

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022725\
 Data File : BP024125.D
 Acq On : 27 Feb 2025 18:35
 Operator : RC/JU
 Sample : Q1442-03MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 351MSD

Quant Time: Feb 28 00:10:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 18 02:25:07 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/28/2025
 Supervised By :mohammad ahmed 02/28/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	296436	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	1197401	20.000	ng	0.00
39) Acenaphthene-d10	14.393	164	753085	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	1503402	20.000	ng	0.00
76) Chrysene-d12	21.651	240	1764148	20.000	ng	0.00
86) Perylene-d12	25.045	264	1959641	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	2285853	120.321	ng	0.00
7) Phenol-d6	6.940	99	2970823	121.668	ng	0.00
23) Nitrobenzene-d5	8.905	82	1709254	79.637	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	1215565	131.776	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	3914211	72.662	ng	0.00
79) Terphenyl-d14	19.916	244	6389703	71.670	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	308277	41.366	ng	98
3) Pyridine	3.699	79	751464	38.783	ng	99
4) n-Nitrosodimethylamine	3.605	42	288913	42.036	ng	95
6) Aniline	7.087	93	669084	29.922	ng	98
8) 2-Chlorophenol	7.328	128	923305	45.917	ng	98
9) Benzaldehyde	6.905	77	355667m	31.904	ng	
10) Phenol	6.963	94	1220063	49.690	ng	99
11) bis(2-Chloroethyl)ether	7.181	93	878526	45.428	ng	98
12) 1,3-Dichlorobenzene	7.646	146	950145	43.012	ng	99
13) 1,4-Dichlorobenzene	7.787	146	972832	43.547	ng	99
14) 1,2-Dichlorobenzene	8.105	146	932377	43.488	ng	99
15) Benzyl Alcohol	7.993	79	751350	50.270	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.269	45	920603	49.038	ng	98
17) 2-Methylphenol	8.199	107	759140	50.735	ng	99
18) Hexachloroethane	8.828	117	349048	43.385	ng	98
19) n-Nitroso-di-n-propyla...	8.552	70	645453	49.164	ng	99
20) 3+4-Methylphenols	8.522	107	1039588	51.073	ng	98
22) Acetophenone	8.569	105	1464817	47.605	ng	# 99
24) Nitrobenzene	8.946	77	937384	44.378	ng	99
25) Isophorone	9.469	82	1793001	51.085	ng	100
26) 2-Nitrophenol	9.652	139	457039	46.964	ng	99
27) 2,4-Dimethylphenol	9.716	122	783960	61.370	ng	98
28) bis(2-Chloroethoxy)met...	9.946	93	1142676	44.941	ng	99
29) 2,4-Dichlorophenol	10.193	162	841679	48.281	ng	99
30) 1,2,4-Trichlorobenzene	10.399	180	847454	42.428	ng	98
31) Naphthalene	10.581	128	2757535	42.830	ng	100
32) Benzoic acid	9.852	122	624612	46.820	ng	99
33) 4-Chloroaniline	10.693	127	468753	20.666	ng	99
34) Hexachlorobutadiene	10.869	225	490836	42.427	ng	100
35) Caprolactam	11.481	113	325613	54.587	ng	97
36) 4-Chloro-3-methylphenol	11.822	107	919683	51.318	ng	97
37) 2-Methylnaphthalene	12.193	142	1867239	43.634	ng	100
38) 1-Methylnaphthalene	12.416	142	1855767	44.578	ng	100
40) 1,2,4,5-Tetrachloroben...	12.569	216	1066901	46.108	ng	99
41) Hexachlorocyclopentadiene	12.551	237	1075419	124.900	ng	100
43) 2,4,6-Trichlorophenol	12.810	196	660041	46.774	ng	98

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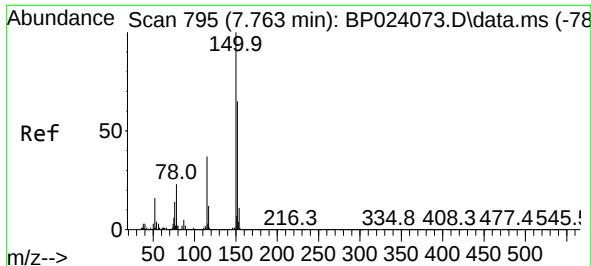
Quant Time: Feb 28 00:10:26 2025
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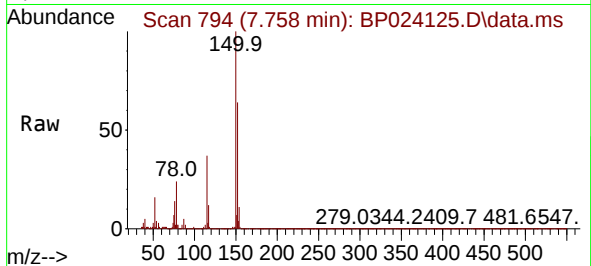
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.887	196	734795	47.613	ng	99
46) 1,1'-Biphenyl	13.210	154	2771880	47.367	ng	99
47) 2-Chloronaphthalene	13.251	162	1899845	42.946	ng	99
48) 2-Nitroaniline	13.457	65	549079	52.544	ng	99
49) Acenaphthylene	14.110	152	3165564	48.569	ng	100
50) Dimethylphthalate	13.845	163	2411639	45.399	ng	100
51) 2,6-Dinitrotoluene	13.957	165	513730	47.475	ng	98
52) Acenaphthene	14.451	154	1919080	45.724	ng	99
53) 3-Nitroaniline	14.293	138	395409	34.243	ng	99
54) 2,4-Dinitrophenol	14.498	184	586353	81.976	ng	94
55) Dibenzofuran	14.792	168	2933564	43.025	ng	100
56) 4-Nitrophenol	14.622	139	1140691	114.362	ng	96
57) 2,4-Dinitrotoluene	14.757	165	746639	53.115	ng	98
58) Fluorene	15.451	166	2477038	46.518	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.028	232	638150	47.660	ng	99
60) Diethylphthalate	15.228	149	2466092	46.766	ng	100
61) 4-Chlorophenyl-phenyle...	15.445	204	1171441	44.695	ng	99
62) 4-Nitroaniline	15.475	138	604482	44.477	ng	97
63) Azobenzene	15.745	77	2507737	50.749	ng	97
65) 4,6-Dinitro-2-methylph...	15.534	198	370741	39.593	ng	98
66) n-Nitrosodiphenylamine	15.669	169	2098083	44.751	ng	99
67) 4-Bromophenyl-phenylether	16.363	248	734104	43.483	ng	98
68) Hexachlorobenzene	16.486	284	866449	43.616	ng	97
69) Atrazine	16.651	200	854089	70.987	ng	99
70) Pentachlorophenol	16.839	266	1267881	98.269	ng	100
71) Phenanthrene	17.239	178	5133934	60.570	ng	100
72) Anthracene	17.328	178	4041222	49.753	ng	99
73) Carbazole	17.610	167	3837195	49.583	ng	100
74) Di-n-butylphthalate	18.204	149	4559959	50.498	ng	100
75) Fluoranthene	19.322	202	7120796	74.275	ng	98
77) Benzidine	19.522	184	2634243	122.539	ng	100
78) Pyrene	19.698	202	6848086	61.112	ng	100
80) Butylbenzylphthalate	20.651	149	2219185	51.681	ng	92
81) Benzo(a)anthracene	21.627	228	6037624	54.579	ng	99
82) 3,3'-Dichlorobenzidine	21.551	252	1279657	37.019	ng	99
83) Chrysene	21.698	228	5822417	54.584	ng	100
84) Bis(2-ethylhexyl)phtha...	21.574	149	3408937	52.352	ng	98
85) Di-n-octyl phthalate	22.863	149	5869835	56.397	ng	98
87) Indeno(1,2,3-cd)pyrene	28.886	276	6573142m	47.149	ng	
88) Benzo(b)fluoranthene	23.968	252	6409565	51.506	ng	100
89) Benzo(k)fluoranthene	24.039	252	5967292	49.265	ng	100
90) Benzo(a)pyrene	24.886	252	5847733	55.371	ng	99
91) Dibenzo(a,h)anthracene	28.992	278	5017812	42.807	ng	99
92) Benzo(g,h,i)perylene	30.098	276	5140085	43.213	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.758 min Scan# 795
Delta R.T. -0.005 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

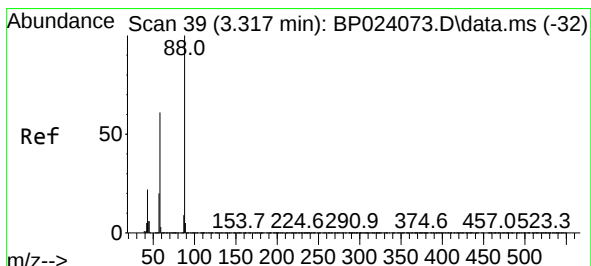
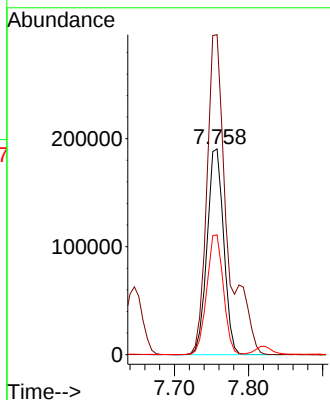
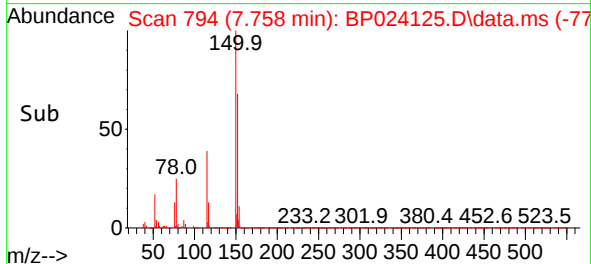
Instrument :
BNA_P
ClientSampleId :
351MSD



Tgt Ion:152 Resp: 296430
Ion Ratio Lower Upper
152 100
150 155.5 122.4 183.6
115 58.2 45.0 67.6

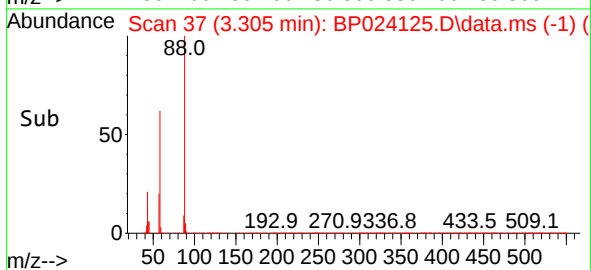
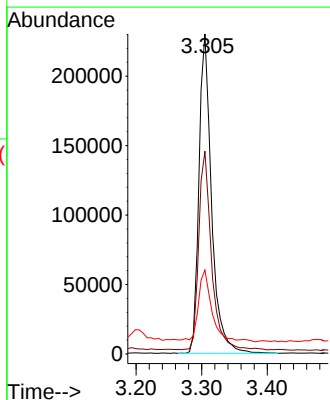
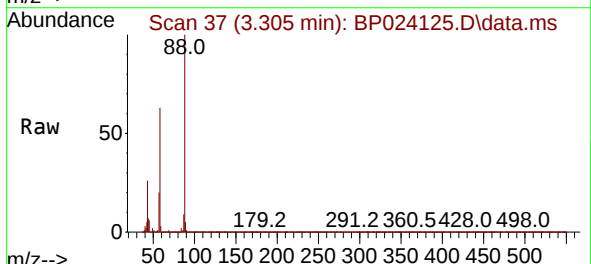
Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 02/28/2025



#2
1,4-Dioxane
Concen: 41.366 ng
RT: 3.305 min Scan# 37
Delta R.T. -0.012 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

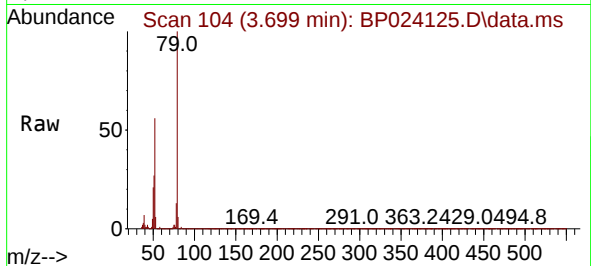
Tgt Ion: 88 Resp: 308277
Ion Ratio Lower Upper
88 100
58 62.6 49.1 73.7
43 21.4 18.0 27.0





#3
Pyridine
Concen: 38.783 ng
RT: 3.699 min Scan# 106
Delta R.T. -0.012 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

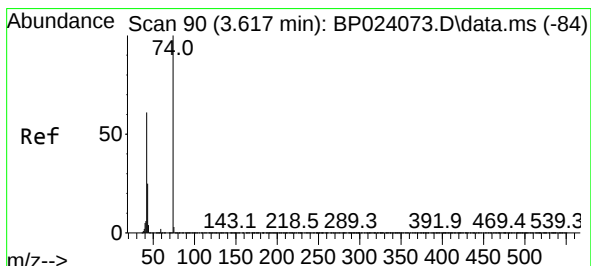
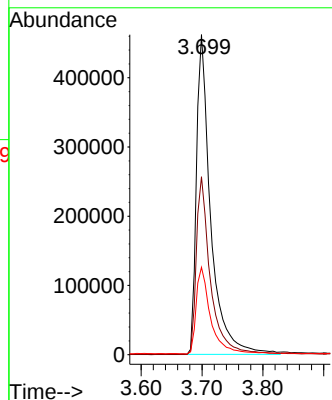
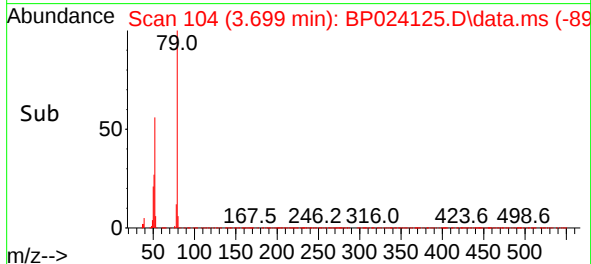
Instrument :
BNA_P
ClientSampleId :
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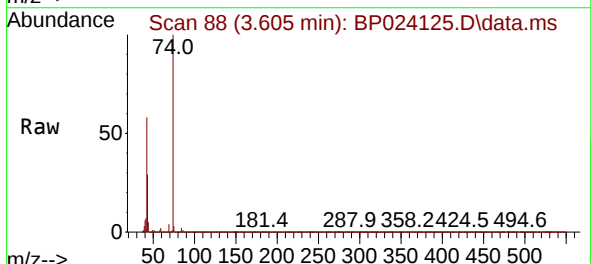
Tgt Ion: 79 Resp: 751464
Ion Ratio Lower Upper
79 100
52 55.6 43.5 65.3
51 27.3 22.2 33.4

Manual Integrations
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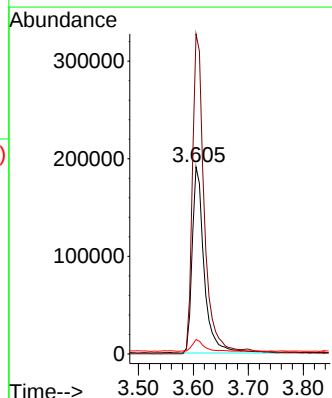
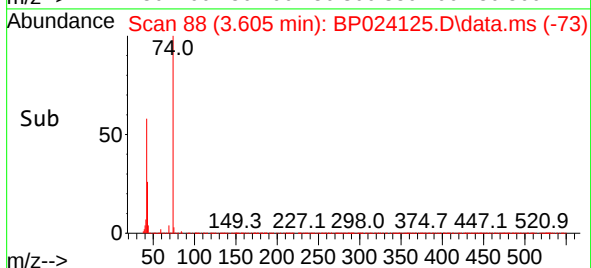
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025

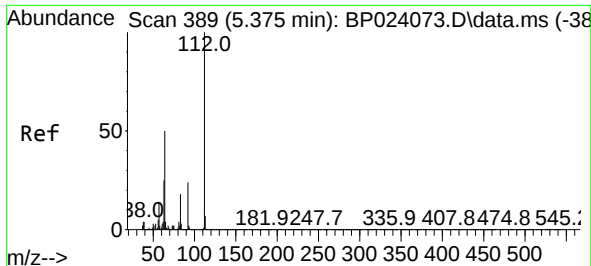


#4
n-Nitrosodimethylamine
Concen: 42.036 ng
RT: 3.605 min Scan# 88
Delta R.T. -0.012 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35



Tgt Ion: 42 Resp: 288913
Ion Ratio Lower Upper
42 100
74 171.1 132.0 198.0
44 7.7 5.3 7.9





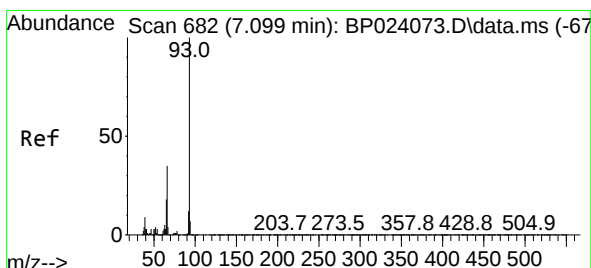
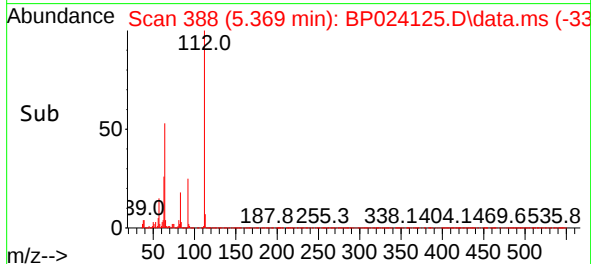
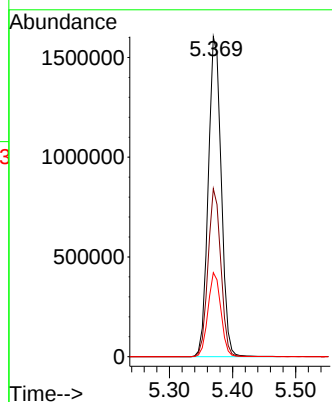
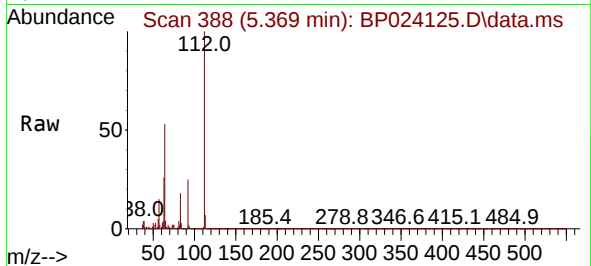
#5
2-Fluorophenol
Concen: 120.321 ng
RT: 5.369 min Scan# 389
Delta R.T. -0.006 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

Instrument :
BNA_P
ClientSampleId :
351MSD

Tgt Ion:112 Resp: 228585
Ion Ratio Lower Upper
112 100
64 52.5 39.6 59.4
63 26.2 20.3 30.5

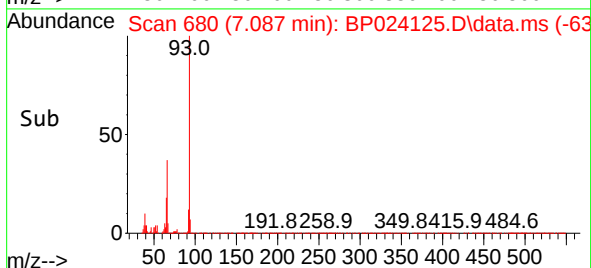
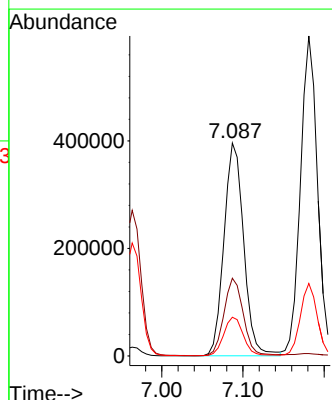
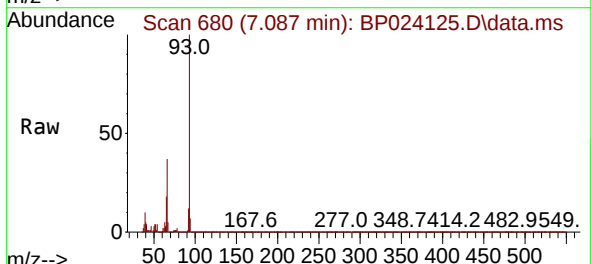
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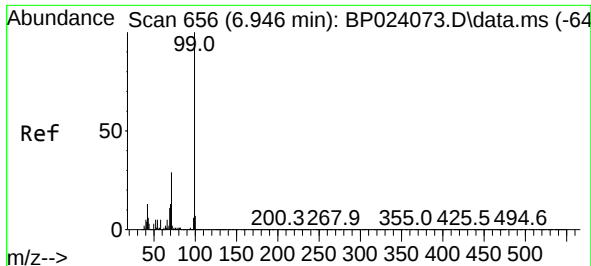
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#6
Aniline
Concen: 29.922 ng
RT: 7.087 min Scan# 680
Delta R.T. -0.012 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

Tgt Ion: 93 Resp: 669084
Ion Ratio Lower Upper
93 100
66 36.5 28.2 42.4
65 18.2 14.1 21.1





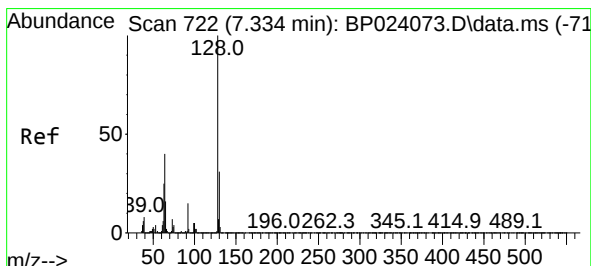
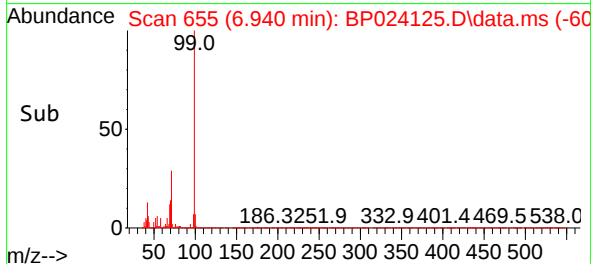
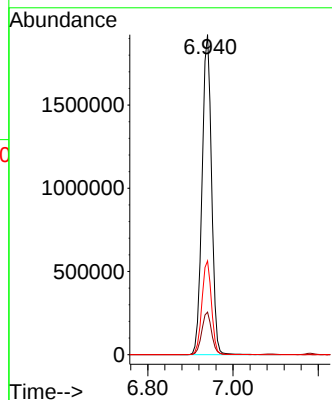
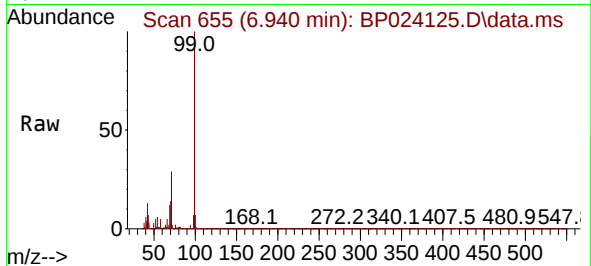
#7
Phenol-d6
Concen: 121.668 ng
RT: 6.940 min Scan# 611
Delta R.T. -0.006 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 297082
Ion Ratio Lower Upper
99 100
42 13.3 10.3 15.5
71 29.3 22.9 34.3

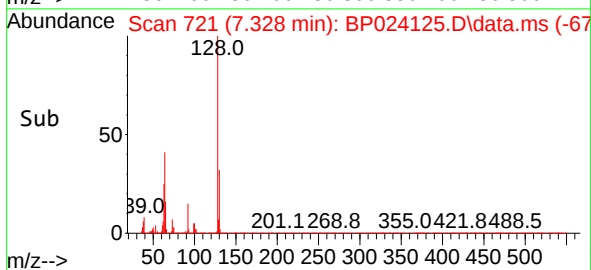
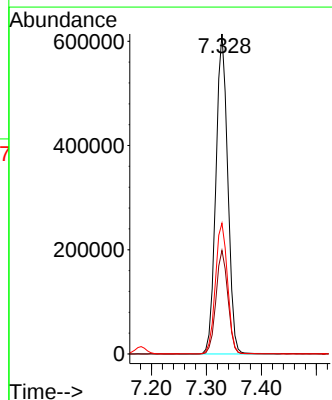
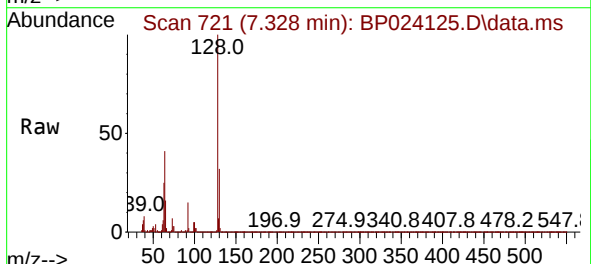
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#8
2-Chlorophenol
Concen: 45.917 ng
RT: 7.328 min Scan# 721
Delta R.T. -0.006 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

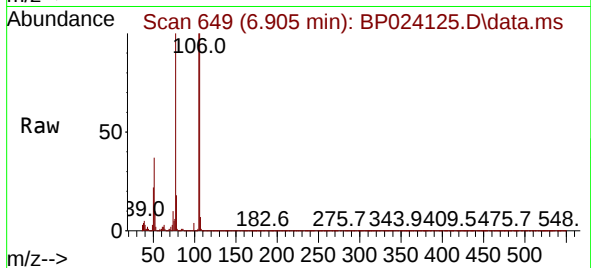
Tgt Ion:128 Resp: 923305
Ion Ratio Lower Upper
128 100
130 32.3 11.5 51.5
64 40.9 19.8 59.8





#9
Benzaldehyde
Concen: 31.904 ng m
RT: 6.905 min Scan# 649
Delta R.T. -0.006 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

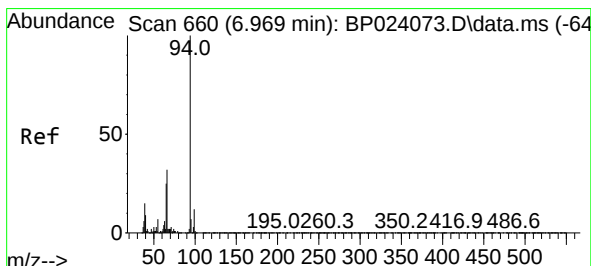
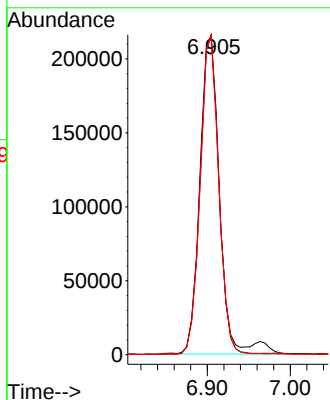
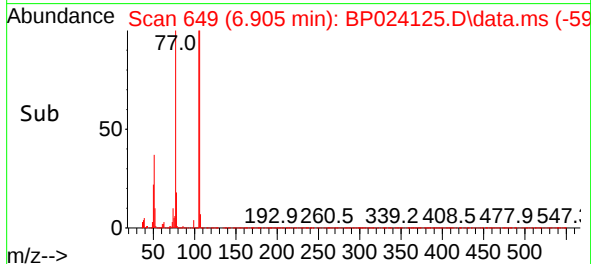
Instrument :
BNA_P
ClientSampleId :
351MSD



