

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052925\
 Data File : BP024833.D
 Acq On : 29 May 2025 17:47
 Operator : RC/JU
 Sample : Q2136-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-646-COMP-52MSD

Quant Time: May 29 18:19:47 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	127034	20.000	ng	0.00
21) Naphthalene-d8	10.416	136	508304	20.000	ng	0.00
39) Acenaphthene-d10	14.281	164	317079	20.000	ng	0.00
64) Phenanthrene-d10	17.087	188	643680	20.000	ng	0.02
76) Chrysene-d12	21.504	240	763183	20.000	ng	0.01
86) Perylene-d12	24.780	264	927467	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	793908	106.891	ng	0.00
7) Phenol-d6	6.852	99	980681	103.456	ng	0.00
23) Nitrobenzene-d5	8.799	82	593154	58.961	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	633682	117.885	ng	0.02
45) 2-Fluorobiphenyl	12.893	172	1447653	59.815	ng	0.01
79) Terphenyl-d14	19.804	244	2548684	57.263	ng	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.217	88	120541	34.562	ng	99
3) Pyridine	3.611	79	294603	38.095	ng	98
4) n-Nitrosodimethylamine	3.523	42	139921	40.983	ng	98
6) Aniline	6.987	93	333919	27.284	ng	98
8) 2-Chlorophenol	7.228	128	415754	49.309	ng	97
9) Benzaldehyde	6.805	77	202273	32.964	ng	95
10) Phenol	6.875	94	459699	46.986	ng	98
11) bis(2-Chloroethyl)ether	7.081	93	327072	40.684	ng	98
12) 1,3-Dichlorobenzene	7.534	146	431569	44.489	ng	98
13) 1,4-Dichlorobenzene	7.681	146	437853	44.878	ng	99
14) 1,2-Dichlorobenzene	7.993	146	422814	44.474	ng	99
15) Benzyl Alcohol	7.893	79	333687	46.323	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.169	45	377110	39.169	ng	98
17) 2-Methylphenol	8.105	107	328550	46.820	ng	96
18) Hexachloroethane	8.711	117	163618	43.763	ng	97
19) n-Nitroso-di-n-propyla...	8.452	70	255151	38.912	ng	98
20) 3+4-Methylphenols	8.428	107	442555	46.363	ng	98
22) Acetophenone	8.469	105	574444	45.242	ng	# 97
24) Nitrobenzene	8.840	77	378347	42.736	ng	92
25) Isophorone	9.358	82	727362	41.681	ng	97
26) 2-Nitrophenol	9.540	139	227585	52.461	ng	98
27) 2,4-Dimethylphenol	9.610	122	374376	48.947	ng	99
28) bis(2-Chloroethoxy)met...	9.834	93	443792	42.567	ng	98
29) 2,4-Dichlorophenol	10.087	162	387604	52.295	ng	96
30) 1,2,4-Trichlorobenzene	10.281	180	400915	48.000	ng	98
31) Naphthalene	10.463	128	1242286	47.162	ng	100
32) Benzoic acid	9.805	122	319873m	58.195	ng	
33) 4-Chloroaniline	10.587	127	178998	16.840	ng	98
34) Hexachlorobutadiene	10.746	225	254065	46.956	ng	99
35) Caprolactam	11.387	113	129285	48.211	ng	92
36) 4-Chloro-3-methylphenol	11.734	107	419959	46.462	ng	96
37) 2-Methylnaphthalene	12.075	142	787122	46.149	ng	99
38) 1-Methylnaphthalene	12.299	142	823925	45.148	ng	99
40) 1,2,4,5-Tetrachloroben...	12.451	216	453499	49.253	ng	99
41) Hexachlorocyclopentadiene	12.422	237	562859	100.813	ng	97
43) 2,4,6-Trichlorophenol	12.704	196	313731	52.605	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.793	196	350471	52.793	ng	97
46) 1,1'-Biphenyl	13.099	154	1111205	47.415	ng	99
47) 2-Chloronaphthalene	13.140	162	849302	47.529	ng	99
48) 2-Nitroaniline	13.357	65	240092	45.383	ng	94
49) Acenaphthylene	13.998	152	1389210	46.457	ng	100
50) Dimethylphthalate	13.740	163	1103427	45.657	ng	100
51) 2,6-Dinitrotoluene	13.869	165	241093	47.235	ng	93
52) Acenaphthene	14.345	154	785936	45.718	ng	98
53) 3-Nitroaniline	14.204	138	135498	25.999	ng	96
54) 2,4-Dinitrophenol	14.422	184	324630	99.192	ng	94
55) Dibenzofuran	14.687	168	1263880	46.092	ng	97
56) 4-Nitrophenol	14.557	139	410052	90.305	ng	98
57) 2,4-Dinitrotoluene	14.669	165	353341	49.103	ng	97
58) Fluorene	15.345	166	1055527	47.209	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.928	232	315300	51.200	ng	95
60) Diethylphthalate	15.122	149	1218597	49.888	ng	99
61) 4-Chlorophenyl-phenyle...	15.340	204	531264	47.645	ng	98
62) 4-Nitroaniline	15.393	138	257938m	51.257	ng	
63) Azobenzene	15.634	77	986278	47.198	ng	94
65) 4,6-Dinitro-2-methylph...	15.451	198	210422	50.609	ng	98
66) n-Nitrosodiphenylamine	15.557	169	932564	47.168	ng	99
67) 4-Bromophenyl-phenylether	16.251	248	365595	48.201	ng	98
68) Hexachlorobenzene	16.375	284	466737	48.427	ng	97
69) Atrazine	16.545	200	359069	49.557	ng	99
70) Pentachlorophenol	16.734	266	637936	117.914	ng	99
71) Phenanthrene	17.122	178	1649361	46.093	ng	100
72) Anthracene	17.216	178	1702132	47.279	ng	100
73) Carbazole	17.510	167	1597395	49.022	ng	99
74) Di-n-butylphthalate	18.098	149	2057989	49.108	ng	99
75) Fluoranthene	19.210	202	2037251	48.705	ng	99
77) Benzidine	19.416	184	865361	41.632	ng	99
78) Pyrene	19.592	202	2132054	46.625	ng	100
80) Butylbenzylphthalate	20.533	149	1020357	50.172	ng	93
81) Benzo(a)anthracene	21.486	228	2295882	47.909	ng	99
82) 3,3'-Dichlorobenzidine	21.422	252	594635	33.408	ng	100
83) Chrysene	21.551	228	2154241	47.422	ng	100
84) Bis(2-ethylhexyl)phtha...	21.422	149	1509280	50.491	ng	98
85) Di-n-octyl phthalate	22.663	149	2589596	52.977	ng	98
87) Indeno(1,2,3-cd)pyrene	28.498	276	3275755	48.379	ng	# 89
88) Benzo(b)fluoranthene	23.745	252	2444268	46.043	ng	99
89) Benzo(k)fluoranthene	23.804	252	2522585	46.115	ng	99
90) Benzo(a)pyrene	24.627	252	2384516	46.769	ng	99
91) Dibenzo(a,h)anthracene	28.568	278	2660559	48.299	ng	99
92) Benzo(g,h,i)perylene	29.656	276	2637893	48.155	ng	98

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

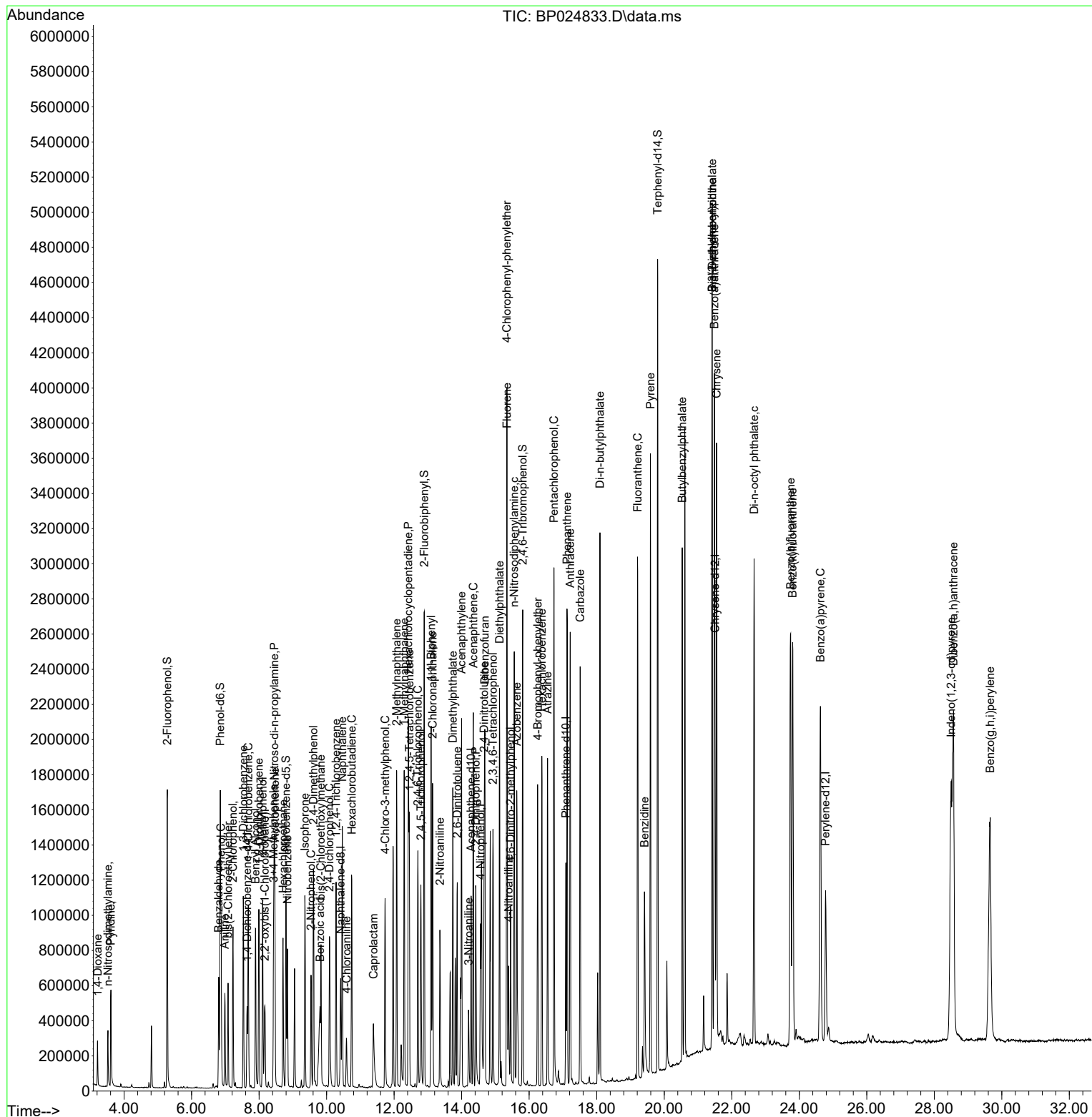
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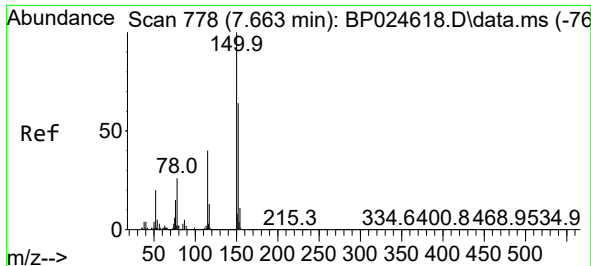
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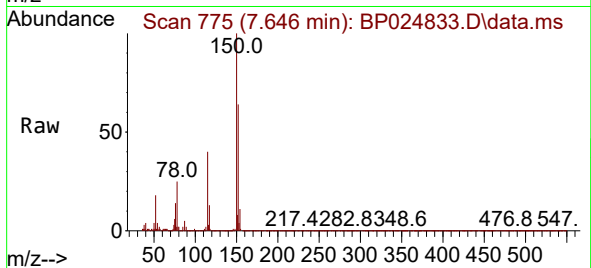
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.646 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

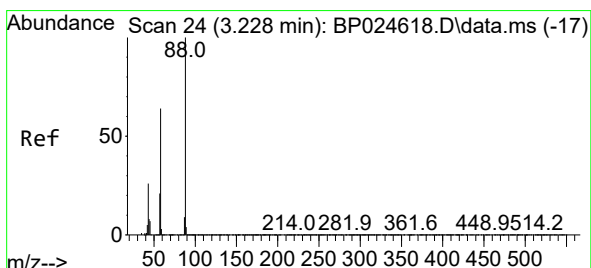
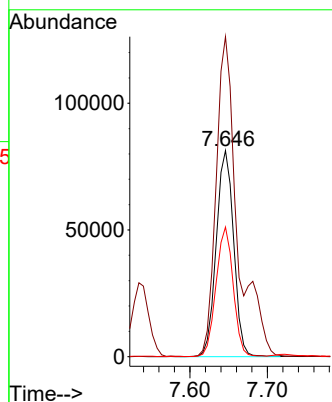
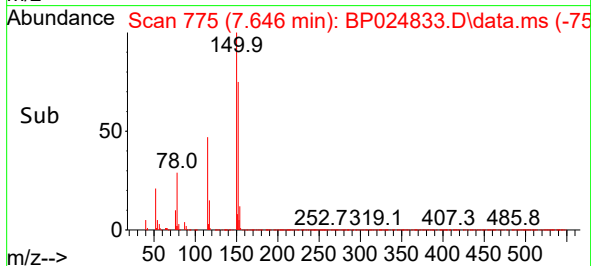
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD



Tgt Ion:152 Resp: 127034
Ion Ratio Lower Upper
152 100
150 155.2 125.9 188.9
115 62.8 50.1 75.1

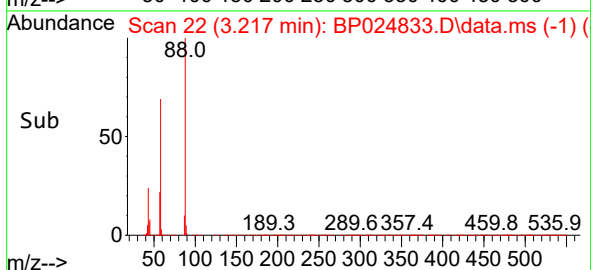
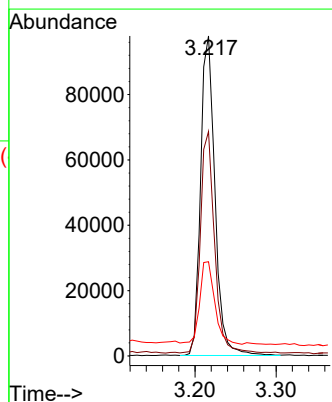
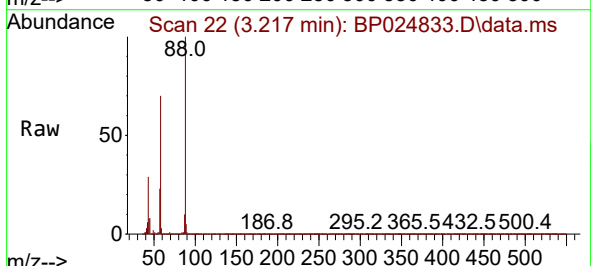
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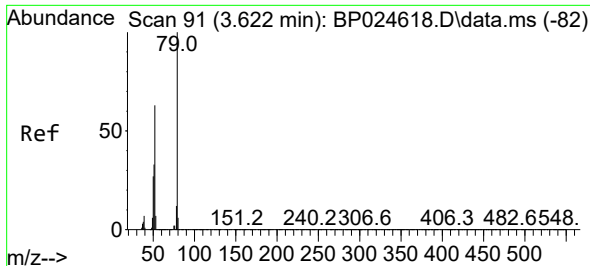
Reviewed By :Rahul Chavli 05/30/2025
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#2
1,4-Dioxane
Concen: 34.562 ng
RT: 3.217 min Scan# 22
Delta R.T. -0.006 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

Tgt Ion: 88 Resp: 120541
Ion Ratio Lower Upper
88 100
58 68.3 54.0 81.0
43 26.9 21.4 32.0





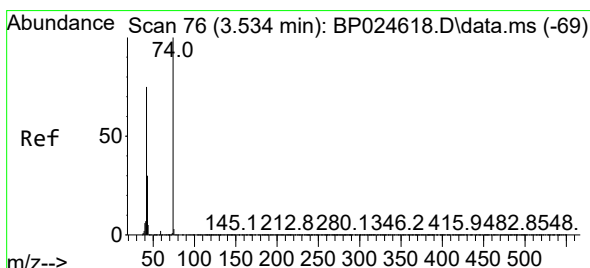
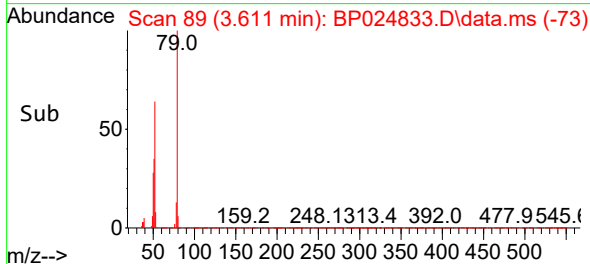
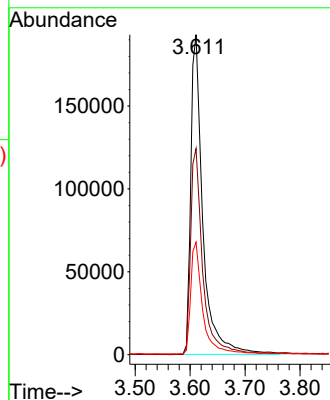
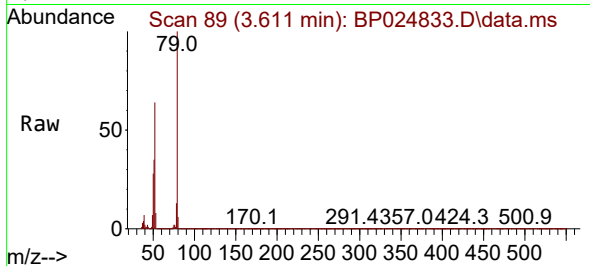
#3
Pyridine
Concen: 38.095 ng
RT: 3.611 min Scan# 89
Delta R.T. -0.006 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD

Tgt Ion: 79 Resp: 29460
Ion Ratio Lower Upper
79 100
52 64.4 50.2 75.2
51 35.1 26.8 40.2

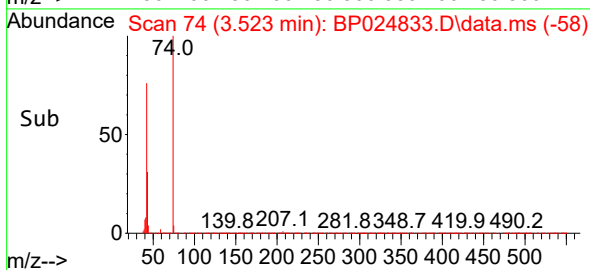
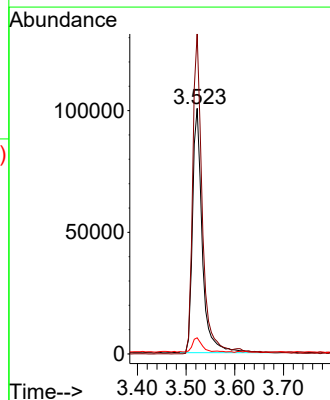
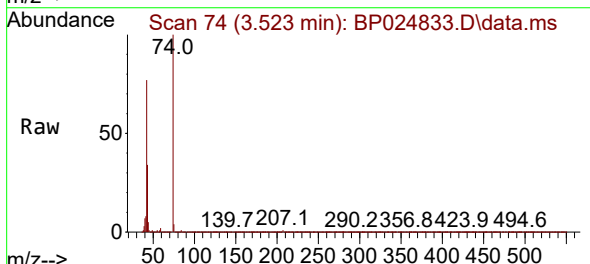
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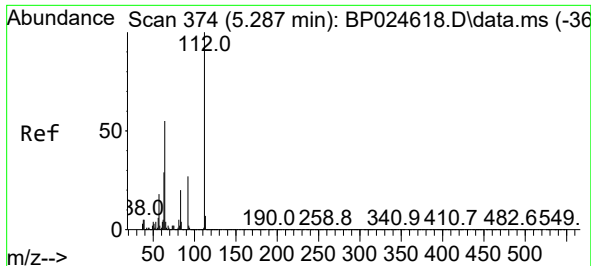
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025



#4
n-Nitrosodimethylamine
Concen: 40.983 ng
RT: 3.523 min Scan# 74
Delta R.T. -0.006 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

Tgt Ion: 42 Resp: 139921
Ion Ratio Lower Upper
42 100
74 130.3 106.2 159.2
44 6.6 5.4 8.2





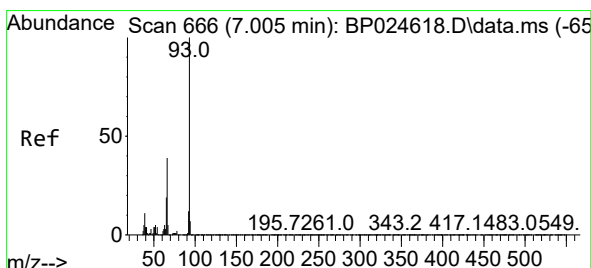
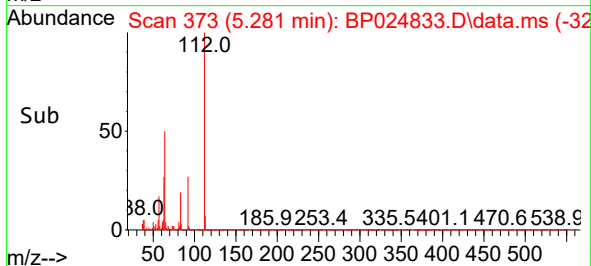
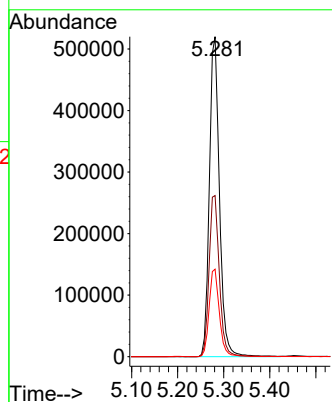
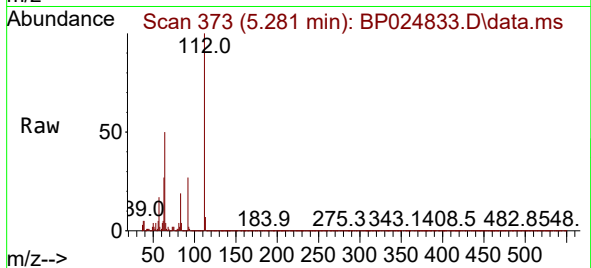
#5
2-Fluorophenol
Concen: 106.891 ng
RT: 5.281 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD

Tgt Ion: 112 Resp: 793908
Ion Ratio Lower Upper
112 100
64 50.4 44.1 66.1
63 27.4 23.5 35.3

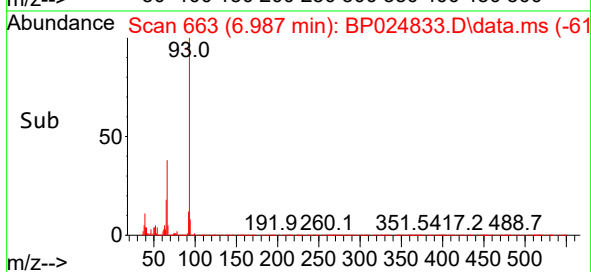
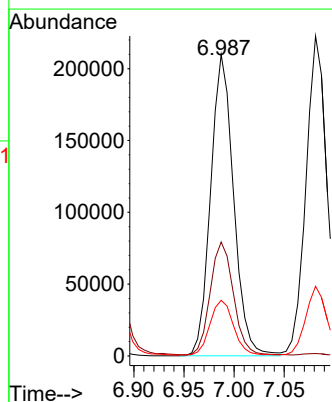
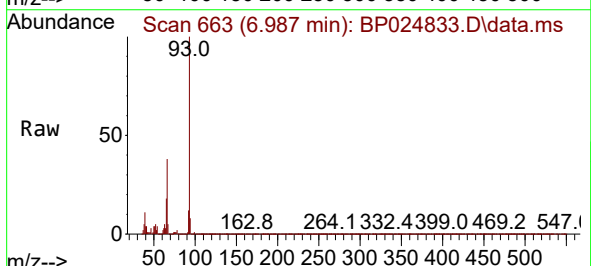
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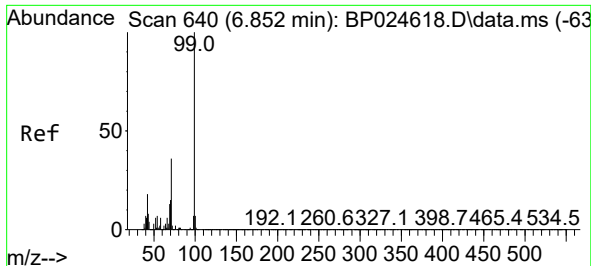
Reviewed By :Rahul Chavli 05/30/2025
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#6
Aniline
Concen: 27.284 ng
RT: 6.987 min Scan# 663
Delta R.T. 0.000 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

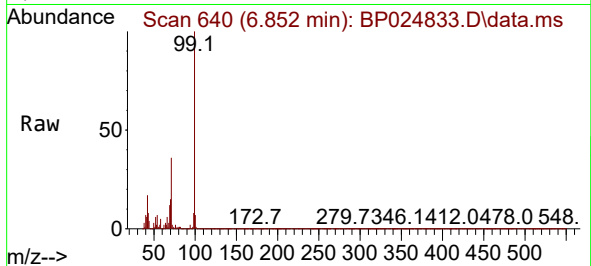
Tgt Ion: 93 Resp: 333919
Ion Ratio Lower Upper
93 100
66 37.8 31.0 46.6
65 18.5 15.5 23.3





#7
Phenol-d6
Concen: 103.456 ng
RT: 6.852 min Scan# 640
Delta R.T. 0.006 min
Lab File: BP024833.D
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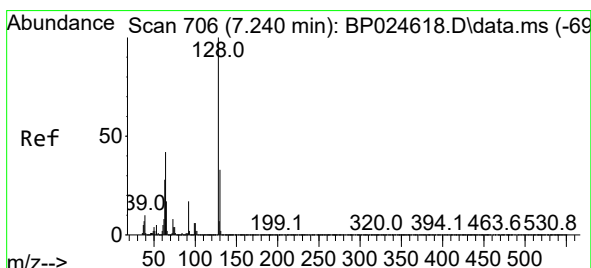
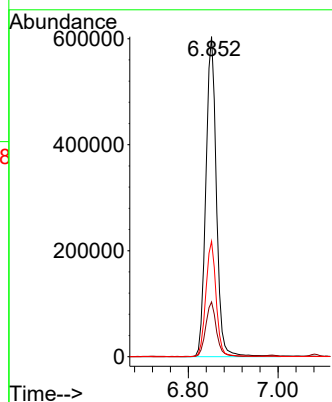
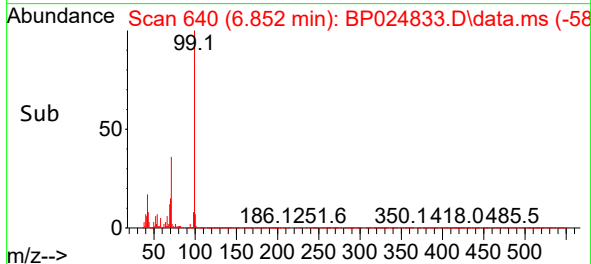
Instrument :
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Tgt Ion: 99 Resp: 98068
Ion Ratio Lower Upper
99 100
42 17.1 14.4 21.6
71 36.0 29.2 43.8

