

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025416.D
 Acq On : 15 Aug 2025 06:29
 Operator : CG/JU
 Sample : Q2820-17MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 88H-EMSD

Quant Time: Aug 15 08:09:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.795	152	152229	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	611748	20.000	ng	0.00
39) Acenaphthene-d10	14.407	164	408254	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	837667	20.000	ng	0.00
76) Chrysene-d12	21.648	240	921761	20.000	ng	0.00
86) Perylene-d12	25.024	264	1086411	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.407	112	807645	88.108	ng	0.00
7) Phenol-d6	6.966	99	1053520	89.644	ng	0.00
23) Nitrobenzene-d5	8.931	82	659161	54.506	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	493086	89.731	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	1517679	50.806	ng	0.00
79) Terphenyl-d14	19.912	244	2460926	48.846	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.337	88	133387	37.150	ng	98
3) Pyridine	3.731	79	373071	37.962	ng	98
4) n-Nitrosodimethylamine	3.637	42	180846	44.636	ng	97
6) Aniline	7.125	93	562721	35.538	ng	99
8) 2-Chlorophenol	7.366	128	489929	47.363	ng	99
9) Benzaldehyde	6.937	77	223121	27.098	ng	100
10) Phenol	6.995	94	592156	48.018	ng	98
11) bis(2-Chloroethyl)ether	7.219	93	412250	42.890	ng	99
12) 1,3-Dichlorobenzene	7.684	146	492466	43.176	ng	99
13) 1,4-Dichlorobenzene	7.825	146	503812	43.215	ng	99
14) 1,2-Dichlorobenzene	8.142	146	489651	43.388	ng	99
15) Benzyl Alcohol	8.025	79	431125	46.169	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.307	45	548076	42.566	ng	98
17) 2-Methylphenol	8.225	107	403259	47.084	ng	99
18) Hexachloroethane	8.860	117	184490	43.040	ng	97
19) n-Nitroso-di-n-propyla...	8.583	70	329547	42.334	ng	99
20) 3+4-Methylphenols	8.548	107	552270	46.519	ng	96
22) Acetophenone	8.601	105	691731	45.089	ng	# 99
24) Nitrobenzene	8.966	77	492167	45.537	ng	99
25) Isophorone	9.495	82	936982	43.780	ng	98
26) 2-Nitrophenol	9.672	139	261087	47.070	ng	97
27) 2,4-Dimethylphenol	9.736	122	464398	48.685	ng	100
28) bis(2-Chloroethoxy)met...	9.966	93	571301	44.160	ng	99
29) 2,4-Dichlorophenol	10.207	162	463126	48.875	ng	97
30) 1,2,4-Trichlorobenzene	10.419	180	465232	44.788	ng	97
31) Naphthalene	10.613	128	1414587	44.490	ng	100
32) Benzoic acid	9.878	122	351527	49.917	ng	99
33) 4-Chloroaniline	10.707	127	356528	25.385	ng	99
34) Hexachlorobutadiene	10.901	225	286611	44.305	ng	97
35) Caprolactam	11.501	113	165259m	47.563	ng	
36) 4-Chloro-3-methylphenol	11.836	107	529393	48.688	ng	96
37) 2-Methylnaphthalene	12.213	142	931832	45.034	ng	98
38) 1-Methylnaphthalene	12.436	142	968839	44.028	ng	99
40) 1,2,4,5-Tetrachloroben...	12.583	216	528206	44.798	ng	98
41) Hexachlorocyclopentadiene	12.566	237	642432	90.202	ng	99
43) 2,4,6-Trichlorophenol	12.824	196	385328	48.407	ng	98

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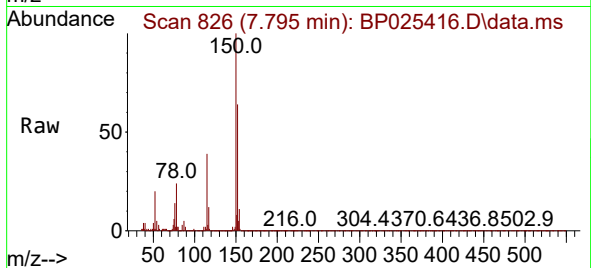
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.895	196	422320	48.409	ng	98
46) 1,1'-Biphenyl	13.230	154	1333915	44.989	ng	98
47) 2-Chloronaphthalene	13.266	162	1048414	45.421	ng	99
48) 2-Nitroaniline	13.466	65	327216	48.653	ng	97
49) Acenaphthylene	14.124	152	1741031	45.584	ng	100
50) Dimethylphthalate	13.854	163	1353224	45.264	ng	99
51) 2,6-Dinitrotoluene	13.966	165	297925	47.281	ng	99
52) Acenaphthene	14.477	154	990506	44.181	ng	99
53) 3-Nitroaniline	14.295	138	220431	31.093	ng	97
54) 2,4-Dinitrophenol	14.513	184	345806	102.765	ng	99
55) Dibenzofuran	14.813	168	1593114	44.946	ng	98
56) 4-Nitrophenol	14.618	139	576733	98.999	ng	98
57) 2,4-Dinitrotoluene	14.771	165	438365	48.760	ng	100
58) Fluorene	15.465	166	1236469	44.209	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.036	232	374896	48.668	ng	99
60) Diethylphthalate	15.242	149	1388142	45.696	ng	100
61) 4-Chlorophenyl-phenyle...	15.460	204	620466	44.606	ng	99
62) 4-Nitroaniline	15.477	138	329615	45.352	ng	95
63) Azobenzene	15.754	77	1306069	50.212	ng	99
65) 4,6-Dinitro-2-methylph...	15.542	198	246584	47.224	ng	95
66) n-Nitrosodiphenylamine	15.671	169	1133759	44.385	ng	100
67) 4-Bromophenyl-phenylether	16.371	248	412290	44.752	ng	98
68) Hexachlorobenzene	16.489	284	482237	45.155	ng	98
69) Atrazine	16.648	200	444039	46.417	ng	99
70) Pentachlorophenol	16.848	266	677601	100.512	ng	96
71) Phenanthrene	17.248	178	2085270	45.316	ng	99
72) Anthracene	17.330	178	2098232	44.651	ng	99
73) Carbazole	17.612	167	2047401	46.257	ng	99
74) Di-n-butylphthalate	18.212	149	2532382	46.503	ng	100
75) Fluoranthene	19.330	202	2558146	46.606	ng	99
77) Benzidine	19.512	184	1446263	45.975	ng	100
78) Pyrene	19.706	202	2628017	43.865	ng	99
80) Butylbenzylphthalate	20.653	149	1280380	47.155	ng	97
81) Benzo(a)anthracene	21.624	228	2800265	46.064	ng	100
82) 3,3'-Dichlorobenzidine	21.536	252	640279	27.944	ng	99
83) Chrysene	21.695	228	2634967	46.284	ng	99
84) Bis(2-ethylhexyl)phtha...	21.565	149	1870070	46.787	ng	99
85) Di-n-octyl phthalate	22.853	149	3288310	47.830	ng	100
87) Indeno(1,2,3-cd)pyrene	28.835	276	3666491m	46.019	ng	
88) Benzo(b)fluoranthene	23.930	252	2936896	45.844	ng	100
89) Benzo(k)fluoranthene	24.012	252	2954085	46.081	ng	98
90) Benzo(a)pyrene	24.853	252	2891770	46.372	ng	99
91) Dibenzo(a,h)anthracene	28.912	278	2997319	46.035	ng	99
92) Benzo(g,h,i)perylene	30.024	276	2926520	45.726	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.795 min Scan# 81
Delta R.T. -0.001 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

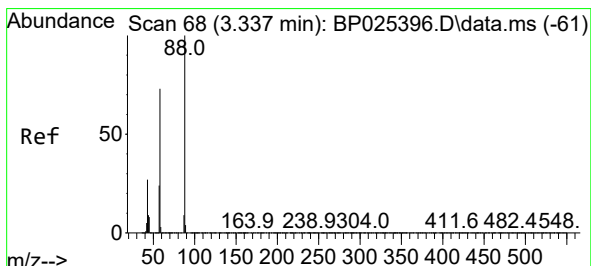
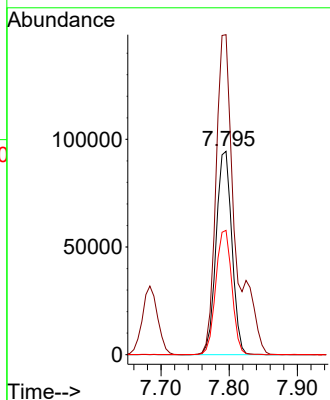
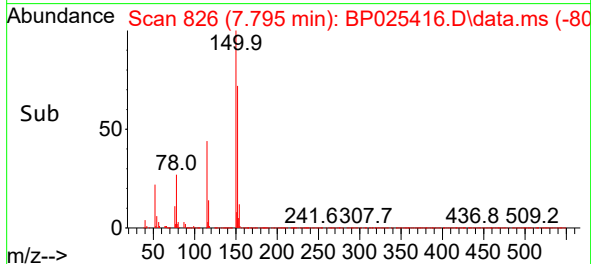
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



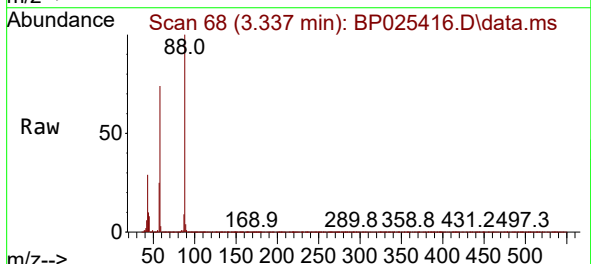
Tgt Ion:152 Resp: 152229
Ion Ratio Lower Upper
152 100
150 157.3 125.9 188.9
115 61.1 48.5 72.7

Manual Integrations
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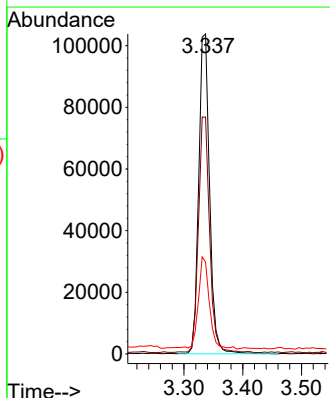
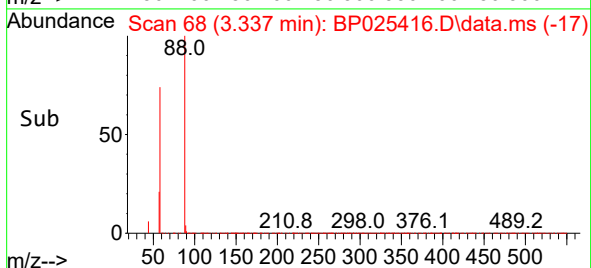
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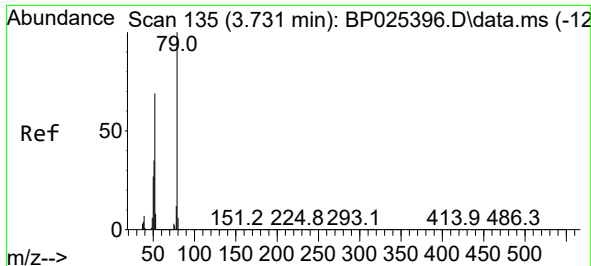


#2
1,4-Dioxane
Concen: 37.150 ng
RT: 3.337 min Scan# 68
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29



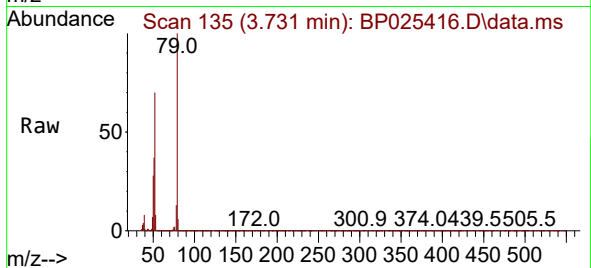
Tgt Ion: 88 Resp: 133387
Ion Ratio Lower Upper
88 100
58 75.4 59.2 88.8
43 28.9 21.7 32.5





#3
Pyridine
Concen: 37.962 ng
RT: 3.731 min Scan# 119
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

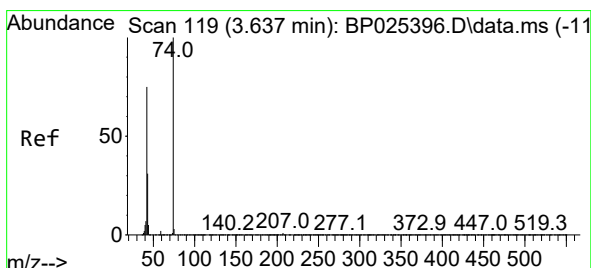
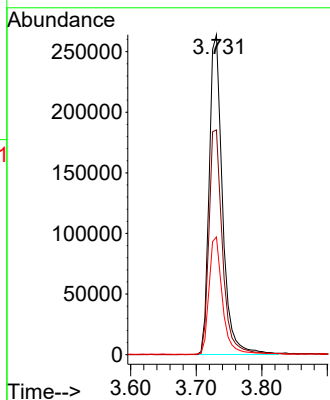
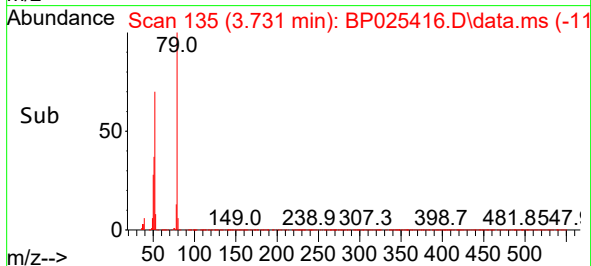
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



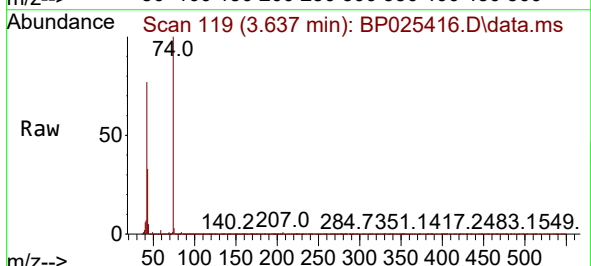
Tgt Ion: 79 Resp: 37307
Ion Ratio Lower Upper
79 100
52 70.3 55.5 83.3
51 36.8 28.3 42.5

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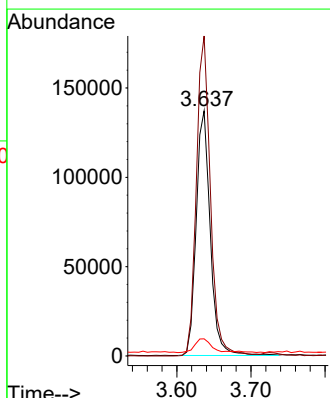
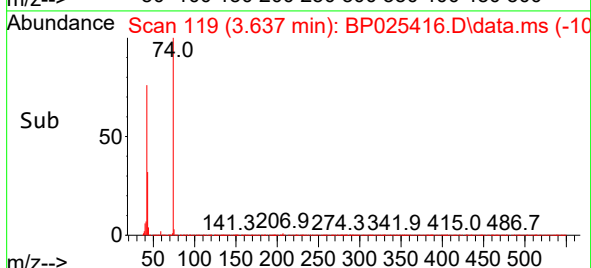
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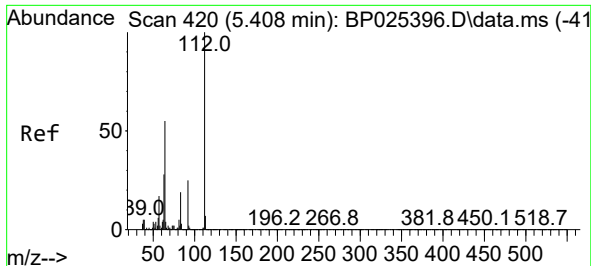


#4
n-Nitrosodimethylamine
Concen: 44.636 ng
RT: 3.637 min Scan# 119
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29



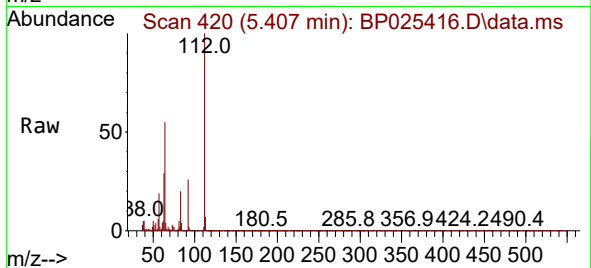
Tgt Ion: 42 Resp: 180846
Ion Ratio Lower Upper
42 100
74 130.6 107.0 160.4
44 7.0 6.2 9.4





#5
2-Fluorophenol
Concen: 88.108 ng
RT: 5.407 min Scan# 41
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

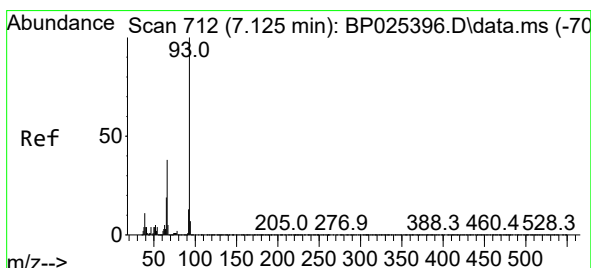
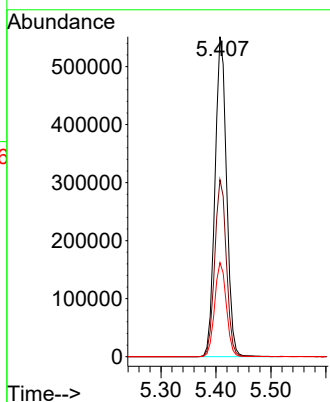
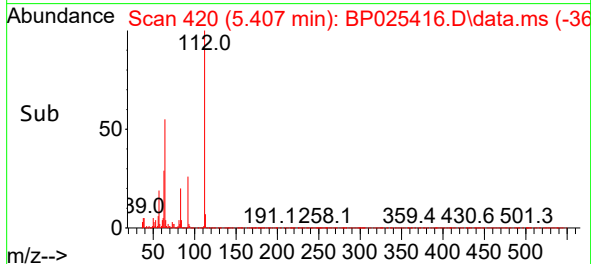
Instrument :
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ClientSampleId :
88H-EMSD



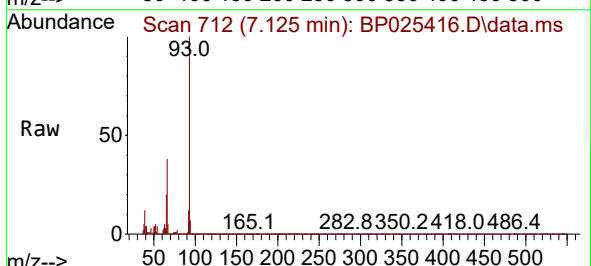
Tgt Ion: 112 Resp: 80764
Ion Ratio Lower Upper
112 100
64 55.3 43.8 65.8
63 29.4 22.7 34.1

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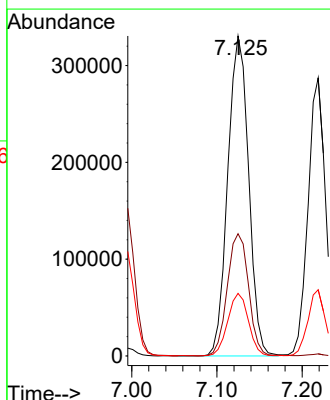
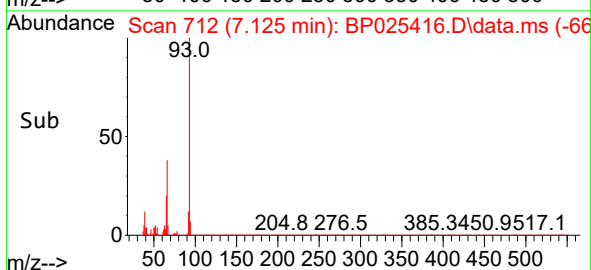
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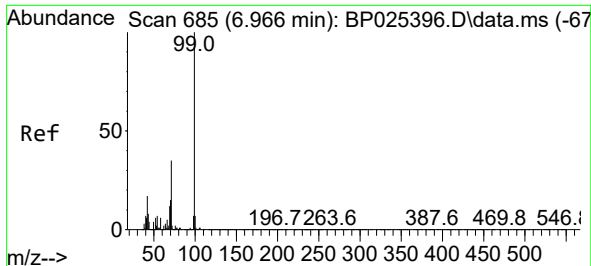


#6
Aniline
Concen: 35.538 ng
RT: 7.125 min Scan# 712
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29



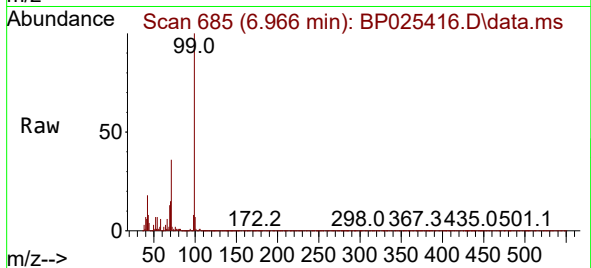
Tgt Ion: 93 Resp: 562721
Ion Ratio Lower Upper
93 100
66 38.2 30.4 45.6
65 19.5 15.3 22.9





#7
Phenol-d6
Concen: 89.644 ng
RT: 6.966 min Scan# 685
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

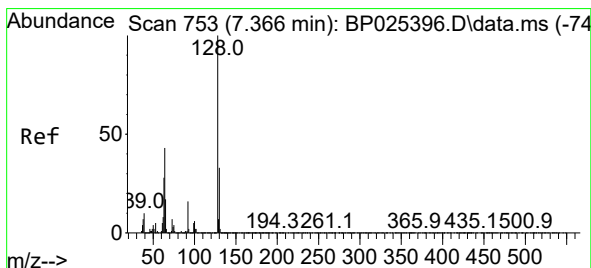
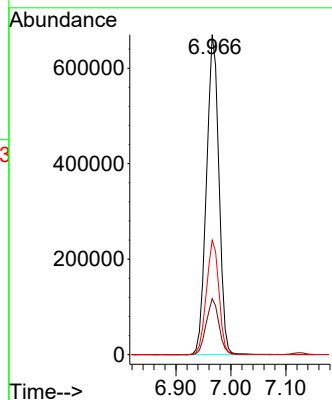
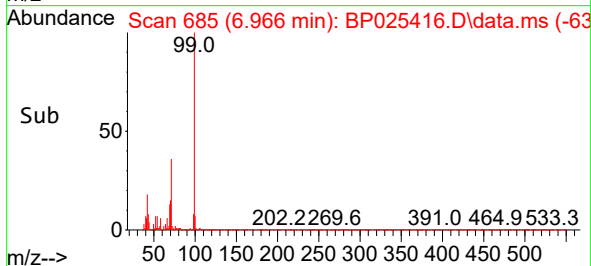
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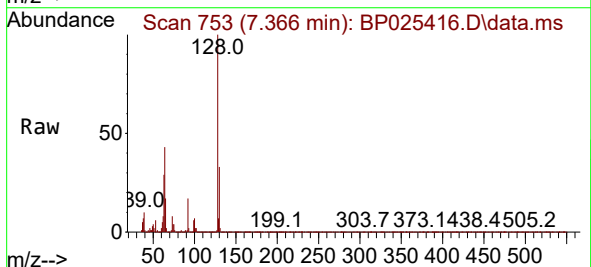
Tgt Ion: 99 Resp: 1053520
Ion Ratio Lower Upper
99 100
42 17.5 13.7 20.5
71 35.8 28.2 42.4

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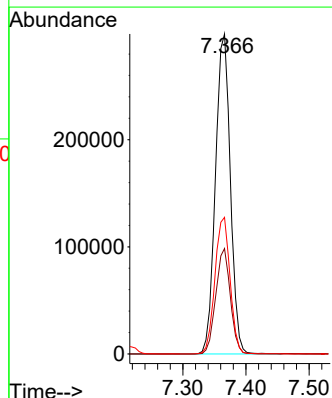
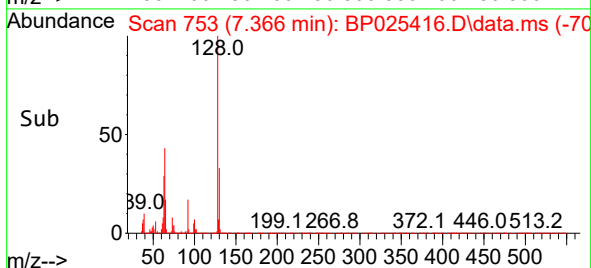
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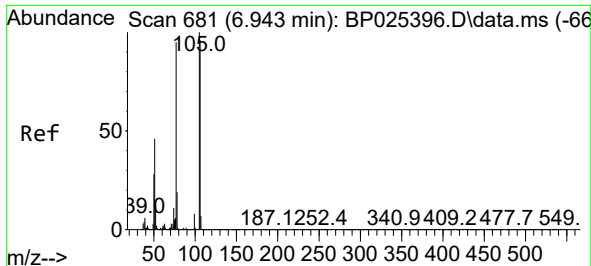


#8
2-Chlorophenol
Concen: 47.363 ng
RT: 7.366 min Scan# 753
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29



Tgt Ion:128 Resp: 489929
Ion Ratio Lower Upper
128 100
130 33.0 12.6 52.6
64 42.7 23.4 63.4





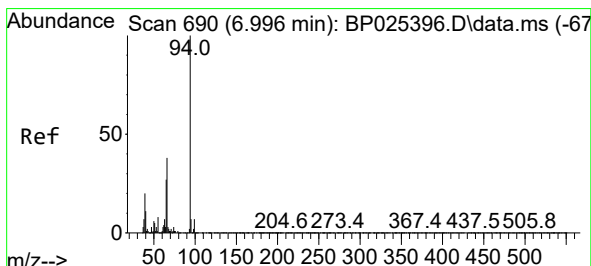
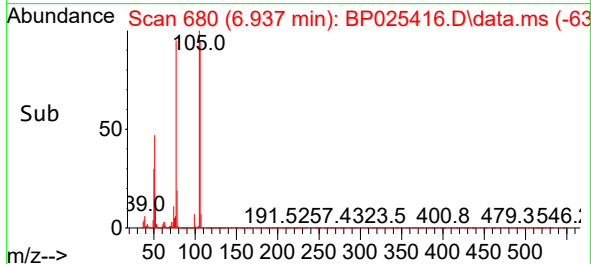
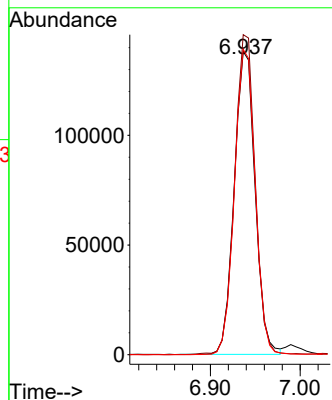
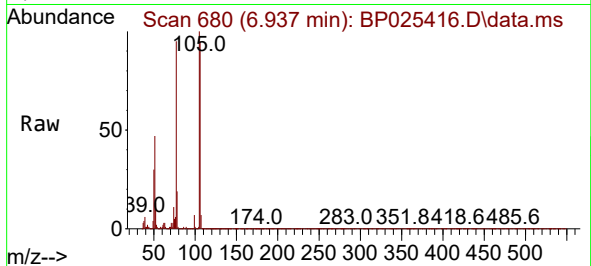
#9
Benzaldehyde
Concen: 27.098 ng
RT: 6.937 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

