

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052925\
 Data File : BP024830.D
 Acq On : 29 May 2025 15:22
 Operator : RC/JU
 Sample : PB168198BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168198BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/30/2025
 Supervised By :Jagrut Upadhyay 05/30/2025

Quant Time: May 29 16:16:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 28 14:16:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	118853	20.000	ng	0.00
21) Naphthalene-d8	10.416	136	477004	20.000	ng	# 0.00
39) Acenaphthene-d10	14.281	164	300771	20.000	ng	0.00
64) Phenanthrene-d10	17.075	188	596428	20.000	ng	0.01
76) Chrysene-d12	21.504	240	701915	20.000	ng	0.01
86) Perylene-d12	24.757	264	889249	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	918422	132.167	ng	0.00
7) Phenol-d6	6.846	99	1134730	127.947	ng	0.00
23) Nitrobenzene-d5	8.793	82	688897	72.971	ng	0.00
42) 2,4,6-Tribromophenol	15.798	330	782866	153.535	ng	0.01
45) 2-Fluorobiphenyl	12.887	172	1861567	81.088	ng	0.00
79) Terphenyl-d14	19.798	244	3288014	80.322	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.216	88	100527	30.808	ng	100
3) Pyridine	3.611	79	245542	33.936	ng	97
4) n-Nitrosodimethylamine	3.522	42	122871	38.467	ng	95
6) Aniline	6.987	93	346707	30.279	ng	100
8) 2-Chlorophenol	7.222	128	359609	45.586	ng	98
9) Benzaldehyde	6.805	77	173052	30.143	ng	96
10) Phenol	6.875	94	395773	43.237	ng	98
11) bis(2-Chloroethyl)ether	7.081	93	280655	37.313	ng	98
12) 1,3-Dichlorobenzene	7.534	146	374772	41.293	ng	97
13) 1,4-Dichlorobenzene	7.681	146	381794	41.826	ng	99
14) 1,2-Dichlorobenzene	7.993	146	366661	41.222	ng	98
15) Benzyl Alcohol	7.893	79	289418	42.943	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.157	45	331692	36.823	ng	98
17) 2-Methylphenol	8.099	107	285993	43.561	ng	98
18) Hexachloroethane	8.704	117	138362	39.555	ng	97
19) n-Nitroso-di-n-propyla...	8.446	70	224308	36.563	ng	97
20) 3+4-Methylphenols	8.428	107	388182	43.466	ng	99
22) Acetophenone	8.463	105	495726	41.604	ng	# 99
24) Nitrobenzene	8.834	77	336034	40.447	ng	95
25) Isophorone	9.357	82	644243	39.341	ng	98
26) 2-Nitrophenol	9.540	139	196971	48.384	ng	99
27) 2,4-Dimethylphenol	9.610	122	335793	46.783	ng	100
28) bis(2-Chloroethoxy)met...	9.834	93	393439	40.214	ng	98
29) 2,4-Dichlorophenol	10.093	162	339045	48.745	ng	98
30) 1,2,4-Trichlorobenzene	10.281	180	350138	44.672	ng	99
31) Naphthalene	10.463	128	1063778	43.035	ng	100
32) Benzoic acid	9.799	122	248222m	49.415	ng	
33) 4-Chloroaniline	10.587	127	215981	21.653	ng	99
34) Hexachlorobutadiene	10.740	225	227798	44.864	ng	96
35) Caprolactam	11.393	113	115151	45.758	ng	92
36) 4-Chloro-3-methylphenol	11.734	107	384736	45.358	ng	96
37) 2-Methylnaphthalene	12.081	142	686101	42.866	ng	98
38) 1-Methylnaphthalene	12.304	142	729592	42.602	ng	100
40) 1,2,4,5-Tetrachloroben...	12.451	216	400534	45.859	ng	99
41) Hexachlorocyclopentadiene	12.428	237	552493	104.322	ng	95
43) 2,4,6-Trichlorophenol	12.710	196	286957	50.725	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	318507	50.580	ng	96
46) 1,1'-Biphenyl	13.104	154	990837	44.571	ng	99
47) 2-Chloronaphthalene	13.145	162	759255	44.794	ng	99
48) 2-Nitroaniline	13.369	65	219592	43.759	ng	93
49) Acenaphthylene	13.998	152	1263201	44.533	ng	99
50) Dimethylphthalate	13.739	163	1018564	44.430	ng	100
51) 2,6-Dinitrotoluene	13.863	165	222342	45.923	ng	97
52) Acenaphthene	14.345	154	717257	43.985	ng	100
53) 3-Nitroaniline	14.204	138	134870	27.282	ng	94
54) 2,4-Dinitrophenol	14.422	184	290036	93.799	ng	97
55) Dibenzofuran	14.686	168	1163550	44.734	ng	99
56) 4-Nitrophenol	14.557	139	333361	78.001	ng	96
57) 2,4-Dinitrotoluene	14.669	165	325268	47.653	ng	99
58) Fluorene	15.345	166	974429	45.945	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.928	232	296545	50.765	ng	94
60) Diethylphthalate	15.122	149	1061150	45.798	ng	99
61) 4-Chlorophenyl-phenyle...	15.345	204	491616	46.480	ng	96
62) 4-Nitroaniline	15.386	138	234879m	49.205	ng	
63) Azobenzene	15.639	77	818686	41.303	ng	96
65) 4,6-Dinitro-2-methylph...	15.451	198	190285	49.392	ng	93
66) n-Nitrosodiphenylamine	15.569	169	857684	46.817	ng	99
67) 4-Bromophenyl-phenylether	16.257	248	344272	48.986	ng	95
68) Hexachlorobenzene	16.369	284	435145	48.726	ng	95
69) Atrazine	16.539	200	336221	50.079	ng	98
70) Pentachlorophenol	16.733	266	566632	113.032	ng	100
71) Phenanthrene	17.122	178	1506169	45.426	ng	99
72) Anthracene	17.216	178	1541452	46.208	ng	100
73) Carbazole	17.504	167	1437657	47.615	ng	100
74) Di-n-butylphthalate	18.080	149	1840862	47.407	ng	99
75) Fluoranthene	19.210	202	1807870	46.646	ng	98
77) Benzidine	19.416	184	827803	43.301	ng	100
78) Pyrene	19.580	202	1869195	44.444	ng	100
80) Butylbenzylphthalate	20.527	149	880274	47.062	ng	95
81) Benzo(a)anthracene	21.486	228	2034794	46.167	ng	99
82) 3,3'-Dichlorobenzidine	21.410	252	601191	36.725	ng	99
83) Chrysene	21.551	228	1868886	44.731	ng	100
84) Bis(2-ethylhexyl)phtha...	21.416	149	1309342	47.626	ng	98
85) Di-n-octyl phthalate	22.657	149	2333511	51.905	ng	98
87) Indeno(1,2,3-cd)pyrene	28.468	276	3120845	48.072	ng	# 90
88) Benzo(b)fluoranthene	23.745	252	2315190	45.486	ng	99
89) Benzo(k)fluoranthene	23.810	252	2338283	44.583	ng	99
90) Benzo(a)pyrene	24.609	252	2214796	45.307	ng	99
91) Dibenzo(a,h)anthracene	28.556	278	2567781	48.618	ng	98
92) Benzo(g,h,i)perylene	29.621	276	2443284	46.520	ng	98

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

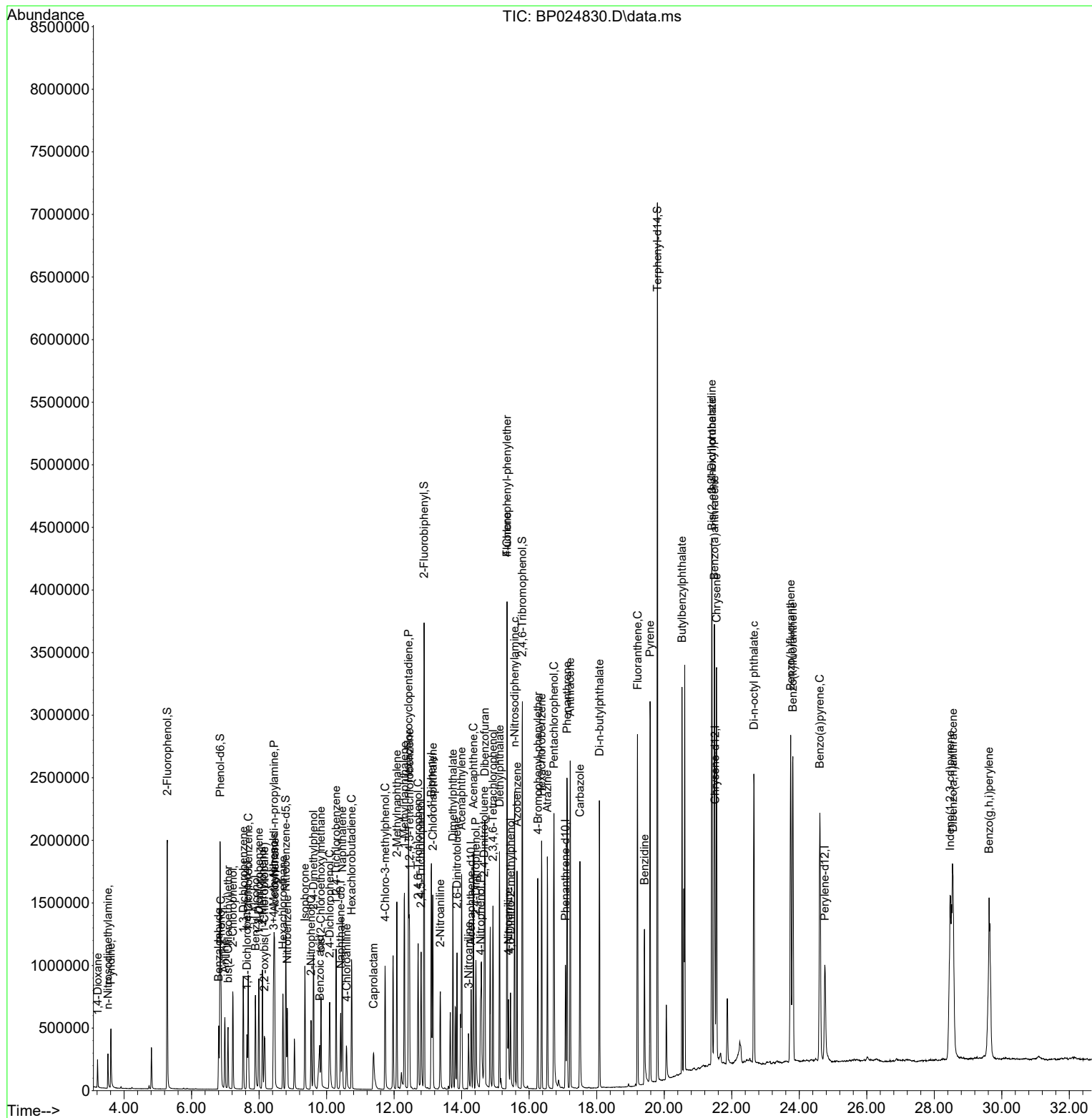
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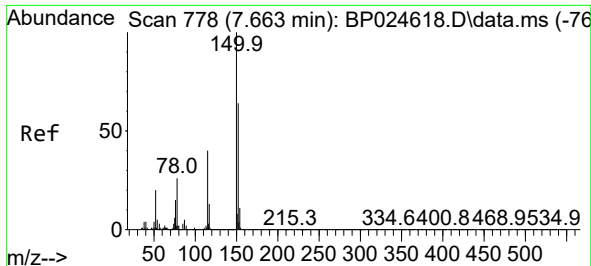
Instrument :
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.640 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22

Instrument :

BNA_P

ClientSampleId :

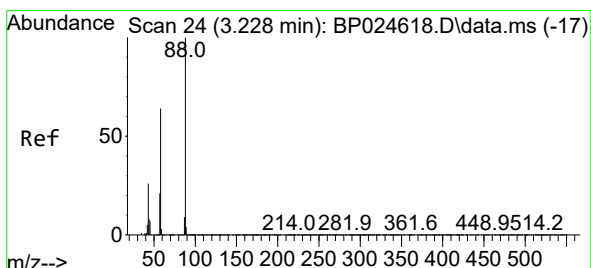
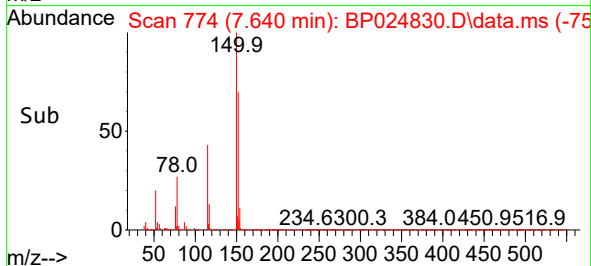
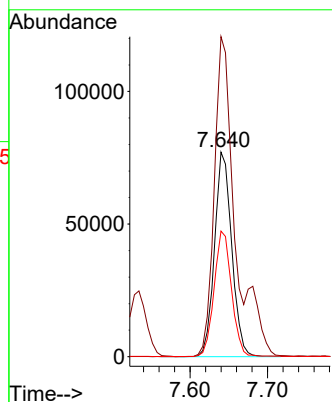
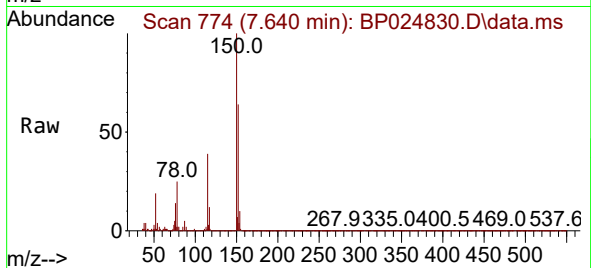
PB168198BS

Tgt Ion:152 Resp: 11885
Ion Ratio Lower Upper
152 100
150 156.5 125.9 188.9
115 61.4 50.1 75.1

Manual Integrations

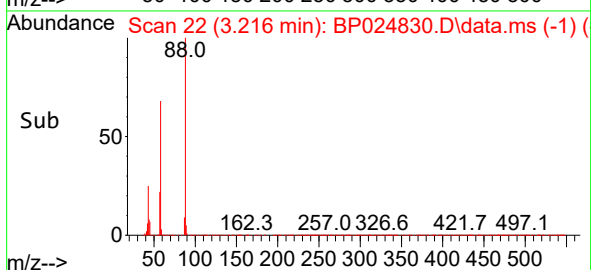
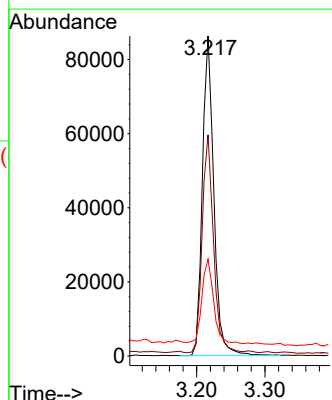
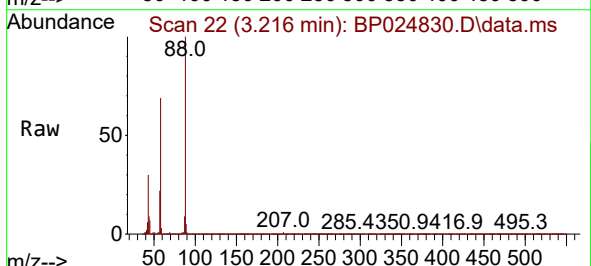
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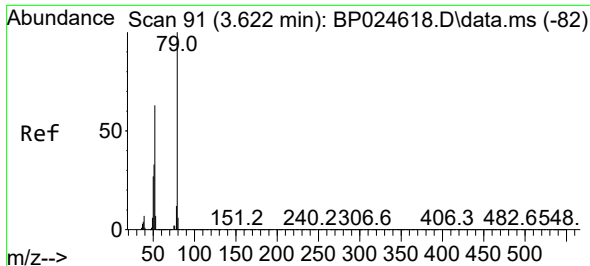
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#2
1,4-Dioxane
Concen: 30.808 ng
RT: 3.216 min Scan# 22
Delta R.T. -0.006 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22

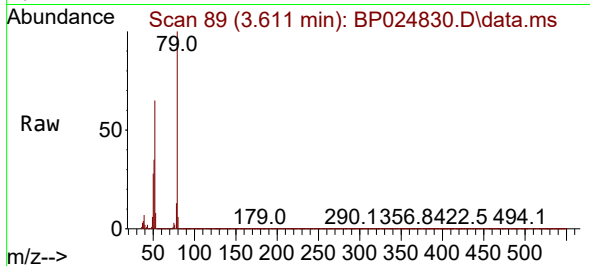
Tgt Ion: 88 Resp: 100527
Ion Ratio Lower Upper
88 100
58 67.8 54.0 81.0
43 26.7 21.4 32.0





#3
 Pyridine
 Concen: 33.936 ng
 RT: 3.611 min Scan# 89
 Delta R.T. -0.006 min
 Lab File: BP024830.D
 Acq: 29 May 2025 15:22

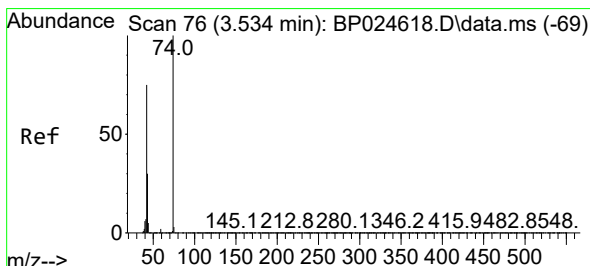
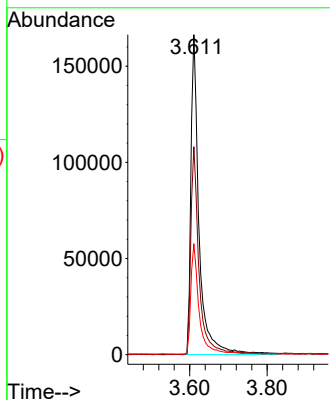
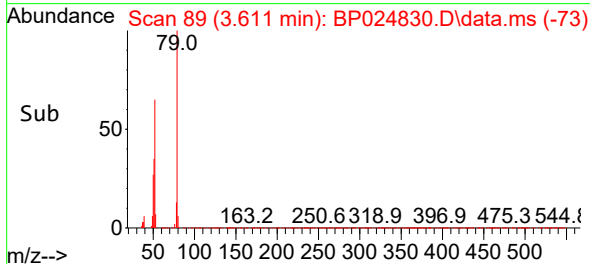
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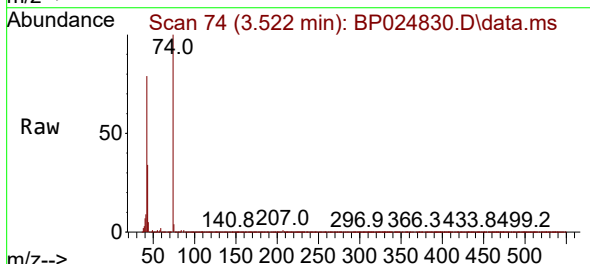
Tgt Ion: 79 Resp: 24554
 Ion Ratio Lower Upper
 79 100
 52 65.0 50.2 75.2
 51 34.7 26.8 40.2

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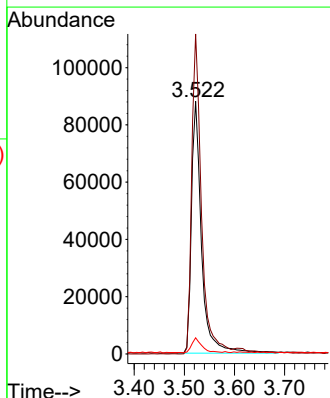
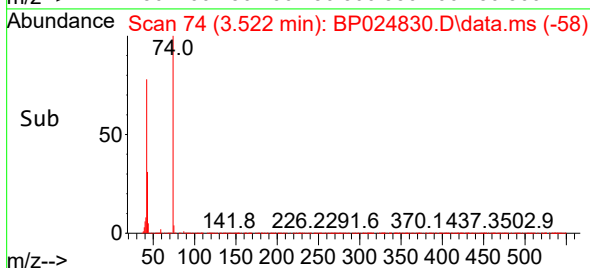
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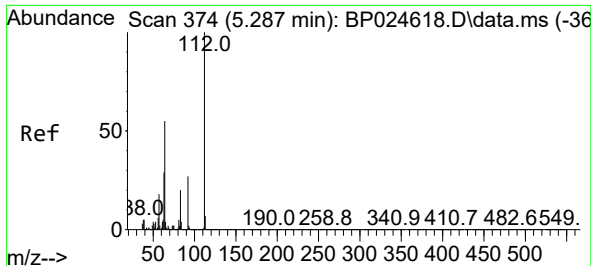


#4
 n-Nitrosodimethylamine
 Concen: 38.467 ng
 RT: 3.522 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BP024830.D
 Acq: 29 May 2025 15:22



Tgt Ion: 42 Resp: 122871
 Ion Ratio Lower Upper
 42 100
 74 126.7 106.2 159.2
 44 6.4 5.4 8.2





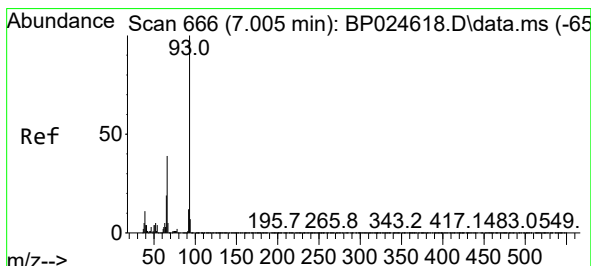
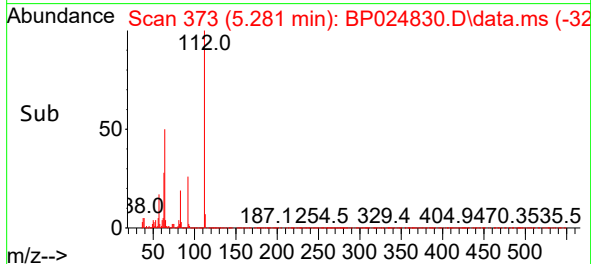
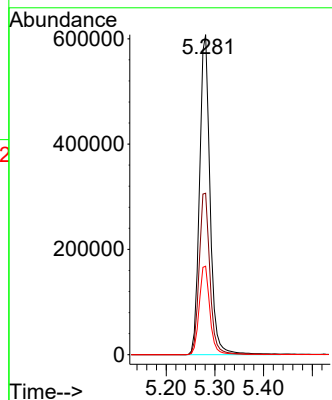
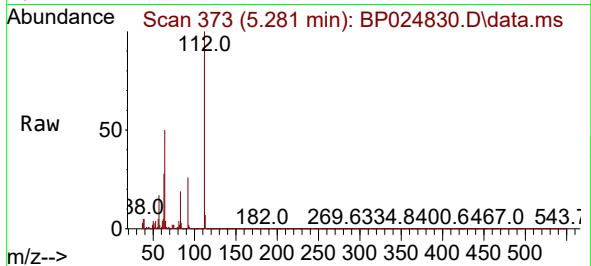
#5
2-Fluorophenol
Concen: 132.167 ng
RT: 5.281 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22

Instrument :
BNA_P
ClientSampleId :
PB168198BS

Tgt Ion:112 Resp: 91842
Ion Ratio Lower Upper
112 100
64 50.4 44.1 66.1
63 27.7 23.5 35.3

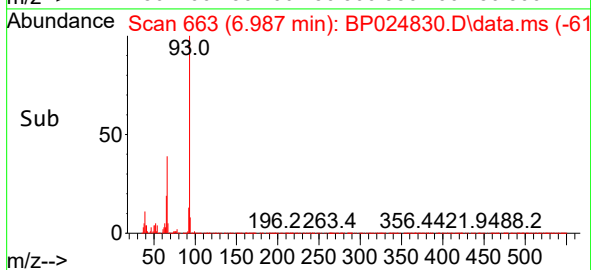
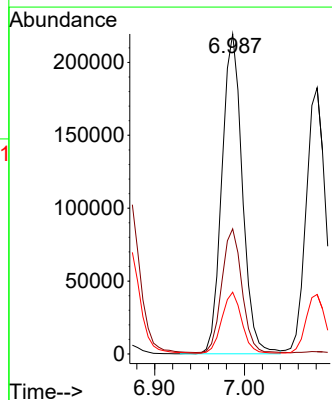
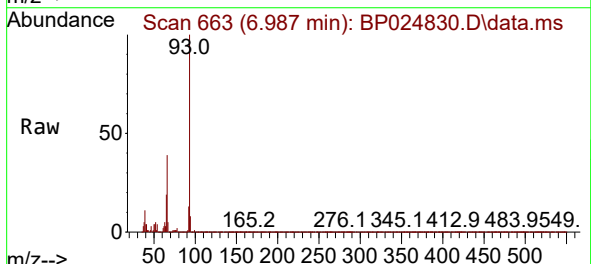
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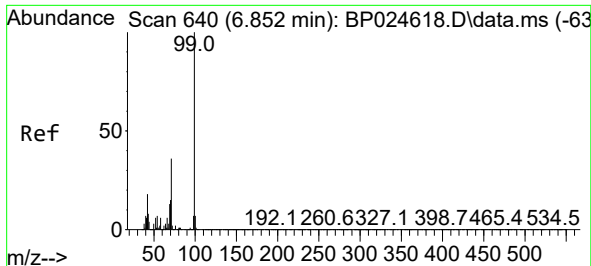
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#6
Aniline
Concen: 30.279 ng
RT: 6.987 min Scan# 663
Delta R.T. 0.000 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22

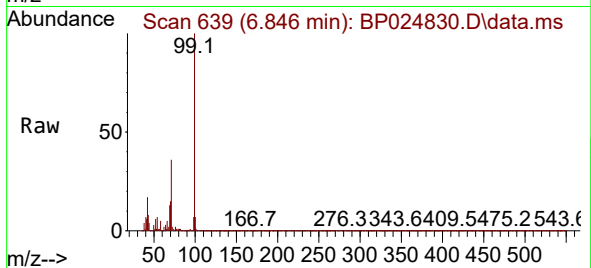
Tgt Ion: 93 Resp: 346707
Ion Ratio Lower Upper
93 100
66 39.1 31.0 46.6
65 19.3 15.5 23.3





#7
Phenol-d6
Concen: 127.947 ng
RT: 6.846 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024830.D
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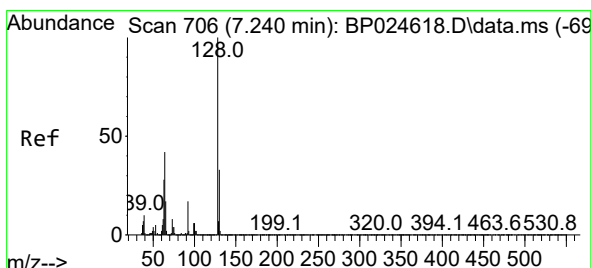
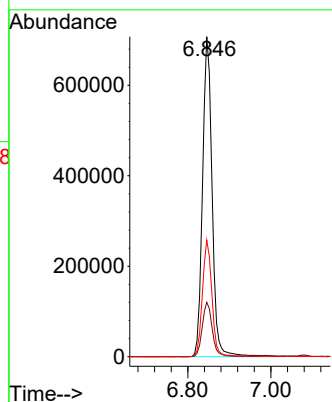
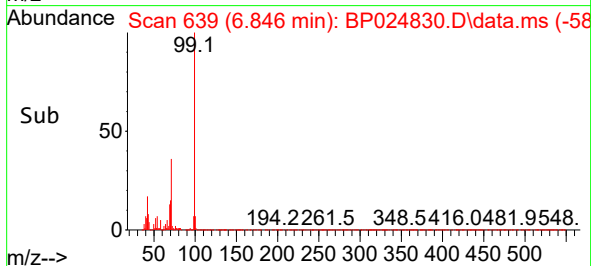
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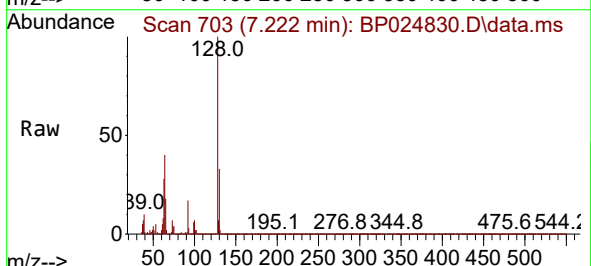
Tgt Ion: 99 Resp: 1134730
Ion Ratio Lower Upper
99 100
42 17.0 14.4 21.6
71 36.5 29.2 43.8

