

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE103124\
 Data File : BE101432.D
 Acq On : 31 Oct 2024 14:38
 Operator : RC/JU
 Sample : P4616-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

BP-F10MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024

Quant Time: Oct 31 15:52:22 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Oct 29 01:26:30 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.570	152	77928	20.000	ng	0.00
21) Naphthalene-d8	10.337	136	346108	20.000	ng	0.00
39) Acenaphthene-d10	14.180	164	253655	20.000	ng	0.00
64) Phenanthrene-d10	16.918	188	663629	20.000	ng	0.00
76) Chrysene-d12	21.077	240	902068	20.000	ng	0.00
86) Perylene-d12	23.363	264	1174851	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.319	112	554020	124.604	ng	0.00
7) Phenol-d6	6.947	99	719354	116.680	ng	0.00
23) Nitrobenzene-d5	8.780	82	426388	77.378	ng	0.00
42) 2,4,6-Tribromophenol	15.684	330	614217	138.158	ng	0.00
45) 2-Fluorobiphenyl	12.799	172	1144193	76.392	ng	0.00
79) Terphenyl-d14	19.509	244	3014314	76.908	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.204	88	79201	47.759	ng	99
3) Pyridine	3.639	79	201062	42.854	ng	98
4) n-Nitrosodimethylamine	3.557	42	94827	52.237	ng	99
6) Aniline	7.006	93	313298	66.308	ng	99
8) 2-Chlorophenol	7.211	128	284021	53.259	ng	98
9) Benzaldehyde	6.782	77	35159	11.814	ng	96
10) Phenol	6.970	94	370914	55.449	ng	99
11) bis(2-Chloroethyl)ether	7.035	93	253300m	46.159	ng	
12) 1,3-Dichlorobenzene	7.452	146	282526	49.132	ng	99
13) 1,4-Dichlorobenzene	7.605	146	287341	48.933	ng	98
14) 1,2-Dichlorobenzene	7.934	146	280017	48.716	ng	99
15) Benzyl Alcohol	7.910	79	182192	49.577	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.069	45	345620	50.047	ng	99
17) 2-Methylphenol	8.151	107	227873	50.332	ng	98
18) Hexachloroethane	8.627	117	96635	50.393	ng	98
19) n-Nitroso-di-n-propyla...	8.369	70	199896	48.861	ng	100
20) 3+4-Methylphenols	8.486	107	318576	50.976	ng	98
22) Acetophenone	8.422	105	400853	51.008	ng	99
24) Nitrobenzene	8.821	77	290958	49.609	ng	100
25) Isophorone	9.274	82	557176	51.815	ng	99
26) 2-Nitrophenol	9.509	139	156017	55.038	ng	97
27) 2,4-Dimethylphenol	9.620	122	238349	66.819	ng	99
28) bis(2-Chloroethoxy)met...	9.773	93	342982	52.595	ng	99
29) 2,4-Dichlorophenol	10.055	162	281866	57.118	ng	99
30) 1,2,4-Trichlorobenzene	10.184	180	265453	49.379	ng	100
31) Naphthalene	10.384	128	891997	50.574	ng	100
32) Benzoic acid	9.867	122	130683	37.734	ng	97
33) 4-Chloroaniline	10.607	127	203600	33.197	ng	100
34) Hexachlorobutadiene	10.637	225	161334	50.701	ng	97
35) Caprolactam	11.389	113	105728m	55.893	ng	
36) 4-Chloro-3-methylphenol	11.782	107	311554	55.449	ng	99
37) 2-Methylnaphthalene	11.976	142	662460	52.134	ng	99
38) 1-Methylnaphthalene	12.200	142	624926	49.277	ng	99
40) 1,2,4,5-Tetrachloroben...	12.335	216	324128	50.902	ng	99
41) Hexachlorocyclopentadiene	12.317	237	370911	176.374	ng	99
43) 2,4,6-Trichlorophenol	12.652	196	249620	56.864	ng	98

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 QLast Update : Tue Oct 29 01:26:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.752	196	280349	55.769	ng	99
46) 1,1'-Biphenyl	13.005	154	888925	51.151	ng	100
47) 2-Chloronaphthalene	13.052	162	702156	51.141	ng	99
48) 2-Nitroaniline	13.381	65	215406	58.297	ng	99
49) Acenaphthylene	13.909	152	1175572	57.898	ng	99
50) Dimethylphthalate	13.686	163	971242	54.245	ng	99
51) 2,6-Dinitrotoluene	13.821	165	217915	52.716	ng	97
52) Acenaphthene	14.238	154	719962	54.303	ng	99
53) 3-Nitroaniline	14.227	138	165712	40.315	ng	100
54) 2,4-Dinitrophenol	14.368	184	304610	102.044	ng	98
55) Dibenzofuran	14.585	168	1170504	55.391	ng	98
56) 4-Nitrophenol	14.650	139	484665	128.756	ng	99
57) 2,4-Dinitrotoluene	14.603	165	332602	58.443	ng	99
58) Fluorene	15.220	166	990641	56.039	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.849	232	284527	61.260	ng	98
60) Diethylphthalate	15.008	149	1037578	55.403	ng	99
61) 4-Chlorophenyl-phenyle...	15.208	204	474669	54.111	ng	100
62) 4-Nitroaniline	15.419	138	261986	57.278	ng	98
63) Azobenzene	15.507	77	916180	56.913	ng	99
65) 4,6-Dinitro-2-methylph...	15.349	198	205439	52.682	ng	97
66) n-Nitrosodiphenylamine	15.460	169	892314	50.703	ng	100
67) 4-Bromophenyl-phenylether	16.095	248	346164	49.588	ng	98
68) Hexachlorobenzene	16.201	284	460151	50.289	ng	98
69) Atrazine	16.395	200	351305	65.112	ng	99
70) Pentachlorophenol	16.606	266	624991	118.662	ng	99
71) Phenanthrene	16.959	178	1744995	54.919	ng	99
72) Anthracene	17.041	178	1801503	58.066	ng	100
73) Carbazole	17.376	167	1785419	56.242	ng	99
74) Di-n-butylphthalate	17.822	149	2043293	58.467	ng	99
75) Fluoranthene	18.962	202	2339596	60.624	ng	99
77) Benzidine	19.215	184	1421125	124.129	ng	100
78) Pyrene	19.332	202	2537078	51.144	ng	99
80) Butylbenzylphthalate	20.184	149	1163395	53.497	ng	98
81) Benzo(a)anthracene	21.060	228	2772707	54.686	ng	100
82) 3,3'-Dichlorobenzidine	21.036	252	796627	40.109	ng	99
83) Chrysene	21.119	228	2659448	54.250	ng	99
84) Bis(2-ethylhexyl)phtha...	20.884	149	1679232	58.125	ng	99
85) Di-n-octyl phthalate	21.735	149	2874512	60.623	ng	100
87) Indeno(1,2,3-cd)pyrene	25.695	276	4345122	55.263	ng	100
88) Benzo(b)fluoranthene	22.658	252	3304286	53.969	ng	100
89) Benzo(k)fluoranthene	22.705	252	3048400	53.293	ng	99
90) Benzo(a)pyrene	23.257	252	3101581	57.924	ng	99
91) Dibenzo(a,h)anthracene	25.690	278	3602410	55.448	ng	99
92) Benzo(g,h,i)perylene	26.448	276	3319392	49.587	ng	99

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

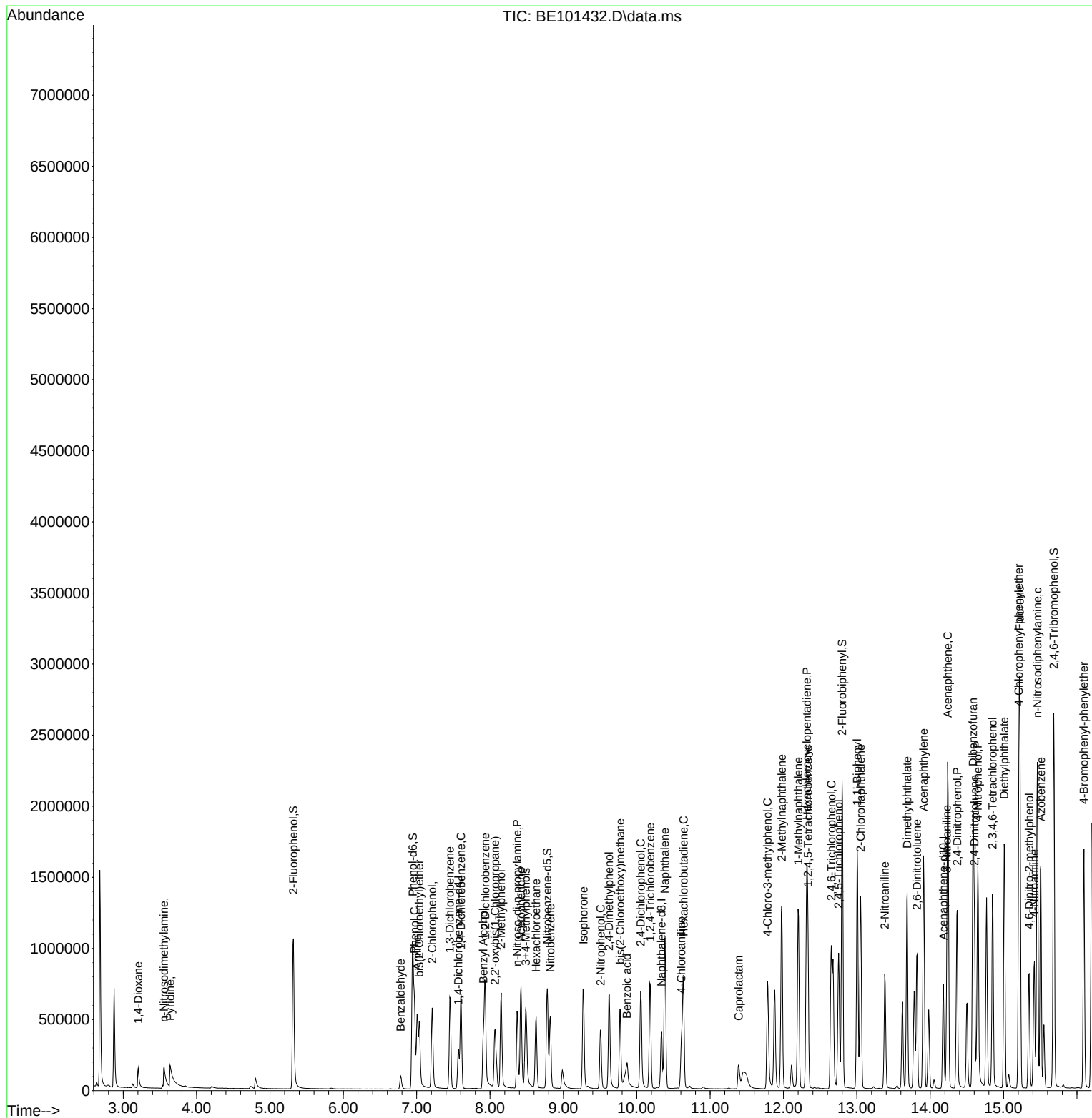
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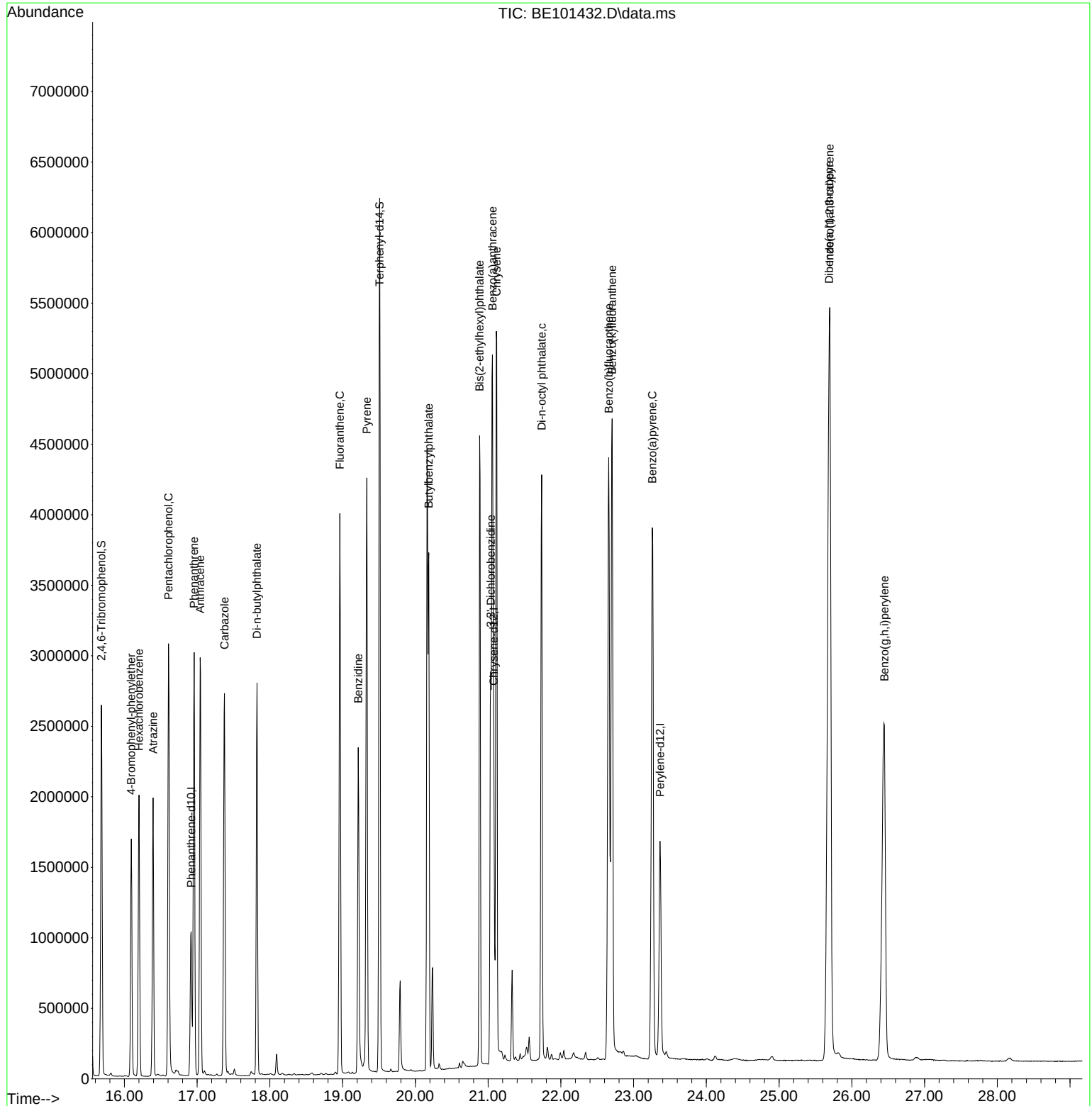
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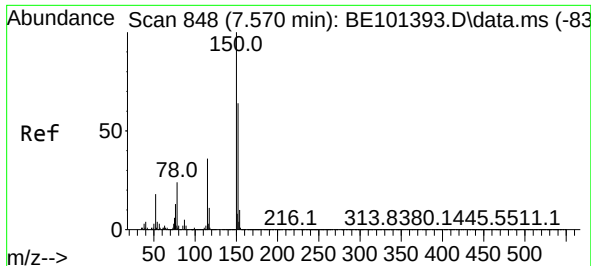
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.570 min Scan# 848
Delta R.T. -0.000 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

Instrument :

BNA_E

ClientSampleId :

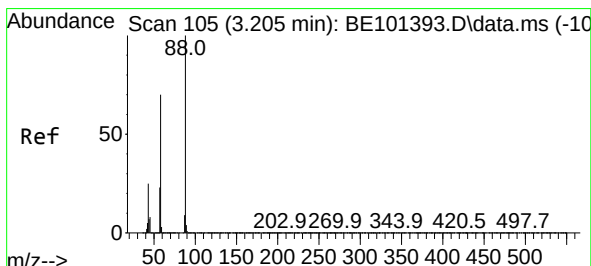
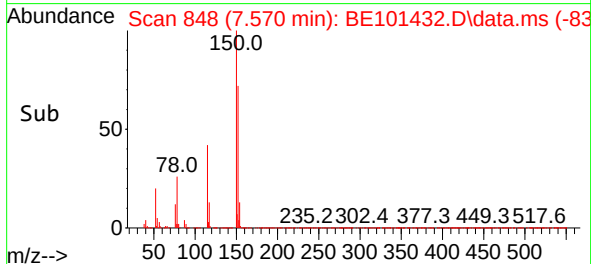
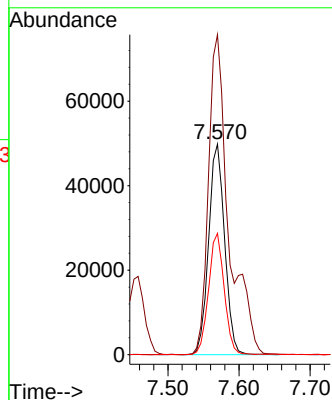
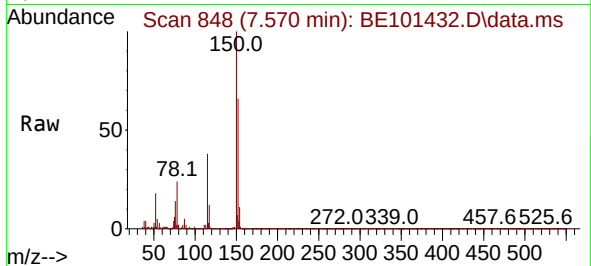
BP-F10MSD

Tgt Ion:152 Resp: 77928
Ion Ratio Lower Upper
152 100
150 152.0 124.2 186.4
115 57.6 45.3 67.9

Manual Integrations

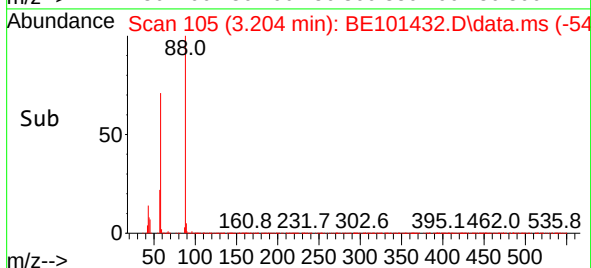
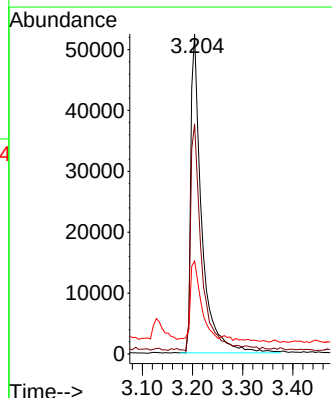
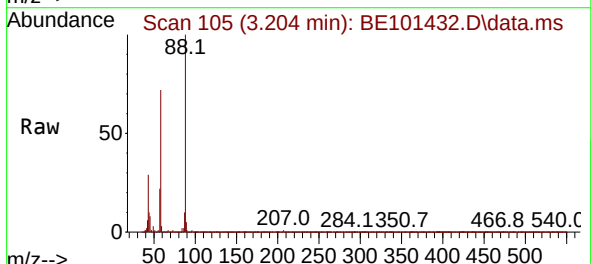
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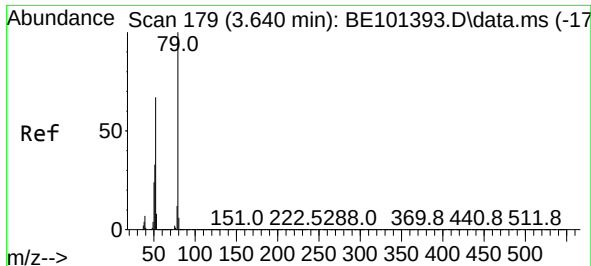
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#2
1,4-Dioxane
Concen: 47.759 ng
RT: 3.204 min Scan# 105
Delta R.T. -0.001 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

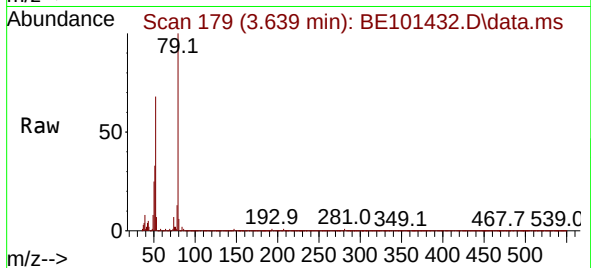
Tgt Ion: 88 Resp: 79201
Ion Ratio Lower Upper
88 100
58 70.2 56.5 84.7
43 22.9 19.8 29.8





#3
Pyridine
Concen: 42.854 ng
RT: 3.639 min Scan# 179
Delta R.T. -0.001 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

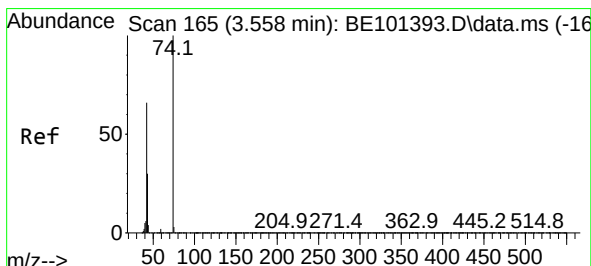
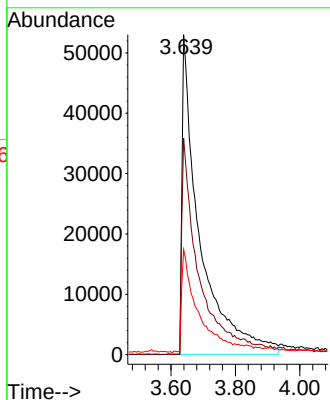
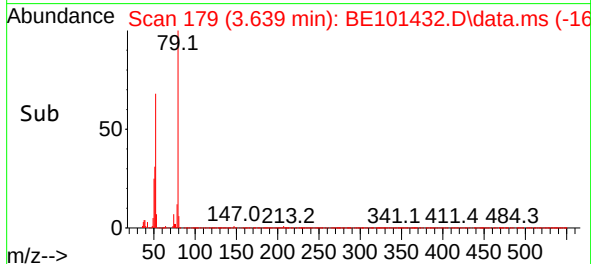
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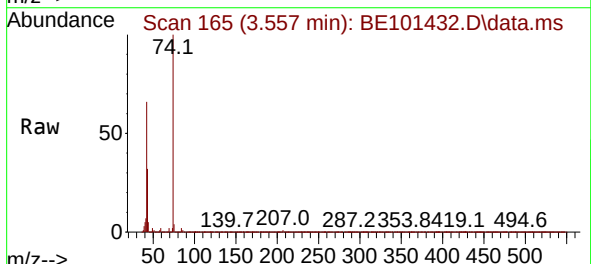
Tgt Ion: 79 Resp: 201062
Ion Ratio Lower Upper
79 100
52 67.7 53.3 79.9
51 32.8 27.3 40.9

Manual Integrations
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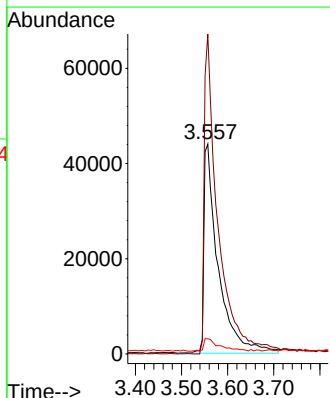
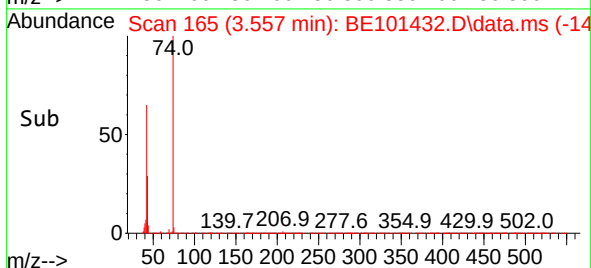
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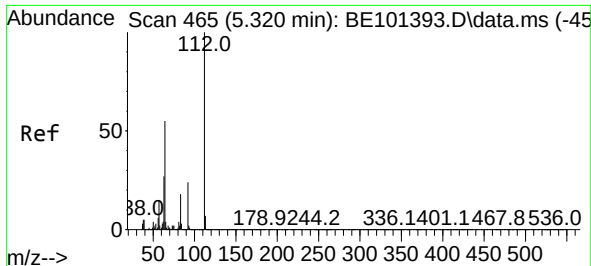


#4
n-Nitrosodimethylamine
Concen: 52.237 ng
RT: 3.557 min Scan# 165
Delta R.T. -0.001 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38



Tgt Ion: 42 Resp: 94827
Ion Ratio Lower Upper
42 100
74 152.4 121.4 182.0
44 7.3 5.6 8.4





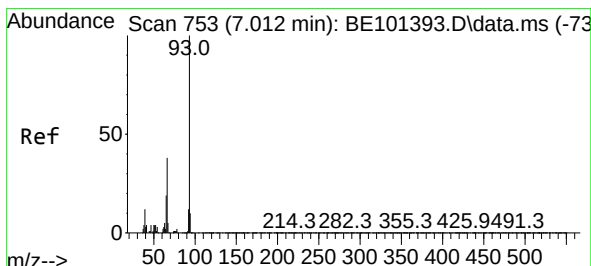
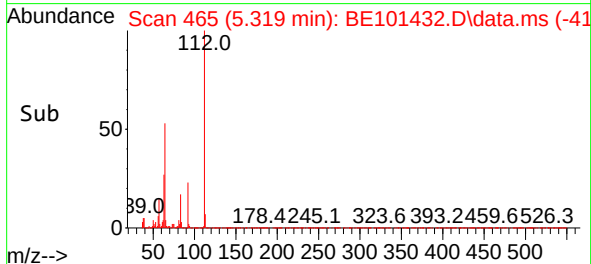
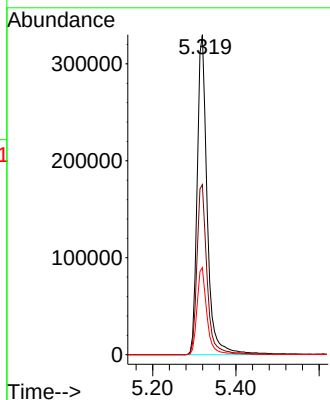
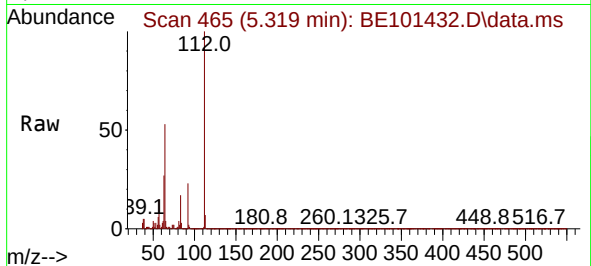
#5
2-Fluorophenol
Concen: 124.604 ng
RT: 5.319 min Scan# 465
Delta R.T. -0.001 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

Instrument :
BNA_E
ClientSampleId :
BP-F10MSD

Tgt Ion:112 Resp: 554020
Ion Ratio Lower Upper
112 100
64 53.2 43.7 65.5
63 27.2 21.4 32.2

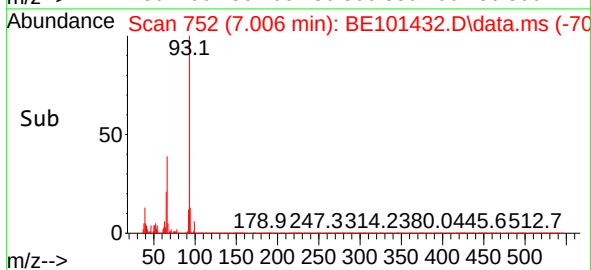
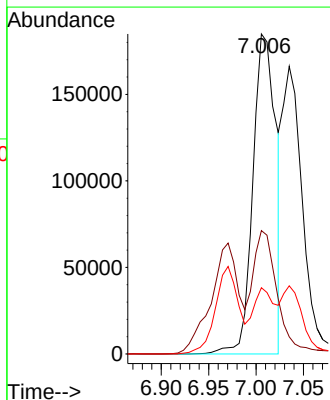
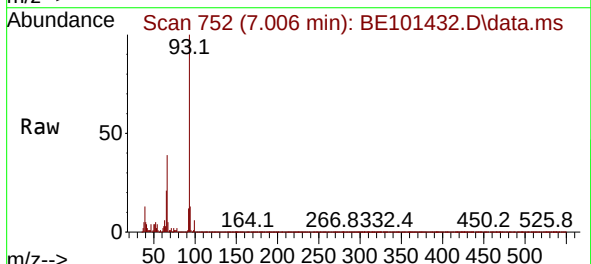
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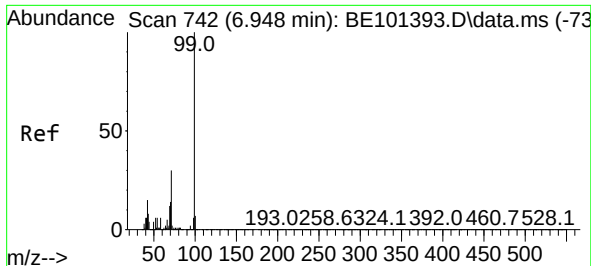
Reviewed By :Yogesh Patel 11/04/2024
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#6
Aniline
Concen: 66.308 ng
RT: 7.006 min Scan# 752
Delta R.T. -0.007 min
Lab File: BE101432.D
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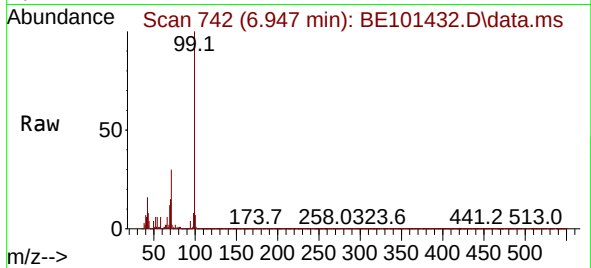
Tgt Ion: 93 Resp: 313298
Ion Ratio Lower Upper
93 100
66 38.5 31.0 46.4
65 20.7 15.5 23.3