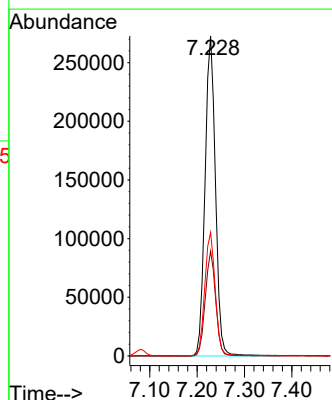
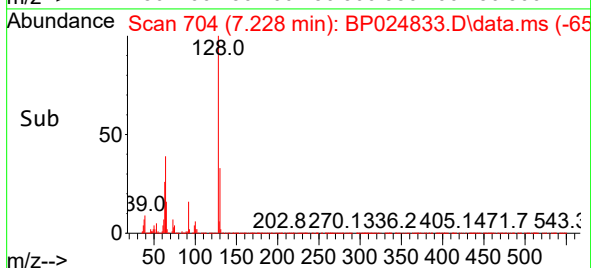
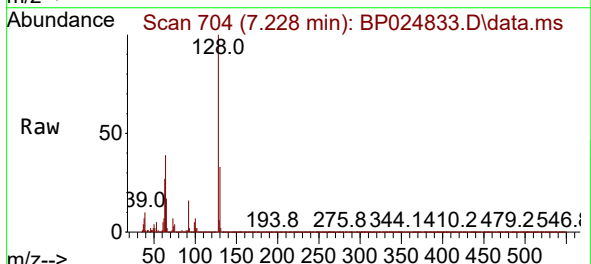
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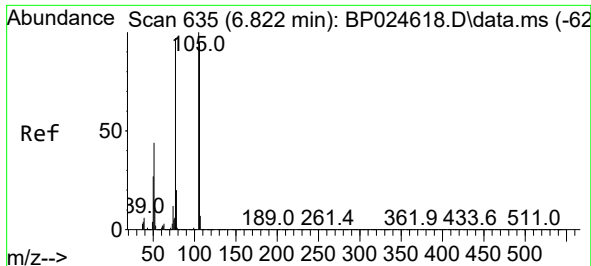
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025



#8
2-Chlorophenol
Concen: 49.309 ng
RT: 7.228 min Scan# 704
Delta R.T. 0.006 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

Tgt Ion:128 Resp: 415754
Ion Ratio Lower Upper
128 100
130 32.8 13.0 53.0
64 38.6 22.3 62.3





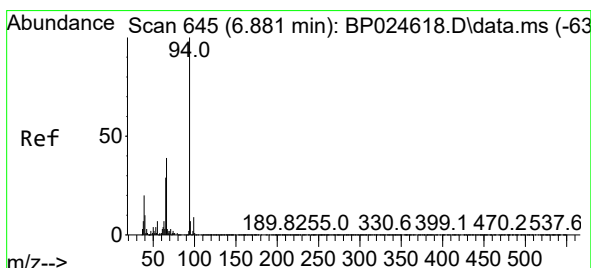
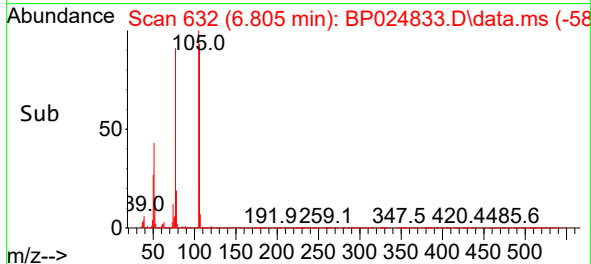
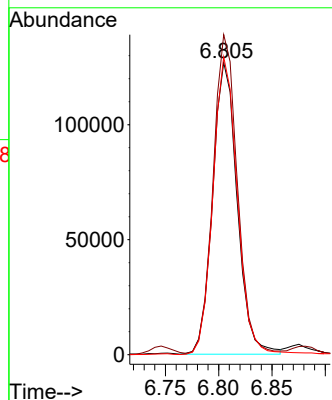
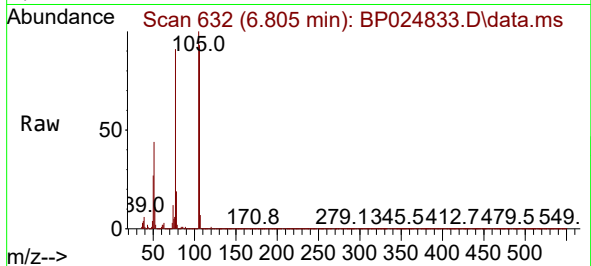
#9
Benzaldehyde
Concen: 32.964 ng
RT: 6.805 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion: 77 Resp: 20227
Ion Ratio Lower Upper
77 100
105 109.5 83.3 123.3
106 101.9 78.0 118.0

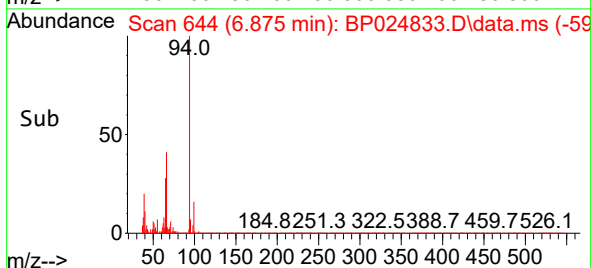
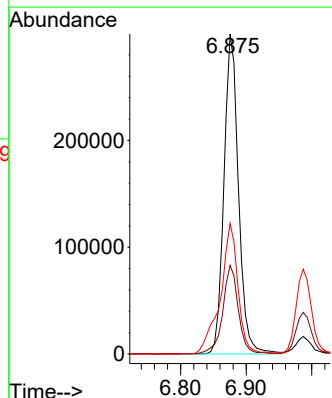
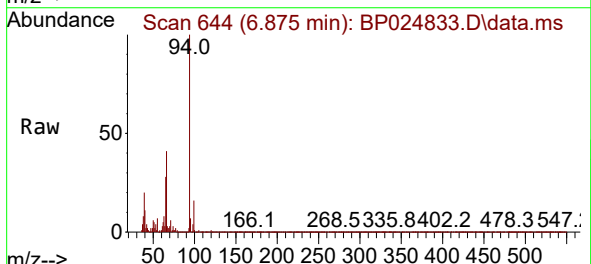
Manual Integrations
APPROVED

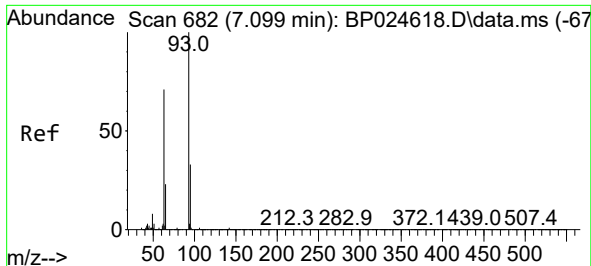
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025



#10
Phenol
Concen: 46.986 ng
RT: 6.875 min Scan# 644
Delta R.T. 0.000 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

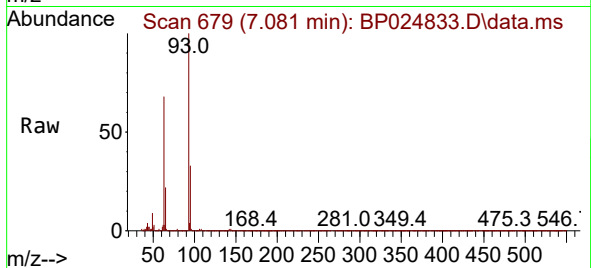
Tgt Ion: 94 Resp: 459699
Ion Ratio Lower Upper
94 100
65 27.7 8.7 48.7
66 40.8 19.4 59.4





#11
bis(2-Chloroethyl)ether
Concen: 40.684 ng
RT: 7.081 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

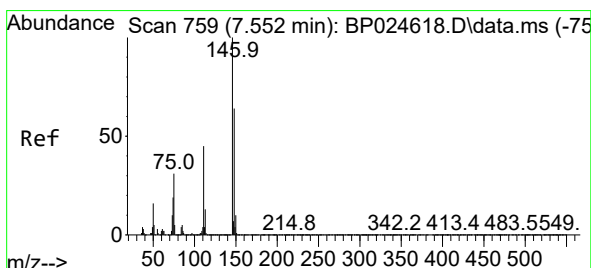
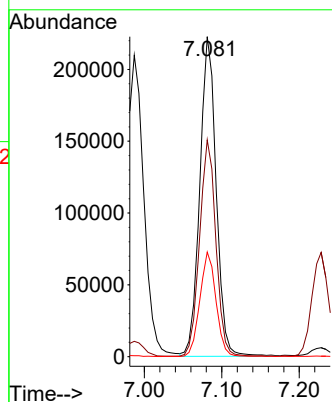
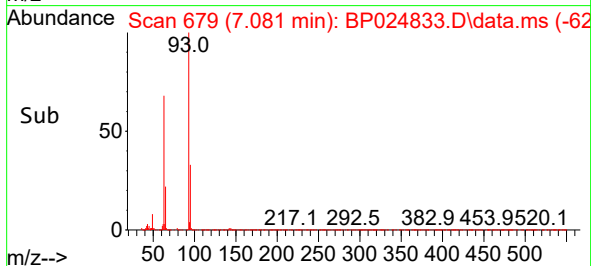
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD



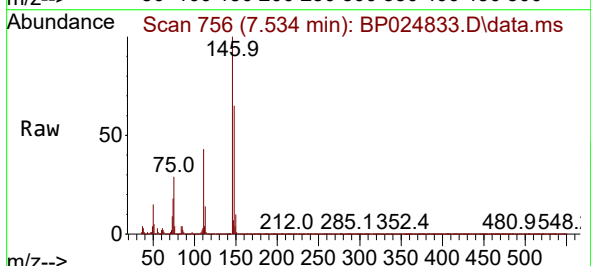
Tgt Ion: 93 Resp: 327072
Ion Ratio Lower Upper
93 100
63 67.8 50.6 90.6
95 32.7 12.9 52.9

Manual Integrations
APPROVED

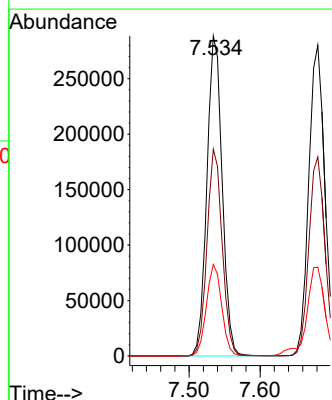
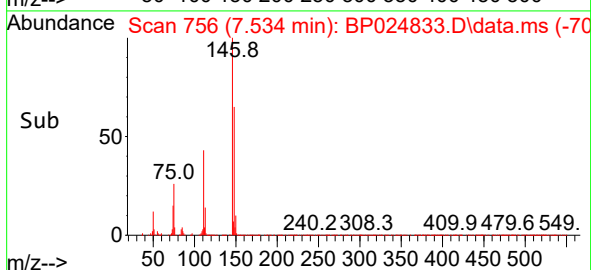
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025

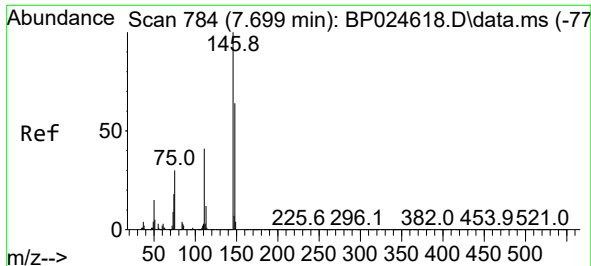


#12
1,3-Dichlorobenzene
Concen: 44.489 ng
RT: 7.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47



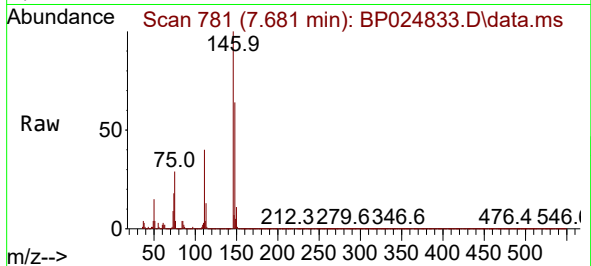
Tgt Ion:146 Resp: 431569
Ion Ratio Lower Upper
146 100
148 64.7 51.4 77.2
75 28.6 25.2 37.8





#13
1,4-Dichlorobenzene
Concen: 44.878 ng
RT: 7.681 min Scan# 781
Delta R.T. 0.000 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

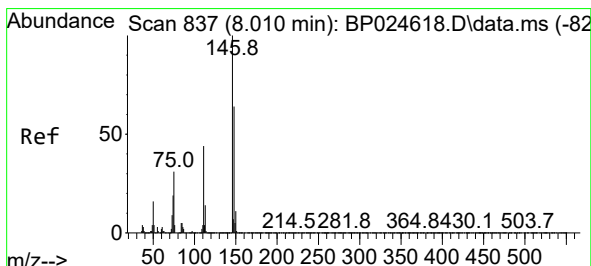
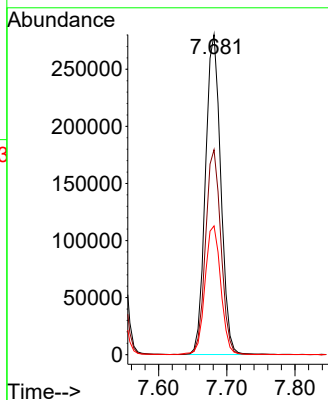
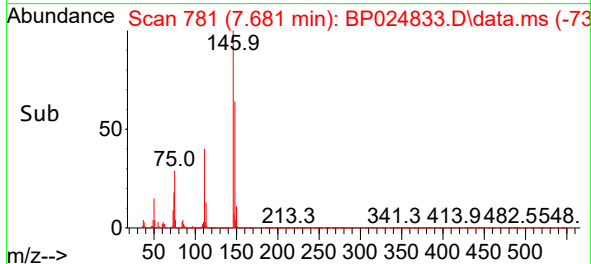
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD



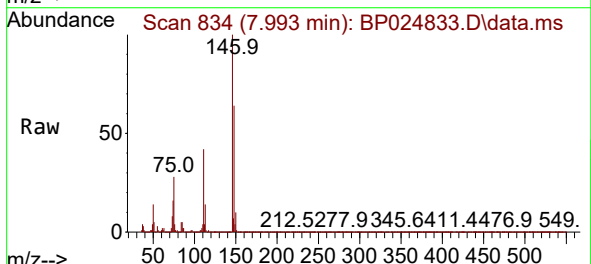
Tgt Ion:146 Resp: 43785
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.6
111 40.2 33.0 49.6

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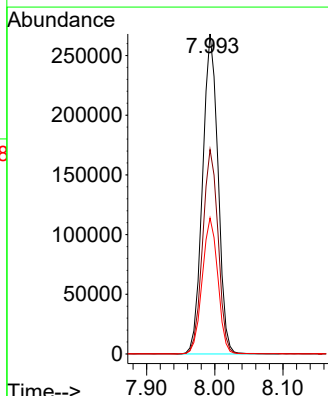
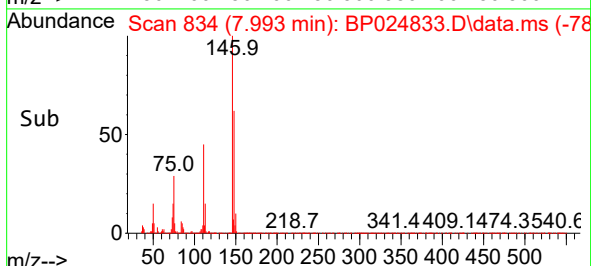
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025

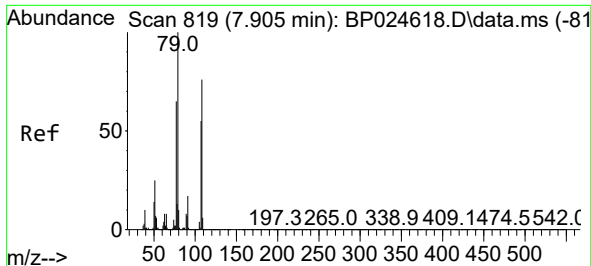


#14
1,2-Dichlorobenzene
Concen: 44.474 ng
RT: 7.993 min Scan# 834
Delta R.T. 0.000 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47



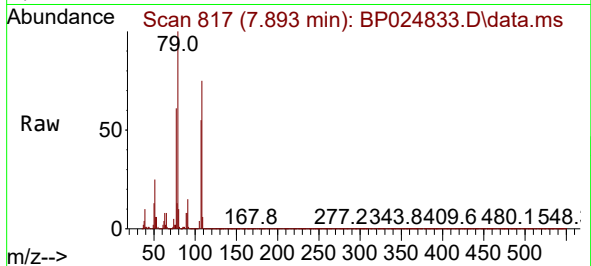
Tgt Ion:146 Resp: 422814
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.4
111 42.5 35.2 52.8





#15
Benzyl Alcohol
Concen: 46.323 ng
RT: 7.893 min Scan# 819
Delta R.T. 0.000 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

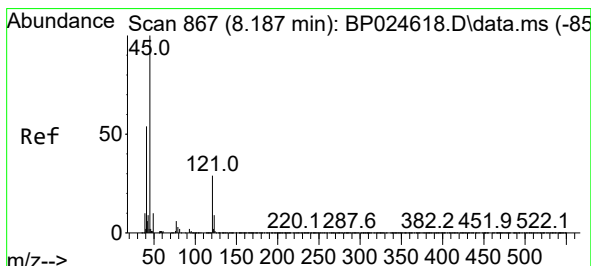
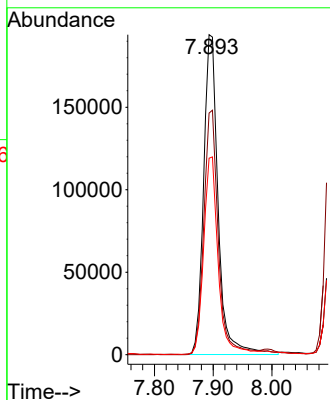
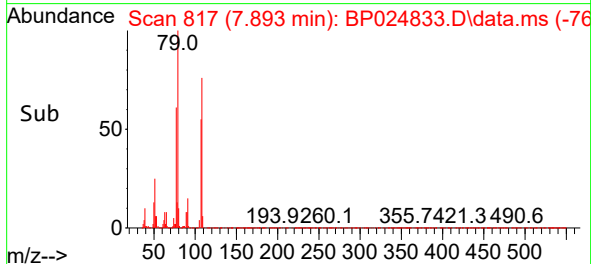
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD



Tgt Ion: 79 Resp: 33368
Ion Ratio Lower Upper
79 100
108 75.5 60.8 91.2
77 61.4 51.9 77.9

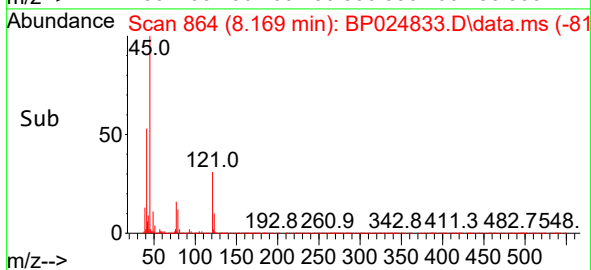
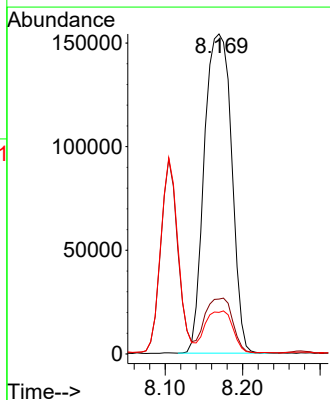
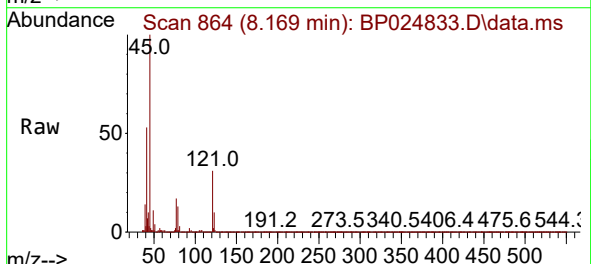
Manual Integrations
APPROVED

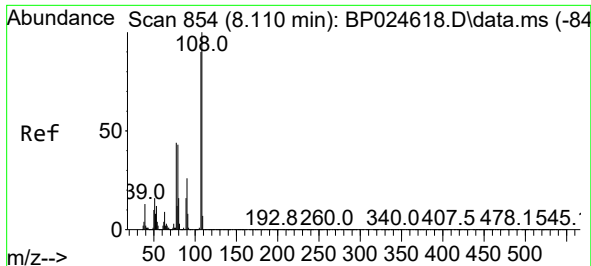
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.169 ng
RT: 8.169 min Scan# 864
Delta R.T. 0.006 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

Tgt Ion: 45 Resp: 377110
Ion Ratio Lower Upper
45 100
77 17.1 0.0 37.7
79 13.0 0.0 34.0





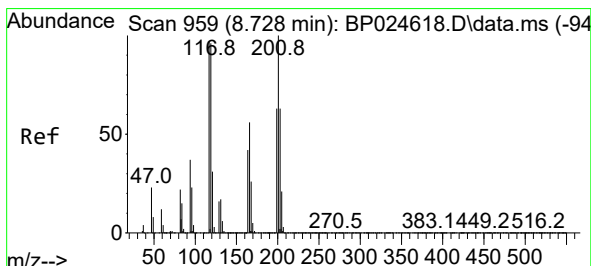
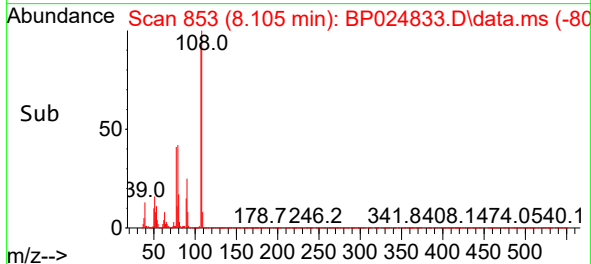
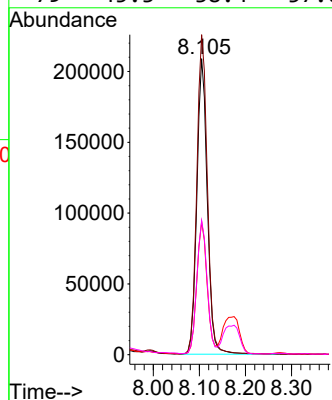
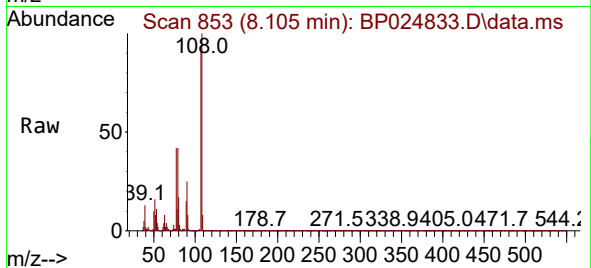
#17
2-Methylphenol
Concen: 46.820 ng
RT: 8.105 min Scan# 854
Delta R.T. 0.000 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD

Tgt Ion:107 Resp: 328550
Ion Ratio Lower Upper
107 100
108 108.1 88.9 133.3
77 44.9 39.0 58.6
79 45.3 38.4 57.6

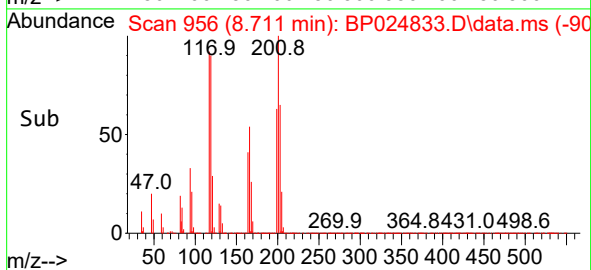
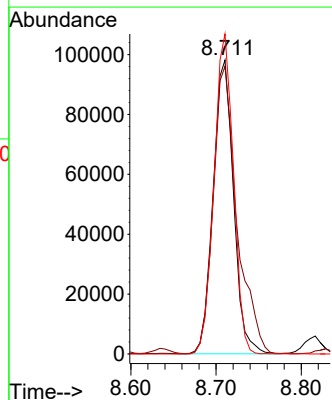
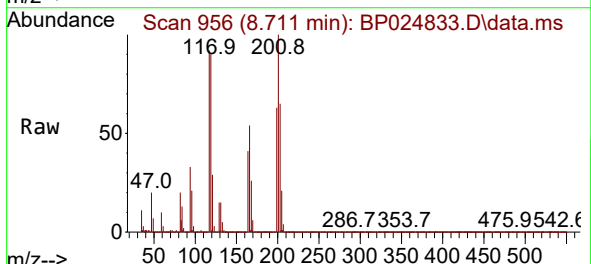
Manual Integrations
APPROVED

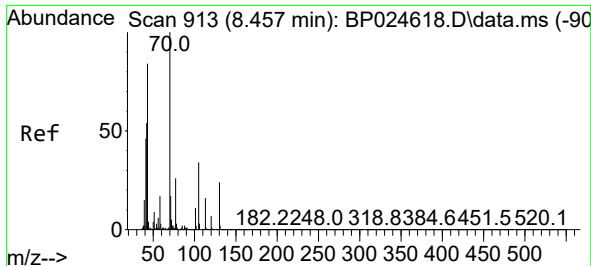
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025



#18
Hexachloroethane
Concen: 43.763 ng
RT: 8.711 min Scan# 956
Delta R.T. 0.006 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

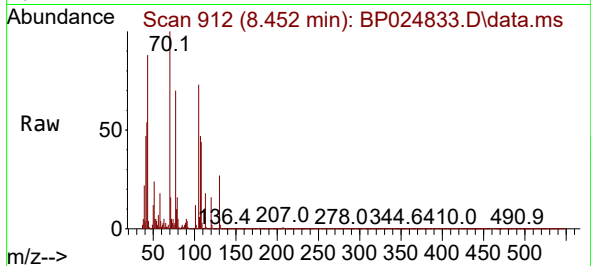
Tgt Ion:117 Resp: 163618
Ion Ratio Lower Upper
117 100
119 97.9 79.4 119.0
201 108.9 82.7 124.1





#19
n-Nitroso-di-n-propylamine
Concen: 38.912 ng
RT: 8.452 min Scan# 913
Delta R.T. 0.006 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

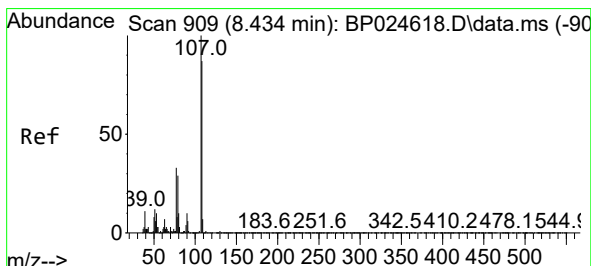
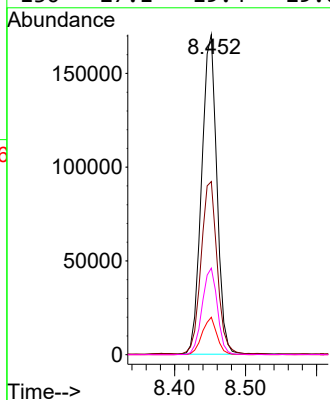
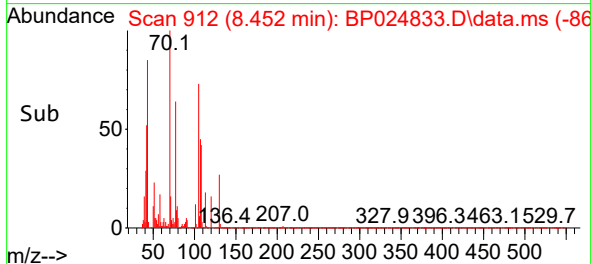
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD



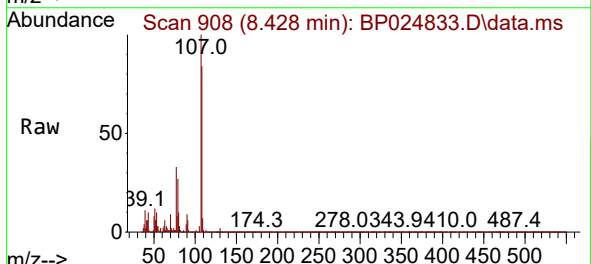
Tgt Ion: 70 Resp: 25515
Ion Ratio Lower Upper
70 100
42 54.1 43.0 64.6
101 11.7 8.7 13.1
130 27.1 19.4 29.0

