

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
 Data File : BP024654.D
 Acq On : 16 May 2025 12:52
 Operator : RC/JU
 Sample : PB168019BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168019BSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/19/2025
 Supervised By :Jagrut Upadhyay 05/19/2025

Quant Time: May 16 13:49:07 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	147952	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	579806	20.000	ng	0.00
39) Acenaphthene-d10	14.292	164	357092	20.000	ng	-0.01
64) Phenanthrene-d10	17.098	188	726416	20.000	ng	0.00
76) Chrysene-d12	21.521	240	844726	20.000	ng	0.00
86) Perylene-d12	24.809	264	972873	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	752510	86.992	ng	0.00
7) Phenol-d6	6.857	99	927195	83.984	ng	0.00
23) Nitrobenzene-d5	8.810	82	861453	75.070	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	524171	86.586	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	2087294	76.580	ng	0.00
79) Terphenyl-d14	19.822	244	3859931	78.352	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.222	88	128376	31.605	ng	97
3) Pyridine	3.616	79	326526	36.253	ng	99
4) n-Nitrosodimethylamine	3.528	42	157847	39.697	ng	99
6) Aniline	7.005	93	434340	30.472	ng	99
8) 2-Chlorophenol	7.240	128	435499	44.348	ng	97
9) Benzaldehyde	6.816	77	262514	36.732	ng	99
10) Phenol	6.881	94	504277	44.255	ng	98
11) bis(2-Chloroethyl)ether	7.093	93	369408	39.454	ng	99
12) 1,3-Dichlorobenzene	7.552	146	458912	40.619	ng	99
13) 1,4-Dichlorobenzene	7.699	146	470982	41.449	ng	99
14) 1,2-Dichlorobenzene	8.010	146	449280	40.576	ng	99
15) Benzyl Alcohol	7.904	79	355925	42.424	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.181	45	435386	38.828	ng	99
17) 2-Methylphenol	8.116	107	349368	42.748	ng	97
18) Hexachloroethane	8.728	117	175434	40.289	ng	99
19) n-Nitroso-di-n-propyla...	8.463	70	285818	37.426	ng	99
20) 3+4-Methylphenols	8.440	107	471356	42.399	ng	98
22) Acetophenone	8.481	105	608591	42.020	ng	# 98
24) Nitrobenzene	8.851	77	427725	42.356	ng	96
25) Isophorone	9.375	82	805775	40.480	ng	99
26) 2-Nitrophenol	9.557	139	231916	46.867	ng	99
27) 2,4-Dimethylphenol	9.622	122	394802	45.252	ng	99
28) bis(2-Chloroethoxy)met...	9.851	93	488418	41.070	ng	99
29) 2,4-Dichlorophenol	10.098	162	392538	46.429	ng	98
30) 1,2,4-Trichlorobenzene	10.293	180	409692	43.002	ng	97
31) Naphthalene	10.481	128	1276618	42.489	ng	100
32) Benzoic acid	9.787	122	273730	45.524	ng	95
33) 4-Chloroaniline	10.598	127	305616	25.207	ng	99
34) Hexachlorobutadiene	10.763	225	261280	42.334	ng	98
35) Caprolactam	11.393	113	137717	45.022	ng	96
36) 4-Chloro-3-methylphenol	11.734	107	452611	43.899	ng	98
37) 2-Methylnaphthalene	12.087	142	813582	41.818	ng	99
38) 1-Methylnaphthalene	12.316	142	855997	41.121	ng	99
40) 1,2,4,5-Tetrachloroben...	12.469	216	460173	44.377	ng	99
41) Hexachlorocyclopentadiene	12.440	237	654888	104.153	ng	96
43) 2,4,6-Trichlorophenol	12.716	196	324138	48.260	ng	97

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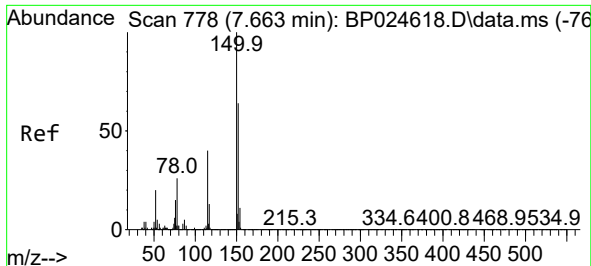
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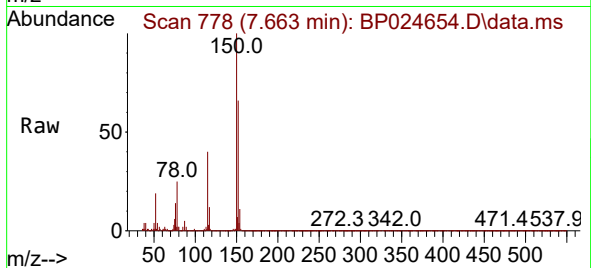
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	354828	47.461	ng	97
46) 1,1'-Biphenyl	13.116	154	1164104	44.106	ng	99
47) 2-Chloronaphthalene	13.157	162	889761	44.214	ng	99
48) 2-Nitroaniline	13.369	65	275207	46.192	ng	98
49) Acenaphthylene	14.010	152	1446925	42.965	ng	100
50) Dimethylphthalate	13.751	163	1177714	43.270	ng	100
51) 2,6-Dinitrotoluene	13.875	165	258025	44.888	ng	97
52) Acenaphthene	14.357	154	826699	42.700	ng	100
53) 3-Nitroaniline	14.210	138	177158	30.184	ng	98
54) 2,4-Dinitrophenol	14.422	184	342573	93.349	ng	99
55) Dibenzofuran	14.698	168	1323841	42.869	ng	99
56) 4-Nitrophenol	14.545	139	465297	90.957	ng	97
57) 2,4-Dinitrotoluene	14.669	165	380475	46.949	ng	98
58) Fluorene	15.357	166	1111447	44.140	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.939	232	323226	46.605	ng	97
60) Diethylphthalate	15.134	149	1205785	43.832	ng	99
61) 4-Chlorophenyl-phenyle...	15.351	204	553179	44.052	ng	100
62) 4-Nitroaniline	15.398	138	277213m	48.914	ng	
63) Azobenzene	15.651	77	1028400	43.700	ng	98
65) 4,6-Dinitro-2-methylph...	15.457	198	228099	48.613	ng	100
66) n-Nitrosodiphenylamine	15.575	169	994292	44.562	ng	99
67) 4-Bromophenyl-phenylether	16.275	248	379075	44.286	ng	96
68) Hexachlorobenzene	16.392	284	473270	43.512	ng	98
69) Atrazine	16.557	200	386199	47.230	ng	98
70) Pentachlorophenol	16.751	266	637096	104.347	ng	99
71) Phenanthrene	17.139	178	1771396	43.866	ng	100
72) Anthracene	17.239	178	1793685	44.148	ng	99
73) Carbazole	17.522	167	1701427	46.268	ng	99
74) Di-n-butylphthalate	18.110	149	2219654	46.933	ng	100
75) Fluoranthene	19.227	202	2160499	45.769	ng	99
77) Benzidine	19.422	184	1148711	49.929	ng	100
78) Pyrene	19.604	202	2263607	44.723	ng	100
80) Butylbenzylphthalate	20.557	149	1092181	48.519	ng	96
81) Benzo(a)anthracene	21.504	228	2396325	45.178	ng	99
82) 3,3'-Dichlorobenzidine	21.433	252	653618	33.177	ng	99
83) Chrysene	21.574	228	2248251	44.714	ng	99
84) Bis(2-ethylhexyl)phtha...	21.439	149	1573600	47.561	ng	100
85) Di-n-octyl phthalate	22.686	149	2702361	49.947	ng	99
87) Indeno(1,2,3-cd)pyrene	28.521	276	3263412	45.947	ng	# 93
88) Benzo(b)fluoranthene	23.762	252	2541459	45.639	ng	99
89) Benzo(k)fluoranthene	23.845	252	2543806	44.332	ng	99
90) Benzo(a)pyrene	24.657	252	2456998	45.941	ng	99
91) Dibenzo(a,h)anthracene	28.592	278	2690369	46.561	ng	99
92) Benzo(g,h,i)perylene	29.686	276	2624013	45.666	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.663 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52

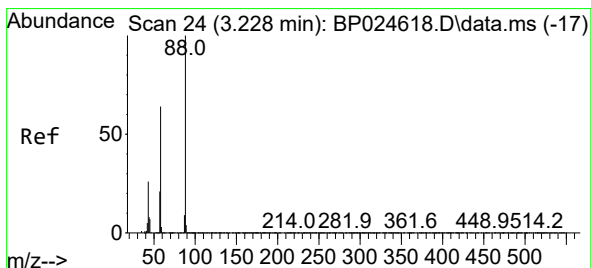
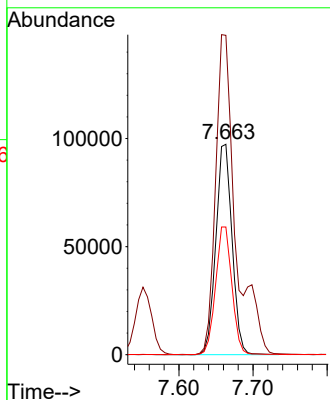
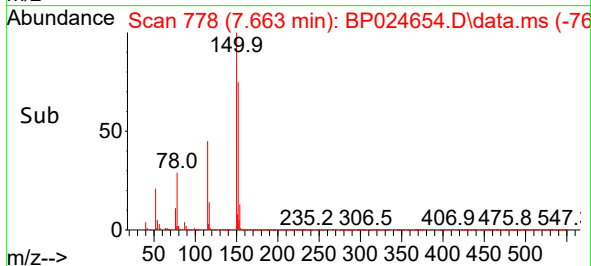
Instrument :
BNA_P
ClientSampleId :
PB168019BSD



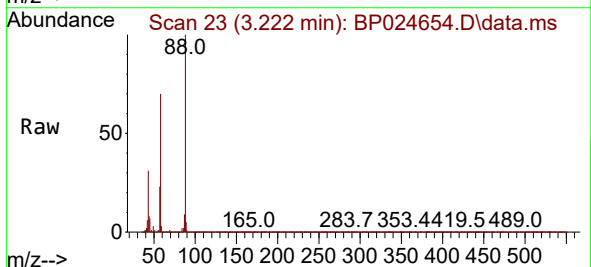
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Ion Ratio Lower Upper
152 100
150 151.7 125.9 188.9
115 60.7 50.1 75.1

Manual Integrations
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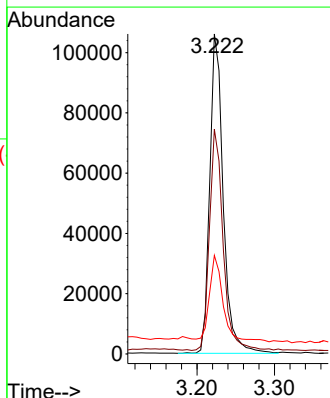
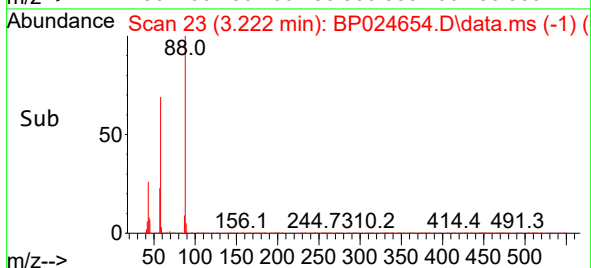
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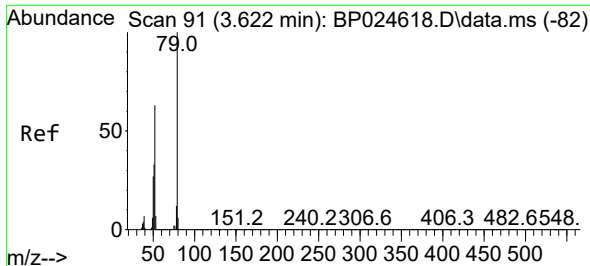


#2
1,4-Dioxane
Concen: 31.605 ng
RT: 3.222 min Scan# 23
Delta R.T. -0.006 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52



Tgt Ion: 88 Resp: 128376
Ion Ratio Lower Upper
88 100
58 70.4 54.0 81.0
43 27.5 21.4 32.0





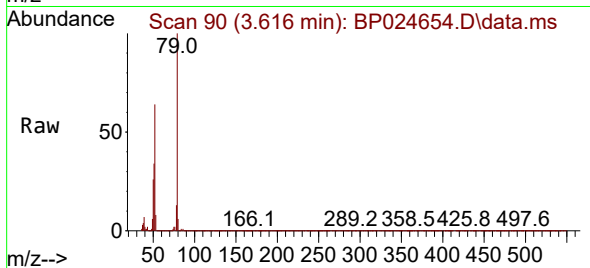
#3
 Pyridine
 Concen: 36.253 ng
 RT: 3.616 min Scan# 90
 Delta R.T. -0.006 min
 Lab File: BP024654.D
 Acq: 16 May 2025 12:52

Instrument :

BNA_P

ClientSampleId :

PB168019BSD

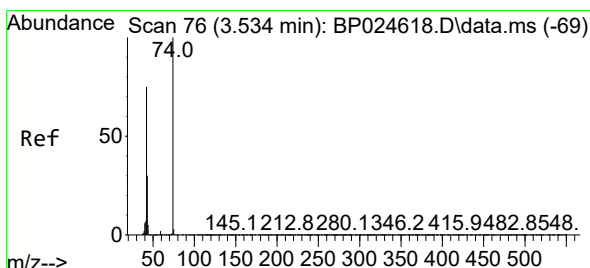
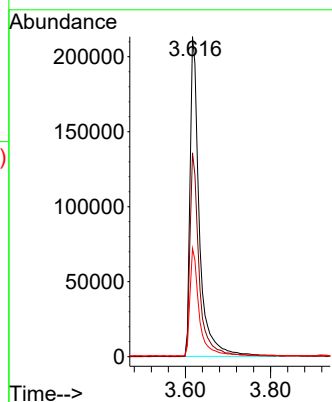
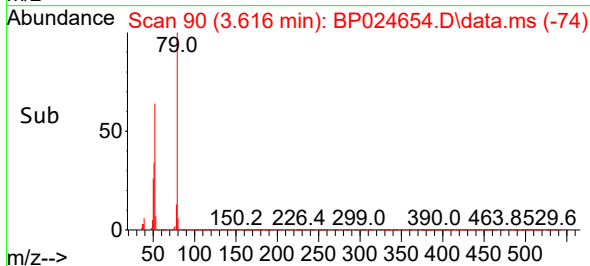


Tgt Ion: 79 Resp: 326520
 Ion Ratio Lower Upper
 79 100
 52 63.7 50.2 75.2
 51 33.8 26.8 40.2

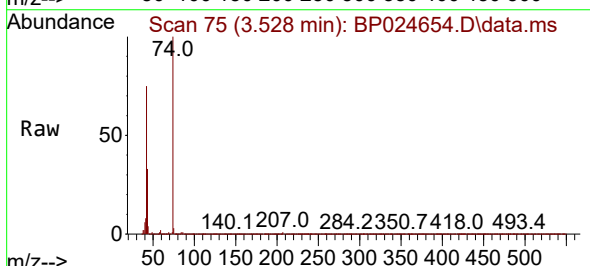
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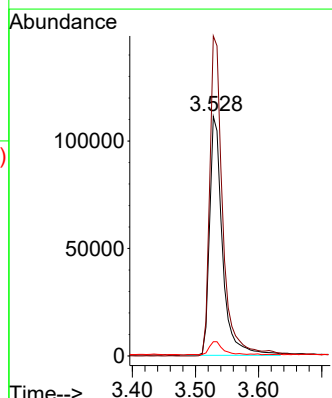
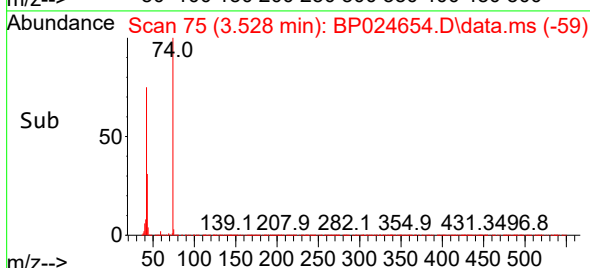
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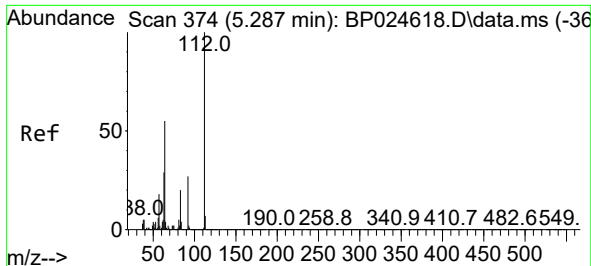


#4
 n-Nitrosodimethylamine
 Concen: 39.697 ng
 RT: 3.528 min Scan# 75
 Delta R.T. -0.006 min
 Lab File: BP024654.D
 Acq: 16 May 2025 12:52



Tgt Ion: 42 Resp: 157847
 Ion Ratio Lower Upper
 42 100
 74 133.6 106.2 159.2
 44 5.9 5.4 8.2





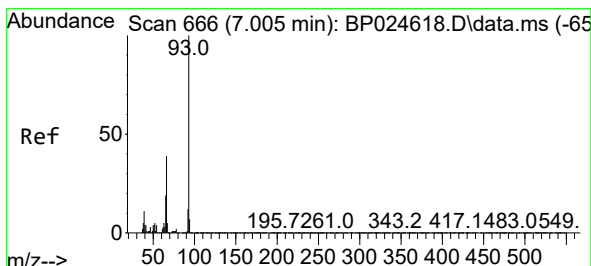
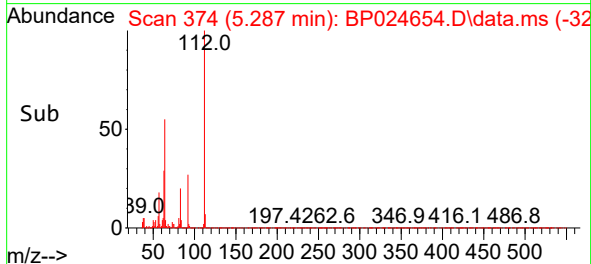
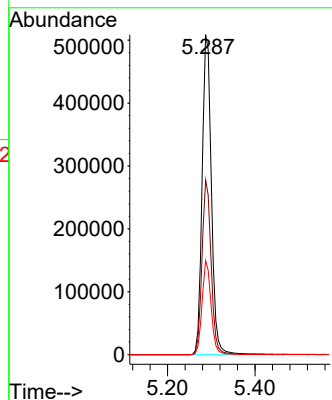
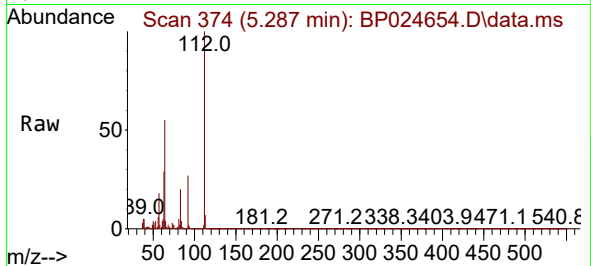
#5
2-Fluorophenol
Concen: 86.992 ng
RT: 5.287 min Scan# 374
Delta R.T. -0.000 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52

Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 752510
Ion Ratio Lower Upper
112 100
64 54.6 44.1 66.1
63 29.4 23.5 35.3

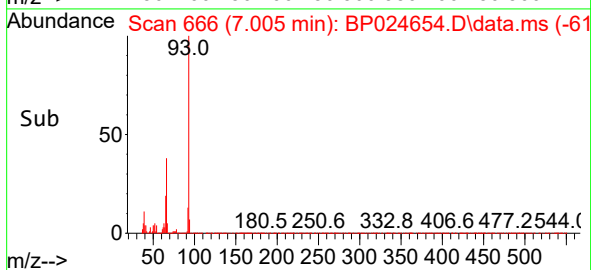
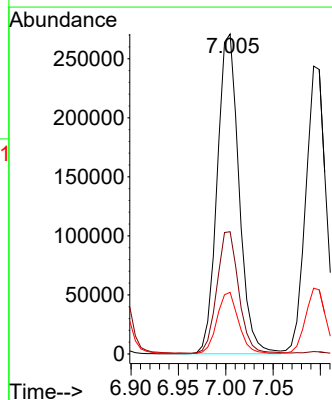
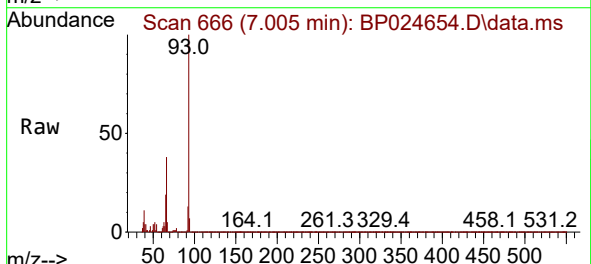
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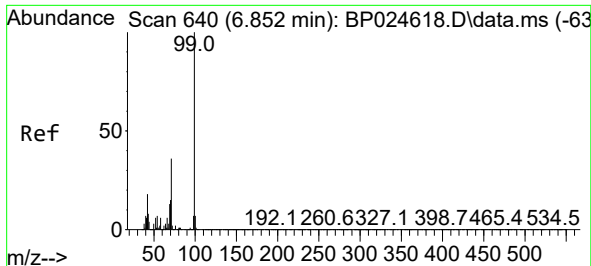
Reviewed By :Rahul Chavli 05/19/2025
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#6
Aniline
Concen: 30.472 ng
RT: 7.005 min Scan# 666
Delta R.T. -0.000 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52

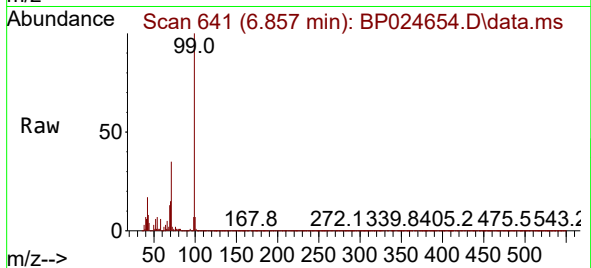
Tgt Ion: 93 Resp: 434340
Ion Ratio Lower Upper
93 100
66 38.2 31.0 46.6
65 19.3 15.5 23.3





#7
Phenol-d6
Concen: 83.984 ng
RT: 6.857 min Scan# 640
Delta R.T. 0.006 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52

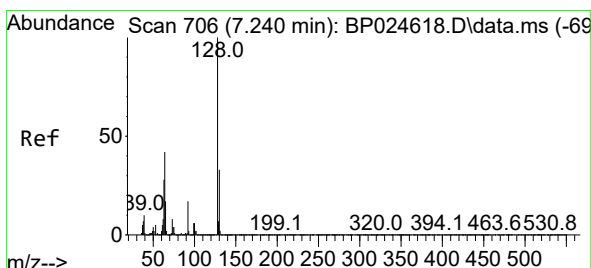
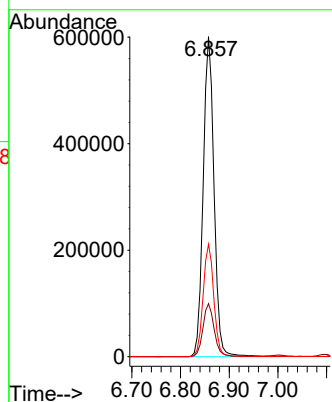
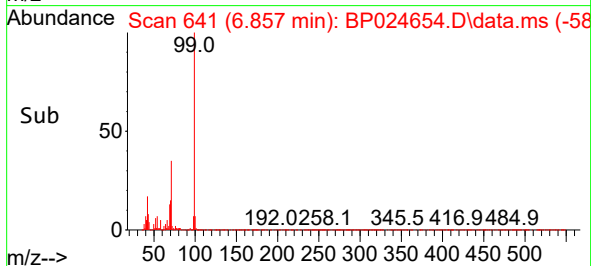
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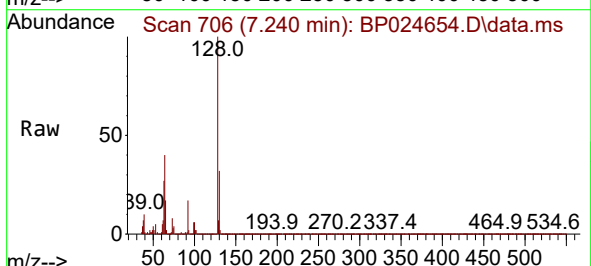
Tgt Ion: 99 Resp: 92719
Ion Ratio Lower Upper
99 100
42 16.6 14.4 21.6
71 35.2 29.2 43.8

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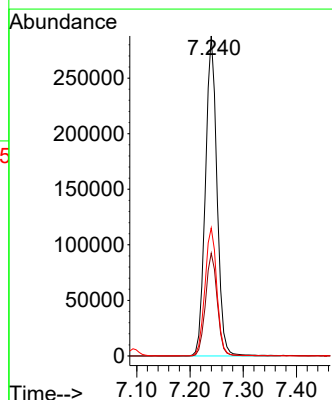
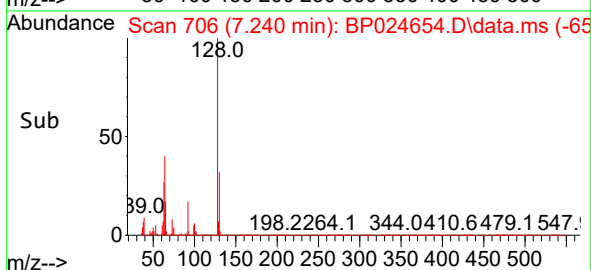
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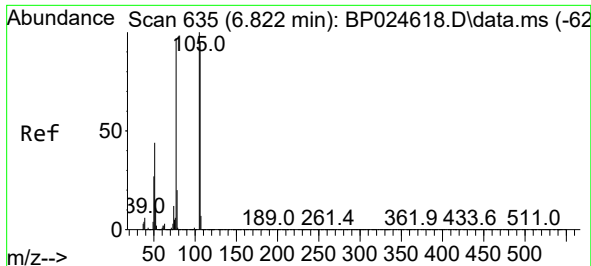


#8
2-Chlorophenol
Concen: 44.348 ng
RT: 7.240 min Scan# 706
Delta R.T. -0.000 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52



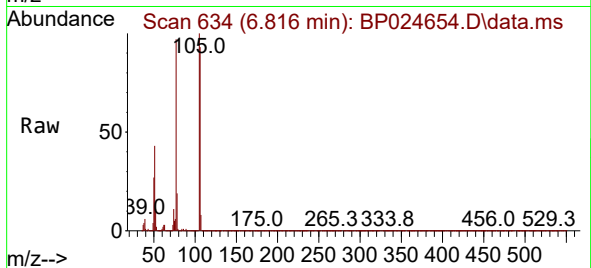
Tgt Ion:128 Resp: 435499
Ion Ratio Lower Upper
128 100
130 32.1 13.0 53.0
64 40.0 22.3 62.3





#9
Benzaldehyde
Concen: 36.732 ng
RT: 6.816 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52

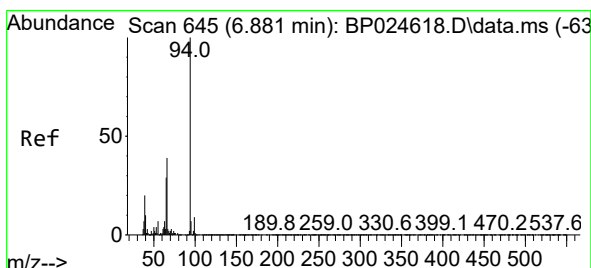
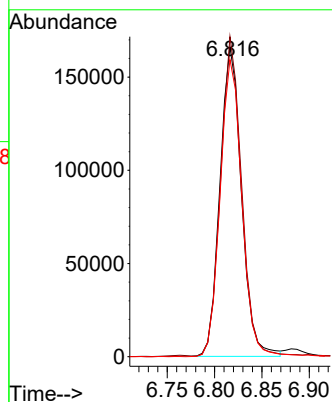
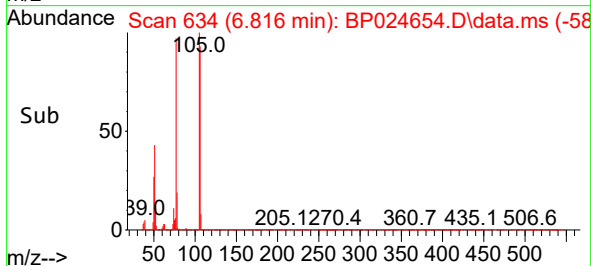
Instrument :
BNA_P
ClientSampleId :
PB168019BSD