#7
Phenol-d6
Concen: 116.680 ng
RT: 6.947 min Scan# 741
Delta R.T. -0.001 min
Lab File: BE101432.D
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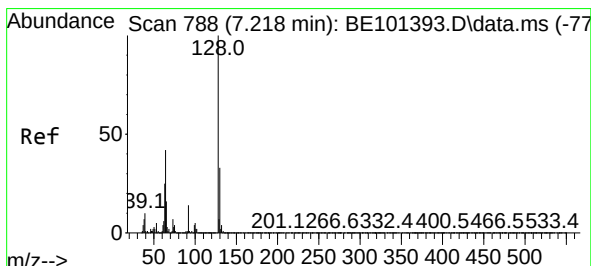
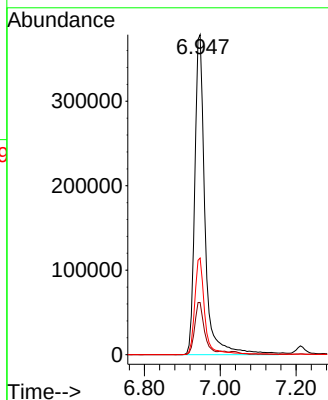
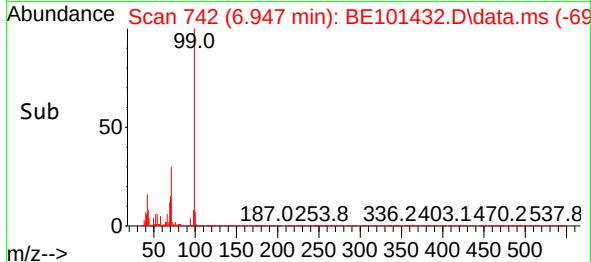
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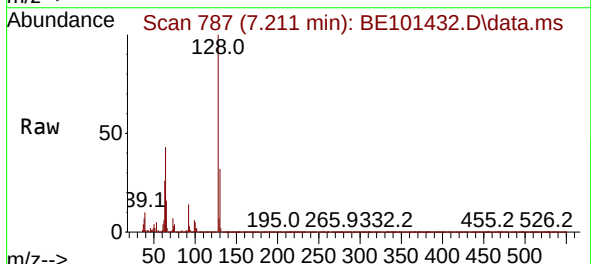
Tgt Ion: 99 Resp: 719354
Ion Ratio Lower Upper
99 100
42 16.3 12.3 18.5
71 30.2 23.8 35.8

Manual Integrations
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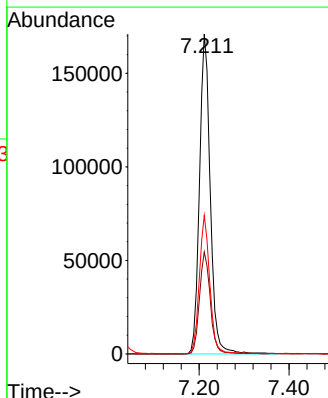
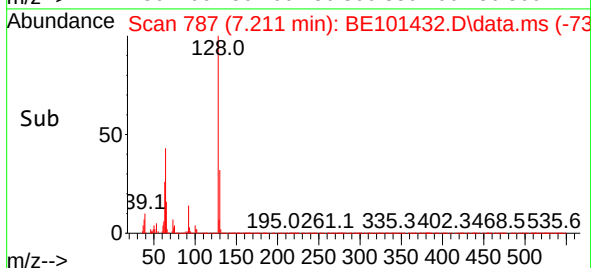
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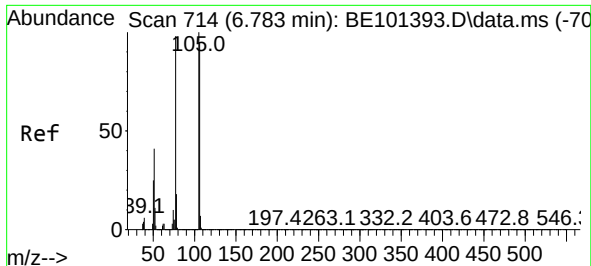


#8
2-Chlorophenol
Concen: 53.259 ng
RT: 7.211 min Scan# 787
Delta R.T. -0.007 min
Lab File: BE101432.D
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Tgt Ion:128 Resp: 284021
Ion Ratio Lower Upper
128 100
130 31.9 12.9 52.9
64 43.3 22.3 62.3





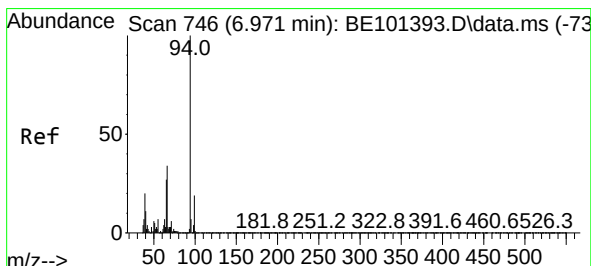
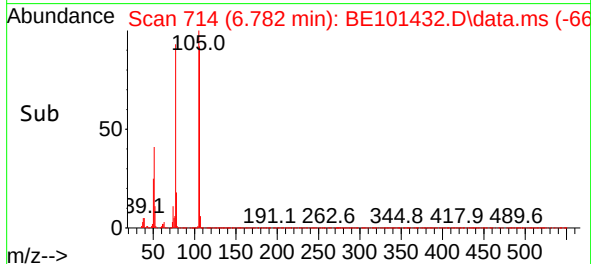
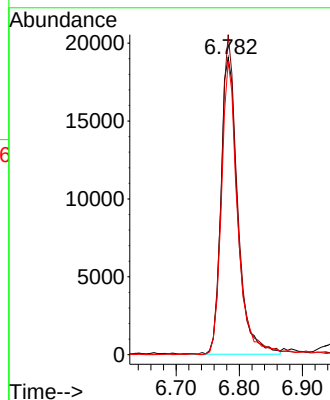
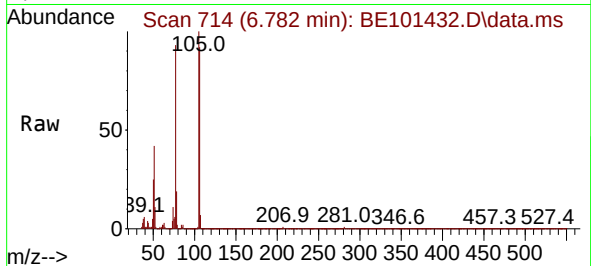
#9
Benzaldehyde
Concen: 11.814 ng
RT: 6.782 min Scan# 714
Delta R.T. -0.001 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

Instrument :
BNA_E
ClientSampleId :
BP-F10MSD

Tgt Ion: 77	Resp: 3515
Ion Ratio	Lower Upper
77 100	
105 107.6	81.9 121.9
106 98.7	76.5 116.5

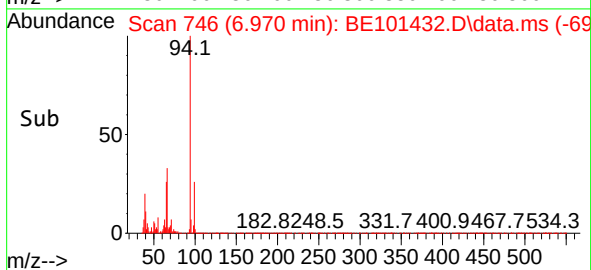
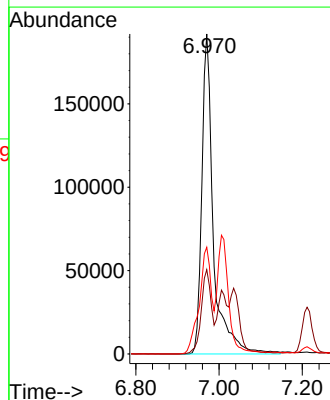
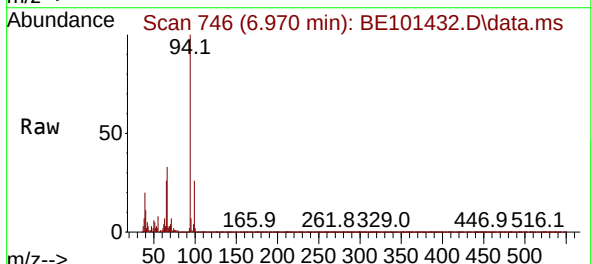
Manual Integrations
APPROVED

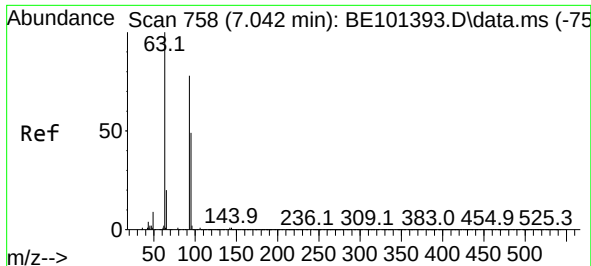
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#10
Phenol
Concen: 55.449 ng
RT: 6.970 min Scan# 746
Delta R.T. -0.001 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

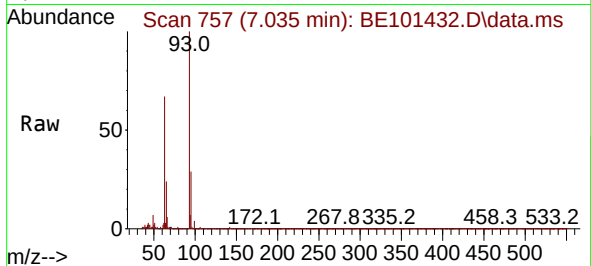
Tgt Ion: 94	Resp: 370914
Ion Ratio	Lower Upper
94 100	
65 26.3	6.8 46.8
66 33.4	14.0 54.0





#11
bis(2-Chloroethyl)ether
Concen: 46.159 ng m
RT: 7.035 min Scan# 70
Delta R.T. -0.007 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

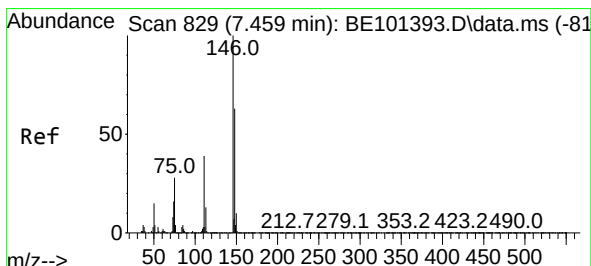
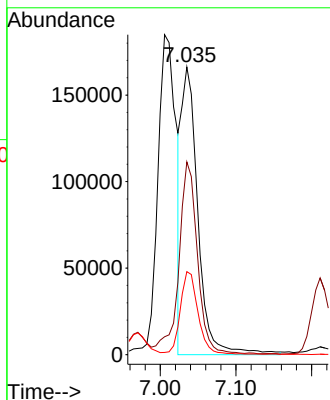
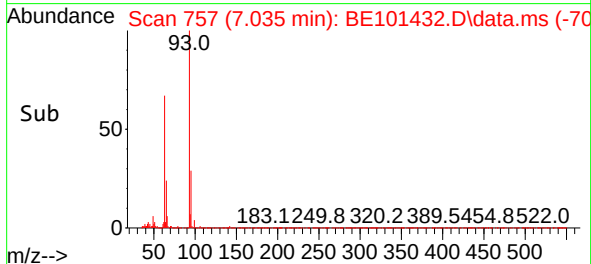
Instrument :
BNA_E
ClientSampleId :
BP-F10MSD



Tgt Ion: 93 Resp: 253300
Ion Ratio Lower Upper
93 100
63 67.0 46.3 86.3
95 28.9 9.6 49.6

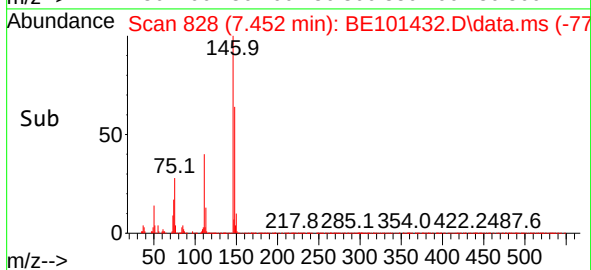
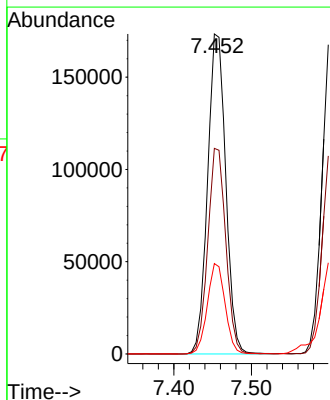
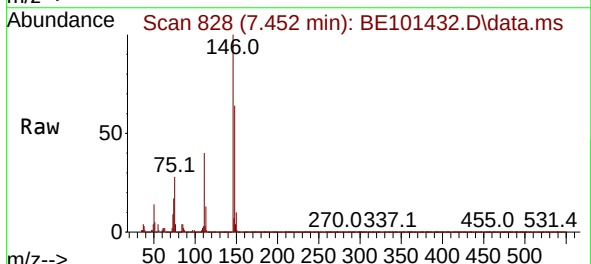
Manual Integrations
APPROVED

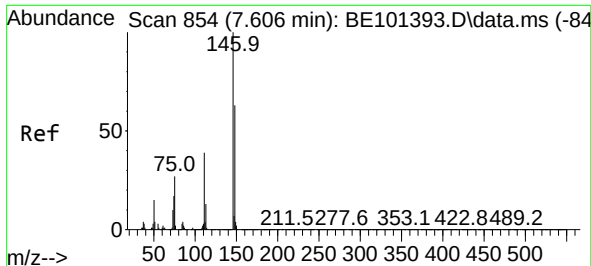
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#12
1,3-Dichlorobenzene
Concen: 49.132 ng
RT: 7.452 min Scan# 828
Delta R.T. -0.007 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

Tgt Ion:146 Resp: 282526
Ion Ratio Lower Upper
146 100
148 64.3 50.5 75.7
75 28.3 22.0 33.0





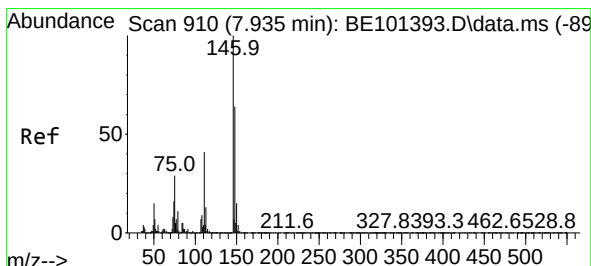
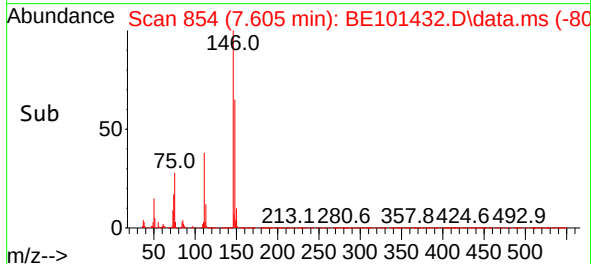
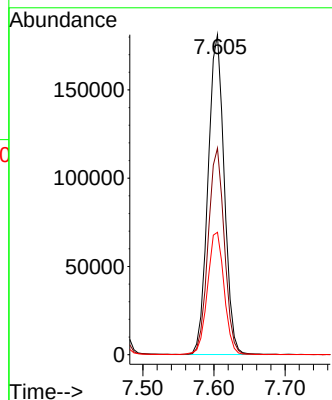
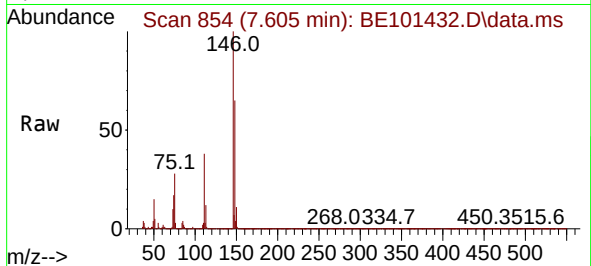
#13
1,4-Dichlorobenzene
Concen: 48.933 ng
RT: 7.605 min Scan# 854
Delta R.T. -0.001 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

Instrument :
BNA_E
ClientSampleId :
BP-F10MSD

Tgt Ion:146 Resp: 28734
Ion Ratio Lower Upper
146 100
148 64.6 50.2 75.2
111 38.3 31.6 47.4

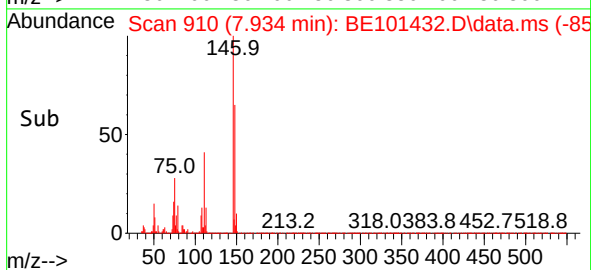
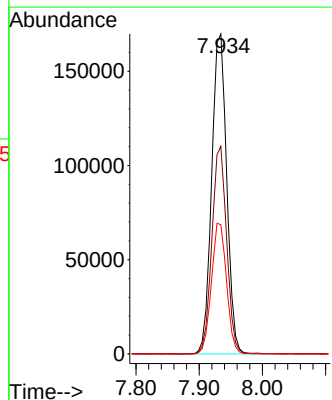
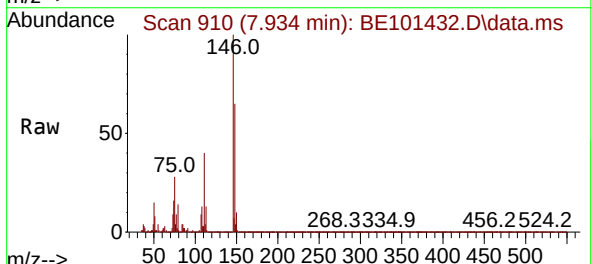
Manual Integrations
APPROVED

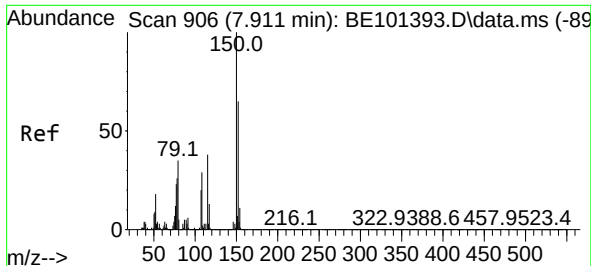
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#14
1,2-Dichlorobenzene
Concen: 48.716 ng
RT: 7.934 min Scan# 910
Delta R.T. -0.001 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

Tgt Ion:146 Resp: 280017
Ion Ratio Lower Upper
146 100
148 64.9 51.4 77.2
111 40.4 32.8 49.2





#15
Benzyl Alcohol
Concen: 49.577 ng
RT: 7.910 min Scan# 906
Delta R.T. -0.001 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

Instrument :

BNA_E

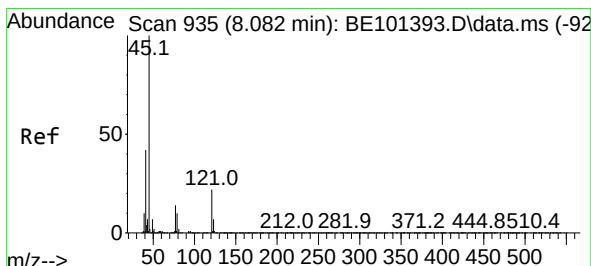
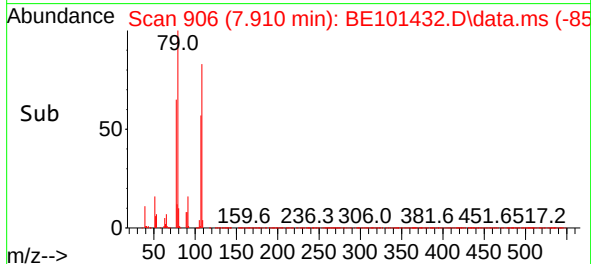
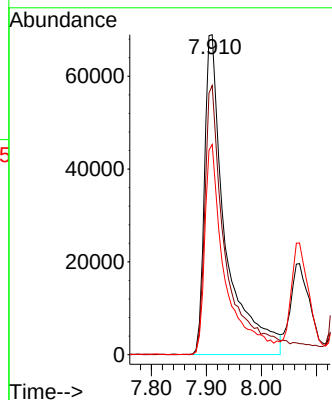
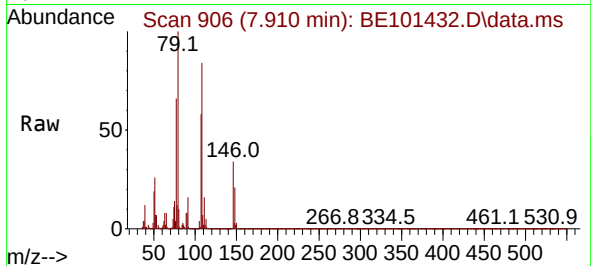
ClientSampleId :

BP-F10MSD

Tgt Ion: 79 Resp: 182192
Ion Ratio Lower Upper
79 100
108 84.1 66.1 99.1
77 65.7 53.1 79.7

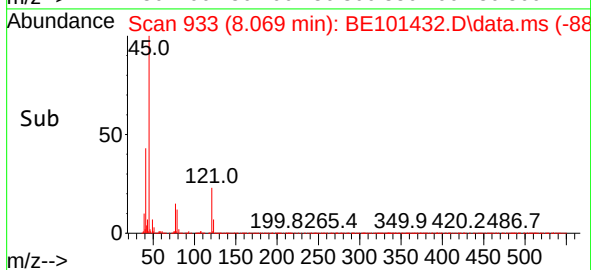
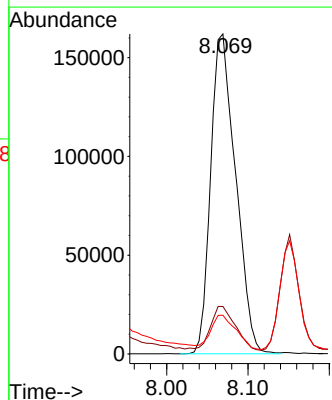
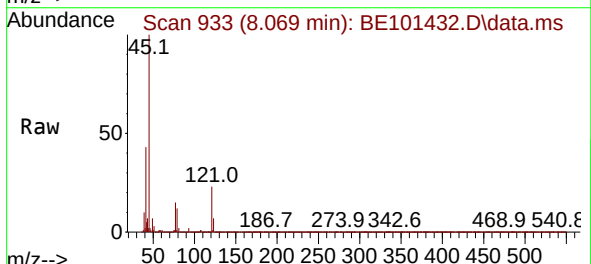
Manual Integrations
APPROVED

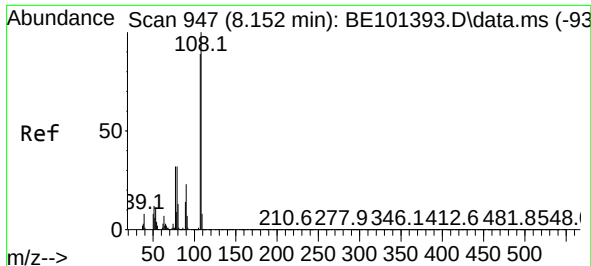
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.047 ng
RT: 8.069 min Scan# 933
Delta R.T. -0.013 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

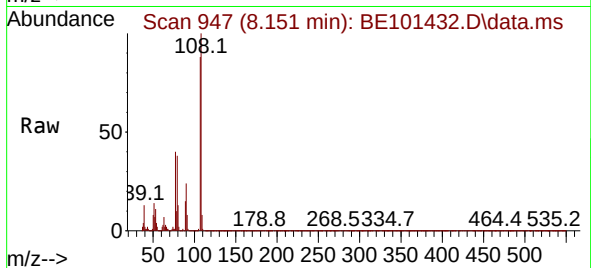
Tgt Ion: 45 Resp: 345620
Ion Ratio Lower Upper
45 100
77 14.9 0.0 34.5
79 12.1 0.0 31.8





#17
2-Methylphenol
Concen: 50.332 ng
RT: 8.151 min Scan# 947
Delta R.T. -0.001 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

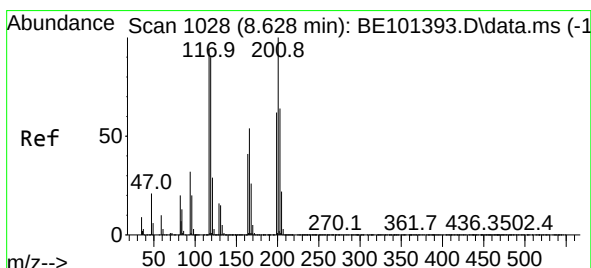
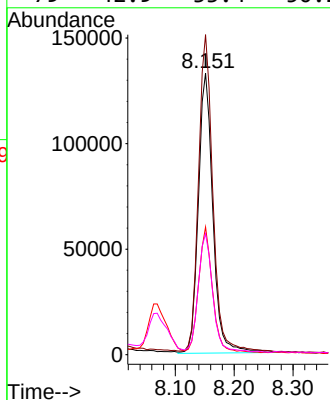
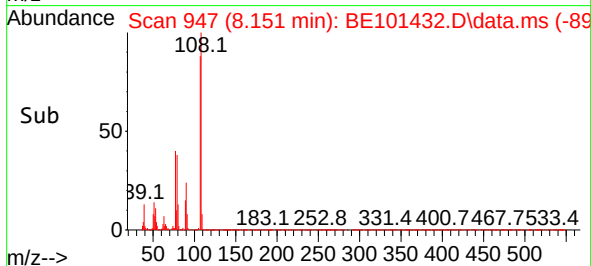
Instrument :
BNA_E
ClientSampleId :
BP-F10MSD



Tgt Ion:	107	Resp:	22787
Ion Ratio	Lower	Upper	
107	100		
108	113.6	90.0	135.0
77	45.3	34.2	51.4
79	42.9	33.4	50.2

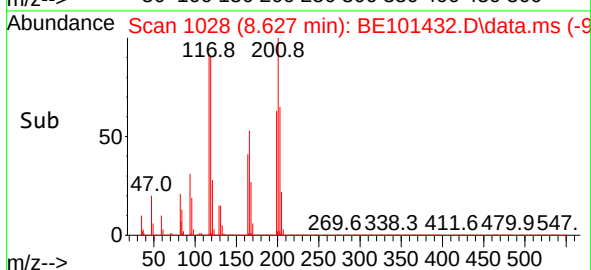
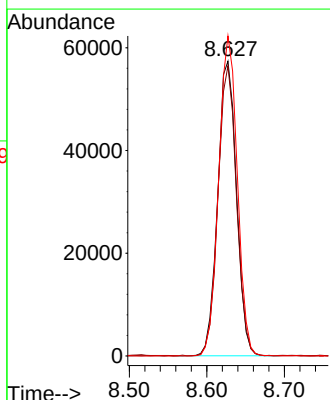
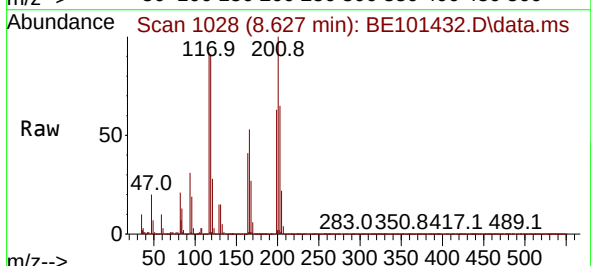
Manual Integrations
APPROVED

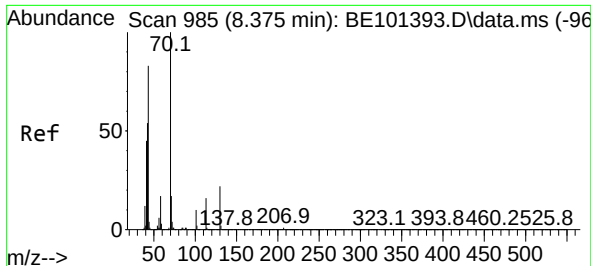
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#18
Hexachloroethane
Concen: 50.393 ng
RT: 8.627 min Scan# 1028
Delta R.T. -0.001 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

Tgt Ion:	117	Resp:	96635
Ion Ratio	Lower	Upper	
117	100		
119	98.4	77.0	115.4
201	108.6	85.3	127.9





#19

n-Nitroso-di-n-propylamine

Concen: 48.861 ng

RT: 8.369 min Scan# 91

Delta R.T. -0.007 min

Lab File: BE101432.D

Acq: 31 Oct 2024 14:38

Instrument :

BNA_E

ClientSampleId :

