

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE091724\
 Data File : BE101352.D
 Acq On : 17 Sep 2024 15:34
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE091724

Quant Time: Sep 17 16:29:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE091724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 17 16:03:42 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/19/2024
 Supervised By :mohammad ahmed 09/19/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	164392	20.000	ng	0.00
21) Naphthalene-d8	10.342	136	840514	20.000	ng	0.00
39) Acenaphthene-d10	14.185	164	630278	20.000	ng	0.00
64) Phenanthrene-d10	16.923	188	1414911	20.000	ng	0.00
76) Chrysene-d12	21.088	240	1515273	20.000	ng	0.00
86) Perylene-d12	23.380	264	1886393	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.325	112	757095	80.523	ng	0.00
7) Phenol-d6	6.952	99	1114998	83.654	ng	0.00
23) Nitrobenzene-d5	8.791	82	1119793	84.464	ng	0.00
42) 2,4,6-Tribromophenol	15.695	330	869781	82.047	ng	0.00
45) 2-Fluorobiphenyl	12.810	172	2906396	79.686	ng	0.00
79) Terphenyl-d14	19.520	244	4639796	67.895	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.204	88	141093	39.410	ng	99
3) Pyridine	3.656	79	418239m	40.556	ng	
4) n-Nitrosodimethylamine	3.562	42	158138	42.680	ng	99
6) Aniline	7.017	93	443458	39.656	ng	98
8) 2-Chlorophenol	7.216	128	456776	40.430	ng	99
9) Benzaldehyde	6.782	77	276195	45.088	ng	97
10) Phenol	6.976	94	618617	42.225	ng	99
11) bis(2-Chloroethyl)ether	7.046	93	429985	34.679	ng	99
12) 1,3-Dichlorobenzene	7.463	146	475663	39.174	ng	100
13) 1,4-Dichlorobenzene	7.610	146	484455	39.159	ng	99
14) 1,2-Dichlorobenzene	7.939	146	483886	39.472	ng	99
15) Benzyl Alcohol	7.916	79	340823	42.944	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.080	45	623309	39.887	ng	98
17) 2-Methylphenol	8.162	107	405456	41.768	ng	98
18) Hexachloroethane	8.632	117	163909	40.512	ng	97
19) n-Nitroso-di-n-propyla...	8.380	70	405642	43.121	ng	98
20) 3+4-Methylphenols	8.497	107	581942	42.604	ng	98
22) Acetophenone	8.427	105	805261	41.315	ng	# 99
24) Nitrobenzene	8.826	77	586473	41.435	ng	99
25) Isophorone	9.279	82	1131432	41.688	ng	100
26) 2-Nitrophenol	9.514	139	288947	43.255	ng	100
27) 2,4-Dimethylphenol	9.631	122	354624	41.352	ng	99
28) bis(2-Chloroethoxy)met...	9.784	93	674040	41.058	ng	100
29) 2,4-Dichlorophenol	10.066	162	493329	42.008	ng	99
30) 1,2,4-Trichlorobenzene	10.189	180	507503	39.985	ng	100
31) Naphthalene	10.395	128	1699169	40.065	ng	100
32) Benzoic acid	9.896	122	353062	40.056	ng	98
33) 4-Chloroaniline	10.624	127	695076	42.839	ng	99
34) Hexachlorobutadiene	10.642	225	290952	39.457	ng	99
35) Caprolactam	11.412	113	209916m	44.246	ng	
36) 4-Chloro-3-methylphenol	11.793	107	587939	42.369	ng	100
37) 2-Methylnaphthalene	11.981	142	1260181	40.630	ng	100
38) 1-Methylnaphthalene	12.211	142	1261578	40.543	ng	100
40) 1,2,4,5-Tetrachloroben...	12.340	216	600716	39.565	ng	100
41) Hexachlorocyclopentadiene	12.322	237	195244	39.137	ng	99
43) 2,4,6-Trichlorophenol	12.657	196	446480	41.523	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.763	196	501436	41.331	ng	99
46) 1,1'-Biphenyl	13.016	154	1690069	39.570	ng	100
47) 2-Chloronaphthalene	13.063	162	1335558	39.751	ng	99
48) 2-Nitroaniline	13.392	65	395708	43.776	ng	99
49) Acenaphthylene	13.920	152	2032608	40.545	ng	100
50) Dimethylphthalate	13.697	163	1792656	39.416	ng	99
51) 2,6-Dinitrotoluene	13.832	165	425264	41.783	ng	97
52) Acenaphthene	14.249	154	1312528	39.717	ng	99
53) 3-Nitroaniline	14.243	138	452213	43.192	ng	96
54) 2,4-Dinitrophenol	14.373	184	259111	42.766	ng	99
55) Dibenzofuran	14.590	168	2072465	39.703	ng	100
56) 4-Nitrophenol	14.661	139	393588	45.218	ng	97
57) 2,4-Dinitrotoluene	14.614	165	593512	42.835	ng	98
58) Fluorene	15.231	166	1755319	39.910	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.860	232	469160	40.892	ng	100
60) Diethylphthalate	15.019	149	1876941	39.778	ng	99
61) 4-Chlorophenyl-phenyle...	15.219	204	856113	39.683	ng	99
62) 4-Nitroaniline	15.430	138	485794	44.523	ng	100
63) Azobenzene	15.513	77	1618051	40.128	ng	98
65) 4,6-Dinitro-2-methylph...	15.354	198	341728	42.533	ng	98
66) n-Nitrosodiphenylamine	15.471	169	1528129	40.518	ng	100
67) 4-Bromophenyl-phenylether	16.106	248	587602	39.976	ng	99
68) Hexachlorobenzene	16.212	284	769882	40.527	ng	99
69) Atrazine	16.406	200	493864	39.655	ng	99
70) Pentachlorophenol	16.617	266	497249	43.810	ng	99
71) Phenanthrene	16.970	178	2681263	39.900	ng	100
72) Anthracene	17.052	178	2658675	40.656	ng	99
73) Carbazole	17.387	167	2735625	40.822	ng	99
74) Di-n-butylphthalate	17.833	149	3118499	42.382	ng	100
75) Fluoranthene	18.973	202	3276298	40.499	ng	100
77) Benzidine	19.232	184	1538897	61.193	ng	100
78) Pyrene	19.343	202	3427363	40.669	ng	99
80) Butylbenzylphthalate	20.189	149	1564130	41.927	ng	98
81) Benzo(a)anthracene	21.065	228	3413308	40.111	ng	99
82) 3,3'-Dichlorobenzidine	21.041	252	1426467	42.782	ng	100
83) Chrysene	21.124	228	3262808	39.915	ng	100
84) Bis(2-ethylhexyl)phtha...	20.895	149	2123727	43.046	ng	99
85) Di-n-octyl phthalate	21.746	149	3359937	41.721	ng	100
87) Indeno(1,2,3-cd)pyrene	25.718	276	5056059	40.682	ng	100
88) Benzo(b)fluoranthene	22.669	252	3989154	40.831	ng	99
89) Benzo(k)fluoranthene	22.716	252	3705356	40.183	ng	99
90) Benzo(a)pyrene	23.274	252	3528916	40.927	ng	100
91) Dibenzo(a,h)anthracene	25.707	278	4258041	40.923	ng	99
92) Benzo(g,h,i)perylene	26.464	276	4280892	40.519	ng	99