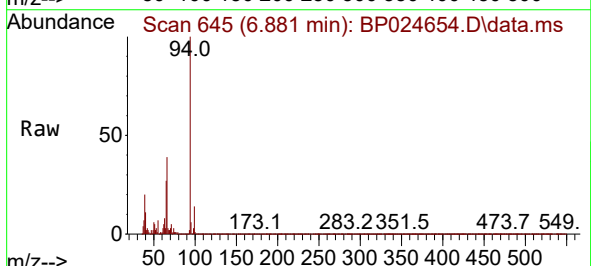
Tgt Ion: 77 Resp: 262514
Ion Ratio Lower Upper
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105 103.4 83.3 123.3
106 96.0 78.0 118.0

Manual Integrations
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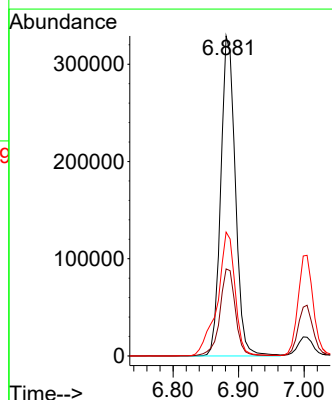
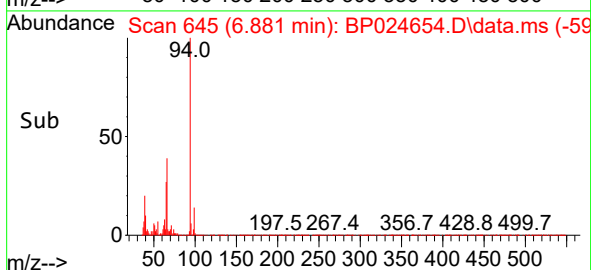
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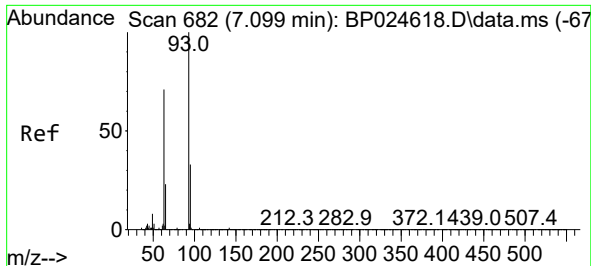


#10
Phenol
Concen: 44.255 ng
RT: 6.881 min Scan# 645
Delta R.T. -0.000 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52



Tgt Ion: 94 Resp: 504277
Ion Ratio Lower Upper
94 100
65 27.2 8.7 48.7
66 38.7 19.4 59.4





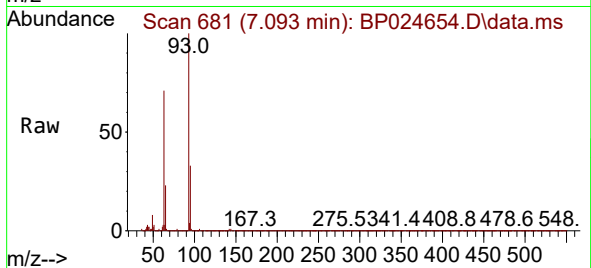
#11
bis(2-Chloroethyl)ether
Concen: 39.454 ng
RT: 7.093 min Scan# 682
Delta R.T. -0.006 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52

Instrument :

BNA_P

ClientSampleId :

PB168019BSD



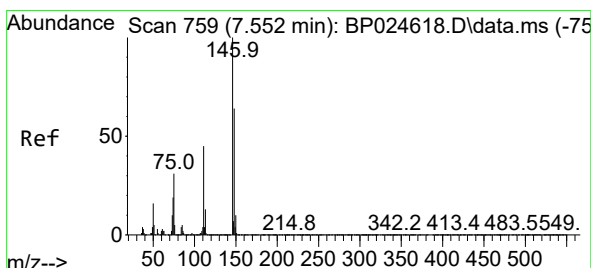
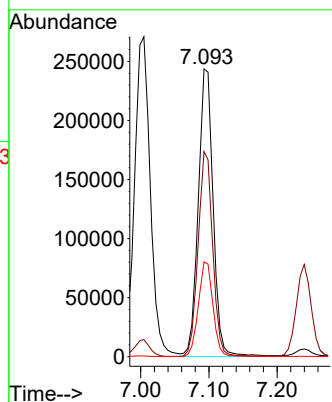
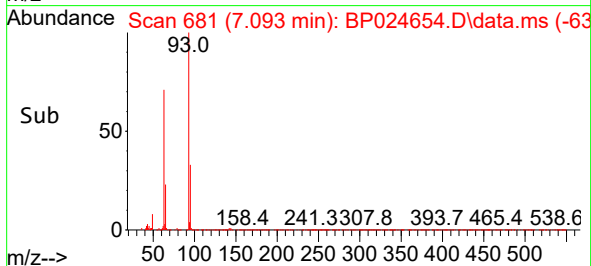
Tgt Ion: 93 Resp: 369408
Ion Ratio Lower Upper
93 100
63 71.3 50.6 90.6
95 33.0 12.9 52.9

Manual Integrations

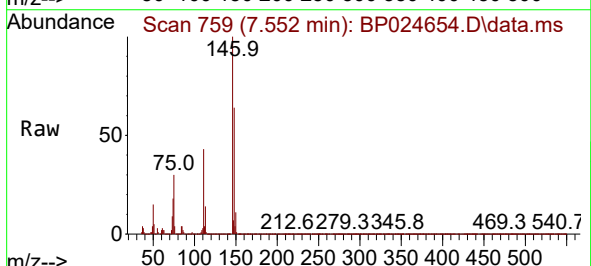
APPROVED

Reviewed By :Rahul Chavli 05/19/2025

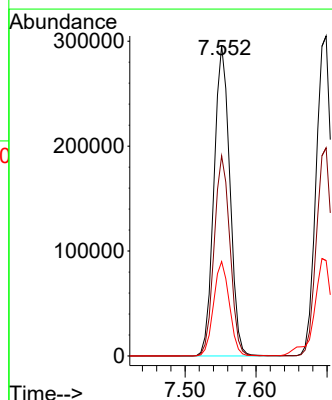
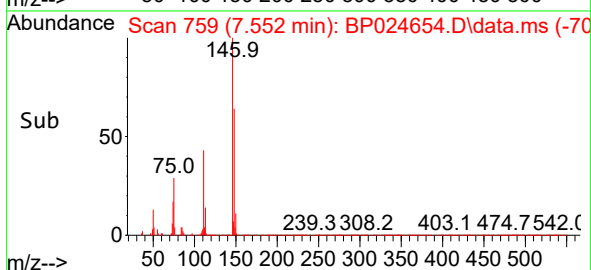
Supervised By :Jagrut Upadhyay 05/19/2025

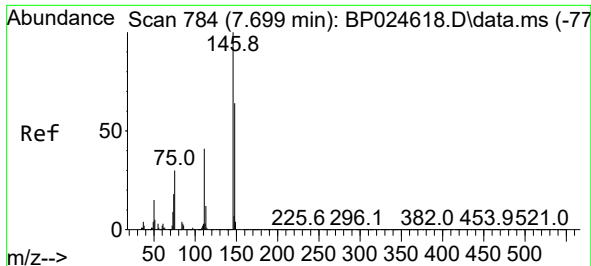


#12
1,3-Dichlorobenzene
Concen: 40.619 ng
RT: 7.552 min Scan# 759
Delta R.T. -0.000 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52



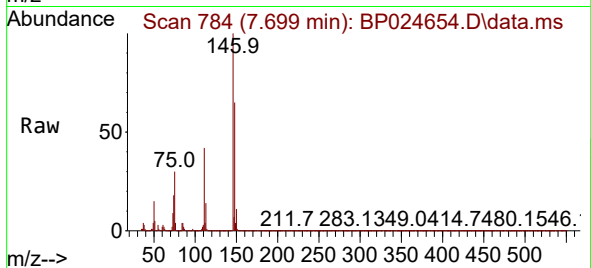
Tgt Ion:146 Resp: 458912
Ion Ratio Lower Upper
146 100
148 64.5 51.4 77.2
75 30.4 25.2 37.8





#13
1,4-Dichlorobenzene
Concen: 41.449 ng
RT: 7.699 min Scan# 784
Delta R.T. -0.000 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52

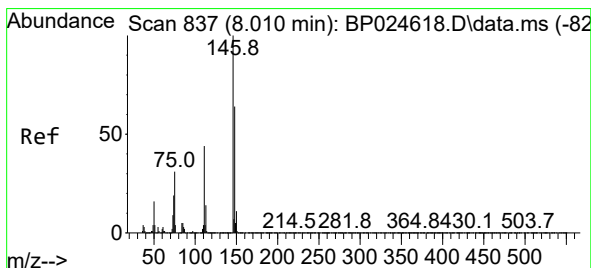
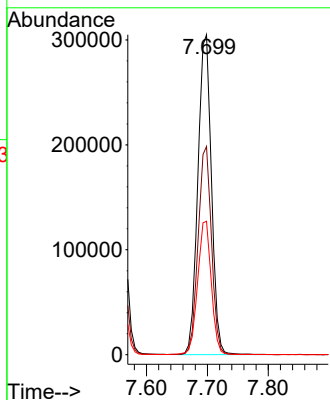
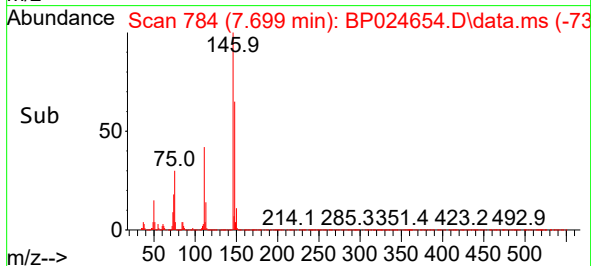
Instrument :
BNA_P
ClientSampleId :
PB168019BSD



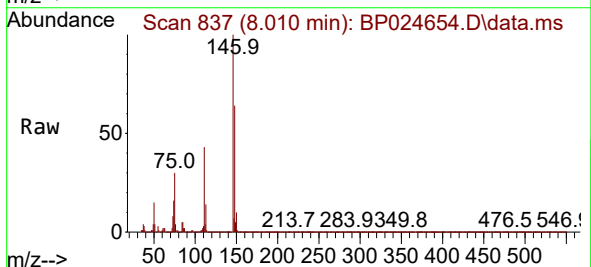
Tgt Ion:146 Resp: 47098
Ion Ratio Lower Upper
146 100
148 65.0 51.0 76.6
111 41.7 33.0 49.6

Manual Integrations
APPROVED

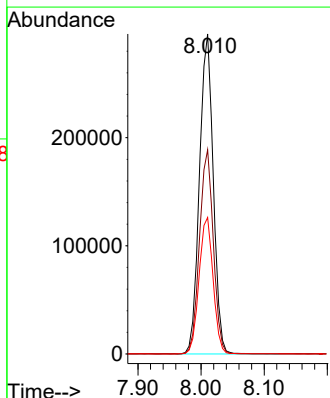
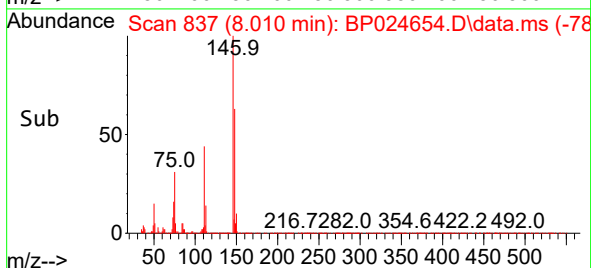
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

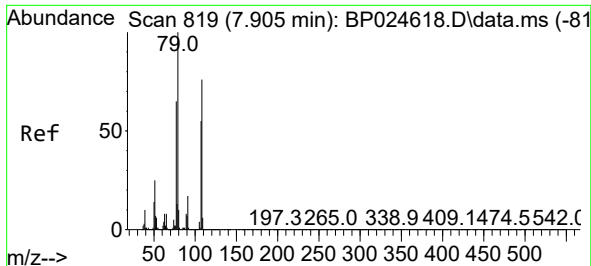


#14
1,2-Dichlorobenzene
Concen: 40.576 ng
RT: 8.010 min Scan# 837
Delta R.T. -0.000 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52



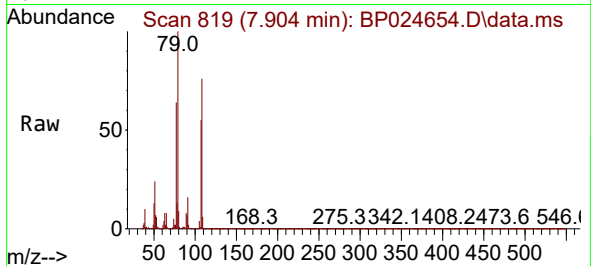
Tgt Ion:146 Resp: 449280
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.4
111 42.6 35.2 52.8





#15
Benzyl Alcohol
Concen: 42.424 ng
RT: 7.904 min Scan# 819
Delta R.T. -0.000 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52

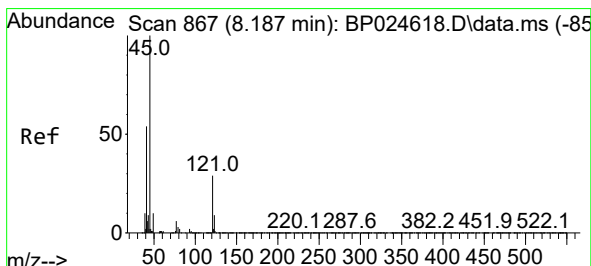
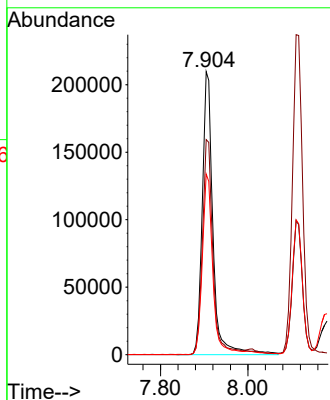
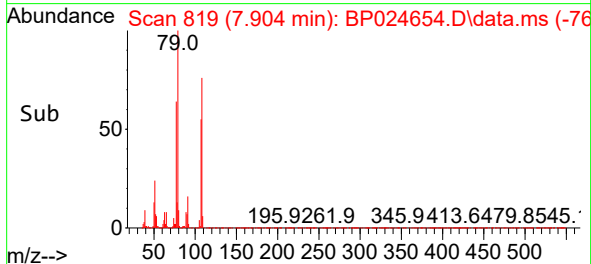
Instrument :
BNA_P
ClientSampleId :
PB168019BSD



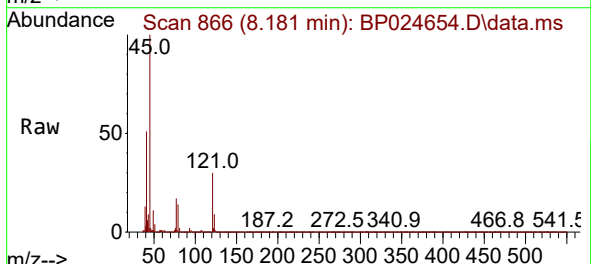
Tgt Ion: 79 Resp: 355925
Ion Ratio Lower Upper
79 100
108 76.0 60.8 91.2
77 63.8 51.9 77.9

Manual Integrations
APPROVED

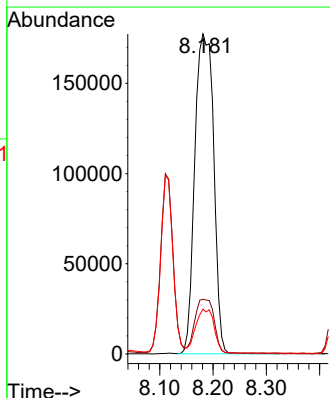
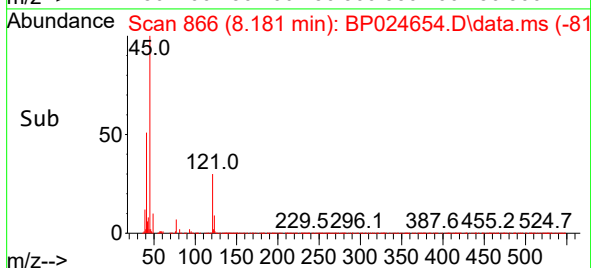
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

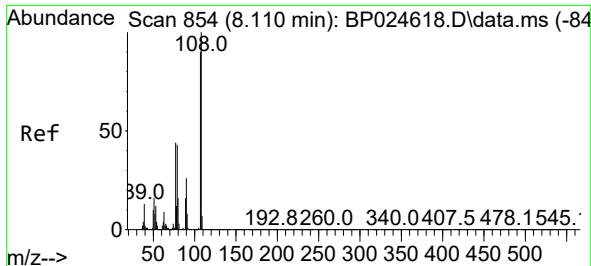


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.828 ng
RT: 8.181 min Scan# 866
Delta R.T. -0.006 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52



Tgt Ion: 45 Resp: 435386
Ion Ratio Lower Upper
45 100
77 17.1 0.0 37.7
79 14.0 0.0 34.0





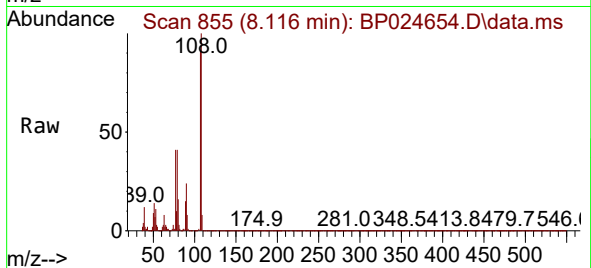
#17
2-Methylphenol
Concen: 42.748 ng
RT: 8.116 min Scan# 854
Delta R.T. 0.006 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52

Instrument :

BNA_P

ClientSampleId :

PB168019BSD



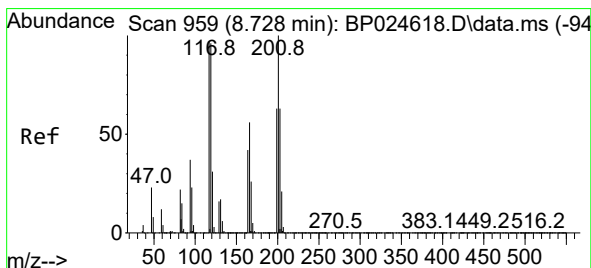
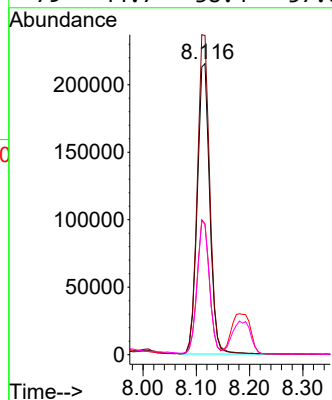
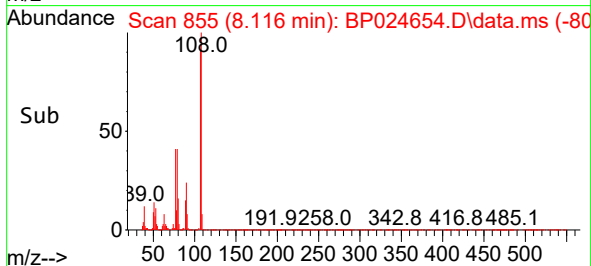
Tgt Ion:107 Resp: 349368
Ion Ratio Lower Upper
107 100
108 109.7 88.9 133.3
77 45.0 39.0 58.6
79 44.7 38.4 57.6

Manual Integrations

APPROVED

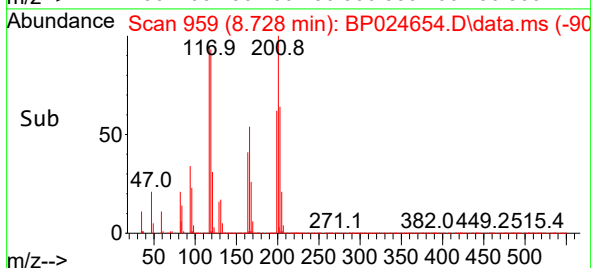
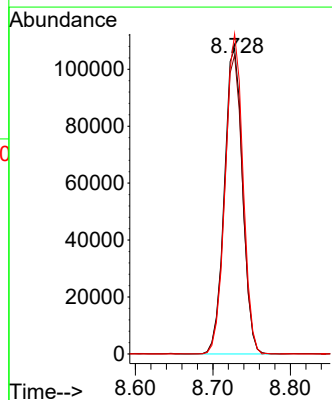
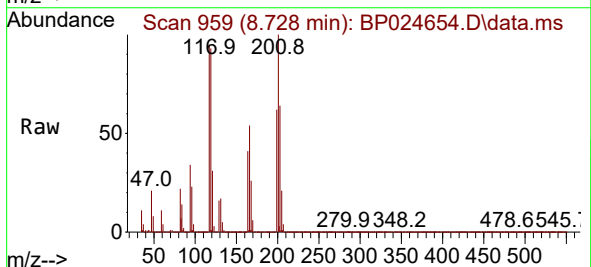
Reviewed By :Rahul Chavli 05/19/2025

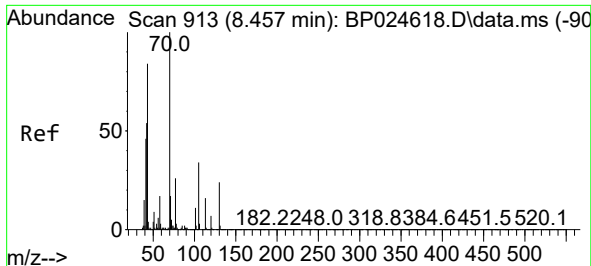
Supervised By :Jagrut Upadhyay 05/19/2025



#18
Hexachloroethane
Concen: 40.289 ng
RT: 8.728 min Scan# 959
Delta R.T. -0.000 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52

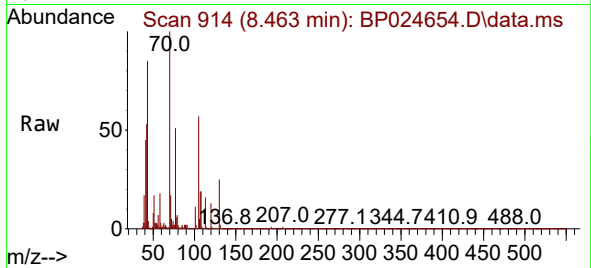
Tgt Ion:117 Resp: 175434
Ion Ratio Lower Upper
117 100
119 97.9 79.4 119.0
201 104.8 82.7 124.1





#19
n-Nitroso-di-n-propylamine
Concen: 37.426 ng
RT: 8.463 min Scan# 913
Delta R.T. 0.006 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52

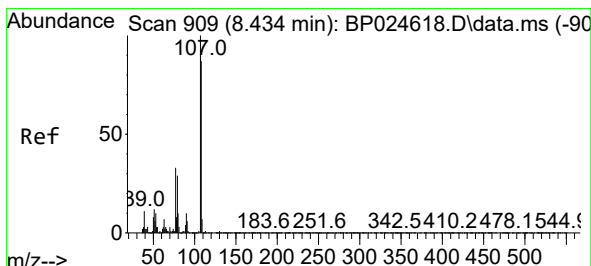
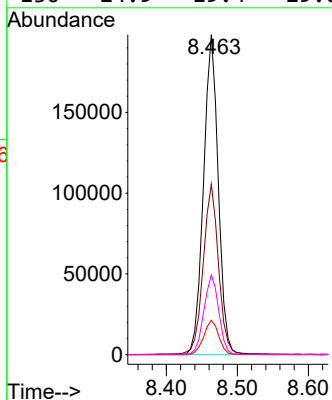
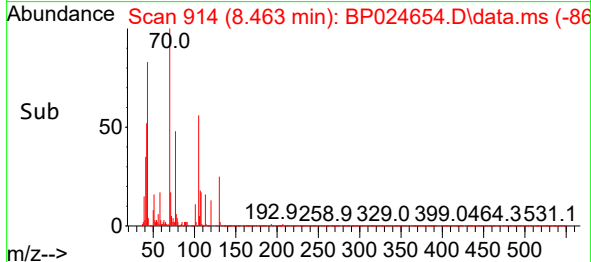
Instrument :
BNA_P
ClientSampleId :
PB168019BSD



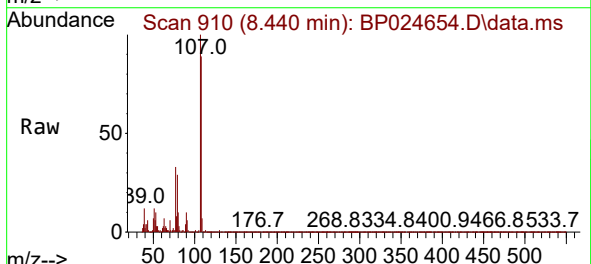
Tgt Ion: 70 Resp: 285818
Ion Ratio Lower Upper
70 100
42 53.3 43.0 64.6
101 10.8 8.7 13.1
130 24.9 19.4 29.0

Manual Integrations
APPROVED

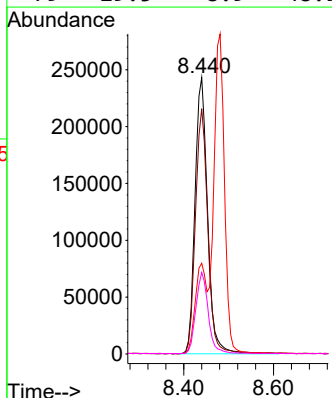
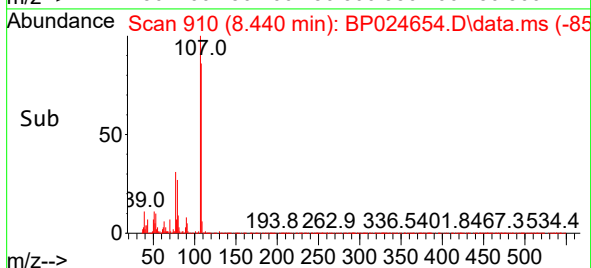
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

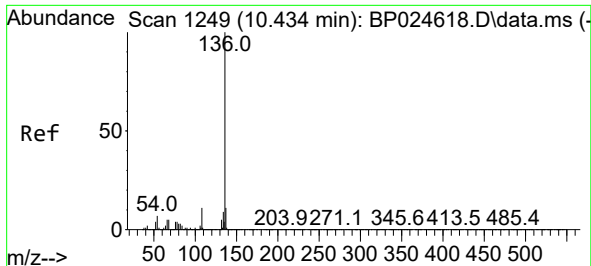


#20
3+4-Methylphenols
Concen: 42.399 ng
RT: 8.440 min Scan# 910
Delta R.T. 0.006 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52



Tgt Ion:107 Resp: 471356
Ion Ratio Lower Upper
107 100
108 88.8 66.7 106.7
77 32.8 13.1 53.1
79 29.5 8.9 48.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52

Instrument :

BNP_P

ClientSampleId :