Manual Integrations
APPROVED

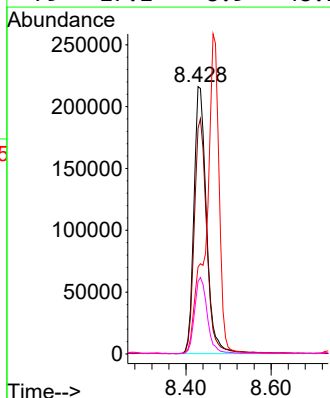
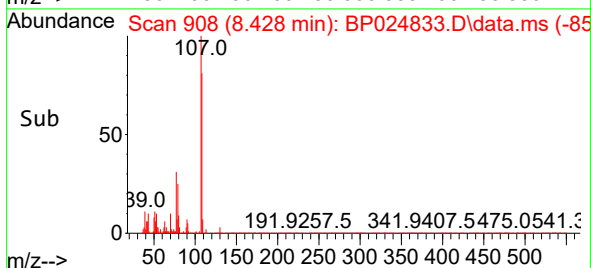
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025

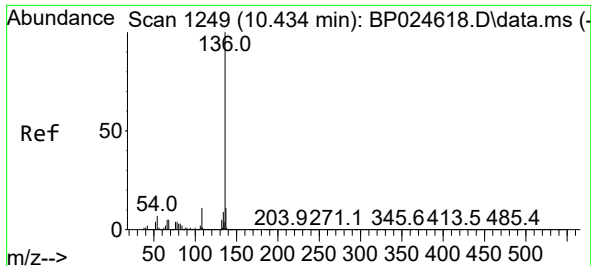


#20
3+4-Methylphenols
Concen: 46.363 ng
RT: 8.428 min Scan# 908
Delta R.T. 0.000 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47



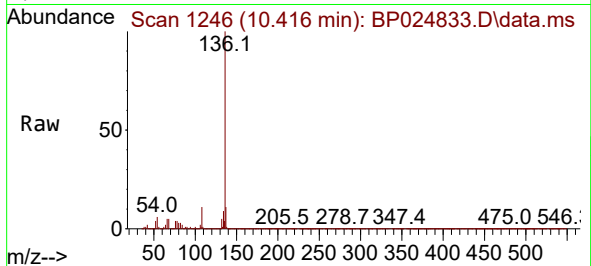
Tgt Ion:107 Resp: 442555
Ion Ratio Lower Upper
107 100
108 84.5 66.7 106.7
77 32.6 13.1 53.1
79 27.2 8.9 48.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.416 min Scan# 1246
Delta R.T. 0.006 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

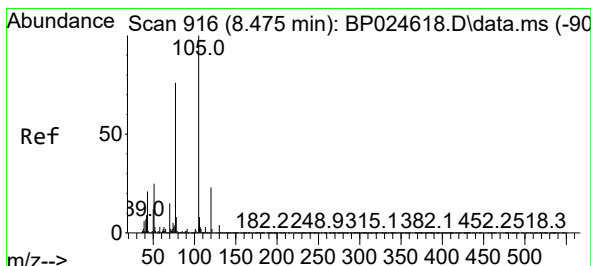
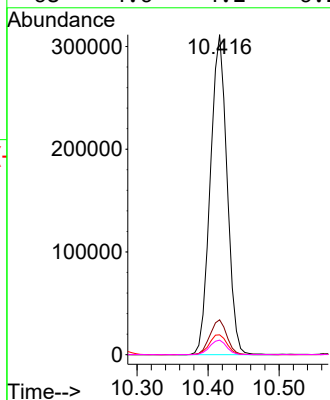
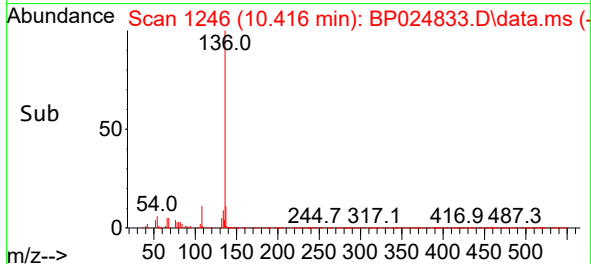
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD



Tgt Ion:136 Resp: 508304
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.2 5.5 8.3
68 4.6 4.2 6.2

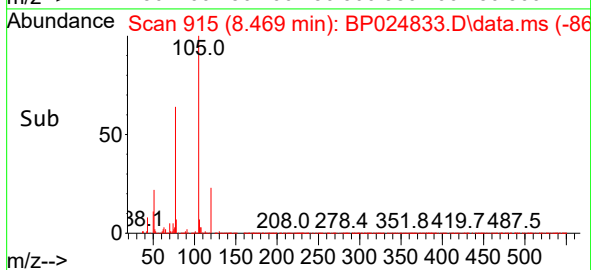
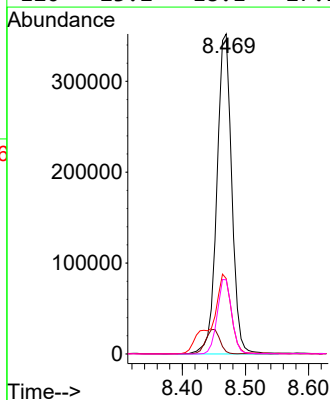
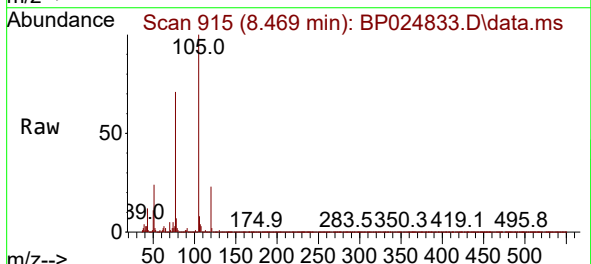
Manual Integrations
APPROVED

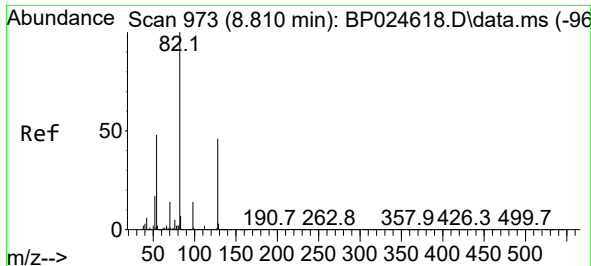
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025



#22
Acetophenone
Concen: 45.242 ng
RT: 8.469 min Scan# 915
Delta R.T. 0.006 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

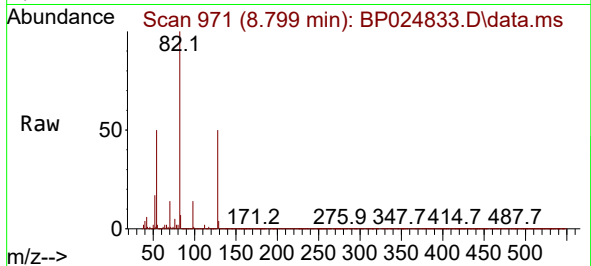
Tgt Ion:105 Resp: 574444
Ion Ratio Lower Upper
105 100
71 0.8 2.0 3.0#
51 23.5 20.4 30.6
120 23.2 18.1 27.1





#23
Nitrobenzene-d5
Concen: 58.961 ng
RT: 8.799 min Scan# 971
Delta R.T. 0.000 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

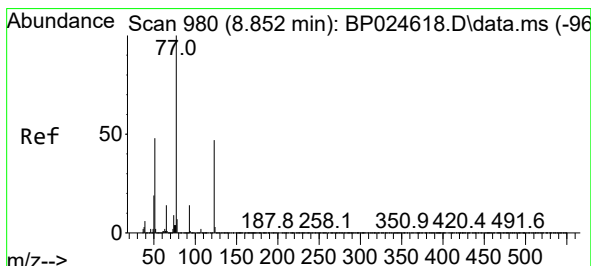
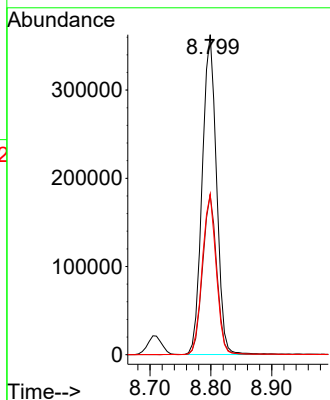
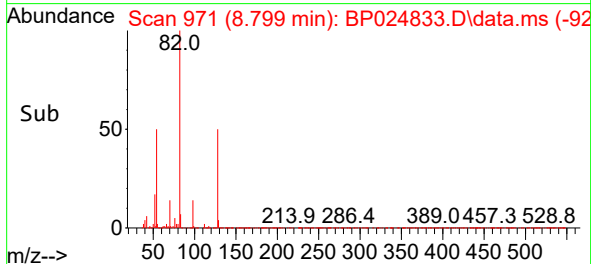
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD



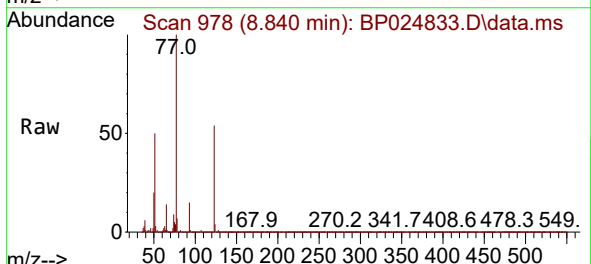
Tgt Ion: 82 Resp: 593154
Ion Ratio Lower Upper
82 100
128 50.0 37.0 55.4
54 50.1 38.7 58.1

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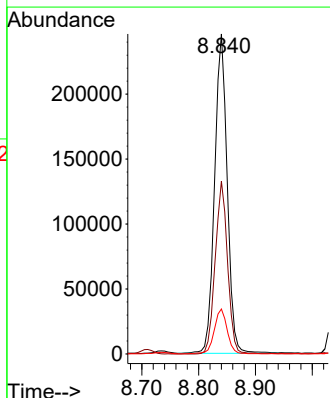
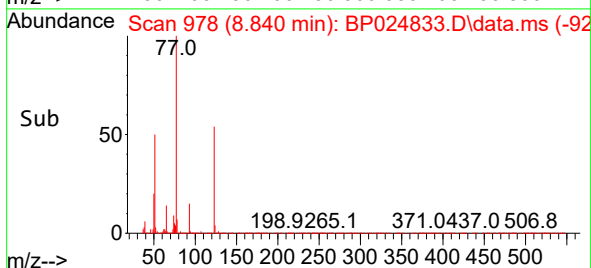
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025

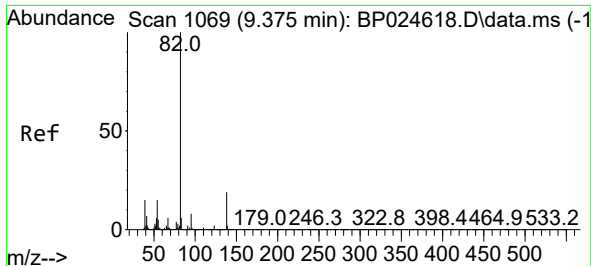


#24
Nitrobenzene
Concen: 42.736 ng
RT: 8.840 min Scan# 978
Delta R.T. 0.006 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47



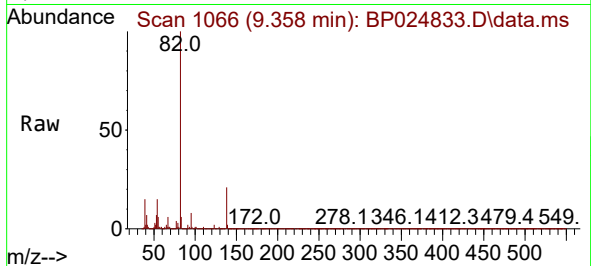
Tgt Ion: 77 Resp: 378347
Ion Ratio Lower Upper
77 100
123 54.0 37.4 56.0
65 14.0 11.3 16.9





#25
Isophorone
Concen: 41.681 ng
RT: 9.358 min Scan# 1066
Delta R.T. 0.000 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

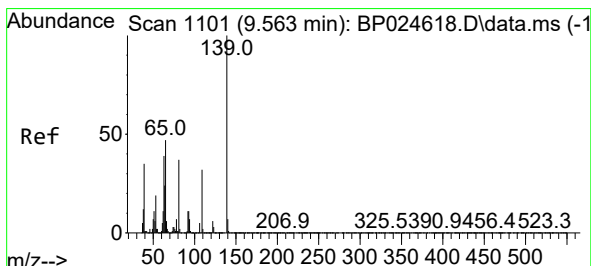
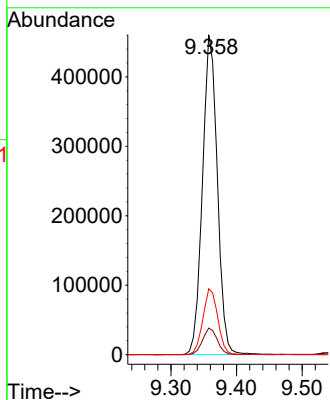
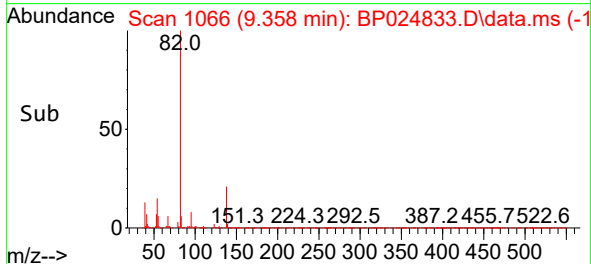
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD



Tgt Ion: 82 Resp: 727362
Ion Ratio Lower Upper
82 100
95 8.3 6.3 9.5
138 20.6 15.3 22.9

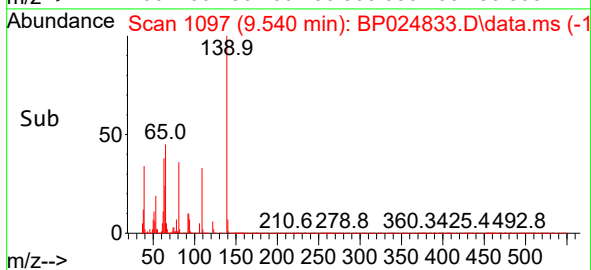
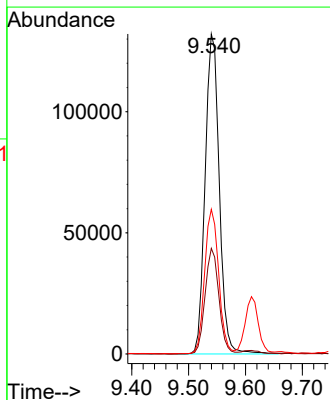
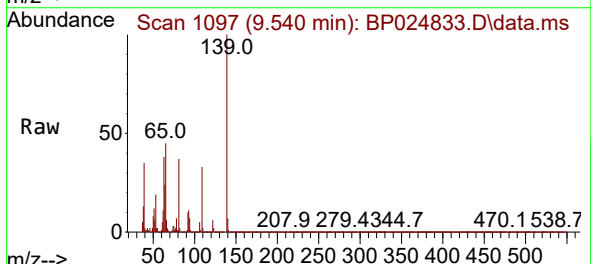
Manual Integrations
APPROVED

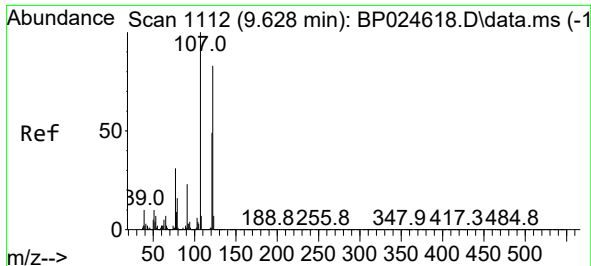
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025



#26
2-Nitrophenol
Concen: 52.461 ng
RT: 9.540 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

Tgt Ion:139 Resp: 227585
Ion Ratio Lower Upper
139 100
109 33.0 25.9 38.9
65 45.2 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 48.947 ng

RT: 9.610 min Scan# 1112

Delta R.T. 0.000 min

Lab File: BP024833.D

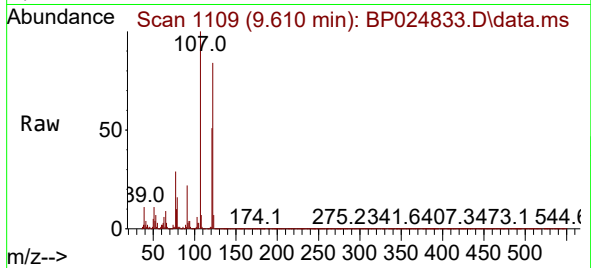
Acq: 29 May 2025 17:47

Instrument :

BNA_P

ClientSampleId :

OR-646-COMP-52MSD



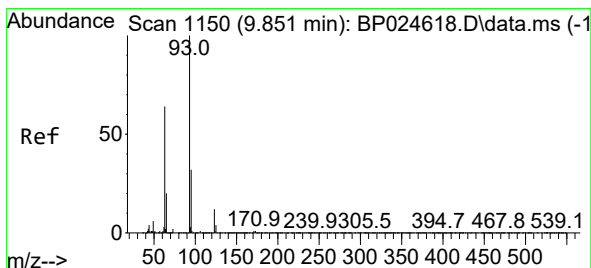
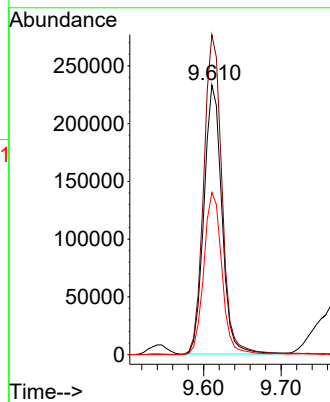
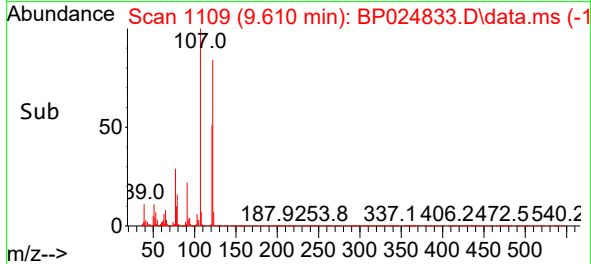
Tgt Ion	Ratio	Lower	Upper
122	100		
107	118.6	96.2	144.2
121	60.1	47.6	71.4

Manual Integrations

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Reviewed By :Rahul Chavli 05/30/2025

Supervised By :Jagrut Upadhyay 05/30/2025



#28

bis(2-Chloroethoxy)methane

Concen: 42.567 ng

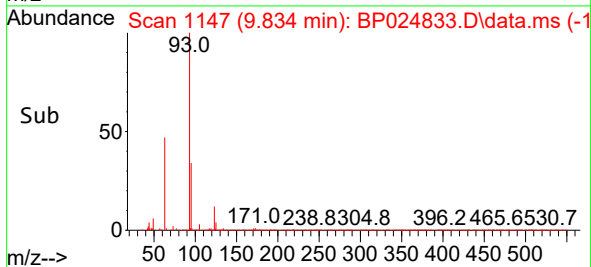
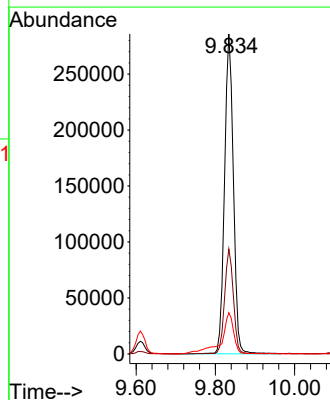
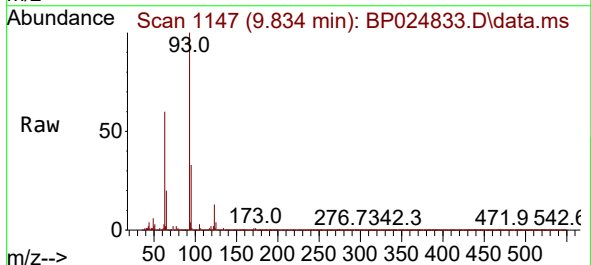
RT: 9.834 min Scan# 1147

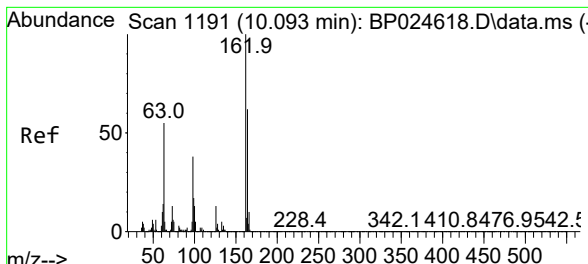
Delta R.T. 0.000 min

Lab File: BP024833.D

Acq: 29 May 2025 17:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.5	38.3
123	12.9	9.7	14.5





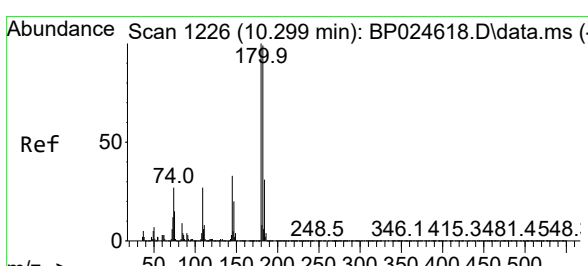
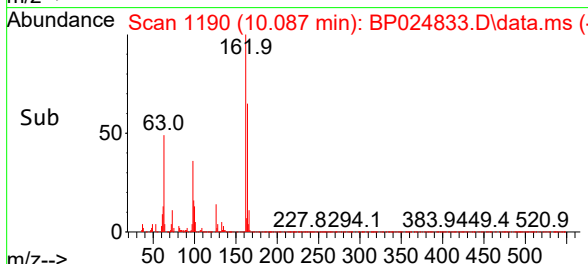
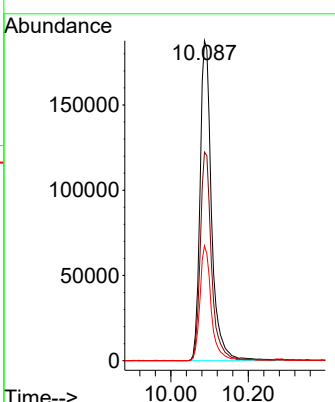
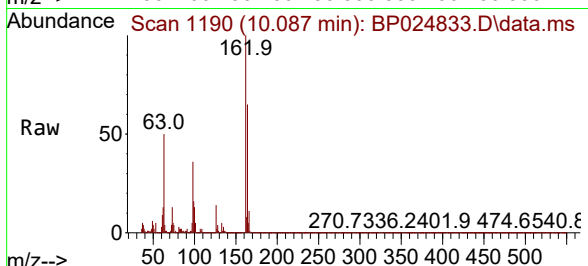
#29
2,4-Dichlorophenol
Concen: 52.295 ng
RT: 10.087 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD

Tgt Ion:	162	Resp:	387604
Ion Ratio	Lower	Upper	
162	100		
164	65.2	42.3	82.3
98	35.9	18.4	58.4

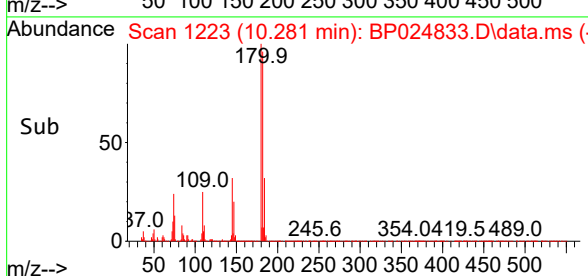
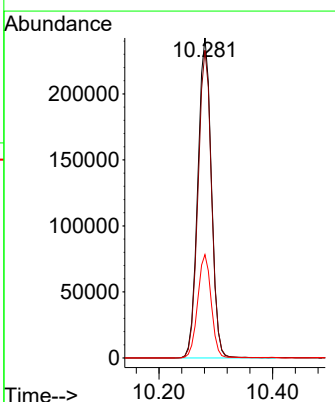
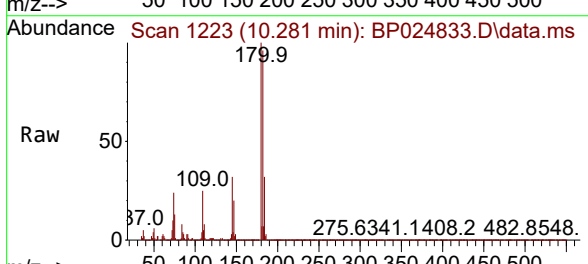
Manual Integrations
APPROVED

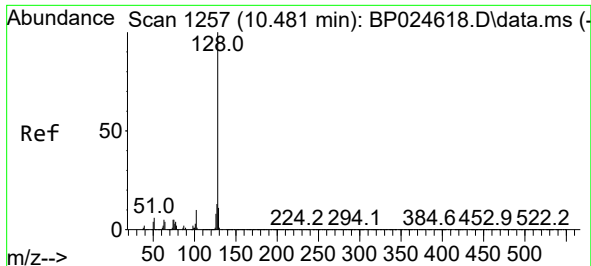
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025



#30
1,2,4-Trichlorobenzene
Concen: 48.000 ng
RT: 10.281 min Scan# 1223
Delta R.T. 0.006 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

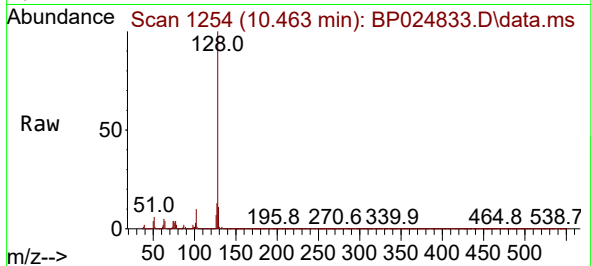
Tgt Ion:	180	Resp:	400915
Ion Ratio	Lower	Upper	
180	100		
182	96.1	79.0	118.4
145	32.3	26.6	39.8





#31
Naphthalene
Concen: 47.162 ng
RT: 10.463 min Scan# 1142
Delta R.T. 0.000 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

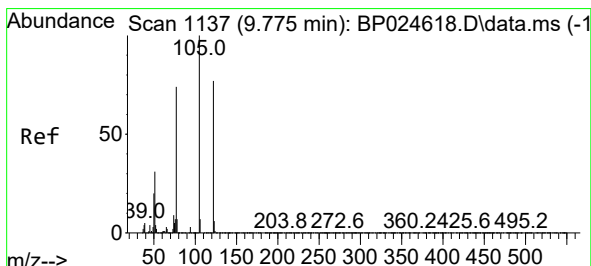
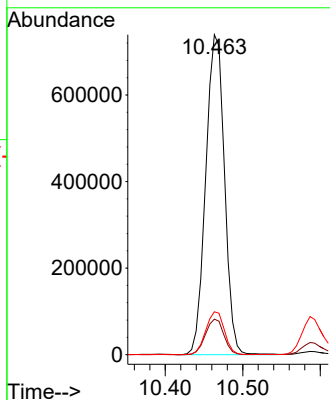
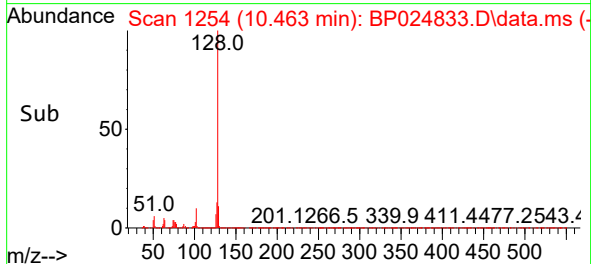
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD



Tgt Ion:128 Resp: 1242280
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.4 10.7 16.1

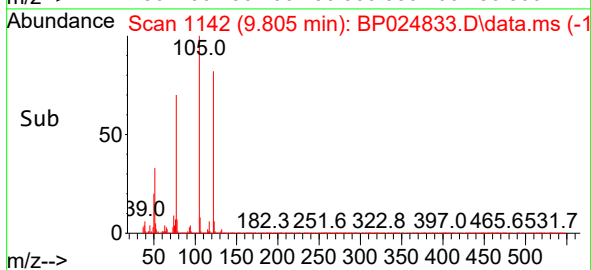
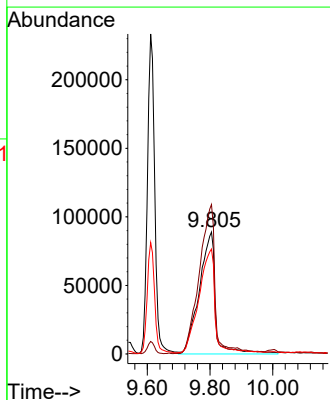
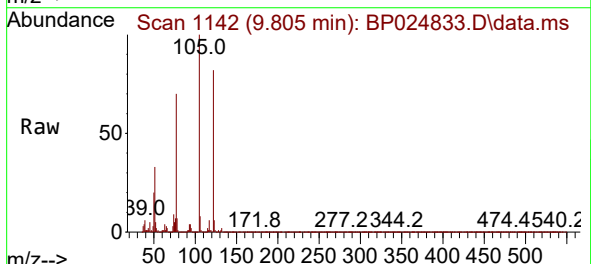
Manual Integrations
APPROVED