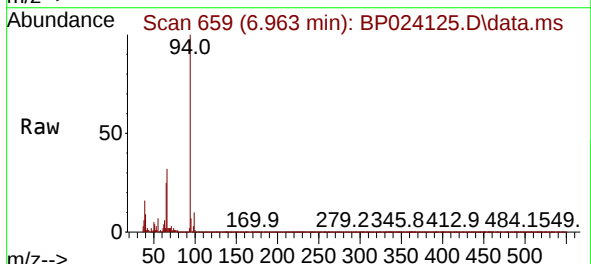
Tgt Ion: 77 Resp: 35566
Ion Ratio Lower Upper
77 100
105 100.3 81.4 121.4
106 99.9 79.0 119.0

Manual Integrations
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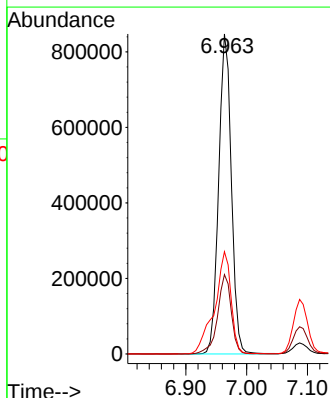
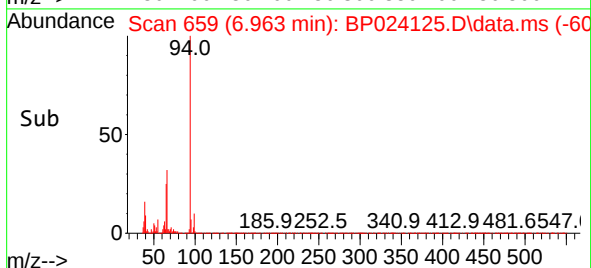
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Supervised By :mohammad ahmed 02/28/2025

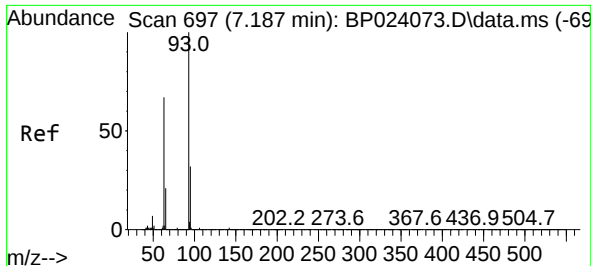


#10
Phenol
Concen: 49.690 ng
RT: 6.963 min Scan# 659
Delta R.T. -0.006 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35



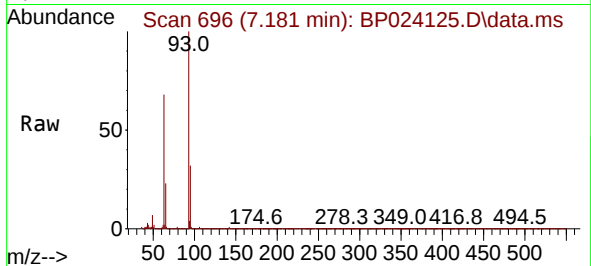
Tgt Ion: 94 Resp: 1220063
Ion Ratio Lower Upper
94 100
65 24.8 5.0 45.0
66 31.9 11.6 51.6





#11
bis(2-Chloroethyl)ether
Concen: 45.428 ng
RT: 7.181 min Scan# 697
Delta R.T. -0.006 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

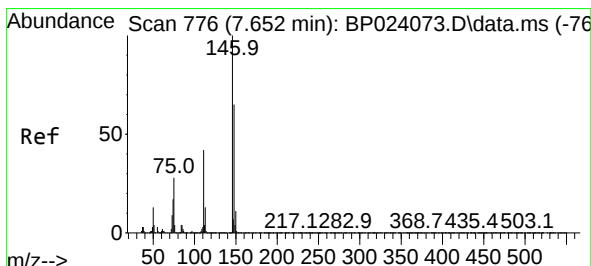
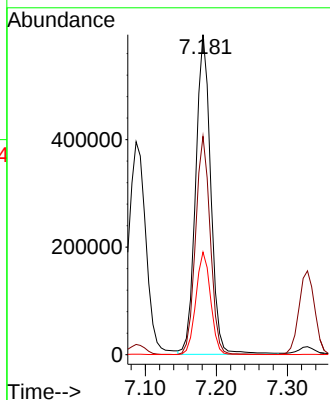
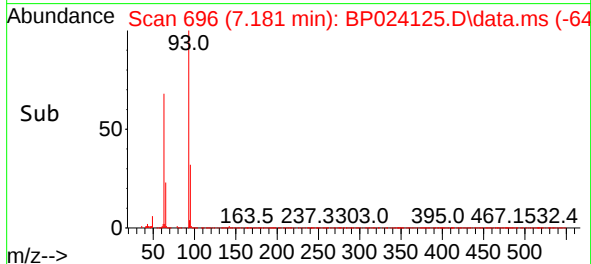
Instrument :
BNA_P
ClientSampleId :
351MSD



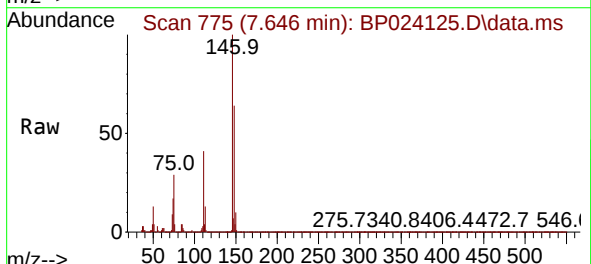
Tgt Ion: 93 Resp: 878520
Ion Ratio Lower Upper
93 100
63 68.2 46.5 86.5
95 32.1 12.3 52.3

Manual Integrations
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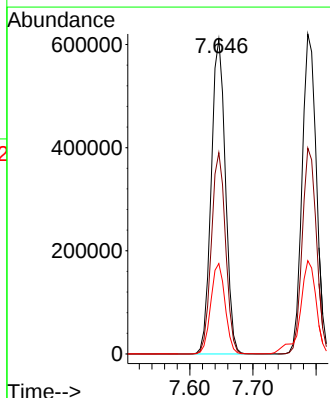
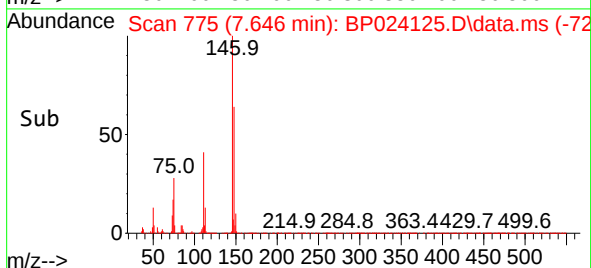
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025

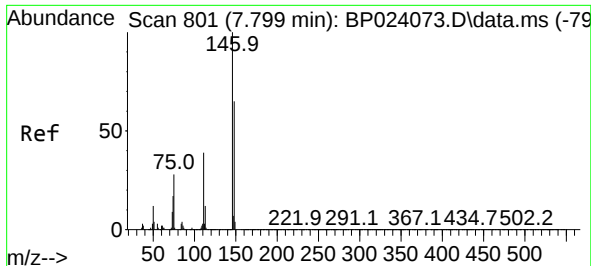


#12
1,3-Dichlorobenzene
Concen: 43.012 ng
RT: 7.646 min Scan# 775
Delta R.T. -0.006 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35



Tgt Ion:146 Resp: 950145
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.8
75 28.7 22.6 33.8





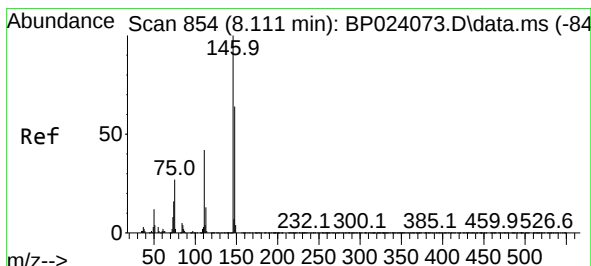
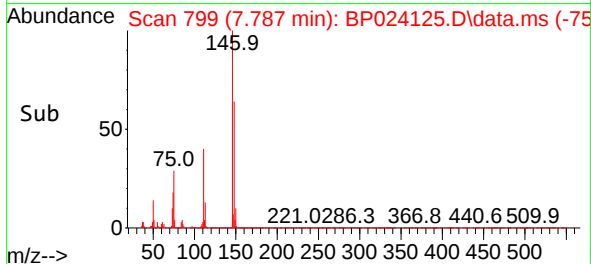
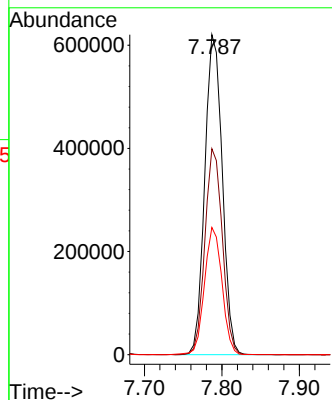
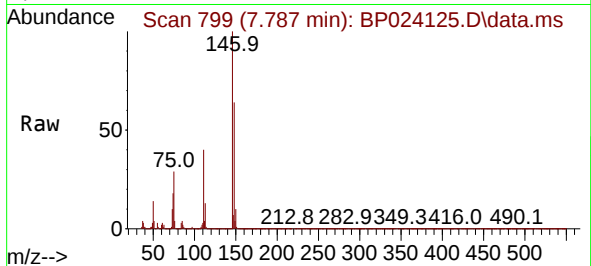
#13
1,4-Dichlorobenzene
Concen: 43.547 ng
RT: 7.787 min Scan# 799
Delta R.T. -0.012 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

Instrument :
BNA_P
ClientSampleId :
351MSD

Tgt Ion:146 Resp: 97283
Ion Ratio Lower Upper
146 100
148 64.3 51.6 77.4
111 39.7 31.2 46.8

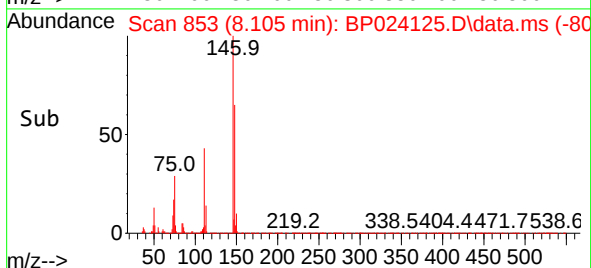
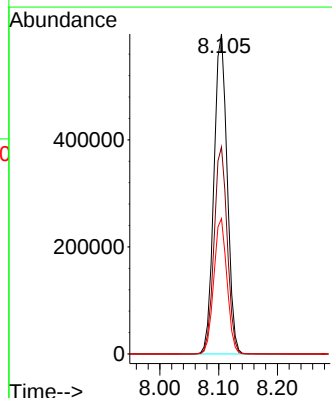
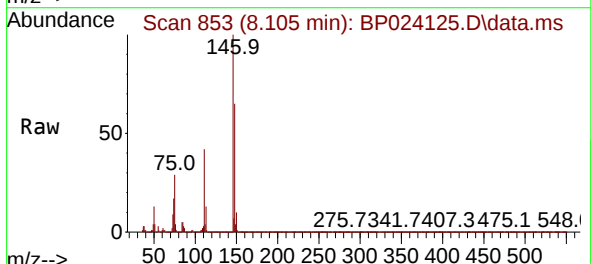
Manual Integrations
APPROVED

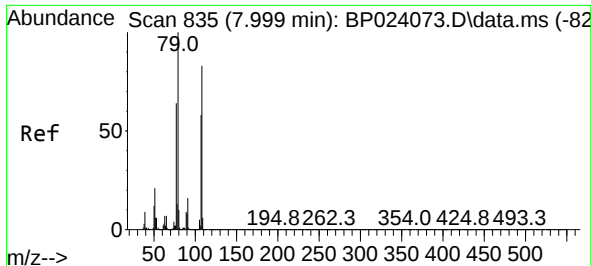
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#14
1,2-Dichlorobenzene
Concen: 43.488 ng
RT: 8.105 min Scan# 853
Delta R.T. -0.006 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

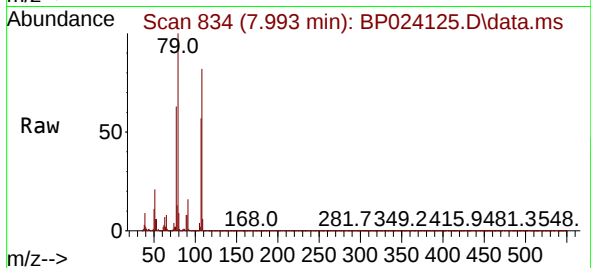
Tgt Ion:146 Resp: 932377
Ion Ratio Lower Upper
146 100
148 64.7 51.2 76.8
111 42.3 33.4 50.0





#15
Benzyl Alcohol
Concen: 50.270 ng
RT: 7.993 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

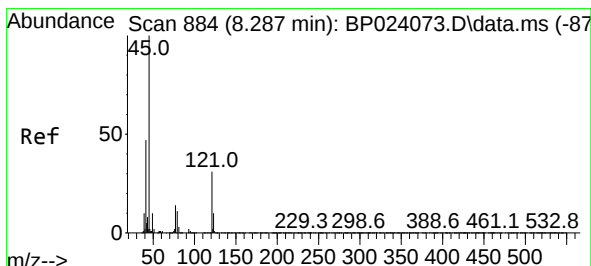
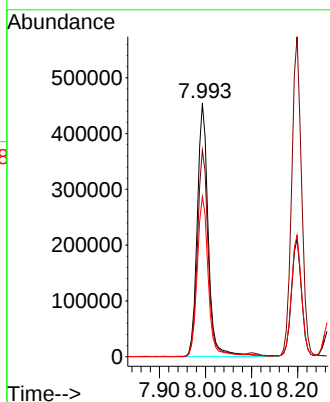
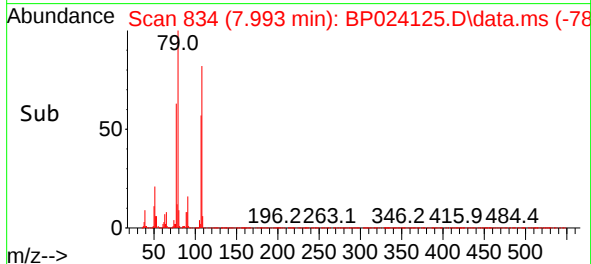
Instrument :
BNA_P
ClientSampleId :
351MSD



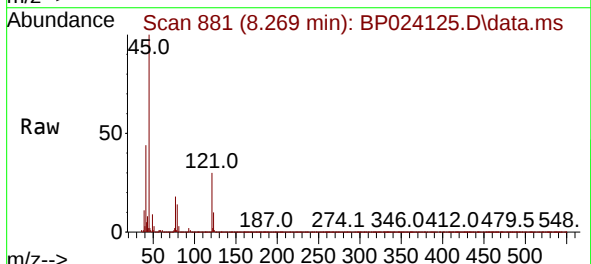
Tgt Ion: 79 Resp: 751350
Ion Ratio Lower Upper
79 100
108 81.6 66.4 99.6
77 63.2 51.3 76.9

Manual Integrations
APPROVED

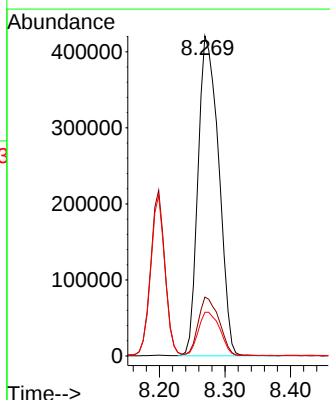
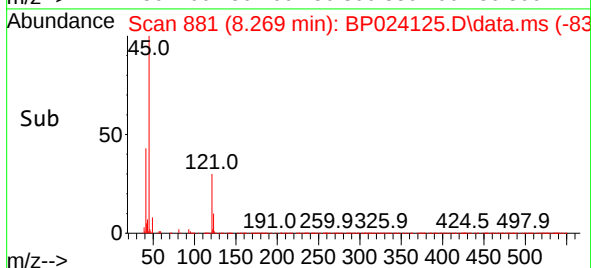
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025

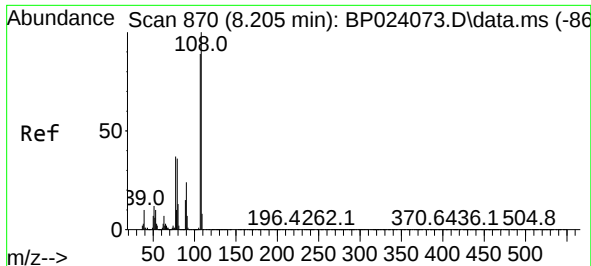


#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.038 ng
RT: 8.269 min Scan# 881
Delta R.T. -0.018 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35



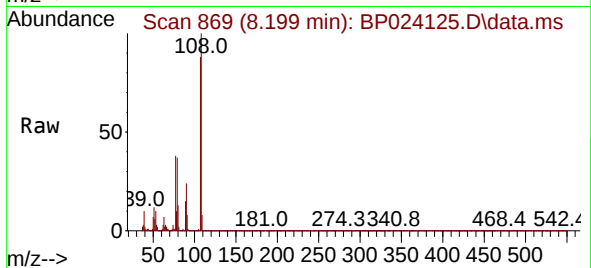
Tgt Ion: 45 Resp: 920603
Ion Ratio Lower Upper
45 100
77 18.4 0.0 38.8
79 13.6 0.0 35.4





#17
2-Methylphenol
Concen: 50.735 ng
RT: 8.199 min Scan# 801
Delta R.T. -0.006 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

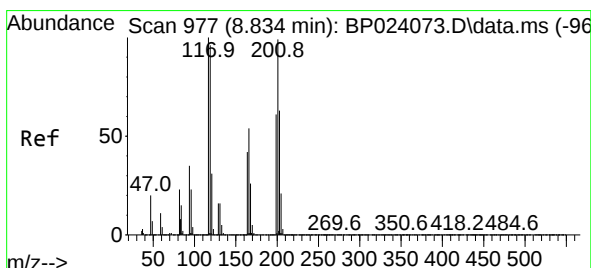
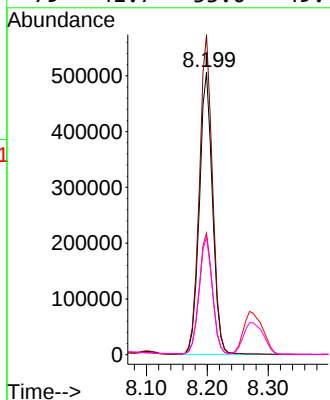
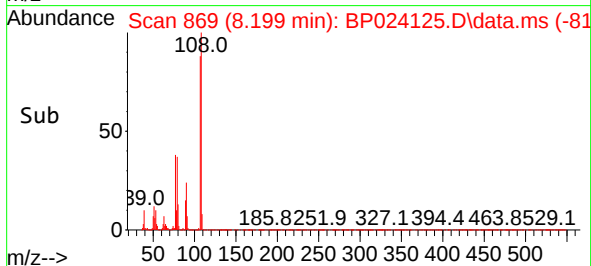
Instrument :
BNA_P
ClientSampleId :
351MSD



Tgt Ion:107 Resp: 759140
Ion Ratio Lower Upper
107 100
108 113.4 90.0 135.0
77 43.1 33.8 50.6
79 41.7 33.0 49.4

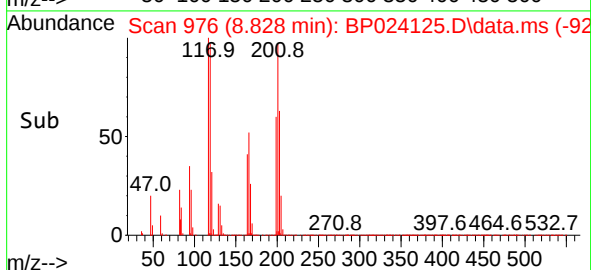
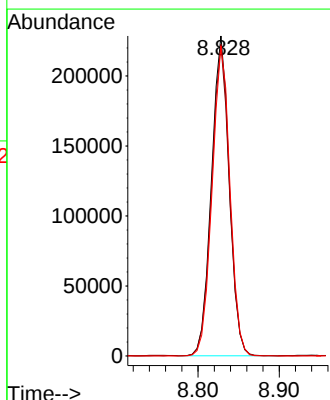
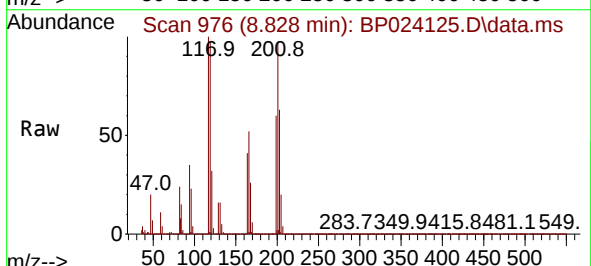
Manual Integrations
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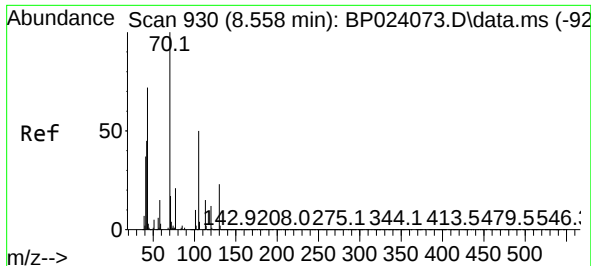
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#18
Hexachloroethane
Concen: 43.385 ng
RT: 8.828 min Scan# 976
Delta R.T. -0.006 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

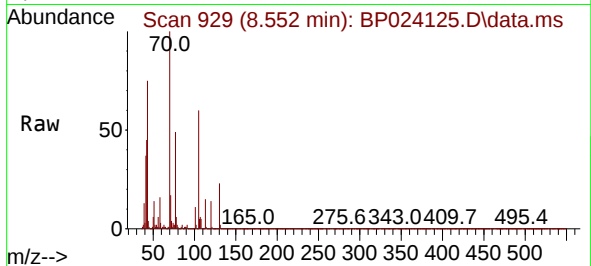
Tgt Ion:117 Resp: 349048
Ion Ratio Lower Upper
117 100
119 97.4 76.9 115.3
201 96.9 79.4 119.2





#19
n-Nitroso-di-n-propylamine
Concen: 49.164 ng
RT: 8.552 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

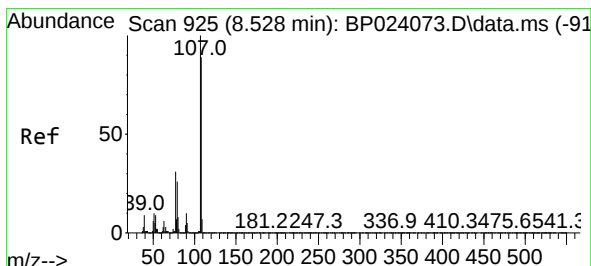
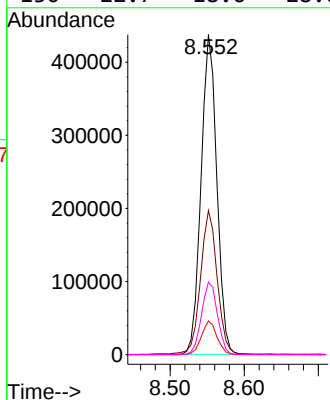
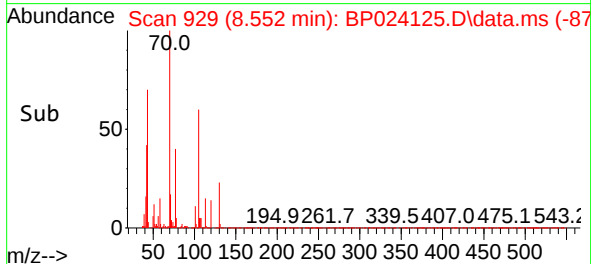
Instrument :
BNA_P
ClientSampleId :
351MSD



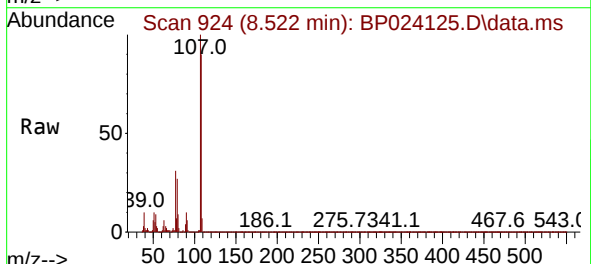
Tgt Ion: 70 Resp: 64545
Ion Ratio Lower Upper
70 100
42 45.0 36.6 54.8
101 10.5 8.2 12.2
130 22.7 18.6 28.0

Manual Integrations
APPROVED

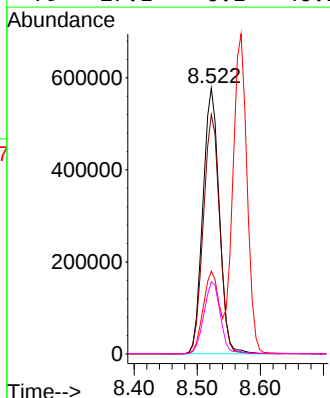
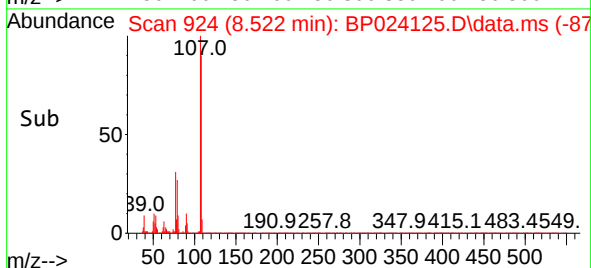
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025

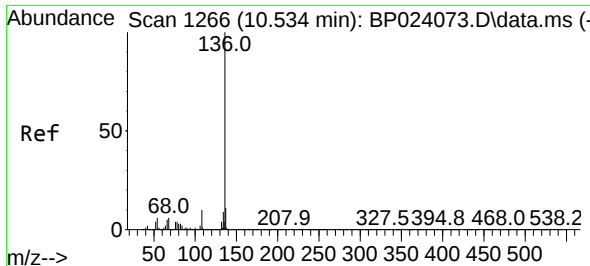


#20
3+4-Methylphenols
Concen: 51.073 ng
RT: 8.522 min Scan# 924
Delta R.T. -0.006 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35



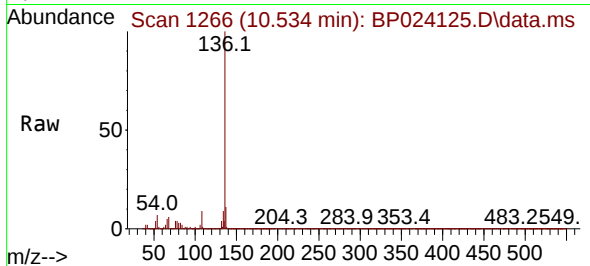
Tgt Ion:107 Resp: 1039588
Ion Ratio Lower Upper
107 100
108 90.0 68.5 108.5
77 31.1 10.7 50.7
79 27.1 6.1 46.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 119740
Delta R.T. -0.000 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

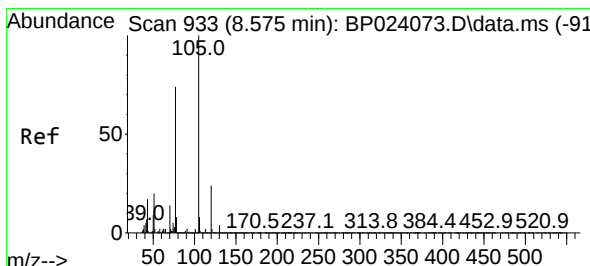
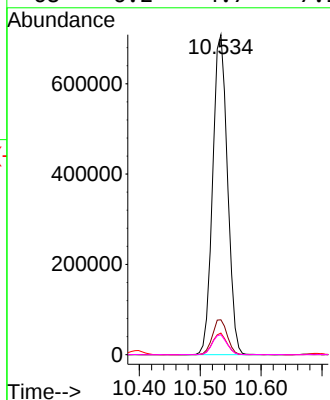
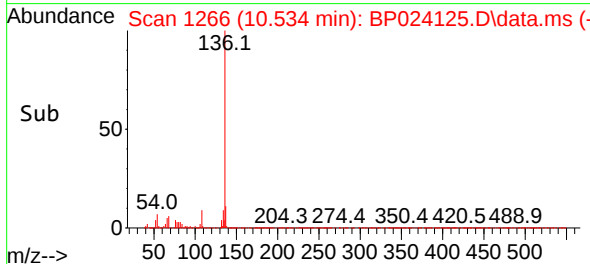
Instrument :
BNA_P
ClientSampleId :
351MSD