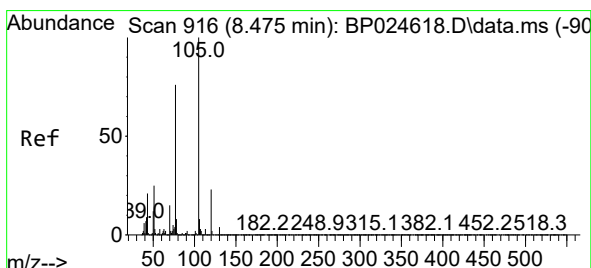
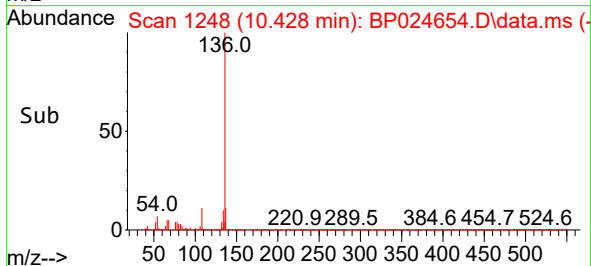
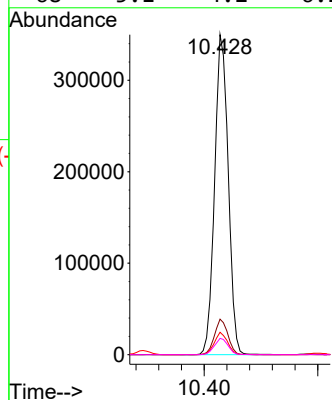
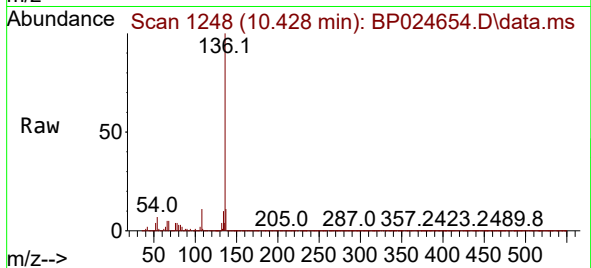
PB168019BSD

Tgt Ion:136 Resp: 579800
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.0 5.5 8.3
68 5.1 4.2 6.2

Manual Integrations

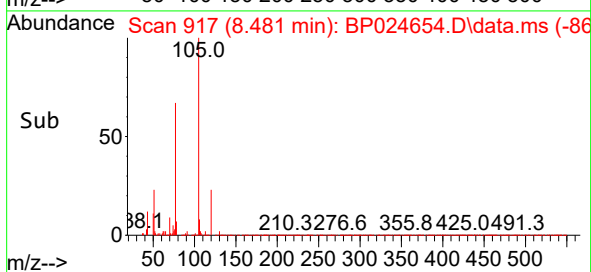
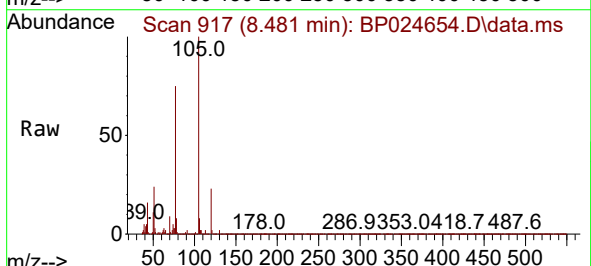
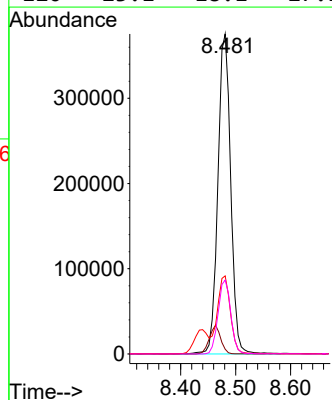
APPROVED

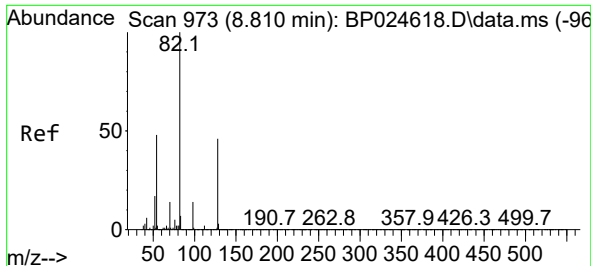
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025



#22
Acetophenone
Concen: 42.020 ng
RT: 8.481 min Scan# 917
Delta R.T. 0.006 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52

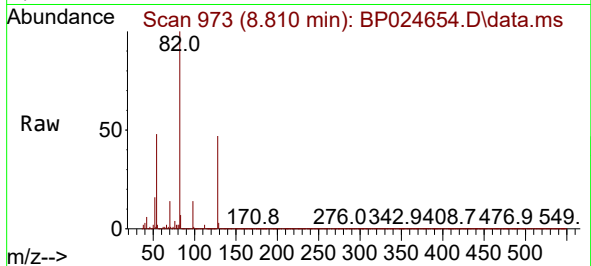
Tgt Ion:105 Resp: 608591
Ion Ratio Lower Upper
105 100
71 1.5 2.0 3.0#
51 24.4 20.4 30.6
120 23.1 18.1 27.1





#23
Nitrobenzene-d5
Concen: 75.070 ng
RT: 8.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52

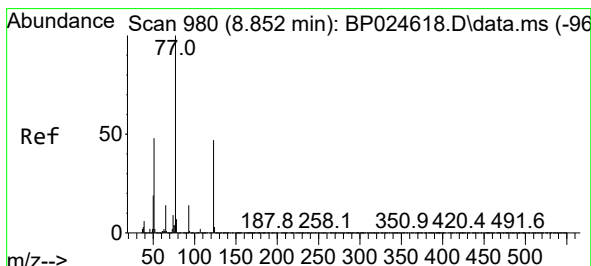
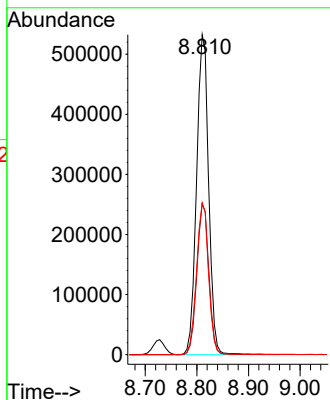
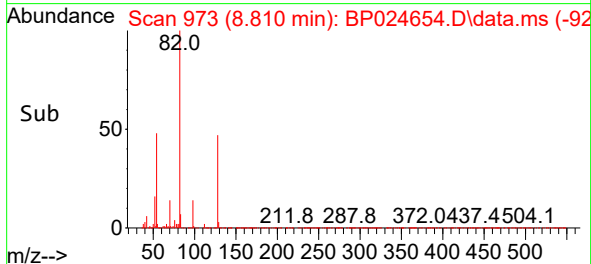
Instrument :
BNA_P
ClientSampleId :
PB168019BSD



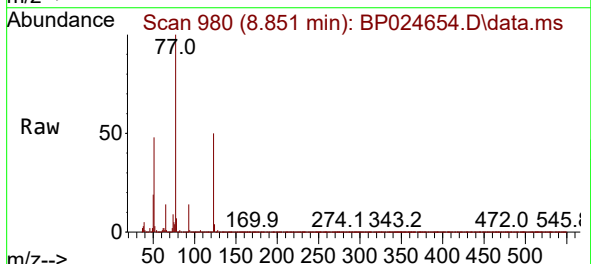
Tgt Ion: 82 Resp: 86145
Ion Ratio Lower Upper
82 100
128 47.1 37.0 55.4
54 47.5 38.7 58.1

Manual Integrations
APPROVED

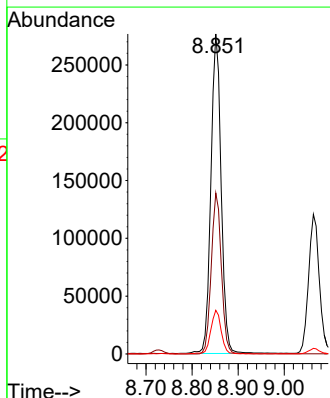
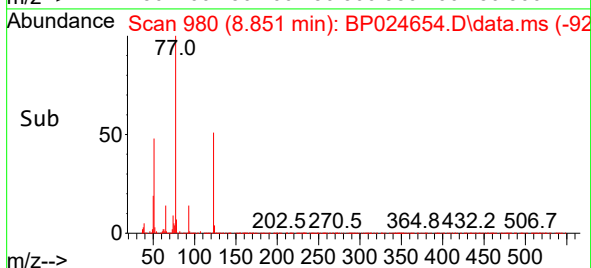
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

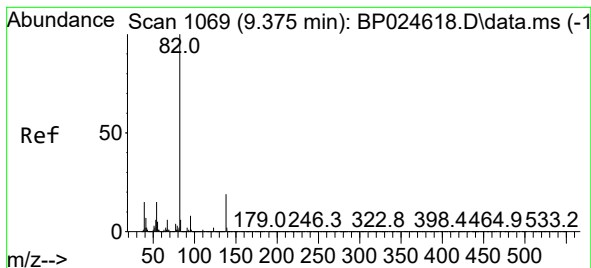


#24
Nitrobenzene
Concen: 42.356 ng
RT: 8.851 min Scan# 980
Delta R.T. -0.000 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52



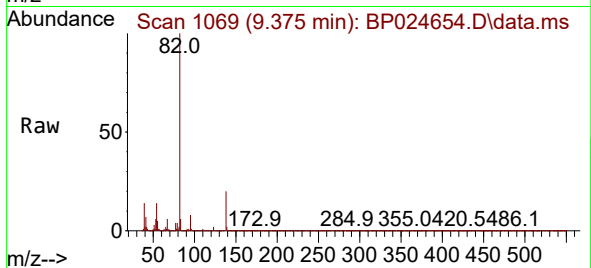
Tgt Ion: 77 Resp: 427725
Ion Ratio Lower Upper
77 100
123 50.3 37.4 56.0
65 13.7 11.3 16.9





#25
Isophorone
Concen: 40.480 ng
RT: 9.375 min Scan# 1069
Delta R.T. -0.000 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52

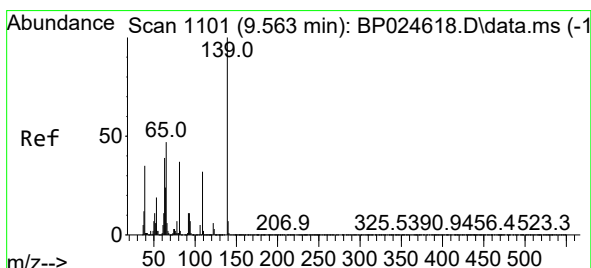
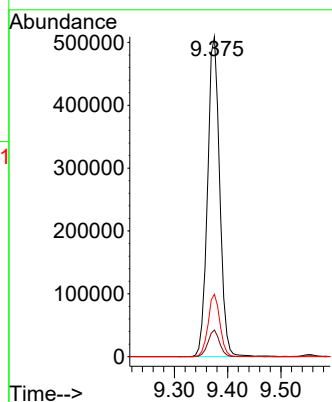
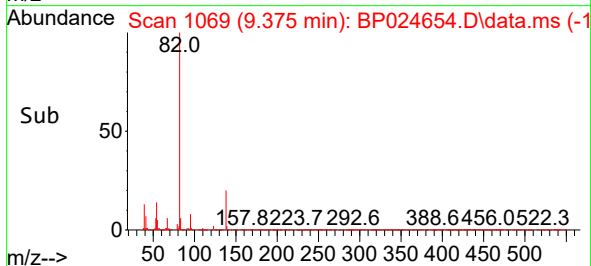
Instrument :
BNA_P
ClientSampleId :
PB168019BSD



Tgt Ion: 82 Resp: 805775
Ion Ratio Lower Upper
82 100
95 8.3 6.3 9.5
138 19.5 15.3 22.9

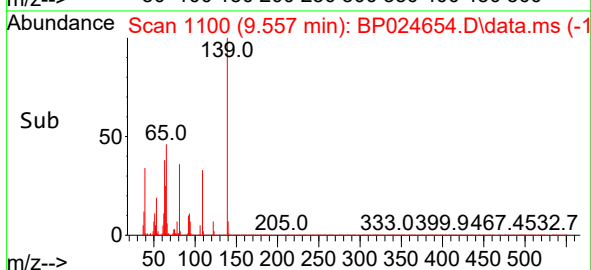
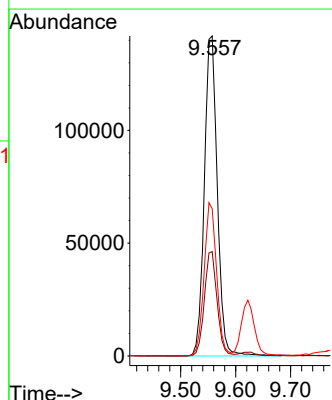
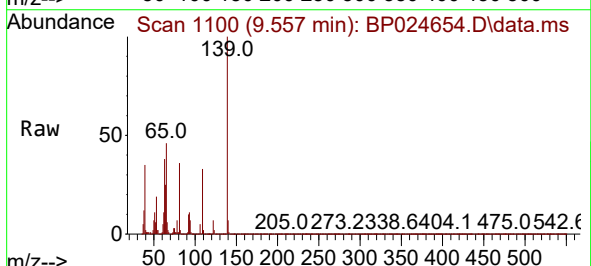
Manual Integrations
APPROVED

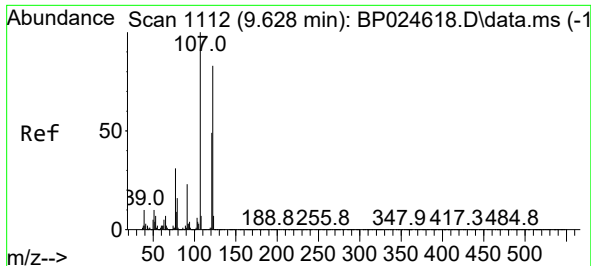
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025



#26
2-Nitrophenol
Concen: 46.867 ng
RT: 9.557 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52

Tgt Ion:139 Resp: 231916
Ion Ratio Lower Upper
139 100
109 32.6 25.9 38.9
65 46.0 37.9 56.9





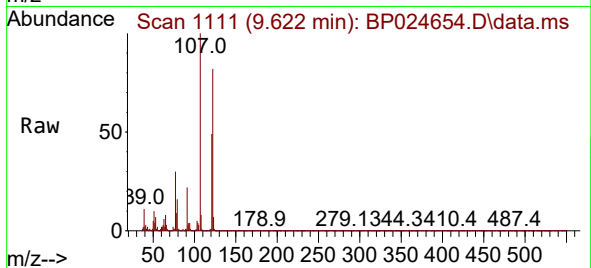
#27
2,4-Dimethylphenol
Concen: 45.252 ng
RT: 9.622 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52

Instrument :

BNA_P

ClientSampleId :

PB168019BSD



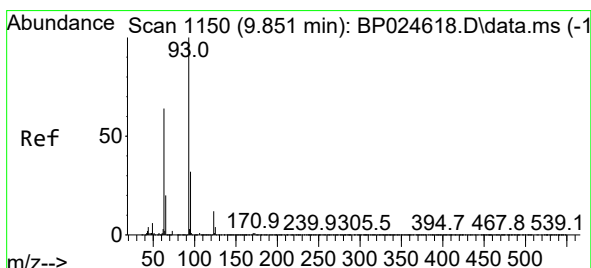
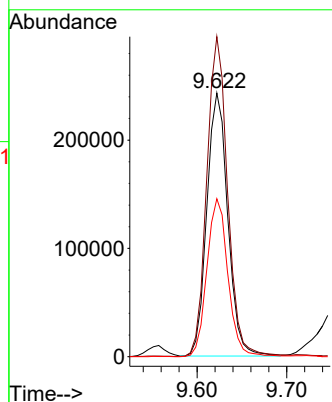
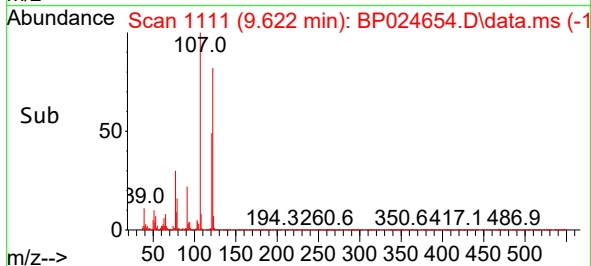
Tgt Ion:122 Resp: 394802
Ion Ratio Lower Upper
122 100
107 121.3 96.2 144.2
121 59.9 47.6 71.4

Manual Integrations

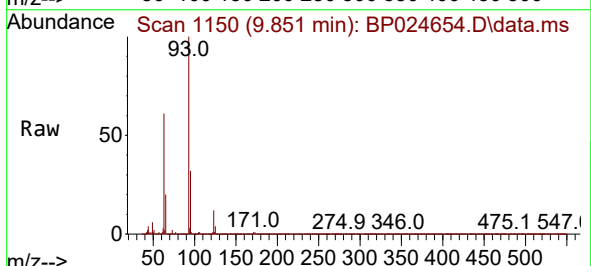
APPROVED

Reviewed By :Rahul Chavli 05/19/2025

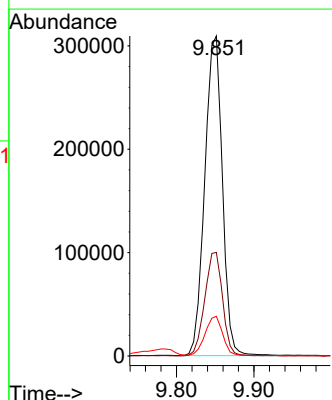
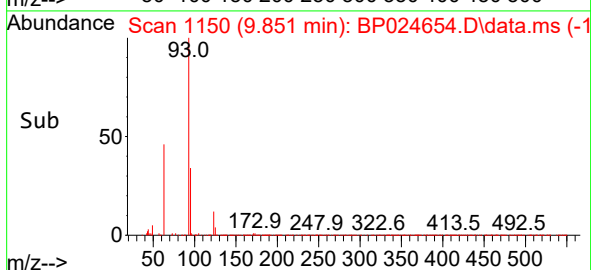
Supervised By :Jagrut Upadhyay 05/19/2025

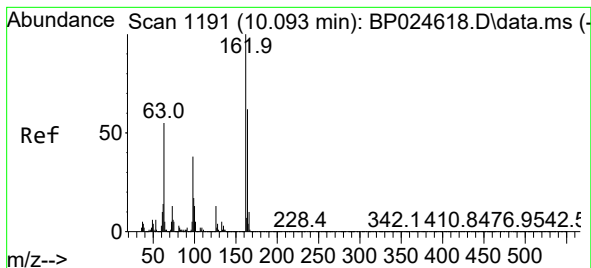


#28
bis(2-Chloroethoxy)methane
Concen: 41.070 ng
RT: 9.851 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52



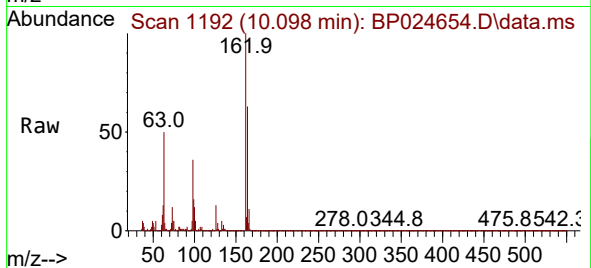
Tgt Ion: 93 Resp: 488418
Ion Ratio Lower Upper
93 100
95 32.3 25.5 38.3
123 12.4 9.7 14.5





#29
2,4-Dichlorophenol
Concen: 46.429 ng
RT: 10.098 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52

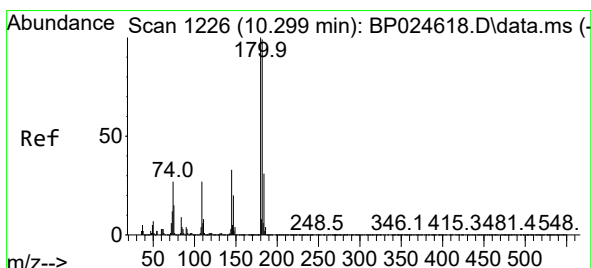
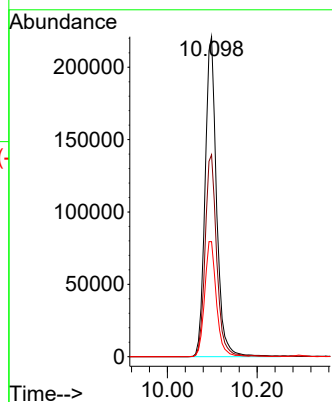
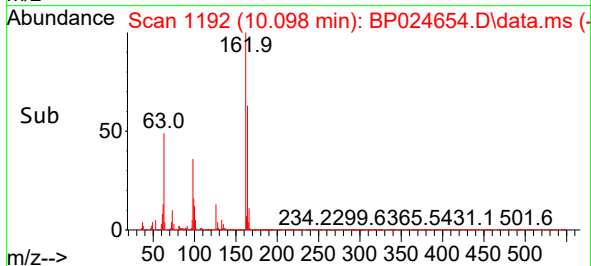
Instrument :
BNA_P
ClientSampleId :
PB168019BSD



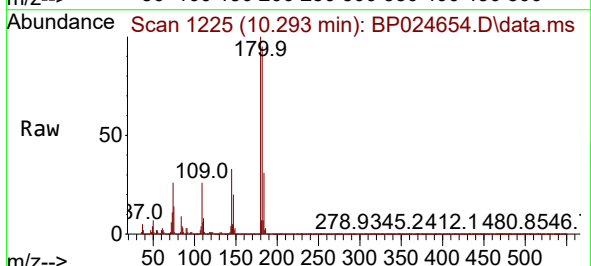
Tgt Ion:162 Resp: 392538
Ion Ratio Lower Upper
162 100
164 63.1 42.3 82.3
98 36.0 18.4 58.4

Manual Integrations
APPROVED

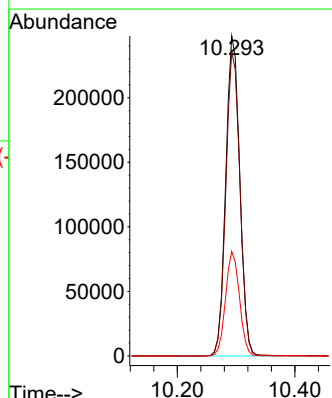
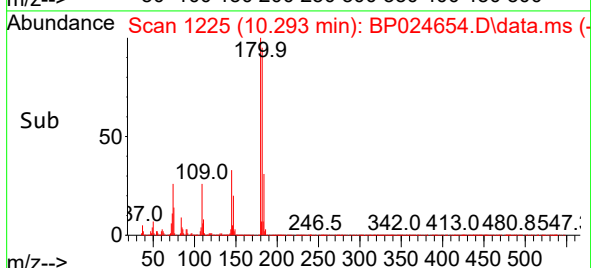
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

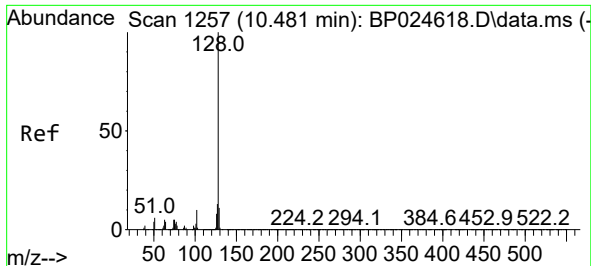


#30
1,2,4-Trichlorobenzene
Concen: 43.002 ng
RT: 10.293 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52



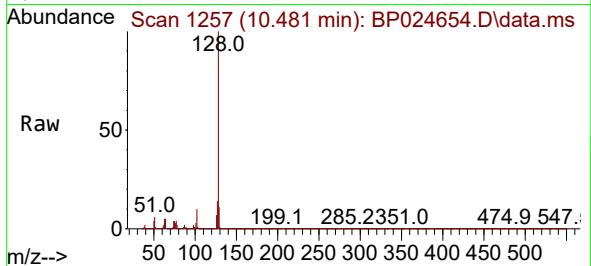
Tgt Ion:180 Resp: 409692
Ion Ratio Lower Upper
180 100
182 95.1 79.0 118.4
145 32.7 26.6 39.8





#31
Naphthalene
Concen: 42.489 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.000 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52

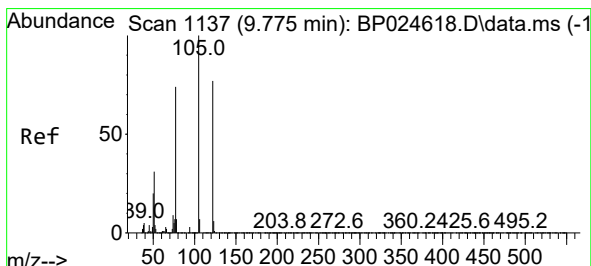
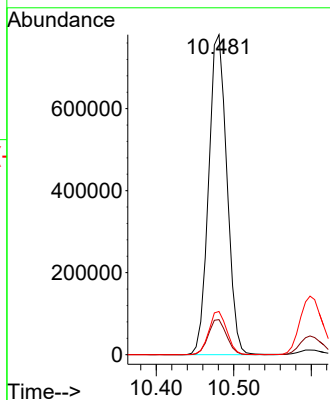
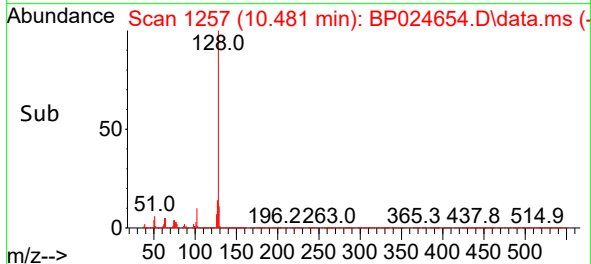
Instrument :
BNA_P
ClientSampleId :
PB168019BSD



Tgt Ion:128 Resp: 1276618
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.5 10.7 16.1

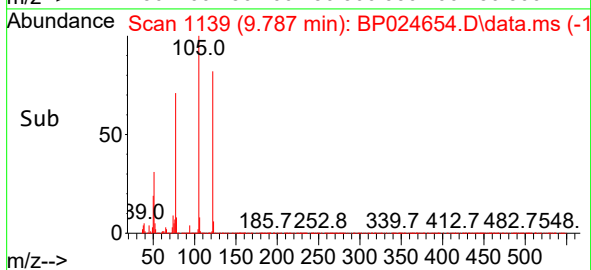
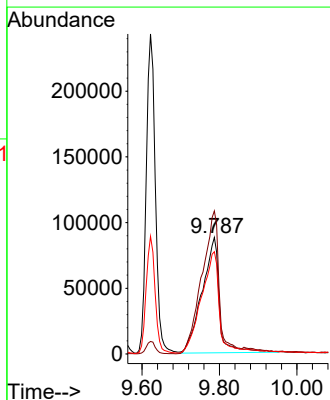
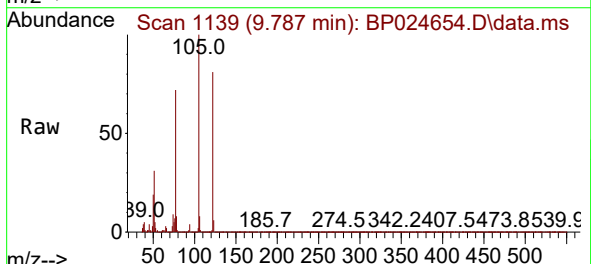
Manual Integrations
APPROVED

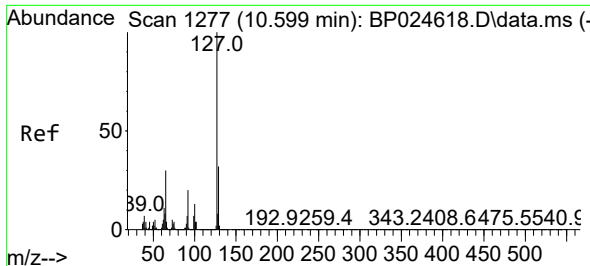
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025



#32
Benzoic acid
Concen: 45.524 ng
RT: 9.787 min Scan# 1139
Delta R.T. 0.012 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52

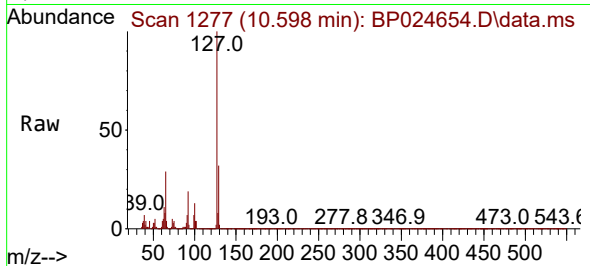
Tgt Ion:122 Resp: 273730
Ion Ratio Lower Upper
122 100
105 122.7 106.9 146.9
77 87.8 75.1 115.1





#33
4-Chloroaniline
Concen: 25.207 ng
RT: 10.598 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52