Instrument :
BNA_P
ClientSampleId :
88H-EMSD

Tgt Ion: 77 Resp: 22312
Ion Ratio Lower Upper
77 100
105 105.6 84.8 124.8
106 100.7 80.5 120.5

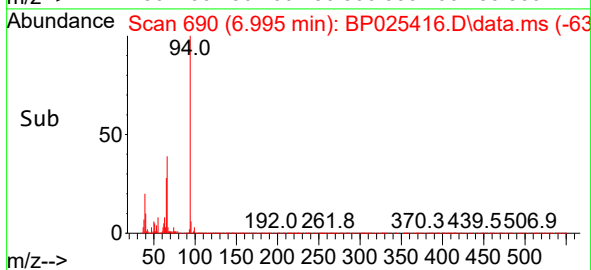
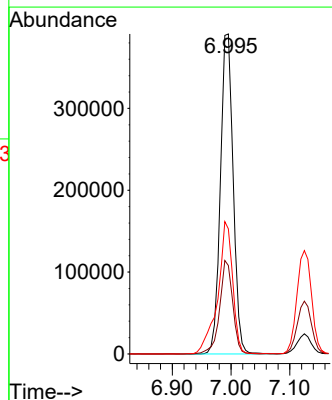
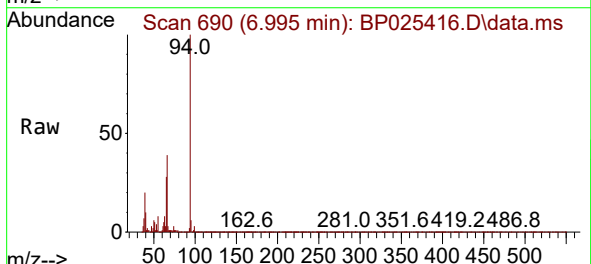
Manual Integrations
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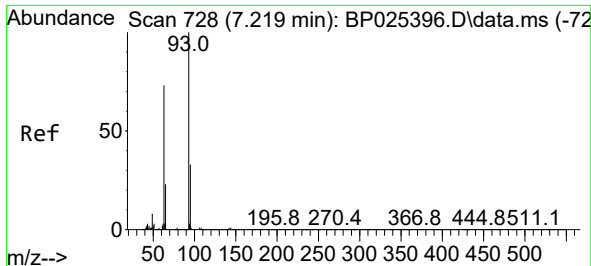
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#10
Phenol
Concen: 48.018 ng
RT: 6.995 min Scan# 690
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

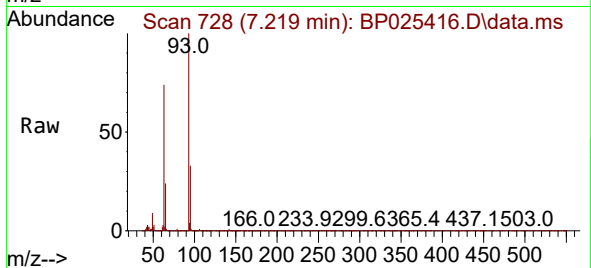
Tgt Ion: 94 Resp: 592156
Ion Ratio Lower Upper
94 100
65 27.7 6.8 46.8
66 39.1 18.2 58.2





#11
bis(2-Chloroethyl)ether
Concen: 42.890 ng
RT: 7.219 min Scan# 728
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

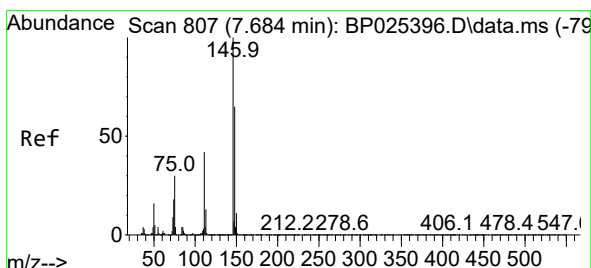
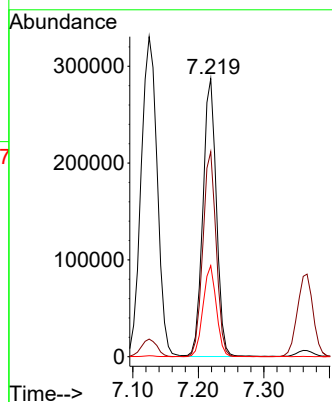
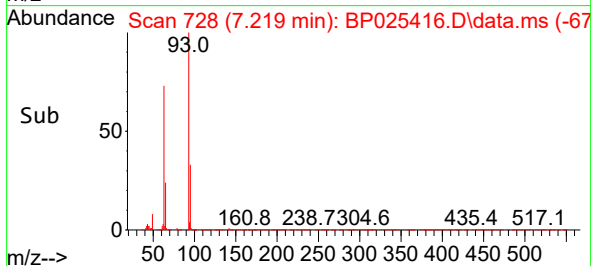
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



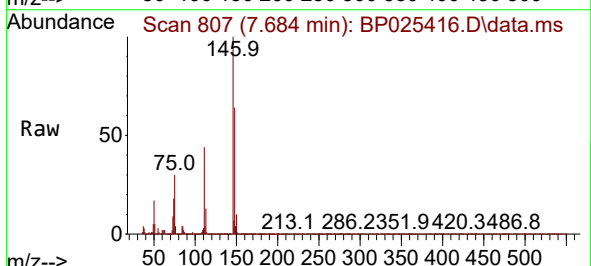
Tgt Ion: 93 Resp: 412250
Ion Ratio Lower Upper
93 100
63 73.7 52.6 92.6
95 32.7 12.7 52.7

Manual Integrations
APPROVED

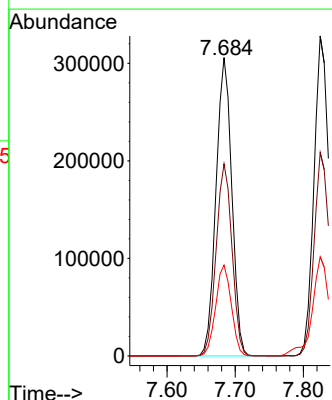
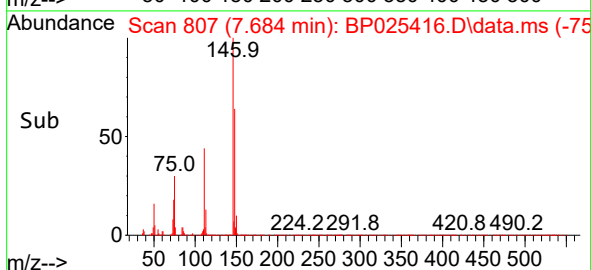
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

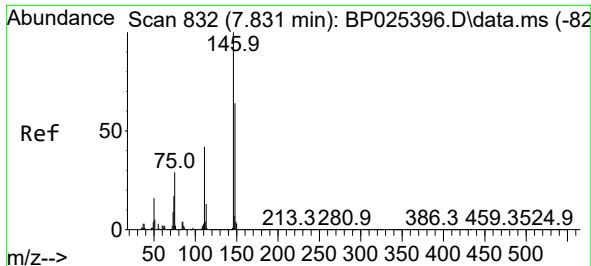


#12
1,3-Dichlorobenzene
Concen: 43.176 ng
RT: 7.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29



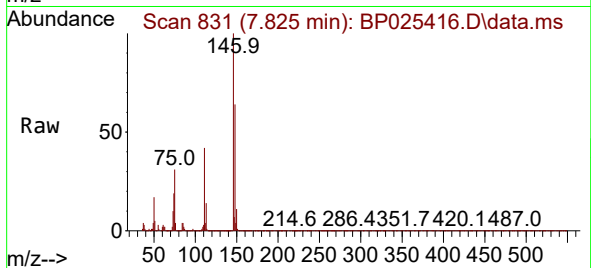
Tgt Ion:146 Resp: 492466
Ion Ratio Lower Upper
146 100
148 64.4 51.9 77.9
75 30.4 23.7 35.5





#13
1,4-Dichlorobenzene
Concen: 43.215 ng
RT: 7.825 min Scan# 811
Delta R.T. -0.006 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

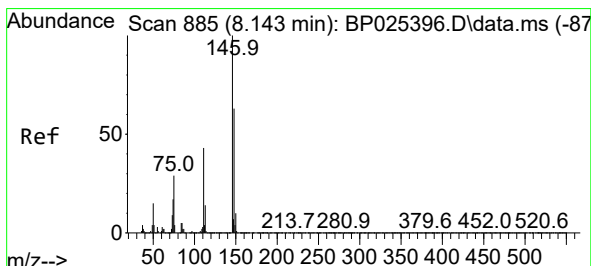
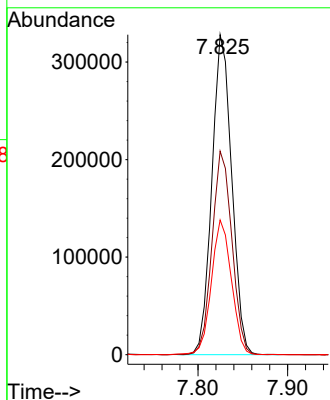
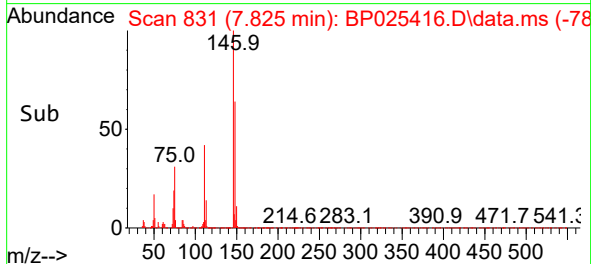
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



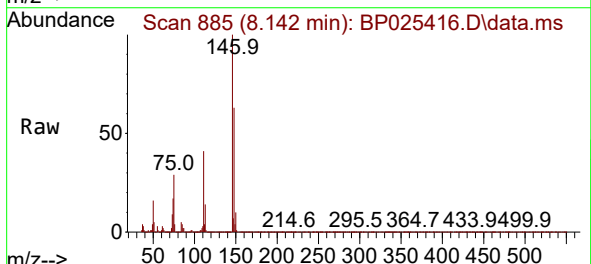
Tgt Ion:146 Resp: 50381
Ion Ratio Lower Upper
146 100
148 63.6 51.6 77.4
111 42.1 33.4 50.0

Manual Integrations
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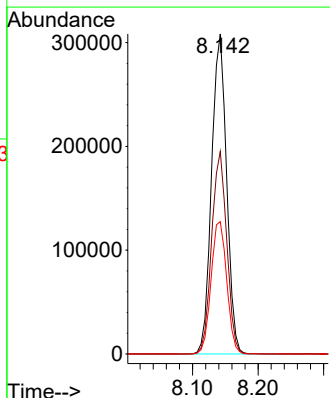
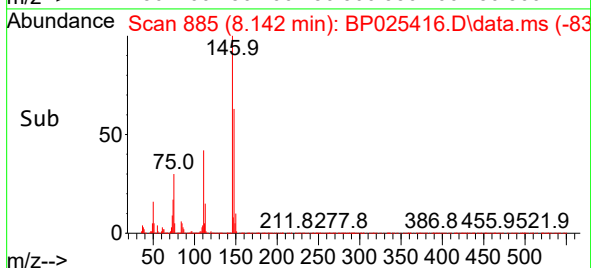
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

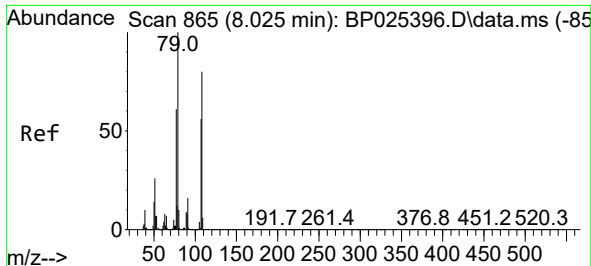


#14
1,2-Dichlorobenzene
Concen: 43.388 ng
RT: 8.142 min Scan# 885
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29



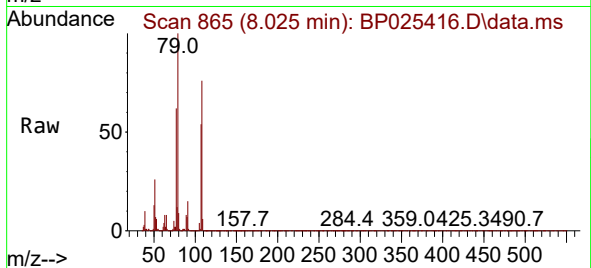
Tgt Ion:146 Resp: 489651
Ion Ratio Lower Upper
146 100
148 63.3 50.4 75.6
111 41.4 34.5 51.7





#15
Benzyl Alcohol
Concen: 46.169 ng
RT: 8.025 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

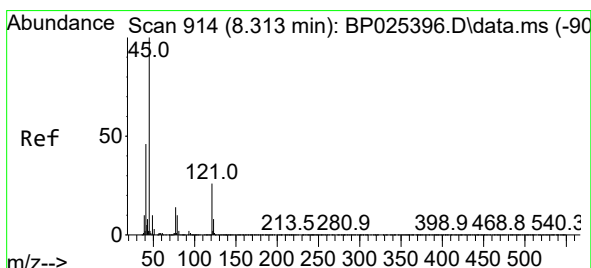
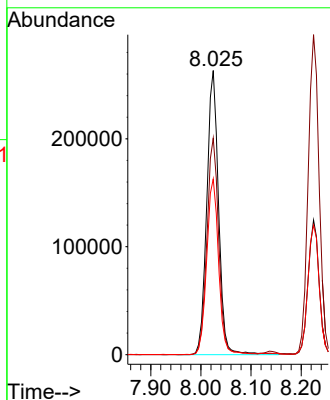
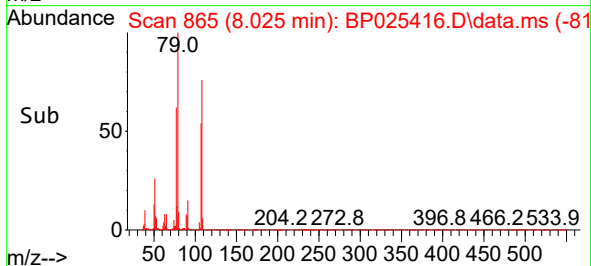
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



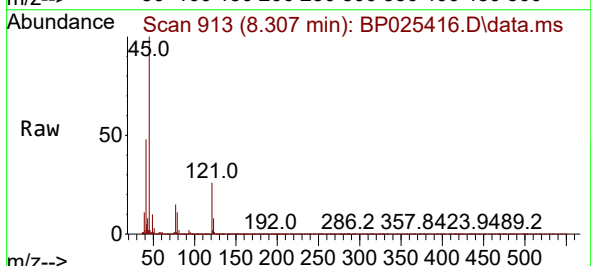
Tgt Ion: 79 Resp: 431125
Ion Ratio Lower Upper
79 100
108 76.2 63.8 95.6
77 61.9 49.0 73.4

Manual Integrations
APPROVED

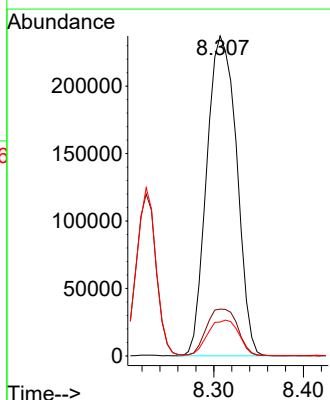
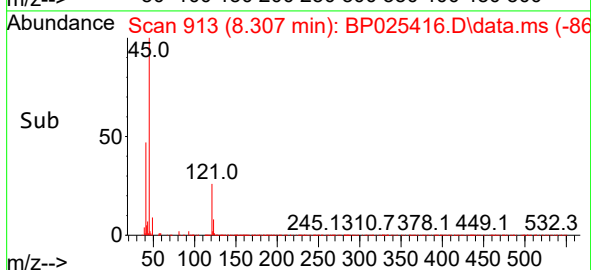
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

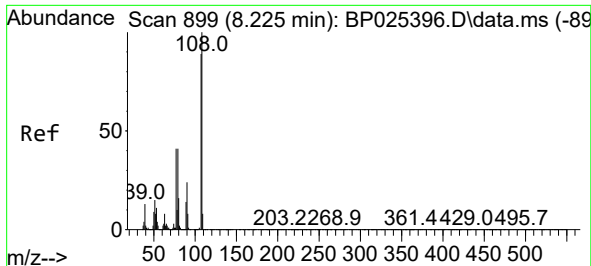


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.566 ng
RT: 8.307 min Scan# 913
Delta R.T. -0.006 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29



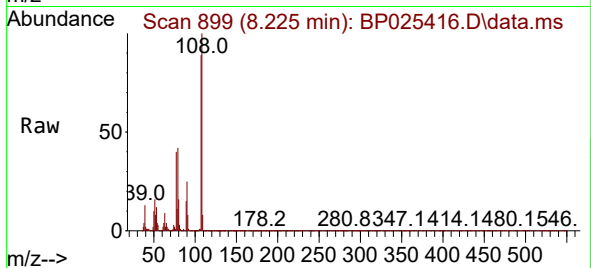
Tgt Ion: 45 Resp: 548076
Ion Ratio Lower Upper
45 100
77 14.6 0.0 35.3
79 10.6 0.0 31.8





#17
2-Methylphenol
Concen: 47.084 ng
RT: 8.225 min Scan# 899
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

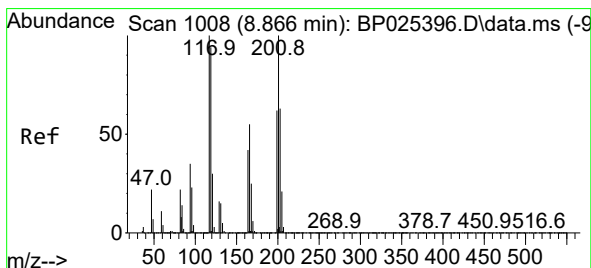
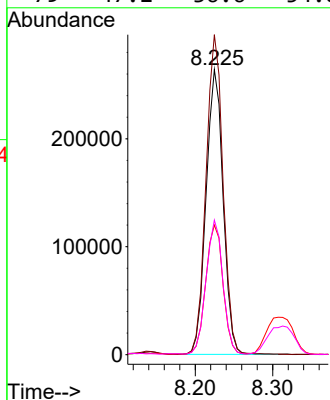
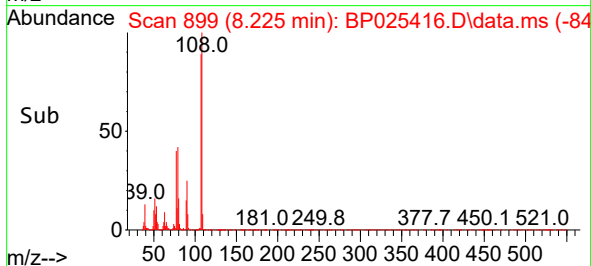
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.2	89.4	134.0
77	45.4	36.3	54.5
79	47.2	36.6	54.8

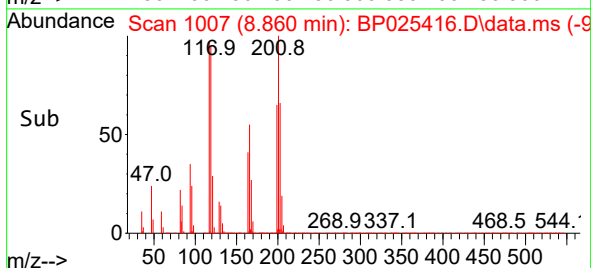
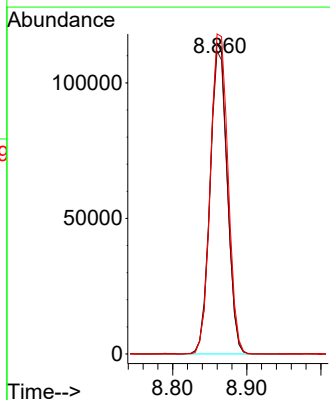
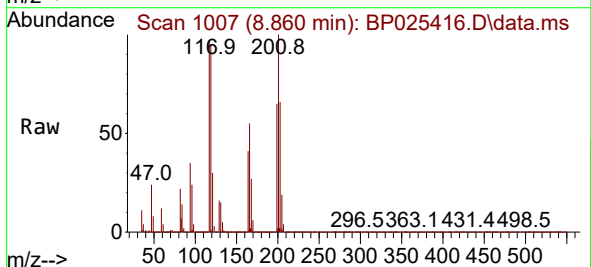
Manual Integrations
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Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#18
Hexachloroethane
Concen: 43.040 ng
RT: 8.860 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

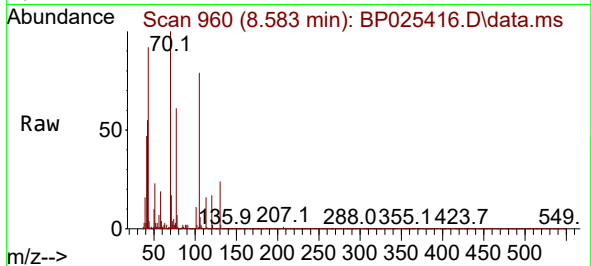
Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	75.1	112.7
201	103.0	80.1	120.1





#19
n-Nitroso-di-n-propylamine
Concen: 42.334 ng
RT: 8.583 min Scan# 961
Delta R.T. -0.006 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

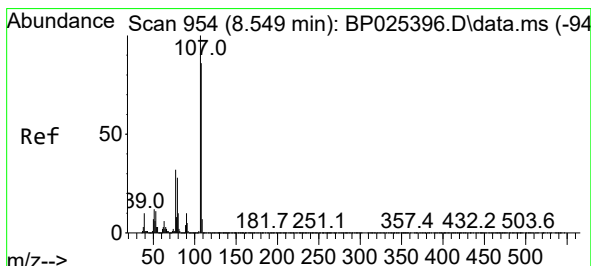
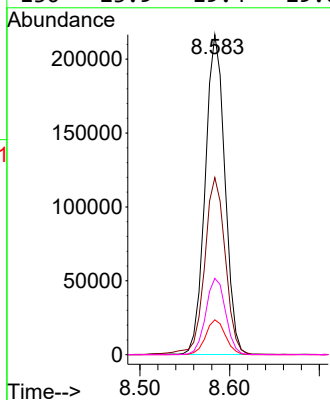
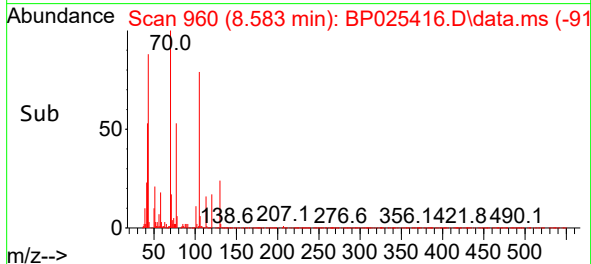
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



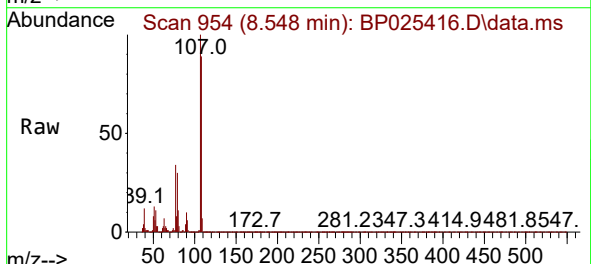
Tgt Ion: 70 Resp: 32954
Ion Ratio Lower Upper
70 100
42 55.3 43.8 65.6
101 10.9 8.5 12.7
130 23.9 19.4 29.0

Manual Integrations
APPROVED

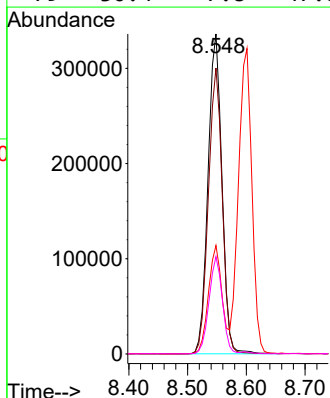
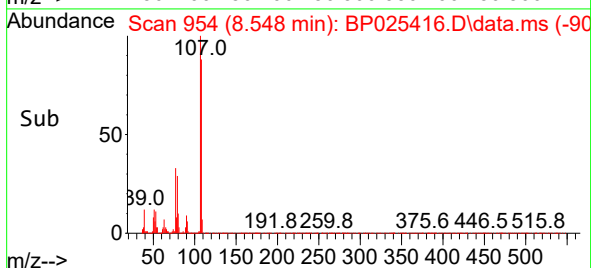
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

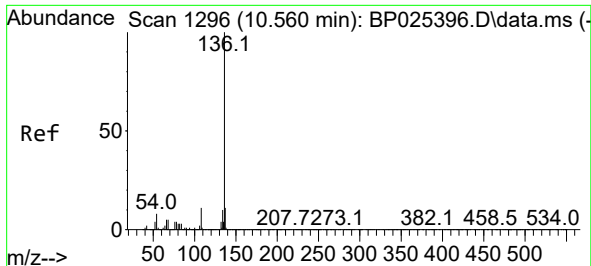


#20
3+4-Methylphenols
Concen: 46.519 ng
RT: 8.548 min Scan# 954
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29



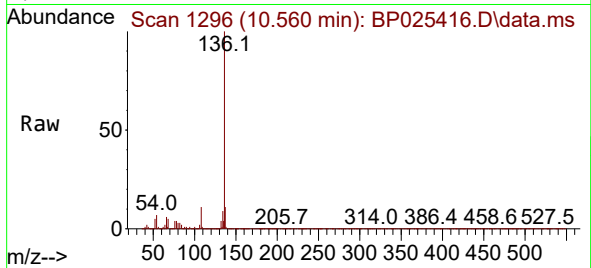
Tgt Ion:107 Resp: 552270
Ion Ratio Lower Upper
107 100
108 89.3 66.3 106.3
77 33.9 12.3 52.3
79 30.4 7.8 47.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

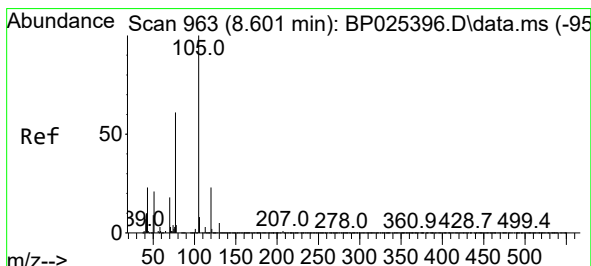
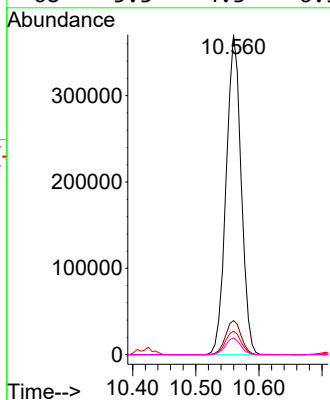
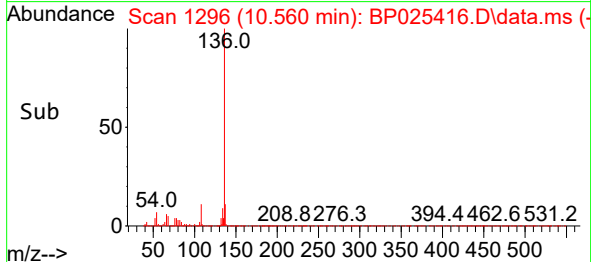
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:	136	Resp:	61174
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.2	13.8
54	7.4	6.0	9.0
68	5.3	4.3	6.5

