

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071825\
 Data File : BP025192.D
 Acq On : 18 Jul 2025 14:33
 Operator : CG/JU
 Sample : Q2597-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CHRT-26899MSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/21/2025
 Supervised By :Jagrut Upadhyay 07/21/2025

Quant Time: Jul 18 14:51:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 03 16:05:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	718069	20.000	ng	0.00
21) Naphthalene-d8	10.190	136	2875357	20.000	ng	0.00
39) Acenaphthene-d10	14.095	164	1762354	20.000	ng	0.00
64) Phenanthrene-d10	16.919	188	3047795	20.000	ng	# 0.01
76) Chrysene-d12	21.360	240	3398852	20.000	ng	0.02
86) Perylene-d12	24.524	264	4139648	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.108	112	3354831	82.781	ng	0.01
7) Phenol-d6	6.643	99	4278992	80.909	ng	0.01
23) Nitrobenzene-d5	8.572	82	2584466	59.777	ng	0.00
42) 2,4,6-Tribromophenol	15.637	330	2184054	104.905	ng	0.02
45) 2-Fluorobiphenyl	12.701	172	6896816	60.625	ng	0.00
79) Terphenyl-d14	19.689	244	9692693	62.676	ng	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.120	88	522161	33.134	ng	99
3) Pyridine	3.490	79	1448416	33.571	ng	97
4) n-Nitrosodimethylamine	3.402	42	635044	34.763	ng	91
6) Aniline	6.784	93	1435687	29.055	ng	99
8) 2-Chlorophenol	7.019	128	2071338	45.681	ng	98
9) Benzaldehyde	6.596	77	1191263	43.131	ng	96
10) Phenol	6.672	94	2309080	42.970	ng	97
11) bis(2-Chloroethyl)ether	6.884	93	1713531	41.433	ng	97
12) 1,3-Dichlorobenzene	7.331	146	2203625	43.423	ng	99
13) 1,4-Dichlorobenzene	7.472	146	2220399	43.216	ng	99
14) 1,2-Dichlorobenzene	7.784	146	2161225	43.727	ng	99
15) Benzyl Alcohol	7.678	79	1543453	43.726	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.960	45	2137331	39.746	ng	97
17) 2-Methylphenol	7.890	107	1587575	45.864	ng	99
18) Hexachloroethane	8.502	117	759284	45.363	ng	97
19) n-Nitroso-di-n-propyla...	8.237	70	1228521	39.169	ng	97
20) 3+4-Methylphenols	8.208	107	2160042	44.551	ng	97
22) Acetophenone	8.243	105	2675246	39.341	ng	98
24) Nitrobenzene	8.613	77	1880097	42.692	ng	95
25) Isophorone	9.143	82	3565539	44.129	ng	98
26) 2-Nitrophenol	9.313	139	1092514	50.908	ng	97
27) 2,4-Dimethylphenol	9.390	122	1846201	61.254	ng	99
28) bis(2-Chloroethoxy)met...	9.619	93	2268251	41.345	ng	100
29) 2,4-Dichlorophenol	9.849	162	1978308	47.336	ng	99
30) 1,2,4-Trichlorobenzene	10.055	180	2089765	45.153	ng	98
31) Naphthalene	10.243	128	6118039	41.322	ng	100
32) Benzoic acid	9.560	122	1566557	51.506	ng	96
33) 4-Chloroaniline	10.349	127	1248930	22.604	ng	99
34) Hexachlorobutadiene	10.531	225	1279328	48.169	ng	99
35) Caprolactam	11.143	113	601704m	42.085	ng	
36) 4-Chloro-3-methylphenol	11.496	107	1897199	43.440	ng	100
37) 2-Methylnaphthalene	11.860	142	3935923	37.677	ng	100
38) 1-Methylnaphthalene	12.096	142	4079783	40.044	ng	99
40) 1,2,4,5-Tetrachloroben...	12.243	216	2361542	46.625	ng	99
41) Hexachlorocyclopentadiene	12.225	237	1532451	115.832	ng	98
43) 2,4,6-Trichlorophenol	12.496	196	1617632	52.744	ng	99

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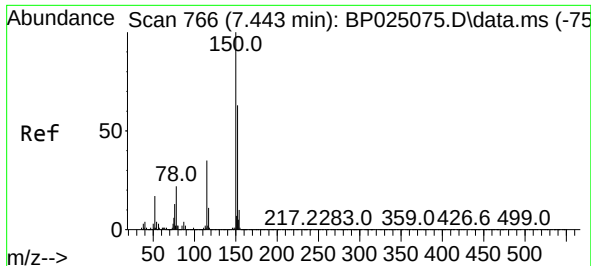
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.572	196	1741173	50.095	ng	98
46) 1,1'-Biphenyl	12.907	154	5453993	42.534	ng	100
47) 2-Chloronaphthalene	12.943	162	4280520	44.415	ng	99
48) 2-Nitroaniline	13.154	65	1093525	46.416	ng	92
49) Acenaphthylene	13.813	152	6827598	46.287	ng	100
50) Dimethylphthalate	13.566	163	5063196	41.042	ng	99
51) 2,6-Dinitrotoluene	13.666	165	1192272	49.554	ng	92
52) Acenaphthene	14.166	154	3864705	40.650	ng	99
53) 3-Nitroaniline	13.995	138	1017787	39.472	ng	98
54) 2,4-Dinitrophenol	14.219	184	615118	54.176	ng	93
55) Dibenzofuran	14.507	168	6117858	38.992	ng	99
56) 4-Nitrophenol	14.343	139	2164669	90.971	ng	96
57) 2,4-Dinitrotoluene	14.484	165	1558331	44.344	ng	88
58) Fluorene	15.172	166	4734515	39.012	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.737	232	1465701	46.567	ng	96
60) Diethylphthalate	14.972	149	4878323	39.371	ng	98
61) 4-Chlorophenyl-phenyle...	15.178	204	2393795	39.857	ng	98
62) 4-Nitroaniline	15.195	138	1088146	40.246	ng	100
63) Azobenzene	15.478	77	4127404	37.408	ng	94
65) 4,6-Dinitro-2-methylph...	15.266	198	429995	32.979	ng	85
66) n-Nitrosodiphenylamine	15.401	169	4111370	47.136	ng	99
67) 4-Bromophenyl-phenylether	16.101	248	1663783	53.316	ng	97
68) Hexachlorobenzene	16.207	284	1881224	49.321	ng	96
69) Atrazine	16.407	200	1530515	59.881	ng	93
70) Pentachlorophenol	16.572	266	2559186	99.349	ng	99
71) Phenanthrene	16.966	178	6836970	41.981	ng	96
72) Anthracene	17.066	178	7041601	45.069	ng	98
73) Carbazole	17.348	167	6457926	42.274	ng	97
74) Di-n-butylphthalate	17.966	149	7440665	43.739	ng	98
75) Fluoranthene	19.072	202	8401898	44.136	ng	97
77) Benzidine	19.283	184	2380556	39.657	ng	# 93
78) Pyrene	19.454	202	8893288	42.245	ng	98
80) Butylbenzylphthalate	20.436	149	3674497	45.510	ng	97
81) Benzo(a)anthracene	21.342	228	9427688	45.771	ng	98
82) 3,3'-Dichlorobenzidine	21.272	252	1837810	29.639	ng	# 99
83) Chrysene	21.407	228	9098431	45.901	ng	99
84) Bis(2-ethylhexyl)phtha...	21.325	149	5892349	53.333	ng	97
85) Di-n-octyl phthalate	22.548	149	10363365	50.755	ng	96
87) Indeno(1,2,3-cd)pyrene	28.071	276	13381638m	50.742	ng	
88) Benzo(b)fluoranthene	23.536	252	11384396	47.248	ng	99
89) Benzo(k)fluoranthene	23.601	252	10029616	41.835	ng	99
90) Benzo(a)pyrene	24.377	252	10226105	49.866	ng	99
91) Dibenzo(a,h)anthracene	28.159	278	10419062	47.796	ng	99
92) Benzo(g,h,i)perylene	29.183	276	10869264	48.267	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 70
Delta R.T. -0.000 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Instrument :

BNA_P

ClientSampleId :

CHRT-26899MSD

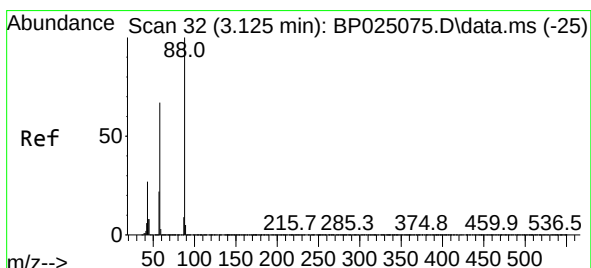
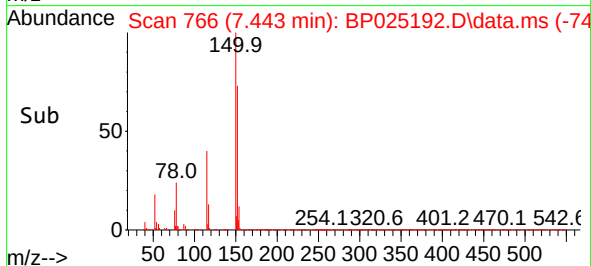
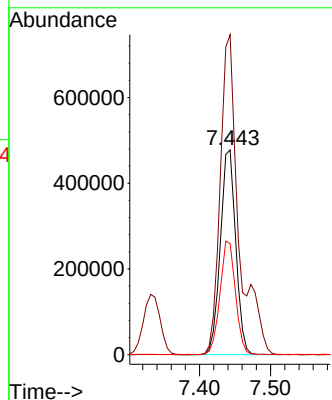
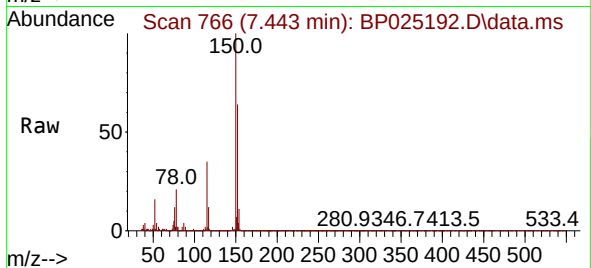
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Ion Ratio Lower Upper
152 100
150 156.2 126.1 189.1
115 54.3 44.3 66.5

Manual Integrations

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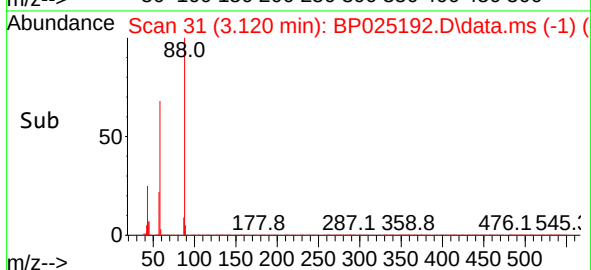
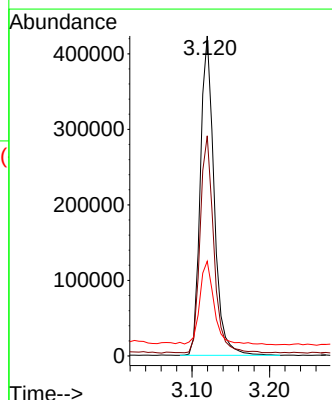
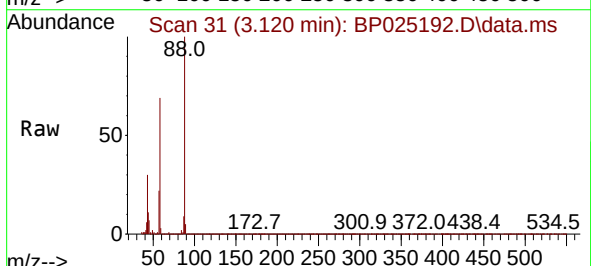
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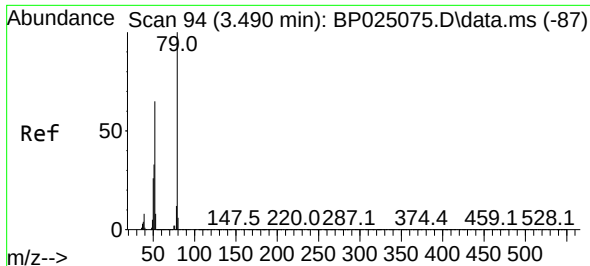
Supervised By :Jagrut Upadhyay 07/21/2025



#2
1,4-Dioxane
Concen: 33.134 ng
RT: 3.120 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

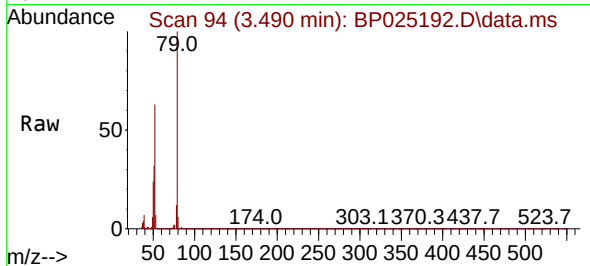
Tgt Ion: 88 Resp: 522161
Ion Ratio Lower Upper
88 100
58 67.1 55.0 82.4
43 27.2 21.9 32.9





#3
 Pyridine
 Concen: 33.571 ng
 RT: 3.490 min Scan# 94
 Delta R.T. 0.000 min
 Lab File: BP025192.D
 Acq: 18 Jul 2025 14:33

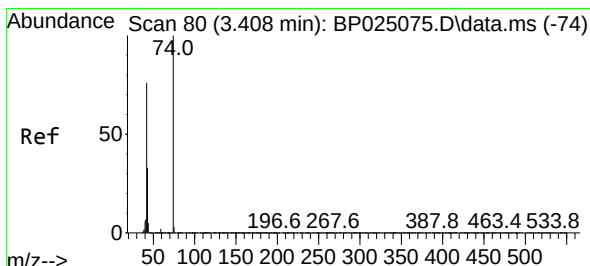
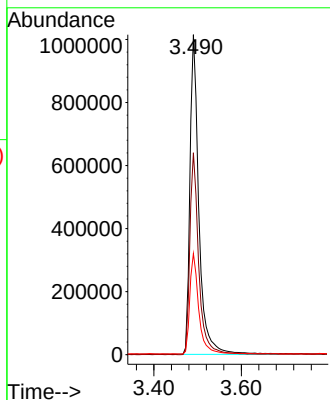
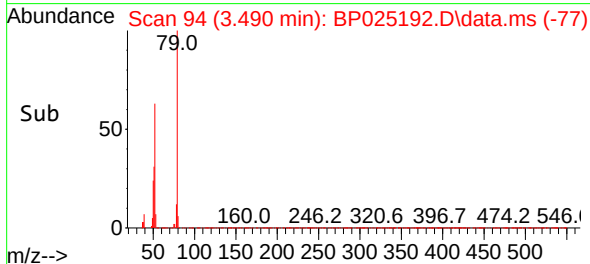
Instrument :
 BNA_P
 ClientSampleId :
 CHRT-26899MSD



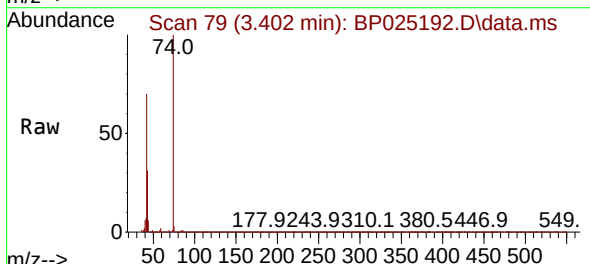
Tgt Ion: 79 Resp: 1448410
 Ion Ratio Lower Upper
 79 100
 52 63.1 52.2 78.4
 51 31.6 26.8 40.2

Manual Integrations
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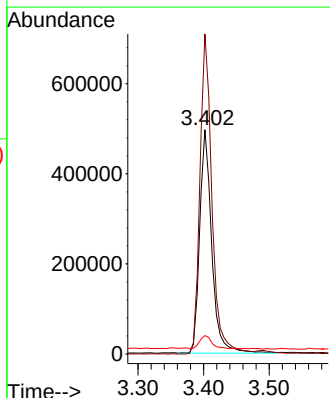
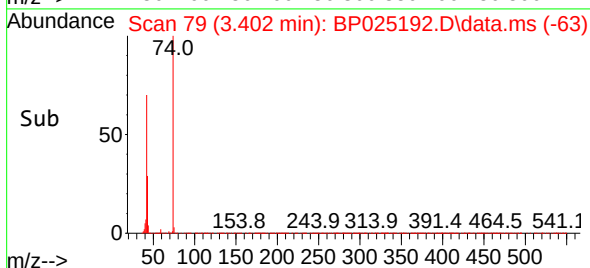
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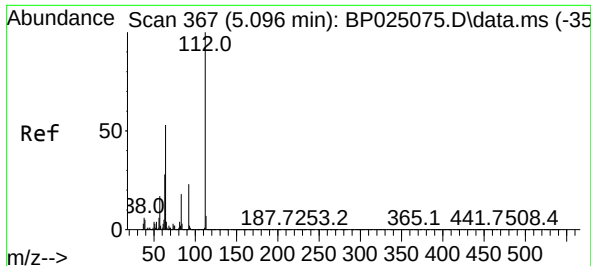


#4
 n-Nitrosodimethylamine
 Concen: 34.763 ng
 RT: 3.402 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BP025192.D
 Acq: 18 Jul 2025 14:33



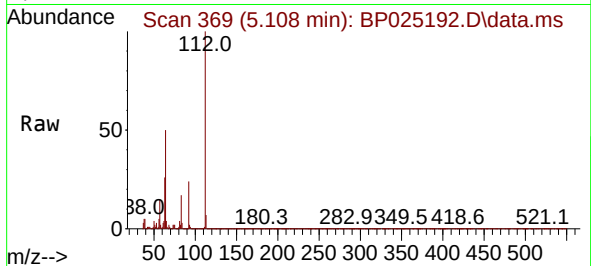
Tgt Ion: 42 Resp: 635044
 Ion Ratio Lower Upper
 42 100
 74 142.7 105.2 157.8
 44 8.2 6.6 9.8





#5
2-Fluorophenol
Concen: 82.781 ng
RT: 5.108 min Scan# 30
Delta R.T. 0.012 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

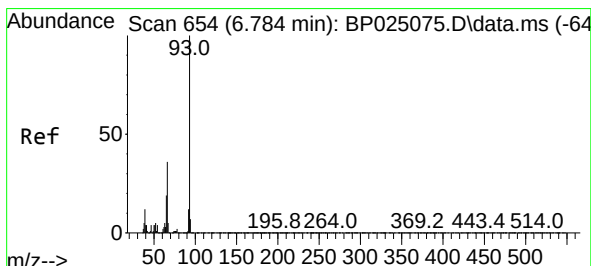
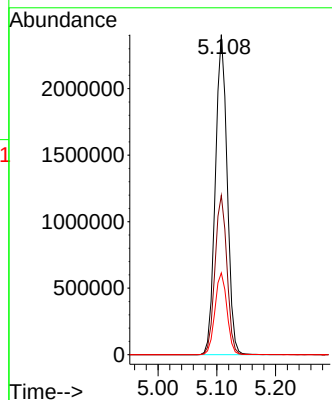
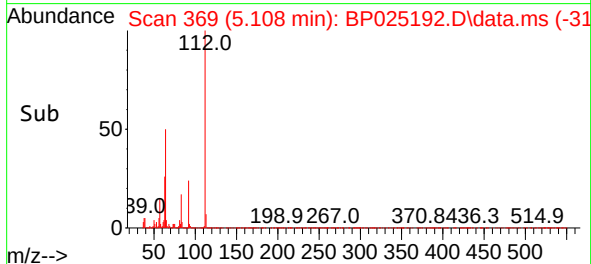
Instrument :
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CHRT-26899MSD



Tgt Ion:112 Resp: 335483
Ion Ratio Lower Upper
112 100
64 49.7 42.0 63.0
63 25.5 22.2 33.2

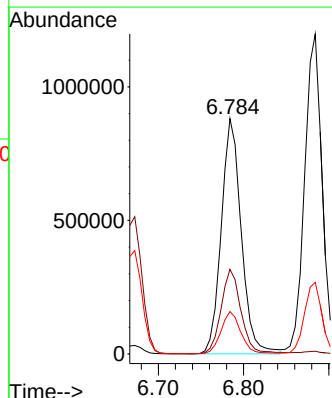
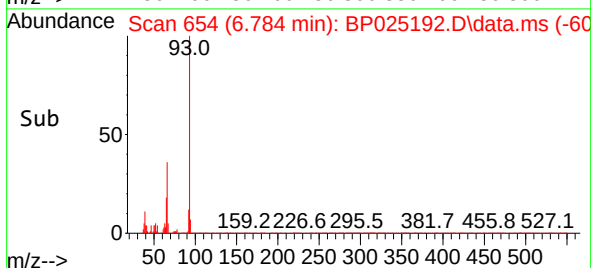
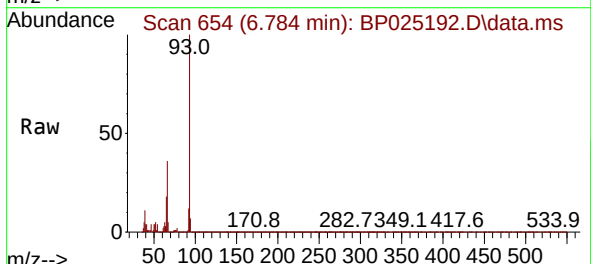
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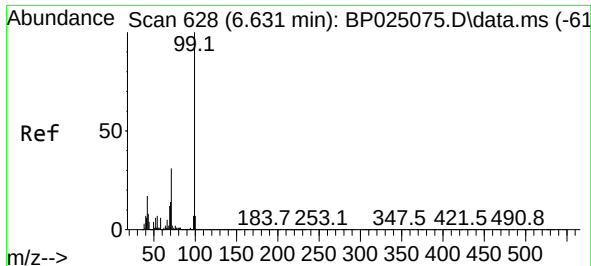
Reviewed By :Rahul Chavli 07/21/2025
Supervised By :Jagrut Upadhyay 07/21/2025



#6
Aniline
Concen: 29.055 ng
RT: 6.784 min Scan# 654
Delta R.T. 0.000 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

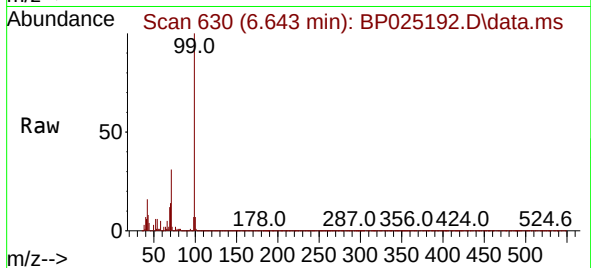
Tgt Ion: 93 Resp: 1435687
Ion Ratio Lower Upper
93 100
66 35.9 28.9 43.3
65 18.0 15.2 22.8





#7
Phenol-d6
Concen: 80.909 ng
RT: 6.643 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

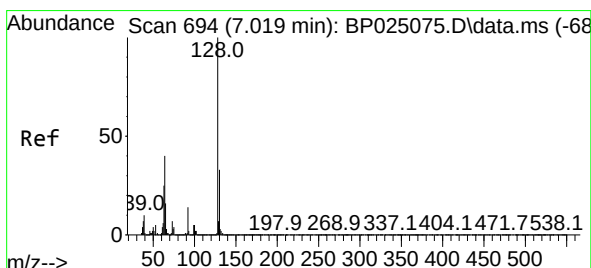
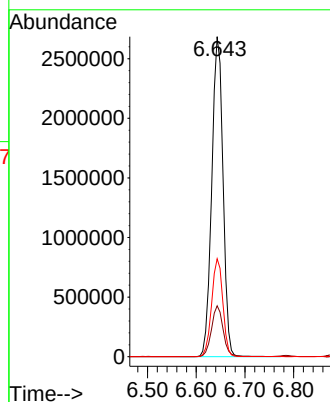
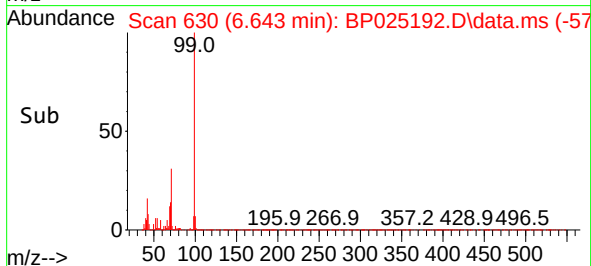
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Tgt Ion: 99 Resp: 427899
Ion Ratio Lower Upper
99 100
42 15.9 13.6 20.4
71 30.6 24.4 36.6

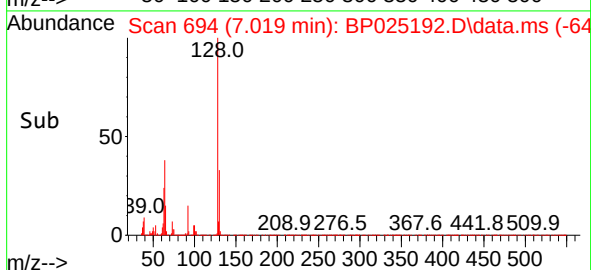
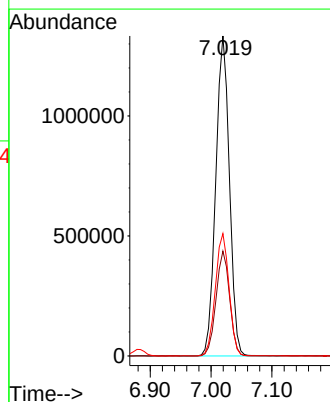
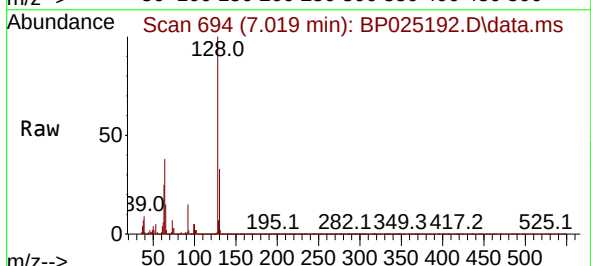
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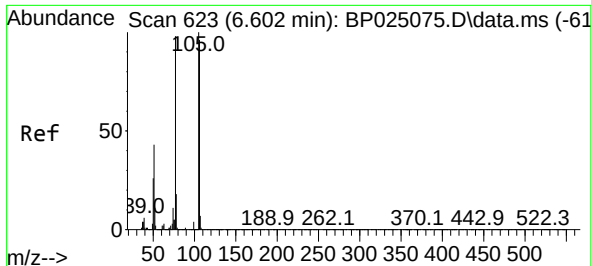
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Supervised By :Jagrut Upadhyay 07/21/2025



#8
2-Chlorophenol
Concen: 45.681 ng
RT: 7.019 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:128 Resp: 2071338
Ion Ratio Lower Upper
128 100
130 32.8 12.9 52.9
64 38.3 20.3 60.3





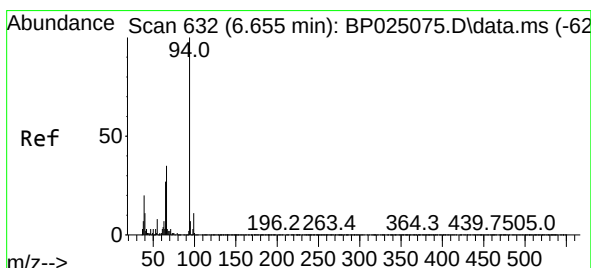
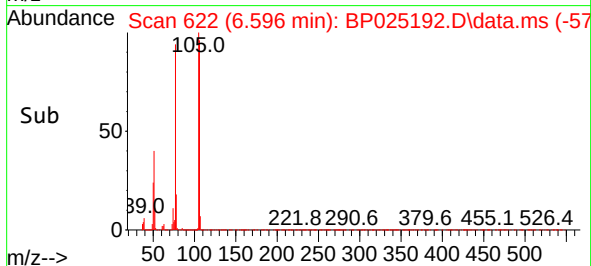
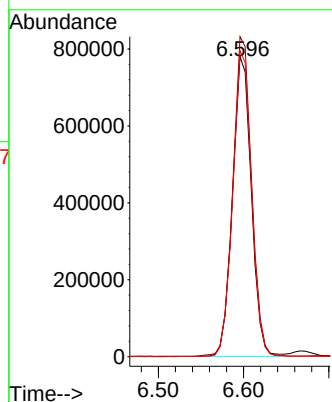
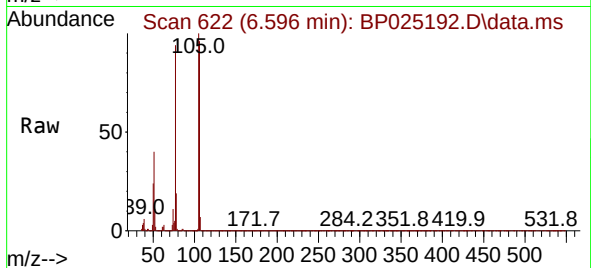
#9
Benzaldehyde
Concen: 43.131 ng
RT: 6.596 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Instrument :
BNA_P
ClientSampleId :
CHRT-26899MSD