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

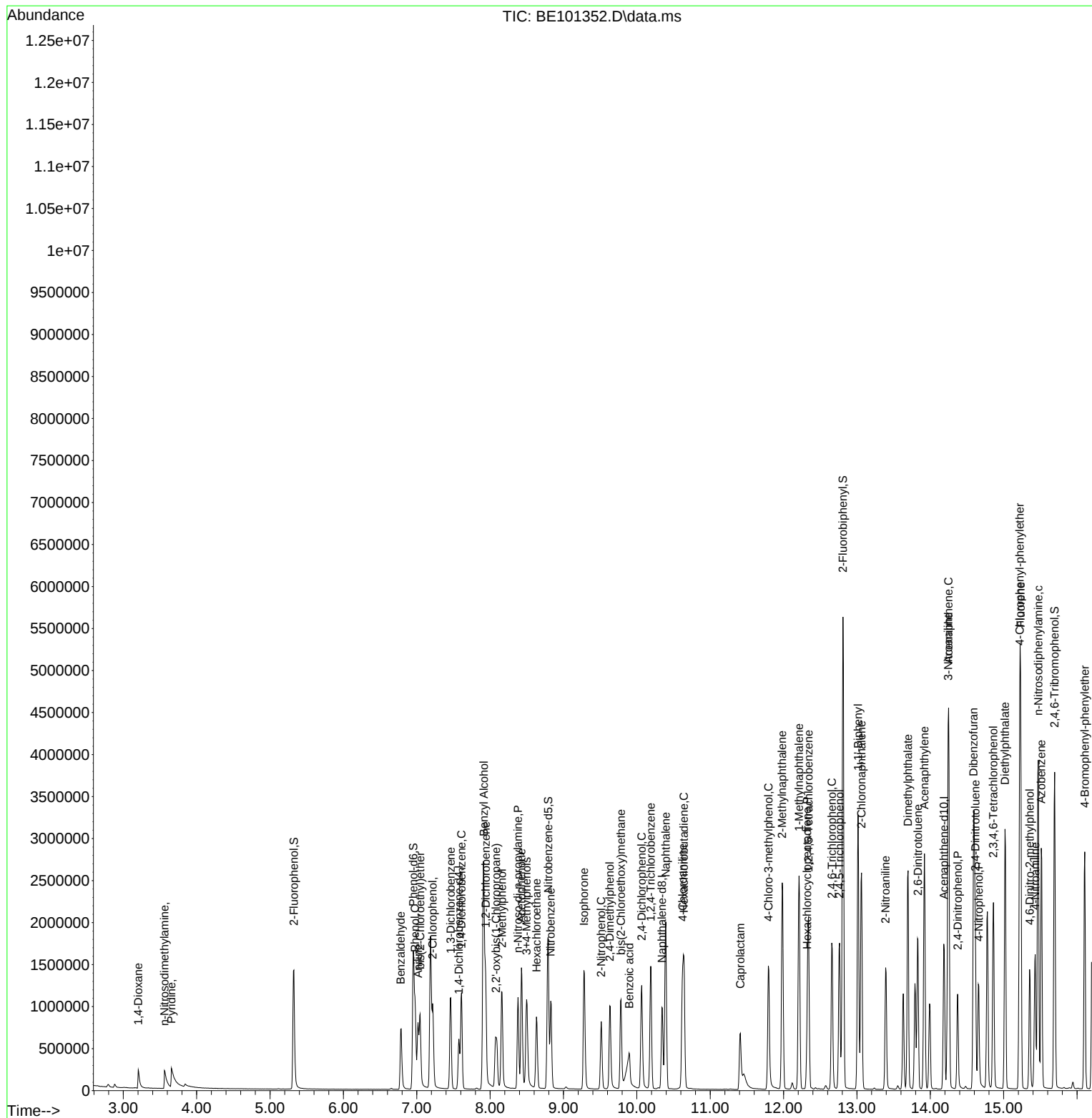
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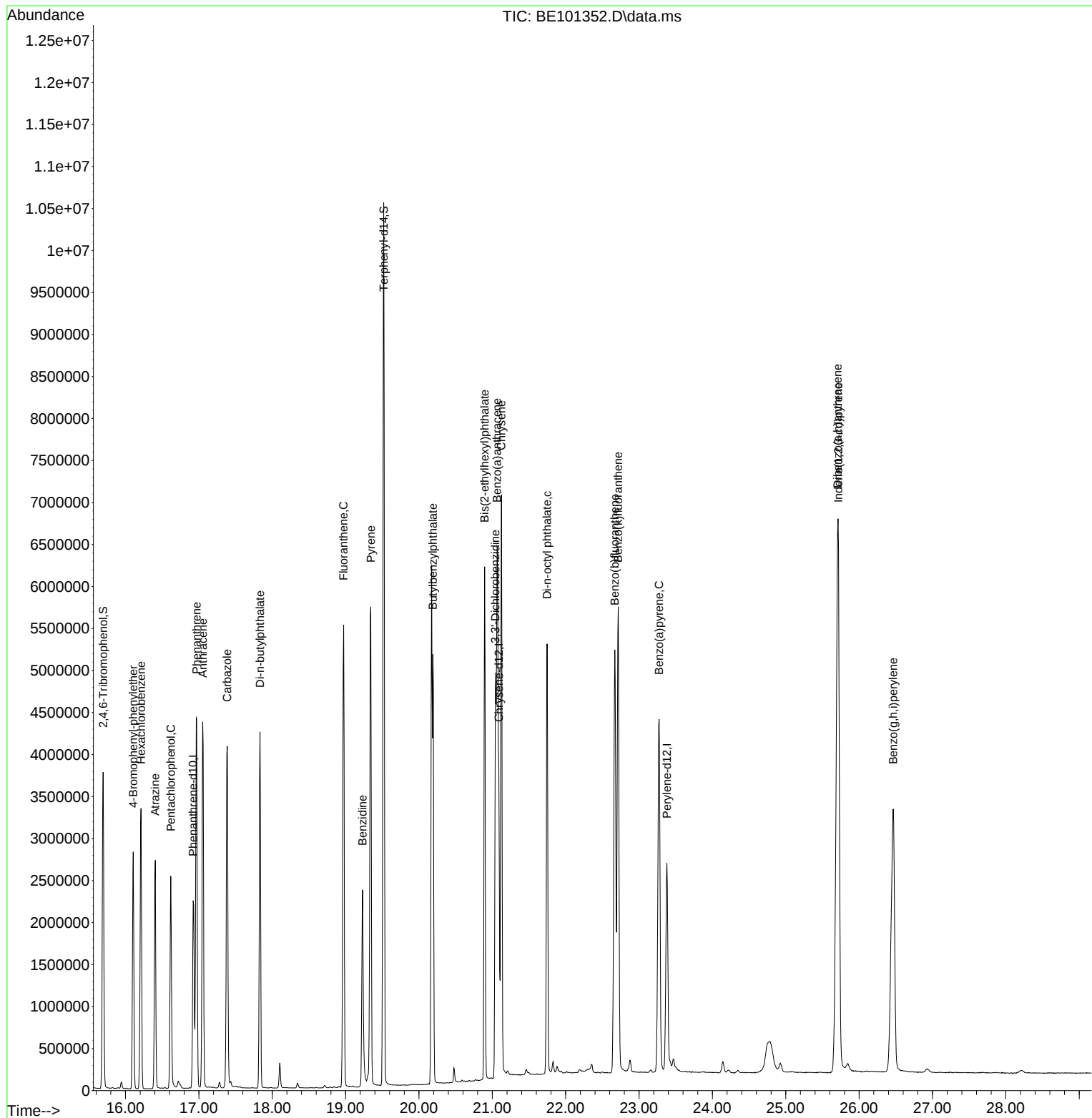
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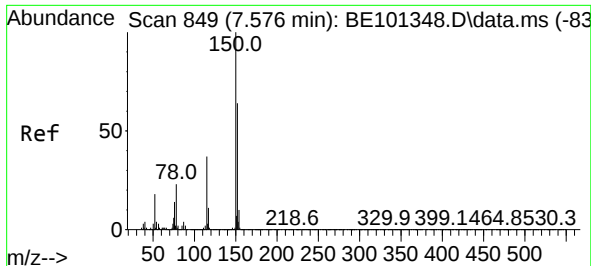
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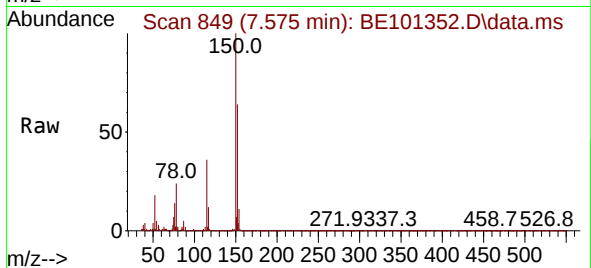
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.575 min Scan# 849
Delta R.T. -0.001 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

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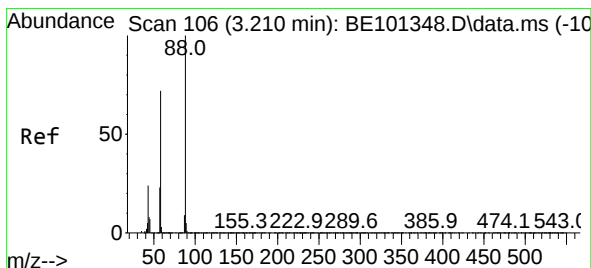
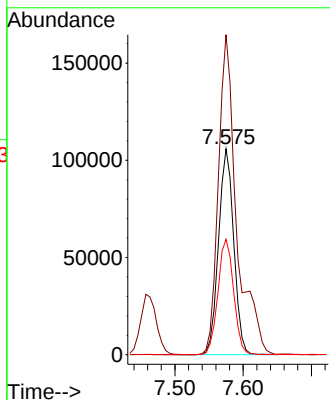
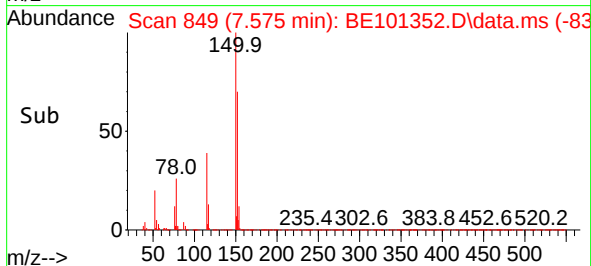
Tgt Ion:152 Resp: 164392
Ion Ratio Lower Upper
152 100
150 155.5 125.9 188.9
115 56.1 46.9 70.3

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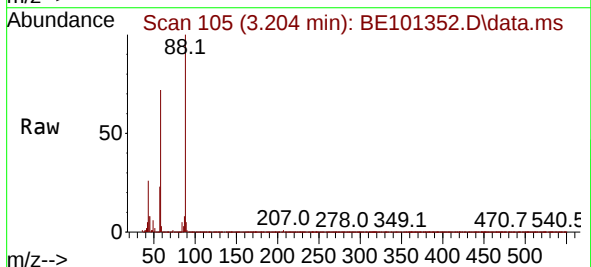
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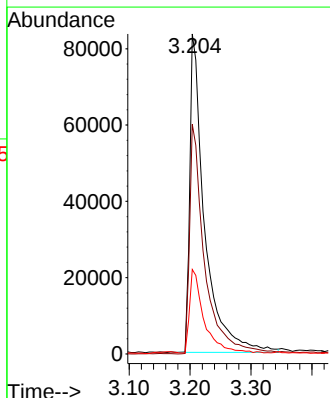
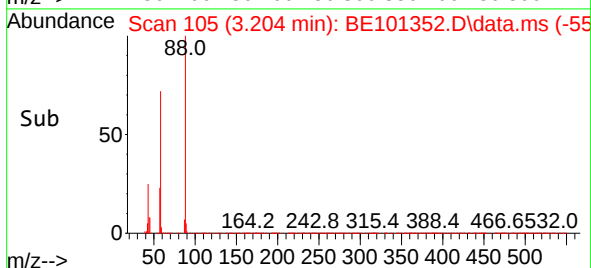
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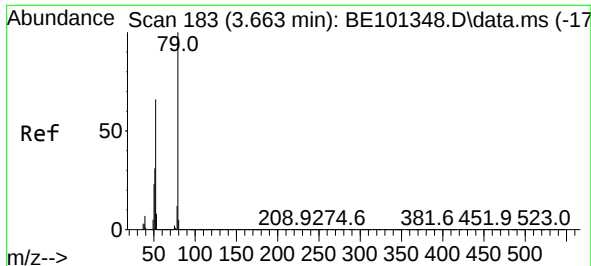