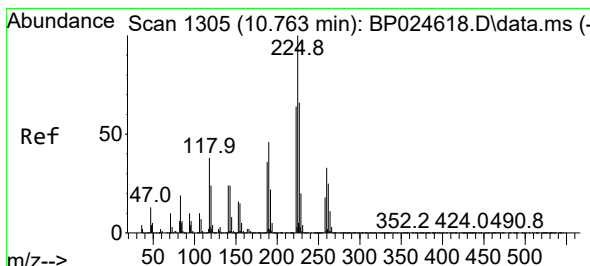
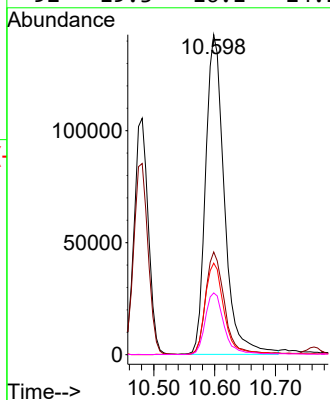
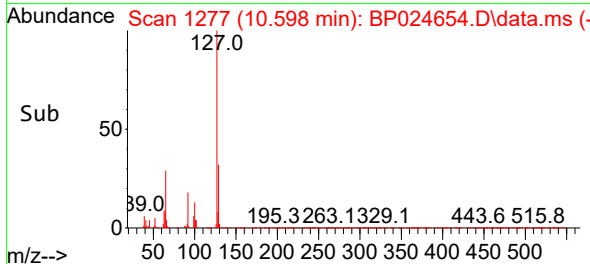
Instrument :
BNA_P
ClientSampleId :
PB168019BSD



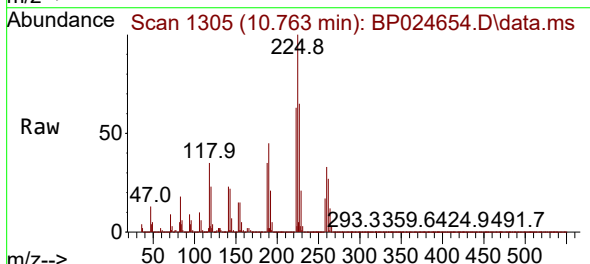
Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.8	38.6
65	28.6	23.9	35.9
92	19.3	16.1	24.1

Manual Integrations
APPROVED

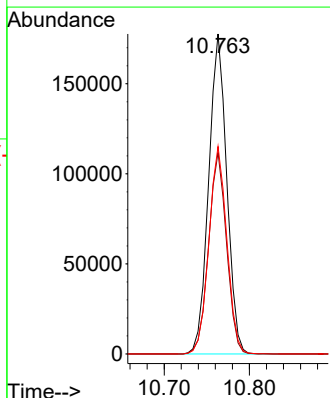
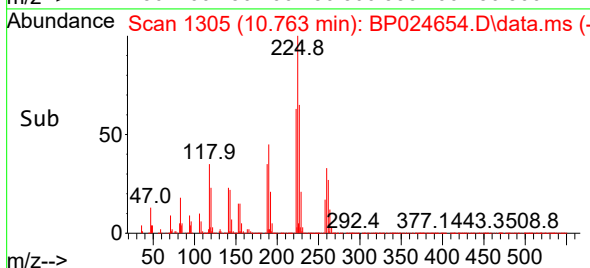
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

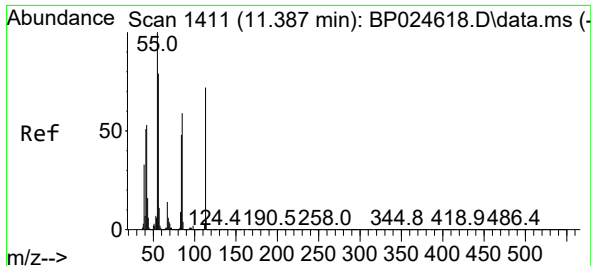


#34
Hexachlorobutadiene
Concen: 42.334 ng
RT: 10.763 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52



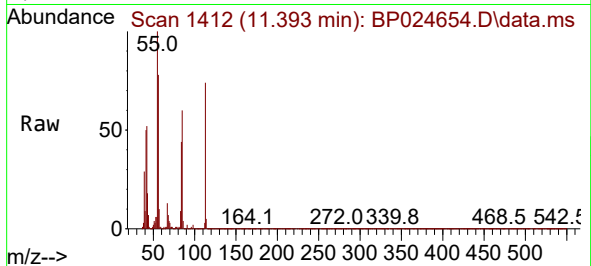
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.0	76.6
227	64.9	53.1	79.7





#35
Caprolactam
Concen: 45.022 ng
RT: 11.393 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52

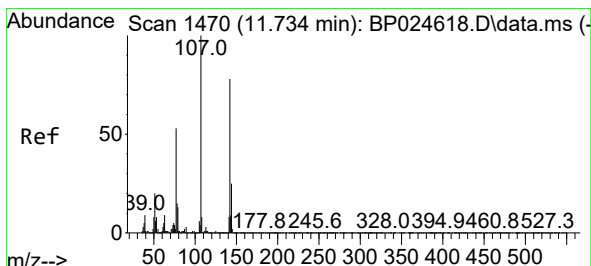
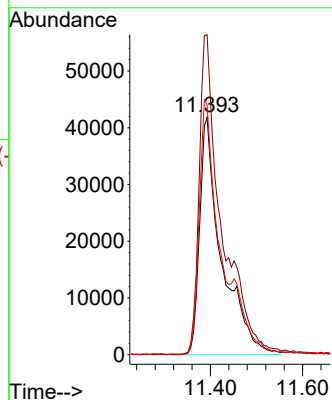
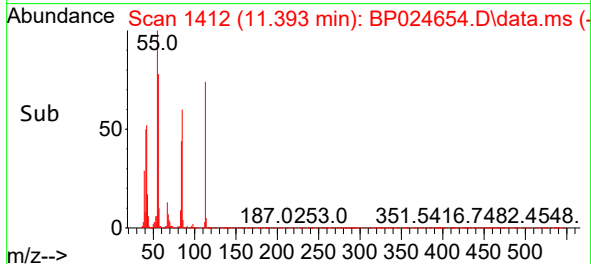
Instrument :
BNA_P
ClientSampleId :
PB168019BSD



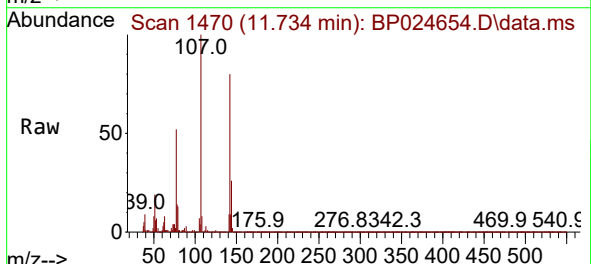
Tgt Ion:113 Resp: 13771
Ion Ratio Lower Upper
113 100
55 134.9 119.0 159.0
56 105.3 90.3 130.3

Manual Integrations
APPROVED

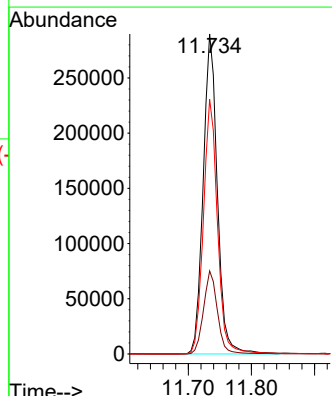
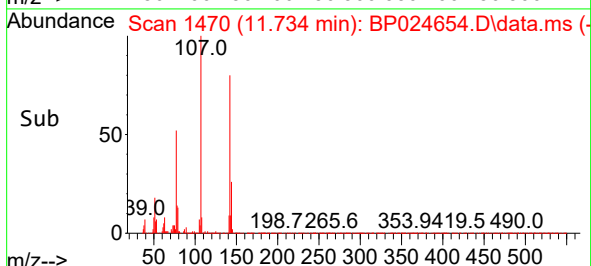
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

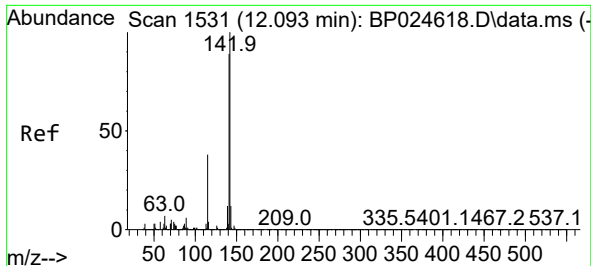


#36
4-Chloro-3-methylphenol
Concen: 43.899 ng
RT: 11.734 min Scan# 1470
Delta R.T. -0.000 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52



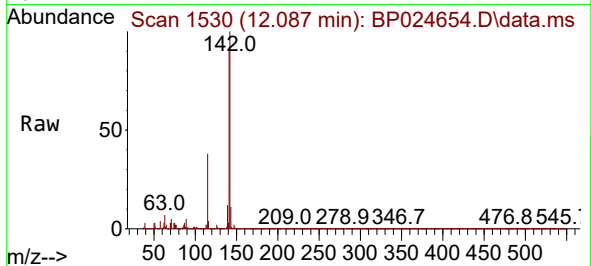
Tgt Ion:107 Resp: 452611
Ion Ratio Lower Upper
107 100
144 26.0 20.1 30.1
142 79.6 62.1 93.1





#37
2-Methylnaphthalene
Concen: 41.818 ng
RT: 12.087 min Scan# 1530
Delta R.T. -0.006 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52

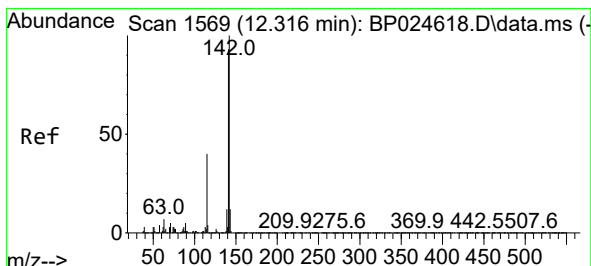
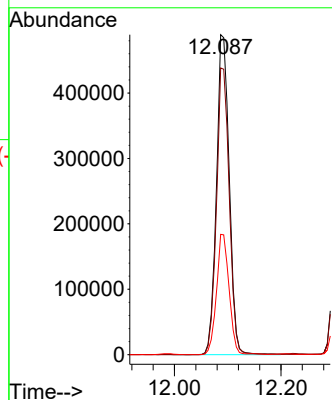
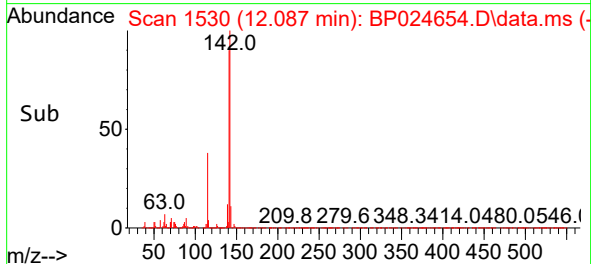
Instrument :
BNA_P
ClientSampleId :
PB168019BSD



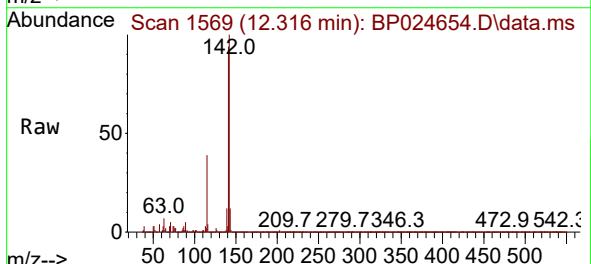
Tgt Ion:142 Resp: 81358
Ion Ratio Lower Upper
142 100
141 89.6 71.2 106.8
115 37.6 30.6 46.0

Manual Integrations
APPROVED

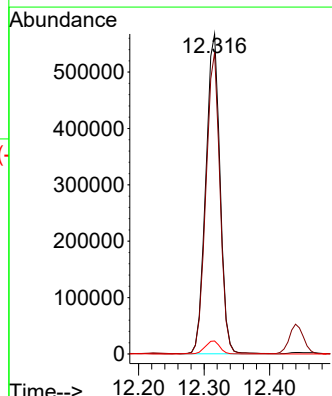
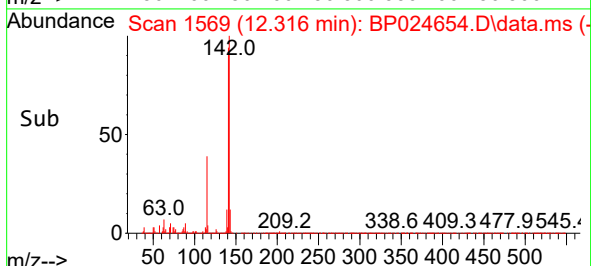
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

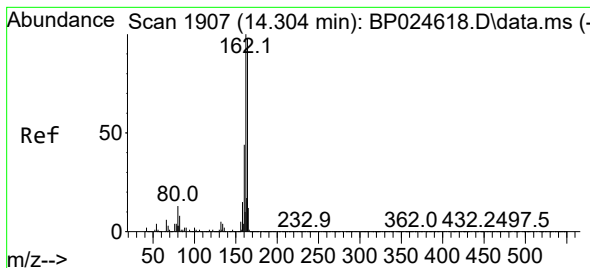


#38
1-Methylnaphthalene
Concen: 41.121 ng
RT: 12.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52



Tgt Ion:142 Resp: 855997
Ion Ratio Lower Upper
142 100
141 94.2 74.7 112.1
116 4.0 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.292 min Scan# 1905

Delta R.T. -0.012 min

Lab File: BP024654.D

Acq: 16 May 2025 12:52

Instrument :

BNA_P

ClientSampleId :

PB168019BSD

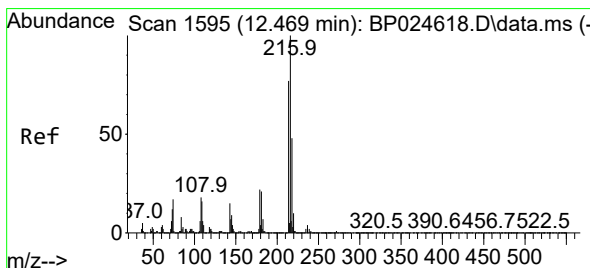
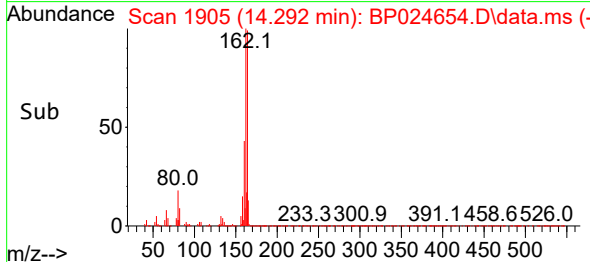
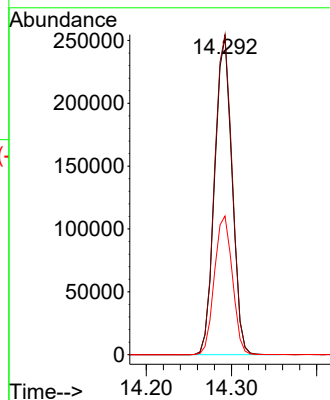
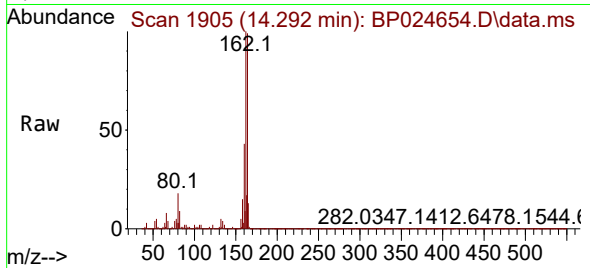
Tgt Ion:164	Resp: 357092
Ion Ratio	Lower Upper
164	100
162	100.8 81.8 122.6
160	43.7 36.3 54.5

Manual Integrations

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Reviewed By :Rahul Chavli 05/19/2025

Supervised By :Jagrut Upadhyay 05/19/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.377 ng

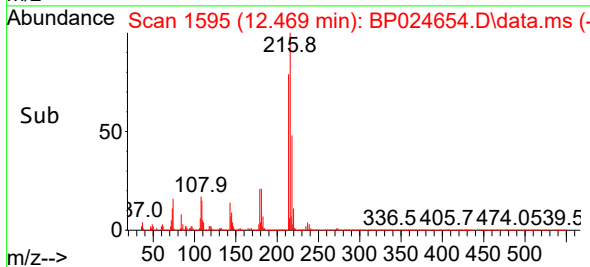
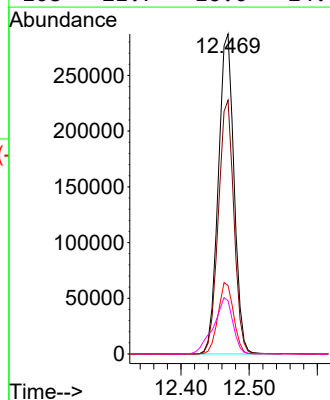
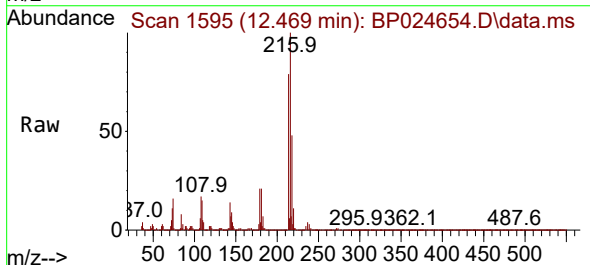
RT: 12.469 min Scan# 1595

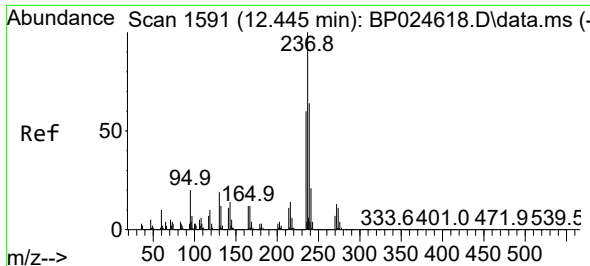
Delta R.T. -0.000 min

Lab File: BP024654.D

Acq: 16 May 2025 12:52

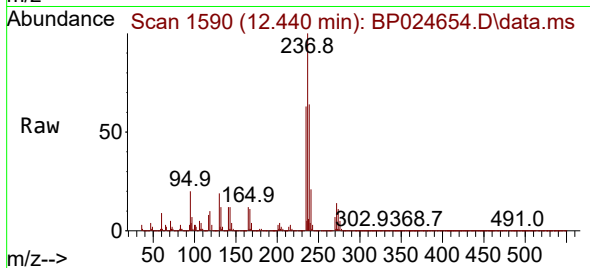
Tgt Ion:216	Resp: 460173
Ion Ratio	Lower Upper
216	100
214	78.5 62.3 93.5
179	22.1 17.7 26.5
108	21.7 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 104.153 ng
RT: 12.440 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52

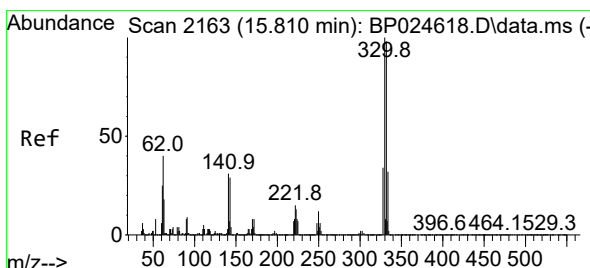
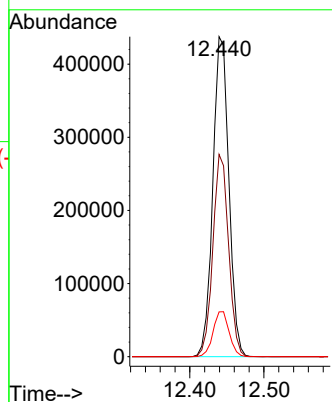
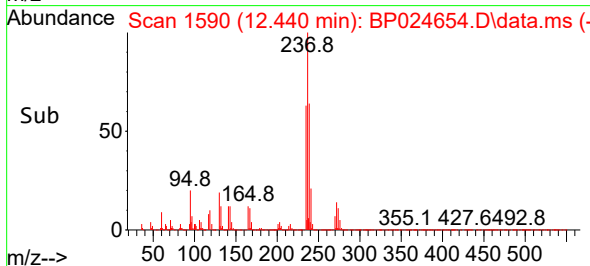
Instrument :
BNA_P
ClientSampleId :
PB168019BSD



Tgt Ion: 237 Resp: 65488
Ion Ratio Lower Upper
237 100
235 63.2 39.9 79.9
272 14.0 0.0 33.2

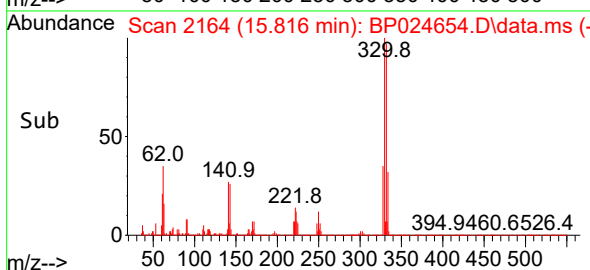
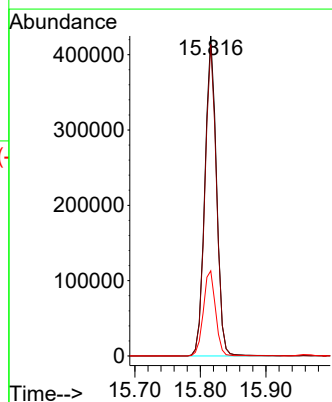
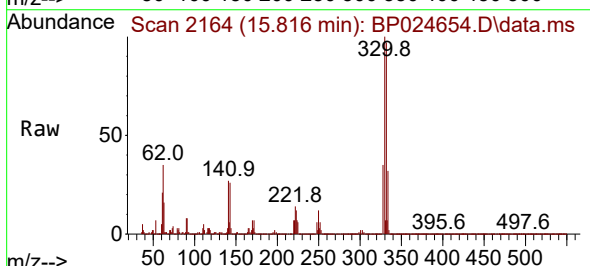
Manual Integrations
APPROVED

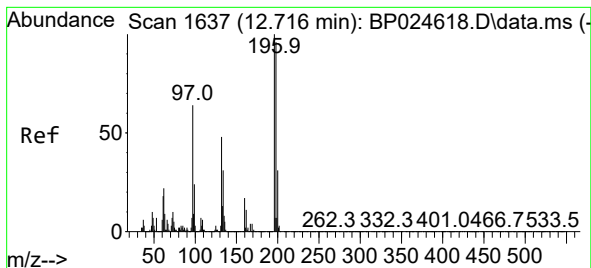
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025



#42
2,4,6-Tribromophenol
Concen: 86.586 ng
RT: 15.816 min Scan# 2164
Delta R.T. 0.006 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52

Tgt Ion: 330 Resp: 524171
Ion Ratio Lower Upper
330 100
332 97.0 78.2 117.4
141 27.8 24.3 36.5





#43

2,4,6-Trichlorophenol

Concen: 48.260 ng

RT: 12.716 min Scan# 1637

Delta R.T. -0.000 min

Lab File: BP024654.D

Acq: 16 May 2025 12:52

Instrument :

BNA_P

ClientSampleId :

PB168019BSD

Tgt Ion:196 Resp: 324138

Ion Ratio Lower Upper

196 100

198 92.9 76.9 115.3

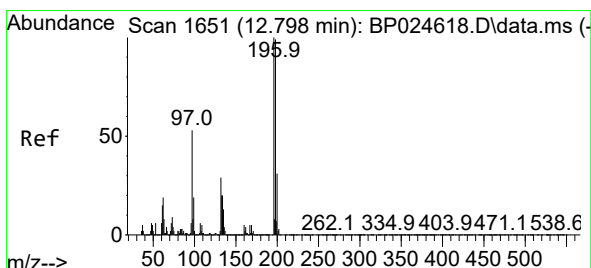
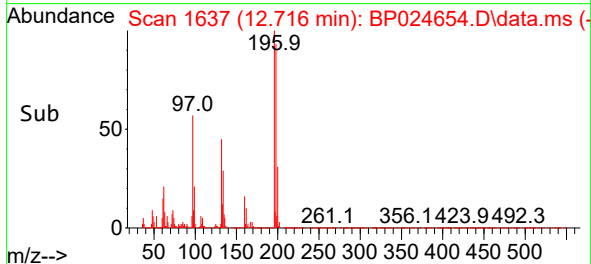
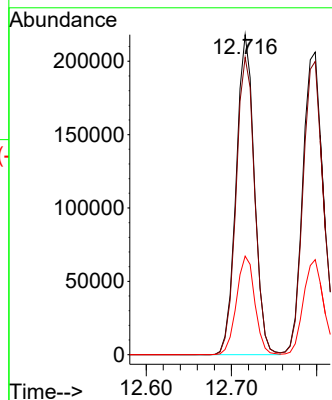
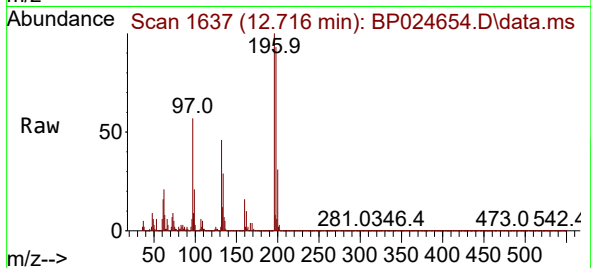
200 30.8 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/19/2025

Supervised By :Jagrut Upadhyay 05/19/2025



#44

2,4,5-Trichlorophenol

Concen: 47.461 ng

RT: 12.798 min Scan# 1651

Delta R.T. -0.000 min

Lab File: BP024654.D

Acq: 16 May 2025 12:52

Tgt Ion:196 Resp: 354828

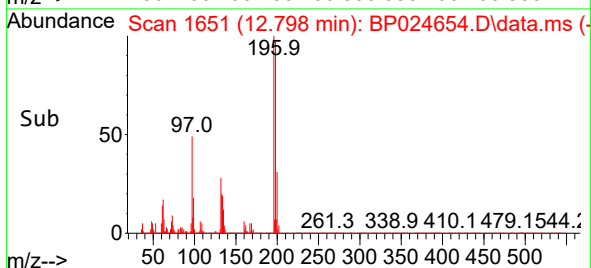
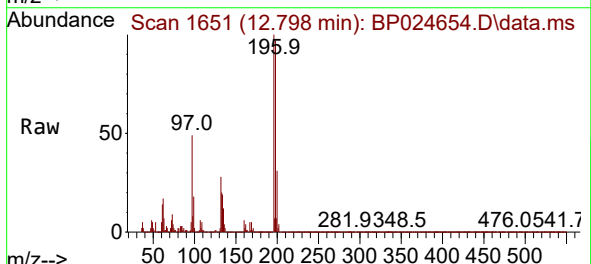
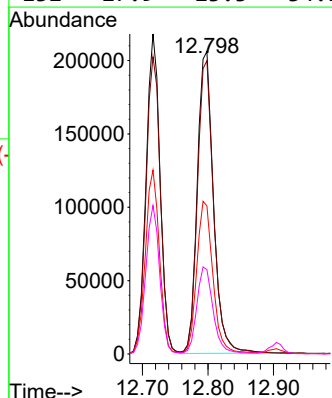
Ion Ratio Lower Upper

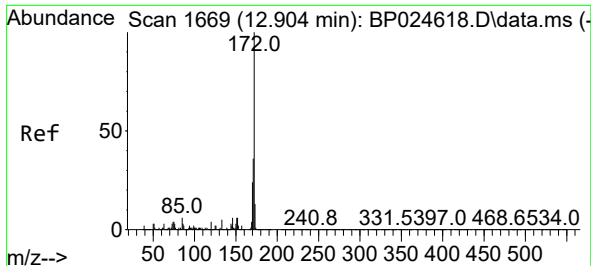
196 100

198 96.9 79.2 118.8

97 48.9 42.3 63.5

132 27.9 23.3 34.9





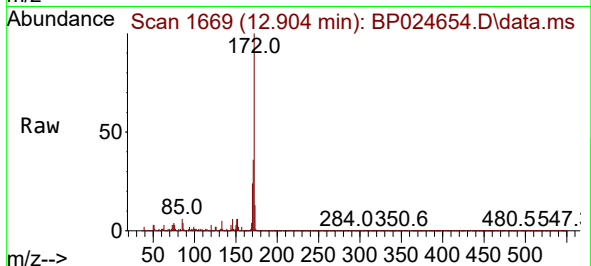
#45
2-Fluorobiphenyl
Concen: 76.580 ng
RT: 12.904 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52