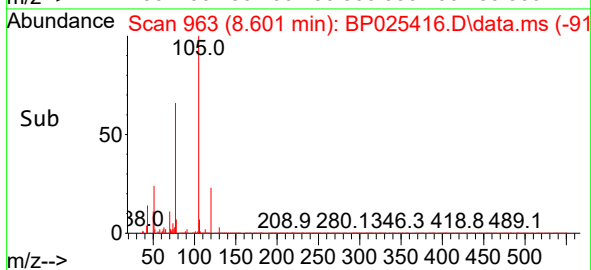
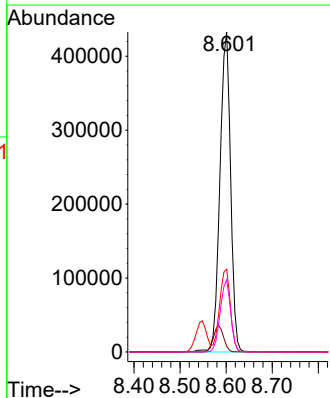
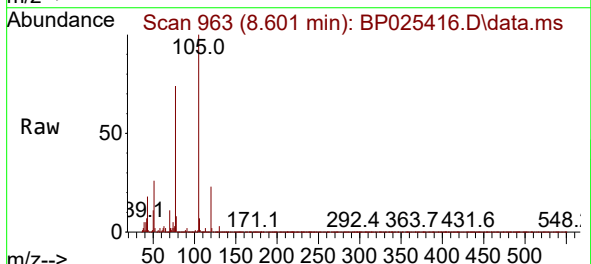
Manual Integrations
APPROVED

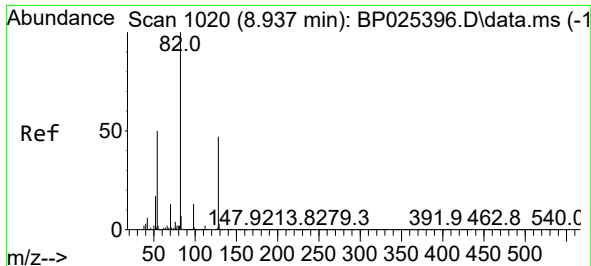
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#22
Acetophenone
Concen: 45.089 ng
RT: 8.601 min Scan# 963
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

Tgt Ion:	105	Resp:	691731
Ion Ratio	Lower	Upper	
105	100		
71	1.8	2.6	4.0#
51	25.9	20.6	30.8
120	22.5	18.6	27.8





#23

Nitrobenzene-d5

Concen: 54.506 ng

RT: 8.931 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BP025416.D

Acq: 15 Aug 2025 06:29

Instrument :

BNA_P

ClientSampleId :

88H-EMSD

Tgt Ion: 82 Resp: 65916

Ion Ratio Lower Upper

82 100

128 46.4 37.7 56.5

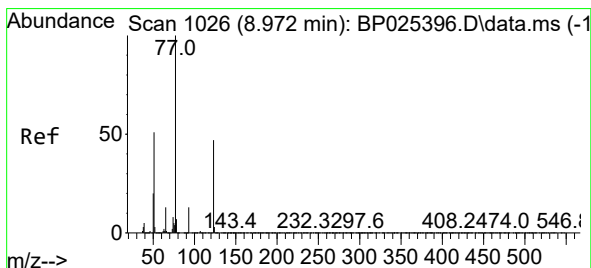
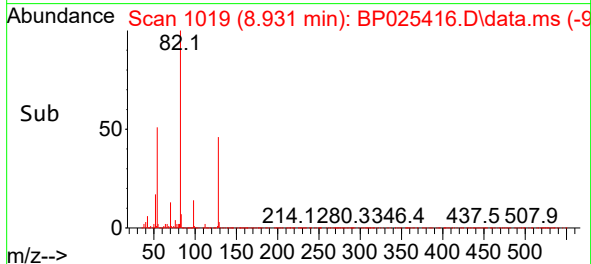
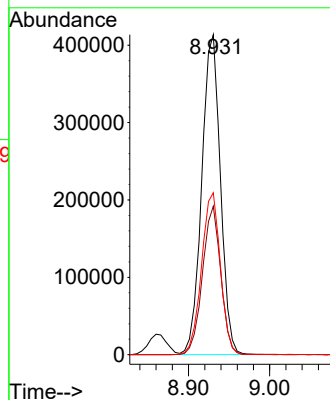
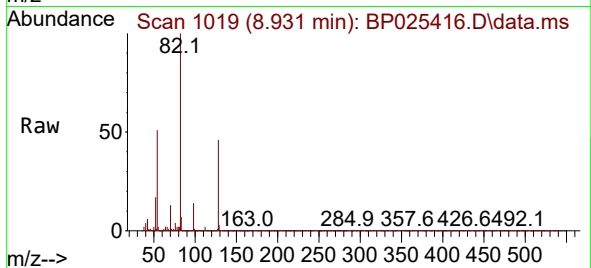
54 50.6 39.8 59.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#24

Nitrobenzene

Concen: 45.537 ng

RT: 8.966 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BP025416.D

Acq: 15 Aug 2025 06:29

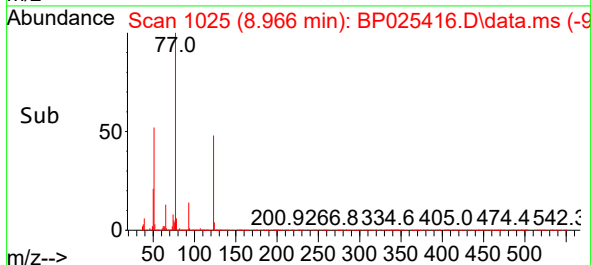
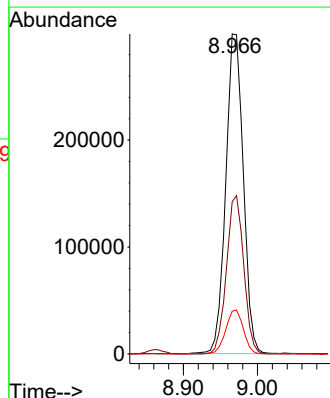
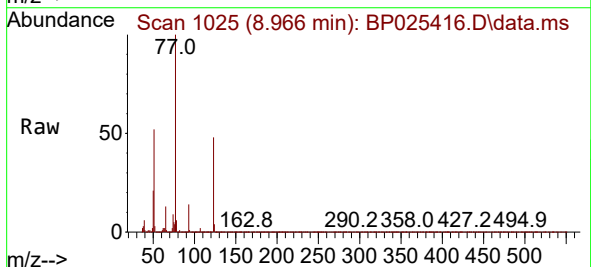
Tgt Ion: 77 Resp: 492167

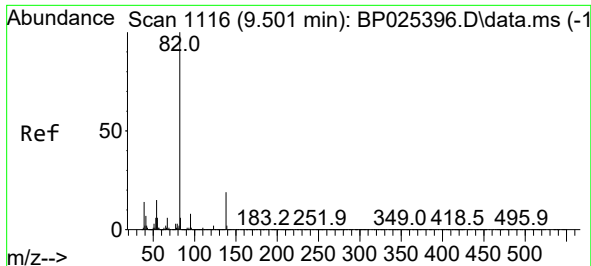
Ion Ratio Lower Upper

77 100

123 47.5 38.6 58.0

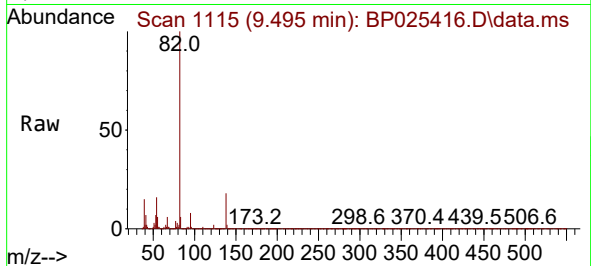
65 13.4 10.6 15.8





#25
Isophorone
Concen: 43.780 ng
RT: 9.495 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

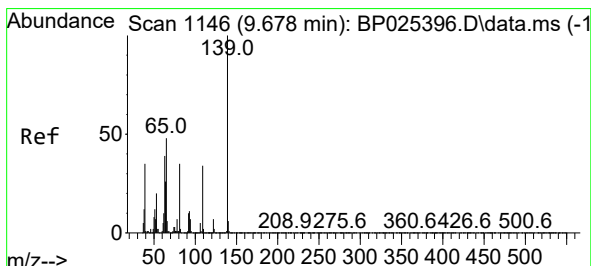
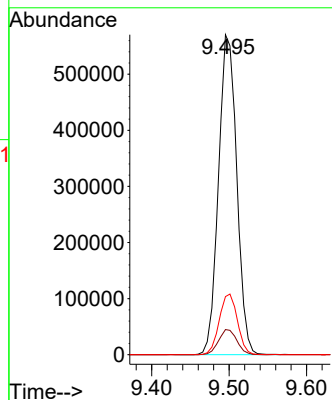
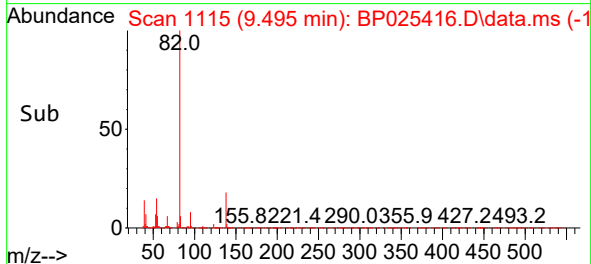
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



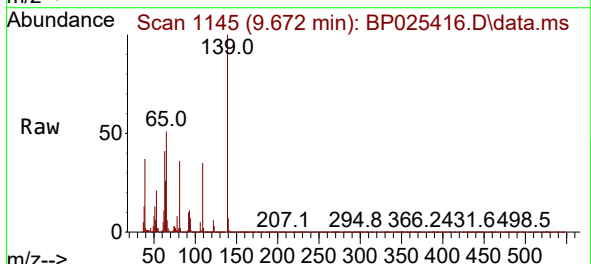
Tgt Ion: 82 Resp: 93698
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 18.1 15.4 23.0

Manual Integrations
APPROVED

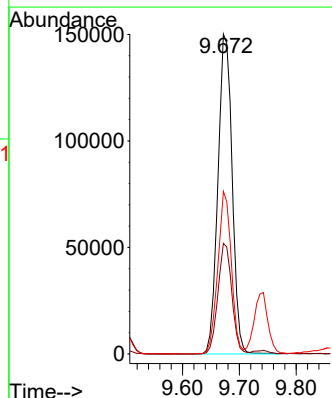
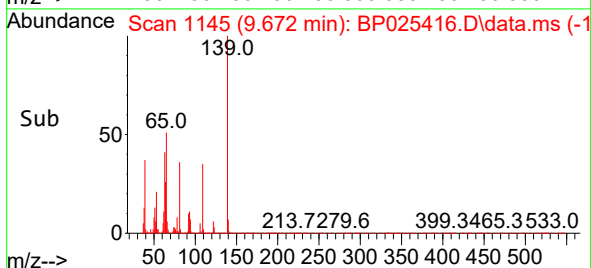
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

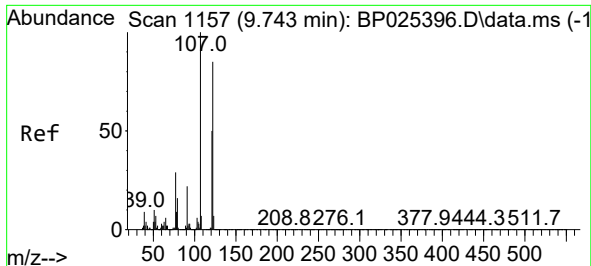


#26
2-Nitrophenol
Concen: 47.070 ng
RT: 9.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29



Tgt Ion:139 Resp: 261087
Ion Ratio Lower Upper
139 100
109 34.5 26.9 40.3
65 50.8 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 48.685 ng

RT: 9.736 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BP025416.D

Acq: 15 Aug 2025 06:29

Instrument :

BNA_P

ClientSampleId :

88H-EMSD

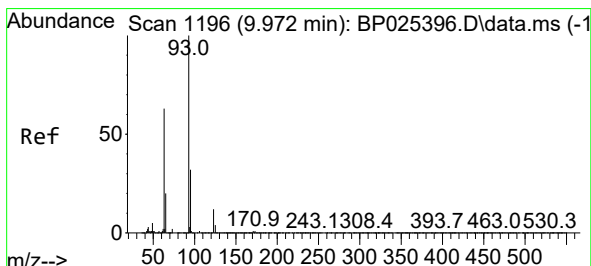
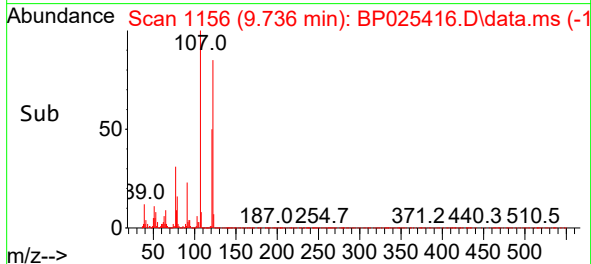
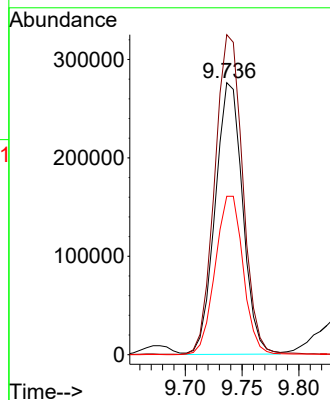
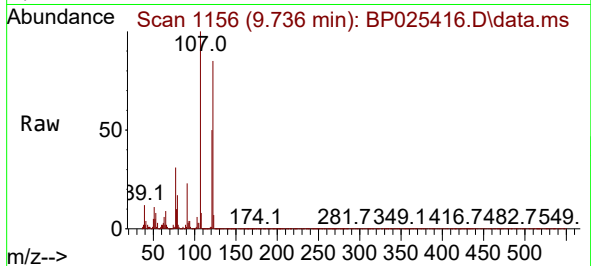
Tgt Ion:	122	Resp:	464398
Ion	Ratio	Lower	Upper
122	100		
107	117.6	93.7	140.5
121	58.2	46.6	69.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#28

bis(2-Chloroethoxy)methane

Concen: 44.160 ng

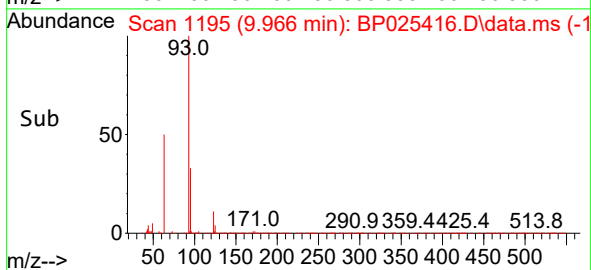
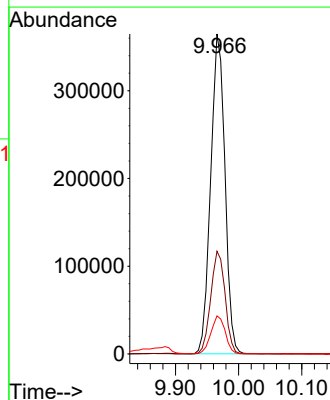
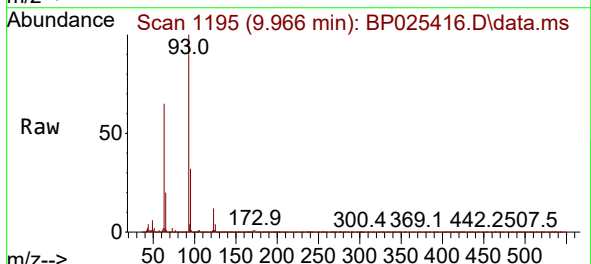
RT: 9.966 min Scan# 1195

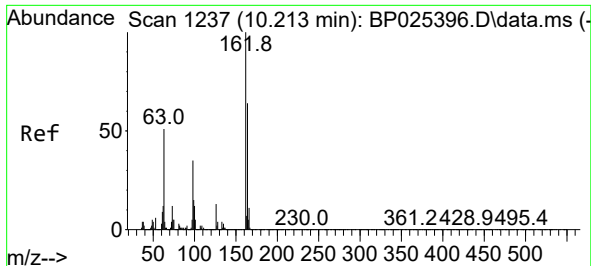
Delta R.T. -0.006 min

Lab File: BP025416.D

Acq: 15 Aug 2025 06:29

Tgt Ion:	93	Resp:	571301
Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.4	38.0
123	11.9	9.4	14.0





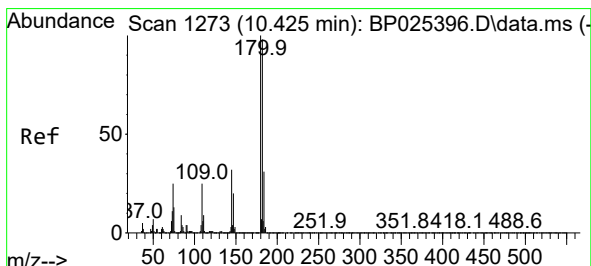
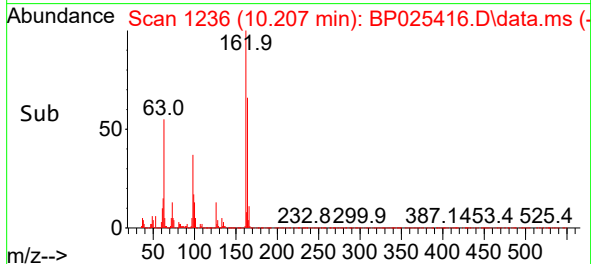
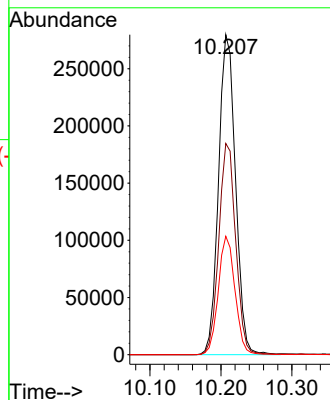
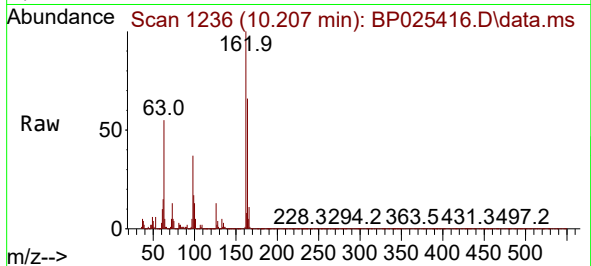
#29
2,4-Dichlorophenol
Concen: 48.875 ng
RT: 10.207 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

Instrument :
BNA_P
ClientSampleId :
88H-EMSD

Tgt Ion:162 Resp: 463120
Ion Ratio Lower Upper
162 100
164 66.0 44.4 84.4
98 37.0 14.9 54.9

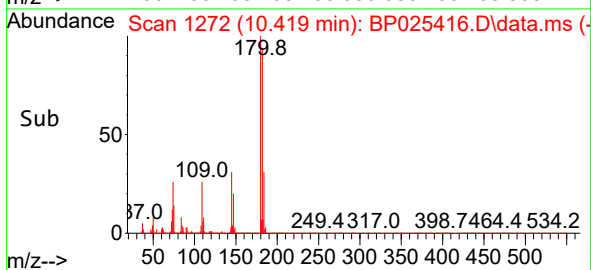
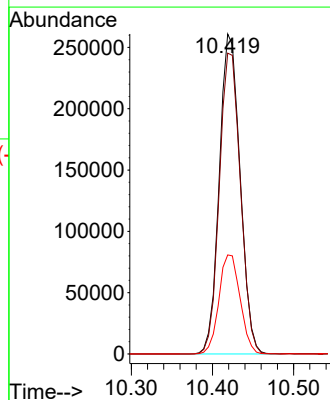
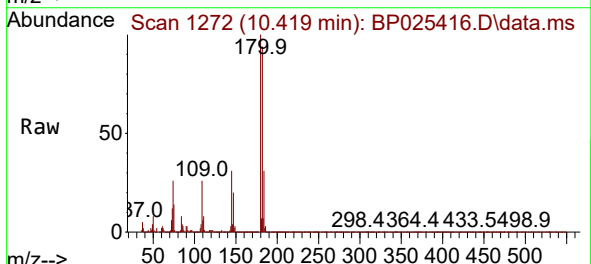
Manual Integrations
APPROVED

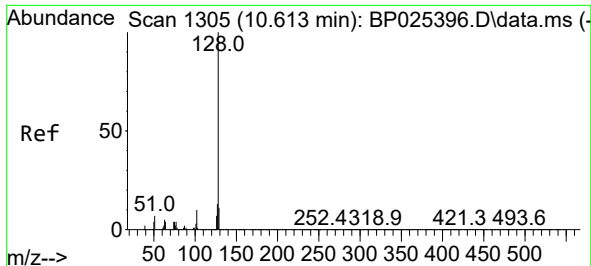
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#30
1,2,4-Trichlorobenzene
Concen: 44.788 ng
RT: 10.419 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

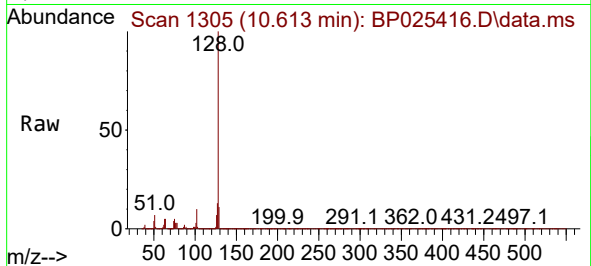
Tgt Ion:180 Resp: 465232
Ion Ratio Lower Upper
180 100
182 94.0 78.0 117.0
145 31.0 25.9 38.9





#31
Naphthalene
Concen: 44.490 ng
RT: 10.613 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

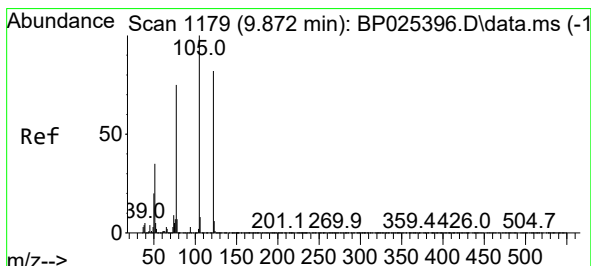
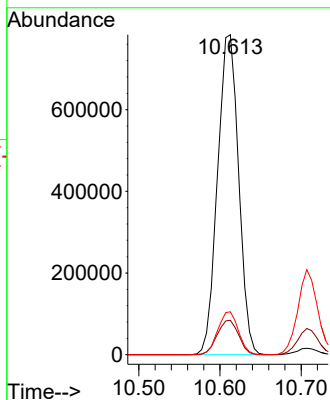
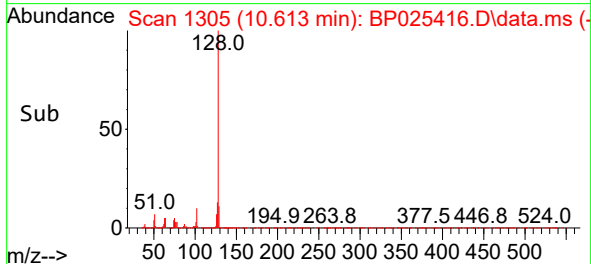
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



Tgt Ion:128 Resp: 141458
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.4 10.7 16.1

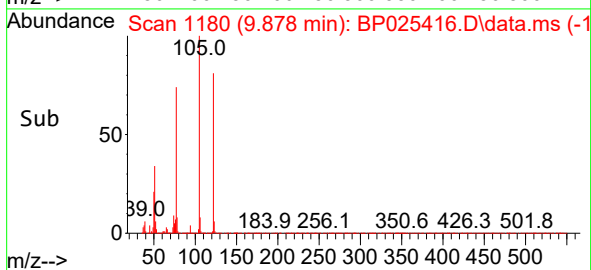
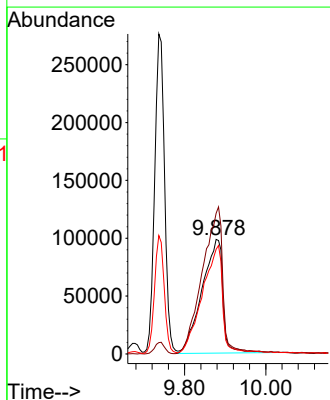
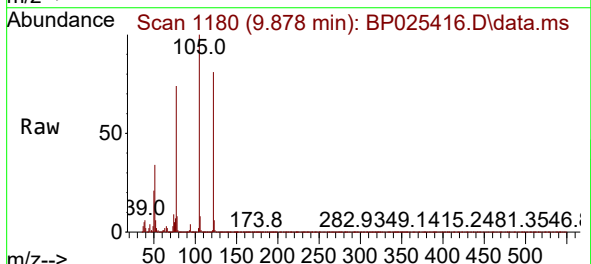
Manual Integrations
APPROVED

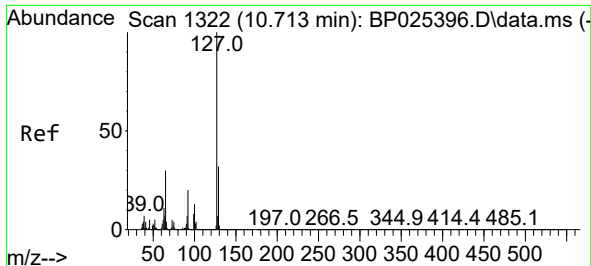
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#32
Benzoic acid
Concen: 49.917 ng
RT: 9.878 min Scan# 1180
Delta R.T. 0.006 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

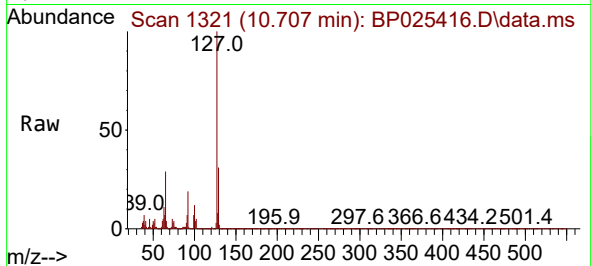
Tgt Ion:122 Resp: 351527
Ion Ratio Lower Upper
122 100
105 122.8 100.6 140.6
77 91.3 71.5 111.5