BP-F10MSD

Tgt Ion: 70 Resp: 199890

Ion Ratio Lower Upper

70 100

42 54.3 43.4 65.0

101 9.5 8.1 12.1

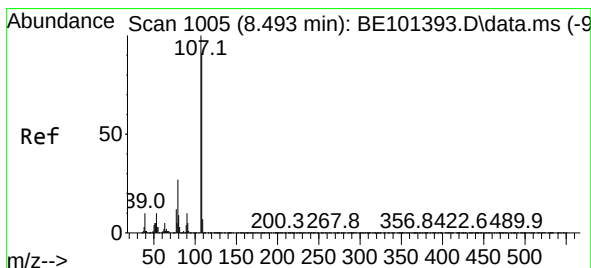
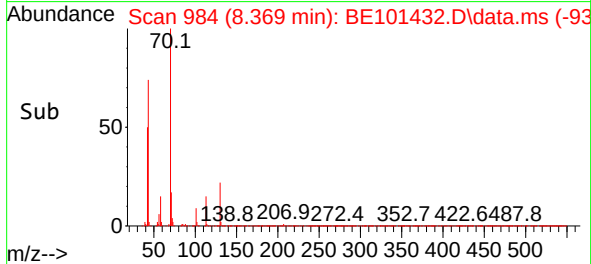
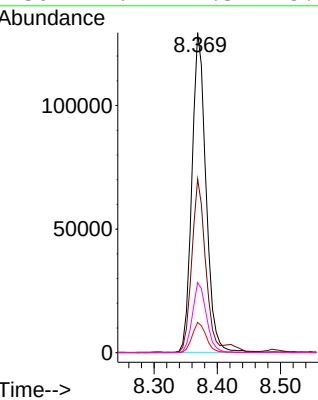
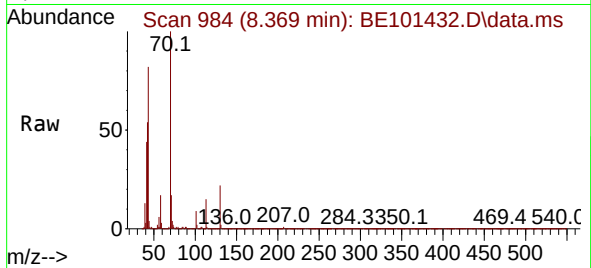
130 21.9 17.3 25.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#20

3+4-Methylphenols

Concen: 50.976 ng

RT: 8.486 min Scan# 1004

Delta R.T. -0.007 min

Lab File: BE101432.D

Acq: 31 Oct 2024 14:38

Tgt Ion:107 Resp: 318576

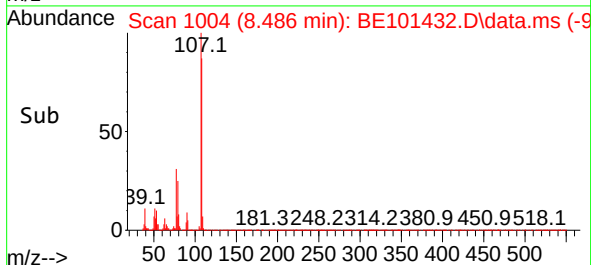
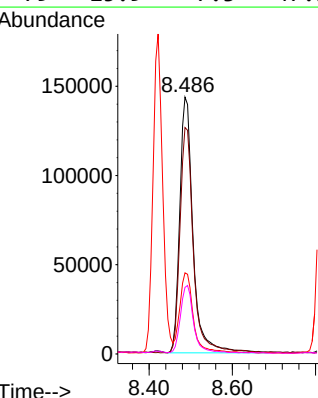
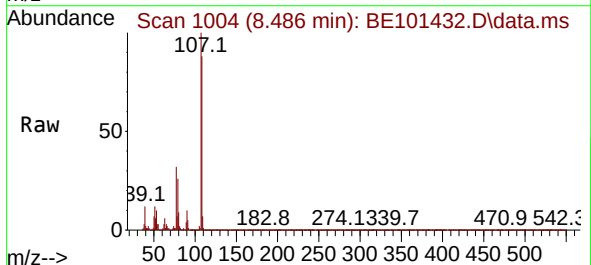
Ion Ratio Lower Upper

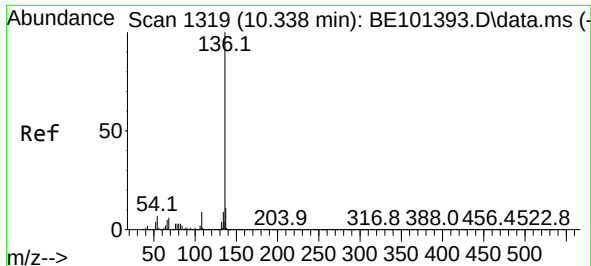
107 100

108 88.2 70.6 110.6

77 31.6 11.3 51.3

79 25.9 7.3 47.3





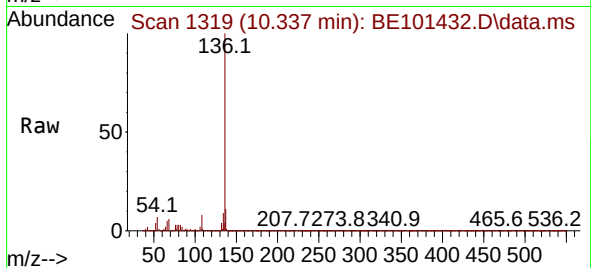
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.337 min Scan# 1319
Delta R.T. -0.001 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

Instrument :

BNA_E

ClientSampleId :

BP-F10MSD



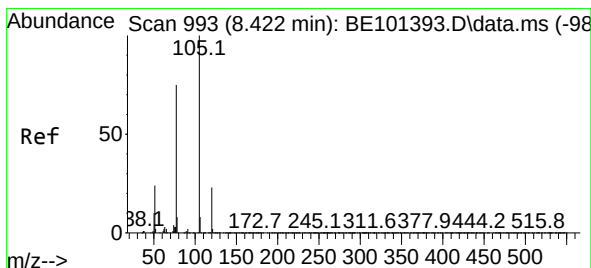
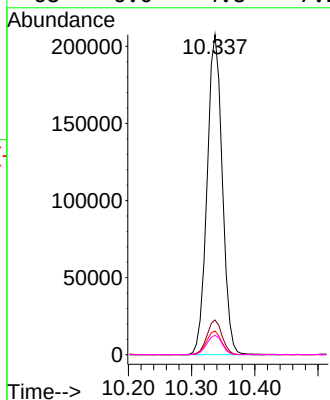
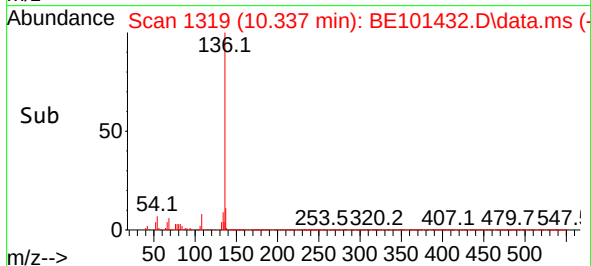
Tgt Ion:136 Resp: 346108
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 7.4 5.9 8.9
68 6.0 4.8 7.2

Manual Integrations

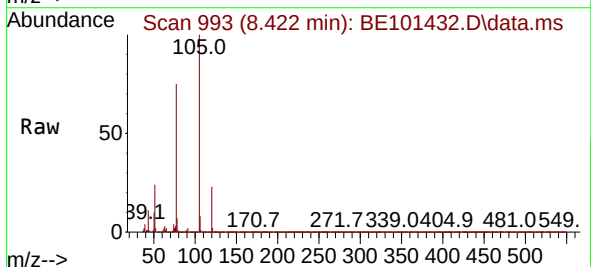
APPROVED

Reviewed By :Yogesh Patel 11/04/2024

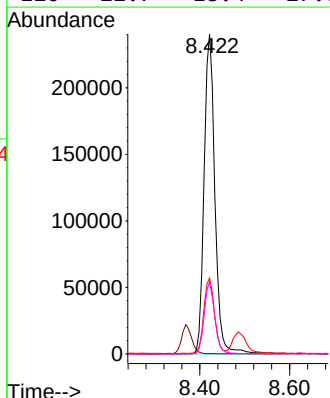
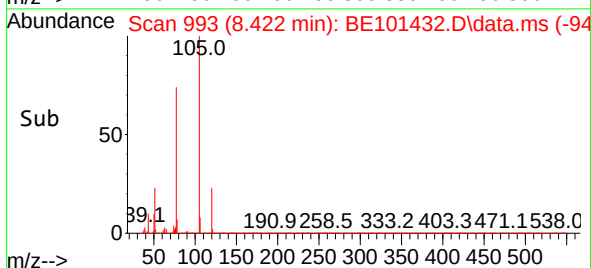
Supervised By :mohammad ahmed 11/04/2024

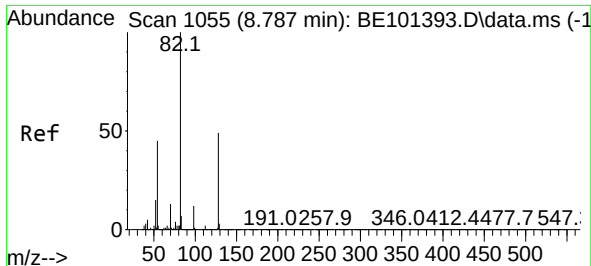


#22
Acetophenone
Concen: 51.008 ng
RT: 8.422 min Scan# 993
Delta R.T. -0.001 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38



Tgt Ion:105 Resp: 400853
Ion Ratio Lower Upper
105 100
71 0.1 0.1 0.1
51 23.7 19.4 29.0
120 22.7 18.4 27.6





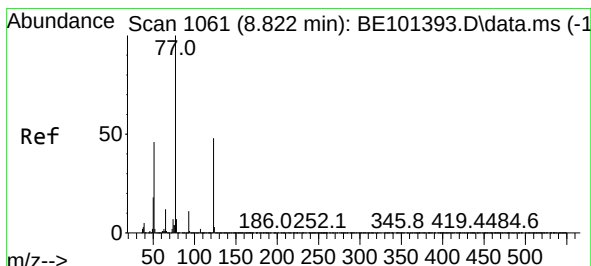
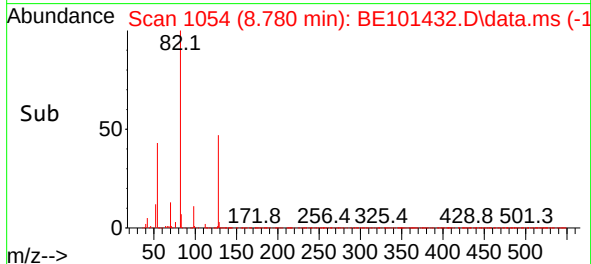
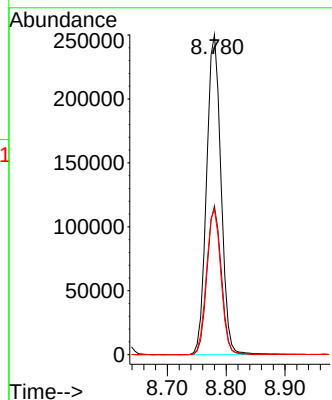
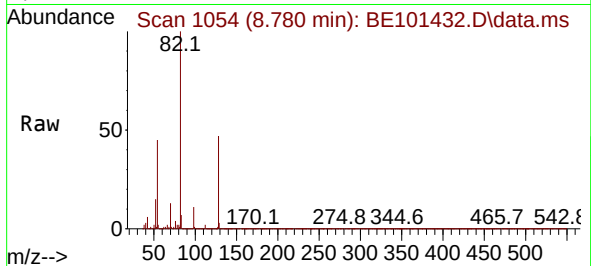
#23
Nitrobenzene-d5
Concen: 77.378 ng
RT: 8.780 min Scan# 1055
Delta R.T. -0.007 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

Instrument :
BNA_E
ClientSampleId :
BP-F10MSD

Tgt Ion: 82 Resp: 426388
Ion Ratio Lower Upper
82 100
128 46.5 38.9 58.3
54 45.3 36.2 54.4

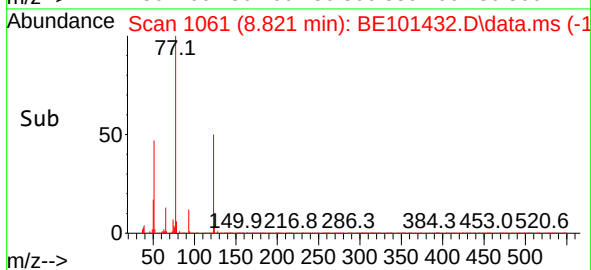
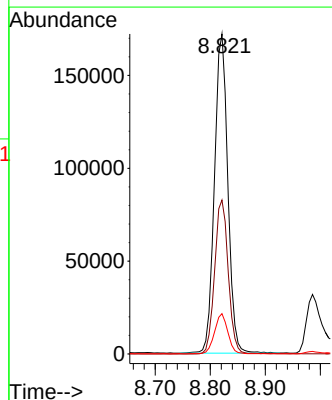
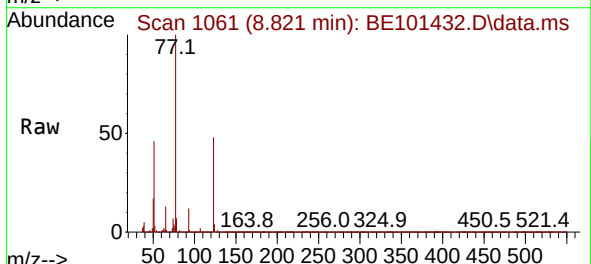
Manual Integrations
APPROVED

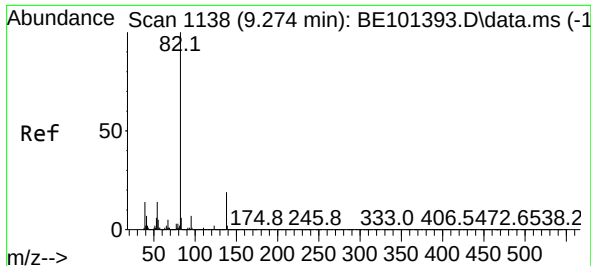
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#24
Nitrobenzene
Concen: 49.609 ng
RT: 8.821 min Scan# 1061
Delta R.T. -0.001 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

Tgt Ion: 77 Resp: 290958
Ion Ratio Lower Upper
77 100
123 48.1 38.7 58.1
65 12.6 10.0 15.0





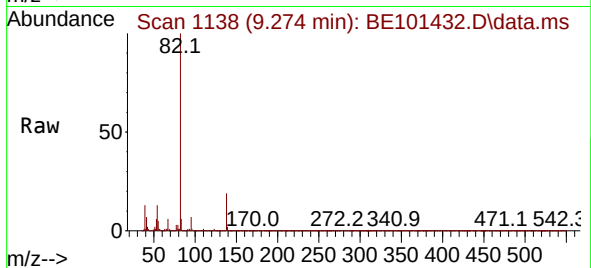
#25
Isophorone
Concen: 51.815 ng
RT: 9.274 min Scan# 1138
Delta R.T. -0.001 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

Instrument :

BNA_E

ClientSampleId :

BP-F10MSD



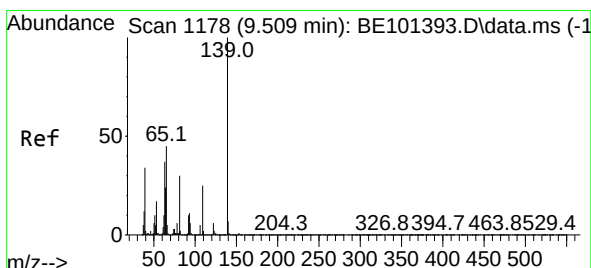
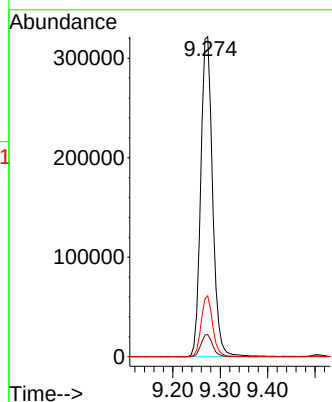
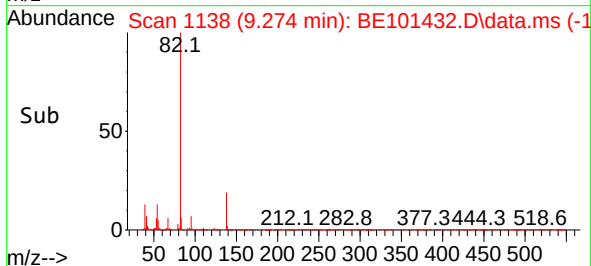
Tgt Ion: 82 Resp: 557170
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 19.0 15.0 22.4

Manual Integrations

APPROVED

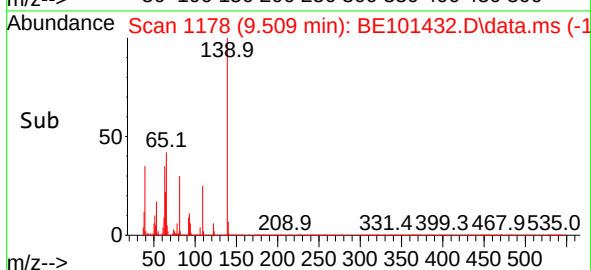
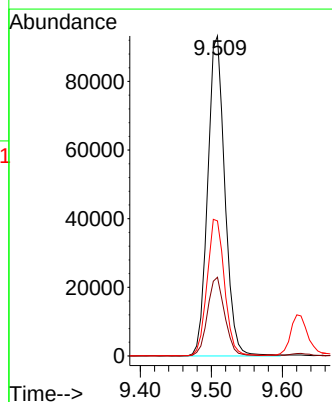
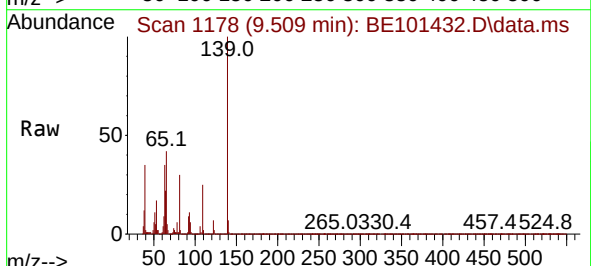
Reviewed By :Yogesh Patel 11/04/2024

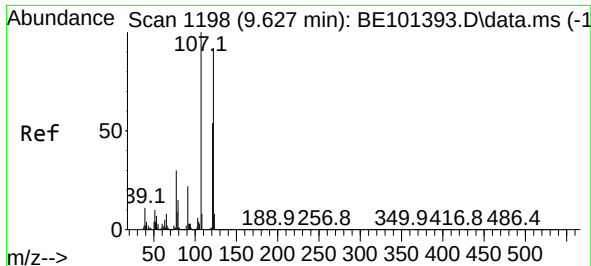
Supervised By :mohammad ahmed 11/04/2024



#26
2-Nitrophenol
Concen: 55.038 ng
RT: 9.509 min Scan# 1178
Delta R.T. -0.001 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

Tgt Ion:139 Resp: 156017
Ion Ratio Lower Upper
139 100
109 24.6 20.1 30.1
65 42.2 36.0 54.0





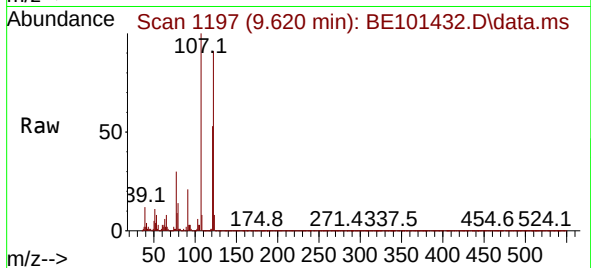
#27
2,4-Dimethylphenol
Concen: 66.819 ng
RT: 9.620 min Scan# 1198
Delta R.T. -0.007 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

Instrument :

BNA_E

ClientSampleId :

BP-F10MSD



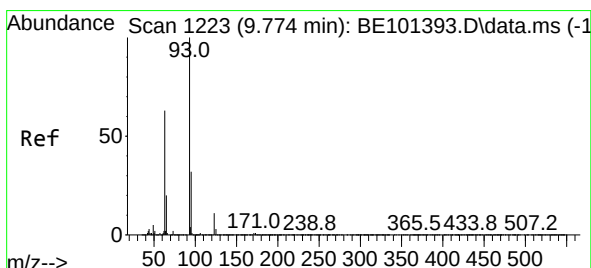
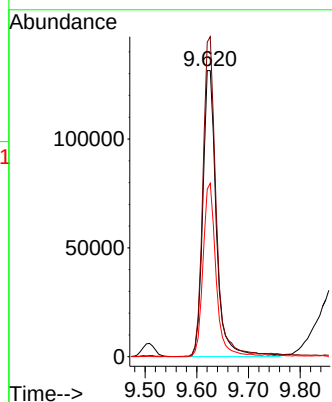
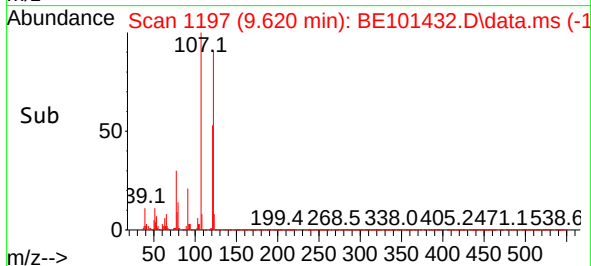
Tgt Ion: 122 Resp: 238349
Ion Ratio Lower Upper
122 100
107 109.9 87.4 131.0
121 58.6 47.4 71.0

Manual Integrations

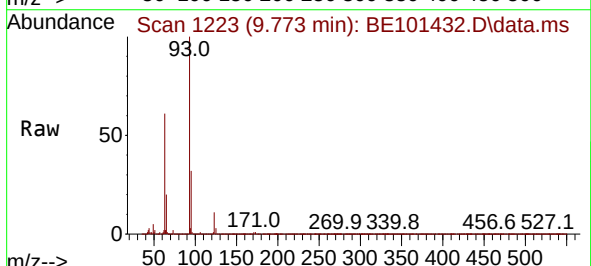
APPROVED

Reviewed By :Yogesh Patel 11/04/2024

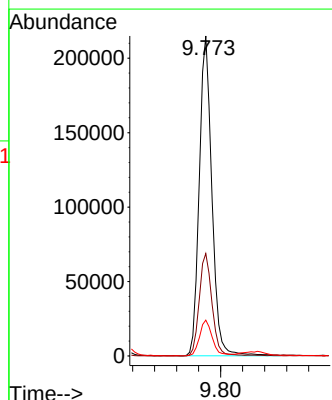
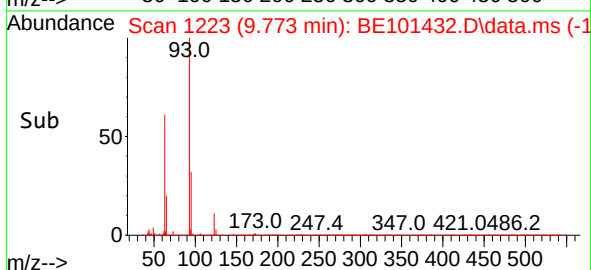
Supervised By :mohammad ahmed 11/04/2024

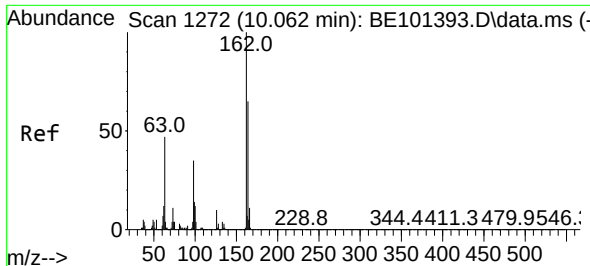


#28
bis(2-Chloroethoxy)methane
Concen: 52.595 ng
RT: 9.773 min Scan# 1223
Delta R.T. -0.001 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38



Tgt Ion: 93 Resp: 342982
Ion Ratio Lower Upper
93 100
95 32.0 25.8 38.6
123 11.2 8.6 13.0





#29
2,4-Dichlorophenol
Concen: 57.118 ng
RT: 10.055 min Scan# 1271
Delta R.T. -0.007 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

Instrument :

BNA_E

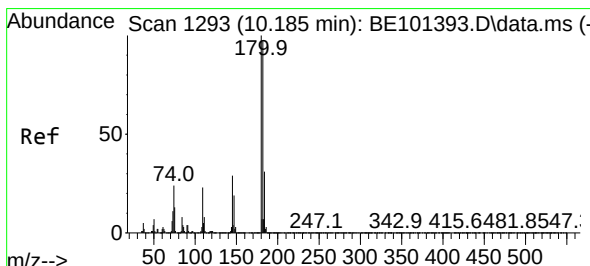
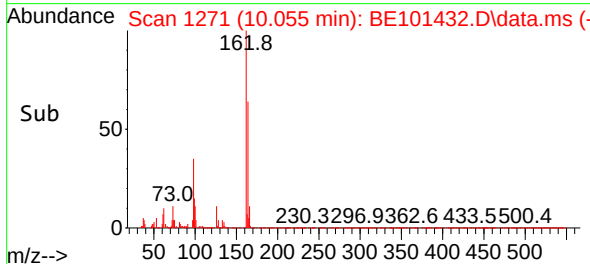
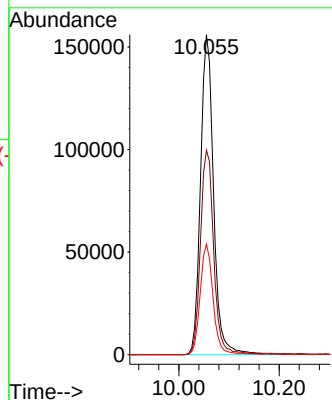
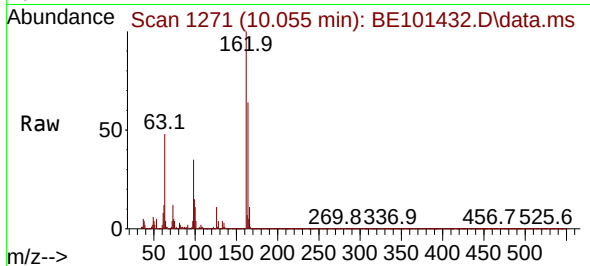
ClientSampleId :

BP-F10MSD

Tgt Ion:162 Resp: 281860
Ion Ratio Lower Upper
162 100
164 63.9 45.4 85.4
98 34.6 14.5 54.5

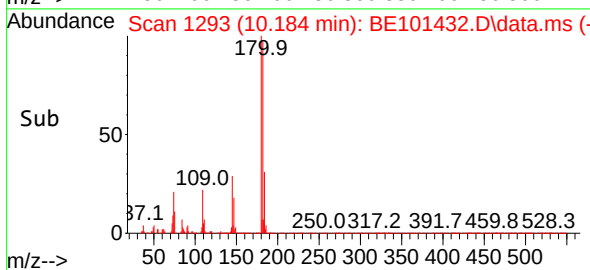
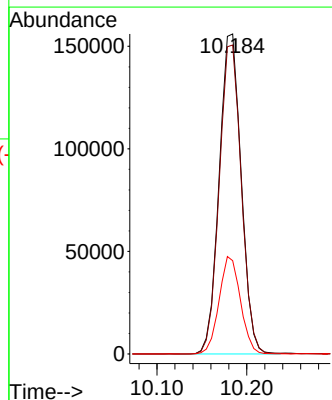
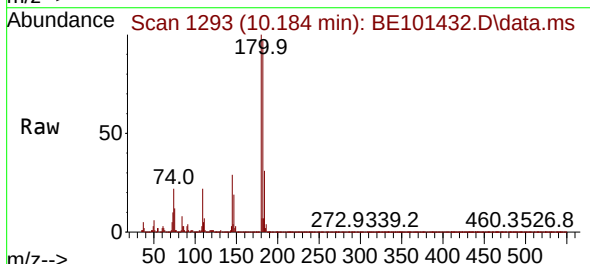
Manual Integrations
APPROVED

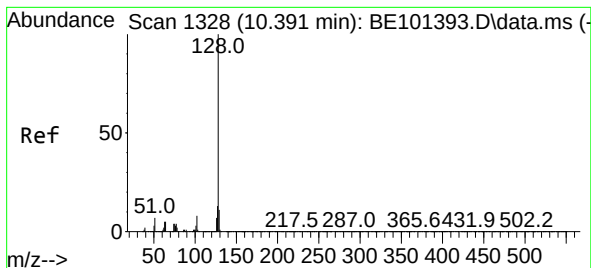
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#30
1,2,4-Trichlorobenzene
Concen: 49.379 ng
RT: 10.184 min Scan# 1293
Delta R.T. -0.001 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

Tgt Ion:180 Resp: 265453
Ion Ratio Lower Upper
180 100
182 96.6 77.4 116.0
145 29.2 23.3 34.9