#2
1,4-Dioxane
Concen: 39.410 ng
RT: 3.204 min Scan# 105
Delta R.T. -0.007 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34



Tgt Ion: 88 Resp: 141093
Ion Ratio Lower Upper
88 100
58 73.5 58.8 88.2
43 25.5 19.4 29.2





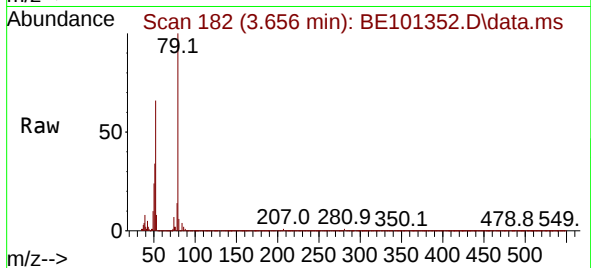
#3
Pyridine
Concen: 40.556 ng m
RT: 3.656 min Scan# 183
Delta R.T. -0.007 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

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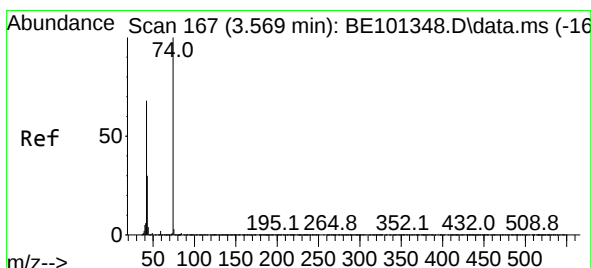
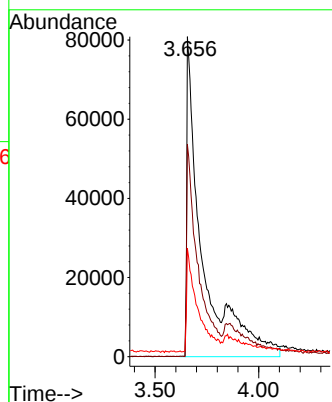
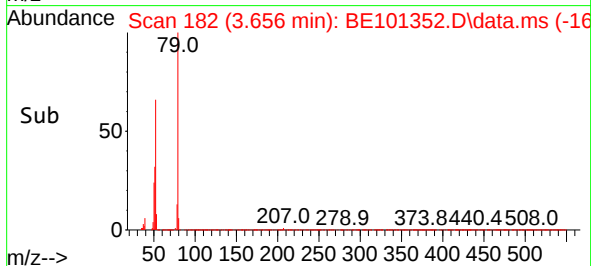
Tgt Ion: 79 Resp: 418239
Ion Ratio Lower Upper
79 100
52 66.4 52.6 78.8
51 33.8 26.2 39.2

Manual Integrations

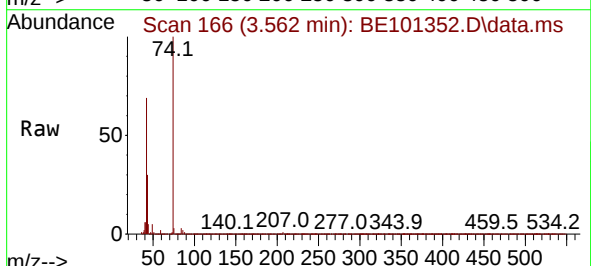
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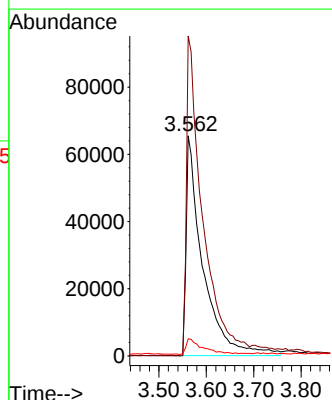
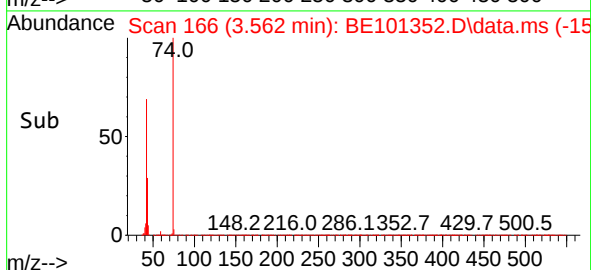
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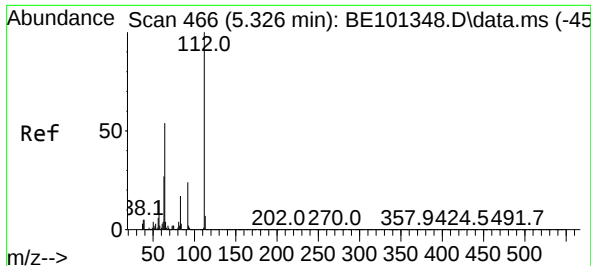


#4
n-Nitrosodimethylamine
Concen: 42.680 ng
RT: 3.562 min Scan# 166
Delta R.T. -0.007 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34



Tgt Ion: 42 Resp: 158138
Ion Ratio Lower Upper
42 100
74 145.4 117.0 175.4
44 7.8 5.9 8.9





#5
2-Fluorophenol
Concen: 80.523 ng
RT: 5.325 min Scan# 466
Delta R.T. -0.001 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

Instrument :

BNA_E

ClientSampleId :

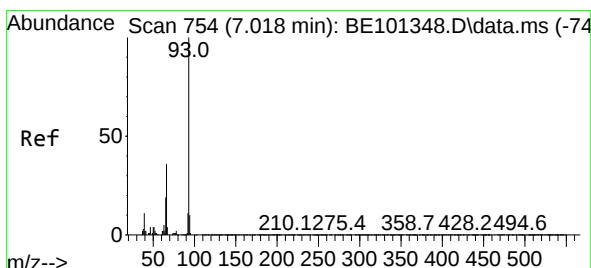
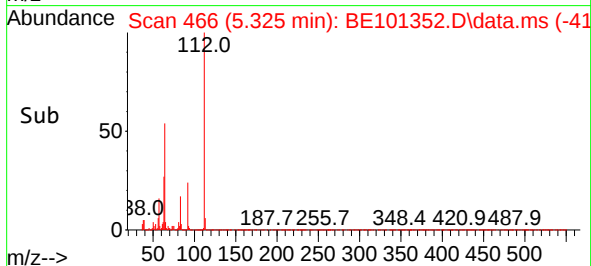
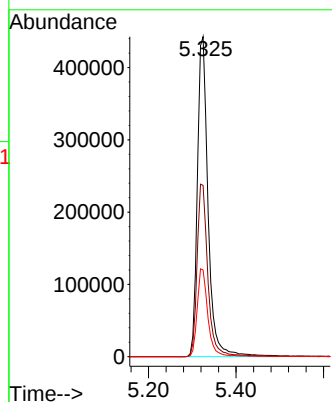
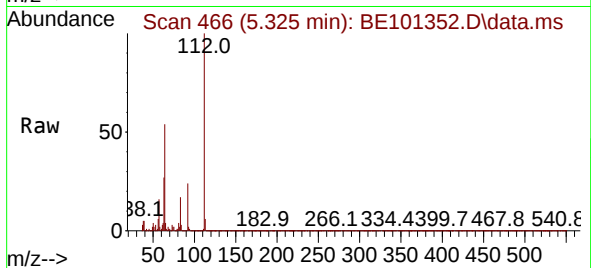
ICVBE091724

Tgt Ion:112 Resp: 757095
Ion Ratio Lower Upper
112 100
64 53.6 42.8 64.2
63 27.1 21.3 31.9