#33
4-Chloroaniline
Concen: 25.385 ng
RT: 10.707 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

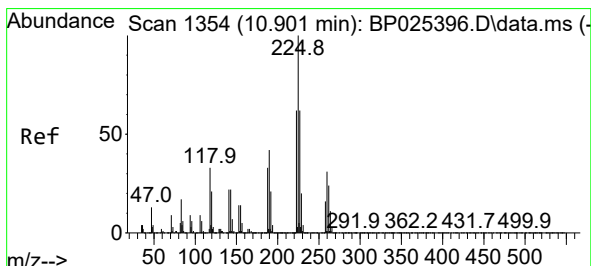
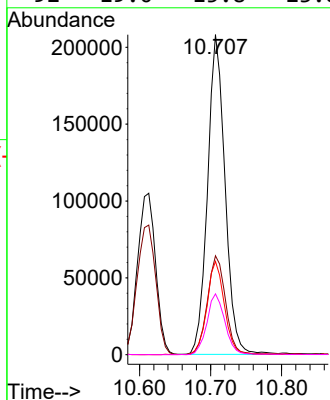
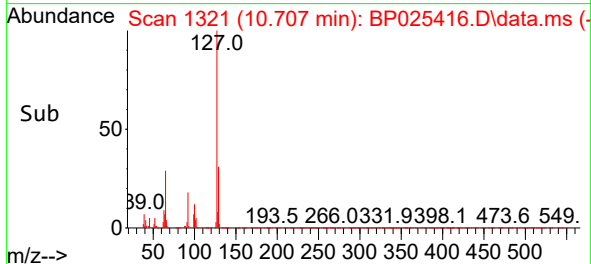
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



Tgt Ion:127 Resp: 356528
Ion Ratio Lower Upper
127 100
129 30.9 25.4 38.2
65 29.2 23.8 35.6
92 19.0 15.8 23.8

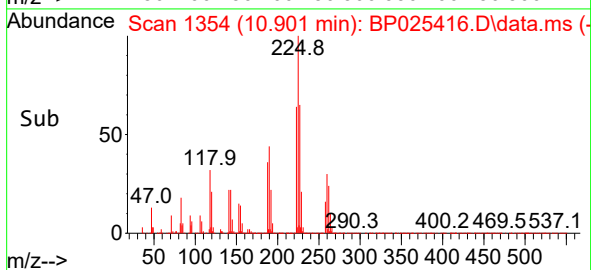
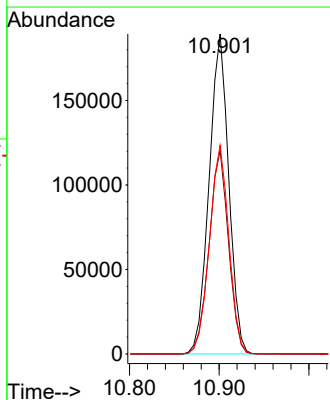
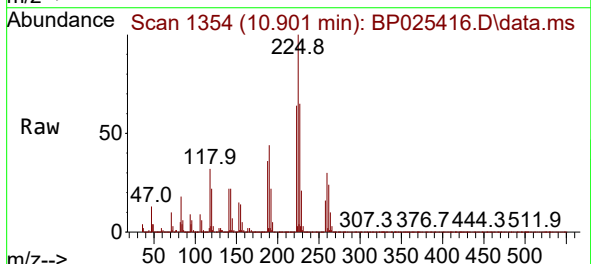
Manual Integrations
APPROVED

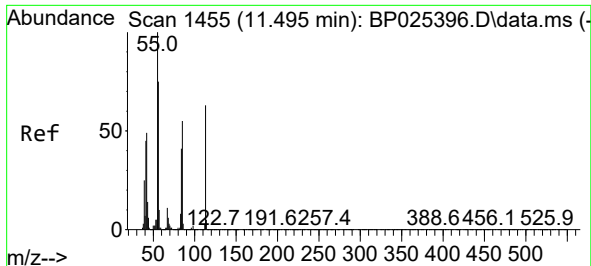
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#34
Hexachlorobutadiene
Concen: 44.305 ng
RT: 10.901 min Scan# 1354
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

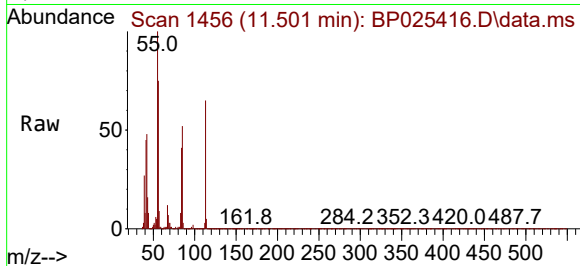
Tgt Ion:225 Resp: 286611
Ion Ratio Lower Upper
225 100
223 63.6 50.0 75.0
227 65.2 49.7 74.5





#35
Caprolactam
Concen: 47.563 ng m
RT: 11.501 min Scan# 1455
Delta R.T. 0.006 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

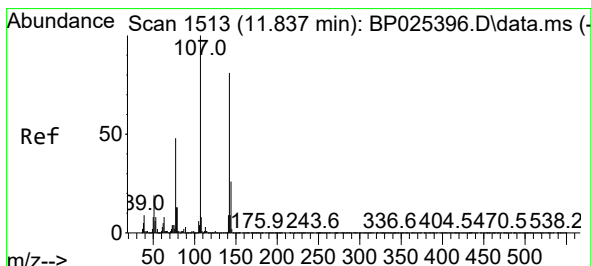
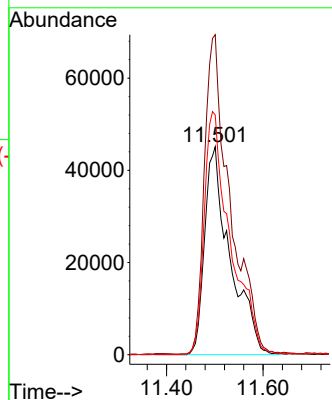
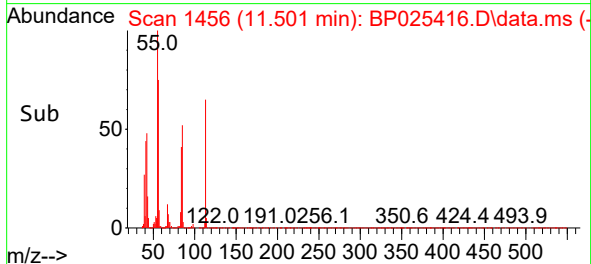
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



Tgt Ion:113 Resp: 165259
Ion Ratio Lower Upper
113 100
55 153.8 140.0 180.0
56 115.2 100.0 140.0

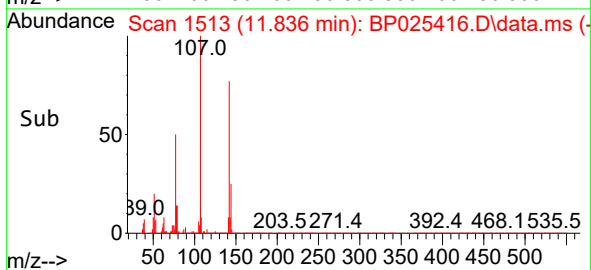
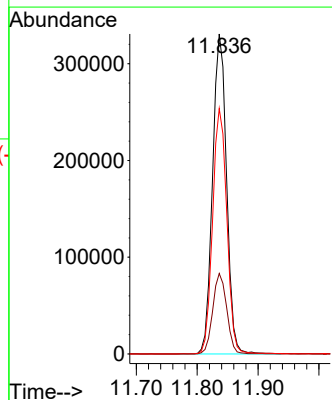
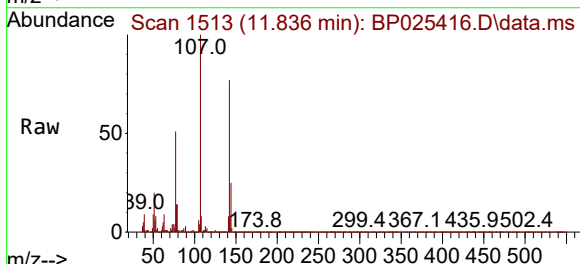
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#36
4-Chloro-3-methylphenol
Concen: 48.688 ng
RT: 11.836 min Scan# 1513
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

Tgt Ion:107 Resp: 529393
Ion Ratio Lower Upper
107 100
144 25.2 21.0 31.4
142 76.7 64.6 97.0





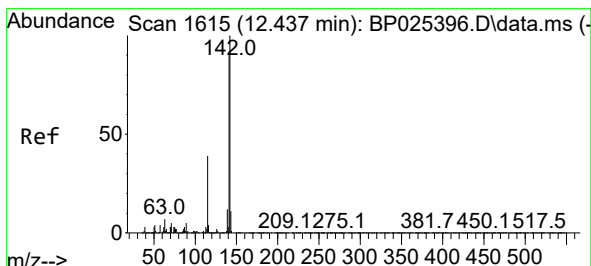
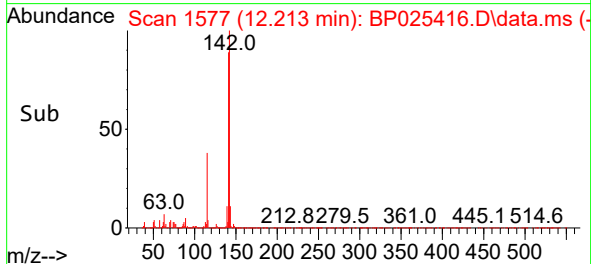
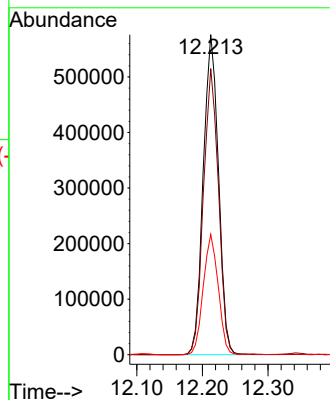
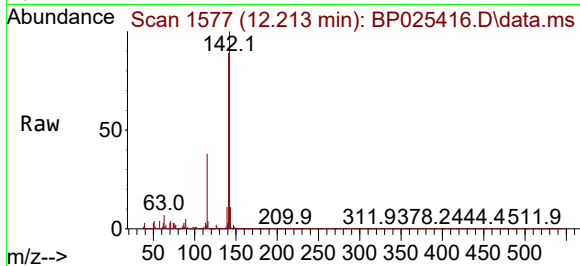
#37
2-Methylnaphthalene
Concen: 45.034 ng
RT: 12.213 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

Instrument :
BNA_P
ClientSampleId :
88H-EMSD

Tgt Ion:142 Resp: 93183
Ion Ratio Lower Upper
142 100
141 89.4 70.3 105.5
115 37.6 28.9 43.3

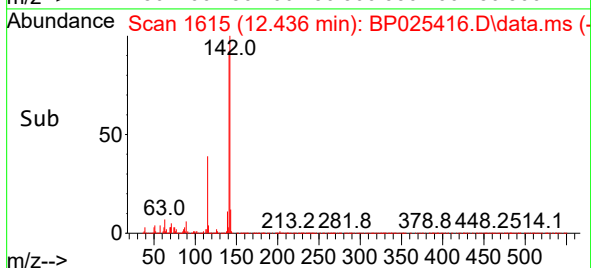
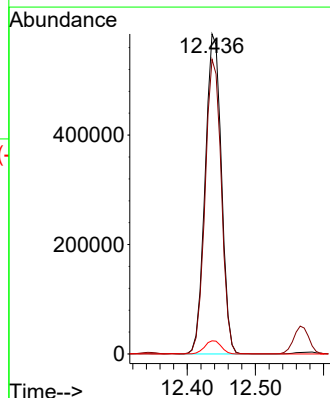
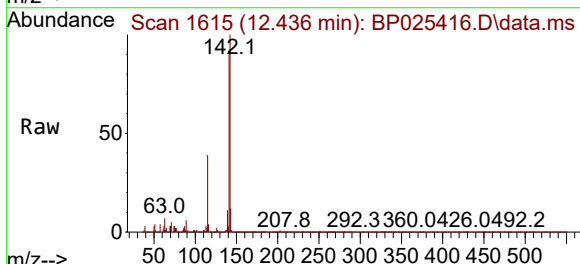
Manual Integrations
APPROVED

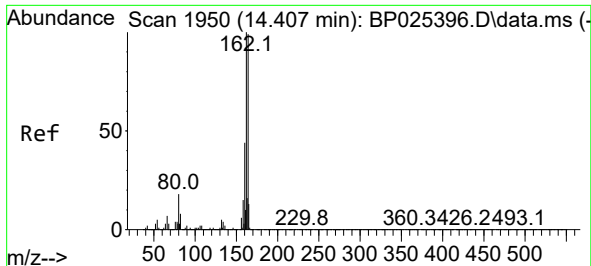
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#38
1-Methylnaphthalene
Concen: 44.028 ng
RT: 12.436 min Scan# 1615
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

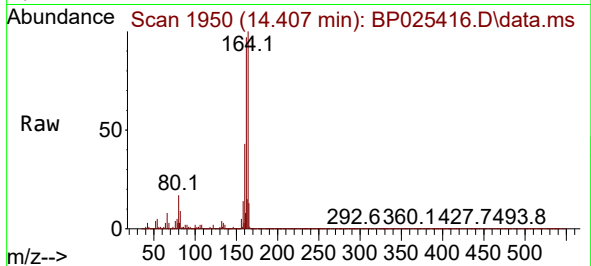
Tgt Ion:142 Resp: 968839
Ion Ratio Lower Upper
142 100
141 92.1 73.1 109.7
116 4.1 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.407 min Scan# 1950
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

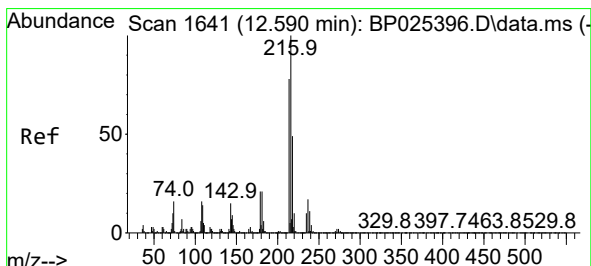
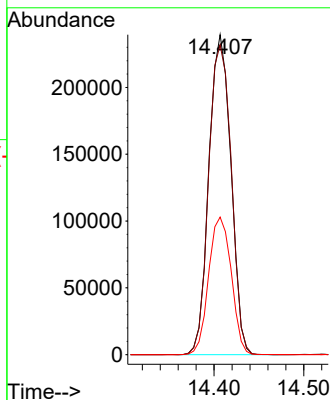
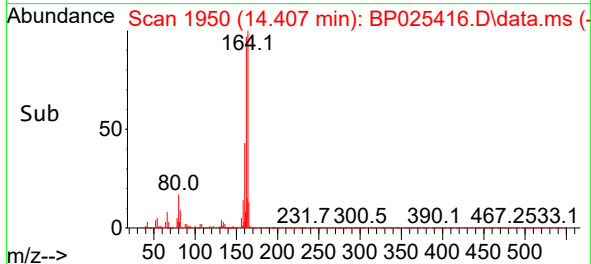
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



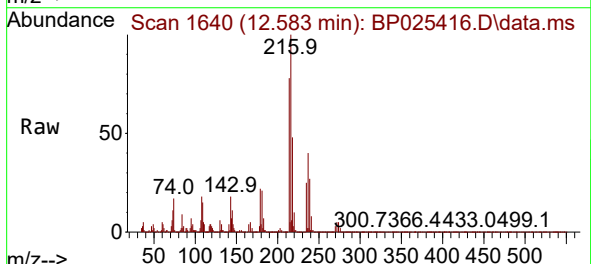
Tgt Ion:164 Resp: 408254
Ion Ratio Lower Upper
164 100
162 96.8 81.0 121.6
160 43.0 35.4 53.2

Manual Integrations
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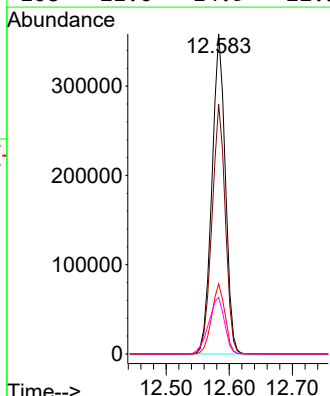
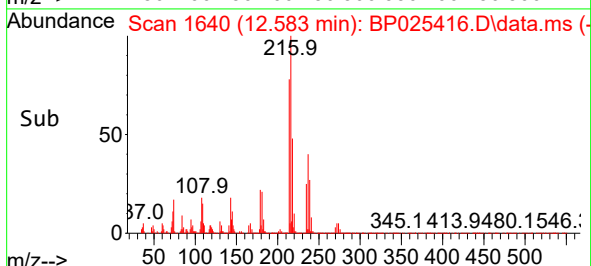
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.798 ng
RT: 12.583 min Scan# 1640
Delta R.T. -0.006 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29



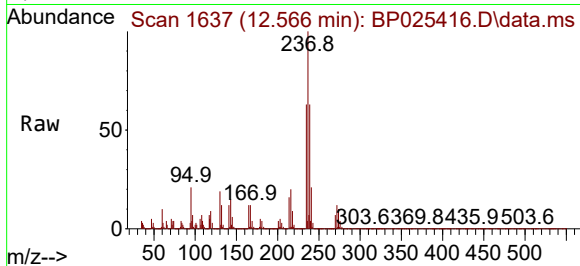
Tgt Ion:216 Resp: 528206
Ion Ratio Lower Upper
216 100
214 77.7 63.0 94.4
179 21.8 17.1 25.7
108 21.0 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 90.202 ng
RT: 12.566 min Scan# 1637
Delta R.T. -0.006 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

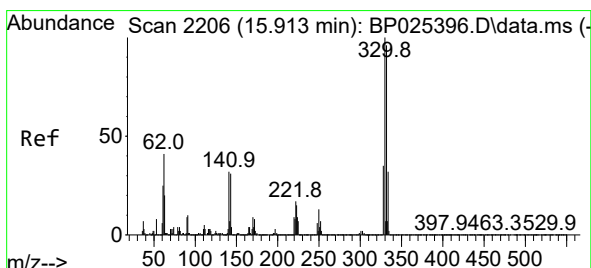
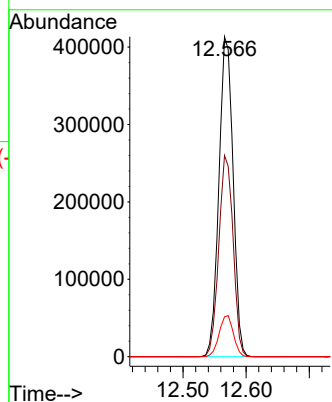
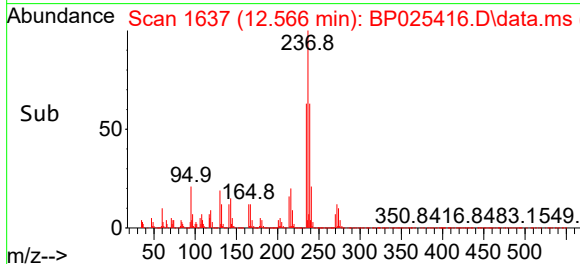
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



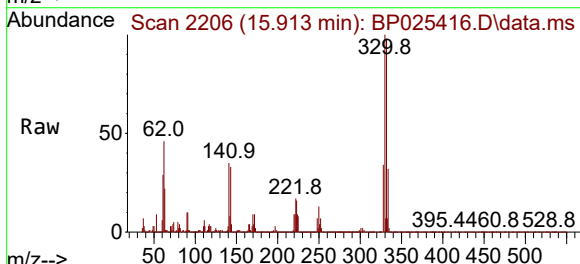
Tgt Ion: 237 Resp: 642432
Ion Ratio Lower Upper
237 100
235 62.9 42.7 82.7
272 12.5 0.0 34.0

Manual Integrations
APPROVED

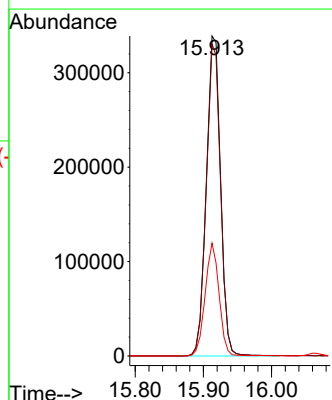
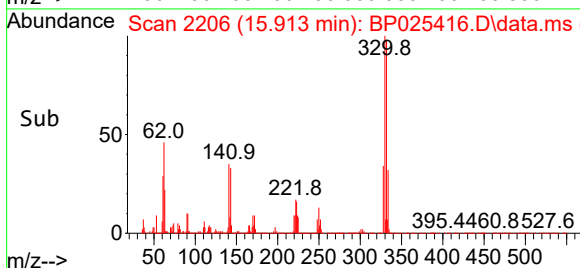
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

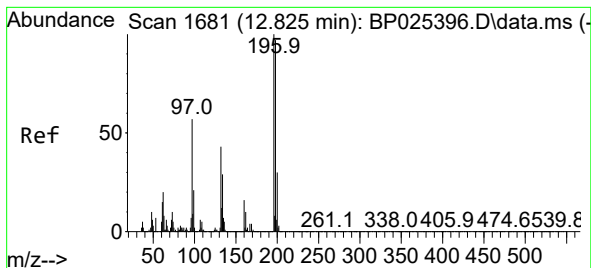


#42
2,4,6-Tribromophenol
Concen: 89.731 ng
RT: 15.913 min Scan# 2206
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29



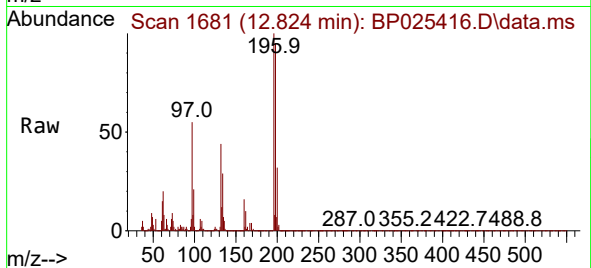
Tgt Ion: 330 Resp: 493086
Ion Ratio Lower Upper
330 100
332 97.3 77.3 115.9
141 34.4 26.6 39.8





#43
2,4,6-Trichlorophenol
Concen: 48.407 ng
RT: 12.824 min Scan# 1681
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

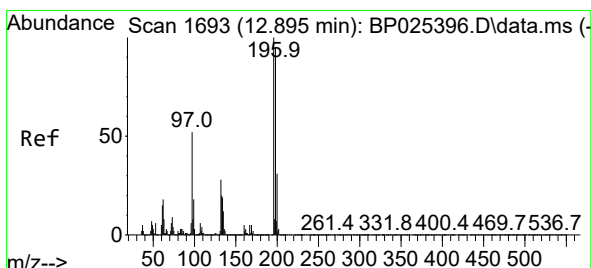
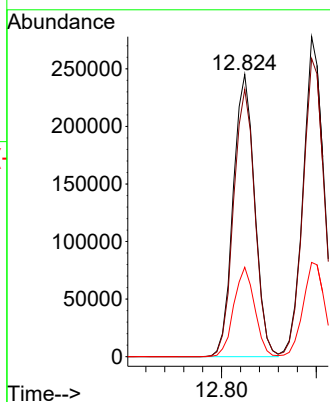
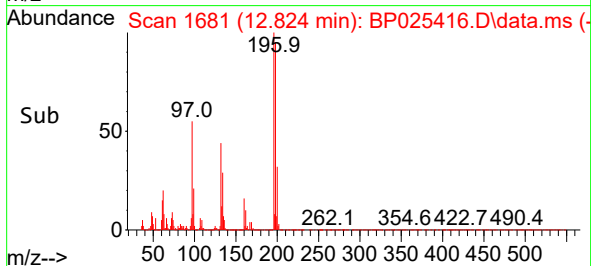
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



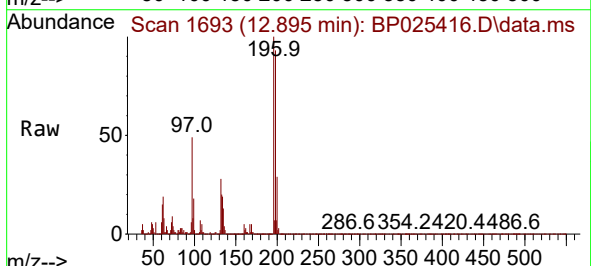
Tgt Ion:196 Resp: 385328
Ion Ratio Lower Upper
196 100
198 94.8 77.2 115.8
200 31.7 23.9 35.9

Manual Integrations
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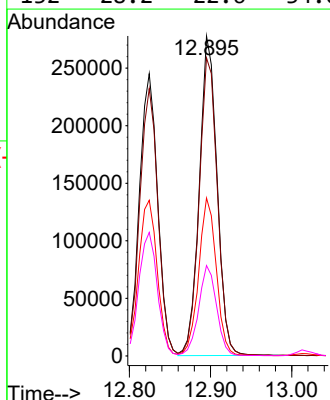
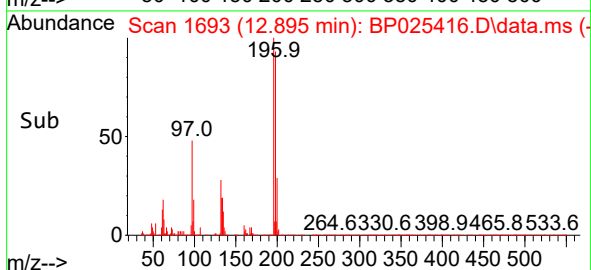
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

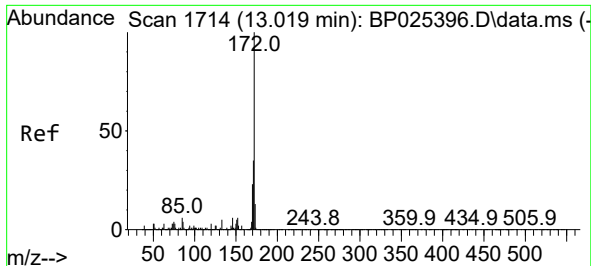


#44
2,4,5-Trichlorophenol
Concen: 48.409 ng
RT: 12.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29



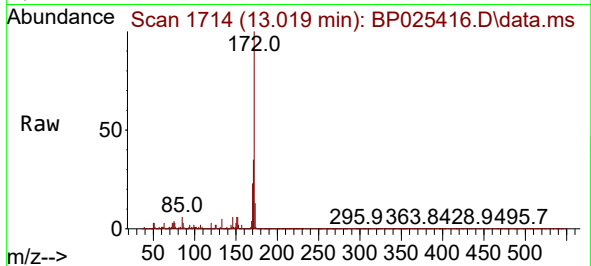
Tgt Ion:196 Resp: 422320
Ion Ratio Lower Upper
196 100
198 93.2 76.2 114.2
97 49.4 41.2 61.8
132 28.2 22.6 34.0





#45
2-Fluorobiphenyl
Concen: 50.806 ng
RT: 13.019 min Scan# 1714
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