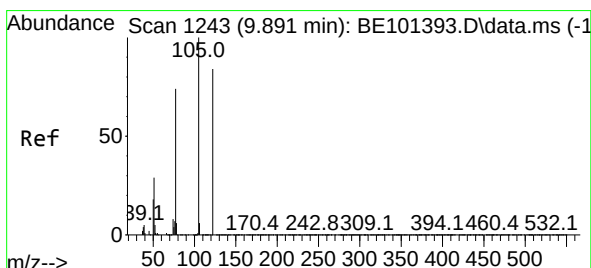
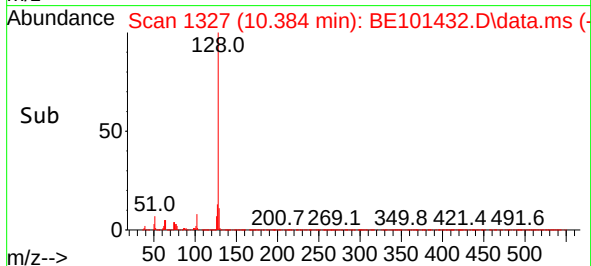
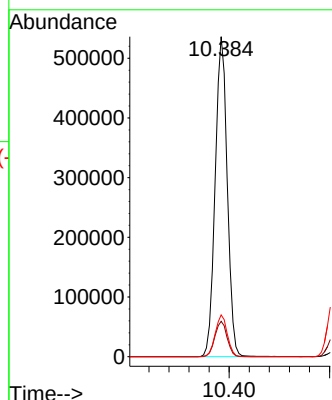
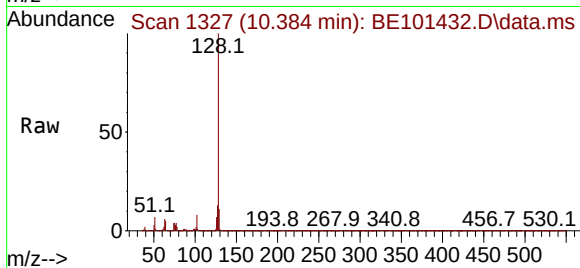
#31
Naphthalene
Concen: 50.574 ng
RT: 10.384 min Scan# 11
Delta R.T. -0.007 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

Instrument :
BNA_E
ClientSampleId :
BP-F10MSD

Tgt Ion:128 Resp: 89199
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.0 10.3 15.5

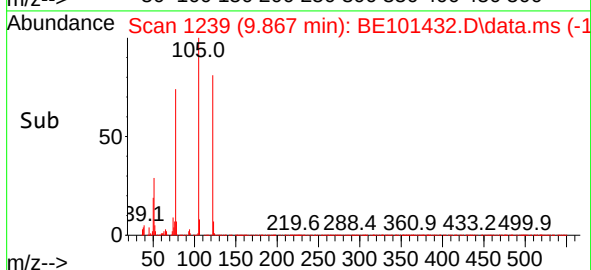
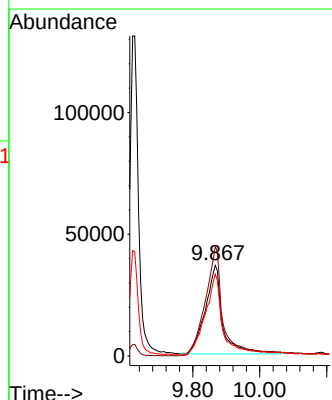
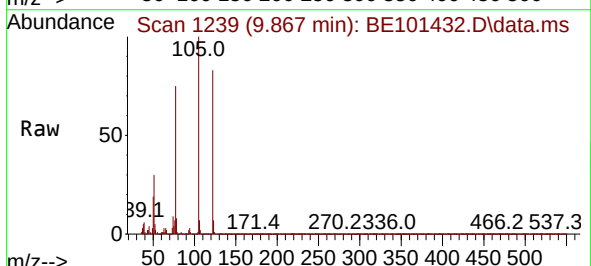
Manual Integrations
APPROVED

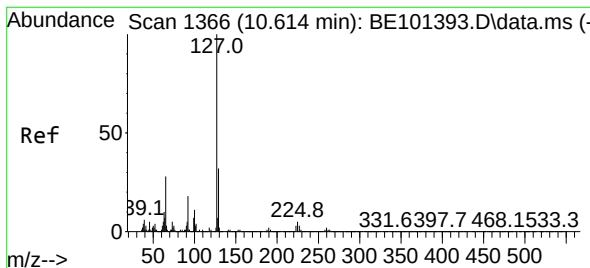
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#32
Benzoic acid
Concen: 37.734 ng
RT: 9.867 min Scan# 1239
Delta R.T. -0.024 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

Tgt Ion:122 Resp: 130683
Ion Ratio Lower Upper
122 100
105 121.0 97.9 137.9
77 90.2 68.1 108.1





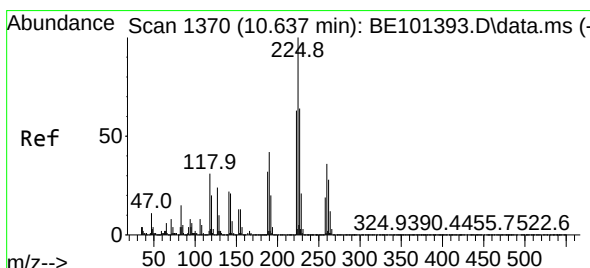
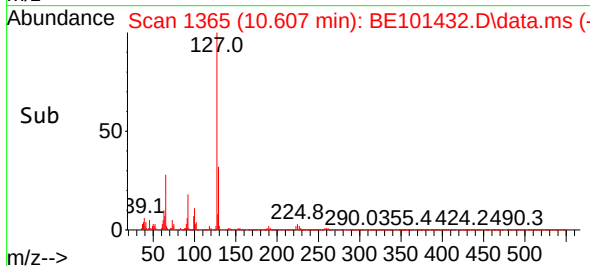
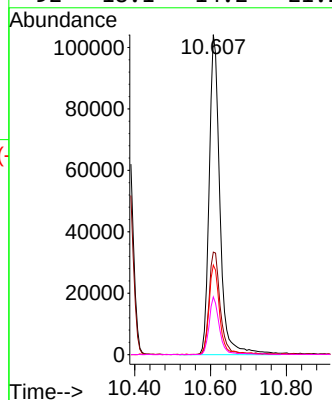
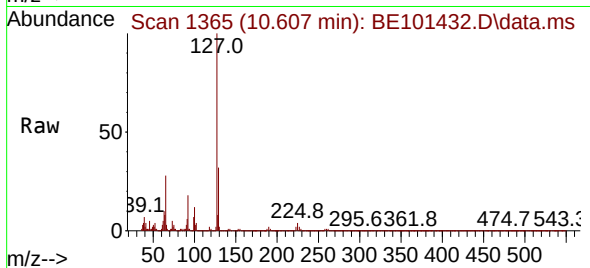
#33
4-Chloroaniline
Concen: 33.197 ng
RT: 10.607 min Scan# 1365
Delta R.T. -0.007 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

Instrument :
BNA_E
ClientSampleId :
BP-F10MSD

Tgt Ion:	127	Resp:	203600
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.7	38.5
65	28.0	22.2	33.4
92	18.1	14.2	21.2

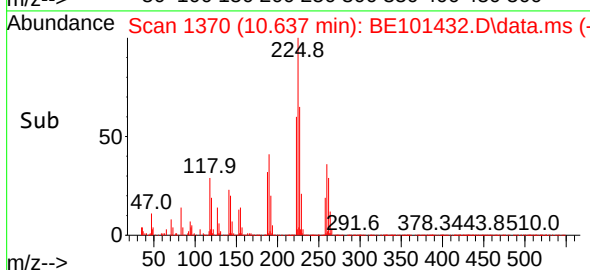
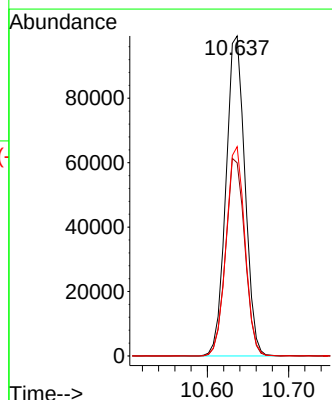
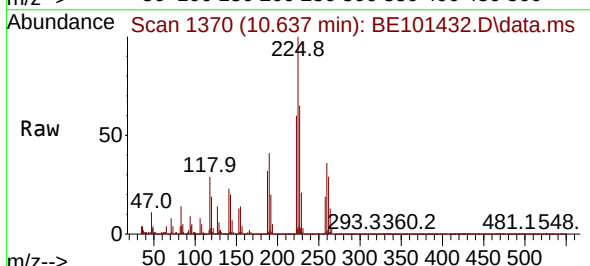
Manual Integrations
APPROVED

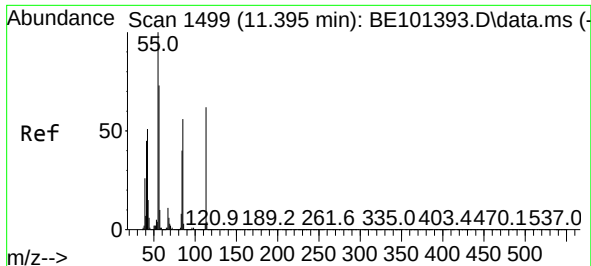
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#34
Hexachlorobutadiene
Concen: 50.701 ng
RT: 10.637 min Scan# 1370
Delta R.T. -0.001 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

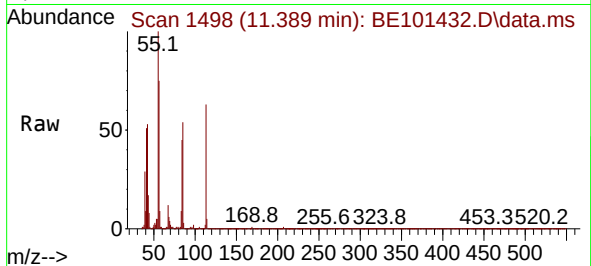
Tgt Ion:	225	Resp:	161334
Ion	Ratio	Lower	Upper
225	100		
223	60.4	50.5	75.7
227	65.4	51.0	76.6





#35
Caprolactam
Concen: 55.893 ng m
RT: 11.389 min Scan# 1499
Delta R.T. -0.007 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

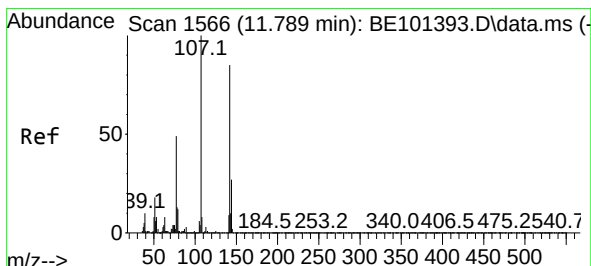
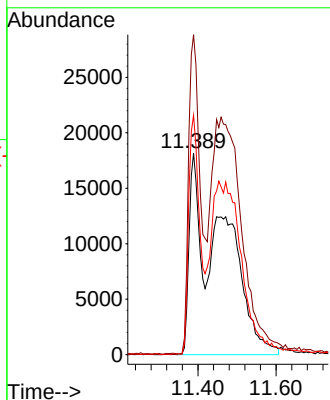
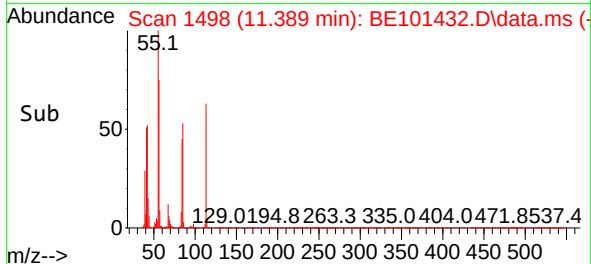
Instrument :
BNA_E
ClientSampleId :
BP-F10MSD



Tgt Ion:113 Resp: 105728
Ion Ratio Lower Upper
113 100
55 158.7 141.2 181.2
56 118.8 96.9 136.9

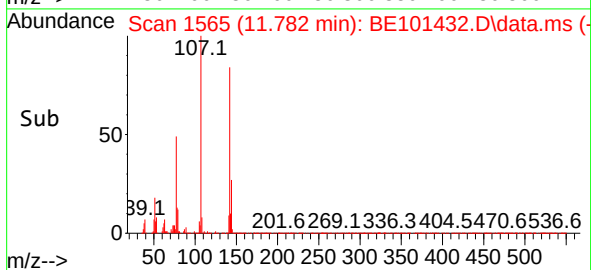
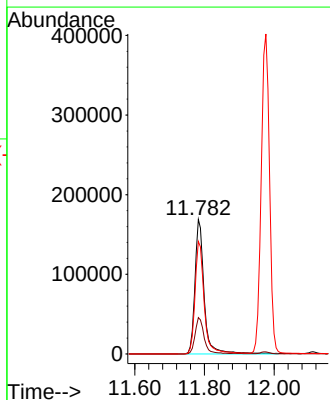
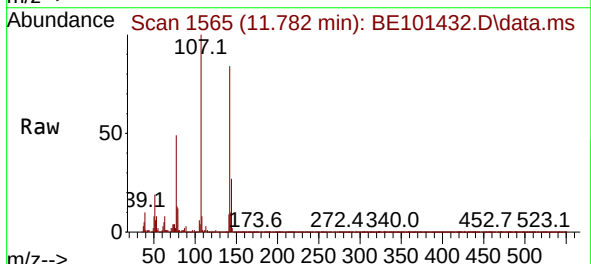
Manual Integrations
APPROVED

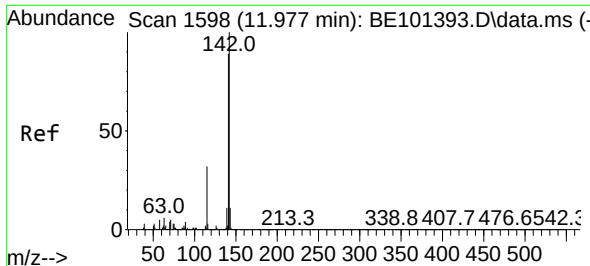
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#36
4-Chloro-3-methylphenol
Concen: 55.449 ng
RT: 11.782 min Scan# 1565
Delta R.T. -0.007 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

Tgt Ion:107 Resp: 311554
Ion Ratio Lower Upper
107 100
144 27.0 21.9 32.9
142 83.7 68.0 102.0





#37
2-Methylnaphthalene
Concen: 52.134 ng
RT: 11.976 min Scan# 1598
Delta R.T. -0.001 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

Instrument :

BNA_E

ClientSampleId :

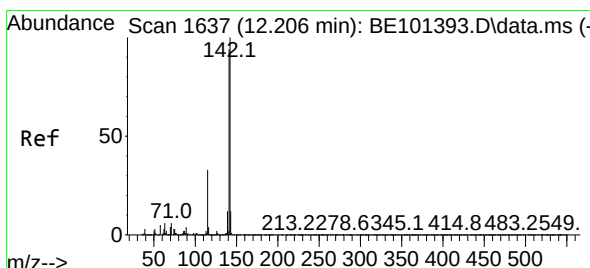
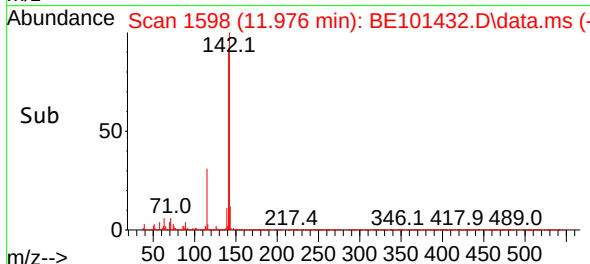
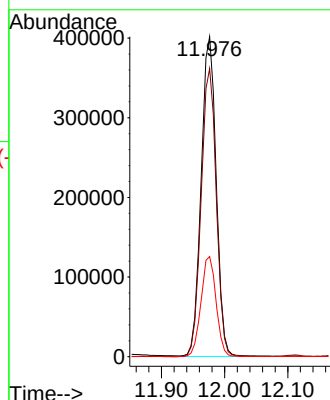
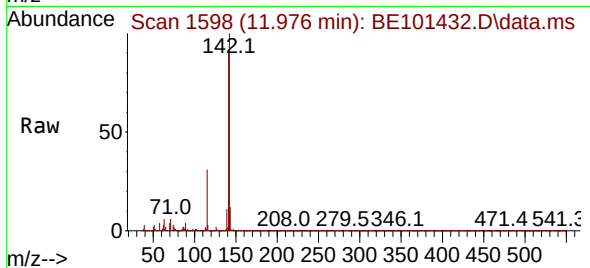
BP-F10MSD

Tgt Ion:142 Resp: 662460
Ion Ratio Lower Upper
142 100
141 90.0 71.4 107.2
115 31.3 25.6 38.4

Manual Integrations

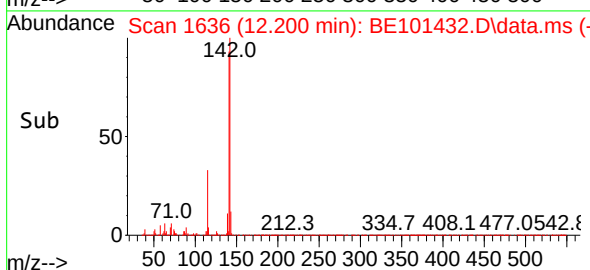
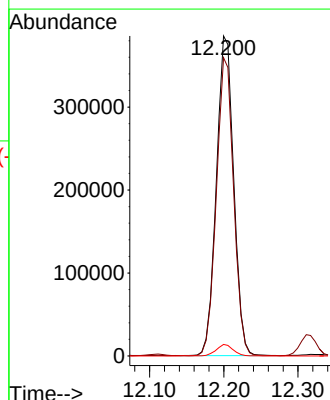
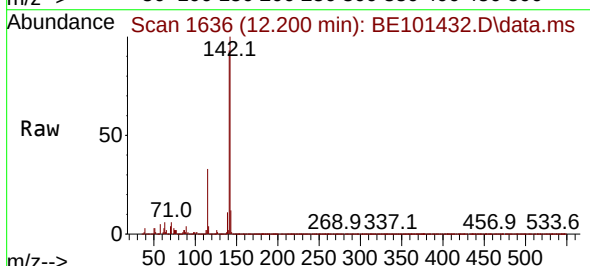
APPROVED

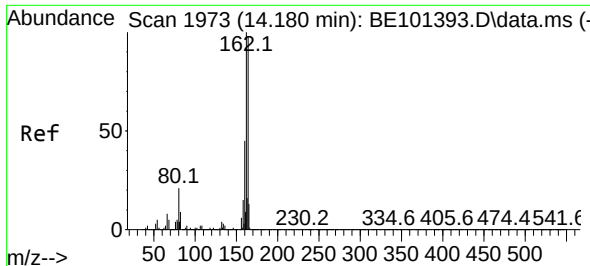
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#38
1-Methylnaphthalene
Concen: 49.277 ng
RT: 12.200 min Scan# 1636
Delta R.T. -0.007 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

Tgt Ion:142 Resp: 624926
Ion Ratio Lower Upper
142 100
141 93.2 75.0 112.4
116 3.6 2.9 4.3





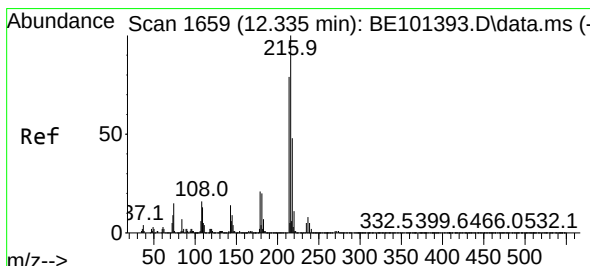
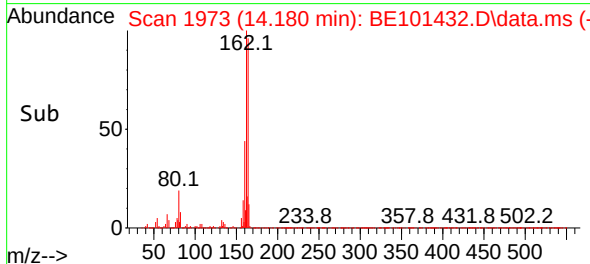
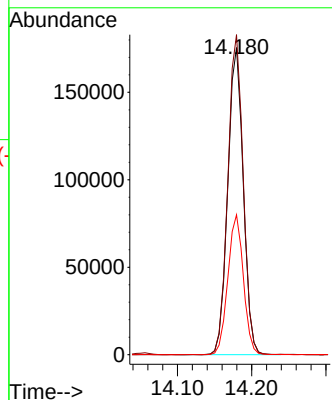
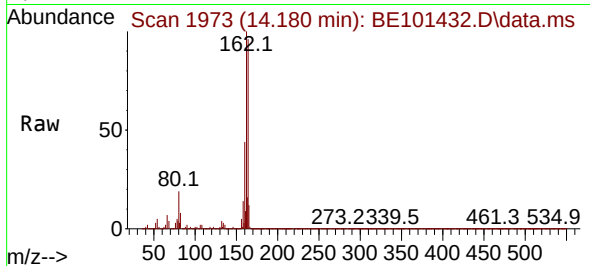
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.180 min Scan# 1973
Delta R.T. -0.001 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

Instrument :
BNA_E
ClientSampleId :
BP-F10MSD

Tgt Ion:164 Resp: 253658
Ion Ratio Lower Upper
164 100
162 104.2 81.3 121.9
160 45.6 36.4 54.6

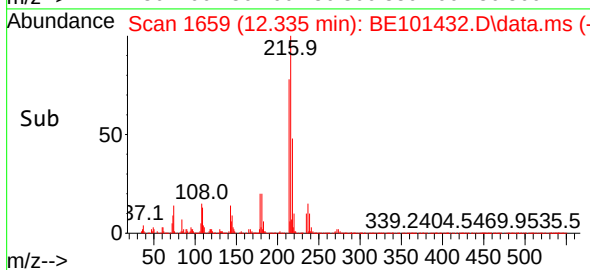
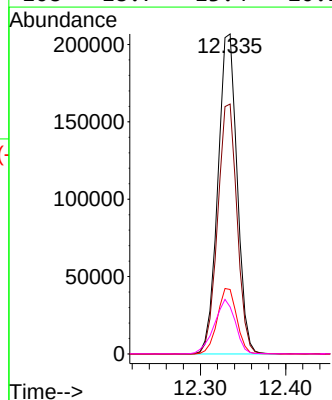
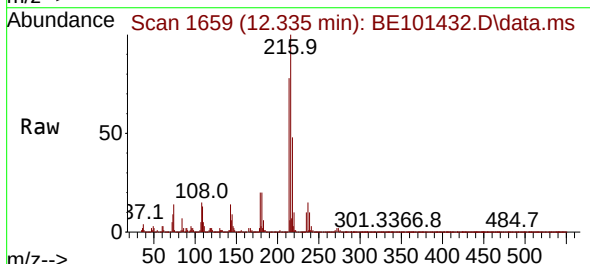
Manual Integrations
APPROVED

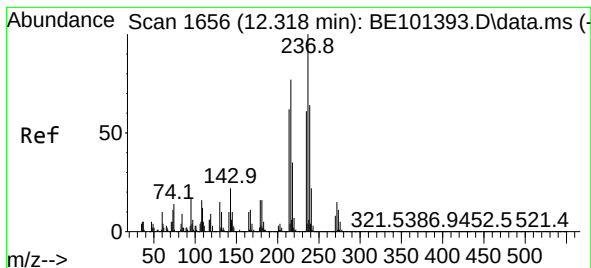
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.902 ng
RT: 12.335 min Scan# 1659
Delta R.T. -0.001 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

Tgt Ion:216 Resp: 324128
Ion Ratio Lower Upper
216 100
214 78.7 63.0 94.4
179 20.7 16.7 25.1
108 18.7 13.4 20.2





#41

Hexachlorocyclopentadiene

Concen: 176.374 ng

RT: 12.317 min Scan# 1

Delta R.T. -0.001 min

Lab File: BE101432.D

Acq: 31 Oct 2024 14:38

Instrument :

BNA_E

ClientSampleId :

BP-F10MSD

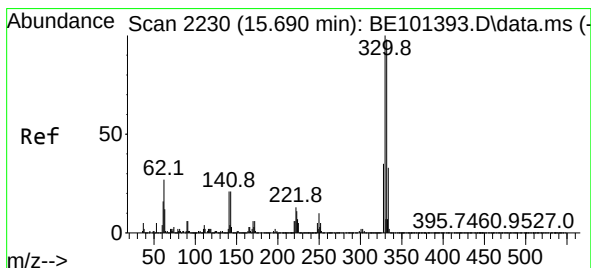
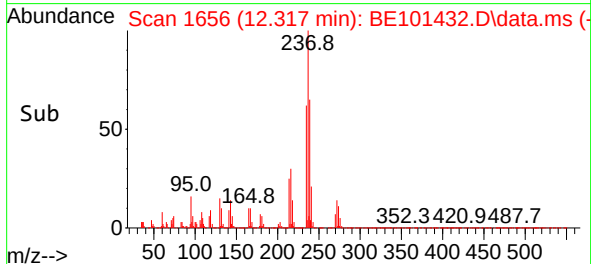
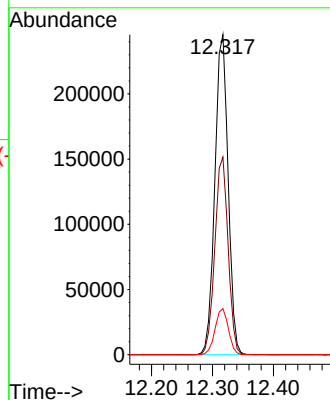
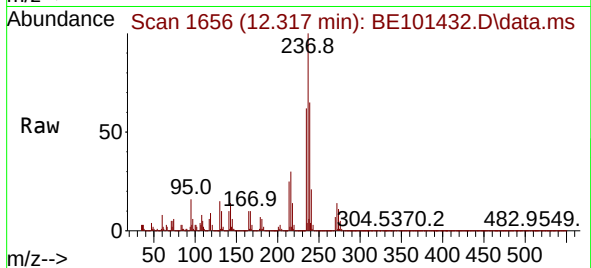
Tgt Ion:	237	Resp:	37091
Ion Ratio	Lower	Upper	
237	100		
235	61.7	41.3	81.3
272	14.4	0.0	34.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#42

2,4,6-Tribromophenol

Concen: 138.158 ng

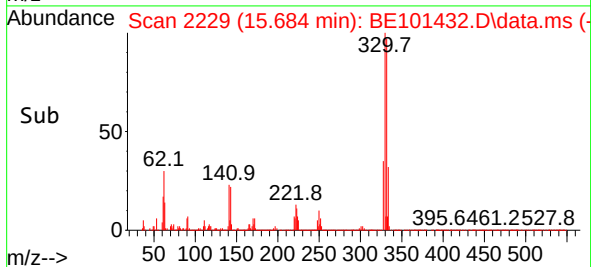
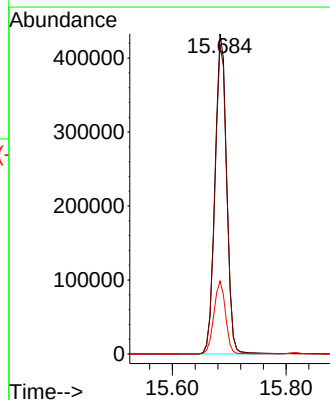
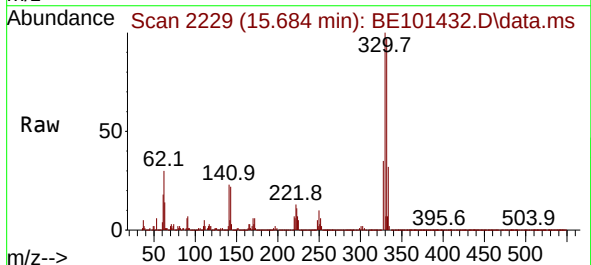
RT: 15.684 min Scan# 2229

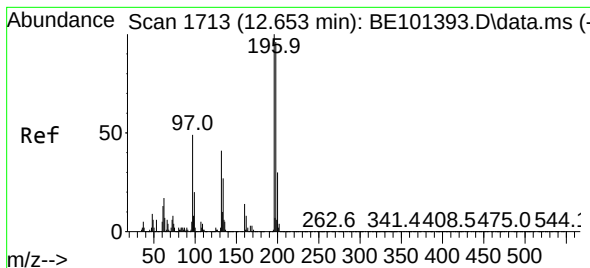
Delta R.T. -0.007 min

Lab File: BE101432.D

Acq: 31 Oct 2024 14:38

Tgt Ion:	330	Resp:	614217
Ion Ratio	Lower	Upper	
330	100		
332	97.4	78.2	117.2
141	22.5	18.3	27.5





#43

2,4,6-Trichlorophenol

Concen: 56.864 ng

RT: 12.652 min Scan# 1713

Delta R.T. -0.001 min

Lab File: BE101432.D

Acq: 31 Oct 2024 14:38

Instrument :

BNA_E

ClientSampleId :

