005 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

Instrument :

BNA_P

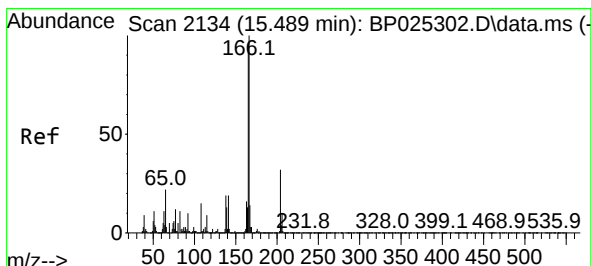
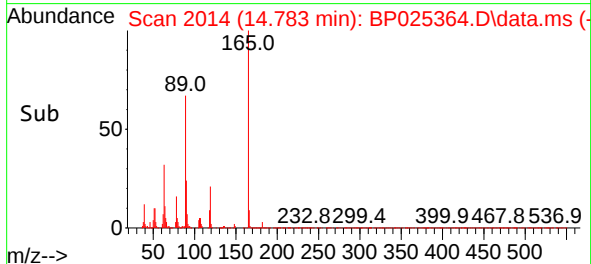
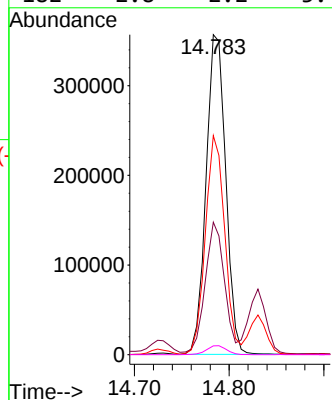
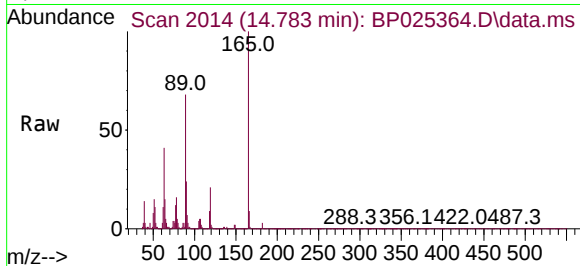
ClientSampleId :

PB169180BS

Tgt Ion:165 Resp: 51489
Ion Ratio Lower Upper
165 100
63 41.4 33.2 49.8
89 68.4 53.5 80.3
182 2.8 2.2 3.4

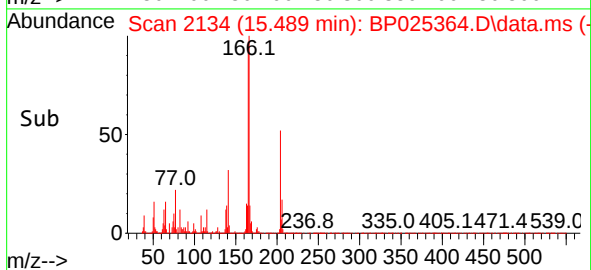
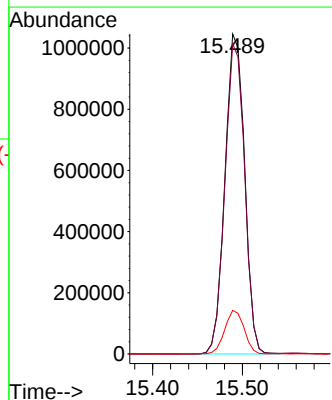
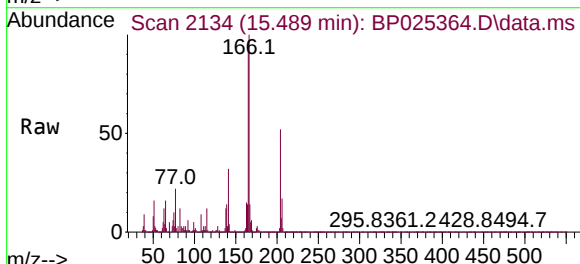
Manual Integrations
APPROVED

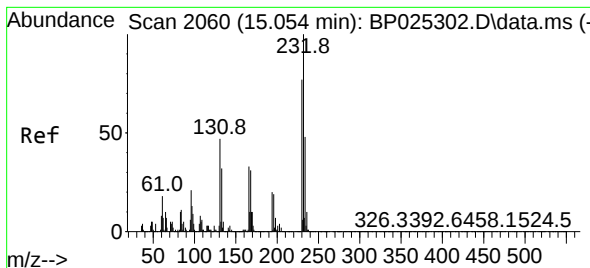
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#58
Fluorene
Concen: 46.857 ng
RT: 15.489 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

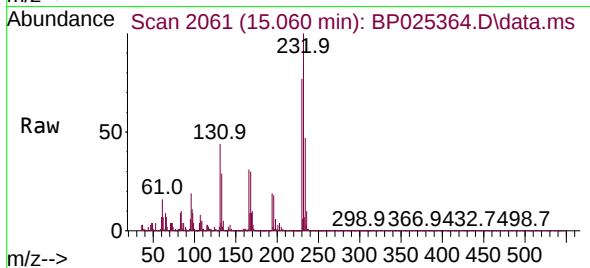
Tgt Ion:166 Resp: 1591049
Ion Ratio Lower Upper
166 100
165 96.9 76.7 115.1
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.182 ng
RT: 15.060 min Scan# 2061
Delta R.T. 0.006 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

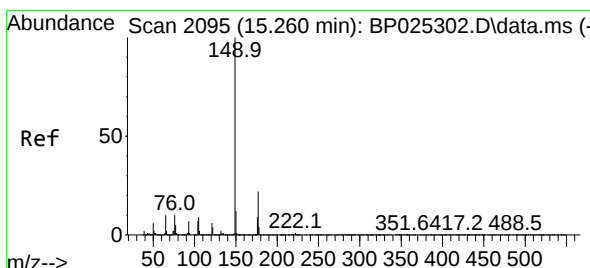
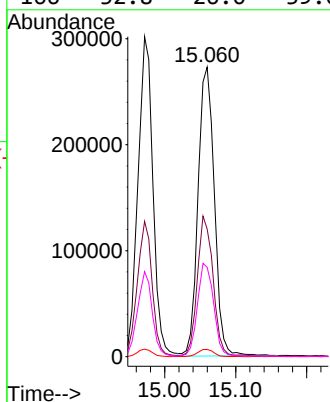
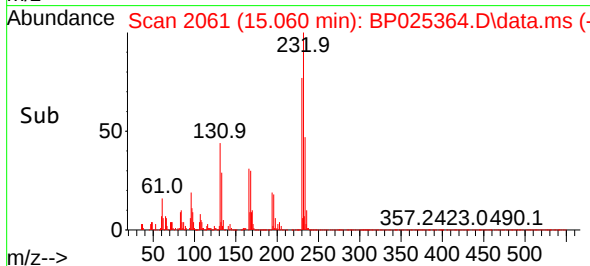
Instrument :
BNA_P
ClientSampleId :
PB169180BS



Tgt Ion:232 Resp: 436130
Ion Ratio Lower Upper
232 100
131 46.8 39.3 58.9
130 2.6 2.2 3.2
166 32.8 26.0 39.0

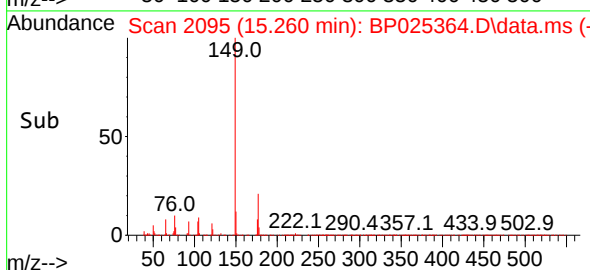
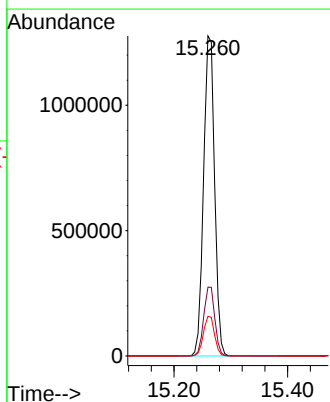
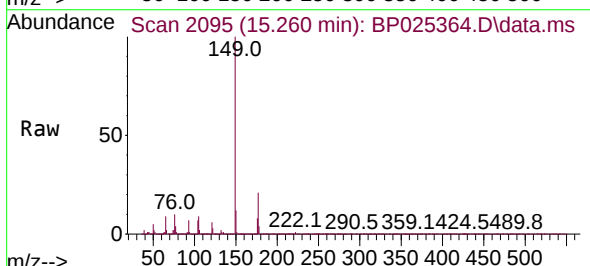
Manual Integrations
APPROVED

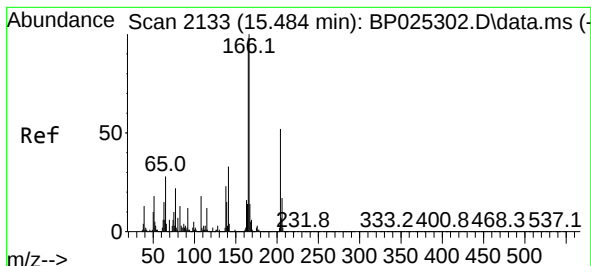
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#60
Diethylphthalate
Concen: 46.053 ng
RT: 15.260 min Scan# 2095
Delta R.T. -0.000 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

Tgt Ion:149 Resp: 1711712
Ion Ratio Lower Upper
149 100
177 21.5 17.4 26.2
150 12.4 9.8 14.8





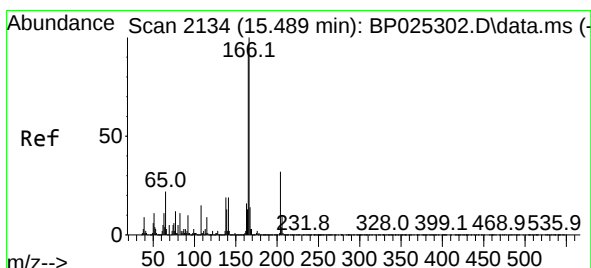
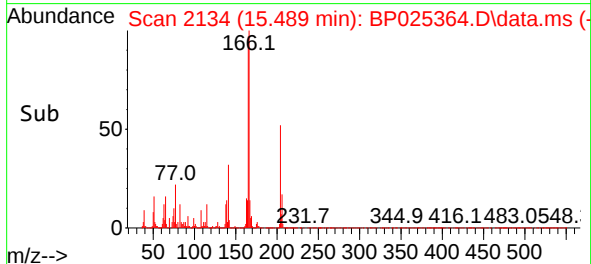
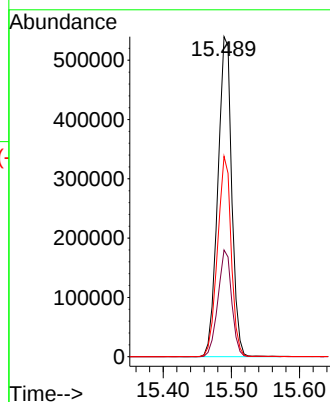
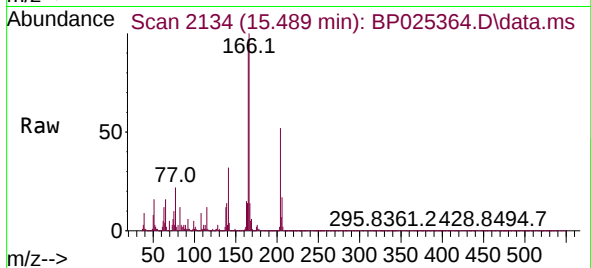
#61
4-Chlorophenyl-phenylether
Concen: 47.566 ng
RT: 15.489 min Scan# 2133
Delta R.T. 0.005 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