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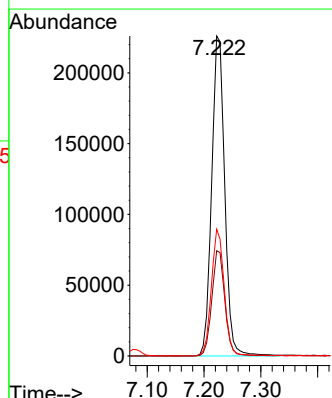
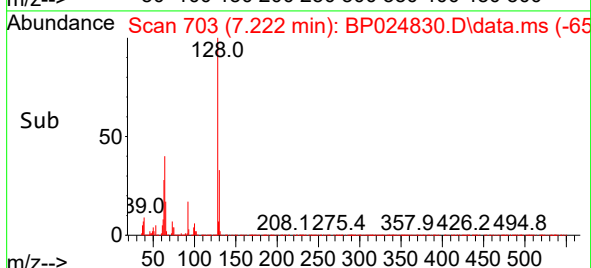
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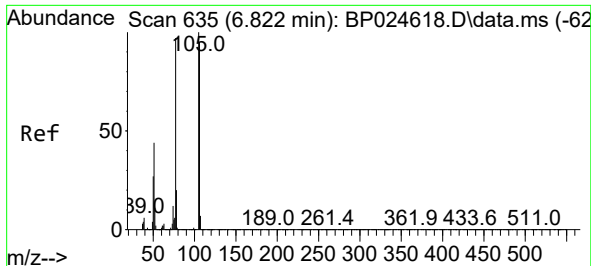


#8
2-Chlorophenol
Concen: 45.586 ng
RT: 7.222 min Scan# 703
Delta R.T. 0.000 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22



Tgt Ion:128 Resp: 359609
Ion Ratio Lower Upper
128 100
130 32.9 13.0 53.0
64 39.6 22.3 62.3





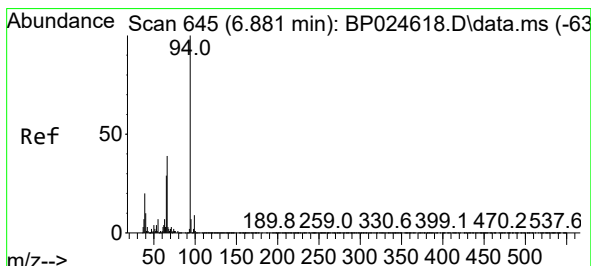
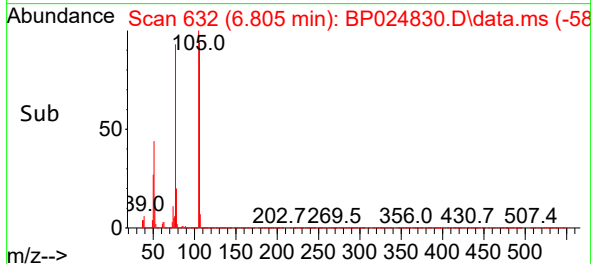
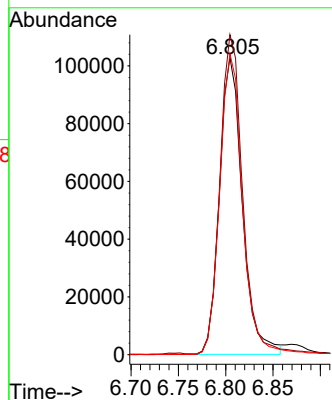
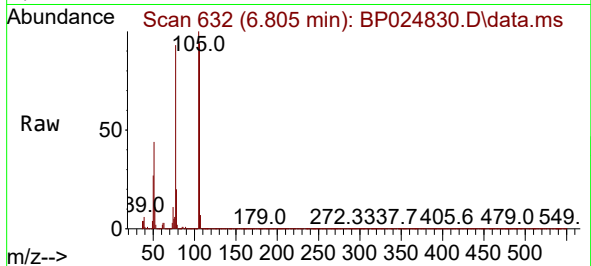
#9
Benzaldehyde
Concen: 30.143 ng
RT: 6.805 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22

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ClientSampleId :
PB168198BS

Tgt Ion: 77 Resp: 17305
Ion Ratio Lower Upper
77 100
105 107.8 83.3 123.3
106 101.3 78.0 118.0

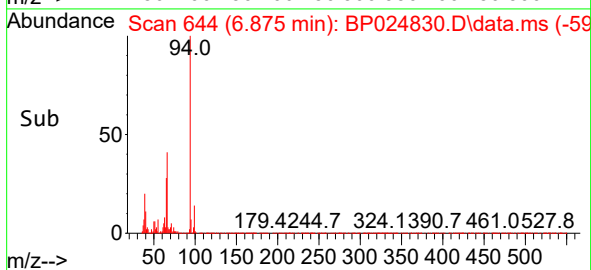
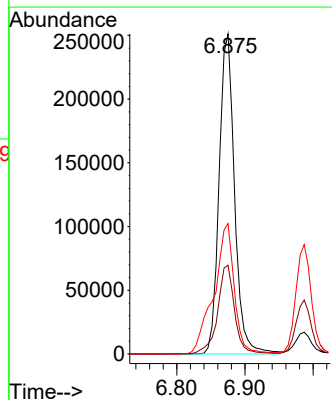
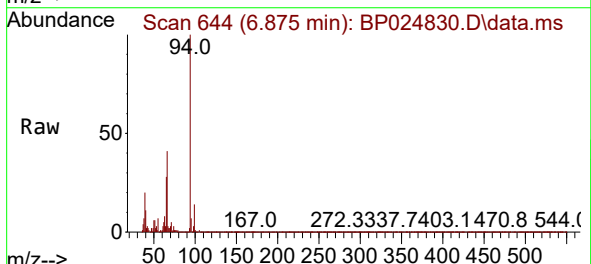
Manual Integrations
APPROVED

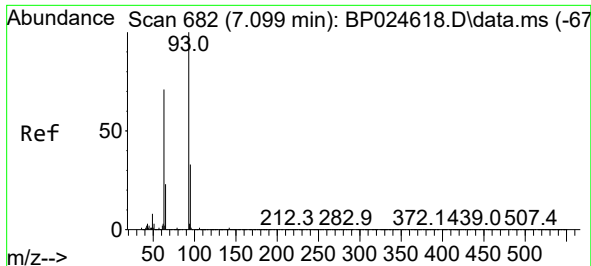
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025



#10
Phenol
Concen: 43.237 ng
RT: 6.875 min Scan# 644
Delta R.T. 0.000 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22

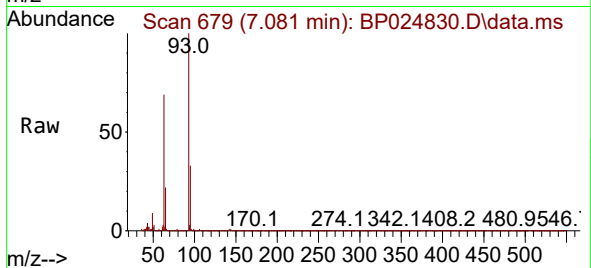
Tgt Ion: 94 Resp: 395773
Ion Ratio Lower Upper
94 100
65 27.7 8.7 48.7
66 40.8 19.4 59.4





#11
bis(2-Chloroethyl)ether
Concen: 37.313 ng
RT: 7.081 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22

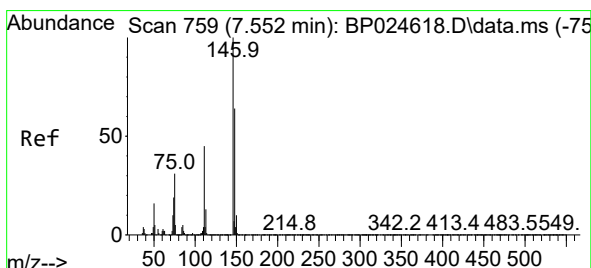
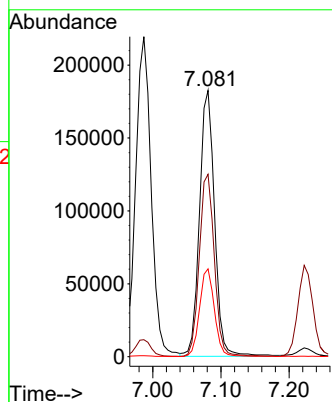
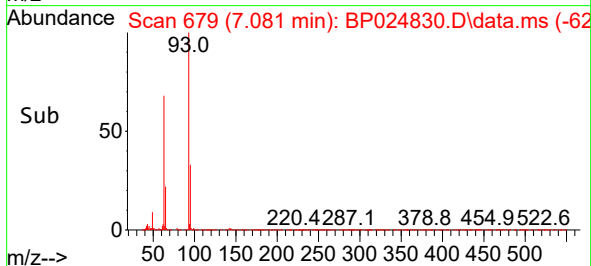
Instrument :
BNA_P
ClientSampleId :
PB168198BS



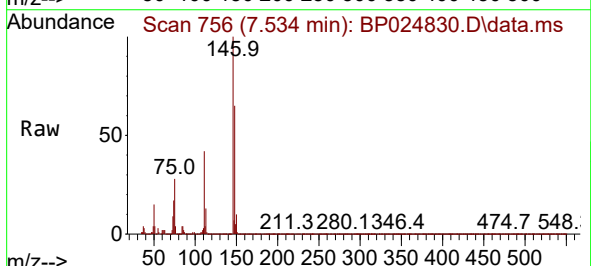
Tgt Ion: 93 Resp: 28065
Ion Ratio Lower Upper
93 100
63 68.5 50.6 90.6
95 33.0 12.9 52.9

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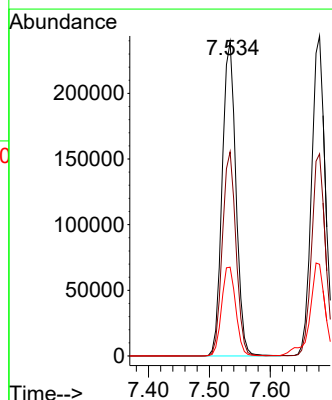
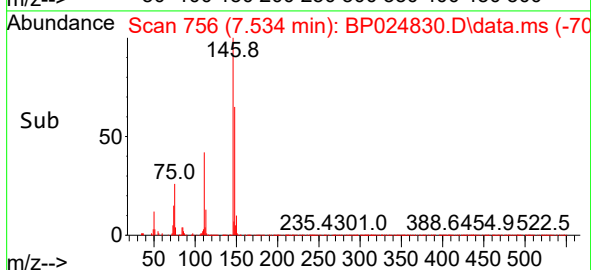
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025

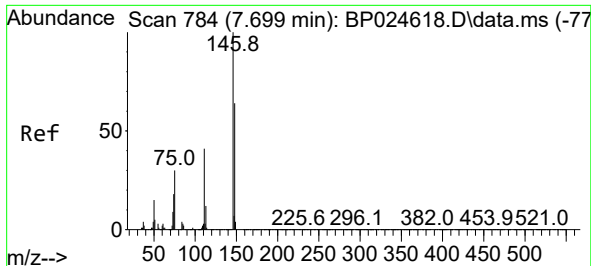


#12
1,3-Dichlorobenzene
Concen: 41.293 ng
RT: 7.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22



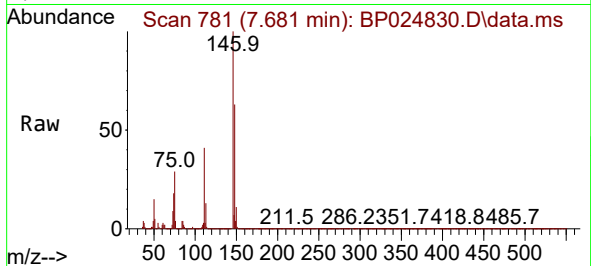
Tgt Ion:146 Resp: 374772
Ion Ratio Lower Upper
146 100
148 65.0 51.4 77.2
75 28.3 25.2 37.8





#13
1,4-Dichlorobenzene
Concen: 41.826 ng
RT: 7.681 min Scan# 781
Delta R.T. 0.000 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22

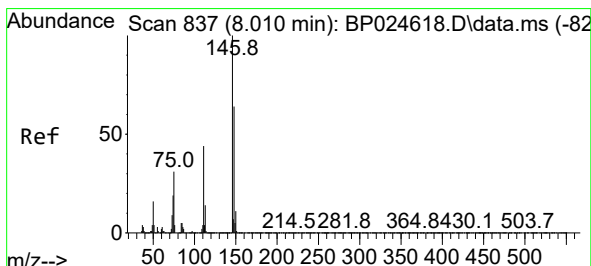
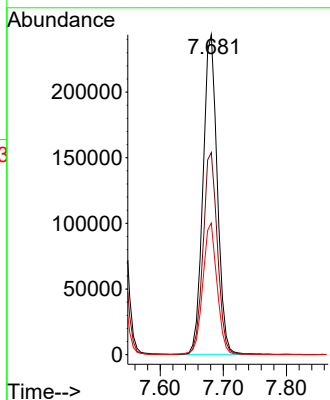
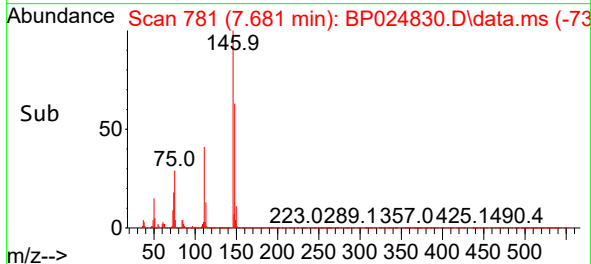
Instrument :
BNA_P
ClientSampleId :
PB168198BS



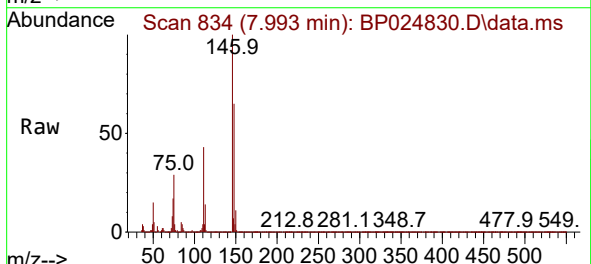
Tgt Ion:146 Resp: 381794
Ion Ratio Lower Upper
146 100
148 63.1 51.0 76.6
111 41.2 33.0 49.6

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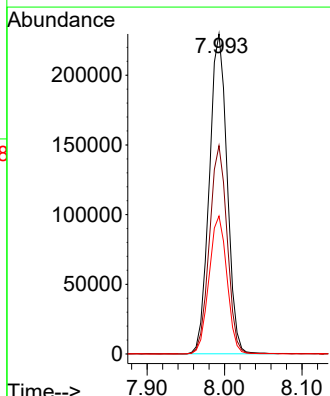
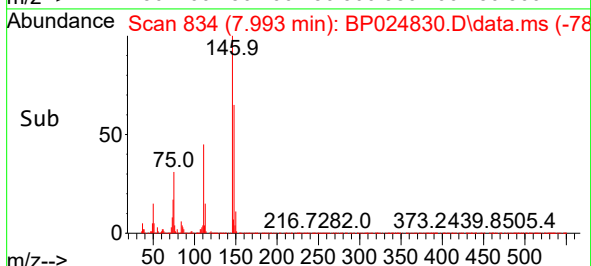
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025

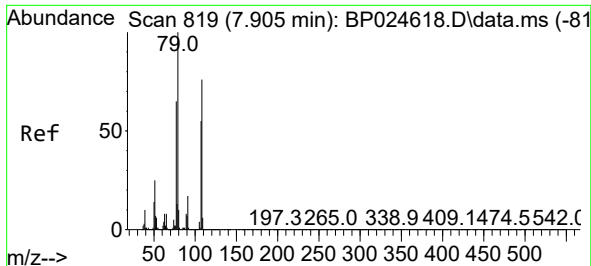


#14
1,2-Dichlorobenzene
Concen: 41.222 ng
RT: 7.993 min Scan# 834
Delta R.T. 0.000 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22



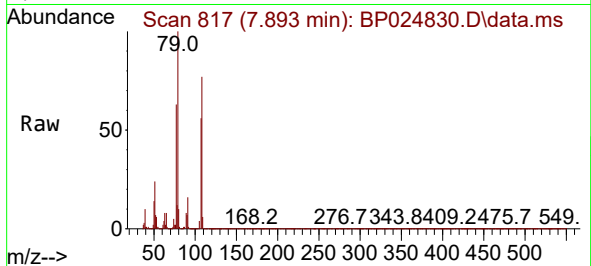
Tgt Ion:146 Resp: 366661
Ion Ratio Lower Upper
146 100
148 65.1 51.0 76.4
111 43.1 35.2 52.8





#15
Benzyl Alcohol
Concen: 42.943 ng
RT: 7.893 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22

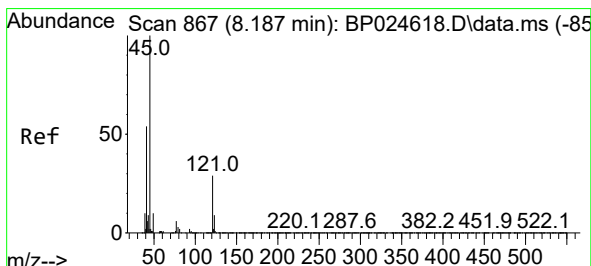
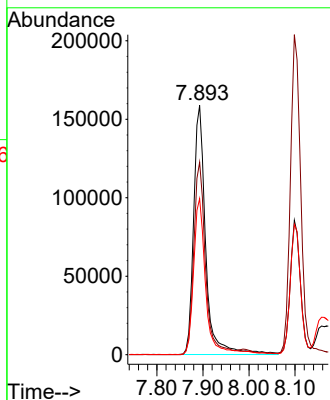
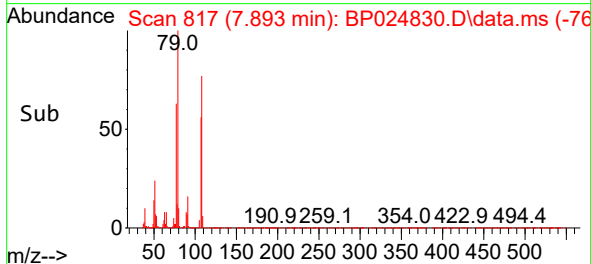
Instrument :
BNA_P
ClientSampleId :
PB168198BS



Tgt Ion: 79 Resp: 289418
Ion Ratio Lower Upper
79 100
108 77.2 60.8 91.2
77 62.6 51.9 77.9

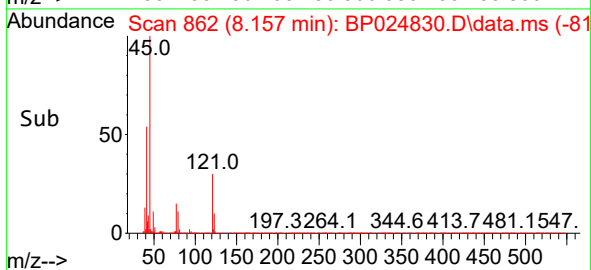
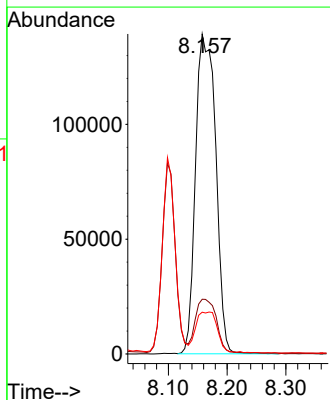
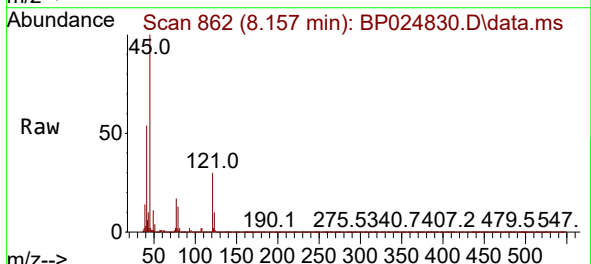
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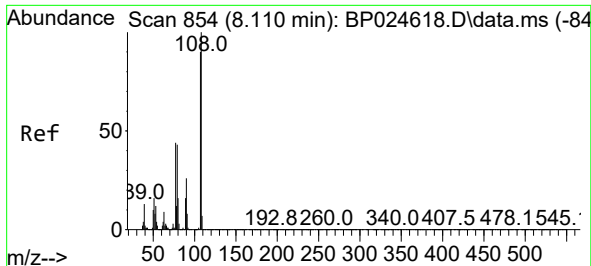
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.823 ng
RT: 8.157 min Scan# 862
Delta R.T. -0.006 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22

Tgt Ion: 45 Resp: 331692
Ion Ratio Lower Upper
45 100
77 17.1 0.0 37.7
79 13.1 0.0 34.0





#17

2-Methylphenol

Concen: 43.561 ng

RT: 8.099 min Scan# 854

Delta R.T. -0.006 min

Lab File: BP024830.D

Acq: 29 May 2025 15:22

Instrument :

BNA_P

ClientSampleId :

PB168198BS

Tgt Ion:107 Resp: 28599

Ion Ratio Lower Upper

107 100

108 113.1 88.9 133.3

77 46.1 39.0 58.6

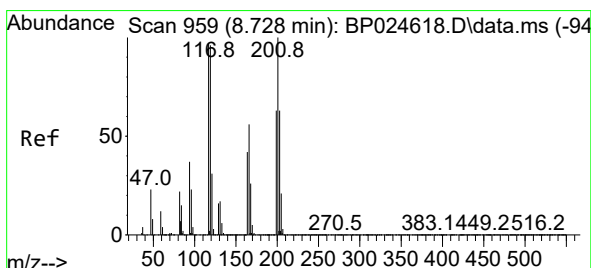
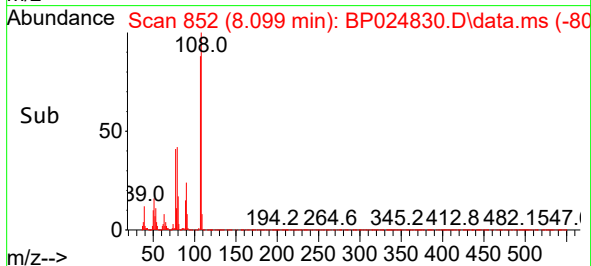
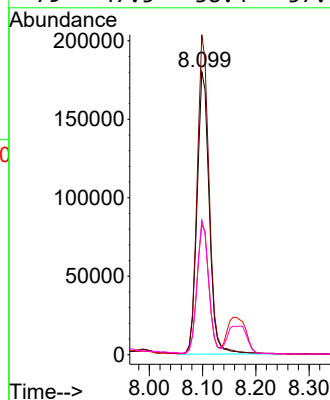
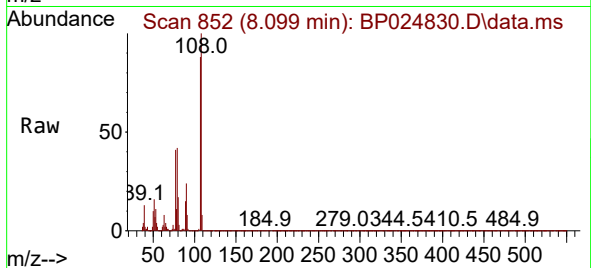
79 47.5 38.4 57.6

Manual Integrations

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Reviewed By :Rahul Chavli 05/30/2025

Supervised By :Jagrut Upadhyay 05/30/2025



#18

Hexachloroethane

Concen: 39.555 ng

RT: 8.704 min Scan# 955

Delta R.T. 0.000 min

Lab File: BP024830.D

Acq: 29 May 2025 15:22

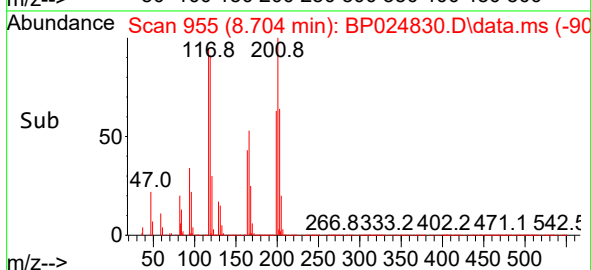
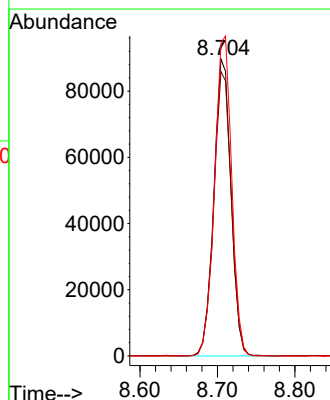
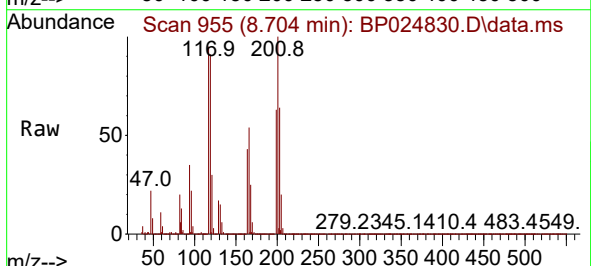
Tgt Ion:117 Resp: 138362

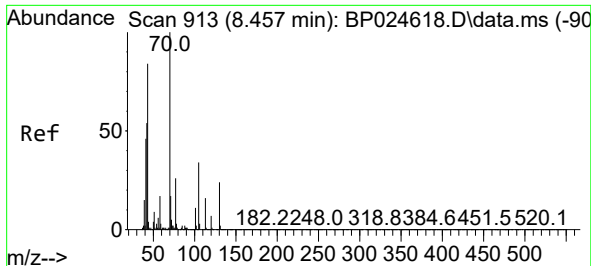
Ion Ratio Lower Upper

117 100

119 95.8 79.4 119.0

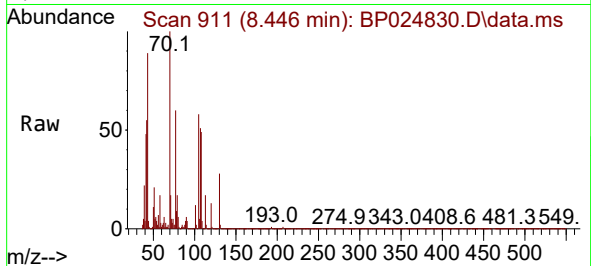
201 105.4 82.7 124.1





#19
n-Nitroso-di-n-propylamine
Concen: 36.563 ng
RT: 8.446 min Scan# 911
Delta R.T. 0.000 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22

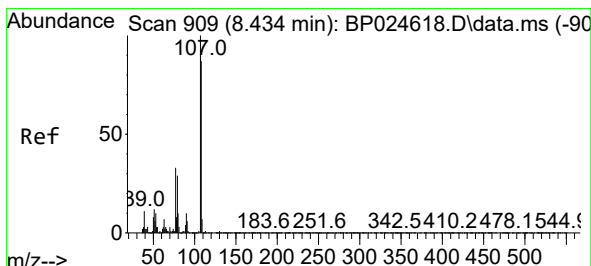
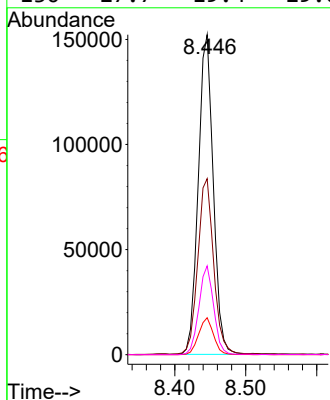
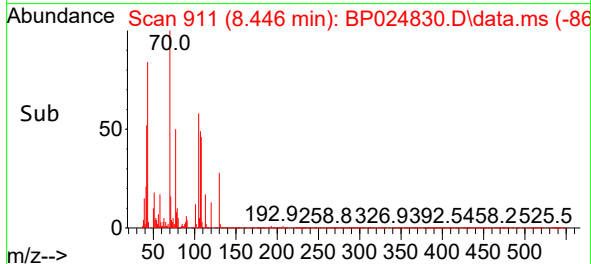
Instrument :
BNA_P
ClientSampleId :
PB168198BS



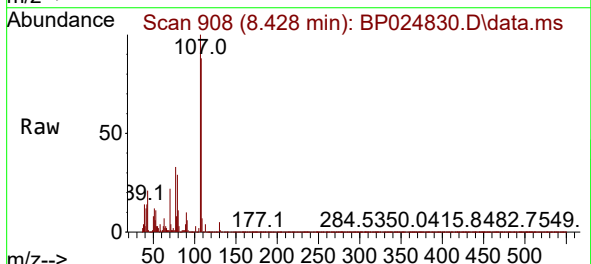
Tgt Ion: 70 Resp: 224308
Ion Ratio Lower Upper
70 100
42 55.0 43.0 64.6
101 11.5 8.7 13.1
130 27.7 19.4 29.0