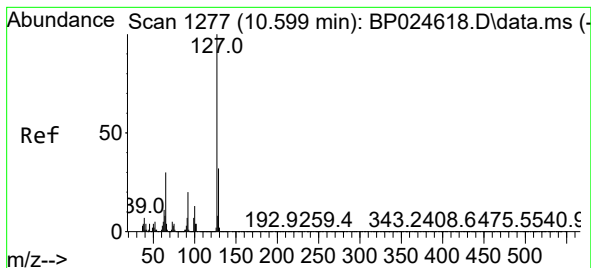
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025



#32
Benzoic acid
Concen: 58.195 ng m
RT: 9.805 min Scan# 1142
Delta R.T. 0.012 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

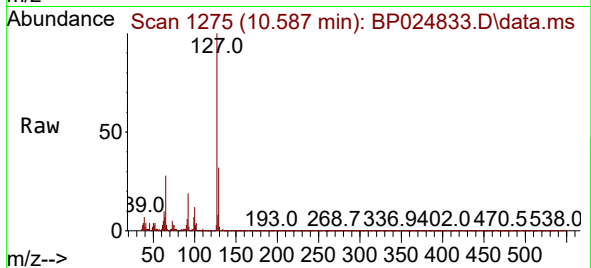
Tgt Ion:122 Resp: 319873
Ion Ratio Lower Upper
122 100
105 122.5 106.9 146.9
77 86.1 75.1 115.1





#33
4-Chloroaniline
Concen: 16.840 ng
RT: 10.587 min Scan# 1275
Delta R.T. 0.006 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

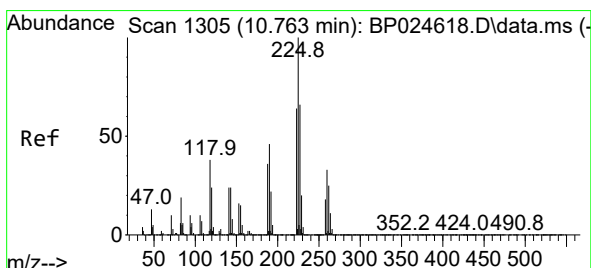
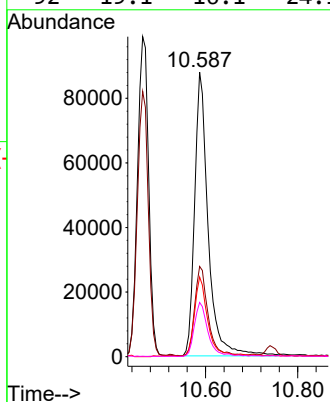
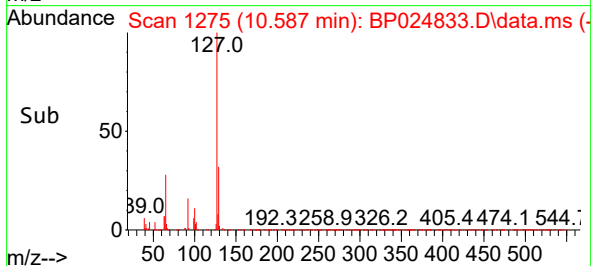
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD



Tgt Ion:127 Resp: 178998
Ion Ratio Lower Upper
127 100
129 31.7 25.8 38.6
65 28.0 23.9 35.9
92 19.1 16.1 24.1

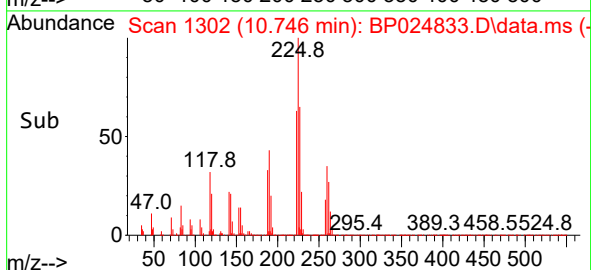
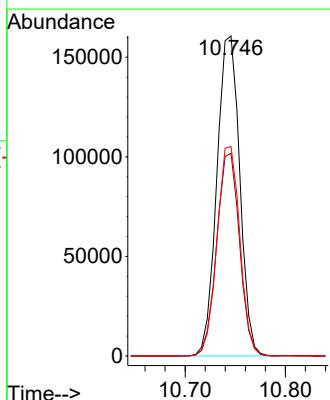
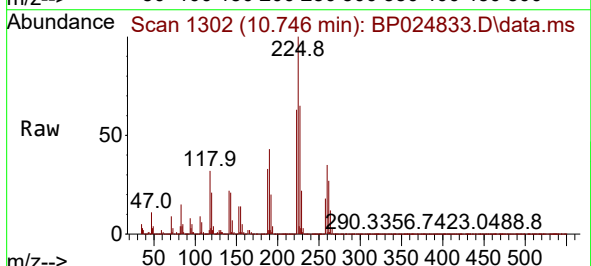
Manual Integrations
APPROVED

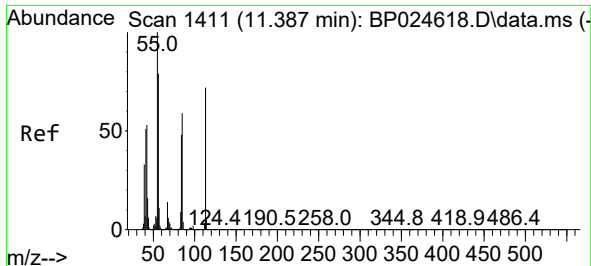
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025



#34
Hexachlorobutadiene
Concen: 46.956 ng
RT: 10.746 min Scan# 1302
Delta R.T. 0.006 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

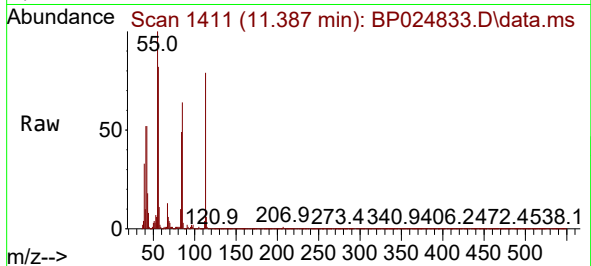
Tgt Ion:225 Resp: 254065
Ion Ratio Lower Upper
225 100
223 63.3 51.0 76.6
227 65.5 53.1 79.7





#35
Caprolactam
Concen: 48.211 ng
RT: 11.387 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

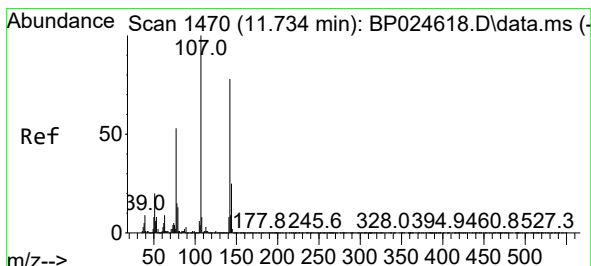
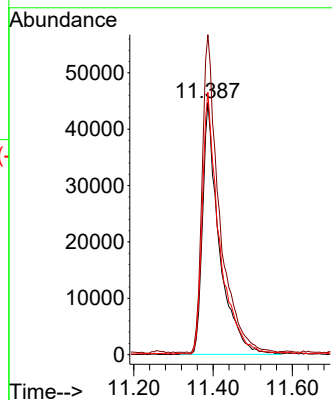
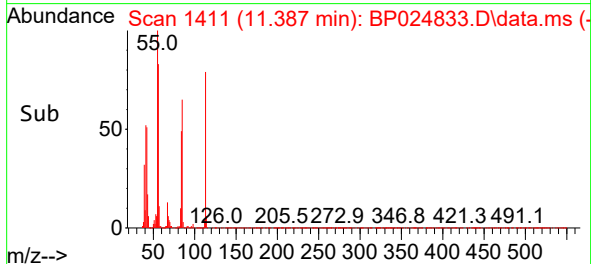
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD



Tgt Ion:113 Resp: 129285
Ion Ratio Lower Upper
113 100
55 126.9 119.0 159.0
56 104.1 90.3 130.3

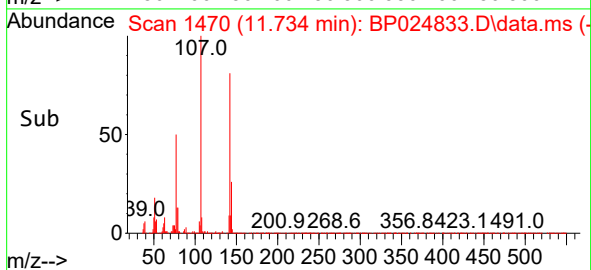
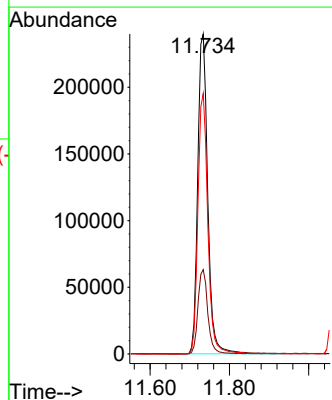
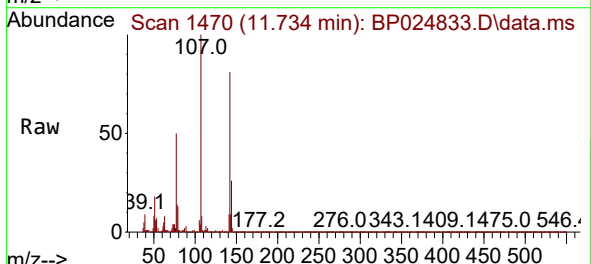
Manual Integrations
APPROVED

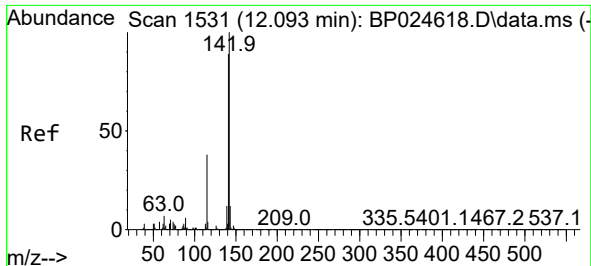
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025



#36
4-Chloro-3-methylphenol
Concen: 46.462 ng
RT: 11.734 min Scan# 1470
Delta R.T. 0.006 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

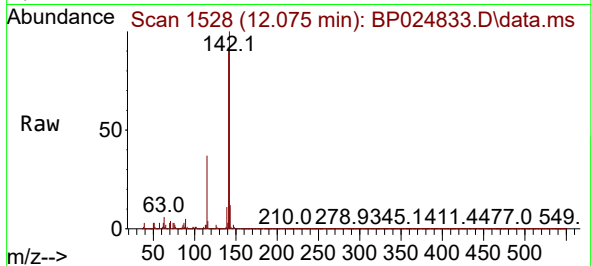
Tgt Ion:107 Resp: 419959
Ion Ratio Lower Upper
107 100
144 26.3 20.1 30.1
142 81.4 62.1 93.1





#37
2-Methylnaphthalene
Concen: 46.149 ng
RT: 12.075 min Scan# 1528
Delta R.T. 0.000 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

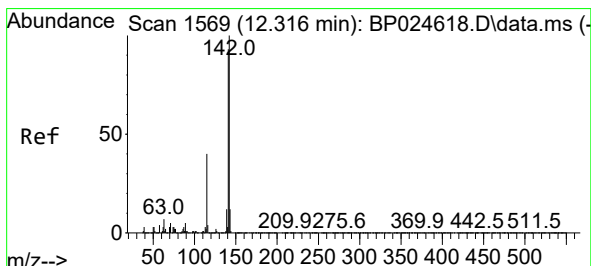
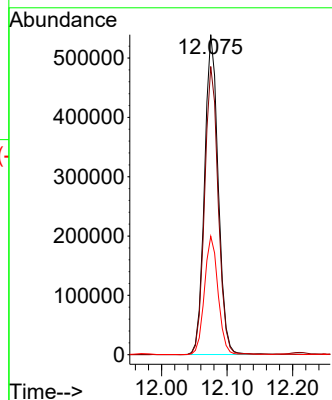
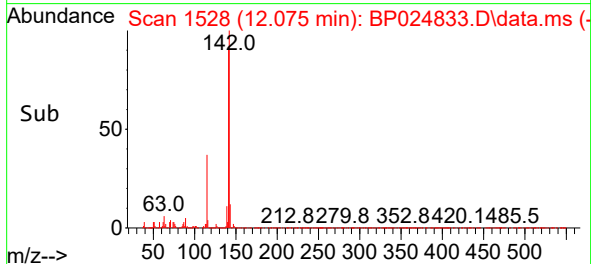
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD



Tgt Ion:142 Resp: 78712
Ion Ratio Lower Upper
142 100
141 90.0 71.2 106.8
115 37.0 30.6 46.0

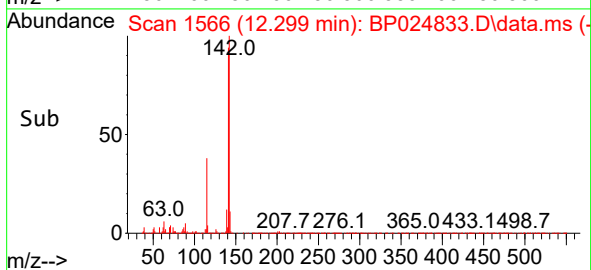
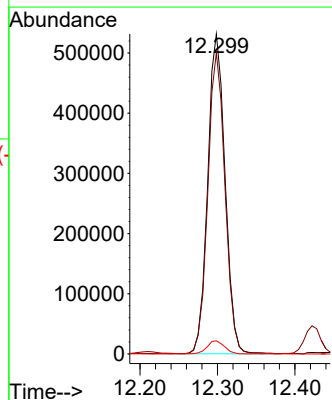
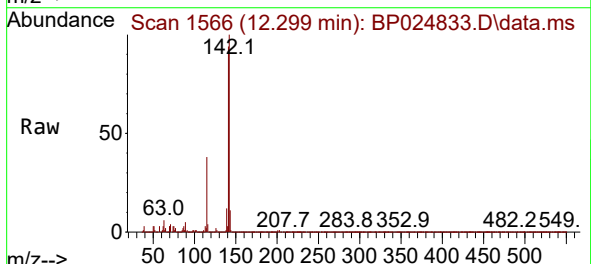
Manual Integrations
APPROVED

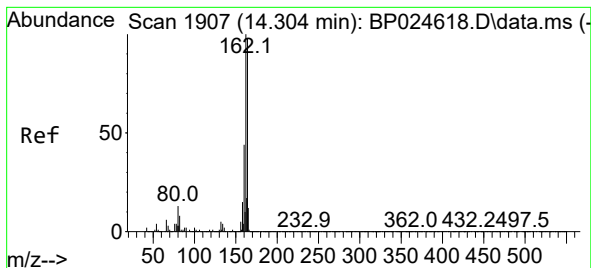
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025



#38
1-Methylnaphthalene
Concen: 45.148 ng
RT: 12.299 min Scan# 1566
Delta R.T. 0.006 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

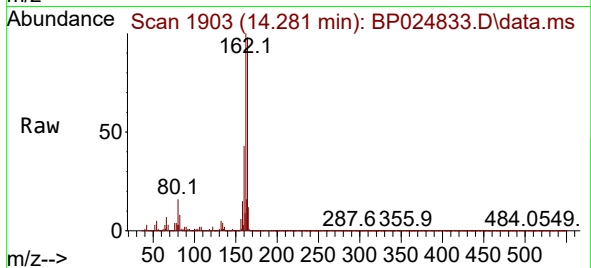
Tgt Ion:142 Resp: 823925
Ion Ratio Lower Upper
142 100
141 94.2 74.7 112.1
116 4.1 3.4 5.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.281 min Scan# 1903
Delta R.T. 0.006 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

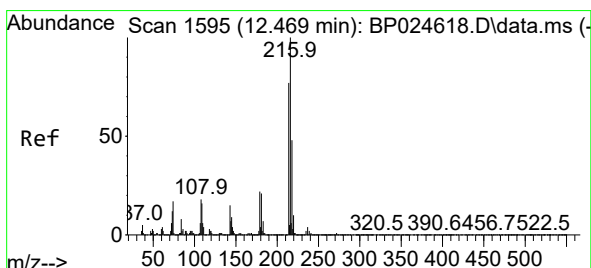
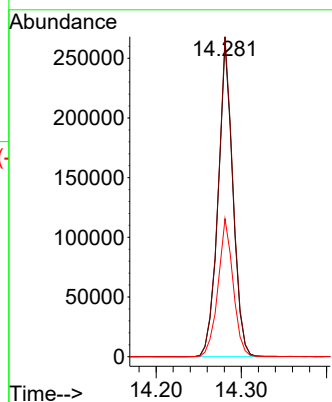
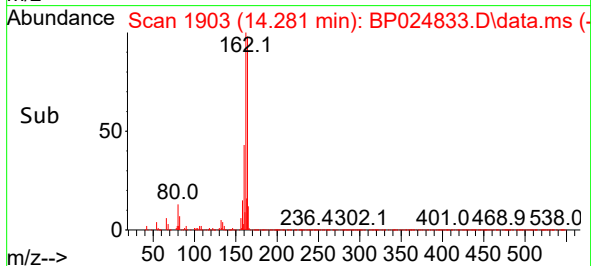
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD



Tgt Ion:164 Resp: 317079
Ion Ratio Lower Upper
164 100
162 102.0 81.8 122.6
160 44.0 36.3 54.5

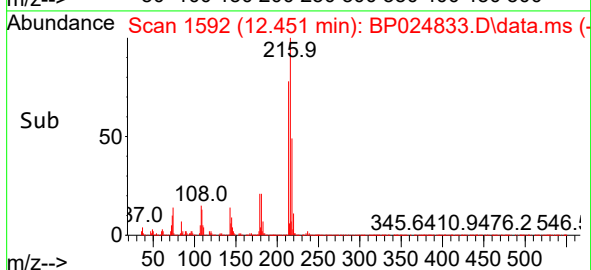
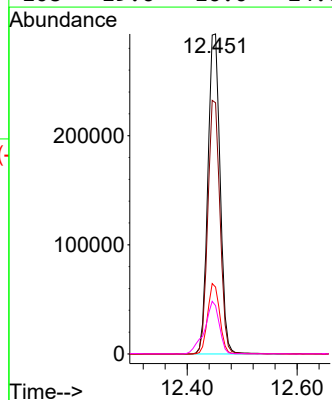
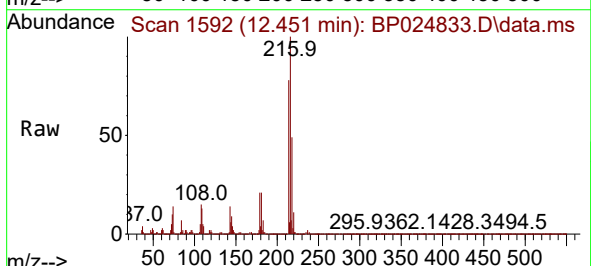
Manual Integrations
APPROVED

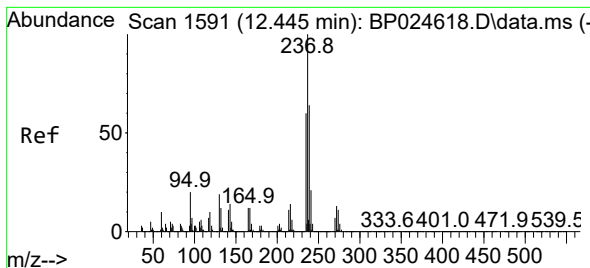
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.253 ng
RT: 12.451 min Scan# 1592
Delta R.T. 0.006 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

Tgt Ion:216 Resp: 453499
Ion Ratio Lower Upper
216 100
214 78.7 62.3 93.5
179 21.6 17.7 26.5
108 19.6 16.0 24.0





#41

Hexachlorocyclopentadiene

Concen: 100.813 ng

RT: 12.422 min Scan# 1587

Delta R.T. 0.000 min

Lab File: BP024833.D

Acq: 29 May 2025 17:47

Instrument :

BNA_P

ClientSampleId :

OR-646-COMP-52MSD

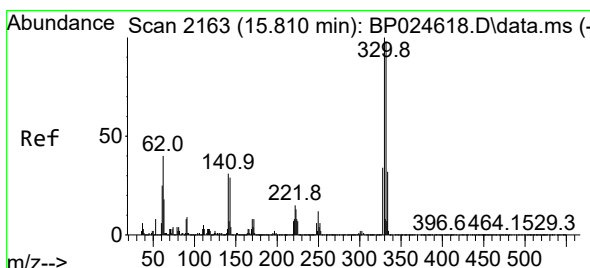
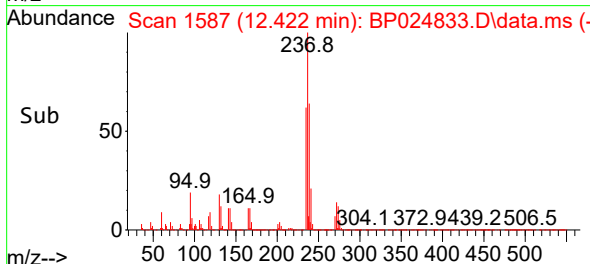
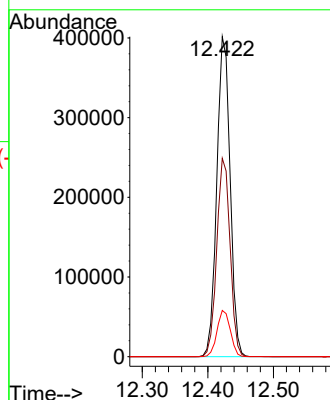
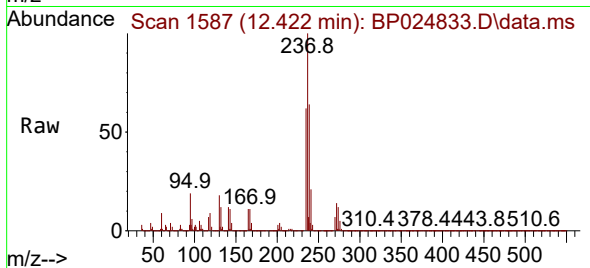
Tgt Ion: 237	Resp: 56285
Ion Ratio	Lower Upper
237 100	
235 62.0	39.9 79.9
272 14.4	0.0 33.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/30/2025

Supervised By :Jagrut Upadhyay 05/30/2025



#42

2,4,6-Tribromophenol

Concen: 117.885 ng

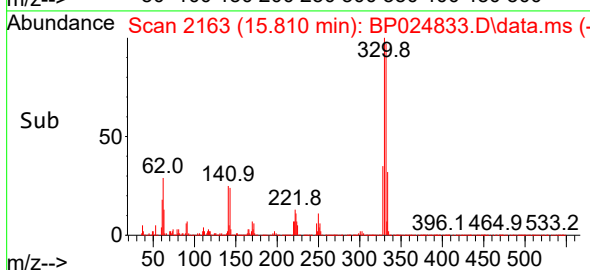
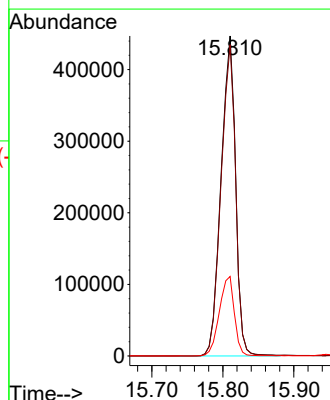
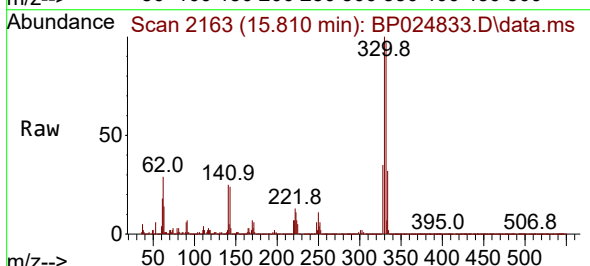
RT: 15.810 min Scan# 2163

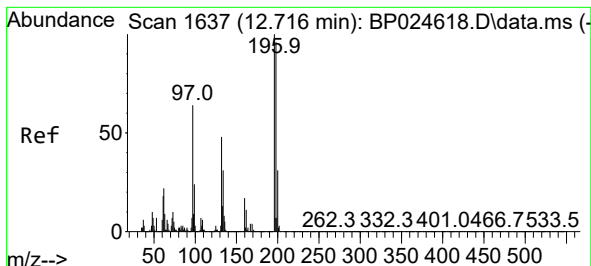
Delta R.T. 0.024 min

Lab File: BP024833.D

Acq: 29 May 2025 17:47

Tgt Ion: 330	Resp: 633682
Ion Ratio	Lower Upper
330 100	
332 97.9	78.2 117.4
141 25.7	24.3 36.5





#43

2,4,6-Trichlorophenol

Concen: 52.605 ng

RT: 12.704 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP024833.D

Acq: 29 May 2025 17:47

Instrument :

BNA_P

ClientSampleId :

OR-646-COMP-52MSD

Tgt Ion:196 Resp: 31373

Ion Ratio Lower Upper

196 100

198 96.8 76.9 115.3

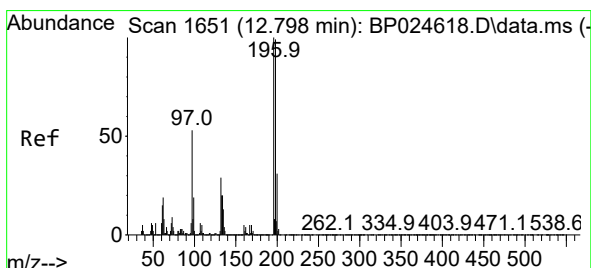
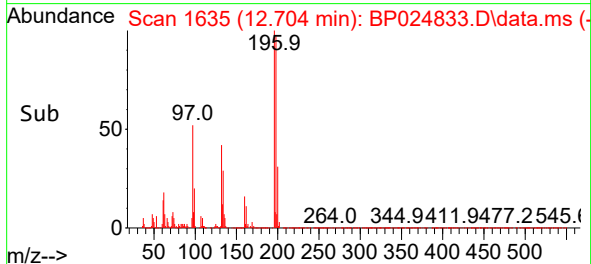
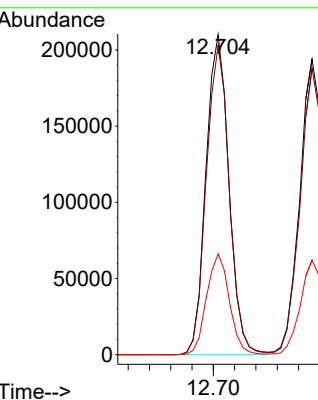
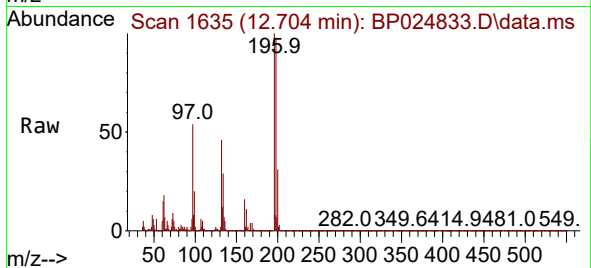
200 31.5 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/30/2025