Instrument :
BNA_P
ClientSampleId :
PB169180BS

Tgt Ion:204 Resp: 765690
Ion Ratio Lower Upper
204 100
206 33.3 27.0 40.4
141 62.6 50.3 75.5

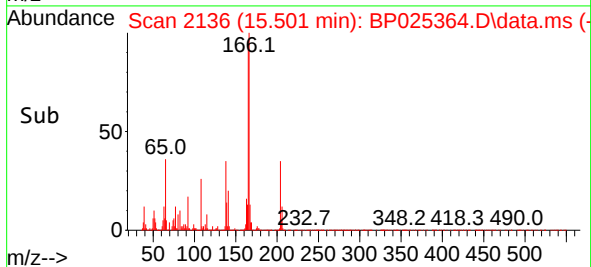
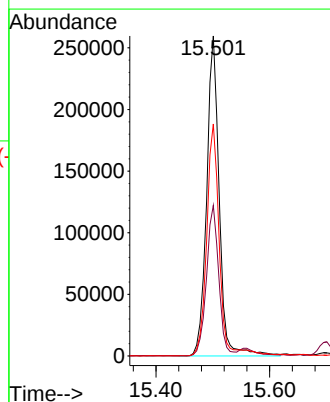
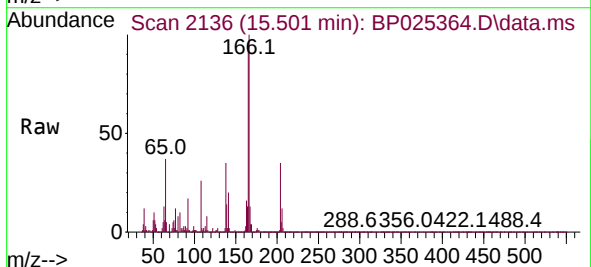
Manual Integrations
APPROVED

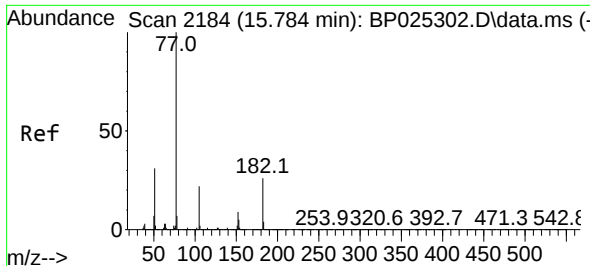
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#62
4-Nitroaniline
Concen: 50.407 ng
RT: 15.501 min Scan# 2136
Delta R.T. 0.012 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

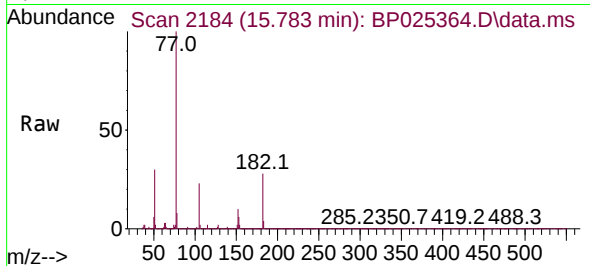
Tgt Ion:138 Resp: 397431
Ion Ratio Lower Upper
138 100
92 47.0 29.8 69.8
108 72.5 56.6 96.6





#63
Azobenzene
Concen: 44.998 ng
RT: 15.783 min Scan# 2184
Delta R.T. -0.001 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

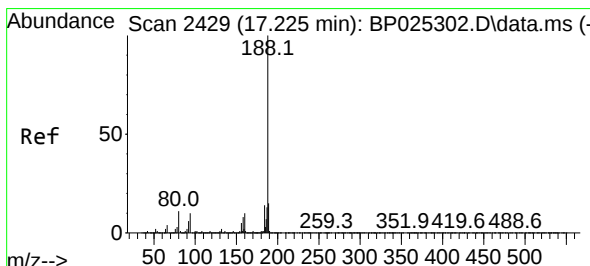
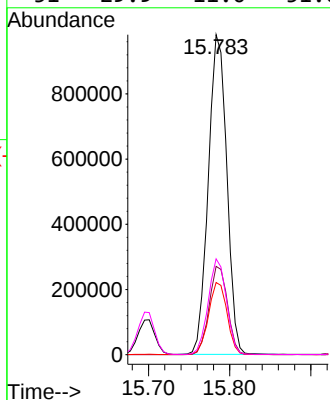
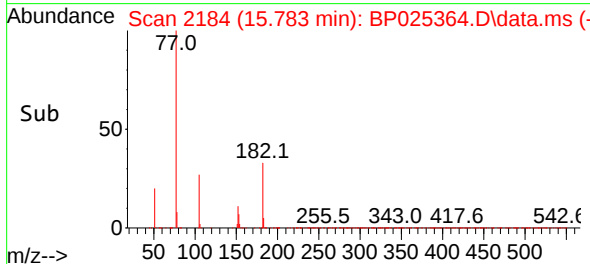
Instrument :
BNA_P
ClientSampleId :
PB169180BS



Tgt Ion: 77 Resp: 155373
Ion Ratio Lower Upper
77 100
182 27.6 6.0 46.0
105 22.6 2.1 42.1
51 29.9 11.0 51.0

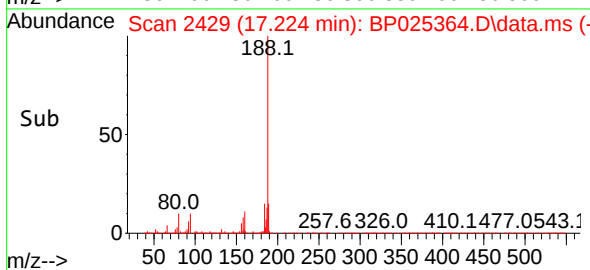
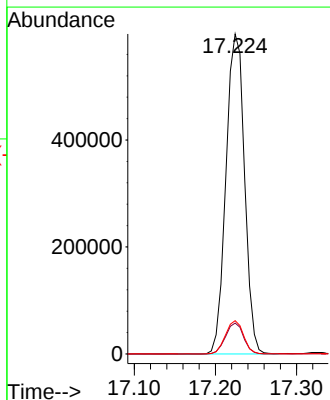
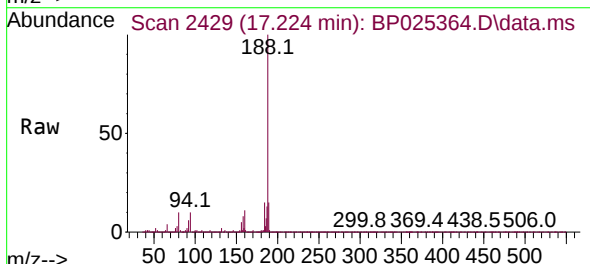
Manual Integrations
APPROVED

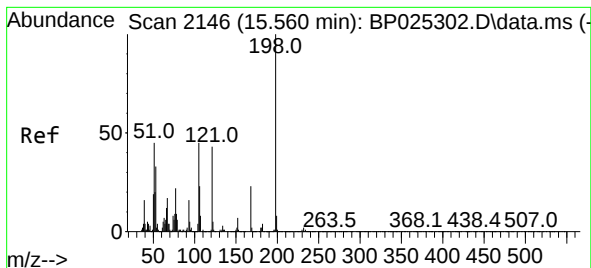
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.224 min Scan# 2429
Delta R.T. -0.001 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

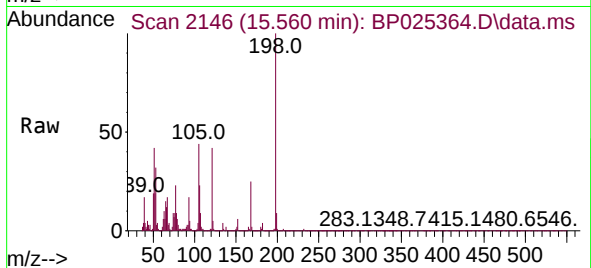
Tgt Ion:188 Resp: 949767
Ion Ratio Lower Upper
188 100
94 9.6 8.0 12.0
80 10.4 8.5 12.7





#65
4,6-Dinitro-2-methylphenol
Concen: 60.852 ng
RT: 15.560 min Scan# 2146
Delta R.T. -0.000 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

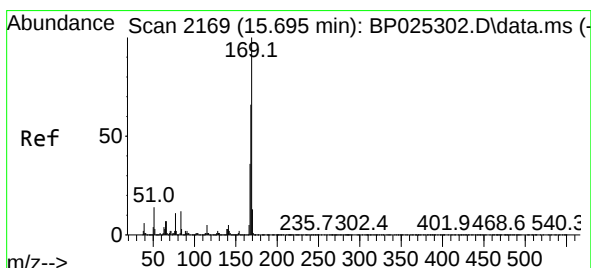
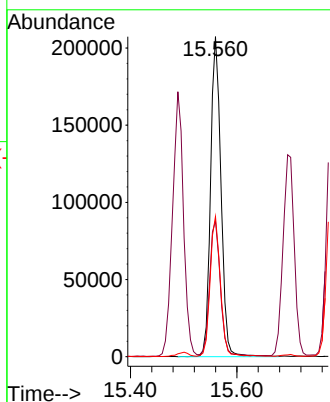
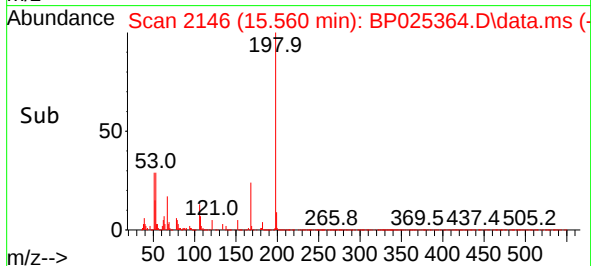
Instrument :
BNA_P
ClientSampleId :
PB169180BS