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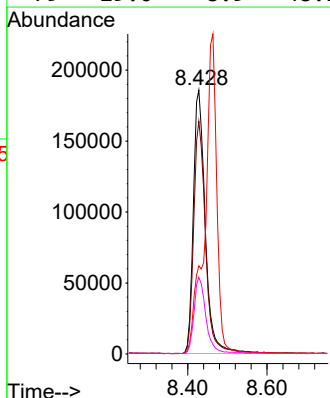
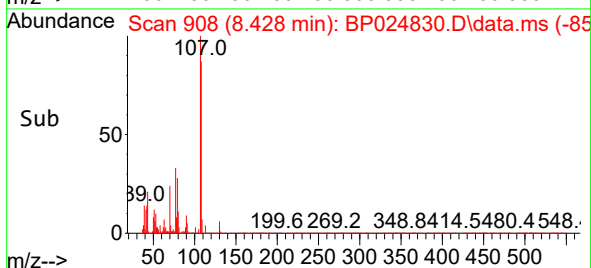
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025

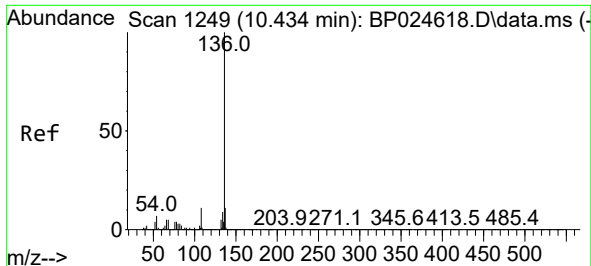


#20
3+4-Methylphenols
Concen: 43.466 ng
RT: 8.428 min Scan# 908
Delta R.T. 0.000 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22



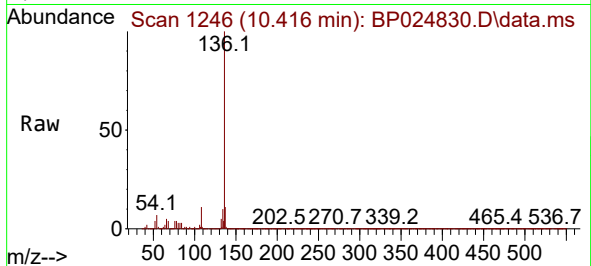
Tgt Ion:107 Resp: 388182
Ion Ratio Lower Upper
107 100
108 88.2 66.7 106.7
77 33.4 13.1 53.1
79 29.0 8.9 48.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.416 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22

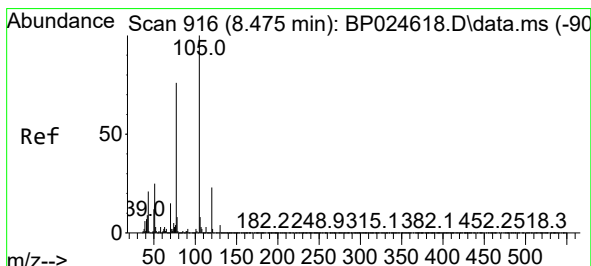
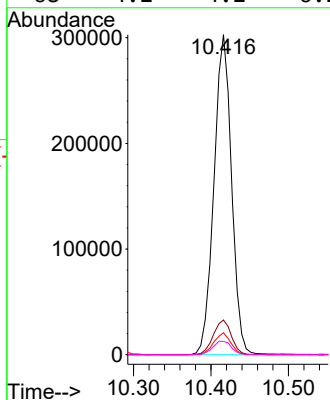
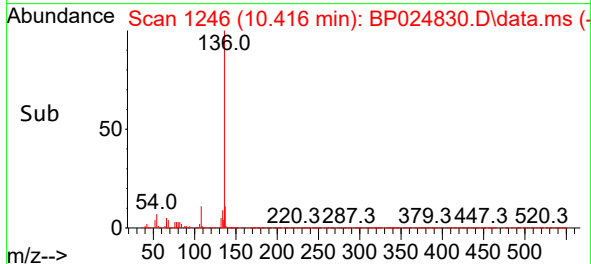
Instrument :
BNA_P
ClientSampleId :
PB168198BS



Tgt Ion:136 Resp: 477004
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.8 5.5 8.3
68 4.2 4.2 6.2#

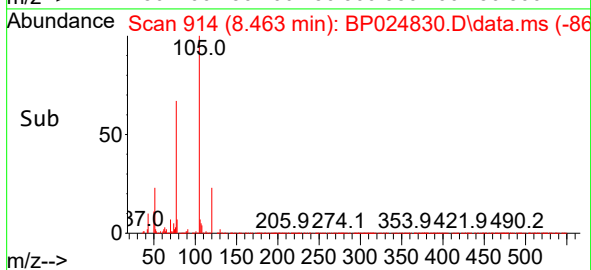
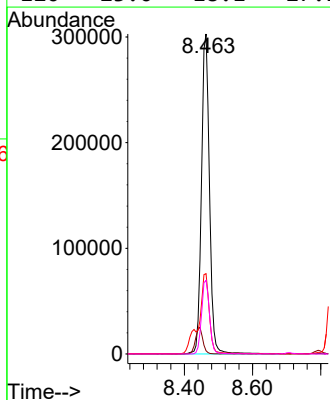
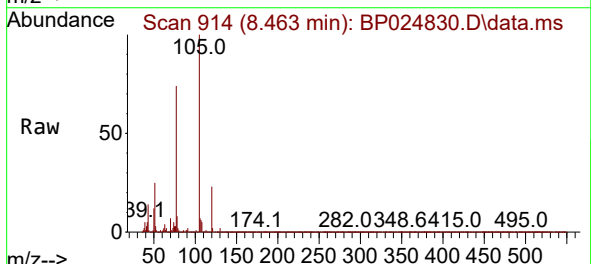
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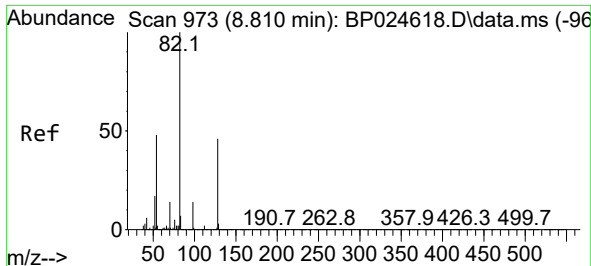
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025



#22
Acetophenone
Concen: 41.604 ng
RT: 8.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22

Tgt Ion:105 Resp: 495726
Ion Ratio Lower Upper
105 100
71 1.0 2.0 3.0#
51 25.1 20.4 30.6
120 23.0 18.1 27.1





#23
Nitrobenzene-d5
Concen: 72.971 ng
RT: 8.793 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22

Instrument :

BNA_P

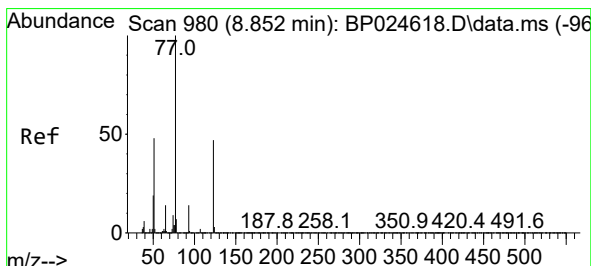
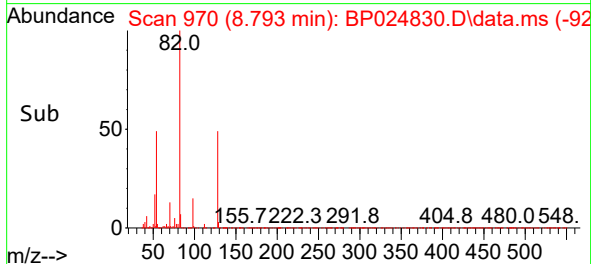
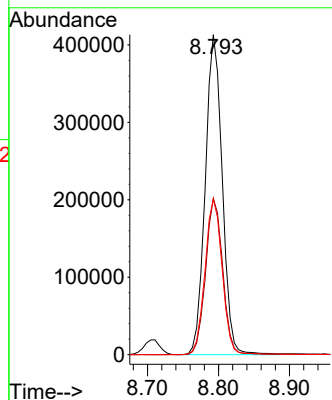
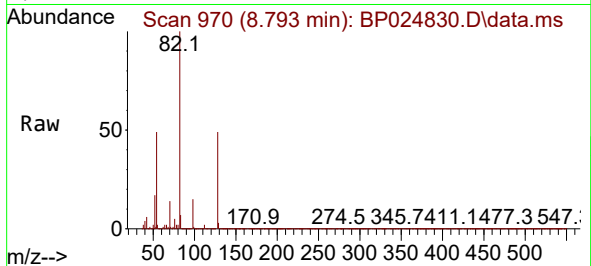
ClientSampleId :

PB168198BS

Tgt Ion: 82 Resp: 68889
Ion Ratio Lower Upper
82 100
128 48.9 37.0 55.4
54 48.7 38.7 58.1

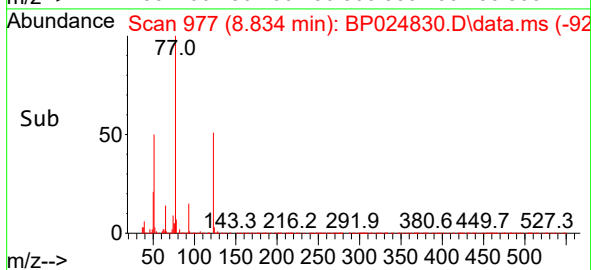
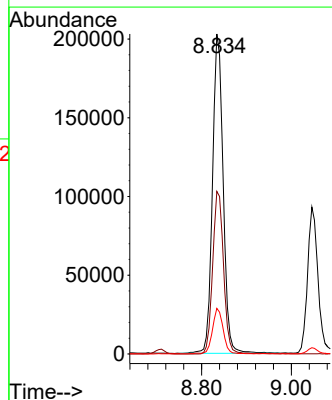
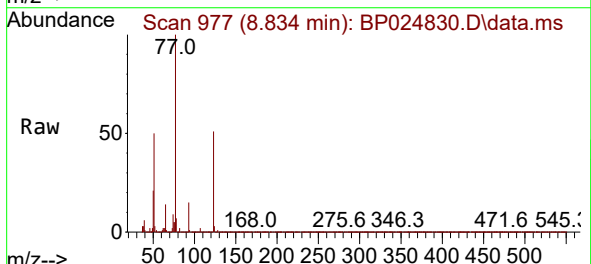
Manual Integrations
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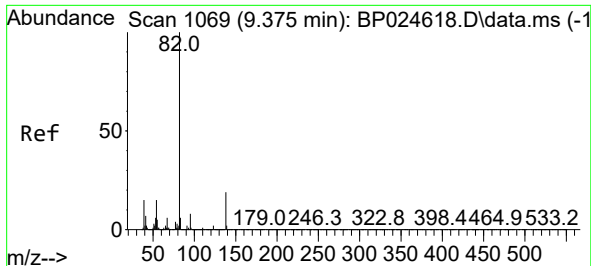
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025



#24
Nitrobenzene
Concen: 40.447 ng
RT: 8.834 min Scan# 977
Delta R.T. 0.000 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22

Tgt Ion: 77 Resp: 336034
Ion Ratio Lower Upper
77 100
123 50.8 37.4 56.0
65 14.3 11.3 16.9





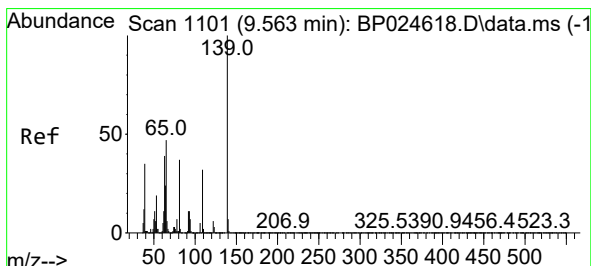
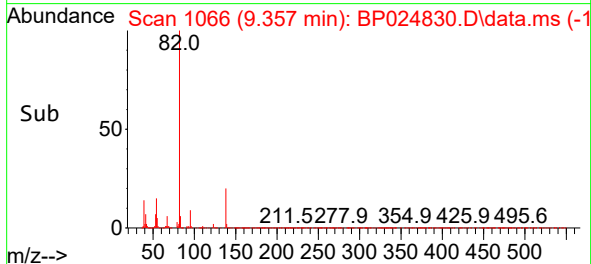
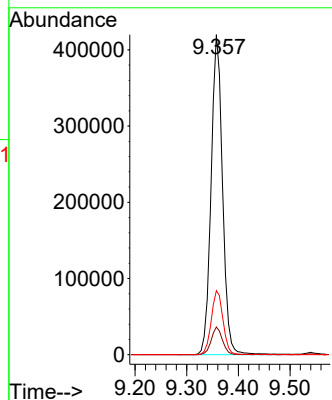
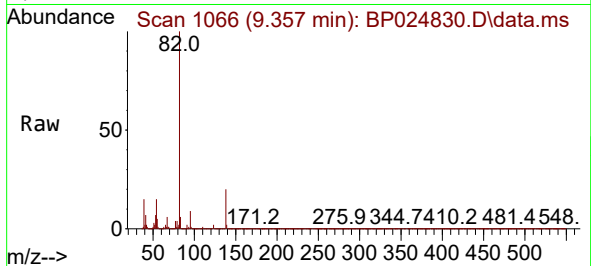
#25
Isophorone
Concen: 39.341 ng
RT: 9.357 min Scan# 1066
Delta R.T. 0.000 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22

Instrument :
BNA_P
ClientSampleId :
PB168198BS

Tgt Ion: 82 Resp: 64424
Ion Ratio Lower Upper
82 100
95 8.6 6.3 9.5
138 20.0 15.3 22.9

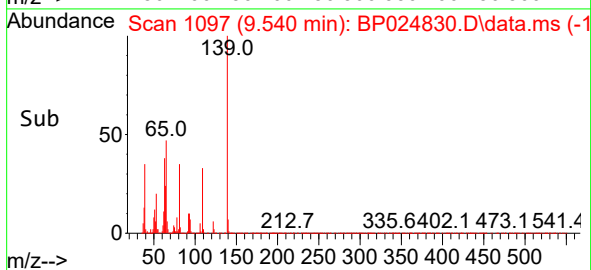
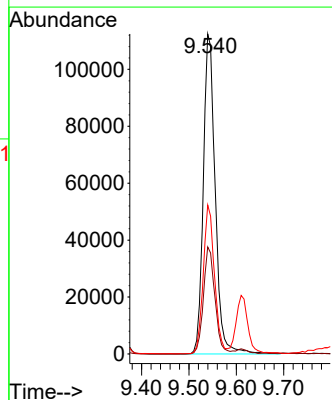
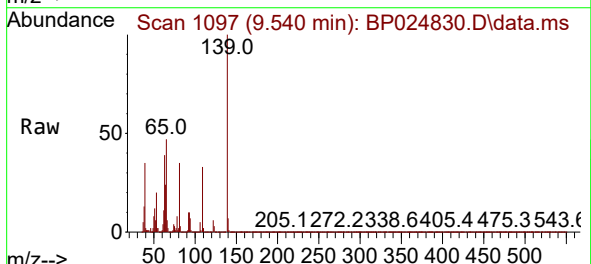
Manual Integrations
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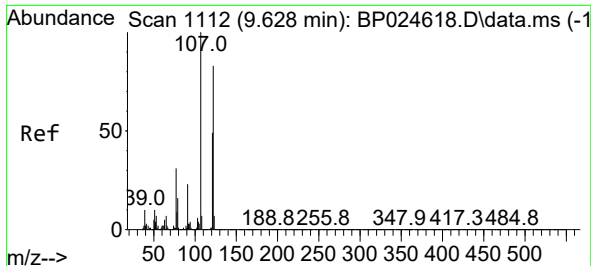
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025



#26
2-Nitrophenol
Concen: 48.384 ng
RT: 9.540 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22

Tgt Ion:139 Resp: 196971
Ion Ratio Lower Upper
139 100
109 33.4 25.9 38.9
65 46.6 37.9 56.9





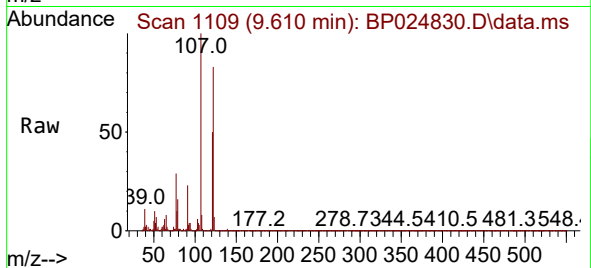
#27
2,4-Dimethylphenol
Concen: 46.783 ng
RT: 9.610 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22

Instrument :

BNA_P

ClientSampleId :

PB168198BS



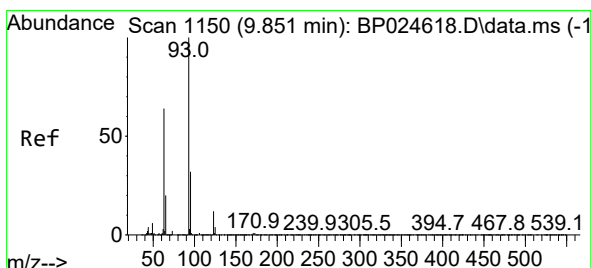
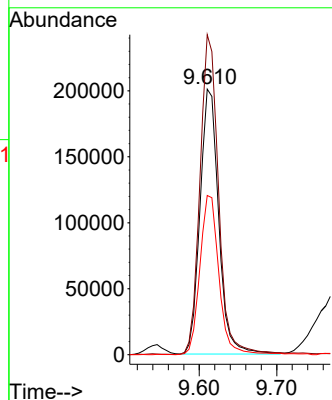
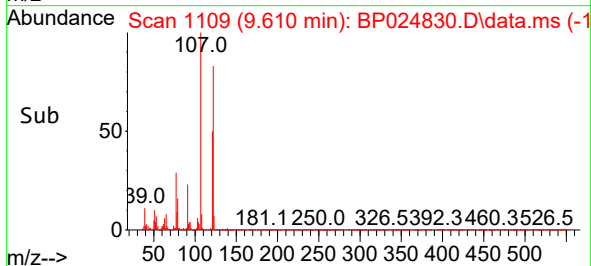
Tgt Ion:122 Resp: 33579
Ion Ratio Lower Upper
122 100
107 120.5 96.2 144.2
121 59.9 47.6 71.4

Manual Integrations

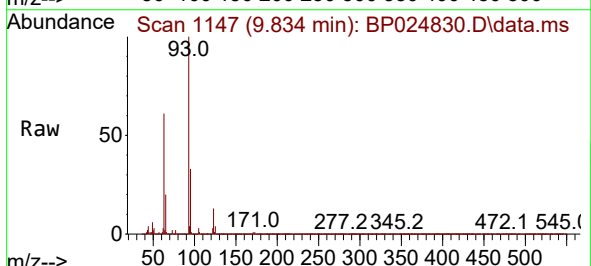
APPROVED

Reviewed By :Rahul Chavli 05/30/2025

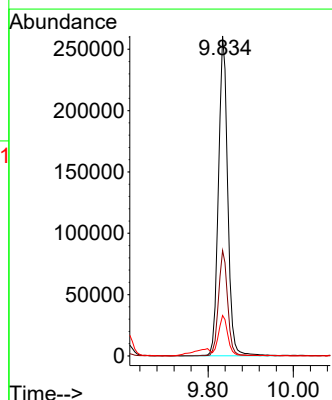
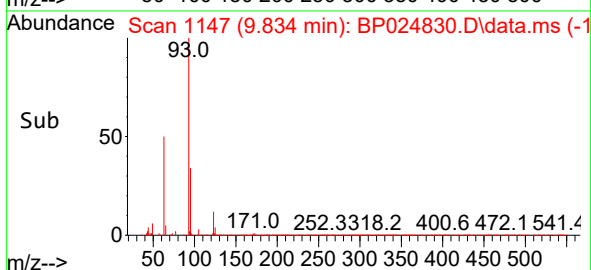
Supervised By :Jagrut Upadhyay 05/30/2025

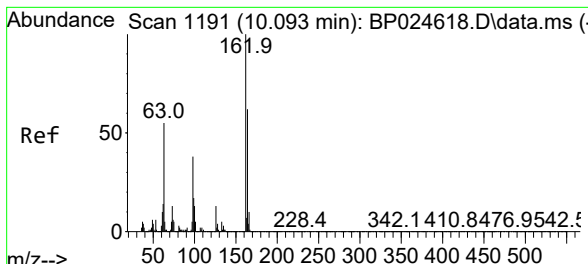


#28
bis(2-Chloroethoxy)methane
Concen: 40.214 ng
RT: 9.834 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22



Tgt Ion: 93 Resp: 393439
Ion Ratio Lower Upper
93 100
95 33.0 25.5 38.3
123 12.7 9.7 14.5





#29
2,4-Dichlorophenol
Concen: 48.745 ng
RT: 10.093 min Scan# 1191
Delta R.T. 0.012 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22

Instrument :

BNA_P

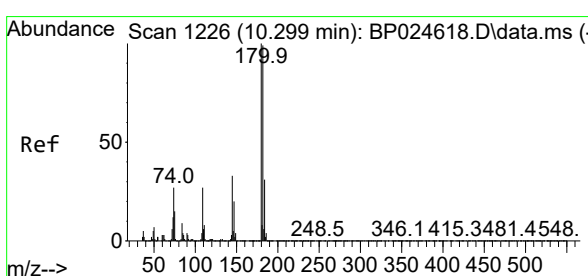
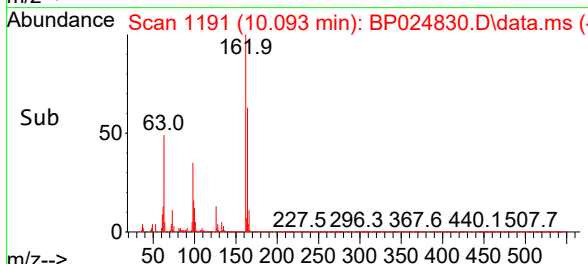
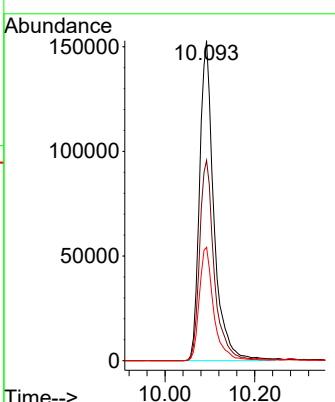
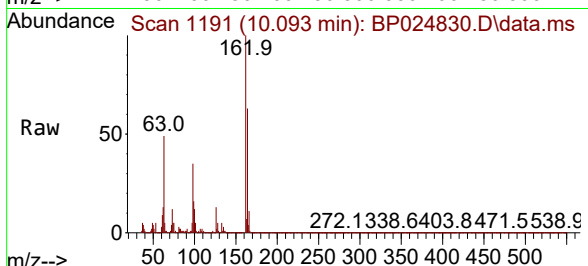
ClientSampleId :

PB168198BS

Tgt Ion:	162	Resp:	33904
Ion Ratio	Lower	Upper	
162	100		
164	62.6	42.3	82.3
98	35.5	18.4	58.4

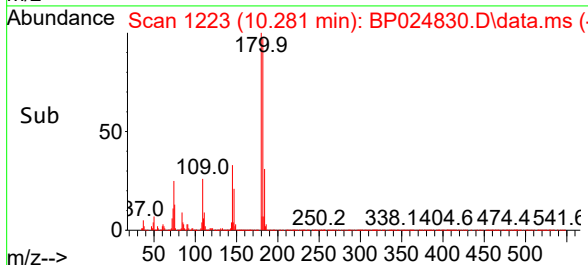
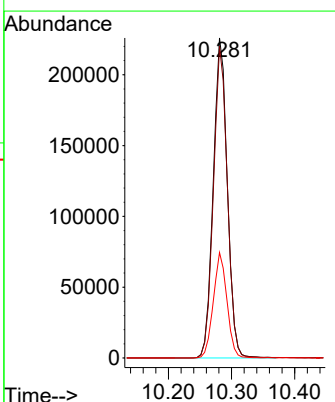
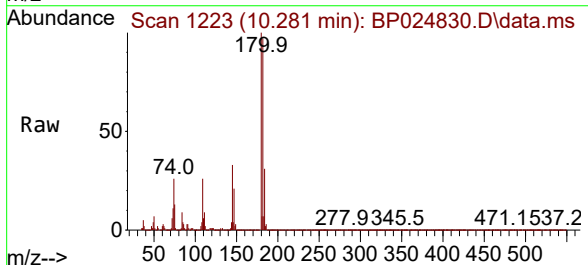
Manual Integrations
APPROVED

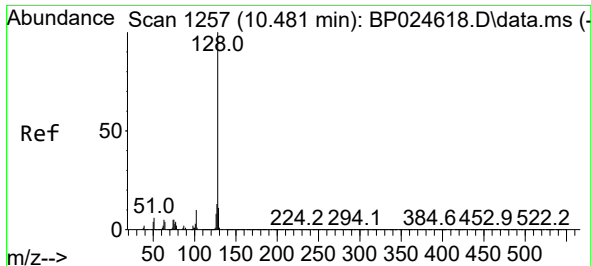
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025



#30
1,2,4-Trichlorobenzene
Concen: 44.672 ng
RT: 10.281 min Scan# 1223
Delta R.T. 0.006 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22

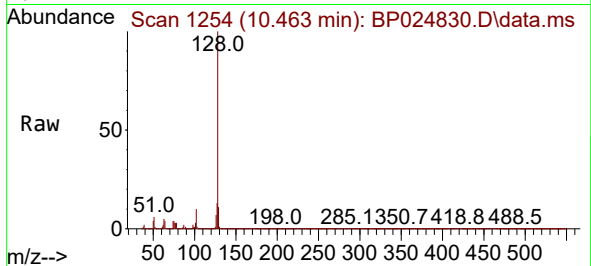
Tgt Ion:	180	Resp:	350138
Ion Ratio	Lower	Upper	
180	100		
182	97.3	79.0	118.4
145	32.9	26.6	39.8





#31
Naphthalene
Concen: 43.035 ng
RT: 10.463 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22

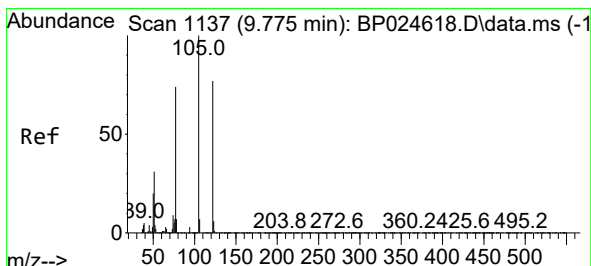
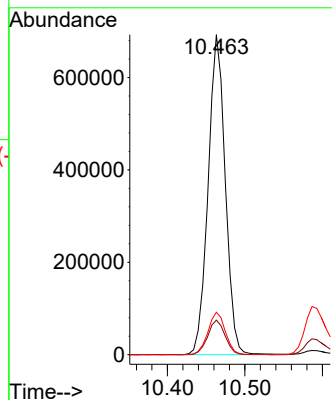
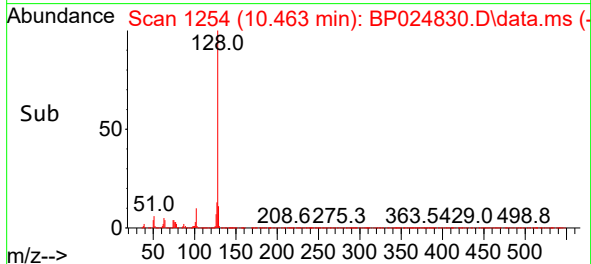
Instrument :
BNA_P
ClientSampleId :
PB168198BS



Tgt Ion:128 Resp: 1063778
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.3 10.7 16.1