BP-F10MSD

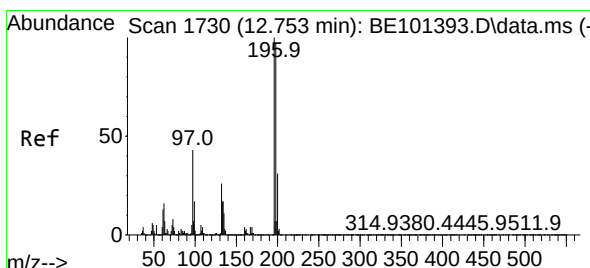
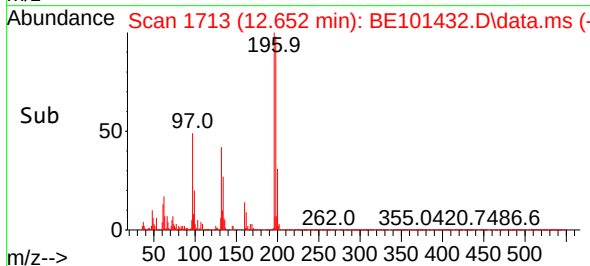
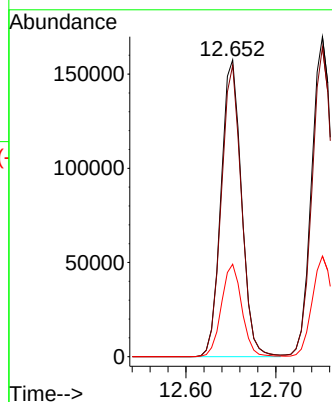
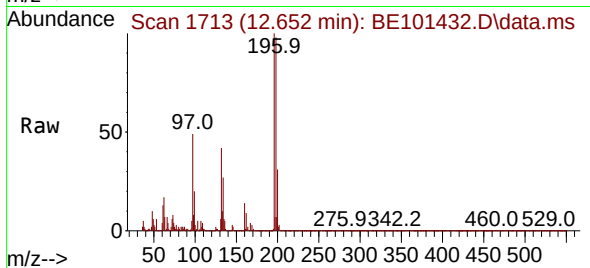
Tgt Ion:196	Resp: 249620
Ion Ratio	Lower Upper
196	100
198	98.2 76.6 115.0
200	31.2 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#44

2,4,5-Trichlorophenol

Concen: 55.769 ng

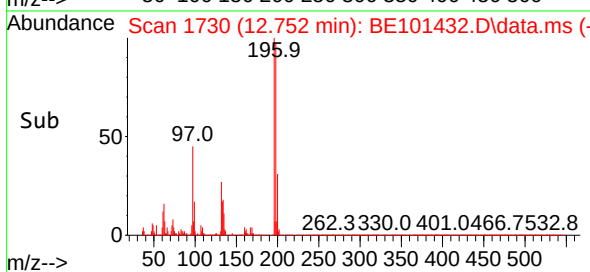
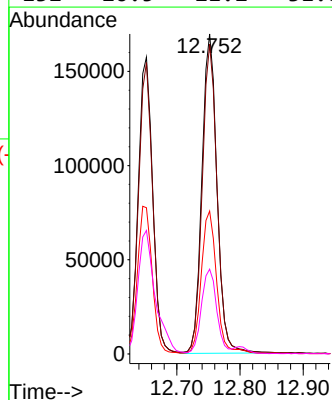
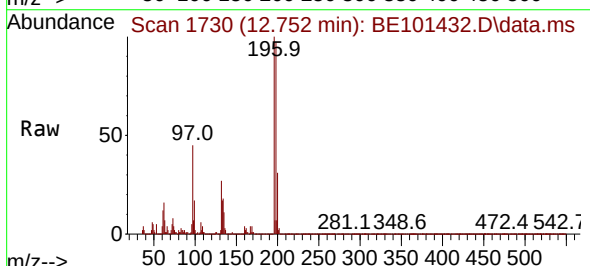
RT: 12.752 min Scan# 1730

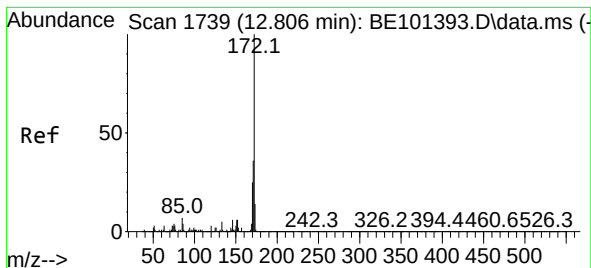
Delta R.T. -0.001 min

Lab File: BE101432.D

Acq: 31 Oct 2024 14:38

Tgt Ion:196	Resp: 280349
Ion Ratio	Lower Upper
196	100
198	96.8 77.4 116.0
97	44.6 34.8 52.2
132	26.5 21.2 31.8





#45

2-Fluorobiphenyl

Concen: 76.392 ng

RT: 12.799 min Scan# 1738

Delta R.T. -0.007 min

Lab File: BE101432.D

Acq: 31 Oct 2024 14:38

Instrument :

BNA_E

ClientSampleId :

BP-F10MSD

Tgt Ion:172 Resp: 114419

Ion Ratio Lower Upper

172 100

171 35.4 29.2 43.8

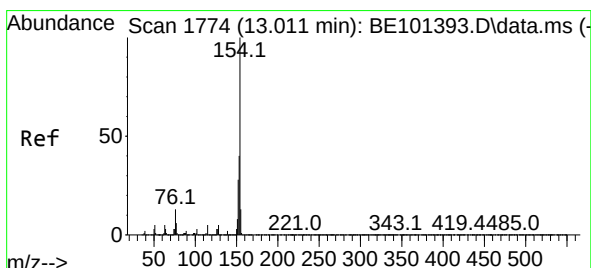
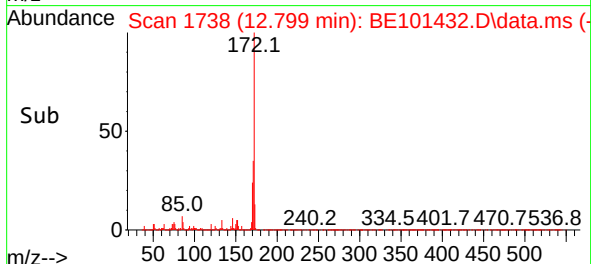
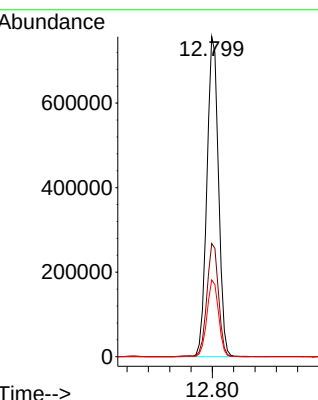
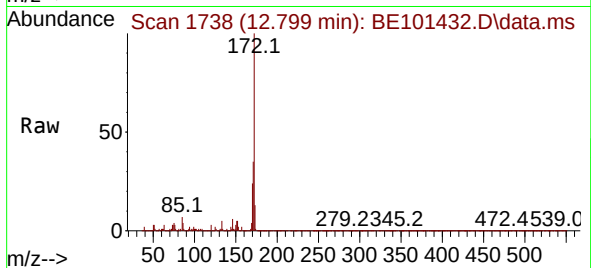
170 24.0 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#46

1,1'-Biphenyl

Concen: 51.151 ng

RT: 13.005 min Scan# 1773

Delta R.T. -0.007 min

Lab File: BE101432.D

Acq: 31 Oct 2024 14:38

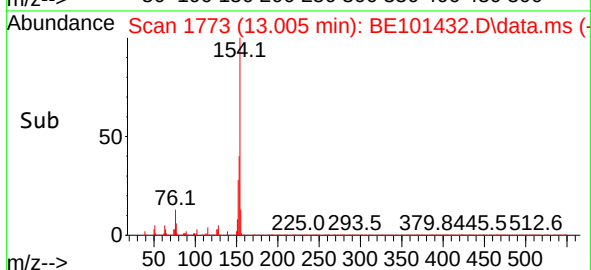
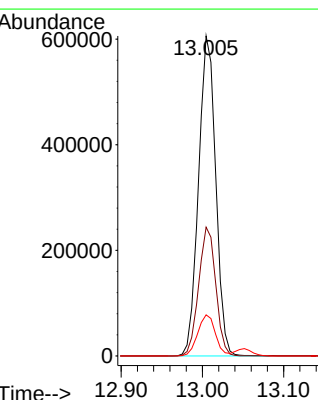
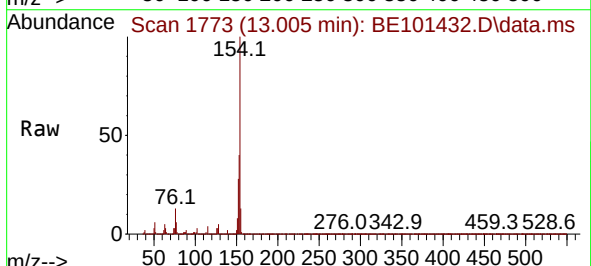
Tgt Ion:154 Resp: 888925

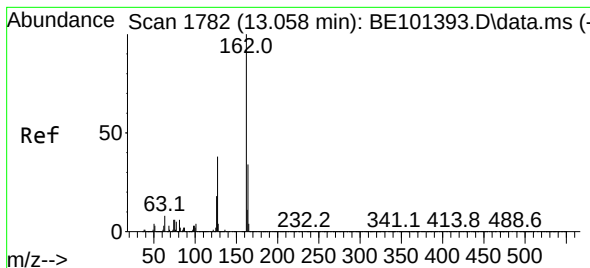
Ion Ratio Lower Upper

154 100

153 40.2 20.3 60.3

76 12.8 0.0 32.6





#47

2-Chloronaphthalene

Concen: 51.141 ng

RT: 13.052 min Scan# 11

Delta R.T. -0.007 min

Lab File: BE101432.D

Acq: 31 Oct 2024 14:38

Instrument :

BNA_E

ClientSampleId :

BP-F10MSD

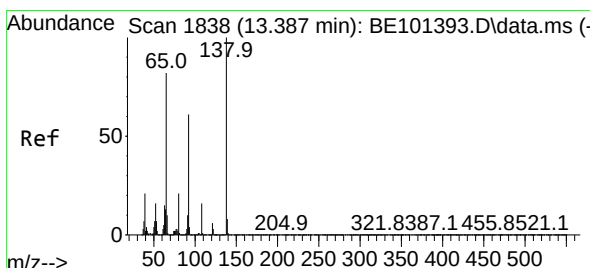
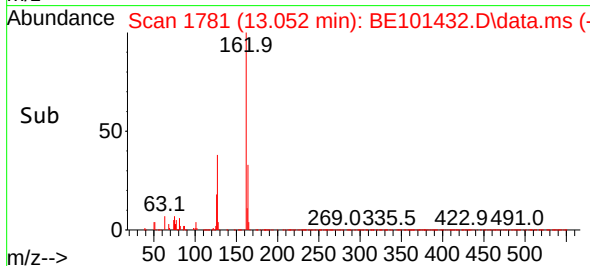
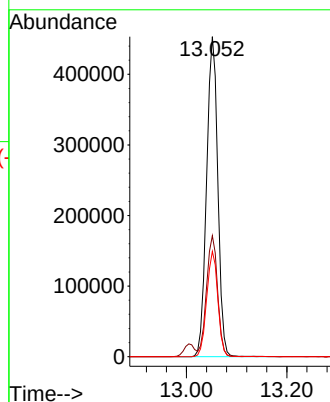
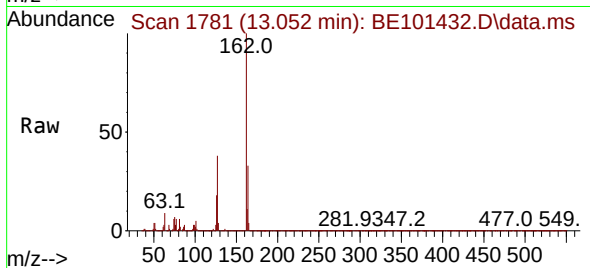
Tgt Ion:	162	Resp:	702150
Ion Ratio	Lower	Upper	
162	100		
127	37.8	30.4	45.6
164	32.9	27.0	40.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#48

2-Nitroaniline

Concen: 58.297 ng

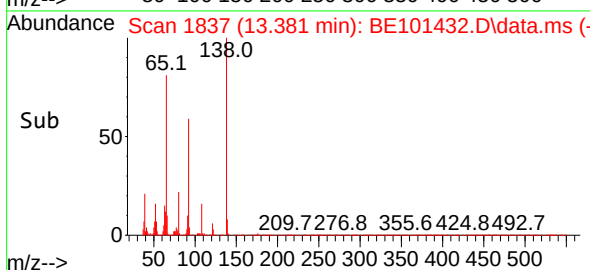
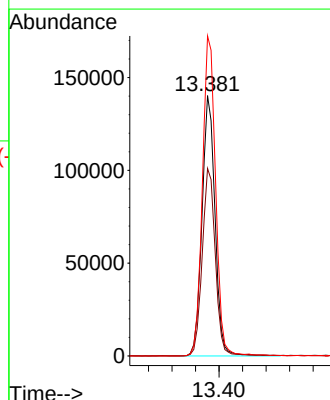
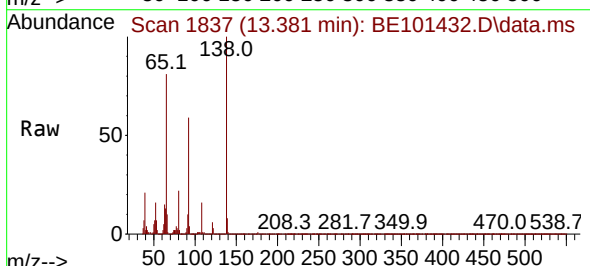
RT: 13.381 min Scan# 1837

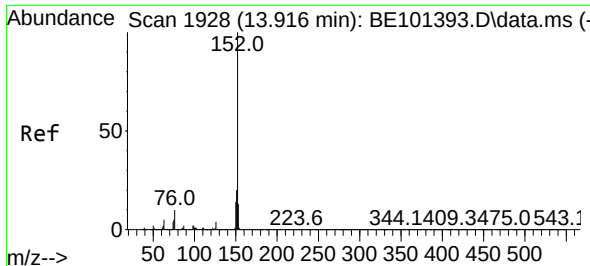
Delta R.T. -0.007 min

Lab File: BE101432.D

Acq: 31 Oct 2024 14:38

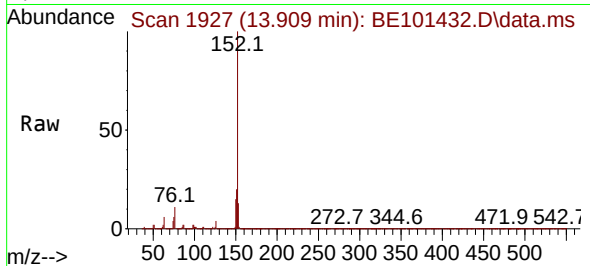
Tgt Ion:	65	Resp:	215406
Ion Ratio	Lower	Upper	
65	100		
92	72.0	59.0	88.4
138	122.9	97.4	146.0





#49
Acenaphthylene
Concen: 57.898 ng
RT: 13.909 min Scan# 1927
Delta R.T. -0.007 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

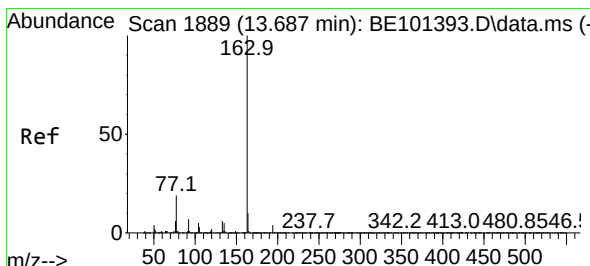
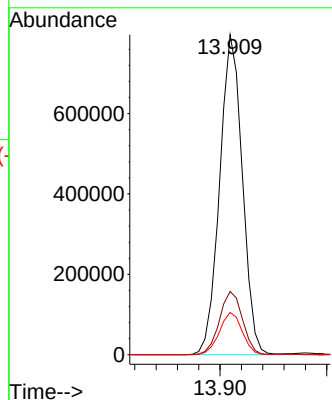
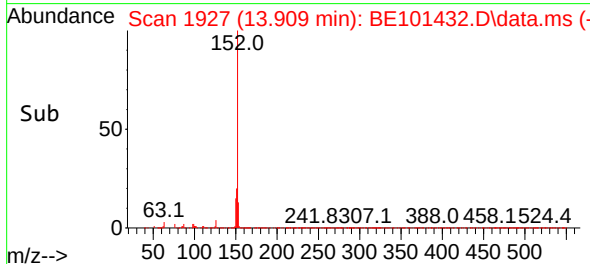
Instrument :
BNA_E
ClientSampleId :
BP-F10MSD



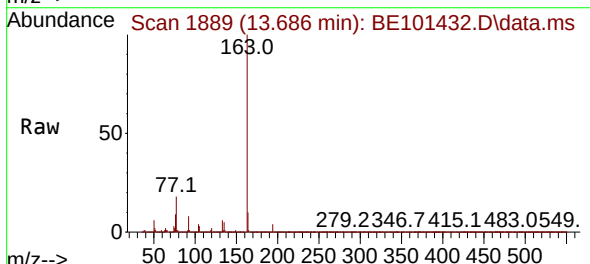
Tgt Ion:152 Resp: 117557
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.4
153 13.2 10.5 15.7

Manual Integrations
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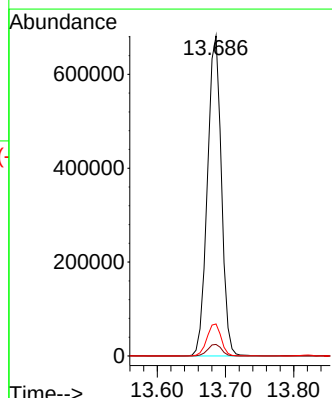
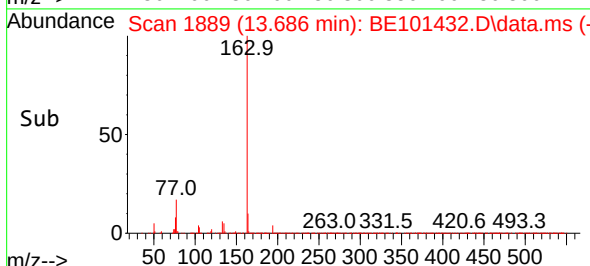
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

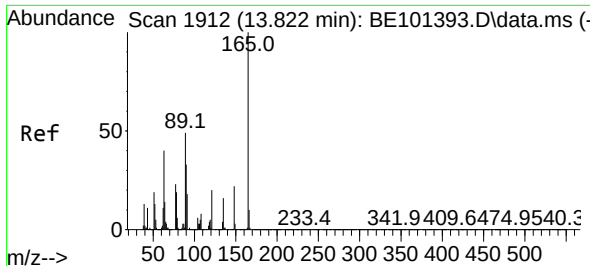


#50
Dimethylphthalate
Concen: 54.245 ng
RT: 13.686 min Scan# 1889
Delta R.T. -0.001 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38



Tgt Ion:163 Resp: 971242
Ion Ratio Lower Upper
163 100
194 3.6 2.9 4.3
164 10.0 8.4 12.6





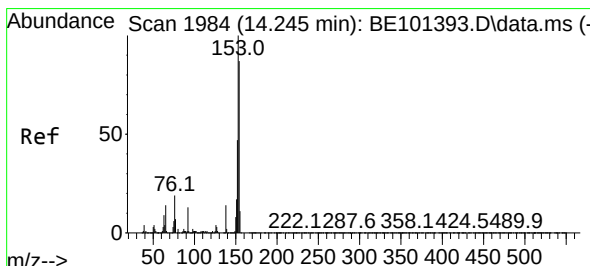
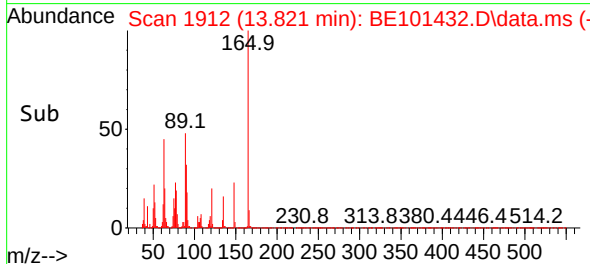
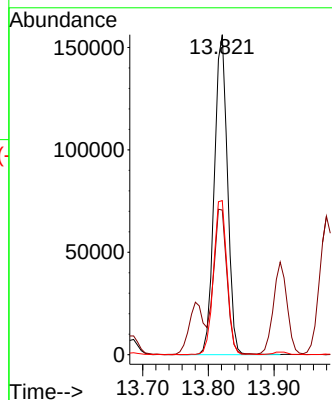
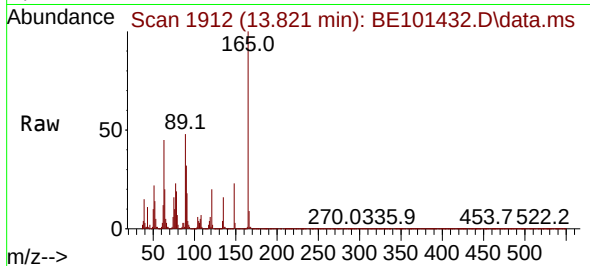
#51
2,6-Dinitrotoluene
Concen: 52.716 ng
RT: 13.821 min Scan# 1912
Delta R.T. -0.001 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

Instrument :
BNA_E
ClientSampleId :
BP-F10MSD

Tgt Ion:165 Resp: 217915
Ion Ratio Lower Upper
165 100
63 45.2 38.0 57.0
89 48.2 39.5 59.3

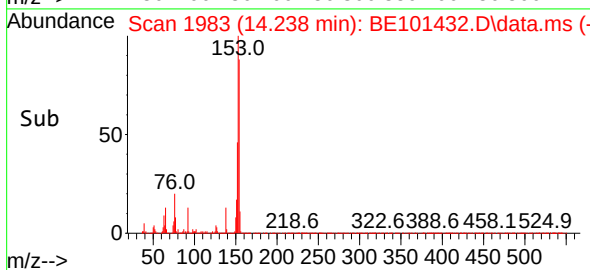
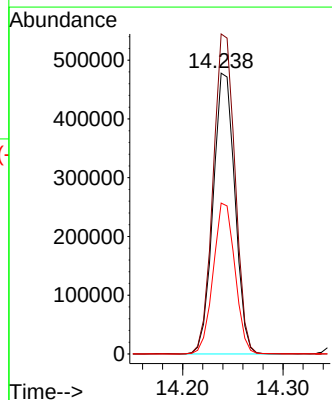
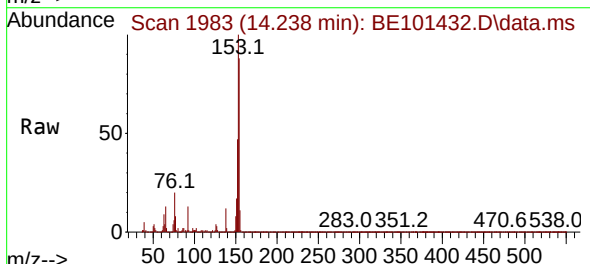
Manual Integrations
APPROVED

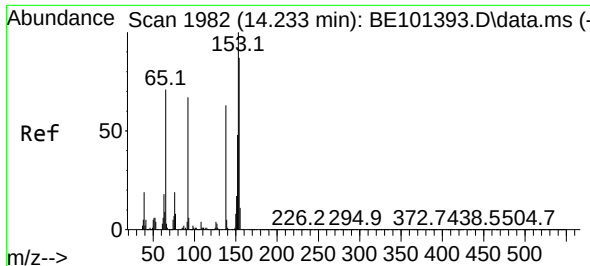
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#52
Acenaphthene
Concen: 54.303 ng
RT: 14.238 min Scan# 1983
Delta R.T. -0.007 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

Tgt Ion:154 Resp: 719962
Ion Ratio Lower Upper
154 100
153 114.0 91.8 137.6
152 53.7 43.1 64.7





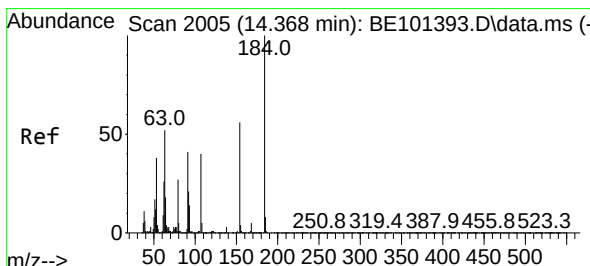
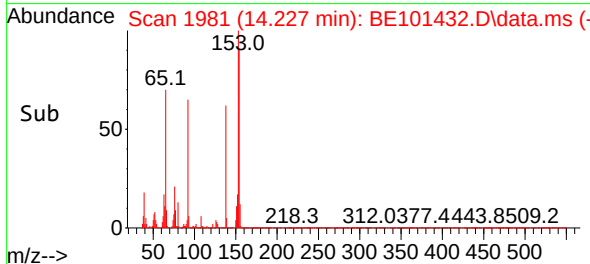
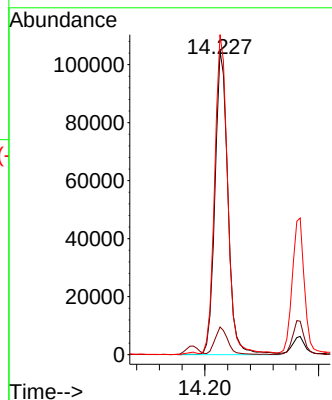
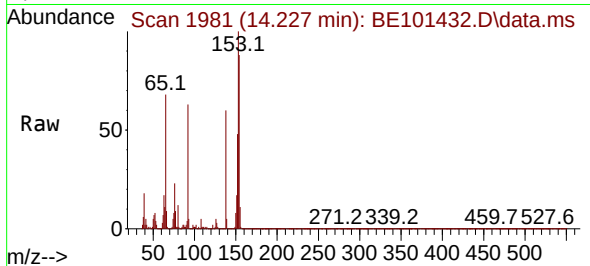
#53
3-Nitroaniline
Concen: 40.315 ng
RT: 14.227 min Scan# 1981
Delta R.T. -0.007 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

Instrument :
BNA_E
ClientSampleId :
BP-F10MSD

Tgt Ion:138 Resp: 16571
Ion Ratio Lower Upper
138 100
108 9.1 7.1 10.7
92 105.3 84.4 126.6

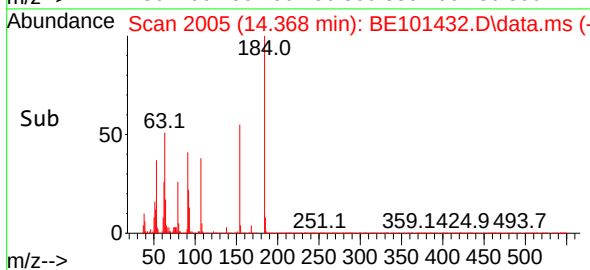
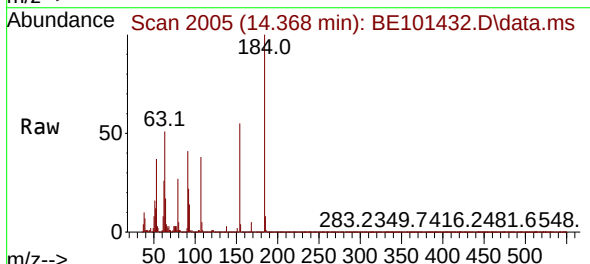
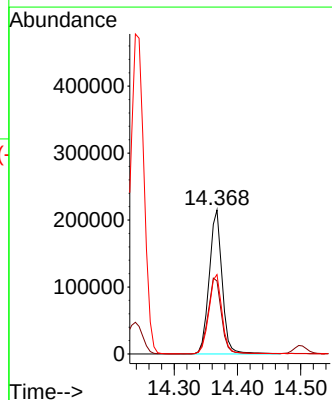
Manual Integrations
APPROVED

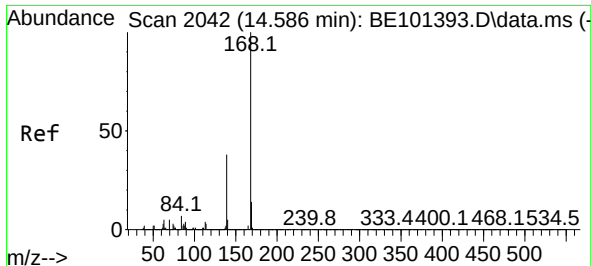
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#54
2,4-Dinitrophenol
Concen: 102.044 ng
RT: 14.368 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

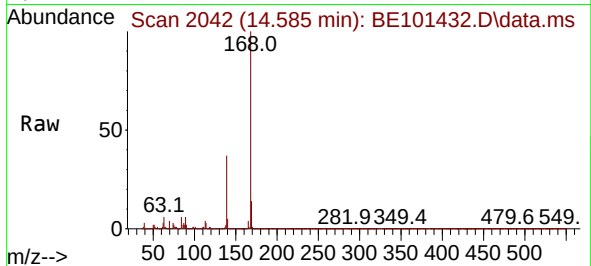
Tgt Ion:184 Resp: 304610
Ion Ratio Lower Upper
184 100
63 50.7 41.8 62.6
154 55.1 44.9 67.3





#55
Dibenzenofuran
Concen: 55.391 ng
RT: 14.585 min Scan# 2042
Delta R.T. -0.001 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

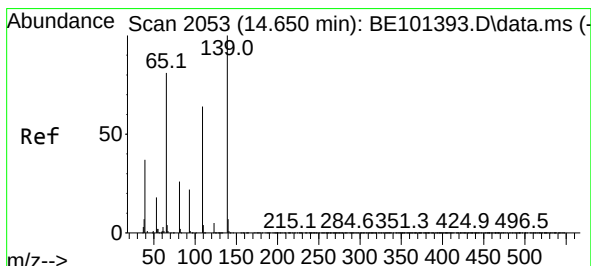
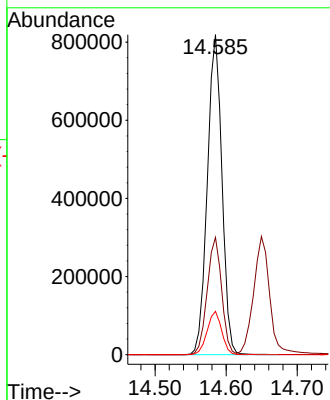
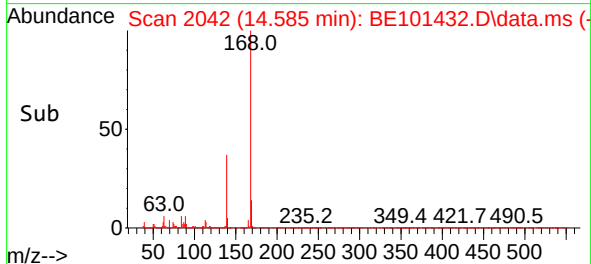
Instrument :
BNA_E
ClientSampleId :
BP-F10MSD