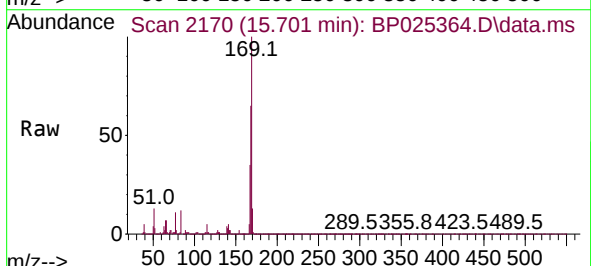
Tgt Ion:198 Resp: 281469
Ion Ratio Lower Upper
198 100
51 42.4 26.7 66.7
105 43.8 25.6 65.6

Manual Integrations
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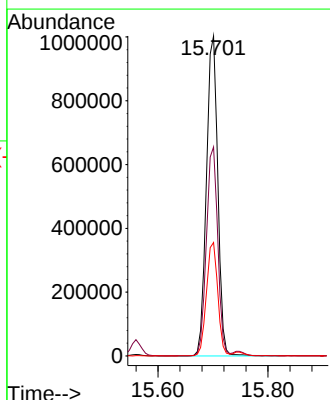
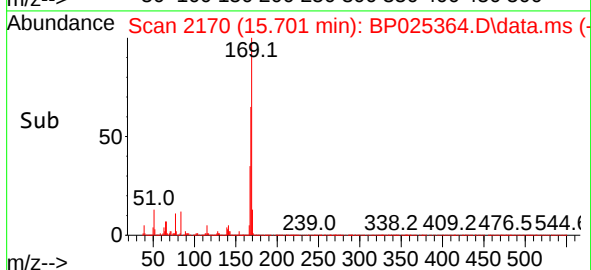
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

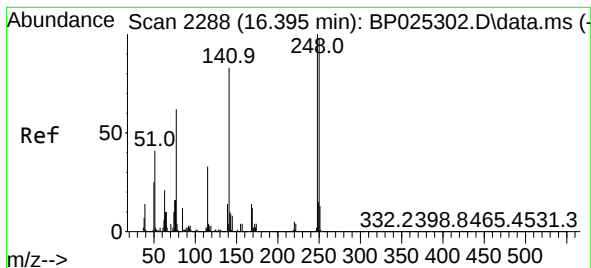


#66
n-Nitrosodiphenylamine
Concen: 49.692 ng
RT: 15.701 min Scan# 2170
Delta R.T. 0.006 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54



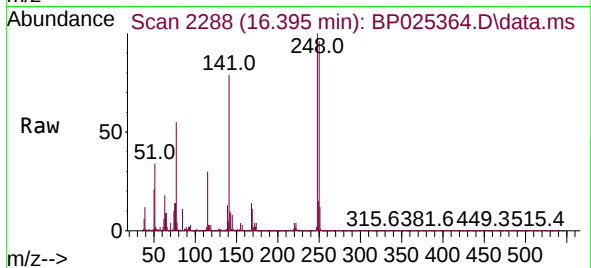
Tgt Ion:169 Resp: 1437032
Ion Ratio Lower Upper
169 100
168 65.3 52.8 79.2
167 35.4 28.5 42.7





#67
4-Bromophenyl-phenylether
Concen: 50.620 ng
RT: 16.395 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

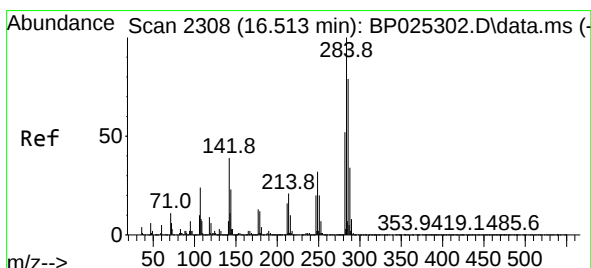
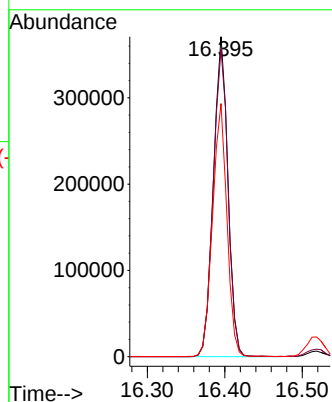
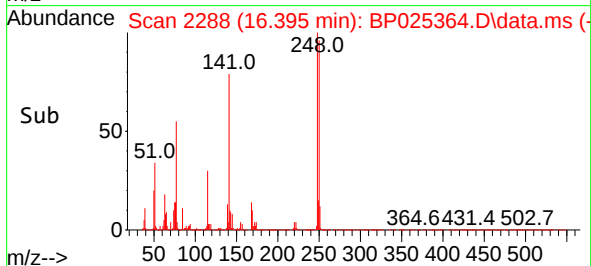
Instrument :
BNA_P
ClientSampleId :
PB169180BS



Tgt Ion:248 Resp: 48374
Ion Ratio Lower Upper
248 100
250 96.1 78.6 117.8
141 79.1 66.6 99.8

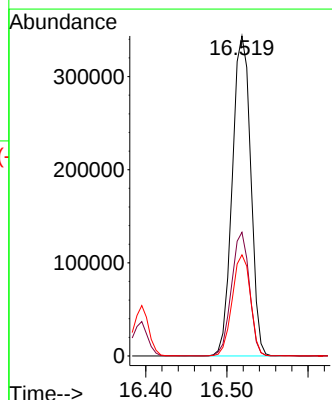
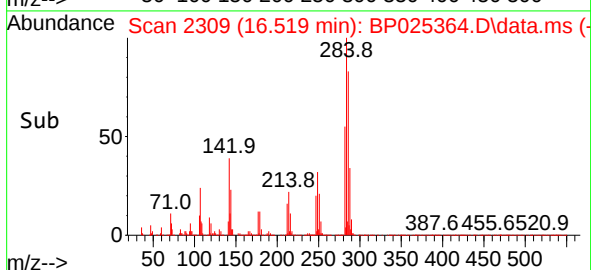
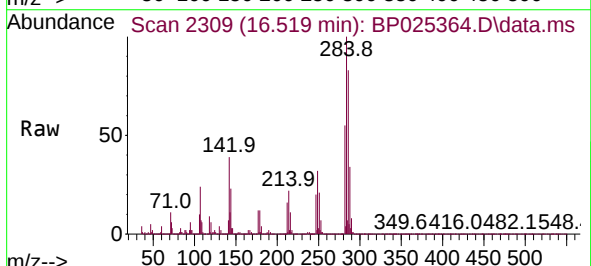
Manual Integrations
APPROVED

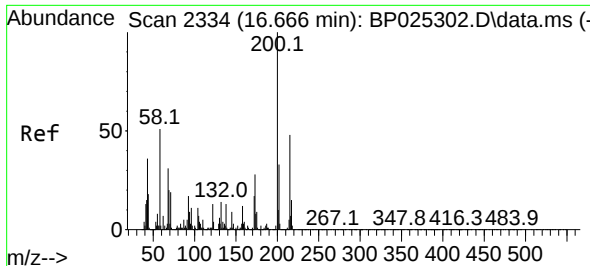
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#68
Hexachlorobenzene
Concen: 50.378 ng
RT: 16.519 min Scan# 2309
Delta R.T. 0.005 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

Tgt Ion:284 Resp: 540187
Ion Ratio Lower Upper
284 100
142 38.6 30.8 46.2
249 31.6 25.4 38.0





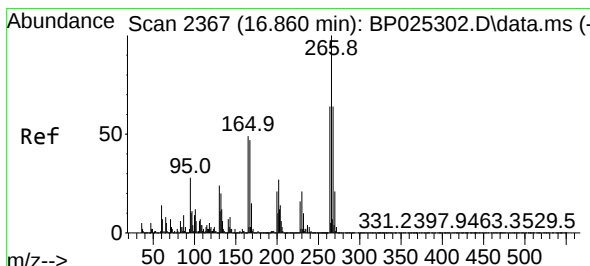
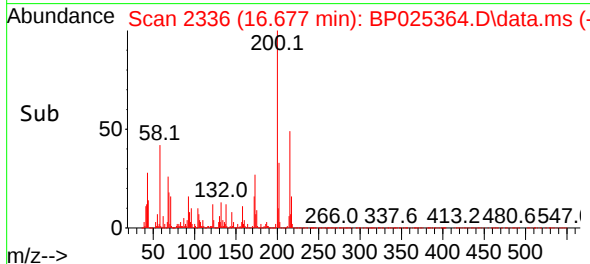
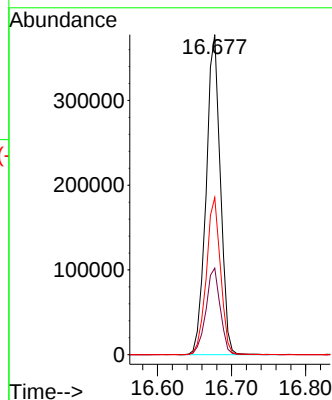
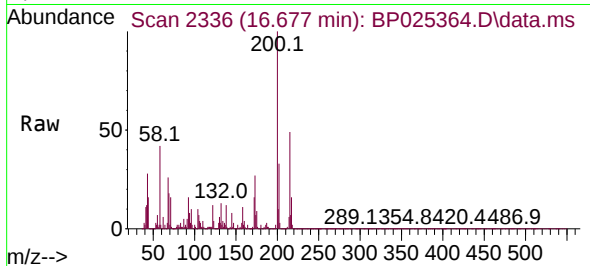
#69
Atrazine
Concen: 49.491 ng
RT: 16.677 min Scan# 21
Delta R.T. 0.011 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

Instrument :
BNA_P
ClientSampleId :
PB169180BS

Tgt Ion:200 Resp: 50331
Ion Ratio Lower Upper
200 100
173 27.0 8.2 48.2
215 49.1 28.1 68.1