Tgt Ion:136 Resp: 119740
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 6.7 4.9 7.3
68 6.2 4.7 7.1

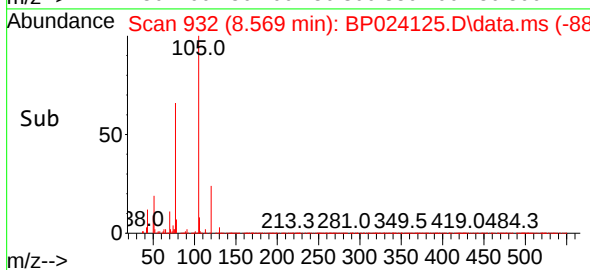
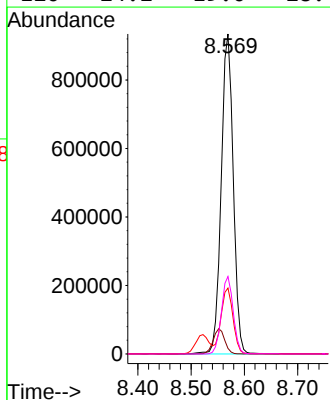
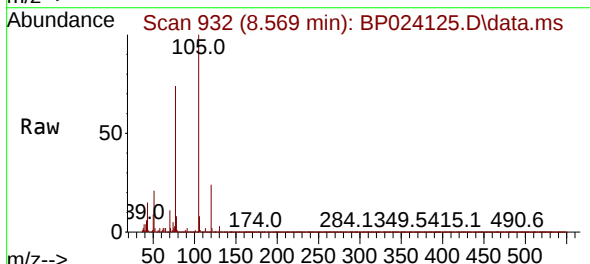
Manual Integrations
APPROVED

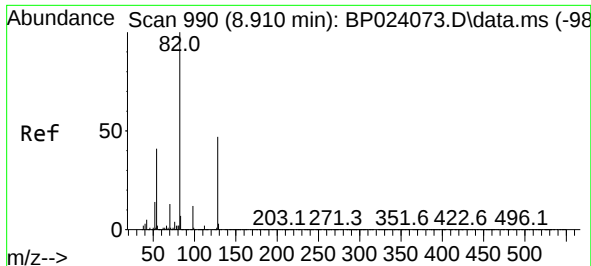
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#22
Acetophenone
Concen: 47.605 ng
RT: 8.569 min Scan# 932
Delta R.T. -0.006 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

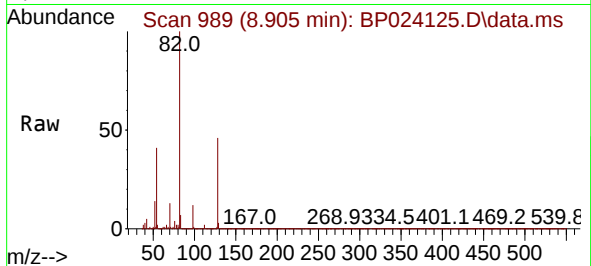
Tgt Ion:105 Resp: 1464817
Ion Ratio Lower Upper
105 100
71 1.8 1.9 2.9#
51 20.6 16.3 24.5
120 24.2 19.0 28.4





#23
Nitrobenzene-d5
Concen: 79.637 ng
RT: 8.905 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

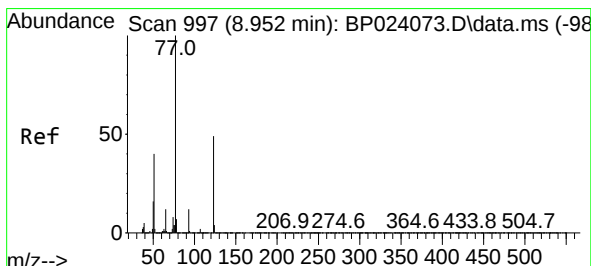
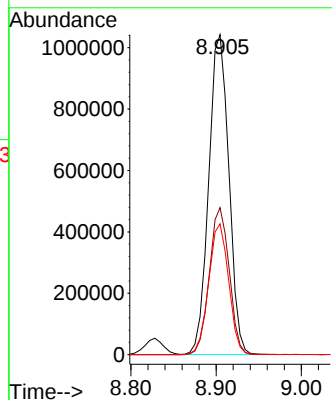
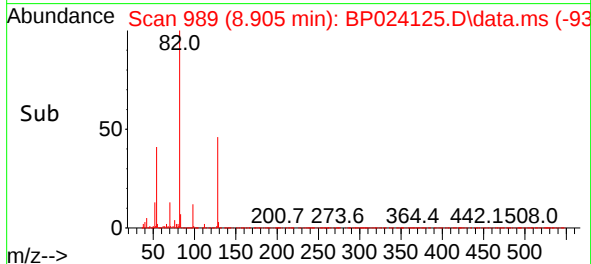
Instrument :
BNA_P
ClientSampleId :
351MSD



Tgt Ion: 82 Resp: 1709254
Ion Ratio Lower Upper
82 100
128 46.0 37.4 56.2
54 40.9 32.4 48.6

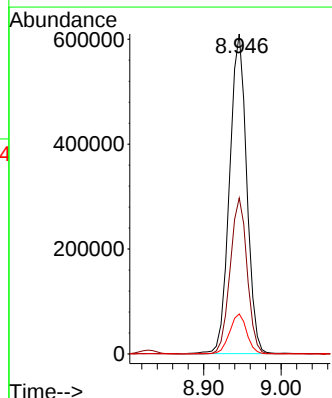
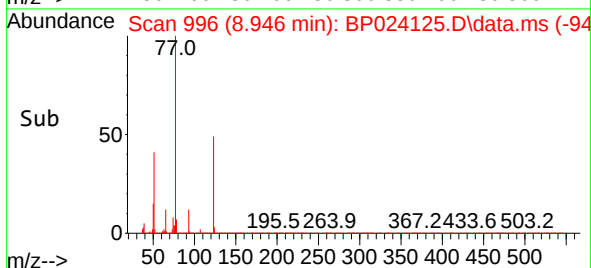
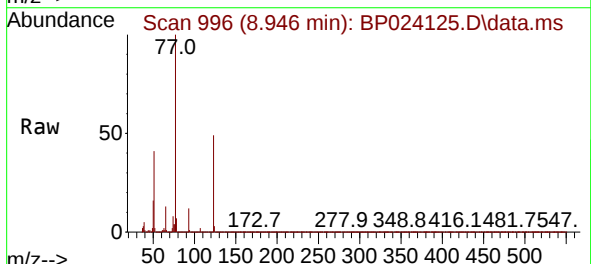
Manual Integrations
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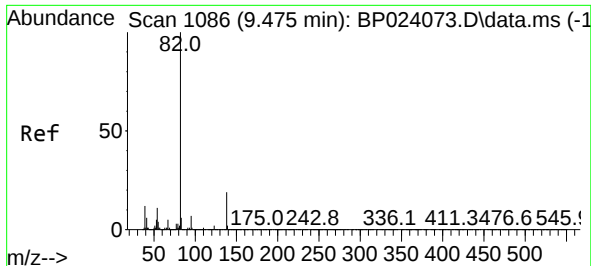
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#24
Nitrobenzene
Concen: 44.378 ng
RT: 8.946 min Scan# 996
Delta R.T. -0.006 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

Tgt Ion: 77 Resp: 937384
Ion Ratio Lower Upper
77 100
123 48.7 39.4 59.2
65 12.5 9.9 14.9





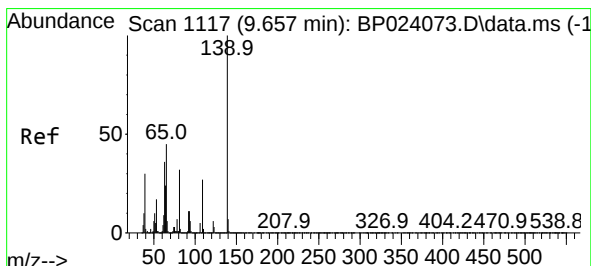
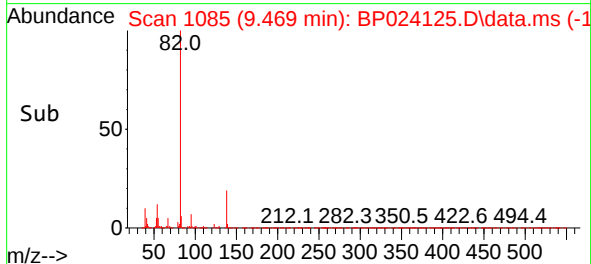
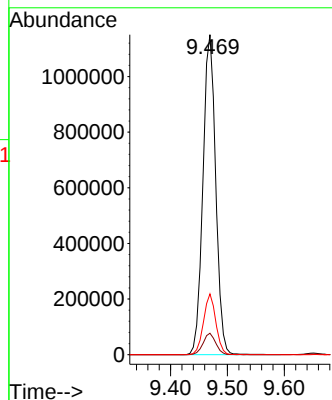
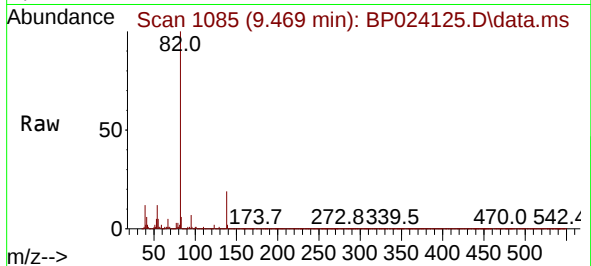
#25
Isophorone
Concen: 51.085 ng
RT: 9.469 min Scan# 1085
Delta R.T. -0.006 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

Instrument :
BNA_P
ClientSampleId :
351MSD

Tgt Ion: 82 Resp: 179300
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 19.0 15.3 22.9

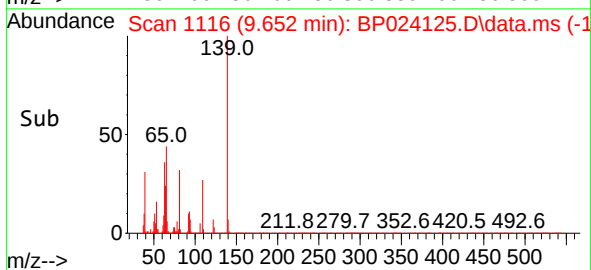
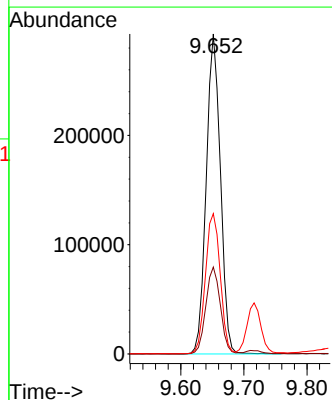
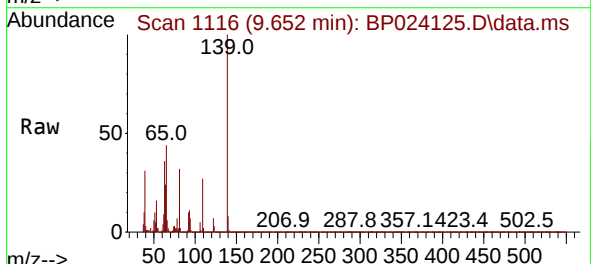
Manual Integrations
APPROVED

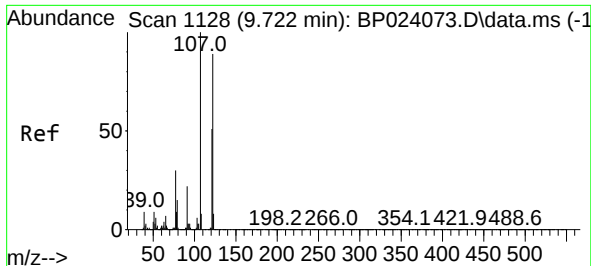
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#26
2-Nitrophenol
Concen: 46.964 ng
RT: 9.652 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

Tgt Ion:139 Resp: 457039
Ion Ratio Lower Upper
139 100
109 27.2 21.7 32.5
65 43.9 36.1 54.1





#27

2,4-Dimethylphenol

Concen: 61.370 ng

RT: 9.716 min Scan# 1127

Delta R.T. -0.006 min

Lab File: BP024125.D

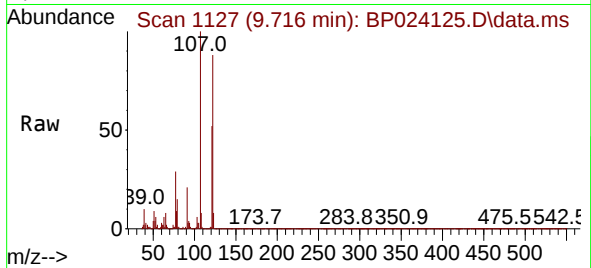
Acq: 27 Feb 2025 18:35

Instrument :

BNA_P

ClientSampleId :

351MSD



Tgt Ion:122 Resp: 783960

Ion Ratio Lower Upper

122 100

107 113.4 89.8 134.8

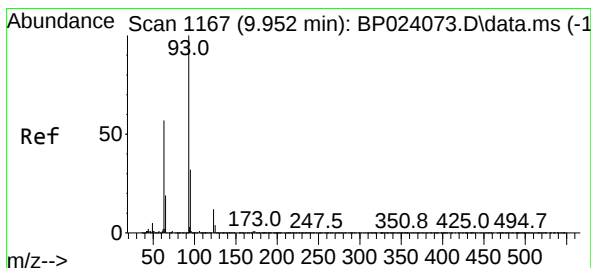
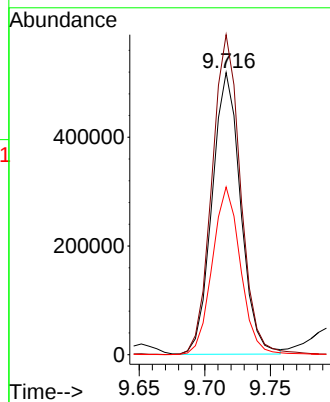
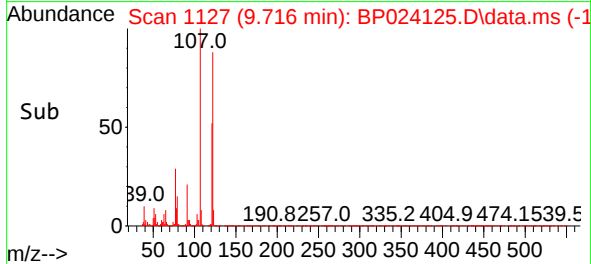
121 59.4 45.9 68.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2025

Supervised By :mohammad ahmed 02/28/2025



#28

bis(2-Chloroethoxy)methane

Concen: 44.941 ng

RT: 9.946 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BP024125.D

Acq: 27 Feb 2025 18:35

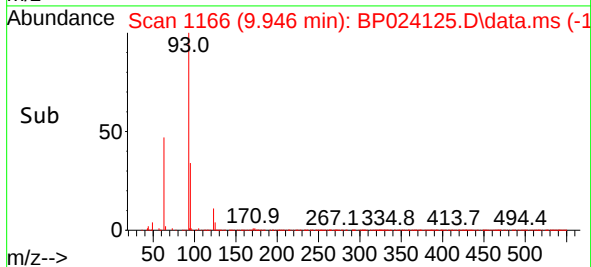
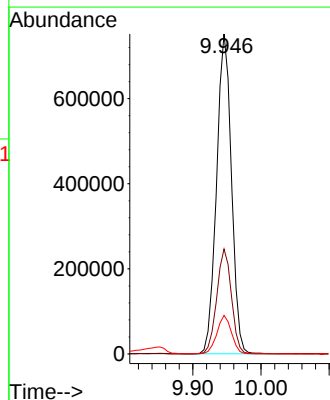
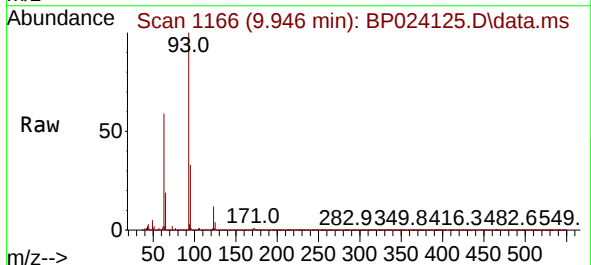
Tgt Ion: 93 Resp: 1142676

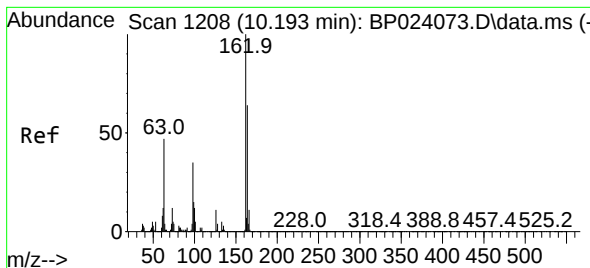
Ion Ratio Lower Upper

93 100

95 32.8 25.9 38.9

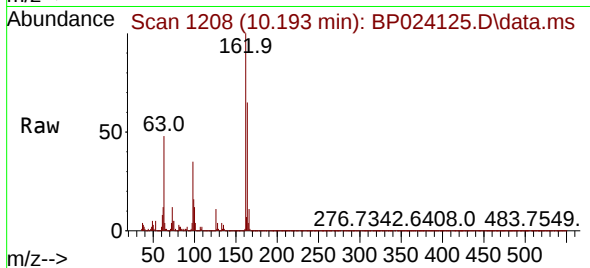
123 12.0 9.7 14.5





#29
2,4-Dichlorophenol
Concen: 48.281 ng
RT: 10.193 min Scan# 1208
Delta R.T. -0.000 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

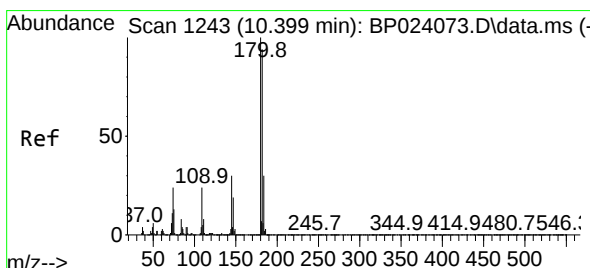
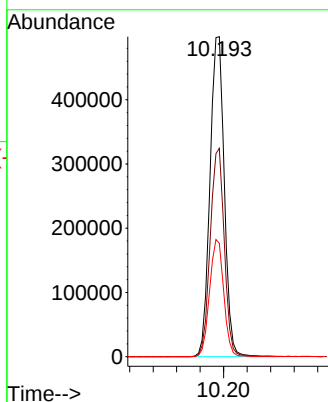
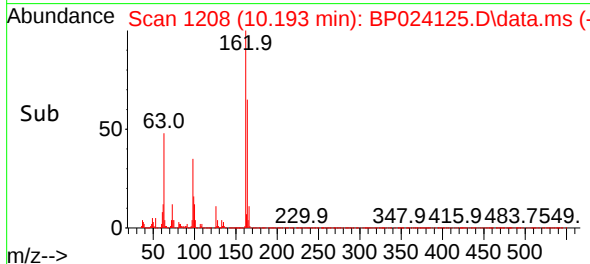
Instrument :
BNA_P
ClientSampleId :
351MSD



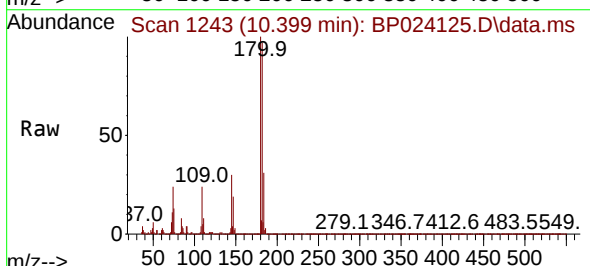
Tgt Ion:162 Resp: 841679
Ion Ratio Lower Upper
162 100
164 65.1 44.5 84.5
98 35.4 15.3 55.3

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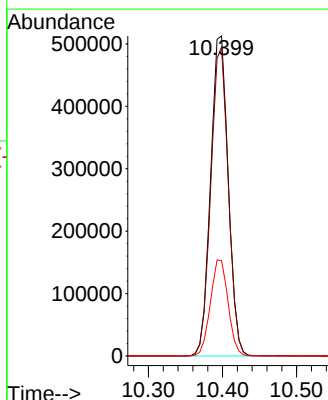
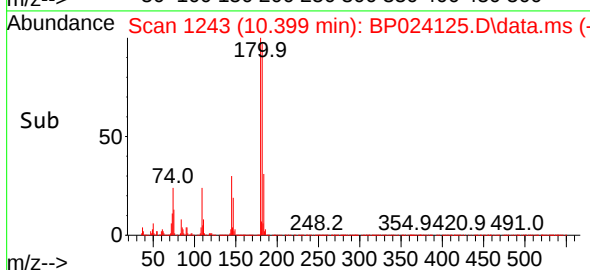
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025

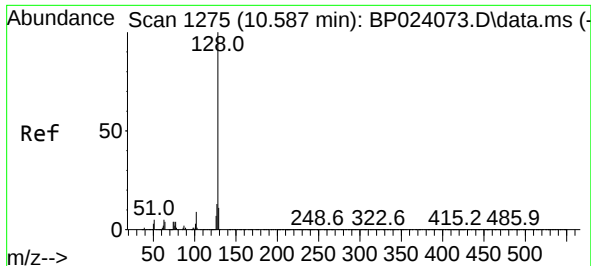


#30
1,2,4-Trichlorobenzene
Concen: 42.428 ng
RT: 10.399 min Scan# 1243
Delta R.T. -0.000 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35



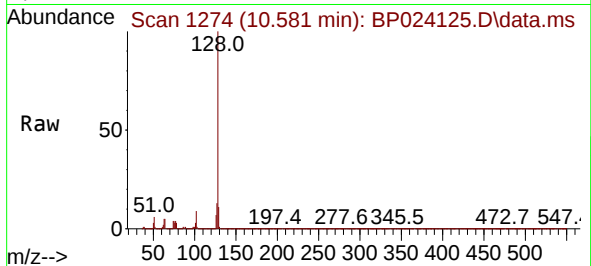
Tgt Ion:180 Resp: 847454
Ion Ratio Lower Upper
180 100
182 96.5 75.4 113.2
145 29.8 24.0 36.0





#31
Naphthalene
Concen: 42.830 ng
RT: 10.581 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

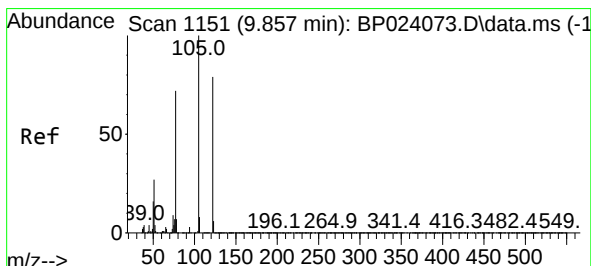
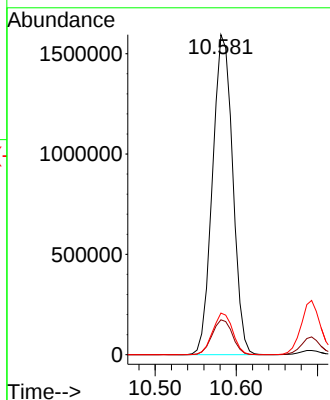
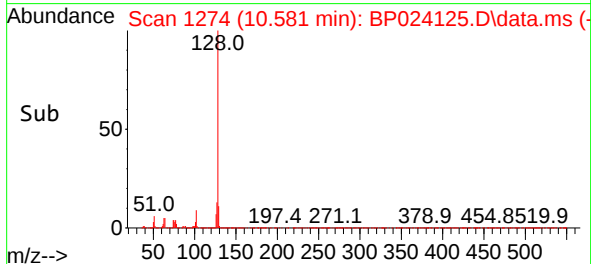
Instrument :
BNA_P
ClientSampleId :
351MSD



Tgt Ion:128 Resp: 275753
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.0 10.3 15.5

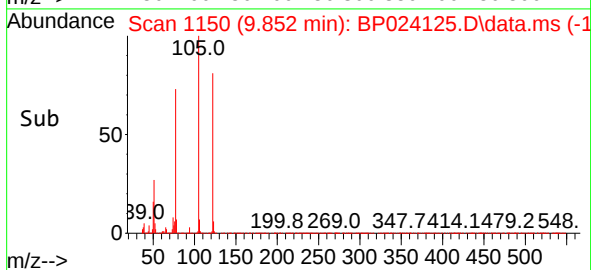
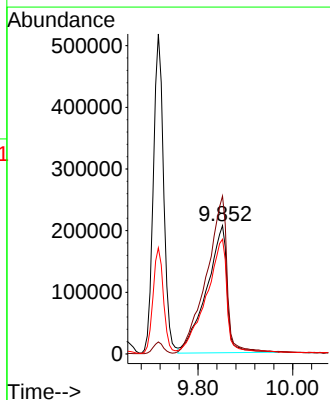
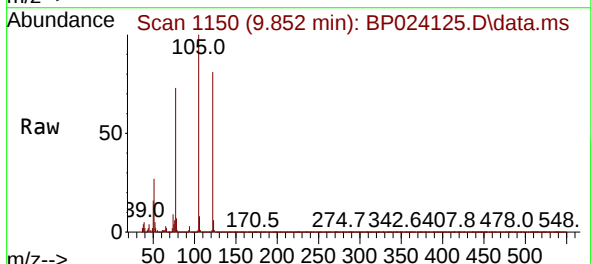
Manual Integrations
APPROVED

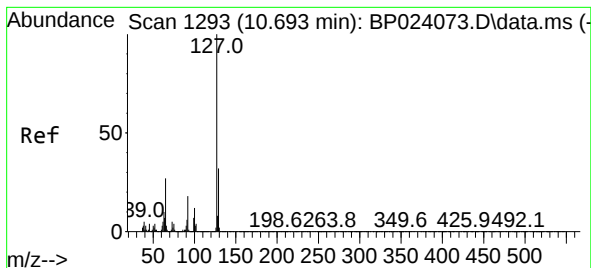
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#32
Benzoic acid
Concen: 46.820 ng
RT: 9.852 min Scan# 1150
Delta R.T. -0.005 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

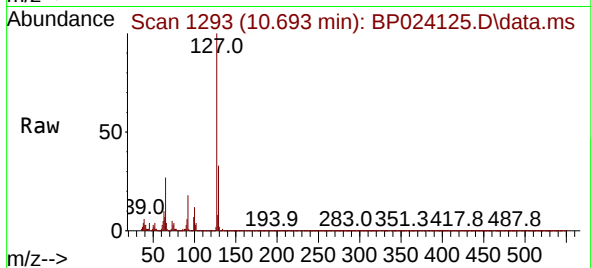
Tgt Ion:122 Resp: 624612
Ion Ratio Lower Upper
122 100
105 123.0 103.7 143.7
77 89.4 69.9 109.9





#33
4-Chloroaniline
Concen: 20.666 ng
RT: 10.693 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