Tgt Ion: 77 Resp: 119126
Ion Ratio Lower Upper
77 100
105 106.6 82.4 122.4
106 101.9 78.3 118.3

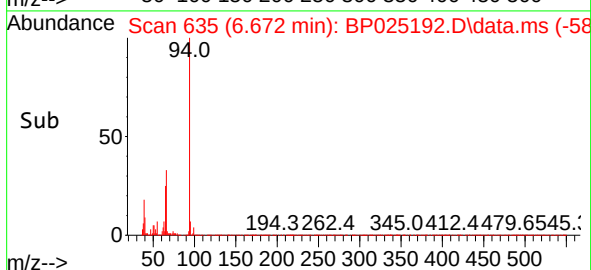
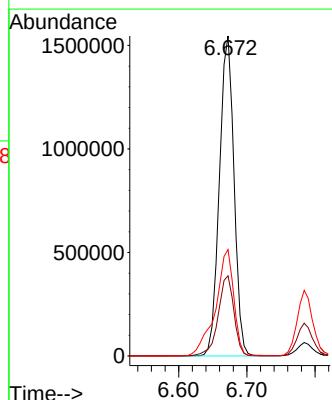
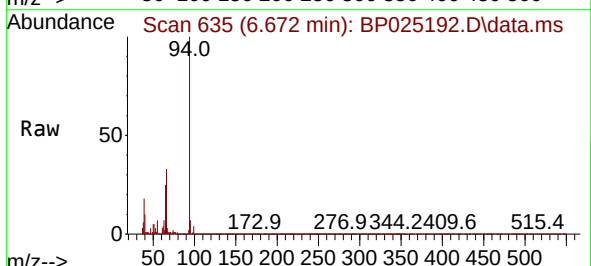
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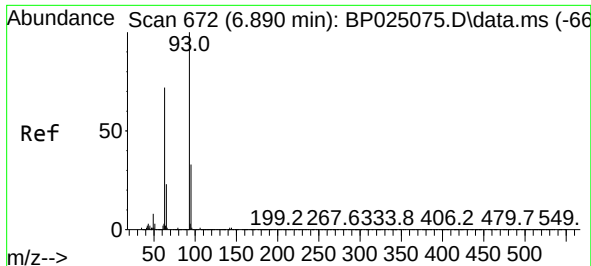
Reviewed By :Rahul Chavli 07/21/2025
Supervised By :Jagrut Upadhyay 07/21/2025



#10
Phenol
Concen: 42.970 ng
RT: 6.672 min Scan# 635
Delta R.T. 0.018 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion: 94 Resp: 2309080
Ion Ratio Lower Upper
94 100
65 25.0 6.9 46.9
66 33.2 14.6 54.6





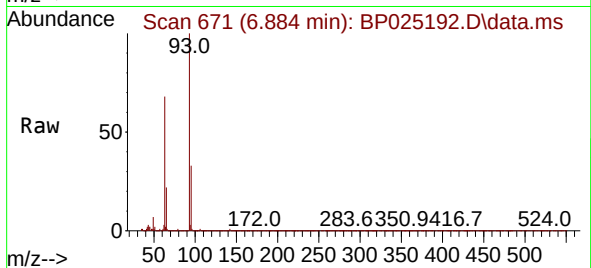
#11
bis(2-Chloroethyl)ether
Concen: 41.433 ng
RT: 6.884 min Scan# 611
Delta R.T. -0.006 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Instrument :

BNA_P

ClientSampleId :

CHRT-26899MSD



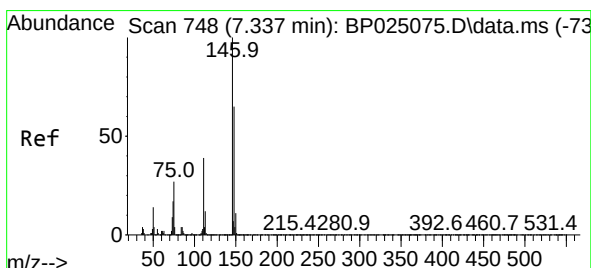
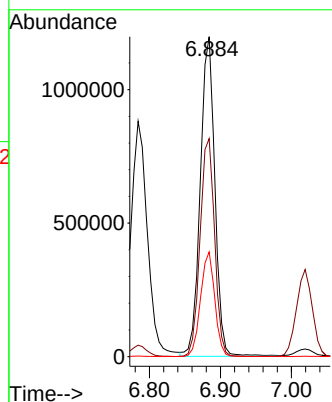
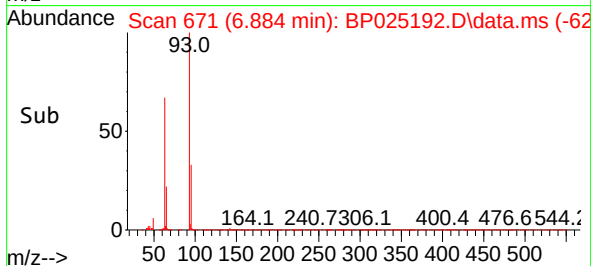
Tgt Ion: 93 Resp: 171353
Ion Ratio Lower Upper
93 100
63 68.1 51.9 91.9
95 32.8 12.4 52.4

Manual Integrations

APPROVED

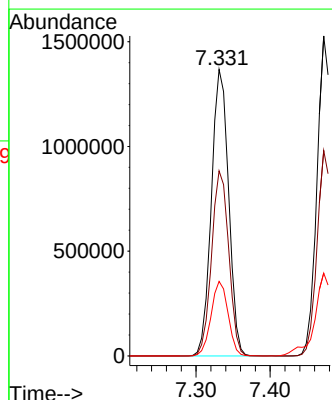
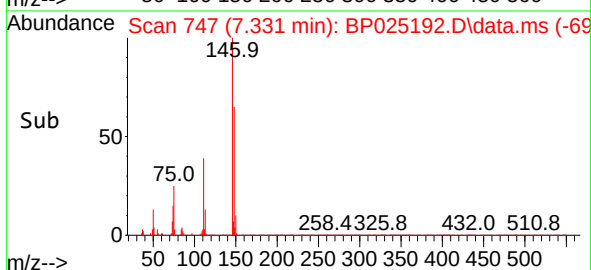
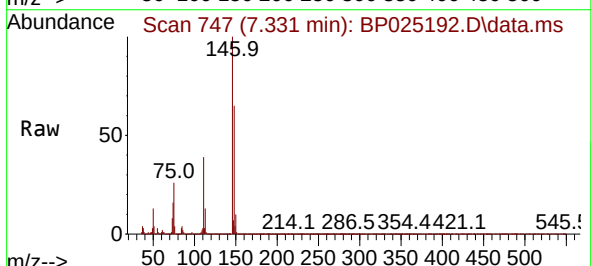
Reviewed By :Rahul Chavli 07/21/2025

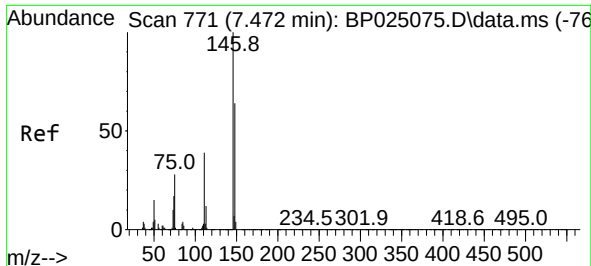
Supervised By :Jagrut Upadhyay 07/21/2025



#12
1,3-Dichlorobenzene
Concen: 43.423 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:146 Resp: 2203625
Ion Ratio Lower Upper
146 100
148 64.6 51.9 77.9
75 26.0 21.8 32.6





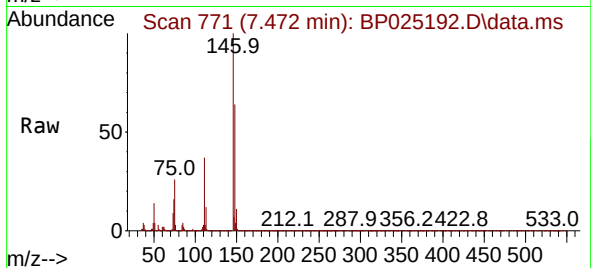
#13
1,4-Dichlorobenzene
Concen: 43.216 ng
RT: 7.472 min Scan# 771
Delta R.T. 0.000 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Instrument :

BNA_P

ClientSampleId :

CHRT-26899MSD



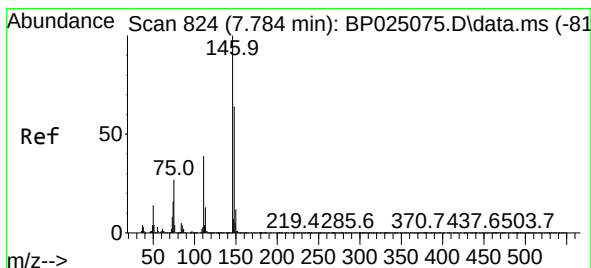
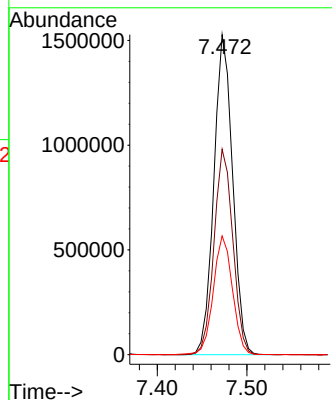
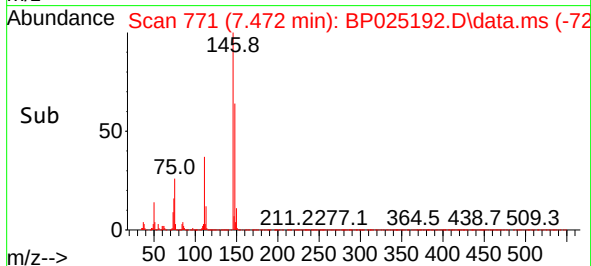
Tgt Ion:146 Resp: 2220399
Ion Ratio Lower Upper
146 100
148 64.2 51.1 76.7
111 37.1 31.2 46.8

Manual Integrations

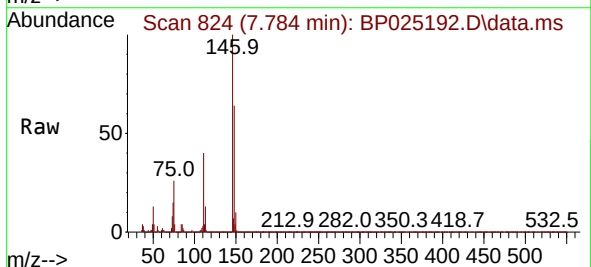
APPROVED

Reviewed By :Rahul Chavli 07/21/2025

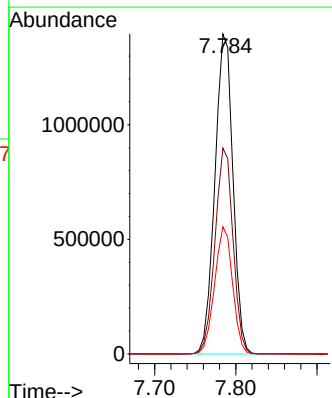
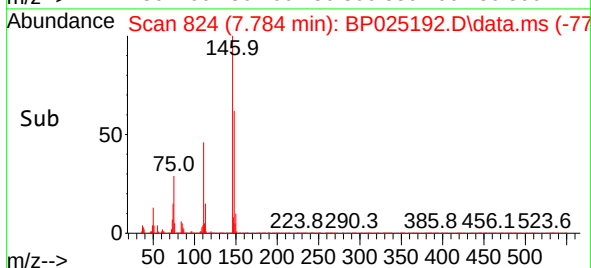
Supervised By :Jagrut Upadhyay 07/21/2025

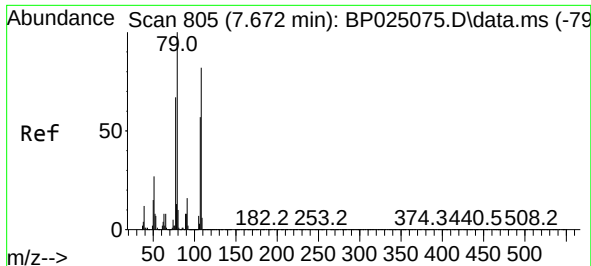


#14
1,2-Dichlorobenzene
Concen: 43.727 ng
RT: 7.784 min Scan# 824
Delta R.T. 0.000 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33



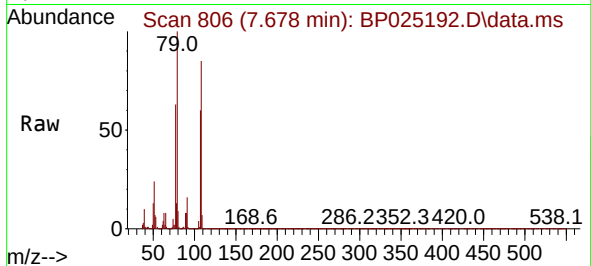
Tgt Ion:146 Resp: 2161225
Ion Ratio Lower Upper
146 100
148 64.3 51.1 76.7
111 39.7 31.2 46.8





#15
Benzyl Alcohol
Concen: 43.726 ng
RT: 7.678 min Scan# 805
Delta R.T. 0.006 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

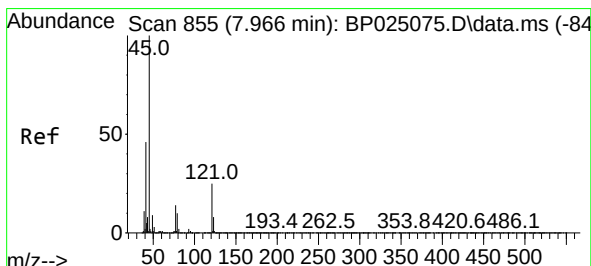
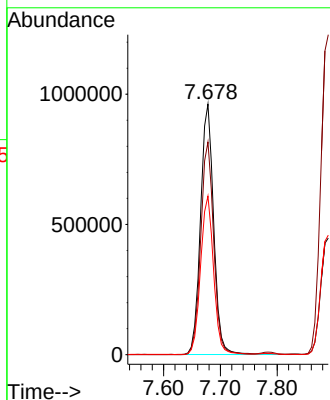
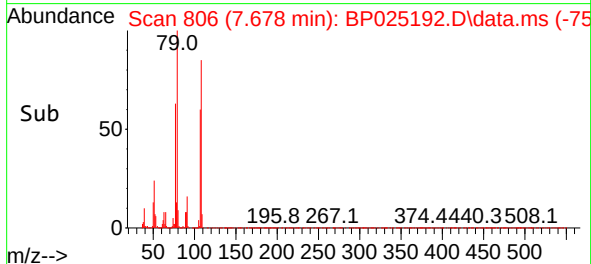
Instrument :
BNA_P
ClientSampleId :
CHRT-26899MSD



Tgt Ion: 79 Resp: 154345
Ion Ratio Lower Upper
79 100
108 84.9 66.0 99.0
77 63.3 53.4 80.2

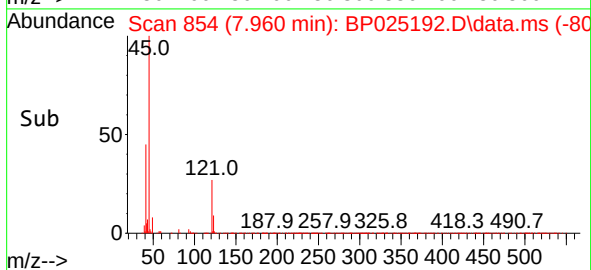
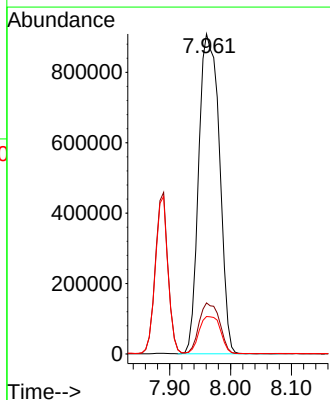
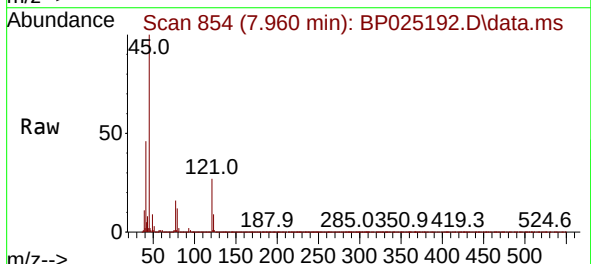
Manual Integrations
APPROVED

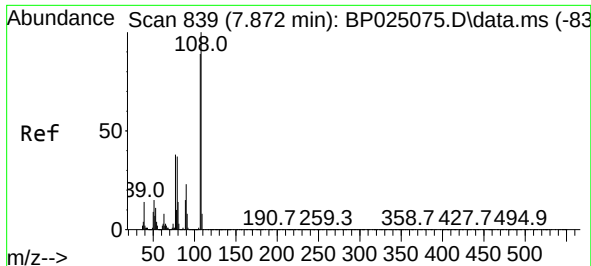
Reviewed By :Rahul Chavli 07/21/2025
Supervised By :Jagrut Upadhyay 07/21/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.746 ng
RT: 7.960 min Scan# 854
Delta R.T. -0.006 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion: 45 Resp: 2137331
Ion Ratio Lower Upper
45 100
77 15.9 0.0 34.8
79 11.7 0.0 30.7





#17

2-Methylphenol

Concen: 45.864 ng

RT: 7.890 min Scan# 84

Delta R.T. 0.018 min

Lab File: BP025192.D

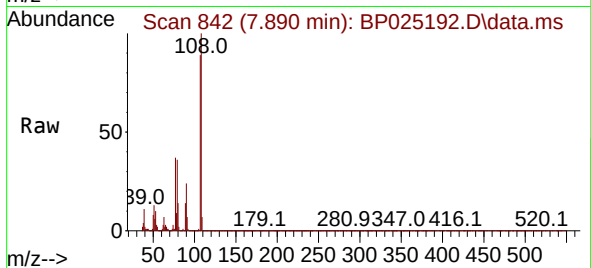
Acq: 18 Jul 2025 14:33

Instrument :

BNA_P

ClientSampleId :

CHRT-26899MSD



Tgt Ion:107 Resp: 158757

Ion Ratio Lower Upper

107 100

108 112.0 89.7 134.5

77 41.8 34.2 51.4

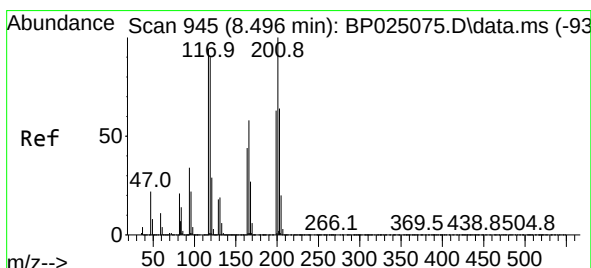
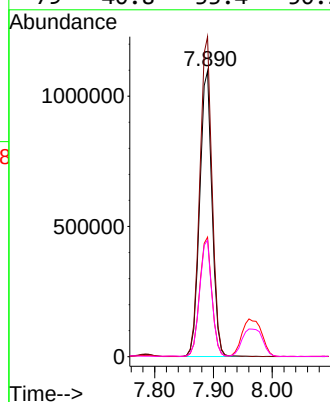
79 40.8 33.4 50.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/21/2025

Supervised By :Jagrut Upadhyay 07/21/2025



#18

Hexachloroethane

Concen: 45.363 ng

RT: 8.502 min Scan# 946

Delta R.T. 0.006 min

Lab File: BP025192.D

Acq: 18 Jul 2025 14:33

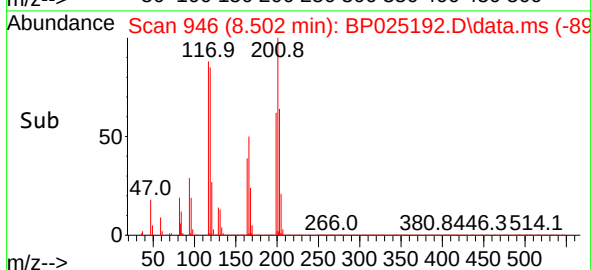
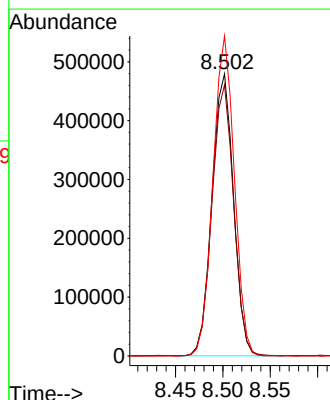
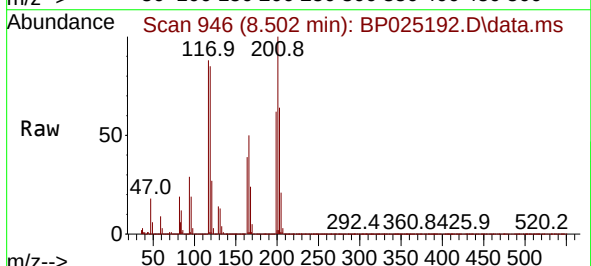
Tgt Ion:117 Resp: 759284

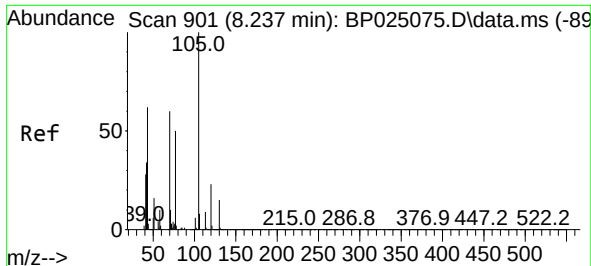
Ion Ratio Lower Upper

117 100

119 96.1 76.6 115.0

201 113.4 85.4 128.2





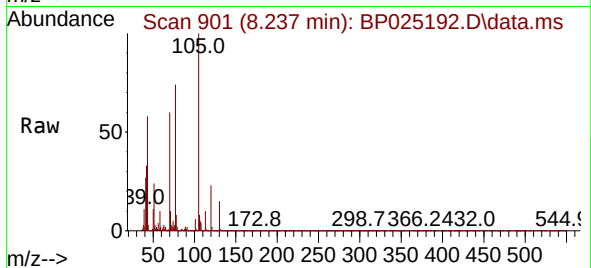
#19
n-Nitroso-di-n-propylamine
Concen: 39.169 ng
RT: 8.237 min Scan# 901
Delta R.T. 0.000 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Instrument :

BNA_P

ClientSampleId :

CHRT-26899MSD



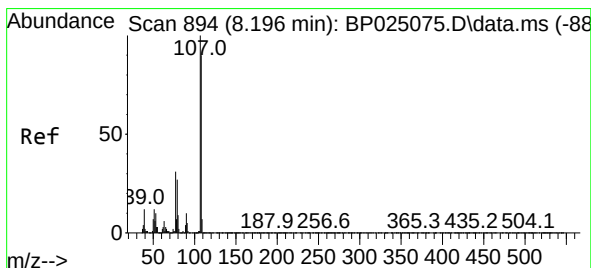
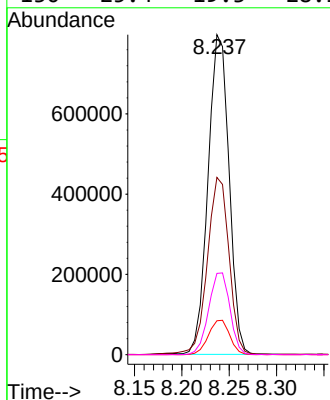
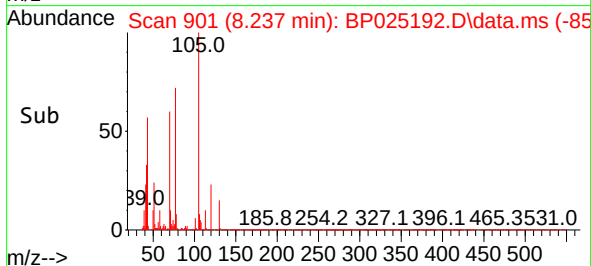
Tgt Ion: 70 Resp: 122852
Ion Ratio Lower Upper
70 100
42 55.4 46.5 69.7
101 10.6 7.9 11.9
130 25.4 19.3 28.9

Manual Integrations

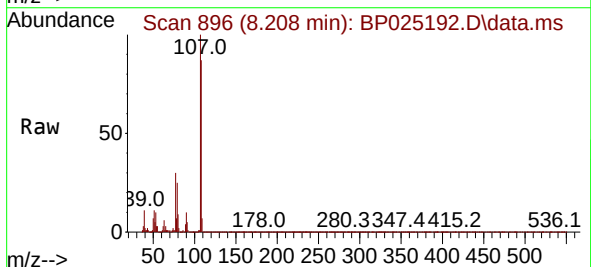
APPROVED

Reviewed By :Rahul Chavli 07/21/2025

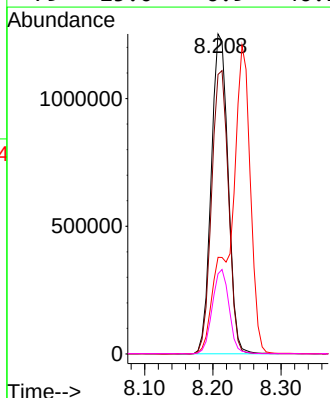
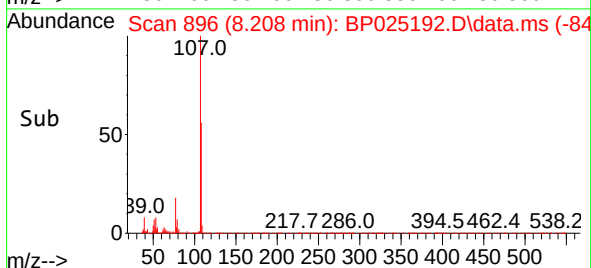
Supervised By :Jagrut Upadhyay 07/21/2025

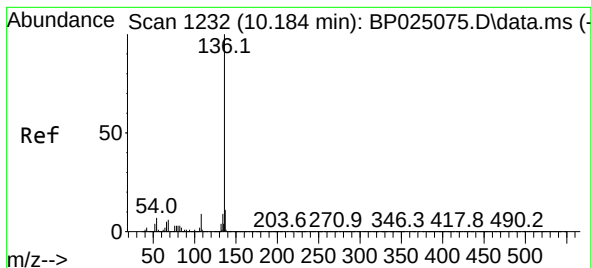


#20
3+4-Methylphenols
Concen: 44.551 ng
RT: 8.208 min Scan# 896
Delta R.T. 0.012 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33



Tgt Ion:107 Resp: 2160042
Ion Ratio Lower Upper
107 100
108 87.3 69.5 109.5
77 30.2 11.4 51.4
79 25.0 6.9 46.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.190 min Scan# 1233
Delta R.T. 0.006 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Instrument :

BNA_P

ClientSampleId :

CHRT-26899MSD

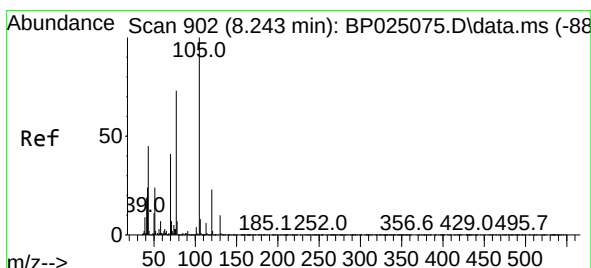
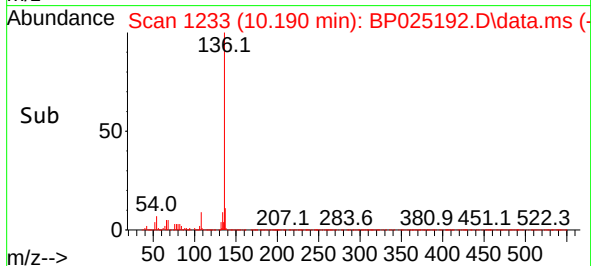
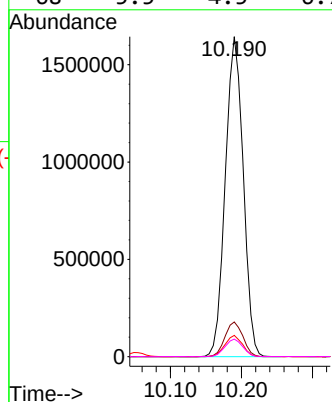
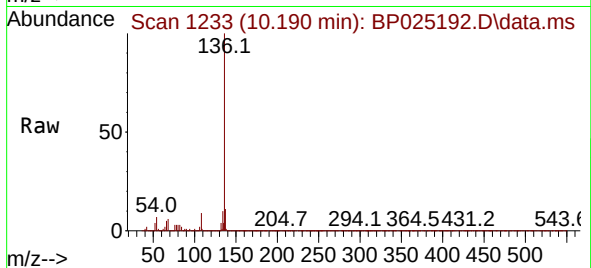
Tgt Ion:136 Resp: 287535
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 6.6 5.4 8.2
68 5.5 4.5 6.7