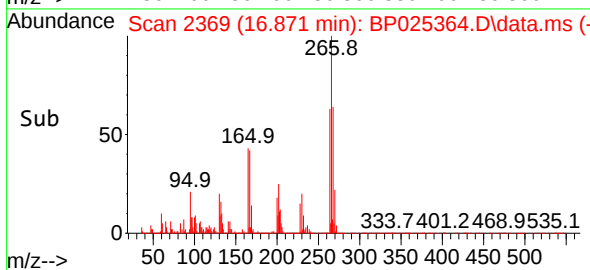
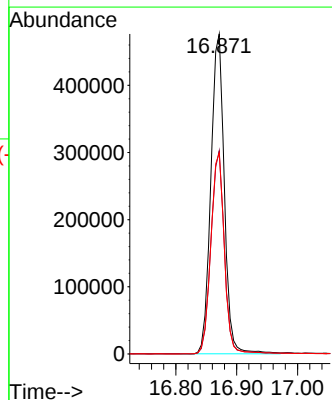
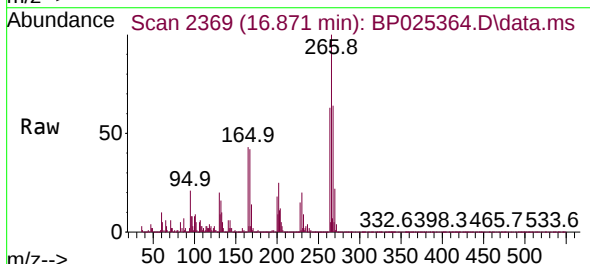
Manual Integrations
APPROVED

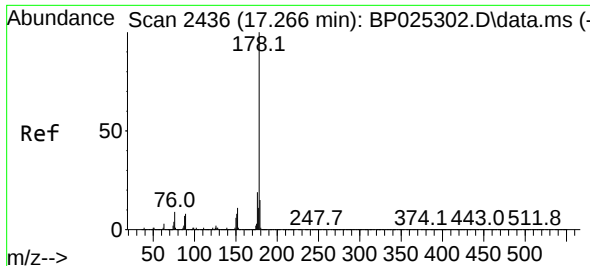
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#70
Pentachlorophenol
Concen: 107.057 ng
RT: 16.871 min Scan# 2369
Delta R.T. 0.011 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

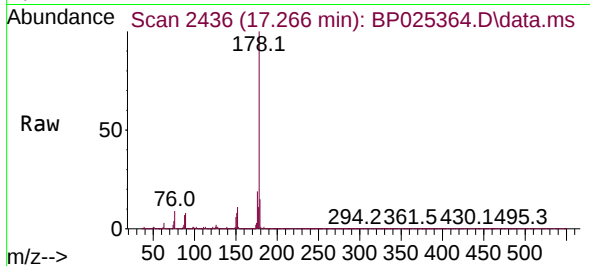
Tgt Ion:266 Resp: 731365
Ion Ratio Lower Upper
266 100
268 63.5 51.4 77.0
264 62.8 51.1 76.7





#71
Phenanthrene
Concen: 47.919 ng
RT: 17.266 min Scan# 2436
Delta R.T. -0.000 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

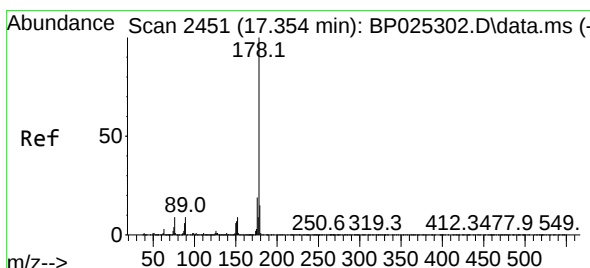
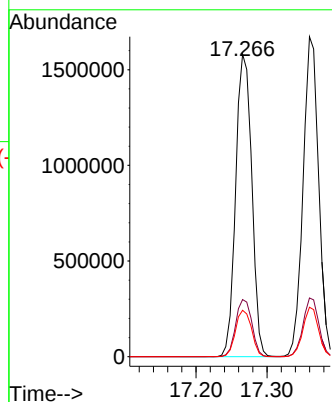
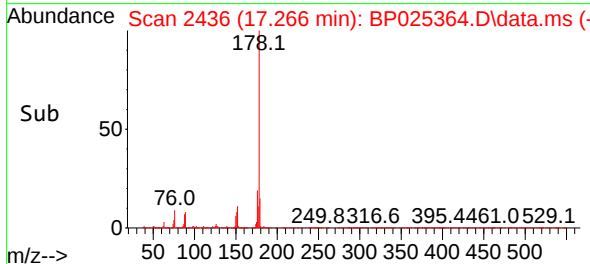
Instrument :
BNA_P
ClientSampleId :
PB169180BS



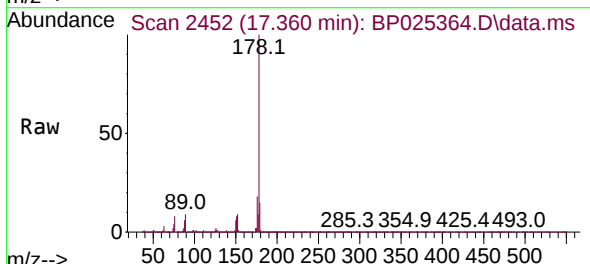
Tgt Ion:178 Resp: 249276
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.3 12.1 18.1

Manual Integrations
APPROVED

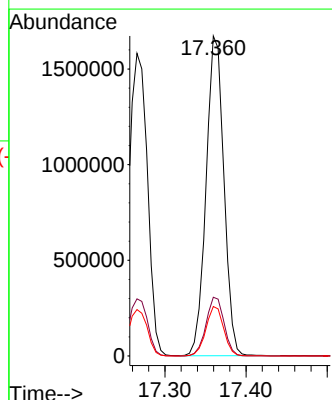
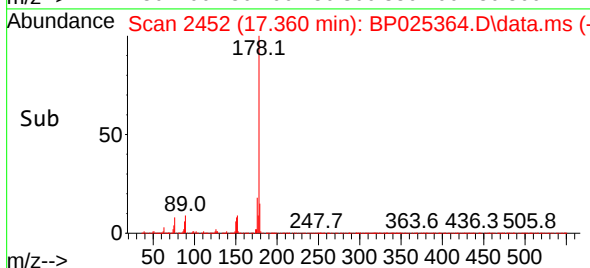
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

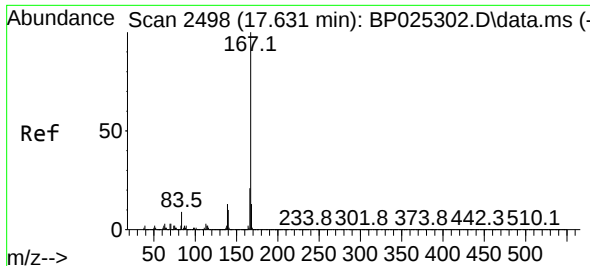


#72
Anthracene
Concen: 48.465 ng
RT: 17.360 min Scan# 2452
Delta R.T. 0.006 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54



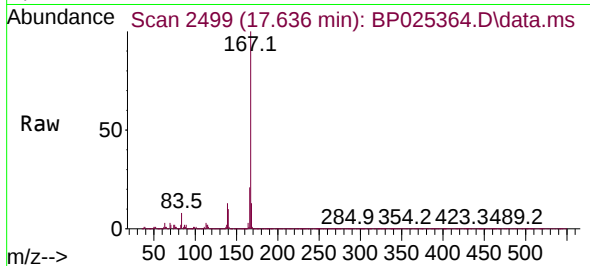
Tgt Ion:178 Resp: 2542052
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.5 12.3 18.5





#73
 Carbazole
 Concen: 47.429 ng
 RT: 17.636 min Scan# 2498
 Delta R.T. 0.005 min
 Lab File: BP025364.D
 Acq: 12 Aug 2025 12:54

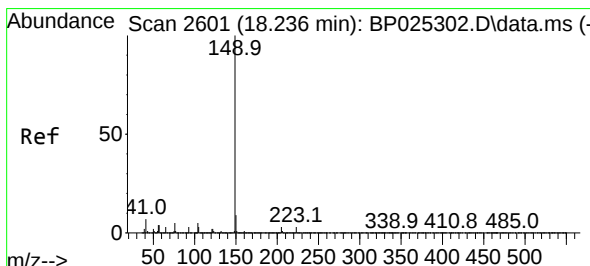
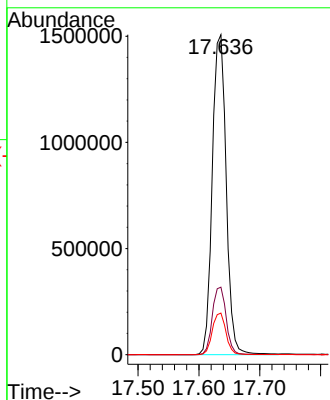
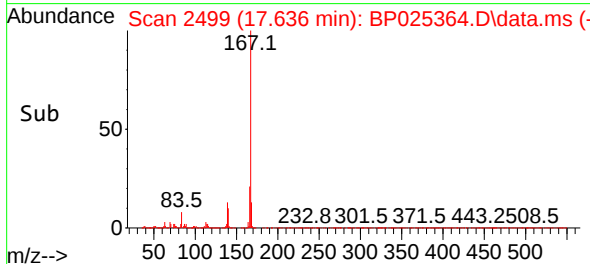
Instrument :
 BNA_P
 ClientSampleId :
 PB169180BS



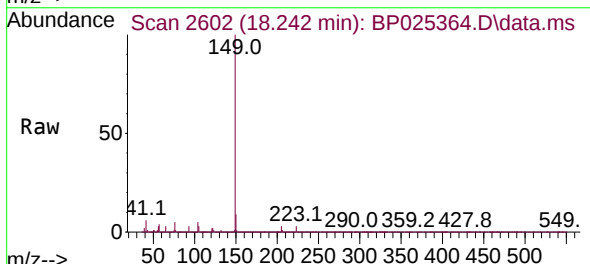
Tgt Ion:167 Resp: 238800
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.0 25.6
 139 13.0 10.6 16.0

Manual Integrations
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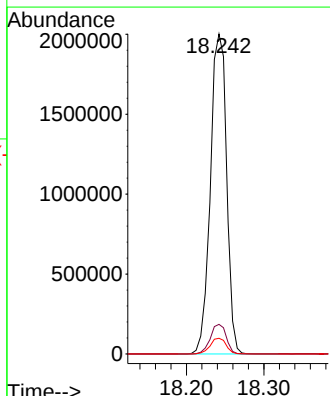
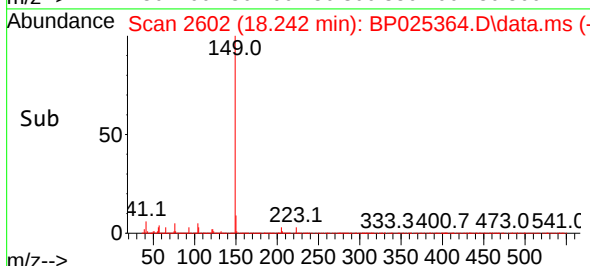
Reviewed By :Rahul Chavli 08/13/2025
 Supervised By :Jagrut Upadhyay 08/13/2025