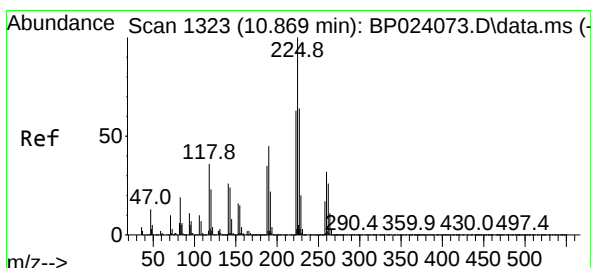
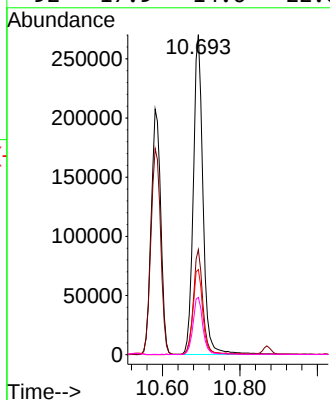
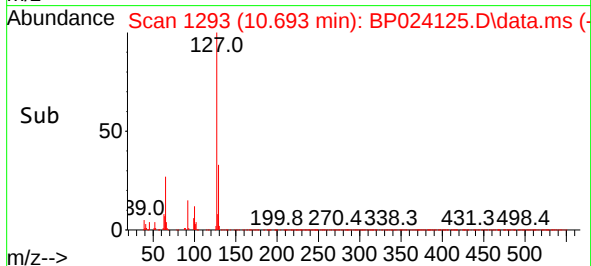
Instrument :
BNA_P
ClientSampleId :
351MSD



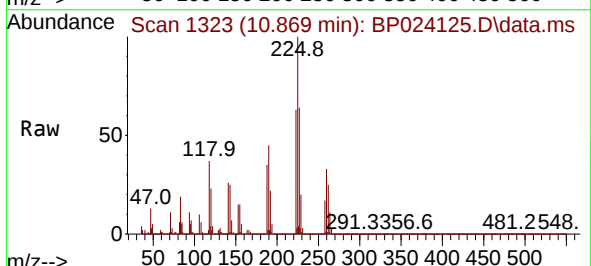
Tgt Ion:127 Resp: 46875
Ion Ratio Lower Upper
127 100
129 32.8 25.4 38.0
65 26.6 21.3 31.9
92 17.9 14.6 22.0

Manual Integrations
APPROVED

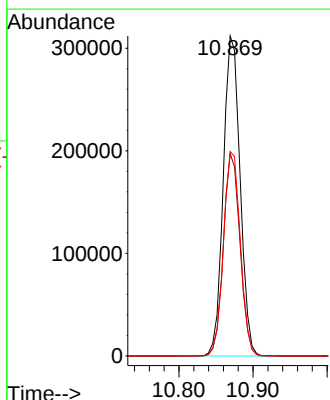
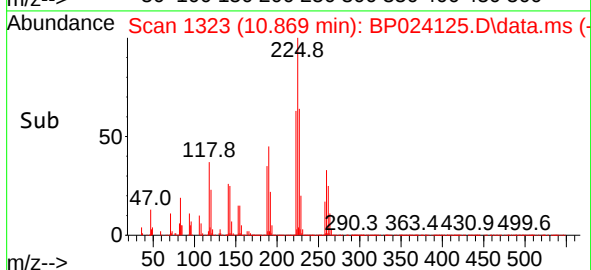
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025

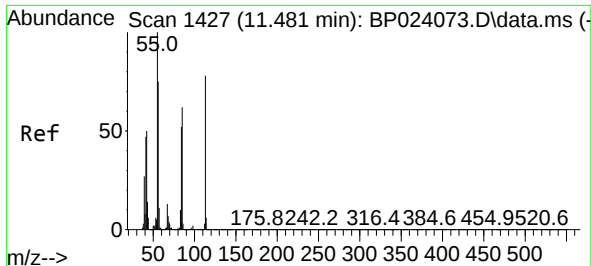


#34
Hexachlorobutadiene
Concen: 42.427 ng
RT: 10.869 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35



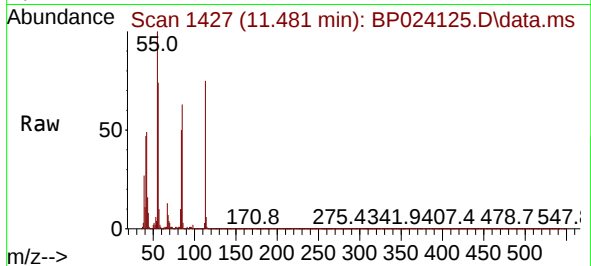
Tgt Ion:225 Resp: 490836
Ion Ratio Lower Upper
225 100
223 63.2 50.5 75.7
227 63.8 51.3 76.9





#35
Caprolactam
Concen: 54.587 ng
RT: 11.481 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

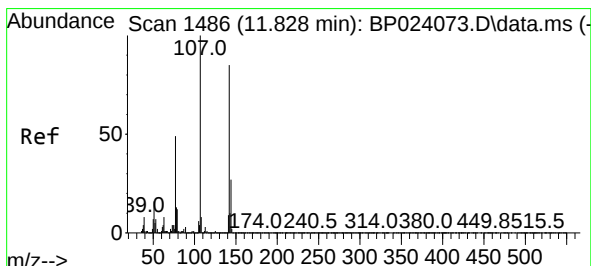
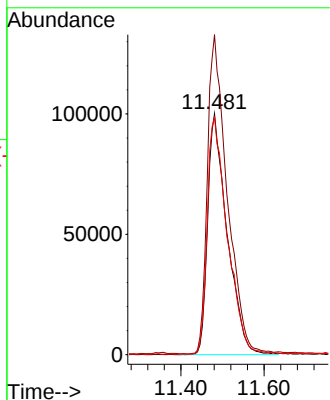
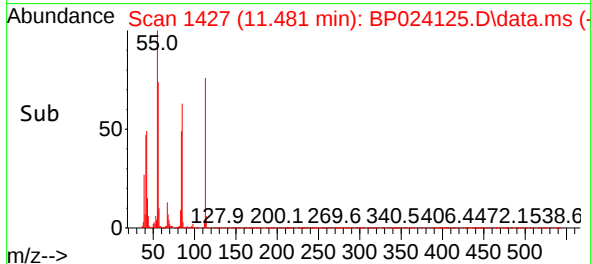
Instrument :
BNA_P
ClientSampleId :
351MSD



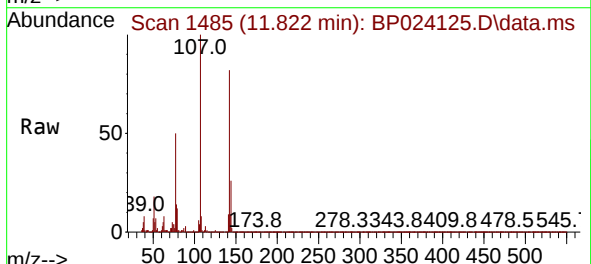
Tgt Ion:113 Resp: 32561
Ion Ratio Lower Upper
113 100
55 132.7 108.8 148.8
56 98.5 76.5 116.5

Manual Integrations
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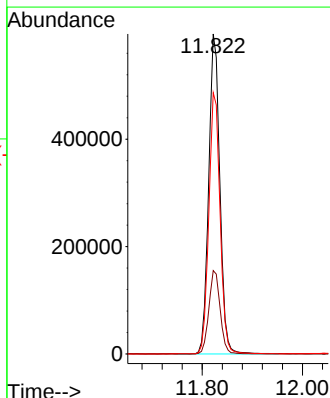
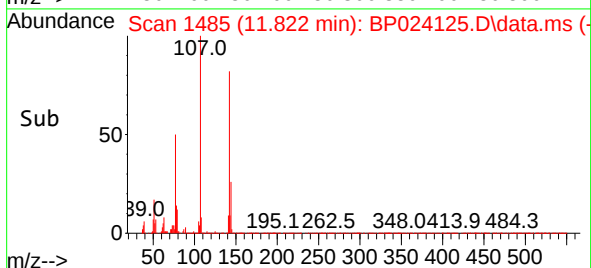
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025

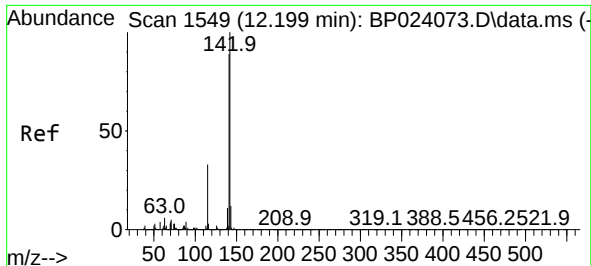


#36
4-Chloro-3-methylphenol
Concen: 51.318 ng
RT: 11.822 min Scan# 1485
Delta R.T. -0.006 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35



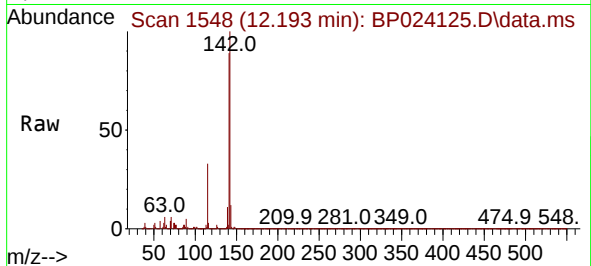
Tgt Ion:107 Resp: 919683
Ion Ratio Lower Upper
107 100
144 26.1 21.8 32.8
142 81.7 67.8 101.8





#37
2-Methylnaphthalene
Concen: 43.634 ng
RT: 12.193 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

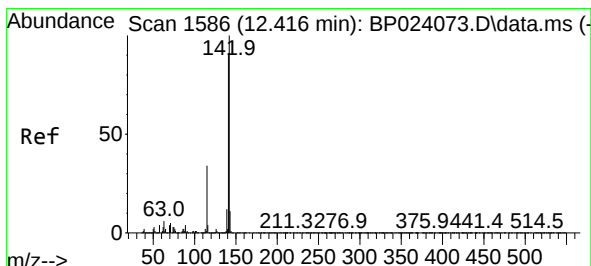
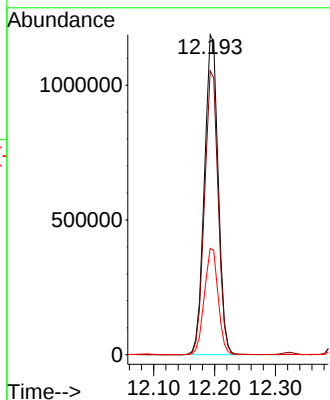
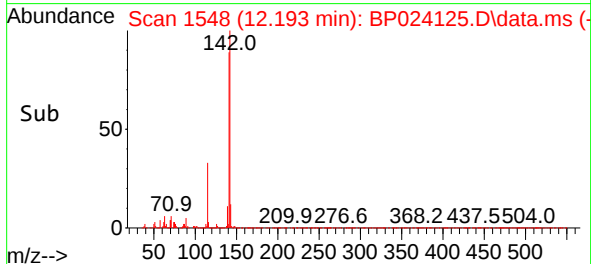
Instrument :
BNA_P
ClientSampleId :
351MSD



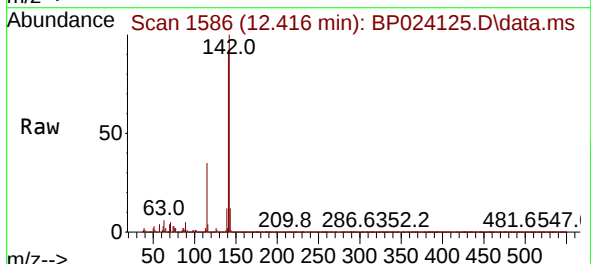
Tgt Ion:142 Resp: 1867239
Ion Ratio Lower Upper
142 100
141 88.7 71.2 106.8
115 33.2 26.5 39.7

Manual Integrations
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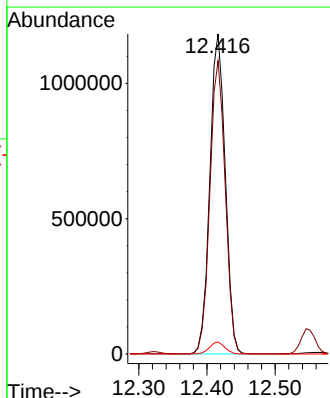
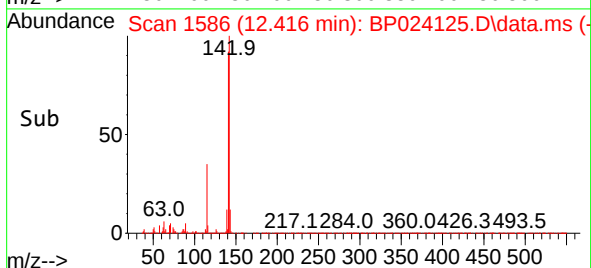
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025

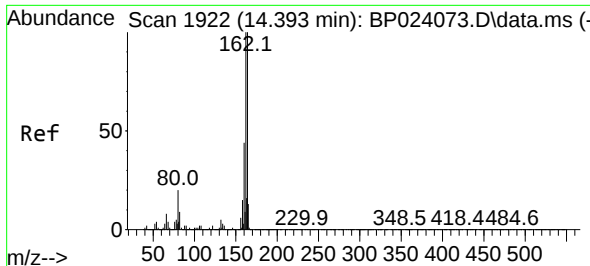


#38
1-Methylnaphthalene
Concen: 44.578 ng
RT: 12.416 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35



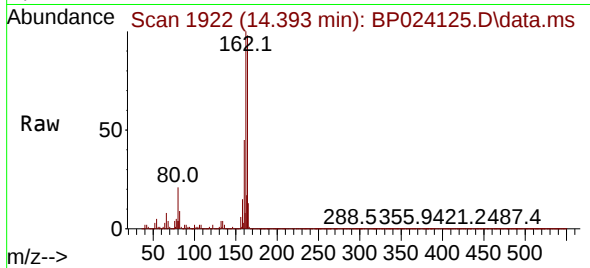
Tgt Ion:142 Resp: 1855767
Ion Ratio Lower Upper
142 100
141 91.6 73.0 109.6
116 3.8 2.8 4.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.393 min Scan# 1922
Delta R.T. -0.000 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

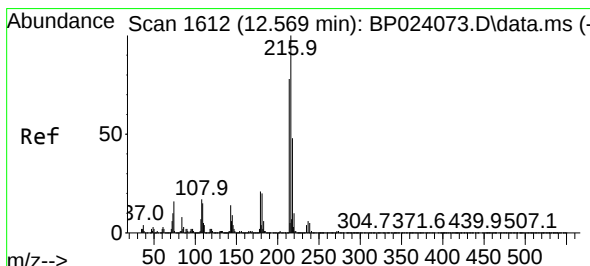
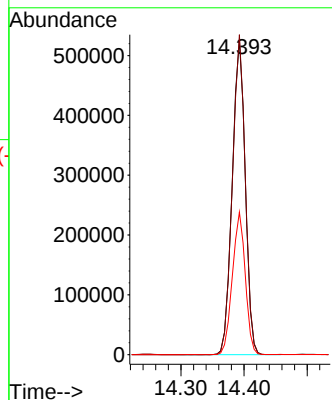
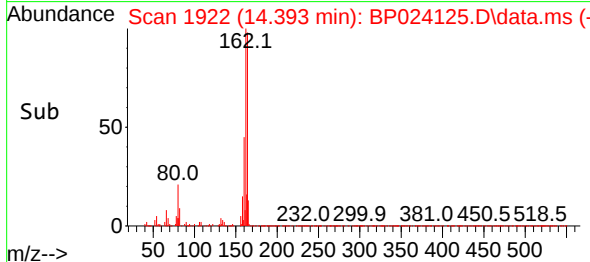
Instrument :
BNA_P
ClientSampleId :
351MSD



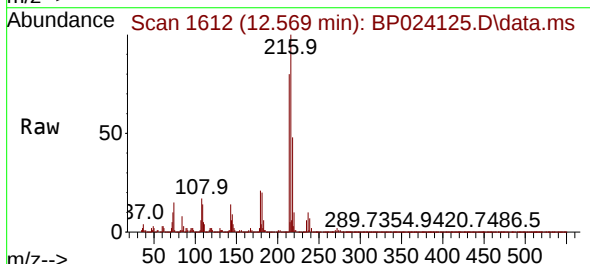
Tgt Ion:164 Resp: 753085
Ion Ratio Lower Upper
164 100
162 101.7 80.1 120.1
160 45.3 35.6 53.4

Manual Integrations
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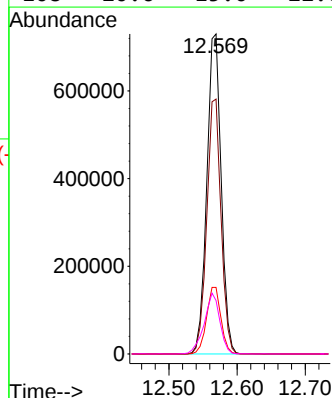
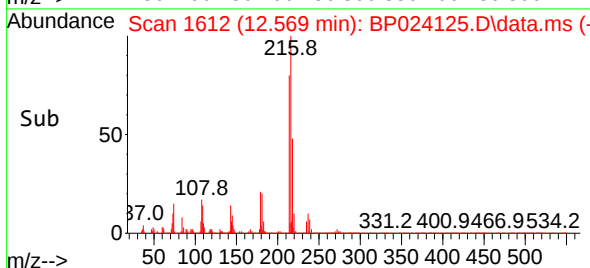
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025

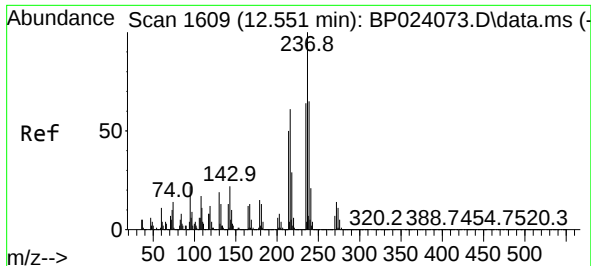


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.108 ng
RT: 12.569 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35



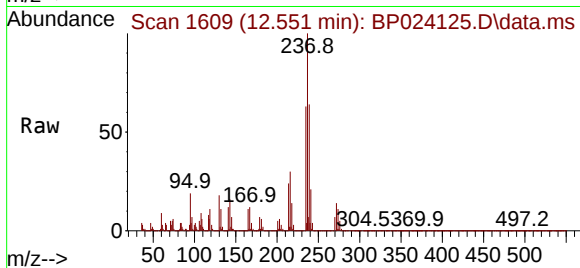
Tgt Ion:216 Resp: 1066901
Ion Ratio Lower Upper
216 100
214 79.1 62.7 94.1
179 20.9 16.6 25.0
108 20.6 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 124.900 ng
RT: 12.551 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

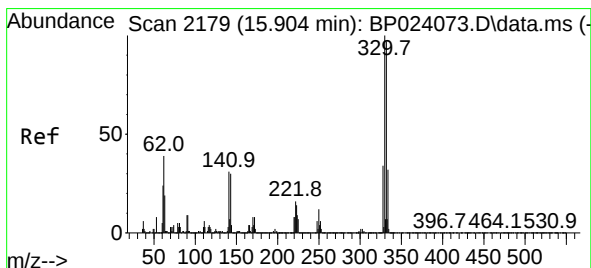
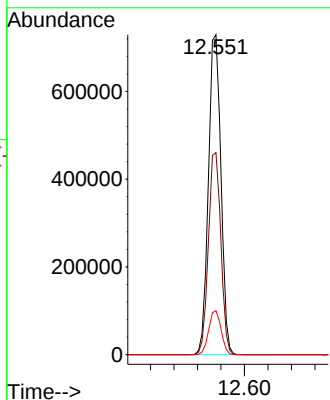
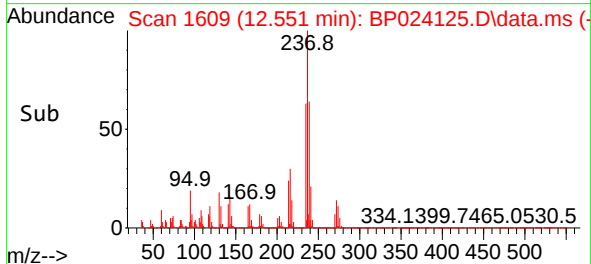
Instrument :
BNA_P
ClientSampleId :
351MSD



Tgt Ion:237 Resp: 1075419
Ion Ratio Lower Upper
237 100
235 63.1 43.5 83.5
272 13.7 0.0 33.7

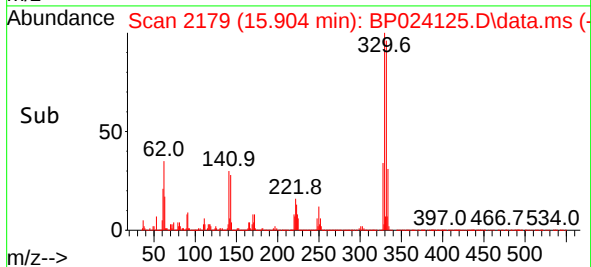
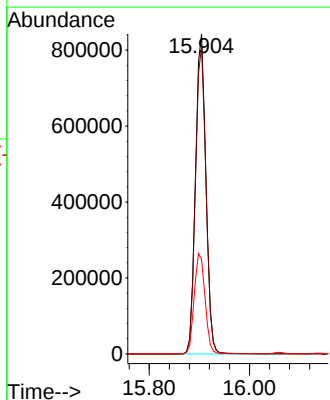
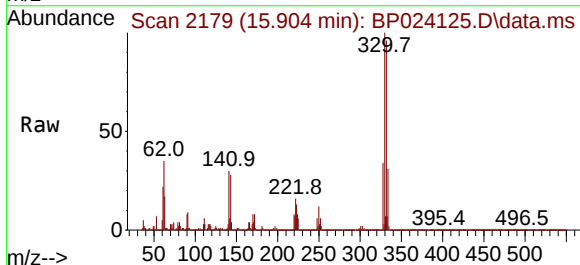
Manual Integrations
APPROVED

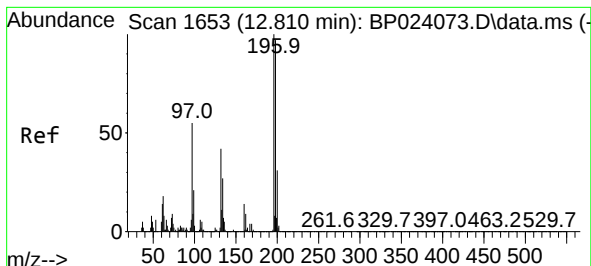
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#42
2,4,6-Tribromophenol
Concen: 131.776 ng
RT: 15.904 min Scan# 2179
Delta R.T. -0.000 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

Tgt Ion:330 Resp: 1215565
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.4
141 32.5 28.3 42.5





#43

2,4,6-Trichlorophenol

Concen: 46.774 ng

RT: 12.810 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP024125.D

Acq: 27 Feb 2025 18:35

Instrument :

BNA_P

ClientSampleId :

351MSD

Tgt Ion:196 Resp: 66004

Ion Ratio Lower Upper

196 100

198 94.7 77.8 116.6

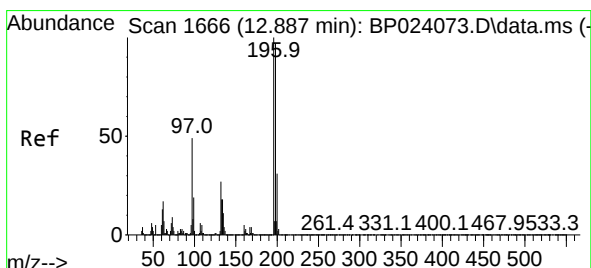
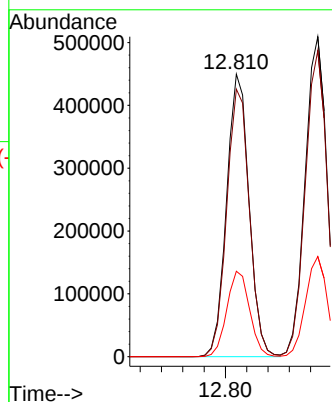
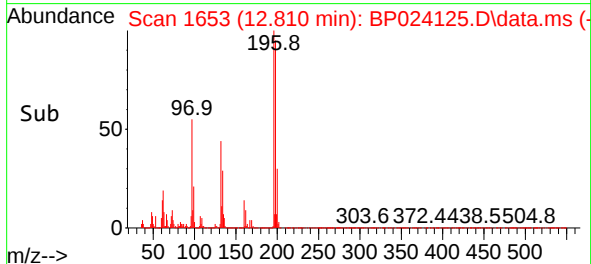
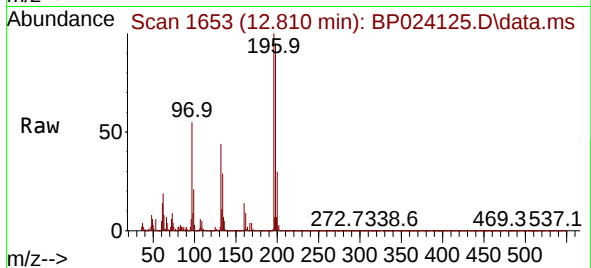
200 30.3 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2025

Supervised By :mohammad ahmed 02/28/2025



#44

2,4,5-Trichlorophenol

Concen: 47.613 ng

RT: 12.887 min Scan# 1666

Delta R.T. -0.000 min

Lab File: BP024125.D

Acq: 27 Feb 2025 18:35

Tgt Ion:196 Resp: 734795

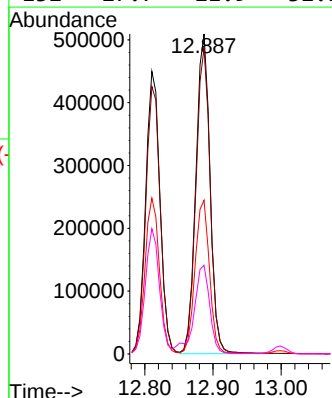
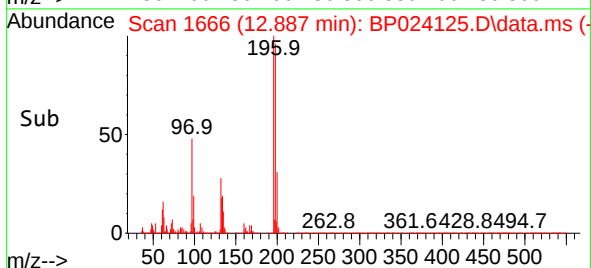
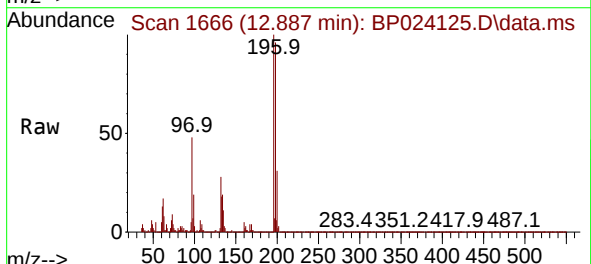
Ion Ratio Lower Upper

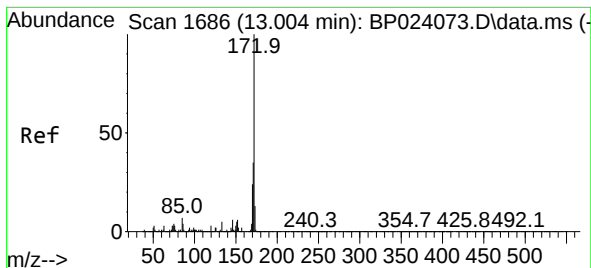
196 100

198 95.6 77.4 116.2

97 48.1 39.0 58.4

132 27.7 21.9 32.9





#45

2-Fluorobiphenyl

Concen: 72.662 ng

RT: 12.998 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024125.D

Acq: 27 Feb 2025 18:35

Instrument :