Supervised By :Jagrut Upadhyay 05/30/2025



#44

2,4,5-Trichlorophenol

Concen: 52.793 ng

RT: 12.793 min Scan# 1650

Delta R.T. 0.000 min

Lab File: BP024833.D

Acq: 29 May 2025 17:47

Tgt Ion:196 Resp: 350471

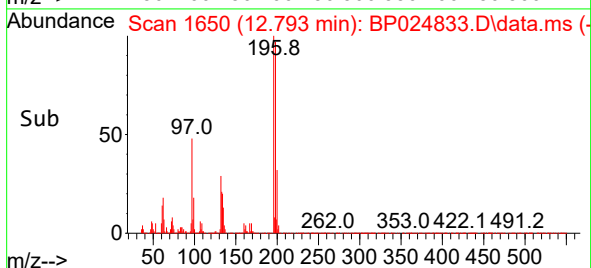
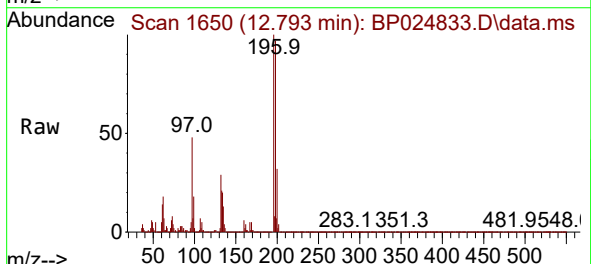
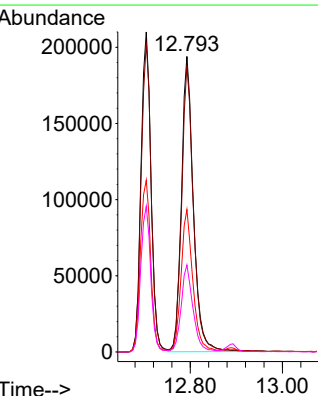
Ion Ratio Lower Upper

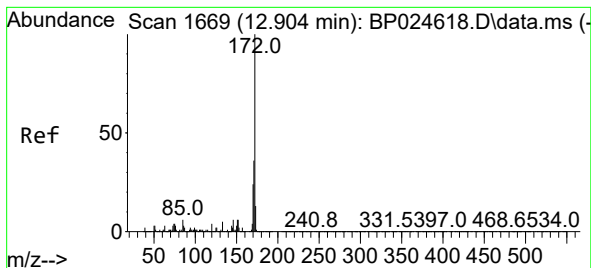
196 100

198 96.9 79.2 118.8

97 48.2 42.3 63.5

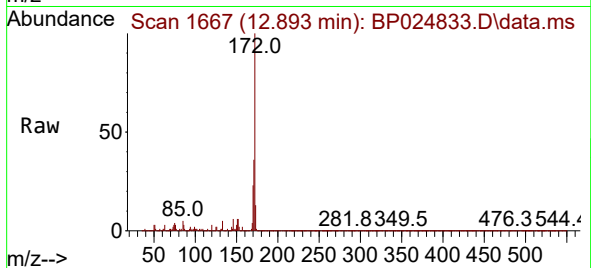
132 29.4 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 59.815 ng
RT: 12.893 min Scan# 1667
Delta R.T. 0.012 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

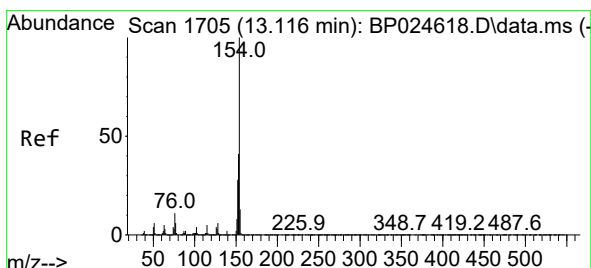
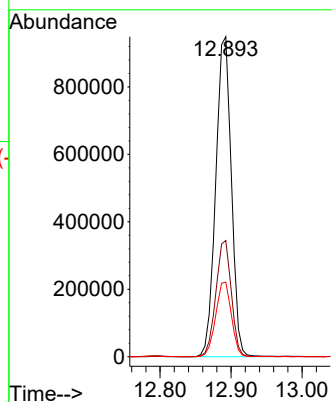
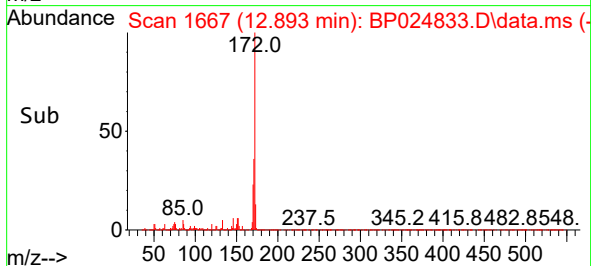
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD



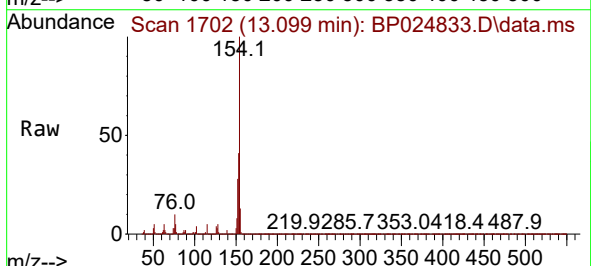
Tgt Ion:172 Resp: 144765
Ion Ratio Lower Upper
172 100
171 36.3 28.8 43.2
170 23.3 18.8 28.2

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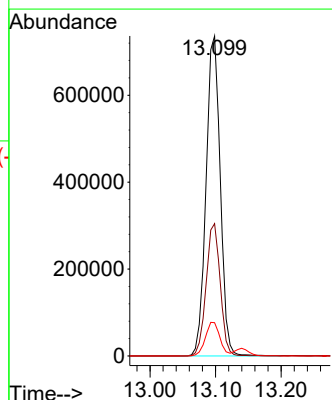
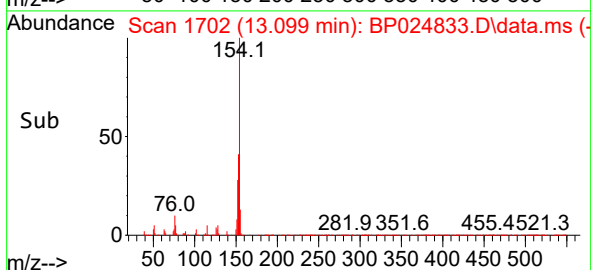
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025

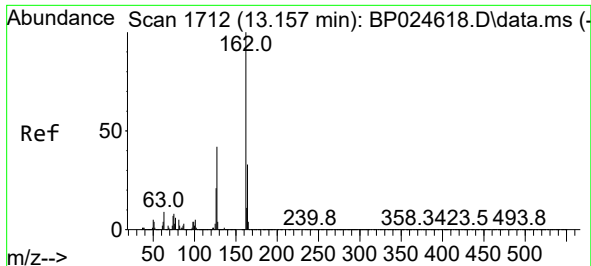


#46
1,1'-Biphenyl
Concen: 47.415 ng
RT: 13.099 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47



Tgt Ion:154 Resp: 1111205
Ion Ratio Lower Upper
154 100
153 41.4 21.0 61.0
76 10.4 0.0 31.5





#47

2-Chloronaphthalene

Concen: 47.529 ng

RT: 13.140 min Scan# 1712

Delta R.T. 0.000 min

Lab File: BP024833.D

Acq: 29 May 2025 17:47

Instrument :

BNA_P

ClientSampleId :

OR-646-COMP-52MSD

Tgt Ion:162 Resp: 849302

Ion Ratio Lower Upper

162 100

127 42.5 33.8 50.6

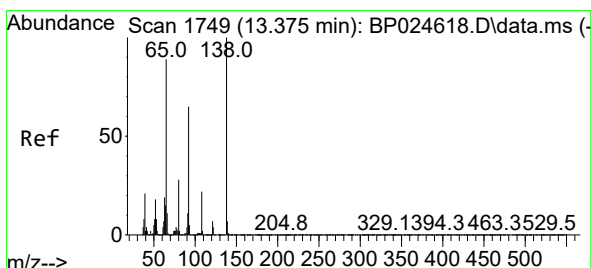
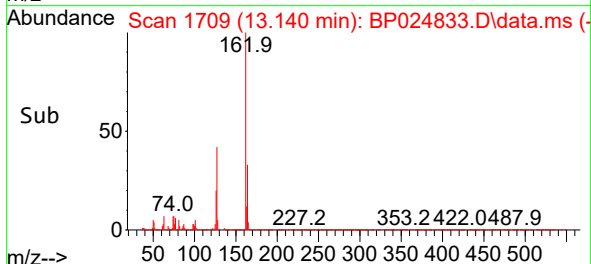
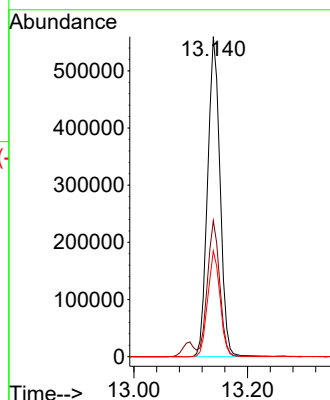
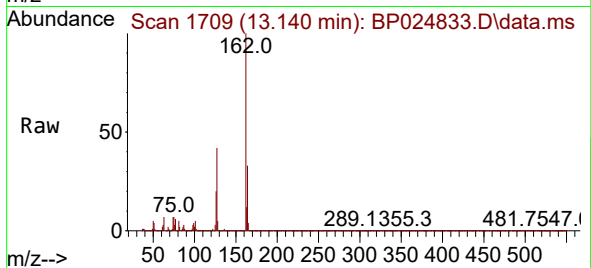
164 33.1 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/30/2025

Supervised By :Jagrut Upadhyay 05/30/2025



#48

2-Nitroaniline

Concen: 45.383 ng

RT: 13.357 min Scan# 1746

Delta R.T. 0.000 min

Lab File: BP024833.D

Acq: 29 May 2025 17:47

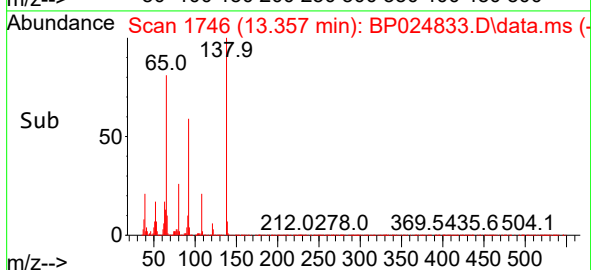
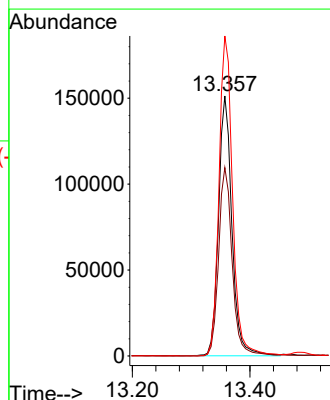
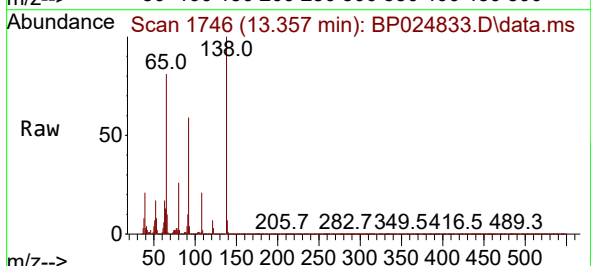
Tgt Ion: 65 Resp: 240092

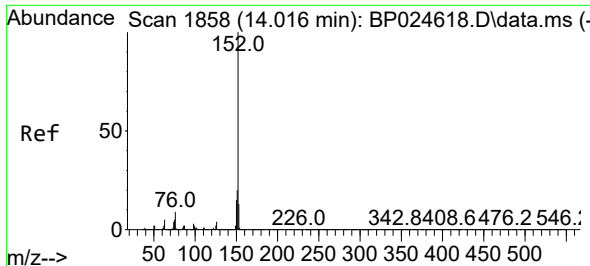
Ion Ratio Lower Upper

65 100

92 72.4 58.7 88.1

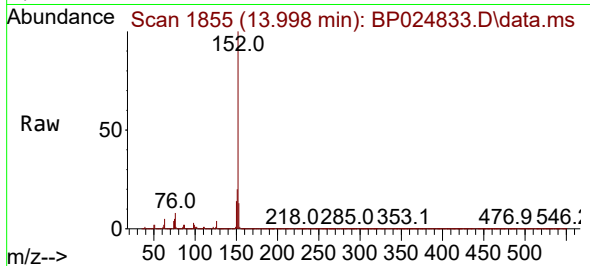
138 123.1 90.2 135.2





#49
Acenaphthylene
Concen: 46.457 ng
RT: 13.998 min Scan# 1855
Delta R.T. 0.006 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

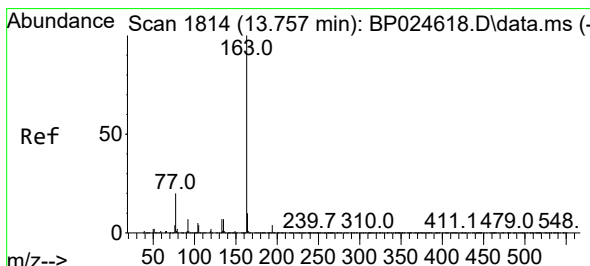
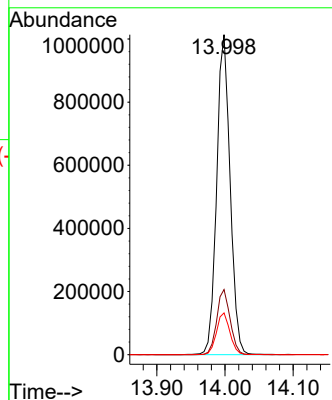
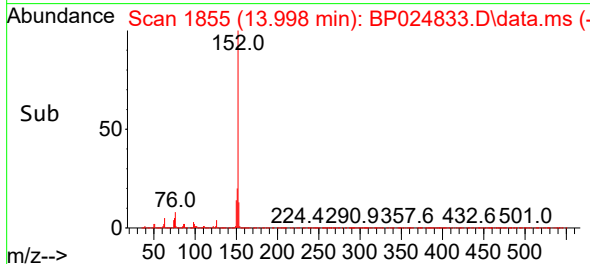
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD



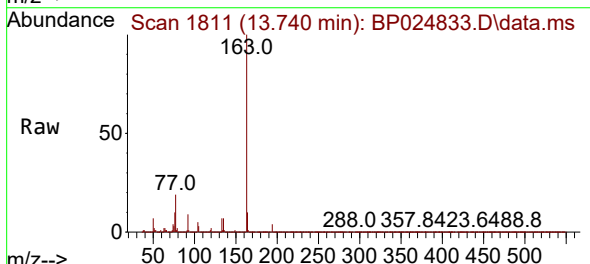
Tgt Ion:152 Resp: 1389210
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.0 10.2 15.4

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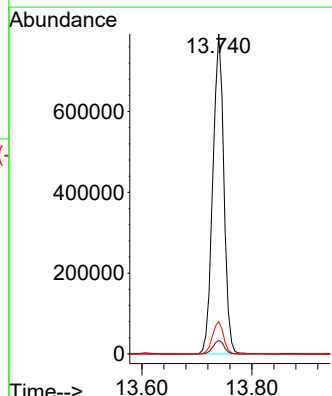
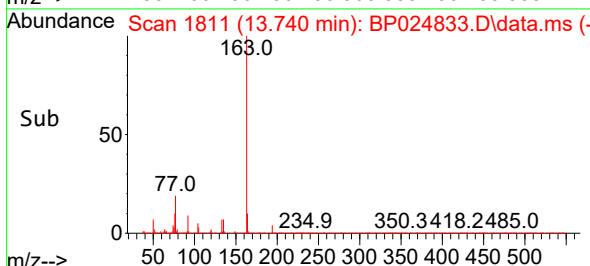
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025

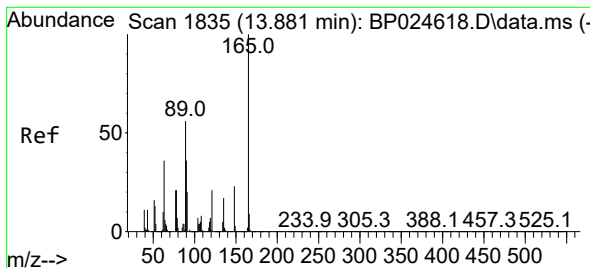


#50
Dimethylphthalate
Concen: 45.657 ng
RT: 13.740 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47



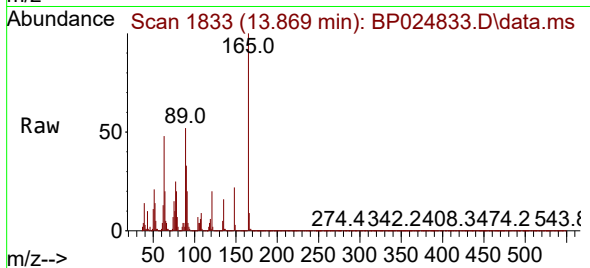
Tgt Ion:163 Resp: 1103427
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.1 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 47.235 ng
RT: 13.869 min Scan# 1833
Delta R.T. 0.012 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

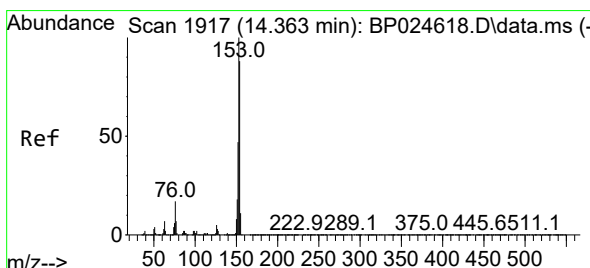
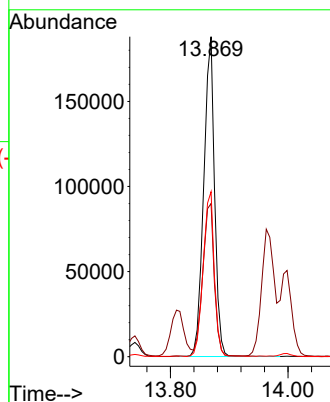
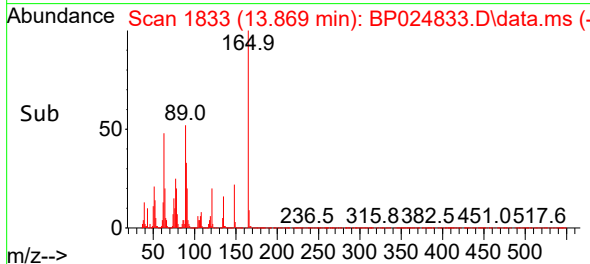
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD



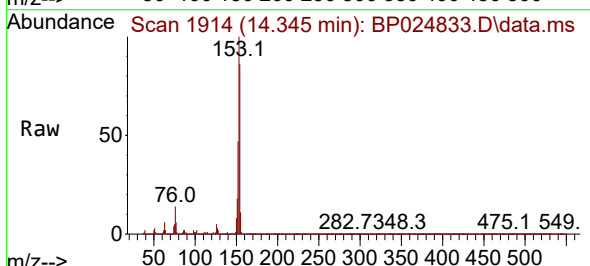
Tgt Ion:165 Resp: 241091
Ion Ratio Lower Upper
165 100
63 47.8 42.4 63.6
89 51.5 44.8 67.2

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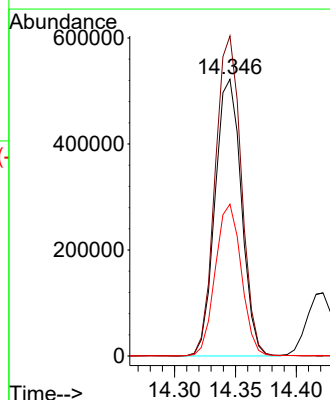
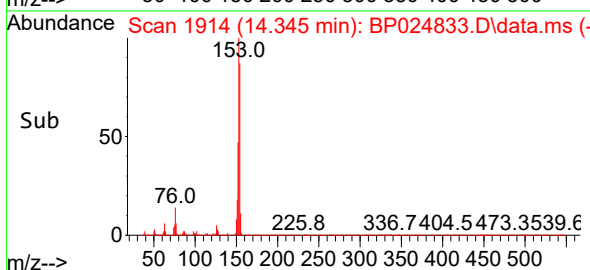
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025

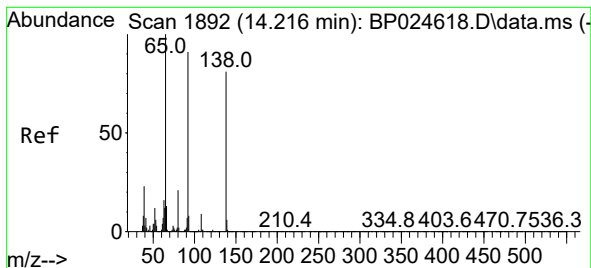


#52
Acenaphthene
Concen: 45.718 ng
RT: 14.345 min Scan# 1914
Delta R.T. 0.006 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47



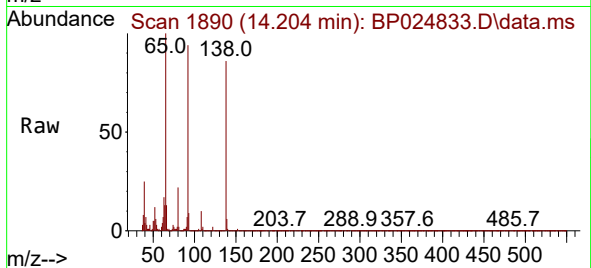
Tgt Ion:154 Resp: 785936
Ion Ratio Lower Upper
154 100
153 115.7 91.0 136.4
152 54.9 42.9 64.3





#53
3-Nitroaniline
Concen: 25.999 ng
RT: 14.204 min Scan# 1892
Delta R.T. 0.006 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

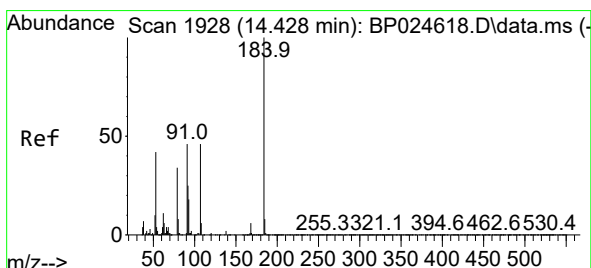
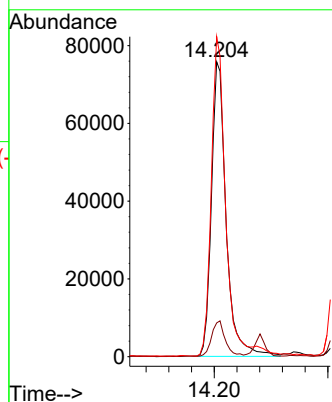
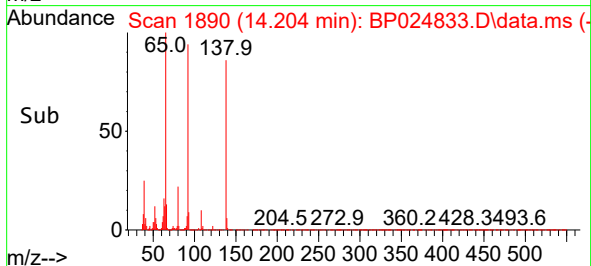
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD



Tgt Ion:138 Resp: 135498
Ion Ratio Lower Upper
138 100
108 11.4 9.0 13.4
92 108.5 90.1 135.1

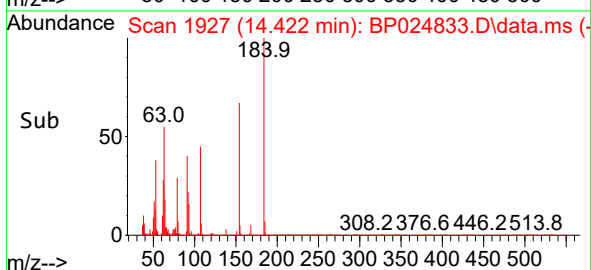
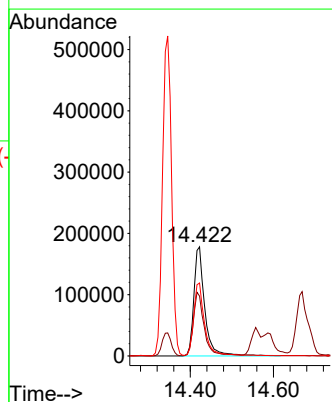
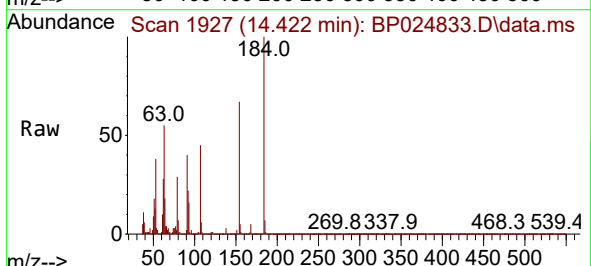
Manual Integrations
APPROVED

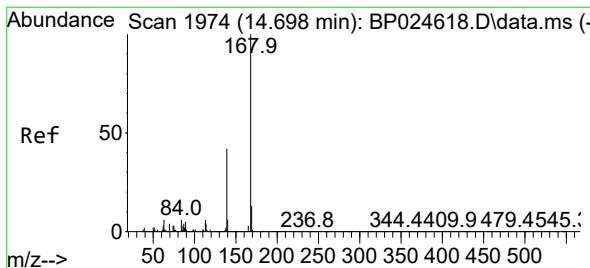
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025



#54
2,4-Dinitrophenol
Concen: 99.192 ng
RT: 14.422 min Scan# 1927
Delta R.T. 0.006 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

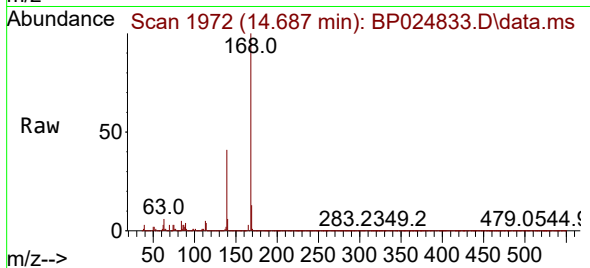
Tgt Ion:184 Resp: 324630
Ion Ratio Lower Upper
184 100
63 54.9 51.3 76.9
154 66.8 53.5 80.3





#55
Dibenzenofuran
Concen: 46.092 ng
RT: 14.687 min Scan# 1972
Delta R.T. 0.012 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

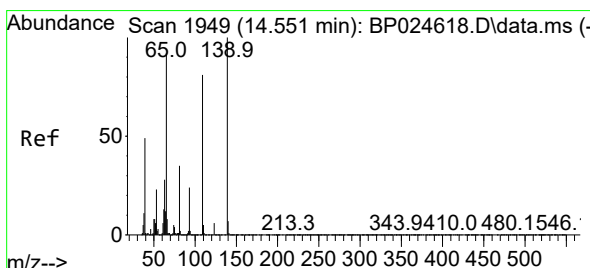
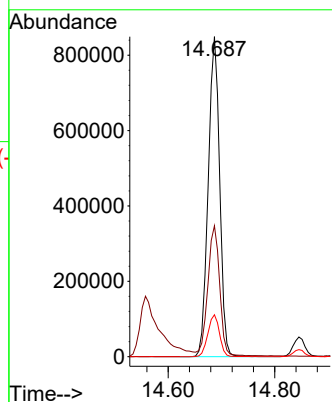
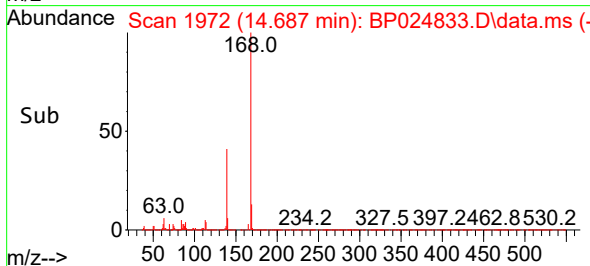
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD



Tgt Ion:168 Resp: 1263880
Ion Ratio Lower Upper
168 100
139 40.9 34.2 51.4
169 13.1 10.8 16.2