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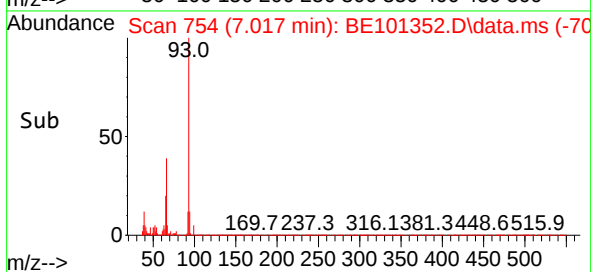
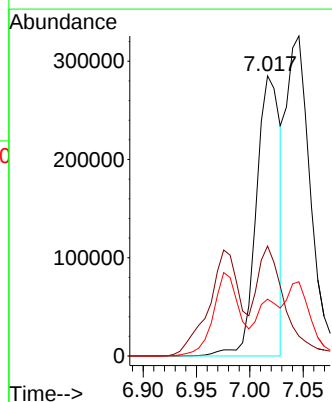
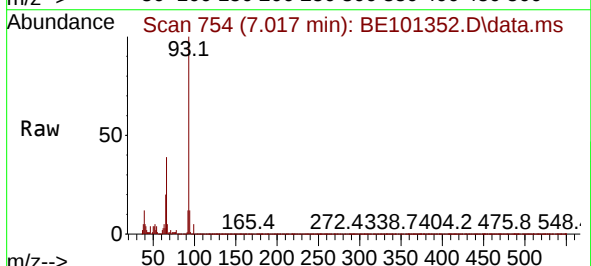
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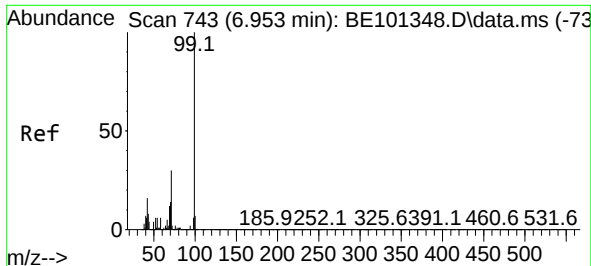
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#6
Aniline
Concen: 39.656 ng
RT: 7.017 min Scan# 754
Delta R.T. -0.001 min
Lab File: BE101352.D
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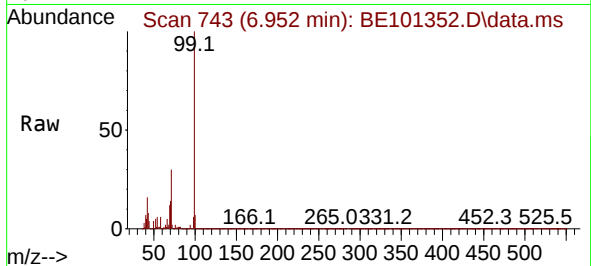
Tgt Ion: 93 Resp: 443458
Ion Ratio Lower Upper
93 100
66 39.3 30.0 45.0
65 20.3 15.8 23.8





#7
Phenol-d6
Concen: 83.654 ng
RT: 6.952 min Scan# 743
Delta R.T. -0.001 min
Lab File: BE101352.D
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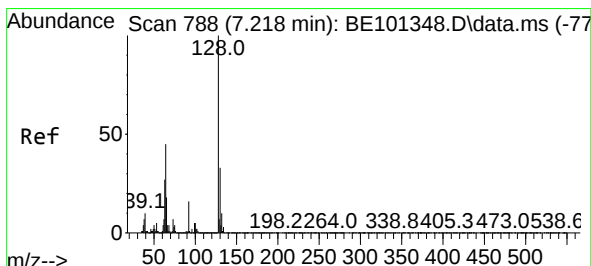
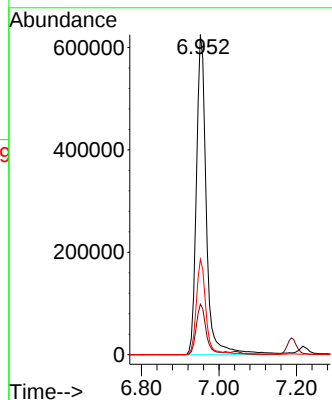
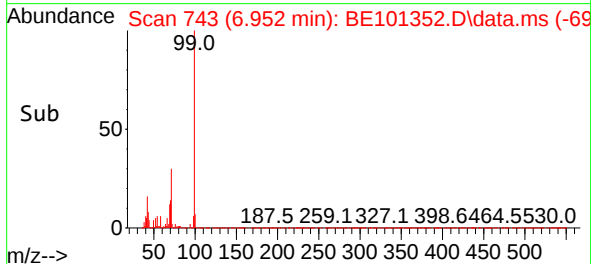
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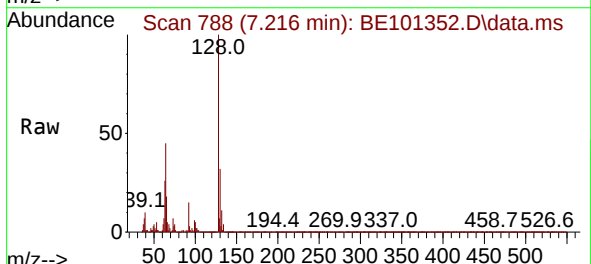
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Ion Ratio Lower Upper
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42 15.8 12.8 19.2
71 29.8 23.8 35.6

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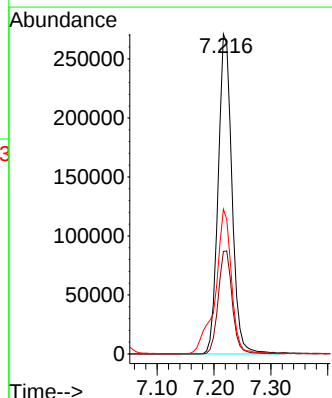
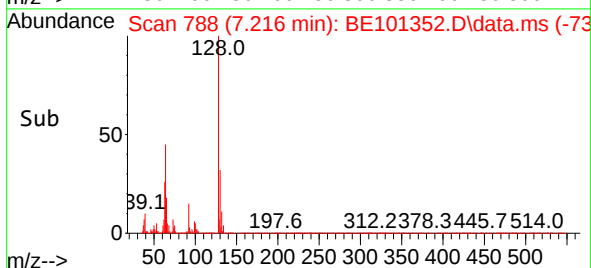
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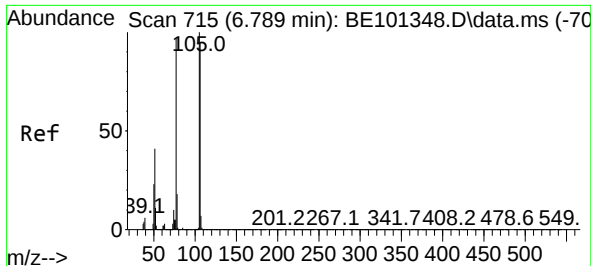


#8
2-Chlorophenol
Concen: 40.430 ng
RT: 7.216 min Scan# 788
Delta R.T. -0.001 min
Lab File: BE101352.D
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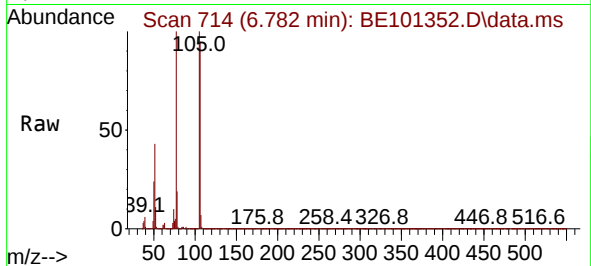
Tgt Ion:128 Resp: 456776
Ion Ratio Lower Upper
128 100
130 32.0 12.8 52.8
64 45.3 24.9 64.9





#9
Benzaldehyde
Concen: 45.088 ng
RT: 6.782 min Scan# 714
Delta R.T. -0.007 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

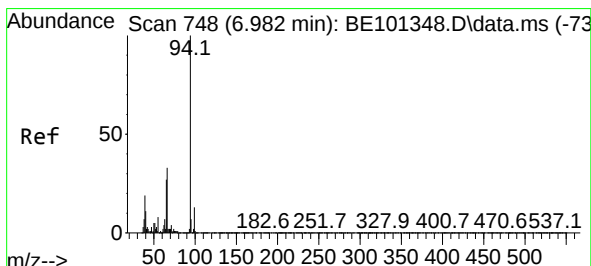
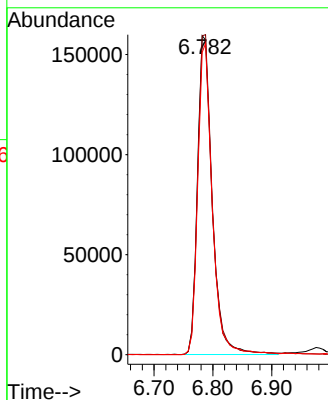
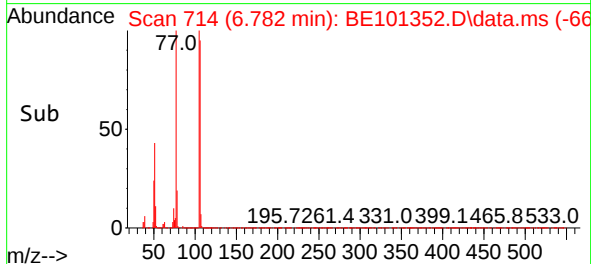
Instrument : BNA_E
ClientSampleId : ICVBE091724



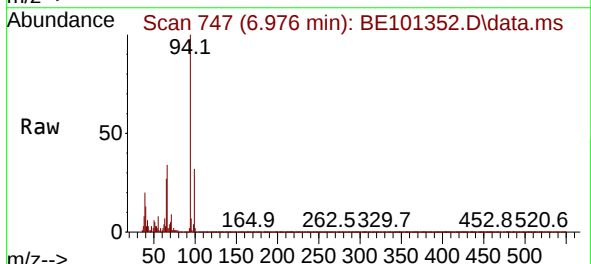
Tgt Ion: 77 Resp: 276199
Ion Ratio Lower Upper
77 100
105 99.9 82.8 122.8
106 94.7 77.9 117.9

Manual Integrations
APPROVED

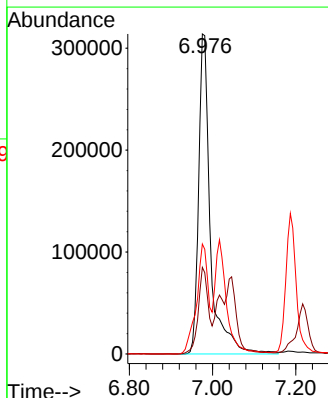
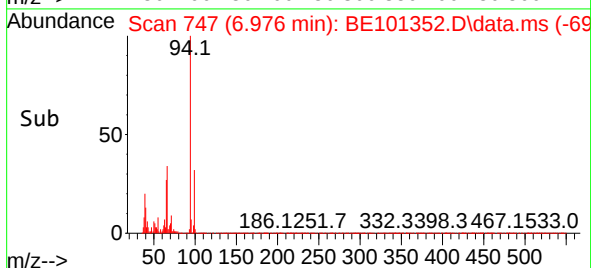
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/19/2024

