

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE102824\
 Data File : BE101397.D
 Acq On : 28 Oct 2024 16:37
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE102824

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/29/2024
 Supervised By :mohammad ahmed 10/30/2024

Quant Time: Oct 29 01:28:19 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	135975	20.000	ng	0.00
21) Naphthalene-d8	10.343	136	689556	20.000	ng	0.00
39) Acenaphthene-d10	14.186	164	494390	20.000	ng	0.00
64) Phenanthrene-d10	16.918	188	1118107	20.000	ng	0.00
76) Chrysene-d12	21.077	240	1178888	20.000	ng	0.00
86) Perylene-d12	23.369	264	1506294	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.319	112	642682	82.839	ng	0.00
7) Phenol-d6	6.953	99	943928	87.746	ng	0.00
23) Nitrobenzene-d5	8.786	82	931158	84.816	ng	0.00
42) 2,4,6-Tribromophenol	15.690	330	730631	84.319	ng	0.00
45) 2-Fluorobiphenyl	12.805	172	2410105	82.558	ng	0.00
79) Terphenyl-d14	19.515	244	4018242	78.448	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.204	88	112859	39.003	ng	99
3) Pyridine	3.639	79	342567m	41.845	ng	
4) n-Nitrosodimethylamine	3.557	42	131547	41.530	ng	99
6) Aniline	7.012	93	381702m	46.299	ng	
8) 2-Chlorophenol	7.217	128	394111	42.354	ng	99
9) Benzaldehyde	6.782	77	243959	46.978	ng	98
10) Phenol	6.976	94	524973	44.977	ng	99
11) bis(2-Chloroethyl)ether	7.041	93	352789	36.844	ng	99
12) 1,3-Dichlorobenzene	7.458	146	407554	40.619	ng	99
13) 1,4-Dichlorobenzene	7.605	146	416170	40.617	ng	99
14) 1,2-Dichlorobenzene	7.934	146	416666	41.544	ng	99
15) Benzyl Alcohol	7.916	79	280441	43.735	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.075	45	504614	41.877	ng	96
17) 2-Methylphenol	8.157	107	338367	42.832	ng	100
18) Hexachloroethane	8.627	117	140124	41.877	ng	97
19) n-Nitroso-di-n-propyla...	8.375	70	334804	46.901	ng	98
20) 3+4-Methylphenols	8.492	107	482425	44.240	ng	96
22) Acetophenone	8.422	105	658880	42.082	ng	99
24) Nitrobenzene	8.827	77	486233	41.612	ng	98
25) Isophorone	9.280	82	923963	43.128	ng	99
26) 2-Nitrophenol	9.509	139	247215	43.773	ng	99
27) 2,4-Dimethylphenol	9.632	122	296382	41.704	ng	99
28) bis(2-Chloroethoxy)met...	9.779	93	543065	41.799	ng	99
29) 2,4-Dichlorophenol	10.061	162	413366	42.044	ng	100
30) 1,2,4-Trichlorobenzene	10.184	180	432858	40.415	ng	99
31) Naphthalene	10.390	128	1427648	40.628	ng	100
32) Benzoic acid	9.896	122	280040	39.965	ng	99
33) 4-Chloroaniline	10.613	127	560356	45.859	ng	99
34) Hexachlorobutadiene	10.637	225	255945	40.372	ng	99
35) Caprolactam	11.395	113	166215	44.104	ng	98
36) 4-Chloro-3-methylphenol	11.788	107	479680	42.850	ng	99
37) 2-Methylnaphthalene	11.976	142	1040801	41.112	ng	99
38) 1-Methylnaphthalene	12.206	142	1039012	41.122	ng	99
40) 1,2,4,5-Tetrachloroben...	12.335	216	508563	40.977	ng	100
41) Hexachlorocyclopentadiene	12.317	237	169665	41.393	ng	99
43) 2,4,6-Trichlorophenol	12.658	196	369991	43.244	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.758	196	417164	42.577	ng	100
46) 1,1'-Biphenyl	13.010	154	1390011	41.038	ng	99
47) 2-Chloronaphthalene	13.057	162	1102426	41.196	ng	99
48) 2-Nitroaniline	13.386	65	326383	45.320	ng	99
49) Acenaphthylene	13.915	152	1651908	41.742	ng	99
50) Dimethylphthalate	13.692	163	1435201	41.126	ng	100
51) 2,6-Dinitrotoluene	13.827	165	339386	42.124	ng	97
52) Acenaphthene	14.244	154	1064171	41.182	ng	99
53) 3-Nitroaniline	14.233	138	354038	44.191	ng	99
54) 2,4-Dinitrophenol	14.368	184	204189	38.780	ng	98
55) Dibenzofuran	14.591	168	1676523	40.705	ng	99
56) 4-Nitrophenol	14.650	139	305994	41.707	ng	99
57) 2,4-Dinitrotoluene	14.609	165	480487	43.318	ng	99
58) Fluorene	15.225	166	1418626	41.173	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.855	232	384198	42.441	ng	99
60) Diethylphthalate	15.014	149	1493405	40.913	ng	100
61) 4-Chlorophenyl-phenyle...	15.214	204	701783	41.046	ng	99
62) 4-Nitroaniline	15.419	138	385584	43.251	ng	99
63) Azobenzene	15.508	77	1304082	41.563	ng	99
65) 4,6-Dinitro-2-methylph...	15.349	198	274306	41.750	ng	99
66) n-Nitrosodiphenylamine	15.466	169	1234319	41.628	ng	99
67) 4-Bromophenyl-phenylether	16.101	248	491891	41.822	ng	96
68) Hexachlorobenzene	16.207	284	643314	41.729	ng	97
69) Atrazine	16.395	200	406439	44.711	ng	100
70) Pentachlorophenol	16.612	266	397449	44.788	ng	98
71) Phenanthrene	16.959	178	2206489	41.217	ng	100
72) Anthracene	17.047	178	2193019	41.954	ng	99
73) Carbazole	17.376	167	2216213	41.436	ng	100
74) Di-n-butylphthalate	17.822	149	2524597	42.876	ng	100
75) Fluoranthene	18.962	202	2654890	40.831	ng	99
77) Benzidine	19.221	184	902385	60.311	ng	100
78) Pyrene	19.332	202	2798951	43.174	ng	100
80) Butylbenzylphthalate	20.184	149	1229626	43.265	ng	99
81) Benzo(a)anthracene	21.060	228	2796518	42.205	ng	100
82) 3,3'-Dichlorobenzidine	21.036	252	1140565	43.941	ng	100
83) Chrysene	21.113	228	2666843	41.627	ng	99
84) Bis(2-ethylhexyl)phtha...	20.889	149	1683088	44.579	ng	99
85) Di-n-octyl phthalate	21.736	149	2752236	44.414	ng	100
87) Indeno(1,2,3-cd)pyrene	25.696	276	4140658	41.075	ng	100
88) Benzo(b)fluoranthene	22.658	252	3307474	42.134	ng	99
89) Benzo(k)fluoranthene	22.705	252	3044393	41.512	ng	99
90) Benzo(a)pyrene	23.257	252	2880588	41.960	ng	100
91) Dibenzo(a,h)anthracene	25.684	278	3469403	41.651	ng	99
92) Benzo(g,h,i)perylene	26.442	276	3517606	40.986	ng	99

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

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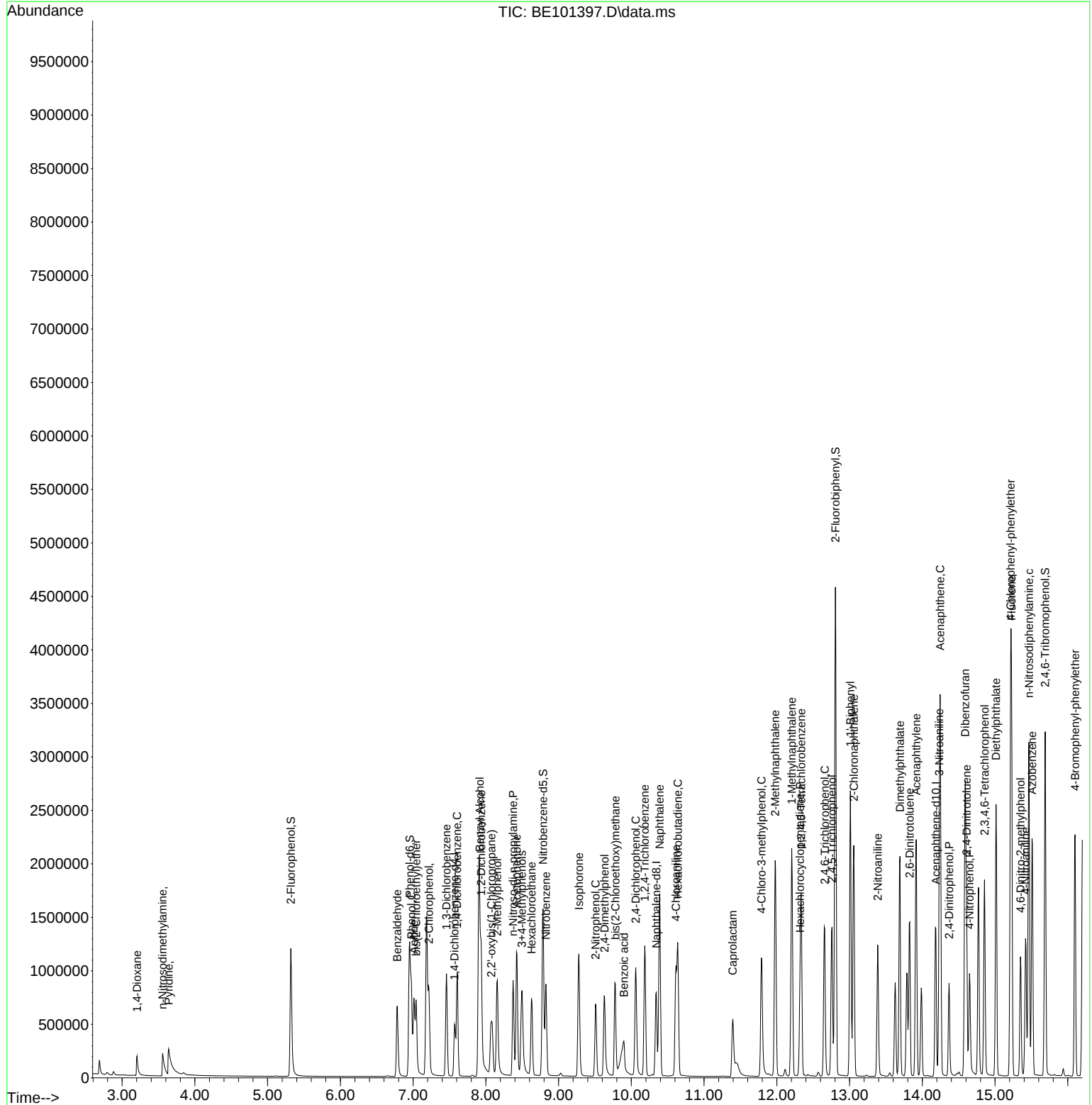
Manual Integrations

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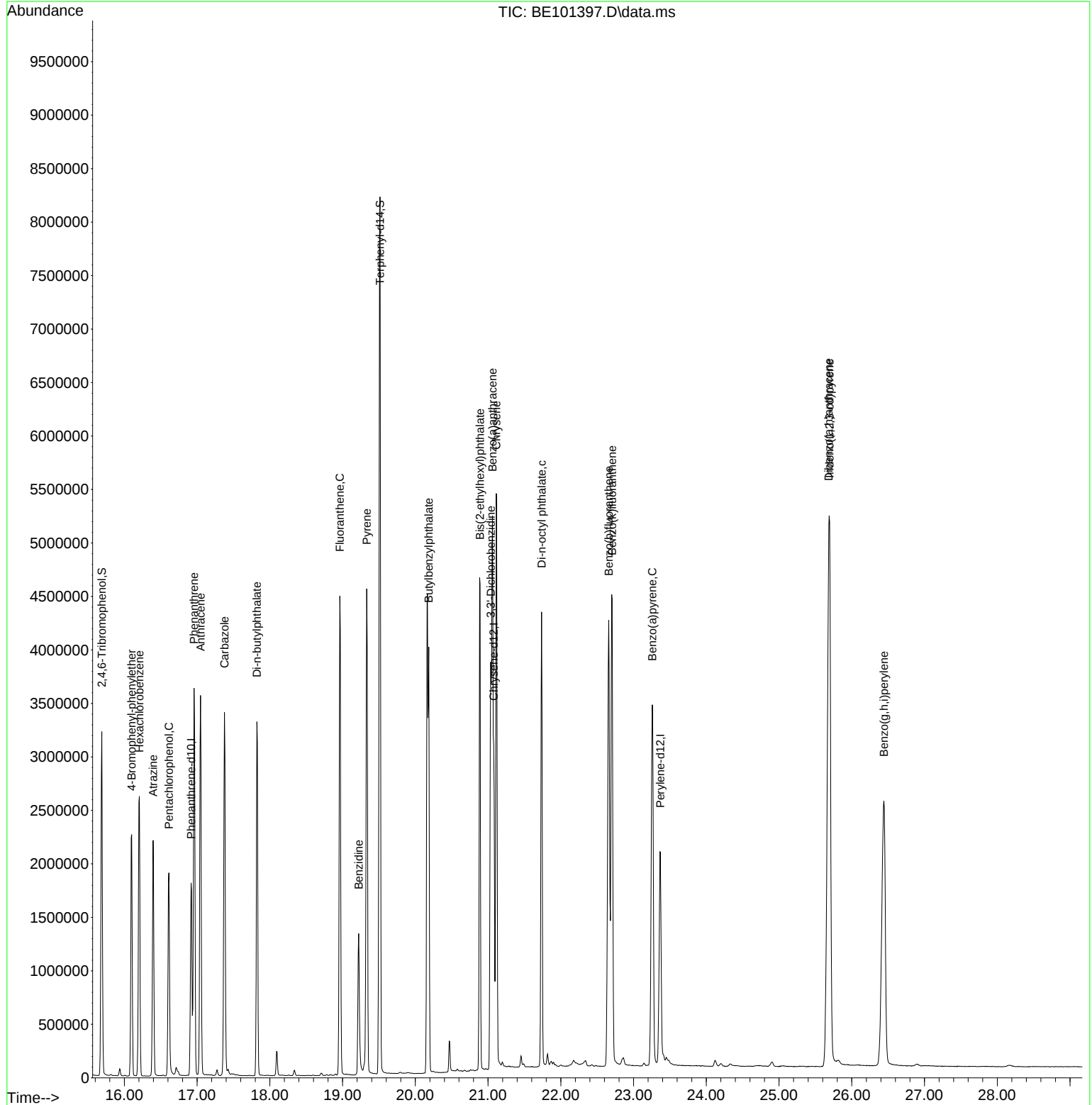
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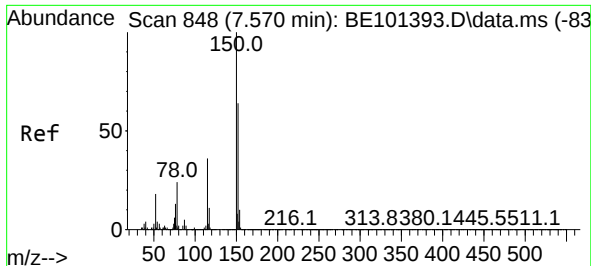
Instrument :
BNA_E
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.570 min Scan# 848
Delta R.T. -0.000 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

Instrument :

BNA_E

ClientSampleId :

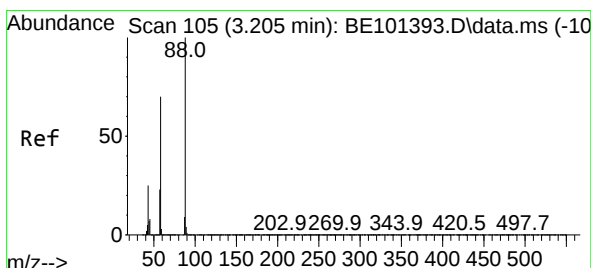
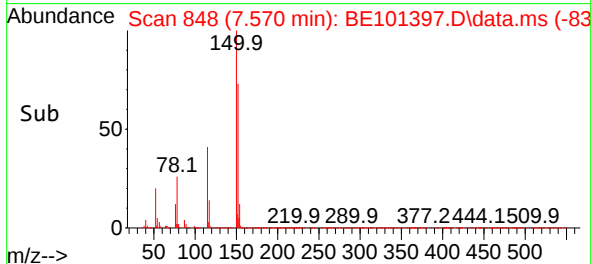
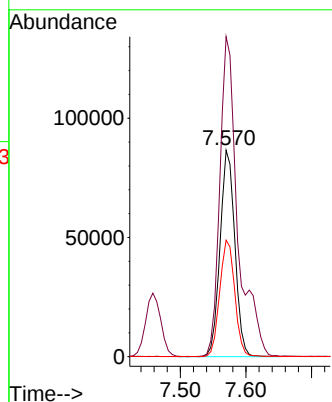
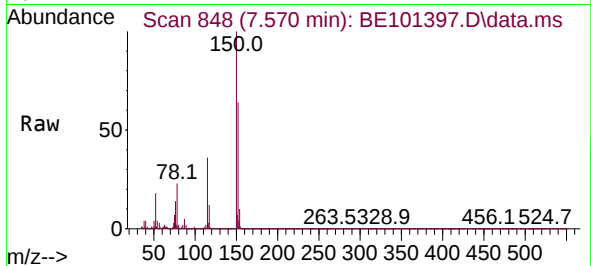
ICVBE102824

Tgt Ion:152 Resp: 135975
Ion Ratio Lower Upper
152 100
150 155.1 124.2 186.4
115 56.4 45.3 67.9

Manual Integrations

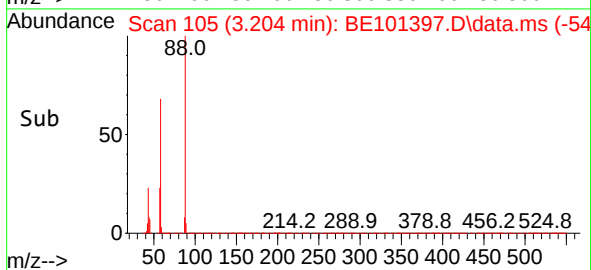
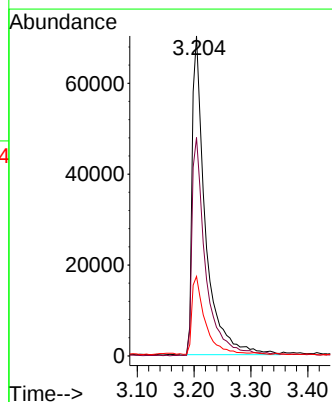
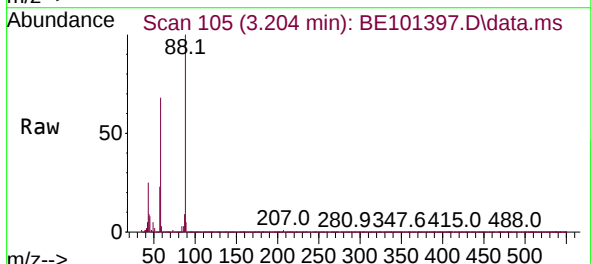
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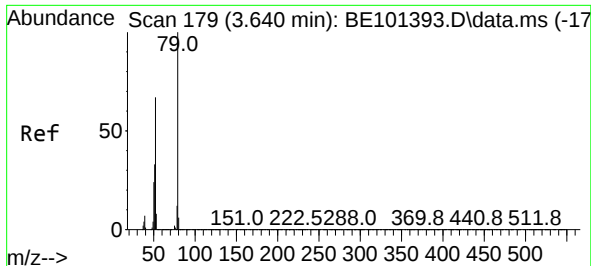
Reviewed By :Yogesh Patel 10/29/2024
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#2
1,4-Dioxane
Concen: 39.003 ng
RT: 3.204 min Scan# 105
Delta R.T. -0.001 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

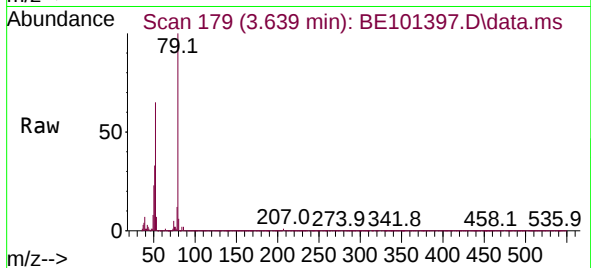
Tgt Ion: 88 Resp: 112859
Ion Ratio Lower Upper
88 100
58 71.9 56.5 84.7
43 24.5 19.8 29.8





#3
Pyridine
Concen: 41.845 ng m
RT: 3.639 min Scan# 179
Delta R.T. -0.001 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

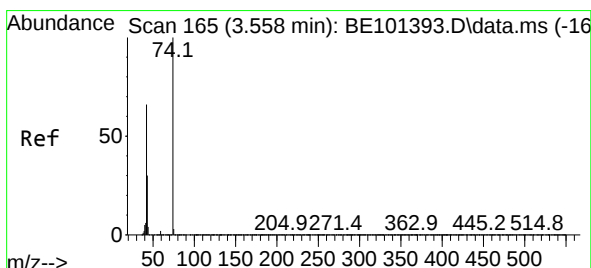
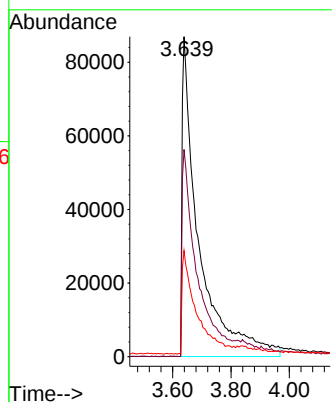
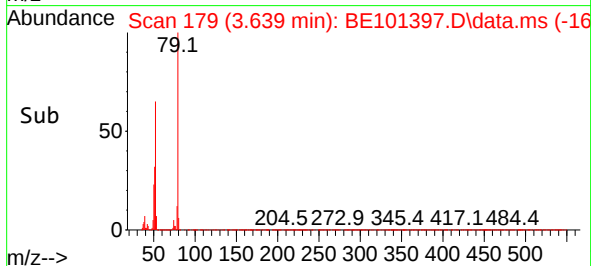
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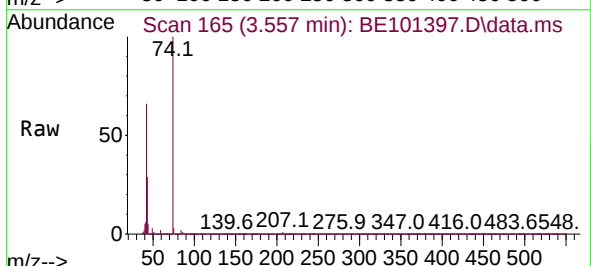
Tgt Ion: 79 Resp: 342562
Ion Ratio Lower Upper
79 100
52 64.7 53.3 79.9
51 33.1 27.3 40.9

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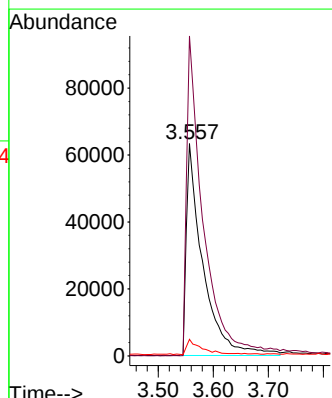
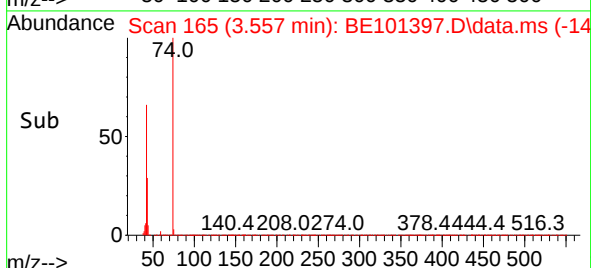
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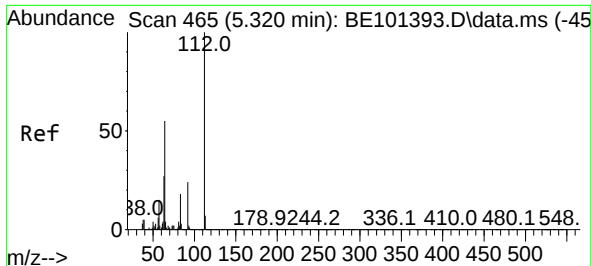


#4
n-Nitrosodimethylamine
Concen: 41.530 ng
RT: 3.557 min Scan# 165
Delta R.T. -0.001 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37



Tgt Ion: 42 Resp: 131547
Ion Ratio Lower Upper
42 100
74 150.7 121.4 182.0
44 7.8 5.6 8.4





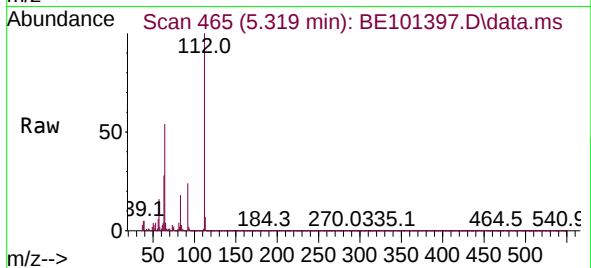
#5
2-Fluorophenol
Concen: 82.839 ng
RT: 5.319 min Scan# 465
Delta R.T. -0.001 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

Instrument :

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ClientSampleId :

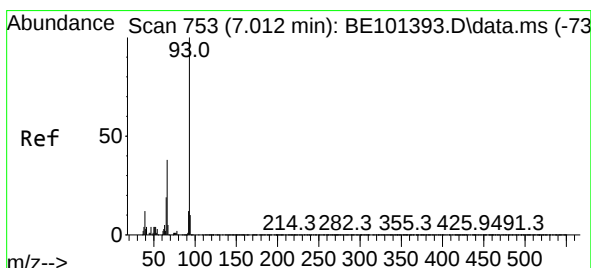
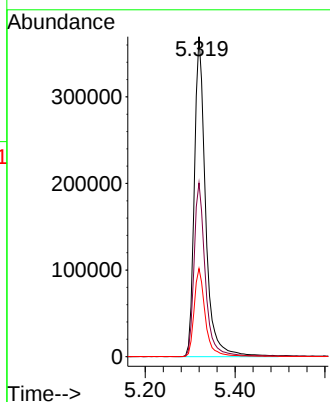
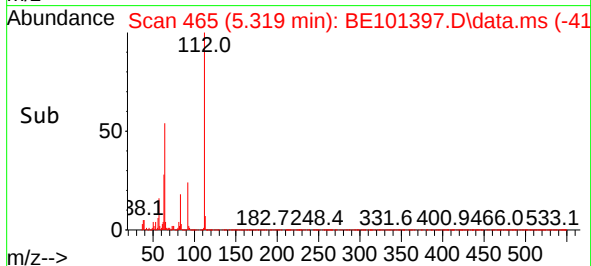
ICVBE102824



Tgt Ion:112 Resp: 642682
Ion Ratio Lower Upper
112 100
64 54.3 43.7 65.5
63 27.5 21.4 32.2

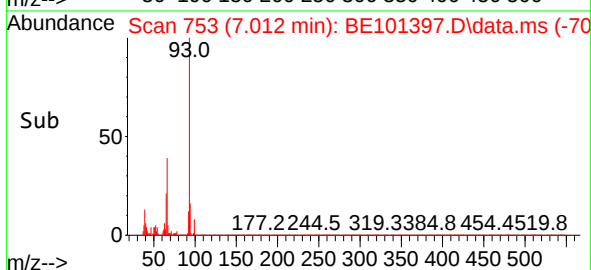
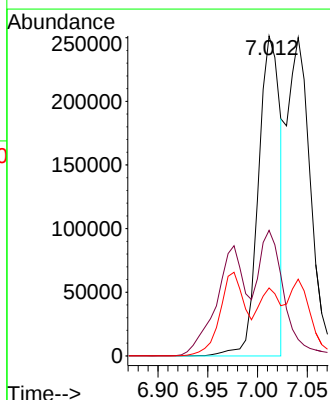
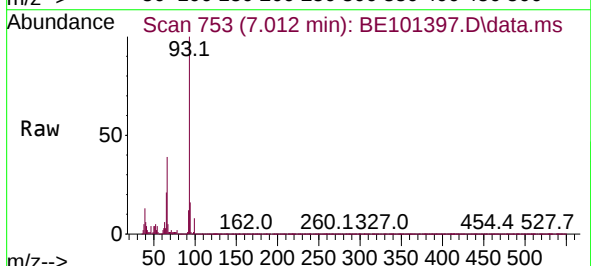
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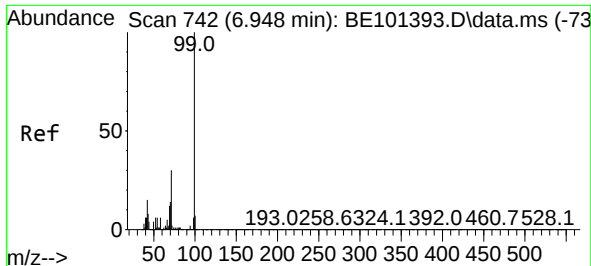
Reviewed By :Yogesh Patel 10/29/2024
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#6
Aniline
Concen: 46.299 ng m
RT: 7.012 min Scan# 753
Delta R.T. -0.001 min
Lab File: BE101397.D
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Tgt Ion: 93 Resp: 381702
Ion Ratio Lower Upper
93 100
66 39.2 31.0 46.4
65 21.2 15.5 23.3