Manual Integrations

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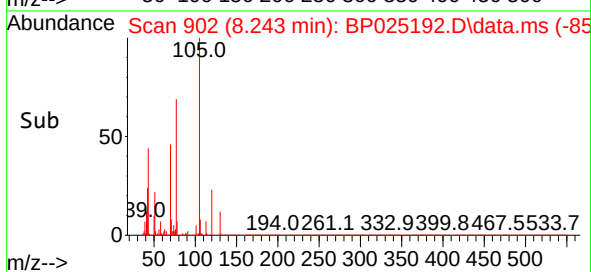
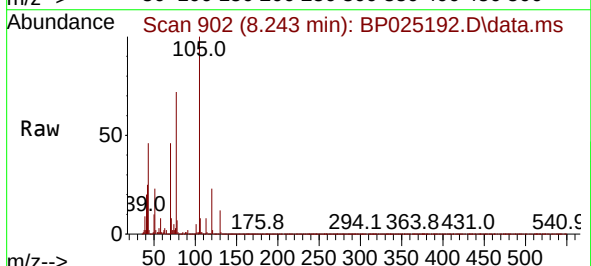
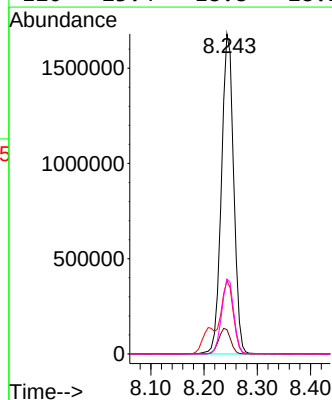
Reviewed By :Rahul Chavli 07/21/2025

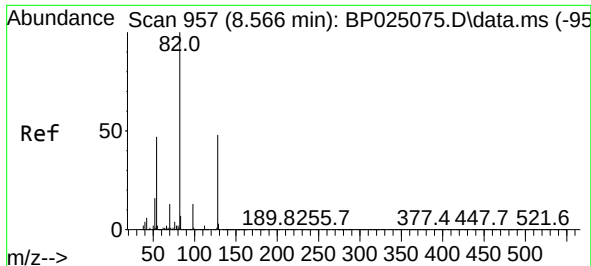
Supervised By :Jagrut Upadhyay 07/21/2025



#22
Acetophenone
Concen: 39.341 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:105 Resp: 2675246
Ion Ratio Lower Upper
105 100
71 7.6 5.4 8.2
51 22.9 19.6 29.4
120 23.4 18.8 28.2





#23
Nitrobenzene-d5
Concen: 59.777 ng
RT: 8.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Instrument :

BNA_P

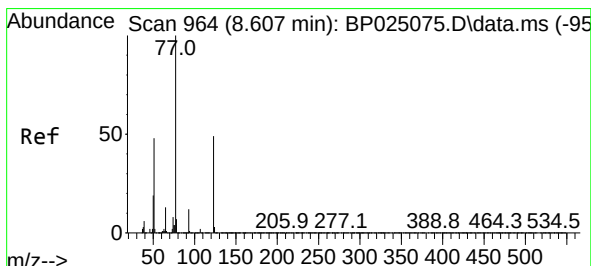
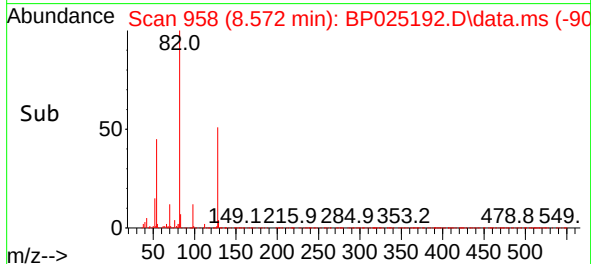
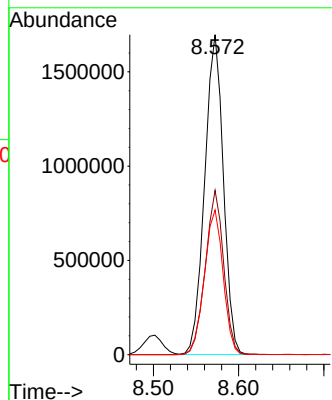
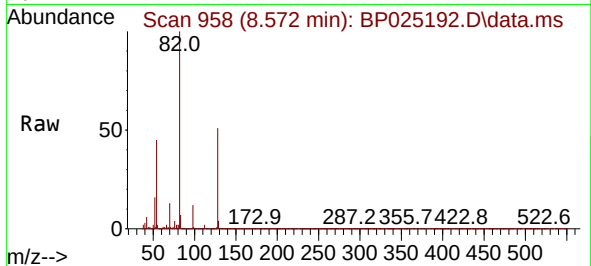
ClientSampleId :

CHRT-26899MSD

Tgt Ion: 82 Resp: 258446
Ion Ratio Lower Upper
82 100
128 51.3 38.4 57.6
54 45.2 37.8 56.6

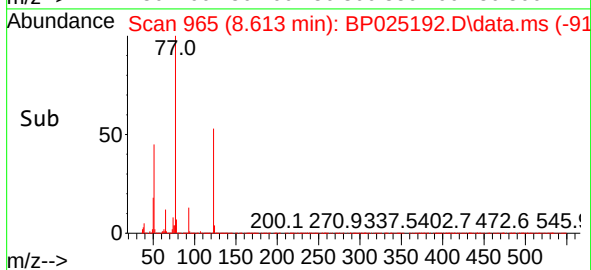
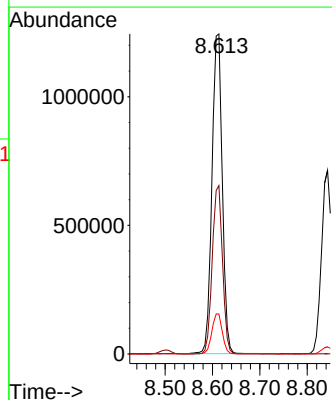
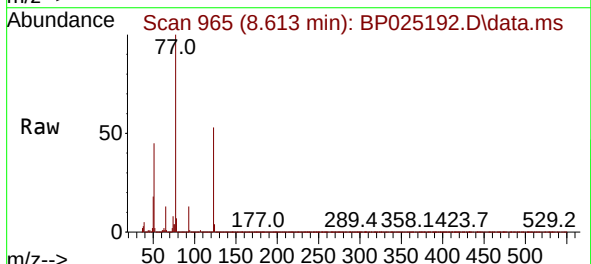
Manual Integrations
APPROVED

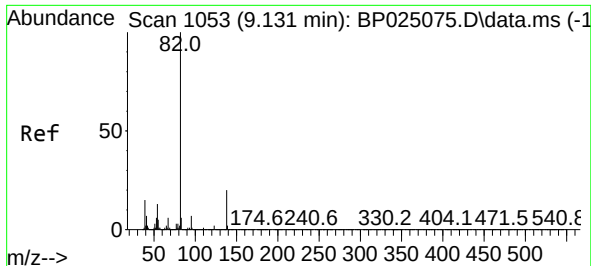
Reviewed By :Rahul Chavli 07/21/2025
Supervised By :Jagrut Upadhyay 07/21/2025



#24
Nitrobenzene
Concen: 42.692 ng
RT: 8.613 min Scan# 965
Delta R.T. 0.006 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

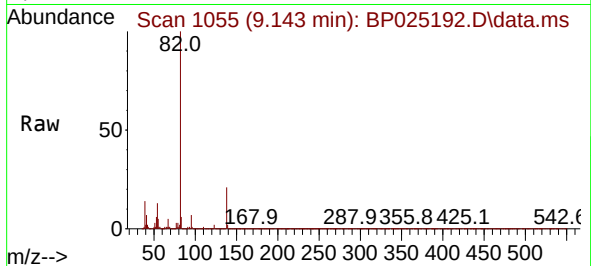
Tgt Ion: 77 Resp: 1880097
Ion Ratio Lower Upper
77 100
123 52.6 39.0 58.6
65 12.5 10.7 16.1





#25
Isophorone
Concen: 44.129 ng
RT: 9.143 min Scan# 1055
Delta R.T. 0.012 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

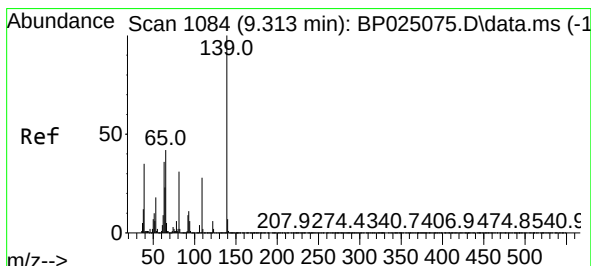
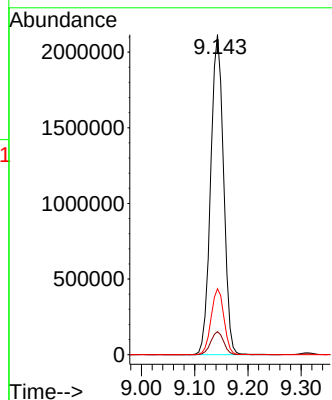
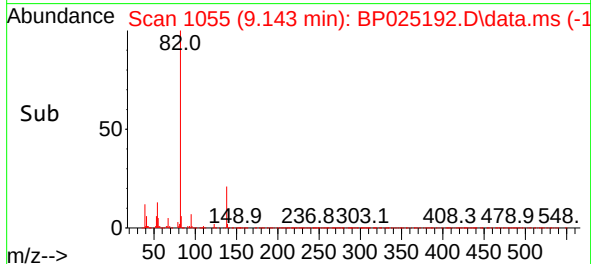
Instrument :
BNA_P
ClientSampleId :
CHRT-26899MSD



Tgt Ion: 82 Resp: 3565539
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.6
138 20.6 15.7 23.5

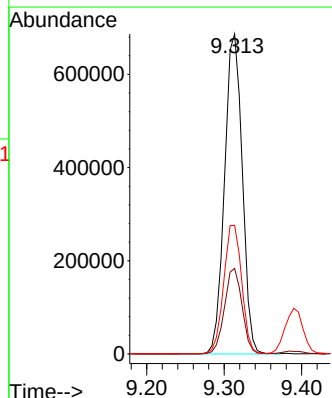
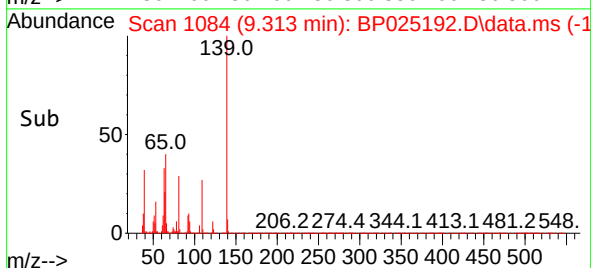
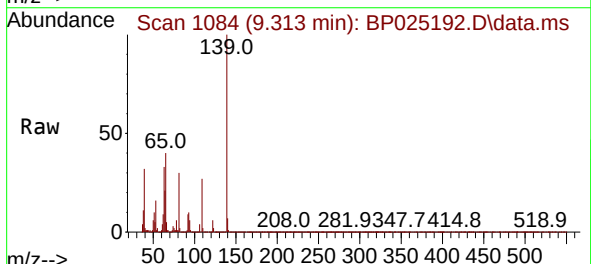
Manual Integrations
APPROVED

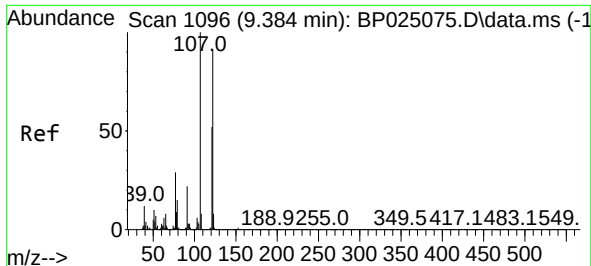
Reviewed By :Rahul Chavli 07/21/2025
Supervised By :Jagrut Upadhyay 07/21/2025



#26
2-Nitrophenol
Concen: 50.908 ng
RT: 9.313 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:139 Resp: 1092514
Ion Ratio Lower Upper
139 100
109 26.8 22.3 33.5
65 40.2 33.8 50.8





#27

2,4-Dimethylphenol

Concen: 61.254 ng

RT: 9.390 min Scan# 1096

Delta R.T. 0.006 min

Lab File: BP025192.D

Acq: 18 Jul 2025 14:33

Instrument :

BNA_P

ClientSampleId :

CHRT-26899MSD

Tgt Ion:122 Resp: 184620

Ion Ratio Lower Upper

122 100

107 108.9 88.2 132.2

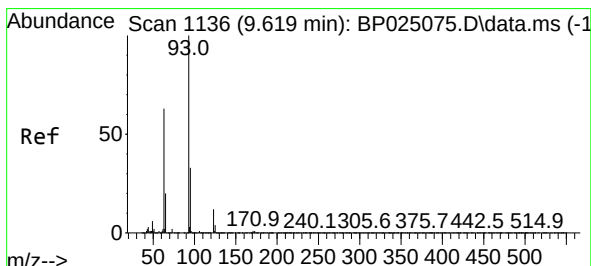
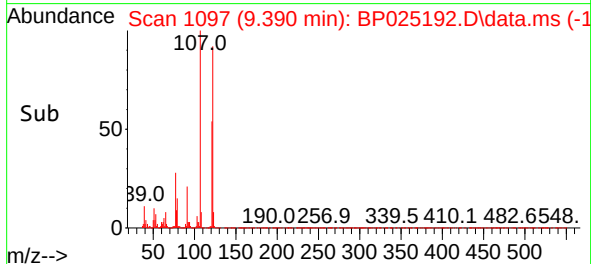
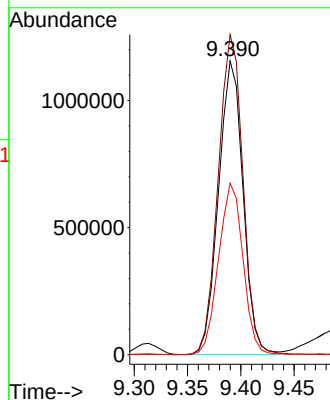
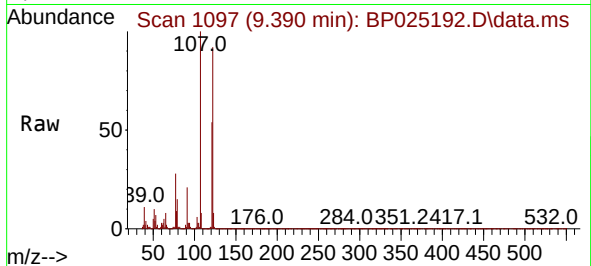
121 58.3 46.1 69.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/21/2025

Supervised By :Jagrut Upadhyay 07/21/2025



#28

bis(2-Chloroethoxy)methane

Concen: 41.345 ng

RT: 9.619 min Scan# 1136

Delta R.T. 0.000 min

Lab File: BP025192.D

Acq: 18 Jul 2025 14:33

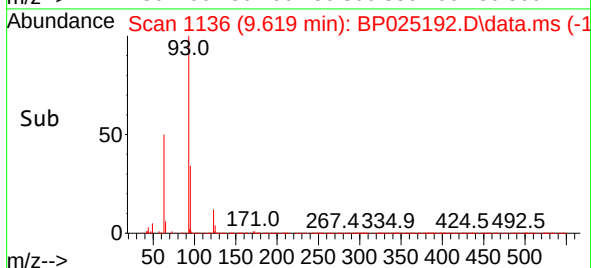
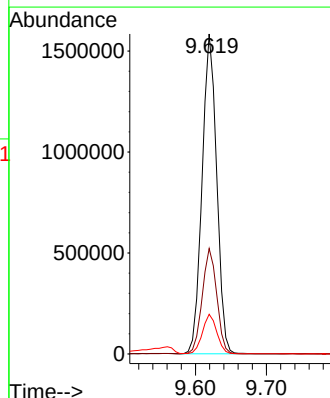
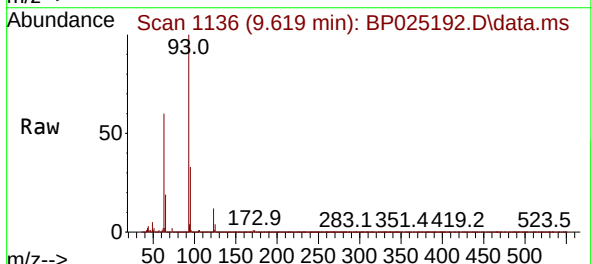
Tgt Ion: 93 Resp: 2268251

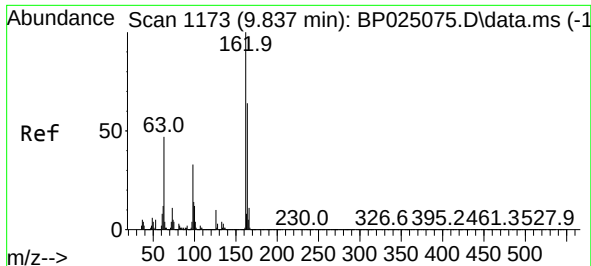
Ion Ratio Lower Upper

93 100

95 32.9 26.4 39.6

123 12.4 10.1 15.1





#29
2,4-Dichlorophenol
Concen: 47.336 ng
RT: 9.849 min Scan# 1175
Delta R.T. 0.012 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Instrument :

BNA_P

ClientSampleId :

CHRT-26899MSD

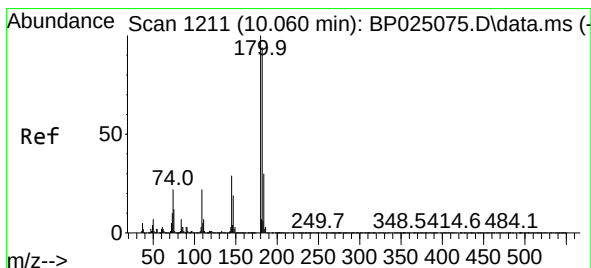
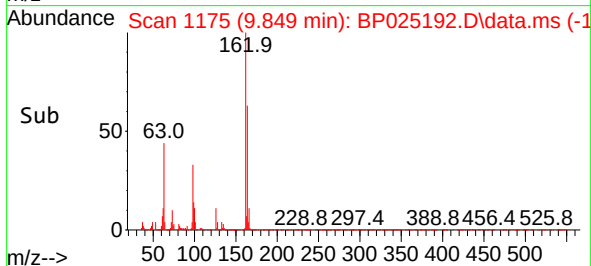
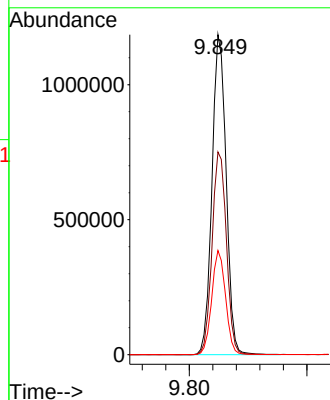
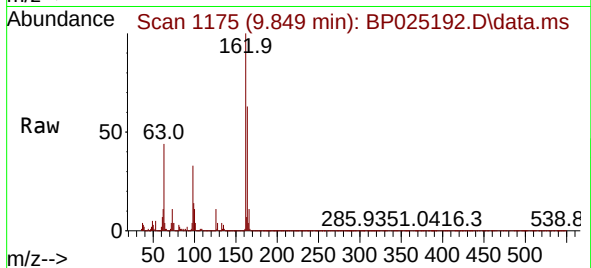
Tgt Ion:162 Resp: 1978308
Ion Ratio Lower Upper
162 100
164 63.4 44.1 84.1
98 32.6 13.1 53.1

Manual Integrations

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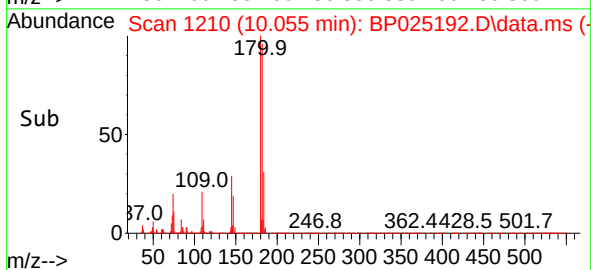
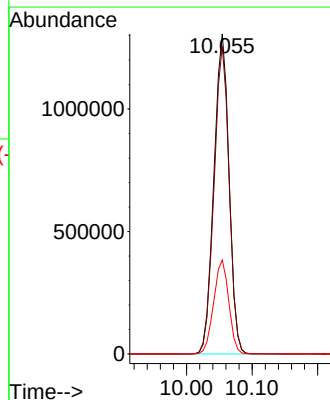
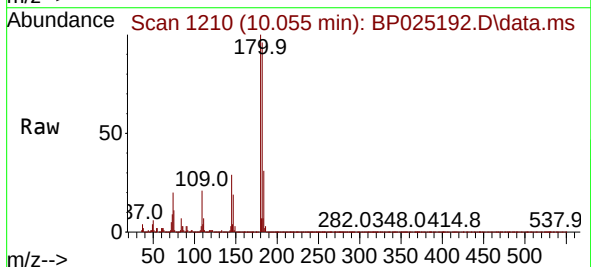
Reviewed By :Rahul Chavli 07/21/2025

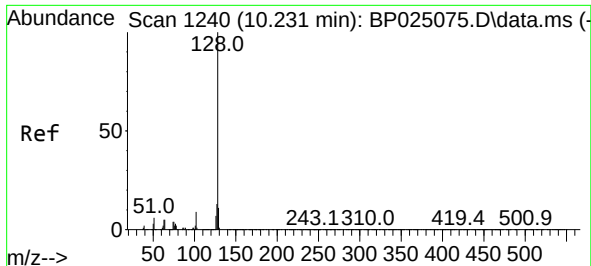
Supervised By :Jagrut Upadhyay 07/21/2025



#30
1,2,4-Trichlorobenzene
Concen: 45.153 ng
RT: 10.055 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

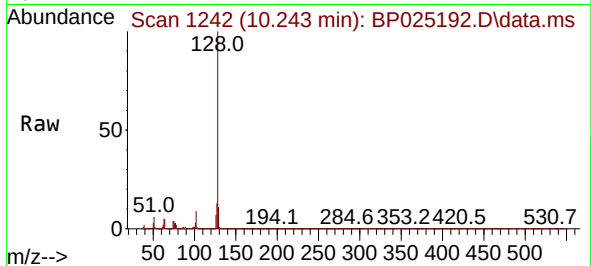
Tgt Ion:180 Resp: 2089765
Ion Ratio Lower Upper
180 100
182 96.2 75.1 112.7
145 29.4 23.3 34.9





#31
Naphthalene
Concen: 41.322 ng
RT: 10.243 min Scan# 11243
Delta R.T. 0.012 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

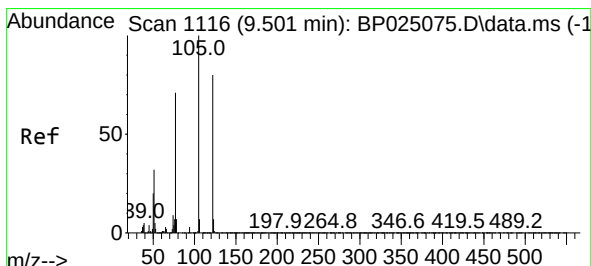
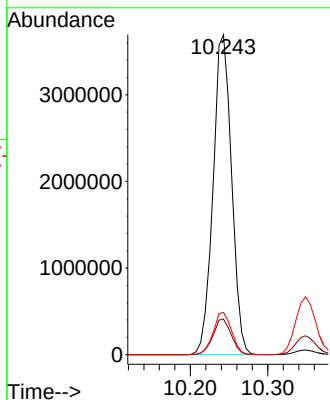
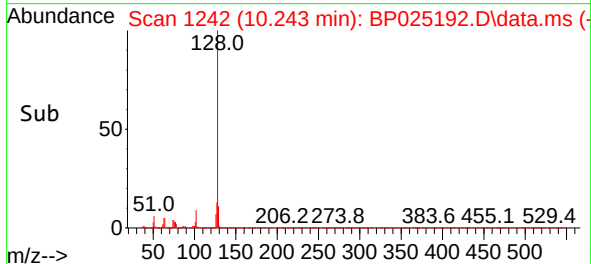
Instrument :
BNA_P
ClientSampleId :
CHRT-26899MSD



Tgt Ion:128 Resp: 6118039
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.2 10.4 15.6

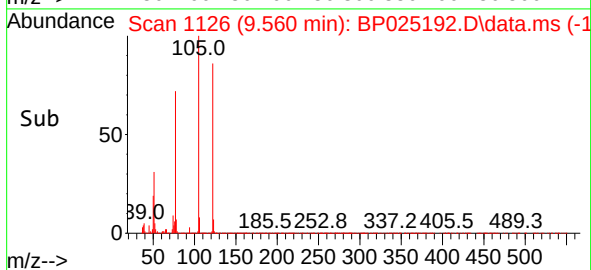
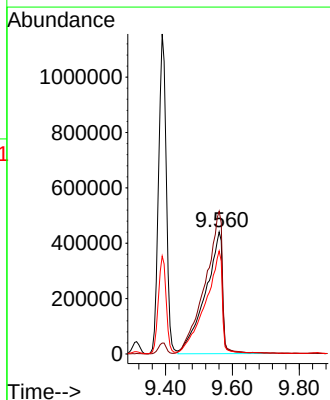
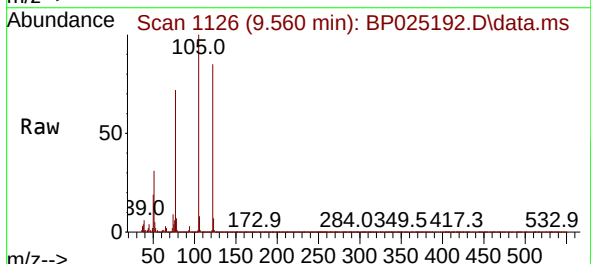
Manual Integrations
APPROVED

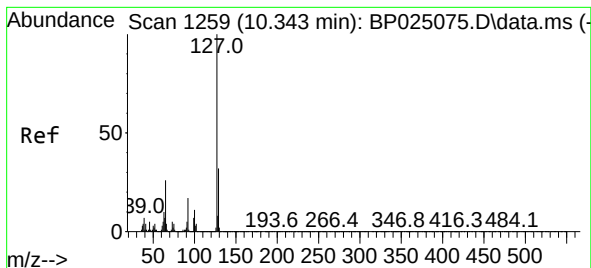
Reviewed By :Rahul Chavli 07/21/2025
Supervised By :Jagrut Upadhyay 07/21/2025



#32
Benzoic acid
Concen: 51.506 ng
RT: 9.560 min Scan# 1126
Delta R.T. 0.059 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:122 Resp: 1566557
Ion Ratio Lower Upper
122 100
105 117.0 101.0 141.0
77 84.4 67.6 107.6





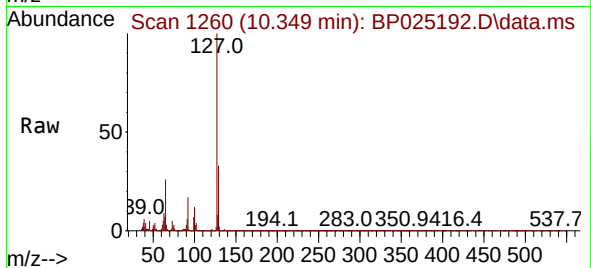
#33
4-Chloroaniline
Concen: 22.604 ng
RT: 10.349 min Scan# 1259
Delta R.T. 0.006 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Instrument :

BNP_P

ClientSampleId :