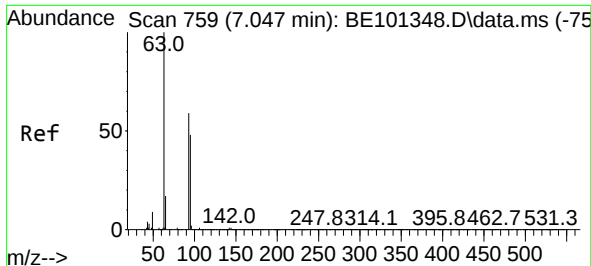


#10
Phenol
Concen: 42.225 ng
RT: 6.976 min Scan# 747
Delta R.T. -0.007 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34



Tgt Ion: 94 Resp: 618617
Ion Ratio Lower Upper
94 100
65 27.0 7.1 47.1
66 34.4 13.1 53.1





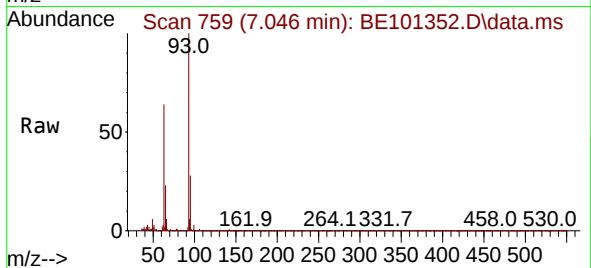
#11
bis(2-Chloroethyl)ether
Concen: 34.679 ng
RT: 7.046 min Scan# 70
Delta R.T. -0.001 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

Instrument :

BNA_E

ClientSampleId :

ICVBE091724



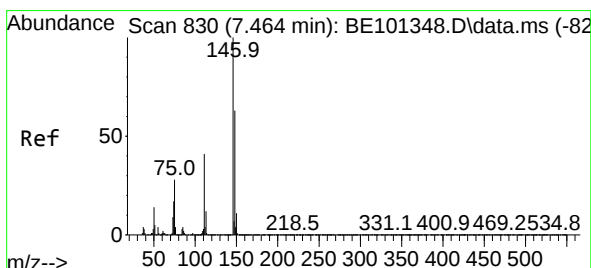
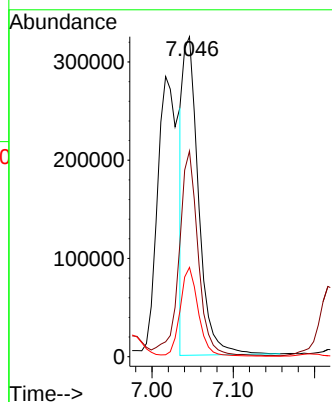
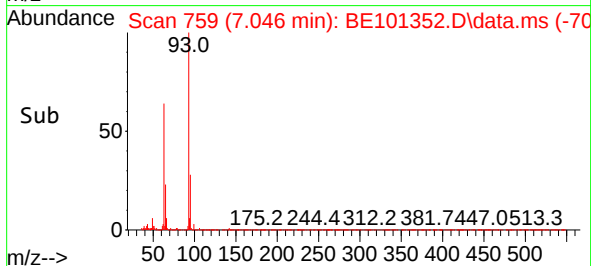
Tgt Ion: 93 Resp: 429985
Ion Ratio Lower Upper
93 100
63 64.2 43.7 83.7
95 27.9 8.7 48.7

Manual Integrations

APPROVED

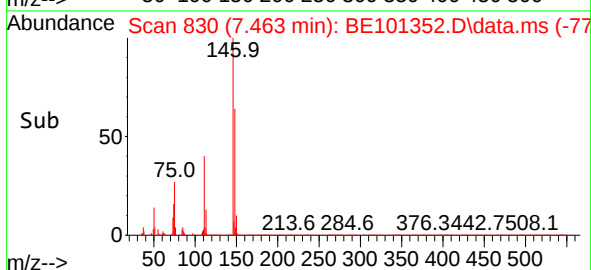
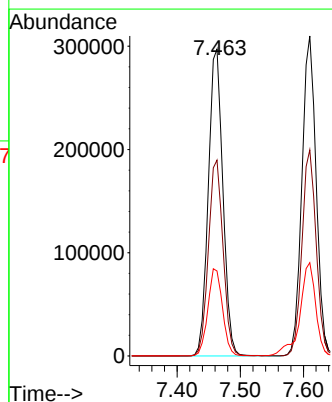
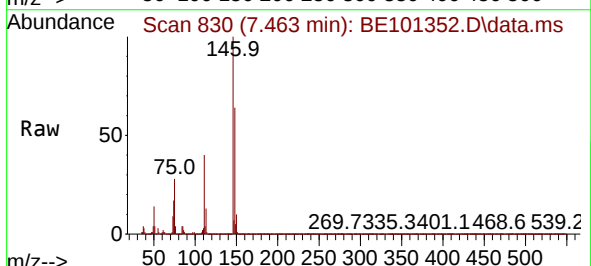
Reviewed By :Yogesh Patel 09/19/2024

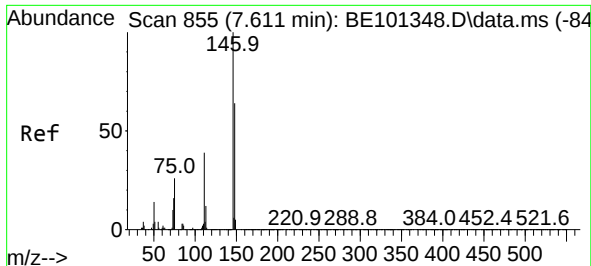
Supervised By :mohammad ahmed 09/19/2024



#12
1,3-Dichlorobenzene
Concen: 39.174 ng
RT: 7.463 min Scan# 830
Delta R.T. -0.001 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

Tgt Ion:146 Resp: 475663
Ion Ratio Lower Upper
146 100
148 63.8 50.8 76.2
75 27.7 22.1 33.1





#13

1,4-Dichlorobenzene

Concen: 39.159 ng

RT: 7.610 min Scan# 855

Delta R.T. -0.001 min

Lab File: BE101352.D

Acq: 17 Sep 2024 15:34

Instrument :

BNA_E

ClientSampleId :

ICVBE091724

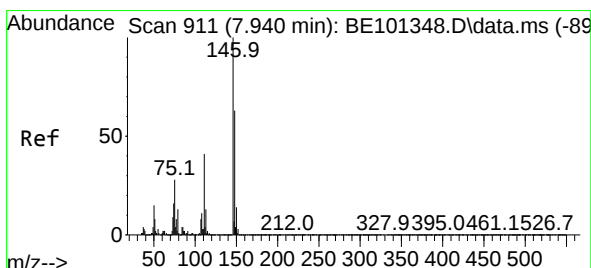
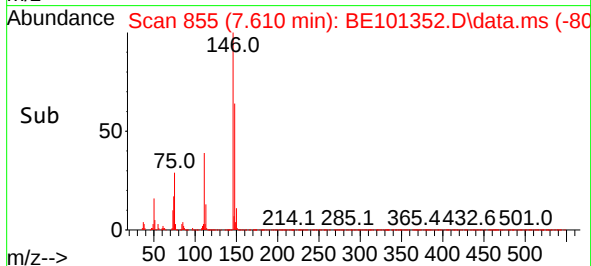
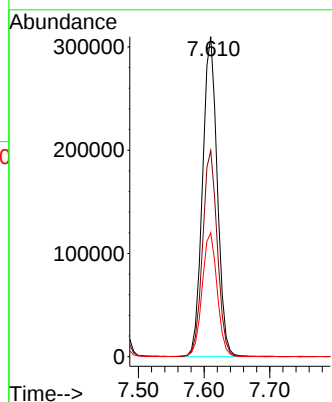
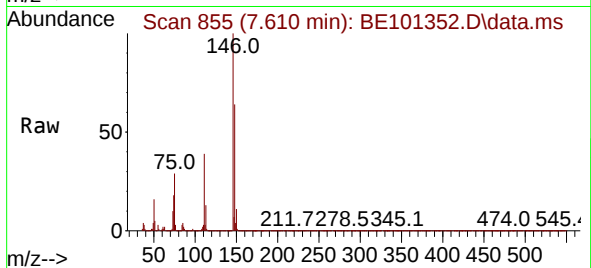
Tgt Ion:	146	Resp:	48445
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.1	76.7
111	38.7	31.1	46.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/19/2024