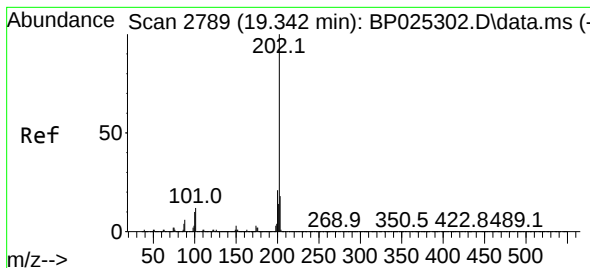


#74
 Di-n-butylphthalate
 Concen: 47.819 ng
 RT: 18.242 min Scan# 2602
 Delta R.T. 0.006 min
 Lab File: BP025364.D
 Acq: 12 Aug 2025 12:54



Tgt Ion:149 Resp: 2912732
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 4.9 4.1 6.1





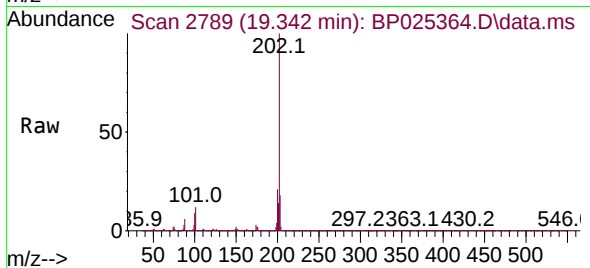
#75
Fluoranthene
Concen: 46.148 ng
RT: 19.342 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

Instrument :

BNA_P

ClientSampleId :

PB169180BS



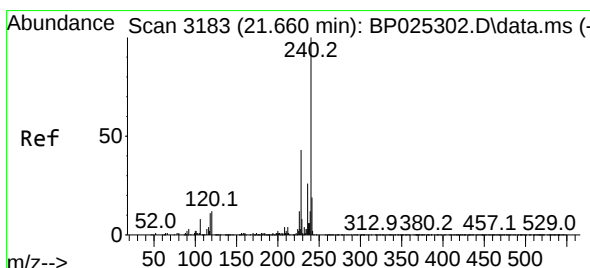
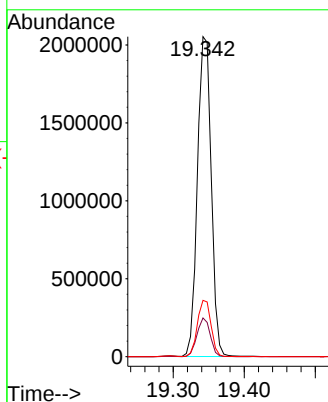
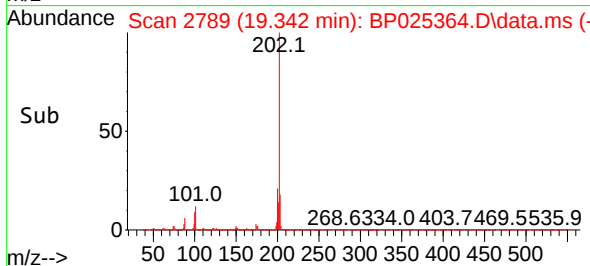
Tgt Ion:202 Resp: 277903
Ion Ratio Lower Upper
202 100
101 12.1 0.0 32.5
203 17.6 0.0 37.6

Manual Integrations

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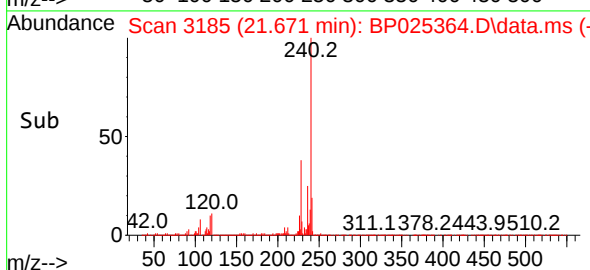
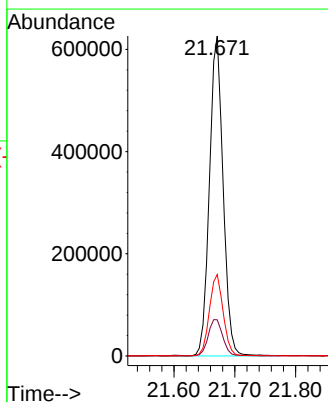
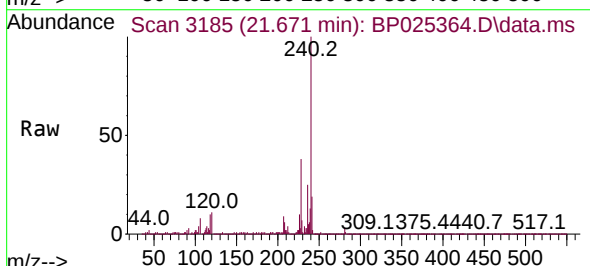
Reviewed By :Rahul Chavli 08/13/2025

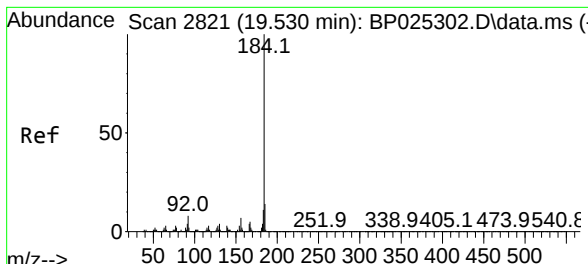
Supervised By :Jagrut Upadhyay 08/13/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.671 min Scan# 3185
Delta R.T. 0.011 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

Tgt Ion:240 Resp: 975809
Ion Ratio Lower Upper
240 100
120 11.3 9.6 14.4
236 25.5 20.4 30.6





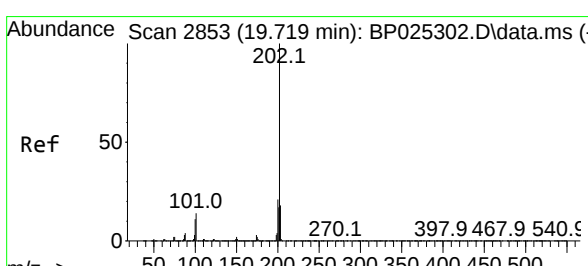
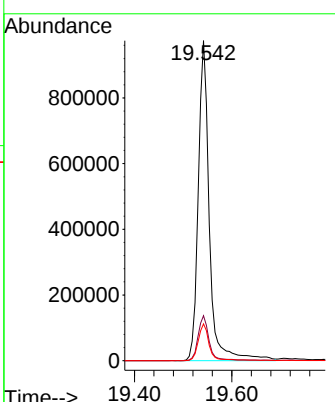
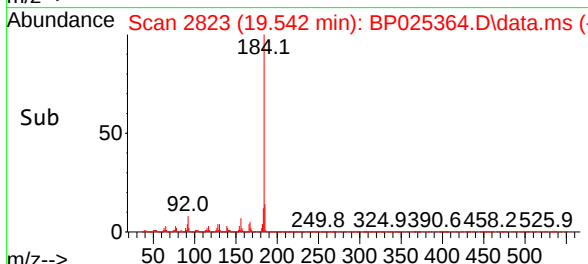
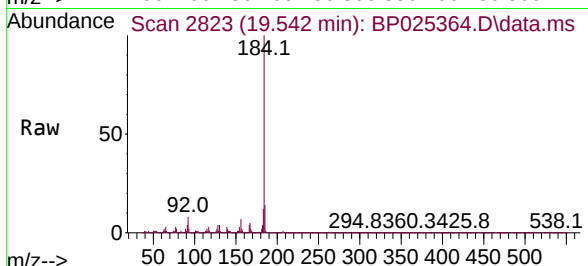
#77
Benzidine
Concen: 43.471 ng
RT: 19.542 min Scan# 2821
Delta R.T. 0.012 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

Instrument : BNA_P
ClientSampleId : PB169180BS

Tgt Ion:184 Resp: 153535

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.0	16.6
183	11.5	9.2	13.8

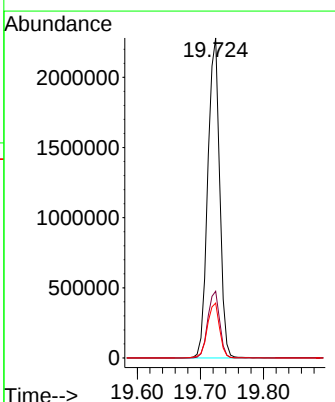
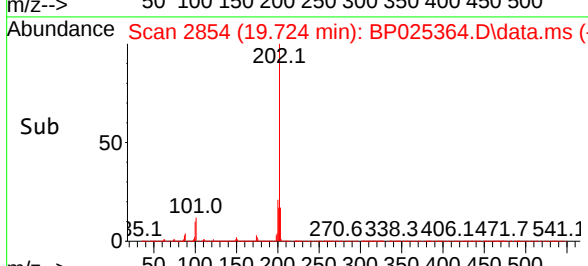
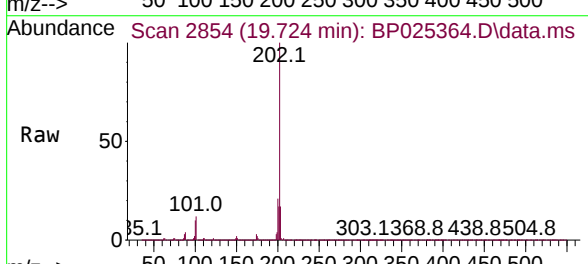
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Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

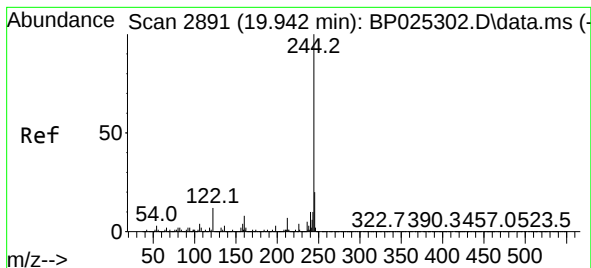


#78
Pyrene
Concen: 45.808 ng
RT: 19.724 min Scan# 2854
Delta R.T. 0.005 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

Tgt Ion:202 Resp: 2972439

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.2	14.1	21.1





#79

Terphenyl-d14

Concen: 80.434 ng

RT: 19.948 min Scan# 2891

Delta R.T. 0.006 min

Lab File: BP025364.D

Acq: 12 Aug 2025 12:54

Instrument :

BNA_P

ClientSampleId :