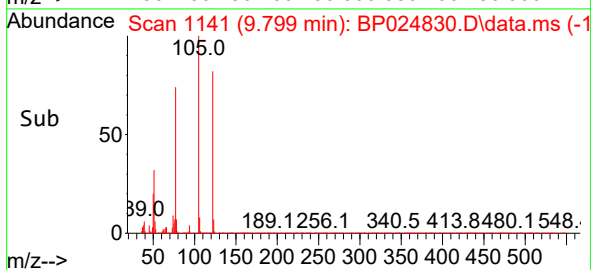
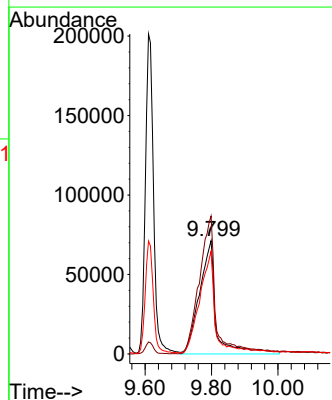
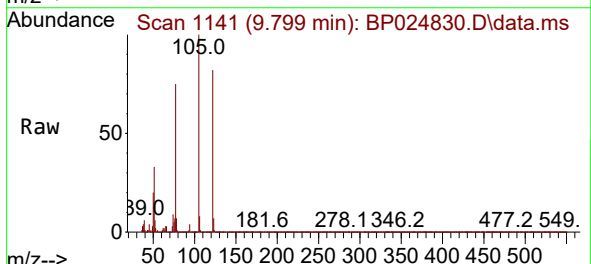
Manual Integrations
APPROVED

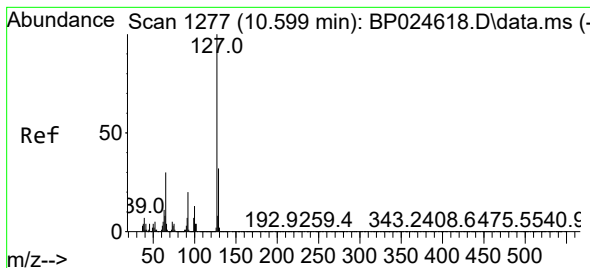
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025



#32
Benzoic acid
Concen: 49.415 ng m
RT: 9.799 min Scan# 1141
Delta R.T. 0.006 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22

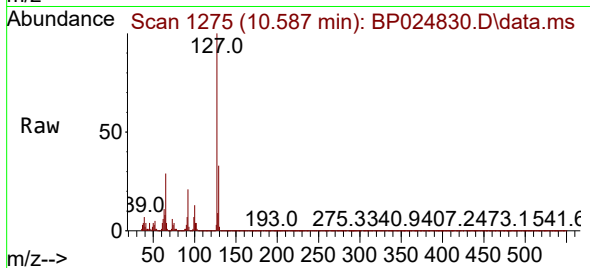
Tgt Ion:122 Resp: 248222
Ion Ratio Lower Upper
122 100
105 121.7 106.9 146.9
77 90.7 75.1 115.1





#33
4-Chloroaniline
Concen: 21.653 ng
RT: 10.587 min Scan# 1275
Delta R.T. 0.006 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22

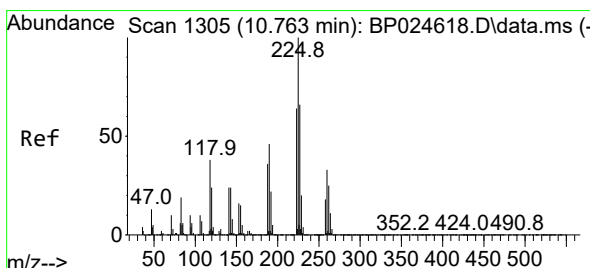
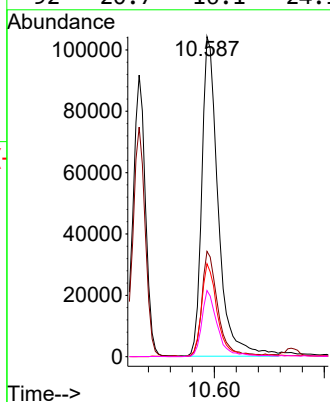
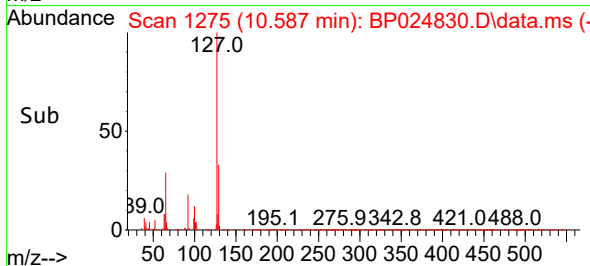
Instrument :
BNA_P
ClientSampleId :
PB168198BS



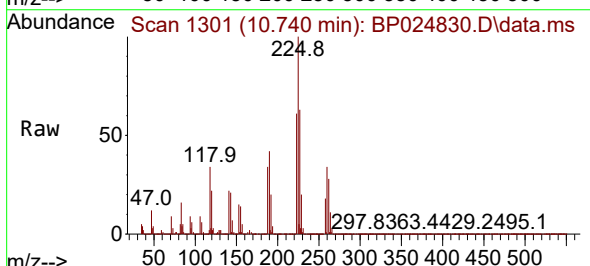
Tgt Ion:	127	Resp:	21598
Ion Ratio	Lower	Upper	
127	100		
129	32.9	25.8	38.6
65	29.1	23.9	35.9
92	20.7	16.1	24.1

Manual Integrations
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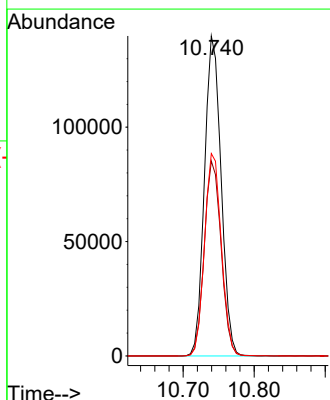
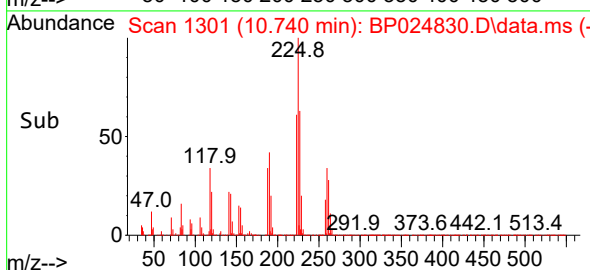
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025

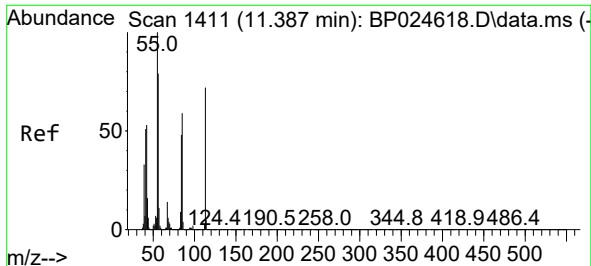


#34
Hexachlorobutadiene
Concen: 44.864 ng
RT: 10.740 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22



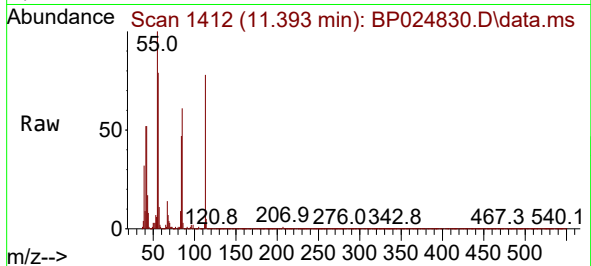
Tgt Ion:	225	Resp:	227798
Ion Ratio	Lower	Upper	
225	100		
223	60.9	51.0	76.6
227	63.2	53.1	79.7





#35
Caprolactam
Concen: 45.758 ng
RT: 11.393 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22

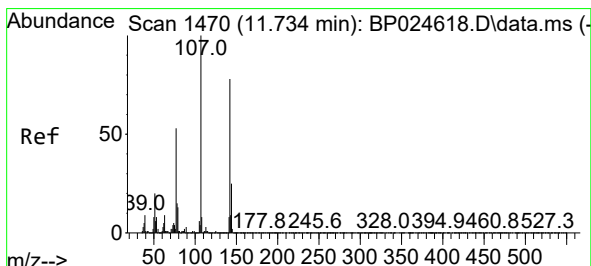
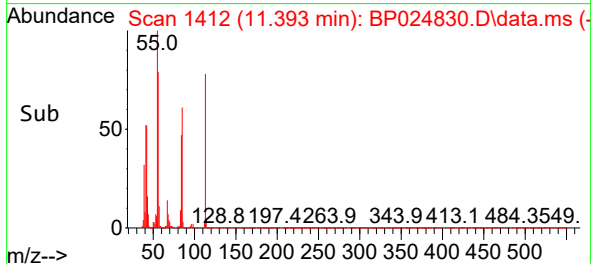
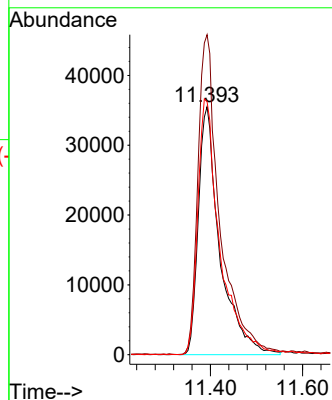
Instrument :
BNA_P
ClientSampleId :
PB168198BS



Tgt Ion:113 Resp: 11515
Ion Ratio Lower Upper
113 100
55 129.0 119.0 159.0
56 102.0 90.3 130.3

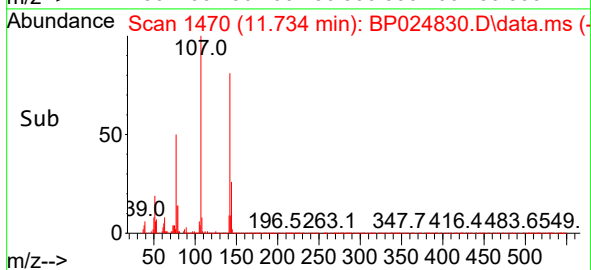
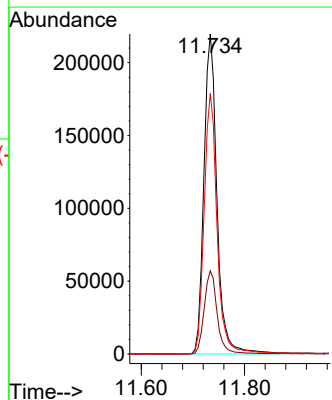
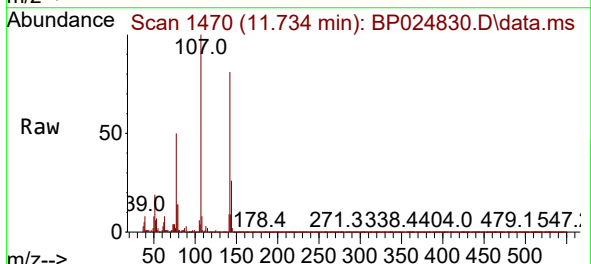
Manual Integrations
APPROVED

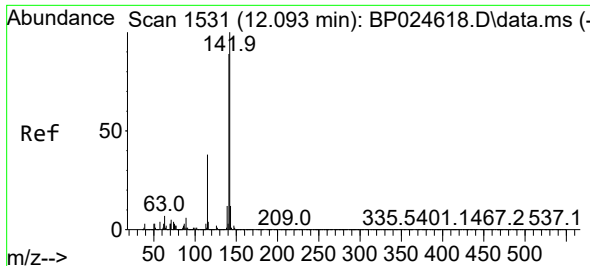
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025



#36
4-Chloro-3-methylphenol
Concen: 45.358 ng
RT: 11.734 min Scan# 1470
Delta R.T. 0.006 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22

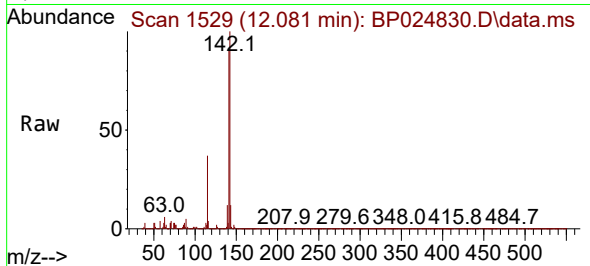
Tgt Ion:107 Resp: 384736
Ion Ratio Lower Upper
107 100
144 26.0 20.1 30.1
142 81.4 62.1 93.1





#37
2-Methylnaphthalene
Concen: 42.866 ng
RT: 12.081 min Scan# 1529
Delta R.T. 0.006 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22

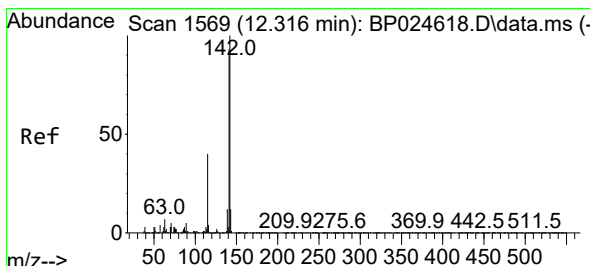
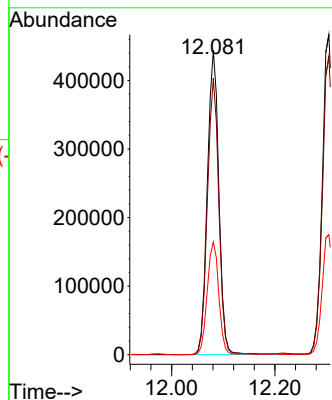
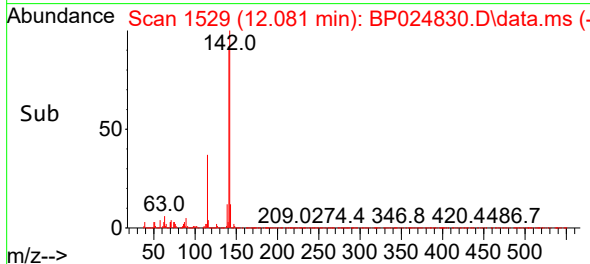
Instrument :
BNA_P
ClientSampleId :
PB168198BS



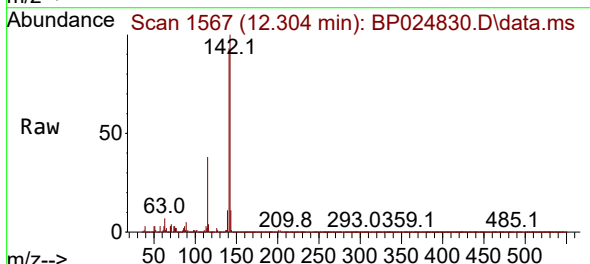
Tgt Ion:142 Resp: 68610
Ion Ratio Lower Upper
142 100
141 90.8 71.2 106.8
115 37.1 30.6 46.0

Manual Integrations
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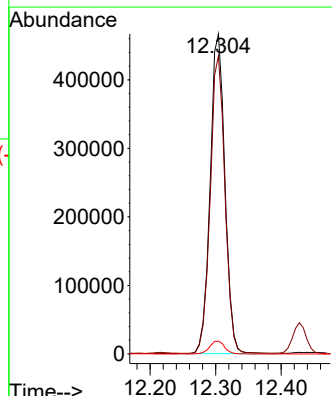
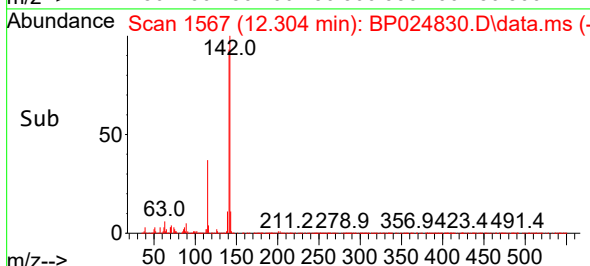
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025

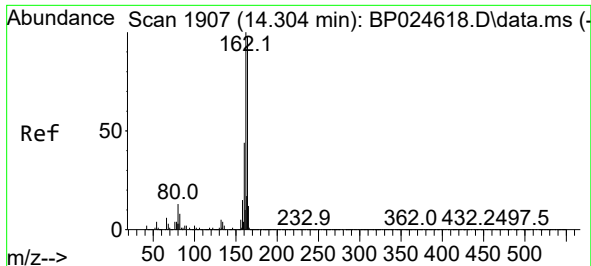


#38
1-Methylnaphthalene
Concen: 42.602 ng
RT: 12.304 min Scan# 1567
Delta R.T. 0.012 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22



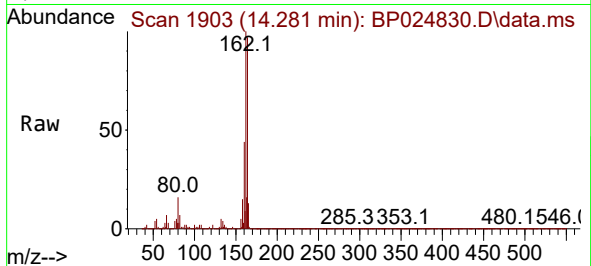
Tgt Ion:142 Resp: 729592
Ion Ratio Lower Upper
142 100
141 93.2 74.7 112.1
116 4.0 3.4 5.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.281 min Scan# 1903
Delta R.T. 0.006 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22

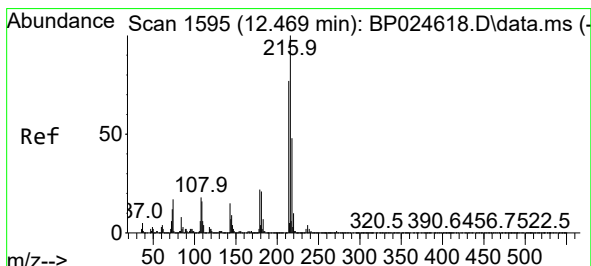
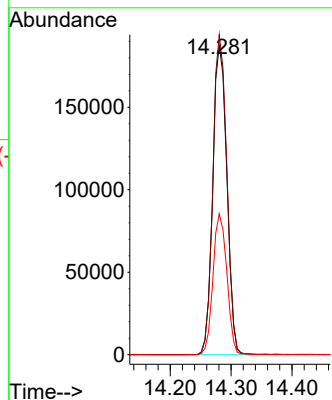
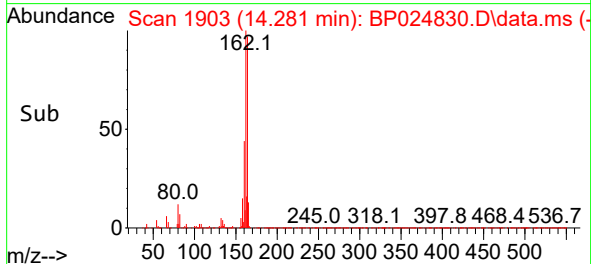
Instrument :
BNA_P
ClientSampleId :
PB168198BS



Tgt Ion:164 Resp: 30077
Ion Ratio Lower Upper
164 100
162 103.3 81.8 122.6
160 45.5 36.3 54.5

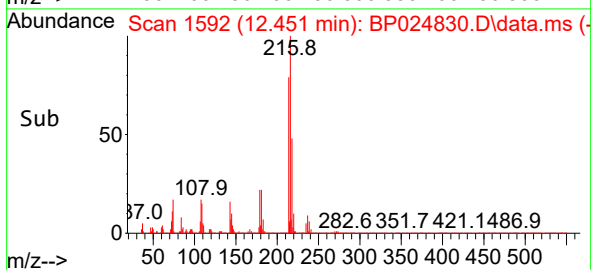
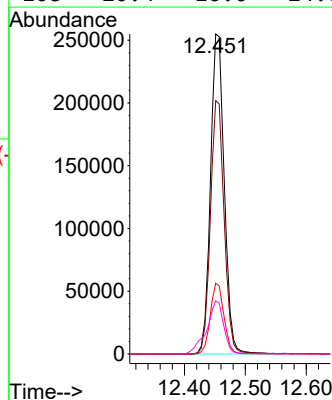
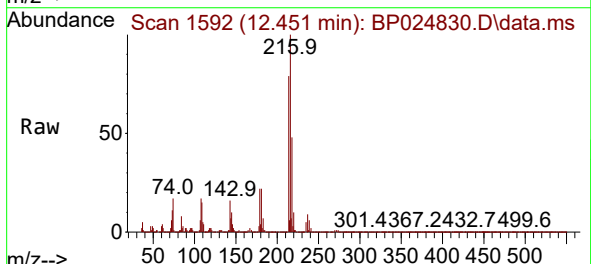
Manual Integrations
APPROVED

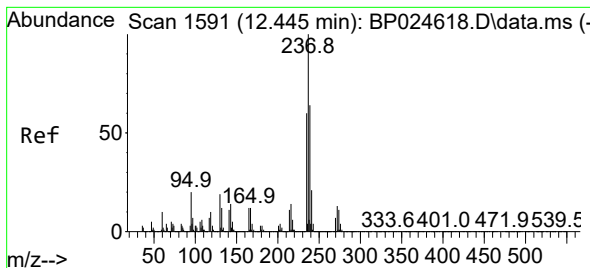
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.859 ng
RT: 12.451 min Scan# 1592
Delta R.T. 0.006 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22

Tgt Ion:216 Resp: 400534
Ion Ratio Lower Upper
216 100
214 79.2 62.3 93.5
179 21.9 17.7 26.5
108 20.4 16.0 24.0





#41

Hexachlorocyclopentadiene

Concen: 104.322 ng

RT: 12.428 min Scan# 11

Delta R.T. 0.006 min

Lab File: BP024830.D

Acq: 29 May 2025 15:22

Instrument :

BNA_P

ClientSampleId :

PB168198BS

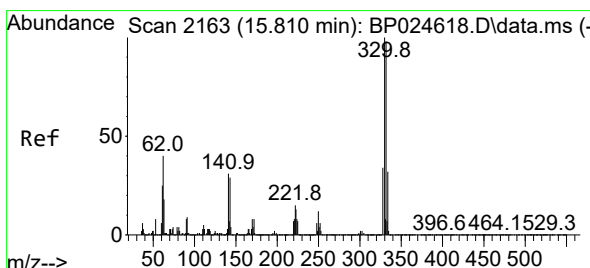
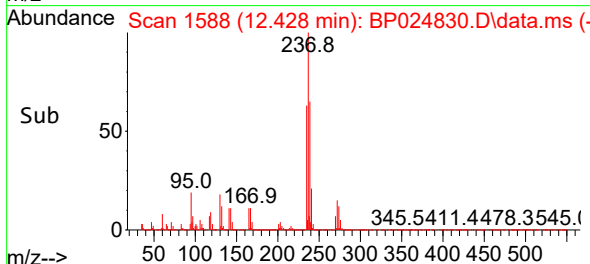
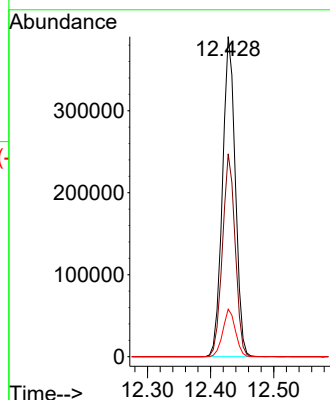
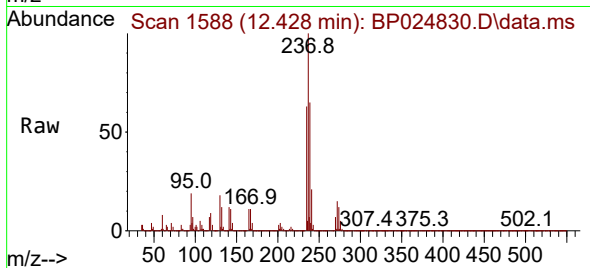
Tgt Ion: 237	Resp: 55249
Ion Ratio	Lower Upper
237 100	
235 63.4	39.9 79.9
272 14.9	0.0 33.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/30/2025

Supervised By :Jagrut Upadhyay 05/30/2025



#42

2,4,6-Tribromophenol

Concen: 153.535 ng

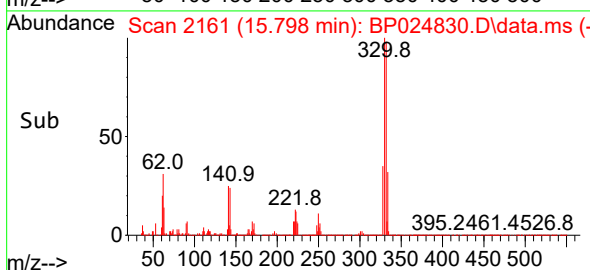
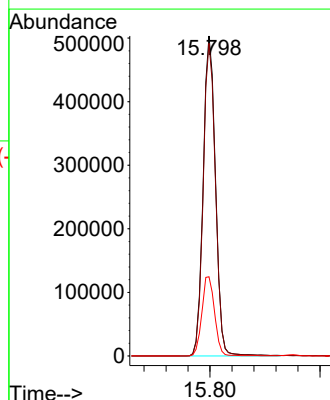
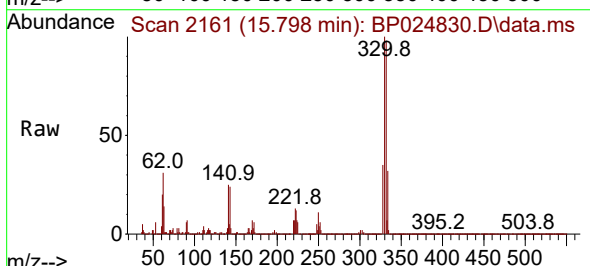
RT: 15.798 min Scan# 2161

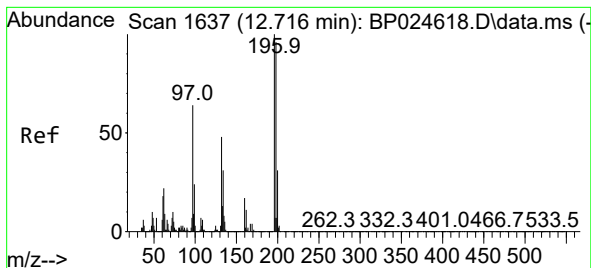
Delta R.T. 0.012 min

Lab File: BP024830.D

Acq: 29 May 2025 15:22

Tgt Ion: 330	Resp: 782866
Ion Ratio	Lower Upper
330 100	
332 97.4	78.2 117.4
141 25.7	24.3 36.5





#43

2,4,6-Trichlorophenol

Concen: 50.725 ng

RT: 12.710 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP024830.D

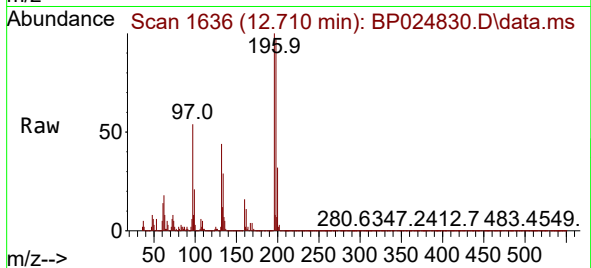
Acq: 29 May 2025 15:22

Instrument :

BNA_P

ClientSampleId :

PB168198BS



Tgt Ion:196 Resp: 28695

Ion Ratio Lower Upper

196 100

198 96.7 76.9 115.3

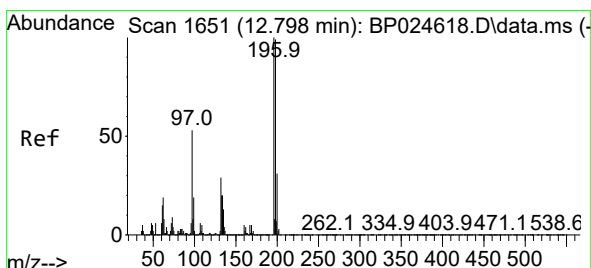
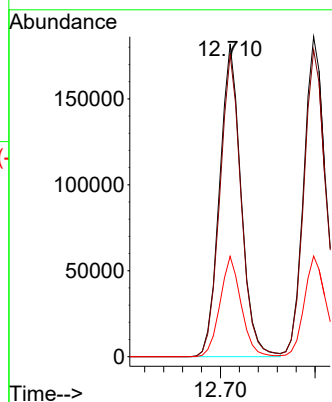
200 32.1 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/30/2025

Supervised By :Jagrut Upadhyay 05/30/2025



#44

2,4,5-Trichlorophenol

Concen: 50.580 ng

RT: 12.798 min Scan# 1651

Delta R.T. 0.006 min

Lab File: BP024830.D

Acq: 29 May 2025 15:22

Tgt Ion:196 Resp: 318507

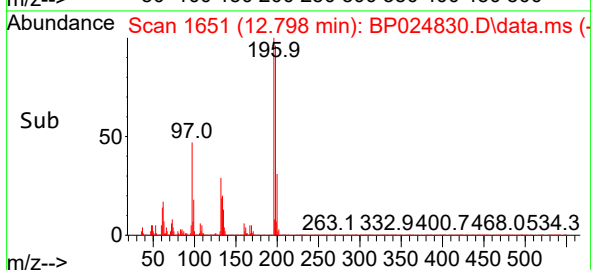
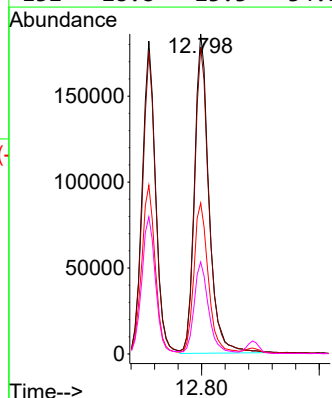
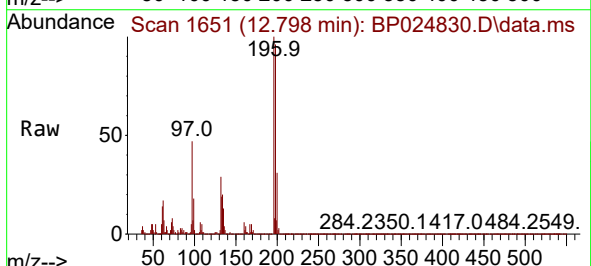
Ion Ratio Lower Upper