#14

1,2-Dichlorobenzene

Concen: 39.472 ng

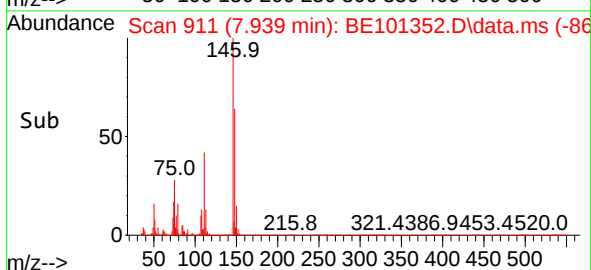
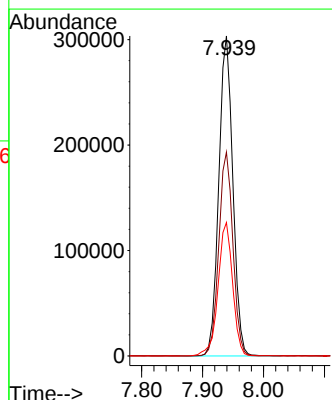
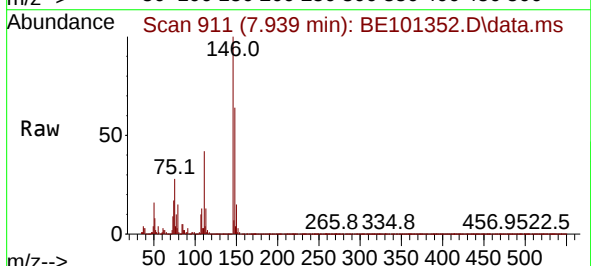
RT: 7.939 min Scan# 911

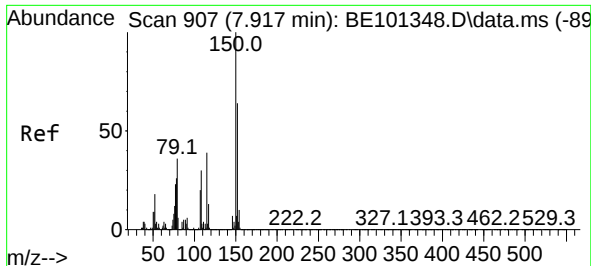
Delta R.T. -0.001 min

Lab File: BE101352.D

Acq: 17 Sep 2024 15:34

Tgt Ion:	146	Resp:	483886
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.4	75.6
111	41.7	32.6	48.8





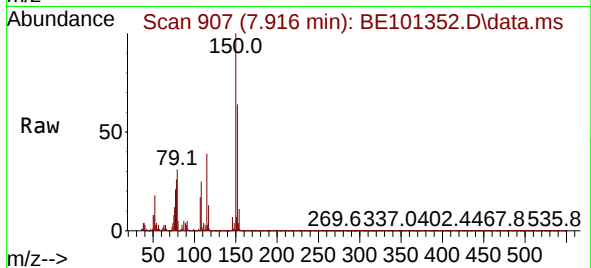
#15
Benzyl Alcohol
Concen: 42.944 ng
RT: 7.916 min Scan# 907
Delta R.T. -0.001 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

Instrument :

BNA_E

ClientSampleId :

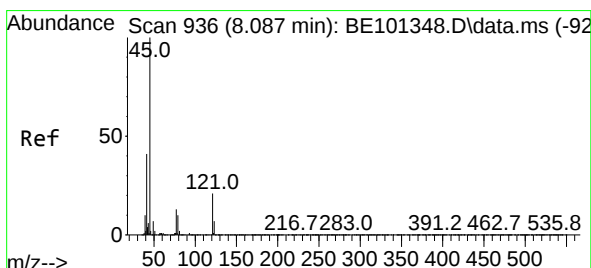
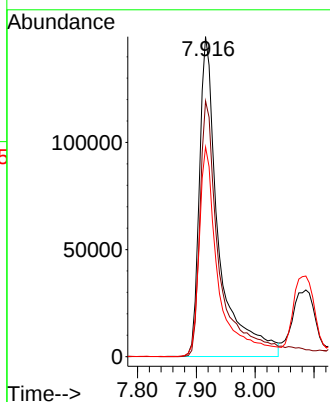
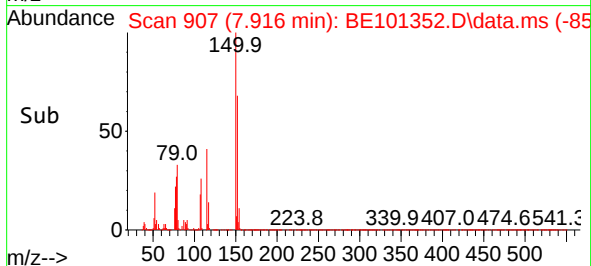
ICVBE091724



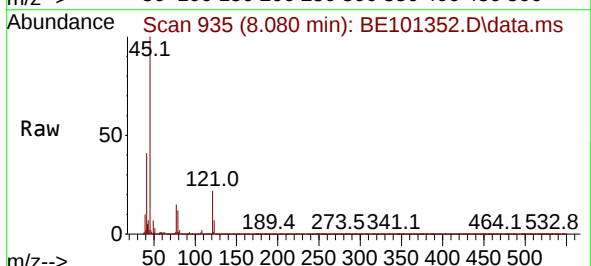
Tgt Ion: 79 Resp: 34082
Ion Ratio Lower Upper
79 100
108 79.9 66.0 99.0
77 65.5 51.0 76.6

Manual Integrations
APPROVED

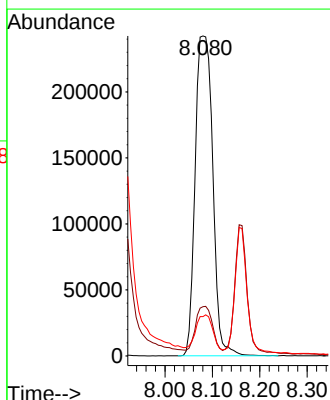
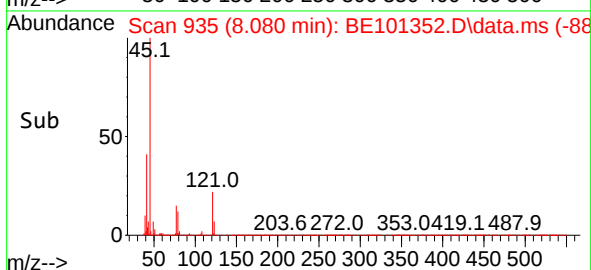
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/19/2024

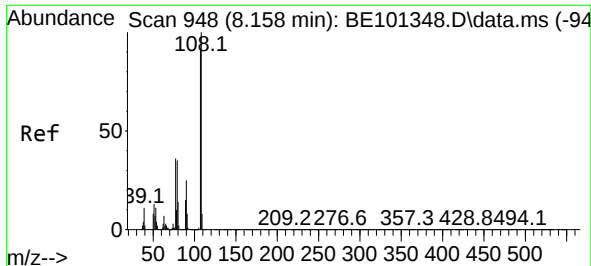


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.887 ng
RT: 8.080 min Scan# 935
Delta R.T. -0.007 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34



Tgt Ion: 45 Resp: 623309
Ion Ratio Lower Upper
45 100
77 15.4 0.0 34.3
79 12.3 0.0 31.6





#17
2-Methylphenol
Concen: 41.768 ng
RT: 8.162 min Scan# 948
Delta R.T. 0.005 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

Instrument :

BNA_E

ClientSampleId :

ICVBE091724

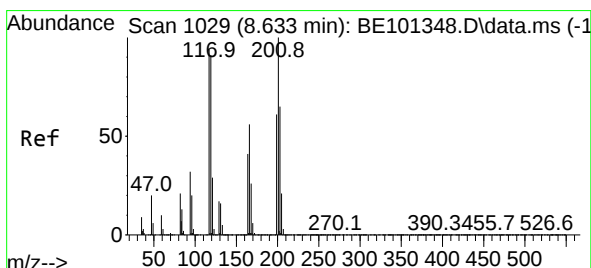
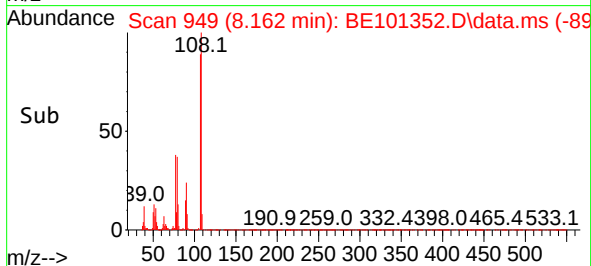
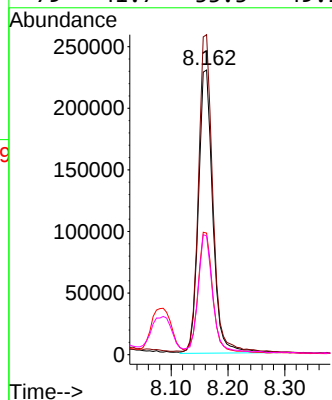
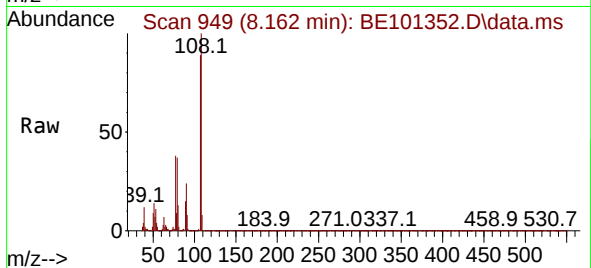
Tgt Ion:107 Resp: 405450
Ion Ratio Lower Upper
107 100
108 112.4 88.2 132.2
77 42.7 34.9 52.3
79 41.7 33.3 49.9