#7

Phenol-d6

Concen: 87.746 ng

RT: 6.953 min Scan# 742

Delta R.T. 0.005 min

Lab File: BE101397.D

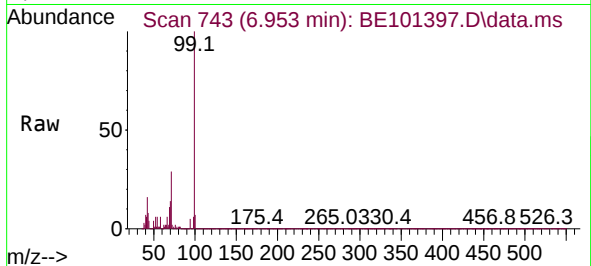
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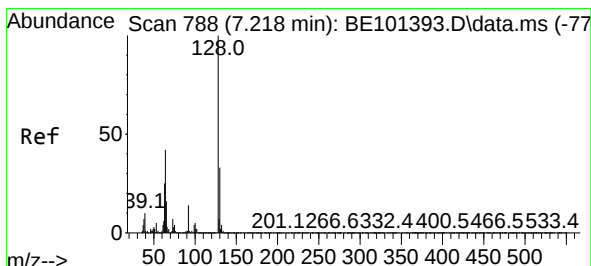
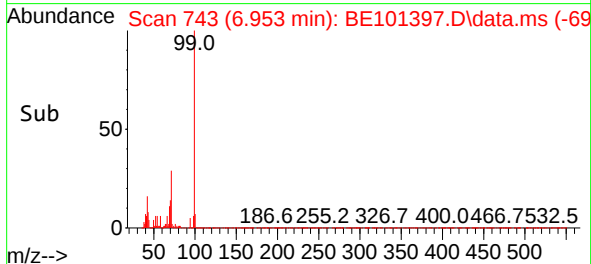
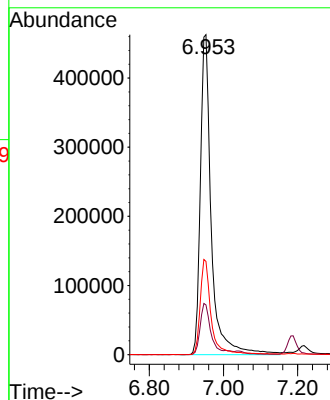
Tgt Ion:	99	Resp:	943928
Ion Ratio	100	Lower	Upper
99	100		
42	15.5	12.3	18.5
71	29.1	23.8	35.8

Manual Integrations

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#8

2-Chlorophenol

Concen: 42.354 ng

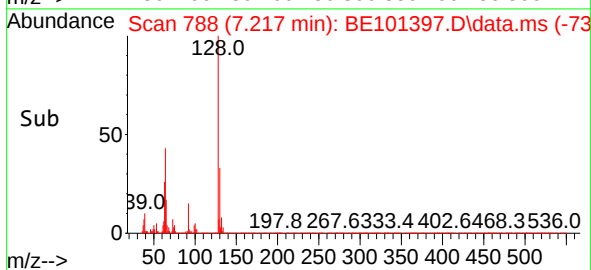
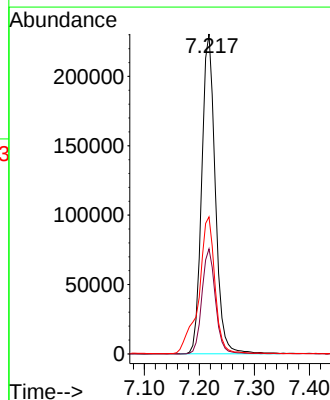
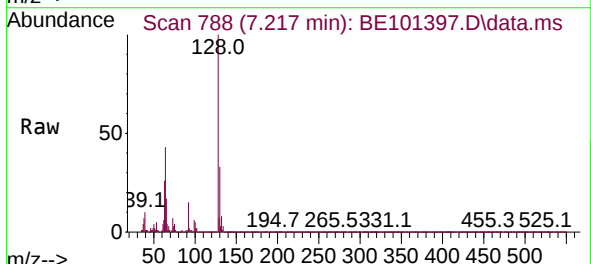
RT: 7.217 min Scan# 788

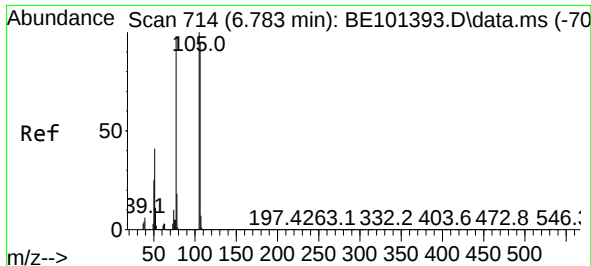
Delta R.T. -0.001 min

Lab File: BE101397.D

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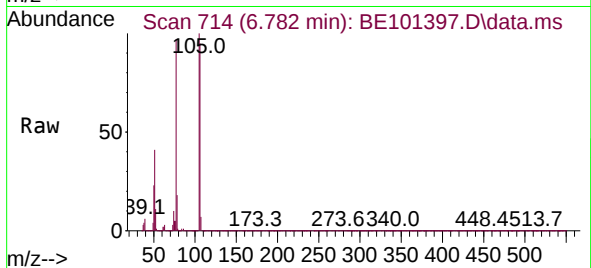
Tgt Ion:	128	Resp:	394111
Ion Ratio	100	Lower	Upper
128	100		
130	32.8	12.9	52.9
64	42.8	22.3	62.3





#9
Benzaldehyde
Concen: 46.978 ng
RT: 6.782 min Scan# 714
Delta R.T. -0.001 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

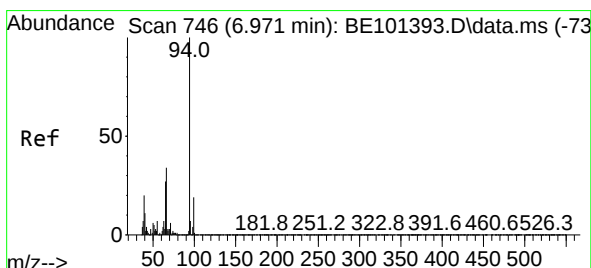
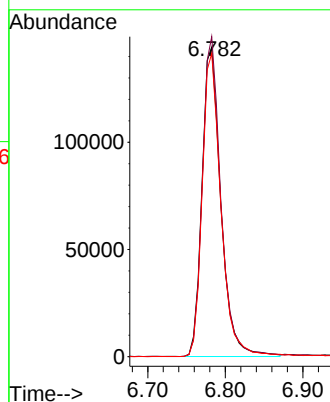
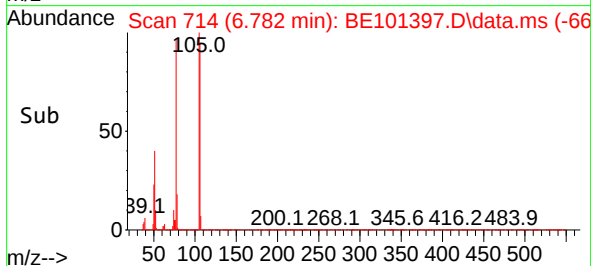
Instrument :
BNA_E
Client Sample Id :
ICVBE102824



Tgt Ion: 77 Resp: 243959
Ion Ratio Lower Upper
77 100
105 103.5 81.9 121.9
106 98.0 76.5 116.5

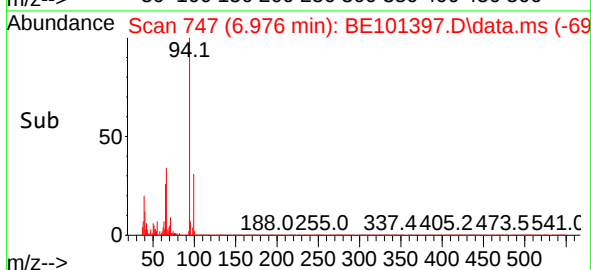
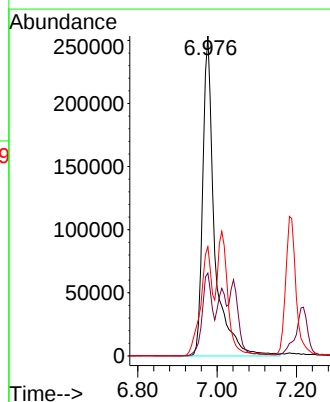
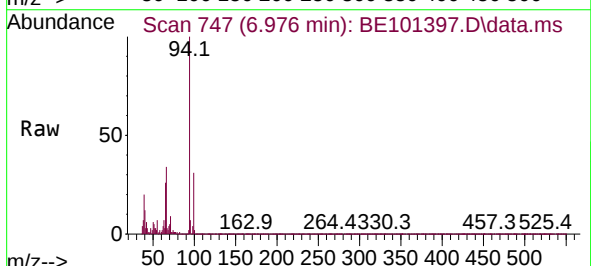
Manual Integrations
APPROVED

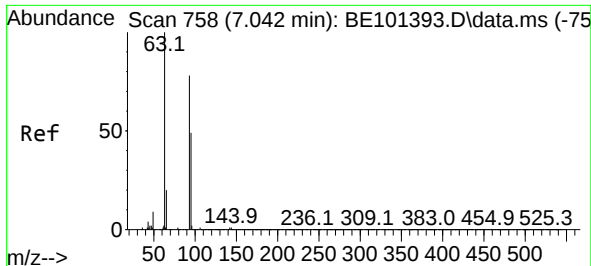
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#10
Phenol
Concen: 44.977 ng
RT: 6.976 min Scan# 747
Delta R.T. 0.005 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

Tgt Ion: 94 Resp: 524973
Ion Ratio Lower Upper
94 100
65 25.9 6.8 46.8
66 34.2 14.0 54.0





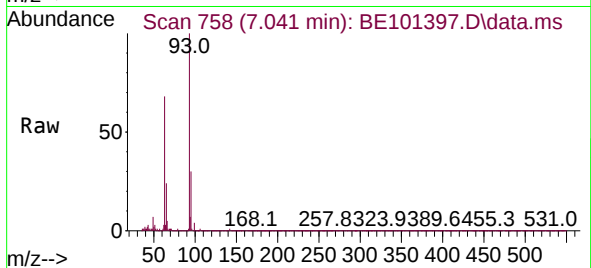
#11
bis(2-Chloroethyl)ether
Concen: 36.844 ng
RT: 7.041 min Scan# 758
Delta R.T. -0.001 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

Instrument :

BNA_E

ClientSampleId :

ICVBE102824



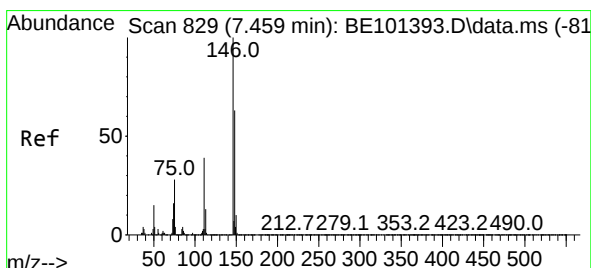
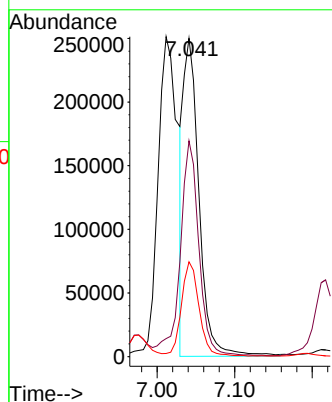
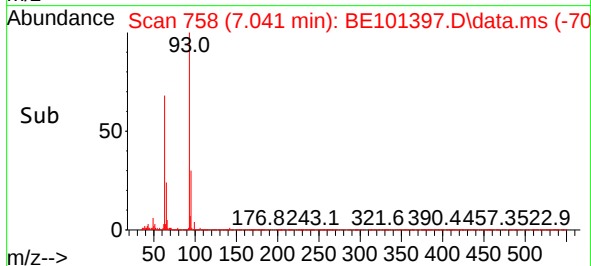
Tgt Ion: 93 Resp: 352789
Ion Ratio Lower Upper
93 100
63 67.8 46.3 86.3
95 29.8 9.6 49.6

Manual Integrations

APPROVED

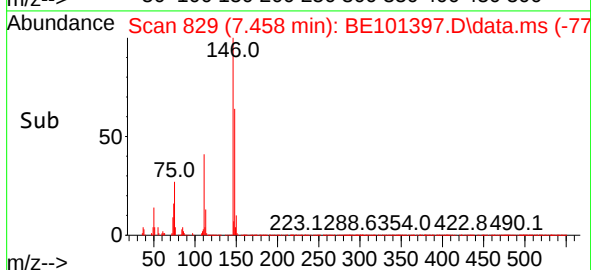
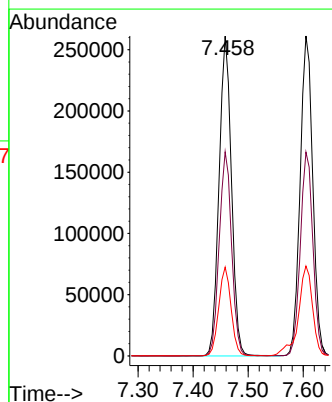
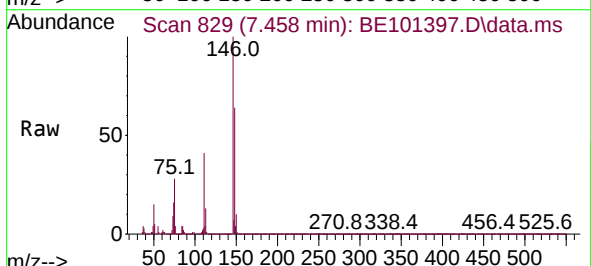
Reviewed By :Yogesh Patel 10/29/2024

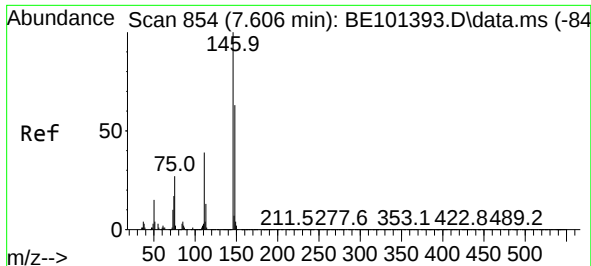
Supervised By :mohammad ahmed 10/30/2024



#12
1,3-Dichlorobenzene
Concen: 40.619 ng
RT: 7.458 min Scan# 829
Delta R.T. -0.001 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

Tgt Ion:146 Resp: 407554
Ion Ratio Lower Upper
146 100
148 63.9 50.5 75.7
75 27.7 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 40.617 ng

RT: 7.605 min Scan# 854

Delta R.T. -0.001 min

Lab File: BE101397.D

Acq: 28 Oct 2024 16:37

Instrument :

BNA_E

ClientSampleId :

ICVBE102824

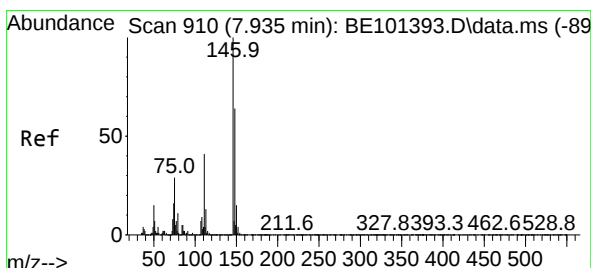
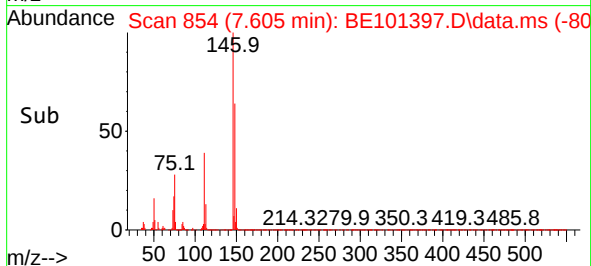
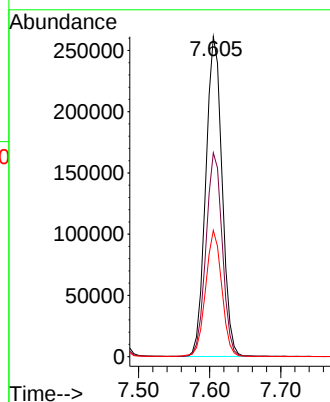
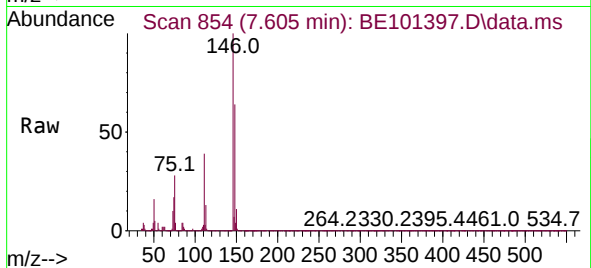
Tgt Ion:	146	Resp:	416170
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.2	75.2
111	39.4	31.6	47.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/30/2024



#14

1,2-Dichlorobenzene

Concen: 41.544 ng

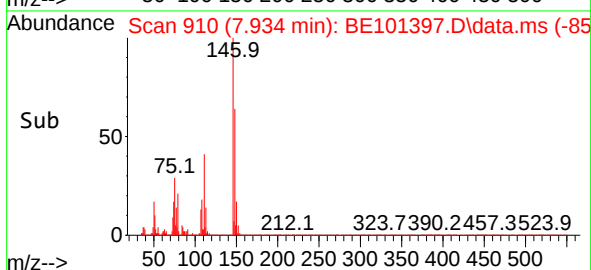
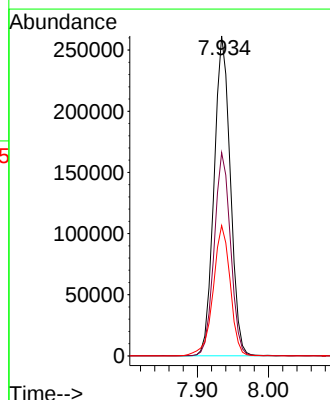
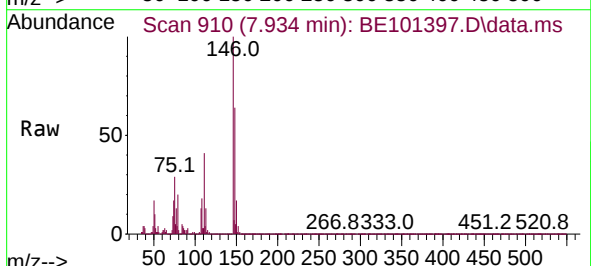
RT: 7.934 min Scan# 910

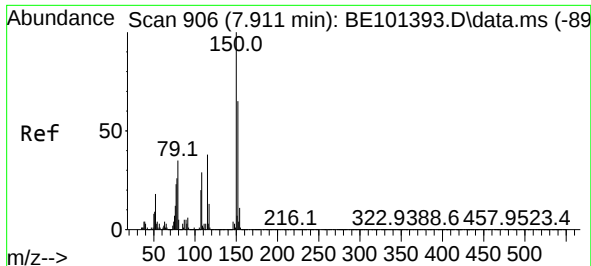
Delta R.T. -0.001 min

Lab File: BE101397.D

Acq: 28 Oct 2024 16:37

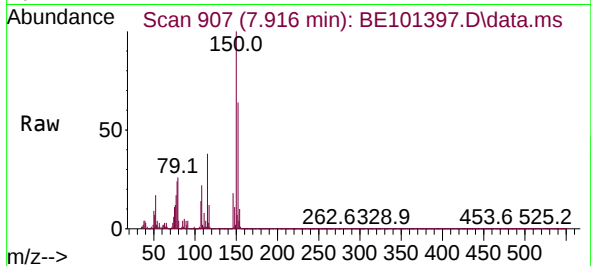
Tgt Ion:	146	Resp:	416666
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.4	77.2
111	40.7	32.8	49.2





#15
Benzyl Alcohol
Concen: 43.735 ng
RT: 7.916 min Scan# 906
Delta R.T. 0.005 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

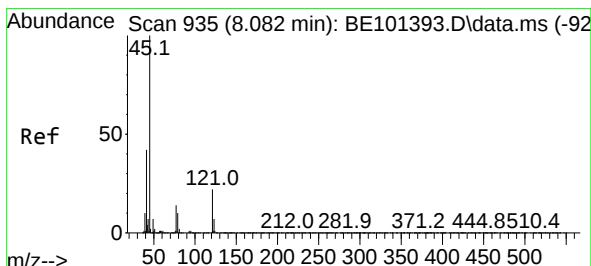
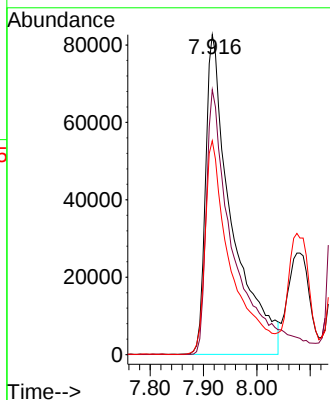
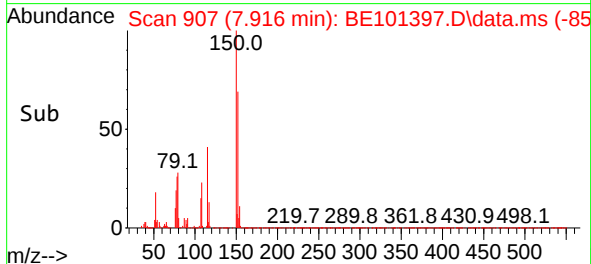
Instrument :
BNA_E
Client Sample Id :
ICVBE102824



Tgt Ion: 79 Resp: 28044
Ion Ratio Lower Upper
79 100
108 82.8 66.1 99.1
77 66.8 53.1 79.7

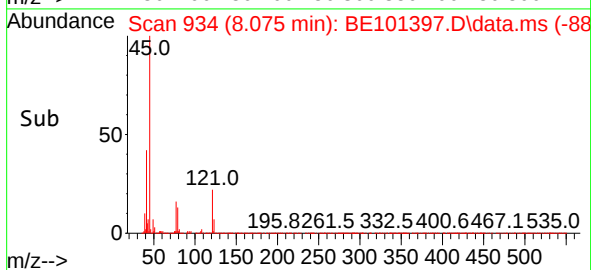
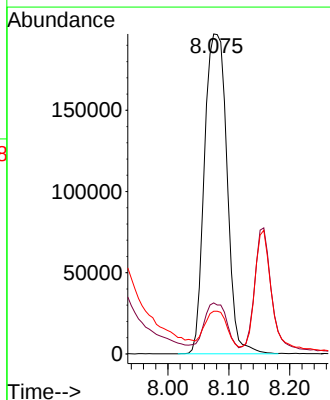
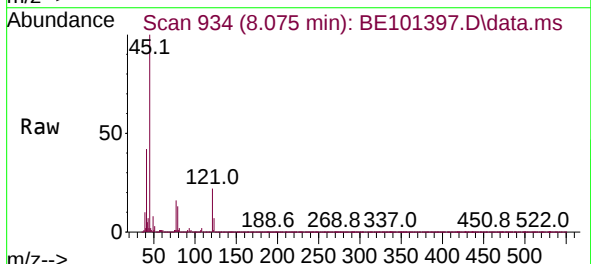
Manual Integrations
APPROVED

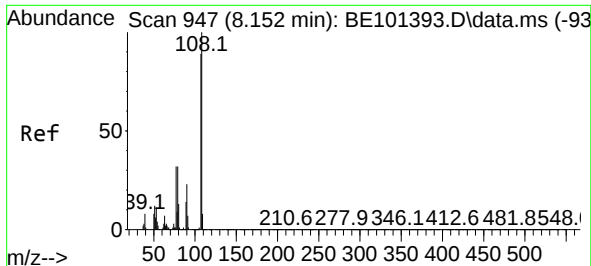
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.877 ng
RT: 8.075 min Scan# 934
Delta R.T. -0.007 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

Tgt Ion: 45 Resp: 504614
Ion Ratio Lower Upper
45 100
77 15.9 0.0 34.5
79 13.3 0.0 31.8





#17
2-Methylphenol
Concen: 42.832 ng
RT: 8.157 min Scan# 947
Delta R.T. 0.005 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

Instrument :

BNA_E

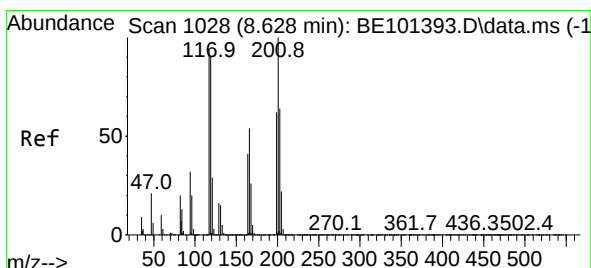
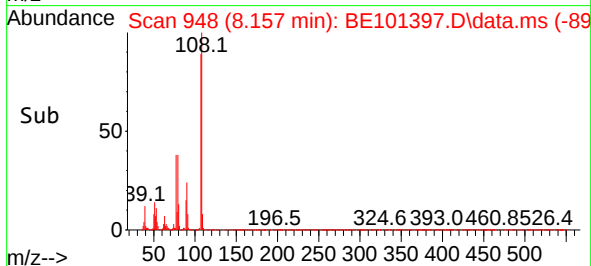
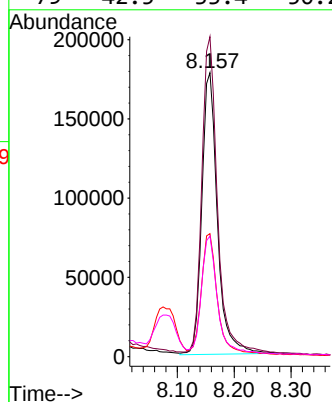
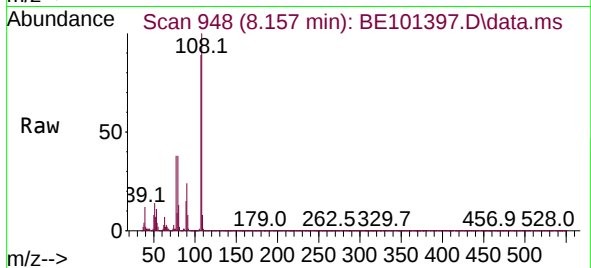
ClientSampleId :

ICVBE102824

Tgt Ion:107 Resp: 338362
Ion Ratio Lower Upper
107 100
108 112.7 90.0 135.0
77 43.3 34.2 51.4
79 42.5 33.4 50.2

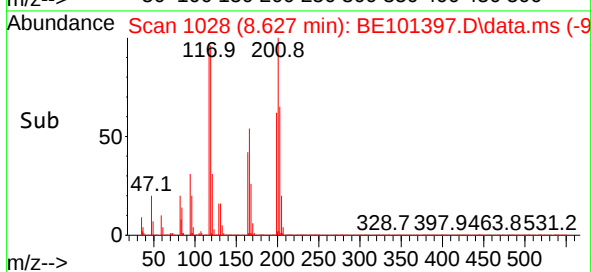
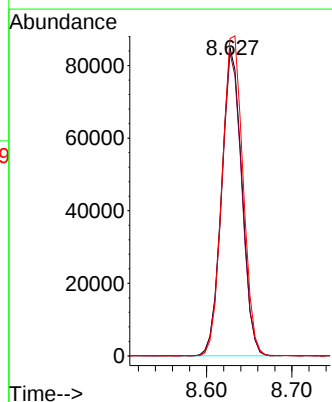
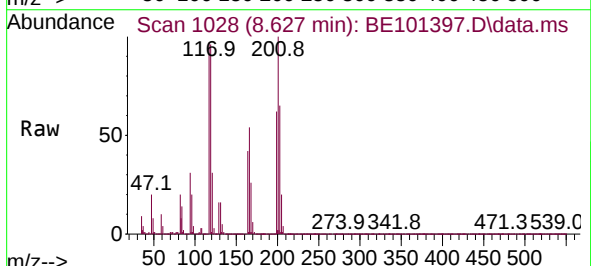
Manual Integrations
APPROVED

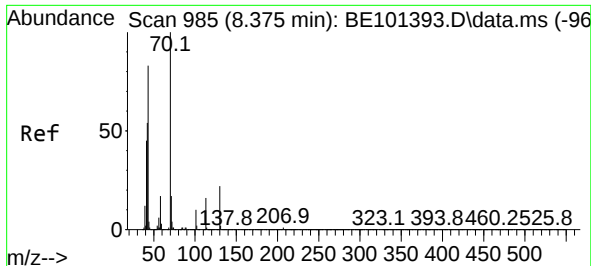
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#18
Hexachloroethane
Concen: 41.877 ng
RT: 8.627 min Scan# 1028
Delta R.T. -0.001 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

Tgt Ion:117 Resp: 140124
Ion Ratio Lower Upper
117 100
119 98.4 77.0 115.4
201 103.0 85.3 127.9





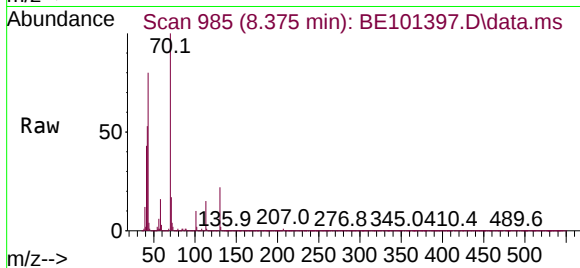
#19
n-Nitroso-di-n-propylamine
Concen: 46.901 ng
RT: 8.375 min Scan# 985
Delta R.T. -0.001 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