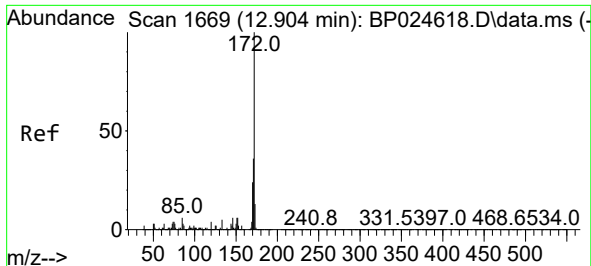
196 100

198 95.9 79.2 118.8

97 47.2 42.3 63.5

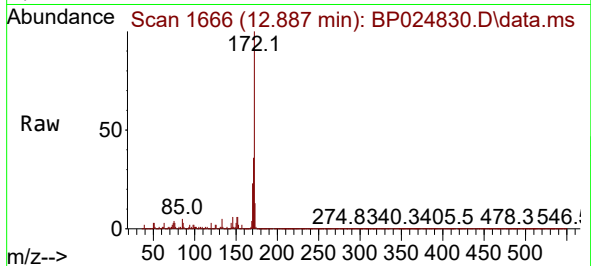
132 28.8 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 81.088 ng
RT: 12.887 min Scan# 1666
Delta R.T. 0.006 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22

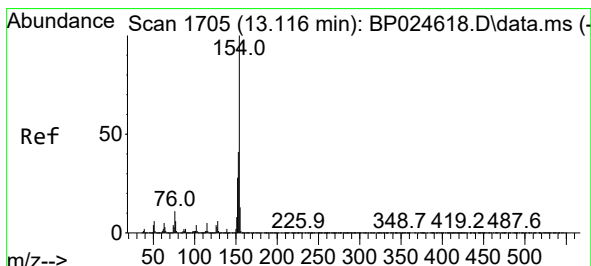
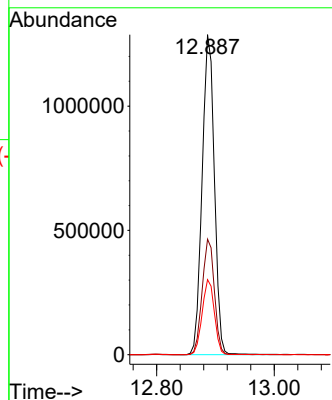
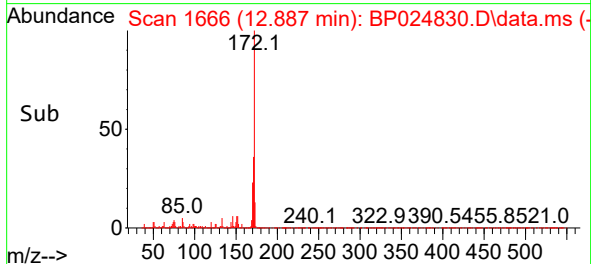
Instrument :
BNA_P
ClientSampleId :
PB168198BS



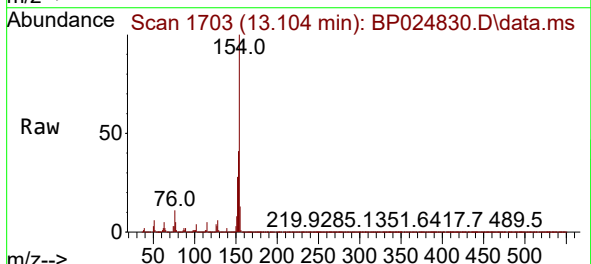
Tgt Ion:172 Resp: 186156
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 23.4 18.8 28.2

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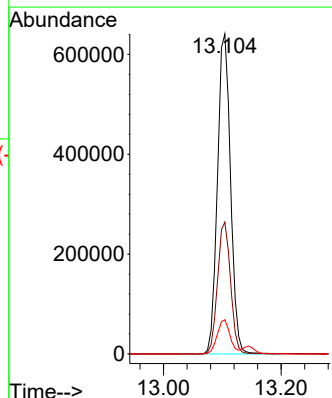
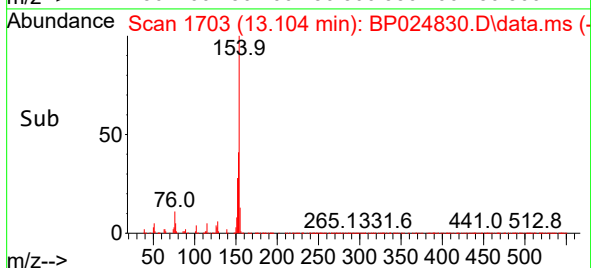
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025

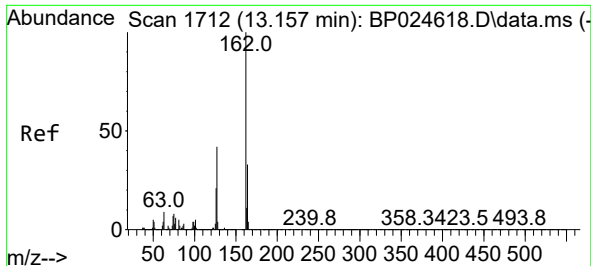


#46
1,1'-Biphenyl
Concen: 44.571 ng
RT: 13.104 min Scan# 1703
Delta R.T. 0.006 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22



Tgt Ion:154 Resp: 990837
Ion Ratio Lower Upper
154 100
153 41.2 21.0 61.0
76 10.7 0.0 31.5





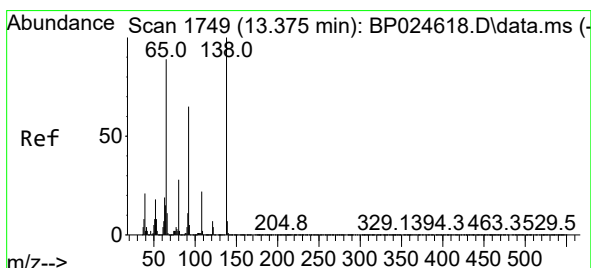
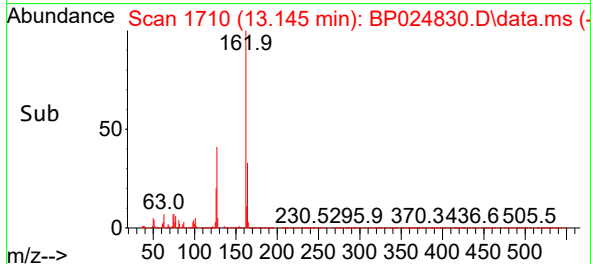
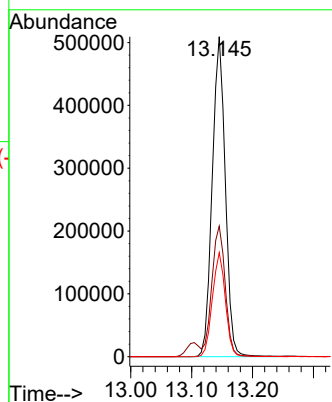
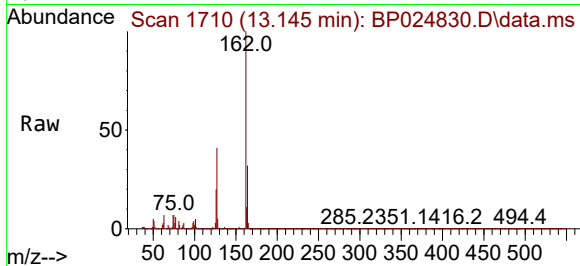
#47
2-Chloronaphthalene
Concen: 44.794 ng
RT: 13.145 min Scan# 1712
Delta R.T. 0.006 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22

Instrument :
BNA_P
ClientSampleId :
PB168198BS

Tgt Ion:162 Resp: 75925
Ion Ratio Lower Upper
162 100
127 40.8 33.8 50.6
164 32.5 26.0 39.0

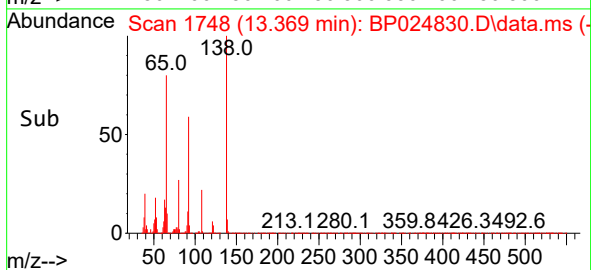
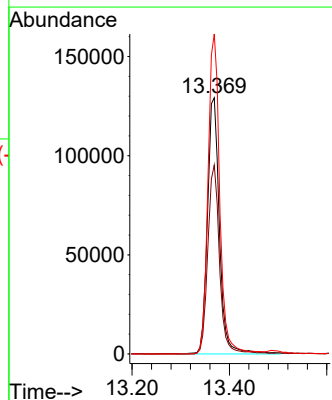
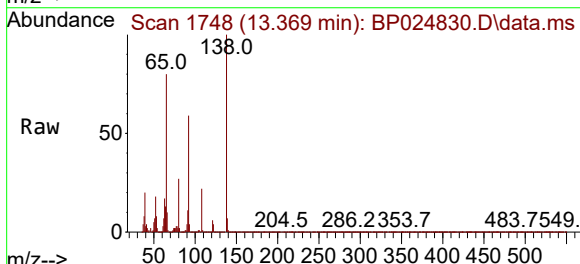
Manual Integrations
APPROVED

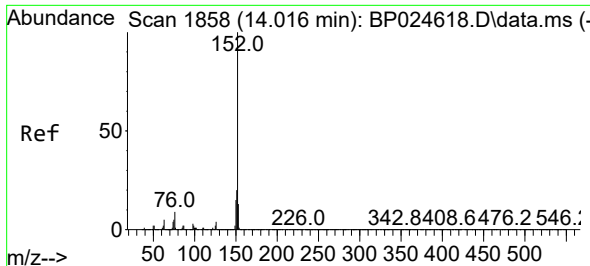
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025



#48
2-Nitroaniline
Concen: 43.759 ng
RT: 13.369 min Scan# 1748
Delta R.T. 0.012 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22

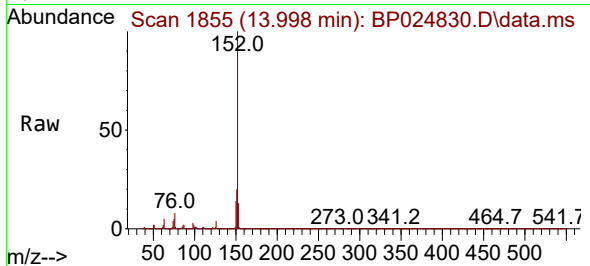
Tgt Ion: 65 Resp: 219592
Ion Ratio Lower Upper
65 100
92 73.8 58.7 88.1
138 124.9 90.2 135.2





#49
Acenaphthylene
Concen: 44.533 ng
RT: 13.998 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22

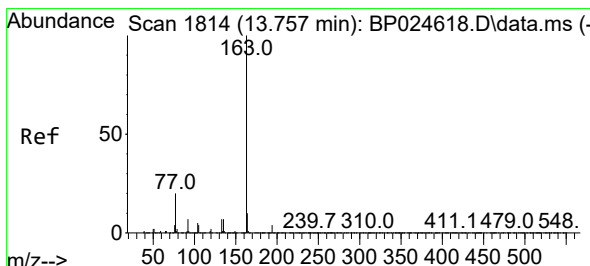
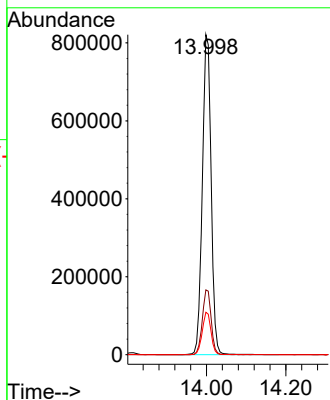
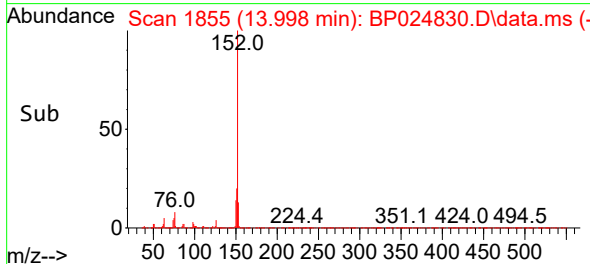
Instrument :
BNA_P
ClientSampleId :
PB168198BS



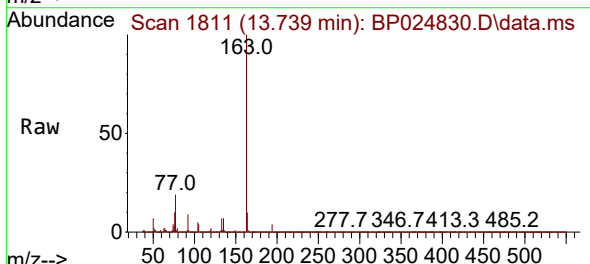
Tgt Ion:152 Resp: 126320
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 13.3 10.2 15.4

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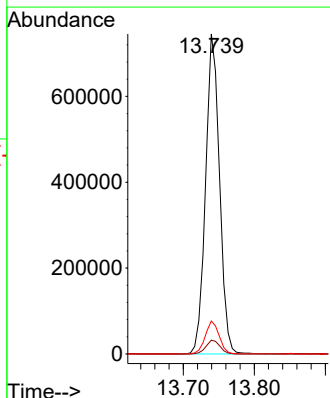
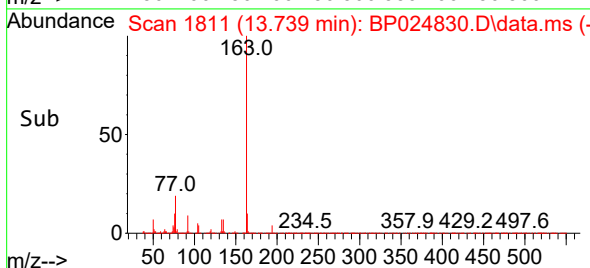
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025

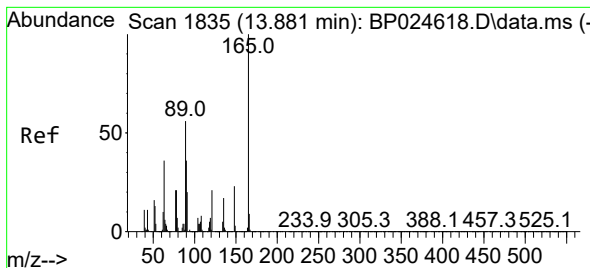


#50
Dimethylphthalate
Concen: 44.430 ng
RT: 13.739 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22



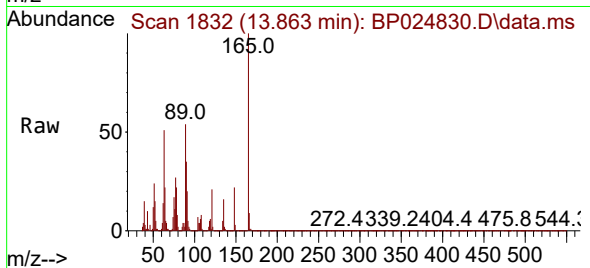
Tgt Ion:163 Resp: 1018564
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.3 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 45.923 ng
RT: 13.863 min Scan# 1835
Delta R.T. 0.006 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22

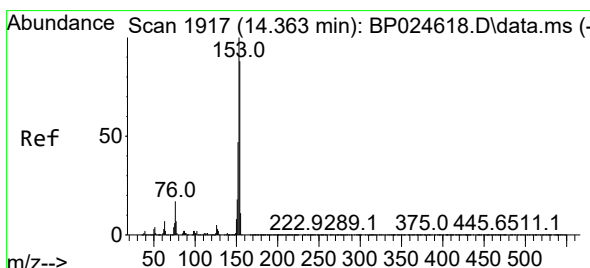
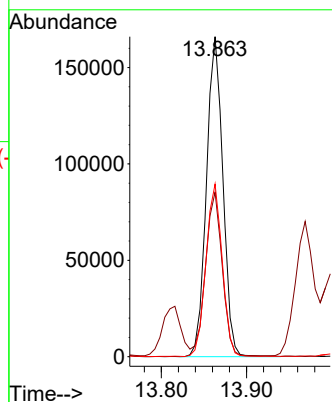
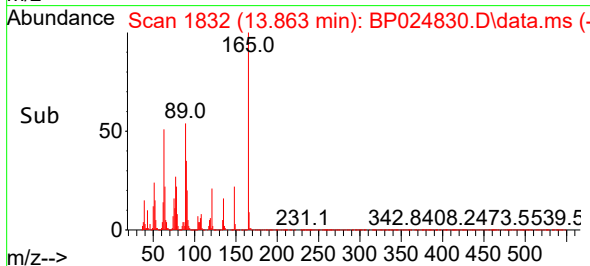
Instrument :
BNA_P
ClientSampleId :
PB168198BS



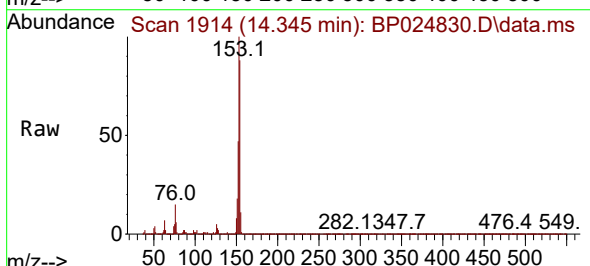
Tgt Ion:165 Resp: 22234
Ion Ratio Lower Upper
165 100
63 51.4 42.4 63.6
89 53.9 44.8 67.2

Manual Integrations
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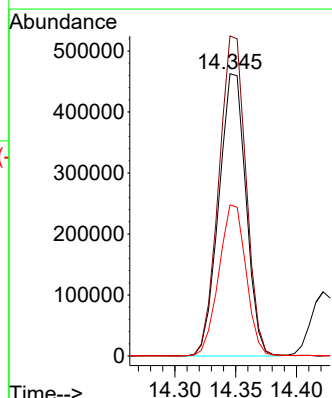
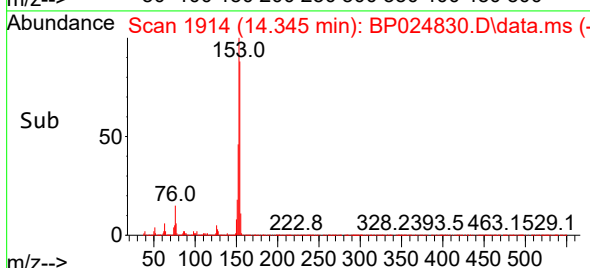
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025

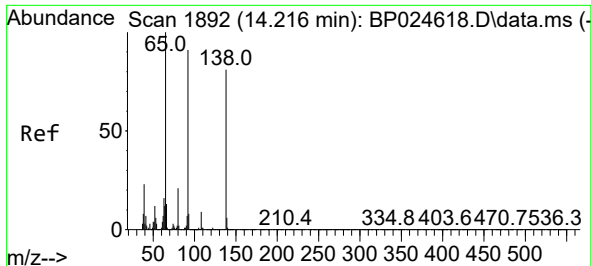


#52
Acenaphthene
Concen: 43.985 ng
RT: 14.345 min Scan# 1914
Delta R.T. 0.006 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22



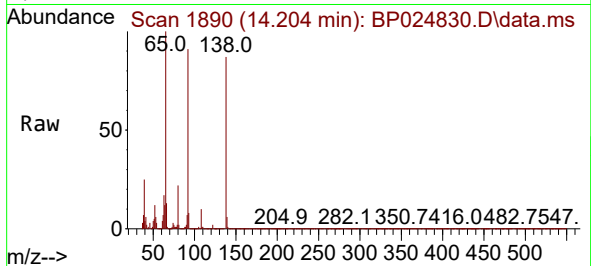
Tgt Ion:154 Resp: 717257
Ion Ratio Lower Upper
154 100
153 113.4 91.0 136.4
152 53.5 42.9 64.3





#53
3-Nitroaniline
Concen: 27.282 ng
RT: 14.204 min Scan# 1892
Delta R.T. 0.006 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22

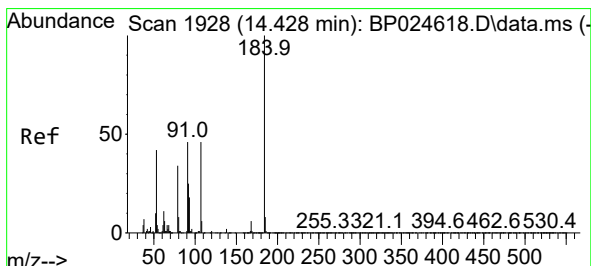
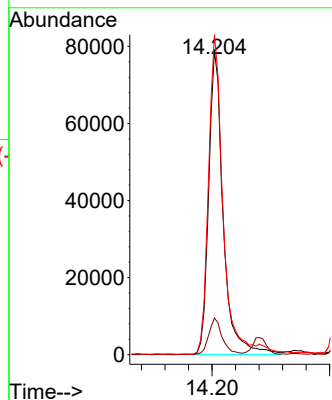
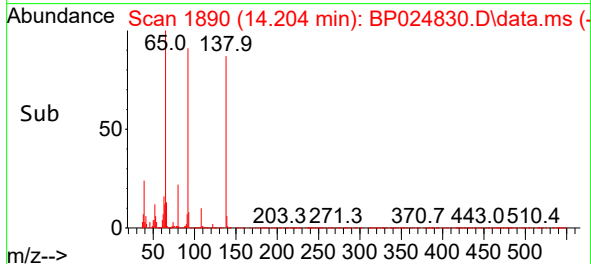
Instrument :
BNA_P
ClientSampleId :
PB168198BS



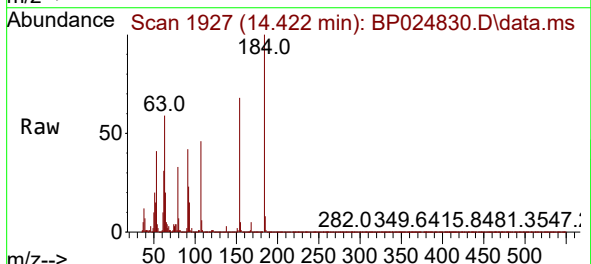
Tgt Ion:138 Resp: 134870
Ion Ratio Lower Upper
138 100
108 12.0 9.0 13.4
92 105.3 90.1 135.1

Manual Integrations
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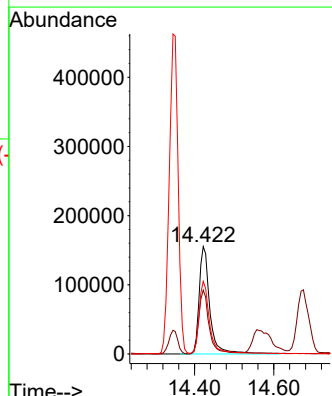
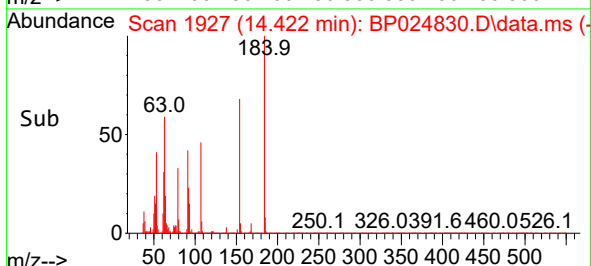
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025

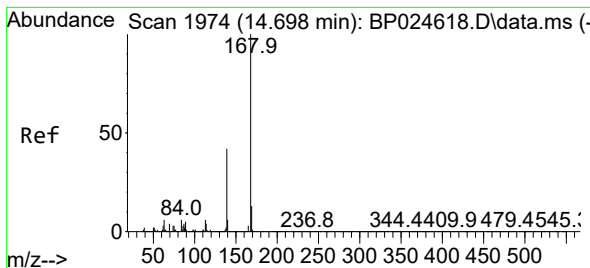


#54
2,4-Dinitrophenol
Concen: 93.799 ng
RT: 14.422 min Scan# 1927
Delta R.T. 0.006 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22



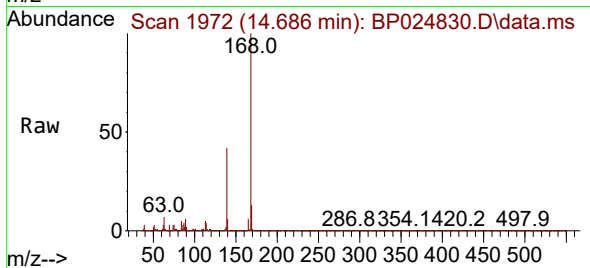
Tgt Ion:184 Resp: 290036
Ion Ratio Lower Upper
184 100
63 59.5 51.3 76.9
154 67.7 53.5 80.3





#55
Dibenzenofuran
Concen: 44.734 ng
RT: 14.686 min Scan# 1972
Delta R.T. 0.012 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22

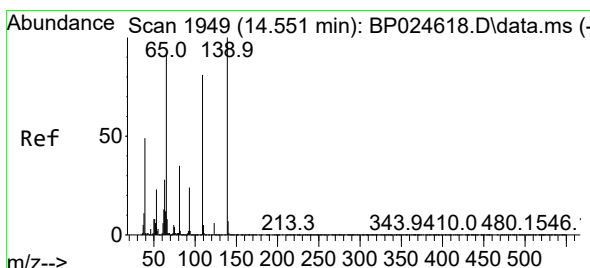
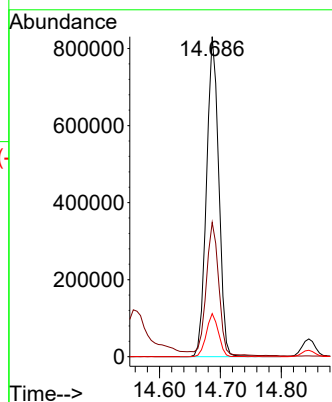
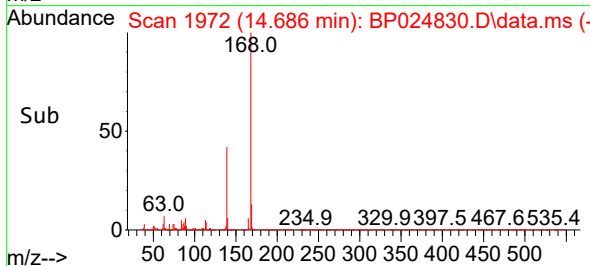
Instrument :
BNA_P
ClientSampleId :
PB168198BS



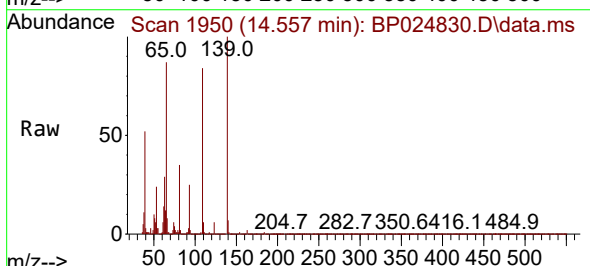
Tgt Ion:168 Resp: 1163550
Ion Ratio Lower Upper
168 100
139 41.9 34.2 51.4
169 13.4 10.8 16.2

Manual Integrations
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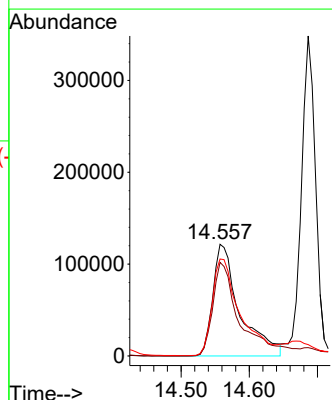
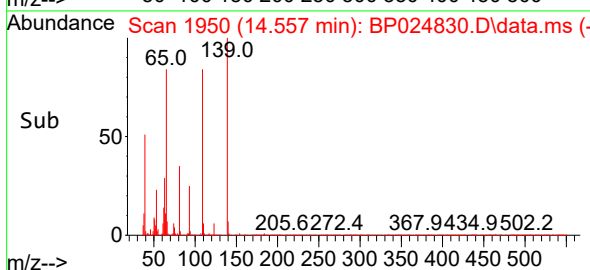
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025