CHRT-26899MSD



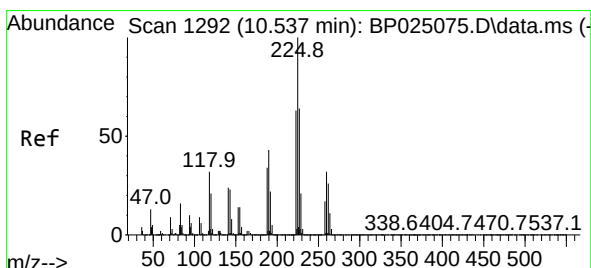
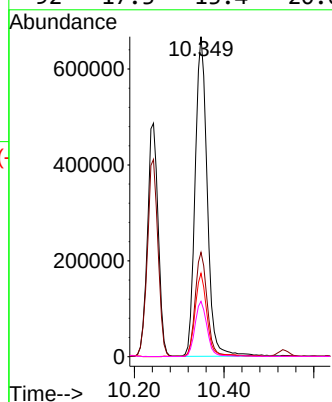
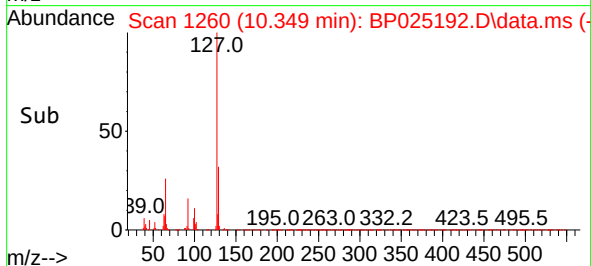
Tgt Ion:127 Resp: 1248930
Ion Ratio Lower Upper
127 100
129 32.6 25.4 38.2
65 26.1 21.0 31.6
92 17.3 13.4 20.0

Manual Integrations

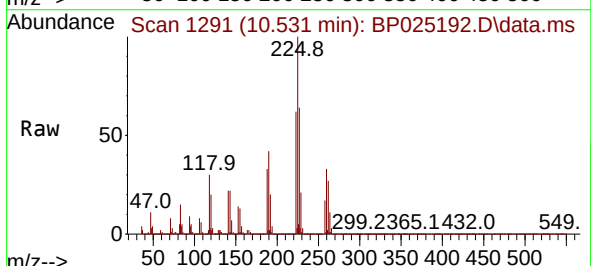
APPROVED

Reviewed By :Rahul Chavli 07/21/2025

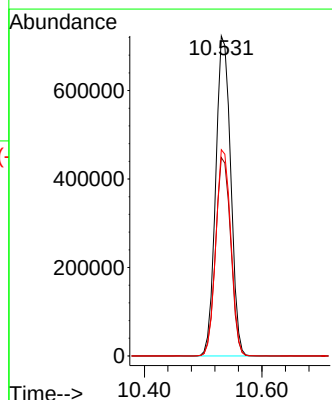
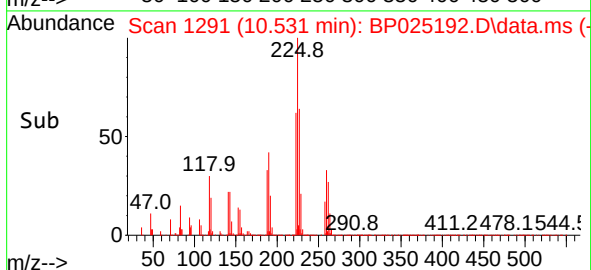
Supervised By :Jagrut Upadhyay 07/21/2025

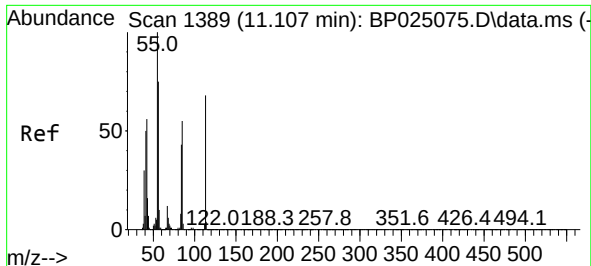


#34
Hexachlorobutadiene
Concen: 48.169 ng
RT: 10.531 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33



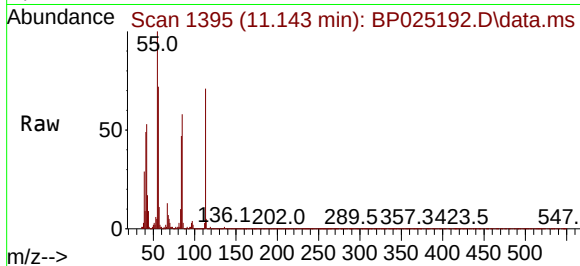
Tgt Ion:225 Resp: 1279328
Ion Ratio Lower Upper
225 100
223 62.0 50.3 75.5
227 64.4 51.3 76.9





#35
Caprolactam
Concen: 42.085 ng m
RT: 11.143 min Scan# 11
Delta R.T. 0.035 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

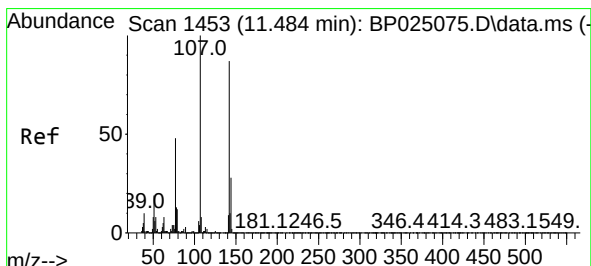
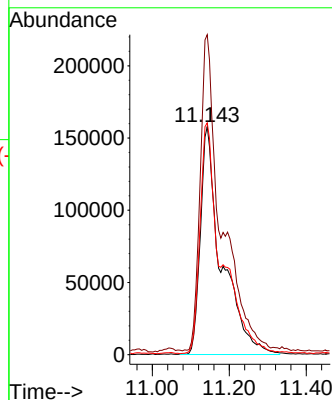
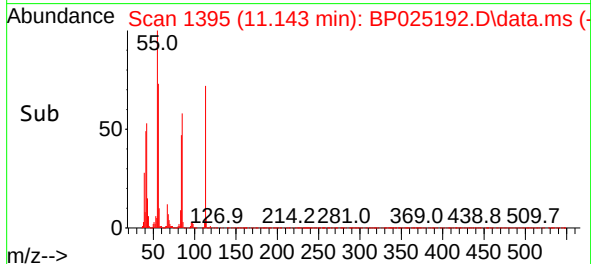
Instrument :
BNA_P
ClientSampleId :
CHRT-26899MSD



Tgt Ion:113 Resp: 601704
Ion Ratio Lower Upper
113 100
55 140.4 128.1 168.1
56 101.7 90.7 130.7

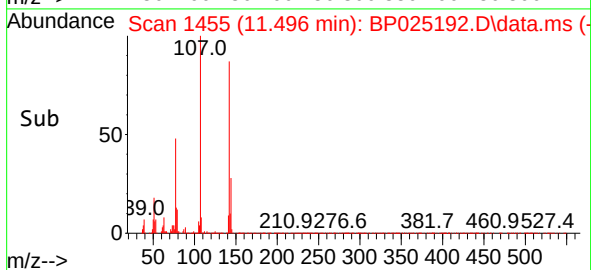
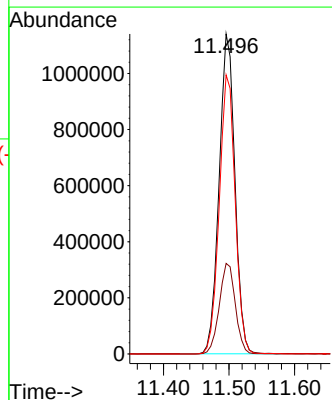
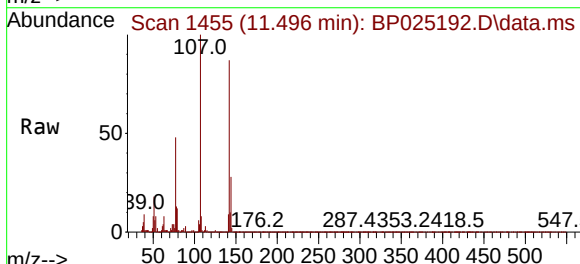
Manual Integrations
APPROVED

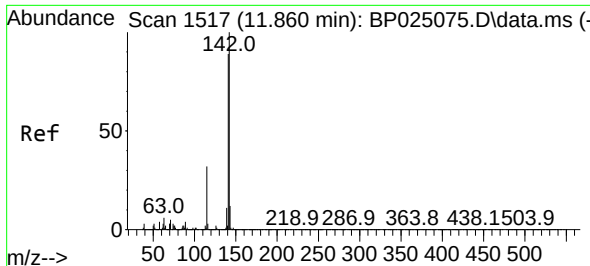
Reviewed By :Rahul Chavli 07/21/2025
Supervised By :Jagrut Upadhyay 07/21/2025



#36
4-Chloro-3-methylphenol
Concen: 43.440 ng
RT: 11.496 min Scan# 1455
Delta R.T. 0.012 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:107 Resp: 1897199
Ion Ratio Lower Upper
107 100
144 28.3 22.4 33.6
142 87.2 69.6 104.4





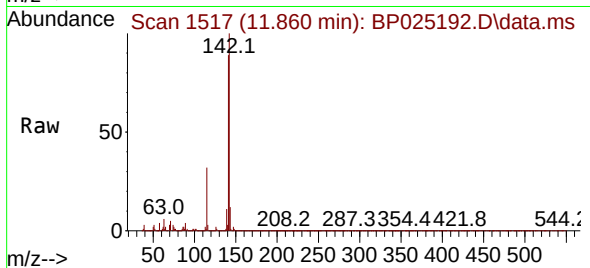
#37
2-Methylnaphthalene
Concen: 37.677 ng
RT: 11.860 min Scan# 1517
Delta R.T. 0.000 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Instrument :

BNA_P

ClientSampleId :

CHRT-26899MSD



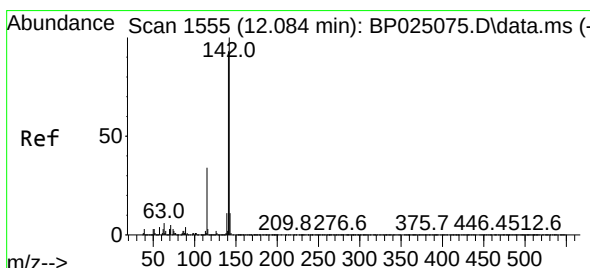
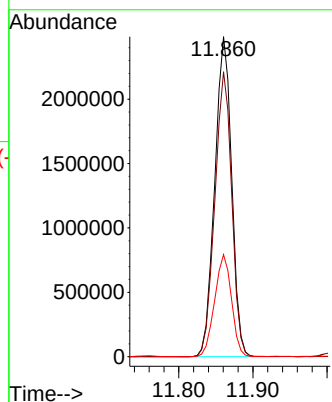
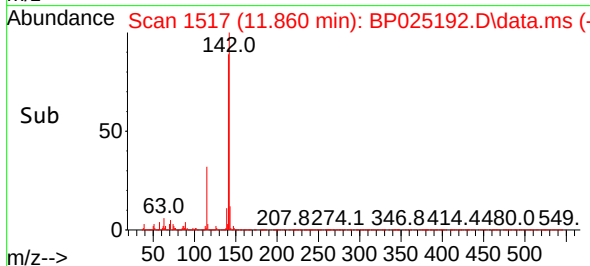
Tgt Ion:142 Resp: 393592
Ion Ratio Lower Upper
142 100
141 89.1 71.2 106.8
115 31.9 25.9 38.9

Manual Integrations

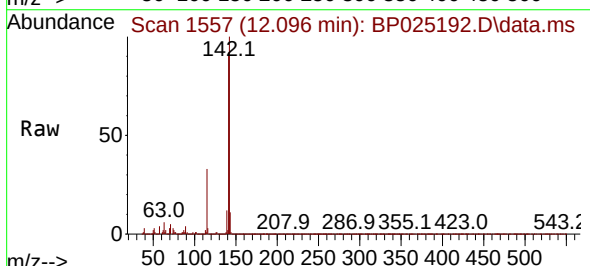
APPROVED

Reviewed By :Rahul Chavli 07/21/2025

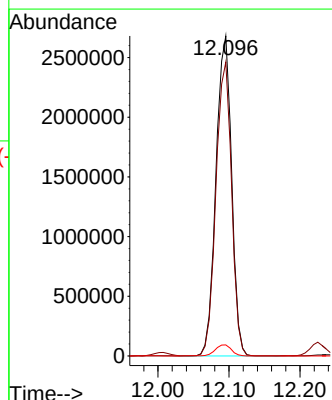
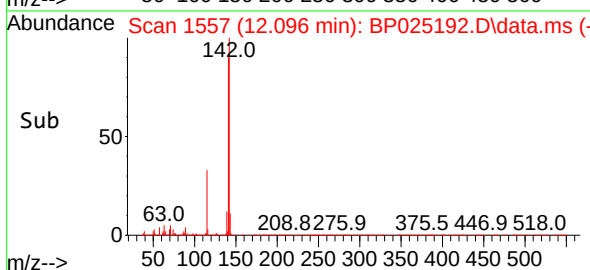
Supervised By :Jagrut Upadhyay 07/21/2025

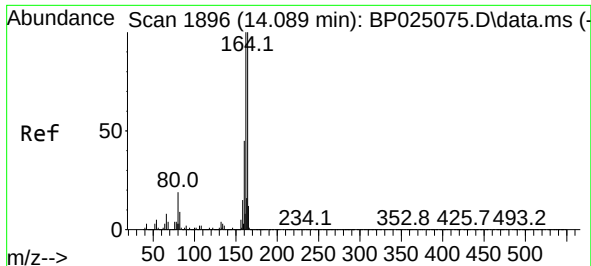


#38
1-Methylnaphthalene
Concen: 40.044 ng
RT: 12.096 min Scan# 1557
Delta R.T. 0.012 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33



Tgt Ion:142 Resp: 4079783
Ion Ratio Lower Upper
142 100
141 91.8 74.1 111.1
116 3.4 2.7 4.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.095 min Scan# 1896
Delta R.T. 0.006 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Instrument :

BNA_P

ClientSampleId :

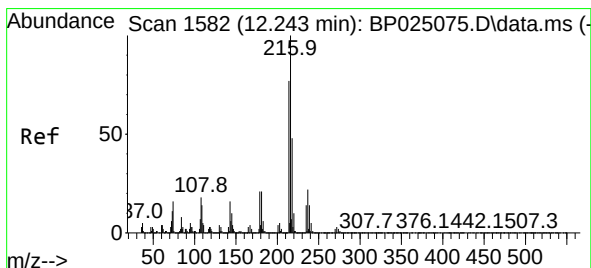
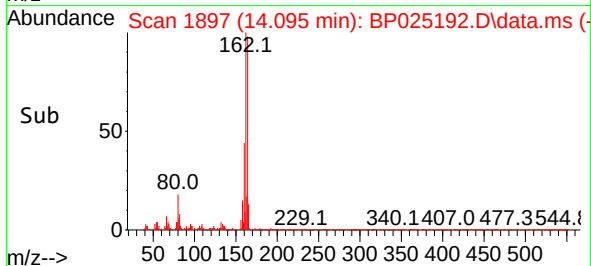
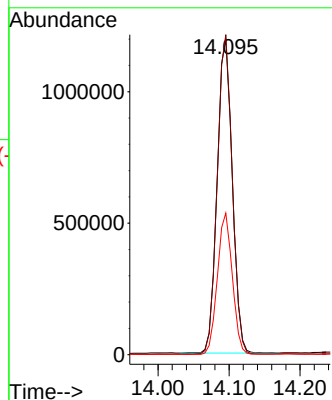
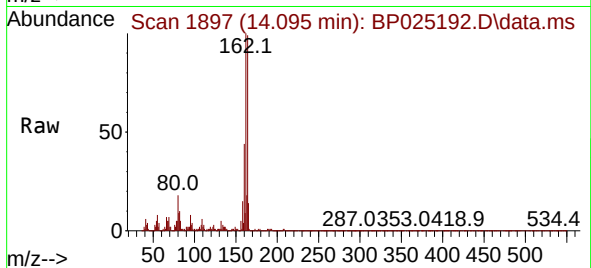
CHRT-26899MSD

Tgt Ion:164 Resp: 1762354
Ion Ratio Lower Upper
164 100
162 101.4 80.3 120.5
160 44.9 35.9 53.9

Manual Integrations

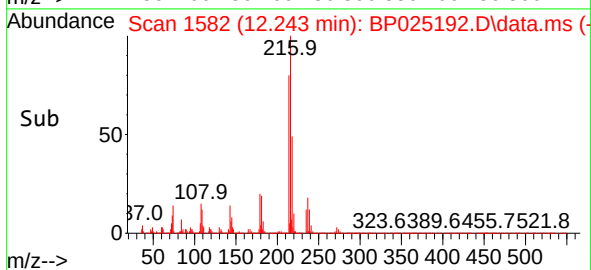
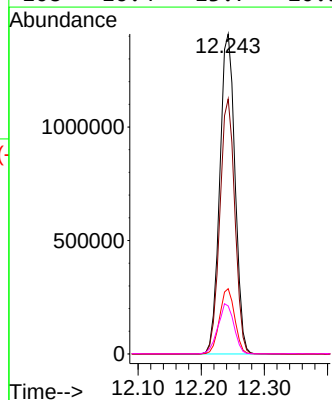
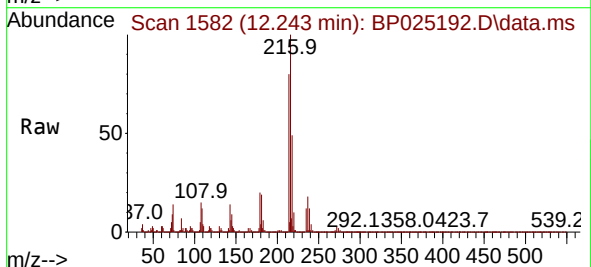
APPROVED

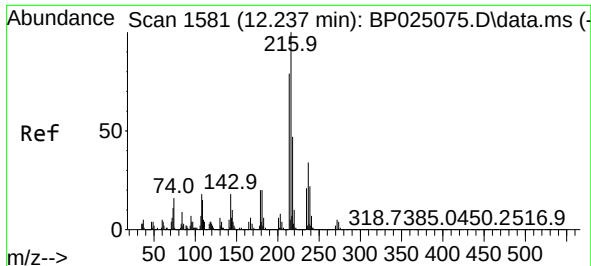
Reviewed By :Rahul Chavli 07/21/2025
Supervised By :Jagrut Upadhyay 07/21/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.625 ng
RT: 12.243 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

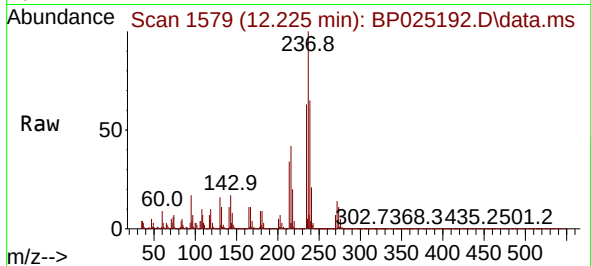
Tgt Ion:216 Resp: 2361542
Ion Ratio Lower Upper
216 100
214 78.5 62.4 93.6
179 20.2 16.5 24.7
108 16.4 13.7 20.5





#41
Hexachlorocyclopentadiene
Concen: 115.832 ng
RT: 12.225 min Scan# 1579
Delta R.T. -0.012 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

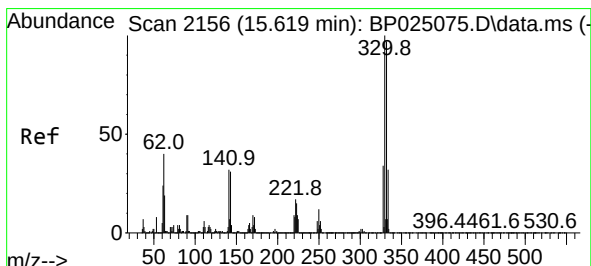
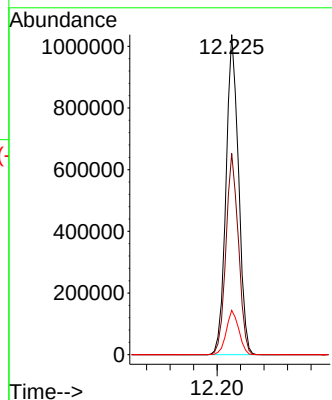
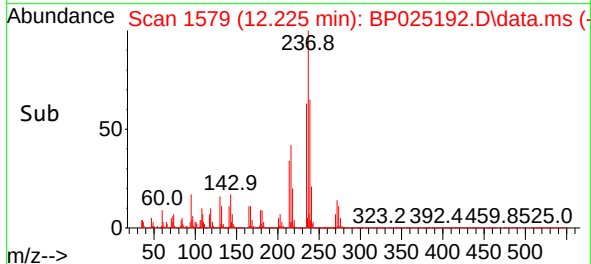
Instrument :
BNA_P
ClientSampleId :
CHRT-26899MSD



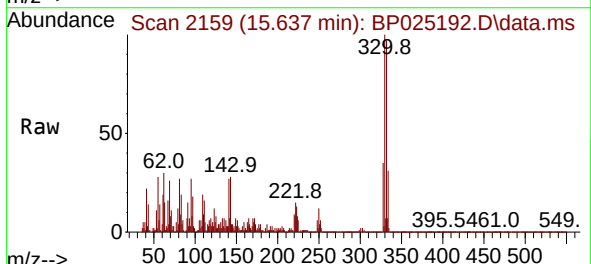
Tgt Ion: 237 Resp: 153245
Ion Ratio Lower Upper
237 100
235 62.9 41.6 81.6
272 13.8 0.0 33.6

Manual Integrations
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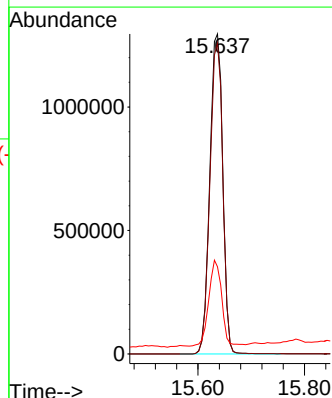
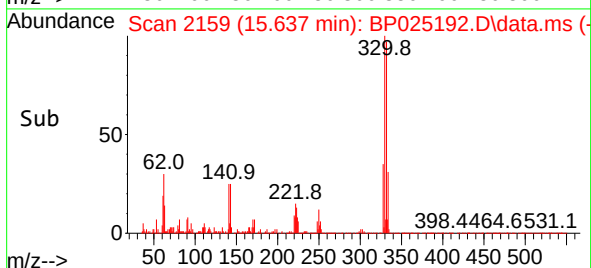
Reviewed By :Rahul Chavli 07/21/2025
Supervised By :Jagrut Upadhyay 07/21/2025

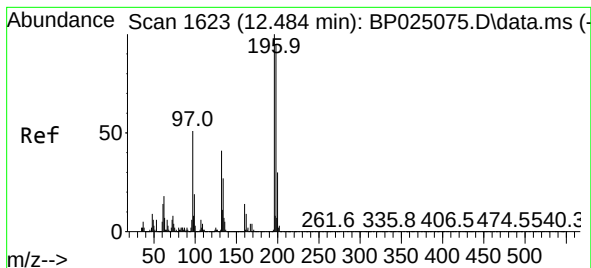


#42
2,4,6-Tribromophenol
Concen: 104.905 ng
RT: 15.637 min Scan# 2159
Delta R.T. 0.018 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33



Tgt Ion: 330 Resp: 2184054
Ion Ratio Lower Upper
330 100
332 96.7 77.7 116.5
141 26.9 26.0 39.0





#43

2,4,6-Trichlorophenol

Concen: 52.744 ng

RT: 12.496 min Scan# 1625

Delta R.T. 0.012 min

Lab File: BP025192.D

Acq: 18 Jul 2025 14:33

Instrument :

BNA_P

ClientSampleId :

CHRT-26899MSD

Tgt Ion:196 Resp: 161763

Ion Ratio Lower Upper

196 100

198 96.3 76.2 114.2

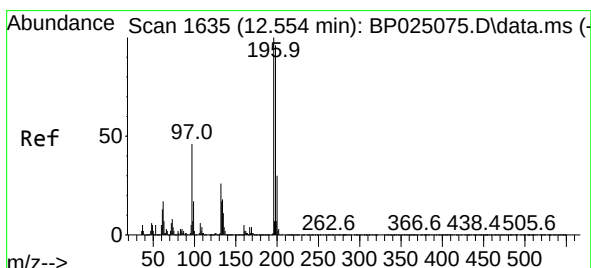
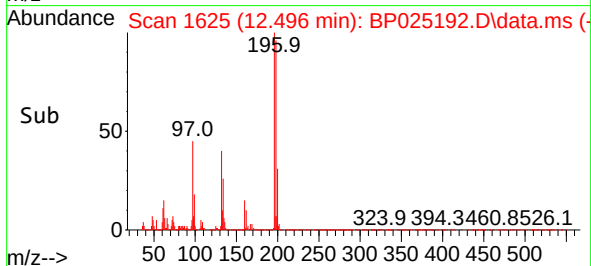
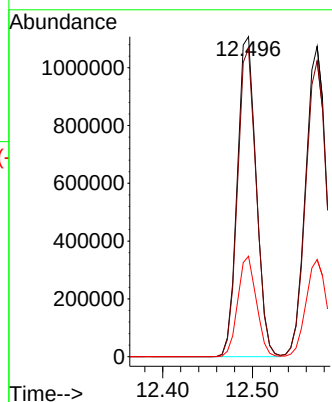
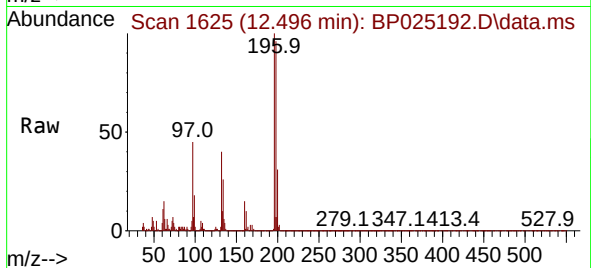
200 31.4 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/21/2025

Supervised By :Jagrut Upadhyay 07/21/2025



#44

2,4,5-Trichlorophenol

Concen: 50.095 ng

RT: 12.572 min Scan# 1638

Delta R.T. 0.018 min

Lab File: BP025192.D

Acq: 18 Jul 2025 14:33

Tgt Ion:196 Resp: 1741173

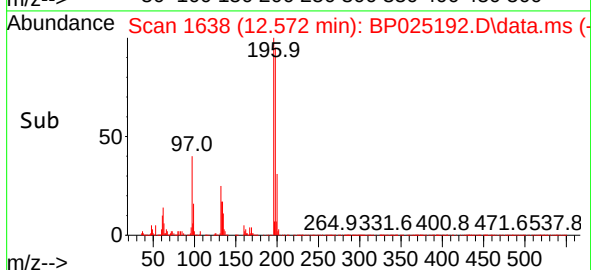
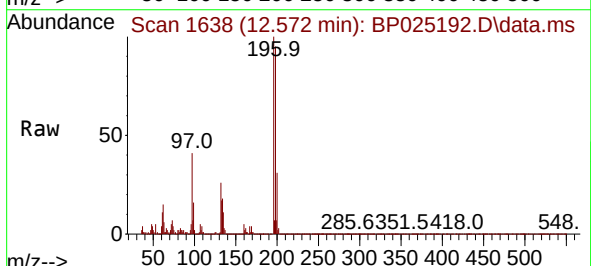
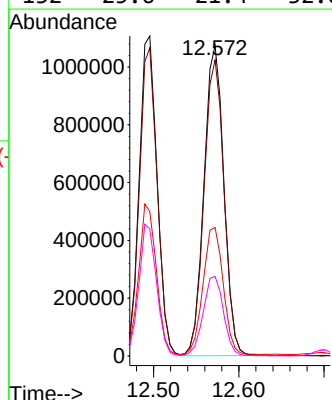
Ion Ratio Lower Upper

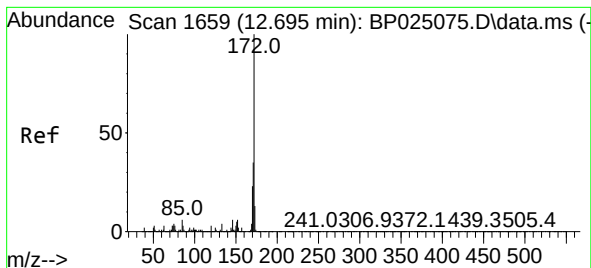
196 100

198 95.4 76.6 115.0

97 41.4 36.6 55.0

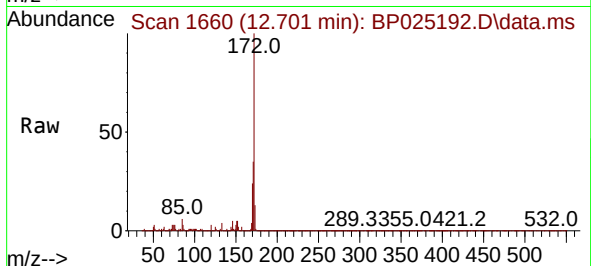
132 25.6 21.4 32.0





#45
2-Fluorobiphenyl
Concen: 60.625 ng
RT: 12.701 min Scan# 1660
Delta R.T. 0.006 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