Tgt Ion:168 Resp: 1170504
Ion Ratio Lower Upper
168 100
139 36.6 30.2 45.4
169 13.6 11.0 16.4

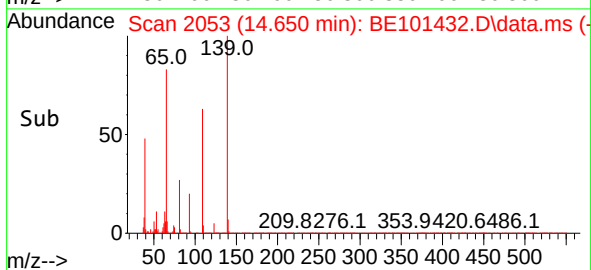
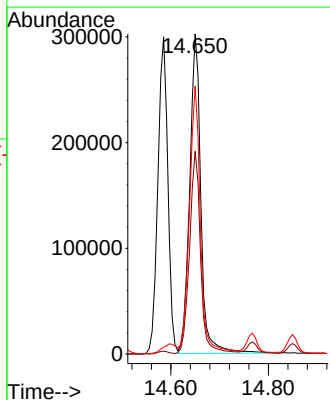
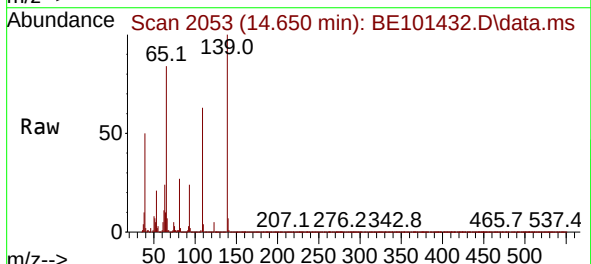
Manual Integrations
APPROVED

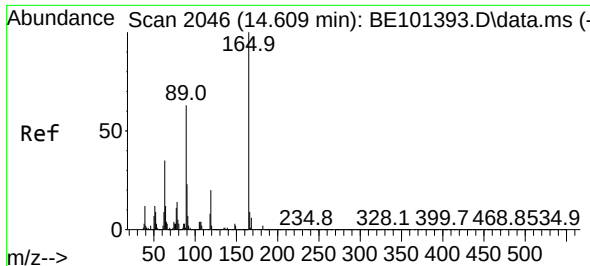
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#56
4-Nitrophenol
Concen: 128.756 ng
RT: 14.650 min Scan# 2053
Delta R.T. -0.000 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

Tgt Ion:139 Resp: 484665
Ion Ratio Lower Upper
139 100
109 63.4 42.4 82.4
65 83.7 63.4 103.4





#57
2,4-Dinitrotoluene
Concen: 58.443 ng
RT: 14.603 min Scan# 2046
Delta R.T. -0.007 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

Instrument :

BNA_E

ClientSampleId :

BP-F10MSD

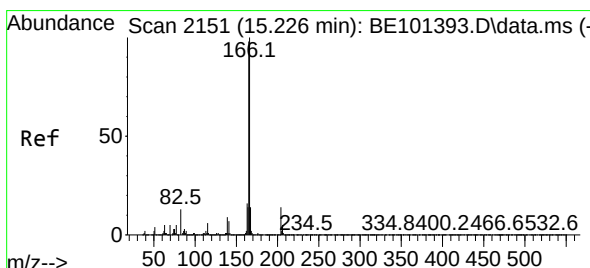
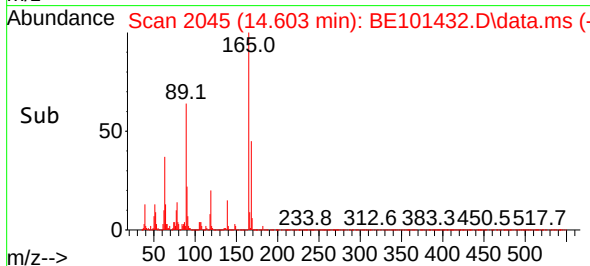
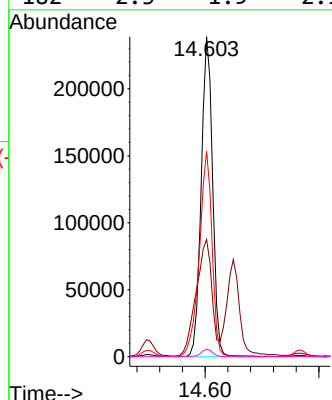
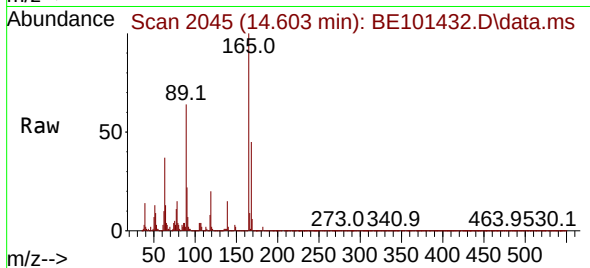
Tgt Ion:165 Resp: 33260
Ion Ratio Lower Upper
165 100
63 36.6 28.6 42.8
89 64.2 50.8 76.2
182 2.3 1.9 2.9

Manual Integrations

APPROVED

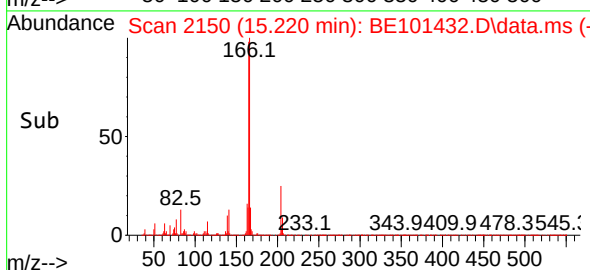
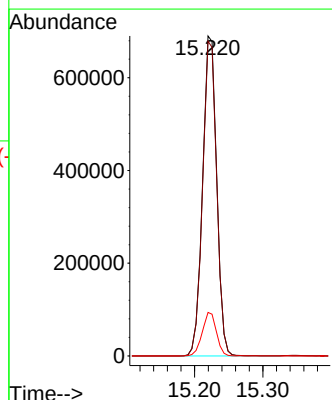
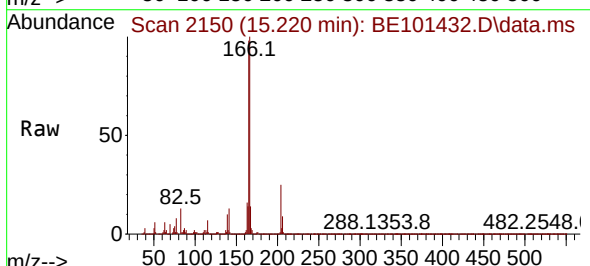
Reviewed By :Yogesh Patel 11/04/2024

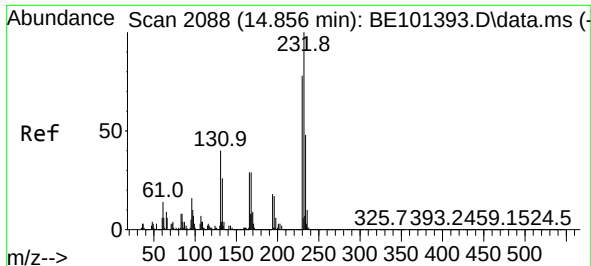
Supervised By :mohammad ahmed 11/04/2024



#58
Fluorene
Concen: 56.039 ng
RT: 15.220 min Scan# 2150
Delta R.T. -0.007 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

Tgt Ion:166 Resp: 990641
Ion Ratio Lower Upper
166 100
165 98.4 78.7 118.1
167 13.6 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 61.260 ng
RT: 14.849 min Scan# 2087
Delta R.T. -0.007 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

Instrument :

BNA_E

ClientSampleId :

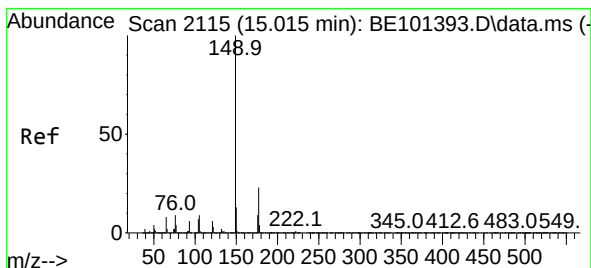
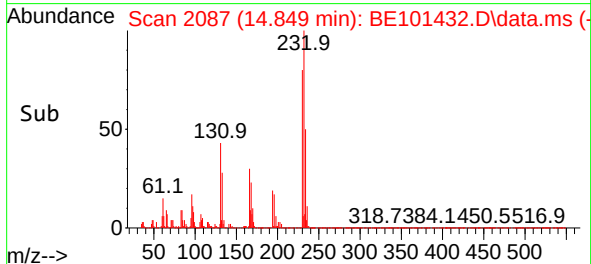
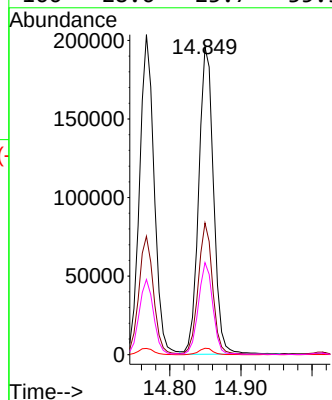
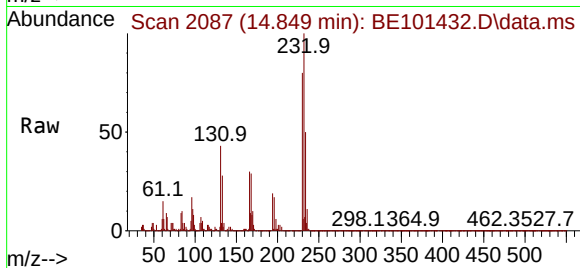
BP-F10MSD

Tgt Ion:232 Resp: 284521
Ion Ratio Lower Upper
232 100
131 41.1 33.5 50.3
130 2.0 1.6 2.4
166 28.6 23.7 35.5

Manual Integrations

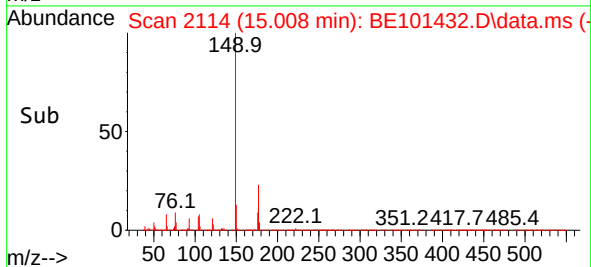
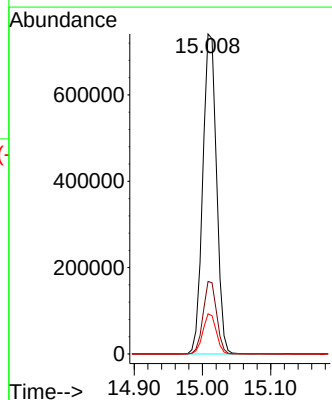
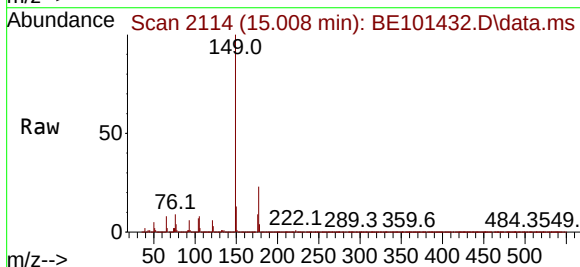
APPROVED

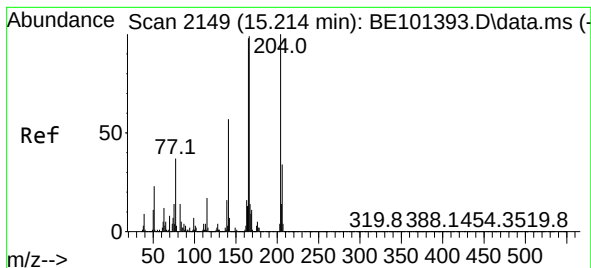
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#60
Diethylphthalate
Concen: 55.403 ng
RT: 15.008 min Scan# 2114
Delta R.T. -0.007 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

Tgt Ion:149 Resp: 1037578
Ion Ratio Lower Upper
149 100
177 22.6 18.0 27.0
150 12.6 10.3 15.5





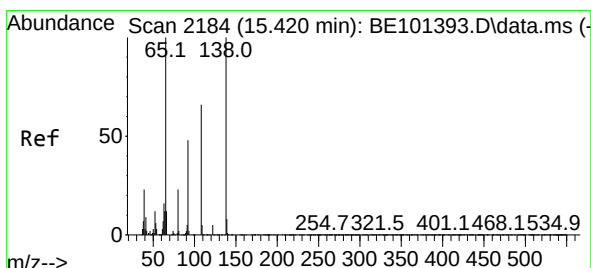
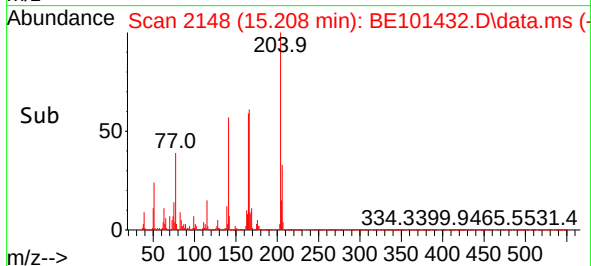
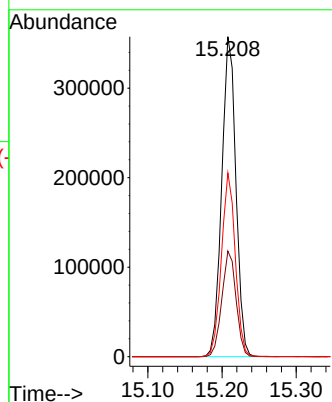
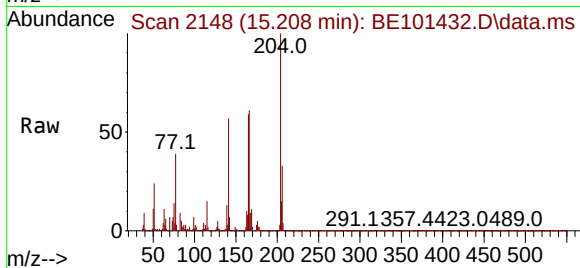
#61
4-Chlorophenyl-phenylether
Concen: 54.111 ng
RT: 15.208 min Scan# 2148
Delta R.T. -0.007 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

Instrument :
BNA_E
ClientSampleId :
BP-F10MSD

Tgt Ion:204 Resp: 474669
Ion Ratio Lower Upper
204 100
206 33.0 26.9 40.3
141 57.4 45.9 68.9

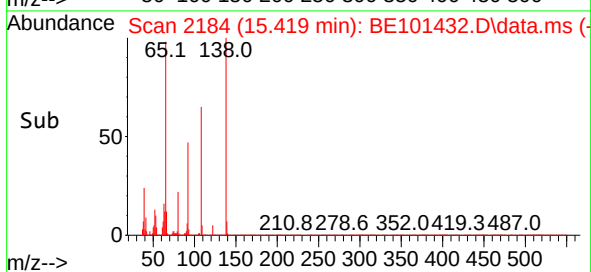
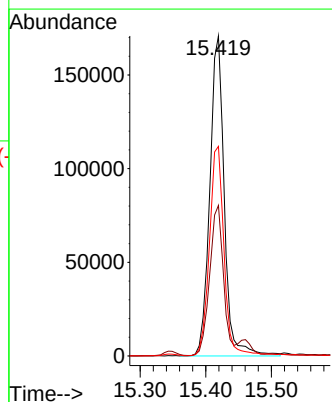
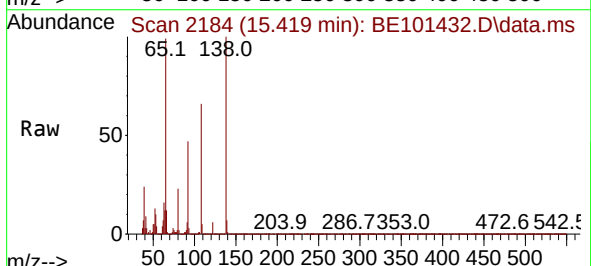
Manual Integrations
APPROVED

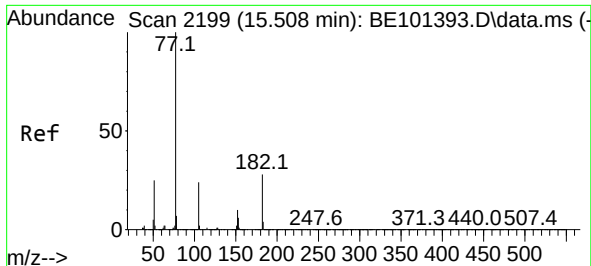
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#62
4-Nitroaniline
Concen: 57.278 ng
RT: 15.419 min Scan# 2184
Delta R.T. -0.001 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

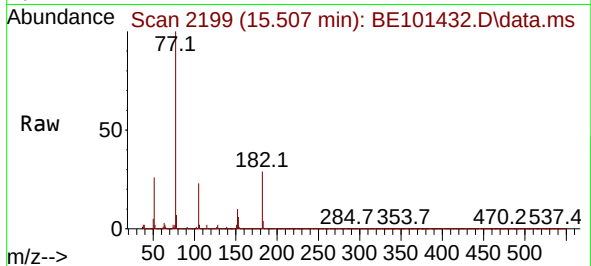
Tgt Ion:138 Resp: 261986
Ion Ratio Lower Upper
138 100
92 47.0 28.7 68.7
108 65.5 46.5 86.5





#63
Azobenzene
Concen: 56.913 ng
RT: 15.507 min Scan# 2199
Delta R.T. -0.001 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

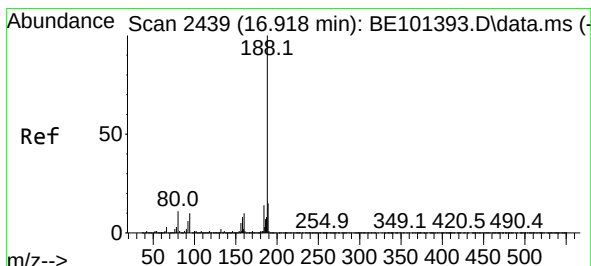
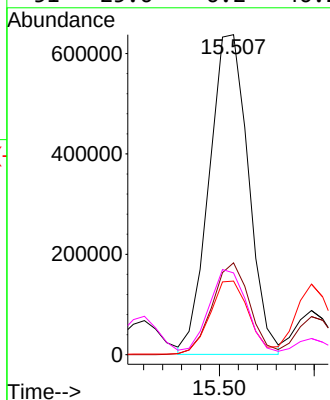
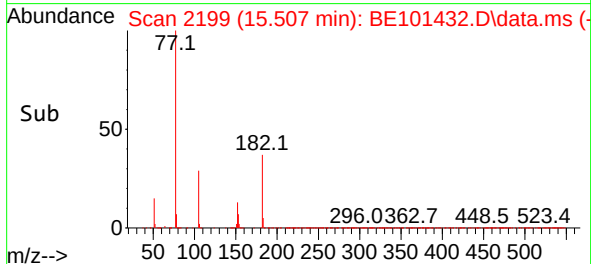
Instrument :
BNA_E
ClientSampleId :
BP-F10MSD



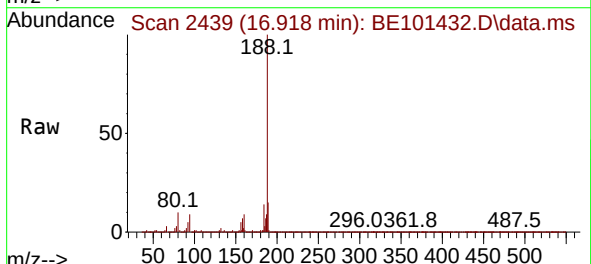
Tgt Ion: 77 Resp: 916180
Ion Ratio Lower Upper
77 100
182 28.7 7.6 47.6
105 23.0 3.2 43.2
51 25.6 6.2 46.2

Manual Integrations
APPROVED

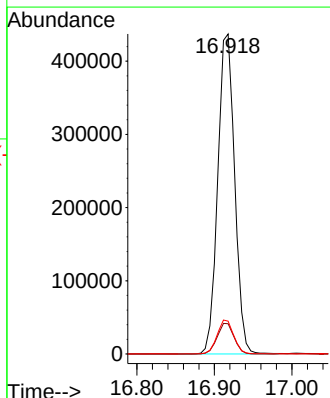
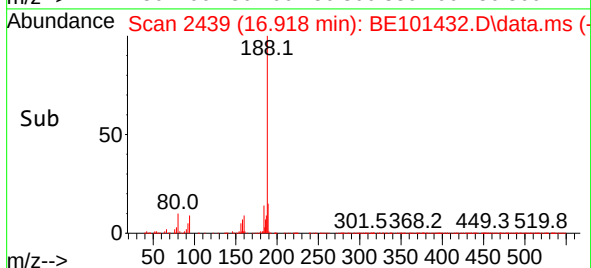
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

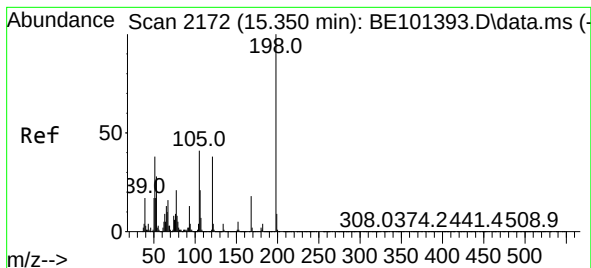


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.918 min Scan# 2439
Delta R.T. -0.001 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38



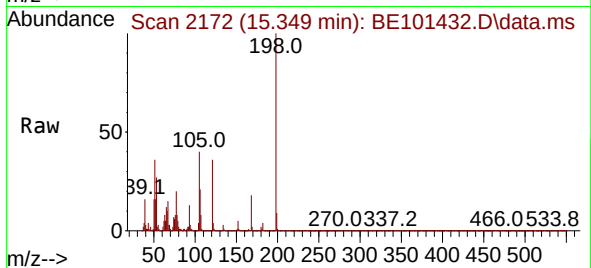
Tgt Ion:188 Resp: 663629
Ion Ratio Lower Upper
188 100
94 9.5 7.8 11.8
80 10.2 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 52.682 ng
RT: 15.349 min Scan# 2172
Delta R.T. -0.001 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

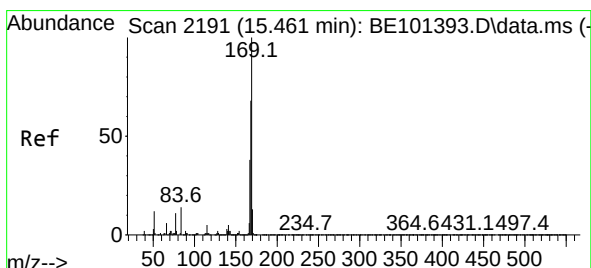
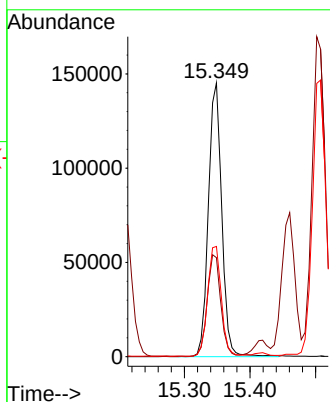
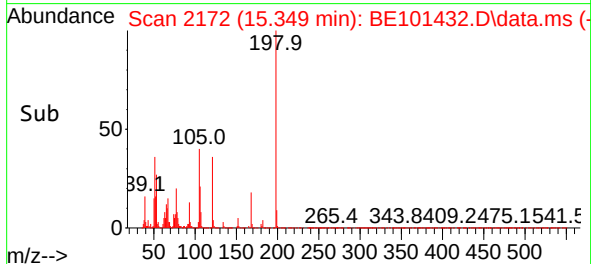
Instrument :
BNA_E
ClientSampleId :
BP-F10MSD



Tgt Ion:198 Resp: 205439
Ion Ratio Lower Upper
198 100
51 36.2 18.2 58.2
105 40.3 21.5 61.5

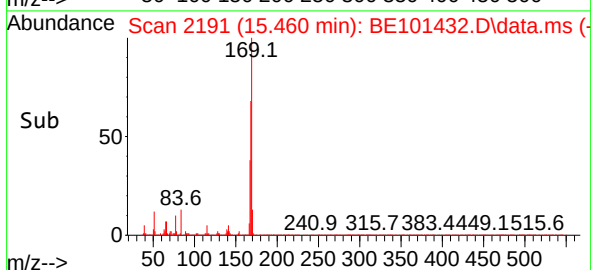
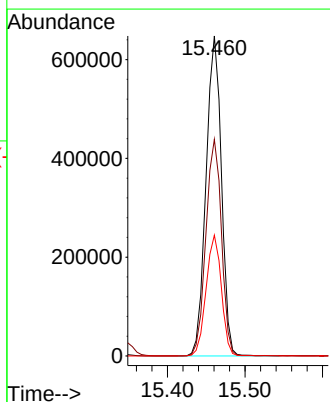
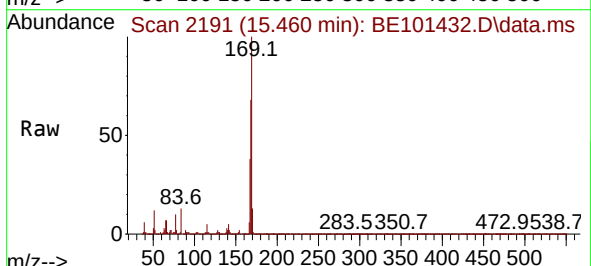
Manual Integrations
APPROVED

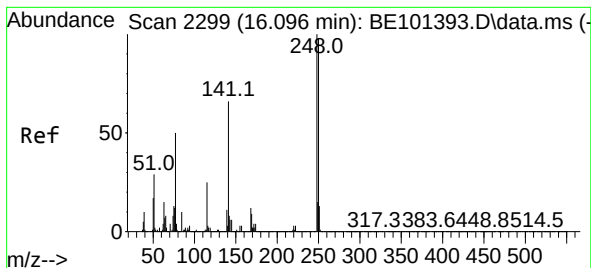
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#66
n-Nitrosodiphenylamine
Concen: 50.703 ng
RT: 15.460 min Scan# 2191
Delta R.T. -0.001 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

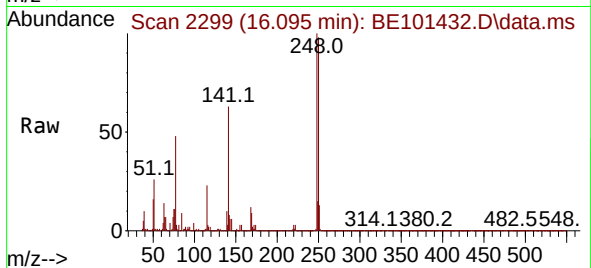
Tgt Ion:169 Resp: 892314
Ion Ratio Lower Upper
169 100
168 67.7 54.5 81.7
167 37.7 30.4 45.6





#67
4-Bromophenyl-phenylether
Concen: 49.588 ng
RT: 16.095 min Scan# 2299
Delta R.T. -0.001 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

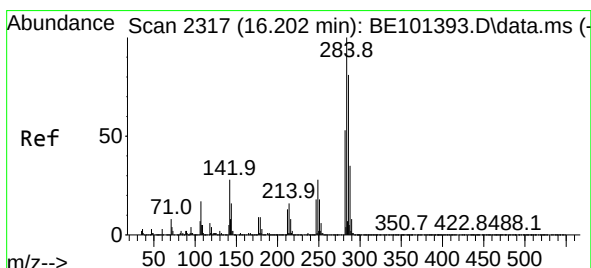
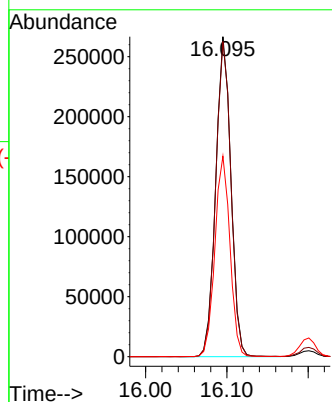
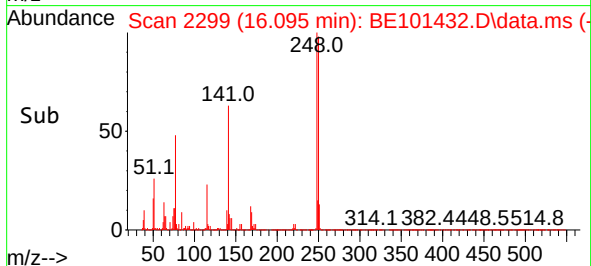
Instrument :
BNA_E
ClientSampleId :
BP-F10MSD