BNA_P

ClientSampleId :

351MSD

Tgt Ion:172 Resp: 391421

Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.2

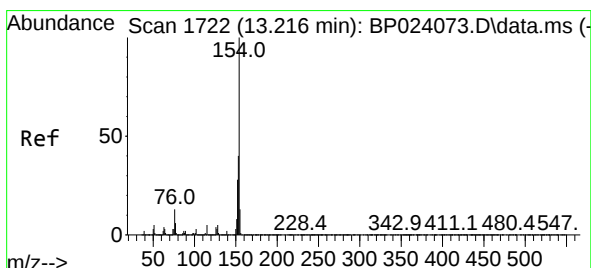
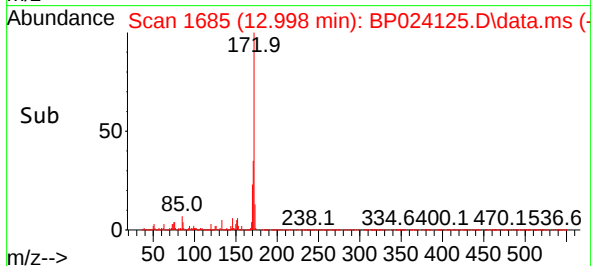
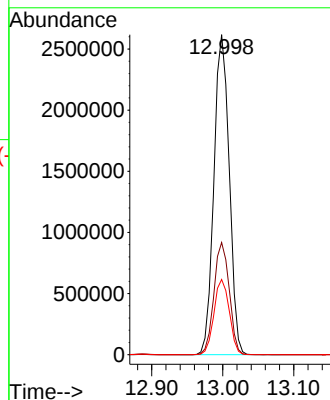
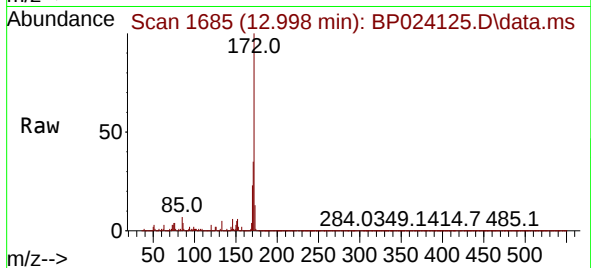
170 23.5 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2025

Supervised By :mohammad ahmed 02/28/2025



#46

1,1'-Biphenyl

Concen: 47.367 ng

RT: 13.210 min Scan# 1721

Delta R.T. -0.006 min

Lab File: BP024125.D

Acq: 27 Feb 2025 18:35

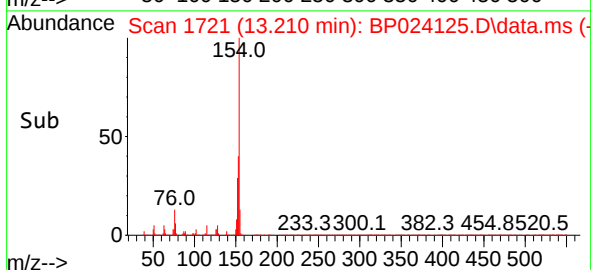
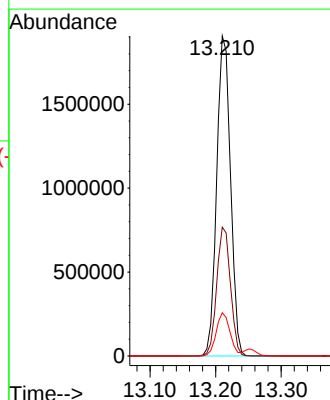
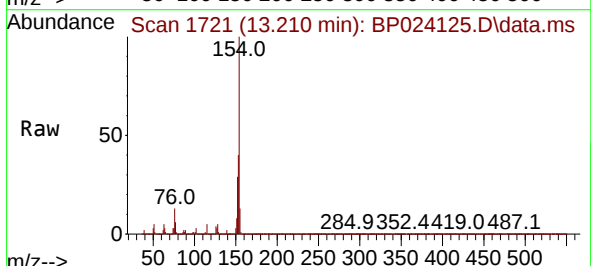
Tgt Ion:154 Resp: 2771880

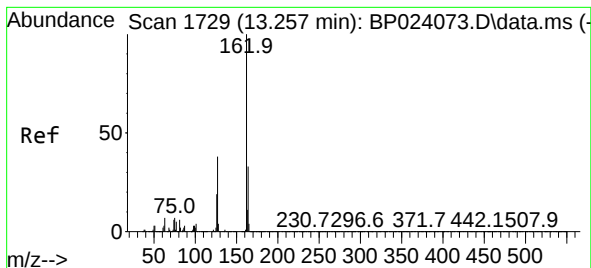
Ion Ratio Lower Upper

154 100

153 40.3 20.0 60.0

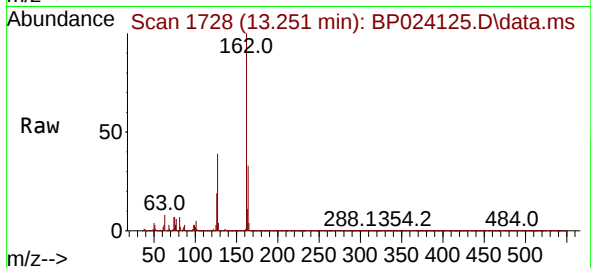
76 13.5 0.0 32.6





#47
2-Chloronaphthalene
Concen: 42.946 ng
RT: 13.251 min Scan# 1728
Delta R.T. -0.006 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

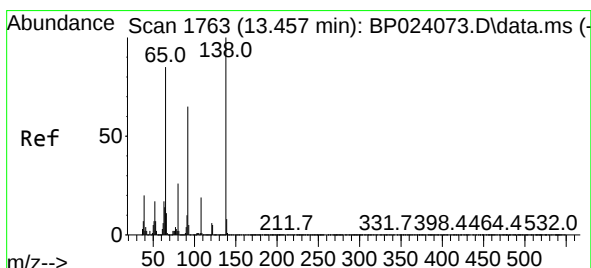
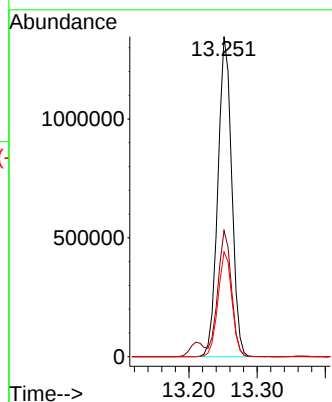
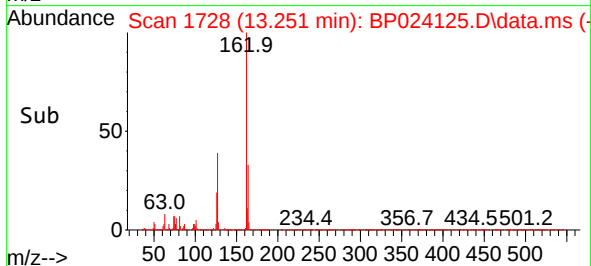
Instrument :
BNA_P
ClientSampleId :
351MSD



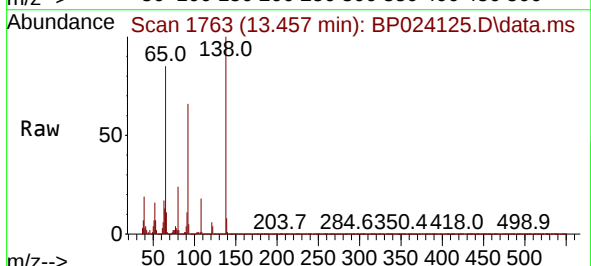
Tgt Ion:162 Resp: 189984
Ion Ratio Lower Upper
162 100
127 39.4 30.7 46.1
164 32.7 26.6 39.8

Manual Integrations
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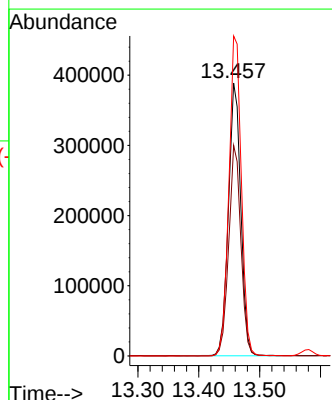
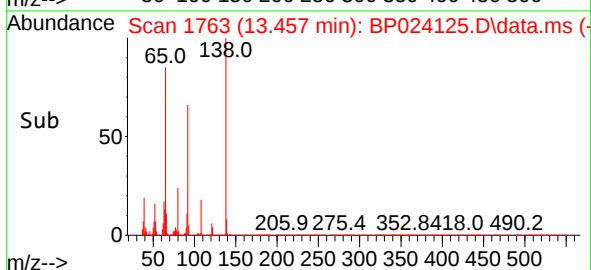
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025

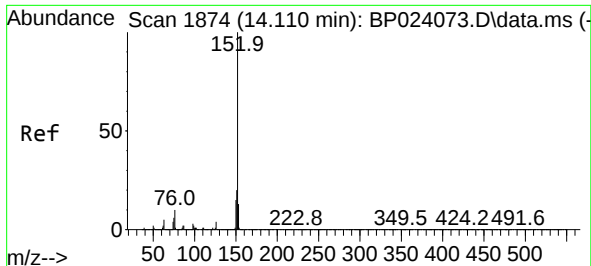


#48
2-Nitroaniline
Concen: 52.544 ng
RT: 13.457 min Scan# 1763
Delta R.T. -0.000 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35



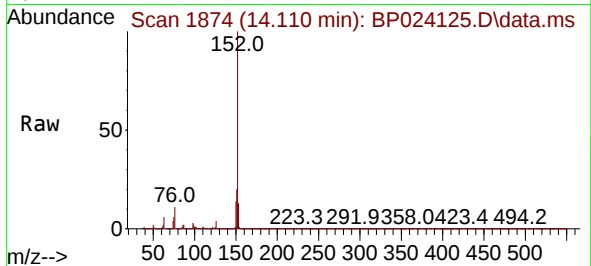
Tgt Ion: 65 Resp: 549079
Ion Ratio Lower Upper
65 100
92 77.1 61.7 92.5
138 117.2 94.6 142.0





#49
Acenaphthylene
Concen: 48.569 ng
RT: 14.110 min Scan# 1874
Delta R.T. -0.000 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

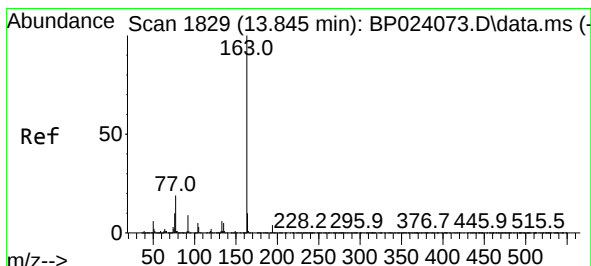
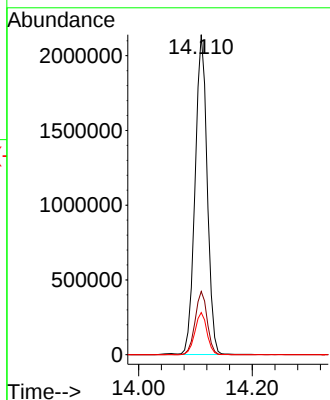
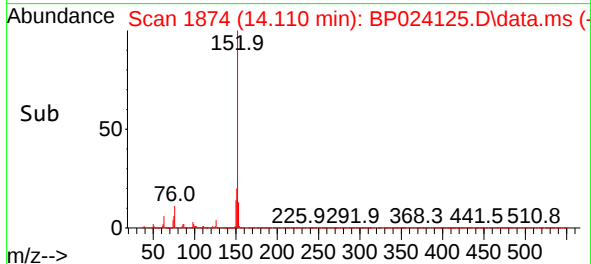
Instrument :
BNA_P
ClientSampleId :
351MSD



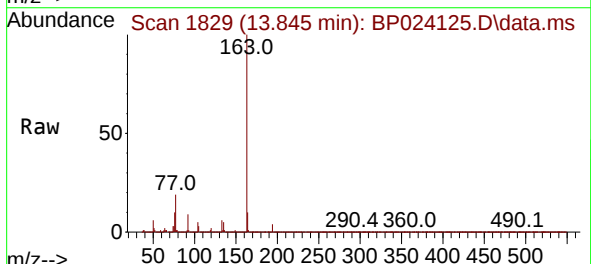
Tgt Ion:152 Resp: 316556
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 13.1 10.7 16.1

Manual Integrations
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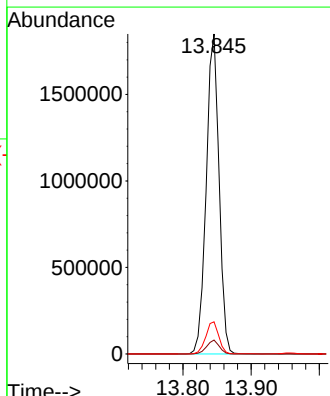
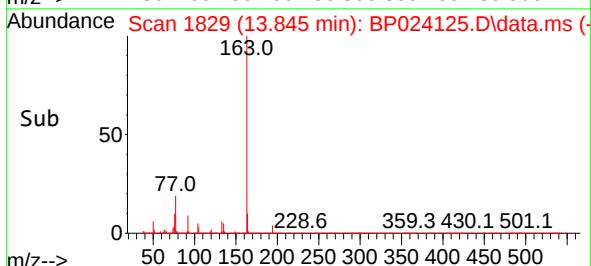
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025

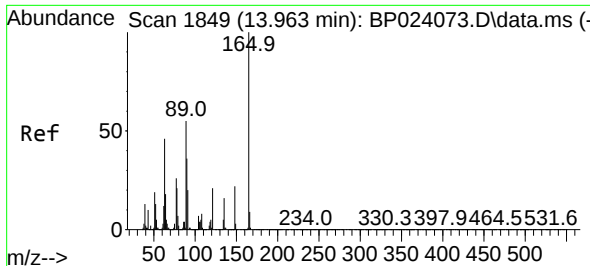


#50
Dimethylphthalate
Concen: 45.399 ng
RT: 13.845 min Scan# 1829
Delta R.T. -0.000 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35



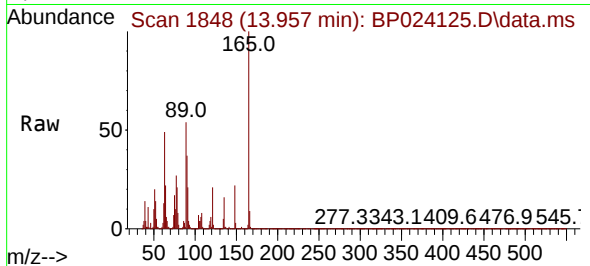
Tgt Ion:163 Resp: 2411639
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.1 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 47.475 ng
RT: 13.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

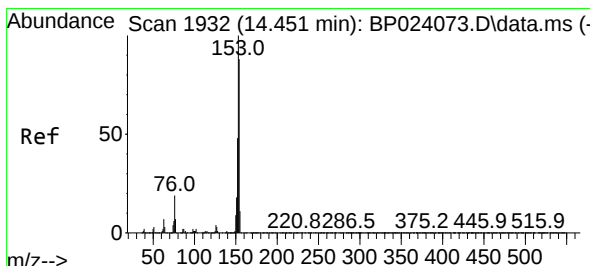
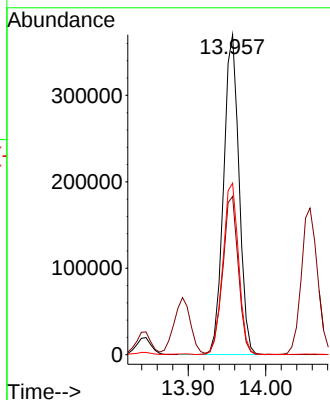
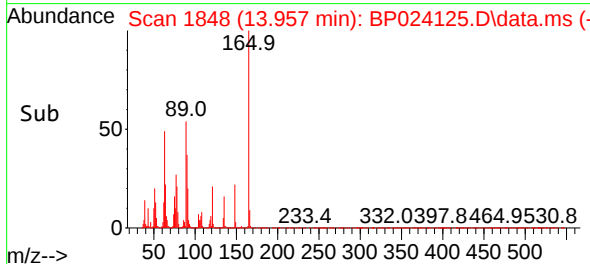
Instrument :
BNA_P
ClientSampleId :
351MSD



Tgt Ion:165 Resp: 513730
Ion Ratio Lower Upper
165 100
63 49.5 40.1 60.1
89 53.6 44.2 66.4

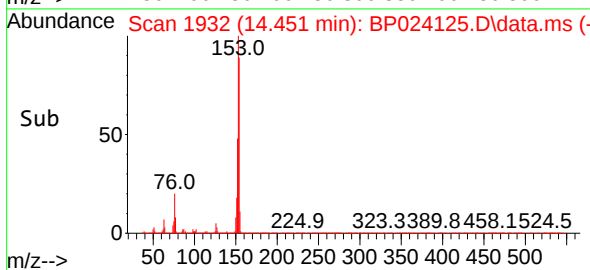
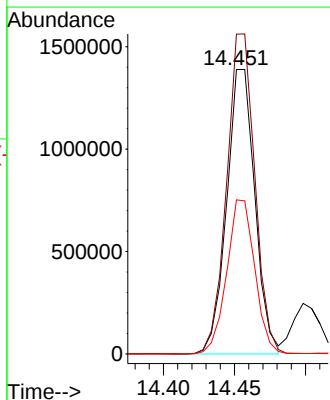
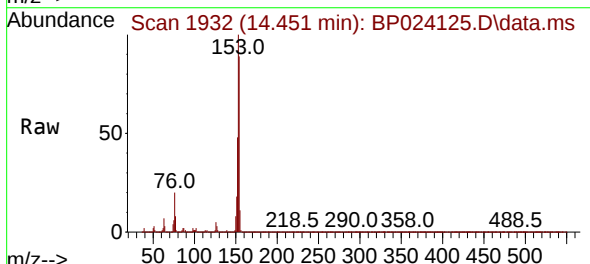
Manual Integrations
APPROVED

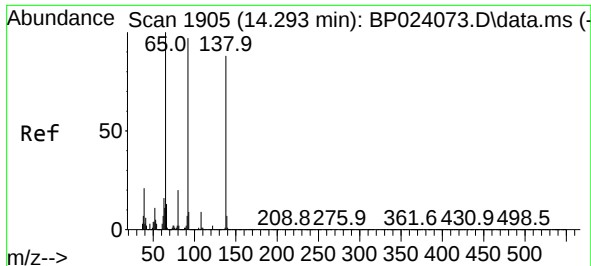
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#52
Acenaphthene
Concen: 45.724 ng
RT: 14.451 min Scan# 1932
Delta R.T. -0.000 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

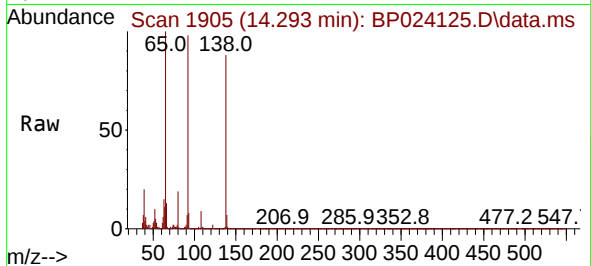
Tgt Ion:154 Resp: 1919080
Ion Ratio Lower Upper
154 100
153 112.4 90.6 135.8
152 54.2 43.6 65.4





#53
3-Nitroaniline
Concen: 34.243 ng
RT: 14.293 min Scan# 1905
Delta R.T. -0.000 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

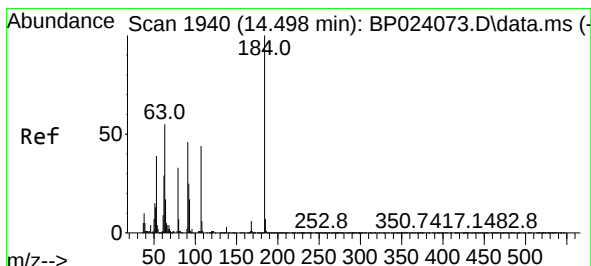
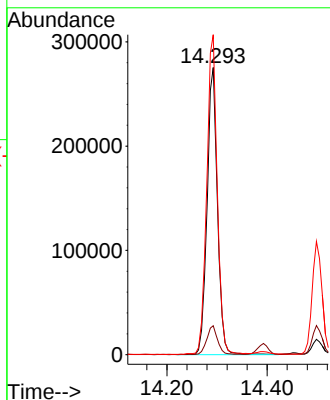
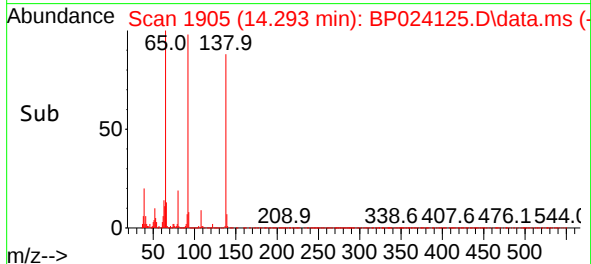
Instrument :
BNA_P
ClientSampleId :
351MSD



Tgt Ion:138 Resp: 395409
Ion Ratio Lower Upper
138 100
108 10.1 7.8 11.8
92 111.4 88.4 132.6

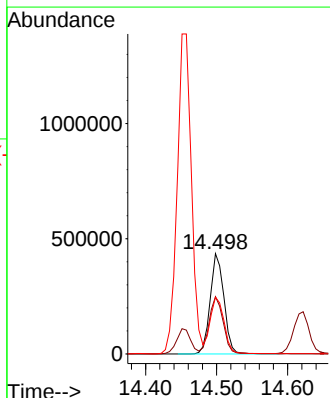
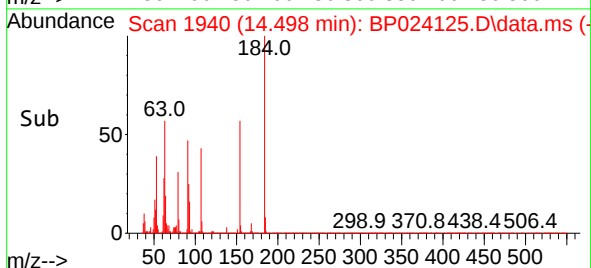
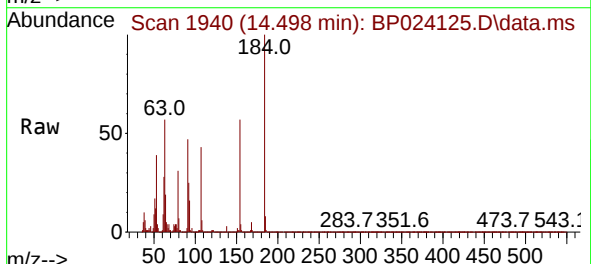
Manual Integrations
APPROVED

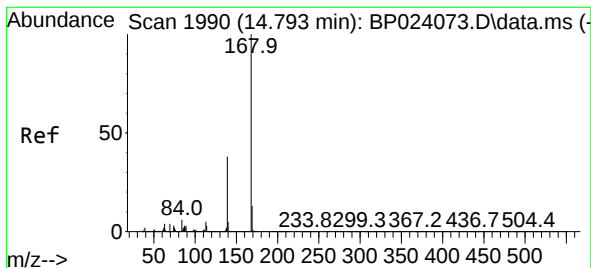
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#54
2,4-Dinitrophenol
Concen: 81.976 ng
RT: 14.498 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

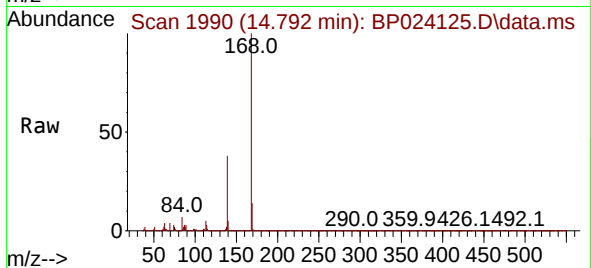
Tgt Ion:184 Resp: 586353
Ion Ratio Lower Upper
184 100
63 57.2 49.4 74.0
154 56.6 49.2 73.8





#55
Dibenzenofuran
Concen: 43.025 ng
RT: 14.792 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

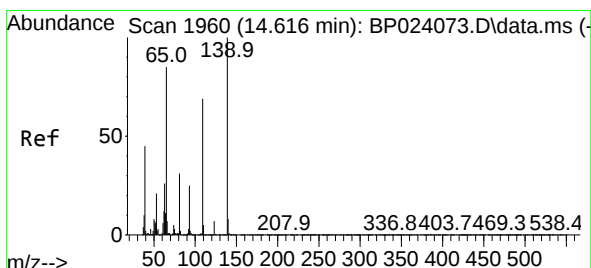
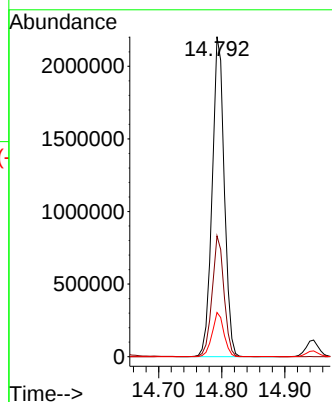
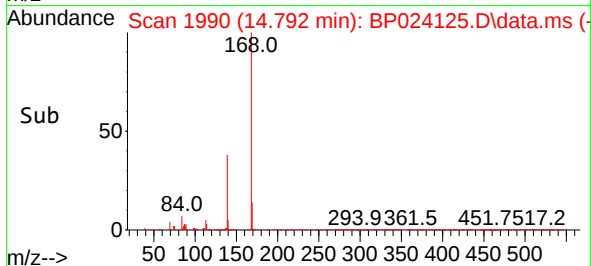
Instrument :
BNA_P
ClientSampleId :
351MSD



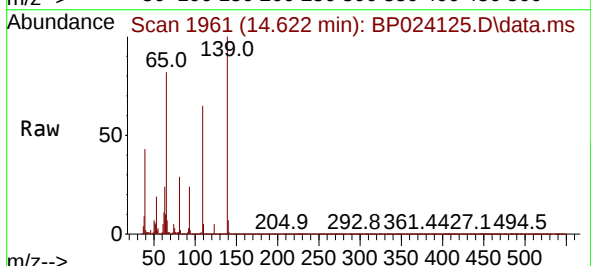
Tgt Ion:168 Resp: 2933564
Ion Ratio Lower Upper
168 100
139 37.8 30.2 45.2
169 13.8 10.7 16.1

Manual Integrations
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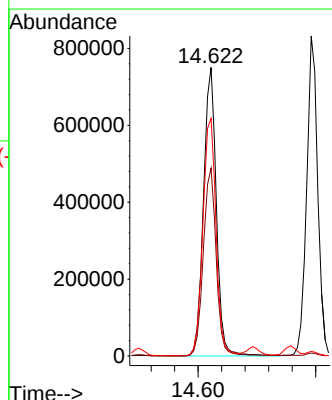
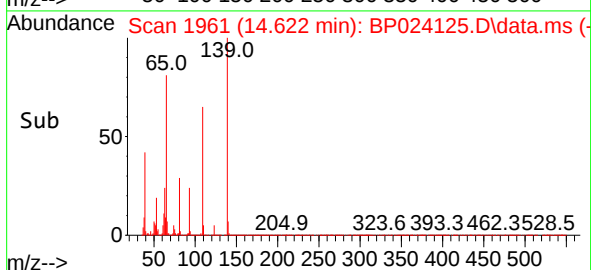
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025

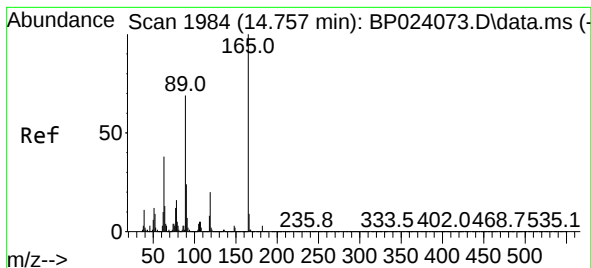


#56
4-Nitrophenol
Concen: 114.362 ng
RT: 14.622 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35