Instrument :

BNA_E

ClientSampleId :

ICVBE102824



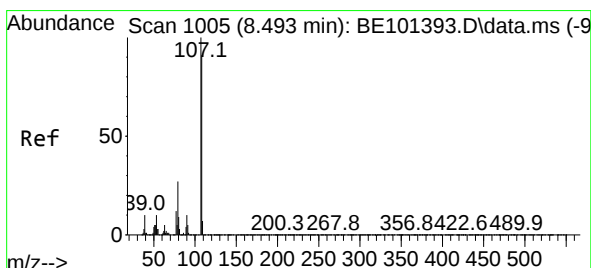
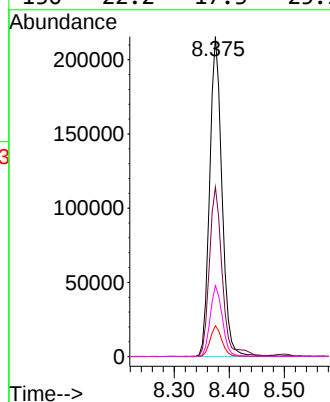
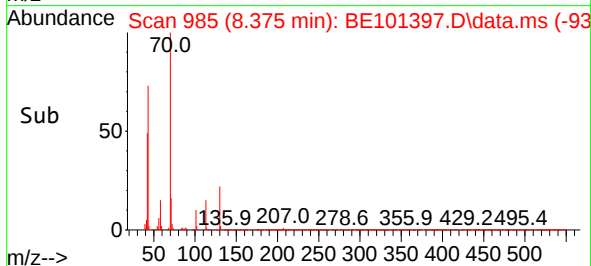
Tgt Ion: 70 Resp: 334804
Ion Ratio Lower Upper
70 100
42 53.0 43.4 65.0
101 9.6 8.1 12.1
130 22.2 17.3 25.9

Manual Integrations

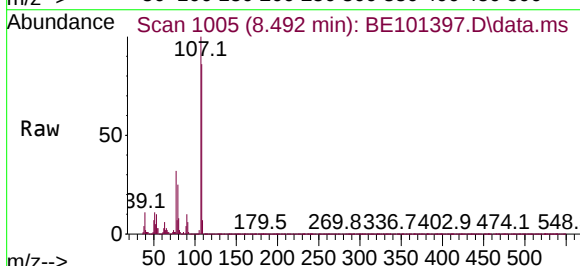
APPROVED

Reviewed By :Yogesh Patel 10/29/2024

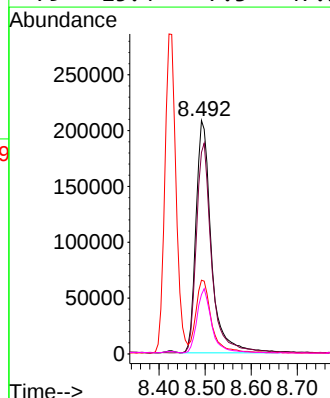
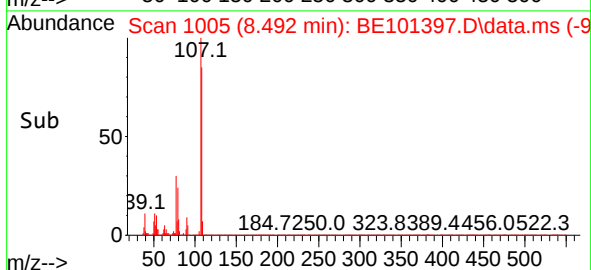
Supervised By :mohammad ahmed 10/30/2024

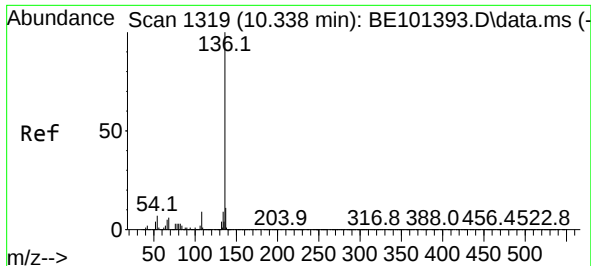


#20
3+4-Methylphenols
Concen: 44.240 ng
RT: 8.492 min Scan# 1005
Delta R.T. -0.001 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37



Tgt Ion:107 Resp: 482425
Ion Ratio Lower Upper
107 100
108 86.3 70.6 110.6
77 31.5 11.3 51.3
79 25.4 7.3 47.3





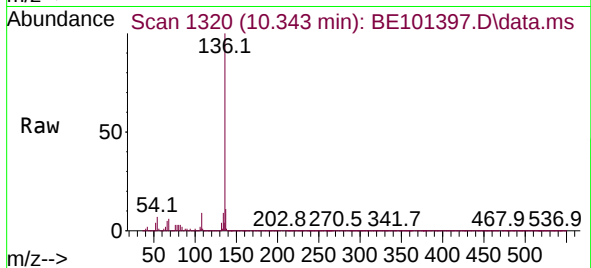
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.343 min Scan# 1319
Delta R.T. 0.005 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

Instrument :

BNA_E

ClientSampleId :

ICVBE102824



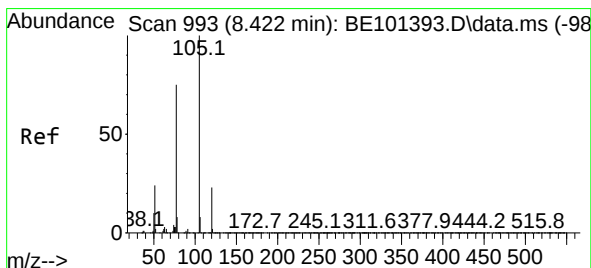
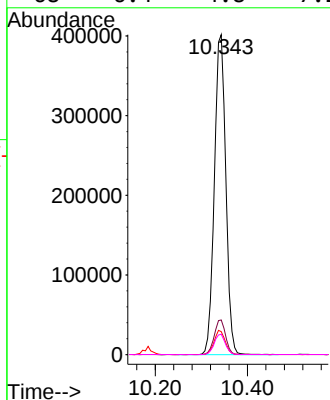
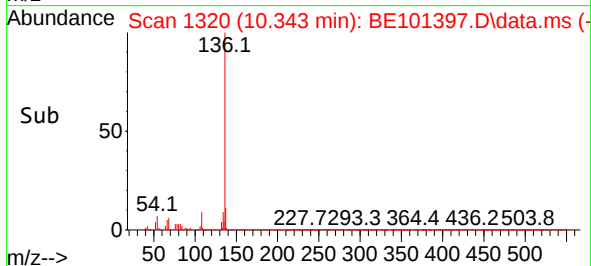
Tgt Ion:136 Resp: 689556
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 7.2 5.9 8.9
68 6.4 4.8 7.2

Manual Integrations

APPROVED

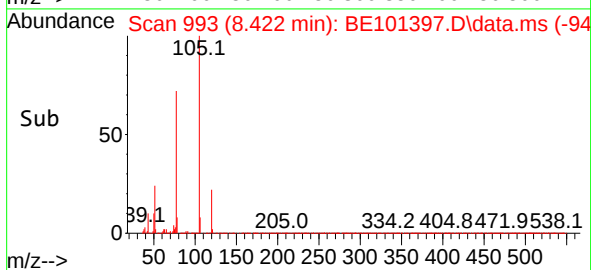
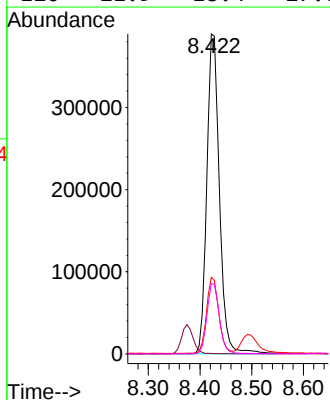
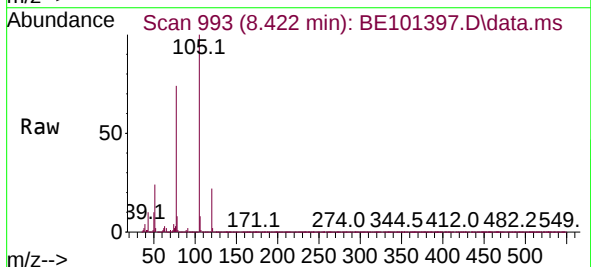
Reviewed By :Yogesh Patel 10/29/2024

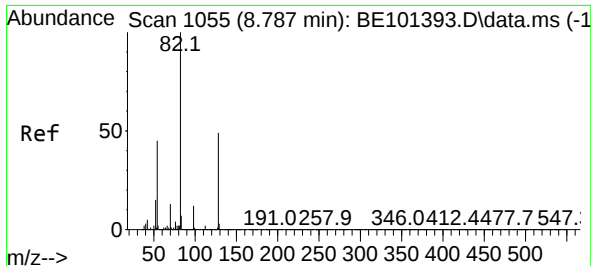
Supervised By :mohammad ahmed 10/30/2024



#22
Acetophenone
Concen: 42.082 ng
RT: 8.422 min Scan# 993
Delta R.T. -0.001 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

Tgt Ion:105 Resp: 658880
Ion Ratio Lower Upper
105 100
71 0.1 0.1 0.1
51 23.9 19.4 29.0
120 21.9 18.4 27.6





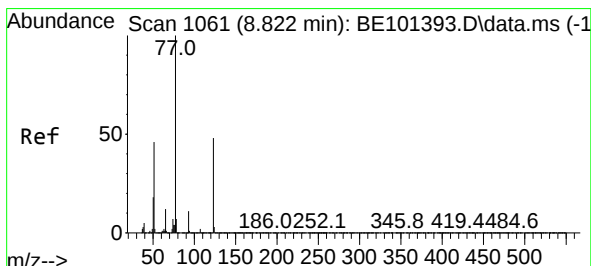
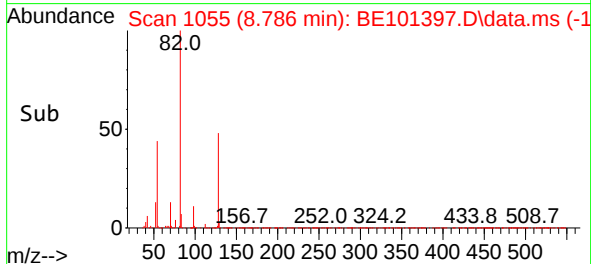
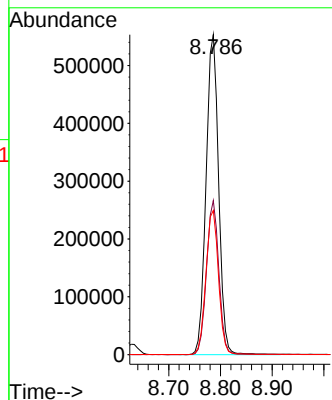
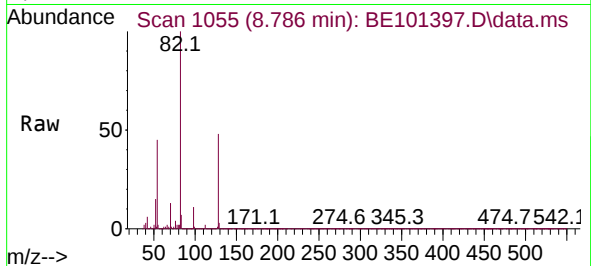
#23
Nitrobenzene-d5
Concen: 84.816 ng
RT: 8.786 min Scan# 1055
Delta R.T. -0.001 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

Instrument :
BNA_E
ClientSampleId :
ICVBE102824

Tgt Ion: 82 Resp: 931158
Ion Ratio Lower Upper
82 100
128 48.1 38.9 58.3
54 45.0 36.2 54.4

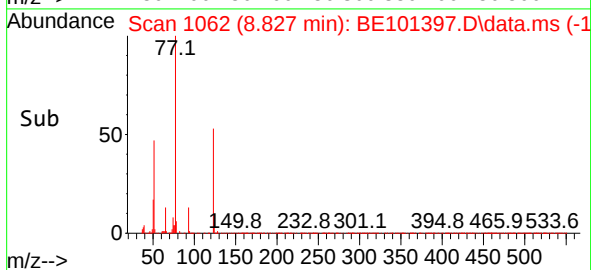
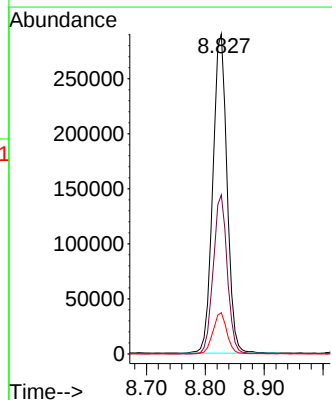
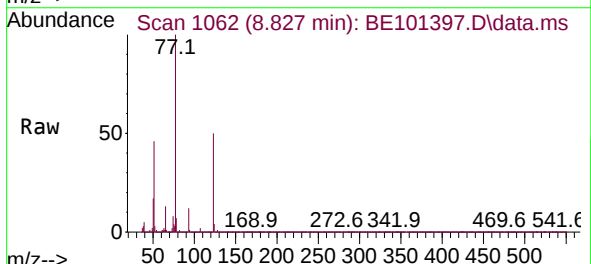
Manual Integrations
APPROVED

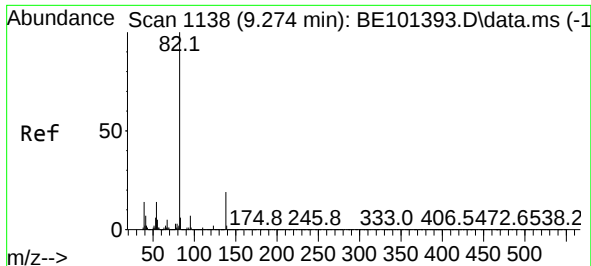
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#24
Nitrobenzene
Concen: 41.612 ng
RT: 8.827 min Scan# 1062
Delta R.T. 0.005 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

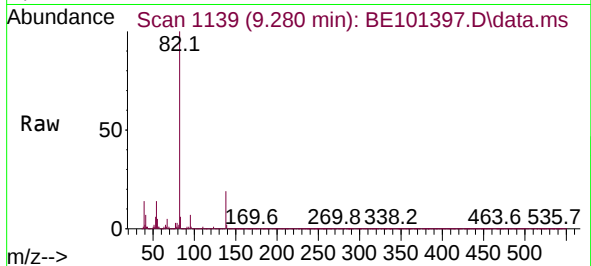
Tgt Ion: 77 Resp: 486233
Ion Ratio Lower Upper
77 100
123 49.7 38.7 58.1
65 12.9 10.0 15.0





#25
Isophorone
Concen: 43.128 ng
RT: 9.280 min Scan# 1138
Delta R.T. 0.005 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

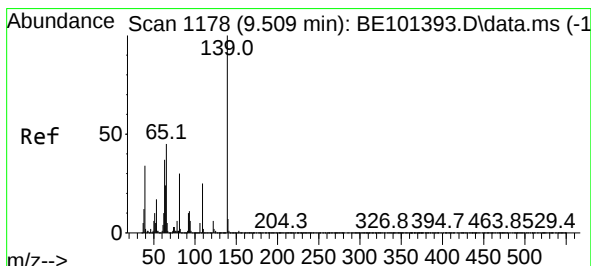
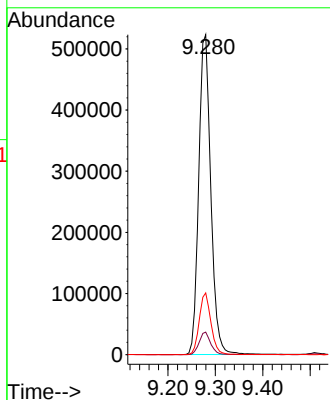
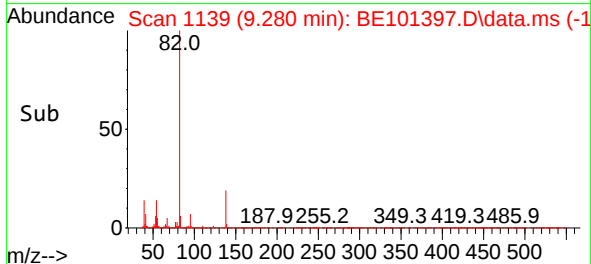
Instrument :
BNA_E
ClientSampleId :
ICVBE102824



Tgt Ion: 82 Resp: 923963
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 19.3 15.0 22.4

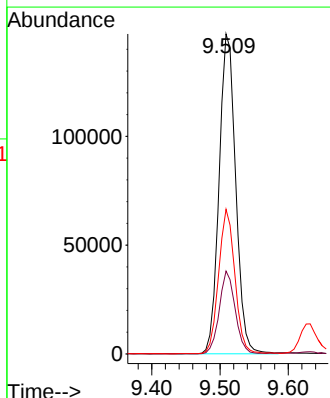
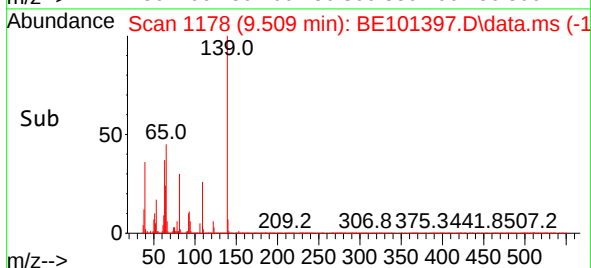
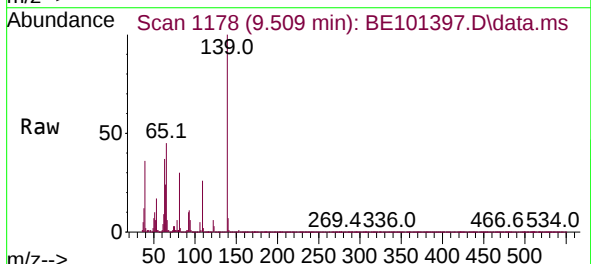
Manual Integrations
APPROVED

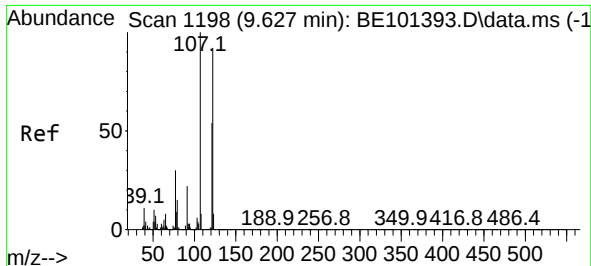
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#26
2-Nitrophenol
Concen: 43.773 ng
RT: 9.509 min Scan# 1178
Delta R.T. -0.001 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

Tgt Ion:139 Resp: 247215
Ion Ratio Lower Upper
139 100
109 25.9 20.1 30.1
65 45.2 36.0 54.0





#27

2,4-Dimethylphenol

Concen: 41.704 ng

RT: 9.632 min Scan# 1199

Delta R.T. 0.005 min

Lab File: BE101397.D

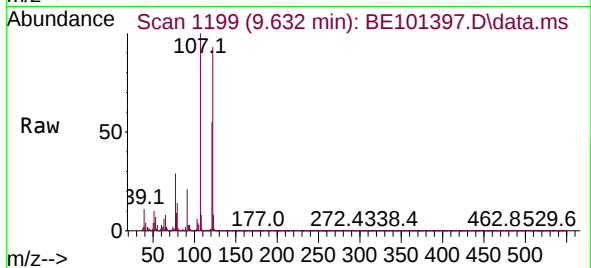
Acq: 28 Oct 2024 16:37

Instrument :

BNA_E

ClientSampleId :

ICVBE102824



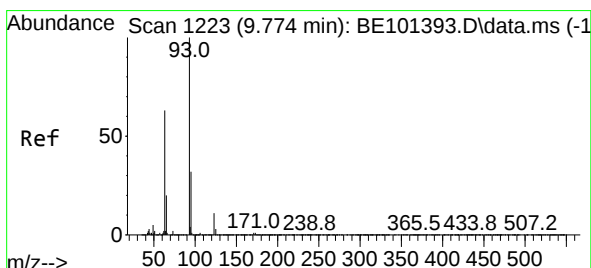
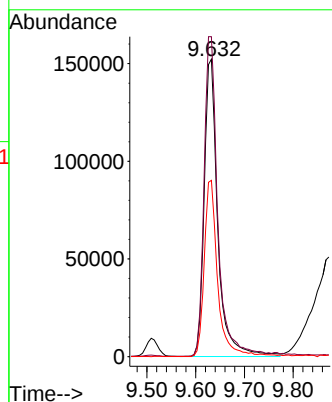
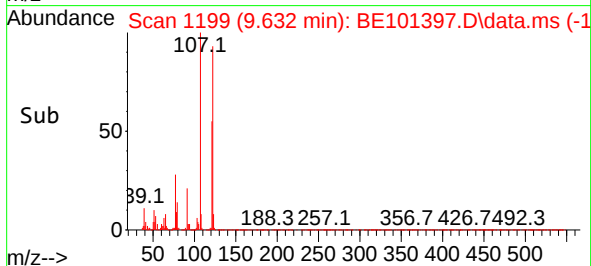
Tgt Ion:	122	Resp:	296382
Ion	Ratio	Lower	Upper
122	100		
107	107.6	87.4	131.0
121	59.3	47.4	71.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/30/2024



#28

bis(2-Chloroethoxy)methane

Concen: 41.799 ng

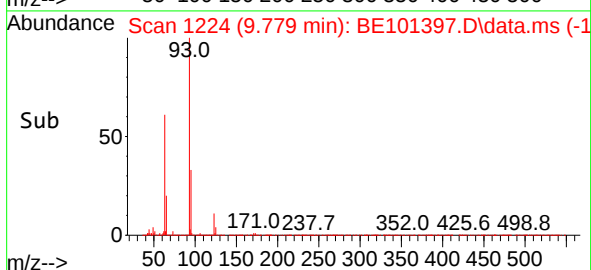
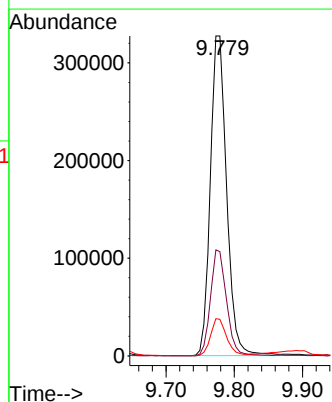
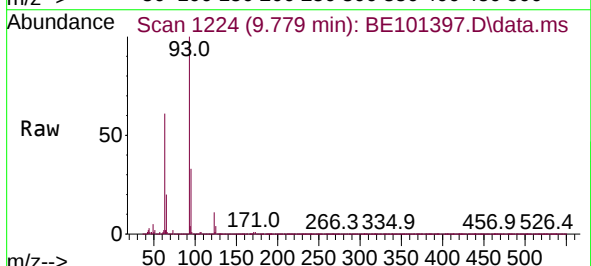
RT: 9.779 min Scan# 1224

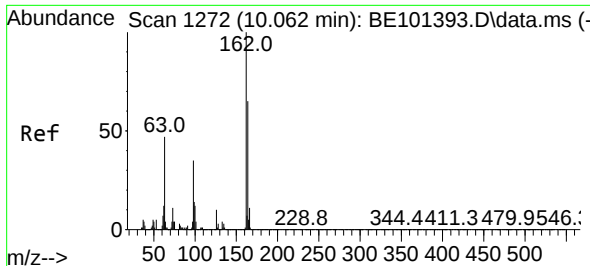
Delta R.T. 0.005 min

Lab File: BE101397.D

Acq: 28 Oct 2024 16:37

Tgt Ion:	93	Resp:	543065
Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.8	38.6
123	11.4	8.6	13.0





#29
2,4-Dichlorophenol
Concen: 42.044 ng
RT: 10.061 min Scan# 1272
Delta R.T. -0.001 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

Instrument :

BNA_E

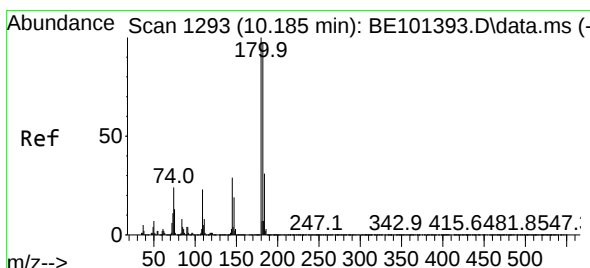
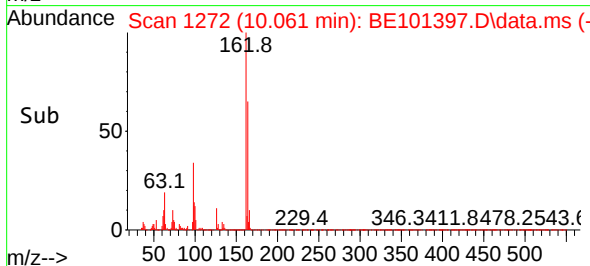
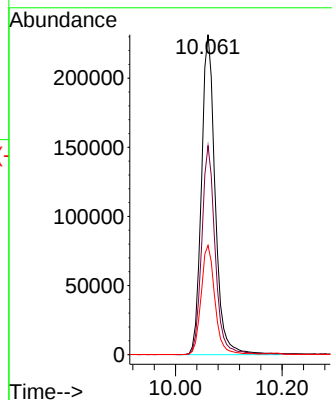
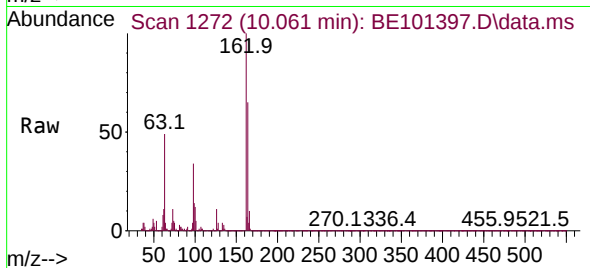
ClientSampleId :

ICVBE102824

Tgt Ion:162 Resp: 413366
Ion Ratio Lower Upper
162 100
164 65.3 45.4 85.4
98 34.1 14.5 54.5

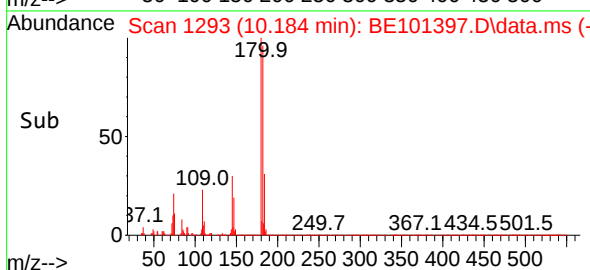
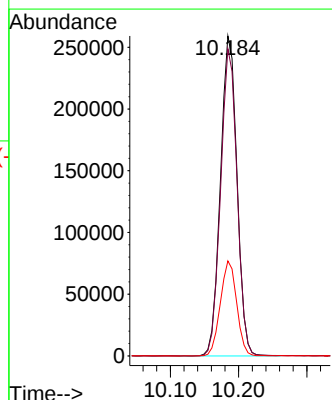
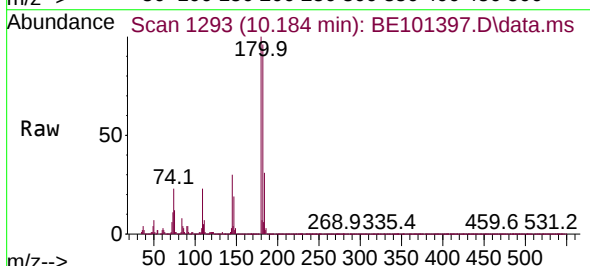
Manual Integrations
APPROVED

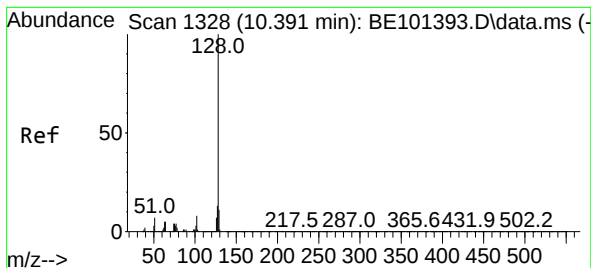
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#30
1,2,4-Trichlorobenzene
Concen: 40.415 ng
RT: 10.184 min Scan# 1293
Delta R.T. -0.001 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

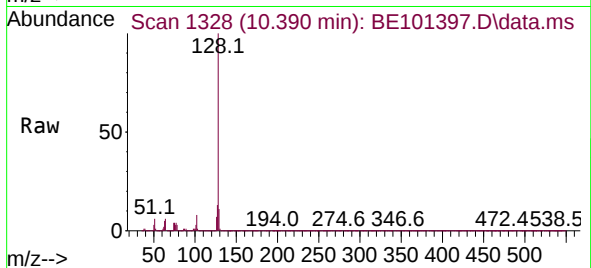
Tgt Ion:180 Resp: 432858
Ion Ratio Lower Upper
180 100
182 96.0 77.4 116.0
145 29.7 23.3 34.9





#31
Naphthalene
Concen: 40.628 ng
RT: 10.390 min Scan# 1328
Delta R.T. -0.001 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