Instrument :

BNA_P

ClientSampleId :

PB168019BSD



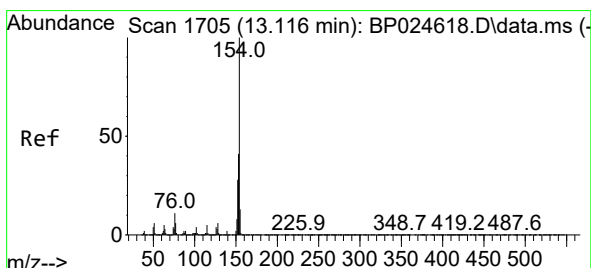
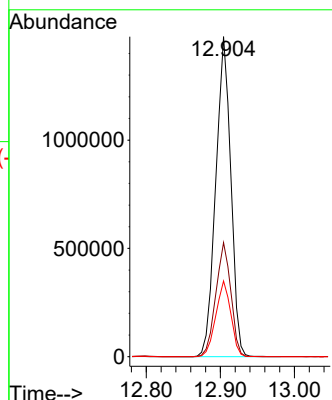
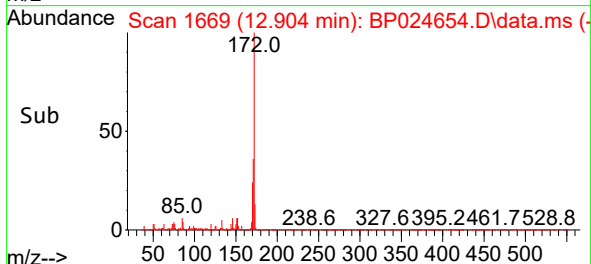
Tgt Ion:172 Resp: 2087294
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 23.6 18.8 28.2

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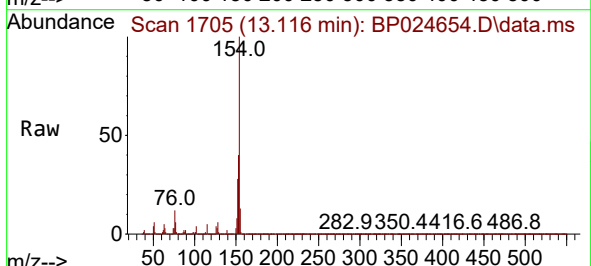
APPROVED

Reviewed By :Rahul Chavli 05/19/2025

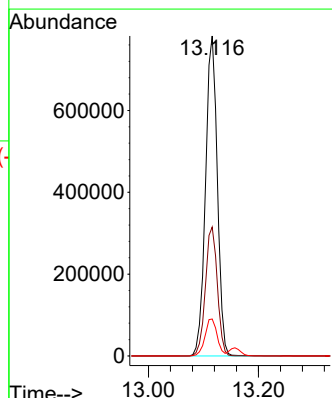
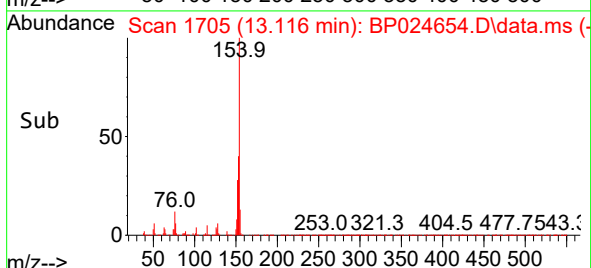
Supervised By :Jagrut Upadhyay 05/19/2025

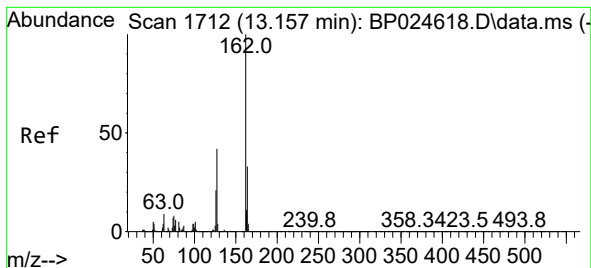


#46
1,1'-Biphenyl
Concen: 44.106 ng
RT: 13.116 min Scan# 1705
Delta R.T. -0.000 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52



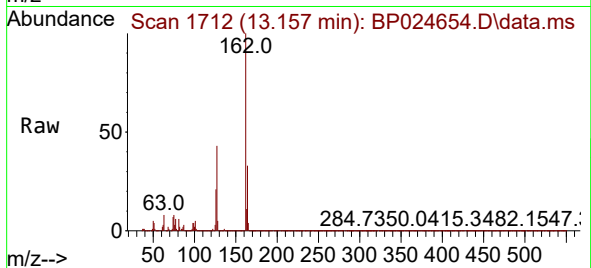
Tgt Ion:154 Resp: 1164104
Ion Ratio Lower Upper
154 100
153 40.3 21.0 61.0
76 11.5 0.0 31.5





#47
2-Chloronaphthalene
Concen: 44.214 ng
RT: 13.157 min Scan# 1712
Delta R.T. -0.000 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52

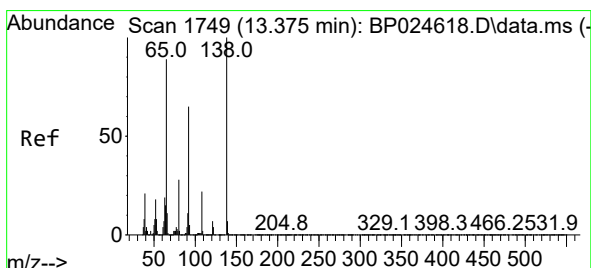
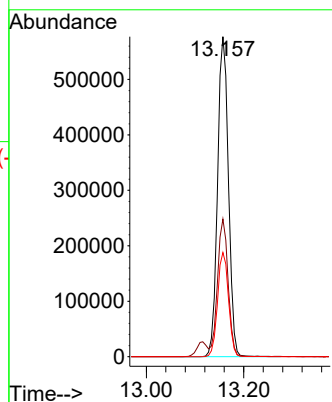
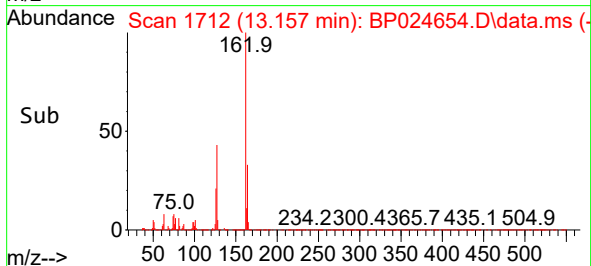
Instrument :
BNA_P
ClientSampleId :
PB168019BSD



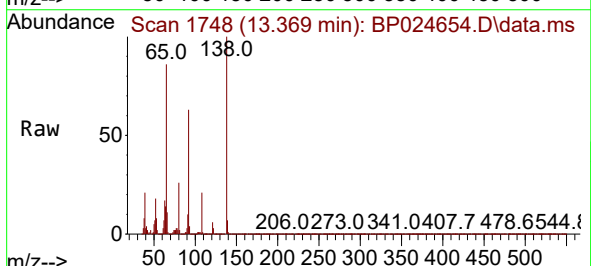
Tgt Ion: 162 Resp: 88976
Ion Ratio Lower Upper
162 100
127 43.0 33.8 50.6
164 32.6 26.0 39.0

Manual Integrations
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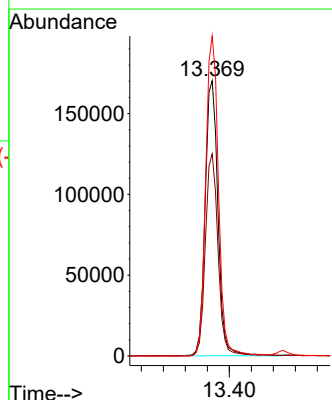
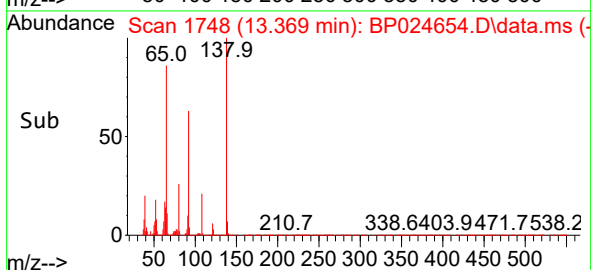
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

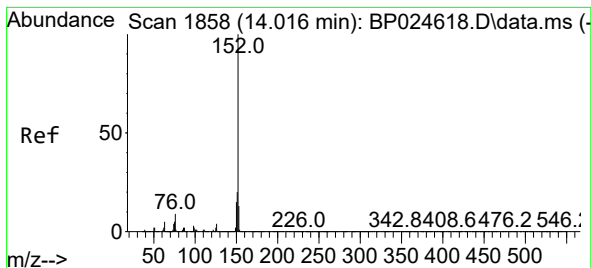


#48
2-Nitroaniline
Concen: 46.192 ng
RT: 13.369 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52



Tgt Ion: 65 Resp: 275207
Ion Ratio Lower Upper
65 100
92 73.4 58.7 88.1
138 116.3 90.2 135.2





#49

Acenaphthylene

Concen: 42.965 ng

RT: 14.010 min Scan# 1857

Delta R.T. -0.006 min

Lab File: BP024654.D

Acq: 16 May 2025 12:52

Instrument :

BNA_P

ClientSampleId :

PB168019BSD

Tgt Ion:152 Resp: 1446925

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

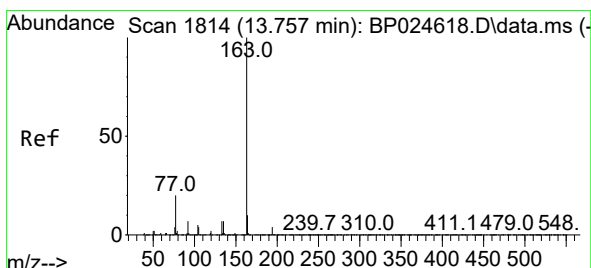
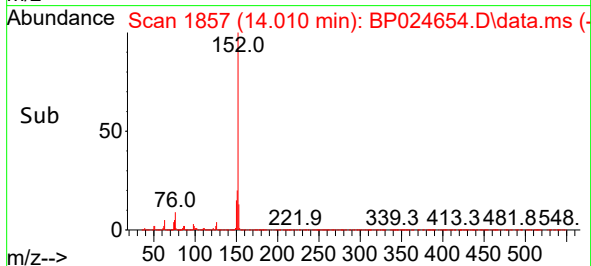
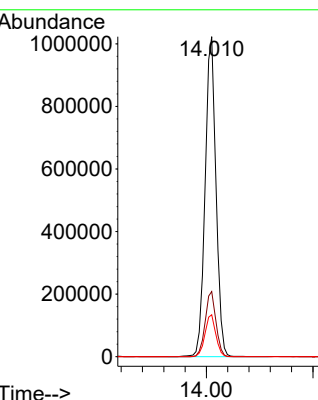
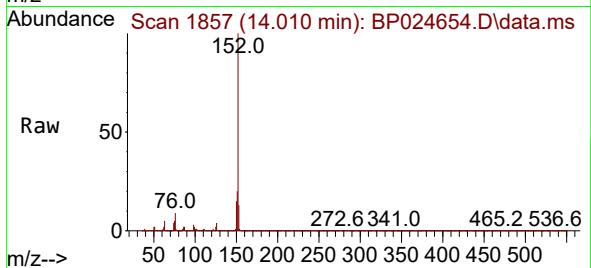
153 13.1 10.2 15.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/19/2025

Supervised By :Jagrut Upadhyay 05/19/2025



#50

Dimethylphthalate

Concen: 43.270 ng

RT: 13.751 min Scan# 1813

Delta R.T. -0.006 min

Lab File: BP024654.D

Acq: 16 May 2025 12:52

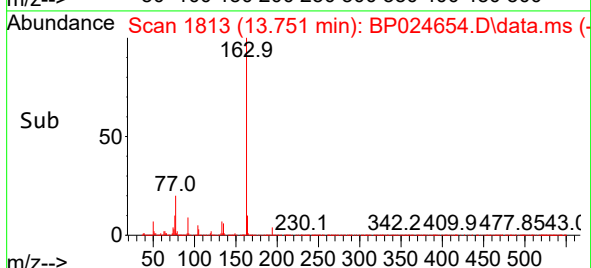
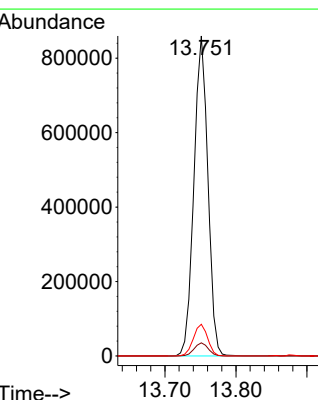
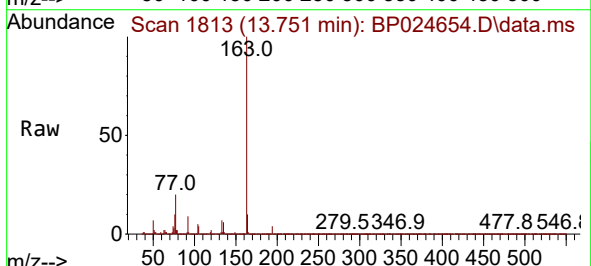
Tgt Ion:163 Resp: 1177714

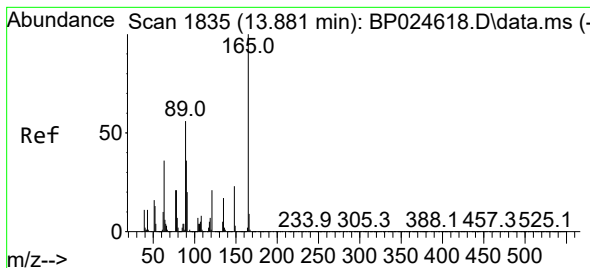
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

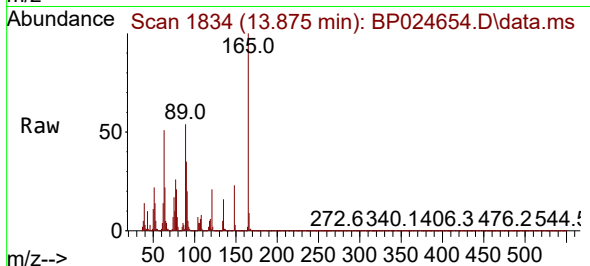
164 9.9 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 44.888 ng
RT: 13.875 min Scan# 1834
Delta R.T. -0.006 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52

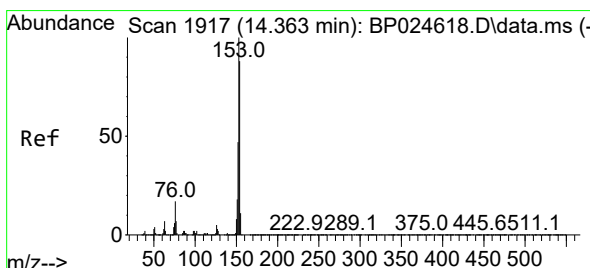
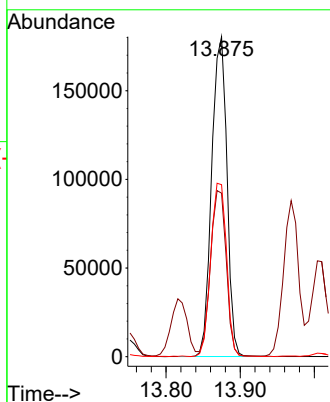
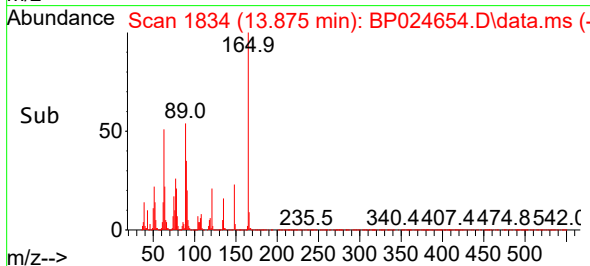
Instrument :
BNA_P
ClientSampleId :
PB168019BSD



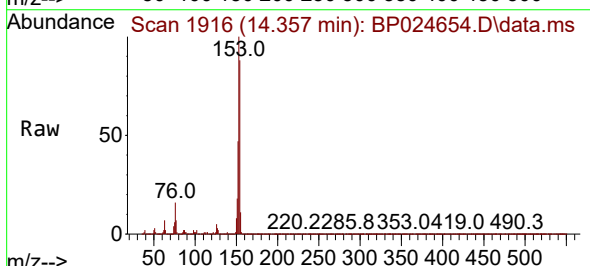
Tgt Ion:165 Resp: 25802
Ion Ratio Lower Upper
165 100
63 51.1 42.4 63.6
89 53.7 44.8 67.2

Manual Integrations
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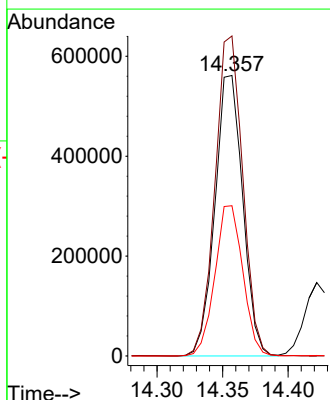
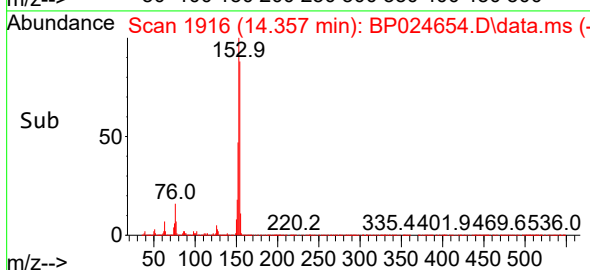
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

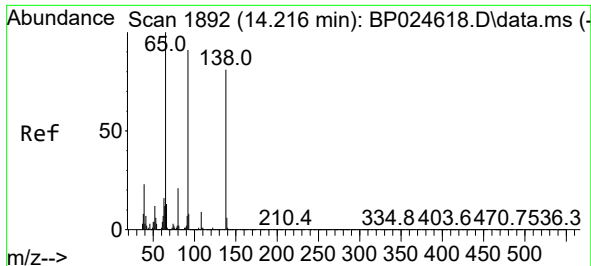


#52
Acenaphthene
Concen: 42.700 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52



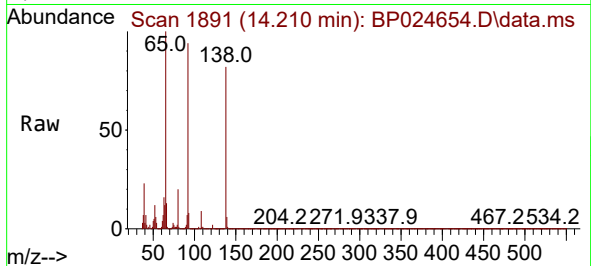
Tgt Ion:154 Resp: 826699
Ion Ratio Lower Upper
154 100
153 114.1 91.0 136.4
152 53.5 42.9 64.3





#53
3-Nitroaniline
Concen: 30.184 ng
RT: 14.210 min Scan# 1892
Delta R.T. -0.006 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52

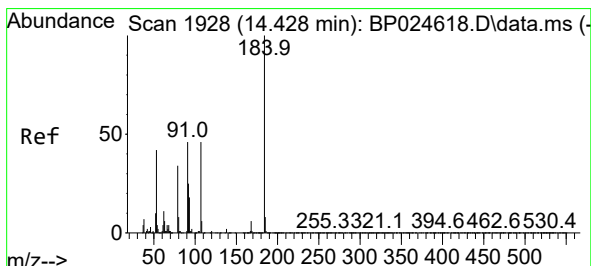
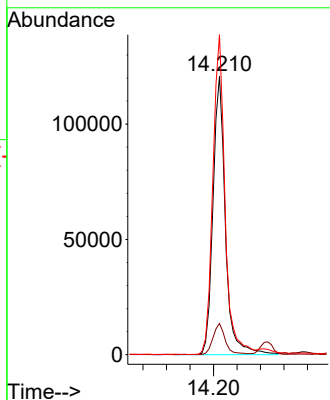
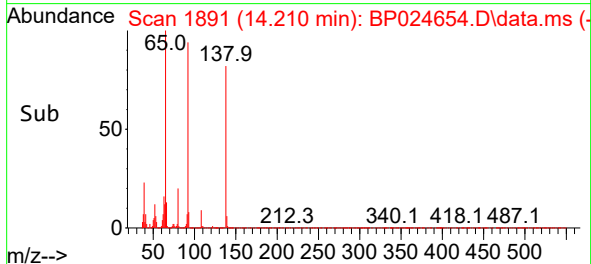
Instrument :
BNA_P
ClientSampleId :
PB168019BSD



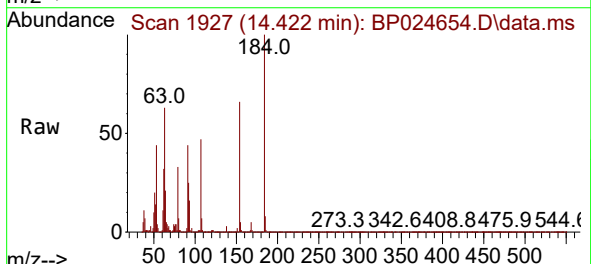
Tgt Ion:138 Resp: 177158
Ion Ratio Lower Upper
138 100
108 11.2 9.0 13.4
92 114.9 90.1 135.1

Manual Integrations
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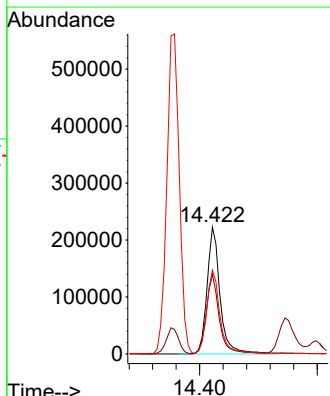
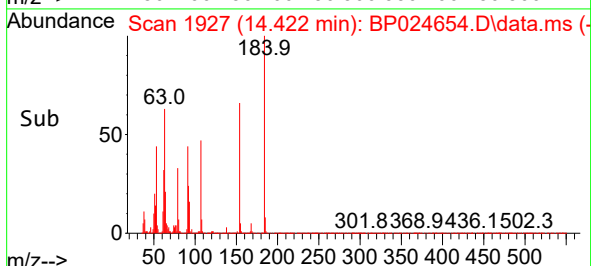
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

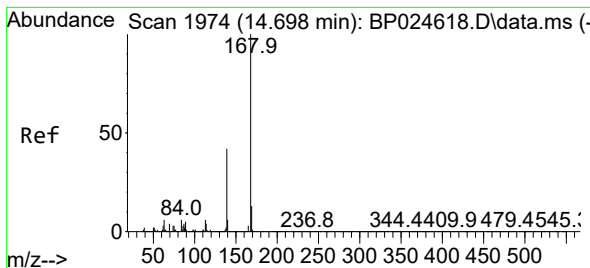


#54
2,4-Dinitrophenol
Concen: 93.349 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52



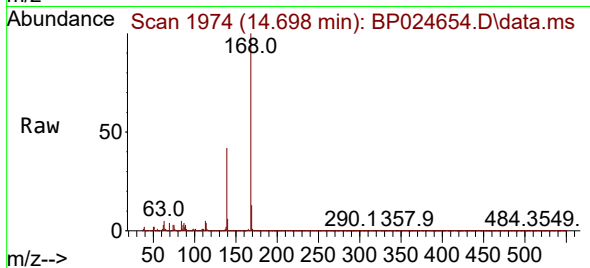
Tgt Ion:184 Resp: 342573
Ion Ratio Lower Upper
184 100
63 62.8 51.3 76.9
154 66.0 53.5 80.3





#55
Dibenzenofuran
Concen: 42.869 ng
RT: 14.698 min Scan# 1974
Delta R.T. -0.000 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52

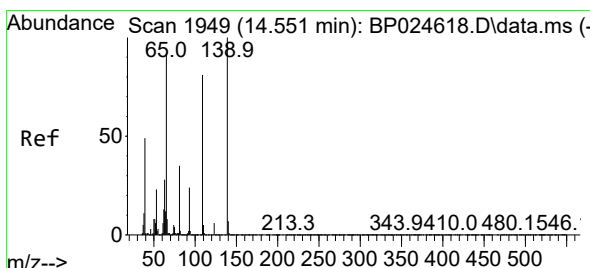
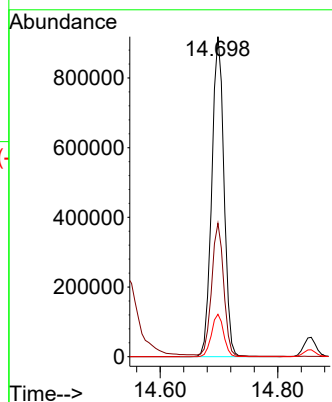
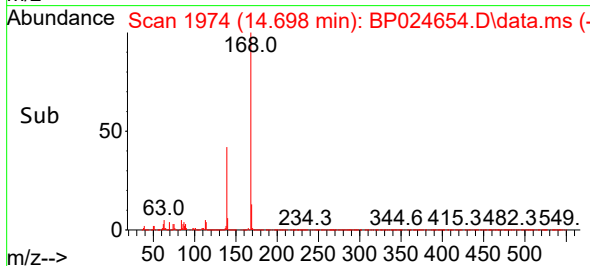
Instrument :
BNA_P
ClientSampleId :
PB168019BSD



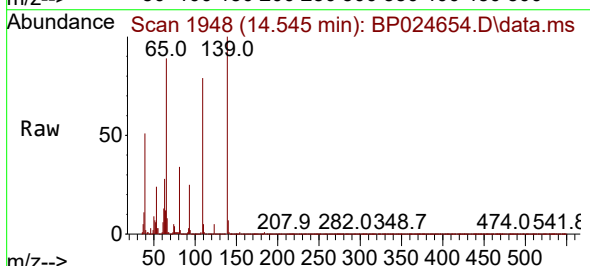
Tgt Ion:168 Resp: 132384
Ion Ratio Lower Upper
168 100
139 41.7 34.2 51.4
169 13.2 10.8 16.2

Manual Integrations
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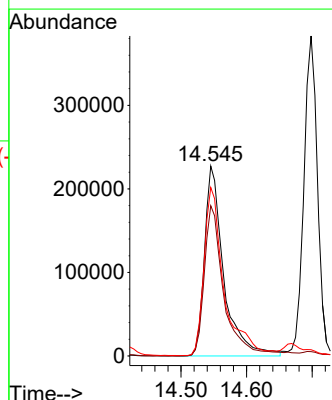
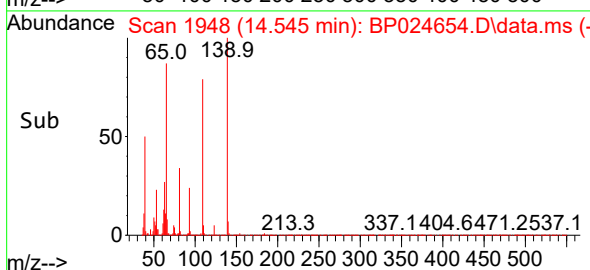
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

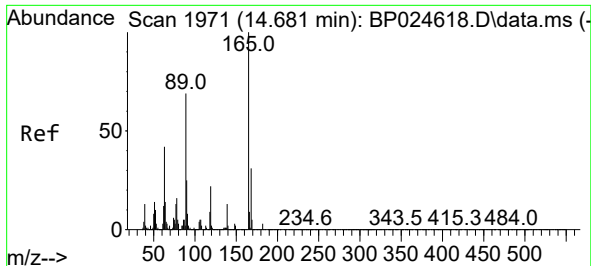


#56
4-Nitrophenol
Concen: 90.957 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52