Tgt Ion:248 Resp: 346164
Ion Ratio Lower Upper
248 100
250 98.5 78.2 117.2
141 62.7 53.0 79.4

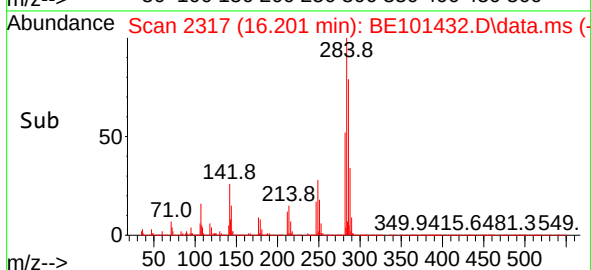
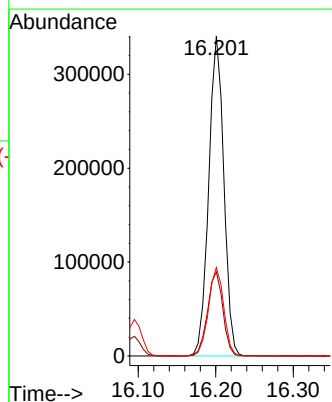
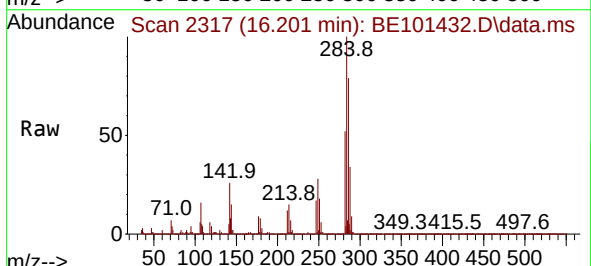
Manual Integrations
APPROVED

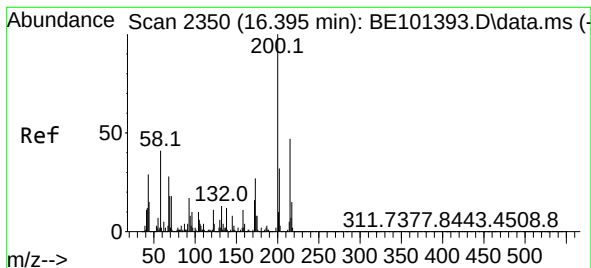
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#68
Hexachlorobenzene
Concen: 50.289 ng
RT: 16.201 min Scan# 2317
Delta R.T. -0.001 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

Tgt Ion:284 Resp: 460151
Ion Ratio Lower Upper
284 100
142 26.3 22.2 33.2
249 27.7 22.8 34.2





#69

Atrazine

Concen: 65.112 ng

RT: 16.395 min Scan# 21

Delta R.T. -0.000 min

Lab File: BE101432.D

Acq: 31 Oct 2024 14:38

Instrument :

BNA_E

ClientSampleId :

BP-F10MSD

Tgt Ion:200 Resp: 35130

Ion Ratio Lower Upper

200 100

173 26.5 7.0 47.0

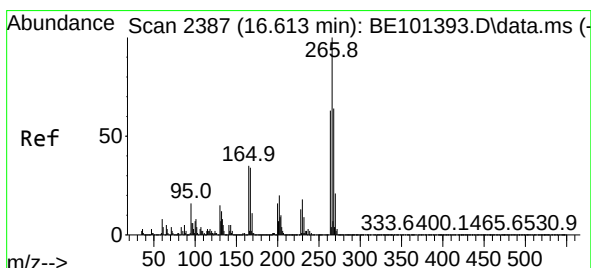
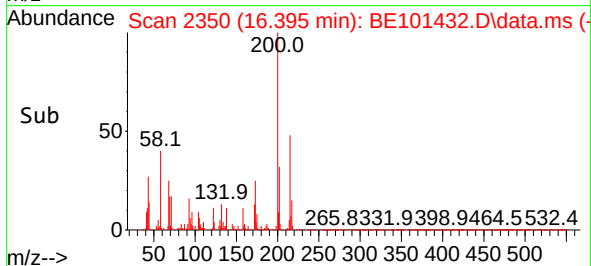
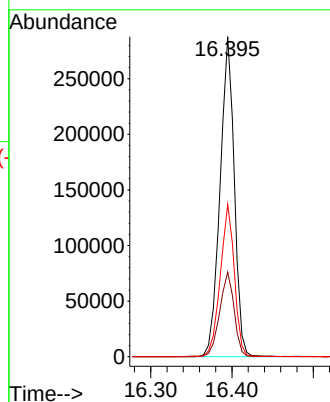
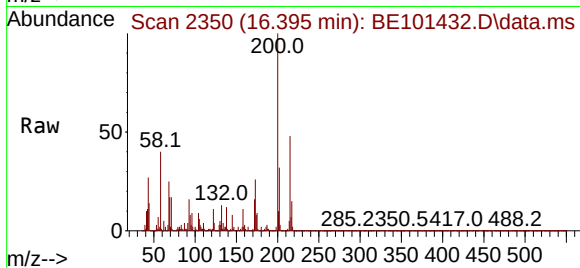
215 47.6 27.3 67.3

Manual Integrations

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Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#70

Pentachlorophenol

Concen: 118.662 ng

RT: 16.606 min Scan# 2386

Delta R.T. -0.007 min

Lab File: BE101432.D

Acq: 31 Oct 2024 14:38

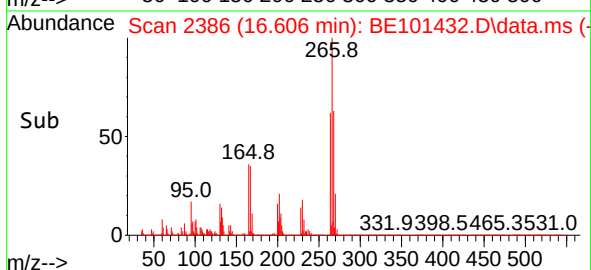
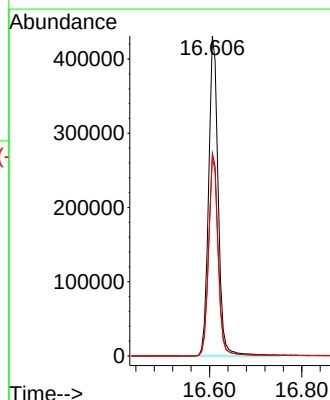
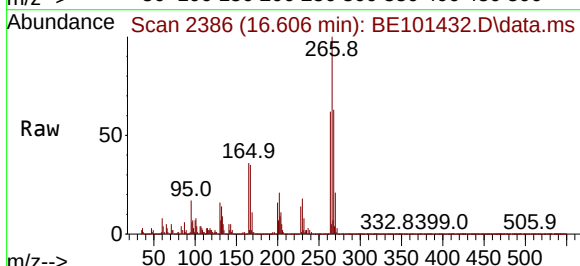
Tgt Ion:266 Resp: 624991

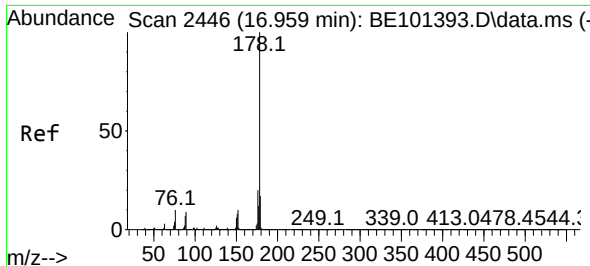
Ion Ratio Lower Upper

266 100

268 63.3 51.5 77.3

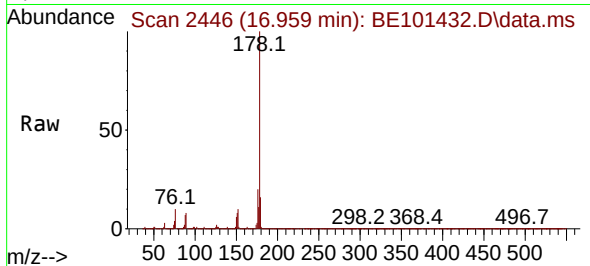
264 62.3 50.7 76.1





#71
Phenanthrene
Concen: 54.919 ng
RT: 16.959 min Scan# 2446
Delta R.T. -0.001 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

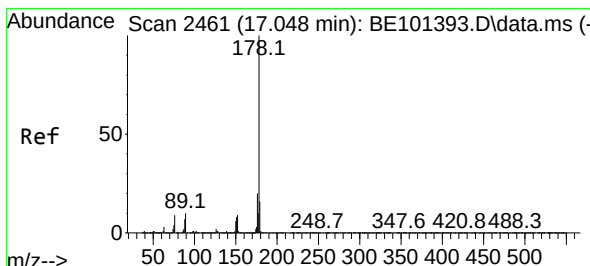
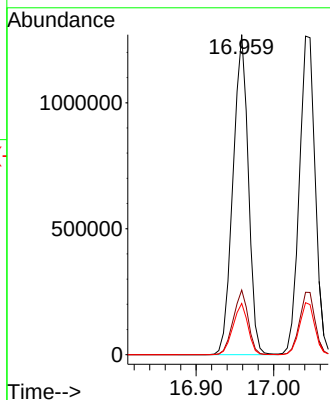
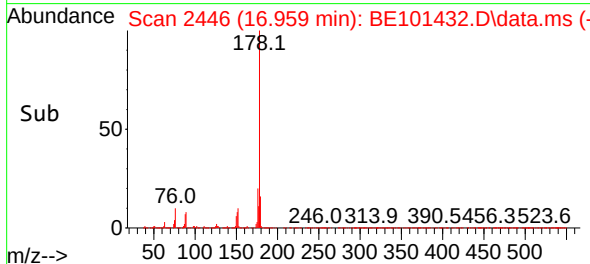
Instrument :
BNA_E
ClientSampleId :
BP-F10MSD



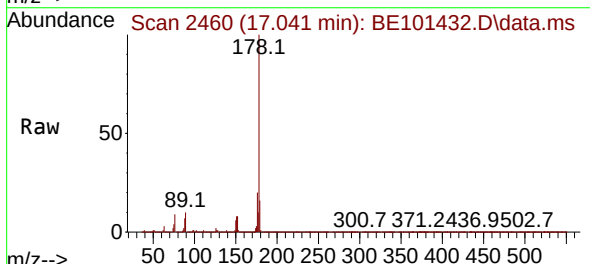
Tgt Ion:178 Resp: 1744999
Ion Ratio Lower Upper
178 100
176 20.2 16.4 24.6
179 16.0 13.2 19.8

Manual Integrations
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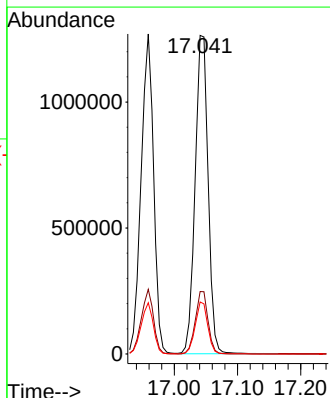
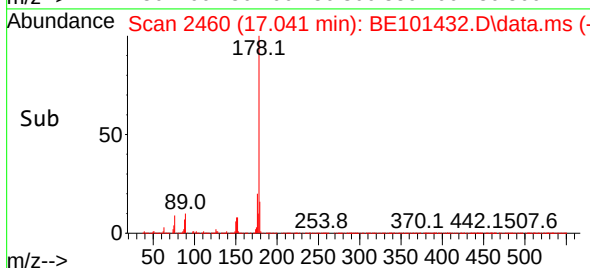
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

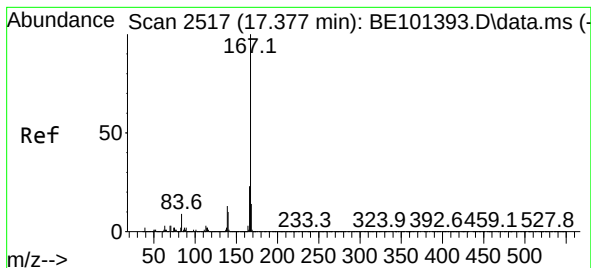


#72
Anthracene
Concen: 58.066 ng
RT: 17.041 min Scan# 2460
Delta R.T. -0.007 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38



Tgt Ion:178 Resp: 1801503
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 16.3 13.1 19.7





#73

Carbazole

Concen: 56.242 ng

RT: 17.376 min Scan# 2517

Delta R.T. -0.001 min

Lab File: BE101432.D

Acq: 31 Oct 2024 14:38

Instrument :

BNA_E

ClientSampleId :

BP-F10MSD

Tgt Ion:167 Resp: 1785419

Ion Ratio Lower Upper

167 100

166 22.3 18.3 27.5

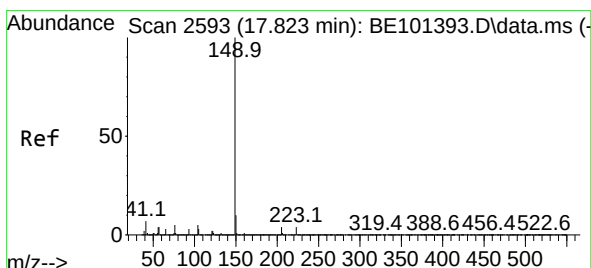
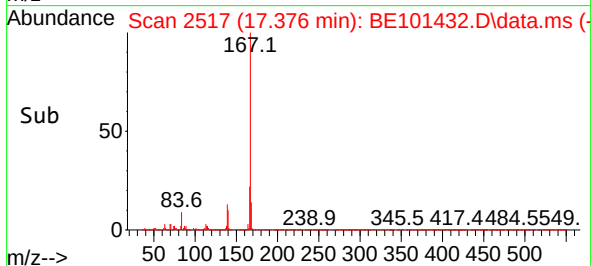
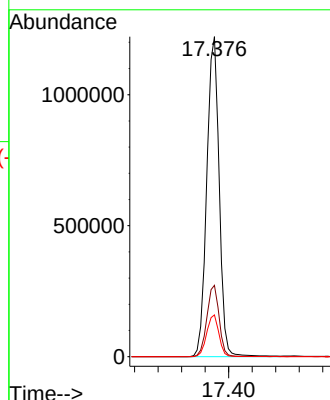
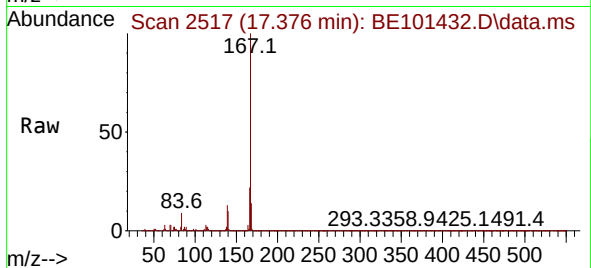
139 13.1 10.8 16.2

Manual Integrations

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Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#74

Di-n-butylphthalate

Concen: 58.467 ng

RT: 17.822 min Scan# 2593

Delta R.T. -0.001 min

Lab File: BE101432.D

Acq: 31 Oct 2024 14:38

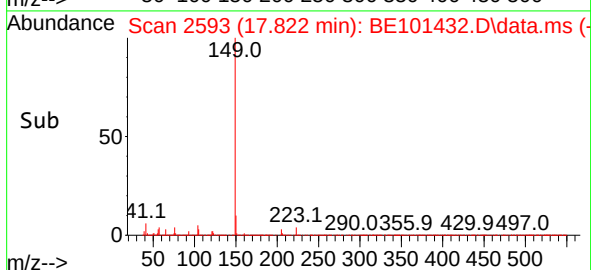
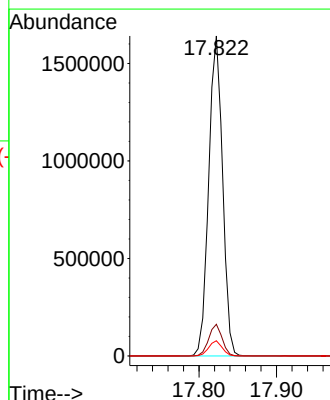
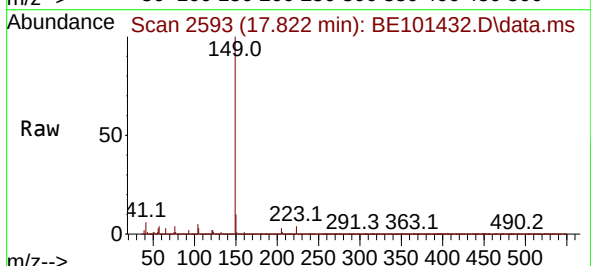
Tgt Ion:149 Resp: 2043293

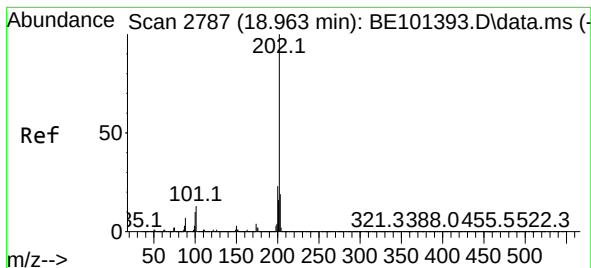
Ion Ratio Lower Upper

149 100

150 9.9 8.2 12.4

104 4.7 3.9 5.9





#75

Fluoranthene

Concen: 60.624 ng

RT: 18.962 min Scan# 21

Delta R.T. -0.001 min

Lab File: BE101432.D

Acq: 31 Oct 2024 14:38

Instrument :

BNA_E

ClientSampleId :

BP-F10MSD

Tgt Ion:202 Resp: 2339590

Ion Ratio Lower Upper

202 100

101 12.8 0.0 33.3

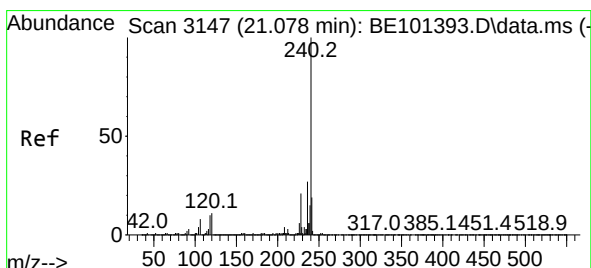
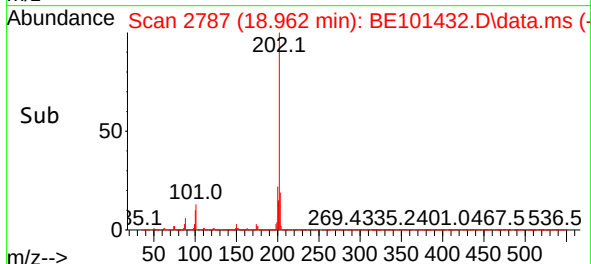
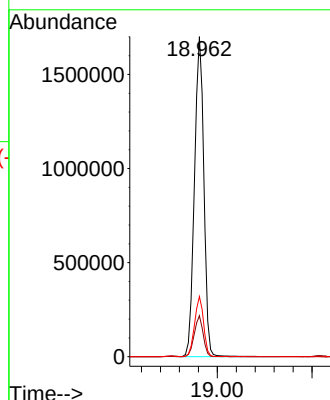
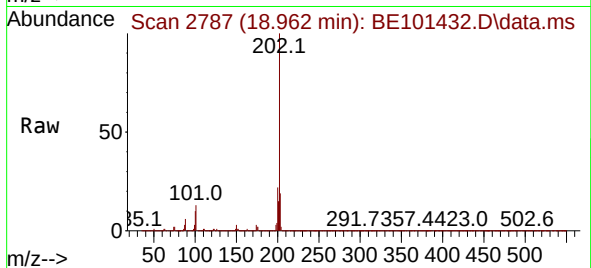
203 18.8 0.0 39.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.077 min Scan# 3147

Delta R.T. -0.001 min

Lab File: BE101432.D

Acq: 31 Oct 2024 14:38

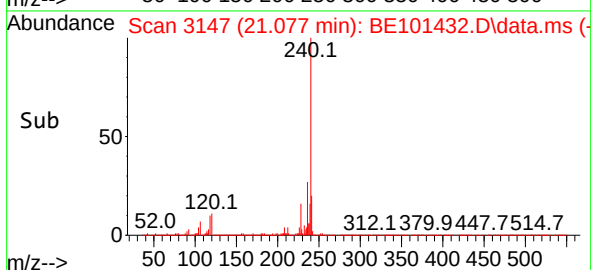
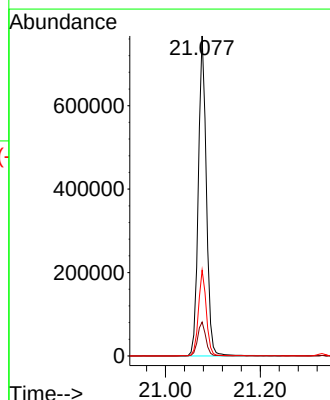
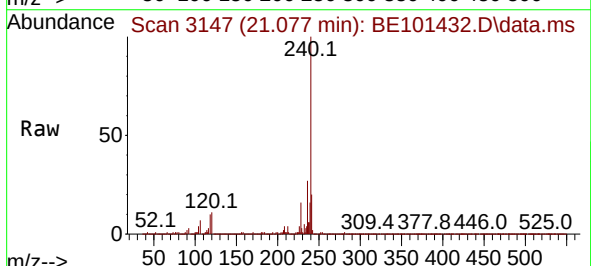
Tgt Ion:240 Resp: 902068

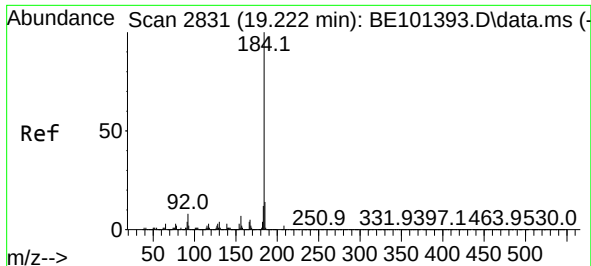
Ion Ratio Lower Upper

240 100

120 10.6 9.0 13.4

236 26.8 21.4 32.0





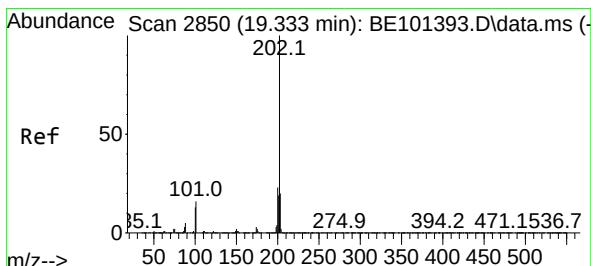
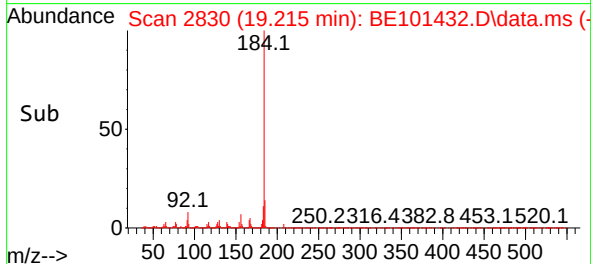
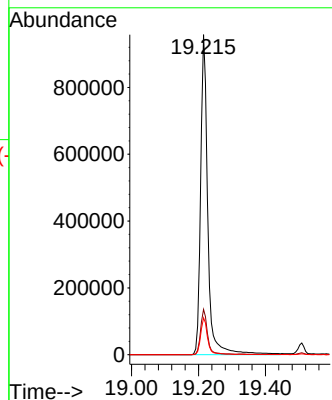
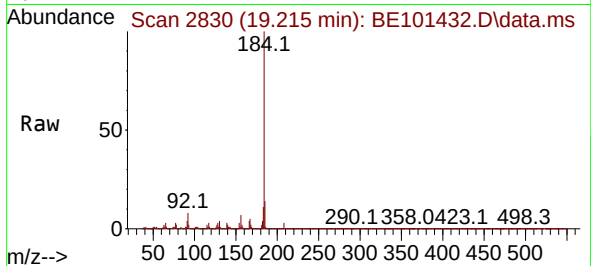
#77
Benzidine
Concen: 124.129 ng
RT: 19.215 min Scan# 2831
Delta R.T. -0.007 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

Instrument :
BNA_E
ClientSampleId :
BP-F10MSD

Tgt Ion:184 Resp: 142112
Ion Ratio Lower Upper
184 100
185 14.2 11.5 17.3
183 11.5 9.3 13.9

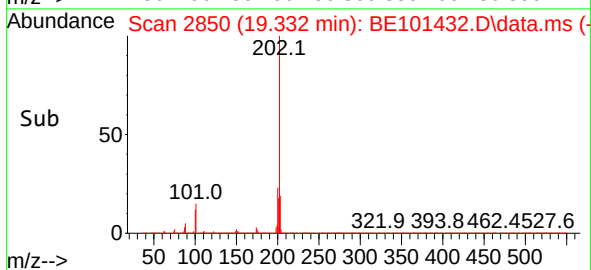
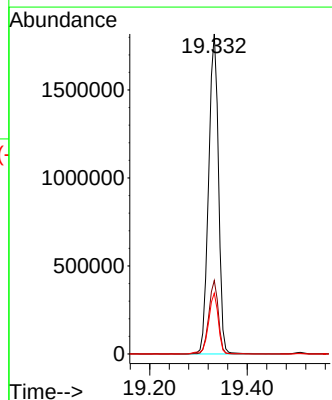
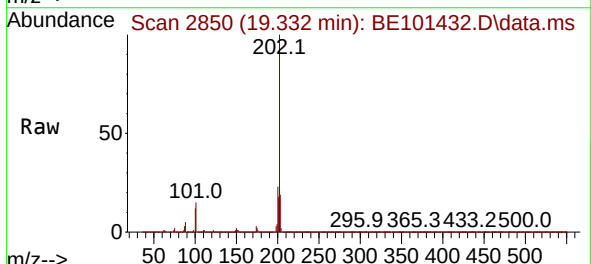
Manual Integrations
APPROVED

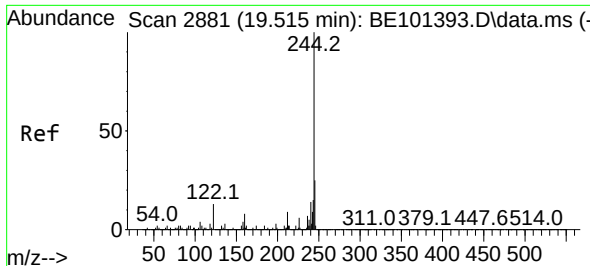
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#78
Pyrene
Concen: 51.144 ng
RT: 19.332 min Scan# 2850
Delta R.T. -0.001 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

Tgt Ion:202 Resp: 2537078
Ion Ratio Lower Upper
202 100
200 23.0 18.6 28.0
203 19.0 15.6 23.4





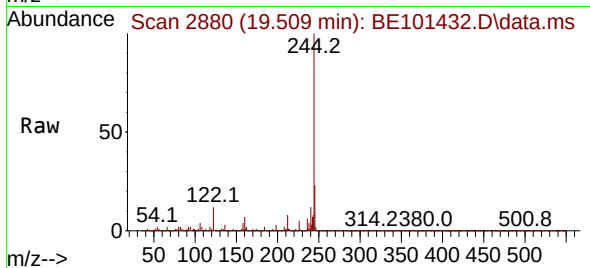
#79
 Terphenyl-d14
 Concen: 76.908 ng
 RT: 19.509 min Scan# 2881
 Delta R.T. -0.006 min
 Lab File: BE101432.D
 Acq: 31 Oct 2024 14:38

Instrument :

BNA_E

ClientSampleId :

BP-F10MSD



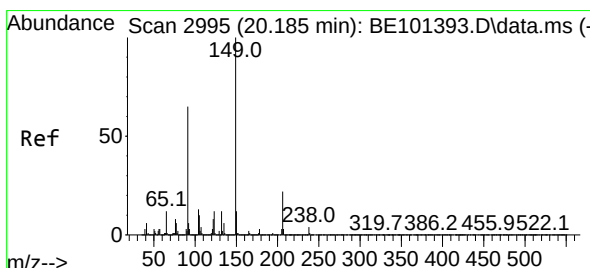
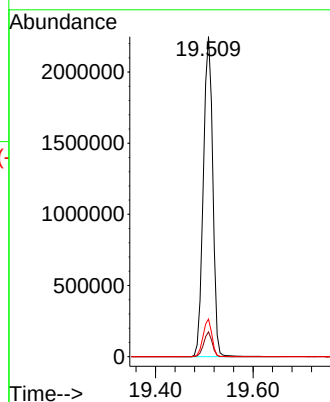
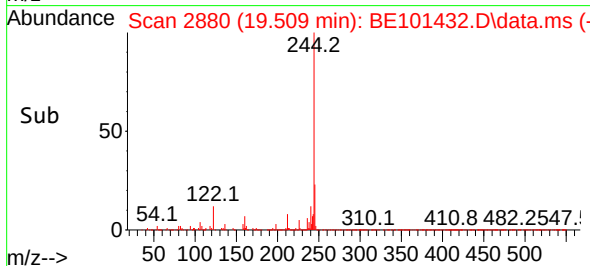
Tgt Ion:244 Resp: 3014314
 Ion Ratio Lower Upper
 244 100
 212 7.8 7.2 10.8
 122 11.8 10.4 15.6