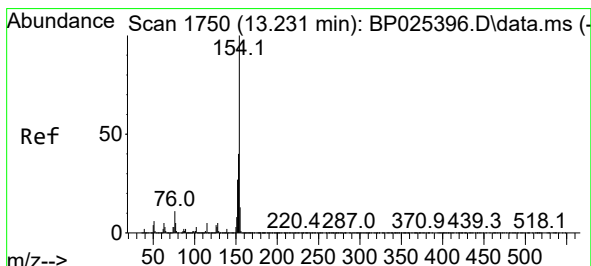
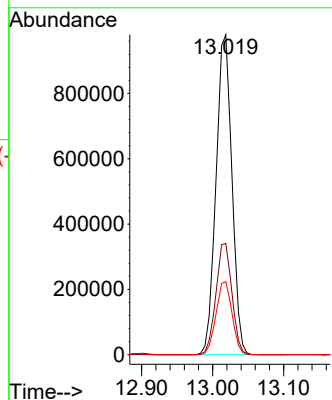
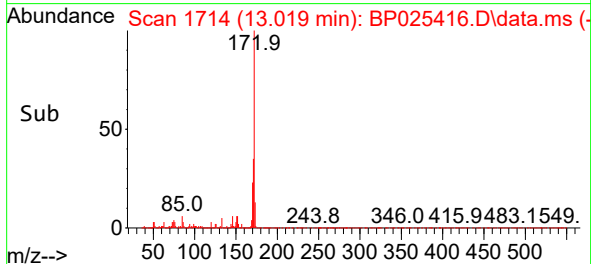
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



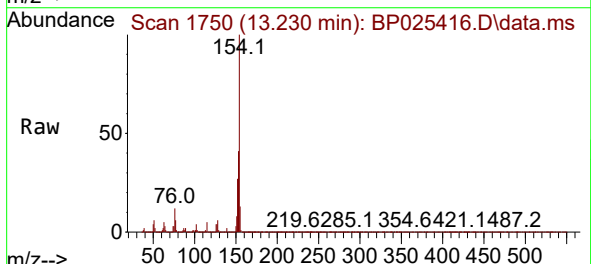
Tgt Ion:172 Resp: 1517679
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 22.8 18.6 28.0

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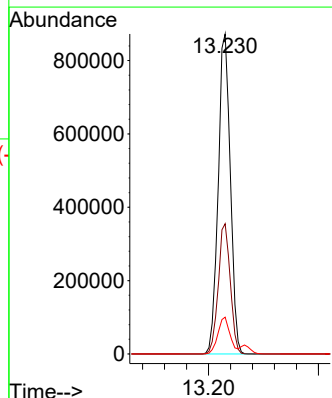
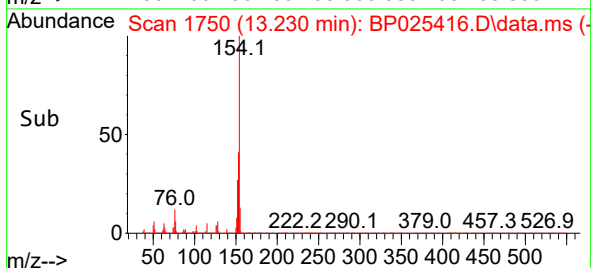
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

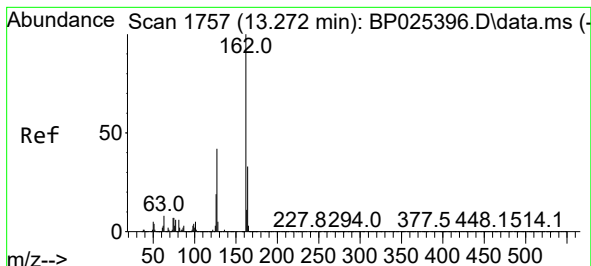


#46
1,1'-Biphenyl
Concen: 44.989 ng
RT: 13.230 min Scan# 1750
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29



Tgt Ion:154 Resp: 1333915
Ion Ratio Lower Upper
154 100
153 40.7 19.5 59.5
76 11.5 0.0 31.1





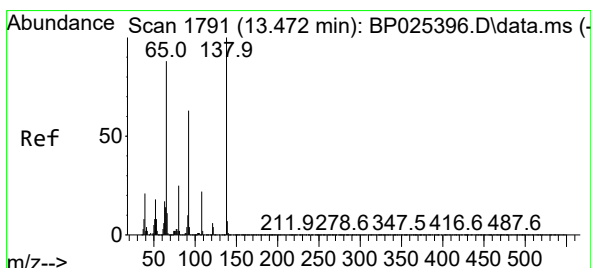
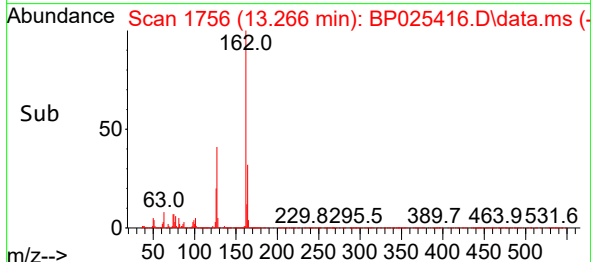
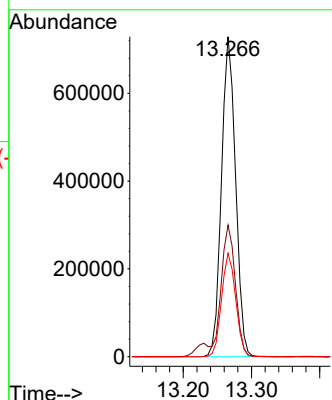
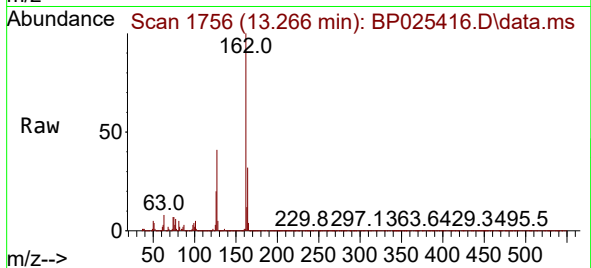
#47
2-Chloronaphthalene
Concen: 45.421 ng
RT: 13.266 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

Instrument :
BNA_P
ClientSampleId :
88H-EMSD

Tgt Ion:162 Resp: 1048414
Ion Ratio Lower Upper
162 100
127 41.1 33.4 50.2
164 32.3 26.2 39.2

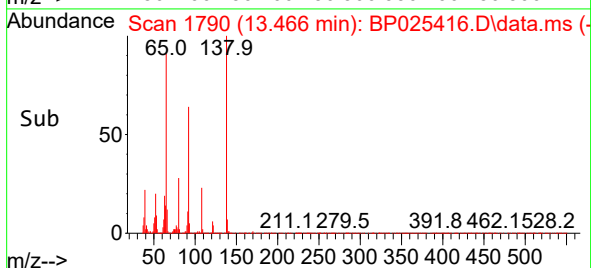
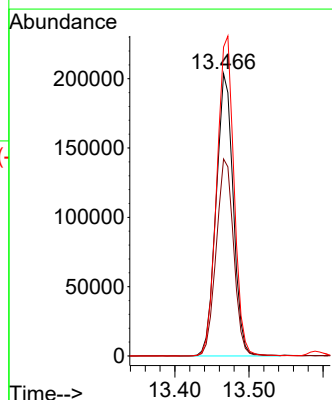
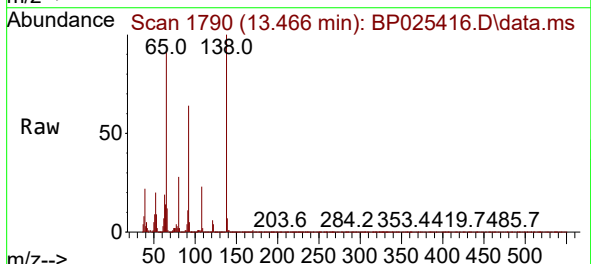
Manual Integrations
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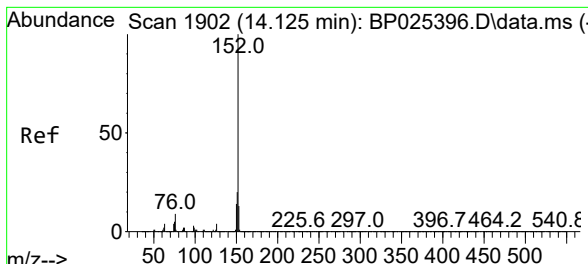
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#48
2-Nitroaniline
Concen: 48.653 ng
RT: 13.466 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

Tgt Ion: 65 Resp: 327216
Ion Ratio Lower Upper
65 100
92 69.8 57.6 86.4
138 109.5 91.0 136.6





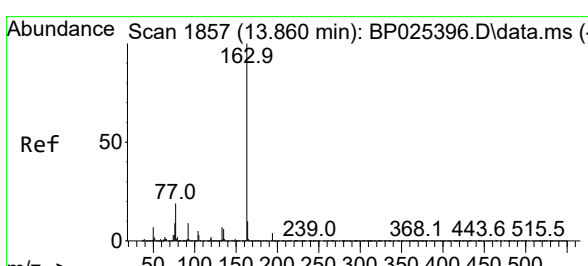
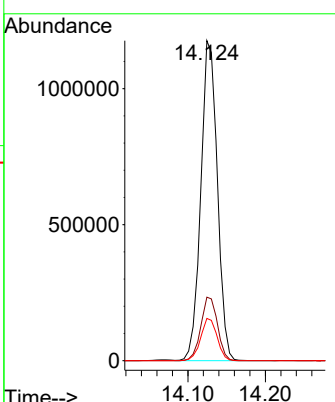
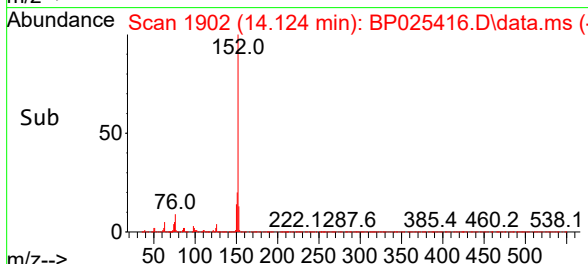
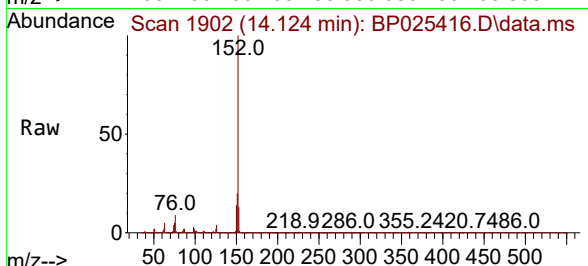
#49
 Acenaphthylene
 Concen: 45.584 ng
 RT: 14.124 min Scan# 1902
 Delta R.T. -0.000 min
 Lab File: BP025416.D
 Acq: 15 Aug 2025 06:29

Instrument : BNA_P
 ClientSampleId : 88H-EMSD

Tgt Ion:152 Resp: 174103

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.0	24.0
153	13.2	10.6	15.8

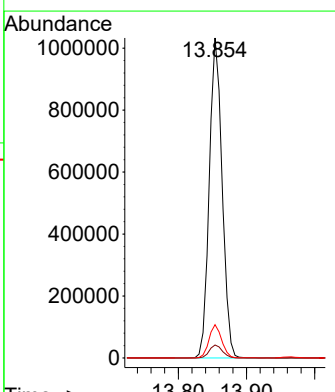
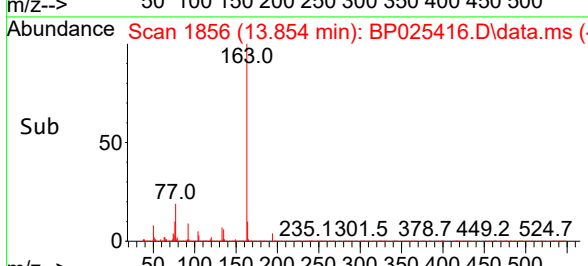
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 Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

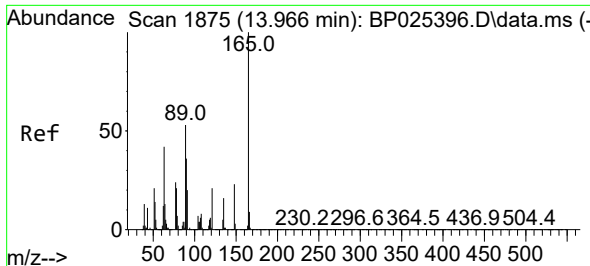


#50
 Dimethylphthalate
 Concen: 45.264 ng
 RT: 13.854 min Scan# 1856
 Delta R.T. -0.006 min
 Lab File: BP025416.D
 Acq: 15 Aug 2025 06:29

Tgt Ion:163 Resp: 1353224

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.4	7.9	11.9





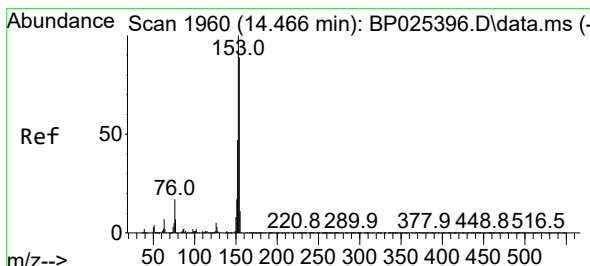
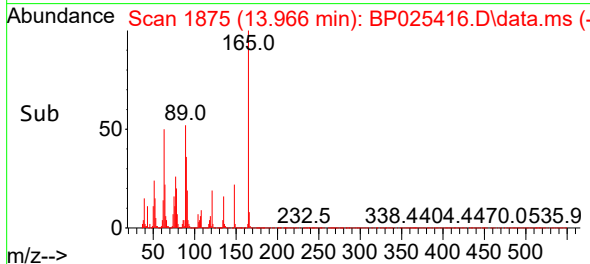
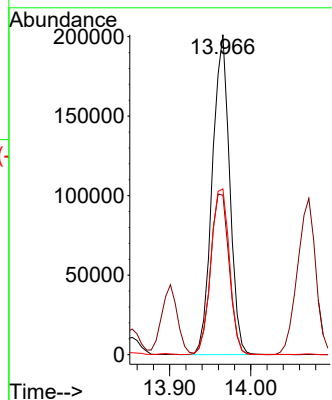
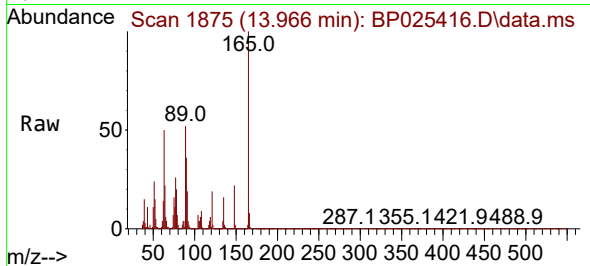
#51
2,6-Dinitrotoluene
Concen: 47.281 ng
RT: 13.966 min Scan# 1875
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

Instrument :
BNA_P
ClientSampleId :
88H-EMSD

Tgt Ion:165 Resp: 297925
Ion Ratio Lower Upper
165 100
63 49.9 40.9 61.3
89 51.8 42.1 63.1

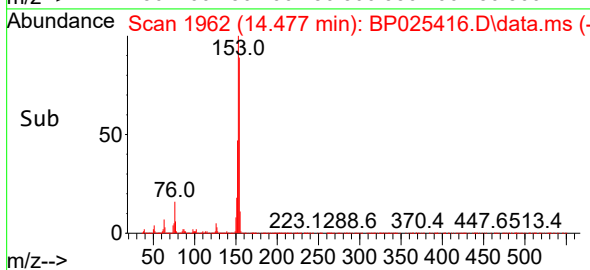
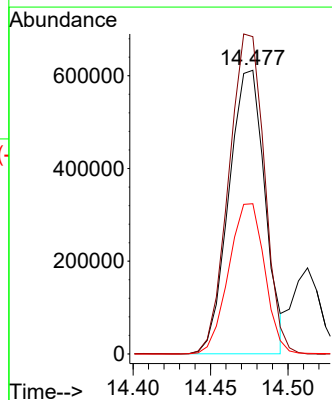
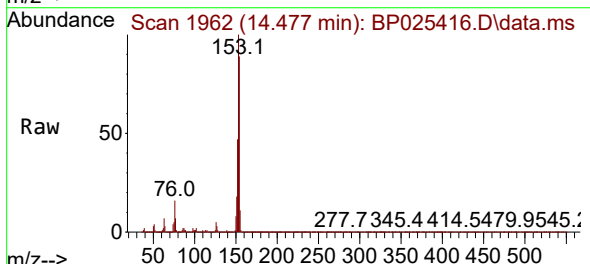
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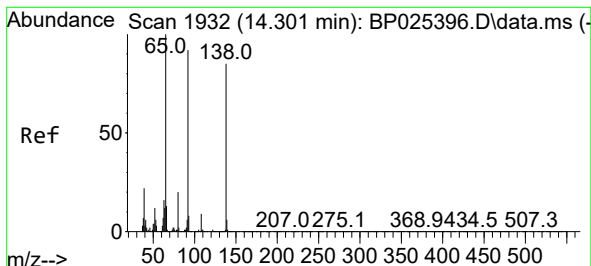
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#52
Acenaphthene
Concen: 44.181 ng
RT: 14.477 min Scan# 1962
Delta R.T. 0.011 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

Tgt Ion:154 Resp: 990506
Ion Ratio Lower Upper
154 100
153 111.9 90.2 135.2
152 53.0 42.1 63.1





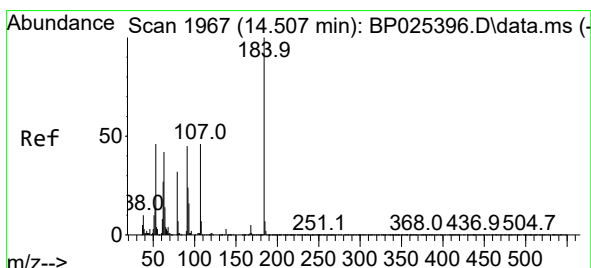
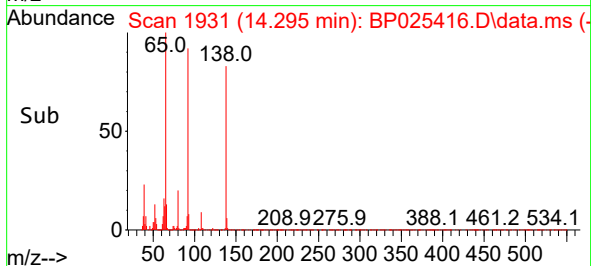
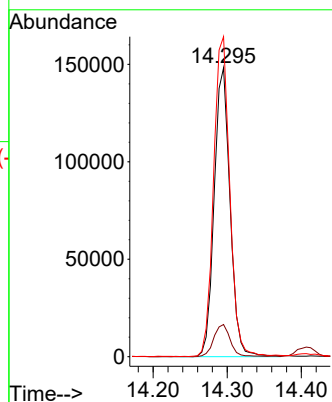
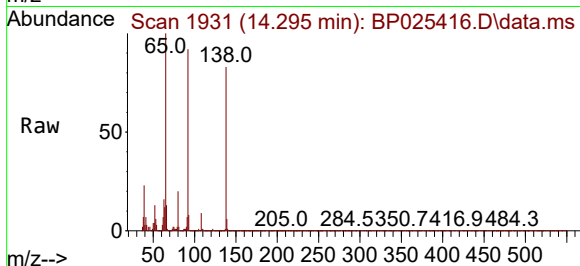
#53
3-Nitroaniline
Concen: 31.093 ng
RT: 14.295 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

Instrument :
BNA_P
ClientSampleId :
88H-EMSD

Tgt Ion:138 Resp: 22043
Ion Ratio Lower Upper
138 100
108 11.1 8.3 12.5
92 110.8 86.2 129.2

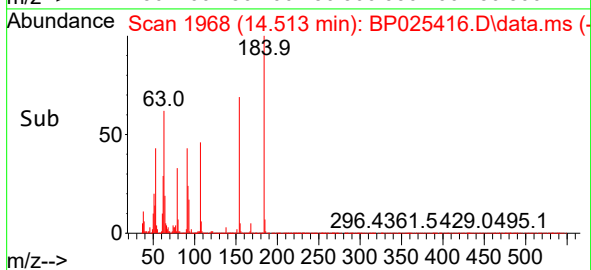
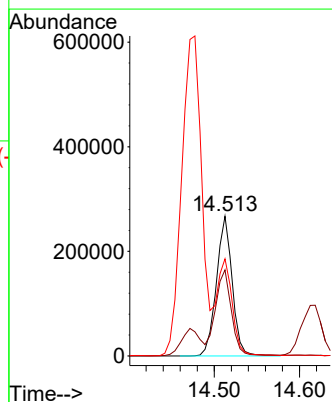
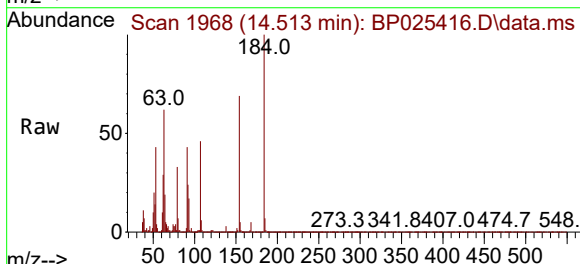
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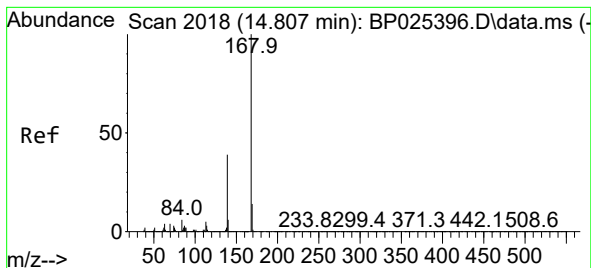
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#54
2,4-Dinitrophenol
Concen: 102.765 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.005 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

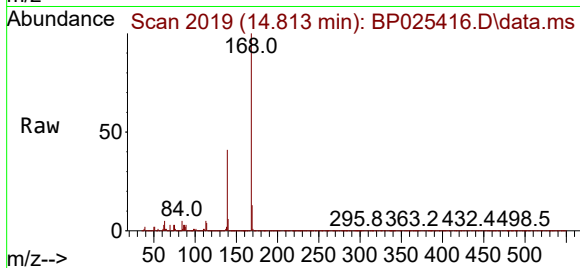
Tgt Ion:184 Resp: 345806
Ion Ratio Lower Upper
184 100
63 61.6 49.4 74.2
154 69.5 54.6 82.0





#55
Dibenzenofuran
Concen: 44.946 ng
RT: 14.813 min Scan# 2018
Delta R.T. 0.005 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

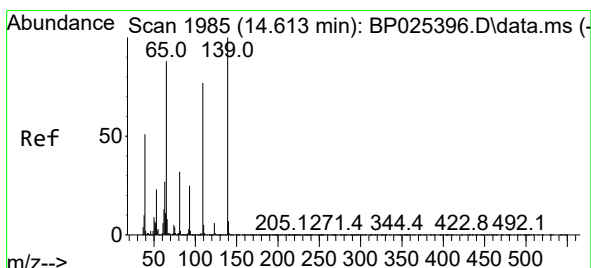
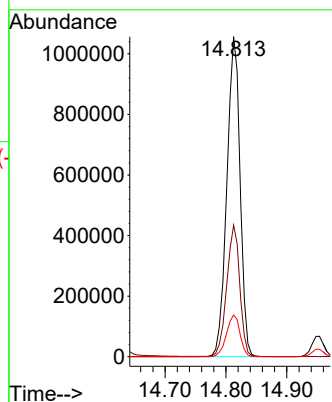
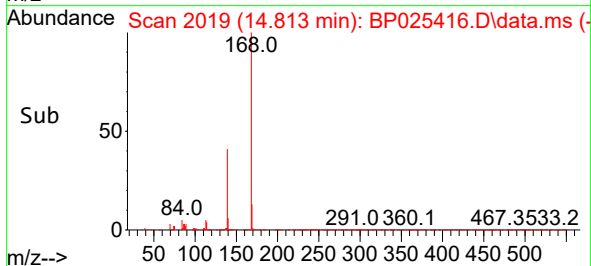
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



Tgt Ion:168 Resp: 1593114
Ion Ratio Lower Upper
168 100
139 41.1 31.5 47.3
169 13.0 10.9 16.3

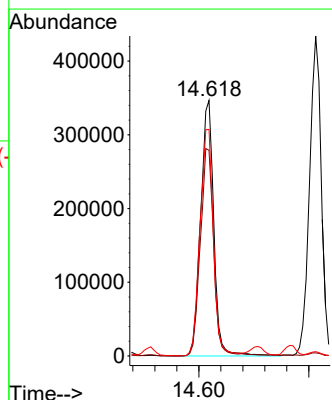
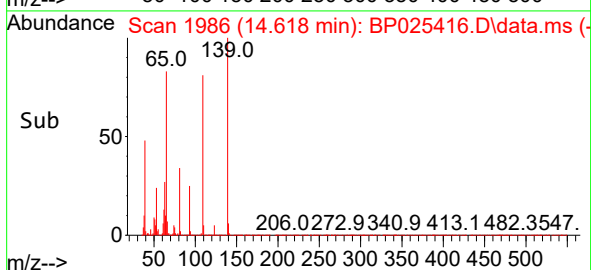
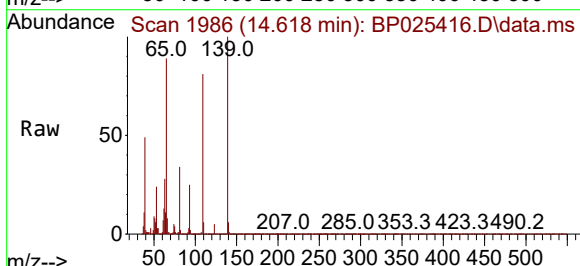
Manual Integrations
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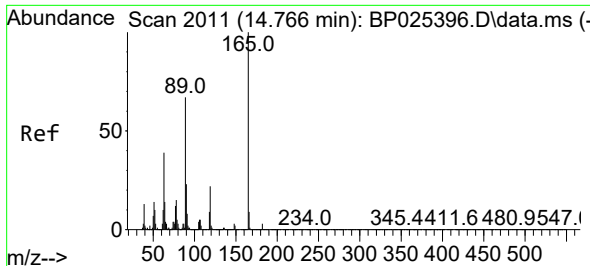
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#56
4-Nitrophenol
Concen: 98.999 ng
RT: 14.618 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

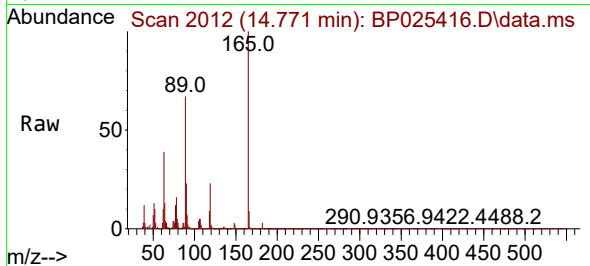
Tgt Ion:139 Resp: 576733
Ion Ratio Lower Upper
139 100
109 80.6 56.6 96.6
65 88.7 68.2 108.2





#57
2,4-Dinitrotoluene
Concen: 48.760 ng
RT: 14.771 min Scan# 2011
Delta R.T. 0.006 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