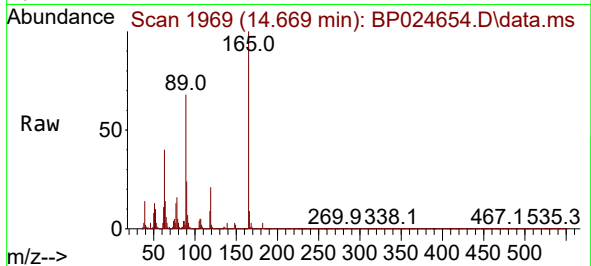
Tgt Ion:139 Resp: 465297
Ion Ratio Lower Upper
139 100
109 79.1 61.4 101.4
65 88.7 72.2 112.2





#57
2,4-Dinitrotoluene
Concen: 46.949 ng
RT: 14.669 min Scan# 1971
Delta R.T. -0.012 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52

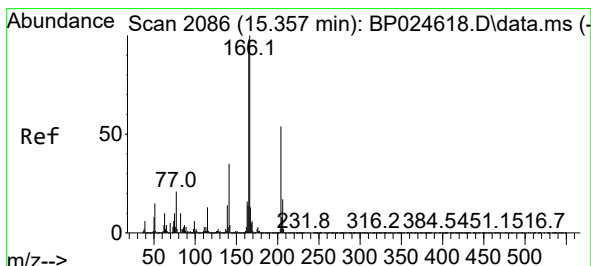
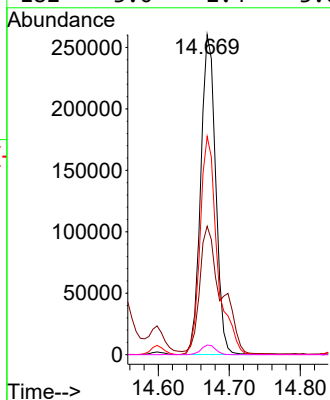
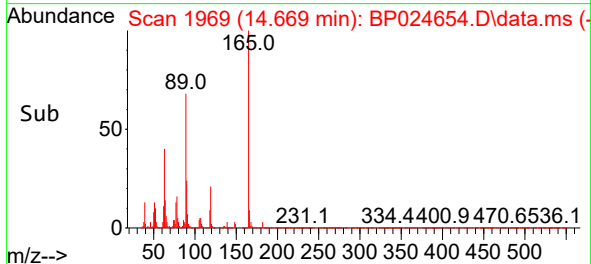
Instrument :
BNA_P
ClientSampleId :
PB168019BSD



Tgt Ion:165 Resp: 380475
Ion Ratio Lower Upper
165 100
63 40.2 33.8 50.6
89 68.2 55.6 83.4
182 3.0 2.4 3.6

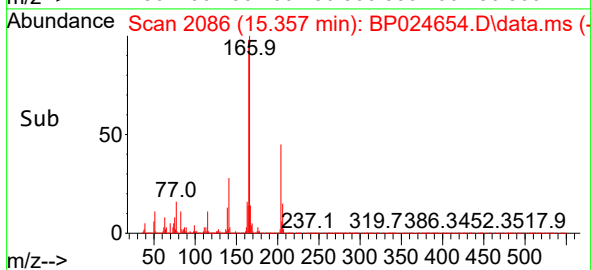
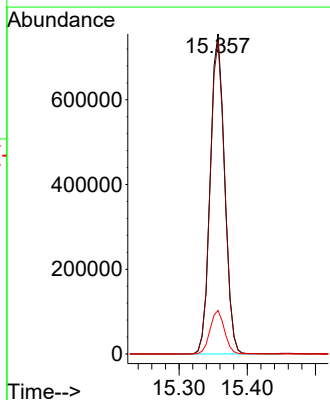
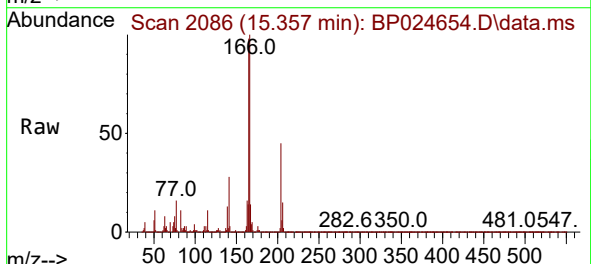
Manual Integrations
APPROVED

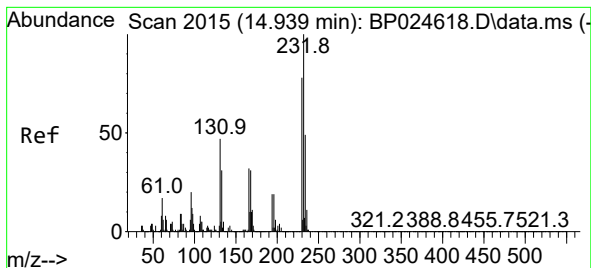
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025



#58
Fluorene
Concen: 44.140 ng
RT: 15.357 min Scan# 2086
Delta R.T. -0.000 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52

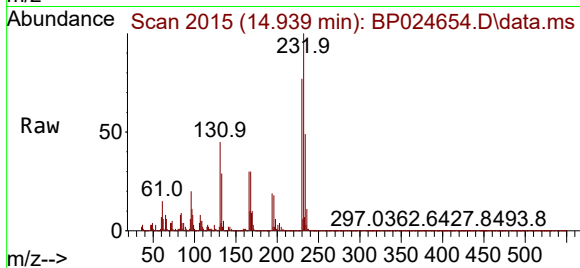
Tgt Ion:166 Resp: 1111447
Ion Ratio Lower Upper
166 100
165 97.6 78.5 117.7
167 13.6 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.605 ng
RT: 14.939 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52

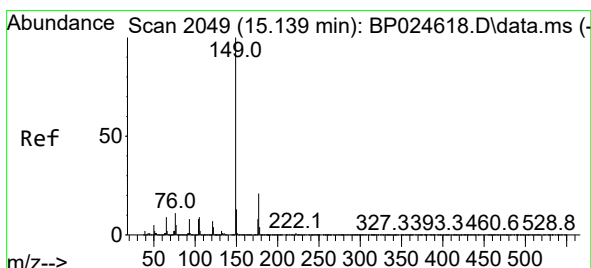
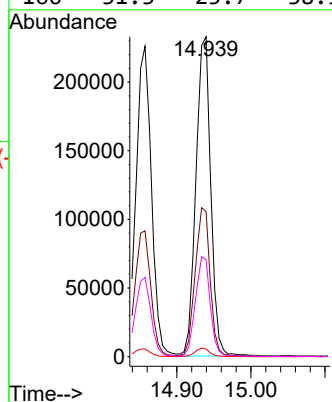
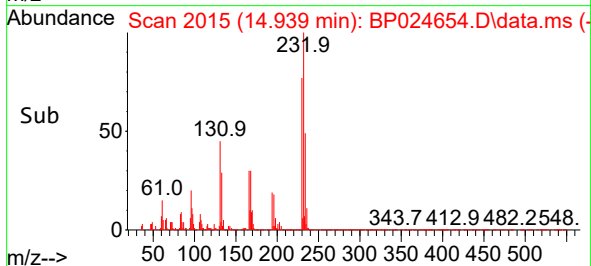
Instrument :
BNA_P
ClientSampleId :
PB168019BSD



Tgt Ion:232 Resp: 323220
Ion Ratio Lower Upper
232 100
131 47.0 39.5 59.3
130 2.7 2.2 3.4
166 31.3 25.7 38.5

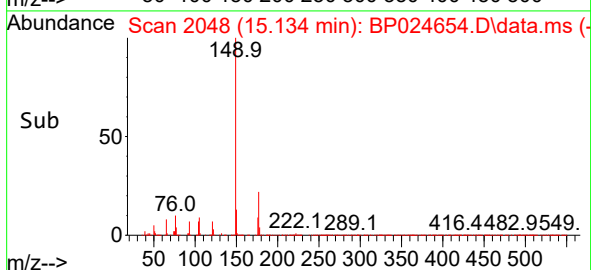
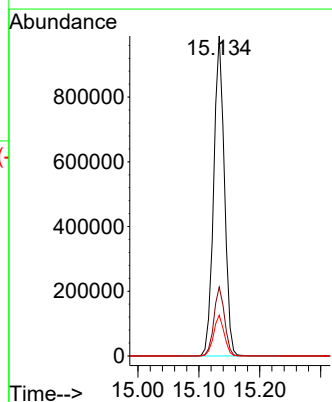
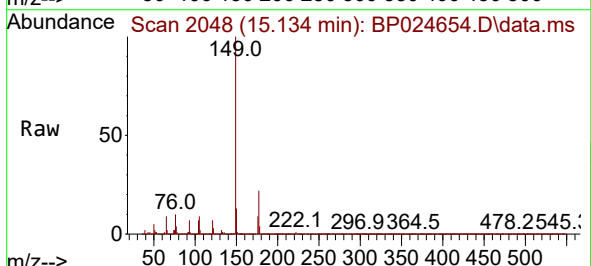
Manual Integrations
APPROVED

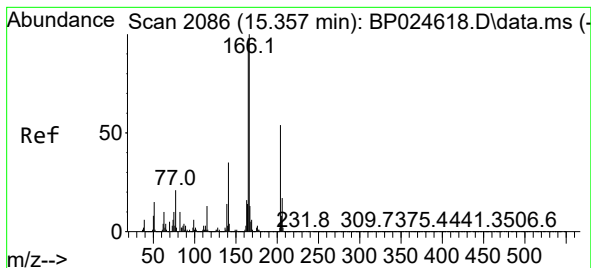
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025



#60
Diethylphthalate
Concen: 43.832 ng
RT: 15.134 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52

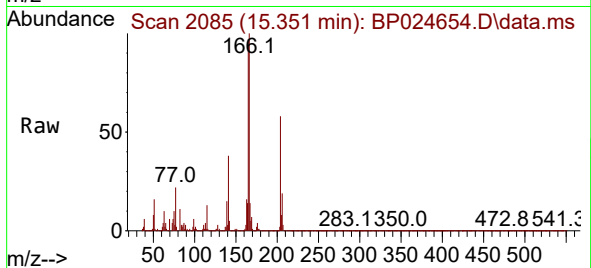
Tgt Ion:149 Resp: 1205785
Ion Ratio Lower Upper
149 100
177 21.6 16.7 25.1
150 12.7 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 44.052 ng
RT: 15.351 min Scan# 2085
Delta R.T. -0.006 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52

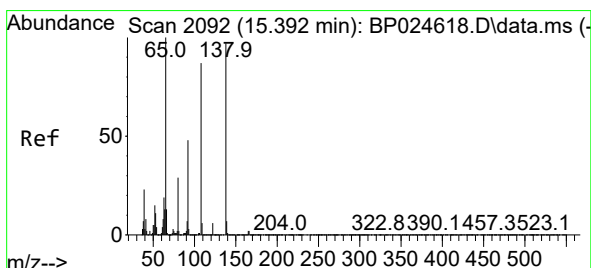
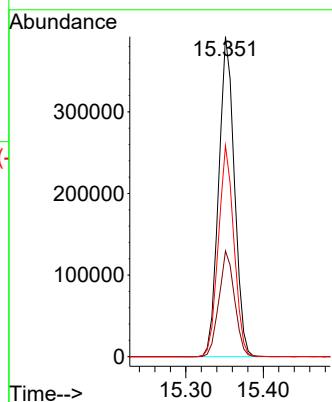
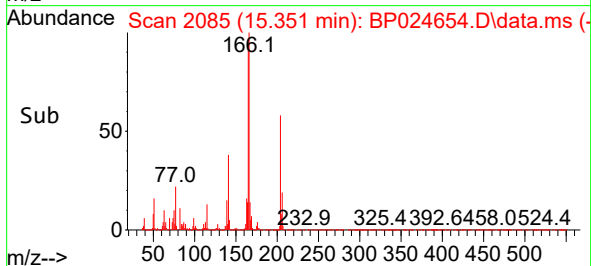
Instrument :
BNA_P
ClientSampleId :
PB168019BSD



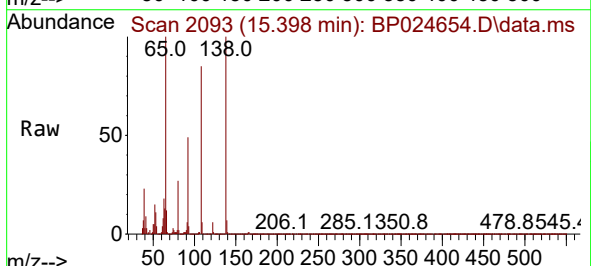
Tgt Ion:204 Resp: 553179
Ion Ratio Lower Upper
204 100
206 33.0 26.0 39.0
141 66.0 52.9 79.3

Manual Integrations
APPROVED

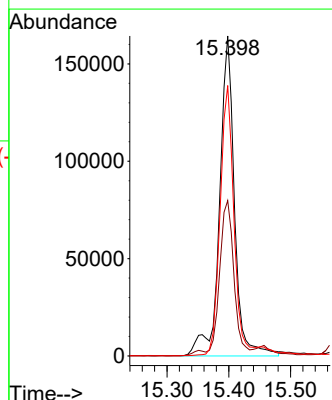
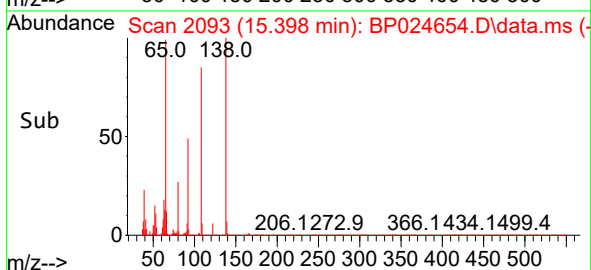
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

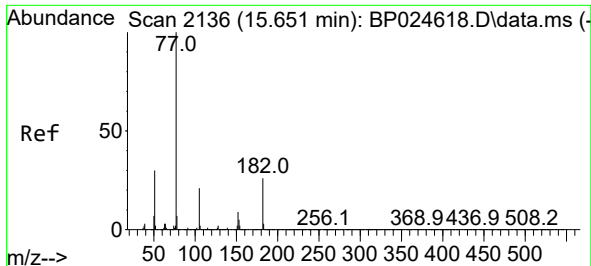


#62
4-Nitroaniline
Concen: 48.914 ng m
RT: 15.398 min Scan# 2093
Delta R.T. 0.006 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52



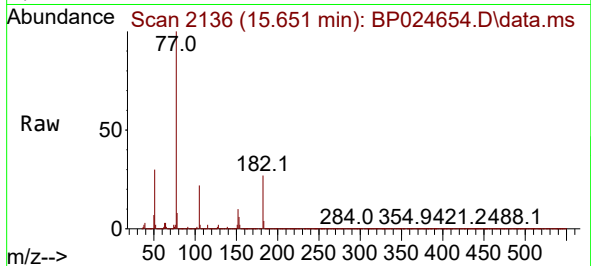
Tgt Ion:138 Resp: 277213
Ion Ratio Lower Upper
138 100
92 48.6 29.2 69.2
108 84.5 69.0 109.0





#63
Azobenzene
Concen: 43.700 ng
RT: 15.651 min Scan# 2136
Delta R.T. -0.000 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52

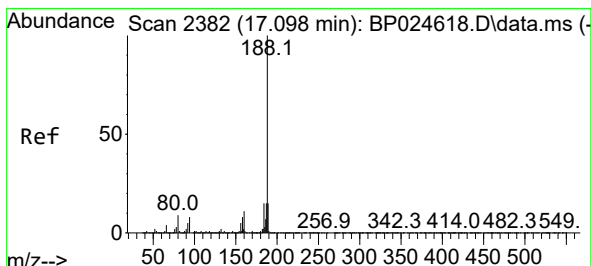
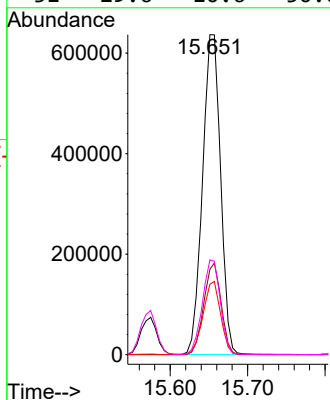
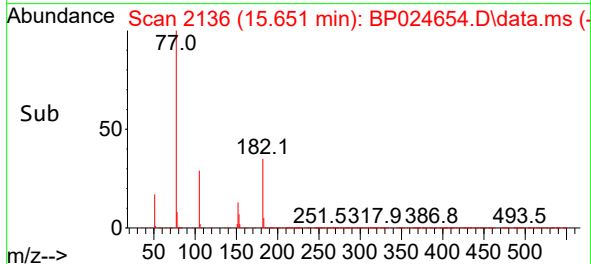
Instrument :
BNA_P
ClientSampleId :
PB168019BSD



Tgt Ion: 77 Resp: 1028400
Ion Ratio Lower Upper
77 100
182 26.7 5.7 45.7
105 22.0 1.3 41.3
51 29.6 10.6 50.6

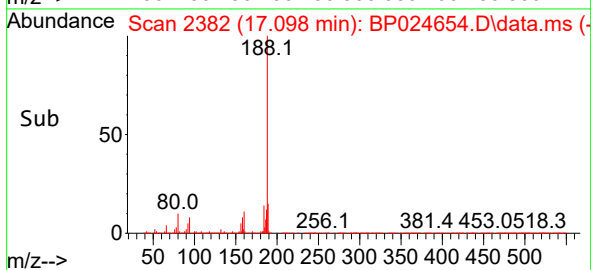
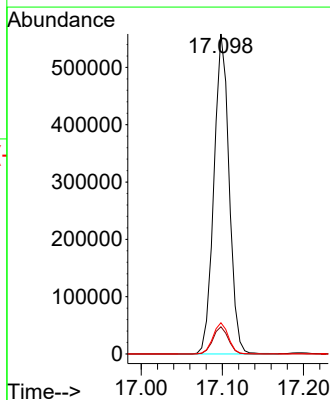
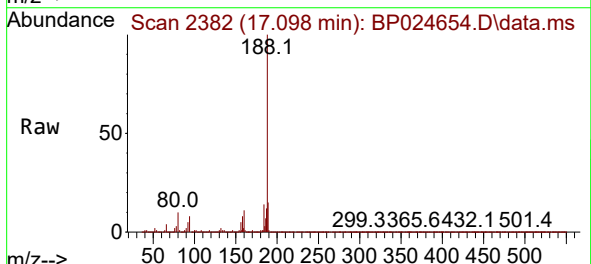
Manual Integrations
APPROVED

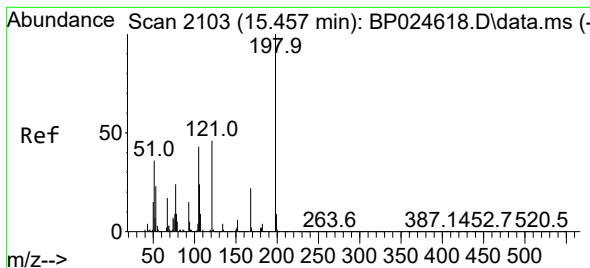
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.098 min Scan# 2382
Delta R.T. -0.000 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52

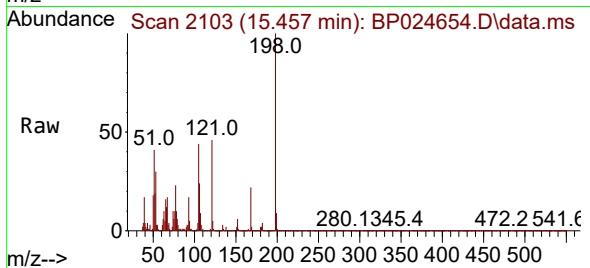
Tgt Ion:188 Resp: 726416
Ion Ratio Lower Upper
188 100
94 8.5 6.5 9.7
80 9.7 7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 48.613 ng
RT: 15.457 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52

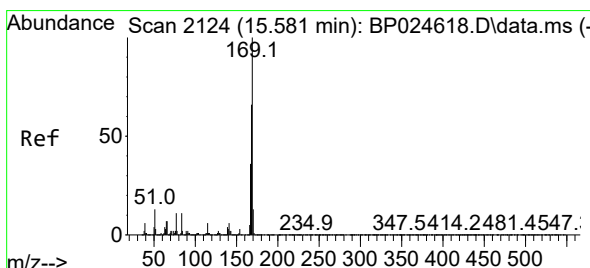
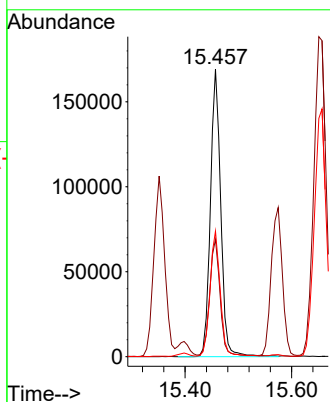
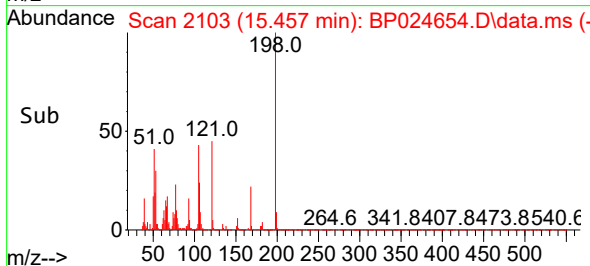
Instrument :
BNA_P
ClientSampleId :
PB168019BSD



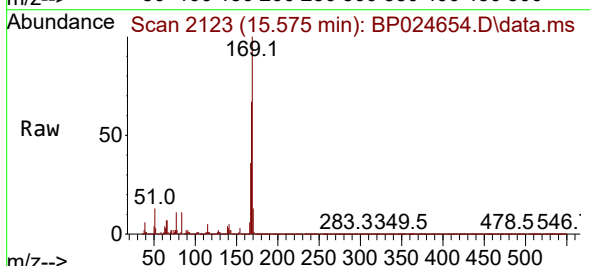
Tgt Ion:198 Resp: 228099
Ion Ratio Lower Upper
198 100
51 40.8 21.1 61.1
105 43.7 23.6 63.6

Manual Integrations
APPROVED

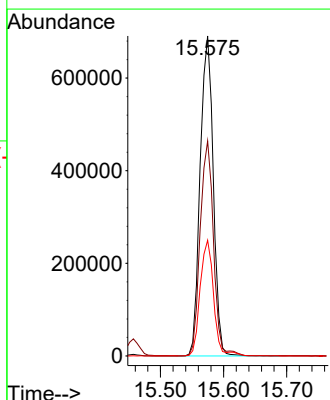
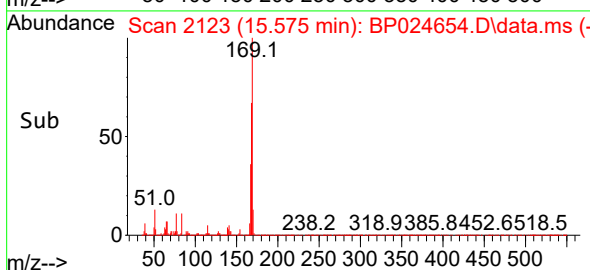
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

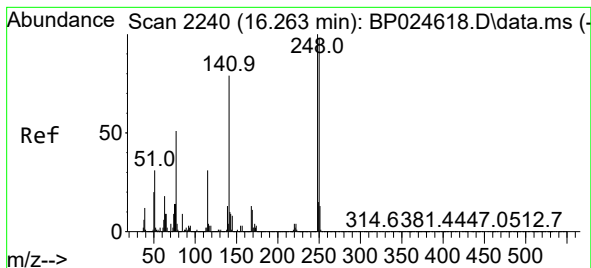


#66
n-Nitrosodiphenylamine
Concen: 44.562 ng
RT: 15.575 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52



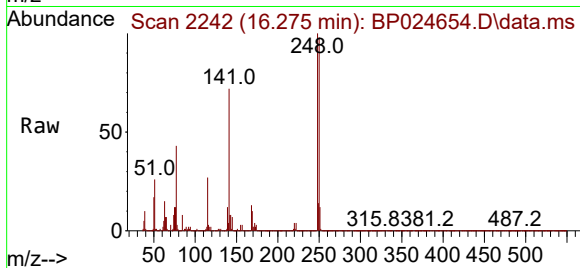
Tgt Ion:169 Resp: 994292
Ion Ratio Lower Upper
169 100
168 67.2 53.2 79.8
167 36.2 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 44.286 ng
RT: 16.275 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52

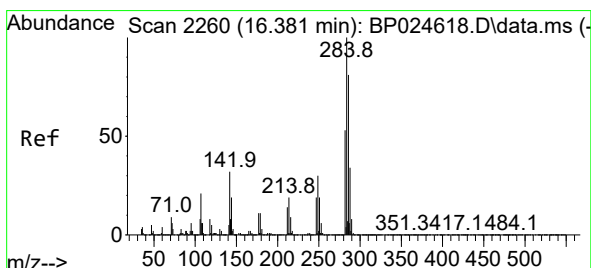
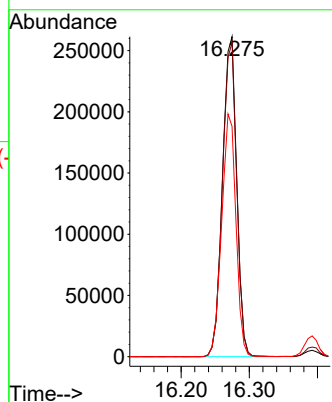
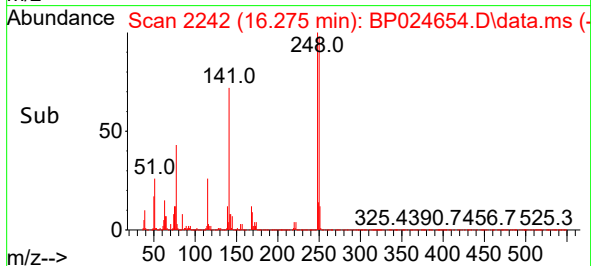
Instrument :
BNA_P
ClientSampleId :
PB168019BSD



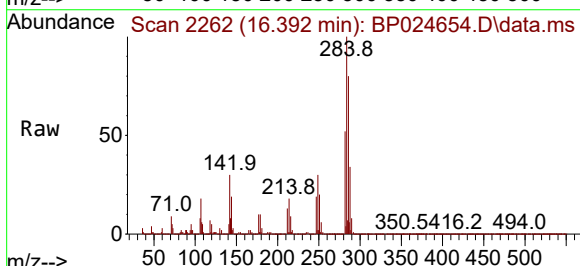
Tgt Ion:248 Resp: 379075
Ion Ratio Lower Upper
248 100
250 98.3 78.2 117.4
141 72.0 63.0 94.6

Manual Integrations
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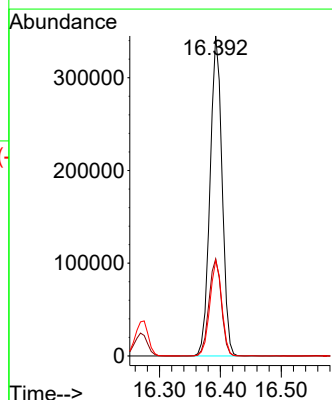
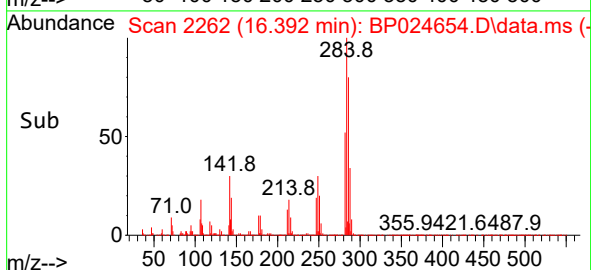
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

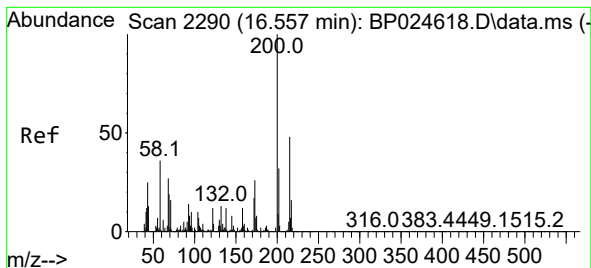


#68
Hexachlorobenzene
Concen: 43.512 ng
RT: 16.392 min Scan# 2262
Delta R.T. 0.012 min
Lab File: BP024654.D
Acq: 16 May 2025 12:52