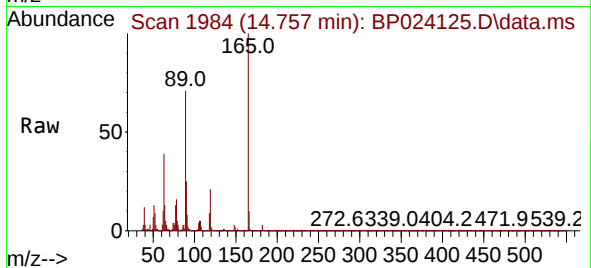
Tgt Ion:139 Resp: 1140691
Ion Ratio Lower Upper
139 100
109 65.1 49.2 89.2
65 82.4 65.4 105.4





#57
2,4-Dinitrotoluene
Concen: 53.115 ng
RT: 14.757 min Scan# 1984
Delta R.T. -0.000 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

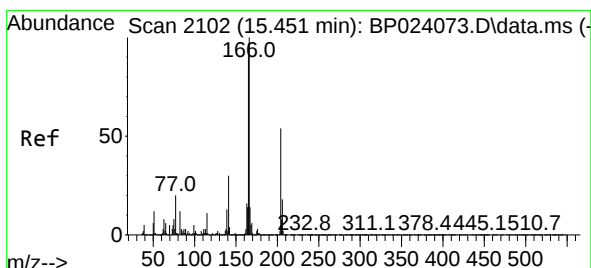
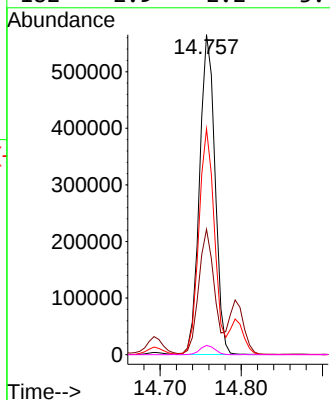
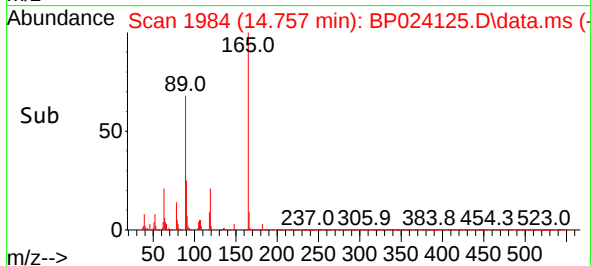
Instrument :
BNA_P
ClientSampleId :
351MSD



Tgt Ion:165 Resp: 746639
Ion Ratio Lower Upper
165 100
63 39.2 30.4 45.6
89 70.6 54.8 82.2
182 2.9 2.2 3.4

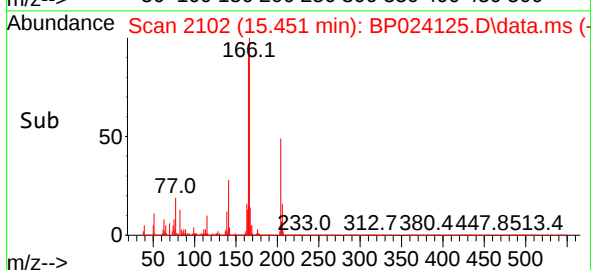
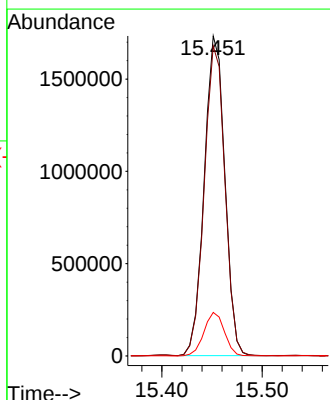
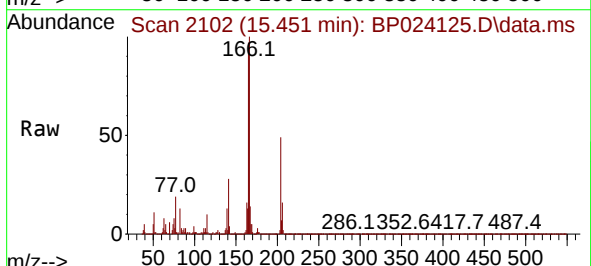
Manual Integrations
APPROVED

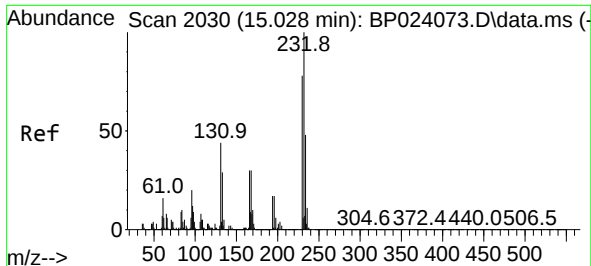
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#58
Fluorene
Concen: 46.518 ng
RT: 15.451 min Scan# 2102
Delta R.T. -0.000 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

Tgt Ion:166 Resp: 2477038
Ion Ratio Lower Upper
166 100
165 96.8 77.5 116.3
167 13.6 10.9 16.3





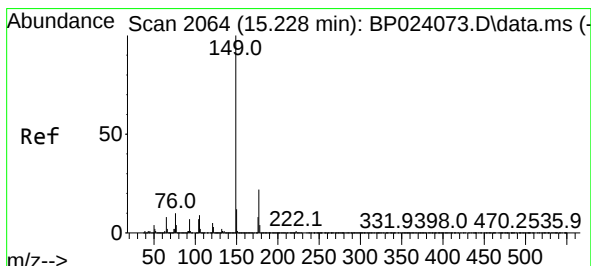
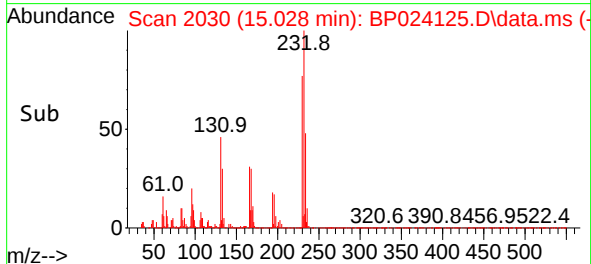
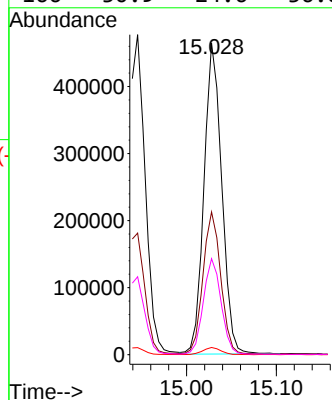
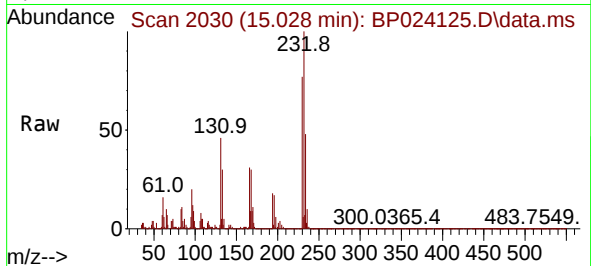
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.660 ng
RT: 15.028 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

Instrument :
BNA_P
ClientSampleId :
351MSD

Tgt Ion:232 Resp: 638150
Ion Ratio Lower Upper
232 100
131 45.8 37.3 55.9
130 2.3 1.9 2.9
166 30.9 24.6 36.8

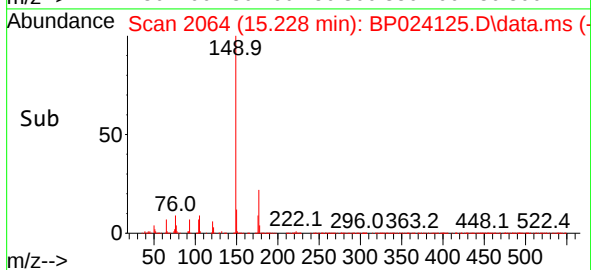
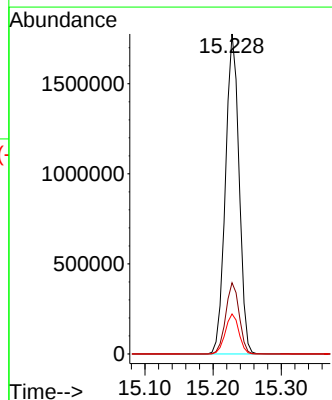
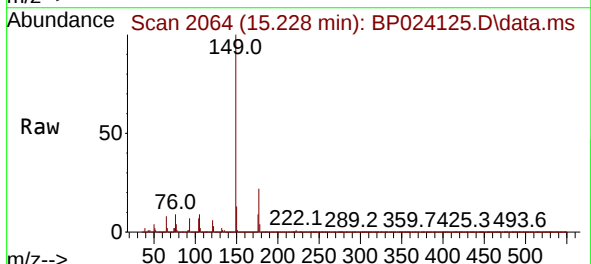
Manual Integrations
APPROVED

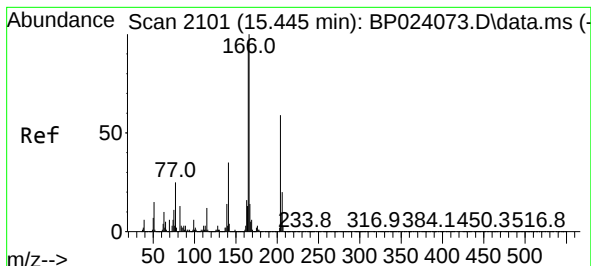
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#60
Diethylphthalate
Concen: 46.766 ng
RT: 15.228 min Scan# 2064
Delta R.T. -0.000 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

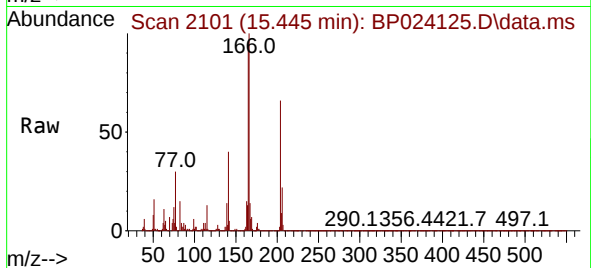
Tgt Ion:149 Resp: 2466092
Ion Ratio Lower Upper
149 100
177 22.3 17.9 26.9
150 12.5 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 44.695 ng
RT: 15.445 min Scan# 2101
Delta R.T. -0.000 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

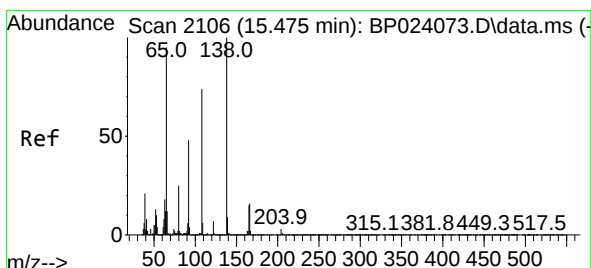
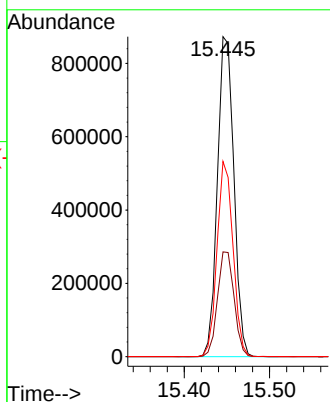
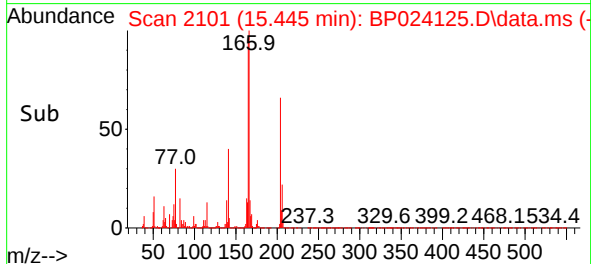
Instrument :
BNA_P
ClientSampleId :
351MSD



Tgt Ion:204 Resp: 117144
Ion Ratio Lower Upper
204 100
206 32.7 26.6 39.8
141 61.0 47.8 71.6

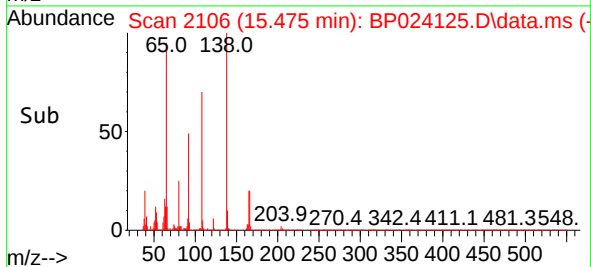
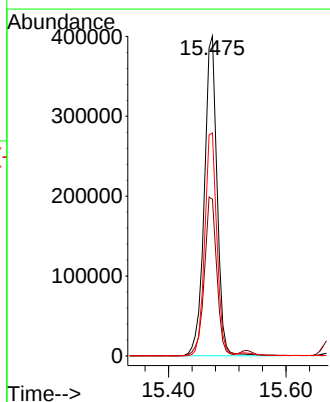
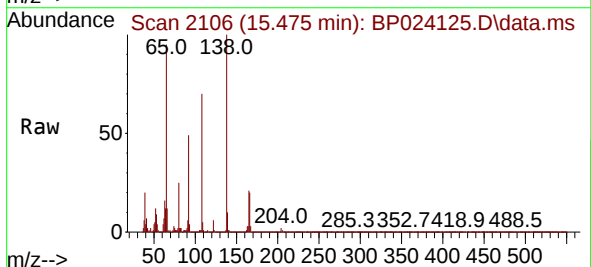
Manual Integrations
APPROVED

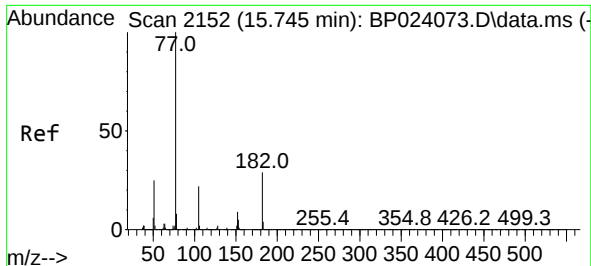
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#62
4-Nitroaniline
Concen: 44.477 ng
RT: 15.475 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

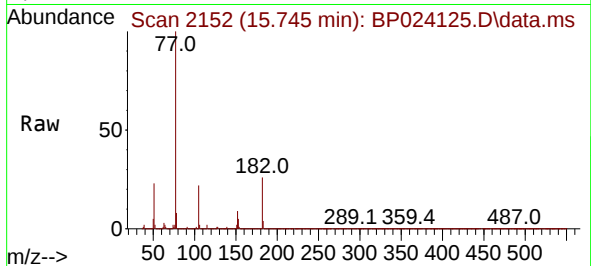
Tgt Ion:138 Resp: 604482
Ion Ratio Lower Upper
138 100
92 49.0 28.3 68.3
108 69.7 54.0 94.0





#63
Azobenzene
Concen: 50.749 ng
RT: 15.745 min Scan# 2152
Delta R.T. -0.000 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

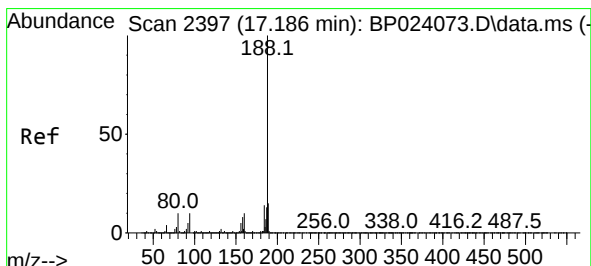
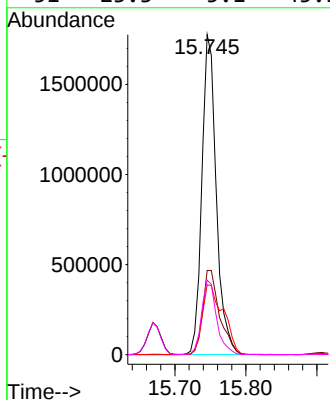
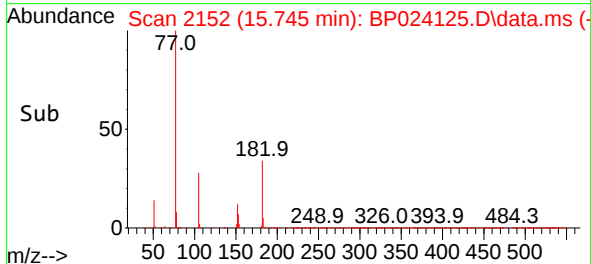
Instrument :
BNA_P
ClientSampleId :
351MSD



Tgt Ion: 77 Resp: 250773
Ion Ratio Lower Upper
77 100
182 26.3 8.5 48.5
105 21.8 1.8 41.8
51 23.3 5.1 45.1

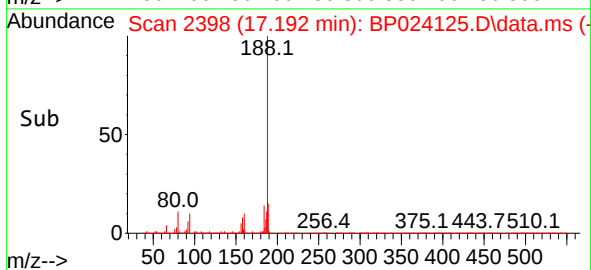
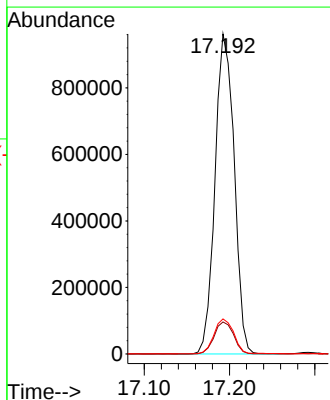
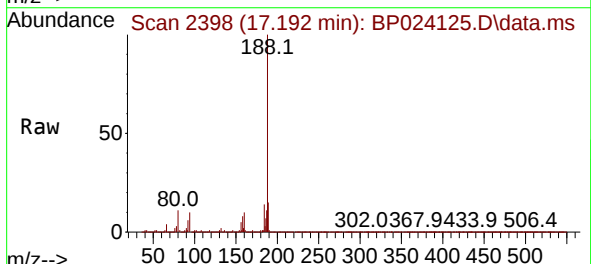
Manual Integrations
APPROVED

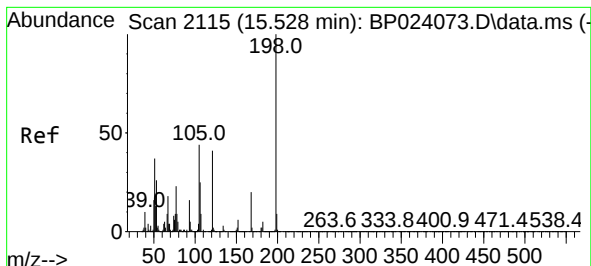
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2398
Delta R.T. 0.006 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

Tgt Ion:188 Resp: 1503402
Ion Ratio Lower Upper
188 100
94 10.0 7.6 11.4
80 10.9 8.2 12.2





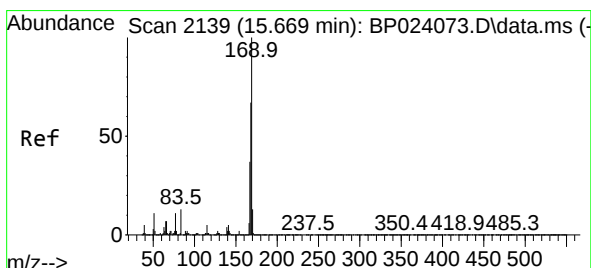
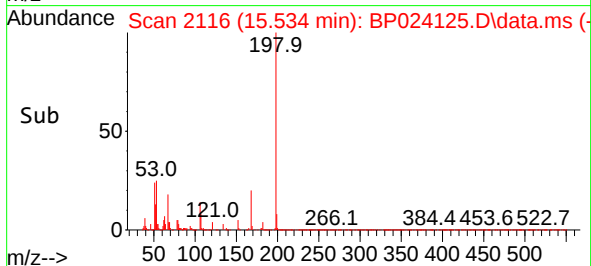
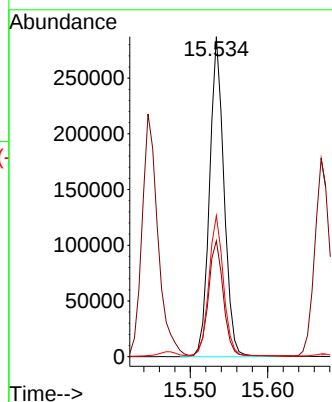
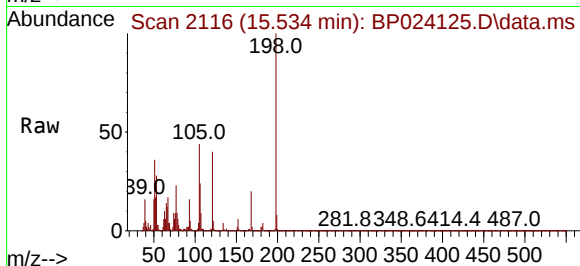
#65
4,6-Dinitro-2-methylphenol
Concen: 39.593 ng
RT: 15.534 min Scan# 2116
Delta R.T. 0.006 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

Instrument :
BNA_P
ClientSampleId :
351MSD

Tgt Ion:198 Resp: 37074
Ion Ratio Lower Upper
198 100
51 36.2 18.7 58.7
105 44.1 24.7 64.7

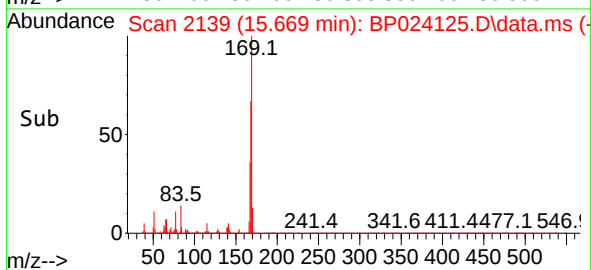
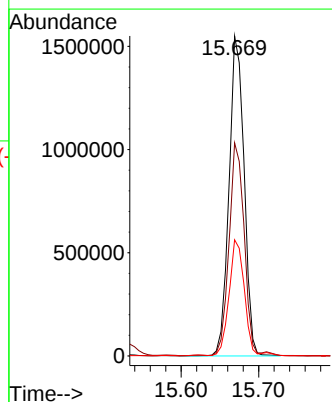
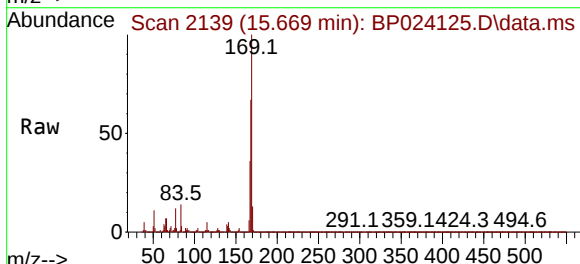
Manual Integrations
APPROVED

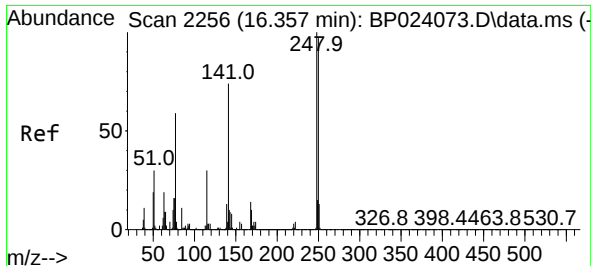
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#66
n-Nitrosodiphenylamine
Concen: 44.751 ng
RT: 15.669 min Scan# 2139
Delta R.T. -0.000 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

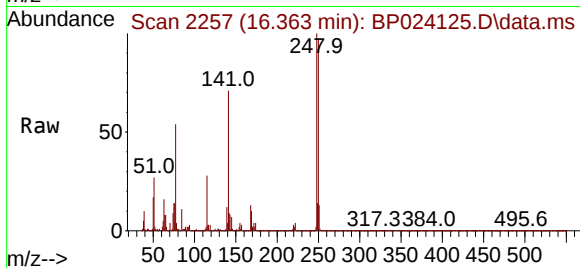
Tgt Ion:169 Resp: 2098083
Ion Ratio Lower Upper
169 100
168 66.6 53.6 80.4
167 36.3 29.5 44.3





#67
4-Bromophenyl-phenylether
Concen: 43.483 ng
RT: 16.363 min Scan# 211
Delta R.T. 0.006 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

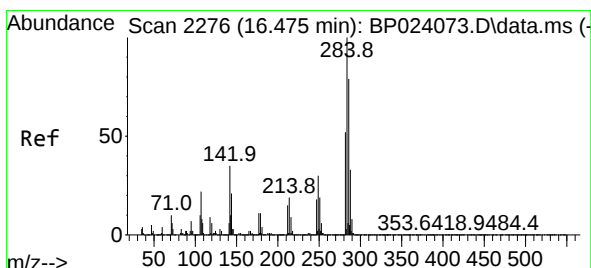
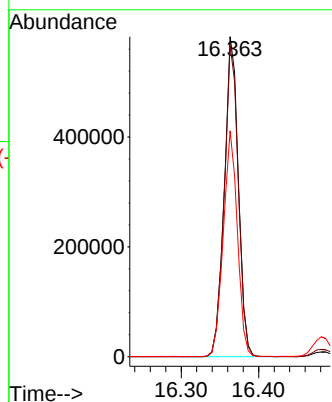
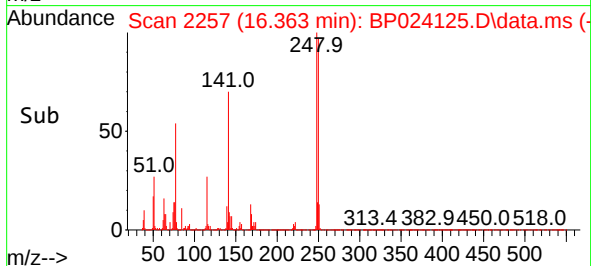
Instrument :
BNA_P
ClientSampleId :
351MSD



Tgt Ion:248 Resp: 734104
Ion Ratio Lower Upper
248 100
250 97.3 77.9 116.9
141 70.6 58.8 88.2

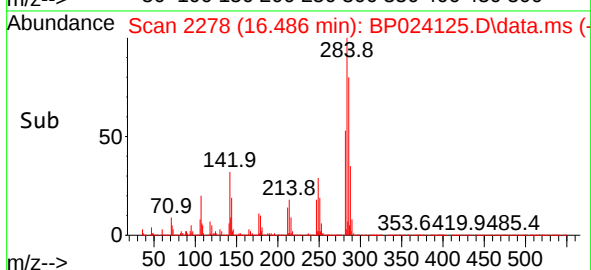
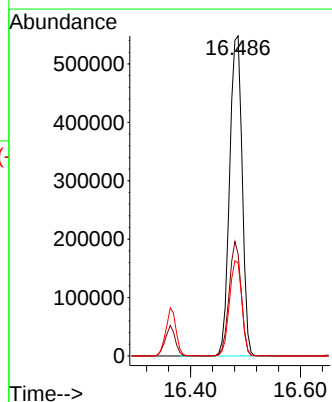
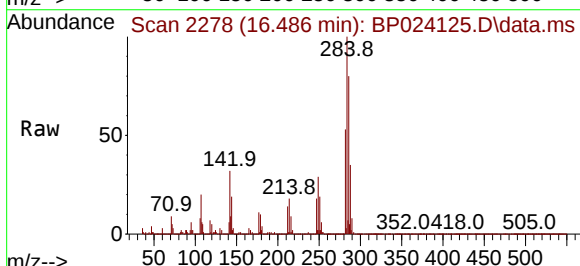
Manual Integrations
APPROVED