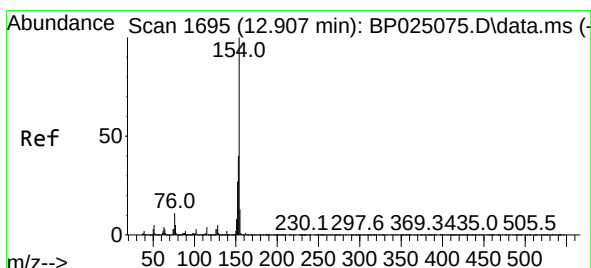
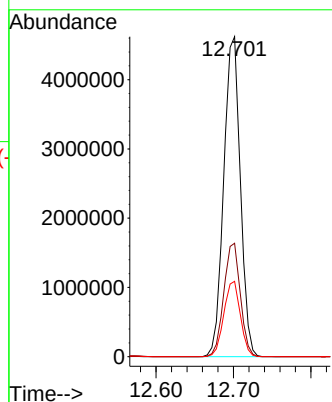
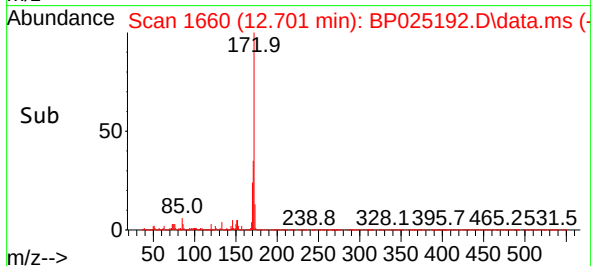
Instrument :
BNA_P
ClientSampleId :
CHRT-26899MSD



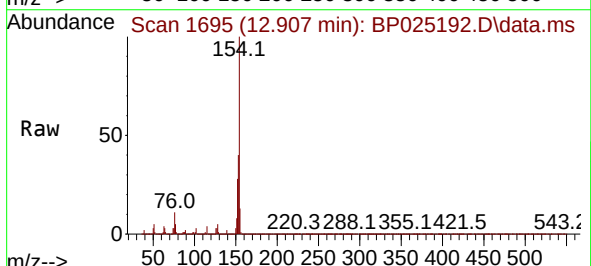
Tgt Ion:172 Resp: 6896810
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.5 18.7 28.1

Manual Integrations
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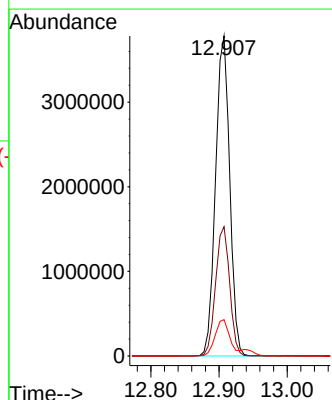
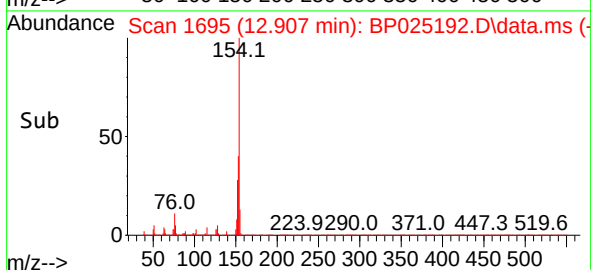
Reviewed By :Rahul Chavli 07/21/2025
Supervised By :Jagrut Upadhyay 07/21/2025

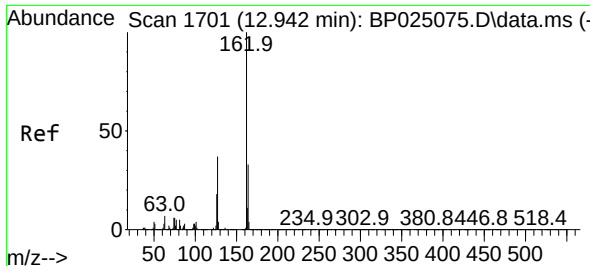


#46
1,1'-Biphenyl
Concen: 42.534 ng
RT: 12.907 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33



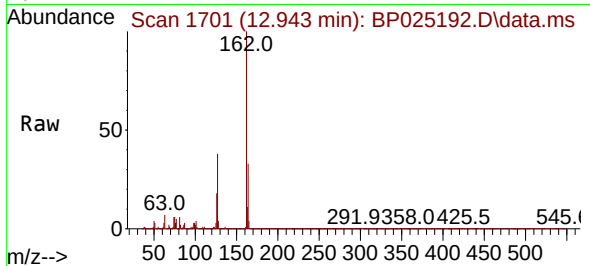
Tgt Ion:154 Resp: 5453993
Ion Ratio Lower Upper
154 100
153 40.4 20.2 60.2
76 11.4 0.0 31.5





#47
2-Chloronaphthalene
Concen: 44.415 ng
RT: 12.943 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

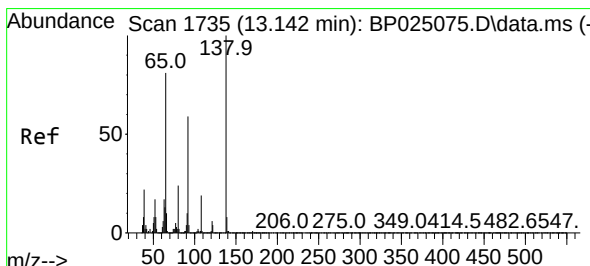
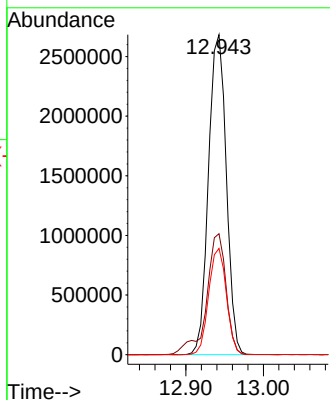
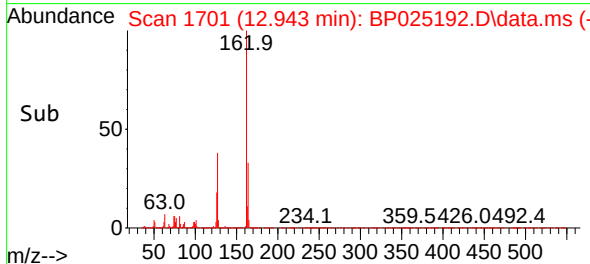
Instrument :
BNA_P
ClientSampleId :
CHRT-26899MSD



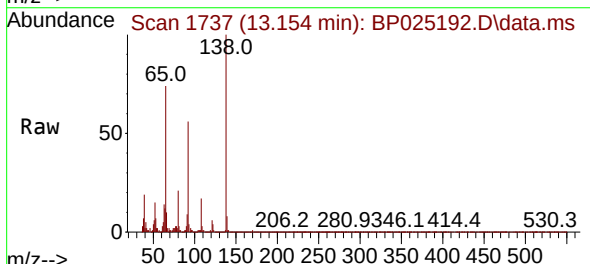
Tgt Ion: 162 Resp: 4280520
Ion Ratio Lower Upper
162 100
127 37.8 29.4 44.2
164 33.2 26.4 39.6

Manual Integrations
APPROVED

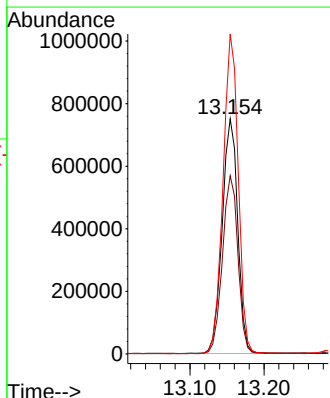
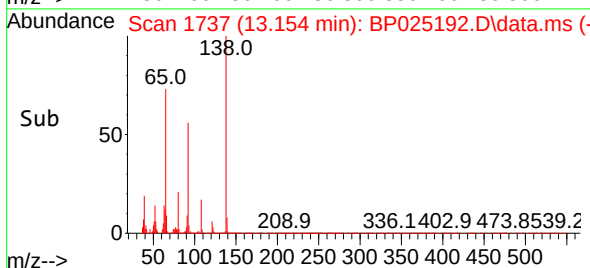
Reviewed By :Rahul Chavli 07/21/2025
Supervised By :Jagrut Upadhyay 07/21/2025

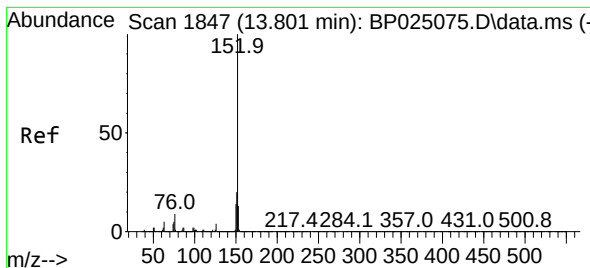


#48
2-Nitroaniline
Concen: 46.416 ng
RT: 13.154 min Scan# 1737
Delta R.T. 0.012 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33



Tgt Ion: 65 Resp: 1093525
Ion Ratio Lower Upper
65 100
92 75.8 58.7 88.1
138 136.0 99.0 148.4





#49

Acenaphthylene

Concen: 46.287 ng

RT: 13.813 min Scan# 1849

Delta R.T. 0.012 min

Lab File: BP025192.D

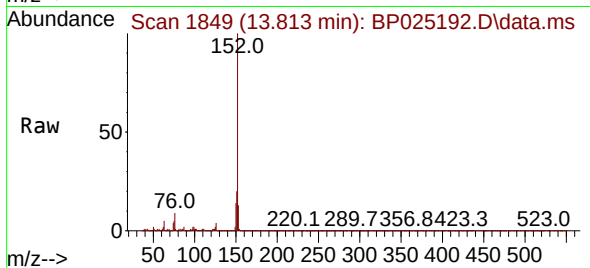
Acq: 18 Jul 2025 14:33

Instrument :

BNA_P

ClientSampleId :

CHRT-26899MSD



Tgt Ion:152 Resp: 6827598

Ion Ratio Lower Upper

152 100

151 20.3 16.1 24.1

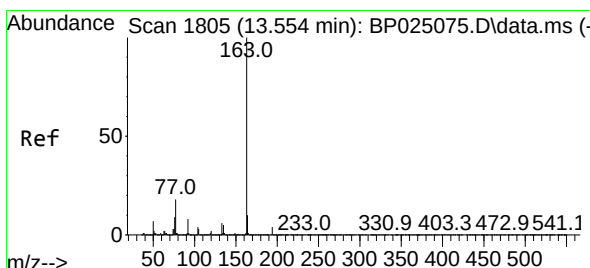
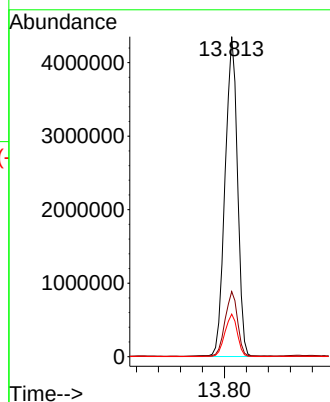
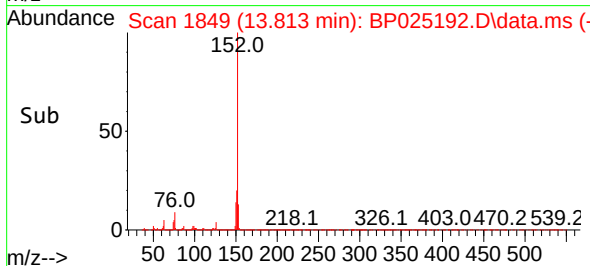
153 13.3 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/21/2025

Supervised By :Jagrut Upadhyay 07/21/2025



#50

Dimethylphthalate

Concen: 41.042 ng

RT: 13.566 min Scan# 1807

Delta R.T. 0.012 min

Lab File: BP025192.D

Acq: 18 Jul 2025 14:33

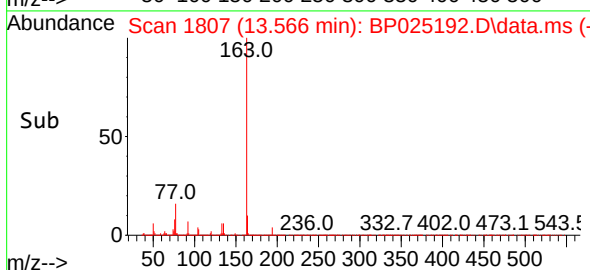
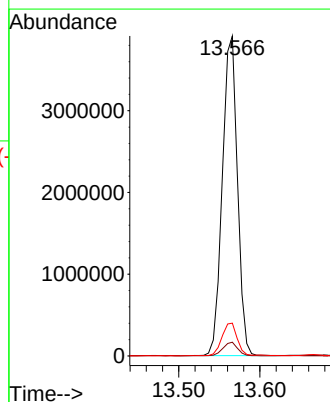
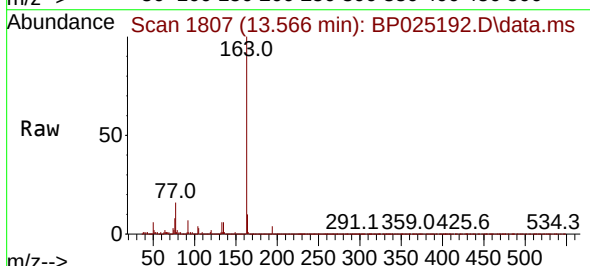
Tgt Ion:163 Resp: 5063196

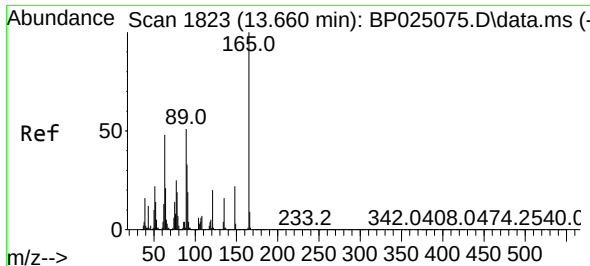
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

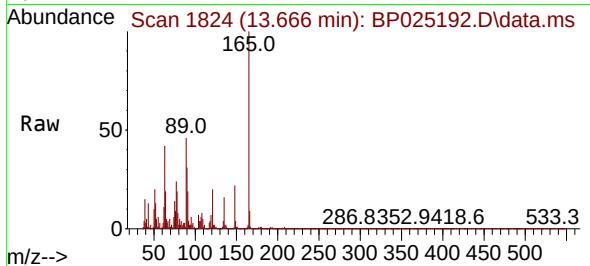
164 10.3 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 49.554 ng
RT: 13.666 min Scan# 1823
Delta R.T. 0.006 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

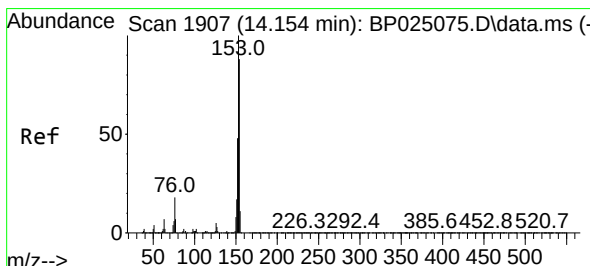
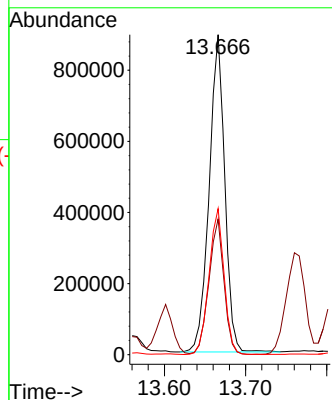
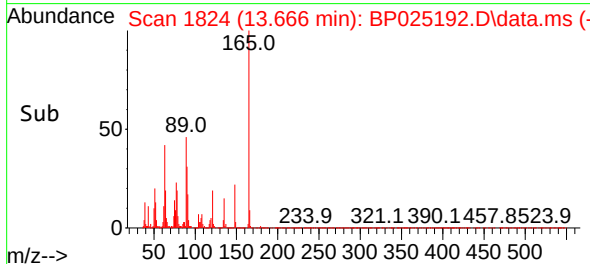
Instrument :
BNA_P
ClientSampleId :
CHRT-26899MSD



Tgt Ion:165 Resp: 119227
Ion Ratio Lower Upper
165 100
63 42.4 38.5 57.7
89 45.7 40.6 61.0

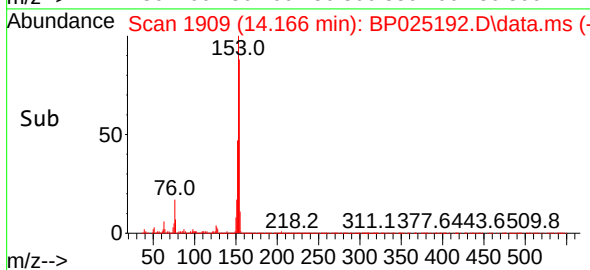
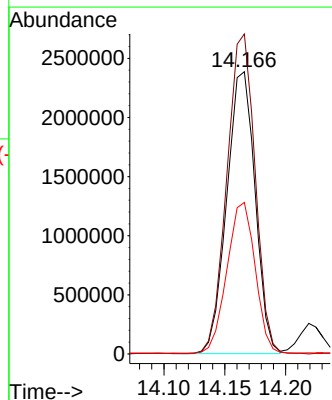
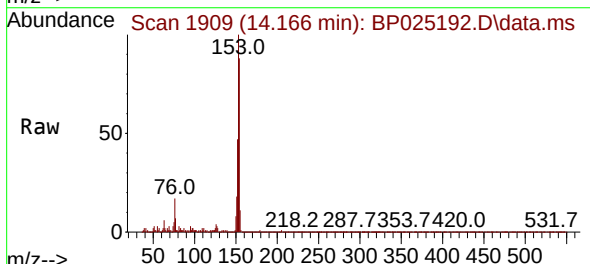
Manual Integrations
APPROVED

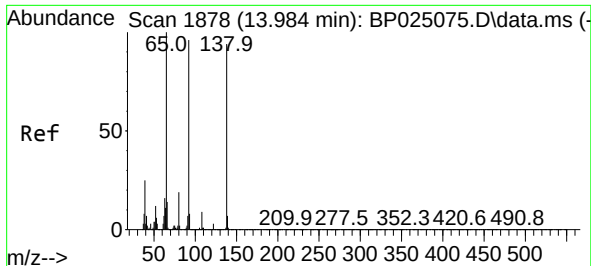
Reviewed By :Rahul Chavli 07/21/2025
Supervised By :Jagrut Upadhyay 07/21/2025



#52
Acenaphthene
Concen: 40.650 ng
RT: 14.166 min Scan# 1909
Delta R.T. 0.012 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

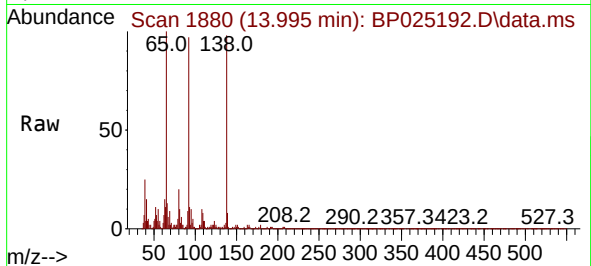
Tgt Ion:154 Resp: 3864705
Ion Ratio Lower Upper
154 100
153 113.4 90.6 136.0
152 53.7 43.8 65.8





#53
3-Nitroaniline
Concen: 39.472 ng
RT: 13.995 min Scan# 1880
Delta R.T. 0.012 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

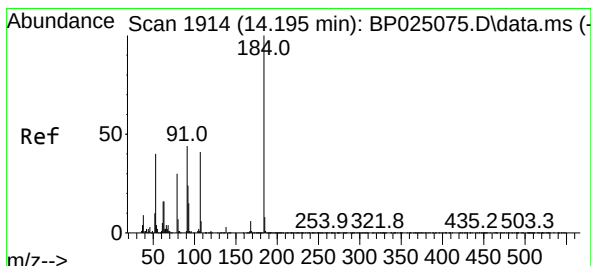
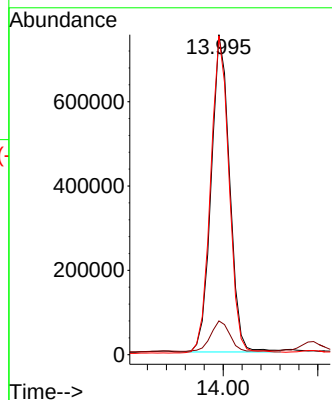
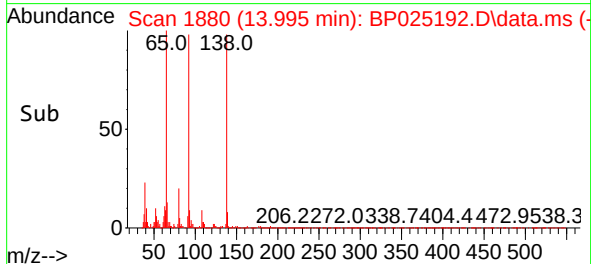
Instrument :
BNA_P
ClientSampleId :
CHRT-26899MSD



Tgt Ion:138 Resp: 101778
Ion Ratio Lower Upper
138 100
108 10.6 7.8 11.8
92 99.7 81.0 121.4

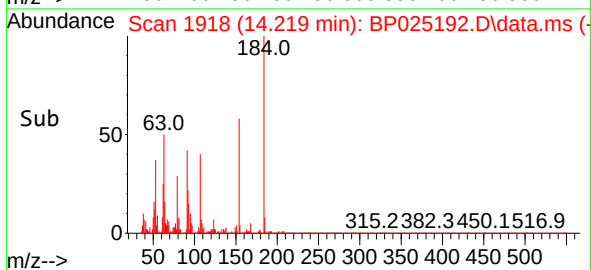
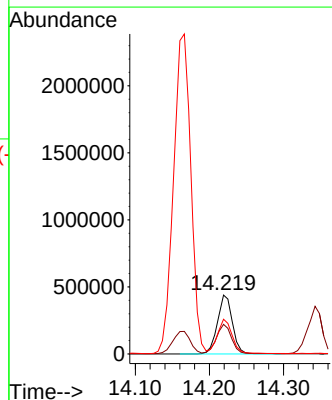
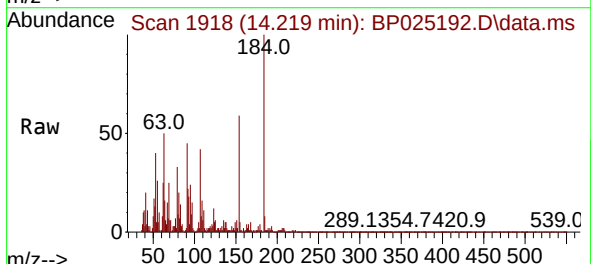
Manual Integrations
APPROVED

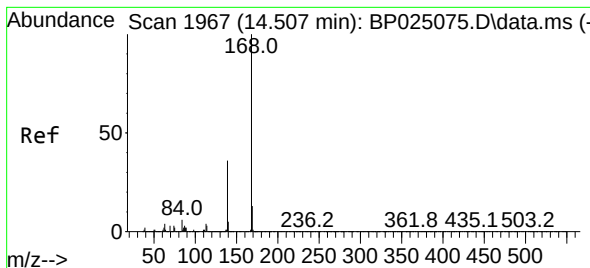
Reviewed By :Rahul Chavli 07/21/2025
Supervised By :Jagrut Upadhyay 07/21/2025



#54
2,4-Dinitrophenol
Concen: 54.176 ng
RT: 14.219 min Scan# 1918
Delta R.T. 0.024 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

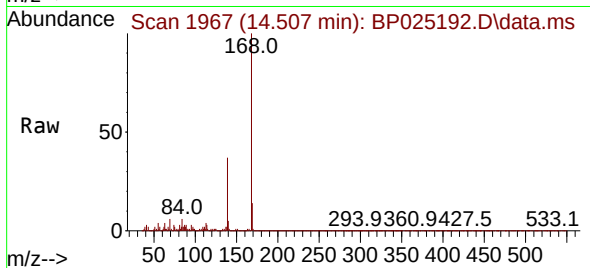
Tgt Ion:184 Resp: 615118
Ion Ratio Lower Upper
184 100
63 50.2 47.4 71.0
154 58.9 47.8 71.8





#55
Dibenzenofuran
Concen: 38.992 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

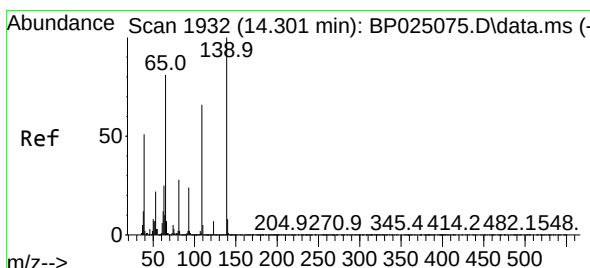
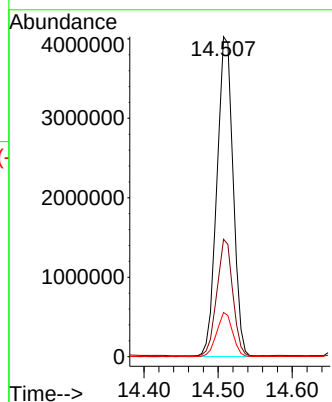
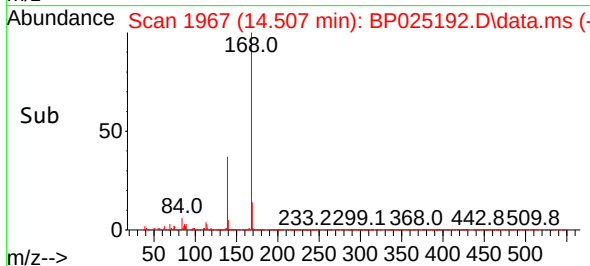
Instrument :
BNA_P
ClientSampleId :
CHRT-26899MSD



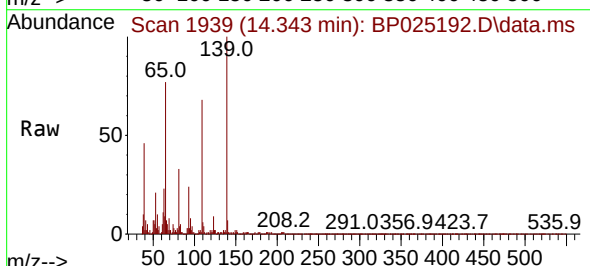
Tgt Ion:168 Resp: 611785
Ion Ratio Lower Upper
168 100
139 36.7 28.6 43.0
169 13.8 10.7 16.1

Manual Integrations
APPROVED

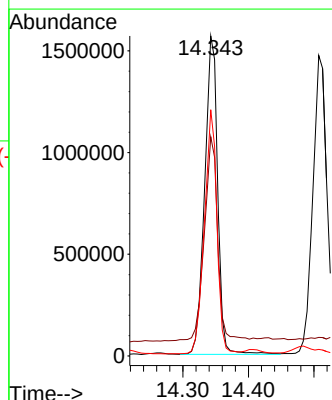
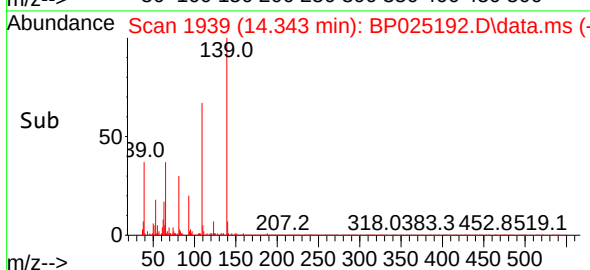
Reviewed By :Rahul Chavli 07/21/2025
Supervised By :Jagrut Upadhyay 07/21/2025