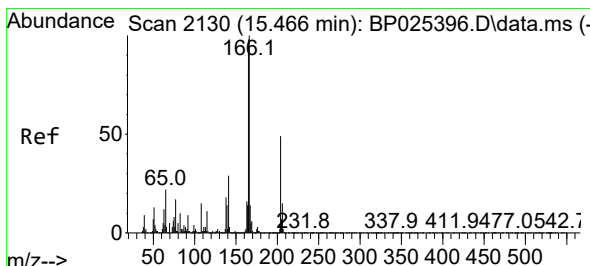
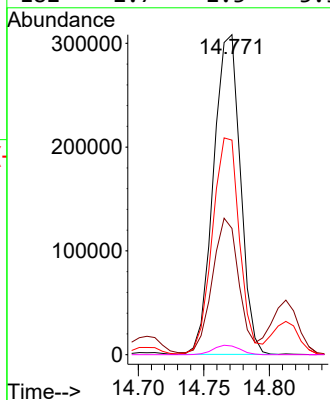
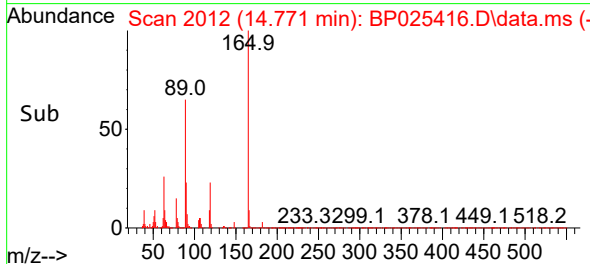
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



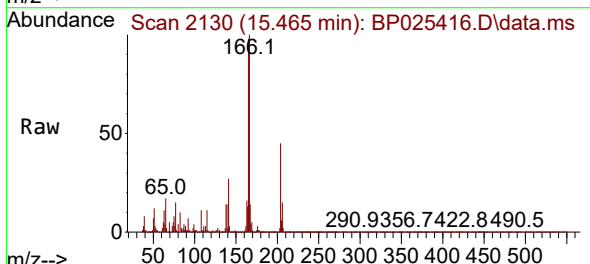
Tgt Ion:165 Resp: 43836
Ion Ratio Lower Upper
165 100
63 39.5 31.4 47.2
89 67.1 53.3 79.9
182 2.7 2.3 3.5

Manual Integrations
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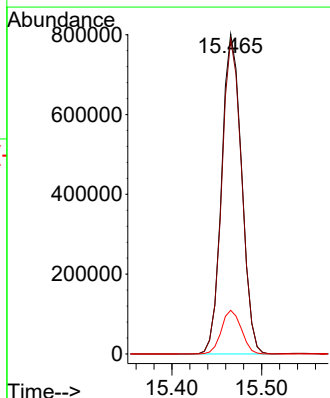
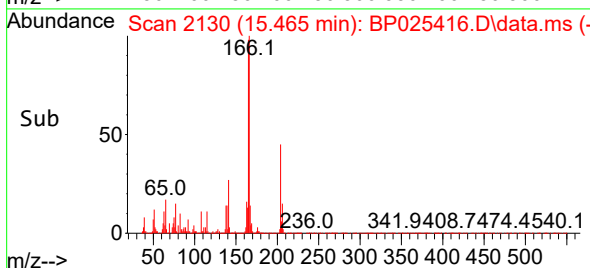
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

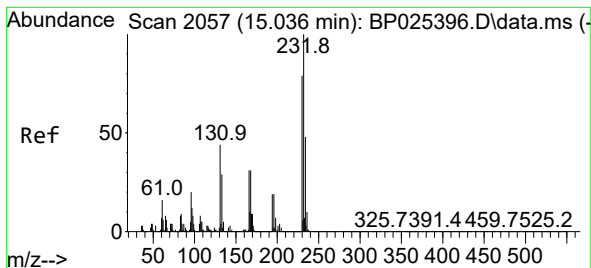


#58
Fluorene
Concen: 44.209 ng
RT: 15.465 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29



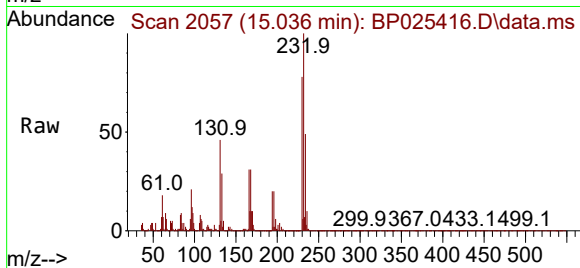
Tgt Ion:166 Resp: 1236469
Ion Ratio Lower Upper
166 100
165 98.4 78.8 118.2
167 13.6 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.668 ng
RT: 15.036 min Scan# 2057
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

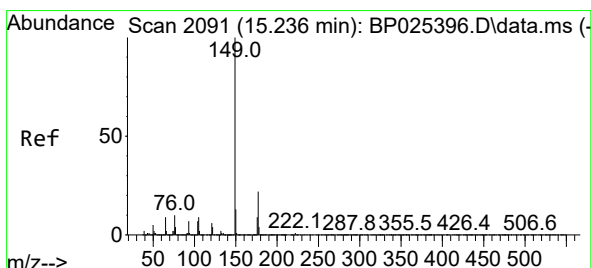
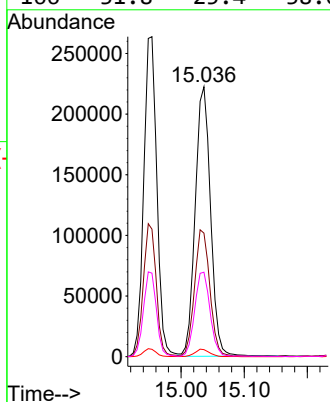
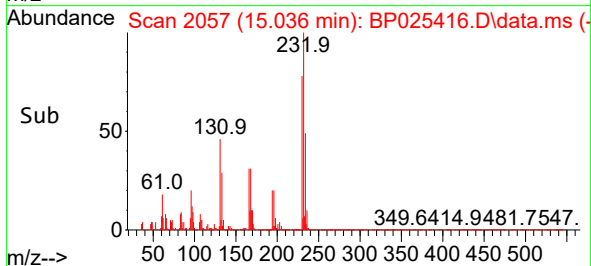
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



Tgt Ion:232 Resp: 374890
Ion Ratio Lower Upper
232 100
131 47.0 37.0 55.6
130 2.6 1.9 2.9
166 31.8 25.4 38.0

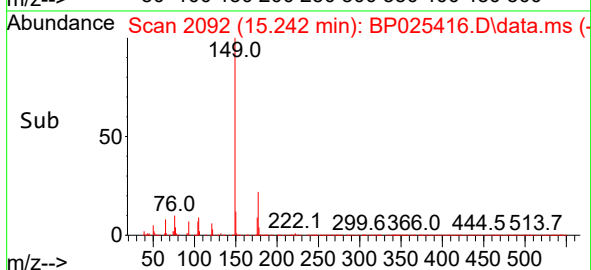
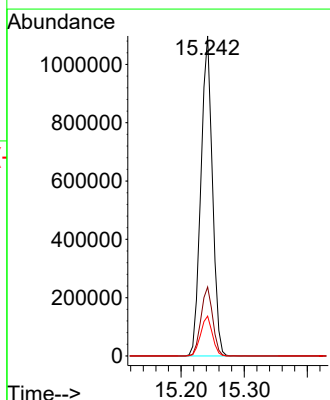
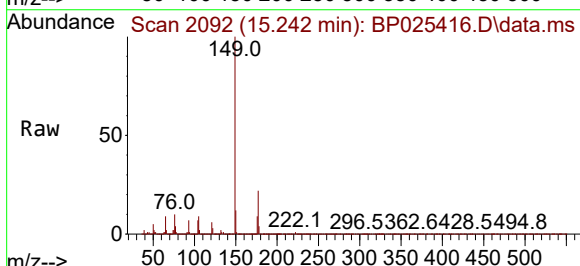
Manual Integrations
APPROVED

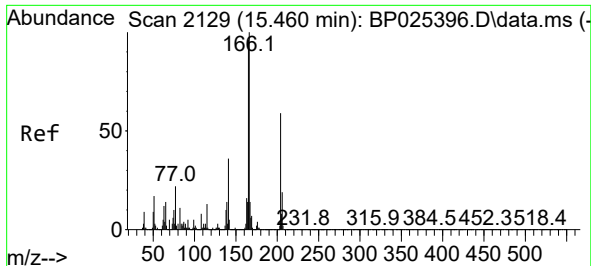
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#60
Diethylphthalate
Concen: 45.696 ng
RT: 15.242 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

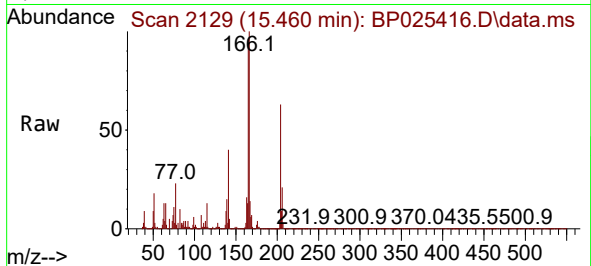
Tgt Ion:149 Resp: 1388142
Ion Ratio Lower Upper
149 100
177 21.6 17.3 25.9
150 12.5 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 44.606 ng
RT: 15.460 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

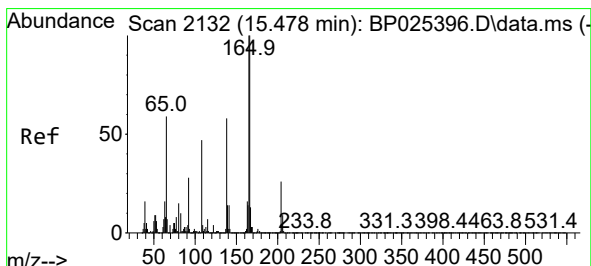
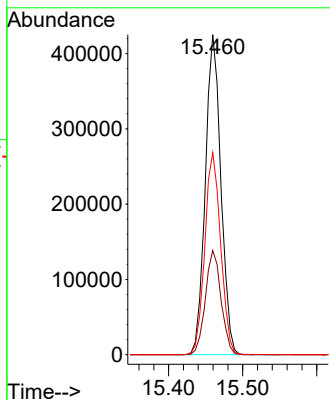
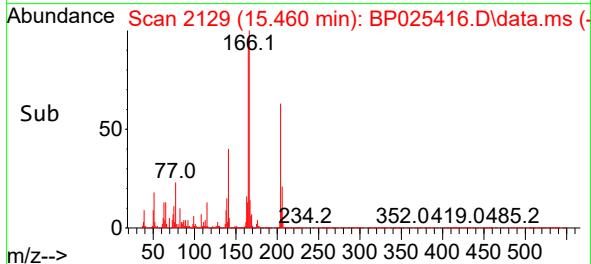
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



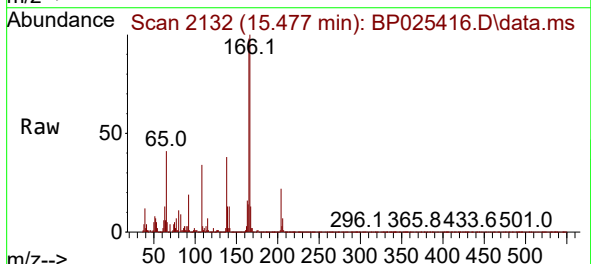
Tgt Ion:204 Resp: 620460
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.8
141 63.2 49.4 74.2

Manual Integrations
APPROVED

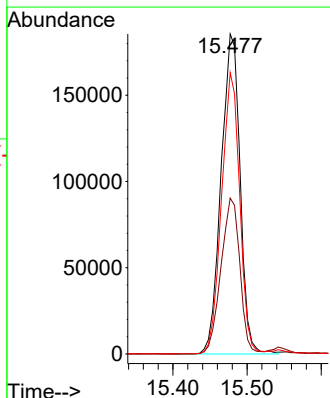
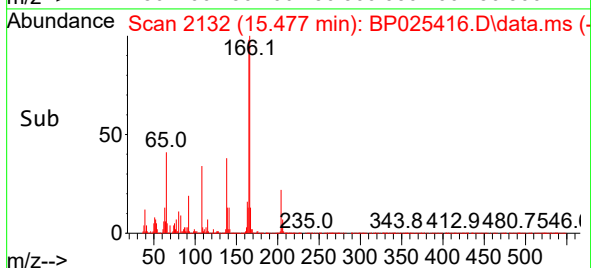
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

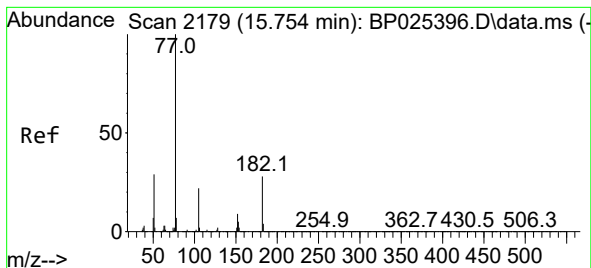


#62
4-Nitroaniline
Concen: 45.352 ng
RT: 15.477 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29



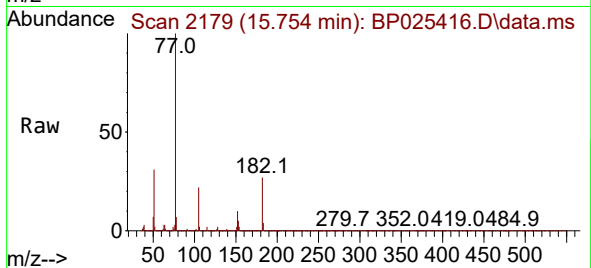
Tgt Ion:138 Resp: 329615
Ion Ratio Lower Upper
138 100
92 48.7 29.1 69.1
108 87.9 61.5 101.5





#63
Azobenzene
Concen: 50.212 ng
RT: 15.754 min Scan# 2179
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

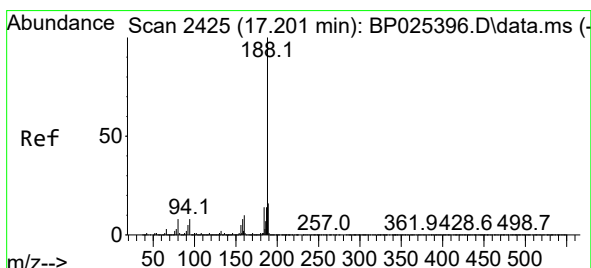
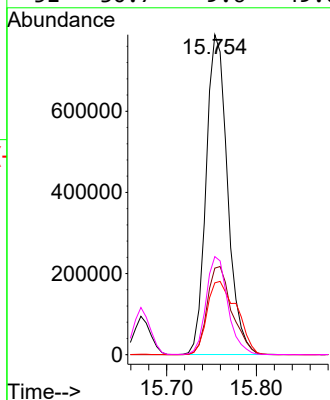
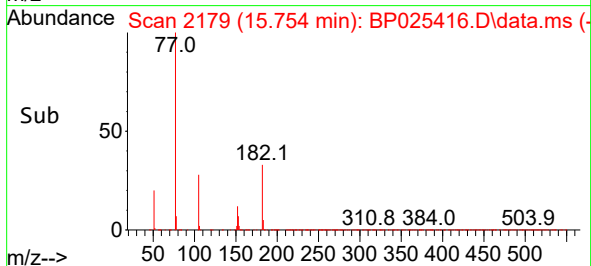
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



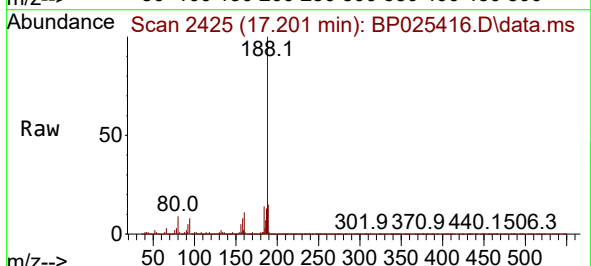
Tgt Ion: 77 Resp: 1306069
Ion Ratio Lower Upper
77 100
182 27.1 7.5 47.5
105 22.5 2.1 42.1
51 30.7 9.6 49.6

Manual Integrations
APPROVED

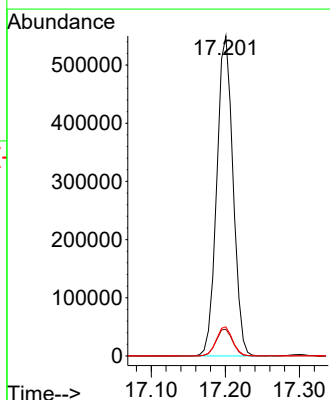
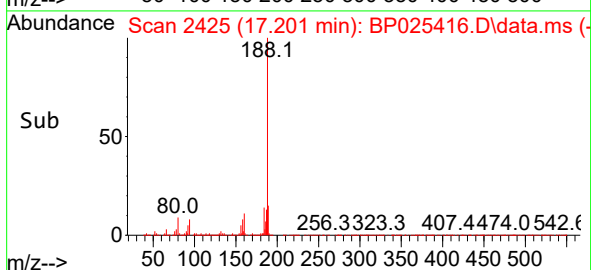
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

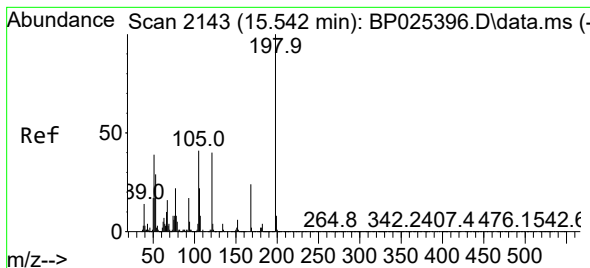


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29



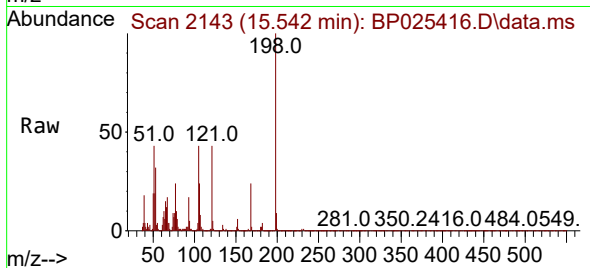
Tgt Ion:188 Resp: 837667
Ion Ratio Lower Upper
188 100
94 8.4 6.6 10.0
80 9.1 6.7 10.1





#65
4,6-Dinitro-2-methylphenol
Concen: 47.224 ng
RT: 15.542 min Scan# 2143
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

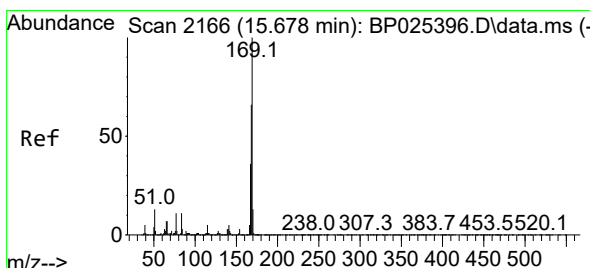
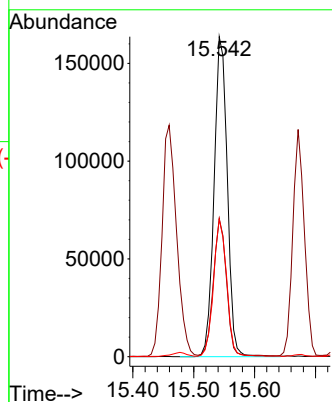
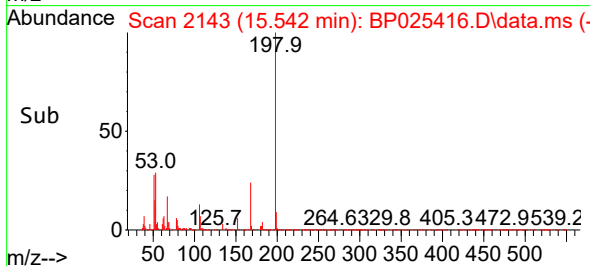
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



Tgt Ion:198 Resp: 246584
Ion Ratio Lower Upper
198 100
51 43.2 19.6 59.6
105 43.1 20.9 60.9

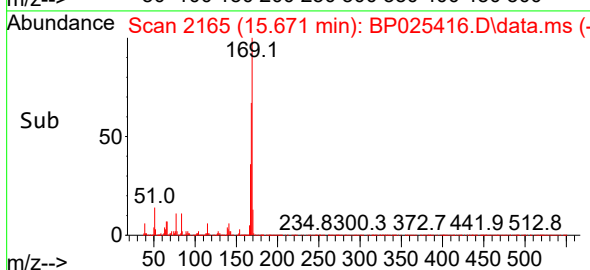
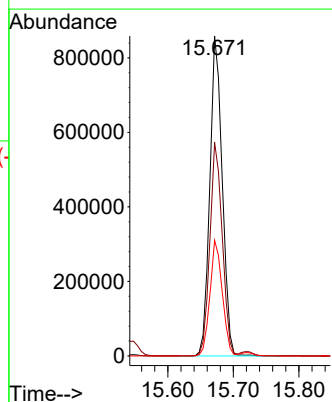
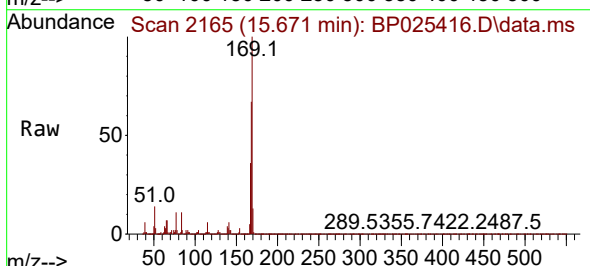
Manual Integrations
APPROVED

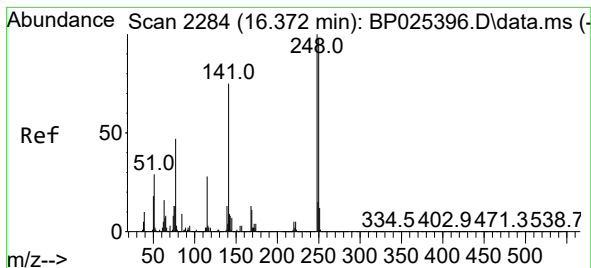
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#66
n-Nitrosodiphenylamine
Concen: 44.385 ng
RT: 15.671 min Scan# 2165
Delta R.T. -0.006 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

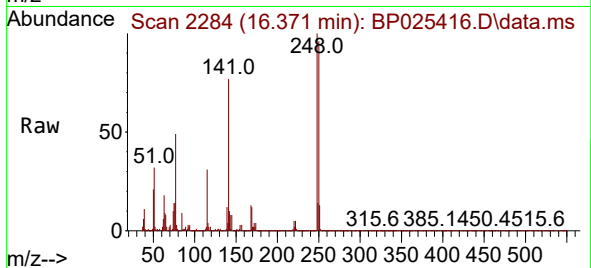
Tgt Ion:169 Resp: 1133759
Ion Ratio Lower Upper
169 100
168 66.8 53.2 79.8
167 36.2 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 44.752 ng
RT: 16.371 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

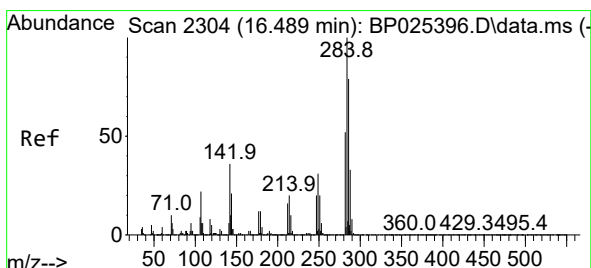
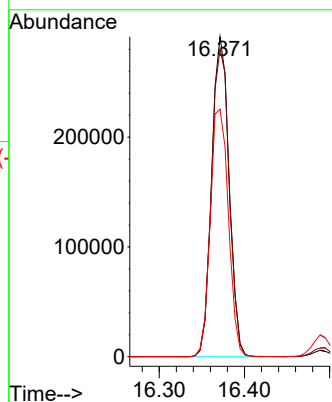
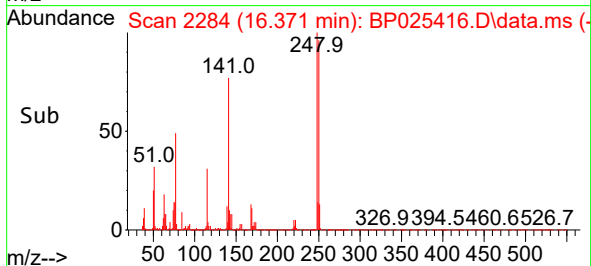
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



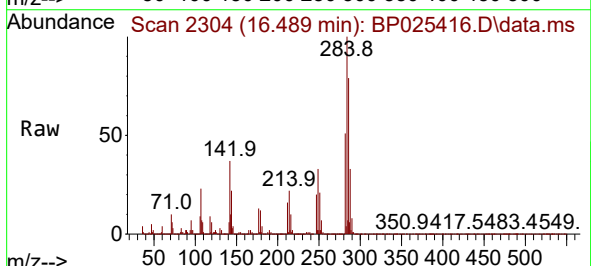
Tgt Ion:248 Resp: 412290
Ion Ratio Lower Upper
248 100
250 96.3 78.2 117.2
141 77.3 59.6 89.4

Manual Integrations
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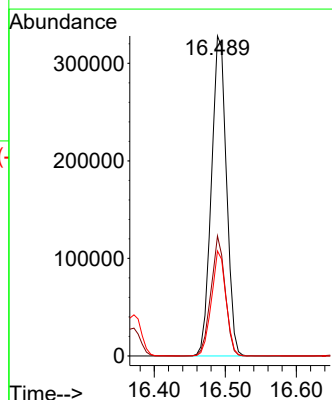
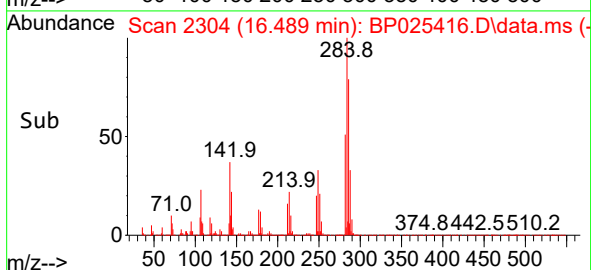
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

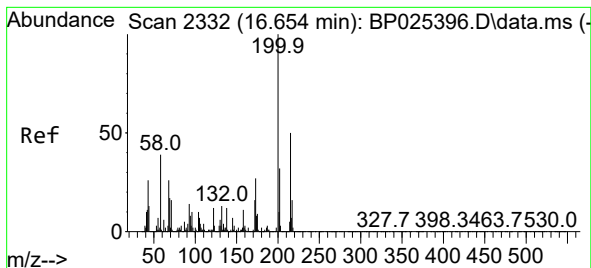


#68
Hexachlorobenzene
Concen: 45.155 ng
RT: 16.489 min Scan# 2304
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29



Tgt Ion:284 Resp: 482237
Ion Ratio Lower Upper
284 100
142 37.5 29.1 43.7
249 32.8 25.0 37.4





#69

Atrazine

Concen: 46.417 ng

RT: 16.648 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025416.D

Acq: 15 Aug 2025 06:29

Instrument :