Manual Integrations

APPROVED

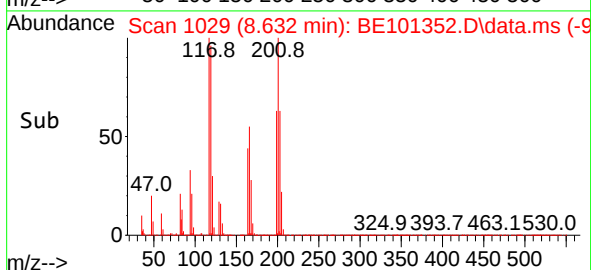
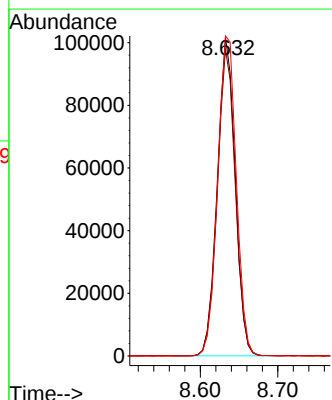
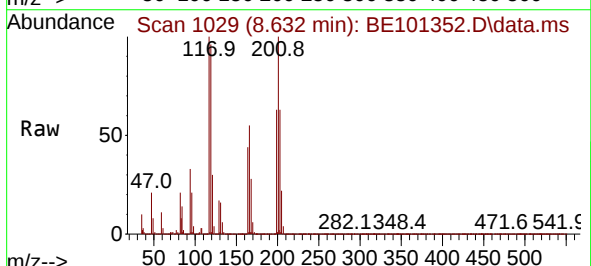
Reviewed By :Yogesh Patel 09/19/2024

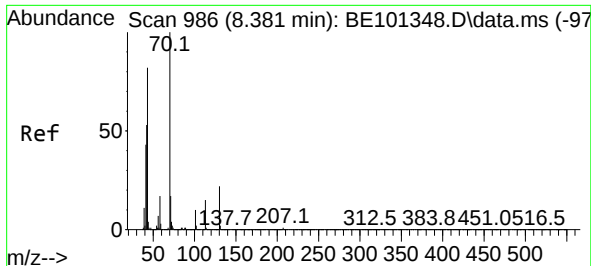
Supervised By :mohammad ahmed 09/19/2024



#18
Hexachloroethane
Concen: 40.512 ng
RT: 8.632 min Scan# 1029
Delta R.T. -0.001 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

Tgt Ion:117 Resp: 163909
Ion Ratio Lower Upper
117 100
119 96.2 77.4 116.2
201 100.4 84.8 127.2





#19

n-Nitroso-di-n-propylamine

Concen: 43.121 ng

RT: 8.380 min Scan# 986

Delta R.T. -0.001 min

Lab File: BE101352.D

Acq: 17 Sep 2024 15:34

Instrument :

BNA_E

ClientSampleId :

ICVBE091724

Tgt Ion: 70 Resp: 40564

Ion Ratio Lower Upper

70 100

42 54.8 42.5 63.7

101 9.6 7.8 11.6

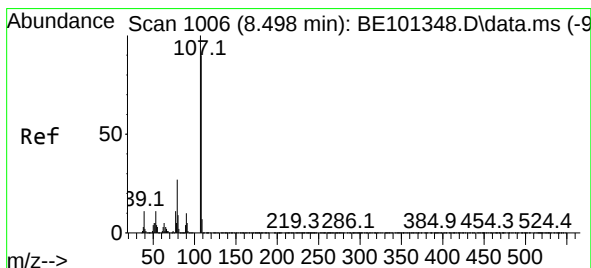
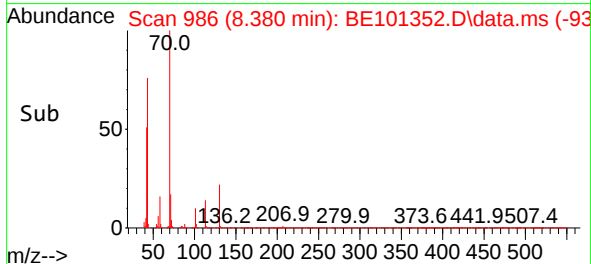
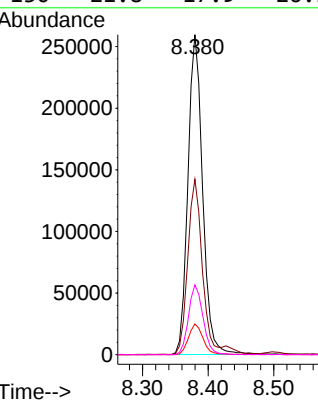
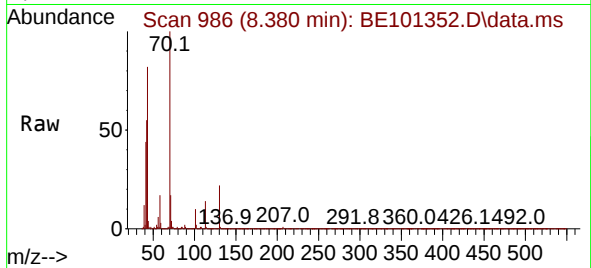
130 21.8 17.9 26.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/19/2024



#20

3+4-Methylphenols

Concen: 42.604 ng

RT: 8.497 min Scan# 1006

Delta R.T. -0.001 min

Lab File: BE101352.D

Acq: 17 Sep 2024 15:34

Tgt Ion:107 Resp: 581942

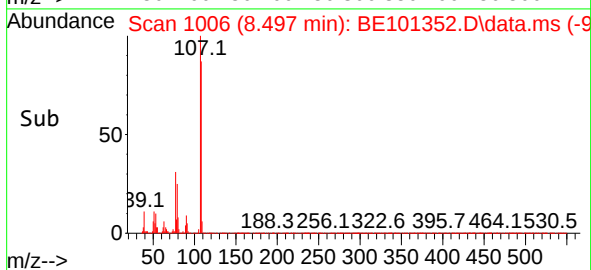
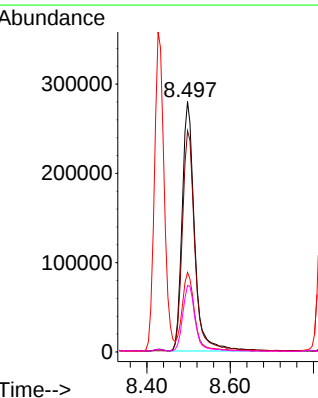
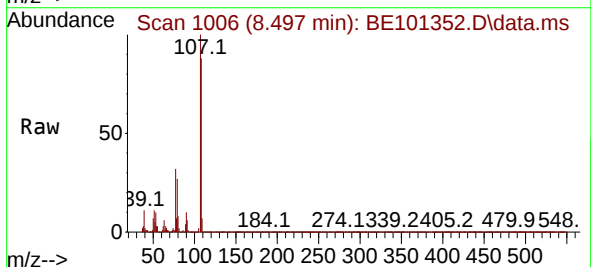
Ion Ratio Lower Upper

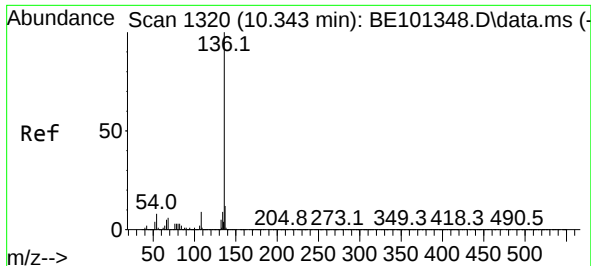
107 100

108 88.3 70.4 110.4

77 31.7 12.5 52.5

79 26.6 7.3 47.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.342 min Scan# 1320
Delta R.T. -0.001 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

Instrument :

BNA_E

ClientSampleId :

ICVBE091724

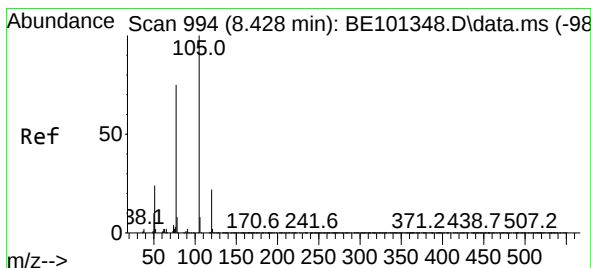
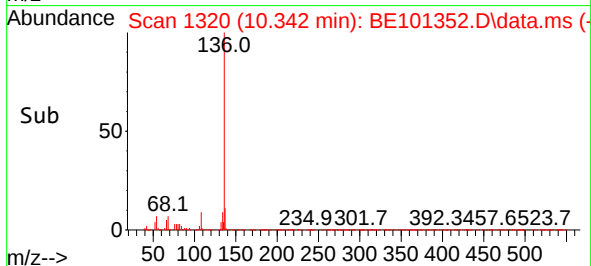
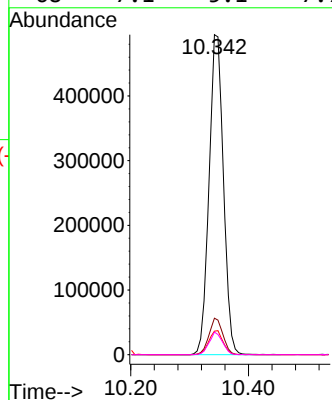
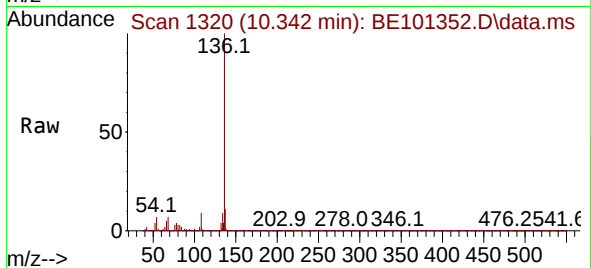
Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	7.4	6.1	9.1
68	7.1	5.1	7.7