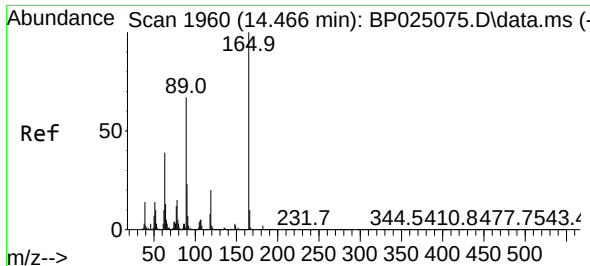


#56
4-Nitrophenol
Concen: 90.971 ng
RT: 14.343 min Scan# 1939
Delta R.T. 0.041 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33



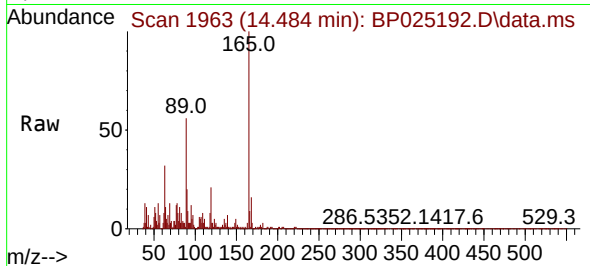
Tgt Ion:139 Resp: 2164669
Ion Ratio Lower Upper
139 100
109 68.5 45.9 85.9
65 77.0 61.4 101.4





#57
2,4-Dinitrotoluene
Concen: 44.344 ng
RT: 14.484 min Scan# 1963
Delta R.T. 0.018 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

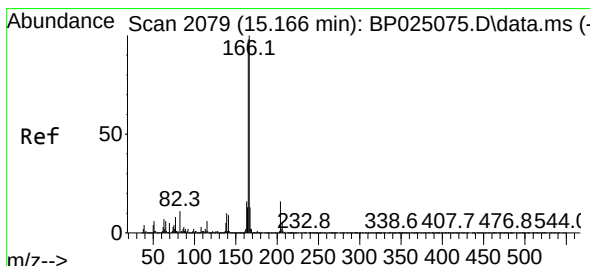
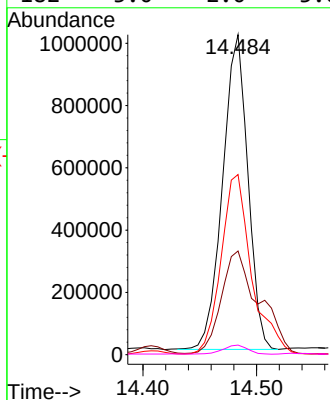
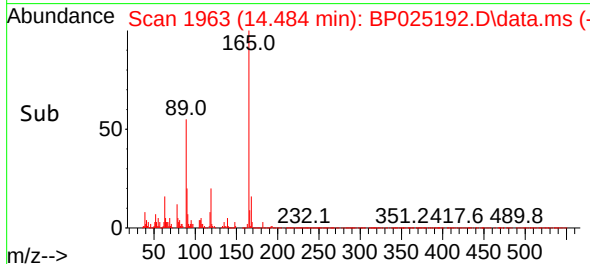
Instrument :
BNA_P
ClientSampleId :
CHRT-26899MSD



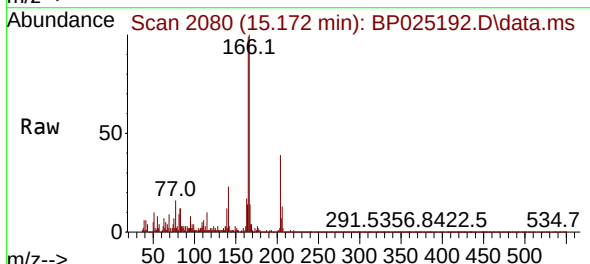
Tgt Ion:165 Resp: 155833
Ion Ratio Lower Upper
165 100
63 32.4 31.0 46.4
89 56.3 53.4 80.0
182 3.0 2.0 3.0

Manual Integrations
APPROVED

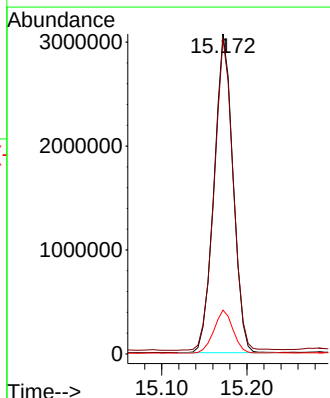
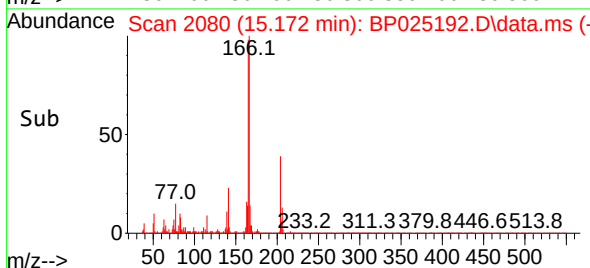
Reviewed By :Rahul Chavli 07/21/2025
Supervised By :Jagrut Upadhyay 07/21/2025

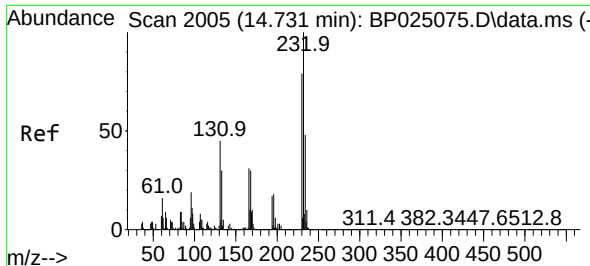


#58
Fluorene
Concen: 39.012 ng
RT: 15.172 min Scan# 2080
Delta R.T. 0.006 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33



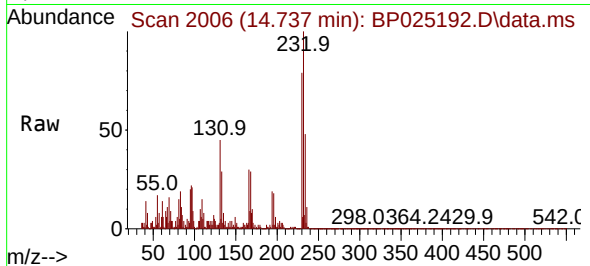
Tgt Ion:166 Resp: 4734515
Ion Ratio Lower Upper
166 100
165 98.6 78.6 117.8
167 13.7 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.567 ng
RT: 14.737 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

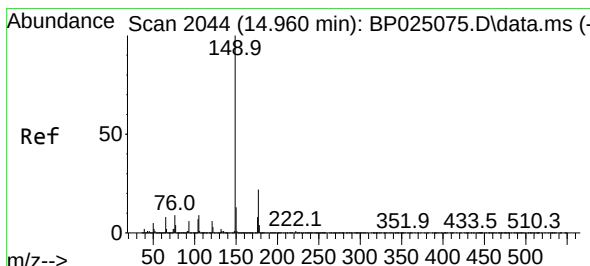
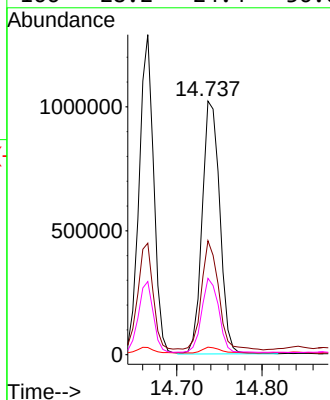
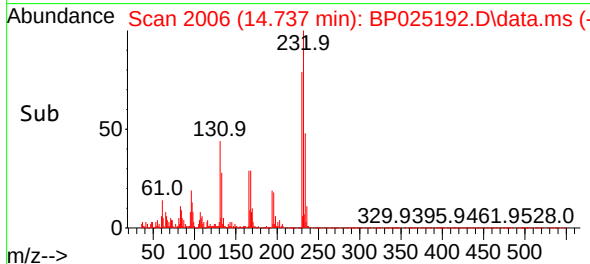
Instrument :
BNA_P
ClientSampleId :
CHRT-26899MSD



Tgt Ion:232 Resp: 146570
Ion Ratio Lower Upper
232 100
131 41.7 35.7 53.5
130 2.5 1.8 2.6
166 28.2 24.4 36.6

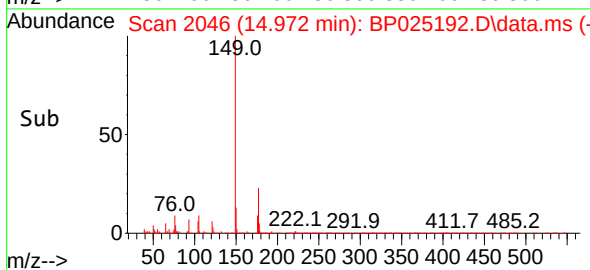
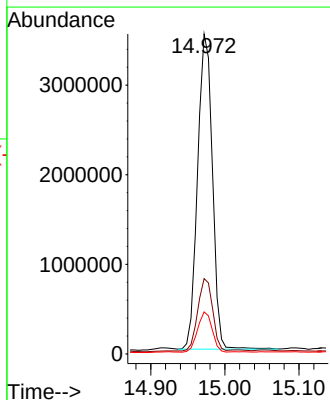
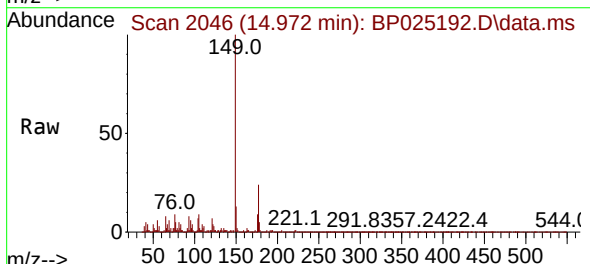
Manual Integrations
APPROVED

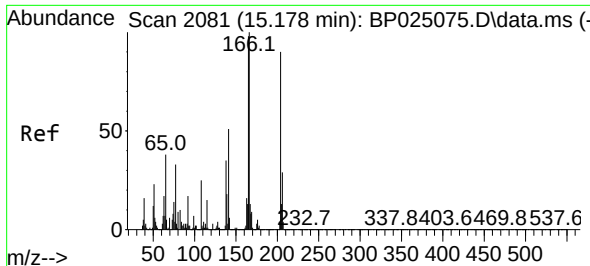
Reviewed By :Rahul Chavli 07/21/2025
Supervised By :Jagrut Upadhyay 07/21/2025



#60
Diethylphthalate
Concen: 39.371 ng
RT: 14.972 min Scan# 2046
Delta R.T. 0.012 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

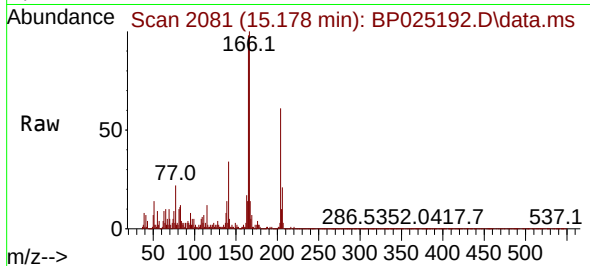
Tgt Ion:149 Resp: 4878323
Ion Ratio Lower Upper
149 100
177 23.6 17.8 26.8
150 13.1 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 39.857 ng
RT: 15.178 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

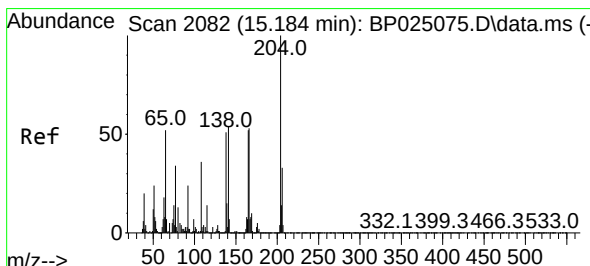
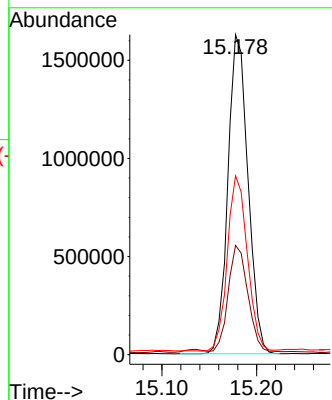
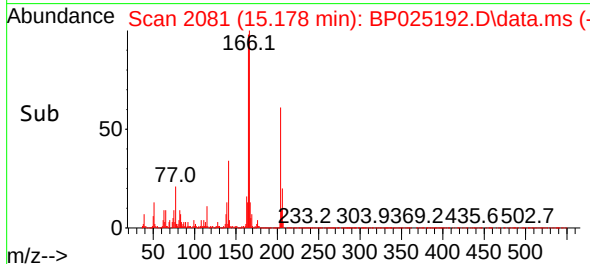
Instrument :
BNA_P
ClientSampleId :
CHRT-26899MSD



Tgt Ion:204 Resp: 239379
Ion Ratio Lower Upper
204 100
206 34.2 25.8 38.6
141 55.9 45.1 67.7

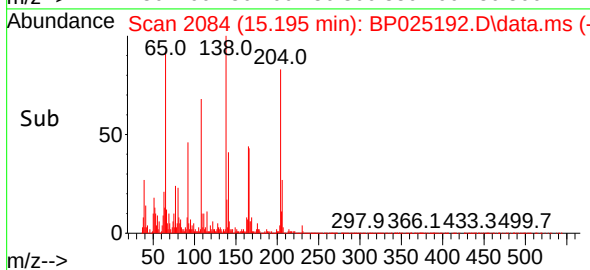
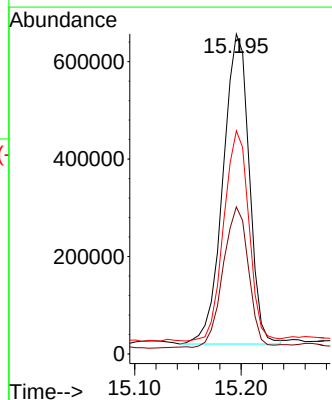
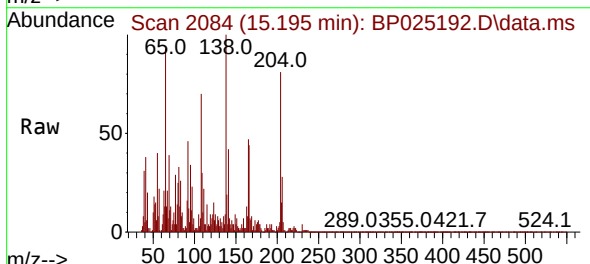
Manual Integrations
APPROVED

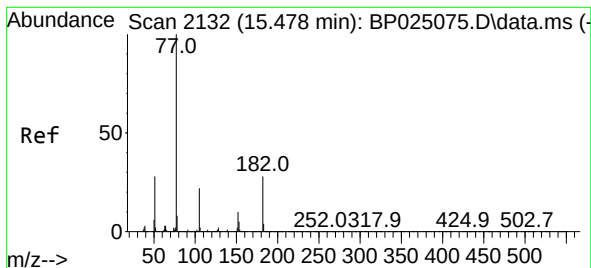
Reviewed By :Rahul Chavli 07/21/2025
Supervised By :Jagrut Upadhyay 07/21/2025



#62
4-Nitroaniline
Concen: 40.246 ng
RT: 15.195 min Scan# 2084
Delta R.T. 0.012 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

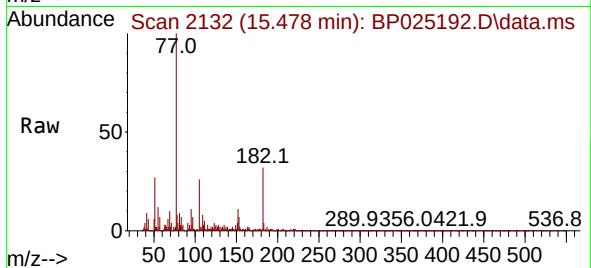
Tgt Ion:138 Resp: 1088146
Ion Ratio Lower Upper
138 100
92 46.0 26.0 66.0
108 69.8 50.0 90.0





#63
Azobenzene
Concen: 37.408 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

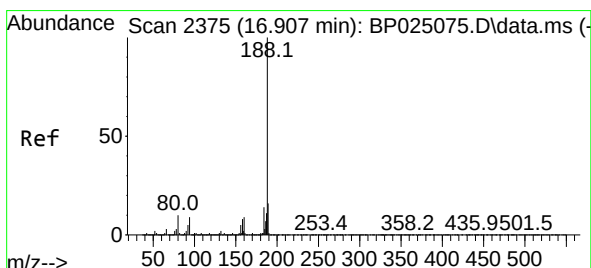
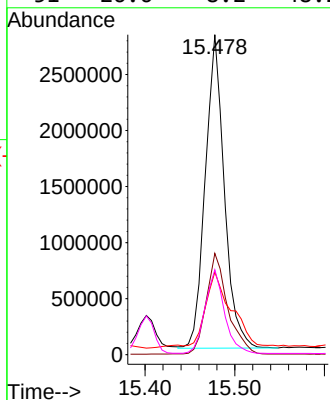
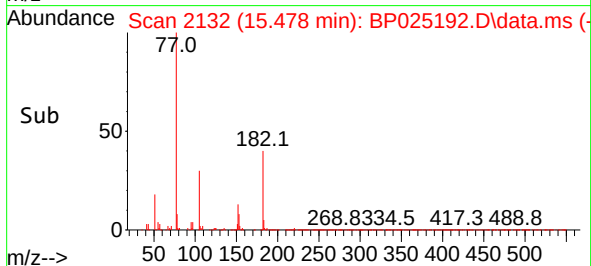
Instrument :
BNA_P
ClientSampleId :
CHRT-26899MSD



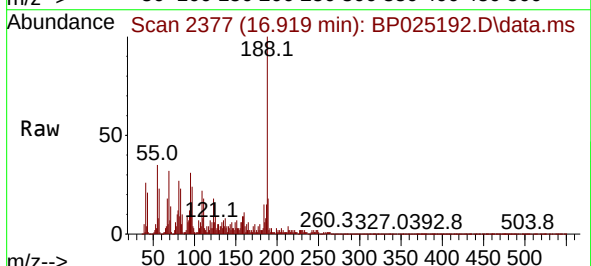
Tgt Ion: 77 Resp: 4127404
Ion Ratio Lower Upper
77 100
182 31.6 7.7 47.7
105 25.8 1.9 41.9
51 26.6 8.2 48.2

Manual Integrations
APPROVED

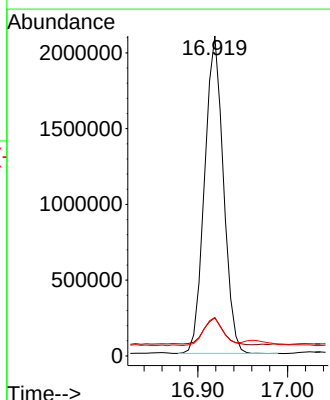
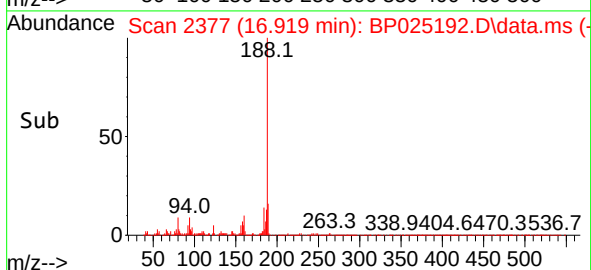
Reviewed By :Rahul Chavli 07/21/2025
Supervised By :Jagrut Upadhyay 07/21/2025

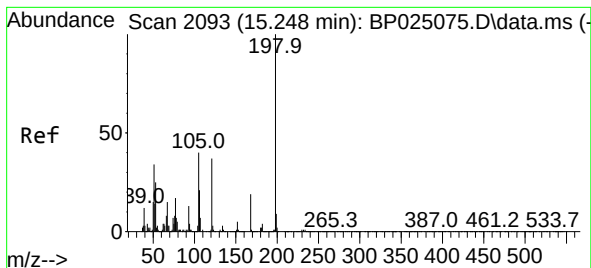


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.919 min Scan# 2377
Delta R.T. 0.012 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33



Tgt Ion:188 Resp: 3047795
Ion Ratio Lower Upper
188 100
94 11.9 7.3 10.9#
80 12.1 7.8 11.6#





#65
4,6-Dinitro-2-methylphenol
Concen: 32.979 ng
RT: 15.266 min Scan# 2096
Delta R.T. 0.018 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Instrument :

BNA_P

ClientSampleId :

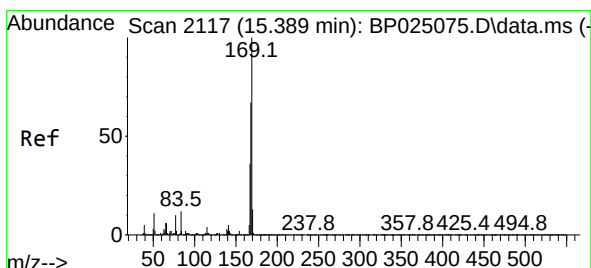
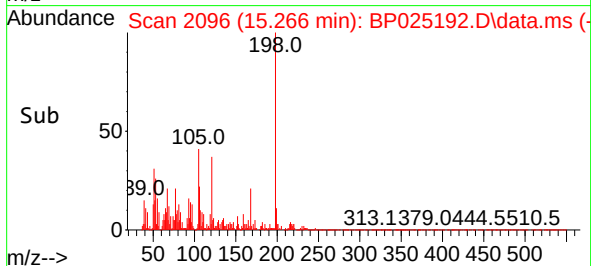
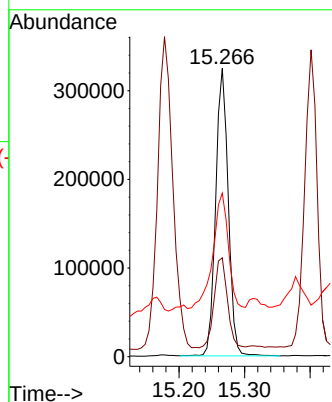
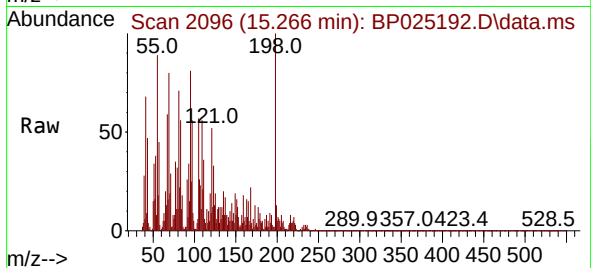
CHRT-26899MSD

Tgt Ion:198 Resp: 429999
Ion Ratio Lower Upper
198 100
51 34.3 16.8 56.8
105 56.7 20.8 60.8

Manual Integrations

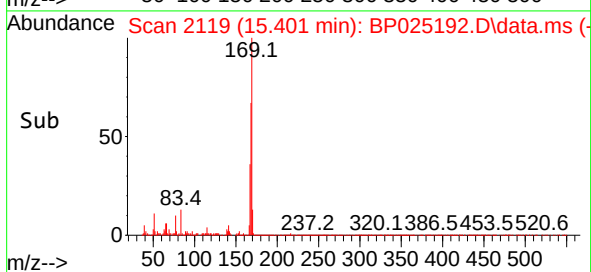
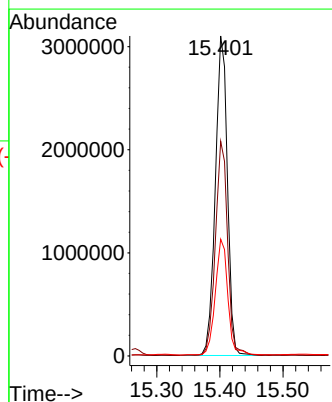
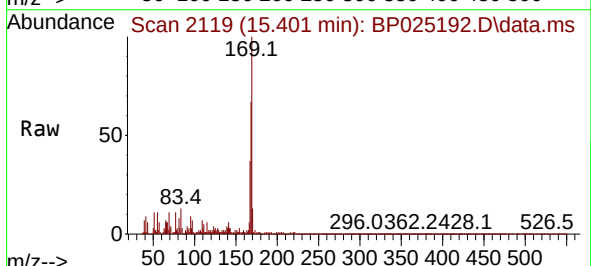
APPROVED

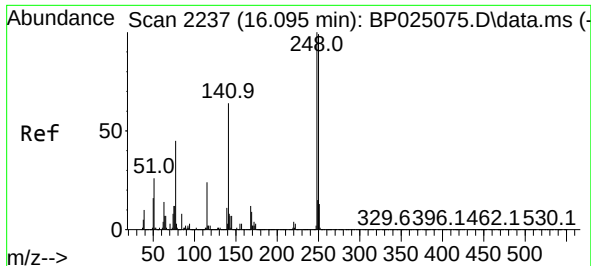
Reviewed By :Rahul Chavli 07/21/2025
Supervised By :Jagrut Upadhyay 07/21/2025



#66
n-Nitrosodiphenylamine
Concen: 47.136 ng
RT: 15.401 min Scan# 2119
Delta R.T. 0.012 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:169 Resp: 4111370
Ion Ratio Lower Upper
169 100
168 67.1 54.1 81.1
167 36.5 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 53.316 ng
RT: 16.101 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Instrument :

BNA_P

ClientSampleId :

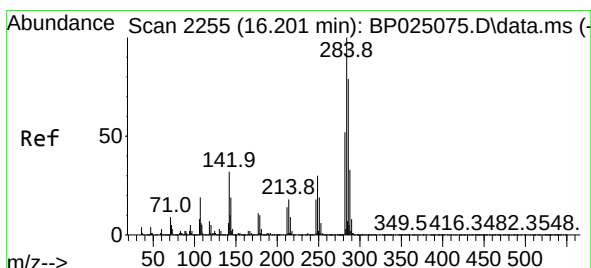
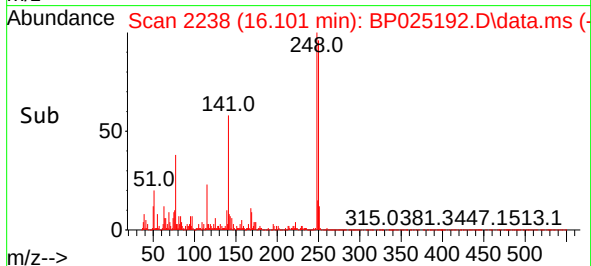
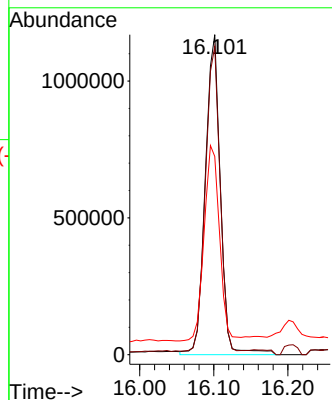
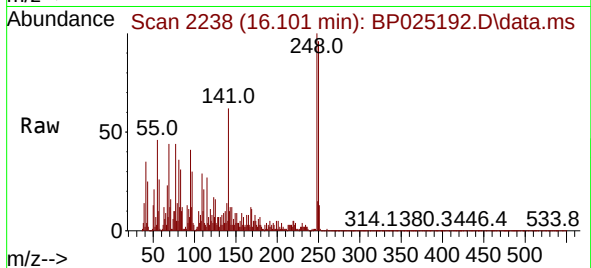
CHRT-26899MSD

Tgt Ion:248 Resp: 166378
Ion Ratio Lower Upper
248 100
250 96.3 79.4 119.2
141 62.0 51.4 77.0

Manual Integrations

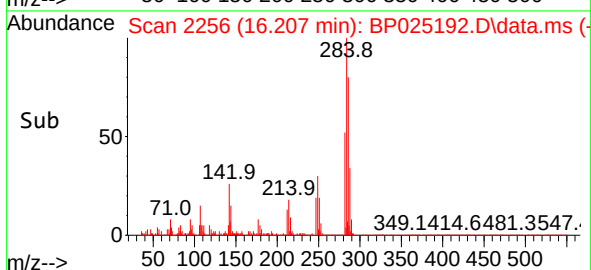
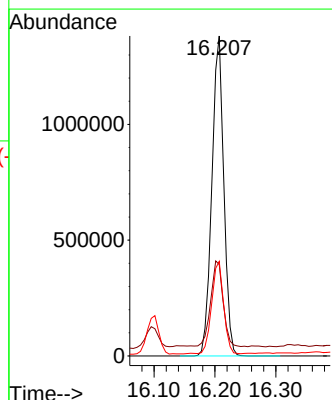
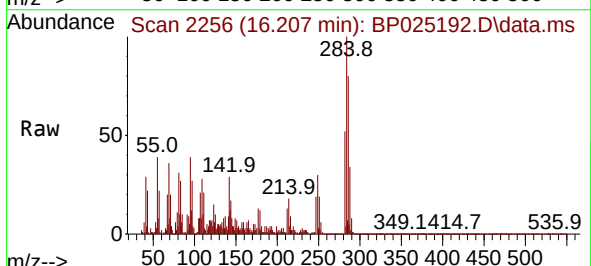
APPROVED