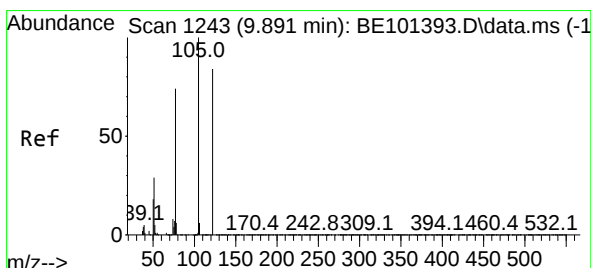
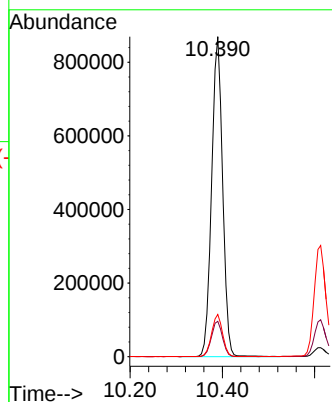
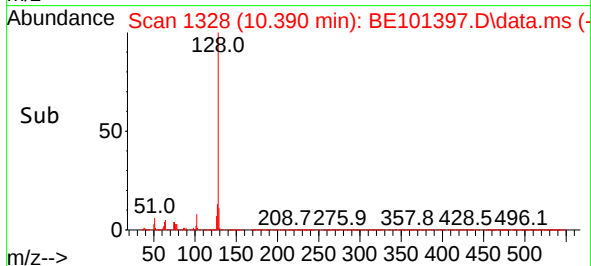
Instrument :
BNA_E
ClientSampleId :
ICVBE102824



Tgt Ion:128 Resp: 1427648
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.2 10.3 15.5

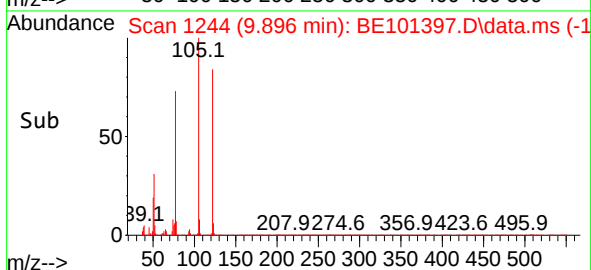
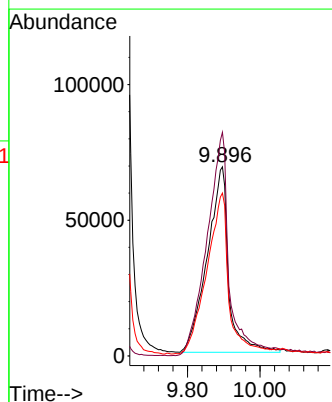
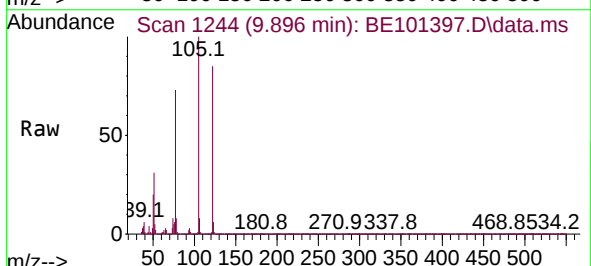
Manual Integrations
APPROVED

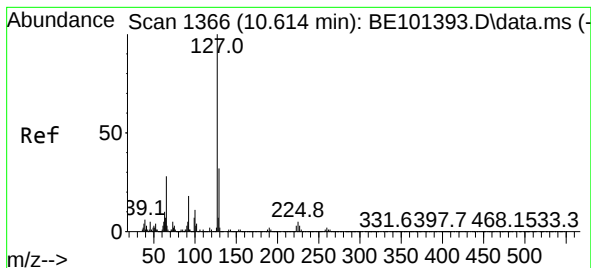
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#32
Benzoic acid
Concen: 39.965 ng
RT: 9.896 min Scan# 1244
Delta R.T. 0.005 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

Tgt Ion:122 Resp: 280040
Ion Ratio Lower Upper
122 100
105 118.3 97.9 137.9
77 86.1 68.1 108.1





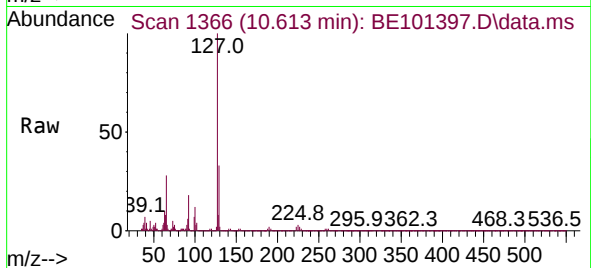
#33
4-Chloroaniline
Concen: 45.859 ng
RT: 10.613 min Scan# 1366
Delta R.T. -0.001 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

Instrument :

BNA_E

ClientSampleId :

ICVBE102824



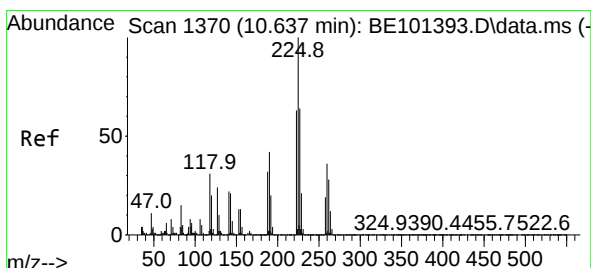
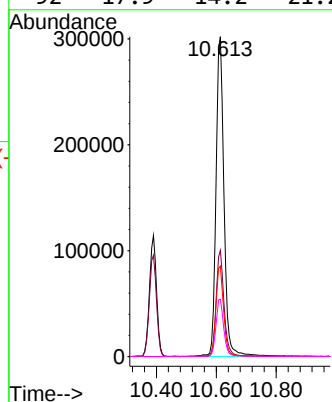
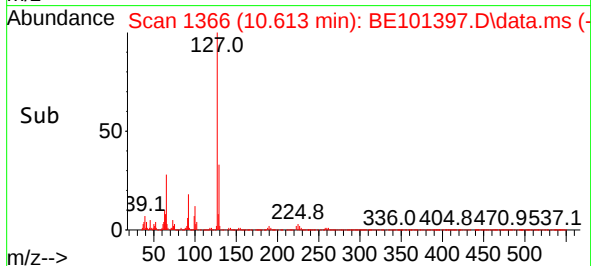
Tgt Ion:127 Resp: 560356
Ion Ratio Lower Upper
127 100
129 33.2 25.7 38.5
65 28.3 22.2 33.4
92 17.9 14.2 21.2

Manual Integrations

APPROVED

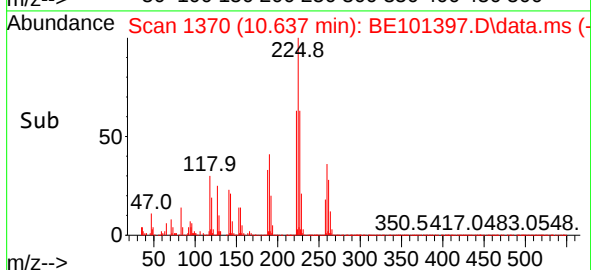
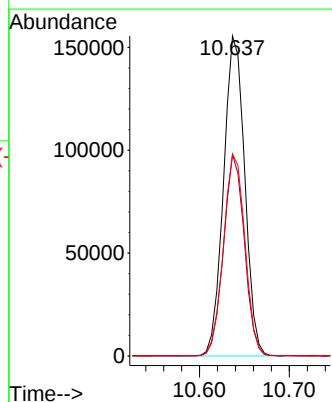
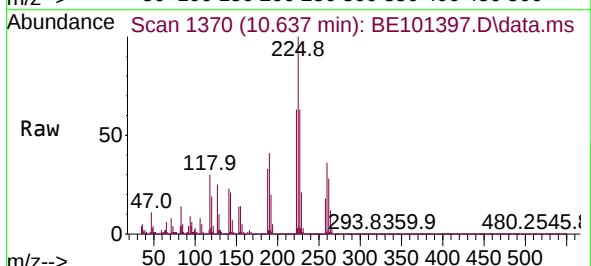
Reviewed By :Yogesh Patel 10/29/2024

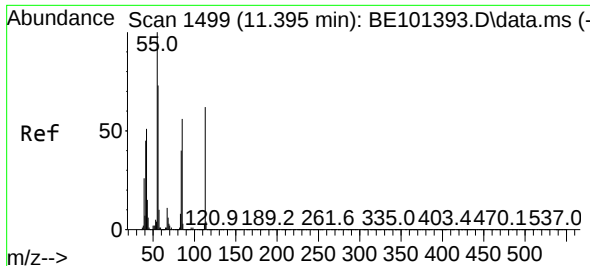
Supervised By :mohammad ahmed 10/30/2024



#34
Hexachlorobutadiene
Concen: 40.372 ng
RT: 10.637 min Scan# 1370
Delta R.T. -0.001 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

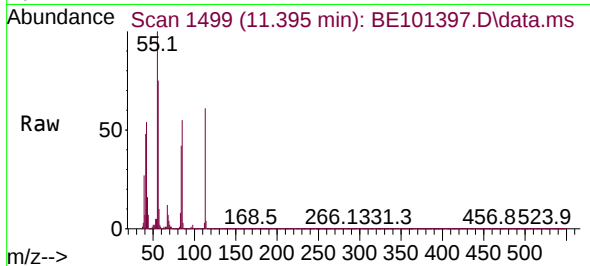
Tgt Ion:225 Resp: 255945
Ion Ratio Lower Upper
225 100
223 62.9 50.5 75.7
227 63.1 51.0 76.6





#35
Caprolactam
Concen: 44.104 ng
RT: 11.395 min Scan# 1499
Delta R.T. -0.001 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

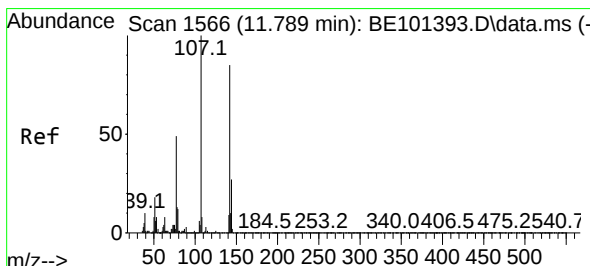
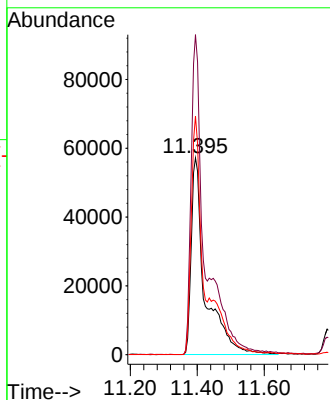
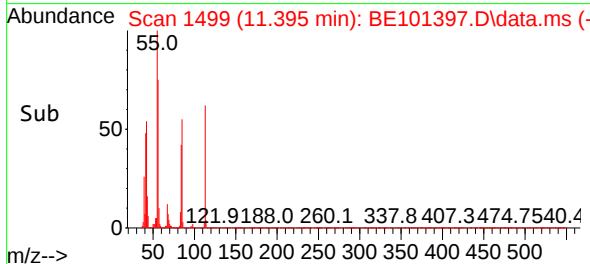
Instrument :
BNA_E
ClientSampleId :
ICVBE102824



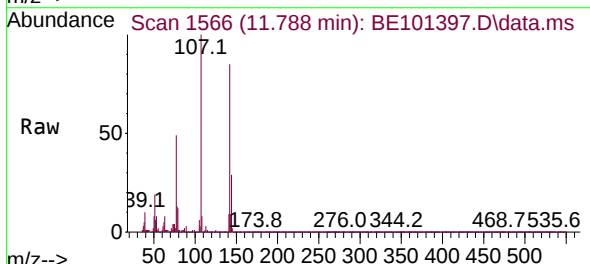
Tgt Ion:113 Resp: 166215
Ion Ratio Lower Upper
113 100
55 162.6 141.2 181.2
56 121.2 96.9 136.9

Manual Integrations
APPROVED

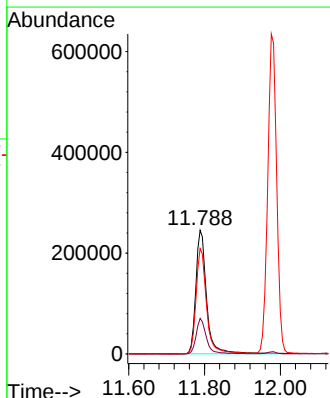
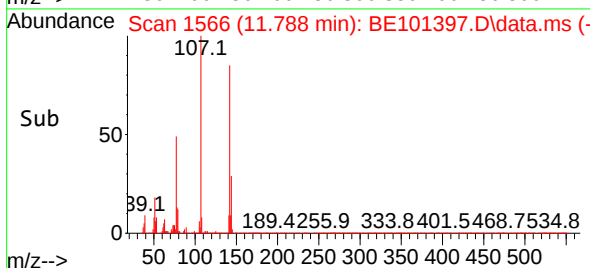
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024

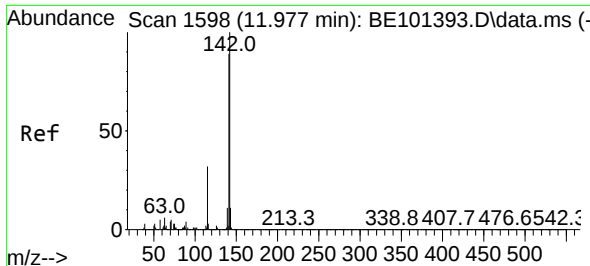


#36
4-Chloro-3-methylphenol
Concen: 42.850 ng
RT: 11.788 min Scan# 1566
Delta R.T. -0.001 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37



Tgt Ion:107 Resp: 479680
Ion Ratio Lower Upper
107 100
144 28.7 21.9 32.9
142 85.2 68.0 102.0





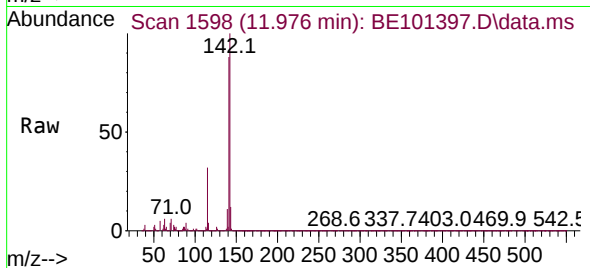
#37
2-Methylnaphthalene
Concen: 41.112 ng
RT: 11.976 min Scan# 1598
Delta R.T. -0.001 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

Instrument :

BNA_E

ClientSampleId :

ICVBE102824



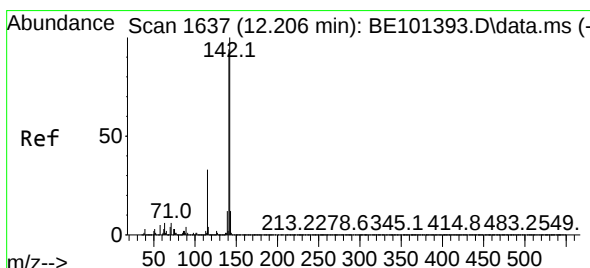
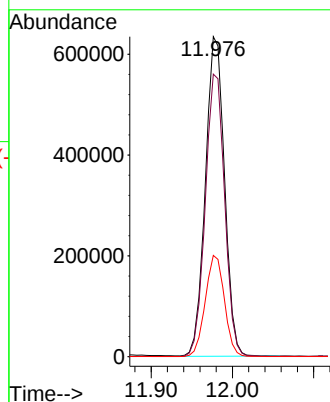
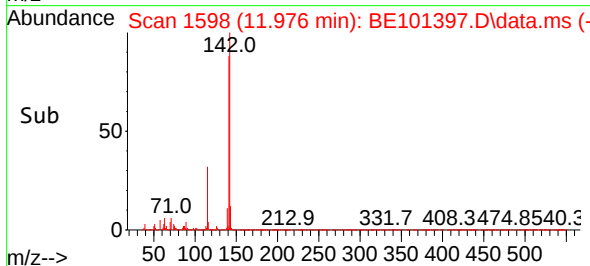
Tgt Ion:142 Resp: 1040801
Ion Ratio Lower Upper
142 100
141 88.3 71.4 107.2
115 31.6 25.6 38.4

Manual Integrations

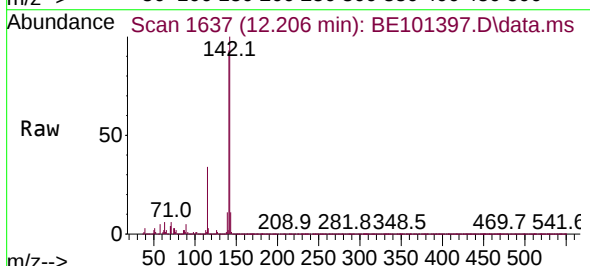
APPROVED

Reviewed By :Yogesh Patel 10/29/2024

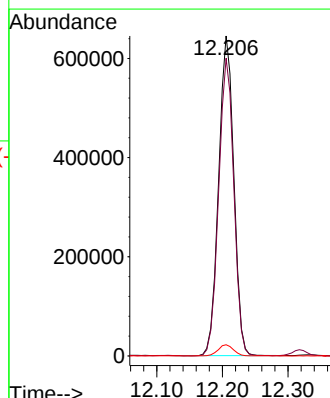
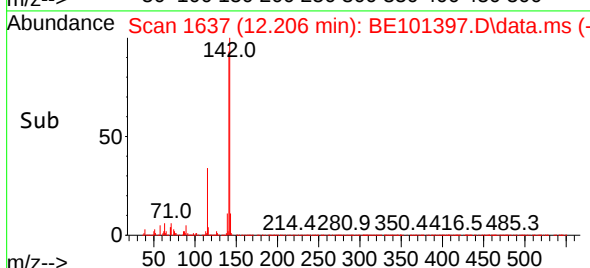
Supervised By :mohammad ahmed 10/30/2024

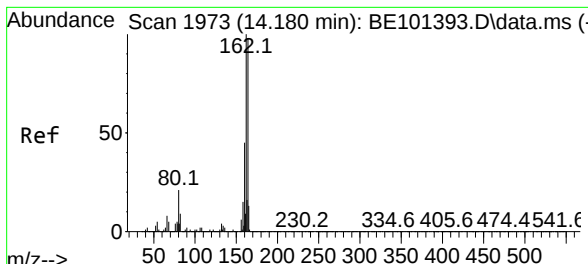


#38
1-Methylnaphthalene
Concen: 41.122 ng
RT: 12.206 min Scan# 1637
Delta R.T. -0.001 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37



Tgt Ion:142 Resp: 1039012
Ion Ratio Lower Upper
142 100
141 93.0 75.0 112.4
116 3.5 2.9 4.3





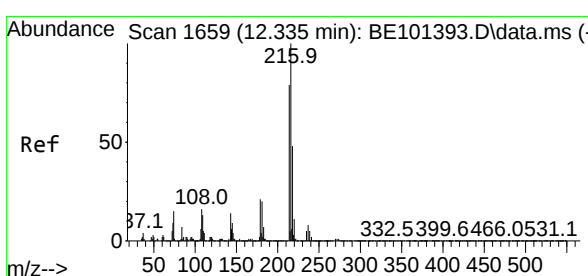
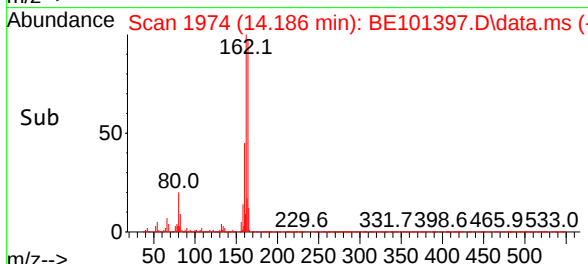
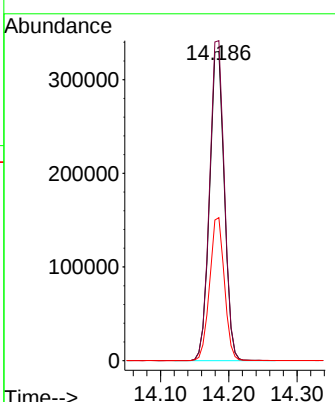
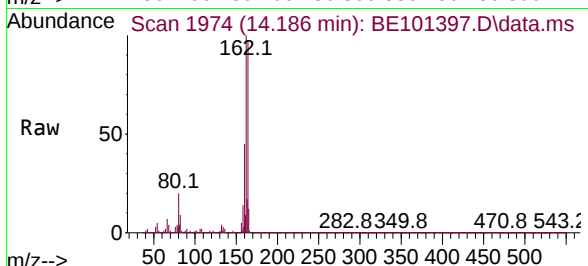
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.186 min Scan# 1974
 Delta R.T. 0.005 min
 Lab File: BE101397.D
 Acq: 28 Oct 2024 16:37

Instrument : BNA_E
 ClientSampleId : ICVBE102824

Tgt Ion:164 Resp: 494390

Ion	Ratio	Lower	Upper
164	100		
162	103.5	81.3	121.9
160	46.3	36.4	54.6

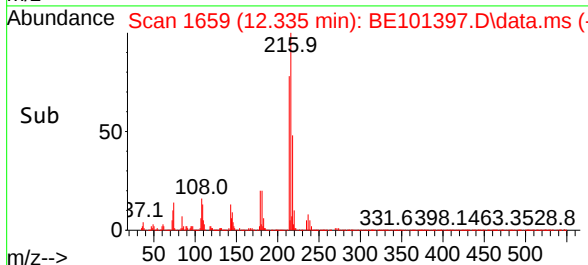
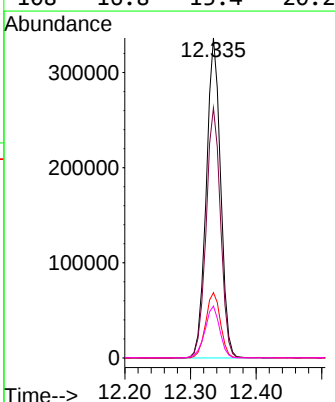
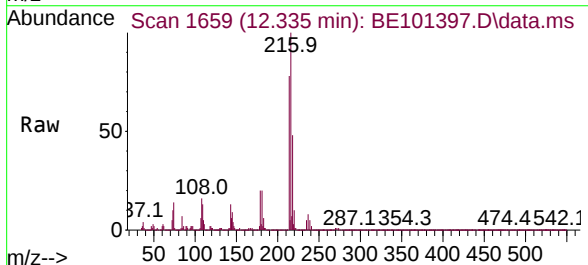
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 10/29/2024
 Supervised By :mohammad ahmed 10/30/2024

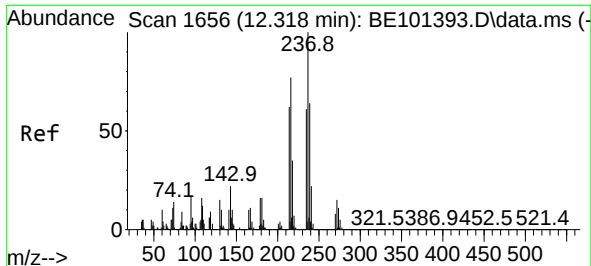


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.977 ng
 RT: 12.335 min Scan# 1659
 Delta R.T. -0.001 min
 Lab File: BE101397.D
 Acq: 28 Oct 2024 16:37

Tgt Ion:216 Resp: 508563

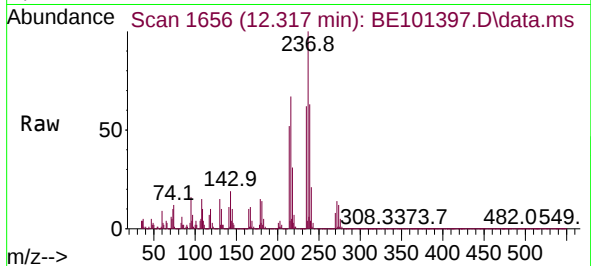
Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.0	94.4
179	20.9	16.7	25.1
108	16.8	13.4	20.2





#41
Hexachlorocyclopentadiene
Concen: 41.393 ng
RT: 12.317 min Scan# 1656
Delta R.T. -0.001 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

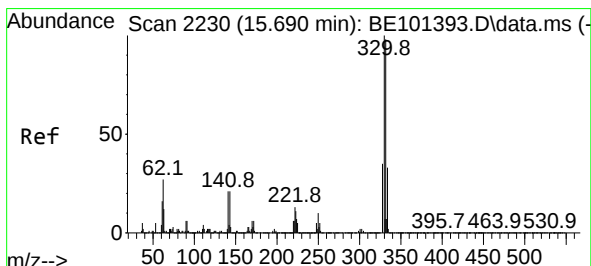
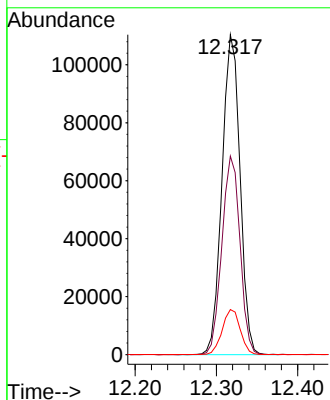
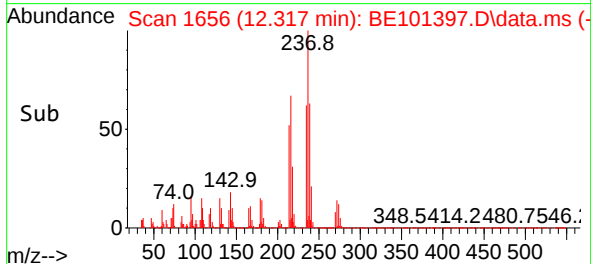
Instrument :
BNA_E
ClientSampleId :
ICVBE102824



Tgt Ion: 237 Resp: 169665
Ion Ratio Lower Upper
237 100
235 62.0 41.3 81.3
272 14.1 0.0 34.6

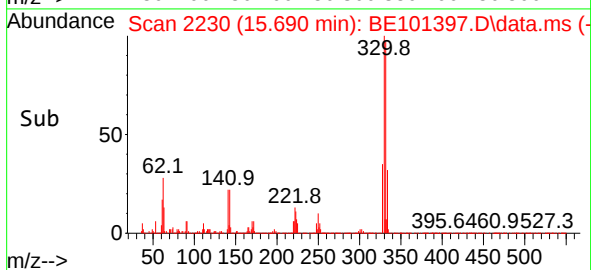
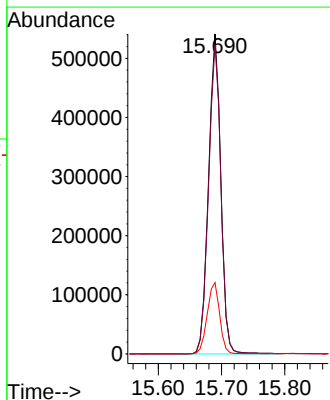
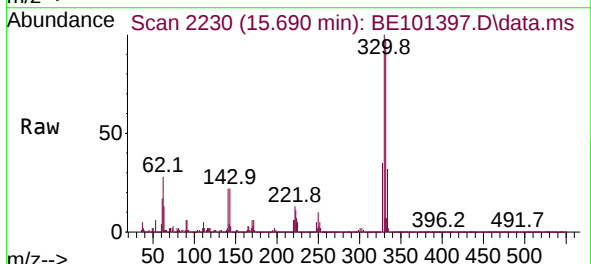
Manual Integrations
APPROVED

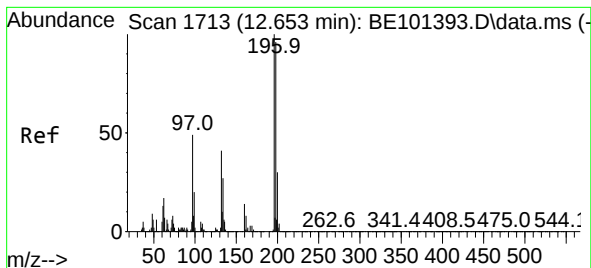
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#42
2,4,6-Tribromophenol
Concen: 84.319 ng
RT: 15.690 min Scan# 2230
Delta R.T. -0.001 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

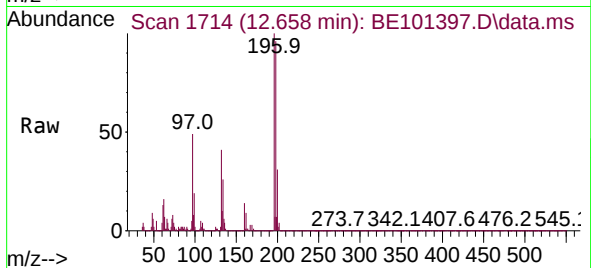
Tgt Ion: 330 Resp: 730631
Ion Ratio Lower Upper
330 100
332 97.7 78.2 117.2
141 22.6 18.3 27.5





#43
2,4,6-Trichlorophenol
Concen: 43.244 ng
RT: 12.658 min Scan# 1713
Delta R.T. 0.005 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