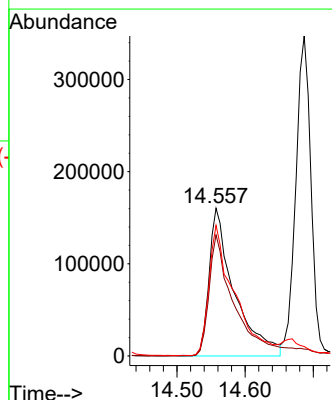
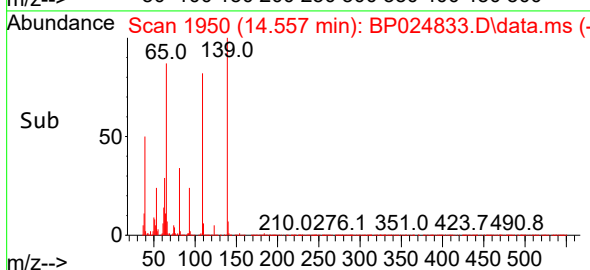
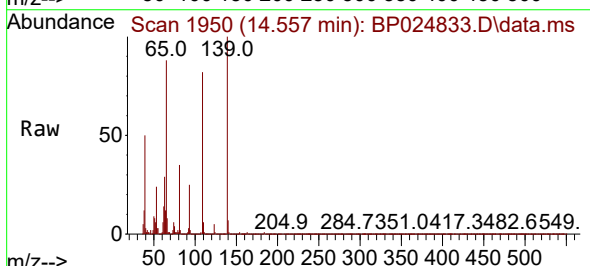
Manual Integrations
APPROVED

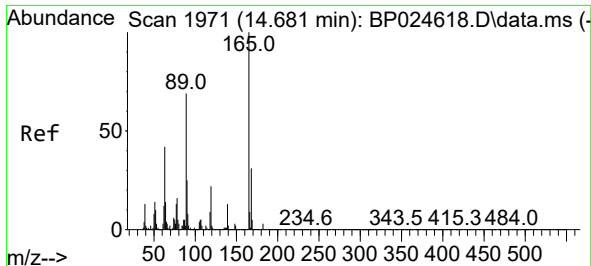
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025



#56
4-Nitrophenol
Concen: 90.305 ng
RT: 14.557 min Scan# 1950
Delta R.T. 0.000 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

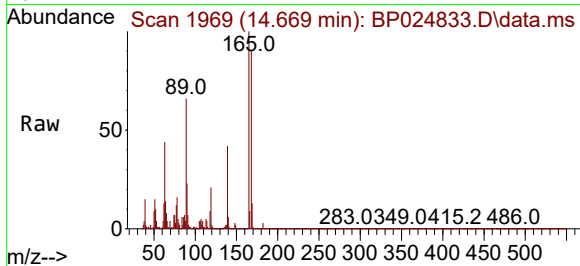
Tgt Ion:139 Resp: 410052
Ion Ratio Lower Upper
139 100
109 81.9 61.4 101.4
65 88.4 72.2 112.2





#57
2,4-Dinitrotoluene
Concen: 49.103 ng
RT: 14.669 min Scan# 1971
Delta R.T. 0.012 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

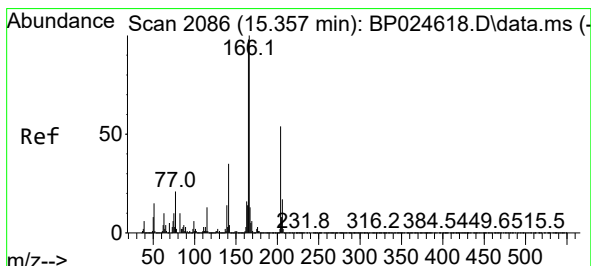
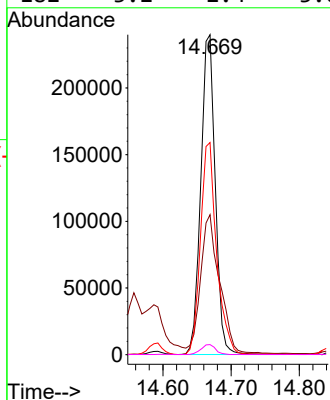
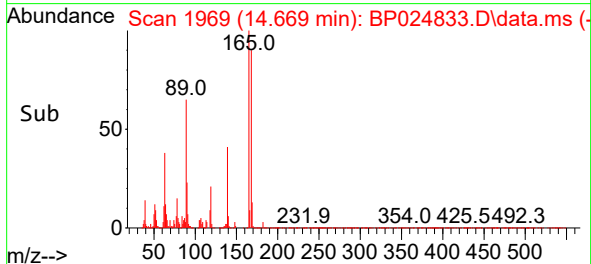
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD



Tgt Ion:165 Resp: 35334
Ion Ratio Lower Upper
165 100
63 43.7 33.8 50.6
89 66.3 55.6 83.4
182 3.2 2.4 3.6

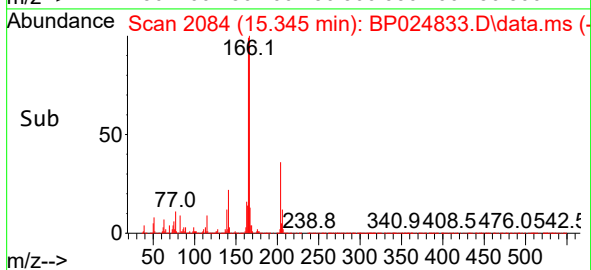
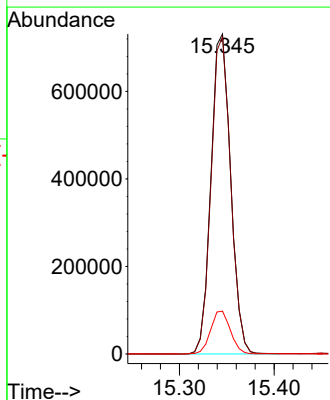
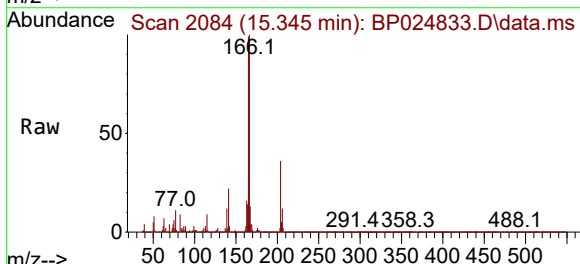
Manual Integrations
APPROVED

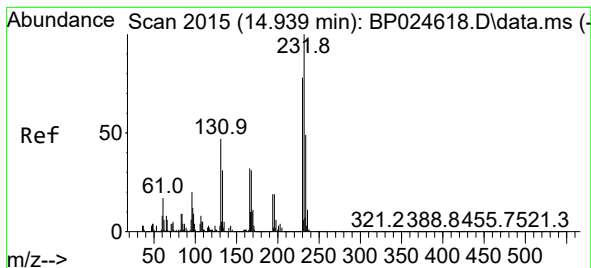
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025



#58
Fluorene
Concen: 47.209 ng
RT: 15.345 min Scan# 2084
Delta R.T. 0.012 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

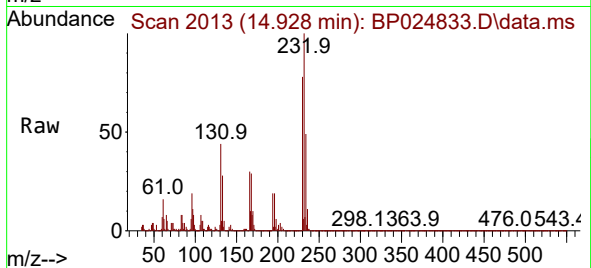
Tgt Ion:166 Resp: 1055527
Ion Ratio Lower Upper
166 100
165 99.1 78.5 117.7
167 13.4 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.200 ng
RT: 14.928 min Scan# 2013
Delta R.T. 0.012 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

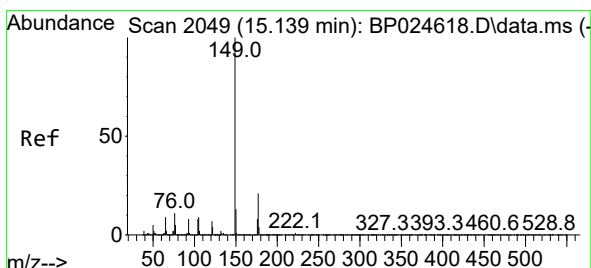
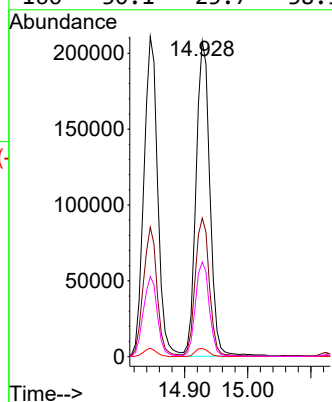
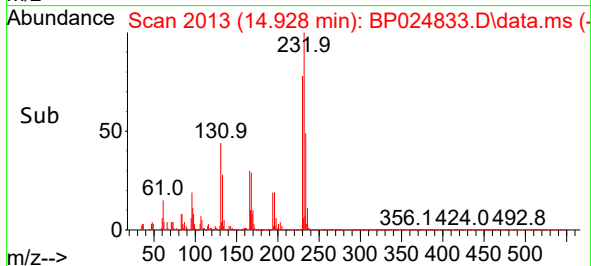
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD



Tgt Ion:232 Resp: 315300
Ion Ratio Lower Upper
232 100
131 44.7 39.5 59.3
130 2.6 2.2 3.4
166 30.1 25.7 38.5

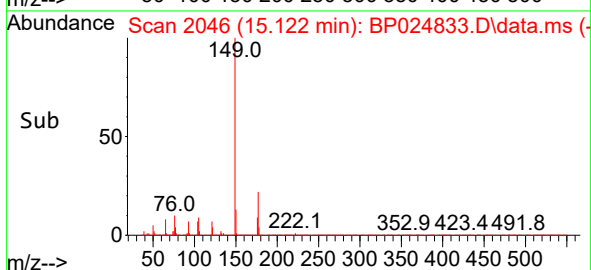
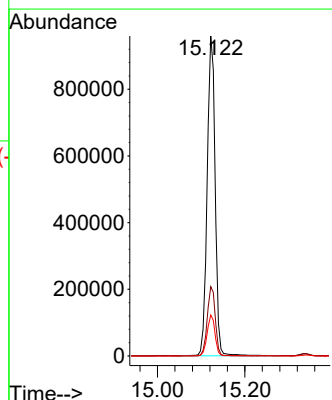
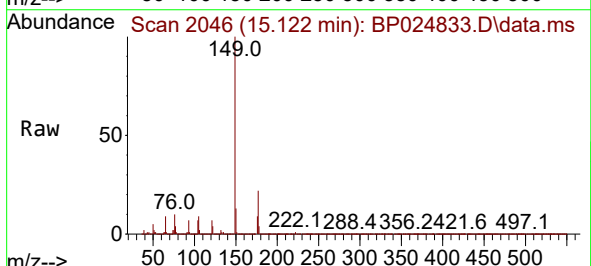
Manual Integrations
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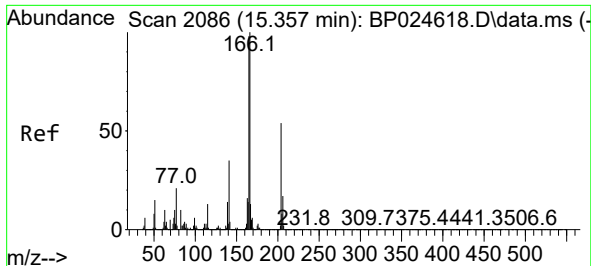
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025



#60
Diethylphthalate
Concen: 49.888 ng
RT: 15.122 min Scan# 2046
Delta R.T. 0.012 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

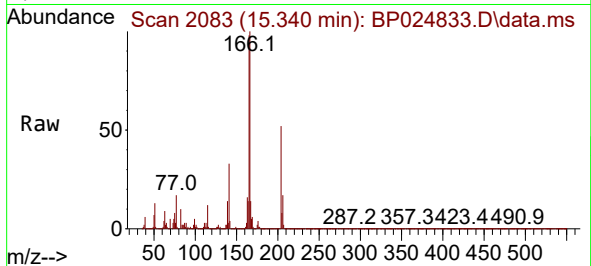
Tgt Ion:149 Resp: 1218597
Ion Ratio Lower Upper
149 100
177 21.7 16.7 25.1
150 12.8 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 47.645 ng
RT: 15.340 min Scan# 2086
Delta R.T. 0.012 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

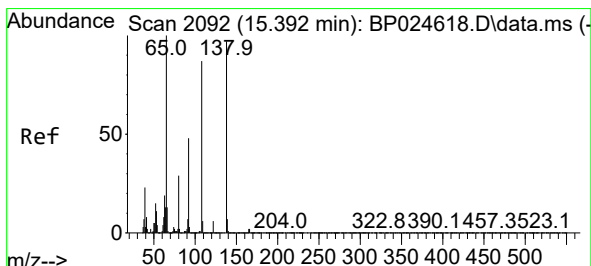
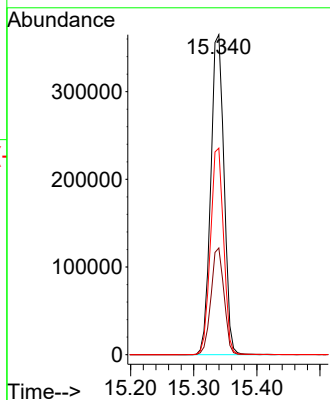
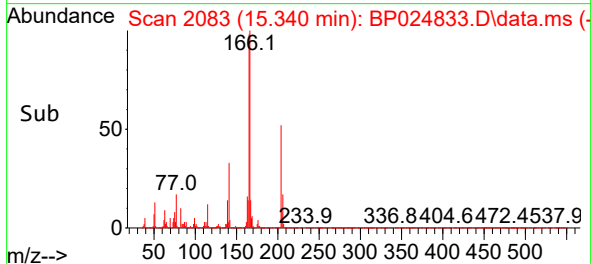
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD



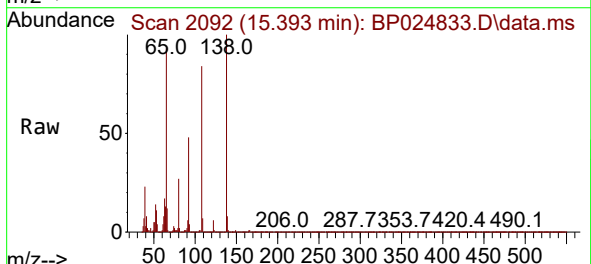
Tgt Ion:204 Resp: 531264
Ion Ratio Lower Upper
204 100
206 33.3 26.0 39.0
141 64.6 52.9 79.3

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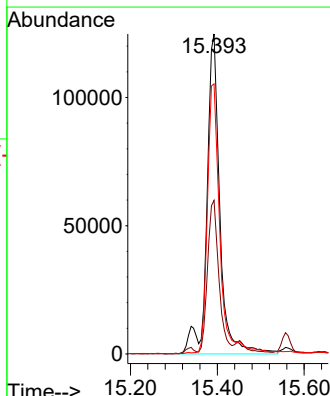
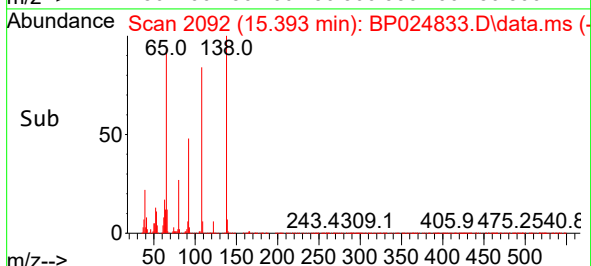
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025

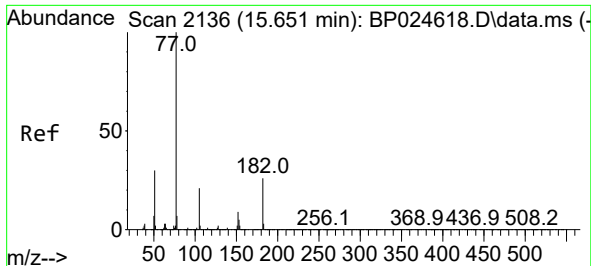


#62
4-Nitroaniline
Concen: 51.257 ng m
RT: 15.393 min Scan# 2092
Delta R.T. 0.018 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47



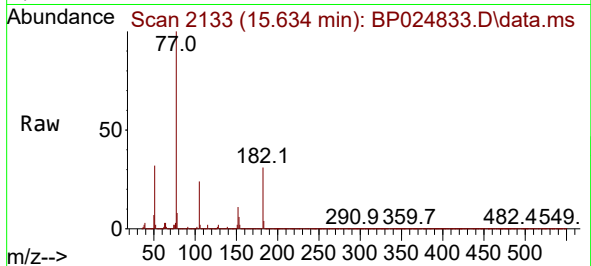
Tgt Ion:138 Resp: 257938
Ion Ratio Lower Upper
138 100
92 48.0 29.2 69.2
108 84.4 69.0 109.0





#63
Azobenzene
Concen: 47.198 ng
RT: 15.634 min Scan# 2136
Delta R.T. 0.006 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

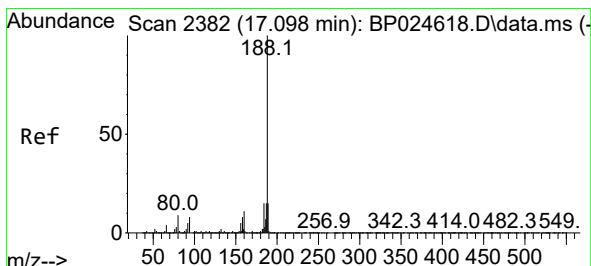
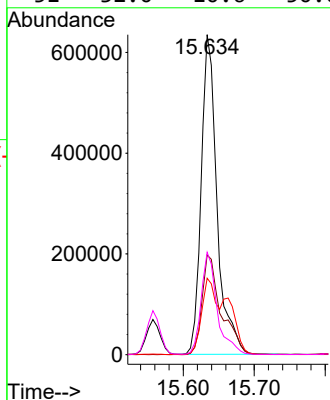
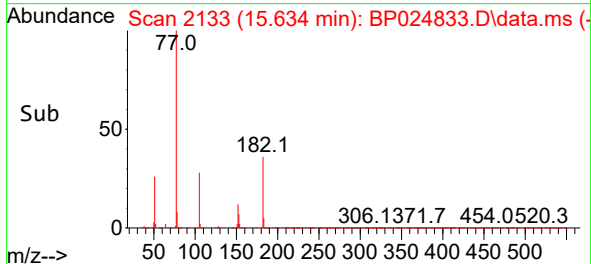
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD



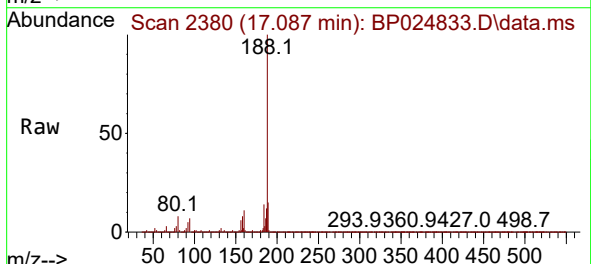
Tgt Ion: 77 Resp: 986278
Ion Ratio Lower Upper
77 100
182 31.1 5.7 45.7
105 23.9 1.3 41.3
51 32.0 10.6 50.6

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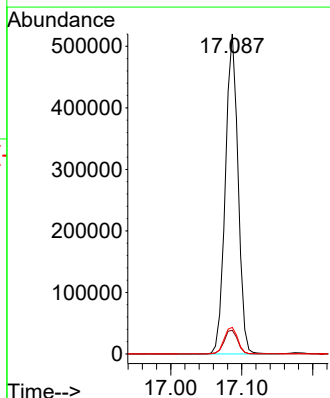
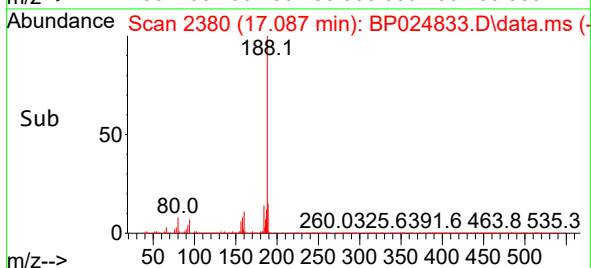
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025

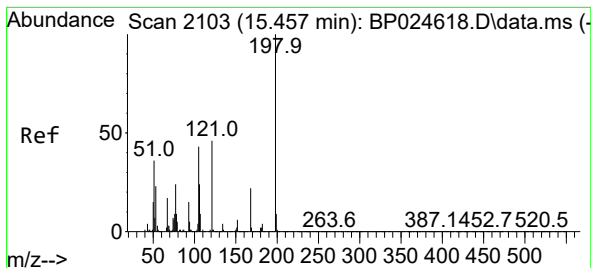


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.087 min Scan# 2380
Delta R.T. 0.024 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47



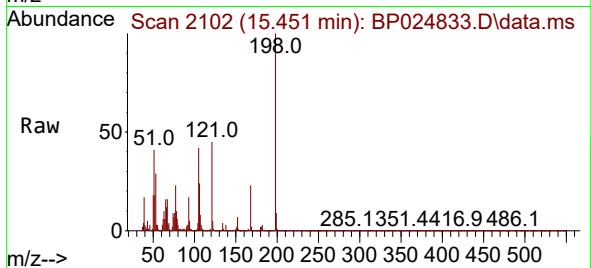
Tgt Ion:188 Resp: 643680
Ion Ratio Lower Upper
188 100
94 7.4 6.5 9.7
80 8.3 7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 50.609 ng
RT: 15.451 min Scan# 2103
Delta R.T. 0.018 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

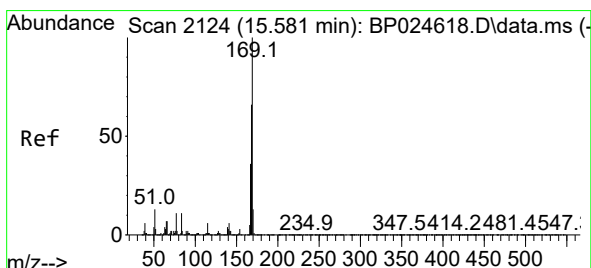
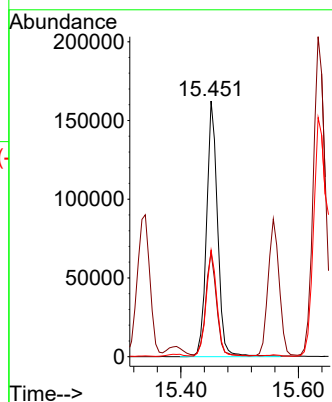
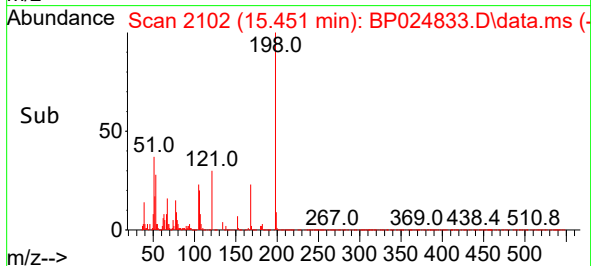
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD



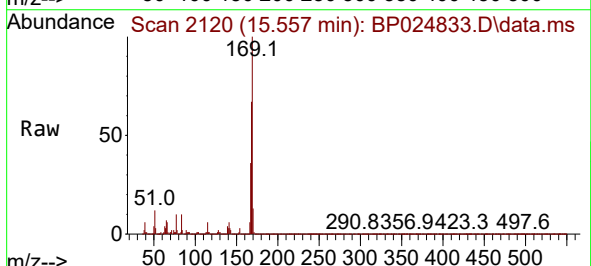
Tgt Ion:198 Resp: 21042
Ion Ratio Lower Upper
198 100
51 40.8 21.1 61.1
105 41.6 23.6 63.6

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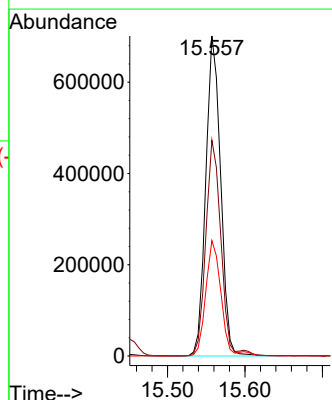
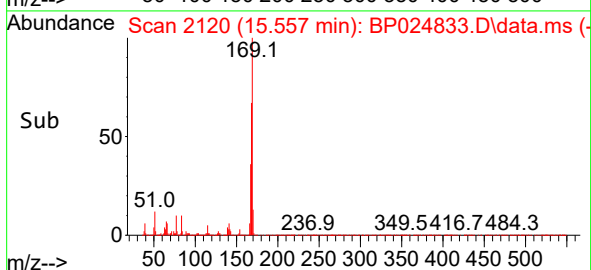
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025

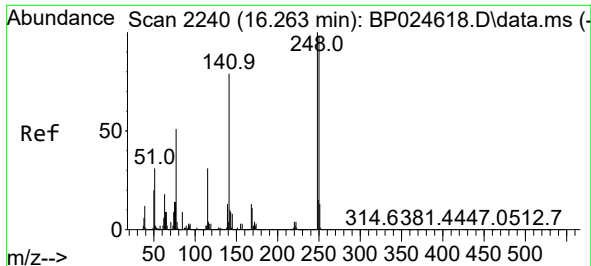


#66
n-Nitrosodiphenylamine
Concen: 47.168 ng
RT: 15.557 min Scan# 2120
Delta R.T. 0.006 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47



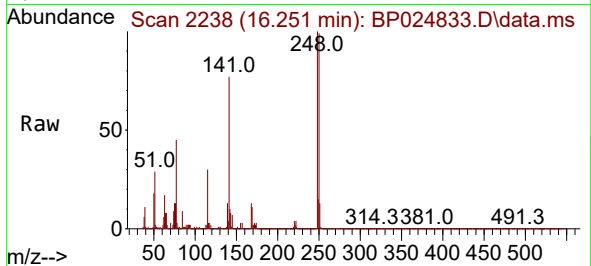
Tgt Ion:169 Resp: 932564
Ion Ratio Lower Upper
169 100
168 67.4 53.2 79.8
167 36.0 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 48.201 ng
RT: 16.251 min Scan# 2111
Delta R.T. 0.012 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

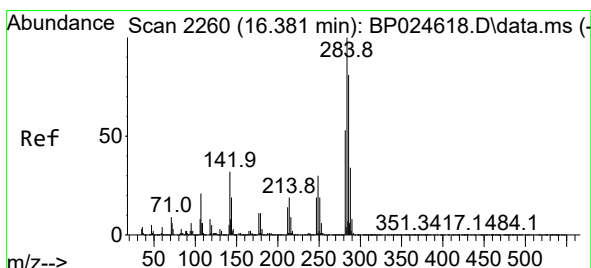
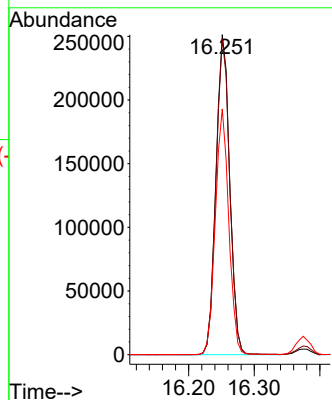
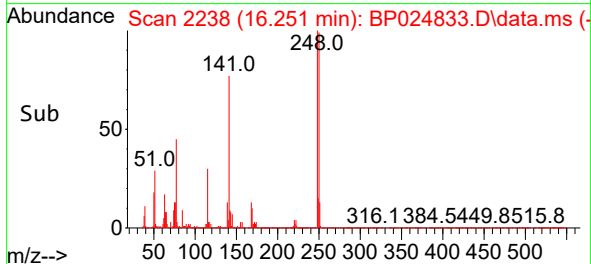
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD



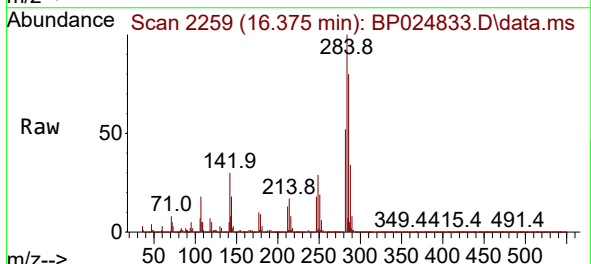
Tgt Ion:248 Resp: 36559
Ion Ratio Lower Upper
248 100
250 98.7 78.2 117.4
141 76.8 63.0 94.6