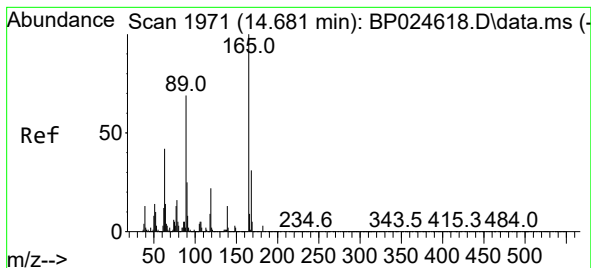


#56
4-Nitrophenol
Concen: 78.001 ng
RT: 14.557 min Scan# 1950
Delta R.T. 0.000 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22



Tgt Ion:139 Resp: 333361
Ion Ratio Lower Upper
139 100
109 83.7 61.4 101.4
65 86.8 72.2 112.2





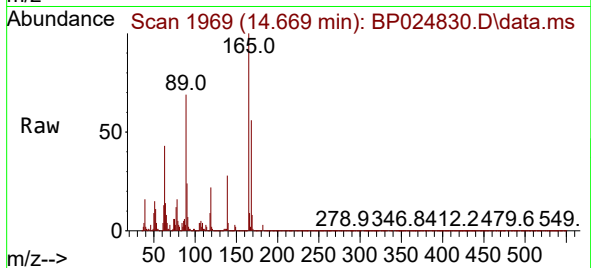
#57
2,4-Dinitrotoluene
Concen: 47.653 ng
RT: 14.669 min Scan# 1971
Delta R.T. 0.012 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22

Instrument :

BNA_P

ClientSampleId :

PB168198BS



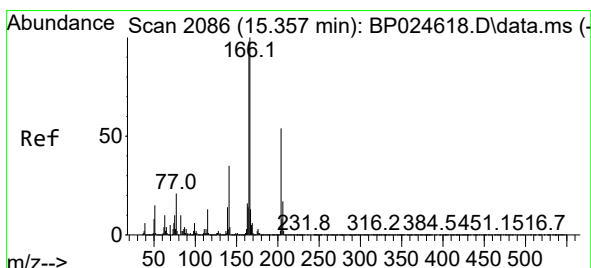
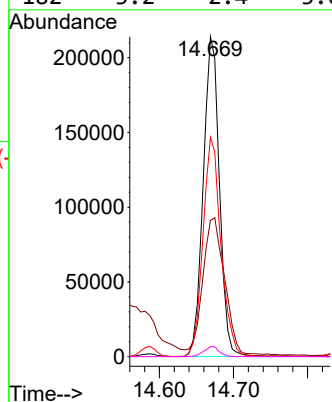
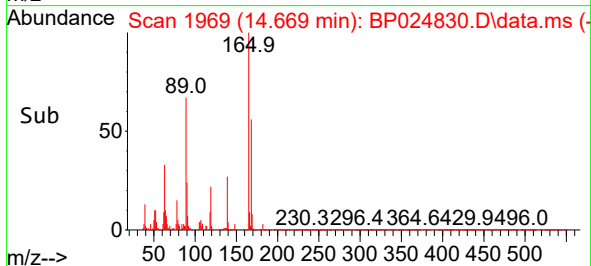
Tgt Ion:165 Resp: 325268
Ion Ratio Lower Upper
165 100
63 42.5 33.8 50.6
89 68.6 55.6 83.4
182 3.2 2.4 3.6

Manual Integrations

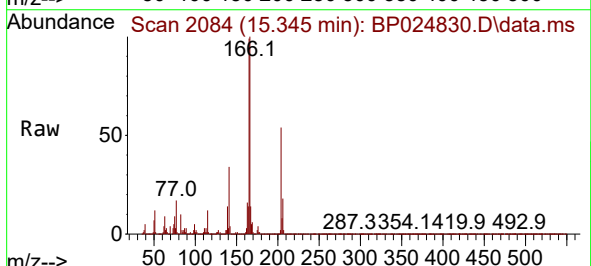
APPROVED

Reviewed By :Rahul Chavli 05/30/2025

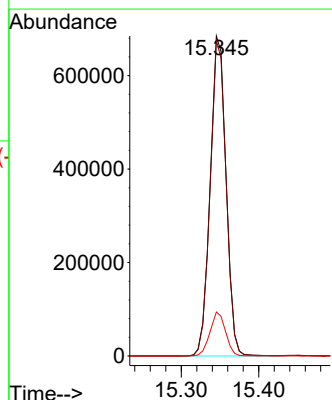
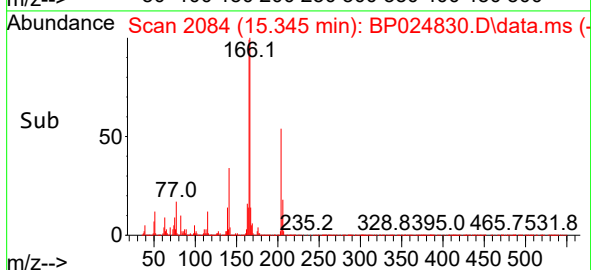
Supervised By :Jagrut Upadhyay 05/30/2025

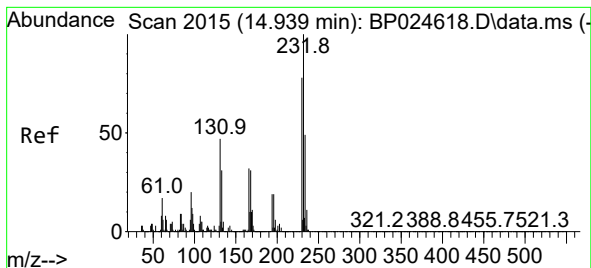


#58
Fluorene
Concen: 45.945 ng
RT: 15.345 min Scan# 2084
Delta R.T. 0.012 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22



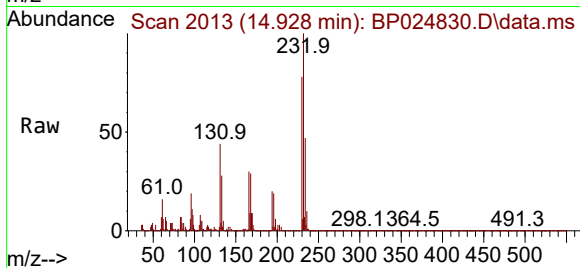
Tgt Ion:166 Resp: 974429
Ion Ratio Lower Upper
166 100
165 98.6 78.5 117.7
167 13.7 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.765 ng
RT: 14.928 min Scan# 2013
Delta R.T. 0.012 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22

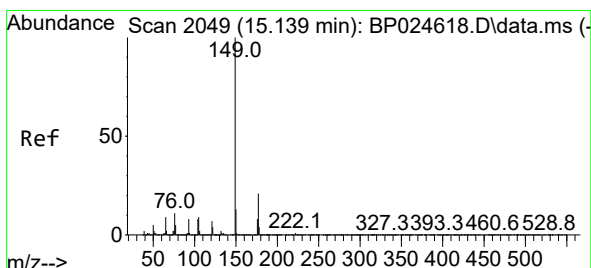
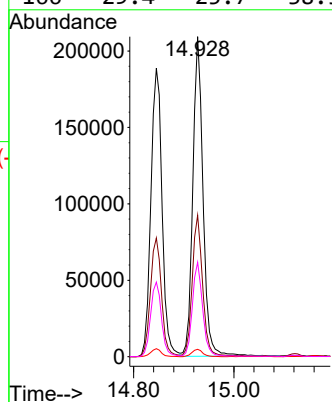
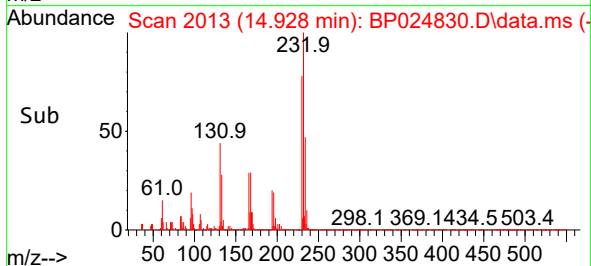
Instrument :
BNA_P
ClientSampleId :
PB168198BS



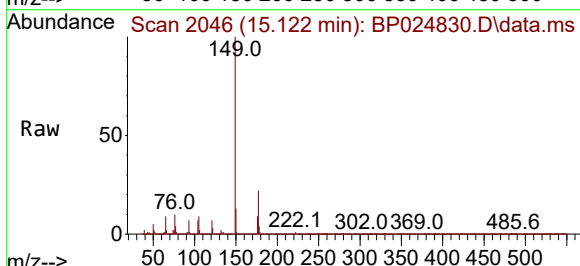
Tgt Ion:232 Resp: 29654
Ion Ratio Lower Upper
232 100
131 44.3 39.5 59.3
130 2.5 2.2 3.4
166 29.4 25.7 38.5

Manual Integrations
APPROVED

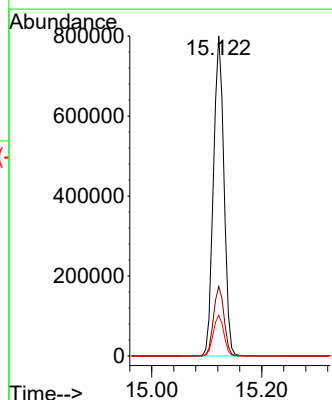
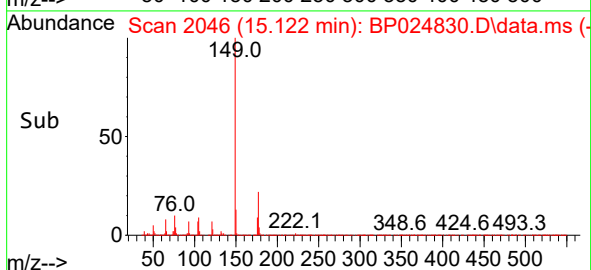
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025

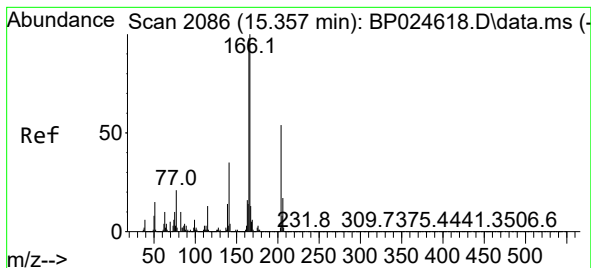


#60
Diethylphthalate
Concen: 45.798 ng
RT: 15.122 min Scan# 2046
Delta R.T. 0.012 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22



Tgt Ion:149 Resp: 1061150
Ion Ratio Lower Upper
149 100
177 21.7 16.7 25.1
150 12.7 10.2 15.2





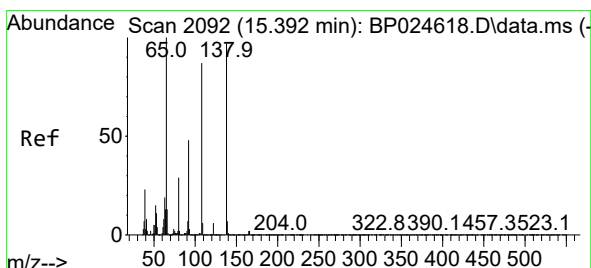
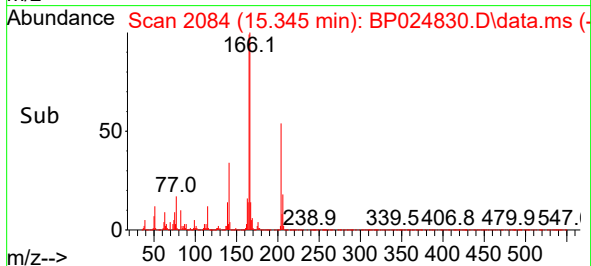
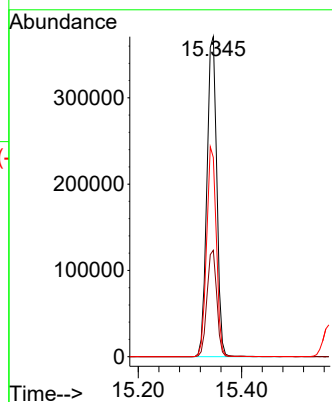
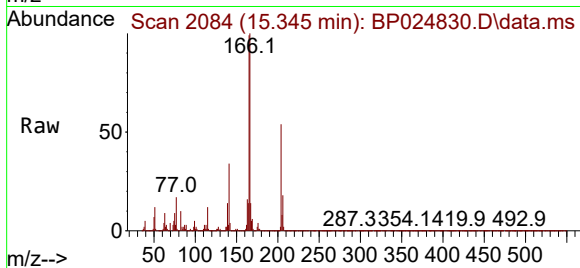
#61
4-Chlorophenyl-phenylether
Concen: 46.480 ng
RT: 15.345 min Scan# 2084
Delta R.T. 0.018 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22

Instrument :
BNA_P
ClientSampleId :
PB168198BS

Tgt Ion:204 Resp: 491610
Ion Ratio Lower Upper
204 100
206 33.2 26.0 39.0
141 62.2 52.9 79.3

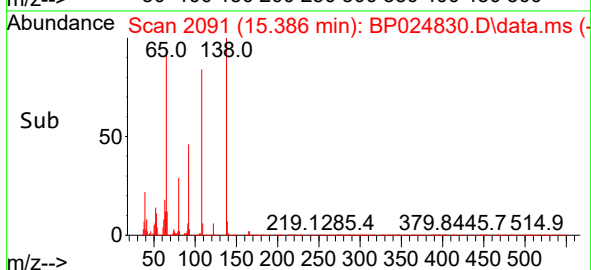
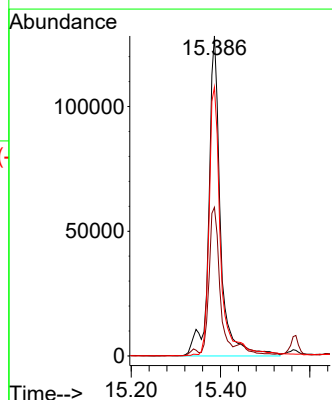
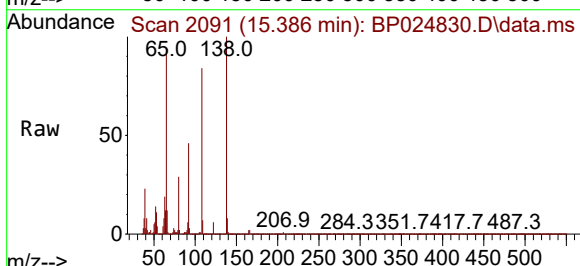
Manual Integrations
APPROVED

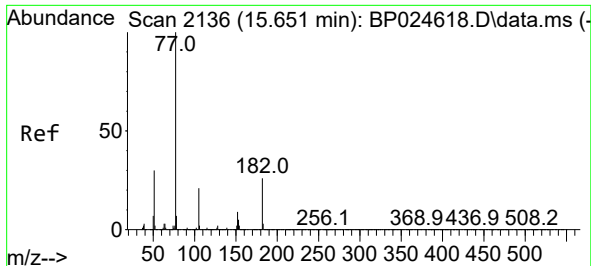
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025



#62
4-Nitroaniline
Concen: 49.205 ng m
RT: 15.386 min Scan# 2091
Delta R.T. 0.012 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22

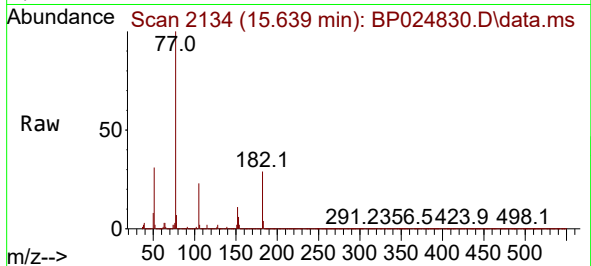
Tgt Ion:138 Resp: 234879
Ion Ratio Lower Upper
138 100
92 46.5 29.2 69.2
108 84.0 69.0 109.0





#63
Azobenzene
Concen: 41.303 ng
RT: 15.639 min Scan# 2136
Delta R.T. 0.012 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22

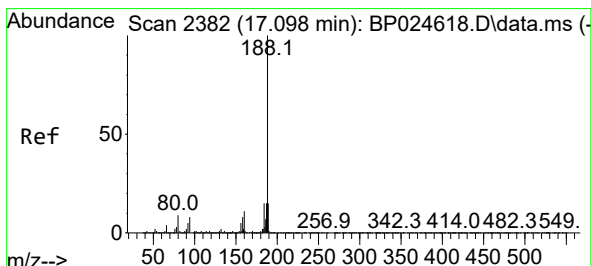
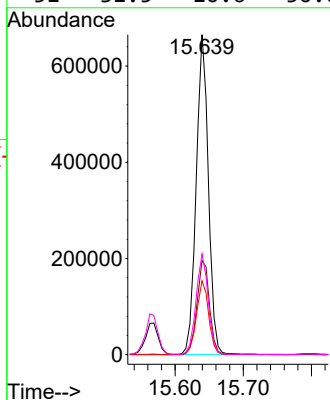
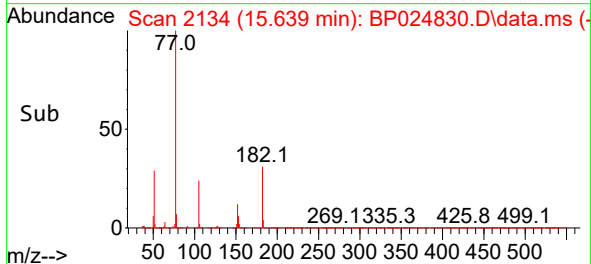
Instrument :
BNA_P
ClientSampleId :
PB168198BS



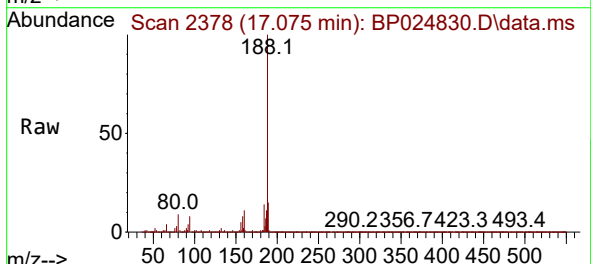
Tgt Ion: 77 Resp: 818680
Ion Ratio Lower Upper
77 100
182 29.4 5.7 45.7
105 23.1 1.3 41.3
51 31.5 10.6 50.6

Manual Integrations
APPROVED

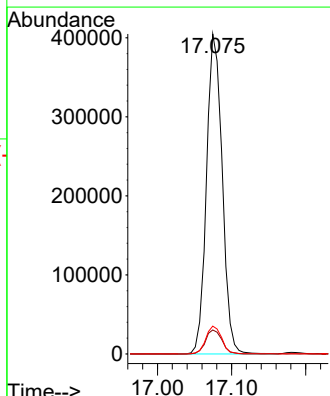
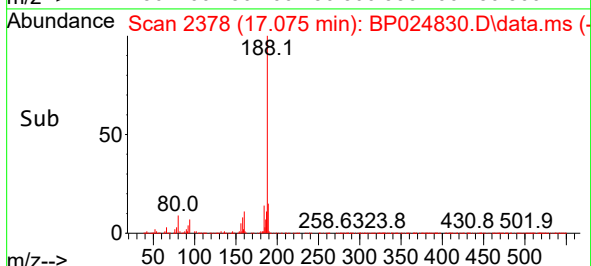
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025

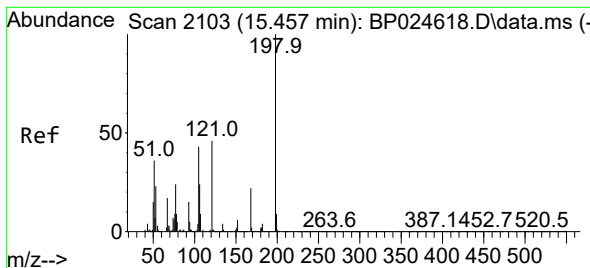


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.075 min Scan# 2378
Delta R.T. 0.012 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22



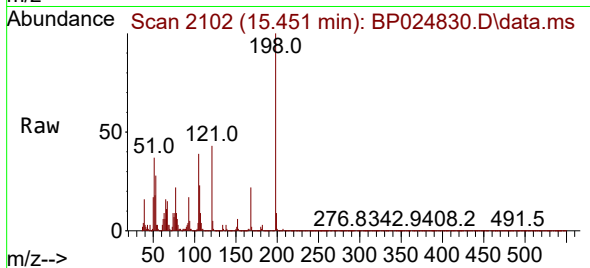
Tgt Ion:188 Resp: 596428
Ion Ratio Lower Upper
188 100
94 7.5 6.5 9.7
80 8.7 7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 49.392 ng
RT: 15.451 min Scan# 2102
Delta R.T. 0.018 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22

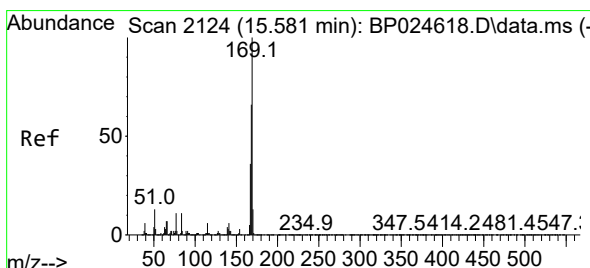
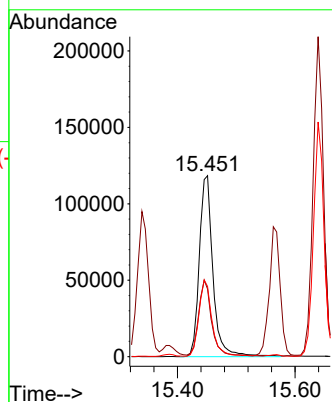
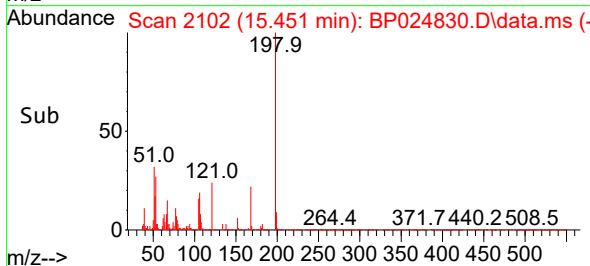
Instrument :
BNA_P
ClientSampleId :
PB168198BS



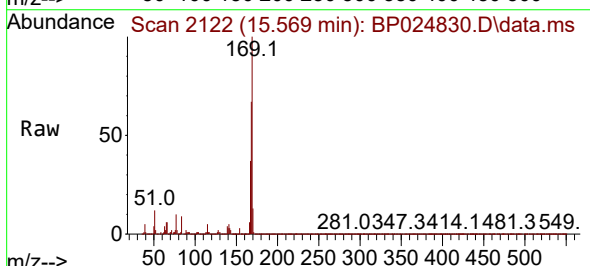
Tgt Ion:198 Resp: 190285
Ion Ratio Lower Upper
198 100
51 37.4 21.1 61.1
105 38.9 23.6 63.6

Manual Integrations
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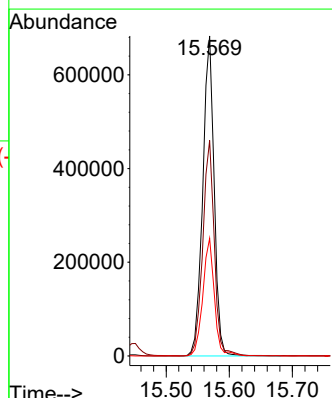
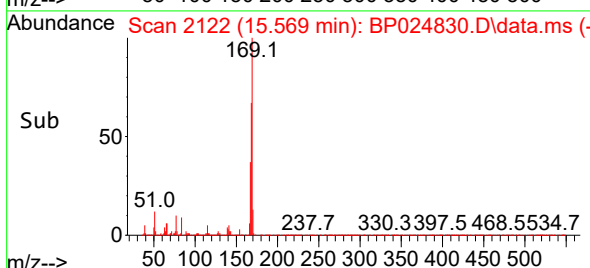
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025

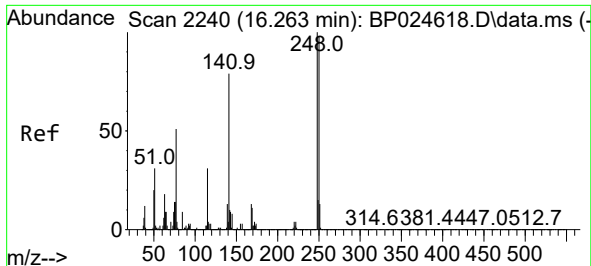


#66
n-Nitrosodiphenylamine
Concen: 46.817 ng
RT: 15.569 min Scan# 2122
Delta R.T. 0.018 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22



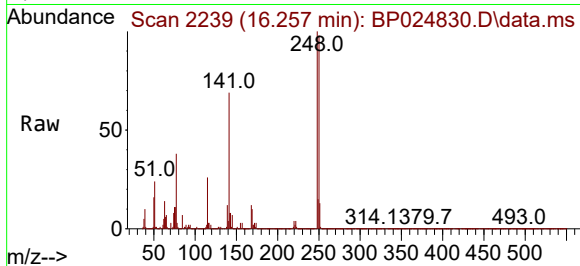
Tgt Ion:169 Resp: 857684
Ion Ratio Lower Upper
169 100
168 67.4 53.2 79.8
167 36.7 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 48.986 ng
RT: 16.257 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22

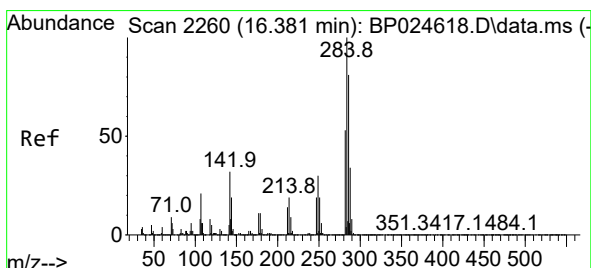
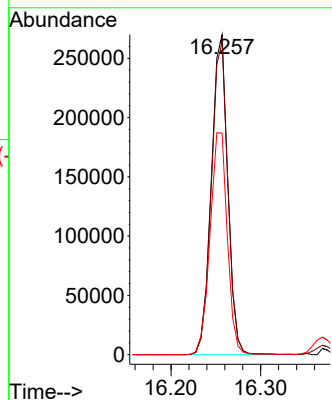
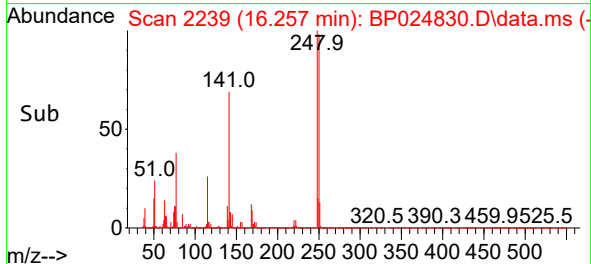
Instrument :
BNA_P
ClientSampleId :
PB168198BS



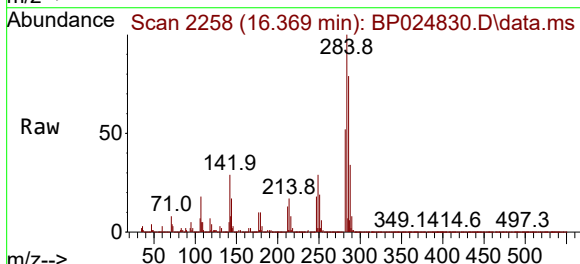
Tgt Ion:248 Resp: 344272
Ion Ratio Lower Upper
248 100
250 97.9 78.2 117.4
141 69.3 63.0 94.6

Manual Integrations
APPROVED

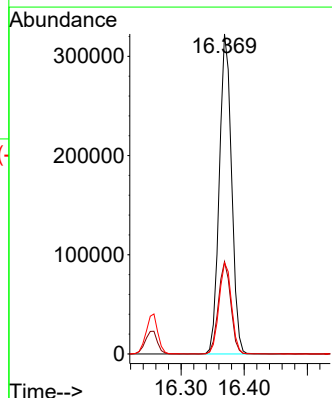
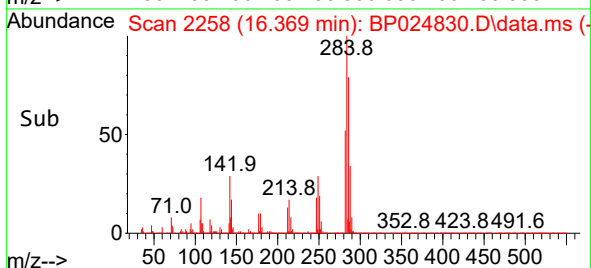
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025