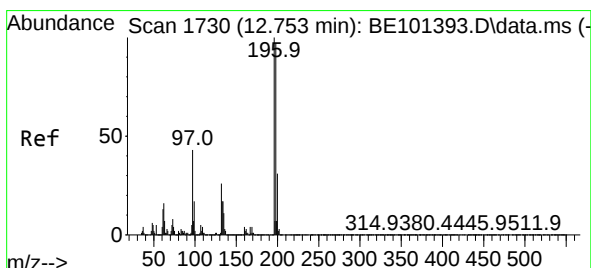
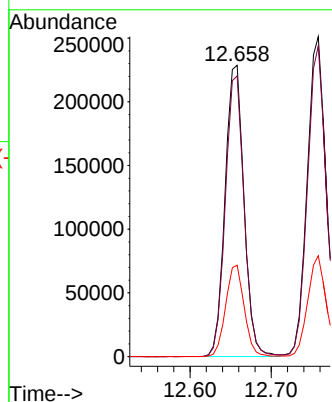
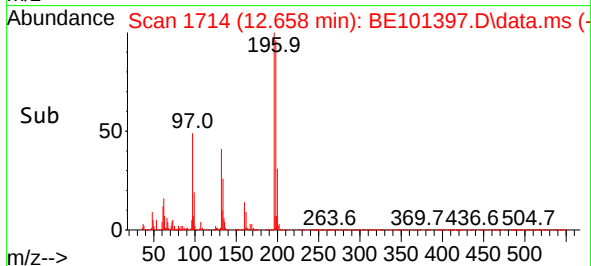
Instrument :
BNA_E
ClientSampleId :
ICVBE102824



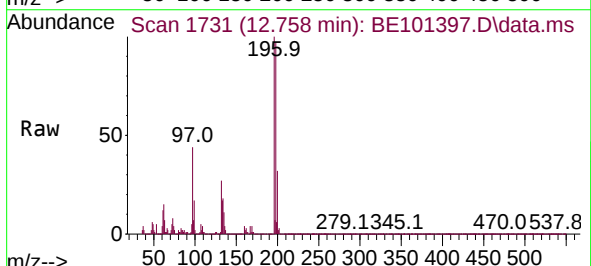
Tgt Ion:196 Resp: 369991
Ion Ratio Lower Upper
196 100
198 96.4 76.6 115.0
200 31.4 24.1 36.1

Manual Integrations
APPROVED

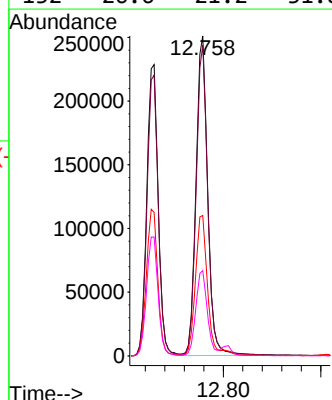
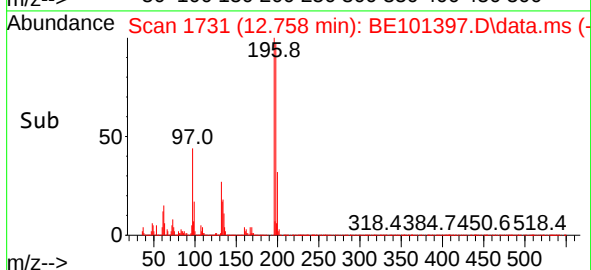
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024

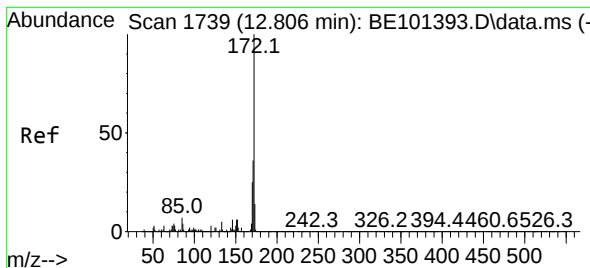


#44
2,4,5-Trichlorophenol
Concen: 42.577 ng
RT: 12.758 min Scan# 1731
Delta R.T. 0.005 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37



Tgt Ion:196 Resp: 417164
Ion Ratio Lower Upper
196 100
198 97.1 77.4 116.0
97 43.9 34.8 52.2
132 26.6 21.2 31.8





#45
2-Fluorobiphenyl
Concen: 82.558 ng
RT: 12.805 min Scan# 1739
Delta R.T. -0.001 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

Instrument :

BNA_E

ClientSampleId :

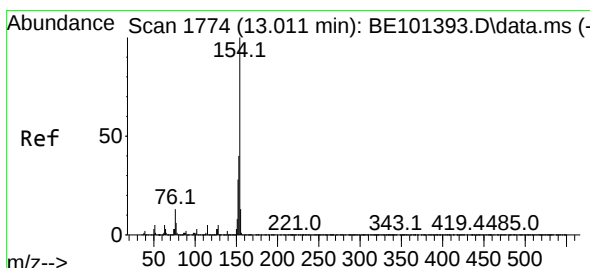
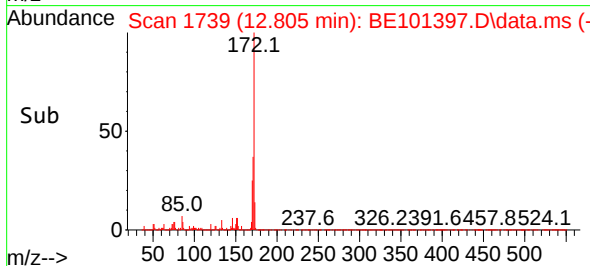
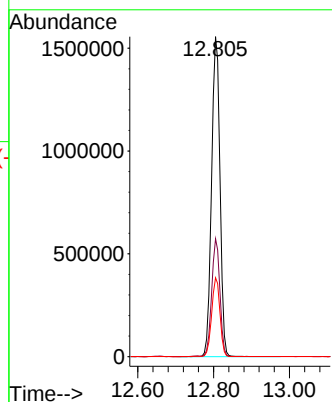
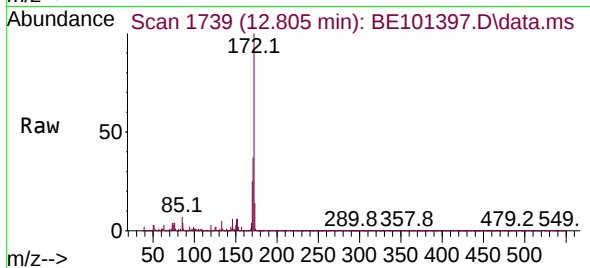
ICVBE102824

Tgt Ion:172 Resp: 2410105
Ion Ratio Lower Upper
172 100
171 36.8 29.2 43.8
170 24.6 19.8 29.6

Manual Integrations

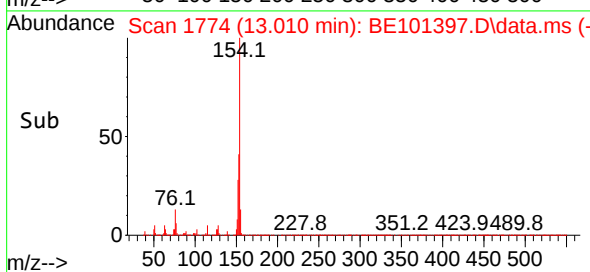
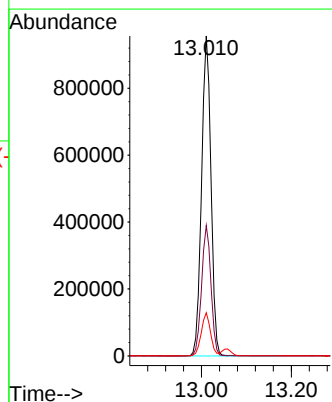
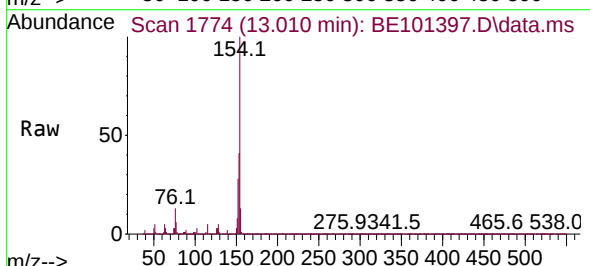
APPROVED

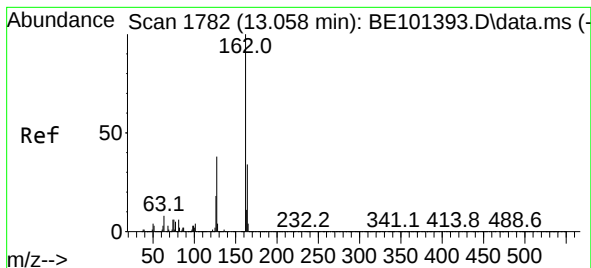
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#46
1,1'-Biphenyl
Concen: 41.038 ng
RT: 13.010 min Scan# 1774
Delta R.T. -0.001 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

Tgt Ion:154 Resp: 1390011
Ion Ratio Lower Upper
154 100
153 40.7 20.3 60.3
76 13.5 0.0 32.6





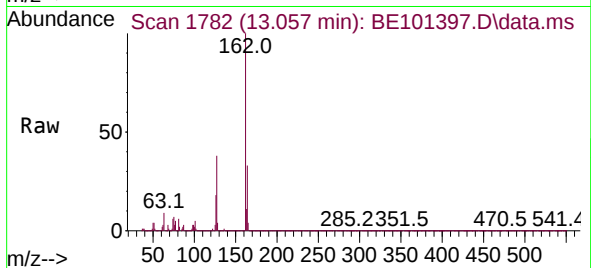
#47
2-Chloronaphthalene
Concen: 41.196 ng
RT: 13.057 min Scan# 1782
Delta R.T. -0.001 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

Instrument :

BNA_E

ClientSampleId :

ICVBE102824



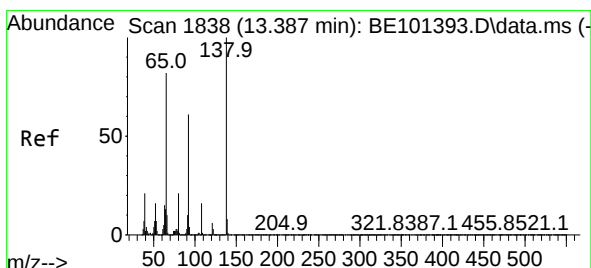
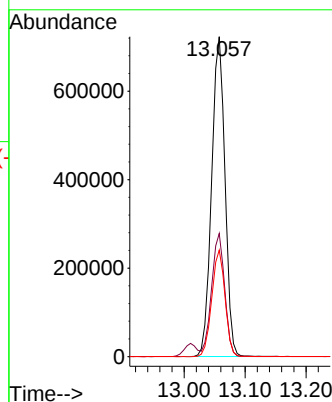
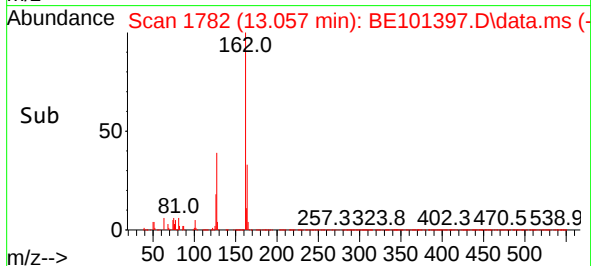
Tgt Ion:162 Resp: 1102426
Ion Ratio Lower Upper
162 100
127 38.5 30.4 45.6
164 33.3 27.0 40.6

Manual Integrations

APPROVED

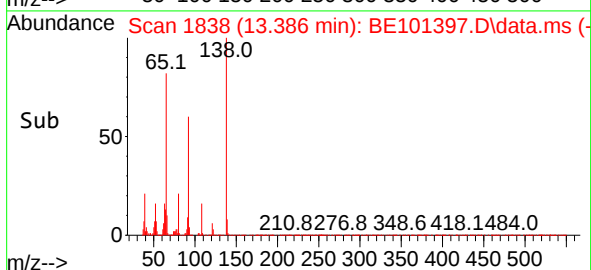
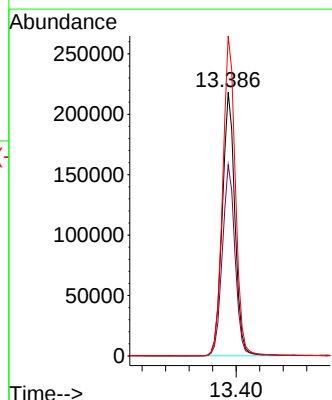
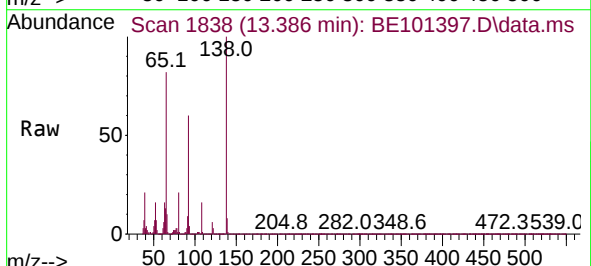
Reviewed By :Yogesh Patel 10/29/2024

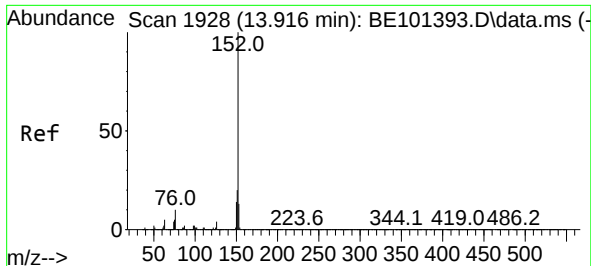
Supervised By :mohammad ahmed 10/30/2024



#48
2-Nitroaniline
Concen: 45.320 ng
RT: 13.386 min Scan# 1838
Delta R.T. -0.001 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

Tgt Ion: 65 Resp: 326383
Ion Ratio Lower Upper
65 100
92 72.5 59.0 88.4
138 121.4 97.4 146.0





#49
Acenaphthylene
Concen: 41.742 ng
RT: 13.915 min Scan# 1928
Delta R.T. -0.001 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

Instrument :

BNA_E

ClientSampleId :

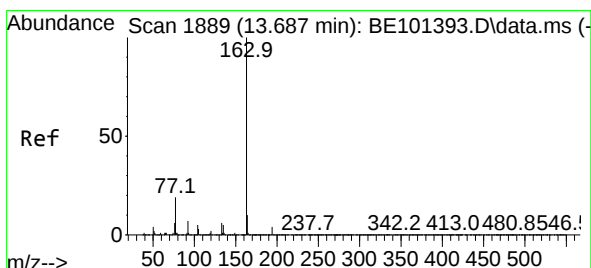
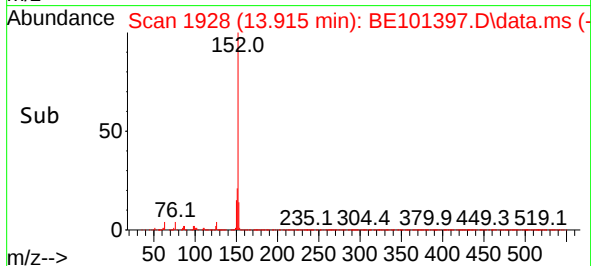
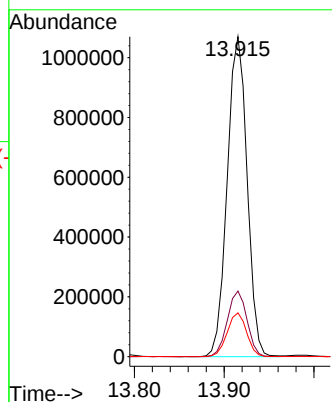
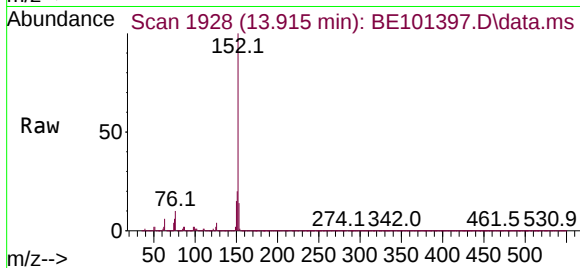
ICVBE102824

Tgt Ion:152 Resp: 1651908
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 13.7 10.5 15.7

Manual Integrations

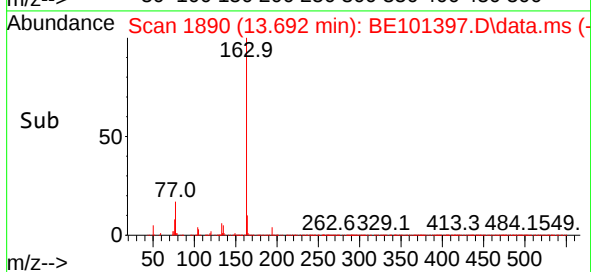
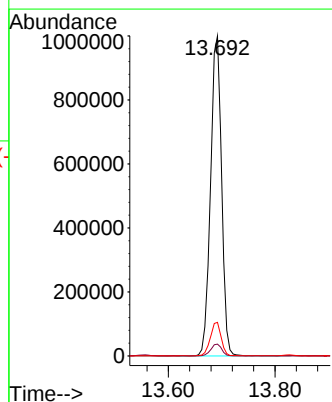
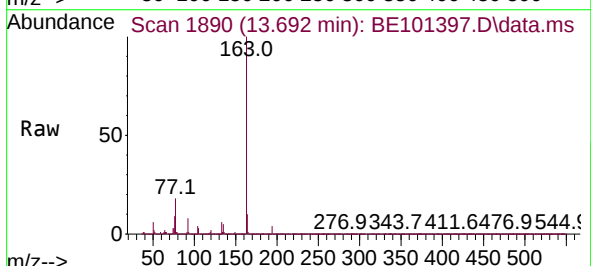
APPROVED

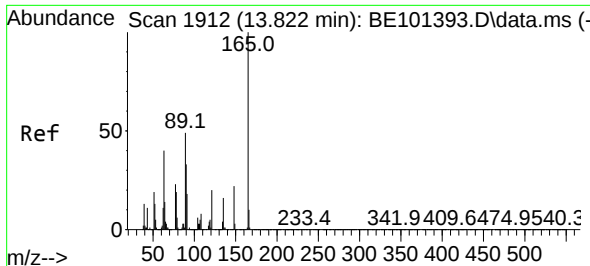
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#50
Dimethylphthalate
Concen: 41.126 ng
RT: 13.692 min Scan# 1890
Delta R.T. 0.005 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

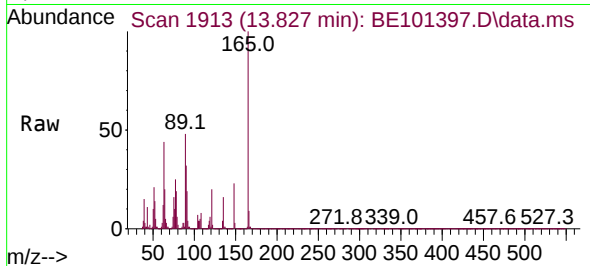
Tgt Ion:163 Resp: 1435201
Ion Ratio Lower Upper
163 100
194 3.7 2.9 4.3
164 10.5 8.4 12.6





#51
2,6-Dinitrotoluene
Concen: 42.124 ng
RT: 13.827 min Scan# 1912
Delta R.T. 0.005 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

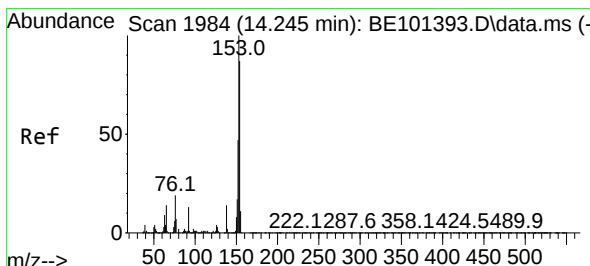
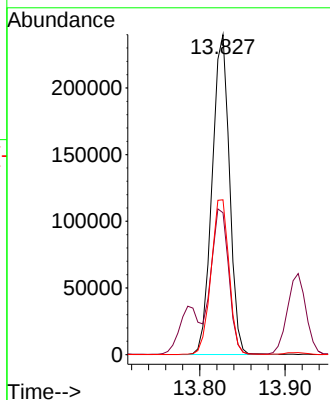
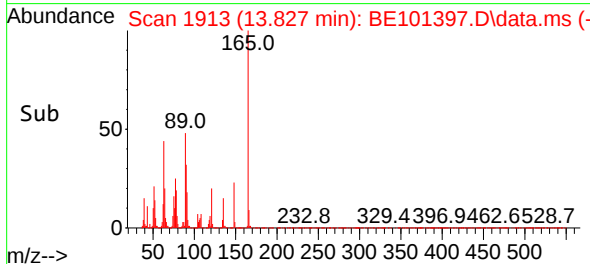
Instrument :
BNA_E
ClientSampleId :
ICVBE102824



Tgt Ion:165 Resp: 339386
Ion Ratio Lower Upper
165 100
63 44.3 38.0 57.0
89 48.4 39.5 59.3

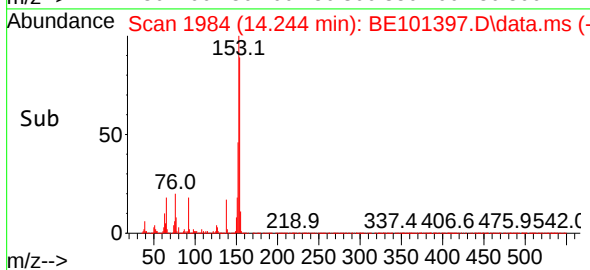
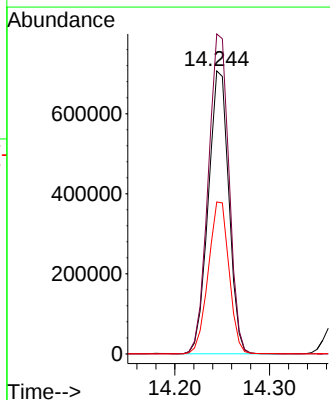
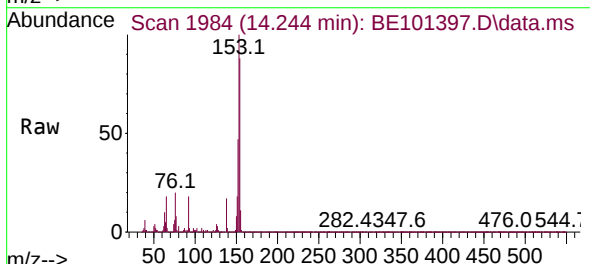
Manual Integrations
APPROVED

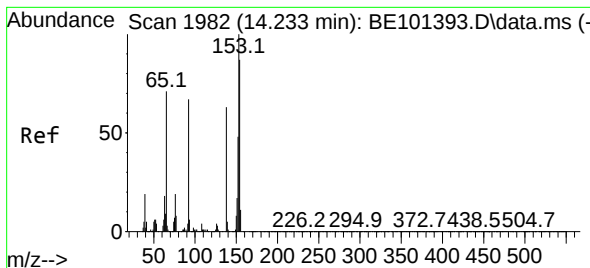
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#52
Acenaphthene
Concen: 41.182 ng
RT: 14.244 min Scan# 1984
Delta R.T. -0.001 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

Tgt Ion:154 Resp: 1064171
Ion Ratio Lower Upper
154 100
153 113.1 91.8 137.6
152 53.7 43.1 64.7





#53
3-Nitroaniline
Concen: 44.191 ng
RT: 14.233 min Scan# 1982
Delta R.T. -0.001 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

Instrument :

BNA_E

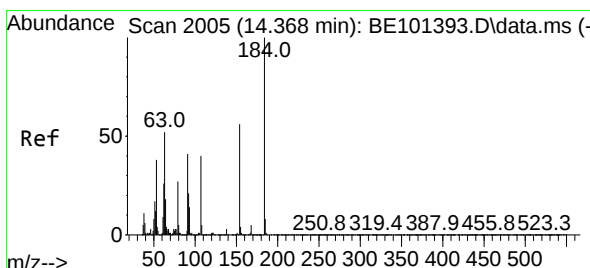
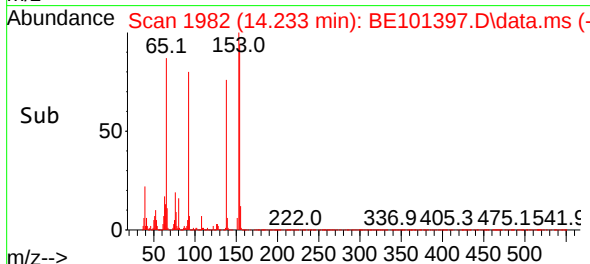
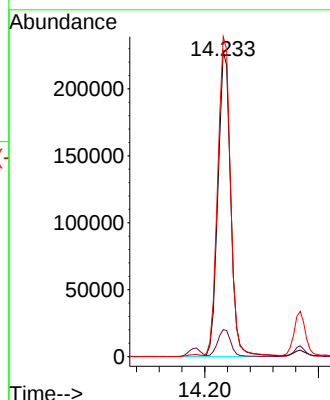
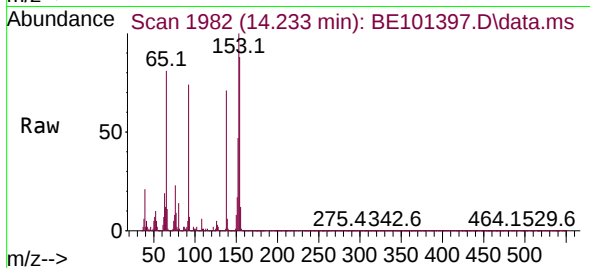
ClientSampleId :

ICVBE102824

Tgt Ion:138 Resp: 354038
Ion Ratio Lower Upper
138 100
108 8.8 7.1 10.7
92 104.9 84.4 126.6

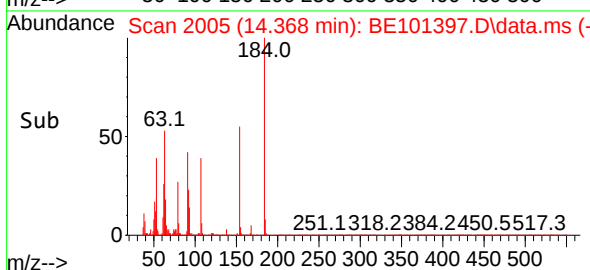
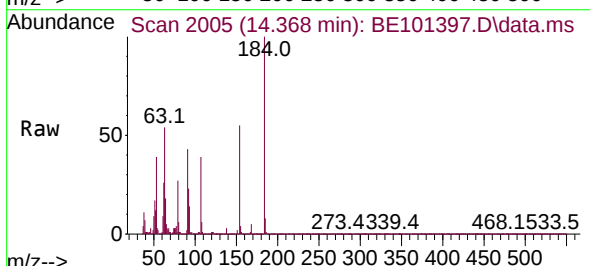
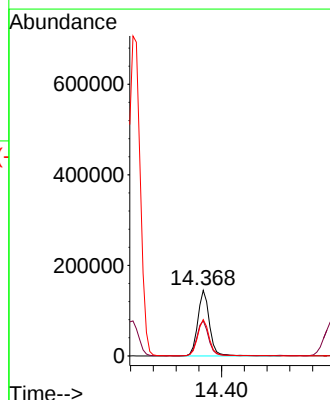
Manual Integrations
APPROVED

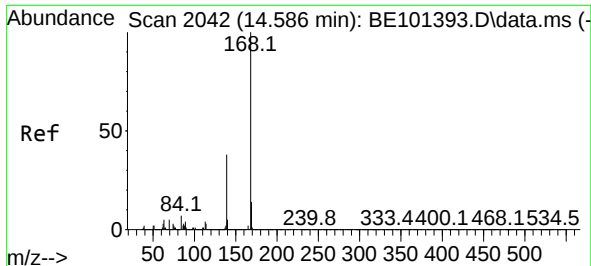
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#54
2,4-Dinitrophenol
Concen: 38.780 ng
RT: 14.368 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

Tgt Ion:184 Resp: 204189
Ion Ratio Lower Upper
184 100
63 53.7 41.8 62.6
154 55.1 44.9 67.3





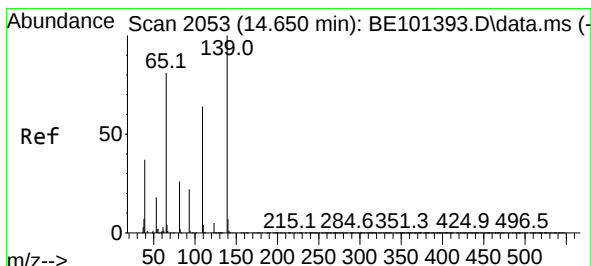
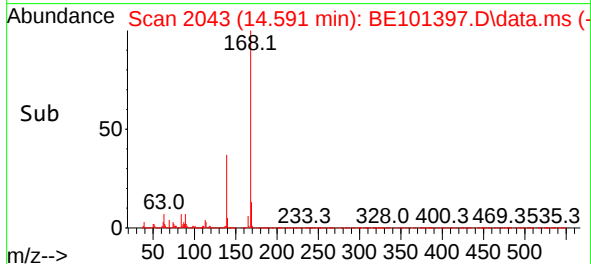
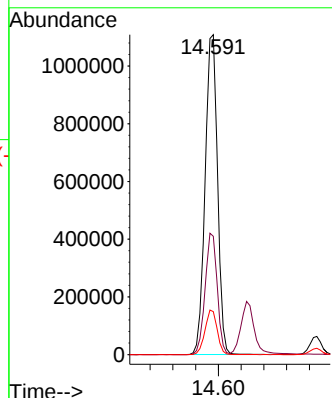
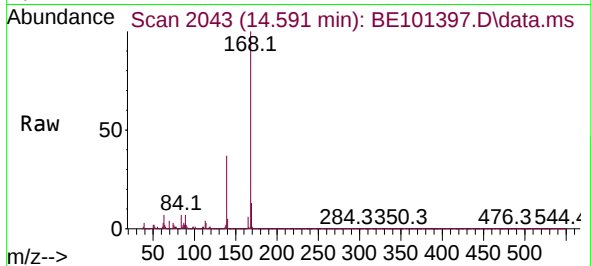
#55
Dibenzenofuran
Concen: 40.705 ng
RT: 14.591 min Scan# 2043
Delta R.T. 0.005 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