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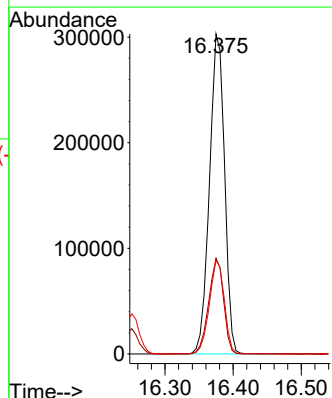
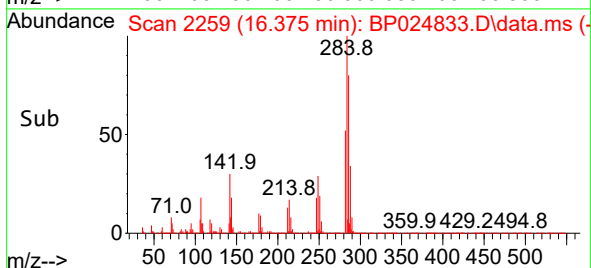
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025

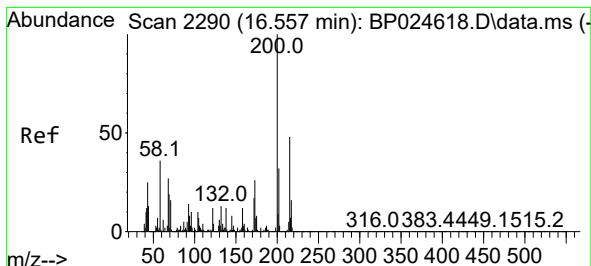


#68
Hexachlorobenzene
Concen: 48.427 ng
RT: 16.375 min Scan# 2259
Delta R.T. 0.018 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47



Tgt Ion:284 Resp: 466737
Ion Ratio Lower Upper
284 100
142 29.9 25.9 38.9
249 29.4 24.1 36.1





#69

Atrazine

Concen: 49.557 ng

RT: 16.545 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP024833.D

Acq: 29 May 2025 17:47

Instrument :

BNA_P

ClientSampleId :

OR-646-COMP-52MSD

Tgt Ion:200 Resp: 35906

Ion Ratio Lower Upper

200 100

173 26.6 5.9 45.9

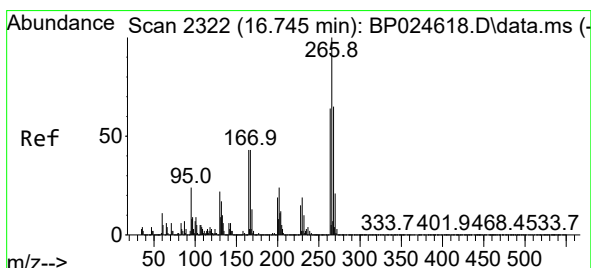
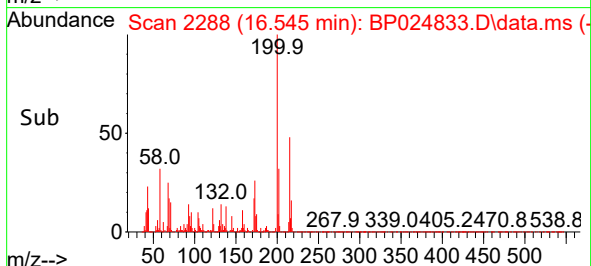
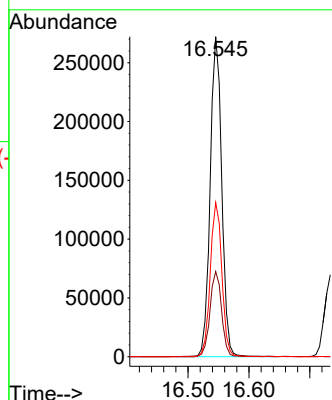
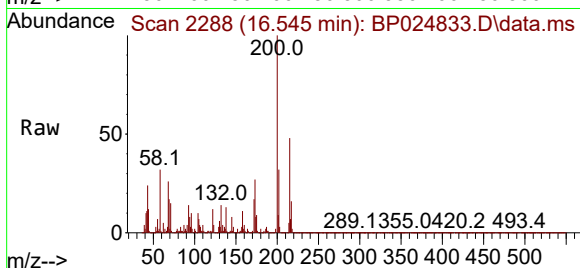
215 48.2 28.3 68.3

Manual Integrations

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Reviewed By :Rahul Chavli 05/30/2025

Supervised By :Jagrut Upadhyay 05/30/2025



#70

Pentachlorophenol

Concen: 117.914 ng

RT: 16.734 min Scan# 2320

Delta R.T. 0.012 min

Lab File: BP024833.D

Acq: 29 May 2025 17:47

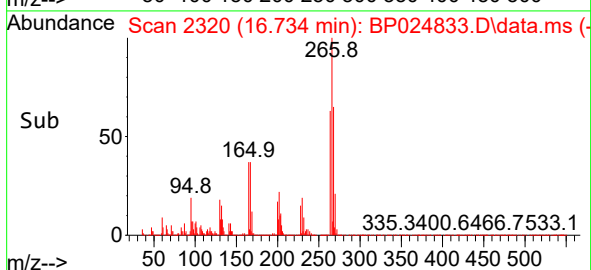
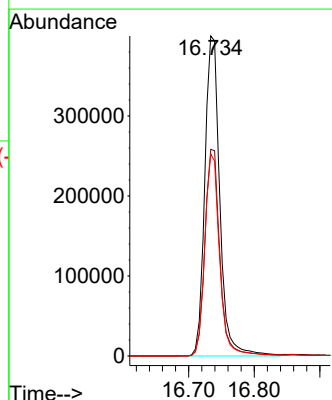
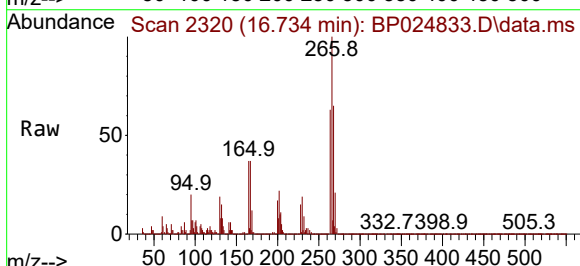
Tgt Ion:266 Resp: 637936

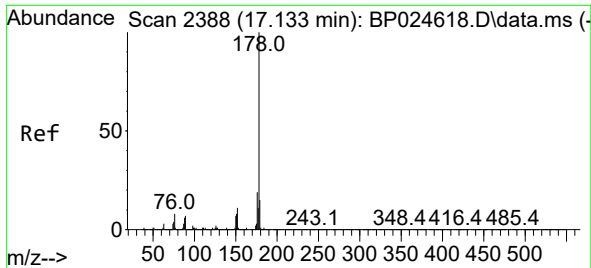
Ion Ratio Lower Upper

266 100

268 64.6 52.2 78.4

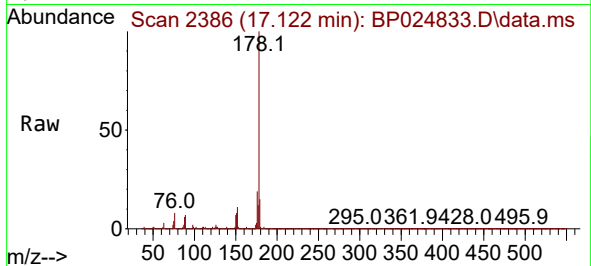
264 63.2 51.1 76.7





#71
Phenanthrene
Concen: 46.093 ng
RT: 17.122 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

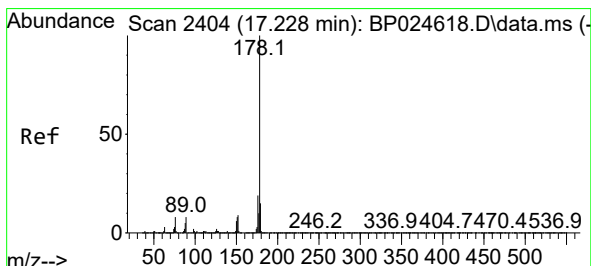
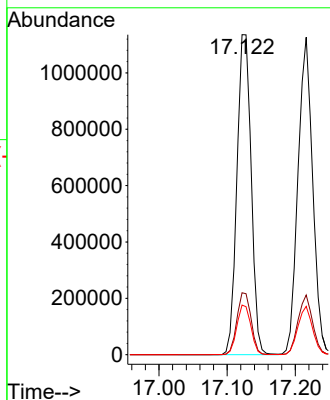
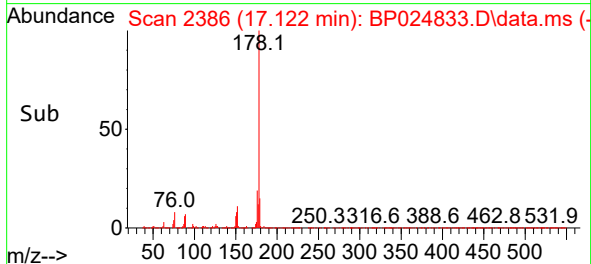
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD



Tgt Ion:178 Resp: 164936
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.5 12.2 18.4

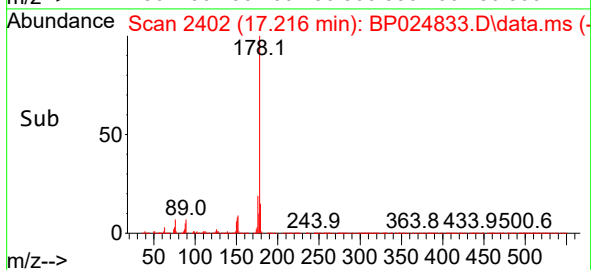
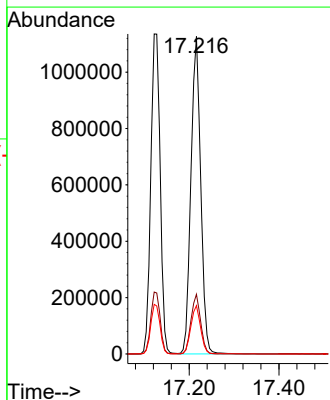
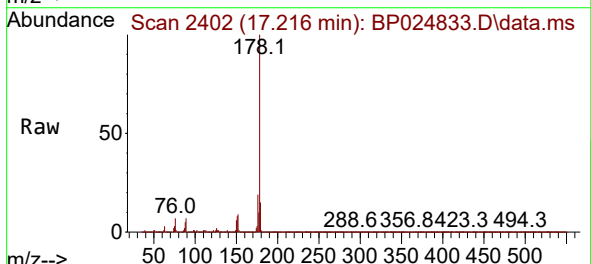
Manual Integrations
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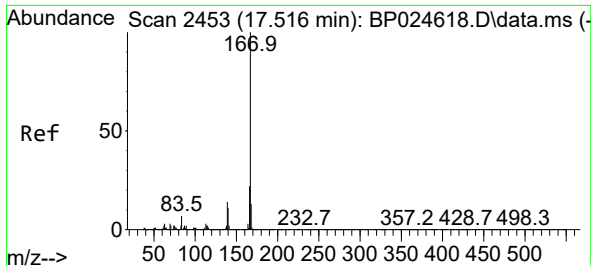
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025



#72
Anthracene
Concen: 47.279 ng
RT: 17.216 min Scan# 2402
Delta R.T. 0.012 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

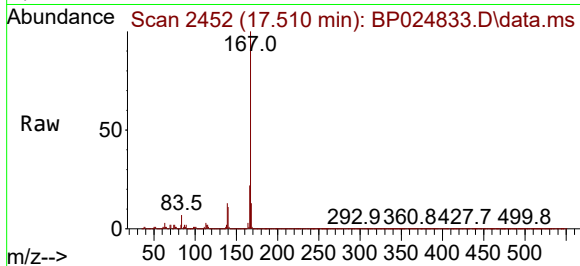
Tgt Ion:178 Resp: 1702132
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.2 12.2 18.2





#73
 Carbazole
 Concen: 49.022 ng
 RT: 17.510 min Scan# 2452
 Delta R.T. 0.018 min
 Lab File: BP024833.D
 Acq: 29 May 2025 17:47

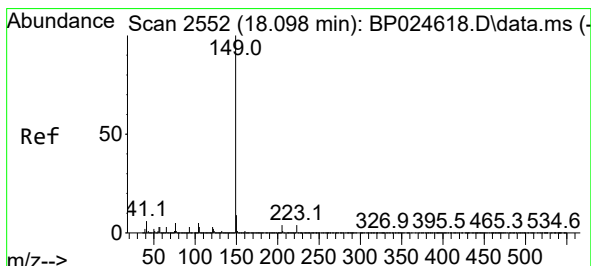
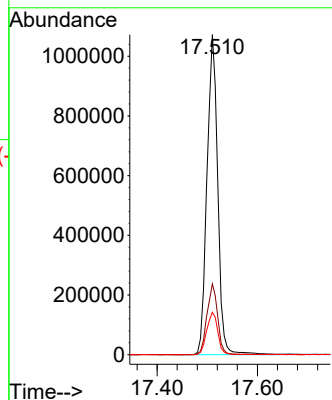
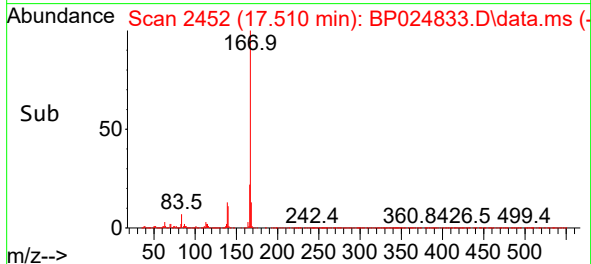
Instrument :
 BNA_P
 ClientSampleId :
 OR-646-COMP-52MSD



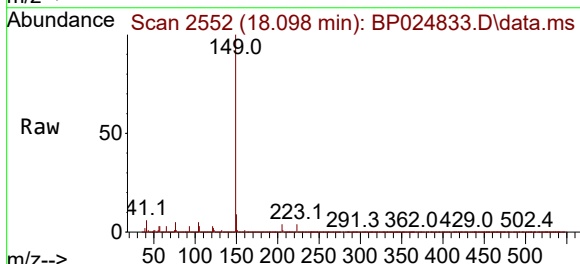
Tgt Ion:167 Resp: 1597399
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 13.3 11.3 16.9

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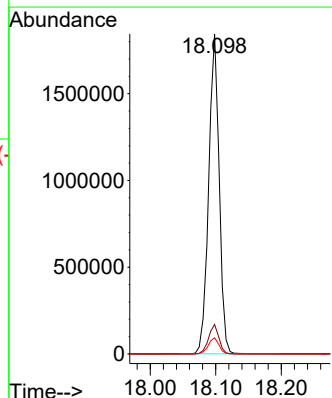
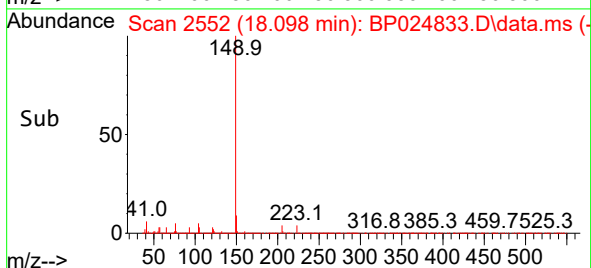
Reviewed By :Rahul Chavli 05/30/2025
 Supervised By :Jagrut Upadhyay 05/30/2025

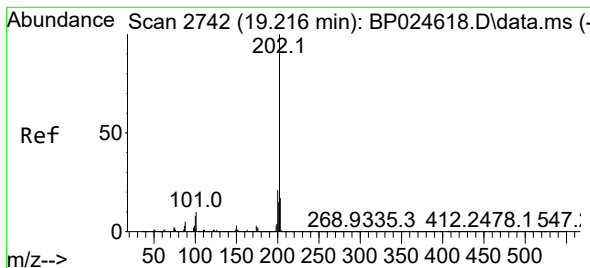


#74
 Di-n-butylphthalate
 Concen: 49.108 ng
 RT: 18.098 min Scan# 2552
 Delta R.T. 0.036 min
 Lab File: BP024833.D
 Acq: 29 May 2025 17:47



Tgt Ion:149 Resp: 2057989
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.2 10.8
 104 5.0 4.3 6.5





#75

Fluoranthene

Concen: 48.705 ng

RT: 19.210 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024833.D

Acq: 29 May 2025 17:47

Instrument :

BNA_P

ClientSampleId :

OR-646-COMP-52MSD

Tgt Ion:202 Resp: 203725

Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.3

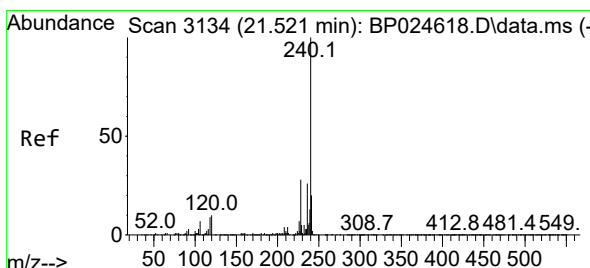
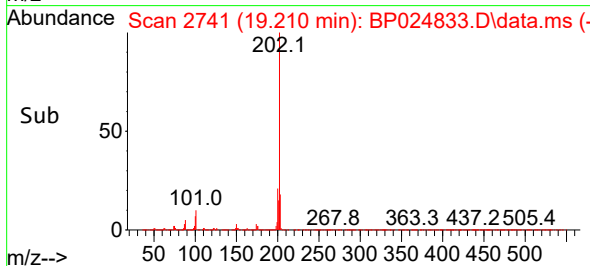
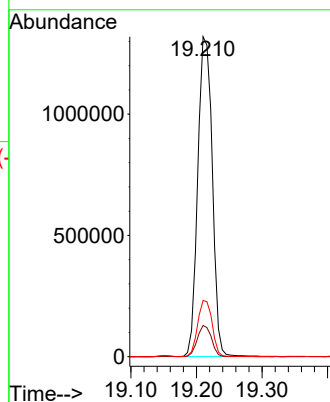
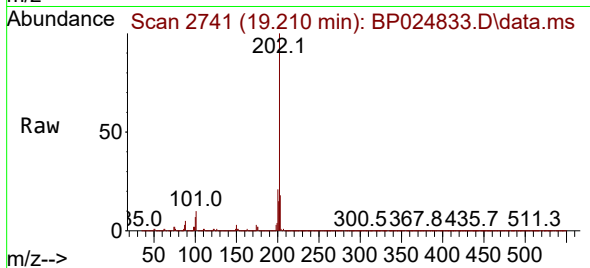
203 17.5 0.0 37.5

Manual Integrations

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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: BP024833.D

Acq: 29 May 2025 17:47

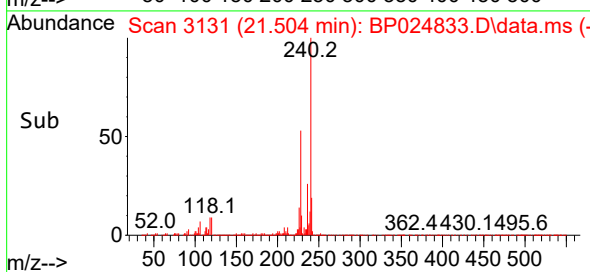
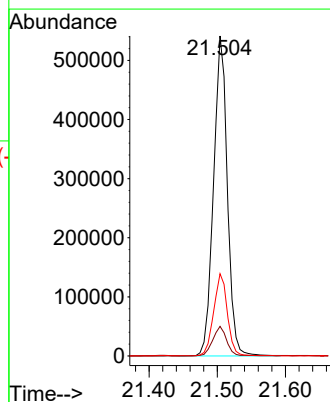
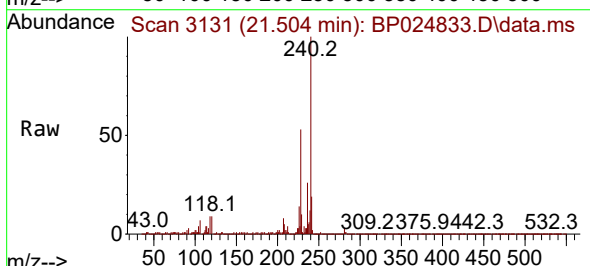
Tgt Ion:240 Resp: 763183

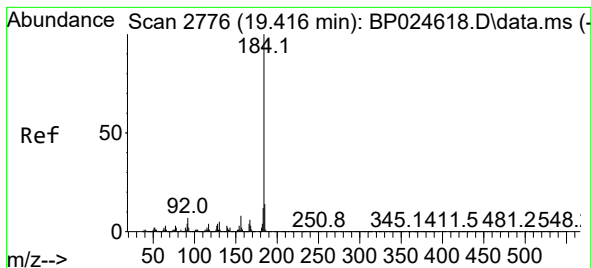
Ion Ratio Lower Upper

240 100

120 9.3 7.8 11.6

236 25.7 20.6 31.0





#77

Benzidine

Concen: 41.632 ng

RT: 19.416 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024833.D

Acq: 29 May 2025 17:47

Instrument :

BNA_P

ClientSampleId :

OR-646-COMP-52MSD

Tgt Ion:184 Resp: 86536

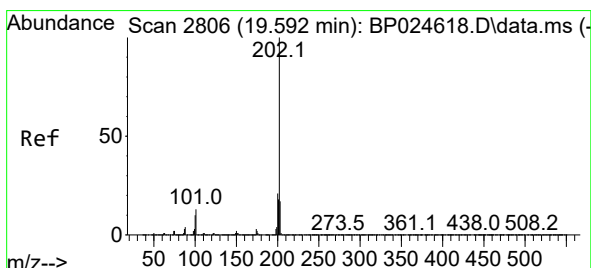
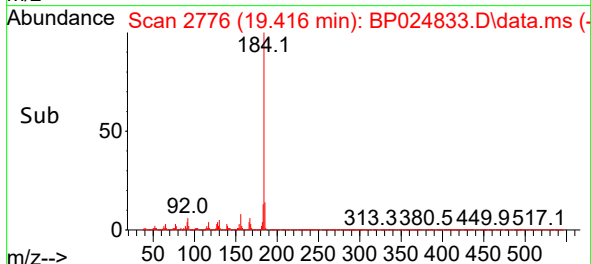
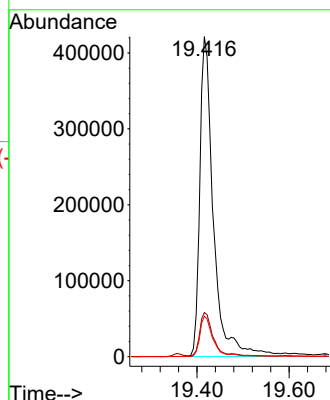
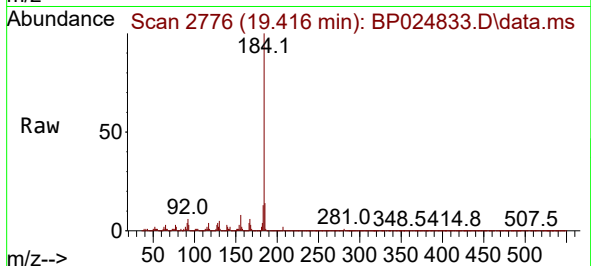
Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.2	16.8
183	12.7	9.8	14.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/30/2025

Supervised By :Jagrut Upadhyay 05/30/2025



#78

Pyrene

Concen: 46.625 ng

RT: 19.592 min Scan# 2806

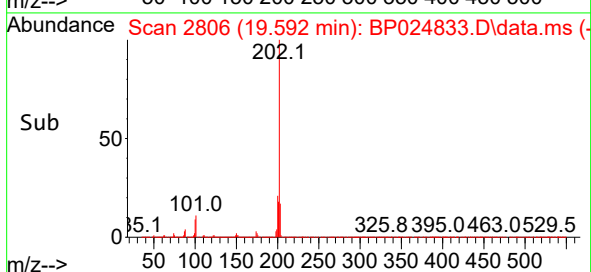
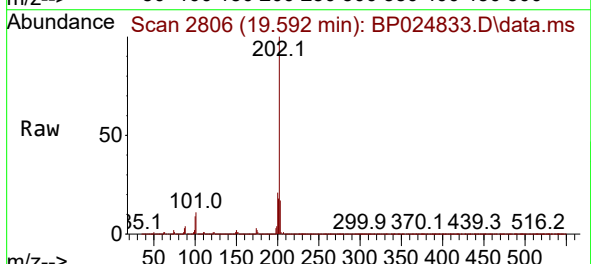
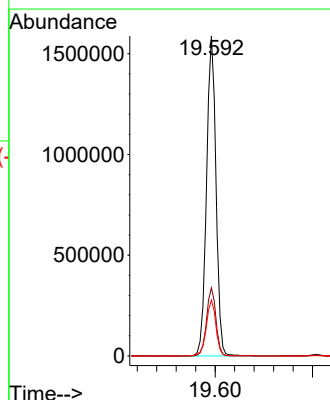
Delta R.T. 0.024 min

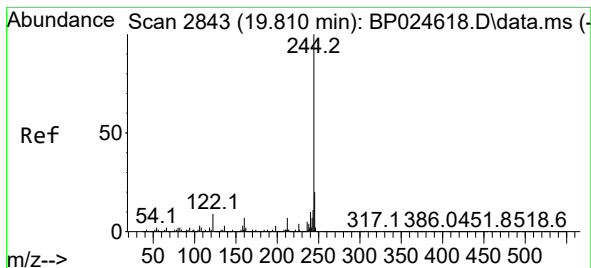
Lab File: BP024833.D

Acq: 29 May 2025 17:47

Tgt Ion:202 Resp: 2132054

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.9	25.3
203	17.4	13.9	20.9





#79

Terphenyl-d14

Concen: 57.263 ng

RT: 19.804 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP024833.D

Acq: 29 May 2025 17:47

Instrument :

BNA_P

ClientSampleId :

OR-646-COMP-52MSD

Tgt Ion:244 Resp: 2548684

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

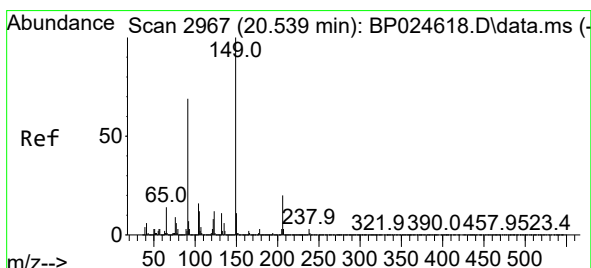
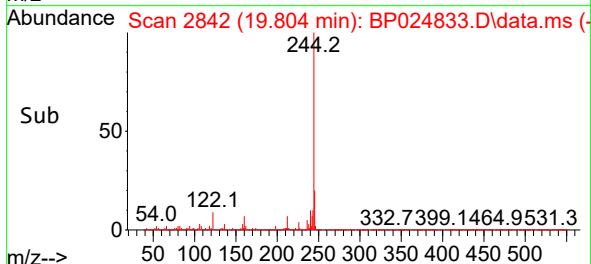
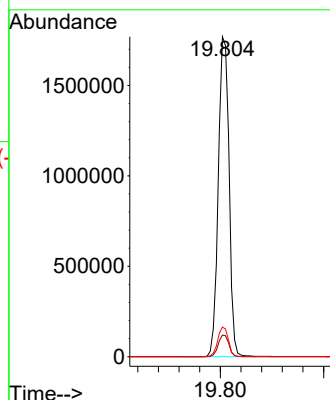
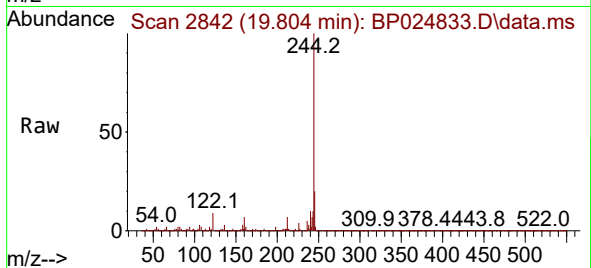
122 9.3 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/30/2025