PB169180BS

Tgt Ion:244 Resp: 4155480

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

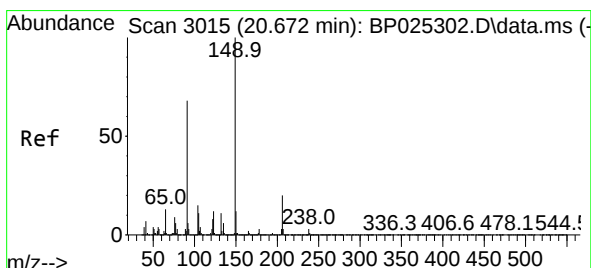
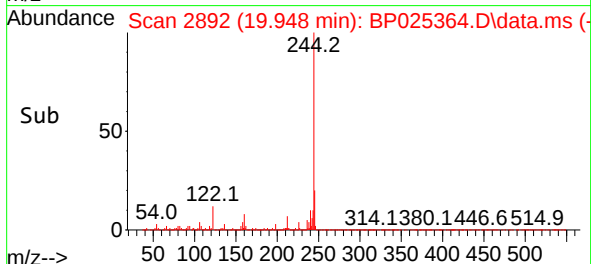
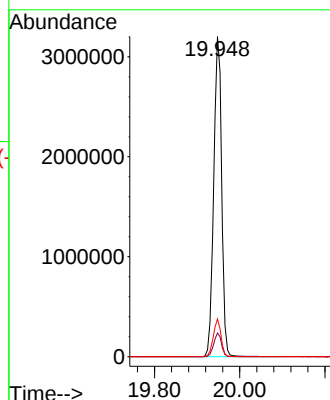
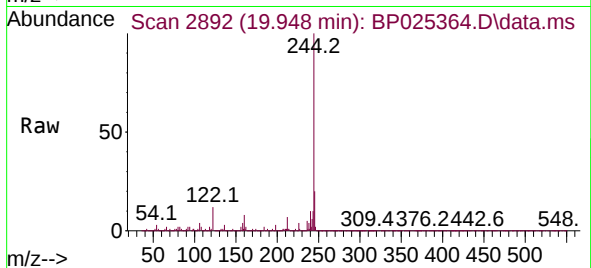
122 11.8 9.5 14.3

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Supervised By :Jagrut Upadhyay 08/13/2025



#80

Butylbenzylphthalate

Concen: 54.253 ng

RT: 20.677 min Scan# 3016

Delta R.T. 0.005 min

Lab File: BP025364.D

Acq: 12 Aug 2025 12:54

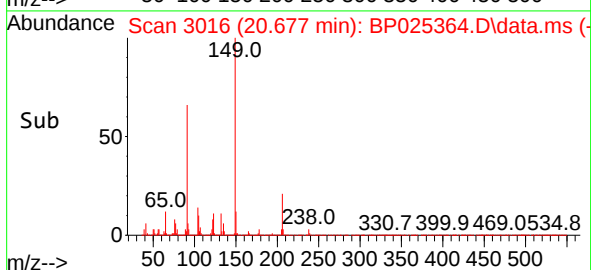
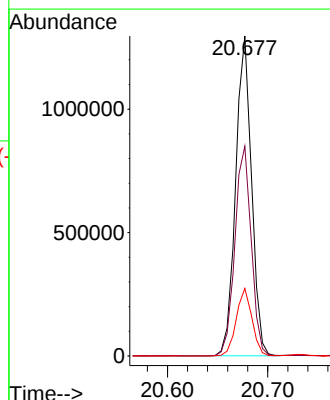
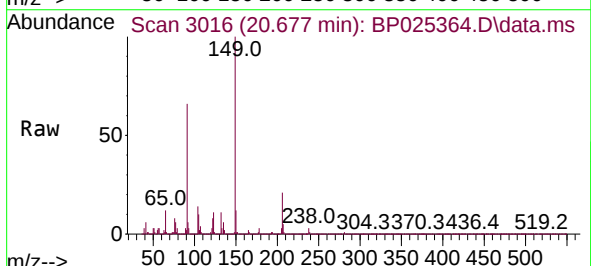
Tgt Ion:149 Resp: 1427772

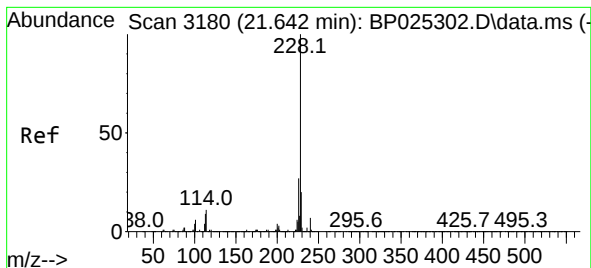
Ion Ratio Lower Upper

149 100

91 65.6 54.7 82.1

206 21.1 16.4 24.6





#81

Benzo(a)anthracene

Concen: 47.110 ng

RT: 21.648 min Scan# 3180

Delta R.T. 0.006 min

Lab File: BP025364.D

Acq: 12 Aug 2025 12:54

Instrument :

BNA_P

ClientSampleId :

PB169180BS

Tgt Ion:228 Resp: 305486

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

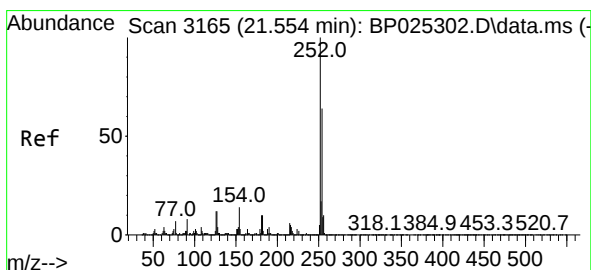
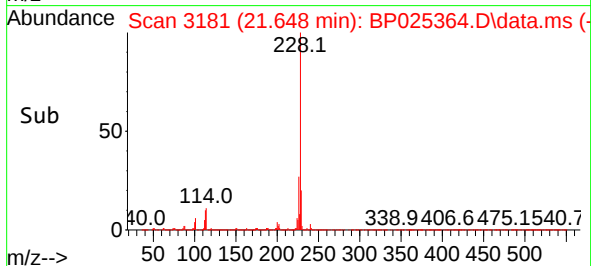
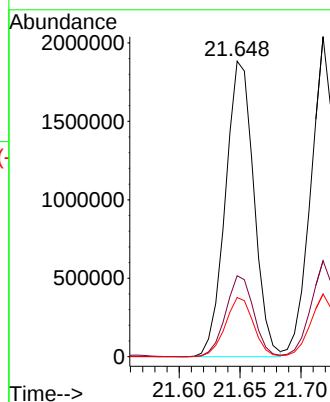
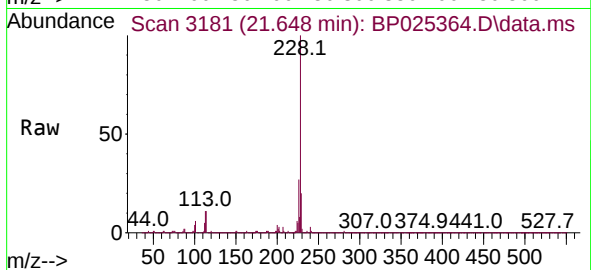
229 20.0 16.0 24.0

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Reviewed By :Rahul Chavli 08/13/2025

Supervised By :Jagrut Upadhyay 08/13/2025



#82

3,3'-Dichlorobenzidine

Concen: 43.316 ng

RT: 21.565 min Scan# 3167

Delta R.T. 0.011 min

Lab File: BP025364.D

Acq: 12 Aug 2025 12:54

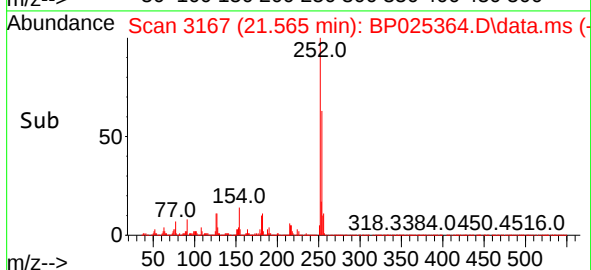
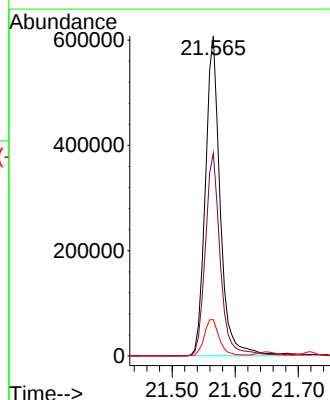
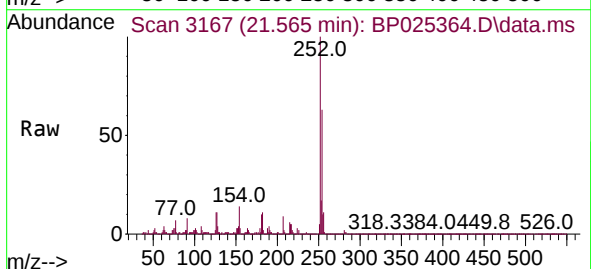
Tgt Ion:252 Resp: 991014

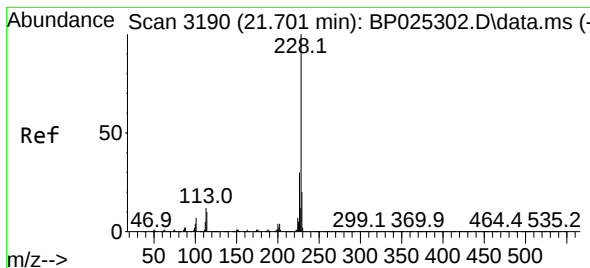
Ion Ratio Lower Upper

252 100

254 63.3 51.0 76.6

126 11.4 9.4 14.2





#83

Chrysene

Concen: 48.218 ng

RT: 21.718 min Scan# 3190

Delta R.T. 0.017 min

Lab File: BP025364.D

Acq: 12 Aug 2025 12:54

Instrument :

BNA_P

ClientSampleId :