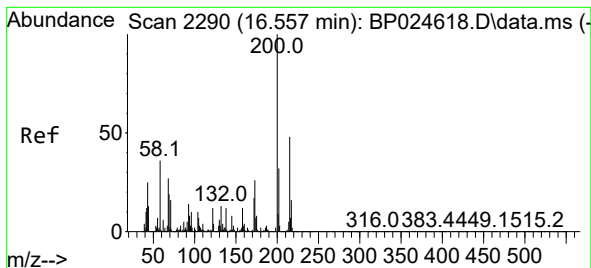


#68
Hexachlorobenzene
Concen: 48.726 ng
RT: 16.369 min Scan# 2258
Delta R.T. 0.012 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22



Tgt Ion:284 Resp: 435145
Ion Ratio Lower Upper
284 100
142 28.8 25.9 38.9
249 28.5 24.1 36.1





#69

Atrazine

Concen: 50.079 ng

RT: 16.539 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024830.D

Acq: 29 May 2025 15:22

Instrument :

BNA_P

ClientSampleId :

PB168198BS

Tgt Ion:200 Resp: 33622

Ion Ratio Lower Upper

200 100

173 26.9 5.9 45.9

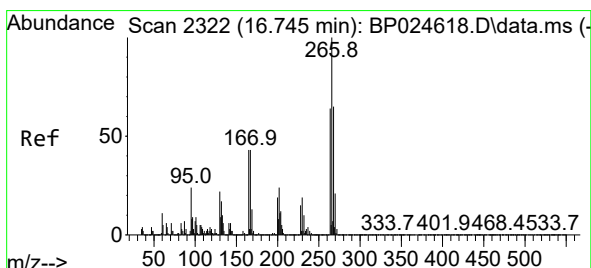
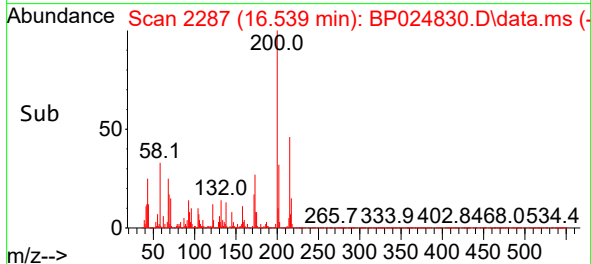
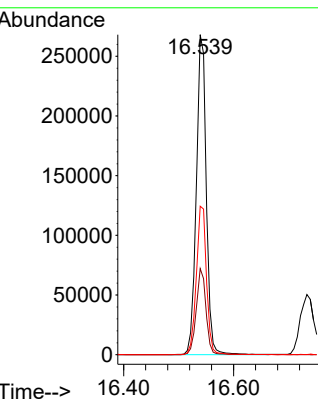
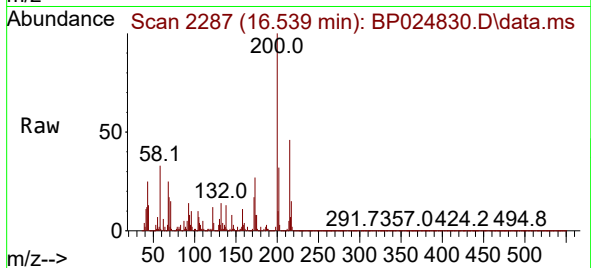
215 46.4 28.3 68.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/30/2025

Supervised By :Jagrut Upadhyay 05/30/2025



#70

Pentachlorophenol

Concen: 113.032 ng

RT: 16.733 min Scan# 2320

Delta R.T. 0.012 min

Lab File: BP024830.D

Acq: 29 May 2025 15:22

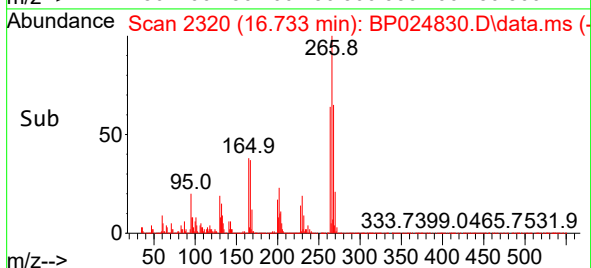
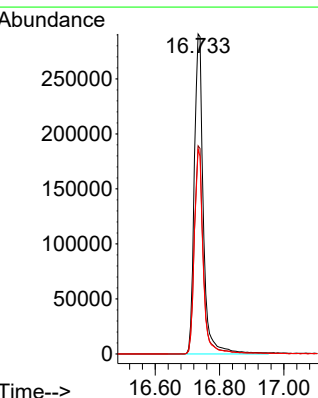
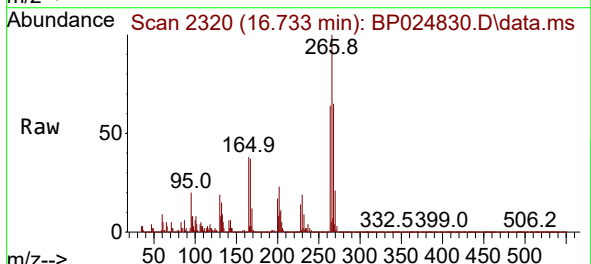
Tgt Ion:266 Resp: 566632

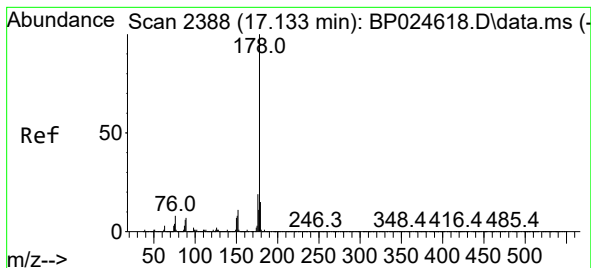
Ion Ratio Lower Upper

266 100

268 65.1 52.2 78.4

264 63.9 51.1 76.7





#71

Phenanthrene

Concen: 45.426 ng

RT: 17.122 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024830.D

Acq: 29 May 2025 15:22

Instrument :

BNA_P

ClientSampleId :

PB168198BS

Tgt Ion:178 Resp: 1506169

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

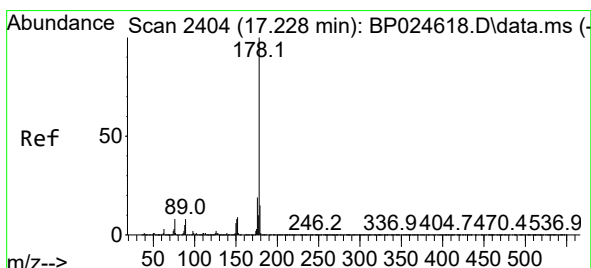
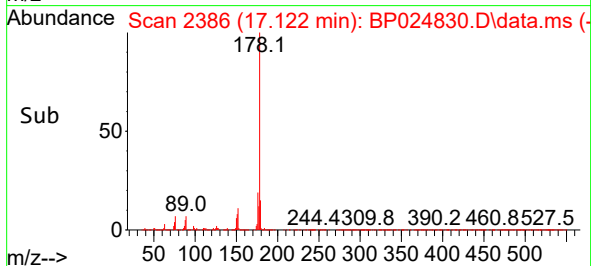
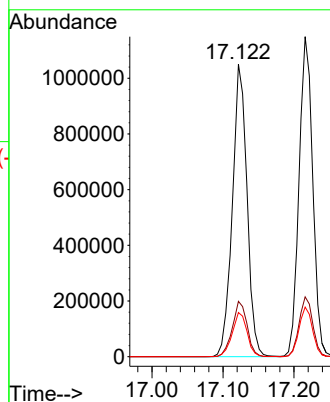
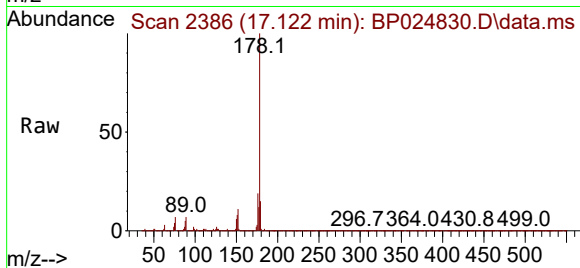
179 15.1 12.2 18.4

Manual Integrations

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Reviewed By :Rahul Chavli 05/30/2025

Supervised By :Jagrut Upadhyay 05/30/2025



#72

Anthracene

Concen: 46.208 ng

RT: 17.216 min Scan# 2402

Delta R.T. 0.012 min

Lab File: BP024830.D

Acq: 29 May 2025 15:22

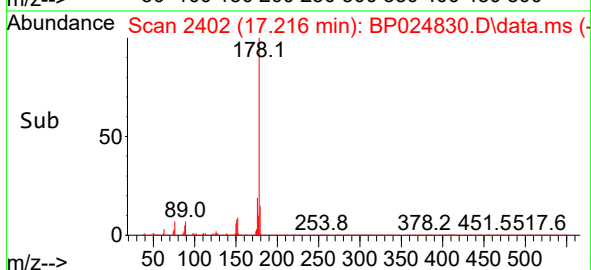
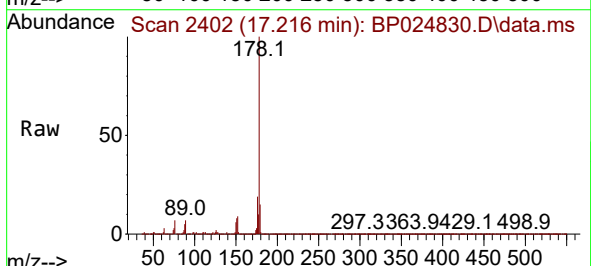
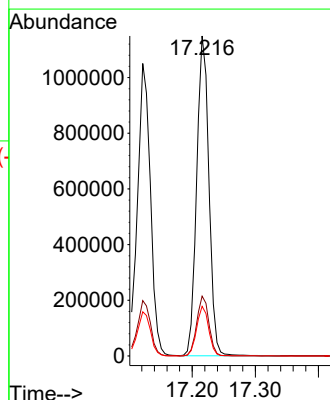
Tgt Ion:178 Resp: 1541452

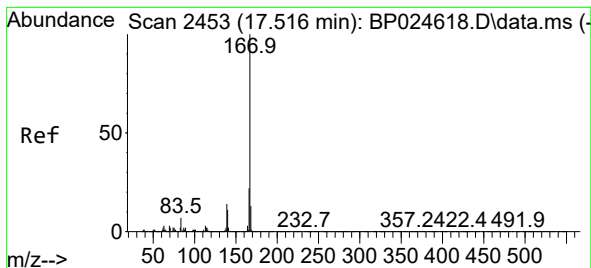
Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

179 15.5 12.2 18.2





#73

Carbazole

Concen: 47.615 ng

RT: 17.504 min Scan# 2453

Delta R.T. 0.012 min

Lab File: BP024830.D

Acq: 29 May 2025 15:22

Instrument :

BNA_P

ClientSampleId :

PB168198BS

Tgt Ion:167 Resp: 143765

Ion Ratio Lower Upper

167 100

166 21.9 17.7 26.5

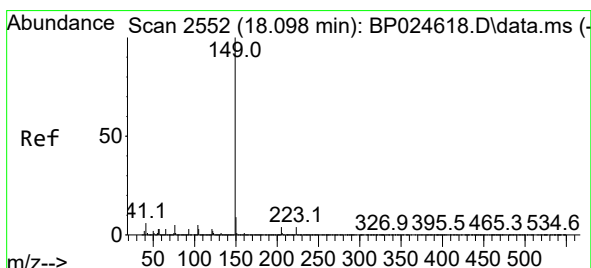
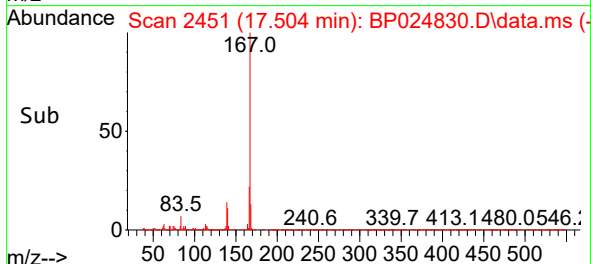
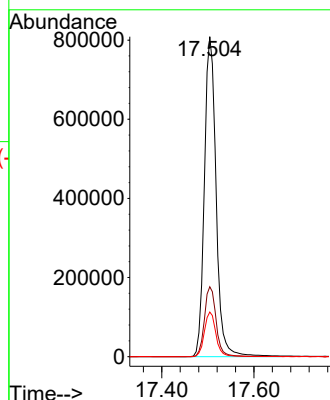
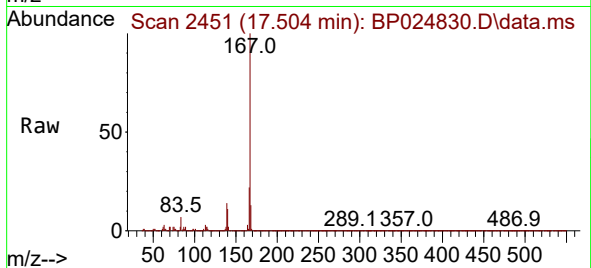
139 14.0 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/30/2025

Supervised By :Jagrut Upadhyay 05/30/2025



#74

Di-n-butylphthalate

Concen: 47.407 ng

RT: 18.080 min Scan# 2549

Delta R.T. 0.018 min

Lab File: BP024830.D

Acq: 29 May 2025 15:22

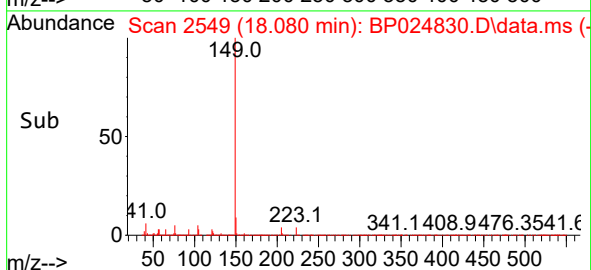
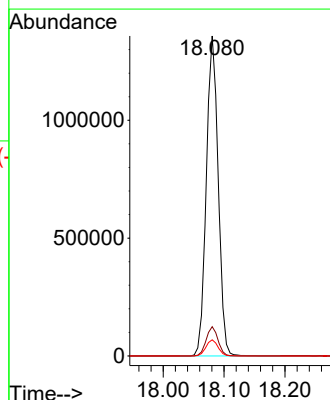
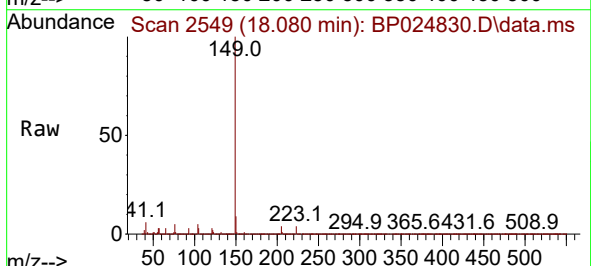
Tgt Ion:149 Resp: 1840862

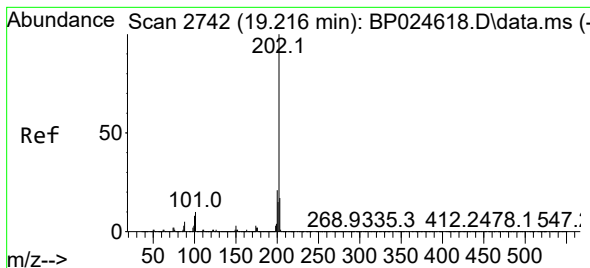
Ion Ratio Lower Upper

149 100

150 9.1 7.2 10.8

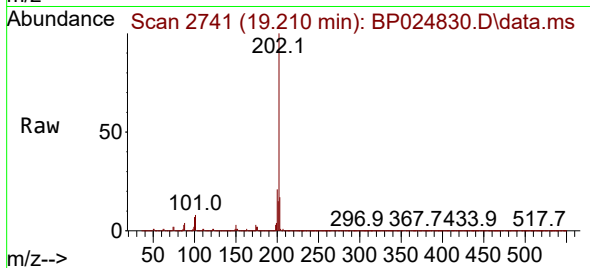
104 5.1 4.3 6.5





#75
Fluoranthene
Concen: 46.646 ng
RT: 19.210 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22

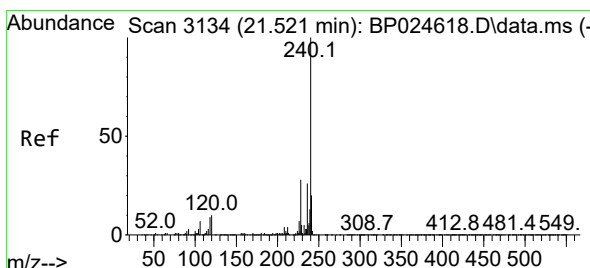
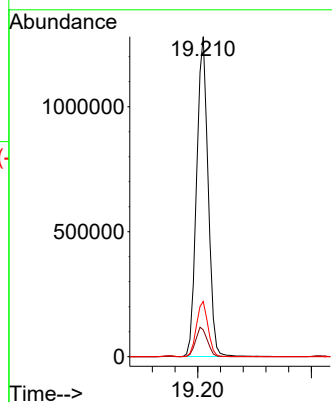
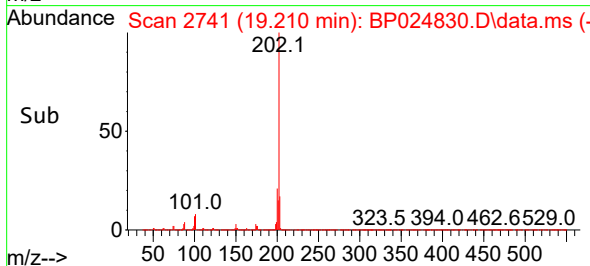
Instrument :
BNA_P
ClientSampleId :
PB168198BS



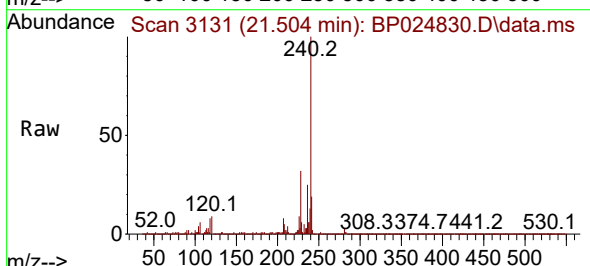
Tgt Ion:202 Resp: 1807870
Ion Ratio Lower Upper
202 100
101 8.4 0.0 30.3
203 17.2 0.0 37.5

Manual Integrations
APPROVED

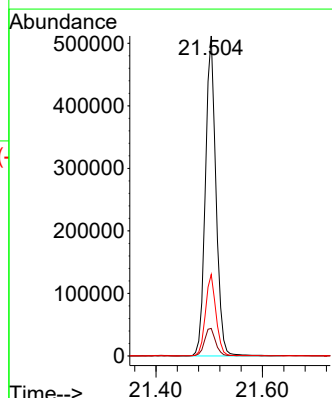
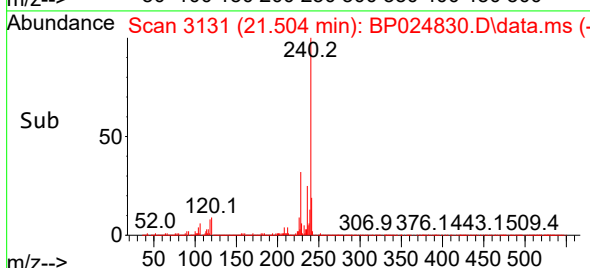
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025

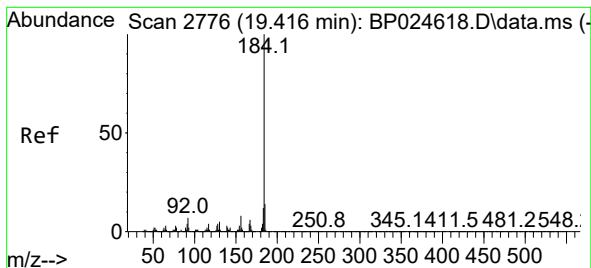


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.504 min Scan# 3131
Delta R.T. 0.012 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22



Tgt Ion:240 Resp: 701915
Ion Ratio Lower Upper
240 100
120 8.6 7.8 11.6
236 25.5 20.6 31.0





#77

Benzidine

Concen: 43.301 ng

RT: 19.416 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024830.D

Acq: 29 May 2025 15:22

Instrument :

BNA_P

ClientSampleId :

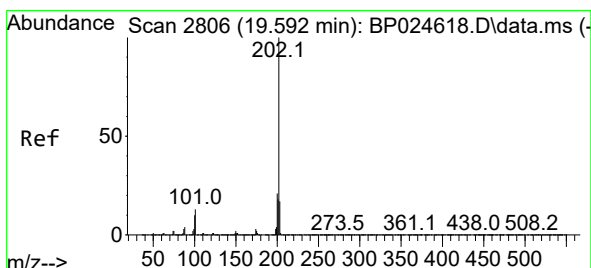
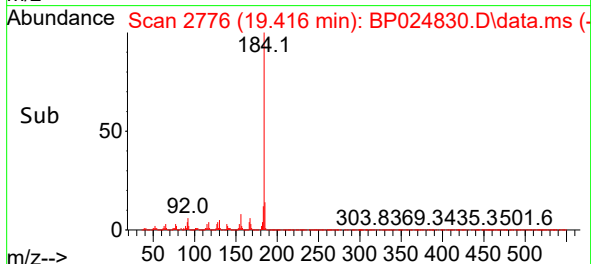
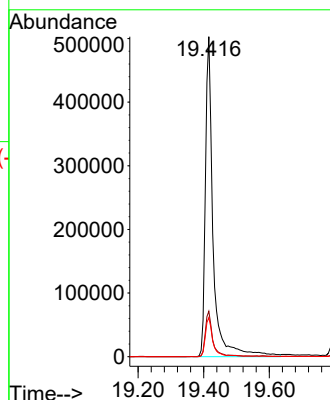
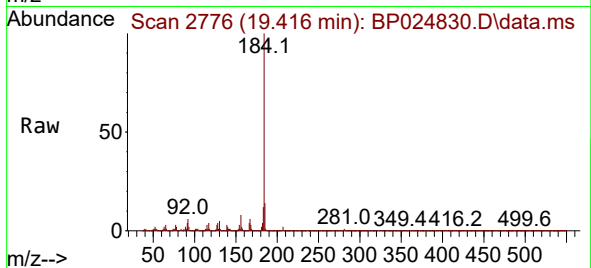
PB168198BS

Tgt Ion:184 Resp: 82780
 Ion Ratio Lower Upper
 184 100
 185 14.2 11.2 16.8
 183 12.2 9.8 14.8

Manual Integrations

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Reviewed By :Rahul Chavli 05/30/2025
 Supervised By :Jagrut Upadhyay 05/30/2025



#78

Pyrene

Concen: 44.444 ng

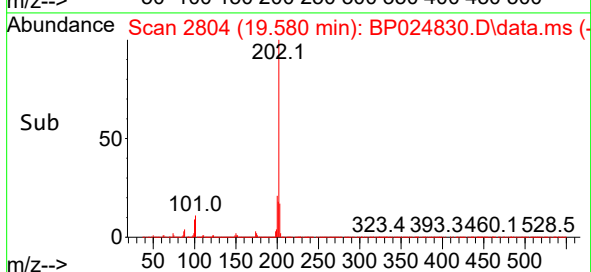
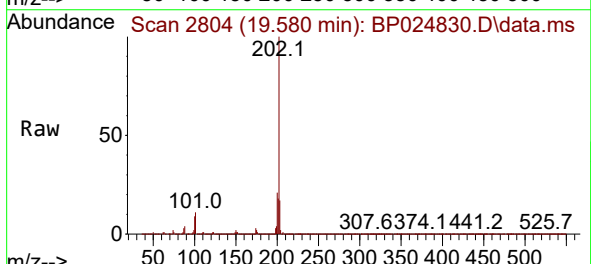
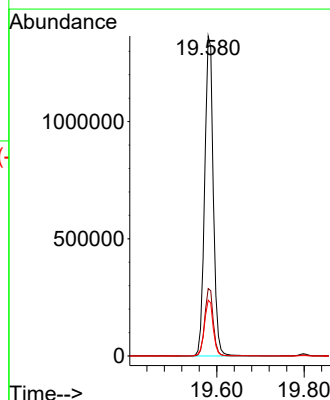
RT: 19.580 min Scan# 2804

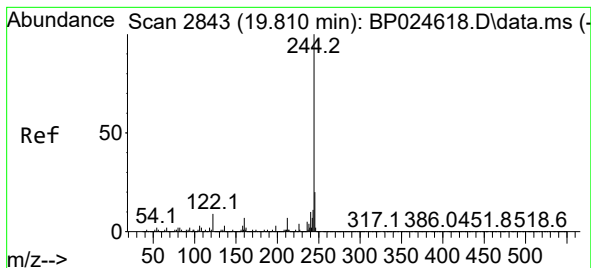
Delta R.T. 0.012 min

Lab File: BP024830.D

Acq: 29 May 2025 15:22

Tgt Ion:202 Resp: 1869195
 Ion Ratio Lower Upper
 202 100
 200 21.1 16.9 25.3
 203 17.4 13.9 20.9





#79

Terphenyl-d14

Concen: 80.322 ng

RT: 19.798 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024830.D

Acq: 29 May 2025 15:22

Instrument :

BNA_P

ClientSampleId :

PB168198BS

Tgt Ion:244 Resp: 3288014

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

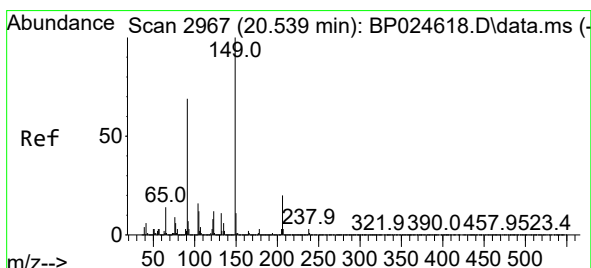
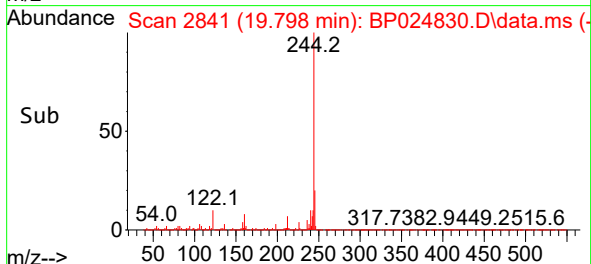
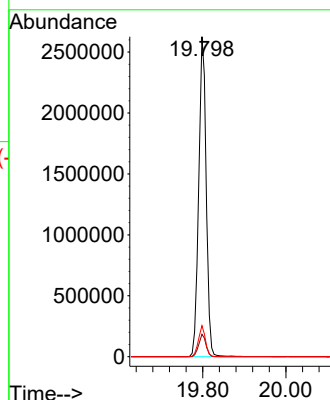
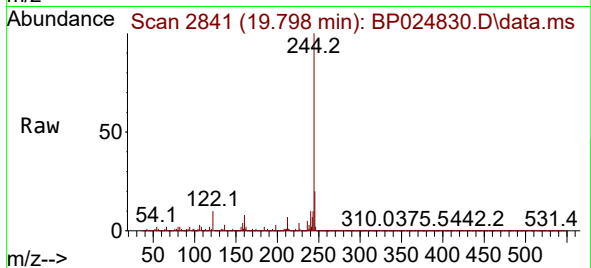
122 9.7 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/30/2025