BNA_P

ClientSampleId :

88H-EMSD

Tgt Ion:200 Resp: 444039

Ion Ratio Lower Upper

200 100

173 26.5 6.7 46.7

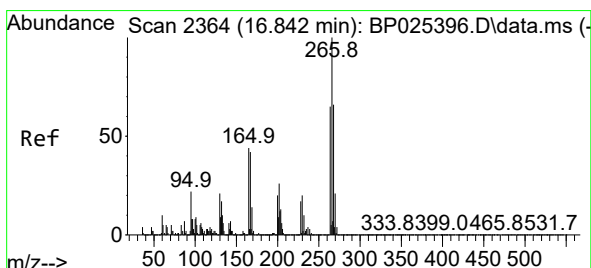
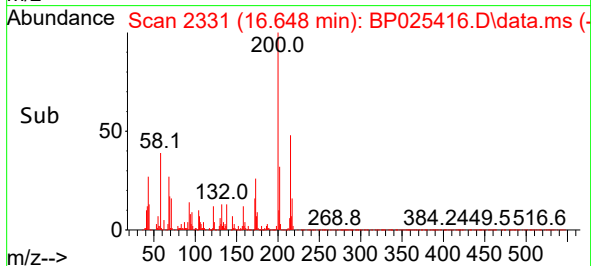
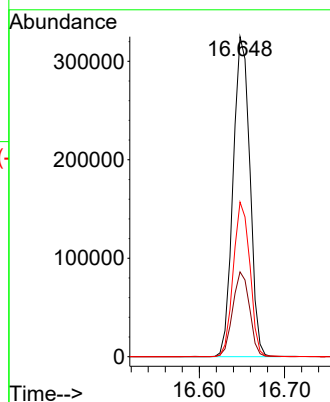
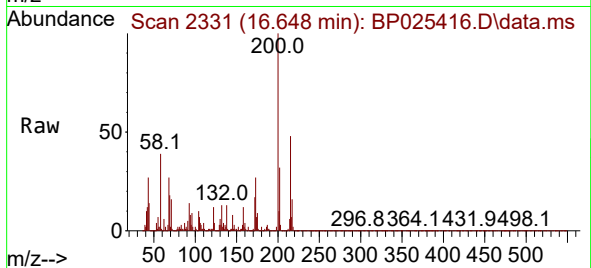
215 48.3 29.7 69.7

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#70

Pentachlorophenol

Concen: 100.512 ng

RT: 16.848 min Scan# 2365

Delta R.T. 0.006 min

Lab File: BP025416.D

Acq: 15 Aug 2025 06:29

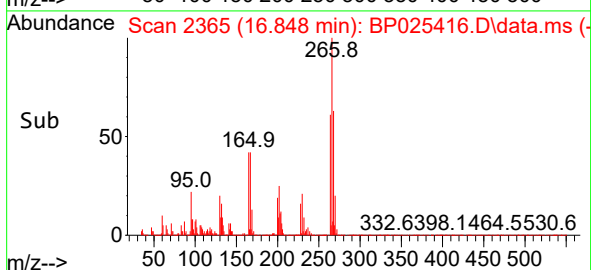
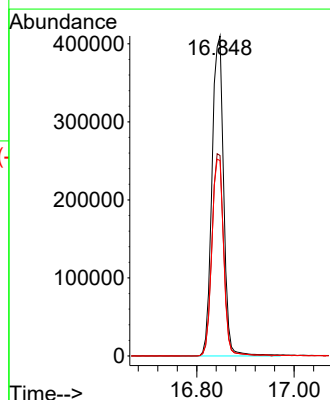
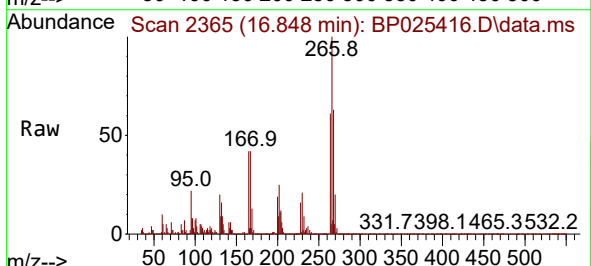
Tgt Ion:266 Resp: 677601

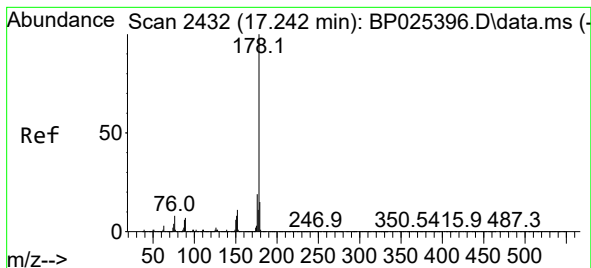
Ion Ratio Lower Upper

266 100

268 62.7 52.6 79.0

264 61.0 52.0 78.0





#71

Phenanthrene

Concen: 45.316 ng

RT: 17.248 min Scan# 2432

Delta R.T. 0.005 min

Lab File: BP025416.D

Acq: 15 Aug 2025 06:29

Instrument :

BNA_P

ClientSampleId :

88H-EMSD

Tgt Ion:178 Resp: 2085270

Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

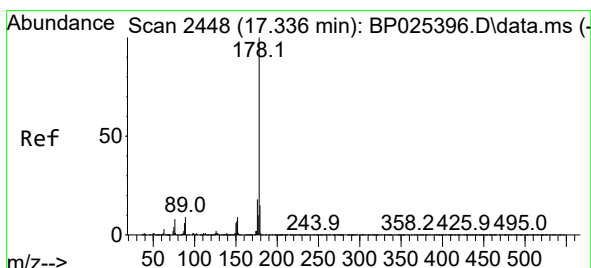
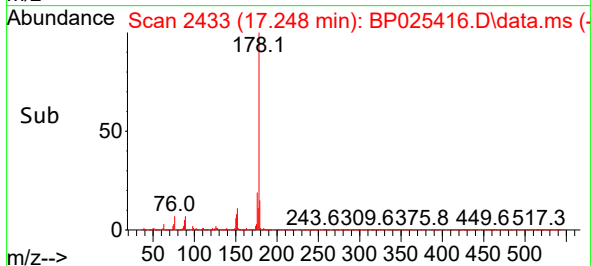
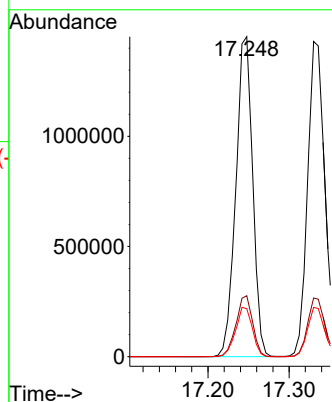
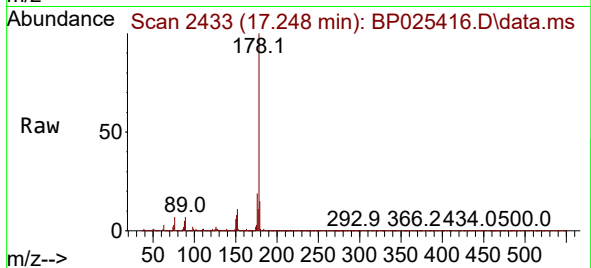
179 15.0 12.2 18.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#72

Anthracene

Concen: 44.651 ng

RT: 17.330 min Scan# 2447

Delta R.T. -0.006 min

Lab File: BP025416.D

Acq: 15 Aug 2025 06:29

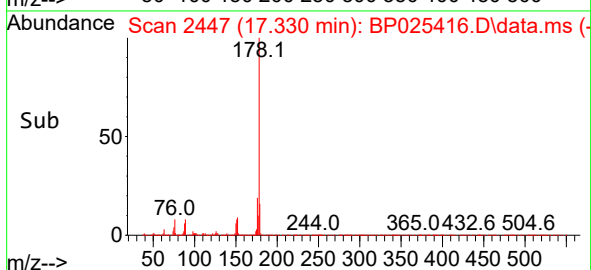
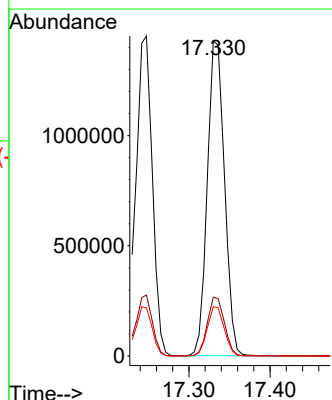
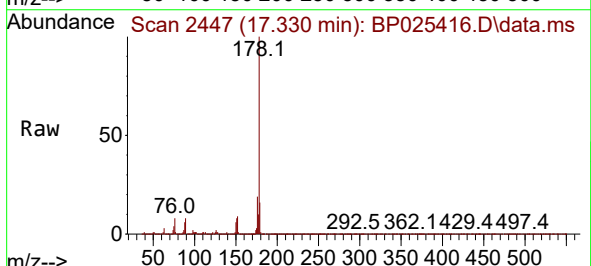
Tgt Ion:178 Resp: 2098232

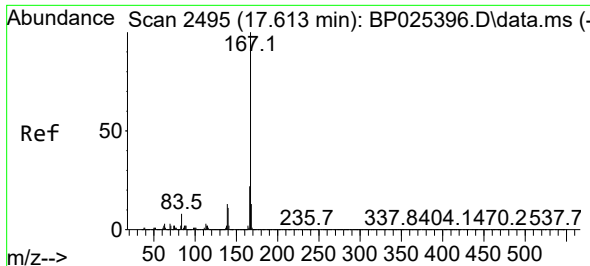
Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

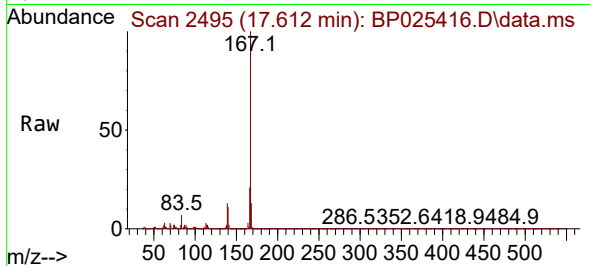
179 15.6 12.2 18.2





#73
 Carbazole
 Concen: 46.257 ng
 RT: 17.612 min Scan# 2495
 Delta R.T. -0.000 min
 Lab File: BP025416.D
 Acq: 15 Aug 2025 06:29

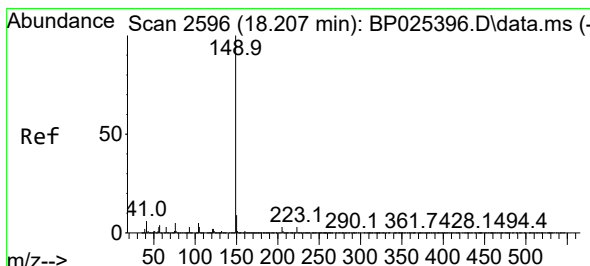
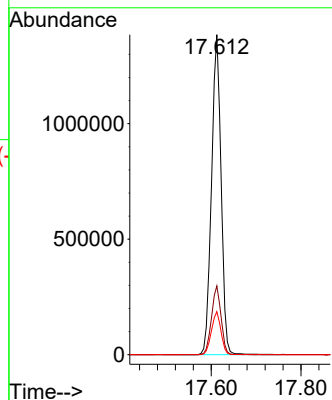
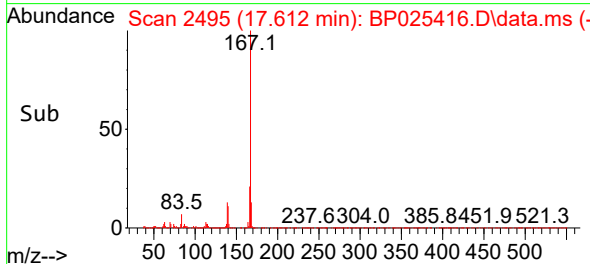
Instrument :
 BNA_P
 ClientSampleId :
 88H-EMSD



Tgt Ion:167 Resp: 204740
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.5 26.3
 139 13.5 10.6 16.0

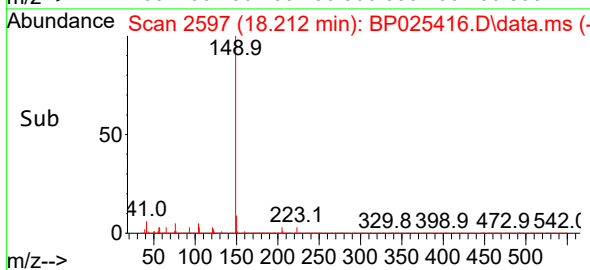
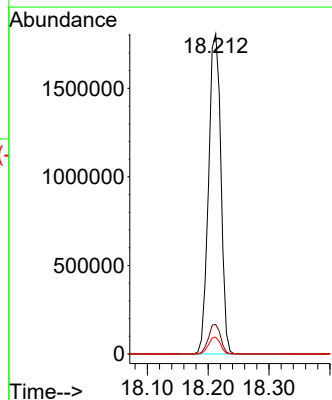
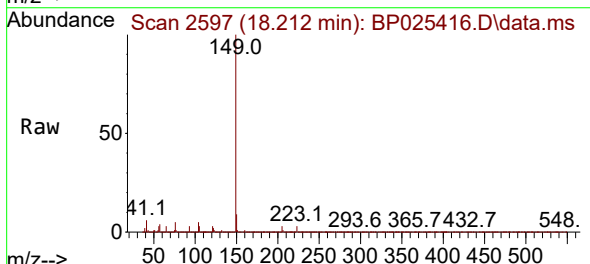
Manual Integrations
 APPROVED

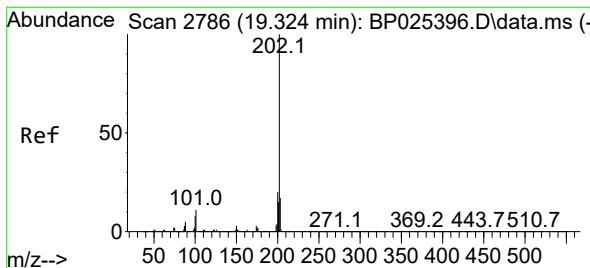
Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025



#74
 Di-n-butylphthalate
 Concen: 46.503 ng
 RT: 18.212 min Scan# 2597
 Delta R.T. 0.006 min
 Lab File: BP025416.D
 Acq: 15 Aug 2025 06:29

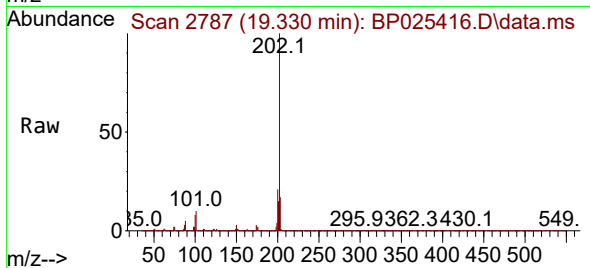
Tgt Ion:149 Resp: 2532382
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.3 4.2 6.2





#75
Fluoranthene
Concen: 46.606 ng
RT: 19.330 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

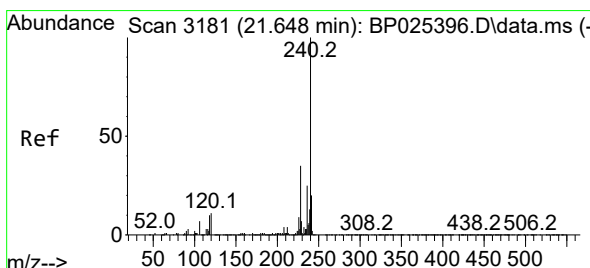
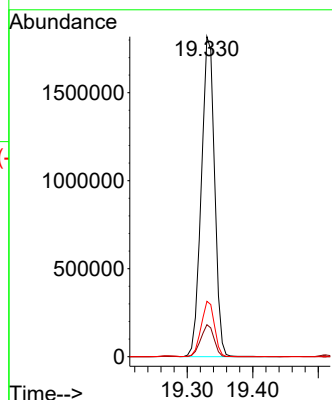
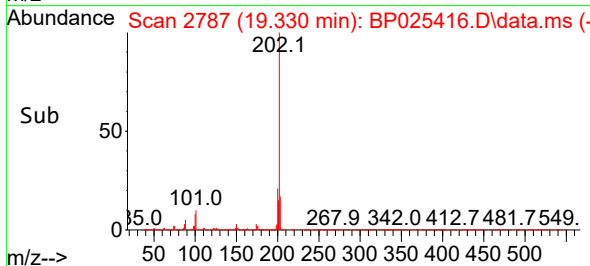
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



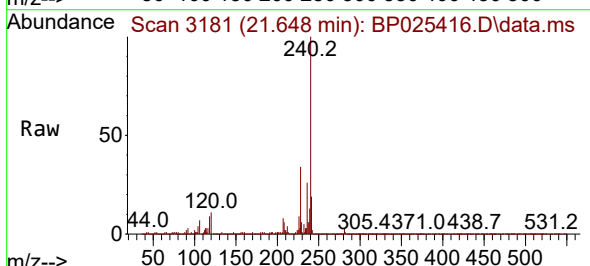
Tgt Ion:202 Resp: 255814
Ion Ratio Lower Upper
202 100
101 10.0 0.0 31.1
203 17.3 0.0 37.3

Manual Integrations
APPROVED

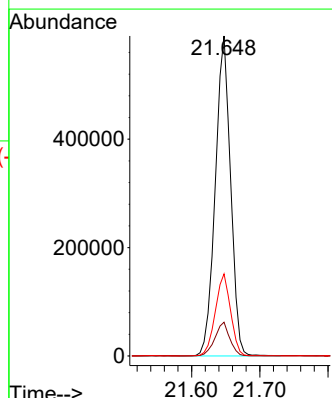
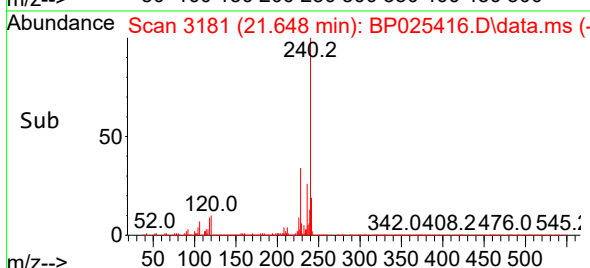
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

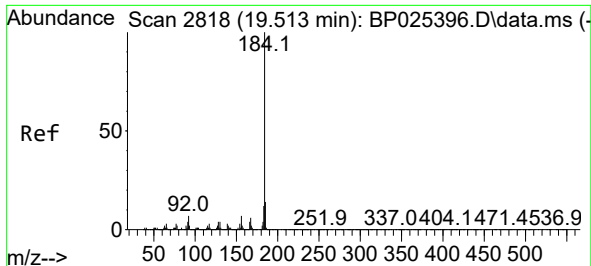


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.648 min Scan# 3181
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29



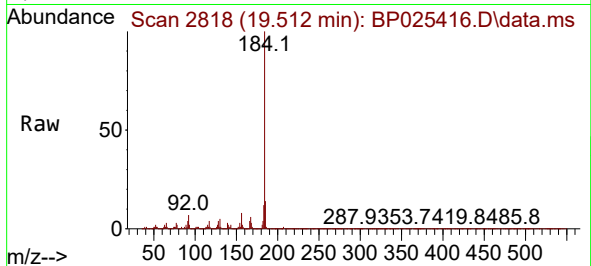
Tgt Ion:240 Resp: 921761
Ion Ratio Lower Upper
240 100
120 10.5 8.9 13.3
236 25.7 19.8 29.8





#77
Benzidine
Concen: 45.975 ng
RT: 19.512 min Scan# 2818
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

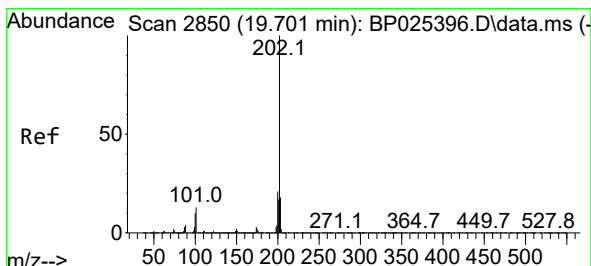
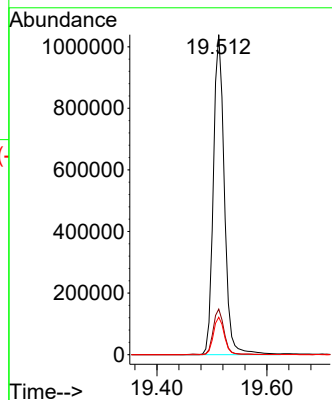
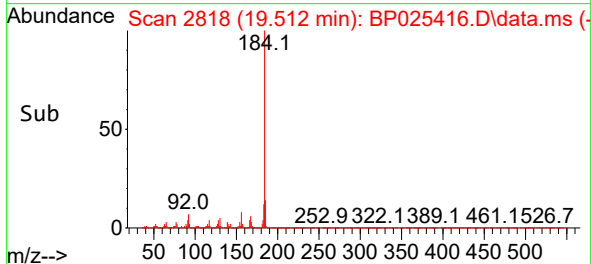
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



Tgt Ion:184 Resp: 144626
Ion Ratio Lower Upper
184 100
185 14.3 11.5 17.3
183 11.7 9.4 14.2

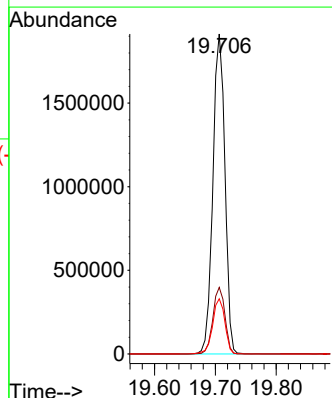
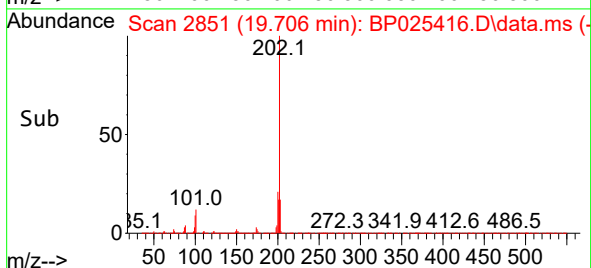
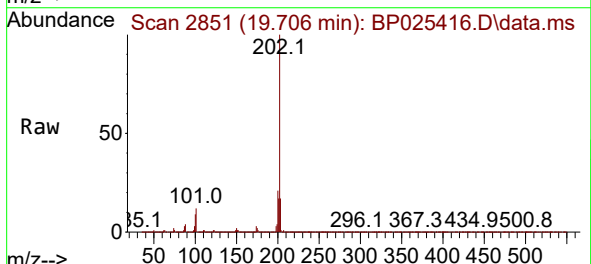
Manual Integrations
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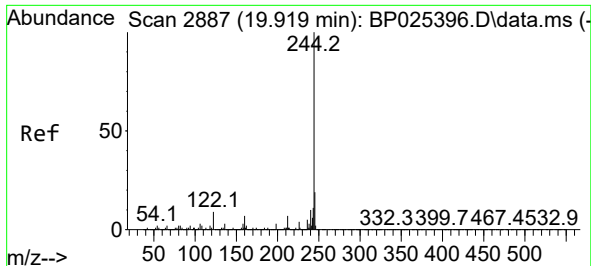
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#78
Pyrene
Concen: 43.865 ng
RT: 19.706 min Scan# 2851
Delta R.T. 0.006 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

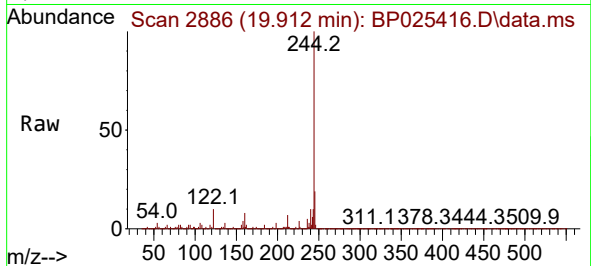
Tgt Ion:202 Resp: 2628017
Ion Ratio Lower Upper
202 100
200 20.8 16.9 25.3
203 17.3 14.2 21.2





#79
Terphenyl-d14
Concen: 48.846 ng
RT: 19.912 min Scan# 2886
Delta R.T. -0.006 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

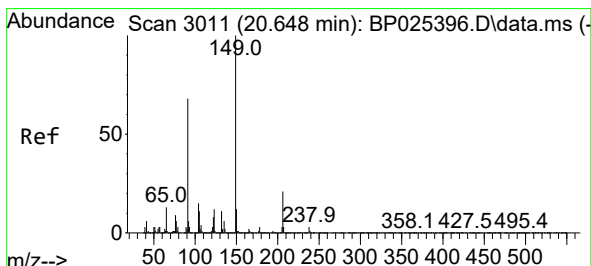
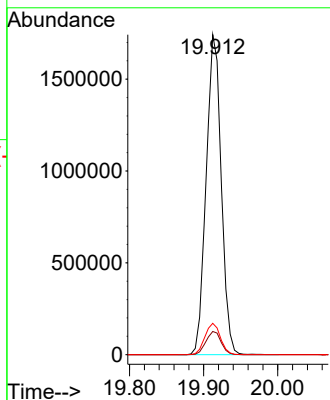
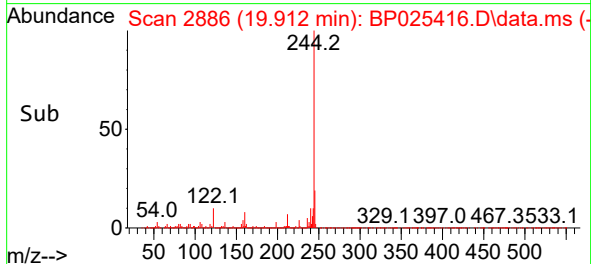
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



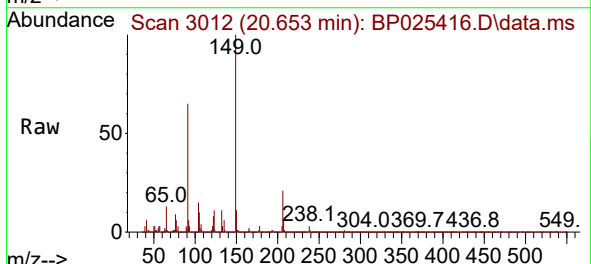
Tgt Ion:244 Resp: 2460920
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 9.8 7.4 11.2

Manual Integrations
APPROVED

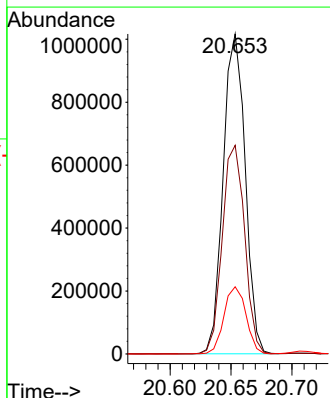
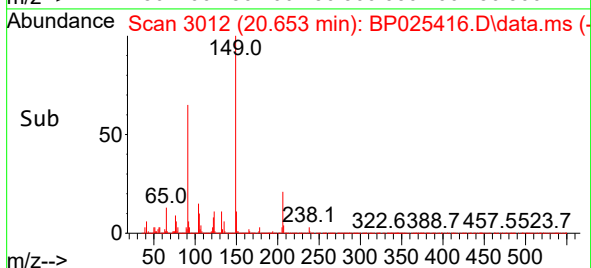
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