PB169180BS

Tgt Ion:228 Resp: 2900030

Ion Ratio Lower Upper

228 100

226 30.0 24.3 36.5

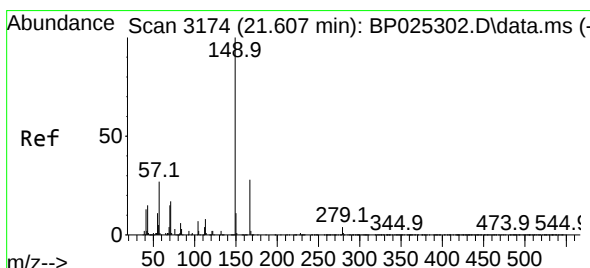
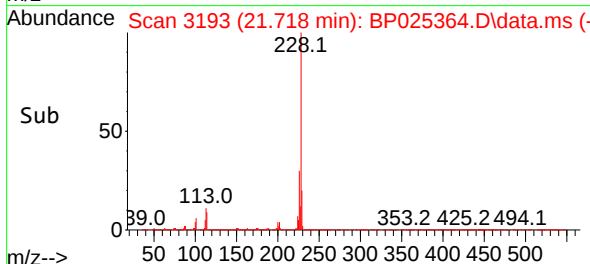
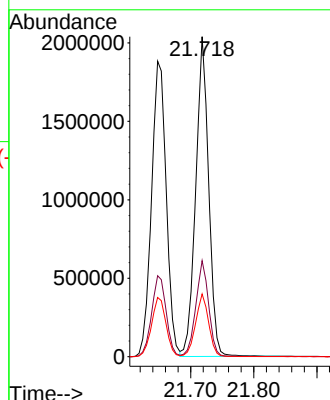
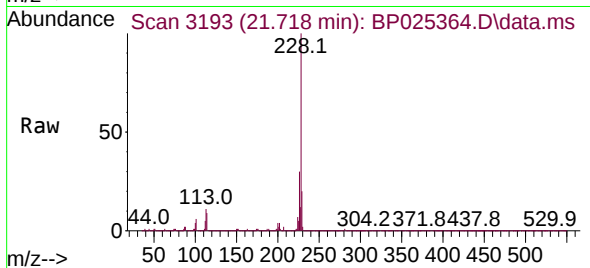
229 19.6 15.9 23.9

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Supervised By :Jagrut Upadhyay 08/13/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.236 ng

RT: 21.606 min Scan# 3174

Delta R.T. -0.001 min

Lab File: BP025364.D

Acq: 12 Aug 2025 12:54

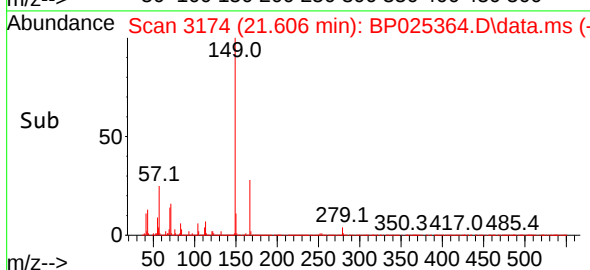
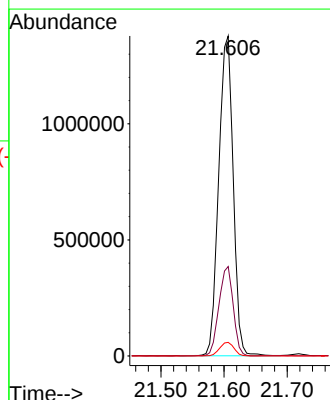
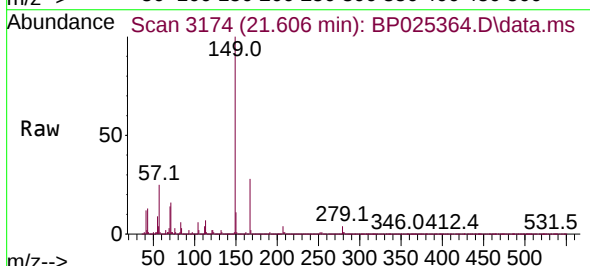
Tgt Ion:149 Resp: 2195038

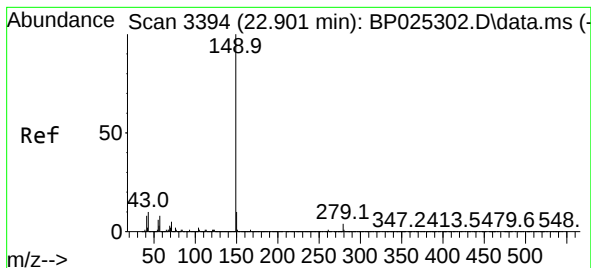
Ion Ratio Lower Upper

149 100

167 27.9 22.1 33.1

279 4.3 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 57.637 ng

RT: 22.906 min Scan# 31

Delta R.T. 0.005 min

Lab File: BP025364.D

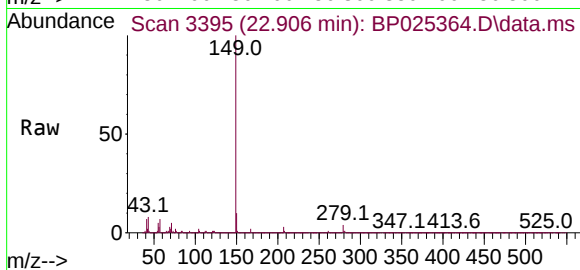
Acq: 12 Aug 2025 12:54

Instrument :

BNA_P

ClientSampleId :

PB169180BS



Tgt Ion:149 Resp: 405403

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

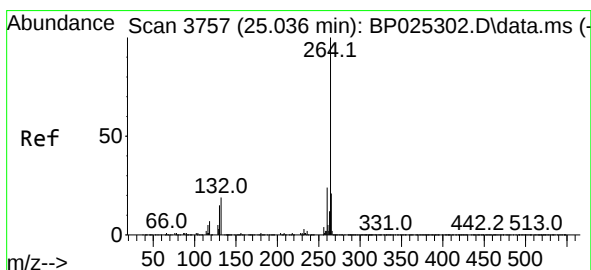
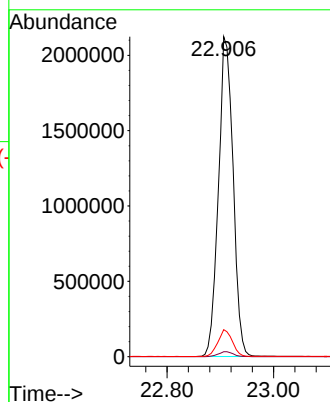
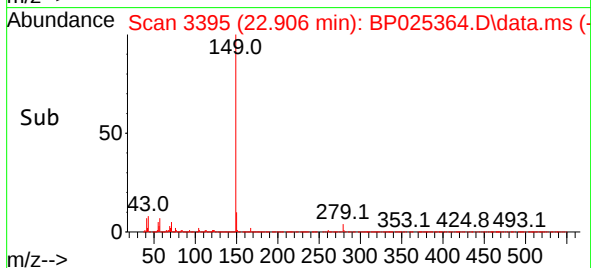
43 8.2 7.9 11.9

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Supervised By :Jagrut Upadhyay 08/13/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.059 min Scan# 3761

Delta R.T. 0.023 min

Lab File: BP025364.D

Acq: 12 Aug 2025 12:54

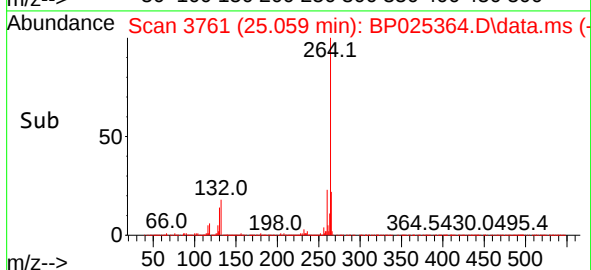
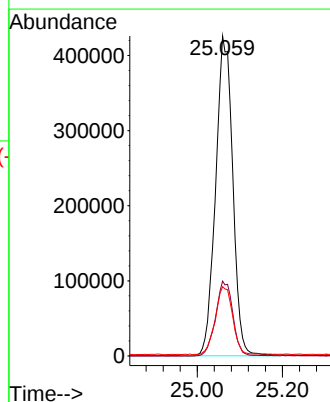
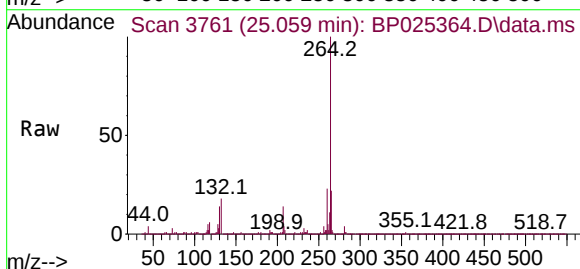
Tgt Ion:264 Resp: 1187024

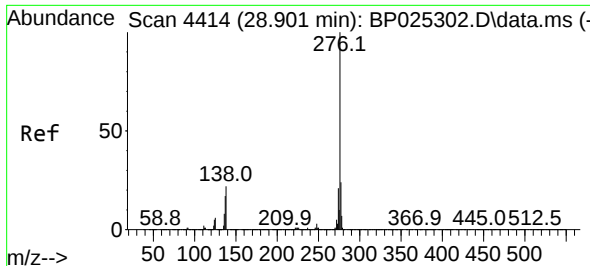
Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.7 17.1 25.7





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.884 ng
 RT: 28.930 min Scan# 4414
 Delta R.T. 0.029 min
 Lab File: BP025364.D
 Acq: 12 Aug 2025 12:54

Instrument :

BNA_P

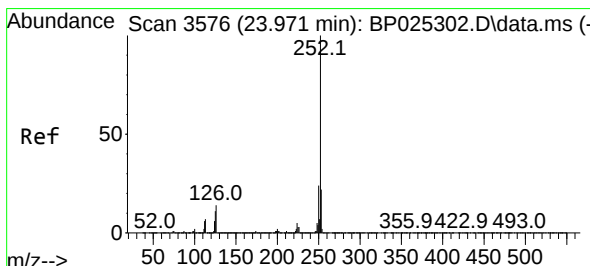
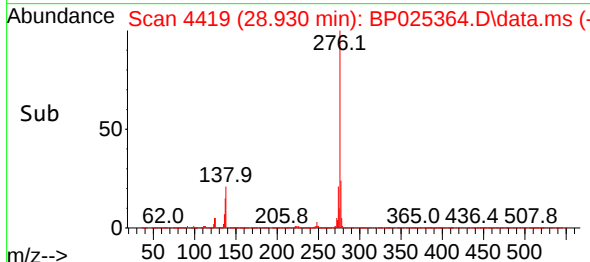
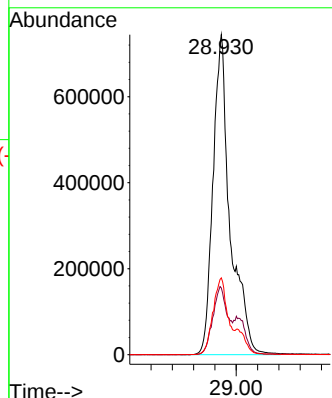
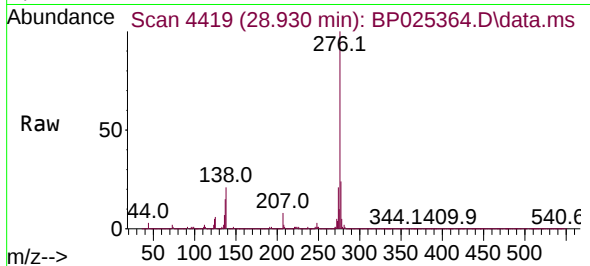
ClientSampleId :