Tgt Ion:284 Resp: 473270
Ion Ratio Lower Upper
284 100
142 30.4 25.9 38.9
249 29.8 24.1 36.1





#69

Atrazine

Concen: 47.230 ng

RT: 16.557 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP024654.D

Acq: 16 May 2025 12:52

Instrument :

BNA_P

ClientSampleId :

PB168019BSD

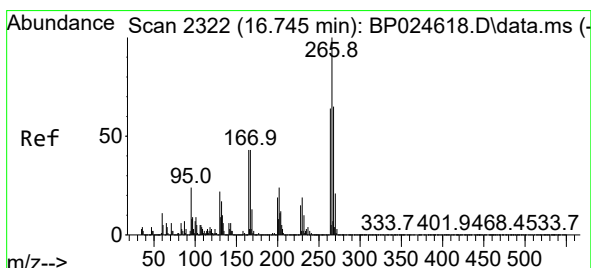
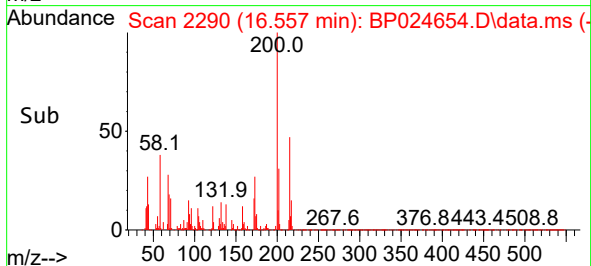
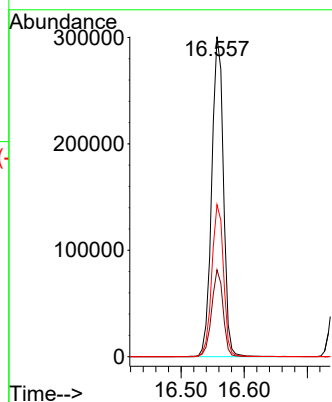
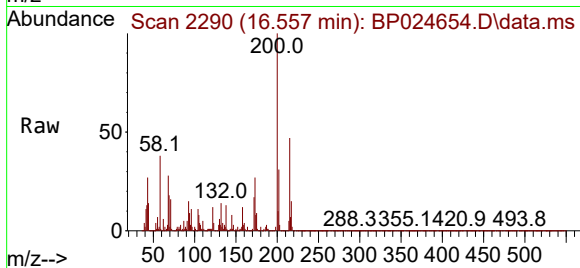
Tgt Ion:200	Resp: 38619
Ion Ratio	Lower Upper
200 100	
173 27.2	5.9 45.9
215 47.5	28.3 68.3

Manual Integrations

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Reviewed By :Rahul Chavli 05/19/2025

Supervised By :Jagrut Upadhyay 05/19/2025



#70

Pentachlorophenol

Concen: 104.347 ng

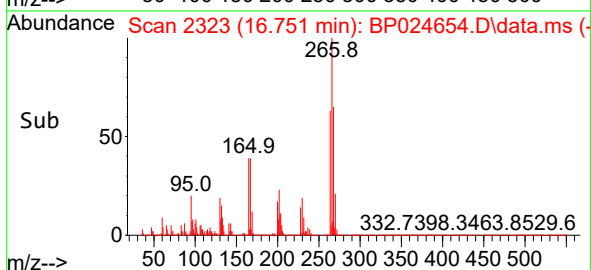
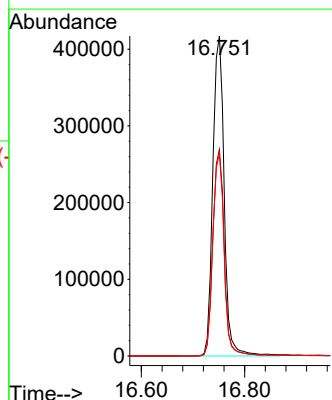
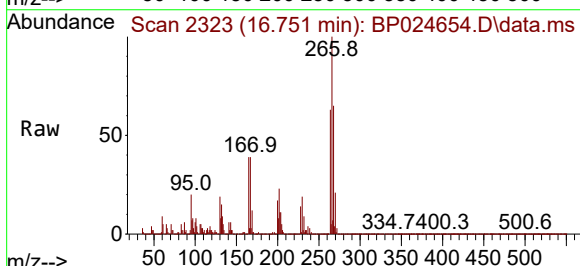
RT: 16.751 min Scan# 2323

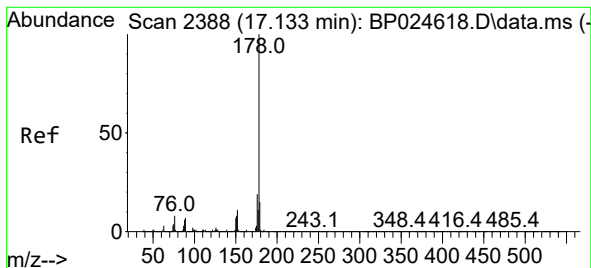
Delta R.T. 0.006 min

Lab File: BP024654.D

Acq: 16 May 2025 12:52

Tgt Ion:266	Resp: 637096
Ion Ratio	Lower Upper
266 100	
268 64.6	52.2 78.4
264 63.2	51.1 76.7





#71

Phenanthrene

Concen: 43.866 ng

RT: 17.139 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024654.D

Acq: 16 May 2025 12:52

Instrument :

BNA_P

ClientSampleId :

PB168019BSD

Tgt Ion:178 Resp: 1771390

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.2

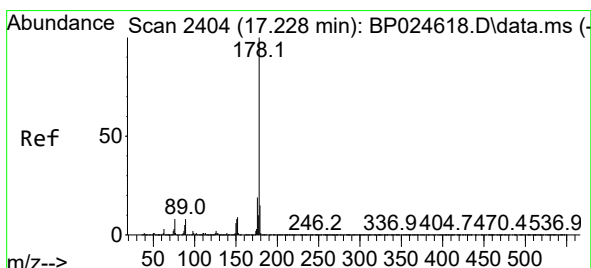
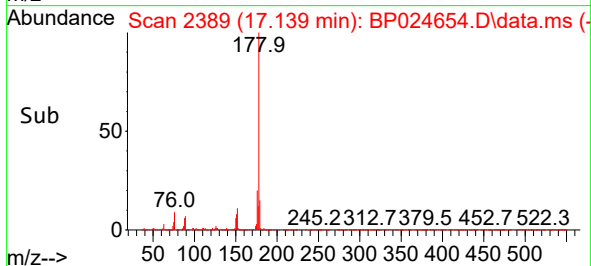
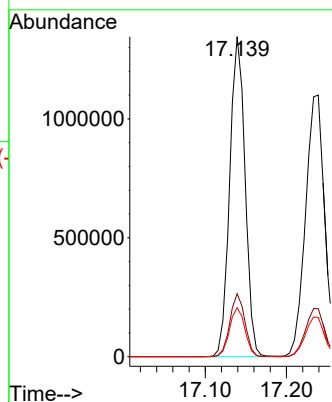
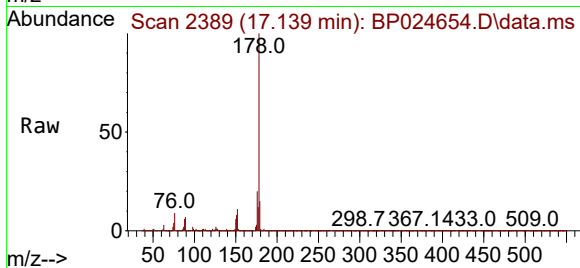
179 15.3 12.2 18.4

Manual Integrations

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Reviewed By :Rahul Chavli 05/19/2025

Supervised By :Jagrut Upadhyay 05/19/2025



#72

Anthracene

Concen: 44.148 ng

RT: 17.239 min Scan# 2406

Delta R.T. 0.012 min

Lab File: BP024654.D

Acq: 16 May 2025 12:52

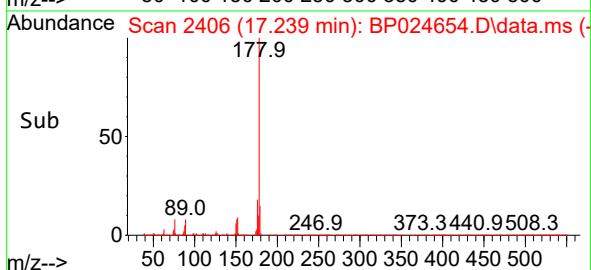
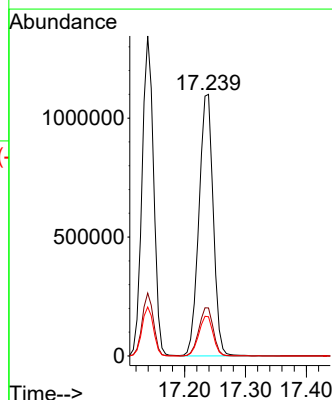
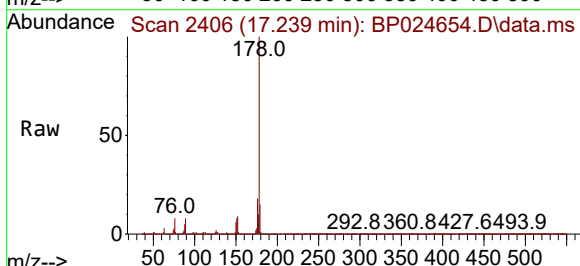
Tgt Ion:178 Resp: 1793685

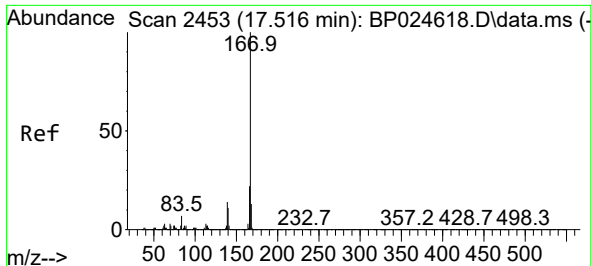
Ion Ratio Lower Upper

178 100

176 18.3 15.0 22.4

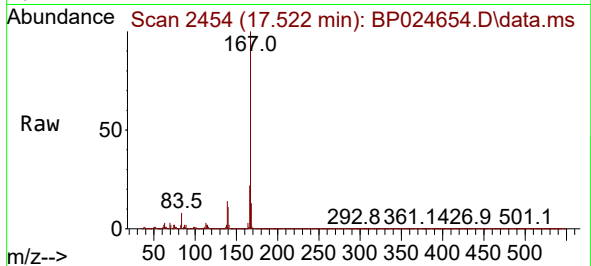
179 15.0 12.2 18.2





#73
 Carbazole
 Concen: 46.268 ng
 RT: 17.522 min Scan# 2453
 Delta R.T. 0.006 min
 Lab File: BP024654.D
 Acq: 16 May 2025 12:52

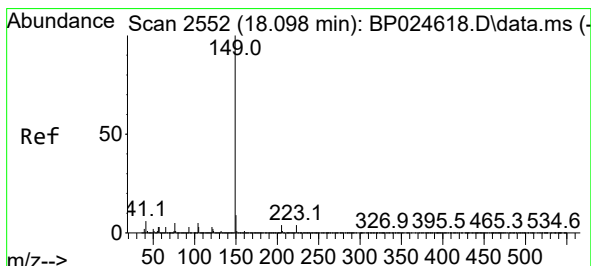
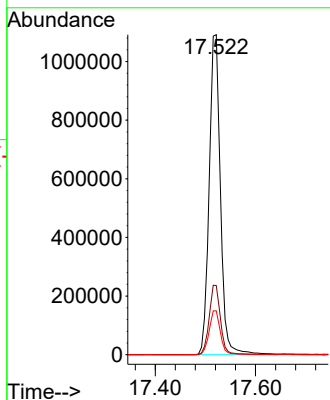
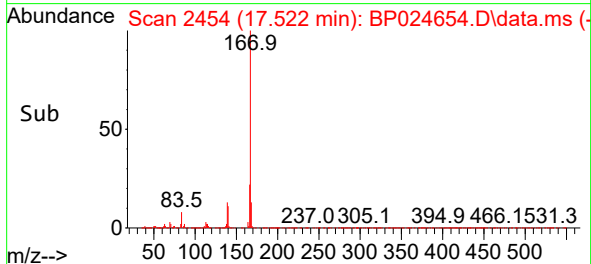
Instrument :
 BNA_P
 ClientSampleId :
 PB168019BSD



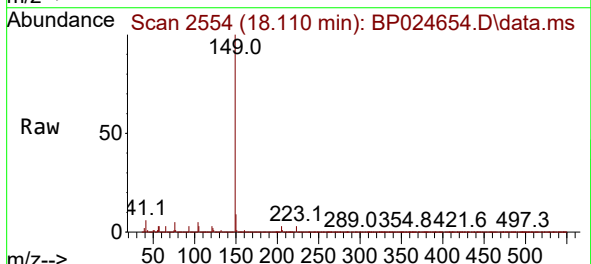
Tgt Ion:167 Resp: 170142
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.7 26.5
 139 13.7 11.3 16.9

Manual Integrations
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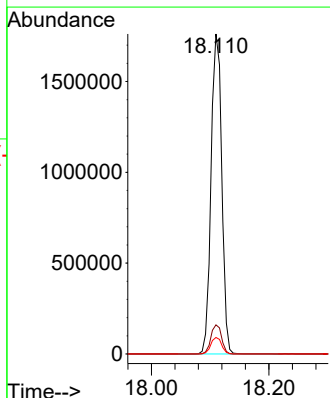
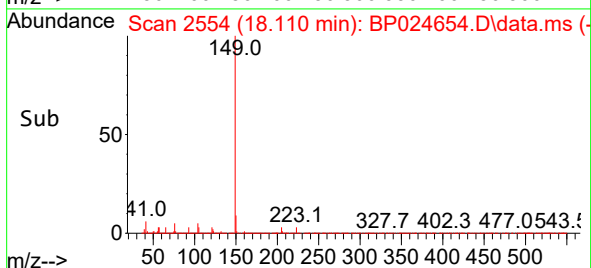
Reviewed By :Rahul Chavli 05/19/2025
 Supervised By :Jagrut Upadhyay 05/19/2025

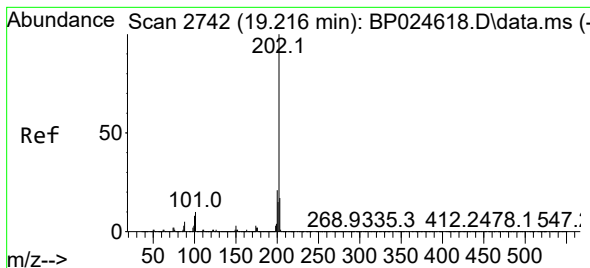


#74
 Di-n-butylphthalate
 Concen: 46.933 ng
 RT: 18.110 min Scan# 2554
 Delta R.T. 0.012 min
 Lab File: BP024654.D
 Acq: 16 May 2025 12:52



Tgt Ion:149 Resp: 2219654
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.2 10.8
 104 5.1 4.3 6.5





#75

Fluoranthene

Concen: 45.769 ng

RT: 19.227 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024654.D

Acq: 16 May 2025 12:52

Instrument :

BNA_P

ClientSampleId :

PB168019BSD

Tgt Ion:202 Resp: 2160499

Ion Ratio Lower Upper

202 100

101 10.6 0.0 30.3

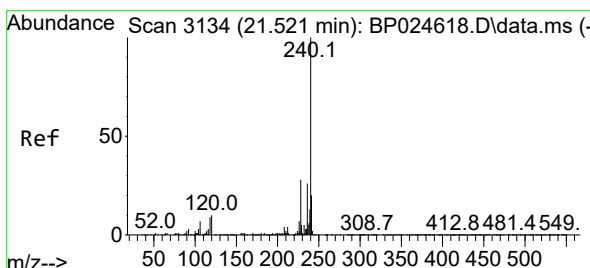
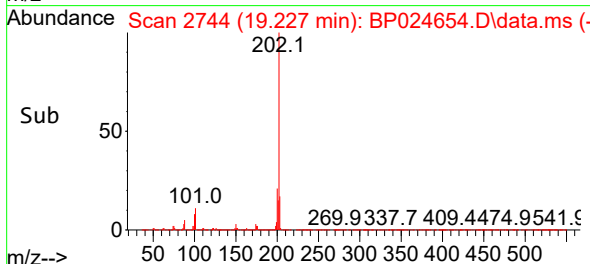
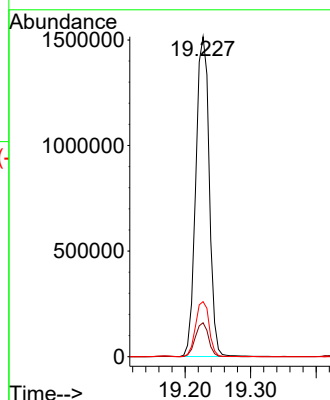
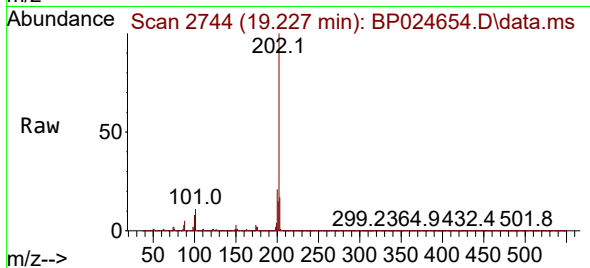
203 17.2 0.0 37.5

Manual Integrations

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Reviewed By :Rahul Chavli 05/19/2025

Supervised By :Jagrut Upadhyay 05/19/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.521 min Scan# 3134

Delta R.T. -0.000 min

Lab File: BP024654.D

Acq: 16 May 2025 12:52

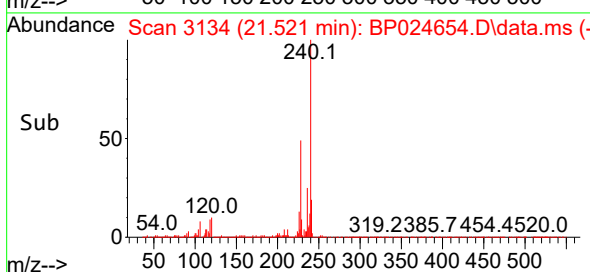
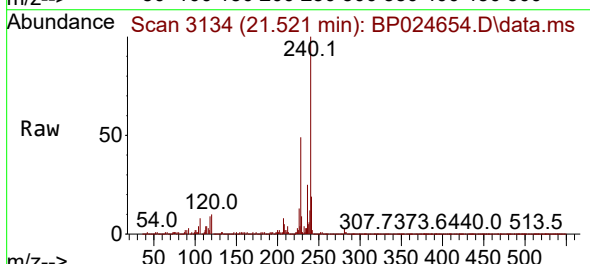
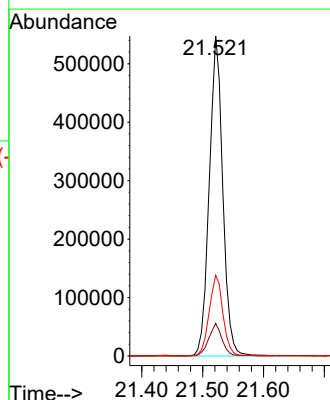
Tgt Ion:240 Resp: 844726

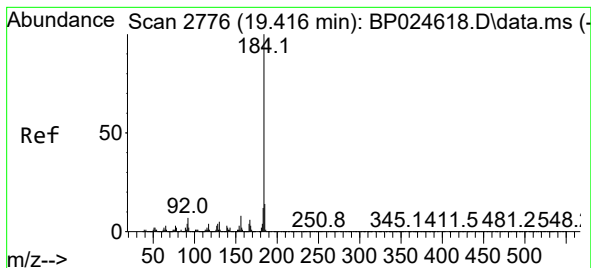
Ion Ratio Lower Upper

240 100

120 10.2 7.8 11.6

236 25.2 20.6 31.0





#77

Benzidine

Concen: 49.929 ng

RT: 19.422 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024654.D

Acq: 16 May 2025 12:52

Instrument :

BNA_P

ClientSampleId :

PB168019BSD

Tgt Ion:184 Resp: 114871

Ion Ratio Lower Upper

184 100

185 14.0 11.2 16.8

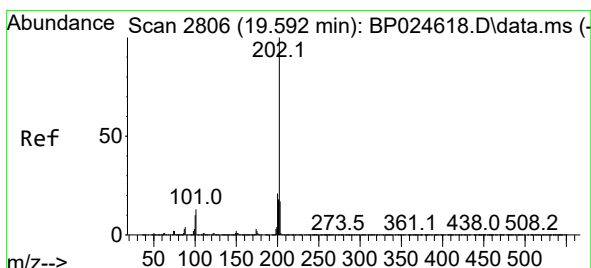
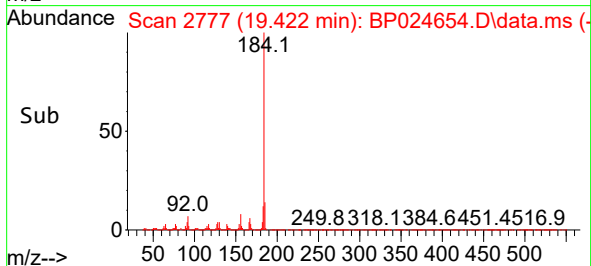
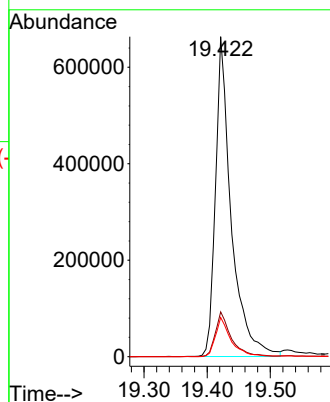
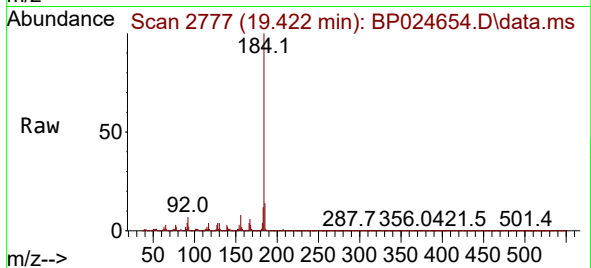
183 12.3 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/19/2025

Supervised By :Jagrut Upadhyay 05/19/2025



#78

Pyrene

Concen: 44.723 ng

RT: 19.604 min Scan# 2808

Delta R.T. 0.012 min

Lab File: BP024654.D

Acq: 16 May 2025 12:52

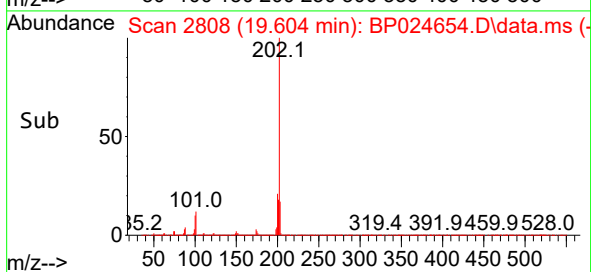
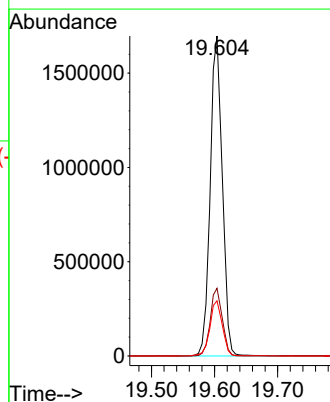
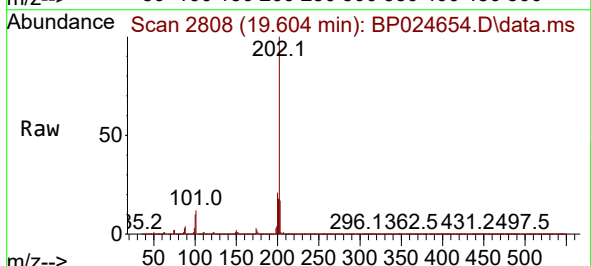
Tgt Ion:202 Resp: 2263607

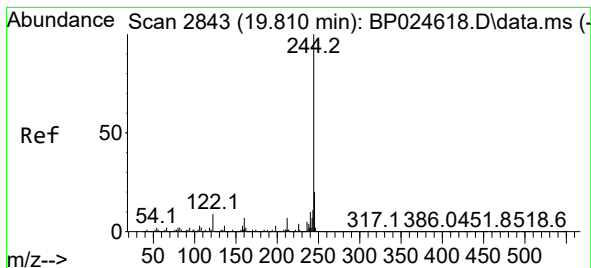
Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

203 17.2 13.9 20.9





#79

Terphenyl-d14

Concen: 78.352 ng

RT: 19.822 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024654.D

Acq: 16 May 2025 12:52

Instrument :

BNA_P

ClientSampleId :

PB168019BSD

Tgt Ion:244 Resp: 385993

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

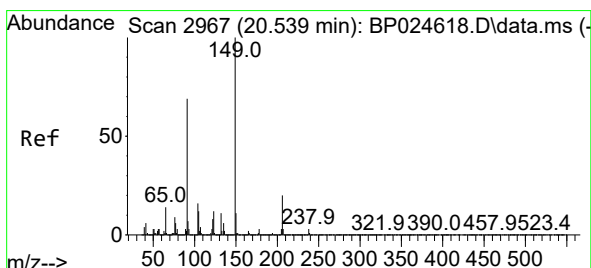
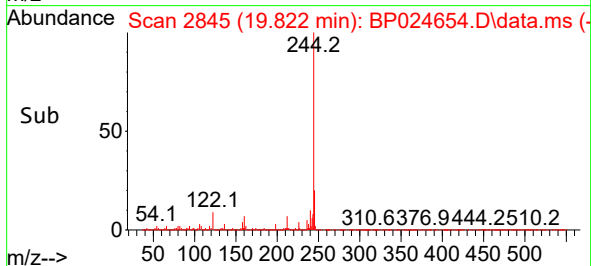
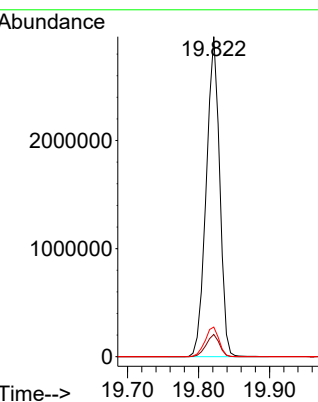
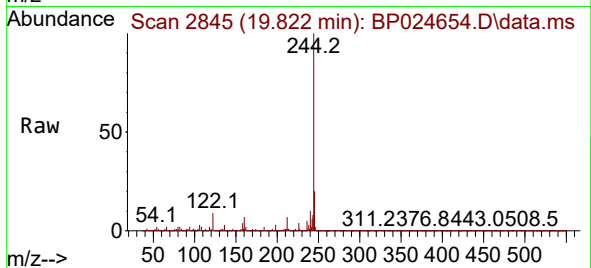
122 9.3 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/19/2025

Supervised By :Jagrut Upadhyay 05/19/2025



#80

Butylbenzylphthalate

Concen: 48.519 ng

RT: 20.557 min Scan# 2970

Delta R.T. 0.018 min

Lab File: BP024654.D

Acq: 16 May 2025 12:52

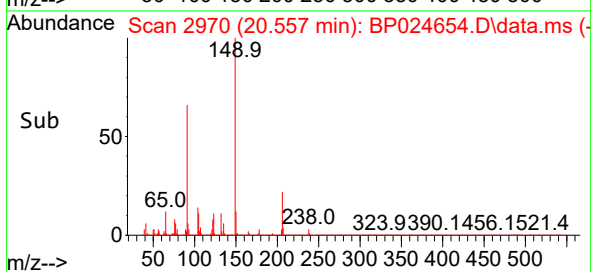
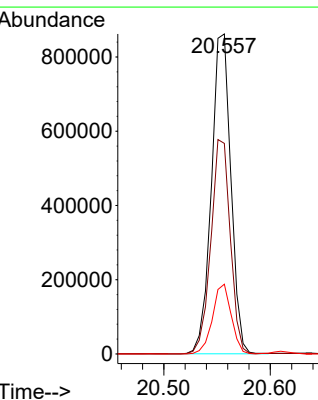
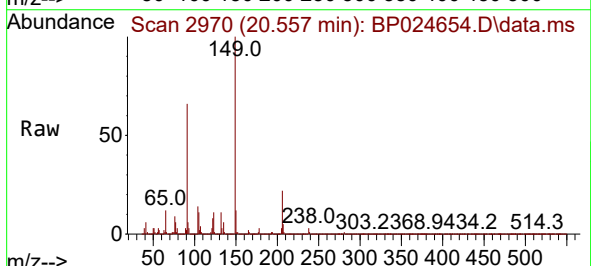
Tgt Ion:149 Resp: 1092181