Manual Integrations

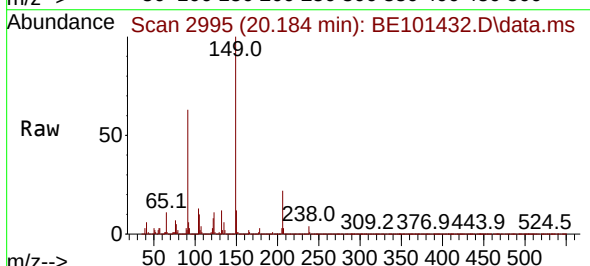
APPROVED

Reviewed By :Yogesh Patel 11/04/2024

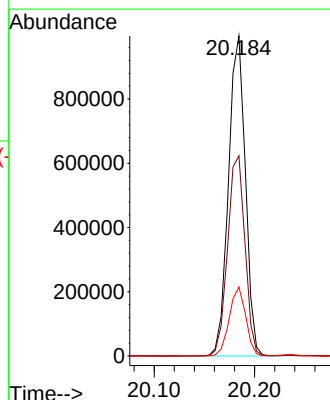
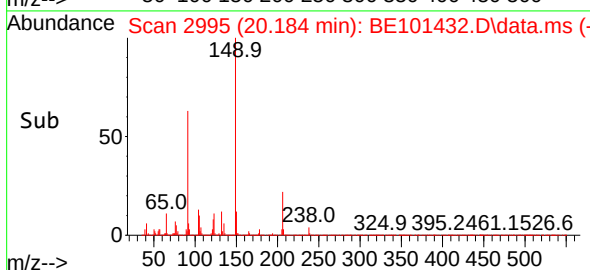
Supervised By :mohammad ahmed 11/04/2024

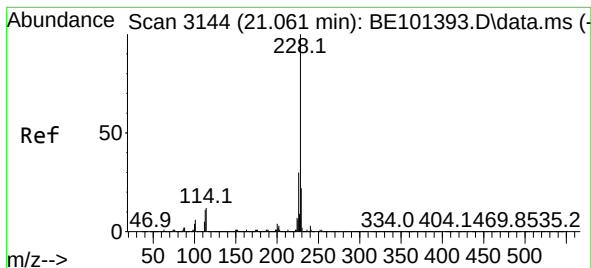


#80
 Butylbenzylphthalate
 Concen: 53.497 ng
 RT: 20.184 min Scan# 2995
 Delta R.T. -0.001 min
 Lab File: BE101432.D
 Acq: 31 Oct 2024 14:38



Tgt Ion:149 Resp: 1163395
 Ion Ratio Lower Upper
 149 100
 91 62.5 51.8 77.8
 206 21.5 17.4 26.2





#81

Benzo(a)anthracene

Concen: 54.686 ng

RT: 21.060 min Scan# 3144

Delta R.T. -0.001 min

Lab File: BE101432.D

Acq: 31 Oct 2024 14:38

Instrument :

BNA_E

ClientSampleId :

BP-F10MSD

Tgt Ion:228 Resp: 277270

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

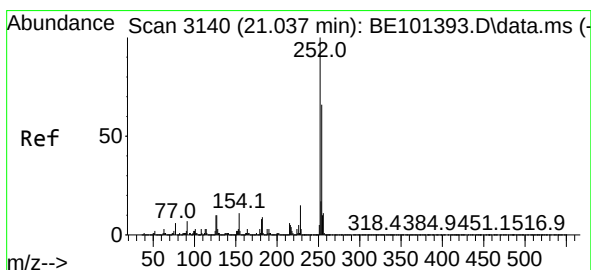
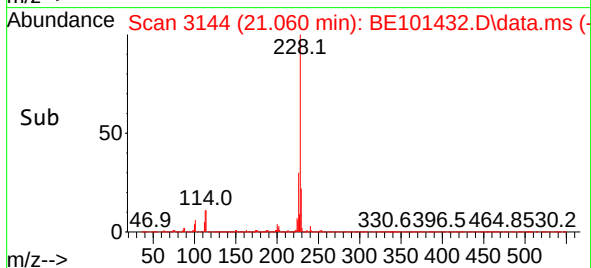
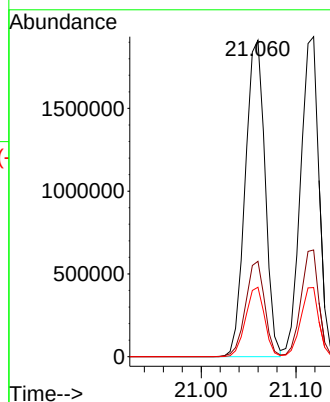
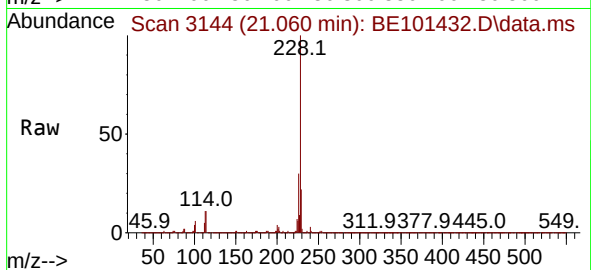
229 22.0 17.3 25.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#82

3,3'-Dichlorobenzidine

Concen: 40.109 ng

RT: 21.036 min Scan# 3140

Delta R.T. -0.001 min

Lab File: BE101432.D

Acq: 31 Oct 2024 14:38

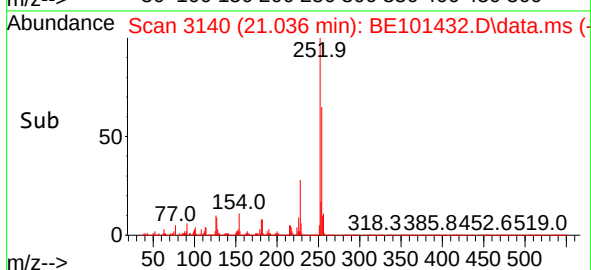
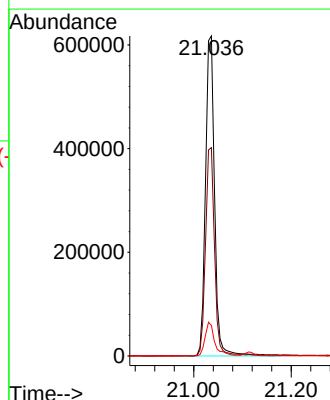
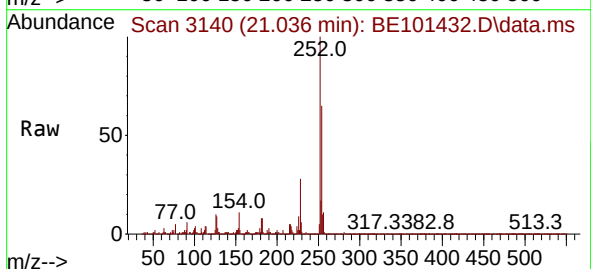
Tgt Ion:252 Resp: 796627

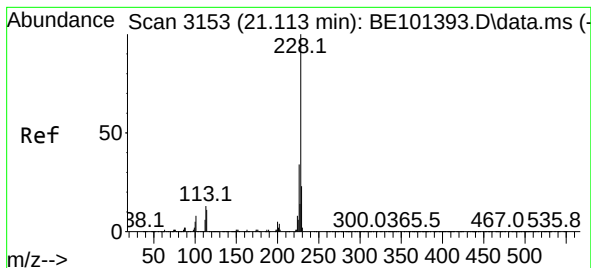
Ion Ratio Lower Upper

252 100

254 65.1 52.6 78.8

126 9.6 7.7 11.5





#83

Chrysene

Concen: 54.250 ng

RT: 21.119 min Scan# 3153

Delta R.T. 0.005 min

Lab File: BE101432.D

Acq: 31 Oct 2024 14:38

Instrument :

BNA_E

ClientSampleId :

BP-F10MSD

Tgt Ion:228 Resp: 265944

Ion Ratio Lower Upper

228 100

226 33.3 27.2 40.8

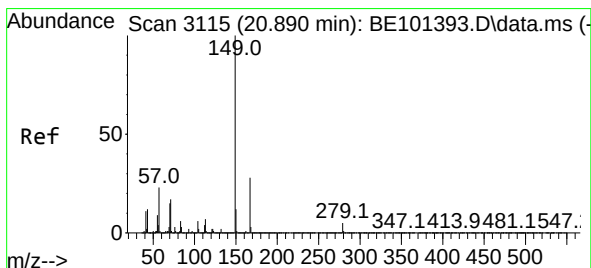
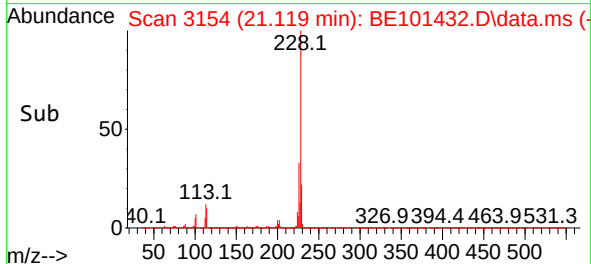
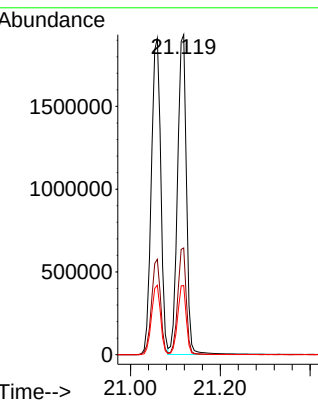
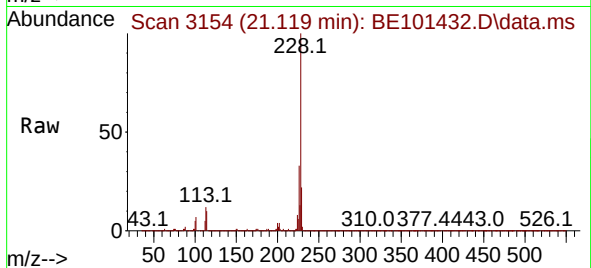
229 21.6 18.0 27.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.125 ng

RT: 20.884 min Scan# 3114

Delta R.T. -0.007 min

Lab File: BE101432.D

Acq: 31 Oct 2024 14:38

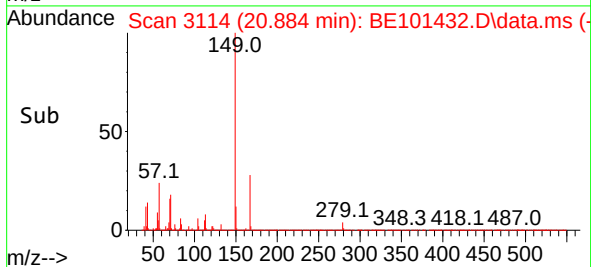
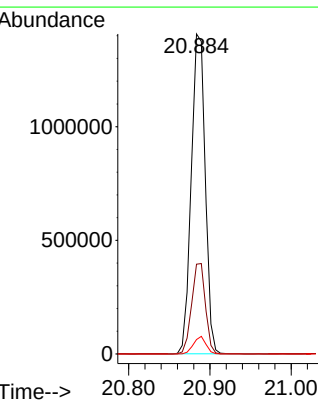
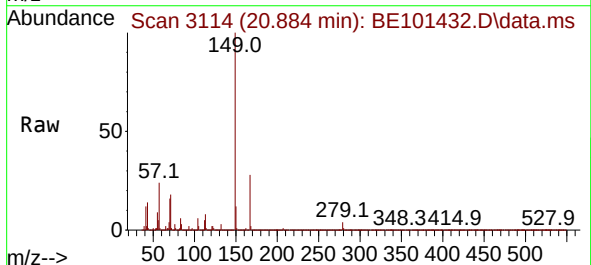
Tgt Ion:149 Resp: 1679232

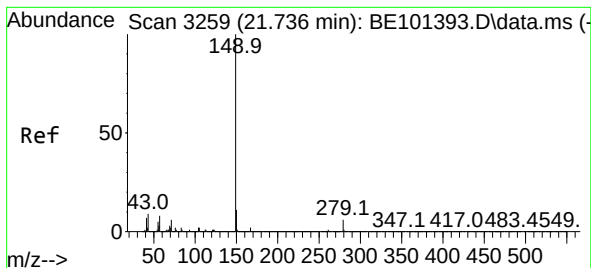
Ion Ratio Lower Upper

149 100

167 28.0 22.7 34.1

279 4.5 4.3 6.5





#85

Di-n-octyl phthalate

Concen: 60.623 ng

RT: 21.735 min Scan# 31

Delta R.T. -0.001 min

Lab File: BE101432.D

Acq: 31 Oct 2024 14:38

Instrument :

BNA_E

ClientSampleId :

BP-F10MSD

Tgt Ion:149 Resp: 287451

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

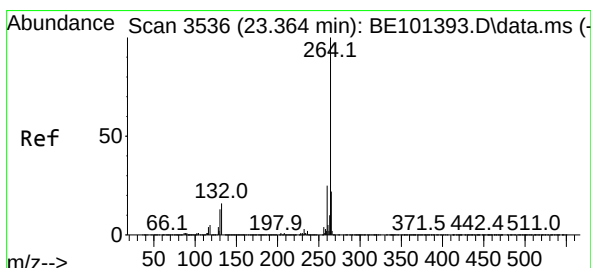
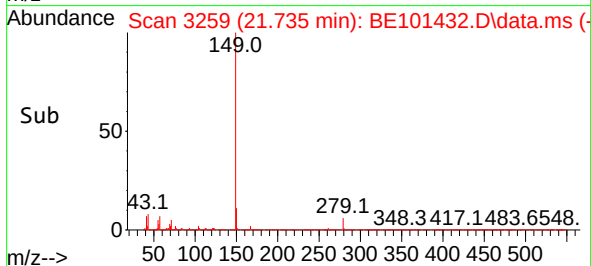
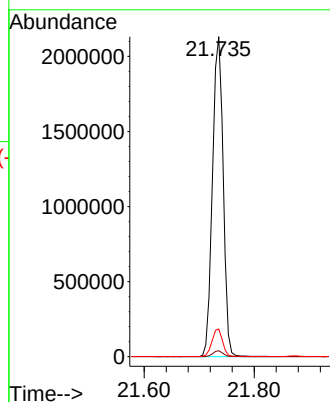
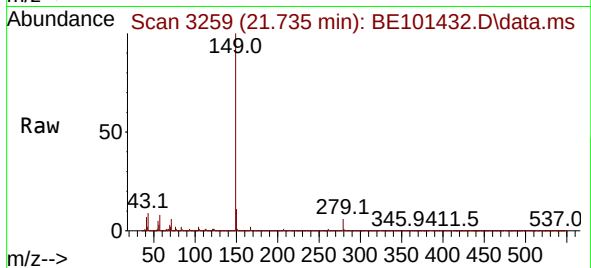
43 8.6 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.363 min Scan# 3536

Delta R.T. -0.001 min

Lab File: BE101432.D

Acq: 31 Oct 2024 14:38

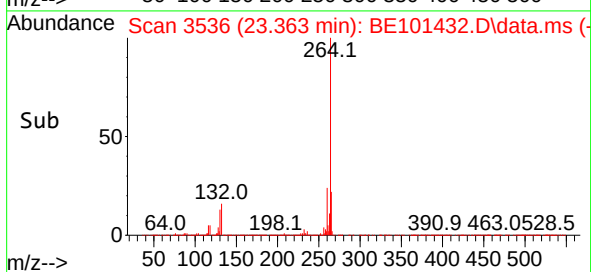
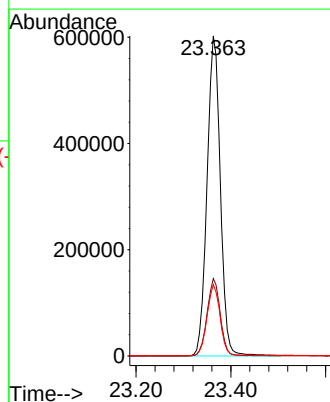
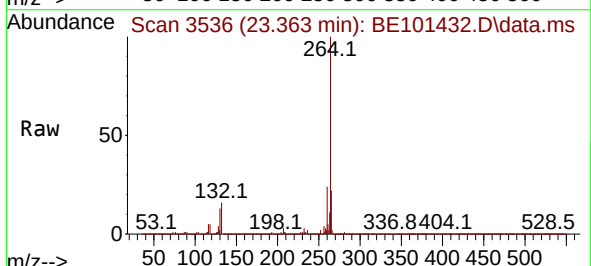
Tgt Ion:264 Resp: 1174851

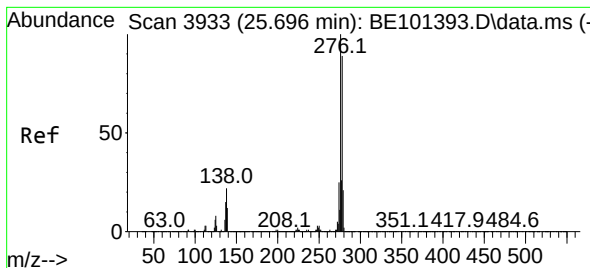
Ion Ratio Lower Upper

264 100

260 24.2 19.8 29.8

265 22.3 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.263 ng

RT: 25.695 min Scan# 3933

Delta R.T. -0.001 min

Lab File: BE101432.D

Acq: 31 Oct 2024 14:38

Instrument :

BNA_E

ClientSampleId :

BP-F10MSD

Tgt Ion:276 Resp: 434512

Ion Ratio Lower Upper

276 100

138 22.2 17.8 26.8

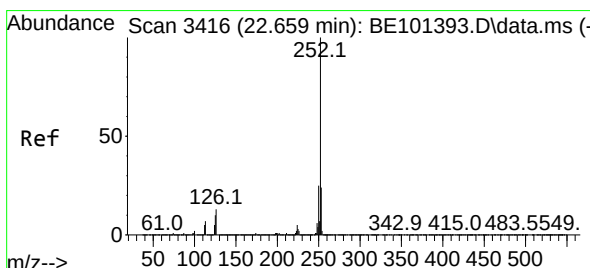
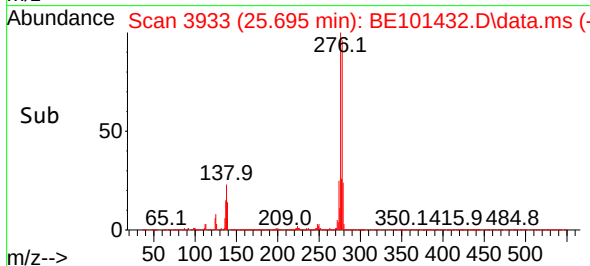
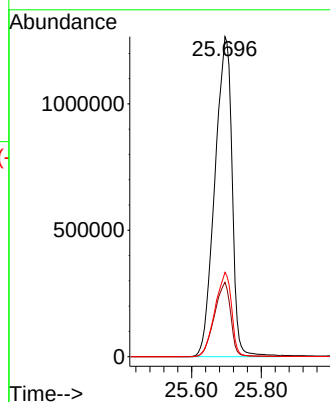
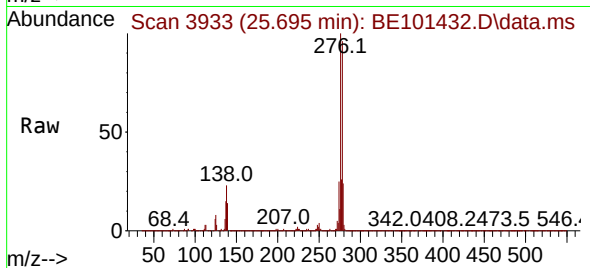
277 25.7 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#88

Benzo(b)fluoranthene

Concen: 53.969 ng

RT: 22.658 min Scan# 3416

Delta R.T. -0.001 min

Lab File: BE101432.D

Acq: 31 Oct 2024 14:38

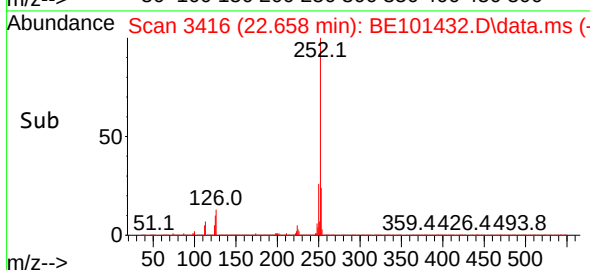
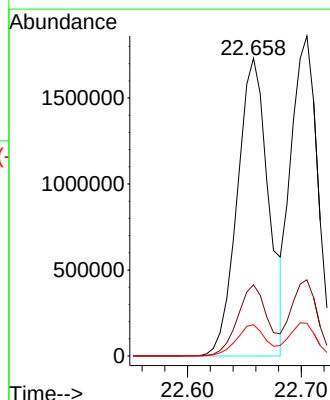
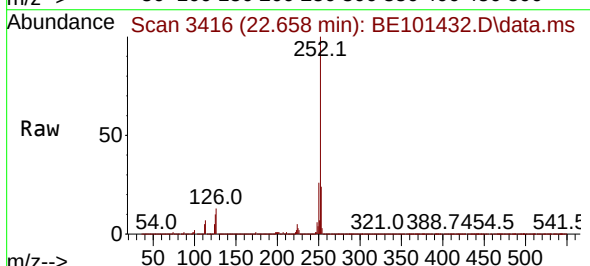
Tgt Ion:252 Resp: 3304286

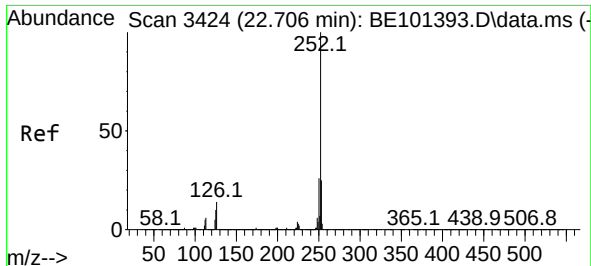
Ion Ratio Lower Upper

252 100

253 23.9 19.0 28.6

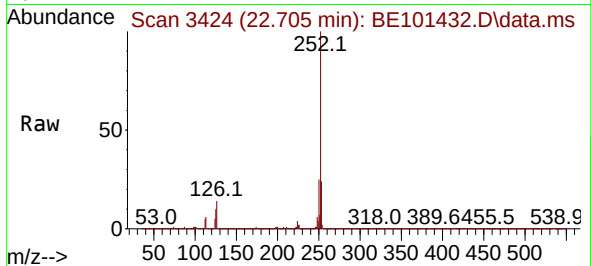
125 10.5 8.2 12.2





#89
Benzo(k)fluoranthene
Concen: 53.293 ng
RT: 22.705 min Scan# 3424
Delta R.T. -0.001 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

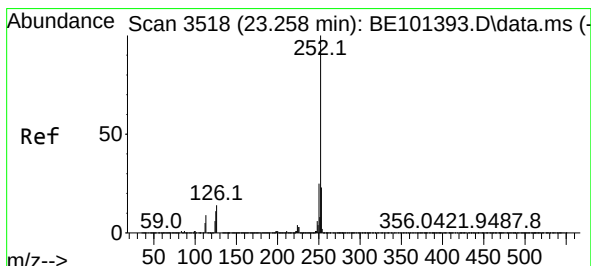
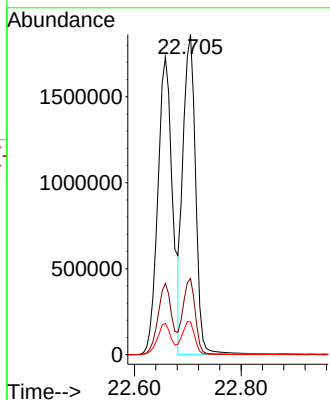
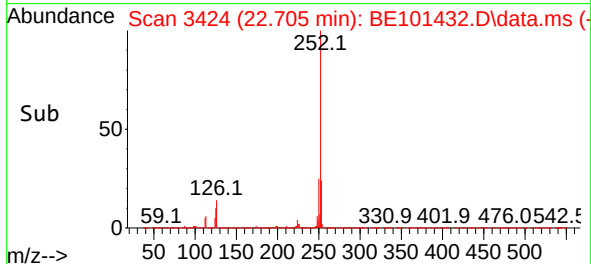
Instrument :
BNA_E
ClientSampleId :
BP-F10MSD



Tgt Ion:252 Resp: 3048400
Ion Ratio Lower Upper
252 100
253 23.8 19.4 29.2
125 10.2 8.2 12.2

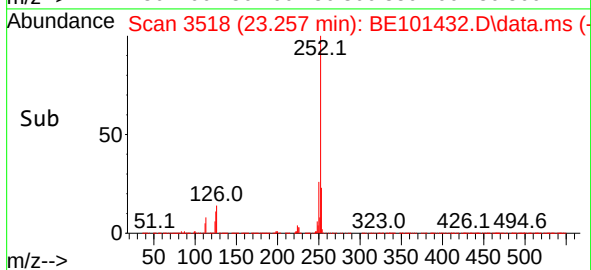
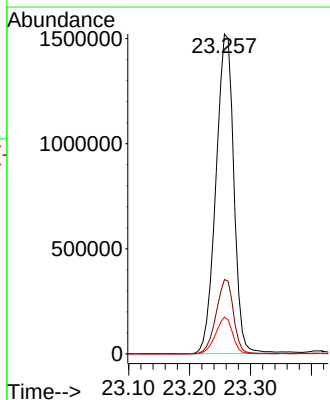
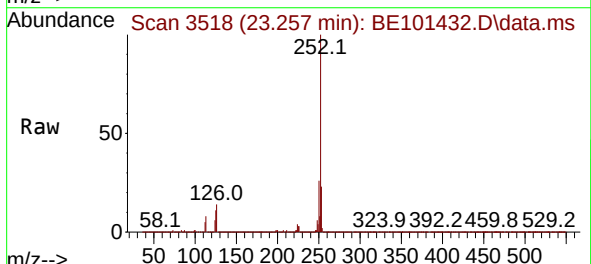
Manual Integrations
APPROVED

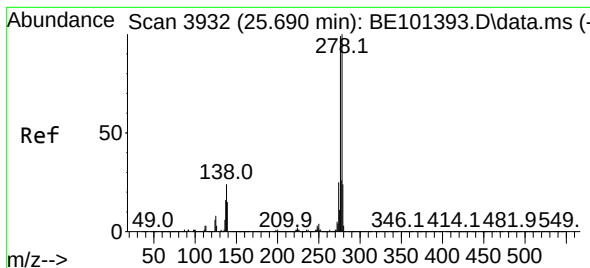
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#90
Benzo(a)pyrene
Concen: 57.924 ng
RT: 23.257 min Scan# 3518
Delta R.T. -0.001 min
Lab File: BE101432.D
Acq: 31 Oct 2024 14:38

Tgt Ion:252 Resp: 3101581
Ion Ratio Lower Upper
252 100
253 23.3 18.4 27.6
125 11.5 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 55.448 ng

RT: 25.690 min Scan# 3932

Delta R.T. -0.001 min

Lab File: BE101432.D

Acq: 31 Oct 2024 14:38

Instrument :

BNA_E

ClientSampleId :

BP-F10MSD

Tgt Ion:278 Resp: 3602410

Ion Ratio Lower Upper

278 100

139 14.5 11.9 17.9

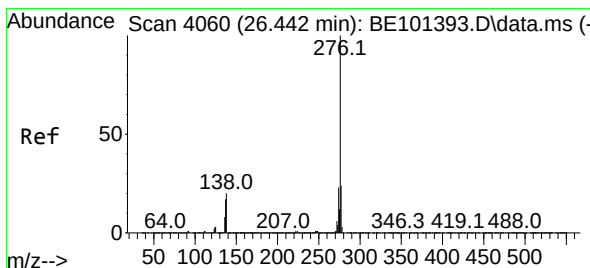
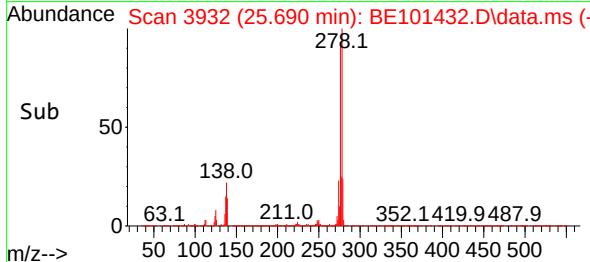
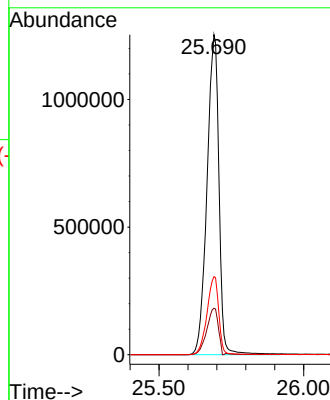
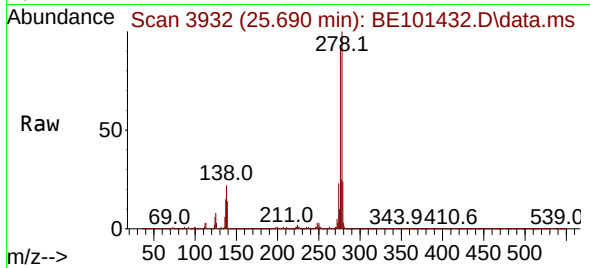
279 24.4 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#92

Benzo(g,h,i)perylene

Concen: 49.587 ng

RT: 26.448 min Scan# 4061

Delta R.T. 0.005 min

Lab File: BE101432.D

Acq: 31 Oct 2024 14:38

Tgt Ion:276 Resp: 3319392

Ion Ratio Lower Upper

276 100

277 24.2 19.4 29.2

138 19.2 15.8 23.6