PB169180BS

Tgt Ion:276 Resp: 4159070
 Ion Ratio Lower Upper
 276 100
 138 18.4 14.6 22.0
 277 20.8 16.8 25.2

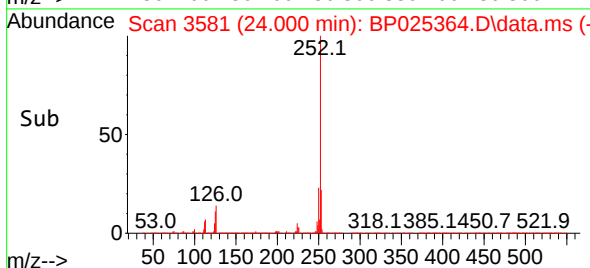
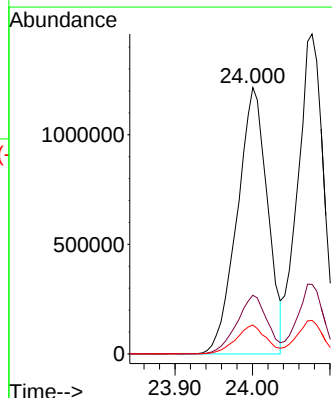
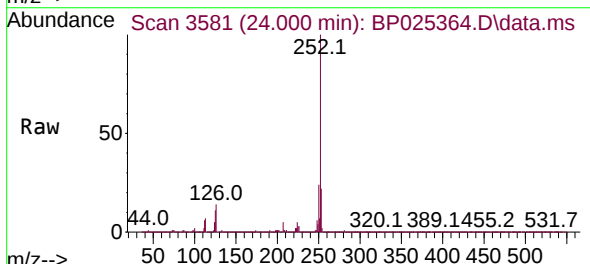
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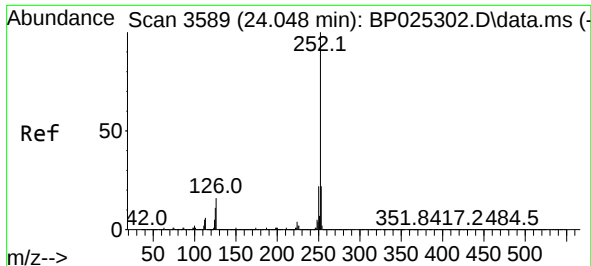
Reviewed By :Rahul Chavli 08/13/2025
 Supervised By :Jagrut Upadhyay 08/13/2025



#88
 Benzo(b)fluoranthene
 Concen: 46.512 ng
 RT: 24.000 min Scan# 3581
 Delta R.T. 0.029 min
 Lab File: BP025364.D
 Acq: 12 Aug 2025 12:54

Tgt Ion:252 Resp: 3305010
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.5 26.3
 125 10.9 8.5 12.7





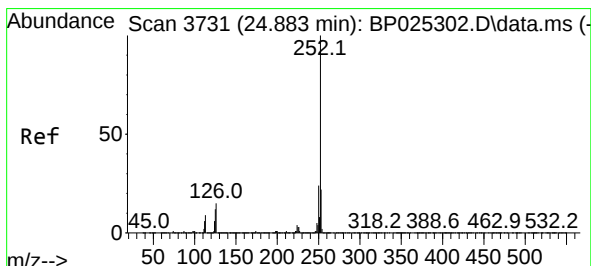
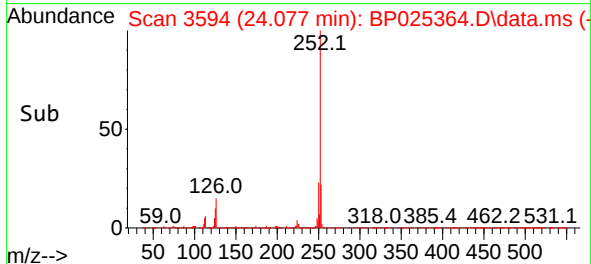
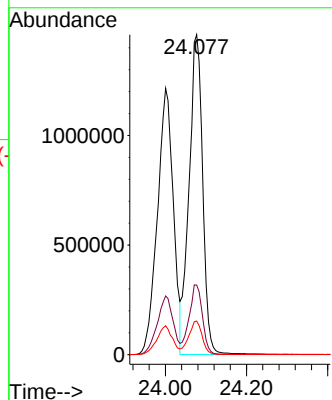
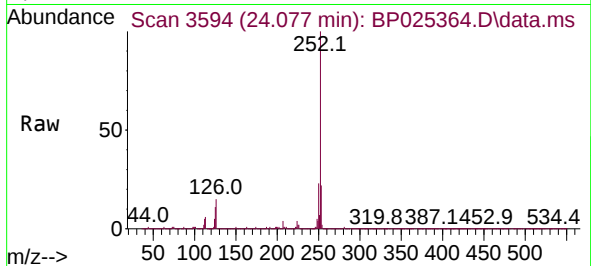
#89
Benzo(k)fluoranthene
Concen: 48.250 ng
RT: 24.077 min Scan# 31
Delta R.T. 0.029 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

Instrument :
BNA_P
ClientSampleId :
PB169180BS

Tgt Ion:252 Resp: 339877
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 10.5 8.5 12.7

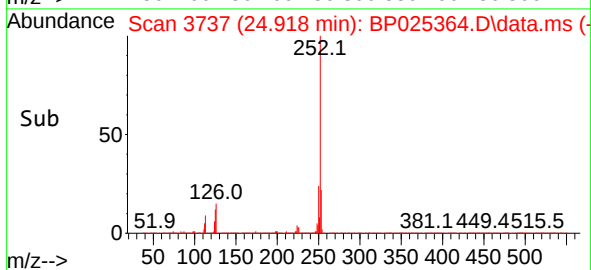
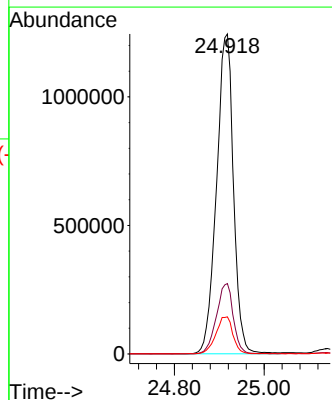
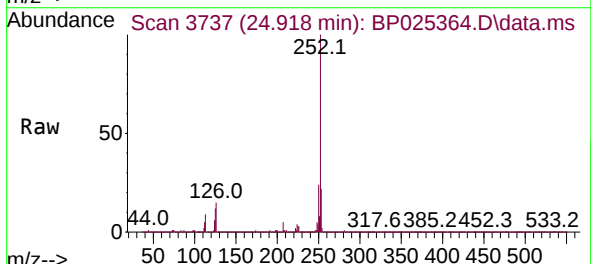
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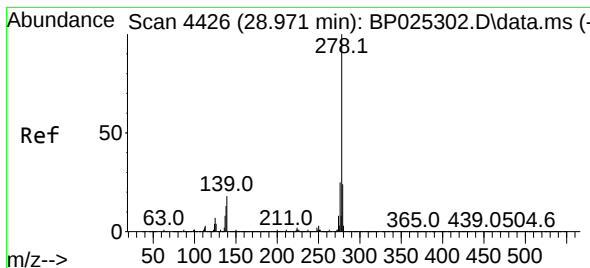
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#90
Benzo(a)pyrene
Concen: 47.713 ng
RT: 24.918 min Scan# 3737
Delta R.T. 0.035 min
Lab File: BP025364.D
Acq: 12 Aug 2025 12:54

Tgt Ion:252 Resp: 3264966
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 11.6 9.4 14.0





#91

Dibenzo(a,h)anthracene

Concen: 48.866 ng

RT: 29.012 min Scan# 4426

Delta R.T. 0.041 min

Lab File: BP025364.D

Acq: 12 Aug 2025 12:54

Instrument :

BNP_P

ClientSampleId :

PB169180BS

Tgt Ion:278 Resp: 340500

Ion Ratio Lower Upper

278 100

139 16.6 14.6 22.0

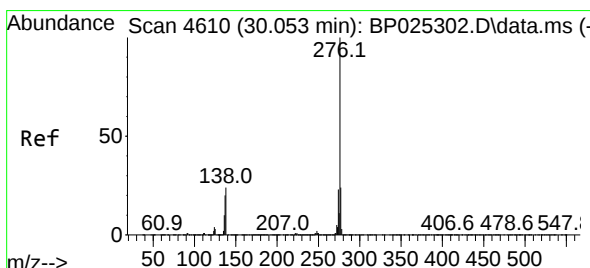
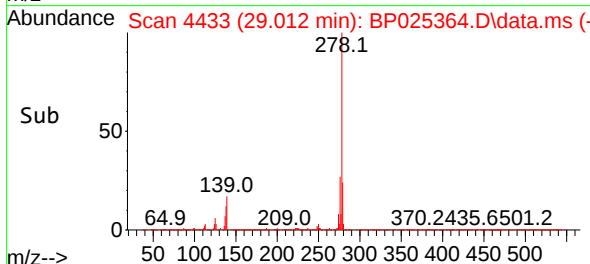
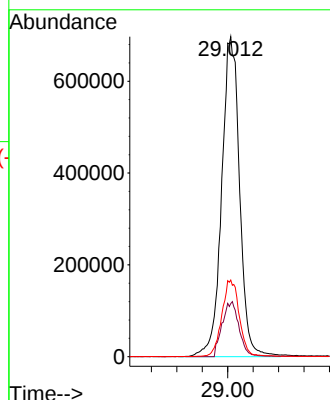
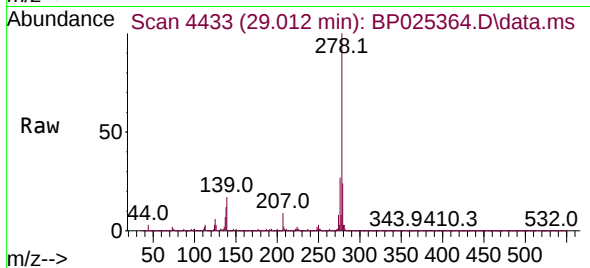
279 24.0 19.0 28.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/13/2025

Supervised By :Jagrut Upadhyay 08/13/2025



#92

Benzo(g,h,i)perylene

Concen: 48.498 ng

RT: 30.130 min Scan# 4623

Delta R.T. 0.077 min

Lab File: BP025364.D

Acq: 12 Aug 2025 12:54

Tgt Ion:276 Resp: 3316590

Ion Ratio Lower Upper

276 100

277 23.5 19.3 28.9

138 21.9 19.1 28.7