Supervised By :Jagrut Upadhyay 05/30/2025



#80

Butylbenzylphthalate

Concen: 47.062 ng

RT: 20.527 min Scan# 2965

Delta R.T. 0.006 min

Lab File: BP024830.D

Acq: 29 May 2025 15:22

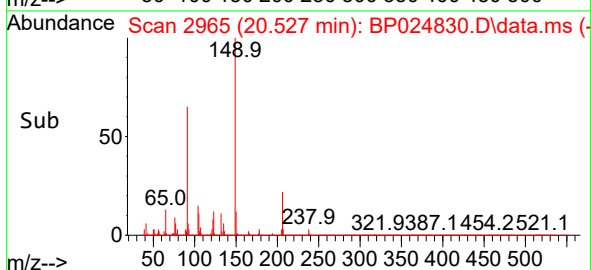
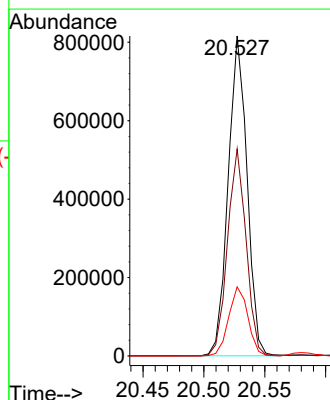
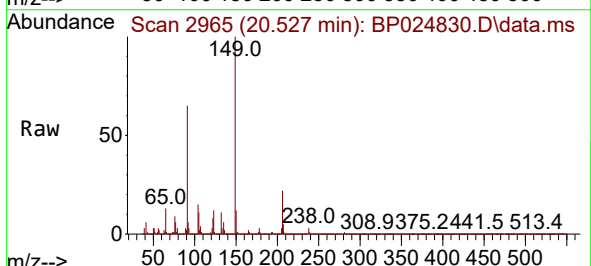
Tgt Ion:149 Resp: 880274

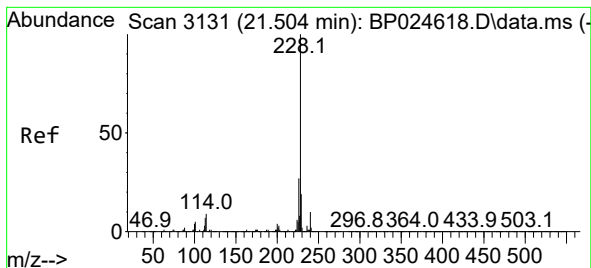
Ion Ratio Lower Upper

149 100

91 64.7 55.4 83.0

206 21.6 16.2 24.2





#81

Benzo(a)anthracene

Concen: 46.167 ng

RT: 21.486 min Scan# 3115

Delta R.T. 0.012 min

Lab File: BP024830.D

Acq: 29 May 2025 15:22

Instrument :

BNA_P

ClientSampleId :

PB168198BS

Tgt Ion:228 Resp: 2034794

Ion Ratio Lower Upper

228 100

226 27.2 21.4 32.0

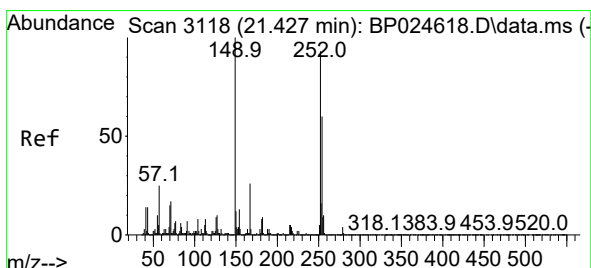
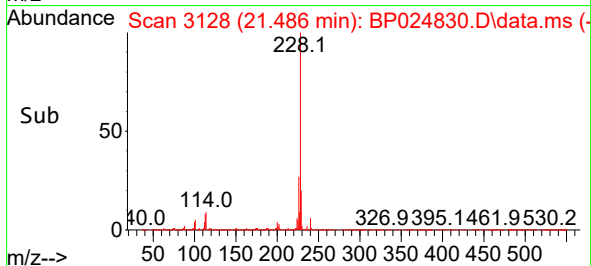
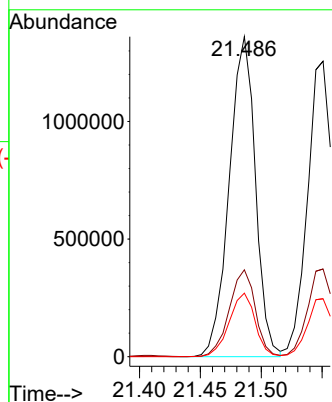
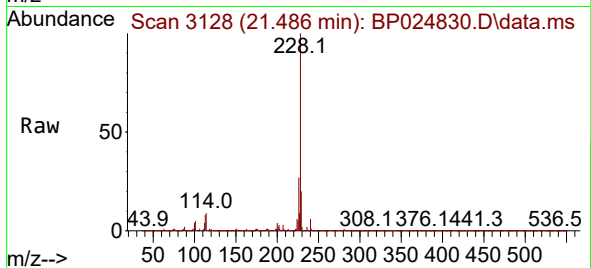
229 19.9 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/30/2025

Supervised By :Jagrut Upadhyay 05/30/2025



#82

3,3'-Dichlorobenzidine

Concen: 36.725 ng

RT: 21.410 min Scan# 3115

Delta R.T. 0.006 min

Lab File: BP024830.D

Acq: 29 May 2025 15:22

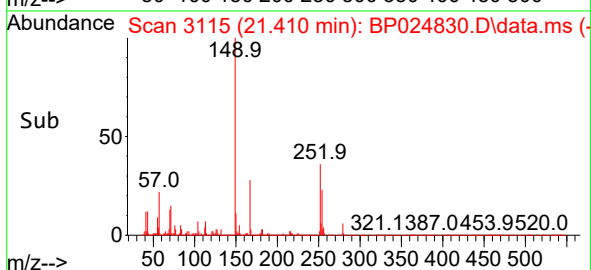
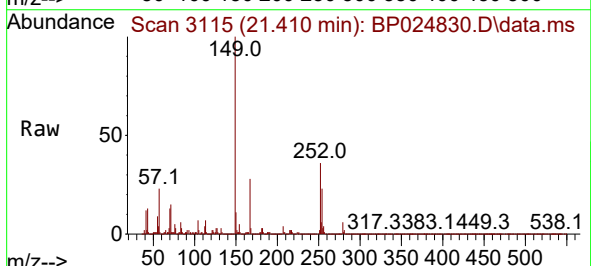
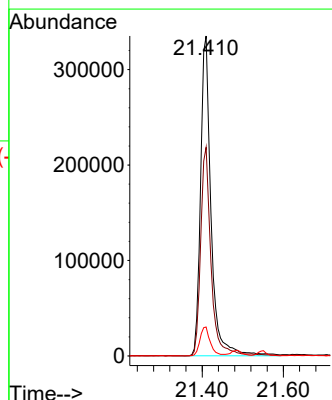
Tgt Ion:252 Resp: 601191

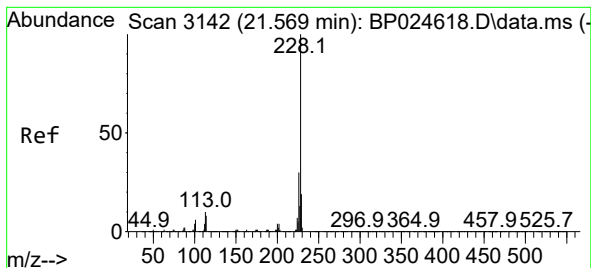
Ion Ratio Lower Upper

252 100

254 65.2 51.8 77.6

126 9.0 7.7 11.5





#83

Chrysene

Concen: 44.731 ng

RT: 21.551 min Scan# 3116

Delta R.T. 0.012 min

Lab File: BP024830.D

Acq: 29 May 2025 15:22

Instrument :

BNA_P

ClientSampleId :

PB168198BS

Tgt Ion:228 Resp: 186888

Ion Ratio Lower Upper

228 100

226 29.7 23.9 35.9

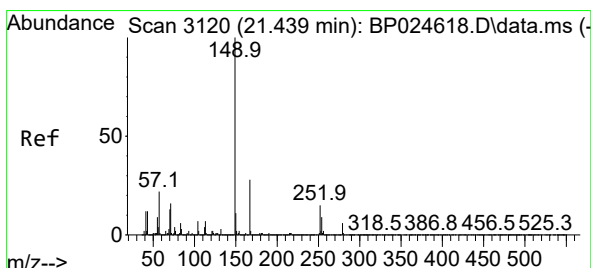
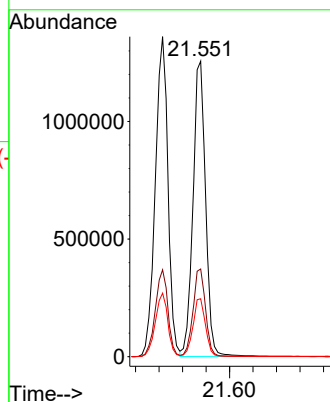
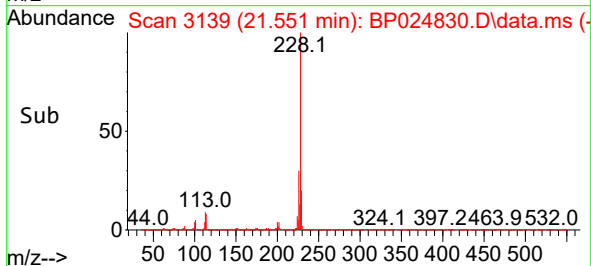
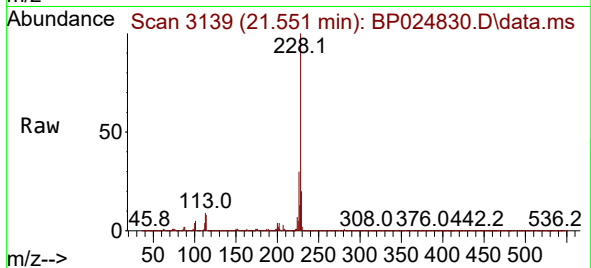
229 19.6 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/30/2025

Supervised By :Jagrut Upadhyay 05/30/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.626 ng

RT: 21.416 min Scan# 3116

Delta R.T. 0.006 min

Lab File: BP024830.D

Acq: 29 May 2025 15:22

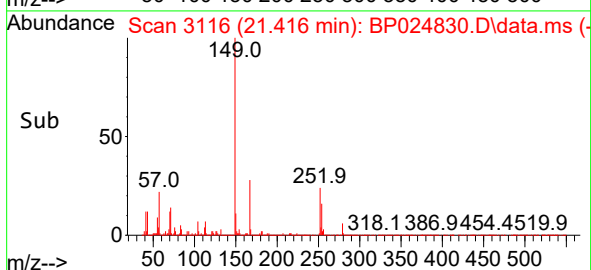
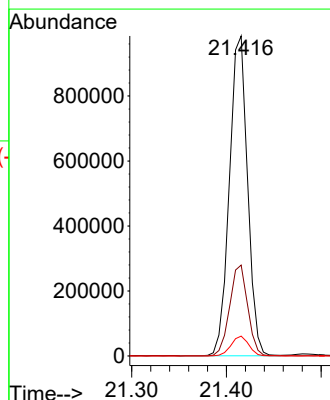
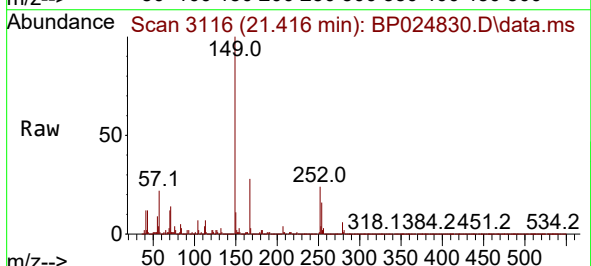
Tgt Ion:149 Resp: 1309342

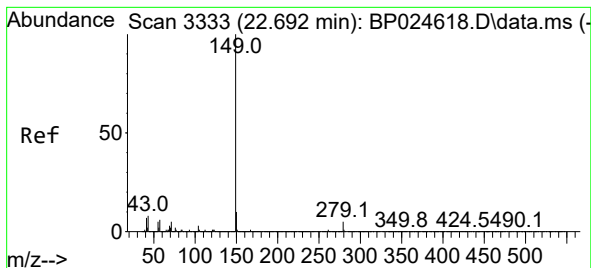
Ion Ratio Lower Upper

149 100

167 28.4 22.1 33.1

279 6.2 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 51.905 ng

RT: 22.657 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP024830.D

Acq: 29 May 2025 15:22

Instrument :

BNA_P

ClientSampleId :

PB168198BS

Tgt Ion:149 Resp: 233351

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

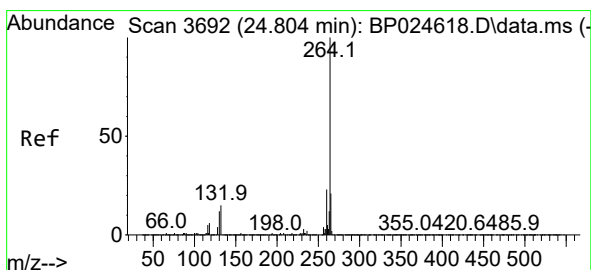
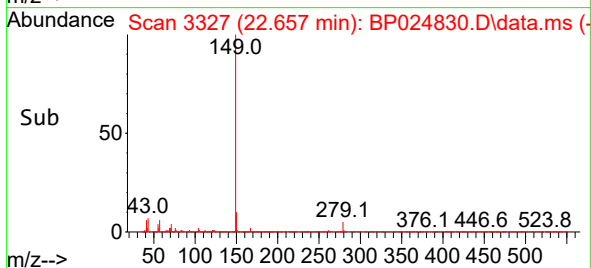
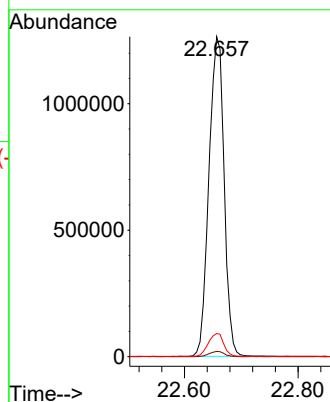
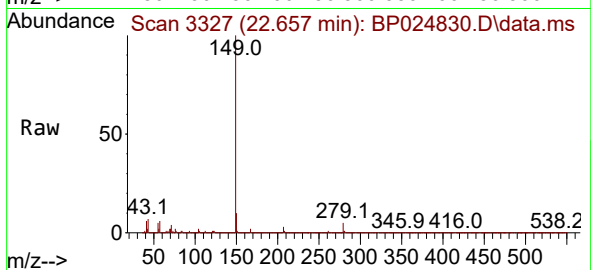
43 7.3 6.3 9.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/30/2025

Supervised By :Jagrut Upadhyay 05/30/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.757 min Scan# 3684

Delta R.T. 0.012 min

Lab File: BP024830.D

Acq: 29 May 2025 15:22

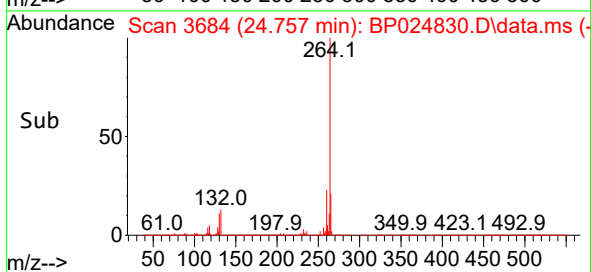
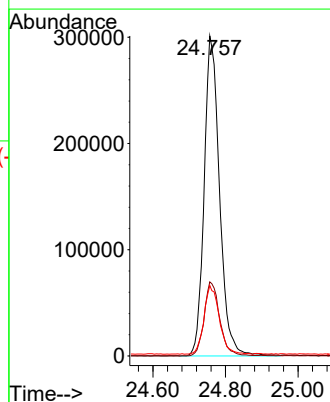
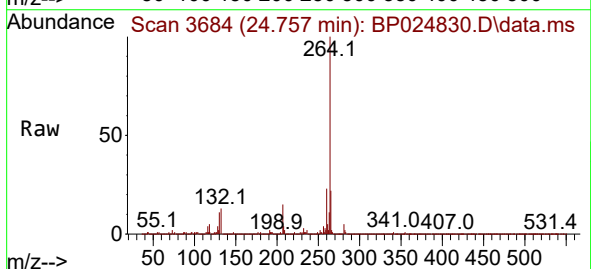
Tgt Ion:264 Resp: 889249

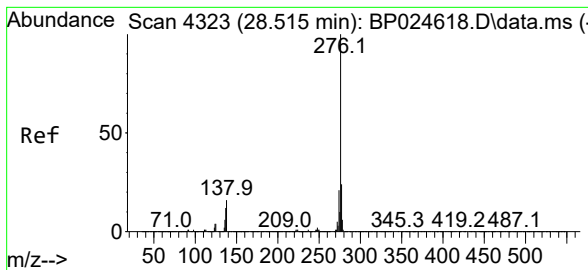
Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 22.0 17.0 25.6





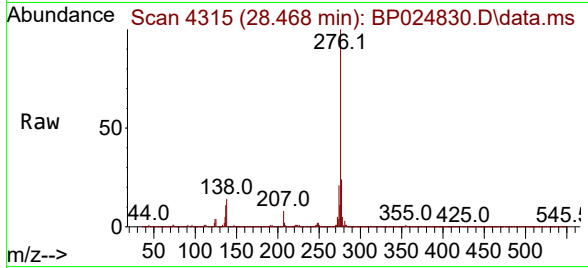
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.072 ng
 RT: 28.468 min Scan# 41
 Delta R.T. 0.029 min
 Lab File: BP024830.D
 Acq: 29 May 2025 15:22

Instrument :

BNA_P

ClientSampleId :

PB168198BS



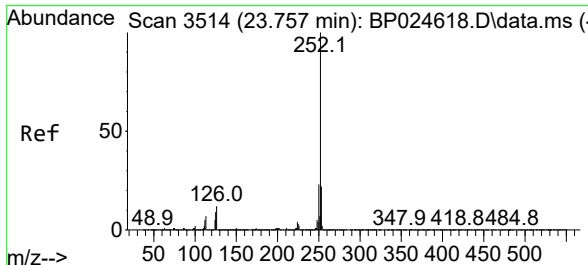
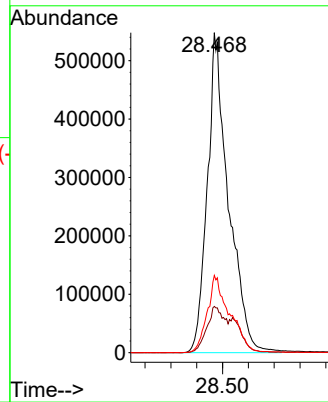
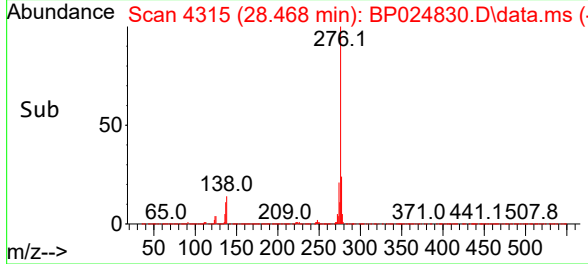
Tgt Ion: 276 Resp: 312084
 Ion Ratio Lower Upper
 276 100
 138 12.2 11.2 16.8
 277 25.7 15.7 23.5

Manual Integrations

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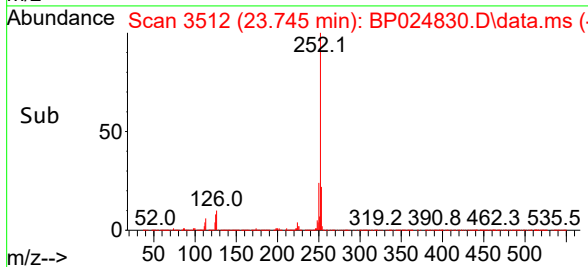
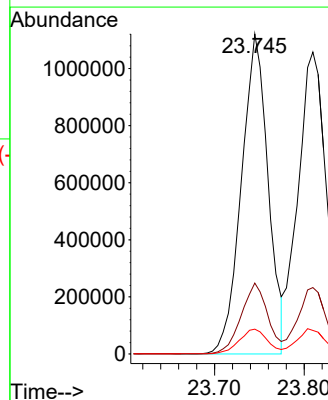
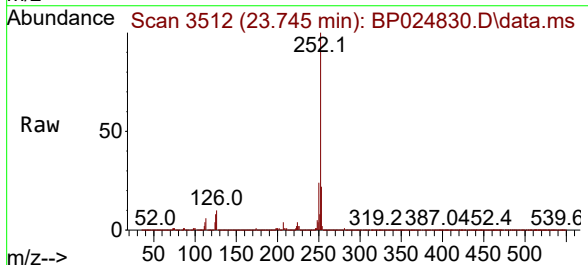
Reviewed By :Rahul Chavli 05/30/2025

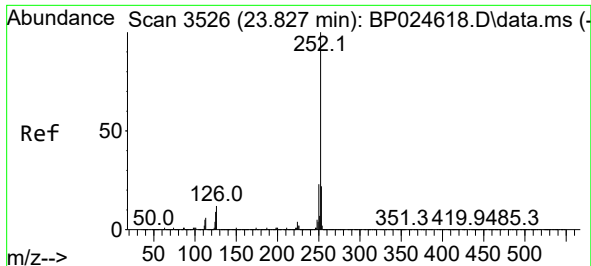
Supervised By :Jagrut Upadhyay 05/30/2025



#88
 Benzo(b)fluoranthene
 Concen: 45.486 ng
 RT: 23.745 min Scan# 3512
 Delta R.T. 0.024 min
 Lab File: BP024830.D
 Acq: 29 May 2025 15:22

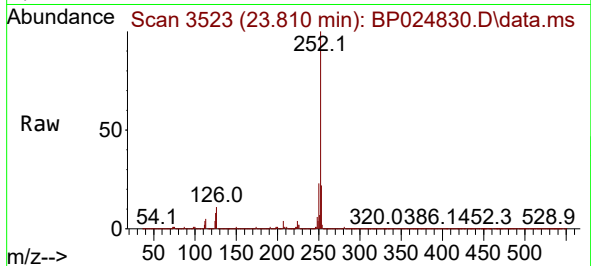
Tgt Ion: 252 Resp: 2315190
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.7 26.5
 125 7.8 7.5 11.3





#89
Benzo(k)fluoranthene
Concen: 44.583 ng
RT: 23.810 min Scan# 3526
Delta R.T. 0.012 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22

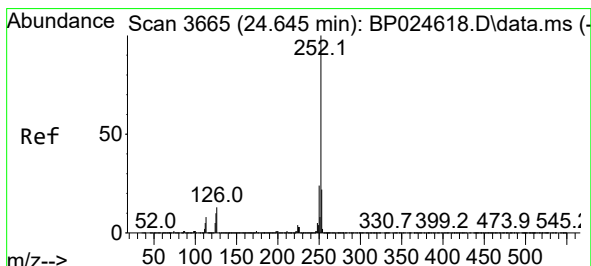
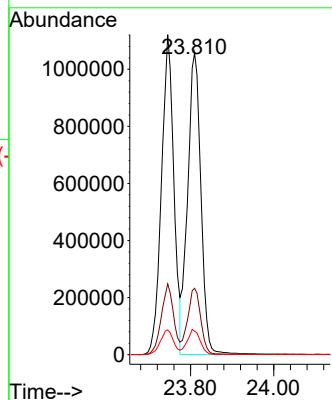
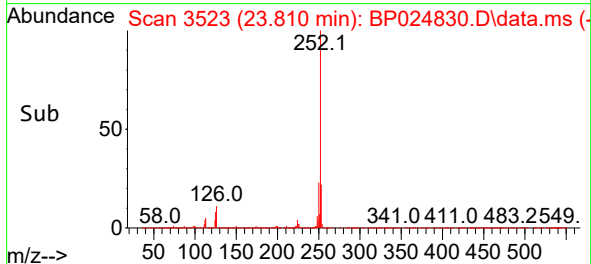
Instrument :
BNA_P
ClientSampleId :
PB168198BS



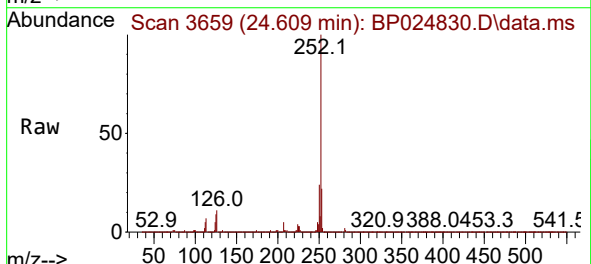
Tgt Ion:252 Resp: 233828
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 7.8 7.0 10.4

Manual Integrations
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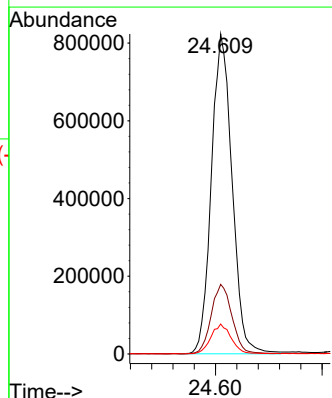
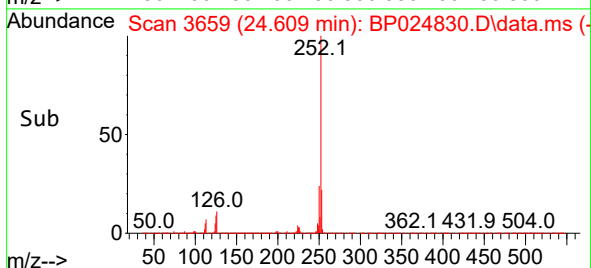
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025

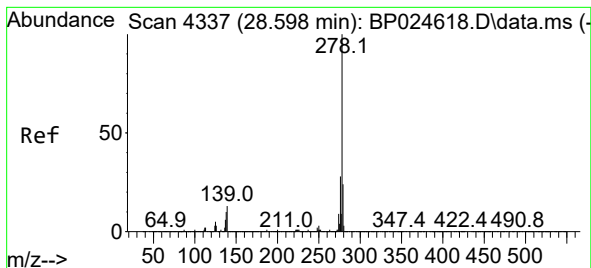


#90
Benzo(a)pyrene
Concen: 45.307 ng
RT: 24.609 min Scan# 3659
Delta R.T. 0.012 min
Lab File: BP024830.D
Acq: 29 May 2025 15:22



Tgt Ion:252 Resp: 2214796
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 9.3 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 48.618 ng

RT: 28.556 min Scan# 41

Delta R.T. 0.035 min

Lab File: BP024830.D

Acq: 29 May 2025 15:22

Instrument :

BNA_P

ClientSampleId :

PB168198BS

Tgt Ion:278 Resp: 256778

Ion Ratio Lower Upper

278 100

139 10.5 10.2 15.4

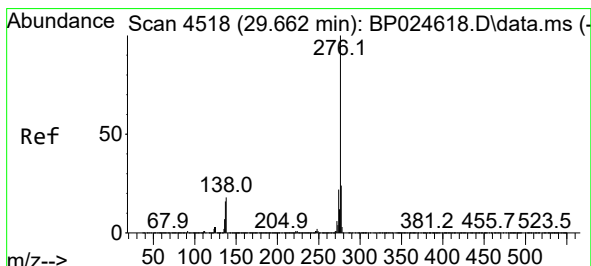
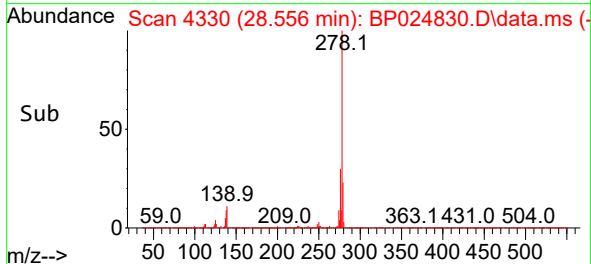
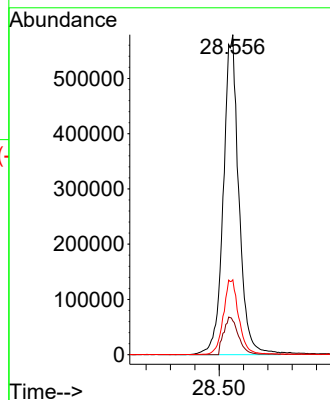
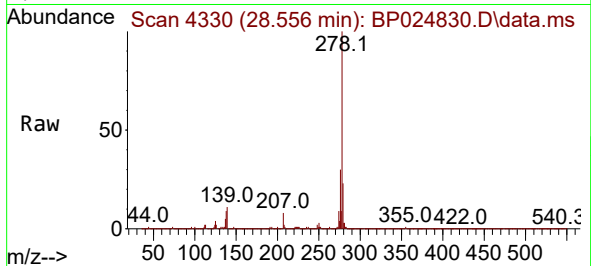
279 23.4 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/30/2025

Supervised By :Jagrut Upadhyay 05/30/2025



#92

Benzo(g,h,i)perylene

Concen: 46.520 ng

RT: 29.621 min Scan# 4511

Delta R.T. 0.029 min

Lab File: BP024830.D

Acq: 29 May 2025 15:22

Tgt Ion:276 Resp: 2443284

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 16.1 14.4 21.6