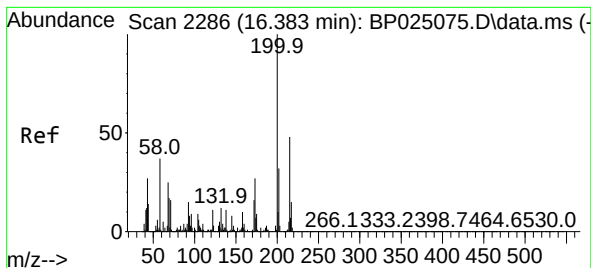
Reviewed By :Rahul Chavli 07/21/2025
Supervised By :Jagrut Upadhyay 07/21/2025



#68
Hexachlorobenzene
Concen: 49.321 ng
RT: 16.207 min Scan# 2256
Delta R.T. 0.006 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:284 Resp: 1881224
Ion Ratio Lower Upper
284 100
142 28.6 25.9 38.9
249 29.5 23.8 35.8





#69

Atrazine

Concen: 59.881 ng

RT: 16.407 min Scan# 21

Delta R.T. 0.024 min

Lab File: BP025192.D

Acq: 18 Jul 2025 14:33

Instrument :

BNA_P

ClientSampleId :

CHRT-26899MSD

Tgt Ion:200 Resp: 153051

Ion Ratio Lower Upper

200 100

173 31.3 6.6 46.6

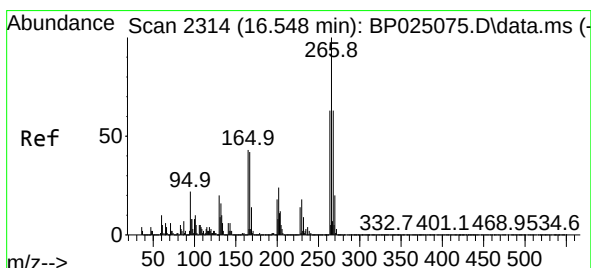
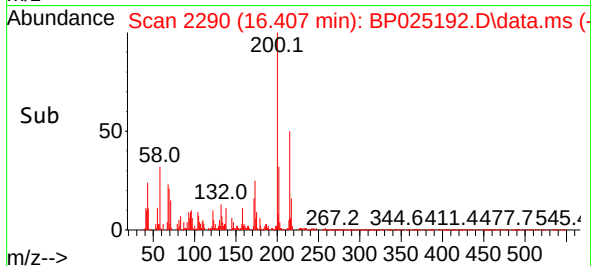
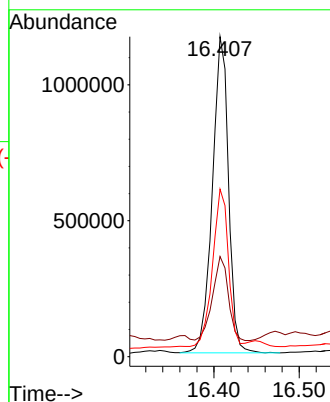
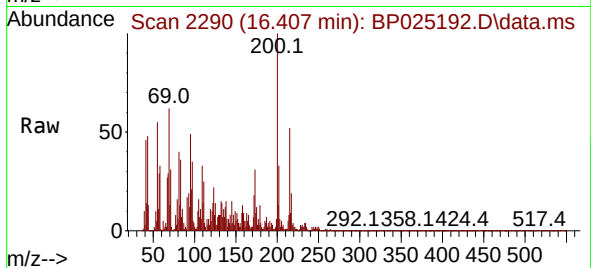
215 52.4 28.0 68.0

Manual Integrations

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Reviewed By :Rahul Chavli 07/21/2025

Supervised By :Jagrut Upadhyay 07/21/2025



#70

Pentachlorophenol

Concen: 99.349 ng

RT: 16.572 min Scan# 2318

Delta R.T. 0.024 min

Lab File: BP025192.D

Acq: 18 Jul 2025 14:33

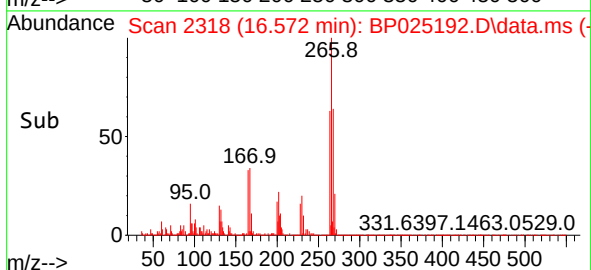
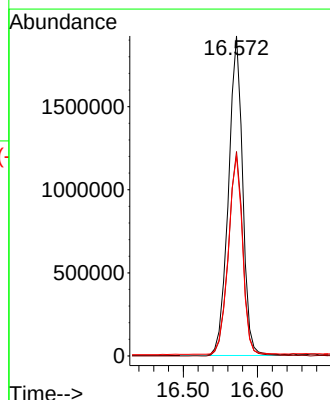
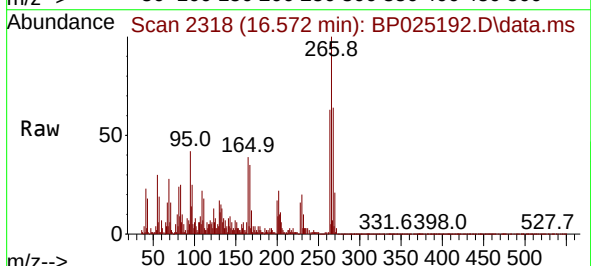
Tgt Ion:266 Resp: 2559186

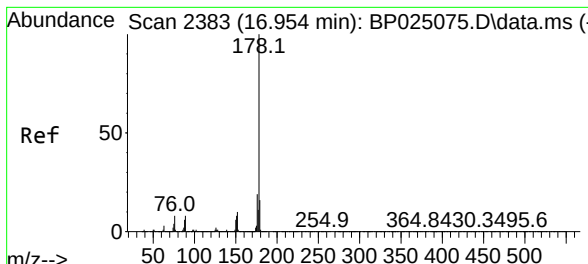
Ion Ratio Lower Upper

266 100

268 63.9 50.4 75.6

264 62.6 50.2 75.2





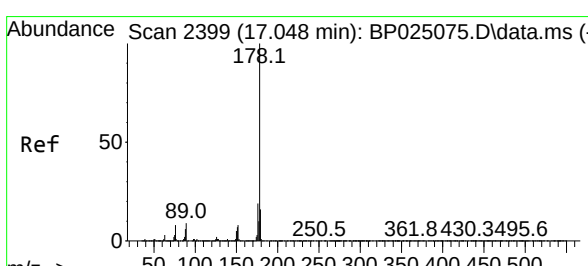
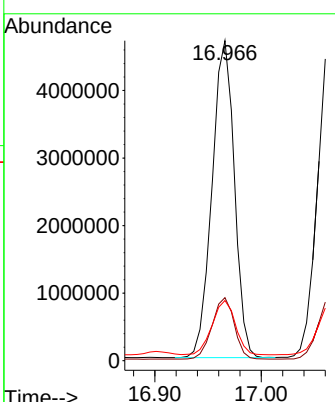
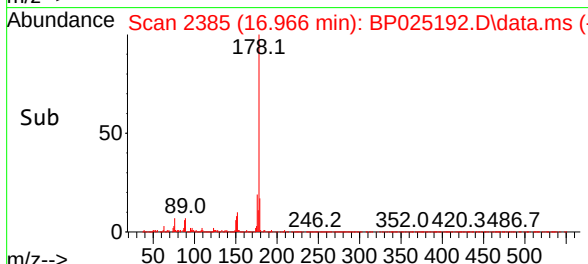
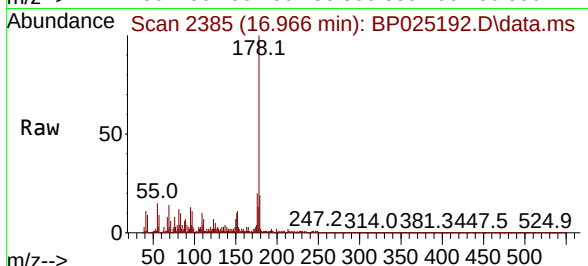
#71
 Phenanthrene
 Concen: 41.981 ng
 RT: 16.966 min Scan# 2401
 Delta R.T. 0.012 min
 Lab File: BP025192.D
 Acq: 18 Jul 2025 14:33

Instrument : BNA_P
 ClientSampleId : CHRT-26899MSD

Tgt Ion:178 Resp: 6836970

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	18.8	12.6	19.0

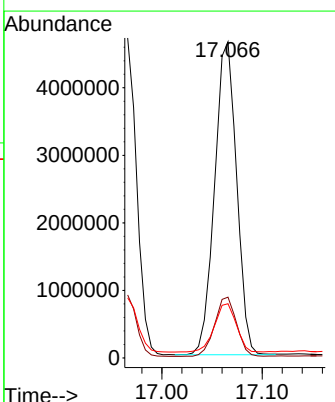
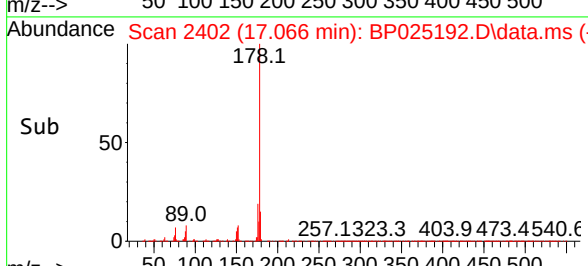
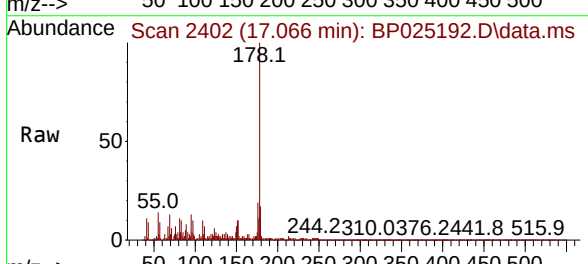
Manual Integrations
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 Reviewed By :Rahul Chavli 07/21/2025
 Supervised By :Jagrut Upadhyay 07/21/2025

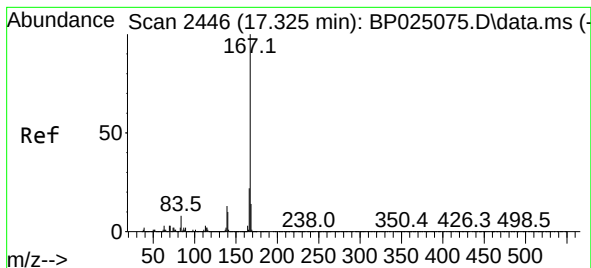


#72
 Anthracene
 Concen: 45.069 ng
 RT: 17.066 min Scan# 2402
 Delta R.T. 0.018 min
 Lab File: BP025192.D
 Acq: 18 Jul 2025 14:33

Tgt Ion:178 Resp: 7041601

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.0	22.6
179	17.1	12.5	18.7





#73

Carbazole

Concen: 42.274 ng

RT: 17.348 min Scan# 2446

Delta R.T. 0.024 min

Lab File: BP025192.D

Acq: 18 Jul 2025 14:33

Instrument :

BNA_P

ClientSampleId :

CHRT-26899MSD

Tgt Ion:167 Resp: 6457920

Ion Ratio Lower Upper

167 100

166 22.6 17.4 26.0

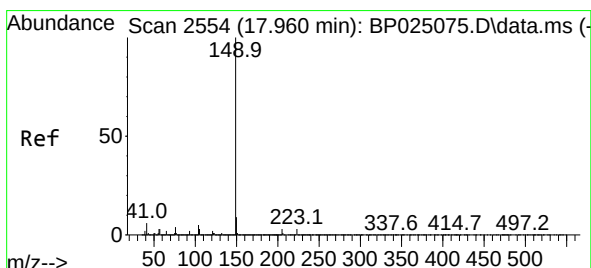
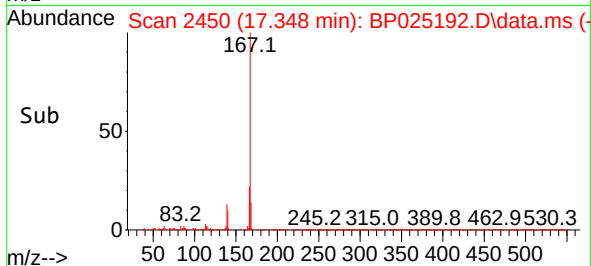
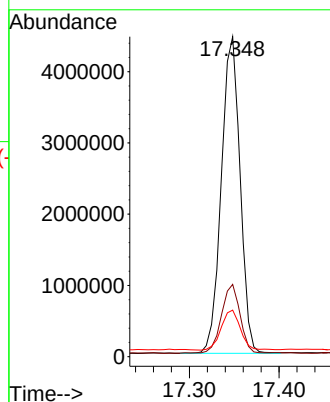
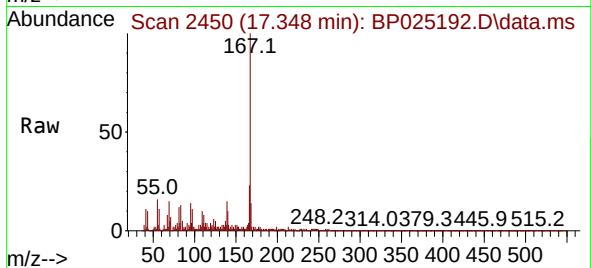
139 14.6 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/21/2025

Supervised By :Jagrut Upadhyay 07/21/2025



#74

Di-n-butylphthalate

Concen: 43.739 ng

RT: 17.966 min Scan# 2555

Delta R.T. 0.006 min

Lab File: BP025192.D

Acq: 18 Jul 2025 14:33

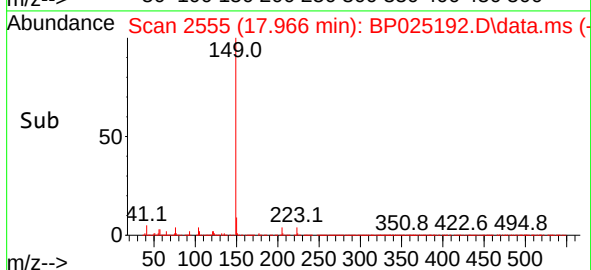
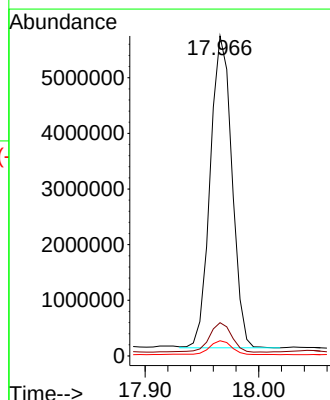
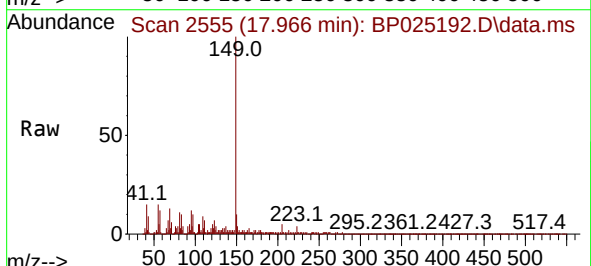
Tgt Ion:149 Resp: 7440665

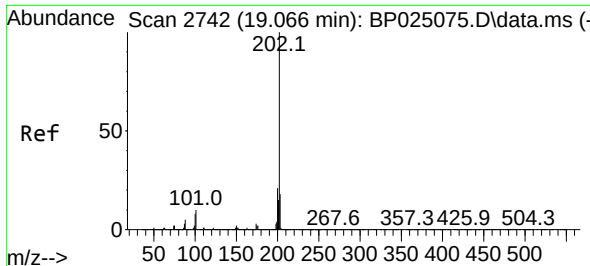
Ion Ratio Lower Upper

149 100

150 10.4 7.3 10.9

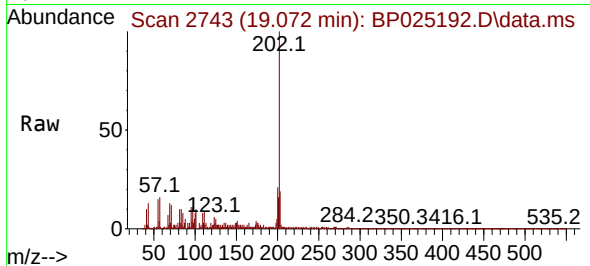
104 4.8 3.8 5.6





#75
Fluoranthene
Concen: 44.136 ng
RT: 19.072 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

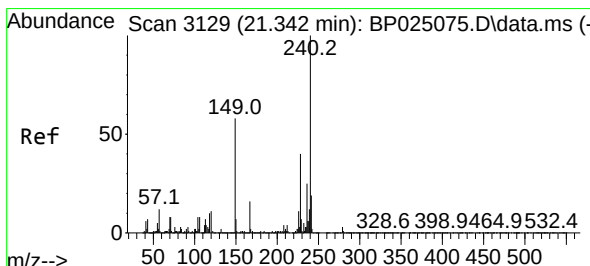
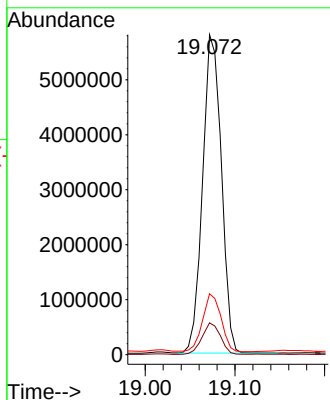
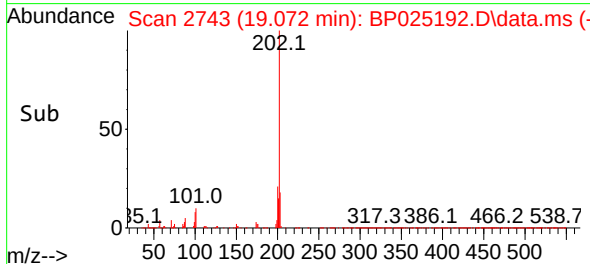
Instrument :
BNA_P
ClientSampleId :
CHRT-26899MSD



Tgt Ion:202 Resp: 8401898
Ion Ratio Lower Upper
202 100
101 9.9 0.0 30.4
203 19.0 0.0 37.6

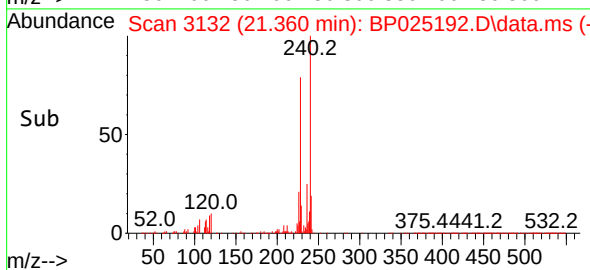
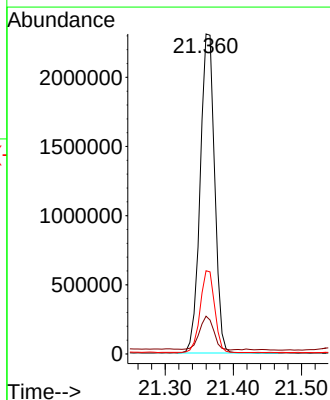
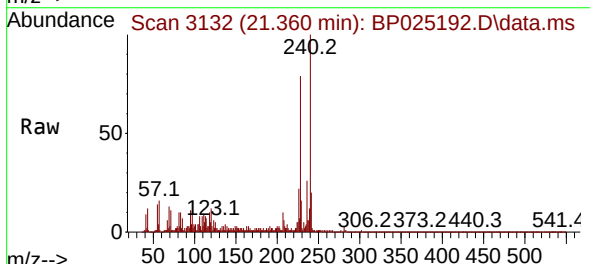
Manual Integrations
APPROVED

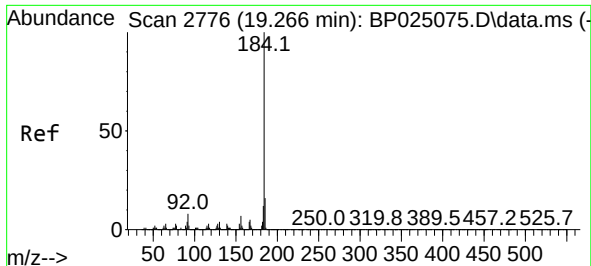
Reviewed By :Rahul Chavli 07/21/2025
Supervised By :Jagrut Upadhyay 07/21/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.360 min Scan# 3132
Delta R.T. 0.018 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:240 Resp: 3398852
Ion Ratio Lower Upper
240 100
120 11.8 9.0 13.4
236 26.0 20.3 30.5





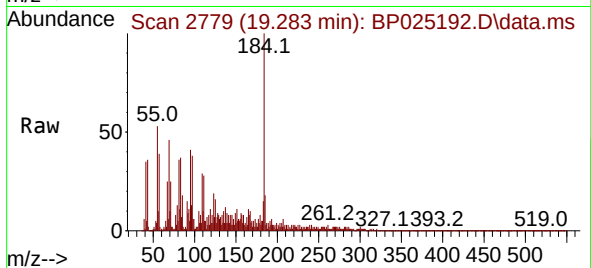
#77
Benzidine
Concen: 39.657 ng
RT: 19.283 min Scan# 21
Delta R.T. 0.017 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Instrument :

BNA_P

ClientSampleId :

CHRT-26899MSD



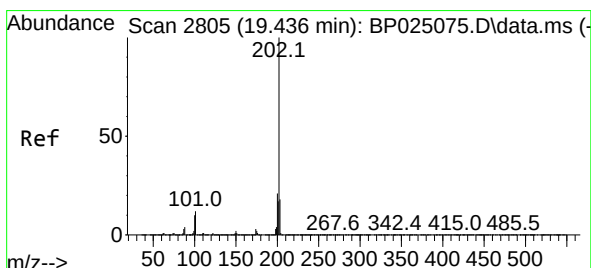
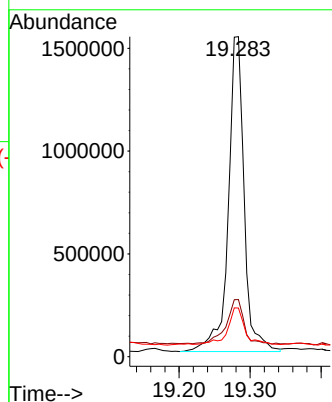
Tgt Ion:184 Resp: 2380550
Ion Ratio Lower Upper
184 100
185 17.9 12.6 18.8
183 15.2 9.4 14.2

Manual Integrations

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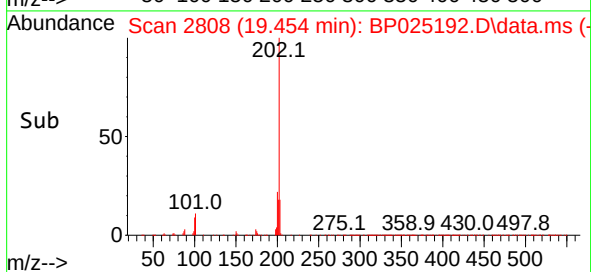
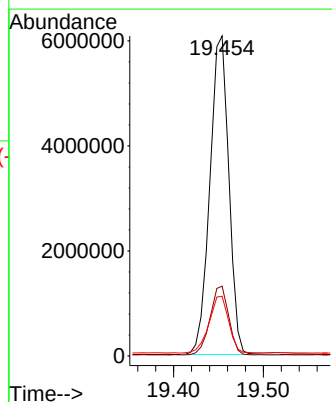
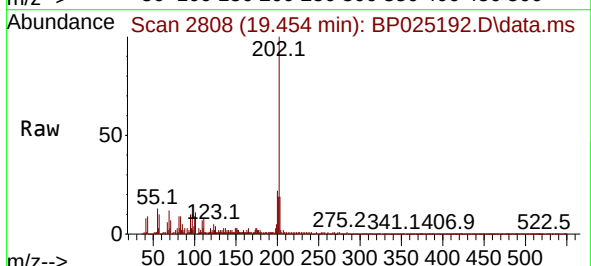
Reviewed By :Rahul Chavli 07/21/2025

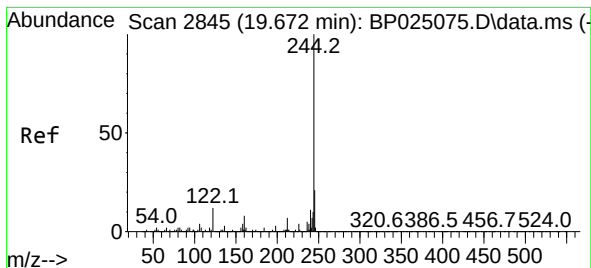
Supervised By :Jagrut Upadhyay 07/21/2025



#78
Pyrene
Concen: 42.245 ng
RT: 19.454 min Scan# 2808
Delta R.T. 0.018 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:202 Resp: 8893288
Ion Ratio Lower Upper
202 100
200 21.8 17.1 25.7
203 18.7 14.1 21.1





#79

Terphenyl-d14

Concen: 62.676 ng

RT: 19.689 min Scan# 2848

Delta R.T. 0.018 min

Lab File: BP025192.D

Acq: 18 Jul 2025 14:33

Instrument :

BNP_P

ClientSampleId :

CHRT-26899MSD

Tgt Ion:244 Resp: 969269

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

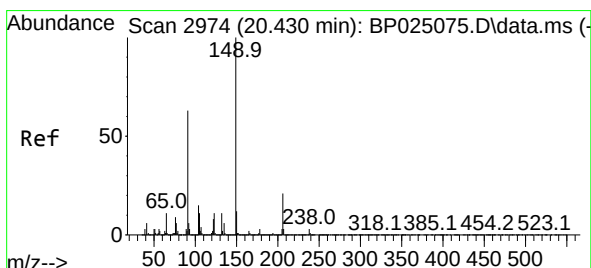
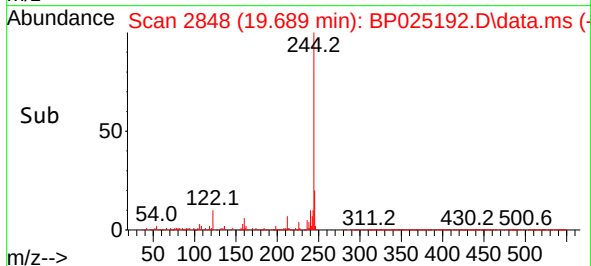
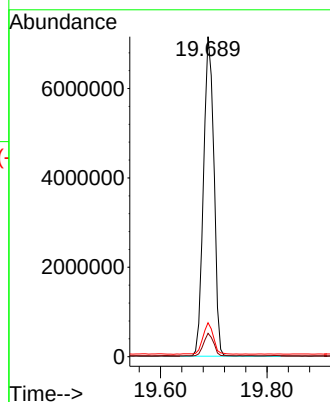
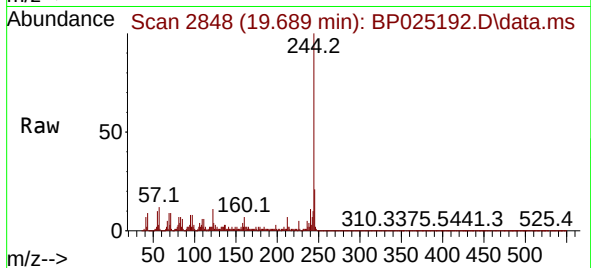
122 10.6 9.4 14.2

Manual Integrations

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Reviewed By :Rahul Chavli 07/21/2025

Supervised By :Jagrut Upadhyay 07/21/2025



#80

Butylbenzylphthalate

Concen: 45.510 ng

RT: 20.436 min Scan# 2975

Delta R.T. 0.006 min

Lab File: BP025192.D

Acq: 18 Jul 2025 14:33

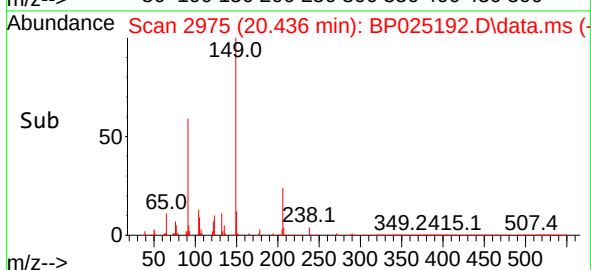
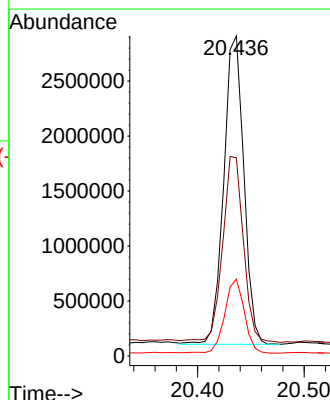
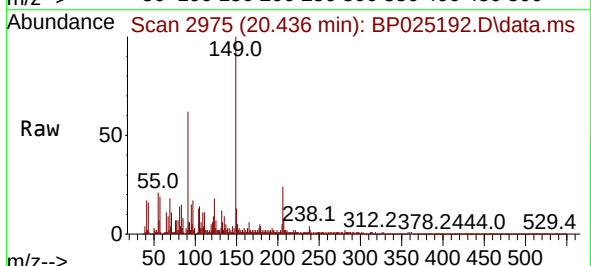
Tgt Ion:149 Resp: 3674497