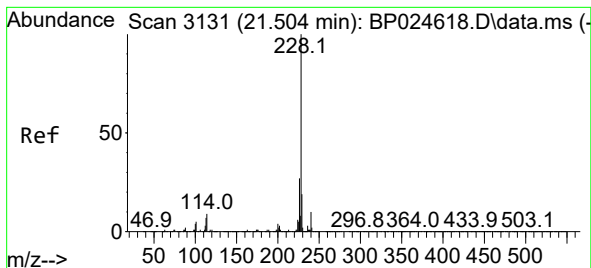
Ion Ratio Lower Upper

149 100

91 65.8 55.4 83.0

206 21.8 16.2 24.2





#81

Benzo(a)anthracene

Concen: 45.178 ng

RT: 21.504 min Scan# 3131

Delta R.T. -0.000 min

Lab File: BP024654.D

Acq: 16 May 2025 12:52

Instrument :

BNA_P

ClientSampleId :

PB168019BSD

Tgt Ion:228 Resp: 239632

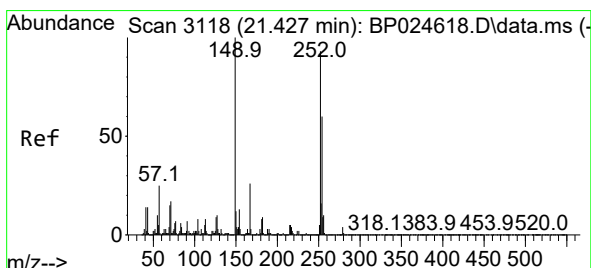
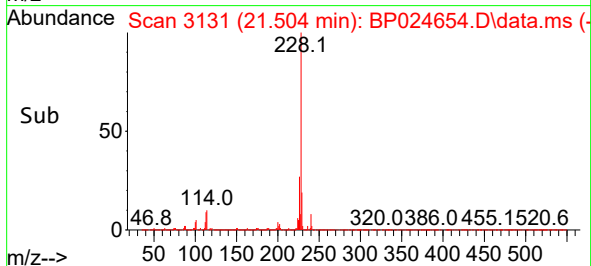
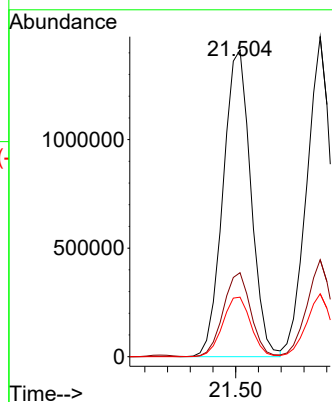
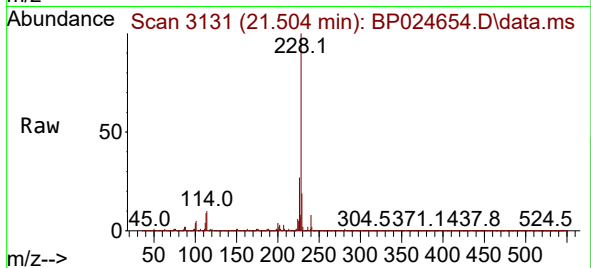
Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.4	32.0
229	19.4	15.5	23.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/19/2025

Supervised By :Jagrut Upadhyay 05/19/2025



#82

3,3'-Dichlorobenzidine

Concen: 33.177 ng

RT: 21.433 min Scan# 3119

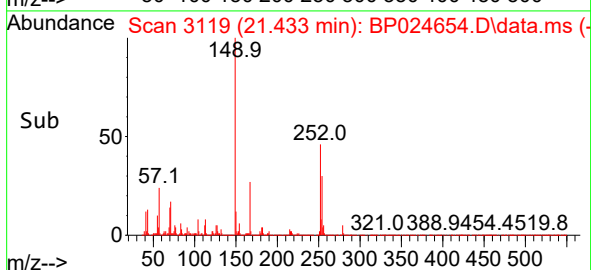
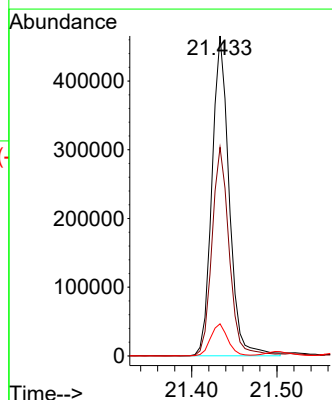
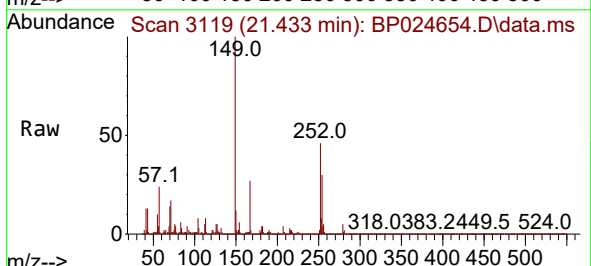
Delta R.T. 0.006 min

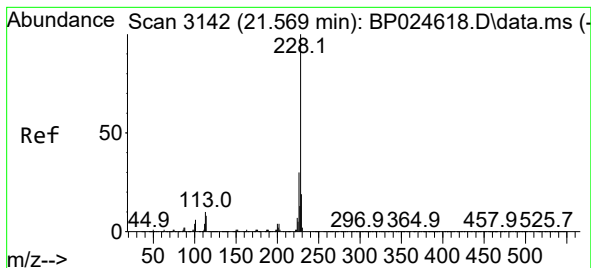
Lab File: BP024654.D

Acq: 16 May 2025 12:52

Tgt Ion:252 Resp: 653618

Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.8	77.6
126	10.0	7.7	11.5





#83

Chrysene

Concen: 44.714 ng

RT: 21.574 min Scan# 3142

Delta R.T. 0.006 min

Lab File: BP024654.D

Acq: 16 May 2025 12:52

Instrument :

BNA_P

ClientSampleId :

PB168019BSD

Tgt Ion:228 Resp: 224825

Ion Ratio Lower Upper

228 100

226 30.3 23.9 35.9

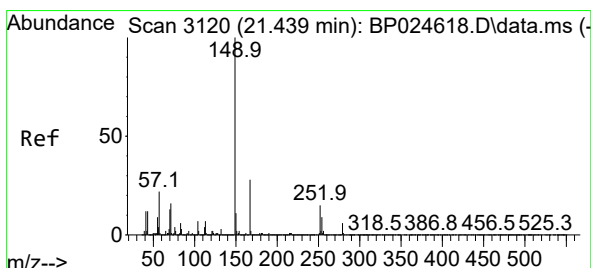
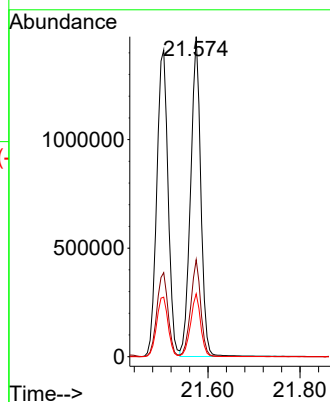
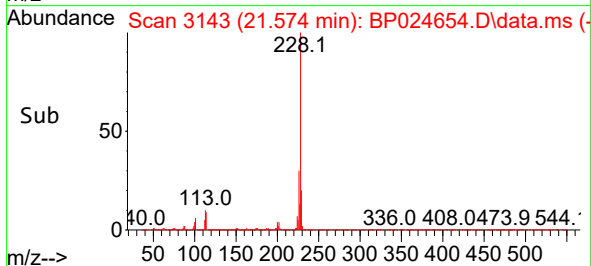
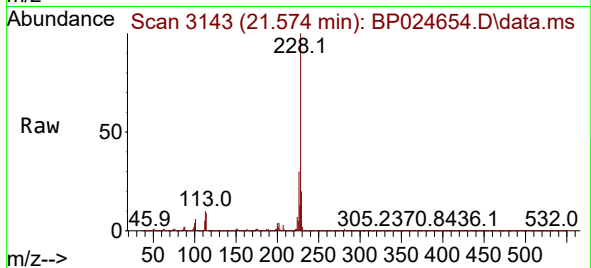
229 19.7 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/19/2025

Supervised By :Jagrut Upadhyay 05/19/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.561 ng

RT: 21.439 min Scan# 3120

Delta R.T. -0.000 min

Lab File: BP024654.D

Acq: 16 May 2025 12:52

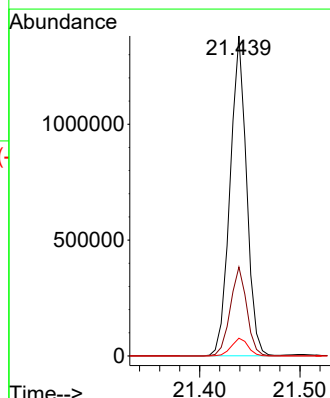
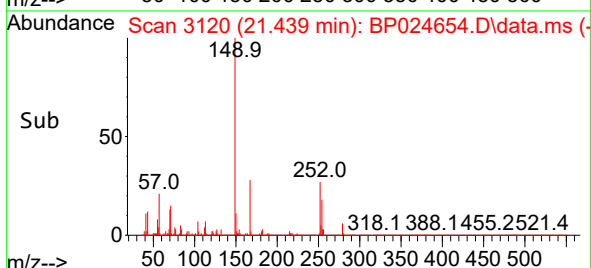
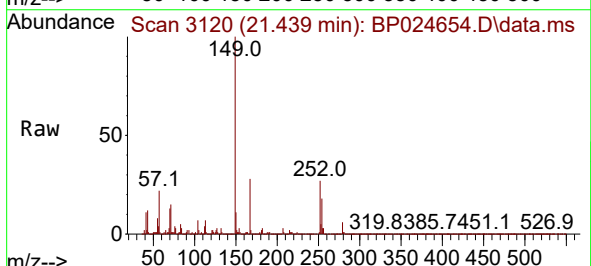
Tgt Ion:149 Resp: 1573600

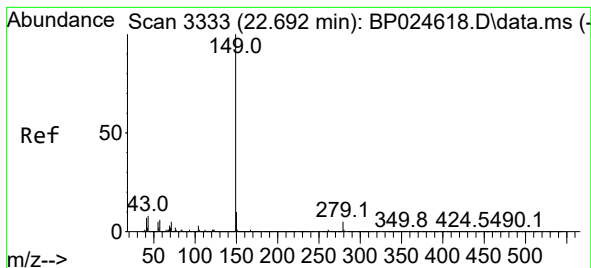
Ion Ratio Lower Upper

149 100

167 27.8 22.1 33.1

279 5.5 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 49.947 ng

RT: 22.686 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP024654.D

Acq: 16 May 2025 12:52

Instrument :

BNA_P

ClientSampleId :

PB168019BSD

Tgt Ion:149 Resp: 270236

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

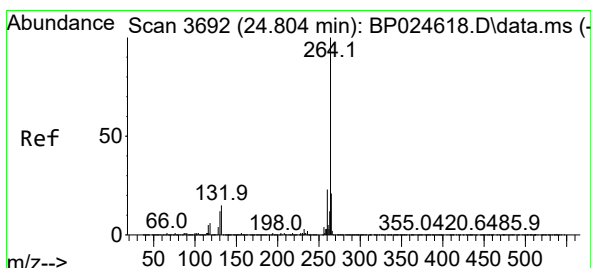
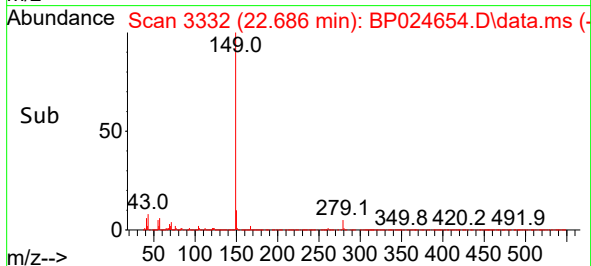
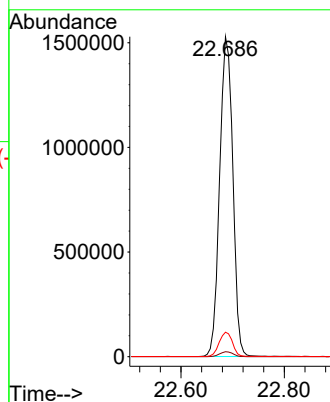
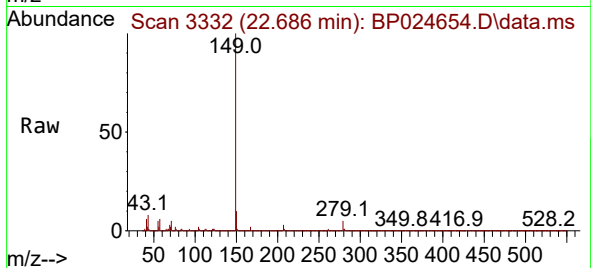
43 7.7 6.3 9.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/19/2025

Supervised By :Jagrut Upadhyay 05/19/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.809 min Scan# 3693

Delta R.T. 0.006 min

Lab File: BP024654.D

Acq: 16 May 2025 12:52

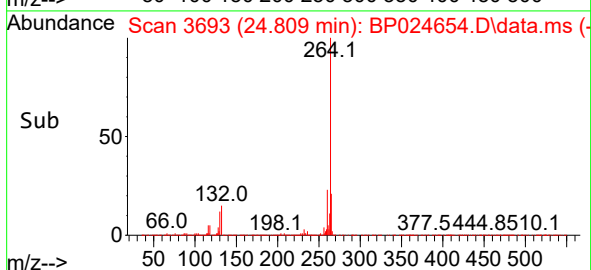
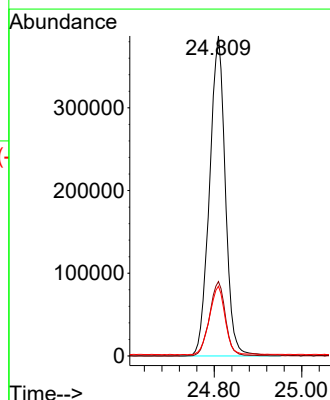
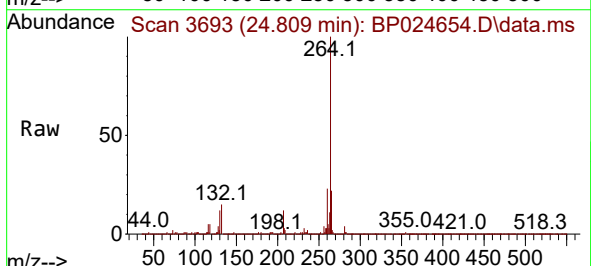
Tgt Ion:264 Resp: 972873

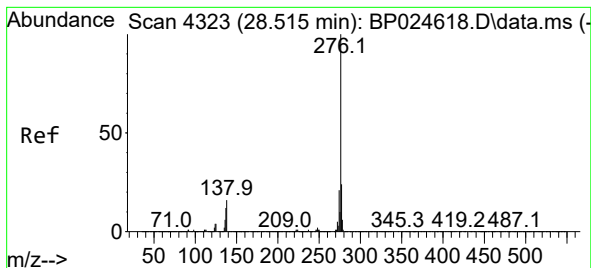
Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 21.8 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.947 ng

RT: 28.521 min Scan# 41

Delta R.T. 0.006 min

Lab File: BP024654.D

Acq: 16 May 2025 12:52

Instrument :

BNA_P

ClientSampleId :

PB168019BSD

Tgt Ion:276 Resp: 326341

Ion Ratio Lower Upper

276 100

138 13.9 11.2 16.8

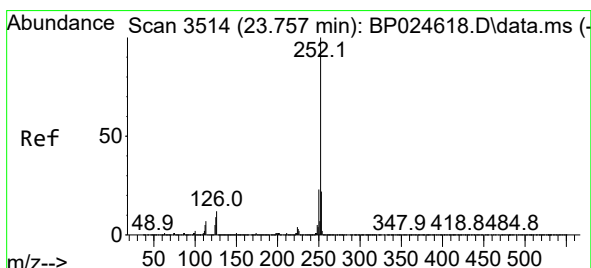
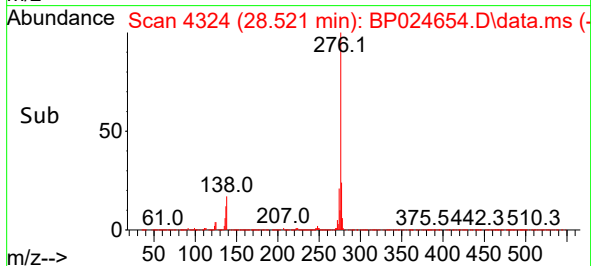
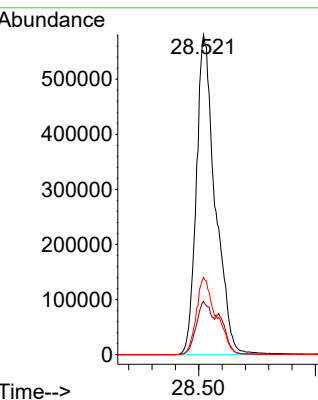
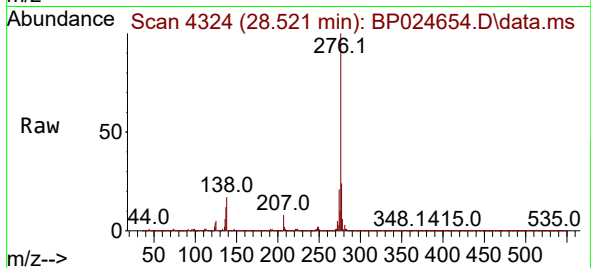
277 25.3 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/19/2025

Supervised By :Jagrut Upadhyay 05/19/2025



#88

Benzo(b)fluoranthene

Concen: 45.639 ng

RT: 23.762 min Scan# 3515

Delta R.T. 0.006 min

Lab File: BP024654.D

Acq: 16 May 2025 12:52

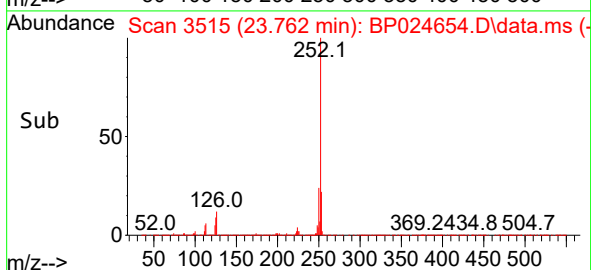
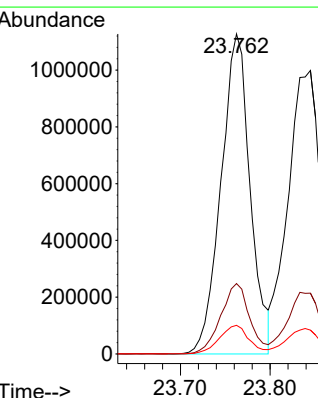
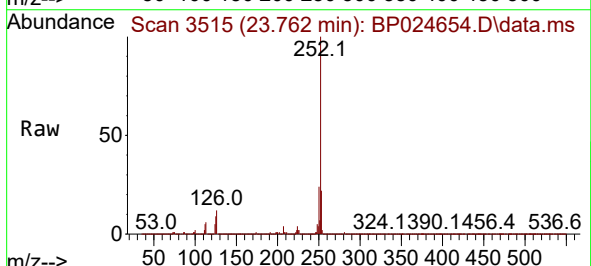
Tgt Ion:252 Resp: 2541459

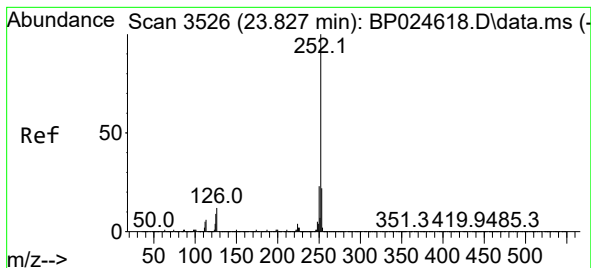
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 8.9 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 44.332 ng

RT: 23.845 min Scan# 3526

Delta R.T. 0.018 min

Lab File: BP024654.D

Acq: 16 May 2025 12:52

Instrument :

BNA_P

ClientSampleId :

PB168019BSD

Tgt Ion:252 Resp: 2543800

Ion Ratio Lower Upper

252 100

253 21.4 17.6 26.4

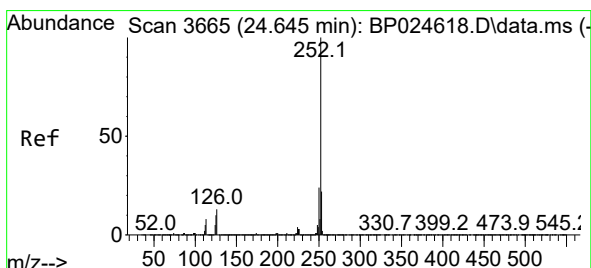
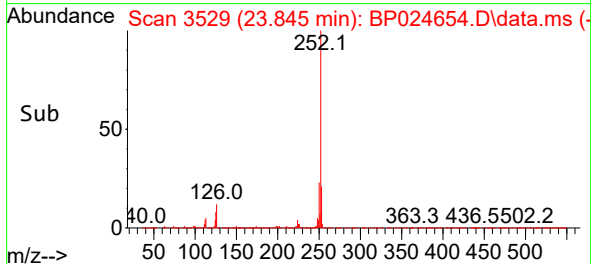
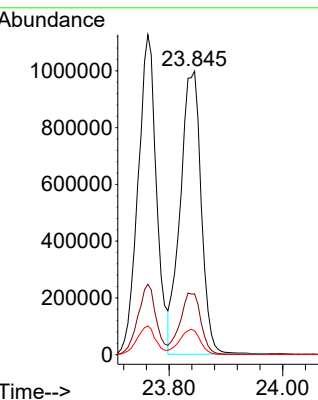
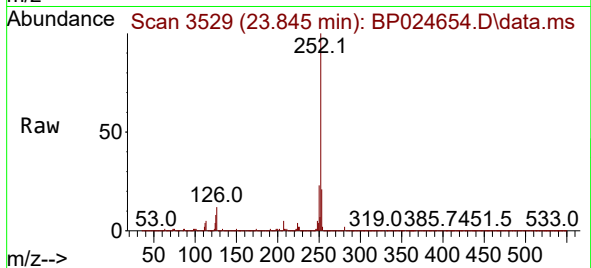
125 8.4 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/19/2025

Supervised By :Jagrut Upadhyay 05/19/2025



#90

Benzo(a)pyrene

Concen: 45.941 ng

RT: 24.657 min Scan# 3667

Delta R.T. 0.012 min

Lab File: BP024654.D

Acq: 16 May 2025 12:52

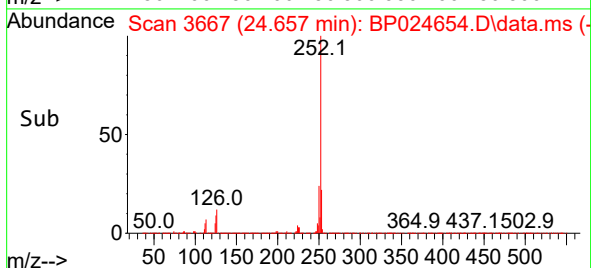
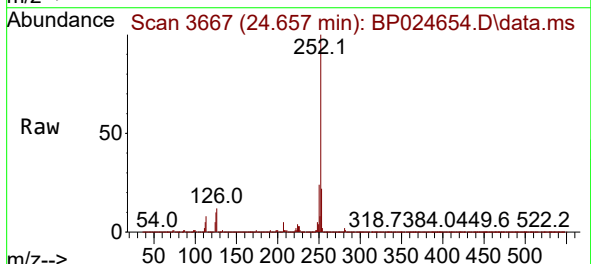
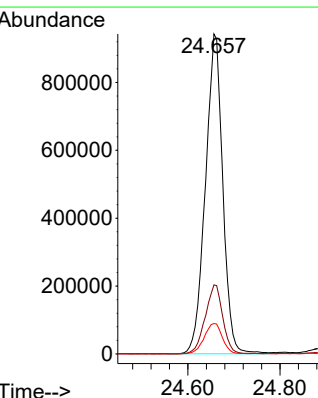
Tgt Ion:252 Resp: 2456998

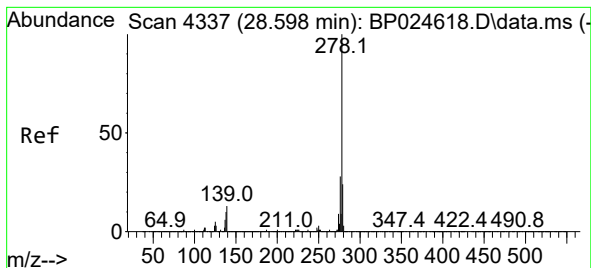
Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 9.5 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 46.561 ng

RT: 28.592 min Scan# 41

Delta R.T. -0.006 min

Lab File: BP024654.D

Acq: 16 May 2025 12:52

Instrument :

BNA_P

ClientSampleId :

PB168019BSD

Tgt Ion:278 Resp: 2690369

Ion Ratio Lower Upper

278 100

139 13.3 10.2 15.4

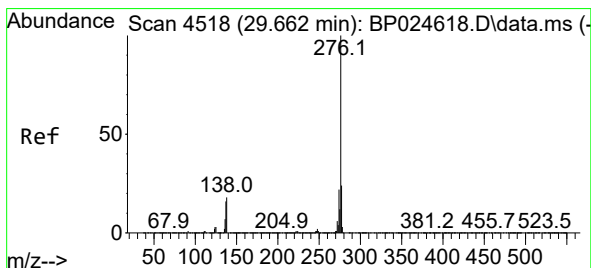
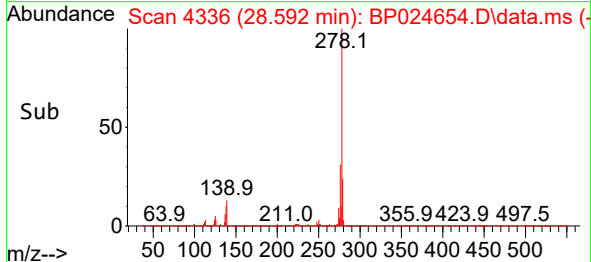
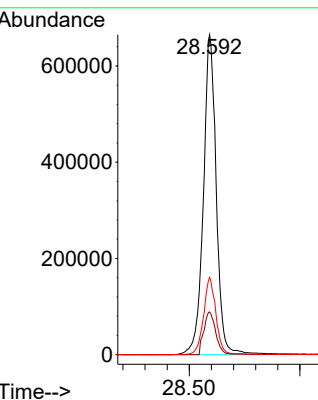
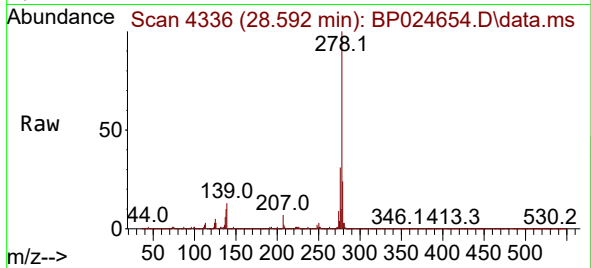
279 24.2 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/19/2025

Supervised By :Jagrut Upadhyay 05/19/2025



#92

Benzo(g,h,i)perylene

Concen: 45.666 ng

RT: 29.686 min Scan# 4522

Delta R.T. 0.023 min

Lab File: BP024654.D

Acq: 16 May 2025 12:52

Tgt Ion:276 Resp: 2624013

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 17.3 14.4 21.6