Instrument :
BNA_E
ClientSampleId :
ICVBE102824

Tgt Ion:168 Resp: 1676523
Ion Ratio Lower Upper
168 100
139 37.0 30.2 45.4
169 13.4 11.0 16.4

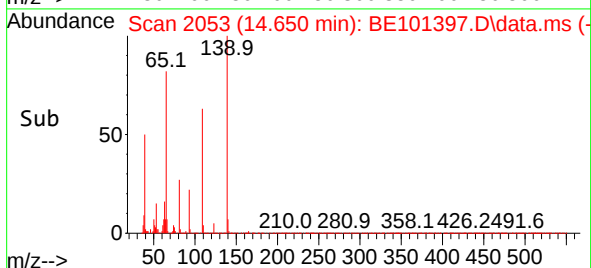
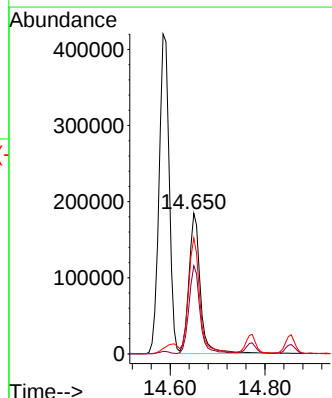
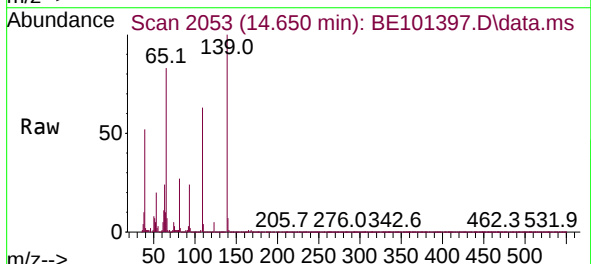
Manual Integrations
APPROVED

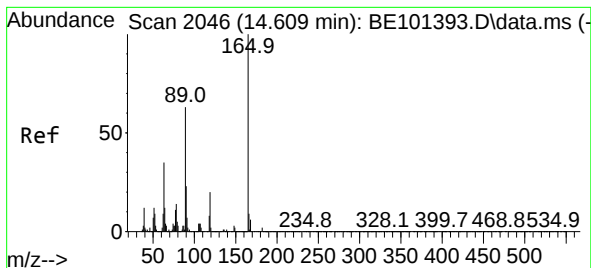
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#56
4-Nitrophenol
Concen: 41.707 ng
RT: 14.650 min Scan# 2053
Delta R.T. -0.000 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

Tgt Ion:139 Resp: 305994
Ion Ratio Lower Upper
139 100
109 62.7 42.4 82.4
65 82.5 63.4 103.4





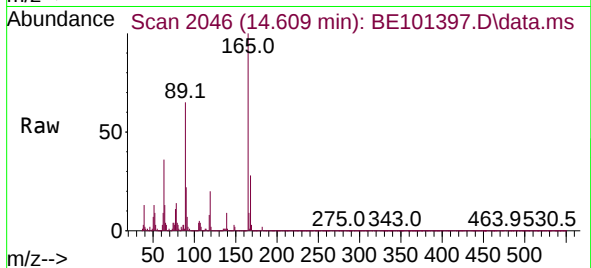
#57
2,4-Dinitrotoluene
Concen: 43.318 ng
RT: 14.609 min Scan# 2046
Delta R.T. -0.001 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

Instrument :

BNA_E

ClientSampleId :

ICVBE102824

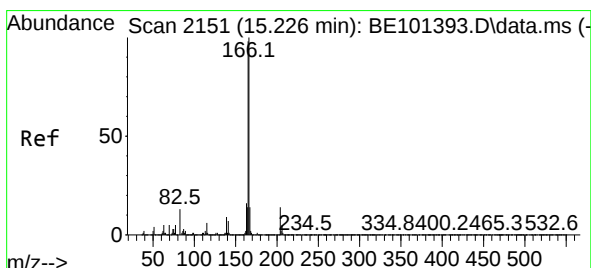
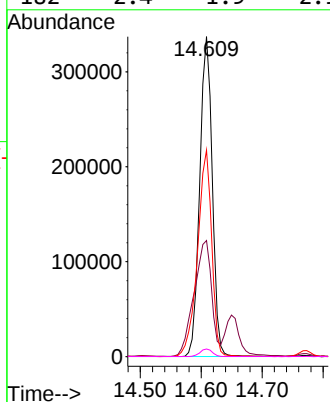
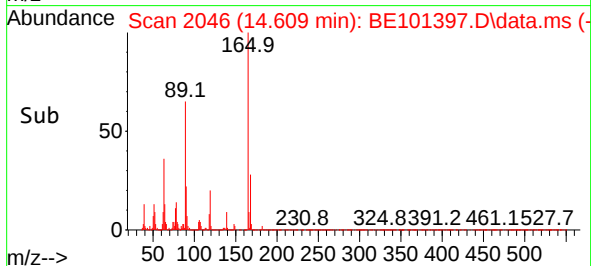


Tgt Ion:165 Resp: 480487
Ion Ratio Lower Upper
165 100
63 36.3 28.6 42.8
89 64.5 50.8 76.2
182 2.4 1.9 2.9

Manual Integrations

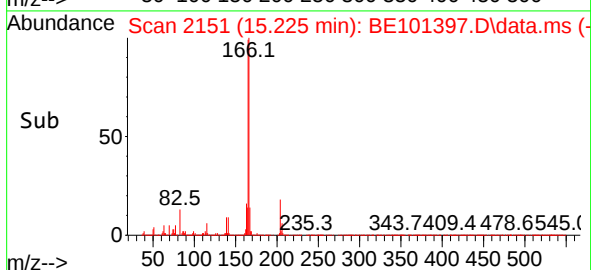
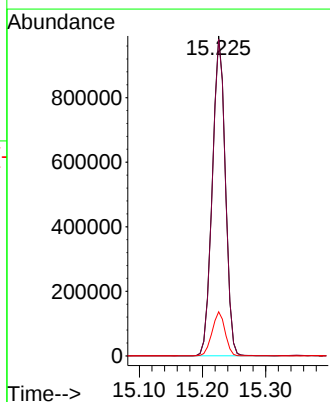
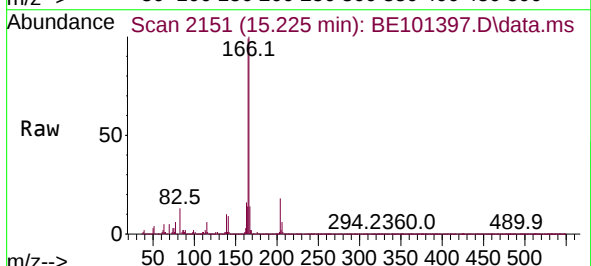
APPROVED

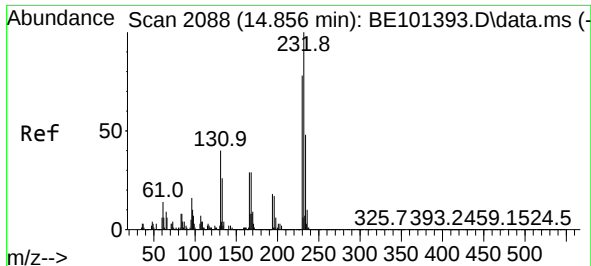
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#58
Fluorene
Concen: 41.173 ng
RT: 15.225 min Scan# 2151
Delta R.T. -0.001 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

Tgt Ion:166 Resp: 1418626
Ion Ratio Lower Upper
166 100
165 99.0 78.7 118.1
167 13.8 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.441 ng
RT: 14.855 min Scan# 2088
Delta R.T. -0.001 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

Instrument :

BNA_E

ClientSampleId :

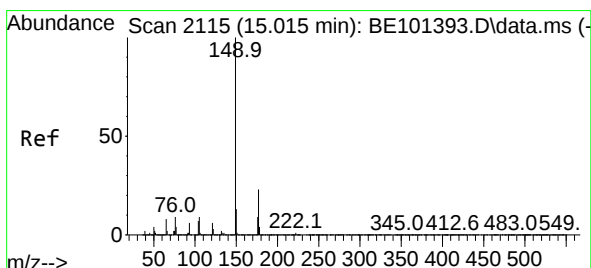
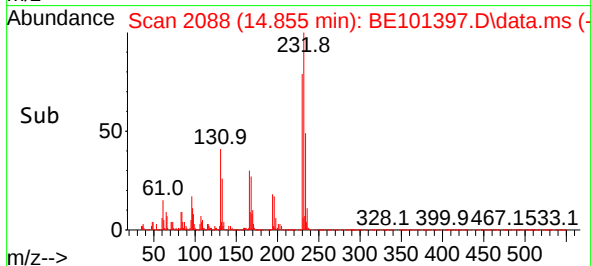
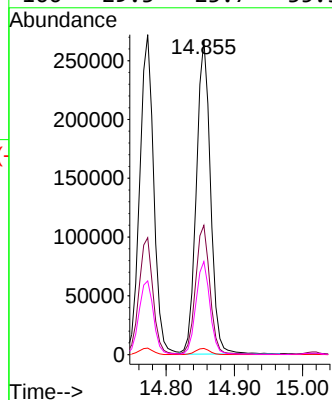
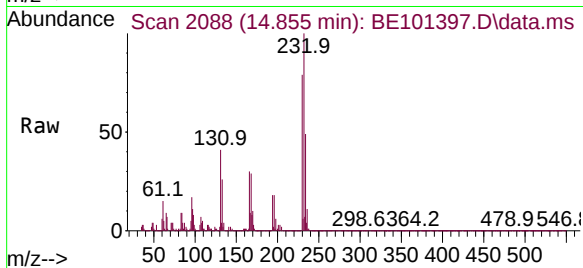
ICVBE102824

Tgt Ion:232 Resp: 384198
Ion Ratio Lower Upper
232 100
131 41.4 33.5 50.3
130 2.0 1.6 2.4
166 29.3 23.7 35.5

Manual Integrations

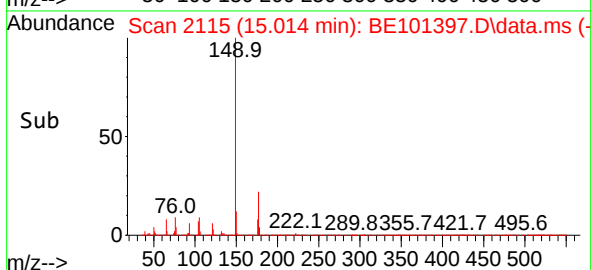
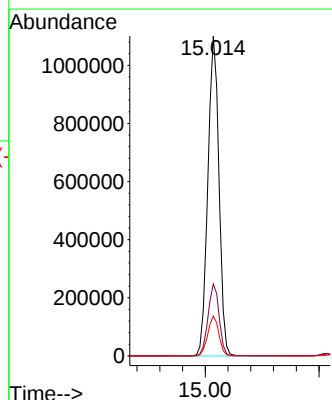
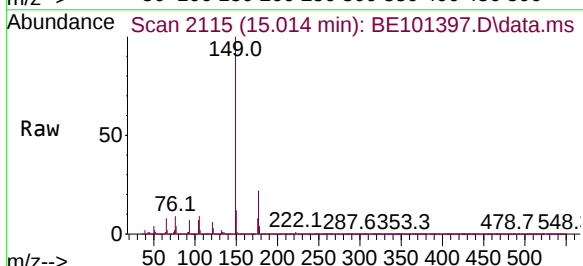
APPROVED

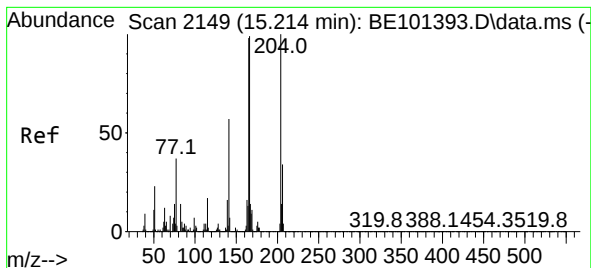
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#60
Diethylphthalate
Concen: 40.913 ng
RT: 15.014 min Scan# 2115
Delta R.T. -0.001 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

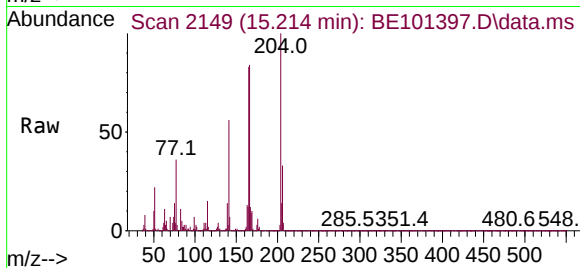
Tgt Ion:149 Resp: 1493405
Ion Ratio Lower Upper
149 100
177 22.5 18.0 27.0
150 12.5 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 41.046 ng
RT: 15.214 min Scan# 2149
Delta R.T. -0.001 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

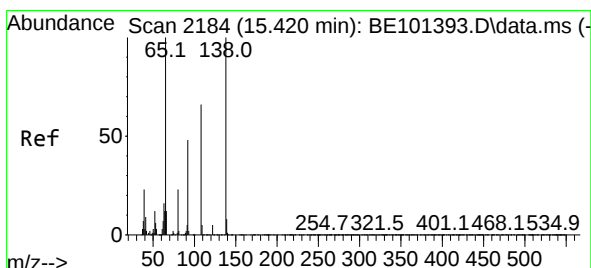
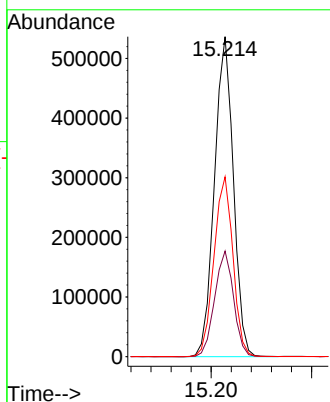
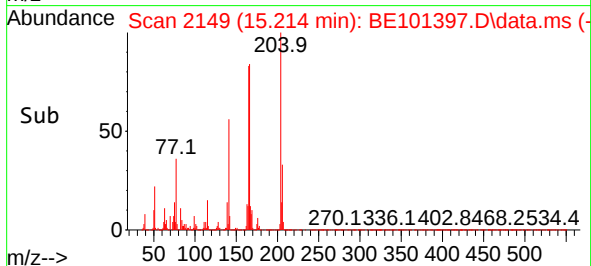
Instrument :
BNA_E
ClientSampleId :
ICVBE102824



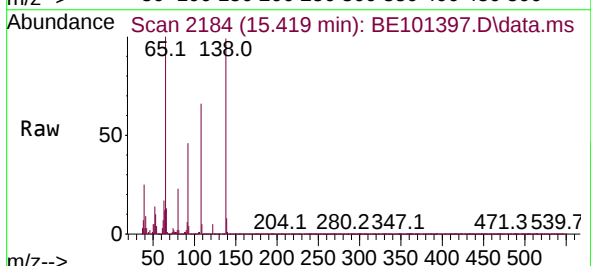
Tgt Ion:204 Resp: 701783
Ion Ratio Lower Upper
204 100
206 33.0 26.9 40.3
141 56.2 45.9 68.9

Manual Integrations
APPROVED

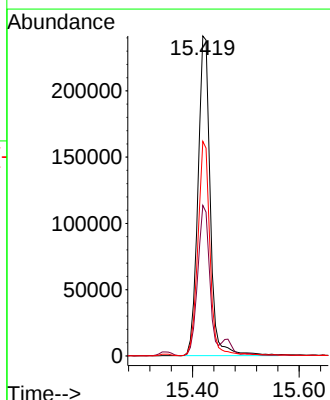
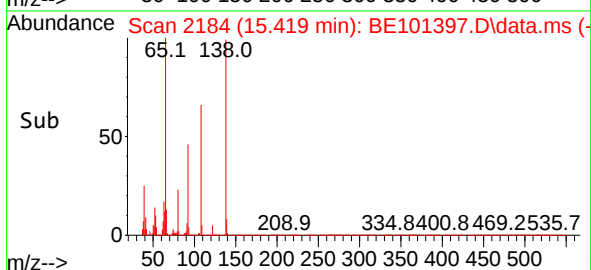
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024

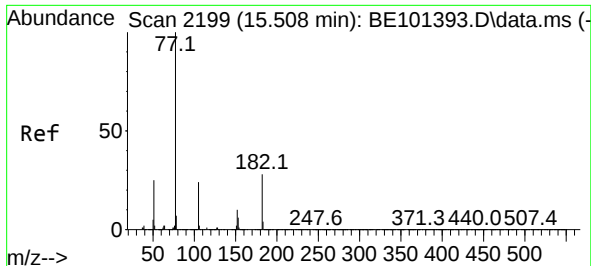


#62
4-Nitroaniline
Concen: 43.251 ng
RT: 15.419 min Scan# 2184
Delta R.T. -0.001 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37



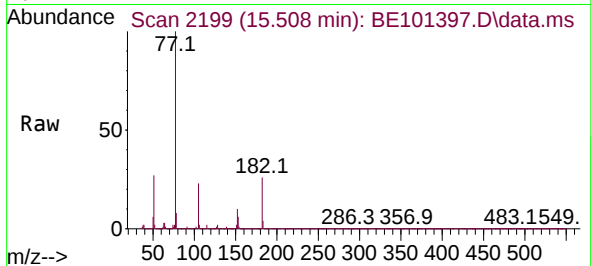
Tgt Ion:138 Resp: 385584
Ion Ratio Lower Upper
138 100
92 47.0 28.7 68.7
108 67.0 46.5 86.5





#63
Azobenzene
Concen: 41.563 ng
RT: 15.508 min Scan# 2199
Delta R.T. -0.001 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

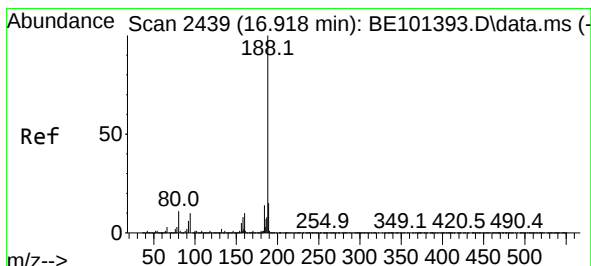
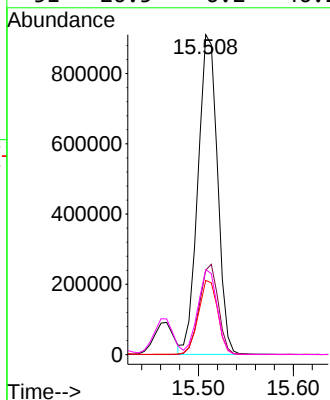
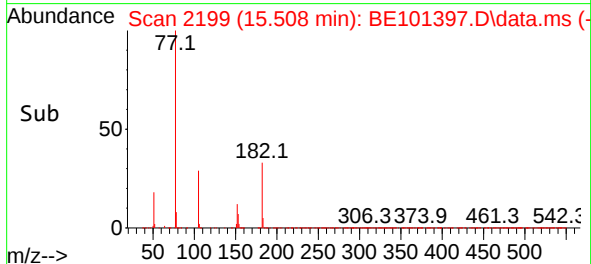
Instrument :
BNA_E
ClientSampleId :
ICVBE102824



Tgt Ion: 77 Resp: 1304082
Ion Ratio Lower Upper
77 100
182 26.4 7.6 47.6
105 23.2 3.2 43.2
51 26.5 6.2 46.2

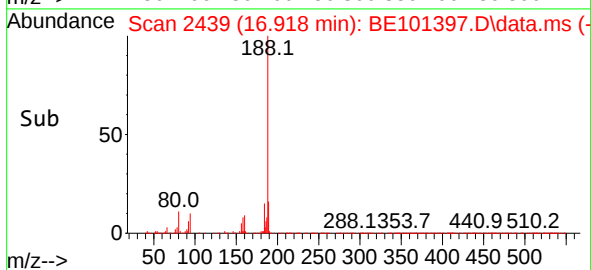
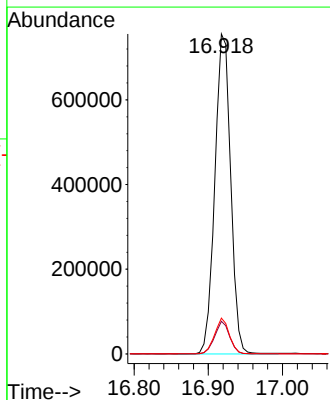
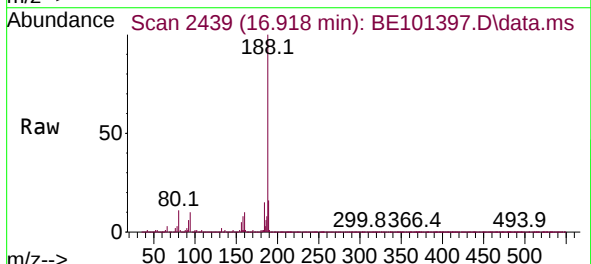
Manual Integrations
APPROVED

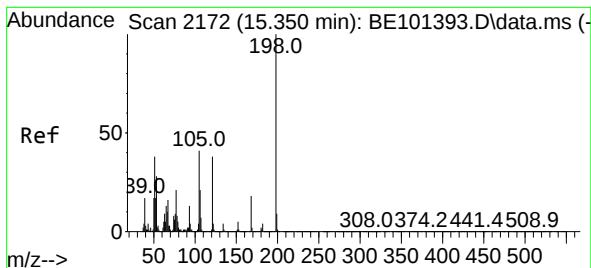
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.918 min Scan# 2439
Delta R.T. -0.001 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

Tgt Ion:188 Resp: 1118107
Ion Ratio Lower Upper
188 100
94 10.2 7.8 11.8
80 11.2 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 41.750 ng
RT: 15.349 min Scan# 2172
Delta R.T. -0.001 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

Instrument :

BNA_E

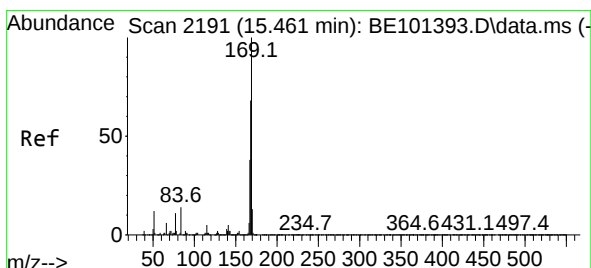
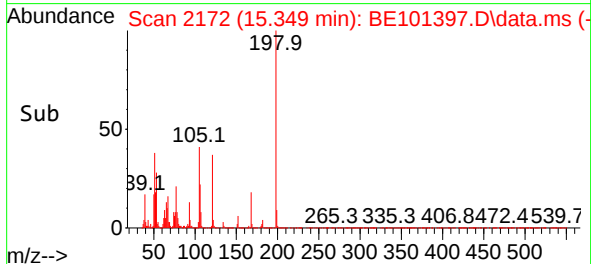
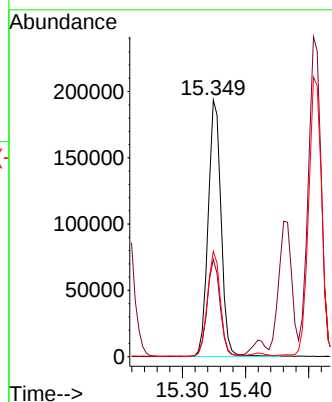
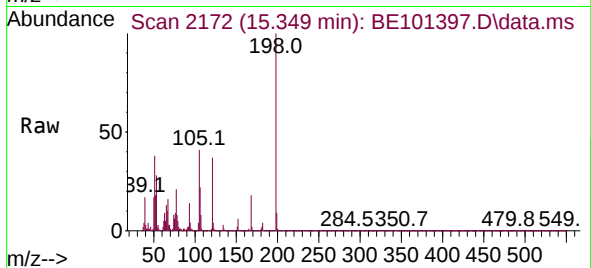
ClientSampleId :

ICVBE102824

Tgt Ion:198 Resp: 274306
Ion Ratio Lower Upper
198 100
51 37.8 18.2 58.2
105 41.1 21.5 61.5

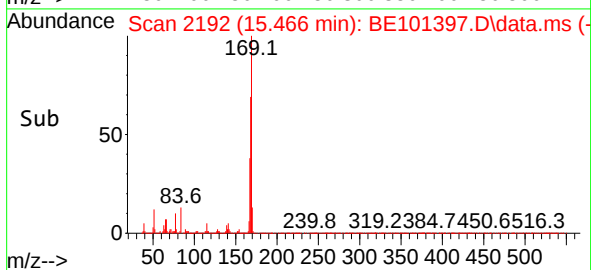
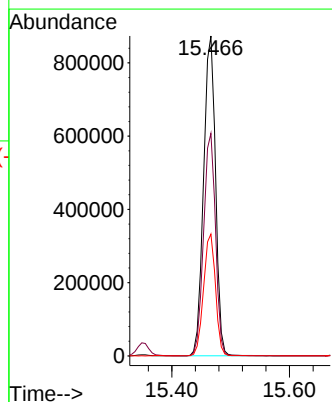
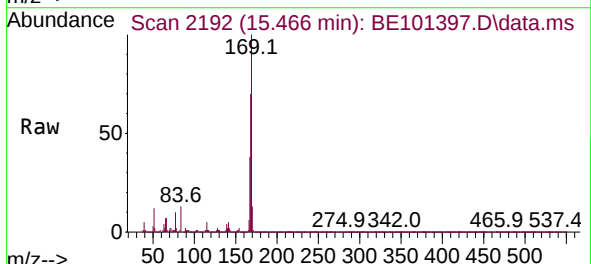
Manual Integrations
APPROVED

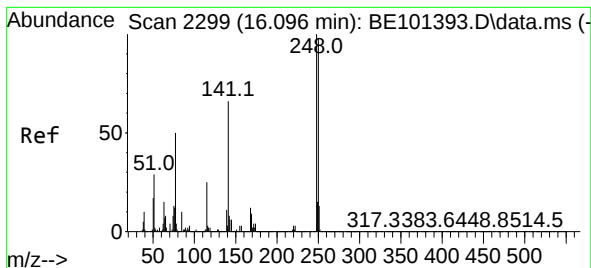
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#66
n-Nitrosodiphenylamine
Concen: 41.628 ng
RT: 15.466 min Scan# 2192
Delta R.T. 0.005 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

Tgt Ion:169 Resp: 1234319
Ion Ratio Lower Upper
169 100
168 69.5 54.5 81.7
167 38.1 30.4 45.6





#67
4-Bromophenyl-phenylether
Concen: 41.822 ng
RT: 16.101 min Scan# 2318
Delta R.T. 0.005 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

Instrument :

BNA_E

ClientSampleId :

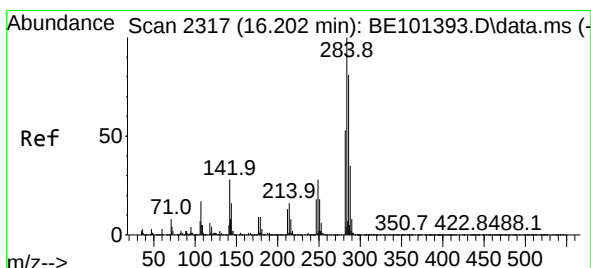
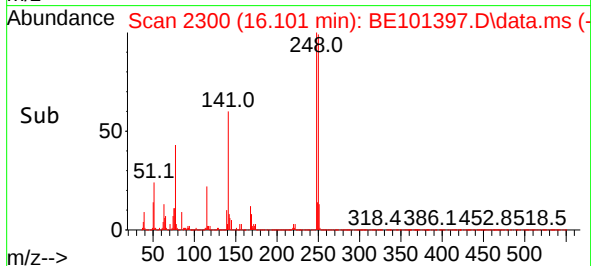
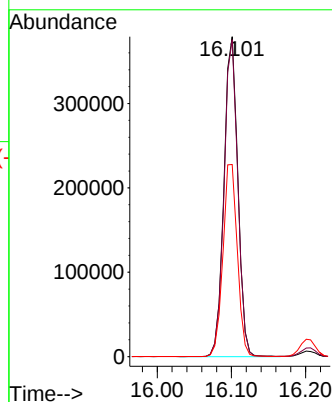
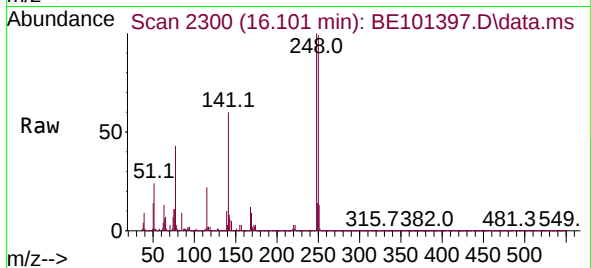
ICVBE102824

Tgt Ion:248 Resp: 491891
Ion Ratio Lower Upper
248 100
250 99.0 78.2 117.2
141 60.0 53.0 79.4