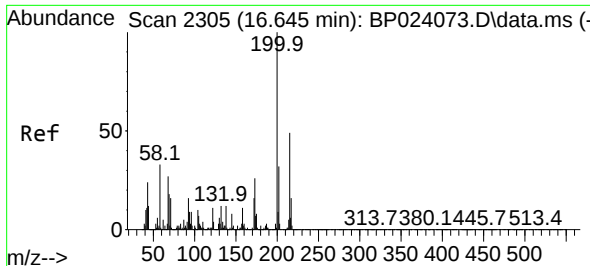
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#68
Hexachlorobenzene
Concen: 43.616 ng
RT: 16.486 min Scan# 2278
Delta R.T. 0.012 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

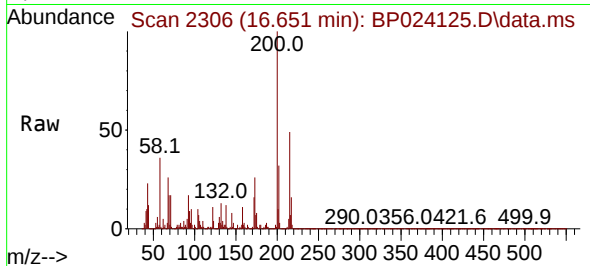
Tgt Ion:284 Resp: 866449
Ion Ratio Lower Upper
284 100
142 31.9 27.7 41.5
249 29.1 23.8 35.6





#69
Atrazine
Concen: 70.987 ng
RT: 16.651 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

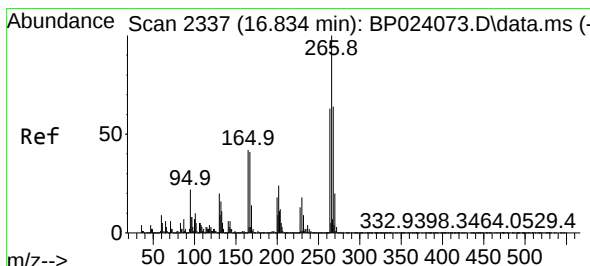
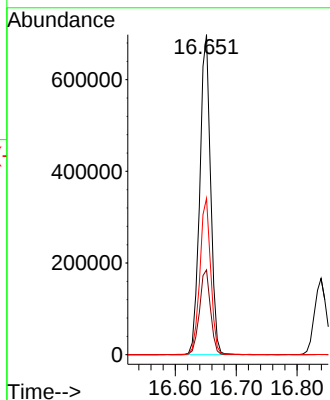
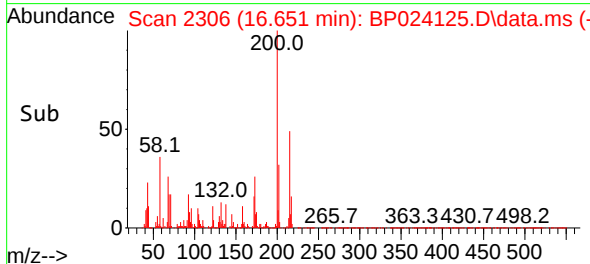
Instrument :
BNA_P
ClientSampleId :
351MSD



Tgt Ion:200 Resp: 854089
Ion Ratio Lower Upper
200 100
173 26.5 5.7 45.7
215 48.8 28.7 68.7

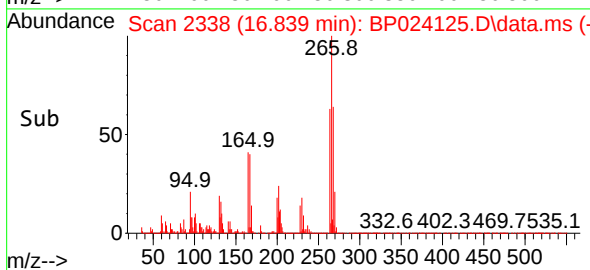
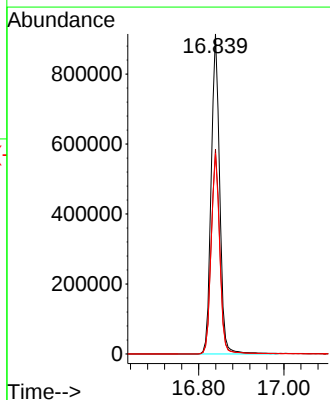
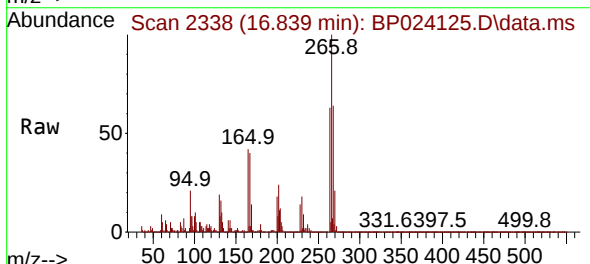
Manual Integrations
APPROVED

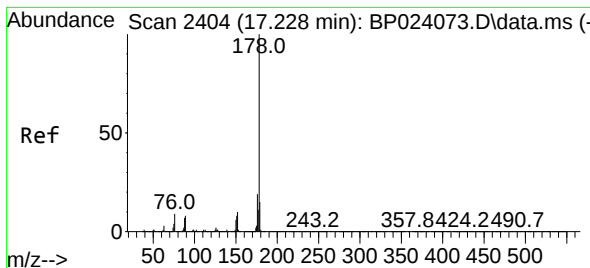
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#70
Pentachlorophenol
Concen: 98.269 ng
RT: 16.839 min Scan# 2338
Delta R.T. 0.005 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

Tgt Ion:266 Resp: 1267881
Ion Ratio Lower Upper
266 100
268 63.9 51.3 76.9
264 62.8 50.5 75.7





#71

Phenanthrene

Concen: 60.570 ng

RT: 17.239 min Scan# 2406

Delta R.T. 0.012 min

Lab File: BP024125.D

Acq: 27 Feb 2025 18:35

Instrument :

BNA_P

ClientSampleId :

351MSD

Tgt Ion:178 Resp: 5133934

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

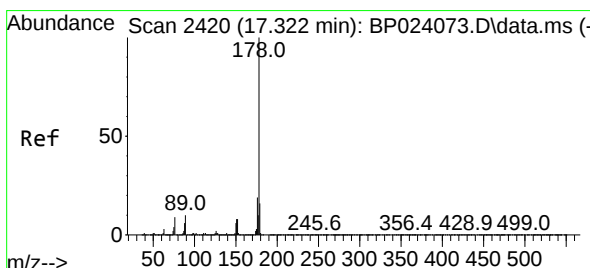
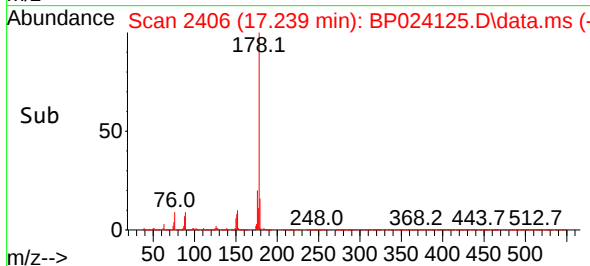
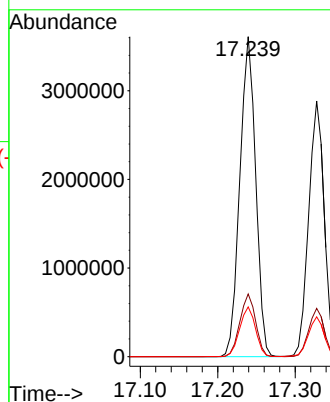
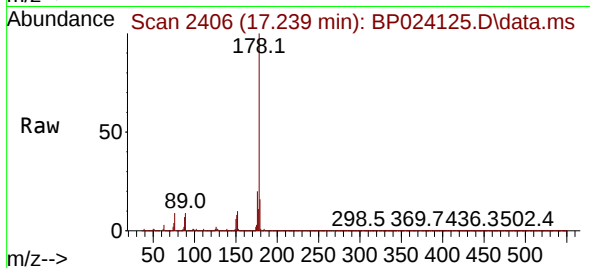
179 15.6 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2025

Supervised By :mohammad ahmed 02/28/2025



#72

Anthracene

Concen: 49.753 ng

RT: 17.328 min Scan# 2421

Delta R.T. 0.006 min

Lab File: BP024125.D

Acq: 27 Feb 2025 18:35

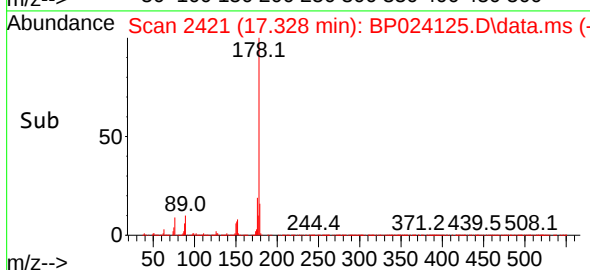
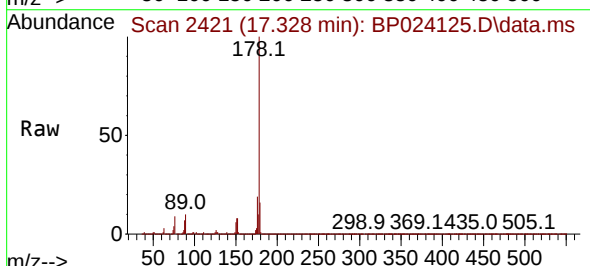
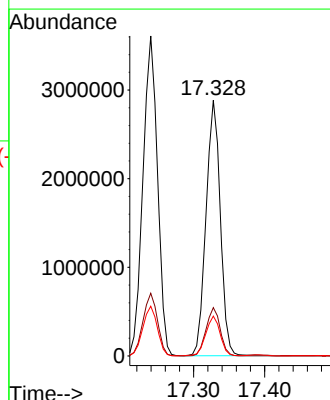
Tgt Ion:178 Resp: 4041222

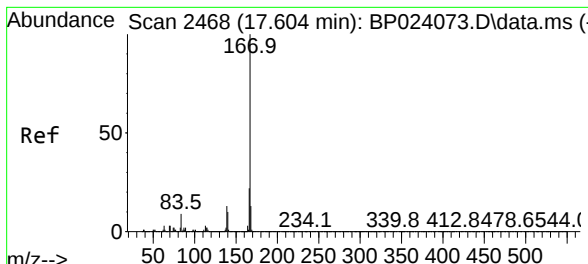
Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

179 15.6 12.6 19.0





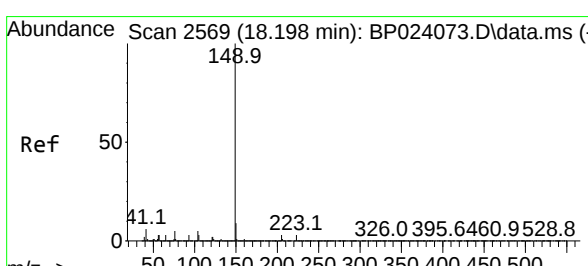
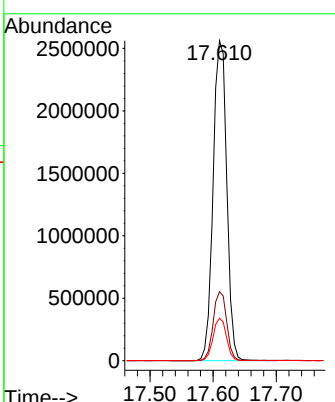
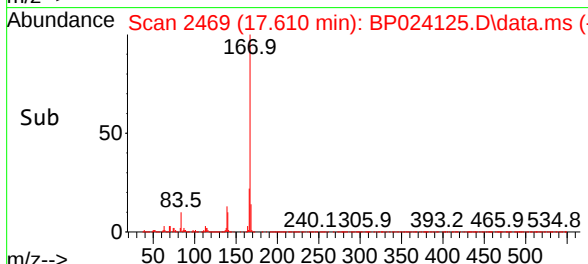
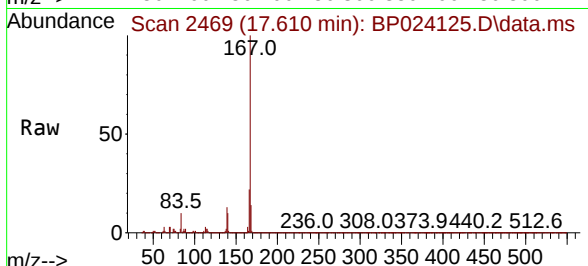
#73
 Carbazole
 Concen: 49.583 ng
 RT: 17.610 min Scan# 2469
 Delta R.T. 0.006 min
 Lab File: BP024125.D
 Acq: 27 Feb 2025 18:35

Instrument : BNA_P
 ClientSampleId : 351MSD

Tgt Ion:167 Resp: 383719

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.3	25.9
139	13.2	10.3	15.5

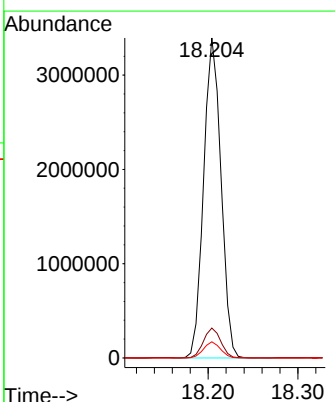
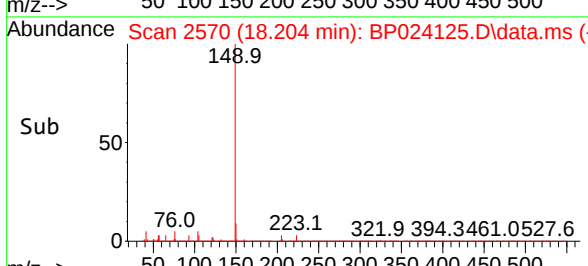
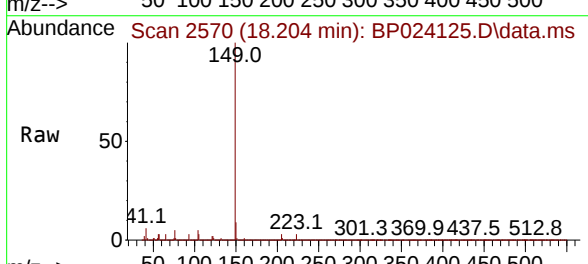
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 02/28/2025
 Supervised By :mohammad ahmed 02/28/2025

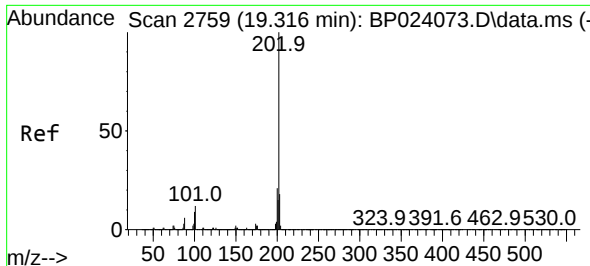


#74
 Di-n-butylphthalate
 Concen: 50.498 ng
 RT: 18.204 min Scan# 2570
 Delta R.T. 0.006 min
 Lab File: BP024125.D
 Acq: 27 Feb 2025 18:35

Tgt Ion:149 Resp: 4559959

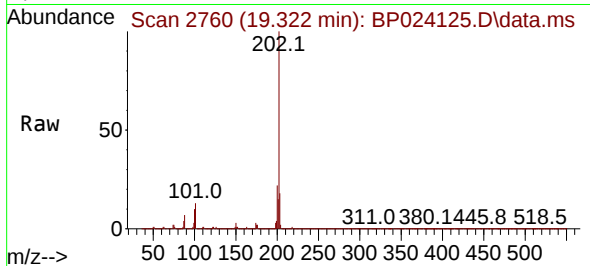
Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	5.1	4.2	6.2





#75
Fluoranthene
Concen: 74.275 ng
RT: 19.322 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

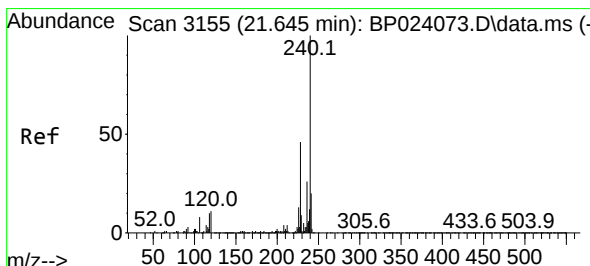
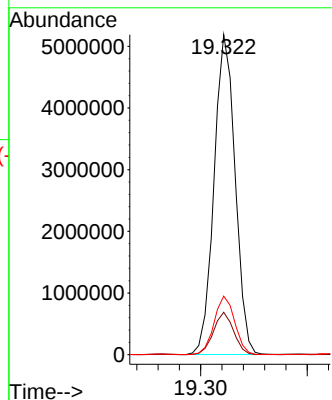
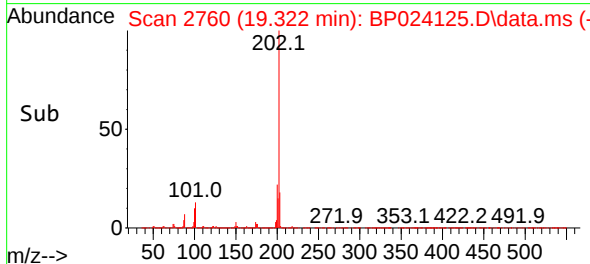
Instrument :
BNA_P
ClientSampleId :
351MSD



Tgt Ion:202 Resp: 7120790
Ion Ratio Lower Upper
202 100
101 13.3 0.0 31.9
203 18.3 0.0 37.7

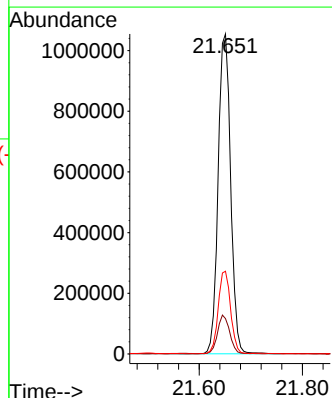
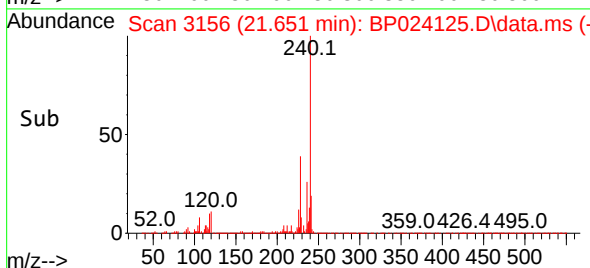
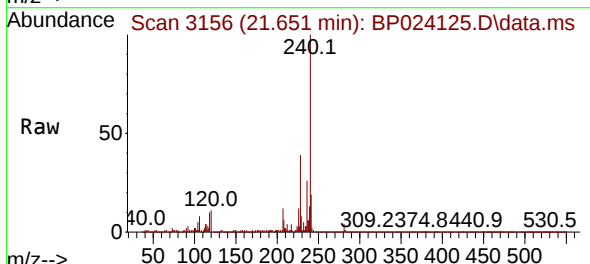
Manual Integrations
APPROVED

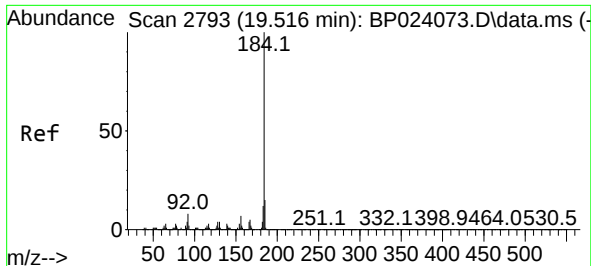
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.651 min Scan# 3156
Delta R.T. 0.006 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

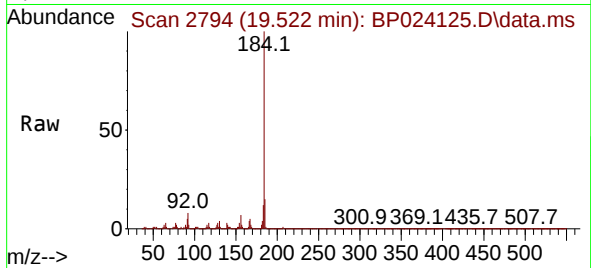
Tgt Ion:240 Resp: 1764148
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 25.8 20.7 31.1





#77
Benzidine
Concen: 122.539 ng
RT: 19.522 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

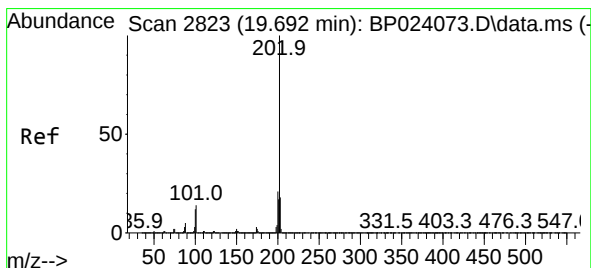
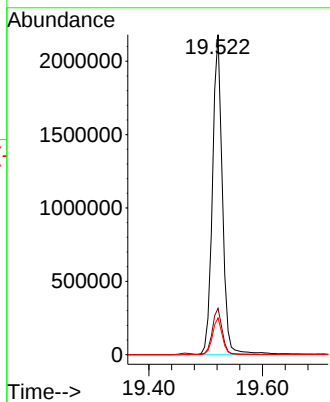
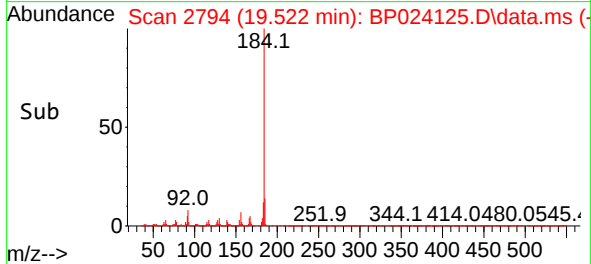
Instrument :
BNA_P
ClientSampleId :
351MSD



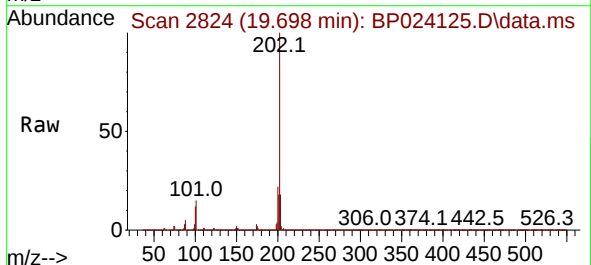
Tgt Ion:184 Resp: 263424
Ion Ratio Lower Upper
184 100
185 14.5 11.8 17.8
183 11.5 9.3 13.9

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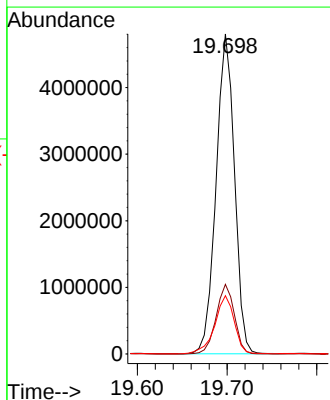
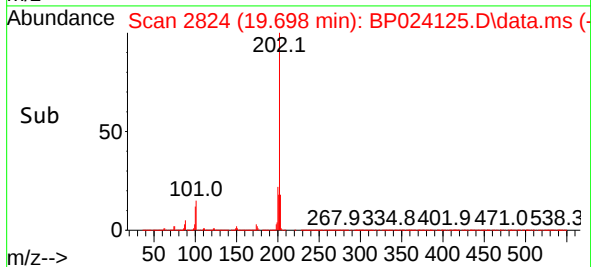
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025

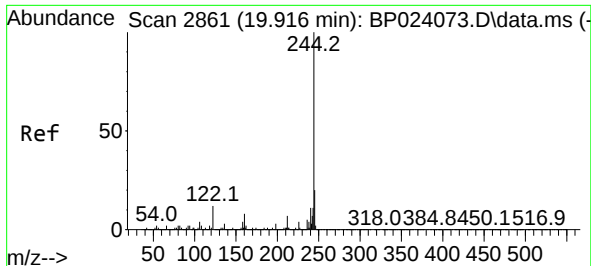


#78
Pyrene
Concen: 61.112 ng
RT: 19.698 min Scan# 2824
Delta R.T. 0.006 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35



Tgt Ion:202 Resp: 6848086
Ion Ratio Lower Upper
202 100
200 21.8 17.2 25.8
203 18.2 14.4 21.6





#79
 Terphenyl-d14
 Concen: 71.670 ng
 RT: 19.916 min Scan# 2861
 Delta R.T. -0.000 min
 Lab File: BP024125.D
 Acq: 27 Feb 2025 18:35

Instrument :

BNA_P

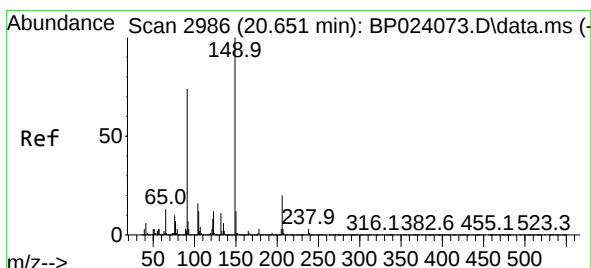
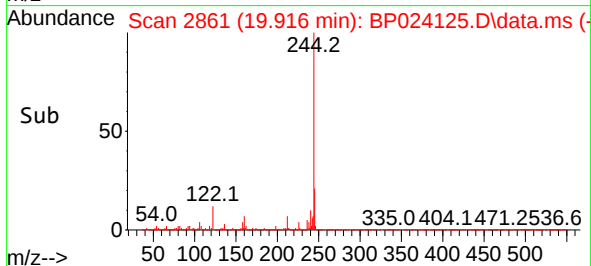
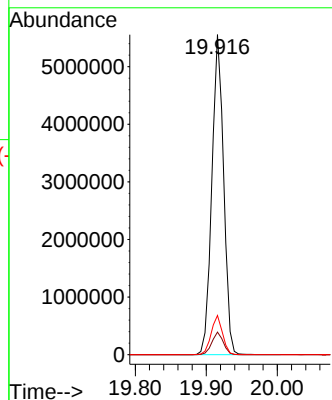
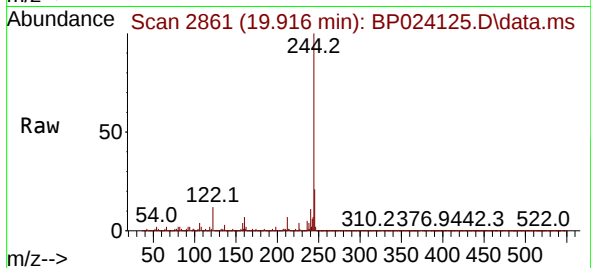
ClientSampleId :

351MSD

Tgt Ion:244 Resp: 638970
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 12.2 9.4 14.2