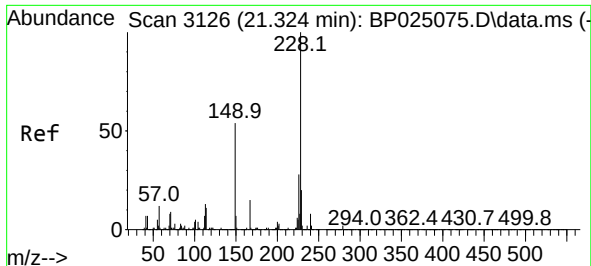
Ion Ratio Lower Upper

149 100

91 62.0 50.6 76.0

206 24.0 17.2 25.8





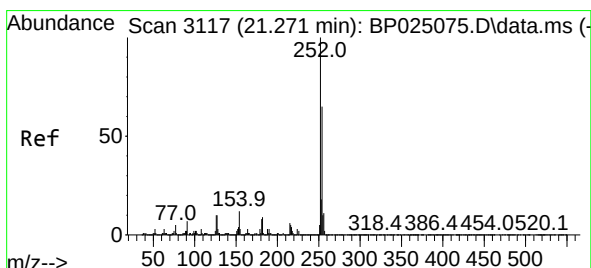
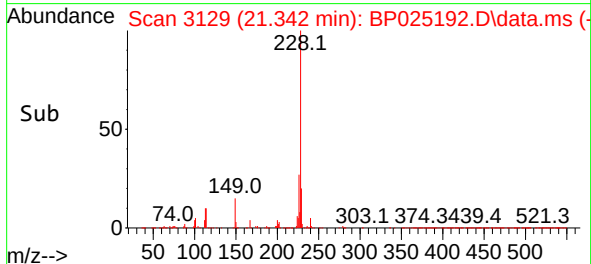
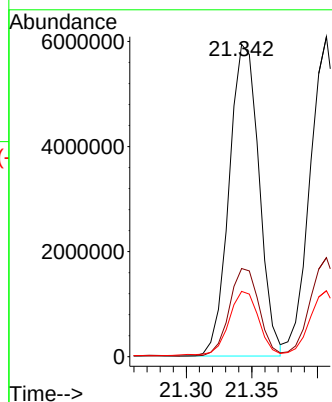
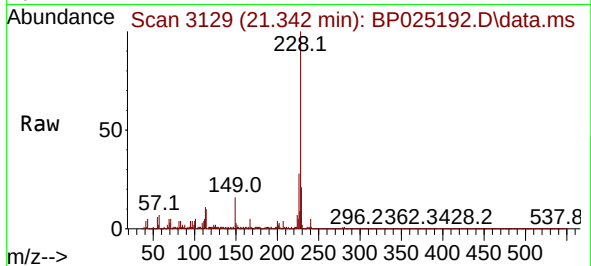
#81
Benzo(a)anthracene
Concen: 45.771 ng
RT: 21.342 min Scan# 3126
Delta R.T. 0.018 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Instrument :
BNA_P
ClientSampleId :
CHRT-26899MSD

Tgt Ion:228 Resp: 9427688
Ion Ratio Lower Upper
228 100
226 28.2 22.1 33.1
229 20.9 16.0 24.0

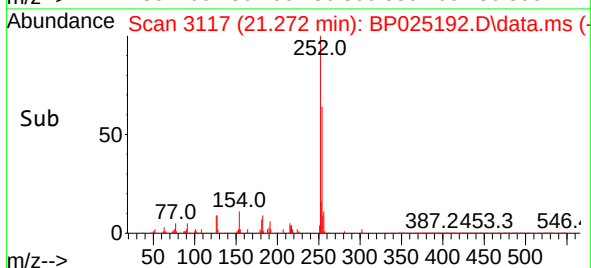
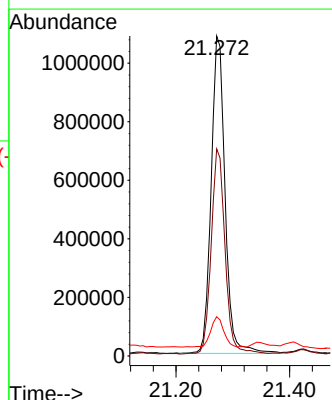
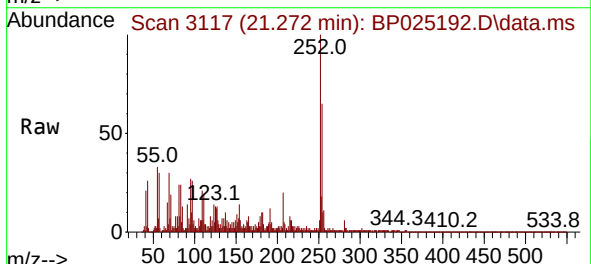
Manual Integrations
APPROVED

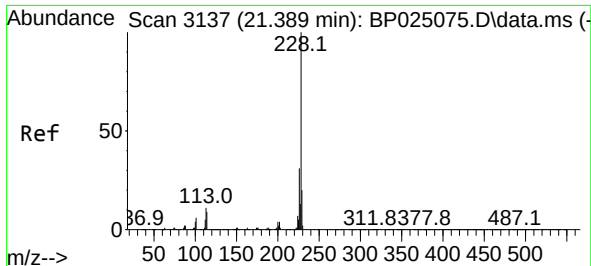
Reviewed By :Rahul Chavli 07/21/2025
Supervised By :Jagrut Upadhyay 07/21/2025



#82
3,3'-Dichlorobenzidine
Concen: 29.639 ng
RT: 21.272 min Scan# 3117
Delta R.T. 0.000 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

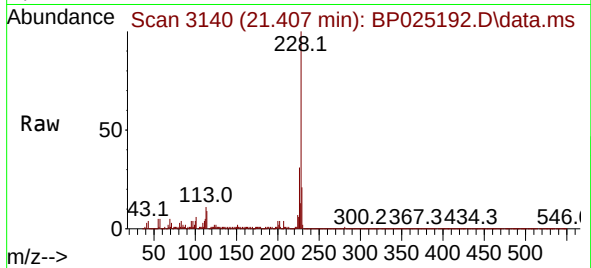
Tgt Ion:252 Resp: 1837810
Ion Ratio Lower Upper
252 100
254 64.7 51.9 77.9
126 12.2 8.1 12.1#





#83
Chrysene
Concen: 45.901 ng
RT: 21.407 min Scan# 3140
Delta R.T. 0.018 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

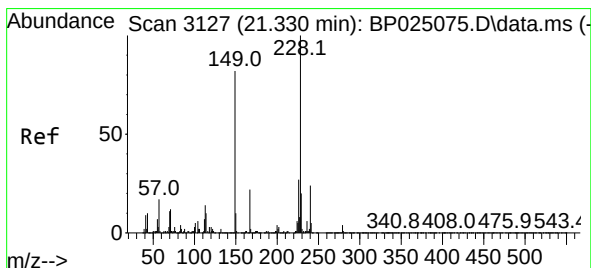
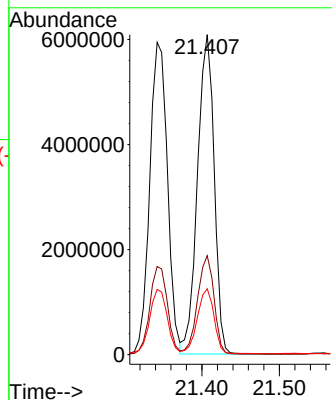
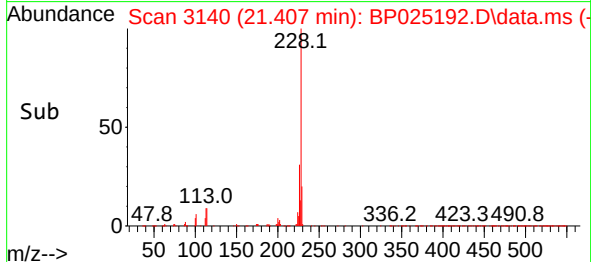
Instrument :
BNA_P
ClientSampleId :
CHRT-26899MSD



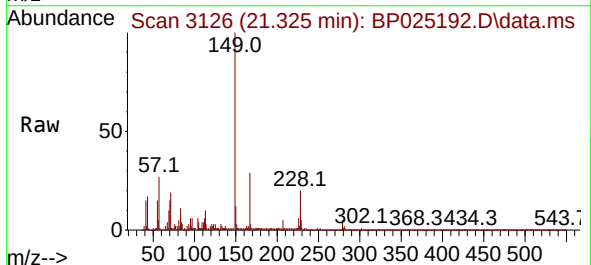
Tgt Ion:228 Resp: 909843
Ion Ratio Lower Upper
228 100
226 31.0 24.4 36.6
229 20.6 16.0 24.0

Manual Integrations
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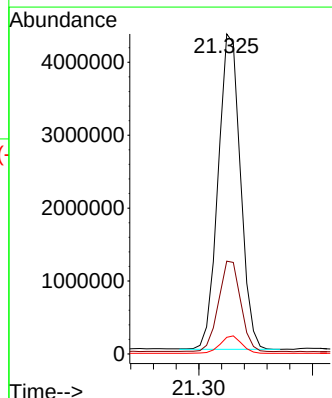
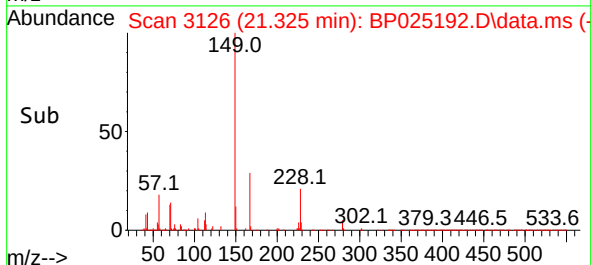
Reviewed By :Rahul Chavli 07/21/2025
Supervised By :Jagrut Upadhyay 07/21/2025

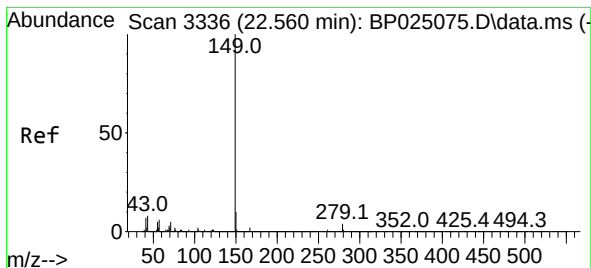


#84
Bis(2-ethylhexyl)phthalate
Concen: 53.333 ng
RT: 21.325 min Scan# 3126
Delta R.T. -0.006 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33



Tgt Ion:149 Resp: 5892349
Ion Ratio Lower Upper
149 100
167 29.0 21.9 32.9
279 5.2 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 50.755 ng

RT: 22.548 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP025192.D

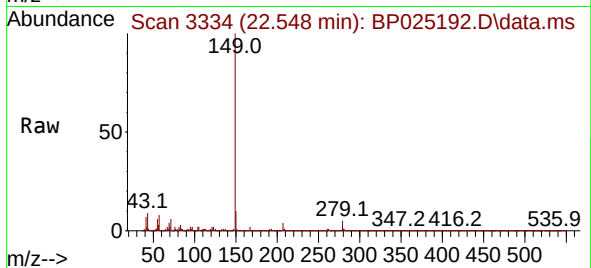
Acq: 18 Jul 2025 14:33

Instrument :

BNA_P

ClientSampleId :

CHRT-26899MSD



Tgt Ion:149 Resp:1036336

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

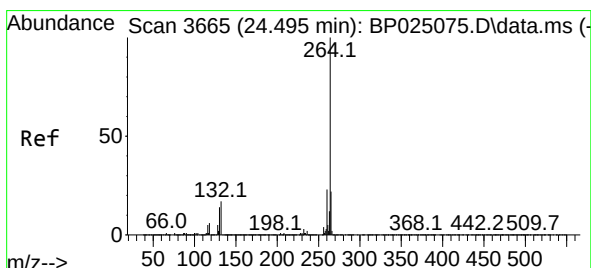
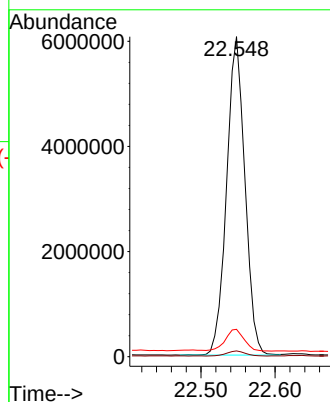
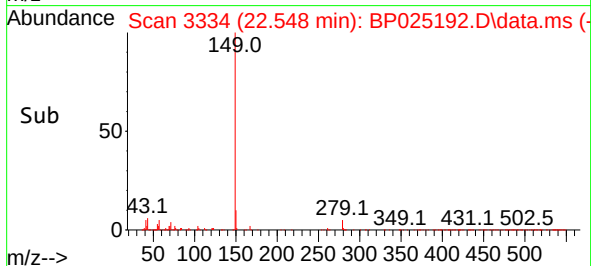
43 7.0 6.9 10.3

Manual Integrations

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Reviewed By :Rahul Chavli 07/21/2025

Supervised By :Jagrut Upadhyay 07/21/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.524 min Scan# 3670

Delta R.T. 0.030 min

Lab File: BP025192.D

Acq: 18 Jul 2025 14:33

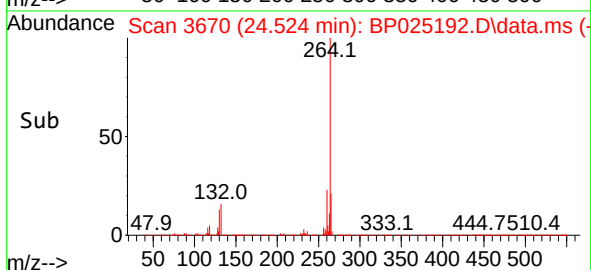
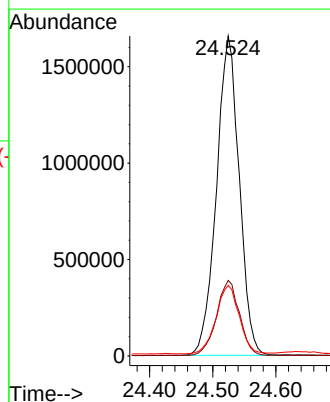
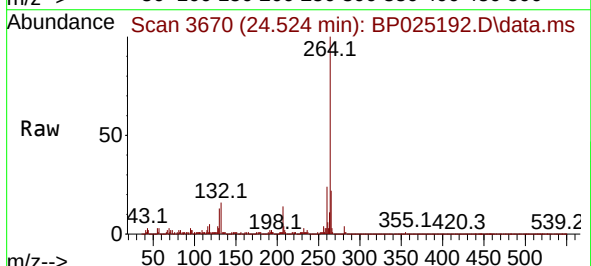
Tgt Ion:264 Resp: 4139648

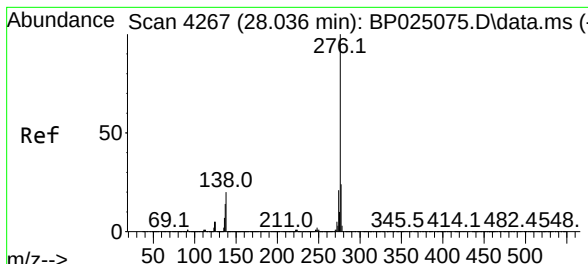
Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 22.1 17.7 26.5





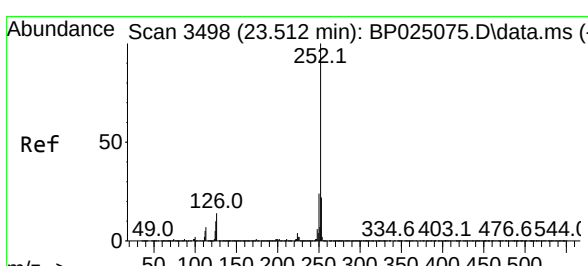
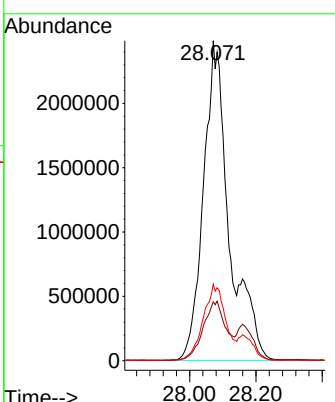
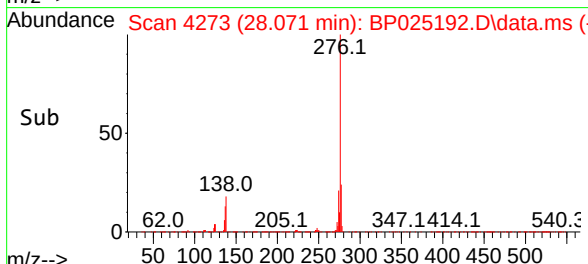
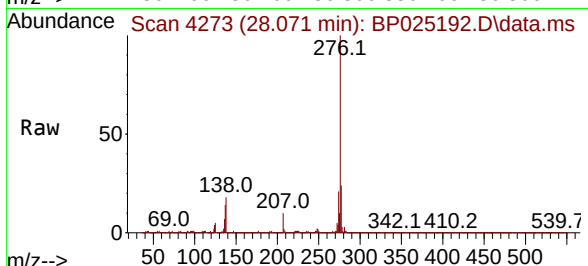
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 50.742 ng m
 RT: 28.071 min Scan# 41
 Delta R.T. 0.035 min
 Lab File: BP025192.D
 Acq: 18 Jul 2025 14:33

Instrument :
 BNA_P
 ClientSampleId :
 CHRT-26899MSD

Tgt Ion: 276 Resp: 13381638

Ion	Ratio	Lower	Upper
276	100		
138	16.6	13.0	19.6
277	20.9	15.9	23.9

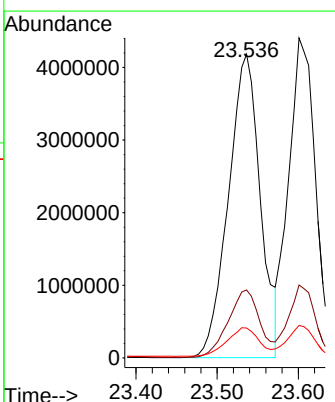
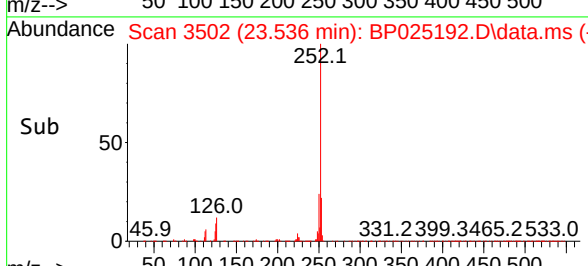
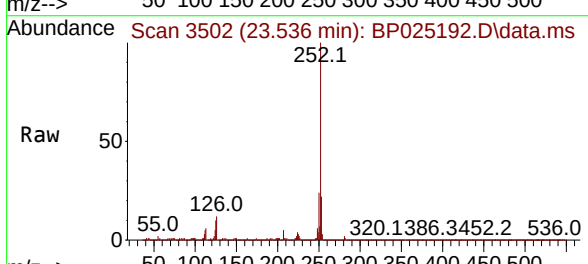
Manual Integrations
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 Reviewed By :Rahul Chavli 07/21/2025
 Supervised By :Jagrut Upadhyay 07/21/2025

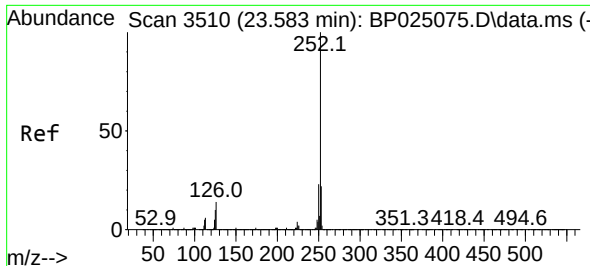


#88
 Benzo(b)fluoranthene
 Concen: 47.248 ng
 RT: 23.536 min Scan# 3502
 Delta R.T. 0.024 min
 Lab File: BP025192.D
 Acq: 18 Jul 2025 14:33

Tgt Ion: 252 Resp: 11384396

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	9.8	8.1	12.1





#89
Benzo(k)fluoranthene
Concen: 41.835 ng
RT: 23.601 min Scan# 3510
Delta R.T. 0.018 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Instrument :

BNA_P

ClientSampleId :

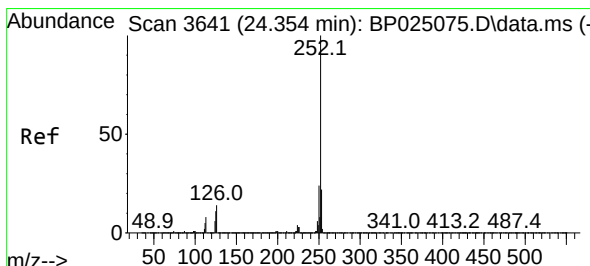
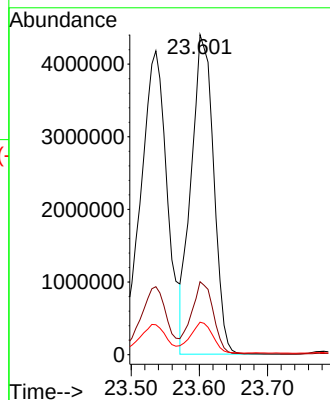
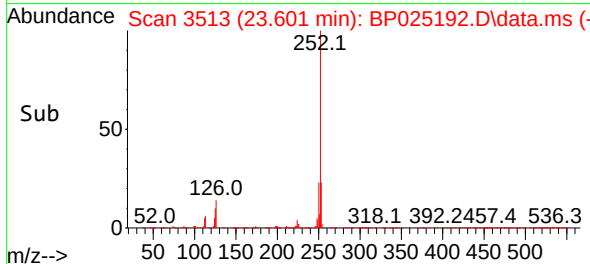
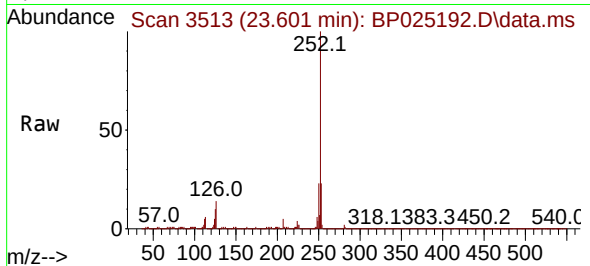
CHRT-26899MSD

Tgt Ion:252 Resp:10029610
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 10.2 8.2 12.2

Manual Integrations

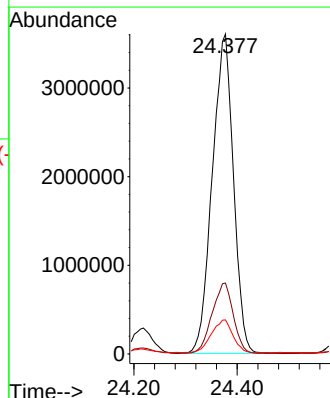
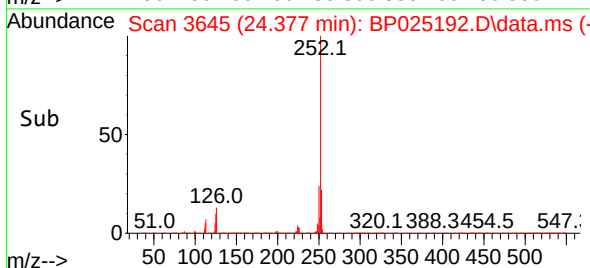
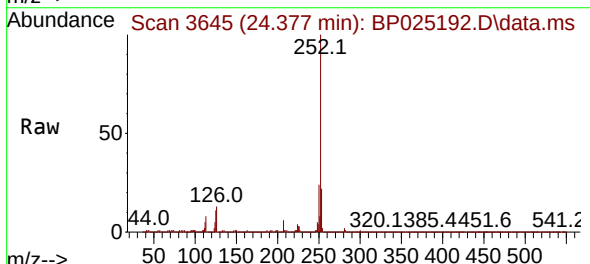
APPROVED

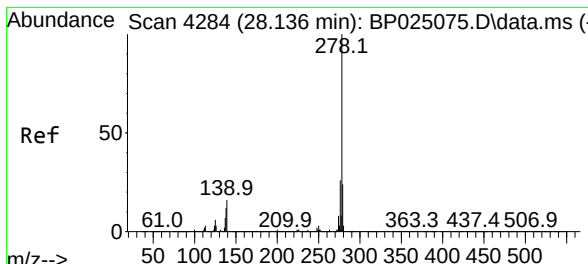
Reviewed By :Rahul Chavli 07/21/2025
Supervised By :Jagrut Upadhyay 07/21/2025



#90
Benzo(a)pyrene
Concen: 49.866 ng
RT: 24.377 min Scan# 3645
Delta R.T. 0.024 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

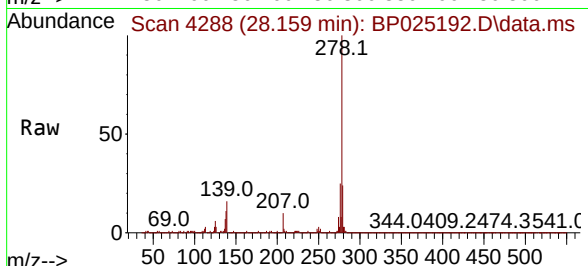
Tgt Ion:252 Resp:10226105
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 10.6 9.0 13.4





#91
 Dibenzo(a,h)anthracene
 Concen: 47.796 ng
 RT: 28.159 min Scan# 41
 Delta R.T. 0.024 min
 Lab File: BP025192.D
 Acq: 18 Jul 2025 14:33

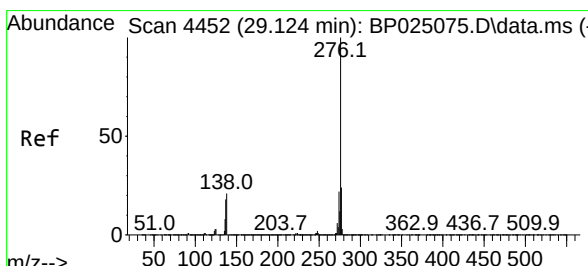
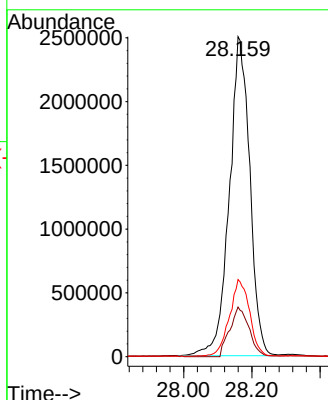
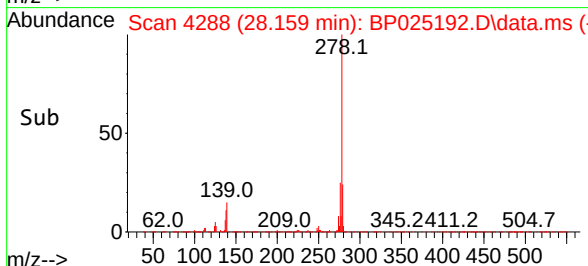
Instrument :
 BNA_P
 ClientSampleId :
 CHRT-26899MSD



Tgt Ion: 278 Resp: 1041906
 Ion Ratio Lower Upper
 278 100
 139 15.5 13.1 19.7
 279 24.1 18.9 28.3

Manual Integrations
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Reviewed By :Rahul Chavli 07/21/2025
 Supervised By :Jagrut Upadhyay 07/21/2025



#92
 Benzo(g,h,i)perylene
 Concen: 48.267 ng
 RT: 29.183 min Scan# 4462
 Delta R.T. 0.059 min
 Lab File: BP025192.D
 Acq: 18 Jul 2025 14:33

Tgt Ion: 276 Resp: 10869264
 Ion Ratio Lower Upper
 276 100
 277 23.2 19.3 28.9
 138 19.3 16.9 25.3