Manual Integrations

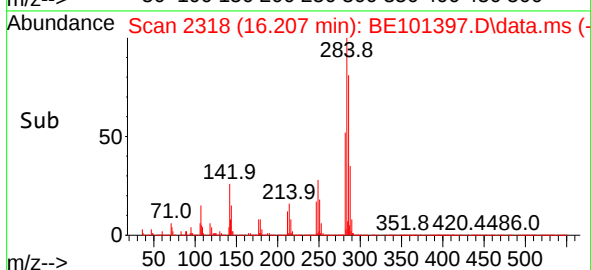
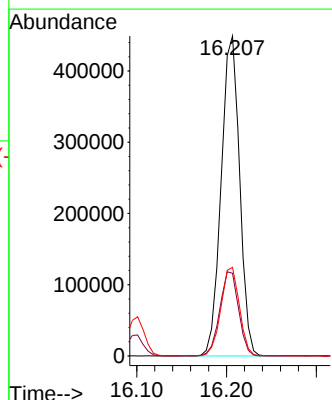
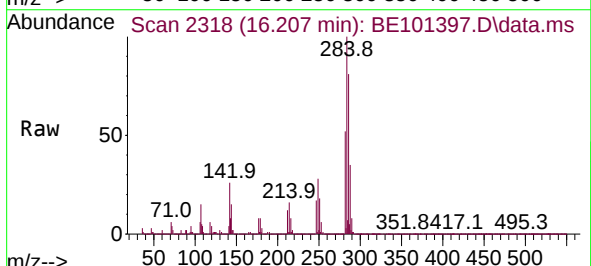
APPROVED

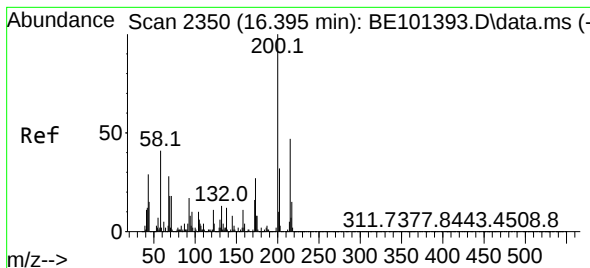
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#68
Hexachlorobenzene
Concen: 41.729 ng
RT: 16.207 min Scan# 2318
Delta R.T. 0.005 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

Tgt Ion:284 Resp: 643314
Ion Ratio Lower Upper
284 100
142 25.8 22.2 33.2
249 27.7 22.8 34.2





#69

Atrazine

Concen: 44.711 ng

RT: 16.395 min Scan# 2350

Delta R.T. -0.000 min

Lab File: BE101397.D

Acq: 28 Oct 2024 16:37

Instrument :

BNA_E

ClientSampleId :

ICVBE102824

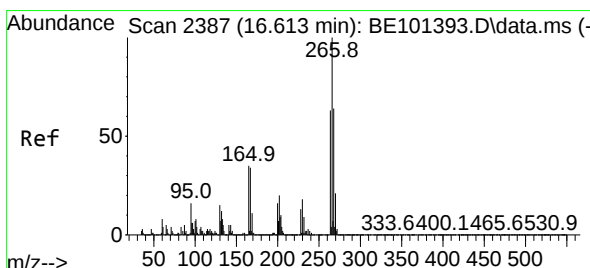
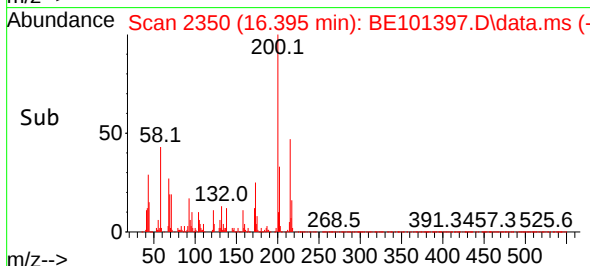
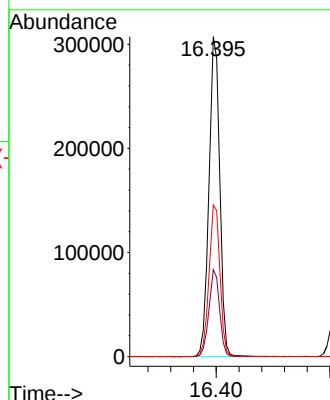
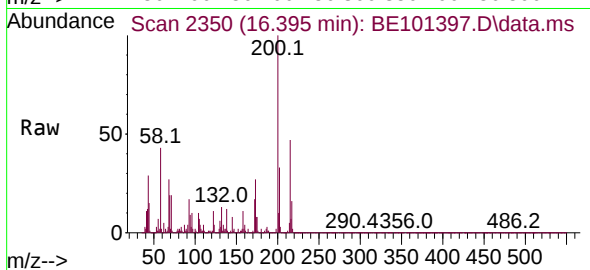
Tgt Ion:200	Resp: 406439
Ion Ratio	Lower Upper
200 100	
173 27.2	7.0 47.0
215 47.4	27.3 67.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/30/2024



#70

Pentachlorophenol

Concen: 44.788 ng

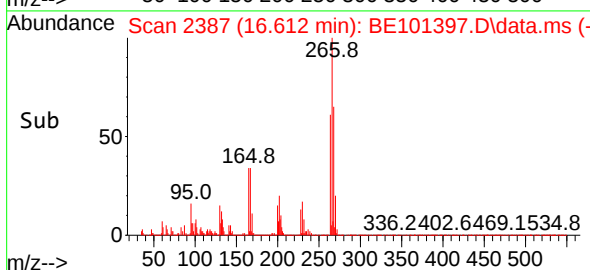
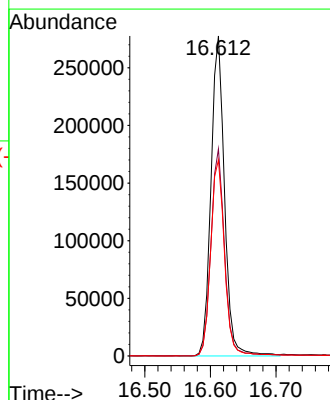
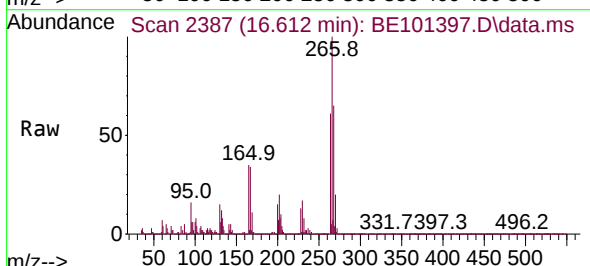
RT: 16.612 min Scan# 2387

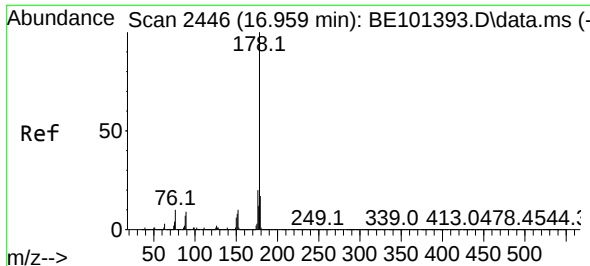
Delta R.T. -0.001 min

Lab File: BE101397.D

Acq: 28 Oct 2024 16:37

Tgt Ion:266	Resp: 397449
Ion Ratio	Lower Upper
266 100	
268 64.7	51.5 77.3
264 61.2	50.7 76.1





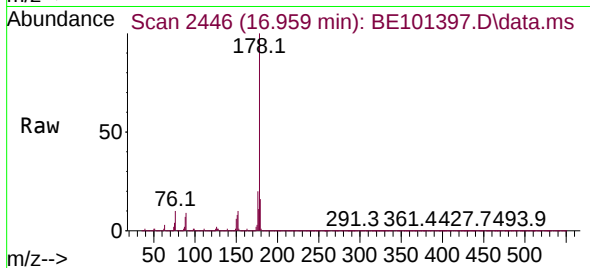
#71
Phenanthrene
Concen: 41.217 ng
RT: 16.959 min Scan# 2446
Delta R.T. -0.001 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

Instrument :

BNA_E

ClientSampleId :

ICVBE102824



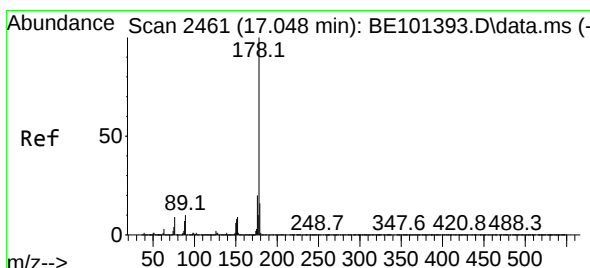
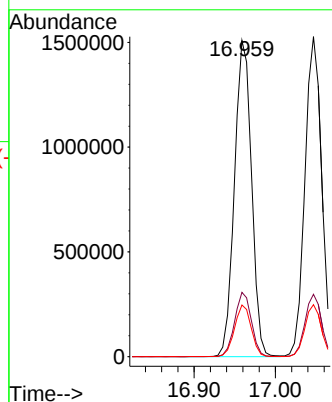
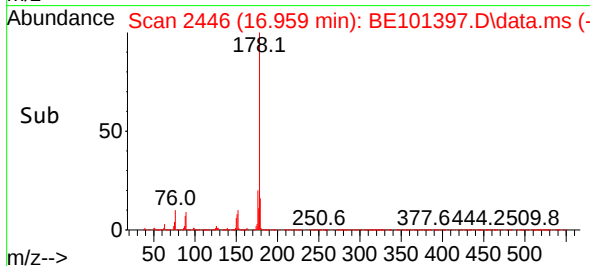
Tgt Ion:178 Resp: 2206489
Ion Ratio Lower Upper
178 100
176 20.3 16.4 24.6
179 16.3 13.2 19.8

Manual Integrations

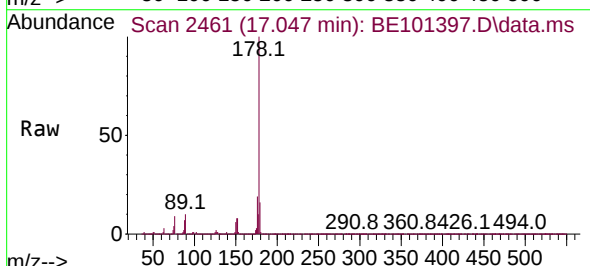
APPROVED

Reviewed By :Yogesh Patel 10/29/2024

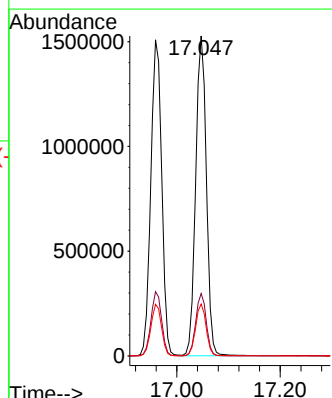
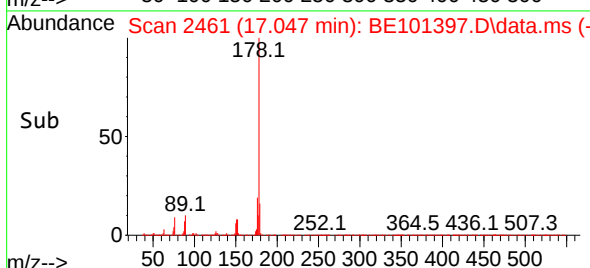
Supervised By :mohammad ahmed 10/30/2024

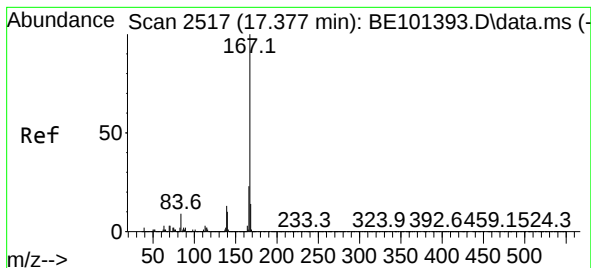


#72
Anthracene
Concen: 41.954 ng
RT: 17.047 min Scan# 2461
Delta R.T. -0.001 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37



Tgt Ion:178 Resp: 2193019
Ion Ratio Lower Upper
178 100
176 19.5 15.9 23.9
179 16.2 13.1 19.7





#73

Carbazole

Concen: 41.436 ng

RT: 17.376 min Scan# 2517

Delta R.T. -0.001 min

Lab File: BE101397.D

Acq: 28 Oct 2024 16:37

Instrument :

BNA_E

ClientSampleId :

ICVBE102824

Tgt Ion:167 Resp: 2216213

Ion Ratio Lower Upper

167 100

166 22.7 18.3 27.5

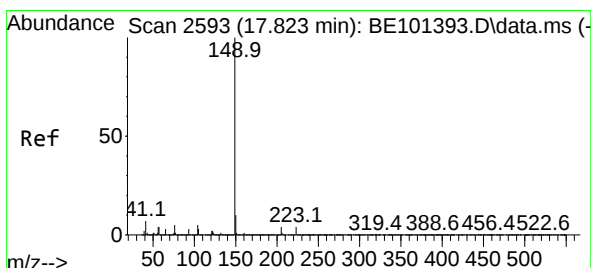
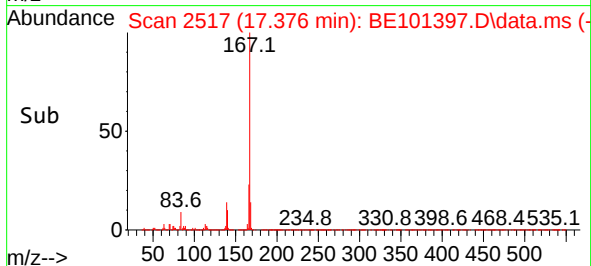
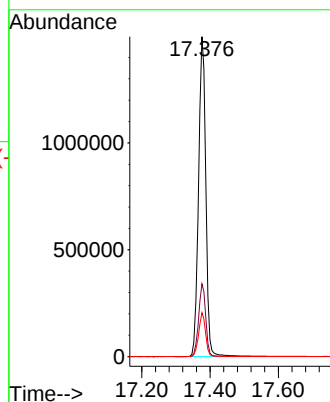
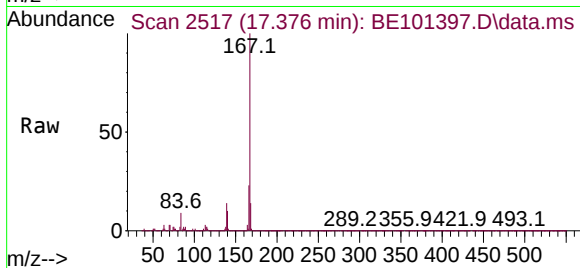
139 13.7 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/30/2024



#74

Di-n-butylphthalate

Concen: 42.876 ng

RT: 17.822 min Scan# 2593

Delta R.T. -0.001 min

Lab File: BE101397.D

Acq: 28 Oct 2024 16:37

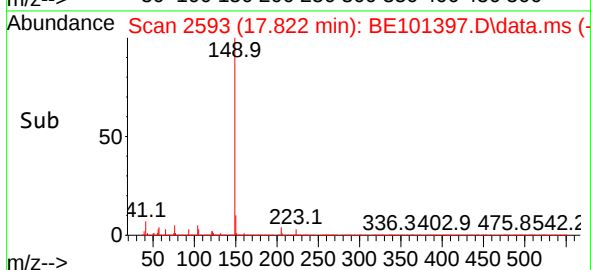
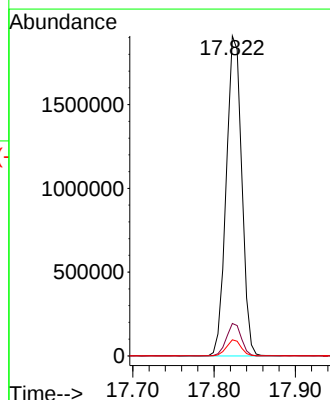
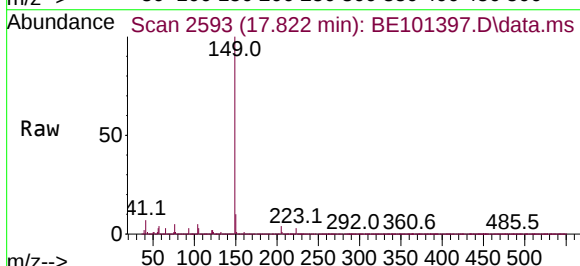
Tgt Ion:149 Resp: 2524597

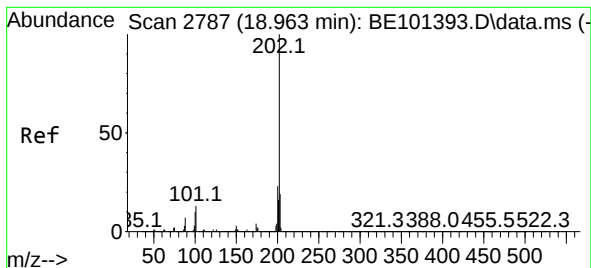
Ion Ratio Lower Upper

149 100

150 10.1 8.2 12.4

104 5.0 3.9 5.9





#75

Fluoranthene

Concen: 40.831 ng

RT: 18.962 min Scan# 21

Delta R.T. -0.001 min

Lab File: BE101397.D

Acq: 28 Oct 2024 16:37

Instrument :

BNA_E

ClientSampleId :

ICVBE102824

Tgt Ion:202 Resp: 2654890

Ion Ratio Lower Upper

202 100

101 13.0 0.0 33.3

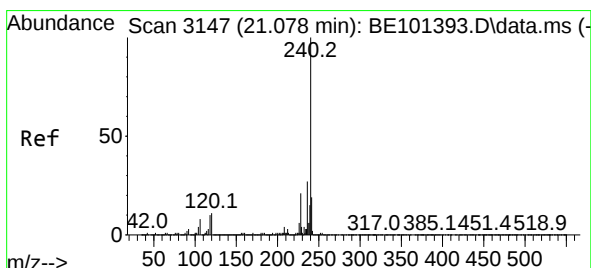
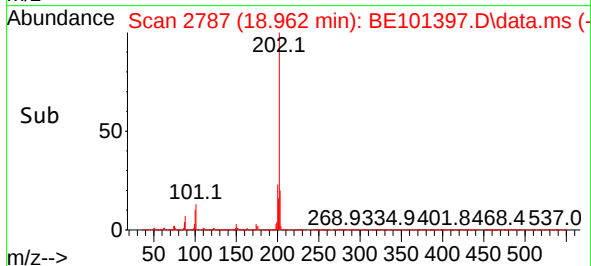
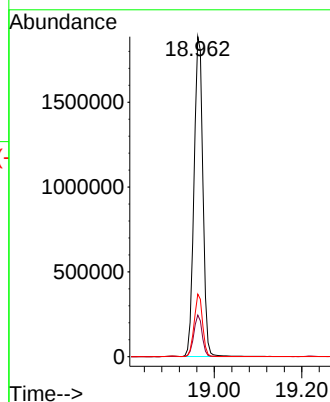
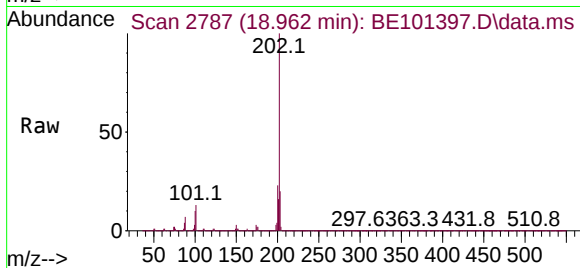
203 19.5 0.0 39.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/30/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.077 min Scan# 3147

Delta R.T. -0.001 min

Lab File: BE101397.D

Acq: 28 Oct 2024 16:37

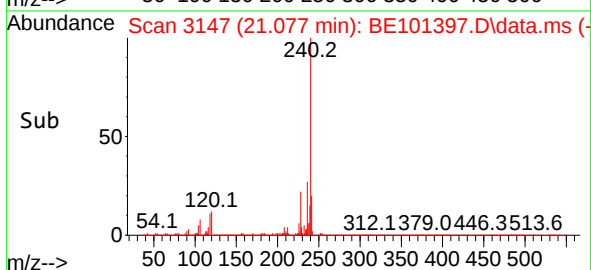
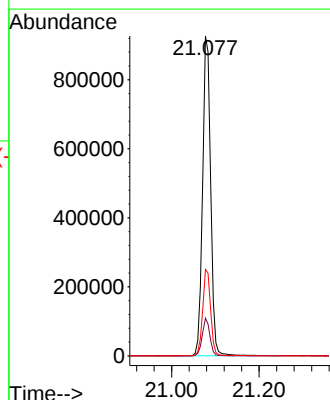
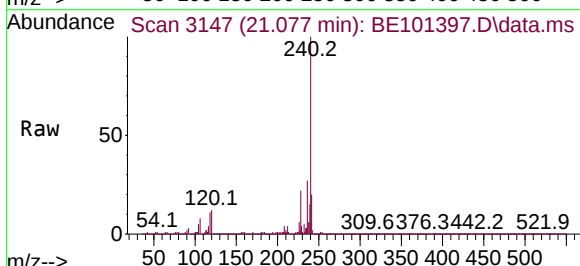
Tgt Ion:240 Resp: 1178888

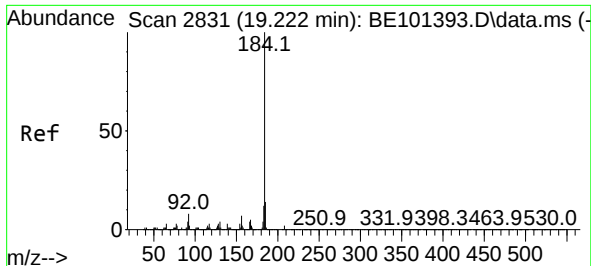
Ion Ratio Lower Upper

240 100

120 11.8 9.0 13.4

236 27.0 21.4 32.0





#77
Benzidine
Concen: 60.311 ng
RT: 19.221 min Scan# 2831
Delta R.T. -0.001 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

Instrument :

BNA_E

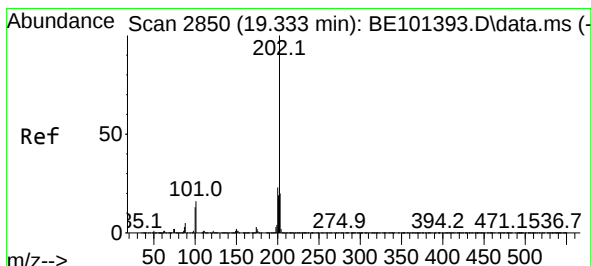
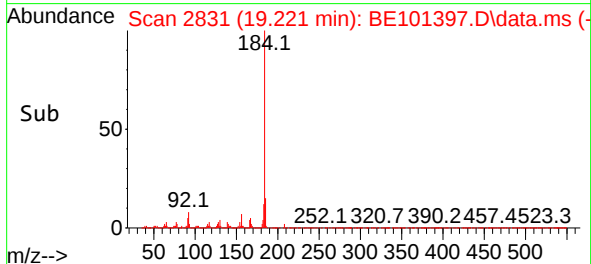
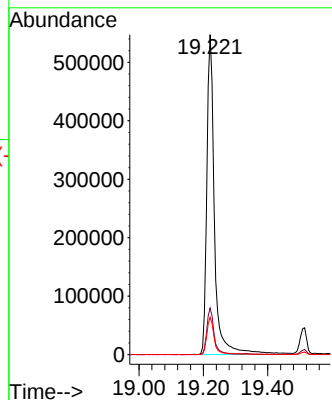
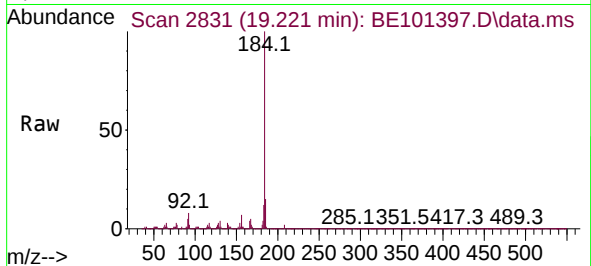
ClientSampleId :

ICVBE102824

Tgt Ion:184 Resp: 902385
Ion Ratio Lower Upper
184 100
185 14.6 11.5 17.3
183 11.6 9.3 13.9

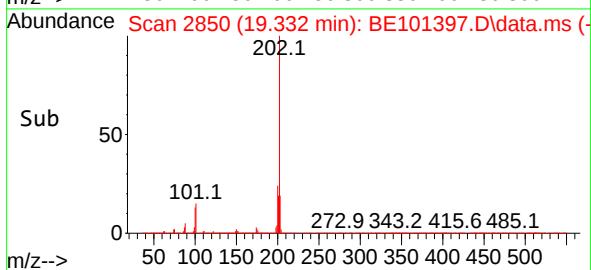
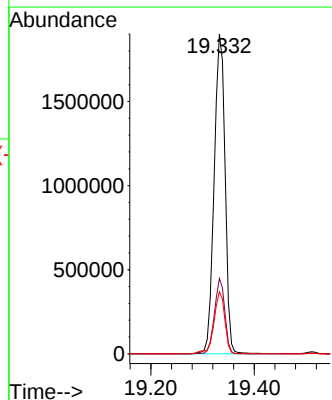
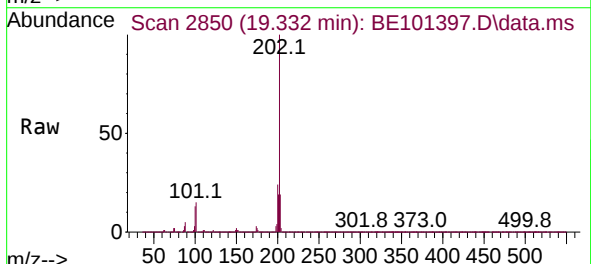
Manual Integrations
APPROVED

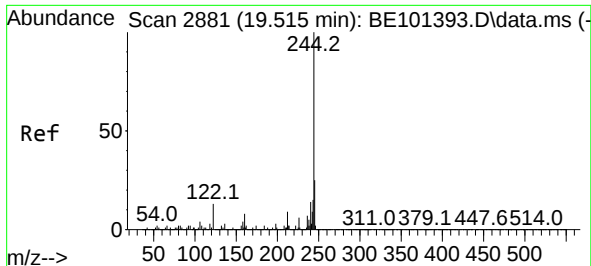
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#78
Pyrene
Concen: 43.174 ng
RT: 19.332 min Scan# 2850
Delta R.T. -0.001 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

Tgt Ion:202 Resp: 2798951
Ion Ratio Lower Upper
202 100
200 23.6 18.6 28.0
203 19.4 15.6 23.4





#79
 Terphenyl-d14
 Concen: 78.448 ng
 RT: 19.515 min Scan# 2881
 Delta R.T. -0.000 min
 Lab File: BE101397.D
 Acq: 28 Oct 2024 16:37

Instrument :

BNA_E

ClientSampleId :

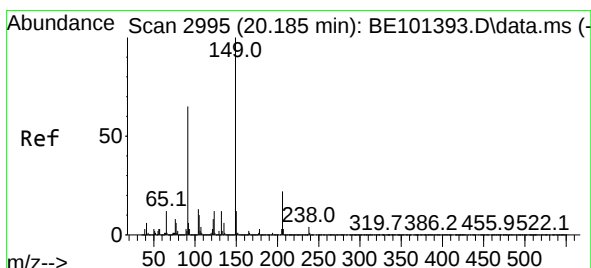
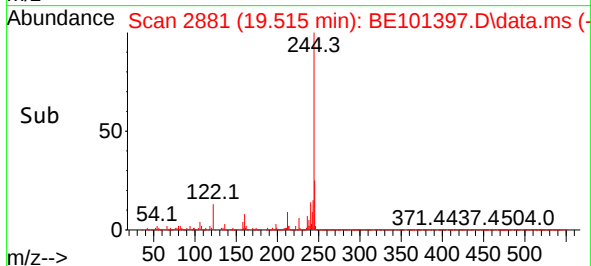
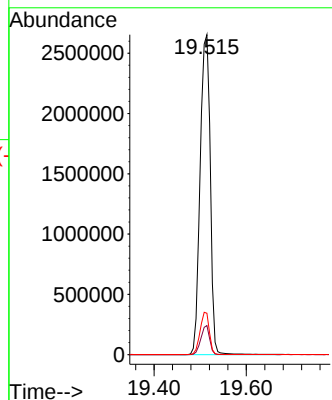
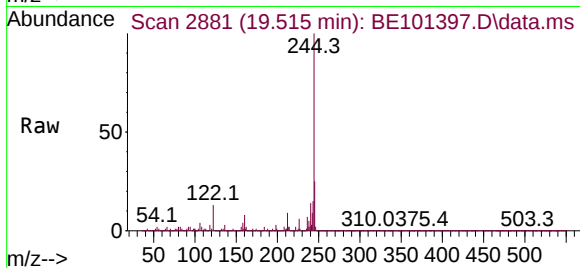
ICVBE102824

Tgt Ion:244 Resp: 401824
 Ion Ratio Lower Upper
 244 100
 212 9.1 7.2 10.8
 122 12.9 10.4 15.6