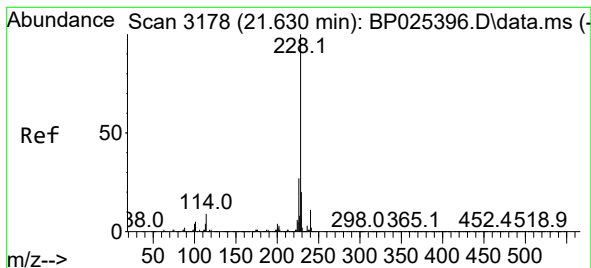


#80
Butylbenzylphthalate
Concen: 47.155 ng
RT: 20.653 min Scan# 3012
Delta R.T. 0.006 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29



Tgt Ion:149 Resp: 1280380
Ion Ratio Lower Upper
149 100
91 65.2 54.2 81.2
206 21.0 16.6 24.8





#81

Benzo(a)anthracene

Concen: 46.064 ng

RT: 21.624 min Scan# 3177

Delta R.T. -0.006 min

Lab File: BP025416.D

Acq: 15 Aug 2025 06:29

Instrument :

BNA_P

ClientSampleId :

88H-EMSD

Tgt Ion:228 Resp: 280026

Ion Ratio Lower Upper

228 100

226 26.9 21.7 32.5

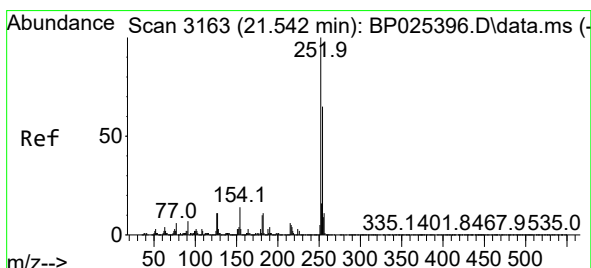
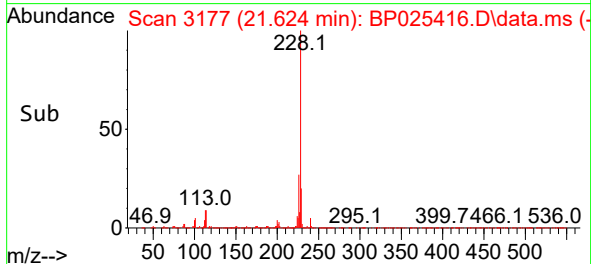
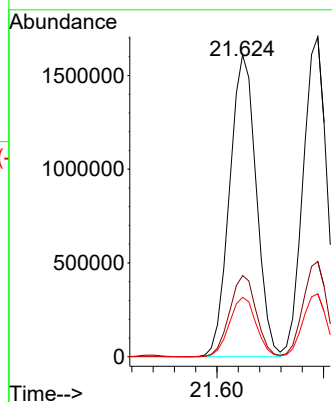
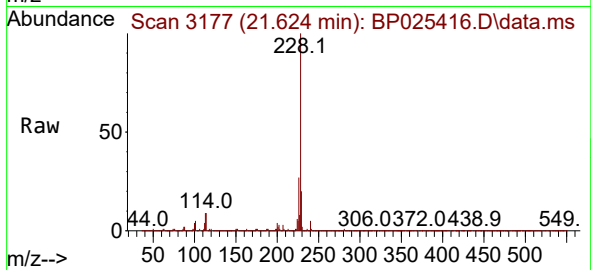
229 19.7 15.6 23.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#82

3,3'-Dichlorobenzidine

Concen: 27.944 ng

RT: 21.536 min Scan# 3162

Delta R.T. -0.006 min

Lab File: BP025416.D

Acq: 15 Aug 2025 06:29

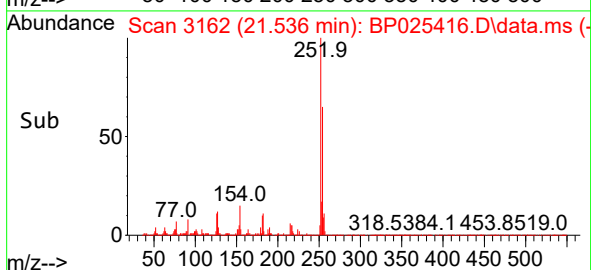
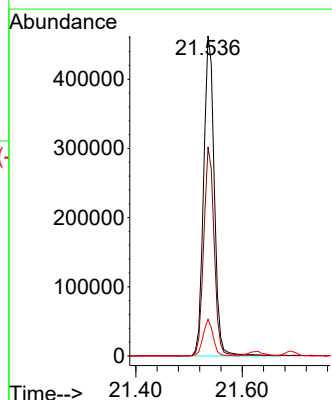
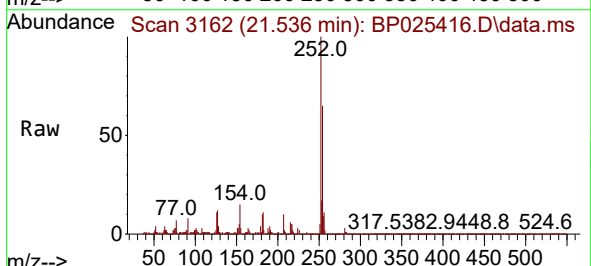
Tgt Ion:252 Resp: 640279

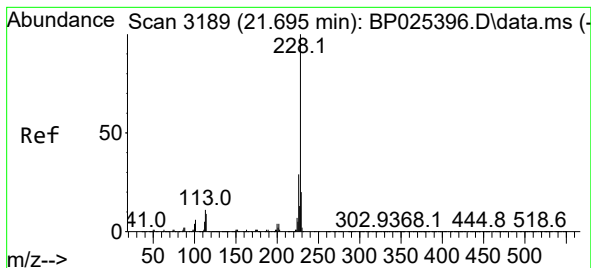
Ion Ratio Lower Upper

252 100

254 65.3 51.8 77.6

126 11.4 9.1 13.7





#83

Chrysene

Concen: 46.284 ng

RT: 21.695 min Scan# 3189

Delta R.T. -0.000 min

Lab File: BP025416.D

Acq: 15 Aug 2025 06:29

Instrument :

BNA_P

ClientSampleId :

88H-EMSD

Tgt Ion:228 Resp: 263496

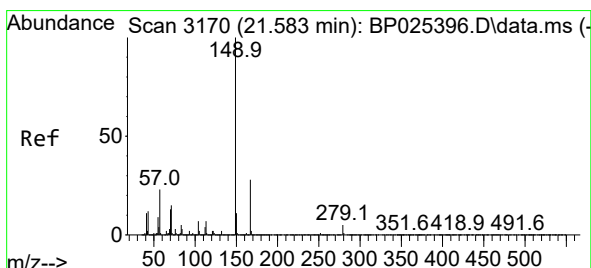
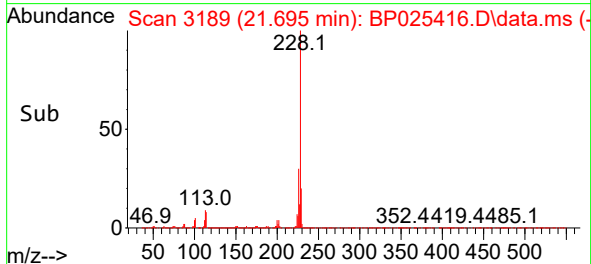
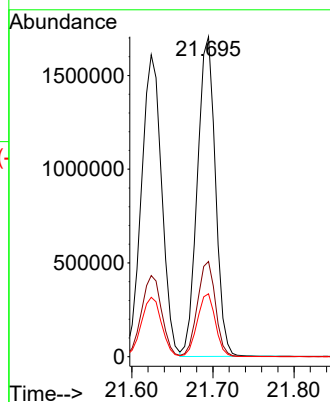
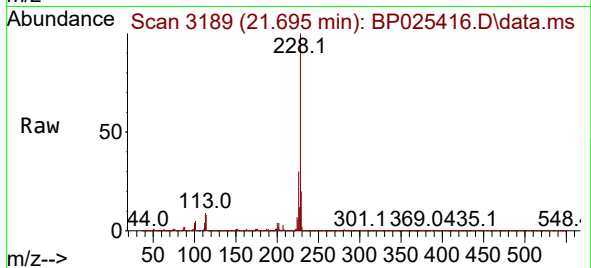
Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.2	34.8
229	19.7	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.787 ng

RT: 21.565 min Scan# 3167

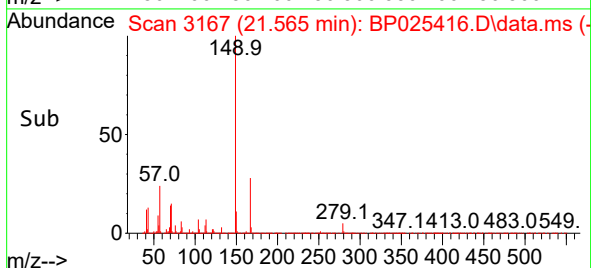
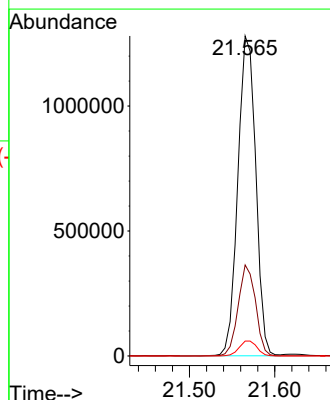
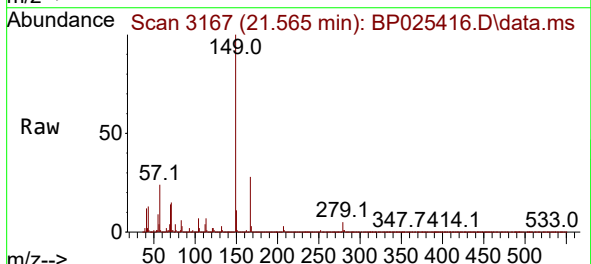
Delta R.T. -0.018 min

Lab File: BP025416.D

Acq: 15 Aug 2025 06:29

Tgt Ion:149 Resp: 1870070

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.1	33.1
279	4.7	3.8	5.6





#85

Di-n-octyl phthalate

Concen: 47.830 ng

RT: 22.853 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP025416.D

Acq: 15 Aug 2025 06:29

Instrument :

BNA_P

ClientSampleId :

88H-EMSD

Tgt Ion:149 Resp: 3288310

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

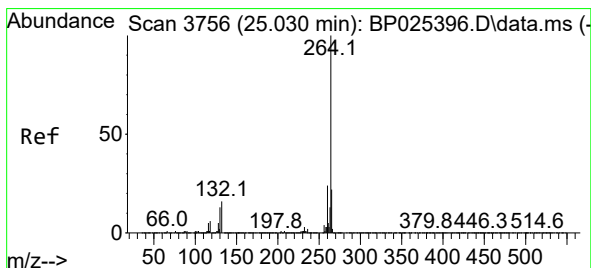
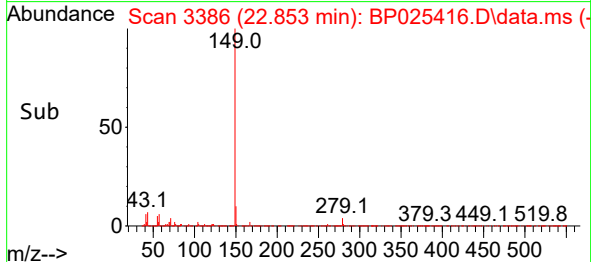
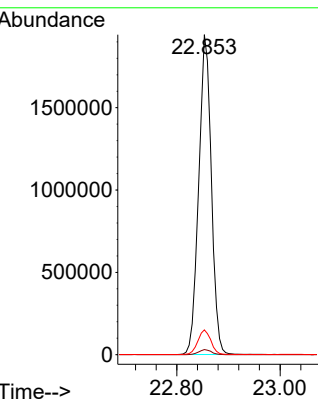
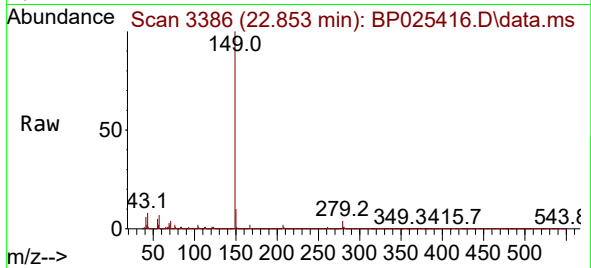
43 7.9 6.3 9.5

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.024 min Scan# 3755

Delta R.T. -0.006 min

Lab File: BP025416.D

Acq: 15 Aug 2025 06:29

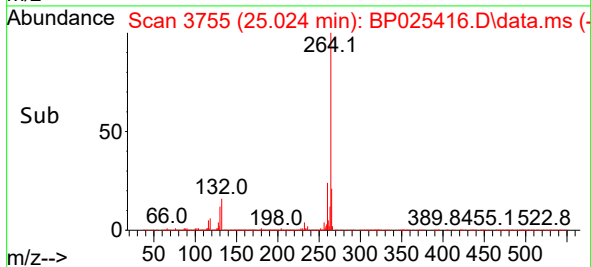
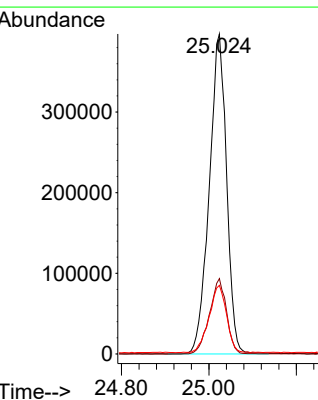
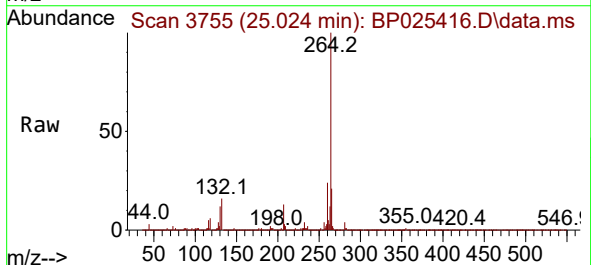
Tgt Ion:264 Resp: 1086411

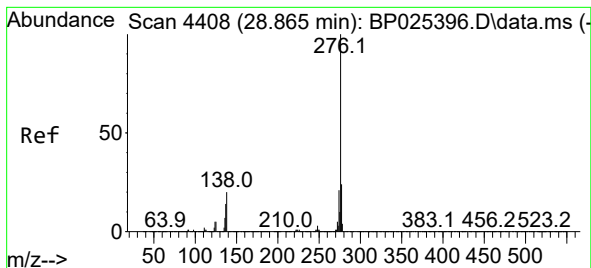
Ion Ratio Lower Upper

264 100

260 23.6 19.3 28.9

265 21.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.019 ng m

RT: 28.835 min Scan# 4408

Delta R.T. -0.030 min

Lab File: BP025416.D

Acq: 15 Aug 2025 06:29

Instrument :

BNA_P

ClientSampleId :

88H-EMSD

Tgt Ion:276 Resp: 366649

Ion Ratio Lower Upper

276 100

138 16.6 12.9 19.3

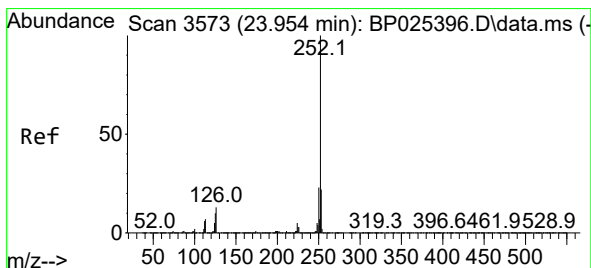
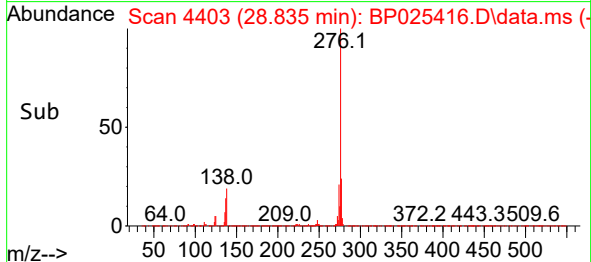
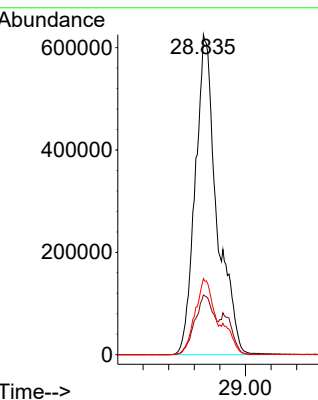
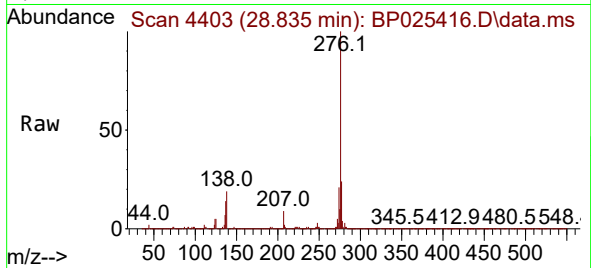
277 21.0 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#88

Benzo(b)fluoranthene

Concen: 45.844 ng

RT: 23.930 min Scan# 3569

Delta R.T. -0.024 min

Lab File: BP025416.D

Acq: 15 Aug 2025 06:29

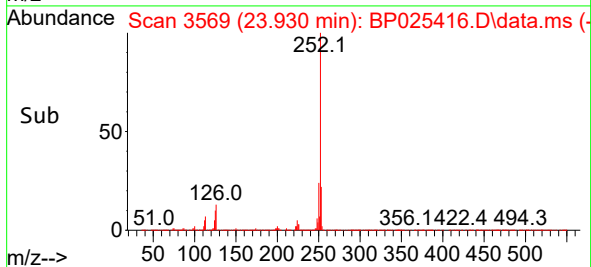
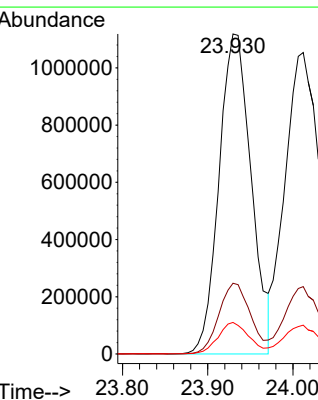
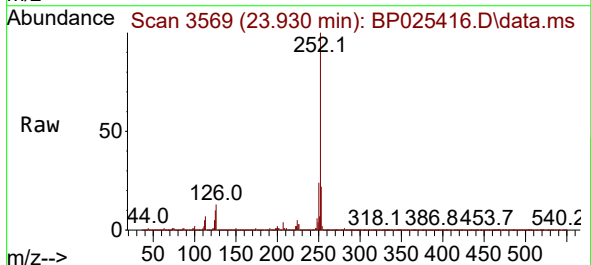
Tgt Ion:252 Resp: 2936896

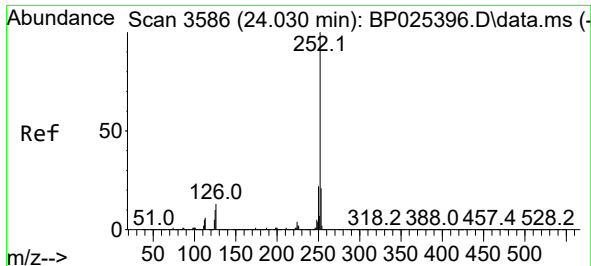
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

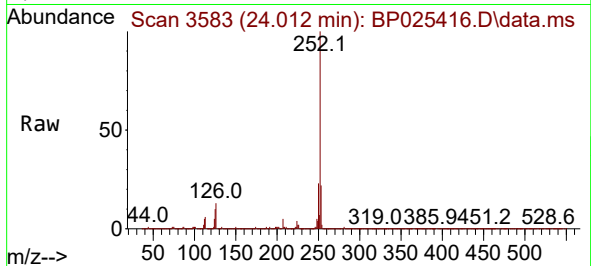
125 9.8 7.9 11.9





#89
Benzo(k)fluoranthene
Concen: 46.081 ng
RT: 24.012 min Scan# 3586
Delta R.T. -0.018 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

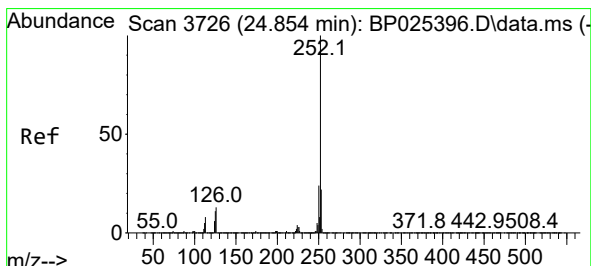
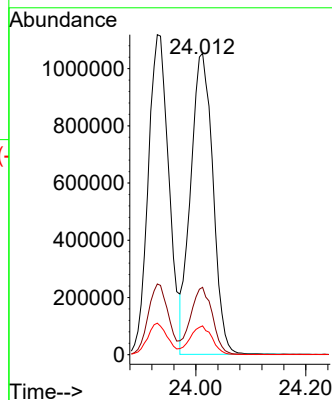
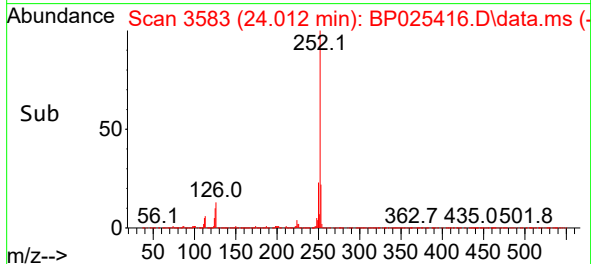
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



Tgt Ion:252 Resp: 295408
Ion Ratio Lower Upper
252 100
253 22.4 17.1 25.7
125 9.6 7.8 11.6

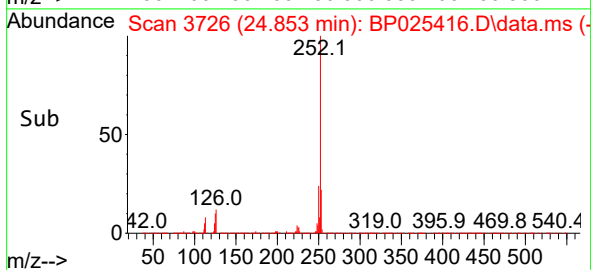
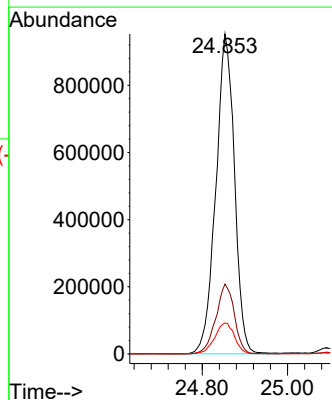
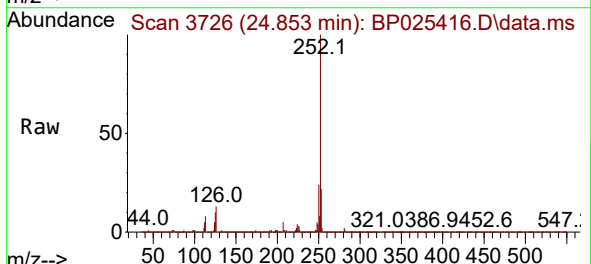
Manual Integrations
APPROVED

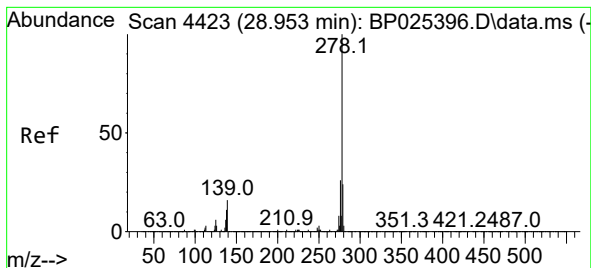
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#90
Benzo(a)pyrene
Concen: 46.372 ng
RT: 24.853 min Scan# 3726
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

Tgt Ion:252 Resp: 2891770
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.7 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 46.035 ng

RT: 28.912 min Scan# 44

Delta R.T. -0.042 min

Lab File: BP025416.D

Acq: 15 Aug 2025 06:29

Instrument :

BNA_P

ClientSampleId :

88H-EMSD

Tgt Ion:278 Resp: 2997319

Ion Ratio Lower Upper

278 100

139 15.9 13.0 19.4

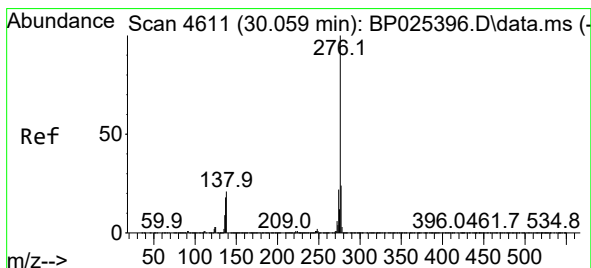
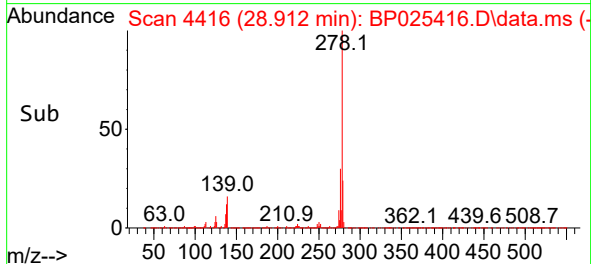
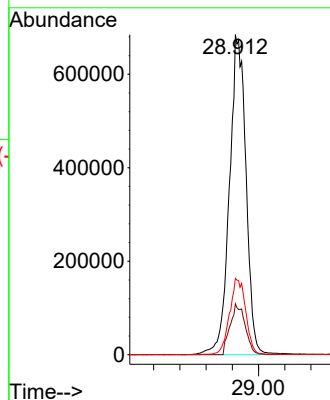
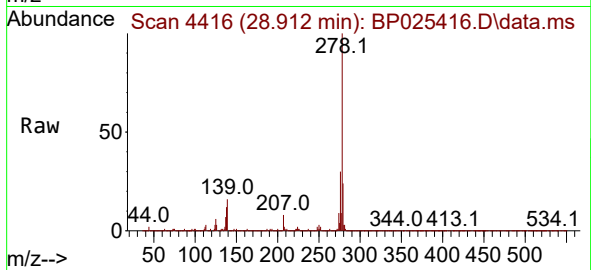
279 23.9 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#92

Benzo(g,h,i)perylene

Concen: 45.726 ng

RT: 30.024 min Scan# 4605

Delta R.T. -0.036 min

Lab File: BP025416.D

Acq: 15 Aug 2025 06:29

Tgt Ion:276 Resp: 2926520

Ion Ratio Lower Upper

276 100

277 23.6 19.4 29.0

138 20.0 16.7 25.1