Supervised By :Jagrut Upadhyay 05/30/2025



#80

Butylbenzylphthalate

Concen: 50.172 ng

RT: 20.533 min Scan# 2966

Delta R.T. 0.012 min

Lab File: BP024833.D

Acq: 29 May 2025 17:47

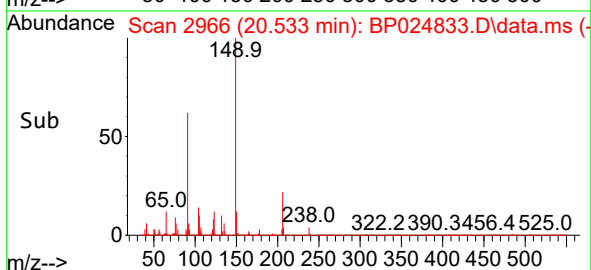
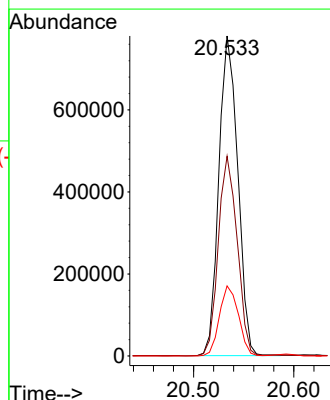
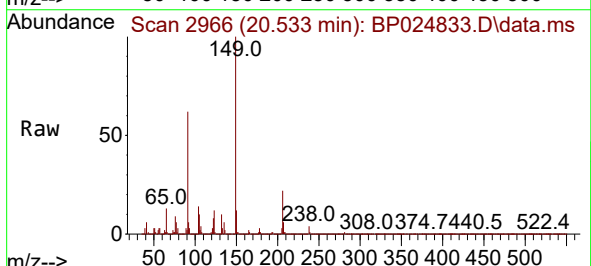
Tgt Ion:149 Resp: 1020357

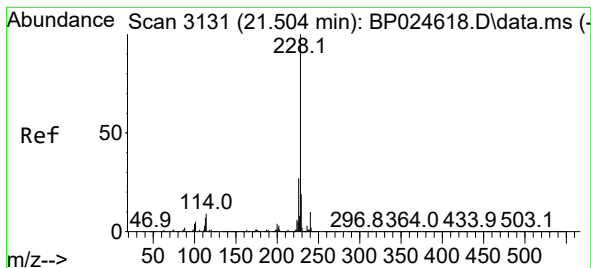
Ion Ratio Lower Upper

149 100

91 62.4 55.4 83.0

206 21.9 16.2 24.2





#81

Benzo(a)anthracene

Concen: 47.909 ng

RT: 21.486 min Scan# 3117

Delta R.T. 0.012 min

Lab File: BP024833.D

Acq: 29 May 2025 17:47

Instrument :

BNA_P

ClientSampleId :

OR-646-COMP-52MSD

Tgt Ion:228 Resp: 229588

Ion Ratio Lower Upper

228 100

226 27.1 21.4 32.0

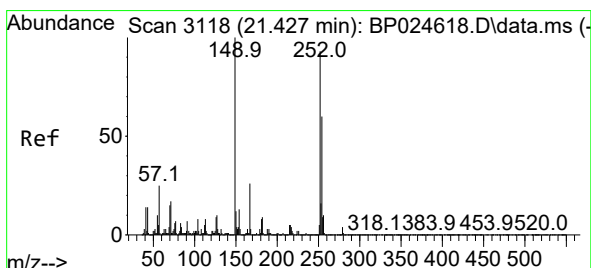
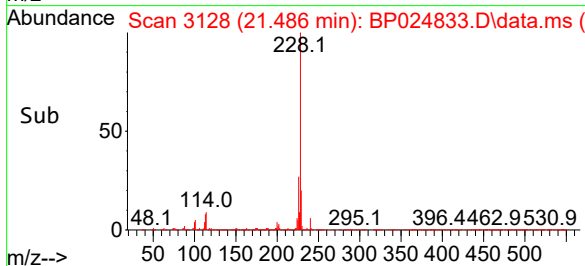
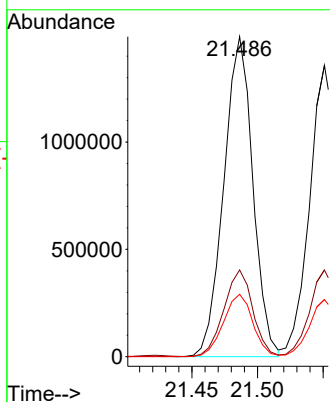
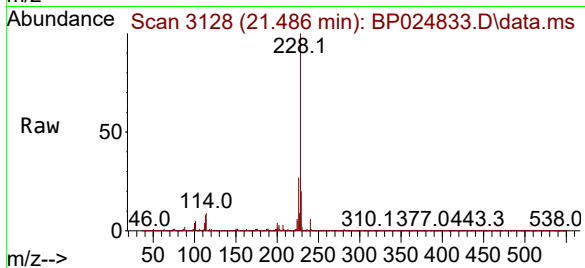
229 19.5 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/30/2025

Supervised By :Jagrut Upadhyay 05/30/2025



#82

3,3'-Dichlorobenzidine

Concen: 33.408 ng

RT: 21.422 min Scan# 3117

Delta R.T. 0.018 min

Lab File: BP024833.D

Acq: 29 May 2025 17:47

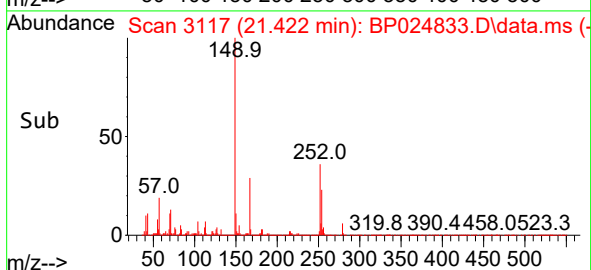
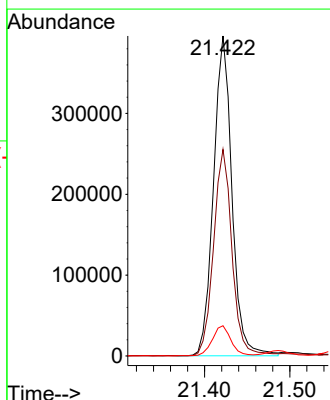
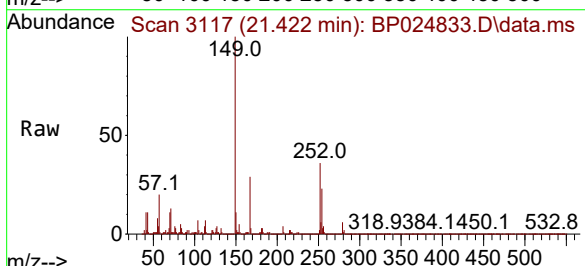
Tgt Ion:252 Resp: 594635

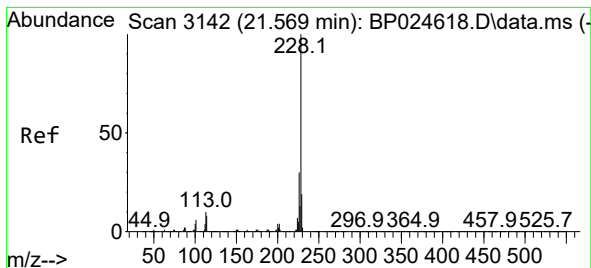
Ion Ratio Lower Upper

252 100

254 64.5 51.8 77.6

126 9.5 7.7 11.5





#83

Chrysene

Concen: 47.422 ng

RT: 21.551 min Scan# 3117

Delta R.T. 0.012 min

Lab File: BP024833.D

Acq: 29 May 2025 17:47

Instrument :

BNA_P

ClientSampleId :

OR-646-COMP-52MSD

Tgt Ion:228 Resp: 215424

Ion Ratio Lower Upper

228 100

226 29.8 23.9 35.9

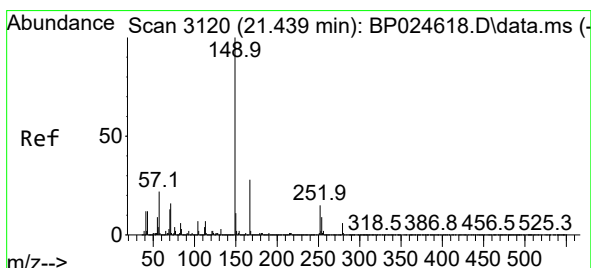
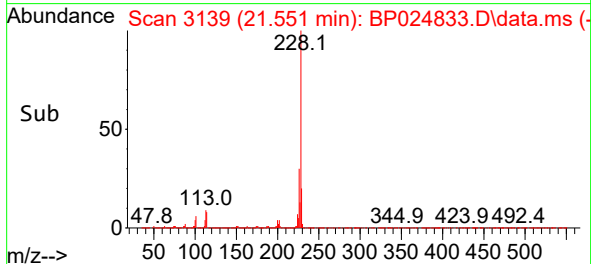
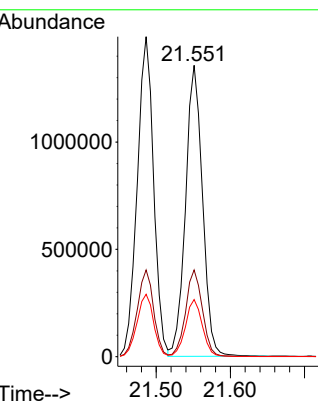
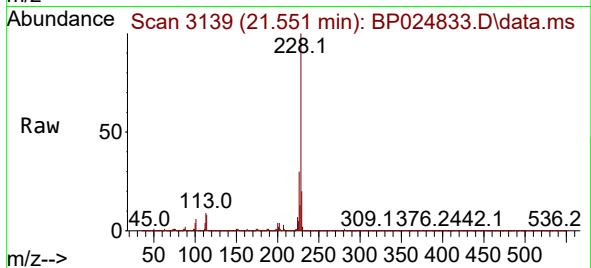
229 19.6 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/30/2025

Supervised By :Jagrut Upadhyay 05/30/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.491 ng

RT: 21.422 min Scan# 3117

Delta R.T. 0.012 min

Lab File: BP024833.D

Acq: 29 May 2025 17:47

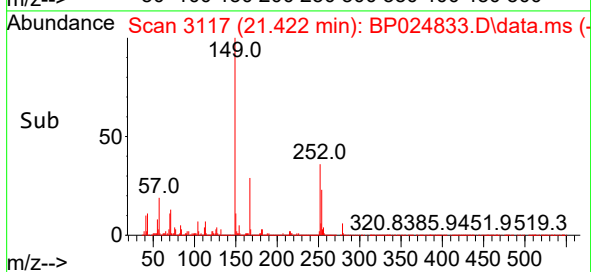
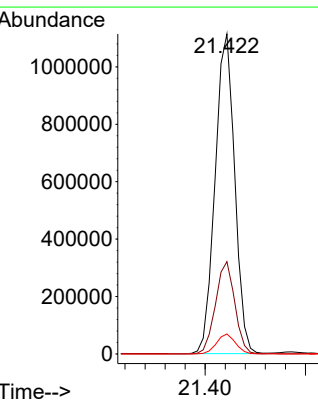
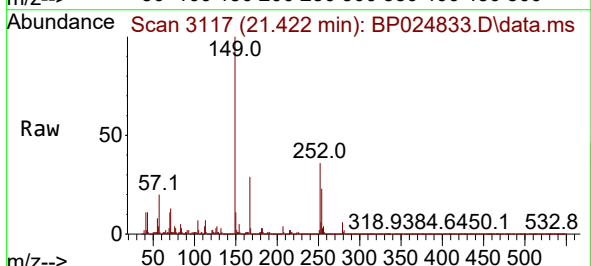
Tgt Ion:149 Resp: 1509280

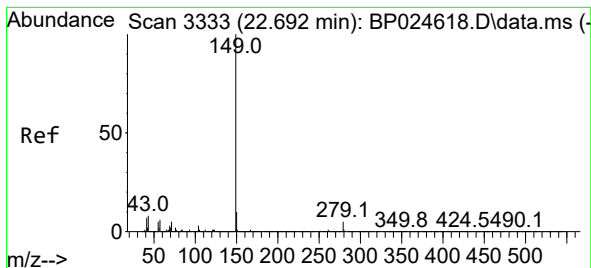
Ion Ratio Lower Upper

149 100

167 28.8 22.1 33.1

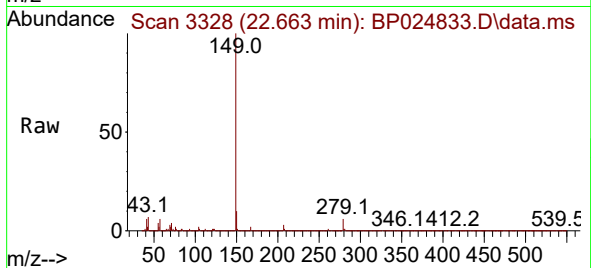
279 6.2 4.6 6.8





#85
Di-n-octyl phthalate
Concen: 52.977 ng
RT: 22.663 min Scan# 31
Delta R.T. 0.018 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

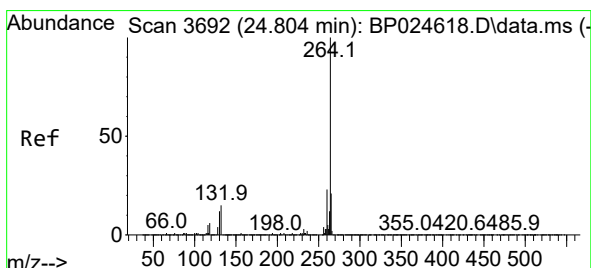
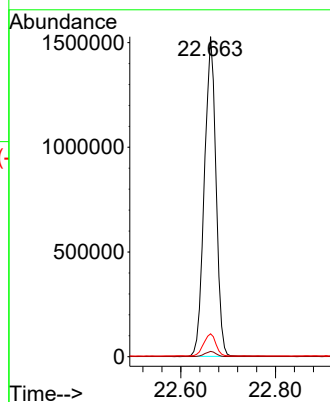
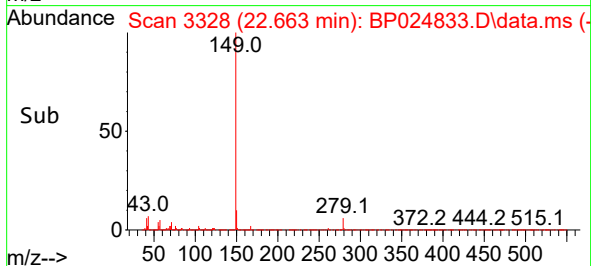
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD



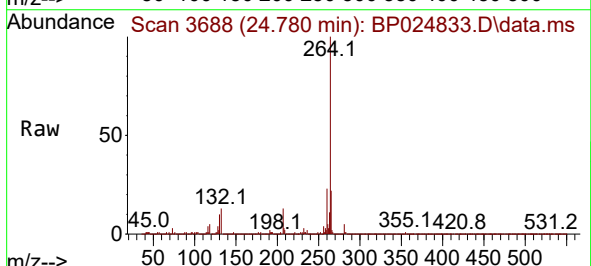
Tgt Ion:149 Resp: 2589590
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.2 6.3 9.5

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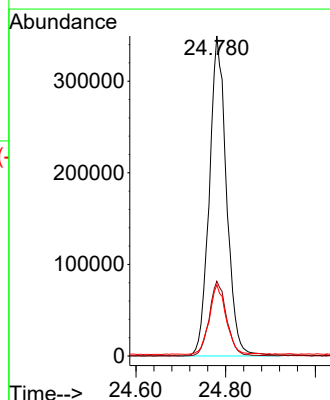
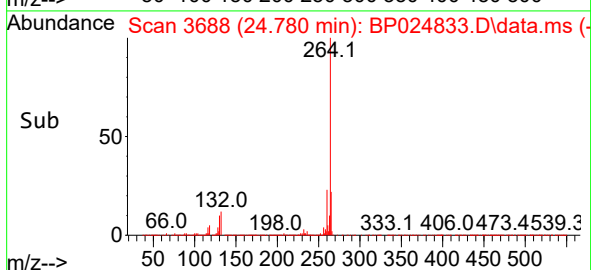
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025

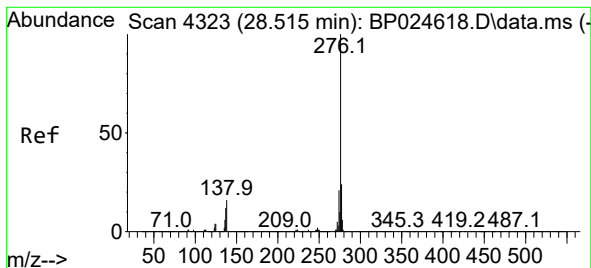


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.780 min Scan# 3688
Delta R.T. 0.036 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47



Tgt Ion:264 Resp: 927467
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 22.2 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.379 ng

RT: 28.498 min Scan# 41

Delta R.T. 0.059 min

Lab File: BP024833.D

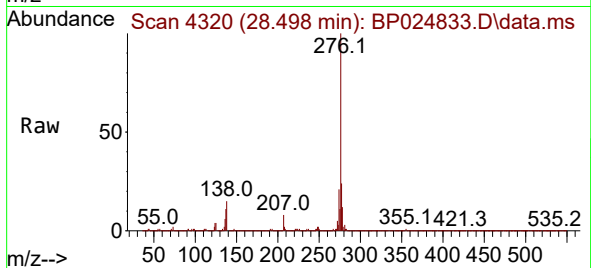
Acq: 29 May 2025 17:47

Instrument :

BNA_P

ClientSampleId :

OR-646-COMP-52MSD



Tgt Ion:276 Resp: 327575

Ion Ratio Lower Upper

276 100

138 11.3 11.2 16.8

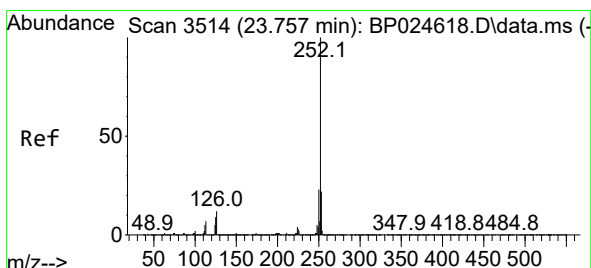
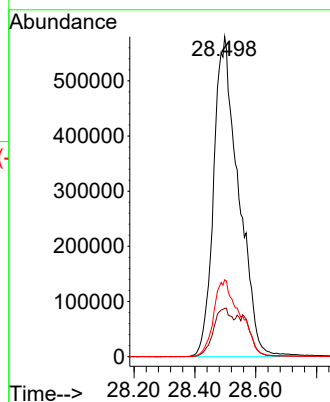
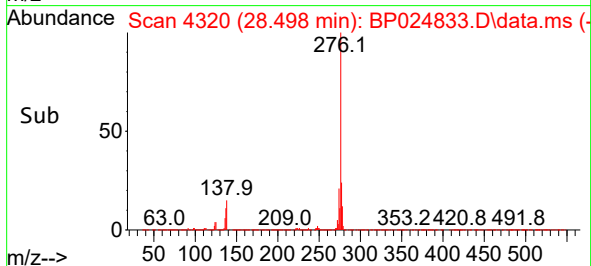
277 25.8 15.7 23.5

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: 46.043 ng

RT: 23.745 min Scan# 3512

Delta R.T. 0.024 min

Lab File: BP024833.D

Acq: 29 May 2025 17:47

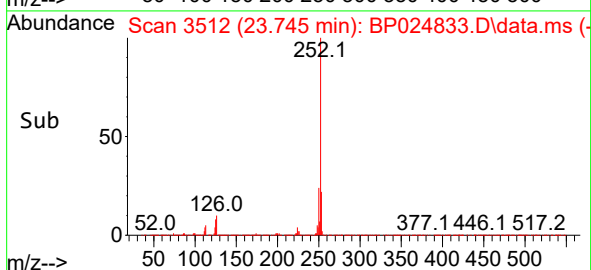
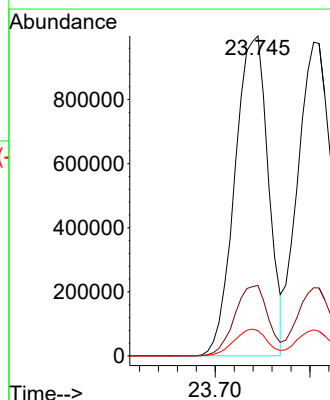
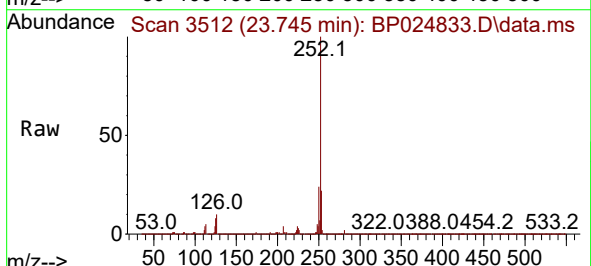
Tgt Ion:252 Resp: 2444268

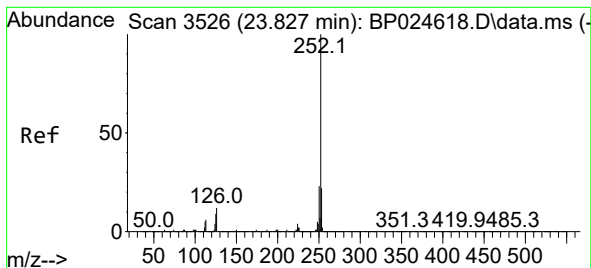
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 7.9 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 46.115 ng

RT: 23.804 min Scan# 3526

Delta R.T. 0.006 min

Lab File: BP024833.D

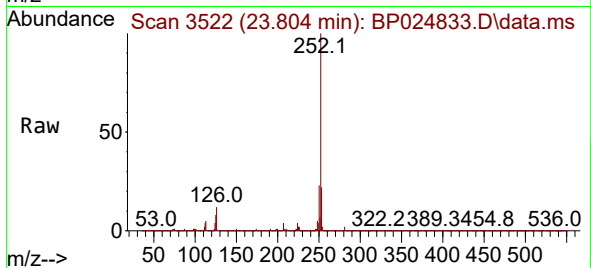
Acq: 29 May 2025 17:47

Instrument :

BNA_P

ClientSampleId :

OR-646-COMP-52MSD



Tgt Ion:252 Resp: 252258

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

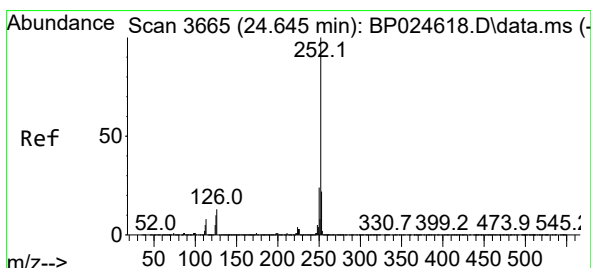
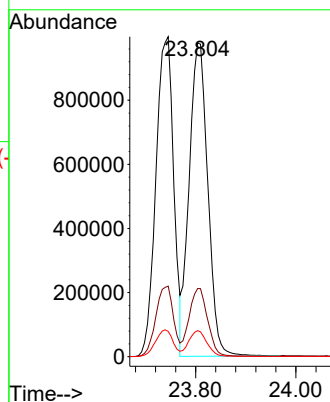
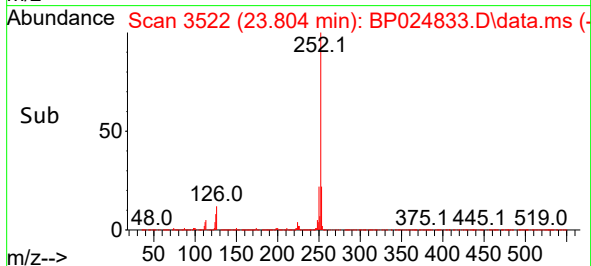
125 8.3 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/30/2025

Supervised By :Jagrut Upadhyay 05/30/2025



#90

Benzo(a)pyrene

Concen: 46.769 ng

RT: 24.627 min Scan# 3662

Delta R.T. 0.030 min

Lab File: BP024833.D

Acq: 29 May 2025 17:47

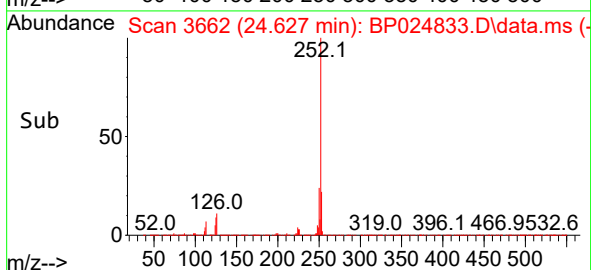
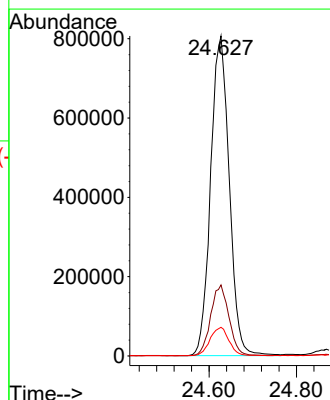
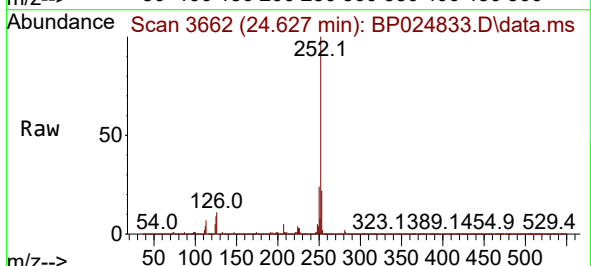
Tgt Ion:252 Resp: 2384516

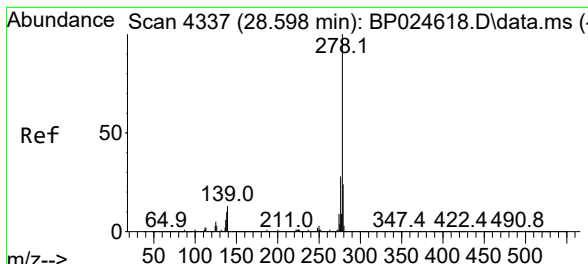
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 9.0 8.1 12.1





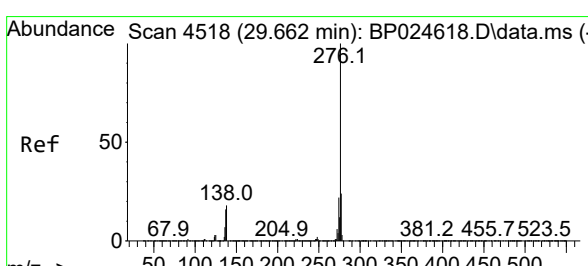
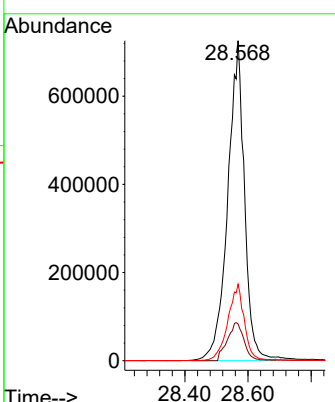
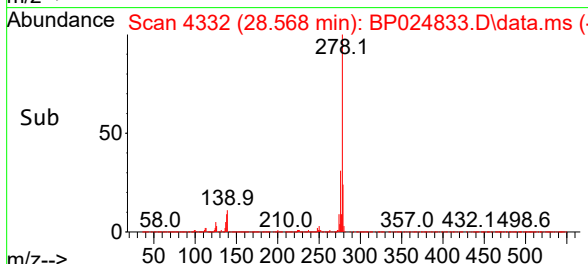
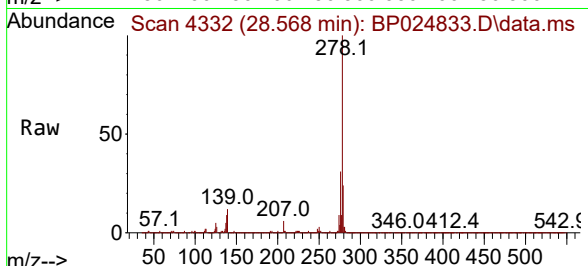
#91
 Dibenzo(a,h)anthracene
 Concen: 48.299 ng
 RT: 28.568 min Scan# 41
 Delta R.T. 0.047 min
 Lab File: BP024833.D
 Acq: 29 May 2025 17:47

Instrument : BNA_P
 ClientSampleId : OR-646-COMP-52MSD

Tgt Ion: 278 Resp: 266055

Ion	Ratio	Lower	Upper
278	100		
139	11.5	10.2	15.4
279	23.9	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: 48.155 ng
 RT: 29.656 min Scan# 4517
 Delta R.T. 0.065 min
 Lab File: BP024833.D
 Acq: 29 May 2025 17:47

Tgt Ion: 276 Resp: 2637893

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.4
138	16.1	14.4	21.6