Manual Integrations

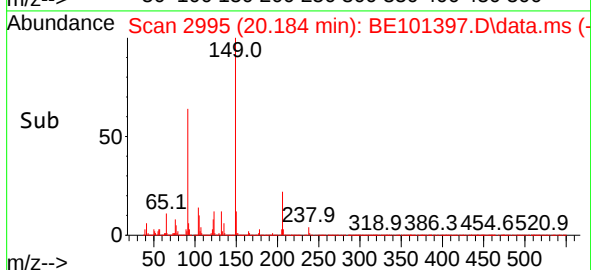
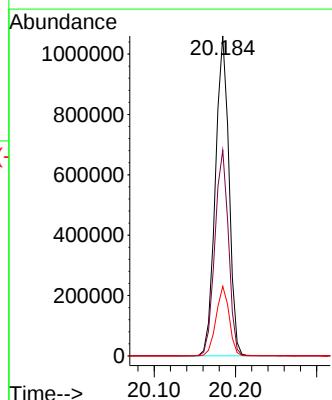
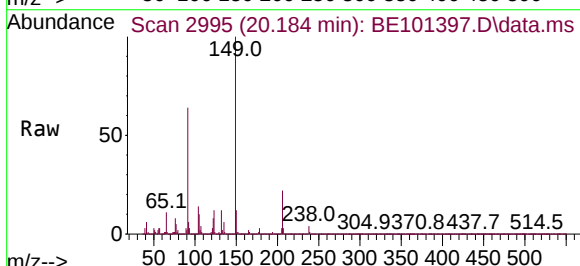
APPROVED

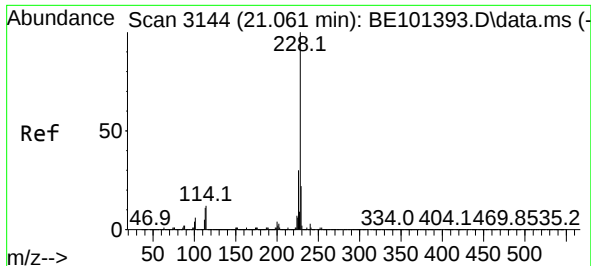
Reviewed By :Yogesh Patel 10/29/2024
 Supervised By :mohammad ahmed 10/30/2024



#80
 Butylbenzylphthalate
 Concen: 43.265 ng
 RT: 20.184 min Scan# 2995
 Delta R.T. -0.001 min
 Lab File: BE101397.D
 Acq: 28 Oct 2024 16:37

Tgt Ion:149 Resp: 1229626
 Ion Ratio Lower Upper
 149 100
 91 64.3 51.8 77.8
 206 21.8 17.4 26.2





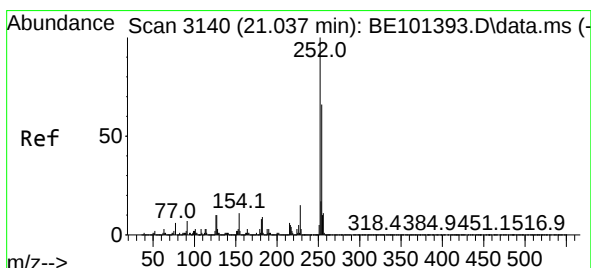
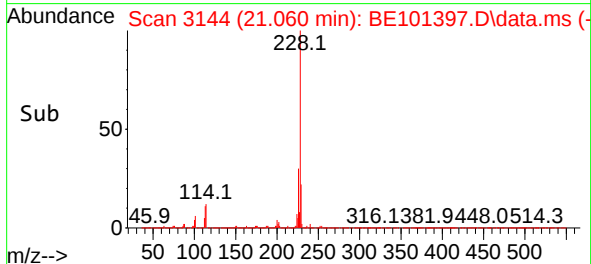
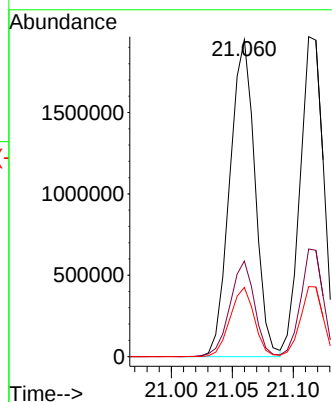
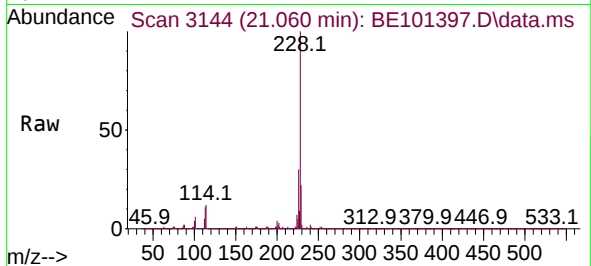
#81
Benzo(a)anthracene
Concen: 42.205 ng
RT: 21.060 min Scan# 3144
Delta R.T. -0.001 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

Instrument :
BNA_E
ClientSampleId :
ICVBE102824

Tgt Ion:228 Resp: 2796518
Ion Ratio Lower Upper
228 100
226 30.2 24.1 36.1
229 21.8 17.3 25.9

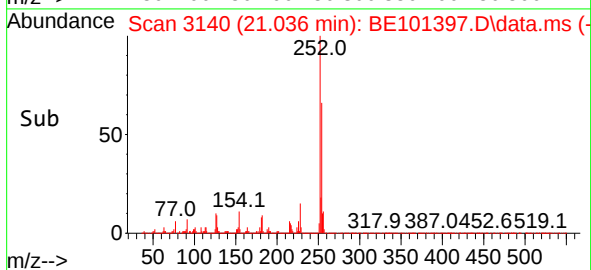
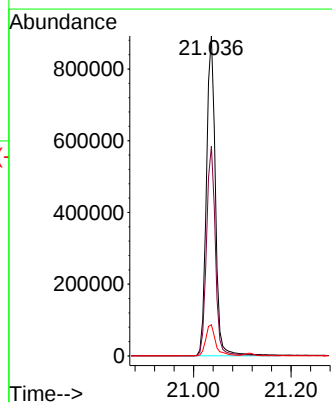
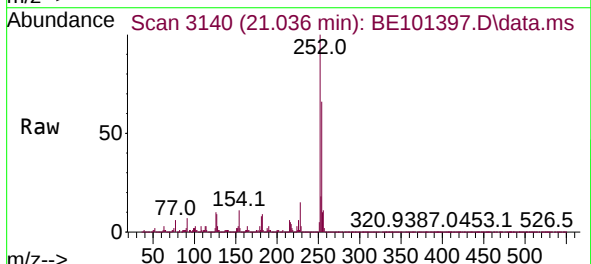
Manual Integrations
APPROVED

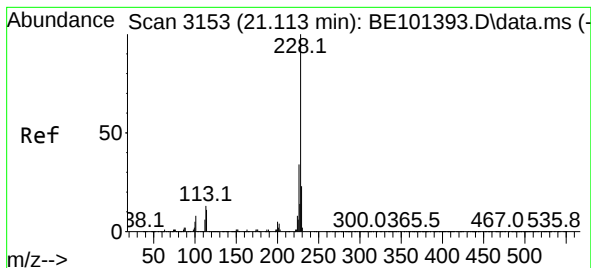
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#82
3,3'-Dichlorobenzidine
Concen: 43.941 ng
RT: 21.036 min Scan# 3140
Delta R.T. -0.001 min
Lab File: BE101397.D
Acq: 28 Oct 2024 16:37

Tgt Ion:252 Resp: 1140565
Ion Ratio Lower Upper
252 100
254 65.5 52.6 78.8
126 9.7 7.7 11.5





#83

Chrysene

Concen: 41.627 ng

RT: 21.113 min Scan# 3153

Delta R.T. -0.001 min

Lab File: BE101397.D

Acq: 28 Oct 2024 16:37

Instrument :

BNA_E

ClientSampleId :

ICVBE102824

Tgt Ion:228 Resp: 266684

Ion Ratio Lower Upper

228 100

226 33.6 27.2 40.8

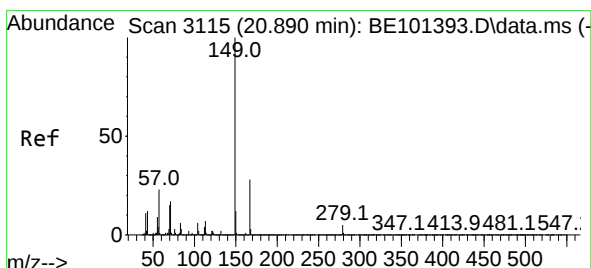
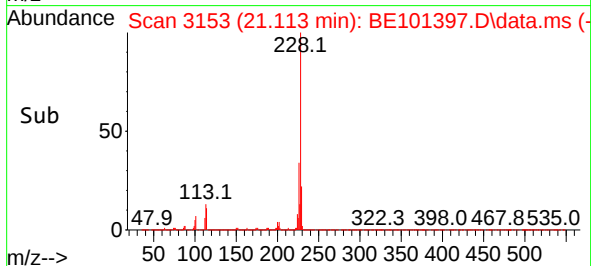
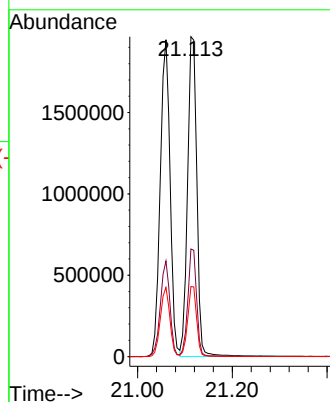
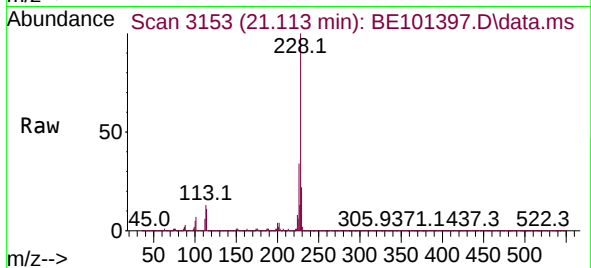
229 21.9 18.0 27.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/30/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.579 ng

RT: 20.889 min Scan# 3115

Delta R.T. -0.001 min

Lab File: BE101397.D

Acq: 28 Oct 2024 16:37

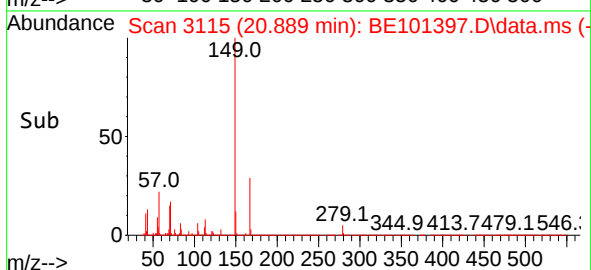
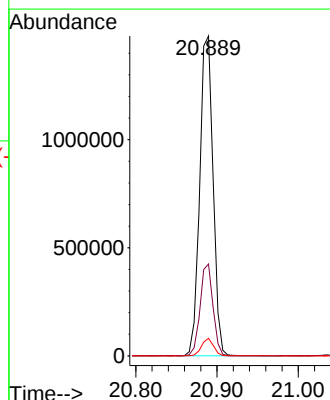
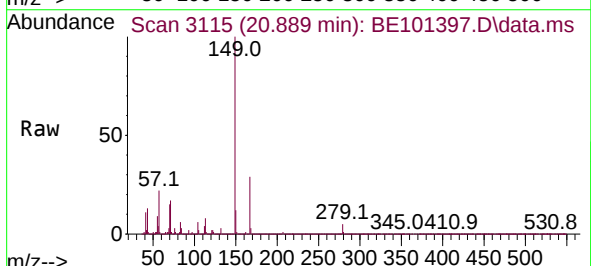
Tgt Ion:149 Resp: 1683088

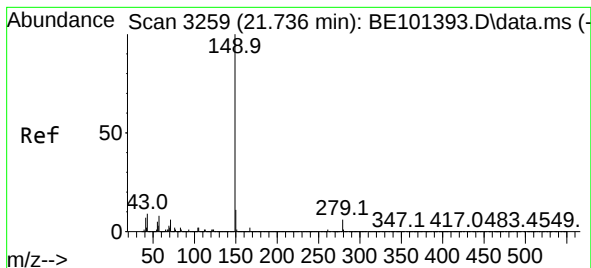
Ion Ratio Lower Upper

149 100

167 28.7 22.7 34.1

279 5.5 4.3 6.5





#85

Di-n-octyl phthalate

Concen: 44.414 ng

RT: 21.736 min Scan# 31

Delta R.T. -0.001 min

Lab File: BE101397.D

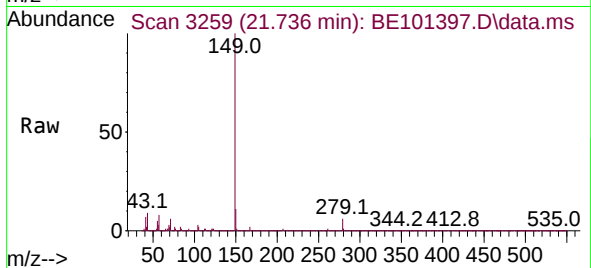
Acq: 28 Oct 2024 16:37

Instrument :

BNA_E

ClientSampleId :

ICVBE102824



Tgt Ion:149 Resp: 2752236

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

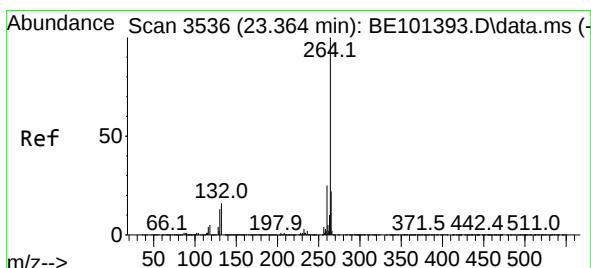
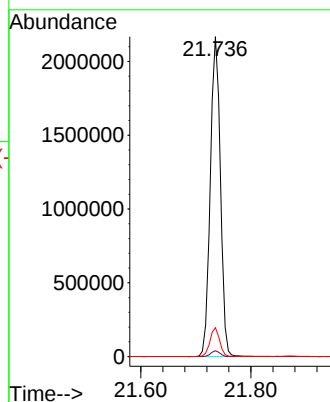
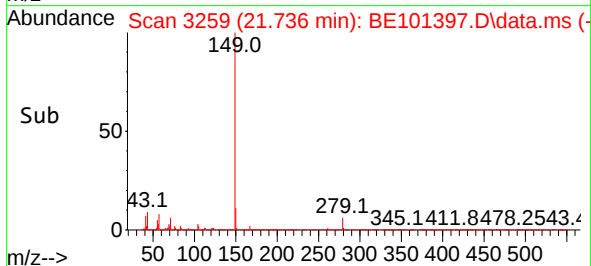
43 8.7 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/30/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.369 min Scan# 3537

Delta R.T. 0.005 min

Lab File: BE101397.D

Acq: 28 Oct 2024 16:37

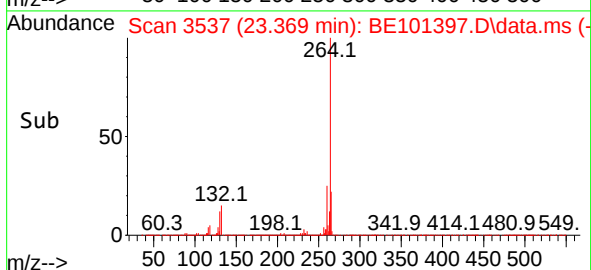
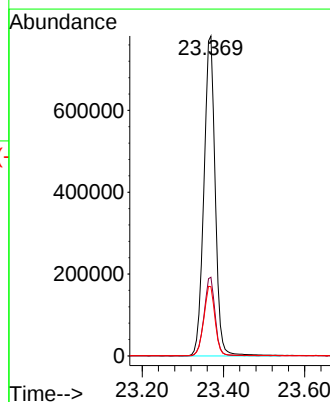
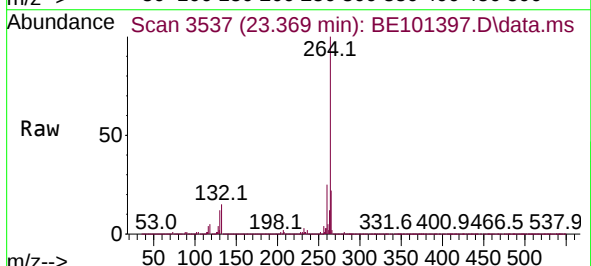
Tgt Ion:264 Resp: 1506294

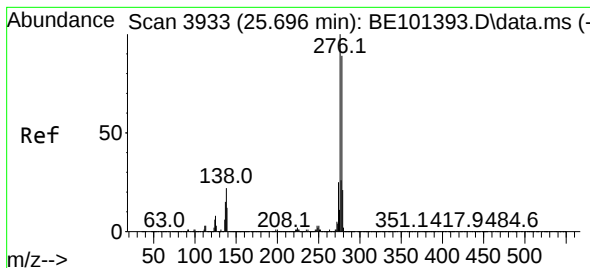
Ion Ratio Lower Upper

264 100

260 24.6 19.8 29.8

265 21.6 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.075 ng

RT: 25.696 min Scan# 3933

Delta R.T. -0.001 min

Lab File: BE101397.D

Acq: 28 Oct 2024 16:37

Instrument :

BNA_E

ClientSampleId :

ICVBE102824

Tgt Ion:276 Resp: 4140658

Ion Ratio Lower Upper

276 100

138 22.4 17.8 26.8

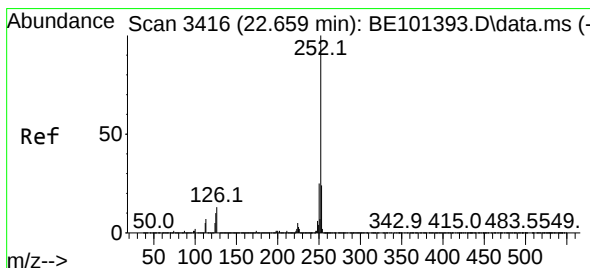
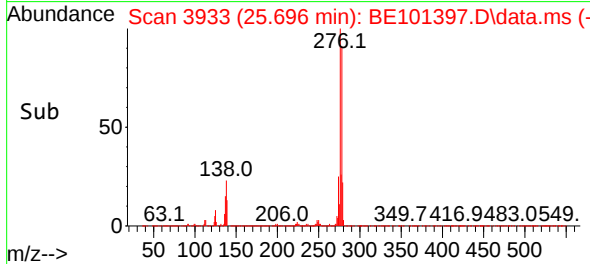
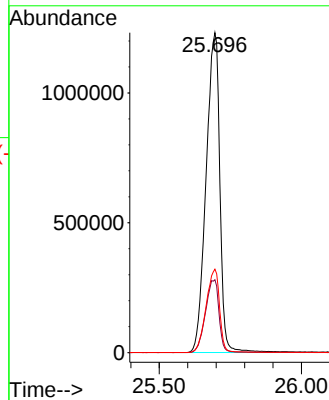
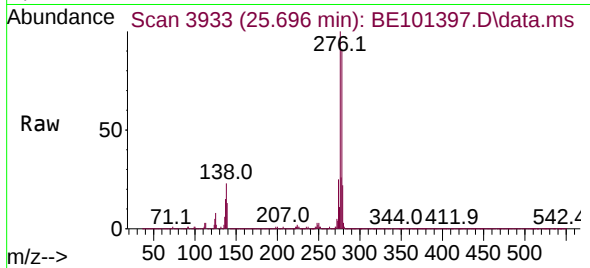
277 25.6 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/30/2024



#88

Benzo(b)fluoranthene

Concen: 42.134 ng

RT: 22.658 min Scan# 3416

Delta R.T. -0.001 min

Lab File: BE101397.D

Acq: 28 Oct 2024 16:37

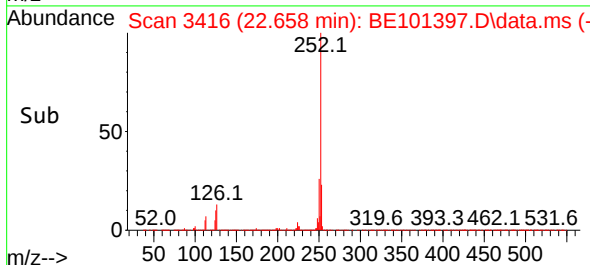
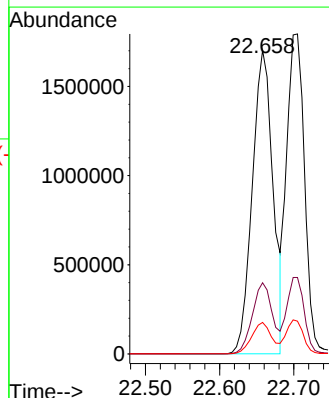
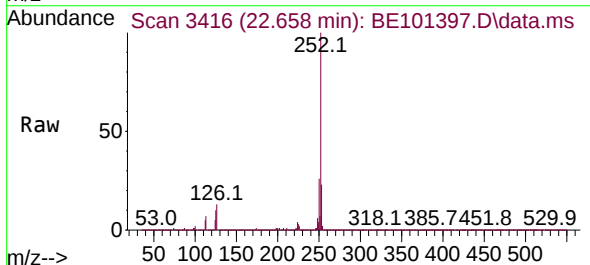
Tgt Ion:252 Resp: 3307474

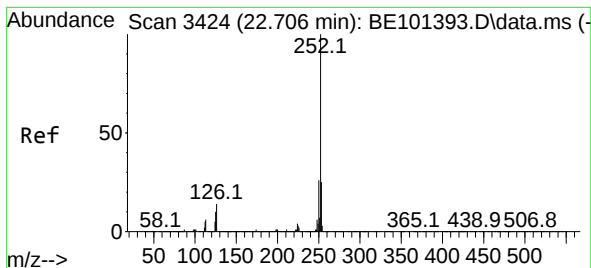
Ion Ratio Lower Upper

252 100

253 23.4 19.0 28.6

125 10.4 8.2 12.2





#89

Benzo(k)fluoranthene

Concen: 41.512 ng

RT: 22.705 min Scan# 3424

Delta R.T. -0.001 min

Lab File: BE101397.D

Acq: 28 Oct 2024 16:37

Instrument :

BNA_E

ClientSampleId :

ICVBE102824

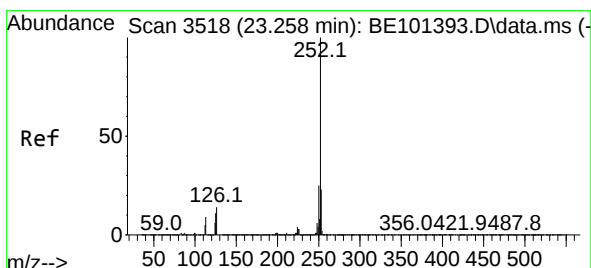
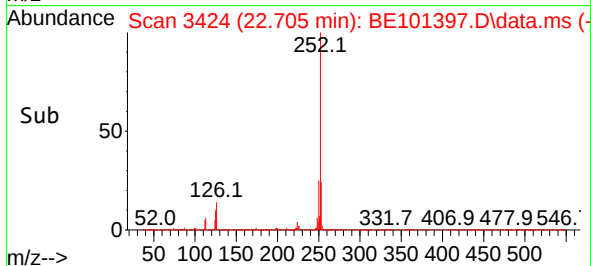
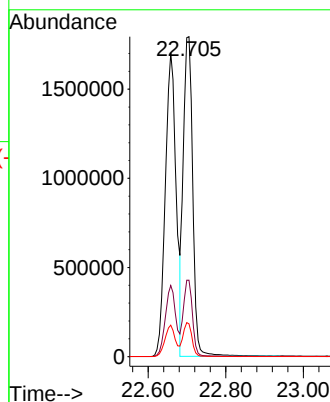
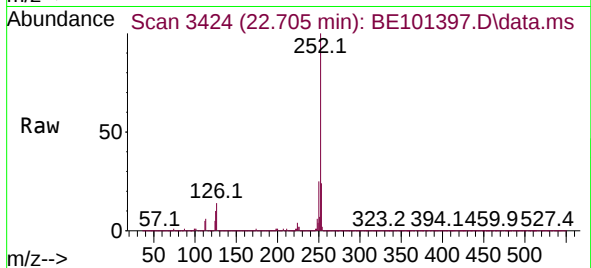
Tgt Ion:252 Resp: 3044393
 Ion Ratio Lower Upper
 252 100
 253 23.9 19.4 29.2
 125 10.2 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/30/2024



#90

Benzo(a)pyrene

Concen: 41.960 ng

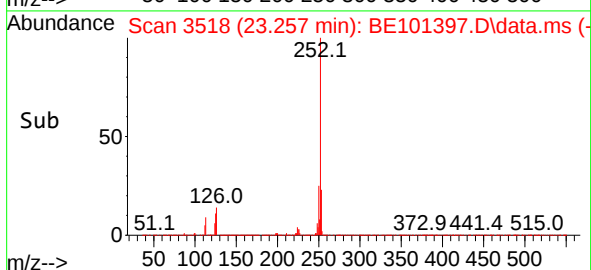
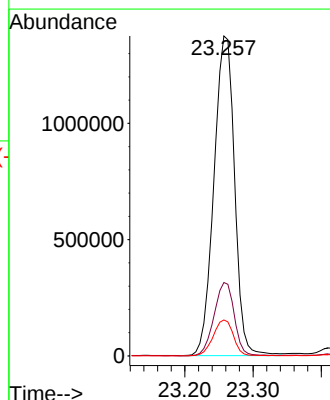
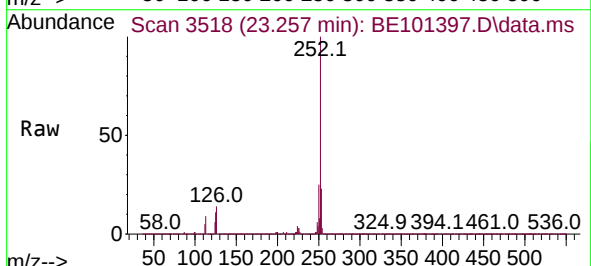
RT: 23.257 min Scan# 3518

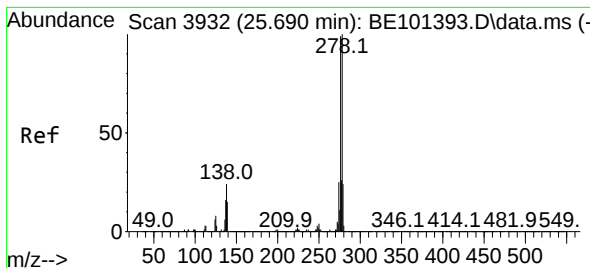
Delta R.T. -0.001 min

Lab File: BE101397.D

Acq: 28 Oct 2024 16:37

Tgt Ion:252 Resp: 2880588
 Ion Ratio Lower Upper
 252 100
 253 22.9 18.4 27.6
 125 11.2 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 41.651 ng

RT: 25.684 min Scan# 3932

Delta R.T. -0.007 min

Lab File: BE101397.D

Acq: 28 Oct 2024 16:37

Instrument :

BNA_E

ClientSampleId :

ICVBE102824

Tgt Ion:278 Resp: 3469403

Ion Ratio Lower Upper

278 100

139 14.9 11.9 17.9

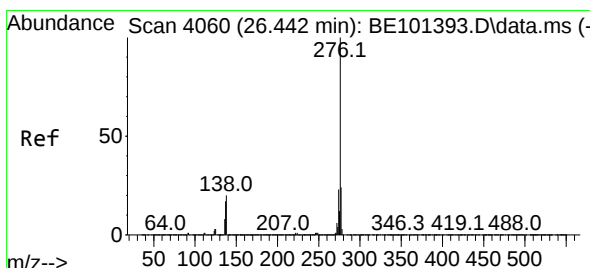
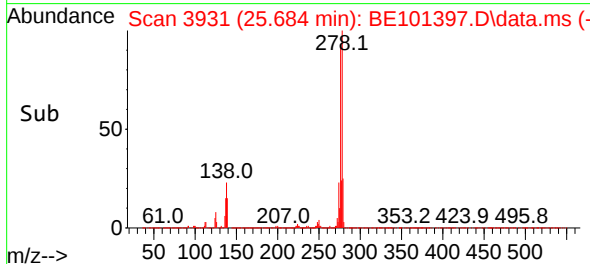
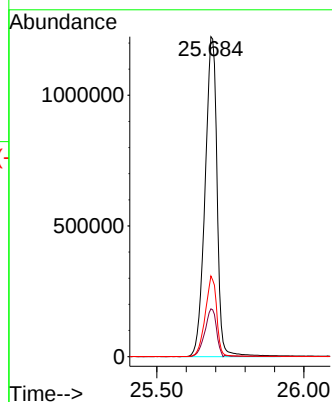
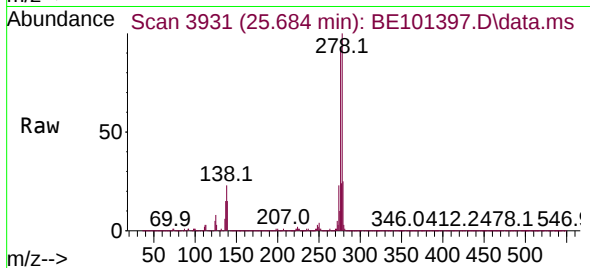
279 25.2 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/30/2024



#92

Benzo(g,h,i)perylene

Concen: 40.986 ng

RT: 26.442 min Scan# 4060

Delta R.T. -0.001 min

Lab File: BE101397.D

Acq: 28 Oct 2024 16:37

Tgt Ion:276 Resp: 3517606

Ion Ratio Lower Upper

276 100

277 24.3 19.4 29.2

138 18.8 15.8 23.6