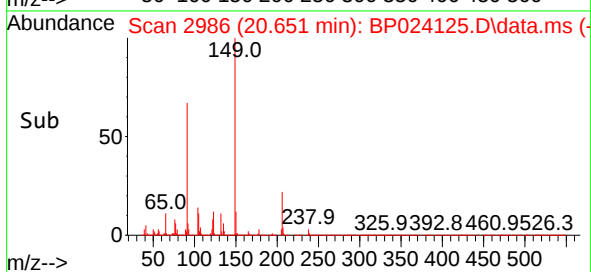
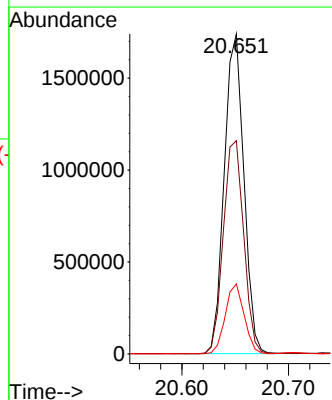
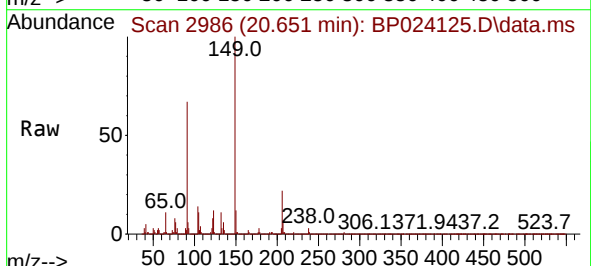
Manual Integrations
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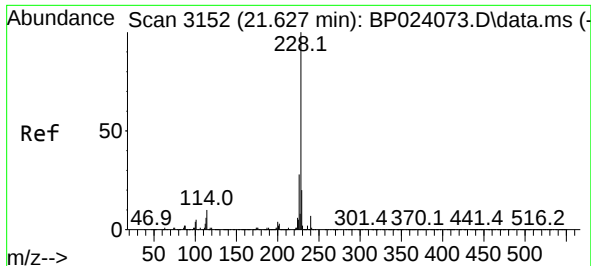
Reviewed By :Yogesh Patel 02/28/2025
 Supervised By :mohammad ahmed 02/28/2025



#80
 Butylbenzylphthalate
 Concen: 51.681 ng
 RT: 20.651 min Scan# 2986
 Delta R.T. -0.000 min
 Lab File: BP024125.D
 Acq: 27 Feb 2025 18:35

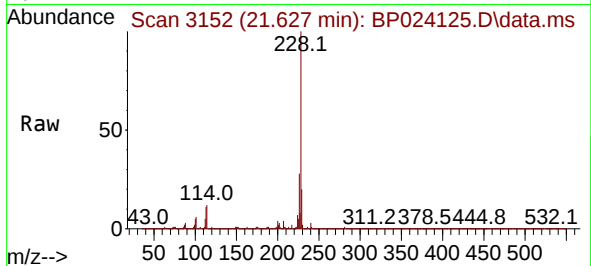
Tgt Ion:149 Resp: 2219185
 Ion Ratio Lower Upper
 149 100
 91 66.7 59.4 89.0
 206 21.9 16.2 24.2





#81
Benzo(a)anthracene
Concen: 54.579 ng
RT: 21.627 min Scan# 3152
Delta R.T. -0.000 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

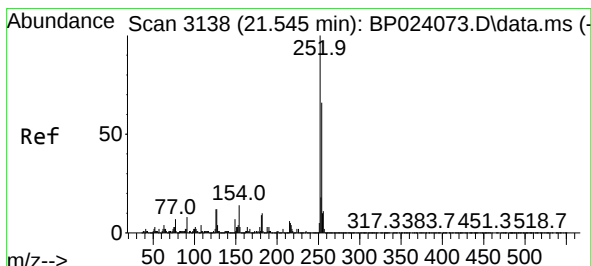
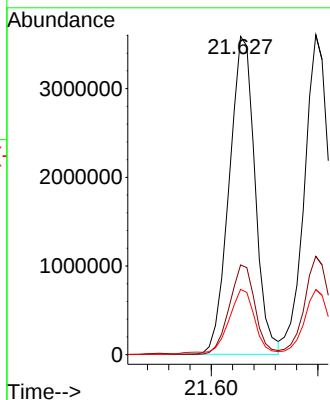
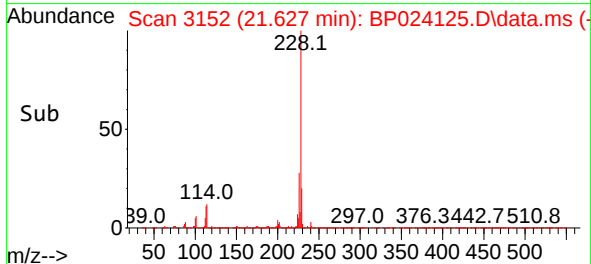
Instrument :
BNA_P
ClientSampleId :
351MSD



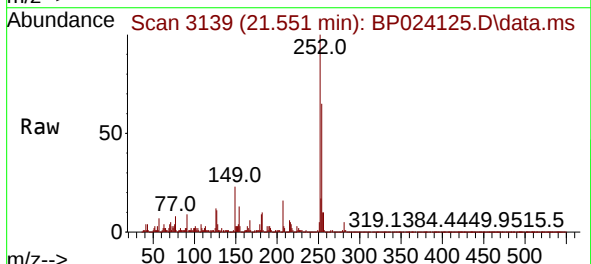
Tgt Ion:228 Resp: 6037624
Ion Ratio Lower Upper
228 100
226 28.2 22.2 33.4
229 20.5 15.8 23.8

Manual Integrations
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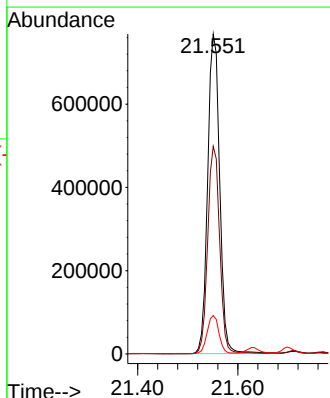
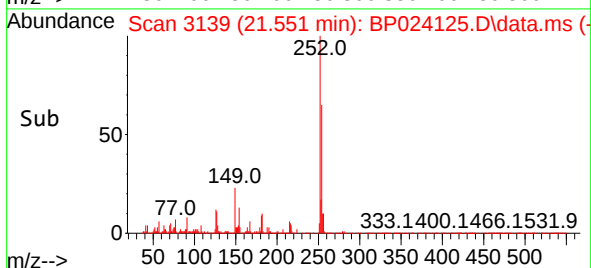
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025

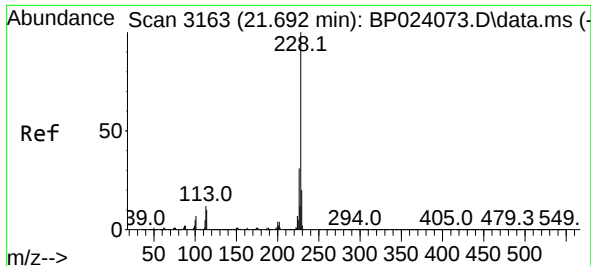


#82
3,3'-Dichlorobenzidine
Concen: 37.019 ng
RT: 21.551 min Scan# 3139
Delta R.T. 0.006 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35



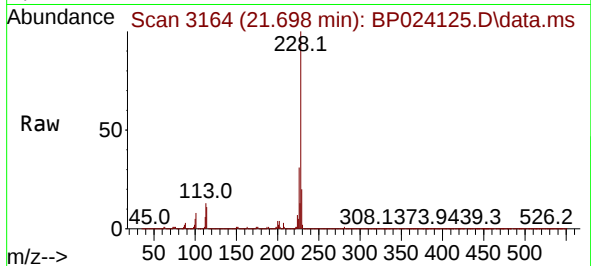
Tgt Ion:252 Resp: 1279657
Ion Ratio Lower Upper
252 100
254 64.9 52.4 78.6
126 12.0 9.6 14.4





#83
Chrysene
Concen: 54.584 ng
RT: 21.698 min Scan# 3164
Delta R.T. 0.006 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

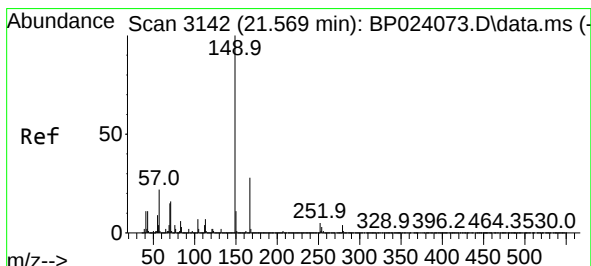
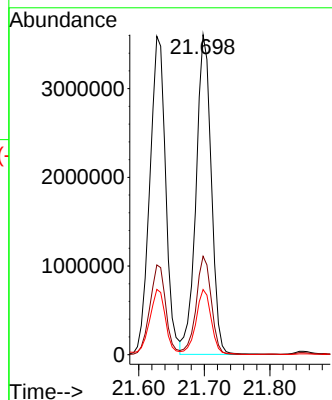
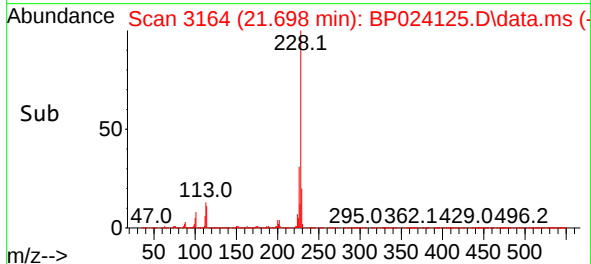
Instrument :
BNA_P
ClientSampleId :
351MSD



Tgt Ion:228 Resp: 582241
Ion Ratio Lower Upper
228 100
226 30.8 24.5 36.7
229 20.4 16.1 24.1

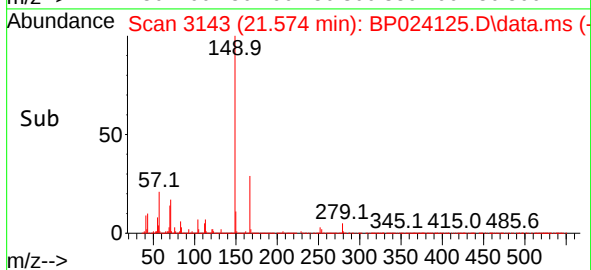
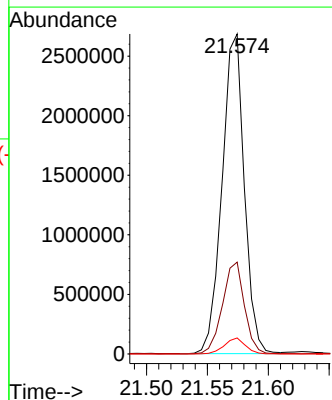
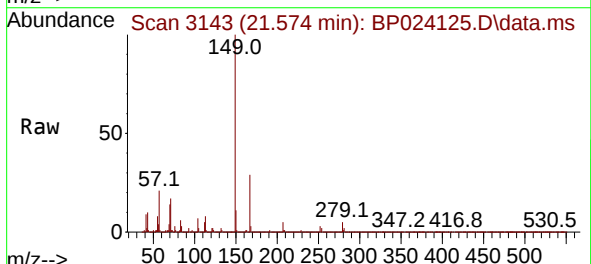
Manual Integrations
APPROVED

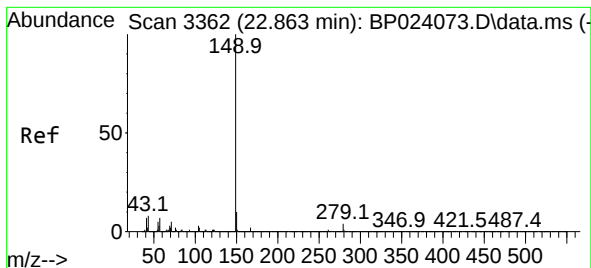
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 52.352 ng
RT: 21.574 min Scan# 3143
Delta R.T. 0.006 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

Tgt Ion:149 Resp: 3408937
Ion Ratio Lower Upper
149 100
167 28.7 22.2 33.2
279 5.0 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 56.397 ng

RT: 22.863 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP024125.D

Acq: 27 Feb 2025 18:35

Instrument :

BNA_P

ClientSampleId :

351MSD

Tgt Ion:149 Resp: 586983

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

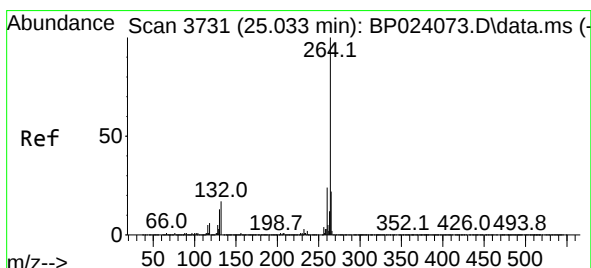
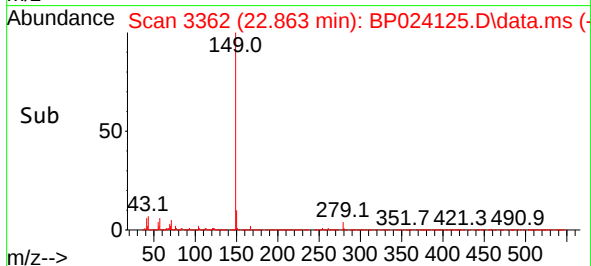
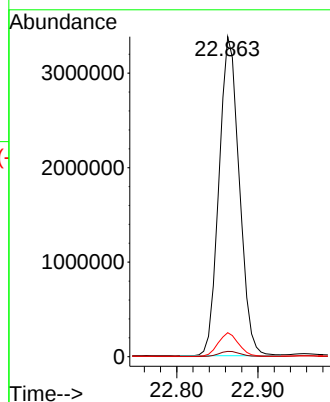
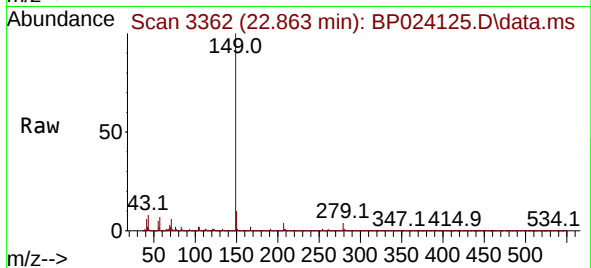
43 7.3 6.4 9.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2025

Supervised By :mohammad ahmed 02/28/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.045 min Scan# 3733

Delta R.T. 0.012 min

Lab File: BP024125.D

Acq: 27 Feb 2025 18:35

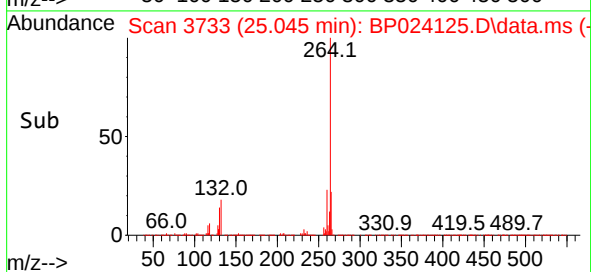
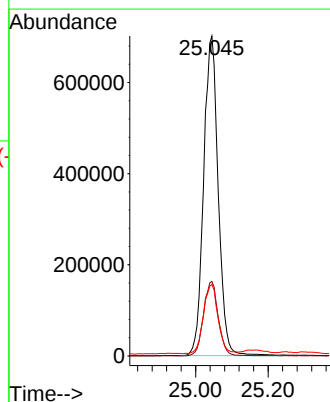
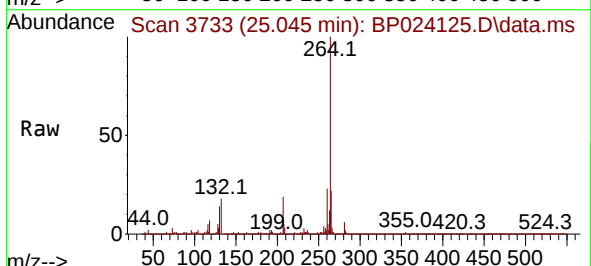
Tgt Ion:264 Resp: 1959641

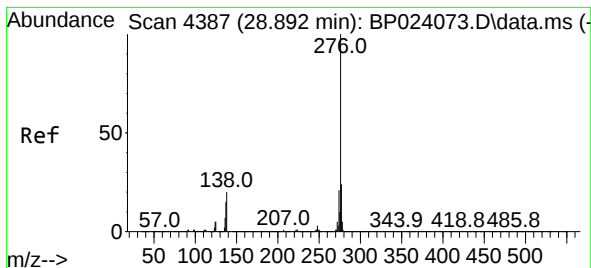
Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.6

265 22.4 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.149 ng m

RT: 28.886 min Scan# 41

Delta R.T. -0.006 min

Lab File: BP024125.D

Acq: 27 Feb 2025 18:35

Instrument :

BNA_P

ClientSampleId :

351MSD

Tgt Ion:276 Resp: 657314

Ion Ratio Lower Upper

276 100

138 18.6 14.2 21.4

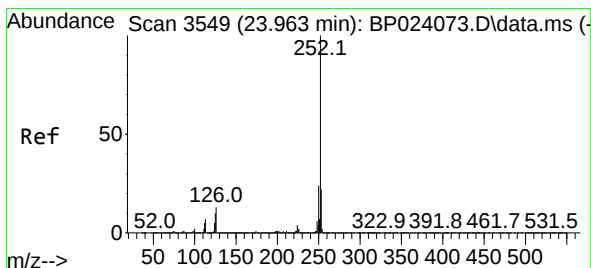
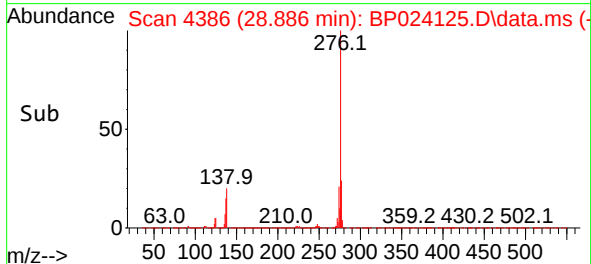
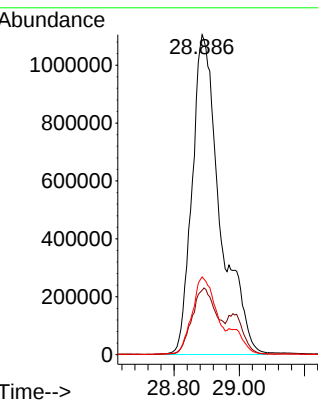
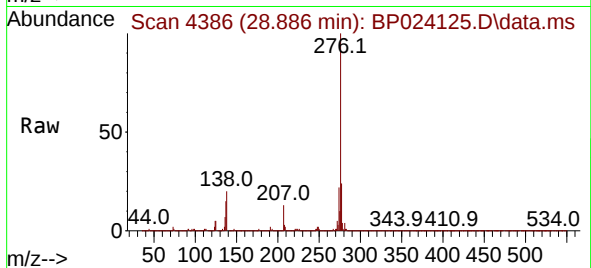
277 20.9 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2025

Supervised By :mohammad ahmed 02/28/2025



#88

Benzo(b)fluoranthene

Concen: 51.506 ng

RT: 23.968 min Scan# 3550

Delta R.T. 0.006 min

Lab File: BP024125.D

Acq: 27 Feb 2025 18:35

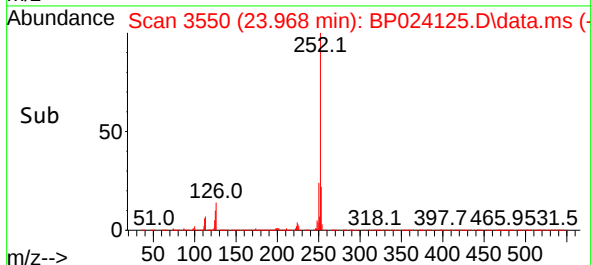
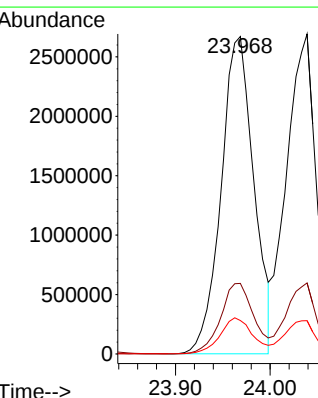
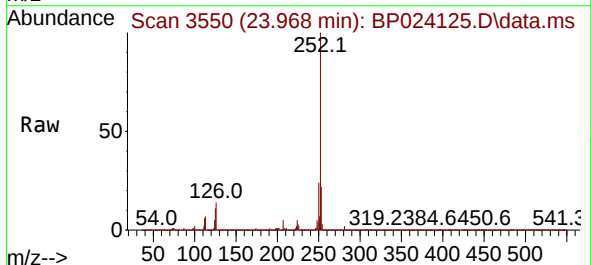
Tgt Ion:252 Resp: 6409565

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 10.5 8.4 12.6





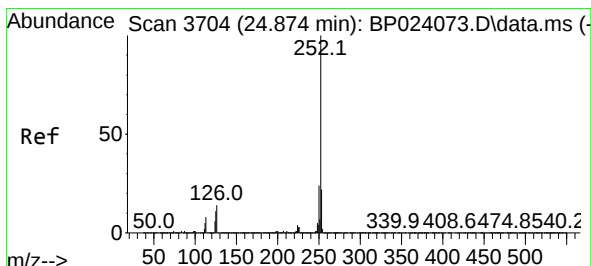
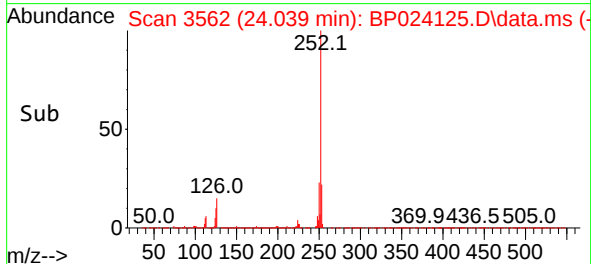
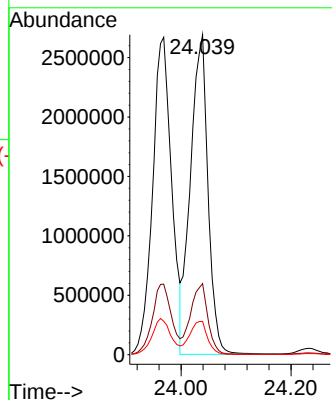
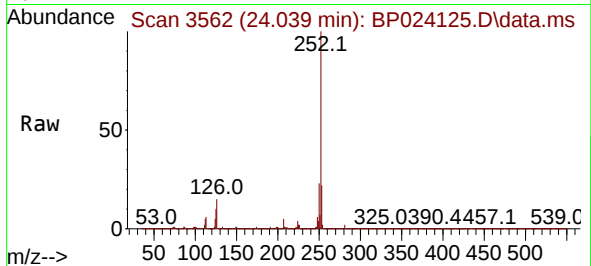
#89
Benzo(k)fluoranthene
Concen: 49.265 ng
RT: 24.039 min Scan# 3561
Delta R.T. 0.006 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

Instrument :
BNA_P
ClientSampleId :
351MSD

Tgt Ion:252 Resp: 596729
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 10.4 8.1 12.1

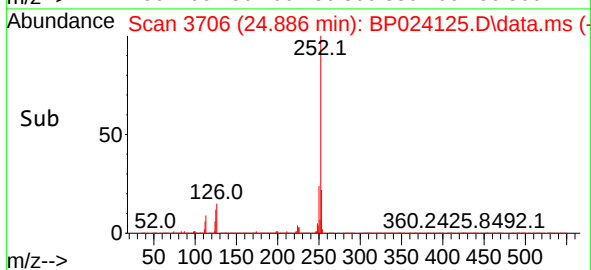
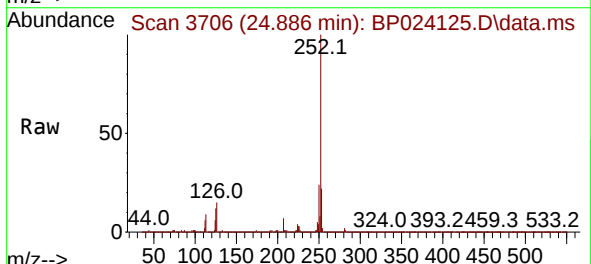
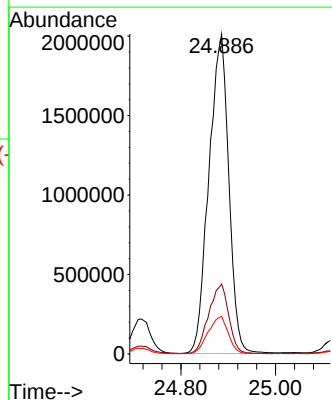
Manual Integrations
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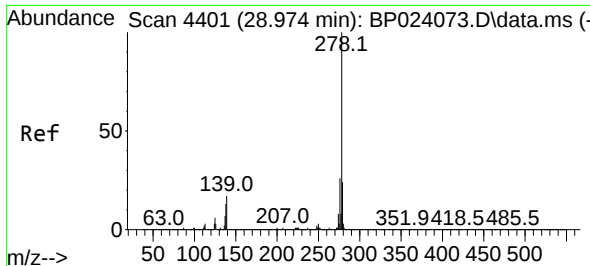
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#90
Benzo(a)pyrene
Concen: 55.371 ng
RT: 24.886 min Scan# 3706
Delta R.T. 0.012 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

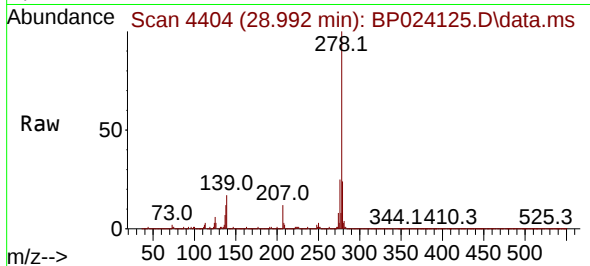
Tgt Ion:252 Resp: 5847733
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 11.7 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 42.807 ng
RT: 28.992 min Scan# 4401
Delta R.T. 0.018 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

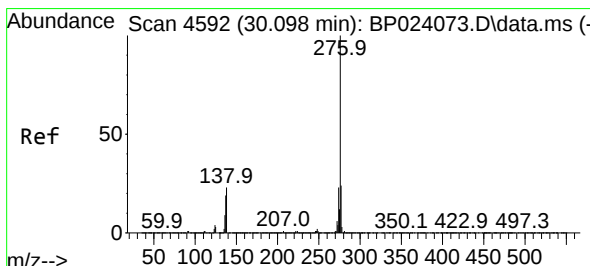
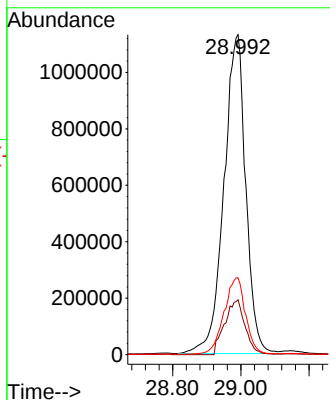
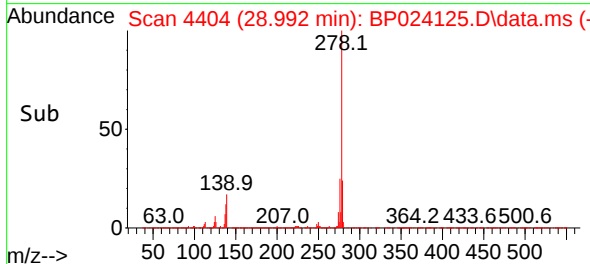
Instrument :
BNA_P
ClientSampleId :
351MSD



Tgt Ion:278 Resp: 501781
Ion Ratio Lower Upper
278 100
139 17.1 13.4 20.0
279 24.1 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#92
Benzo(g,h,i)perylene
Concen: 43.213 ng
RT: 30.098 min Scan# 4592
Delta R.T. -0.000 min
Lab File: BP024125.D
Acq: 27 Feb 2025 18:35

Tgt Ion:276 Resp: 5140085
Ion Ratio Lower Upper
276 100
277 23.6 18.9 28.3
138 22.2 18.1 27.1