Manual Integrations

APPROVED

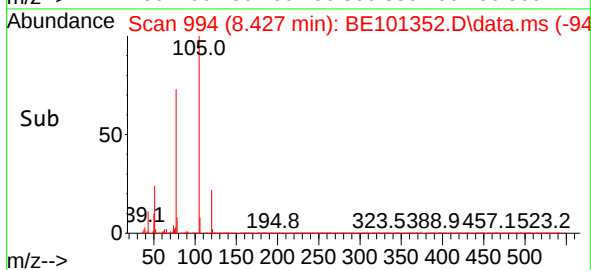
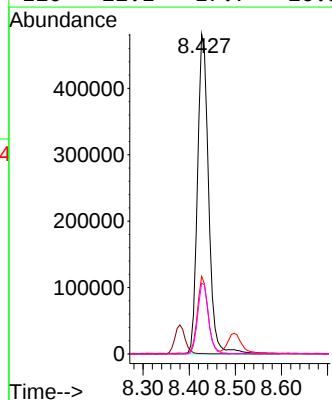
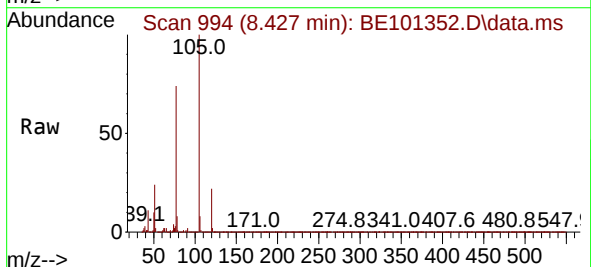
Reviewed By :Yogesh Patel 09/19/2024

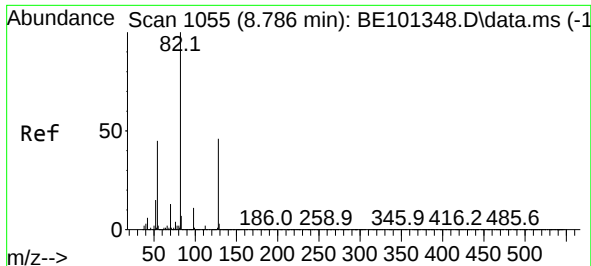
Supervised By :mohammad ahmed 09/19/2024



#22
Acetophenone
Concen: 41.315 ng
RT: 8.427 min Scan# 994
Delta R.T. -0.001 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.1	0.1	0.1
51	24.3	19.0	28.4
120	22.1	17.7	26.5





#23
Nitrobenzene-d5
Concen: 84.464 ng
RT: 8.791 min Scan# 1055
Delta R.T. 0.005 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

Instrument :

BNA_E

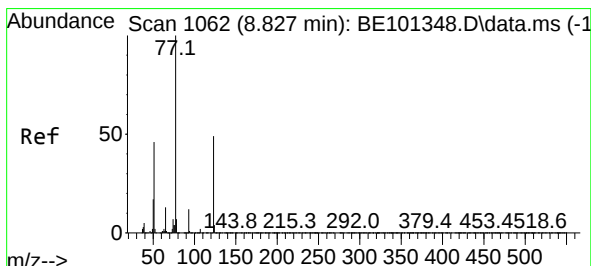
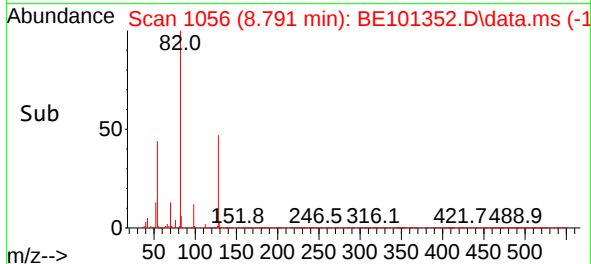
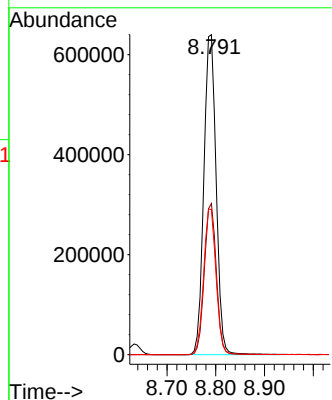
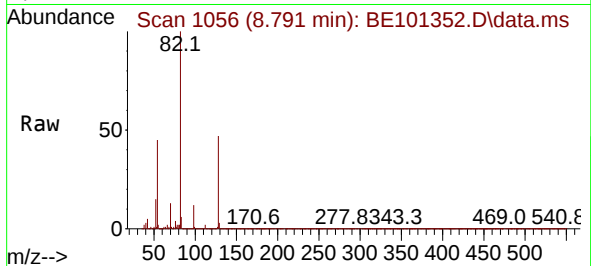
ClientSampleId :

ICVBE091724

Tgt Ion: 82 Resp: 111979
Ion Ratio Lower Upper
82 100
128 47.3 36.8 55.2
54 45.3 36.2 54.4

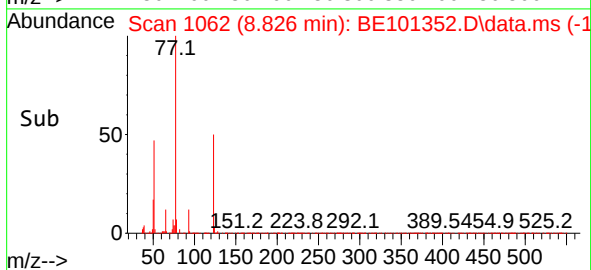
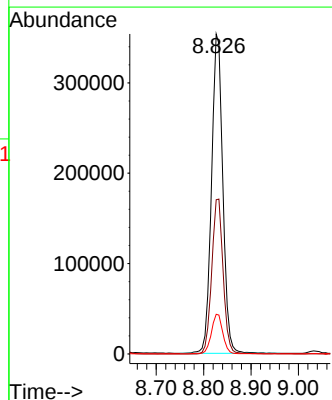
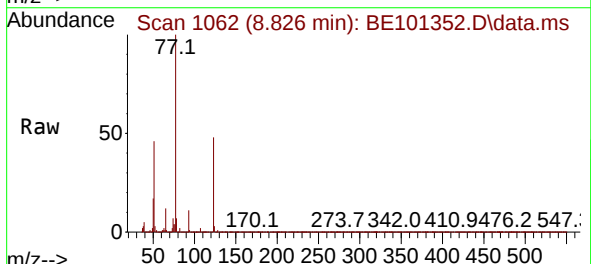
Manual Integrations
APPROVED

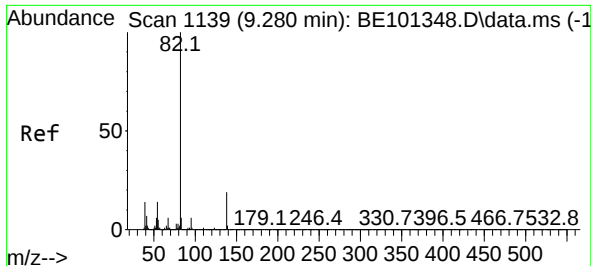
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/19/2024



#24
Nitrobenzene
Concen: 41.435 ng
RT: 8.826 min Scan# 1062
Delta R.T. -0.001 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

Tgt Ion: 77 Resp: 586473
Ion Ratio Lower Upper
77 100
123 48.2 39.0 58.4
65 12.4 10.2 15.4





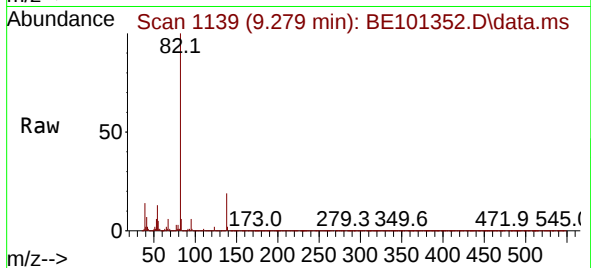
#25
Isophorone
Concen: 41.688 ng
RT: 9.279 min Scan# 1139
Delta R.T. -0.001 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

Instrument :

BNA_E

ClientSampleId :

ICVBE091724



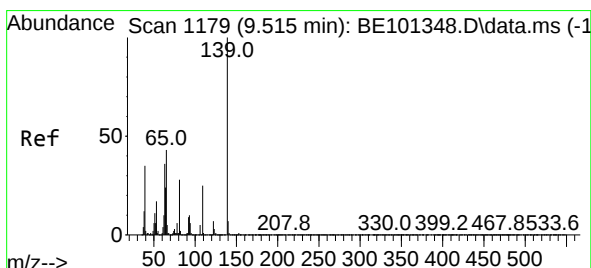
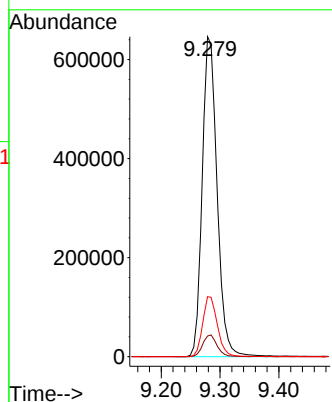
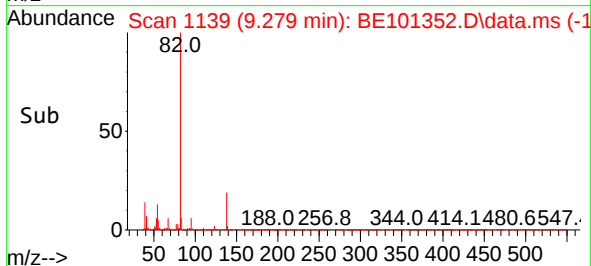
Tgt Ion: 82 Resp: 113143
Ion Ratio Lower Upper
82 100
95 6.5 5.2 7.8
138 18.8 15.0 22.6

Manual Integrations

APPROVED

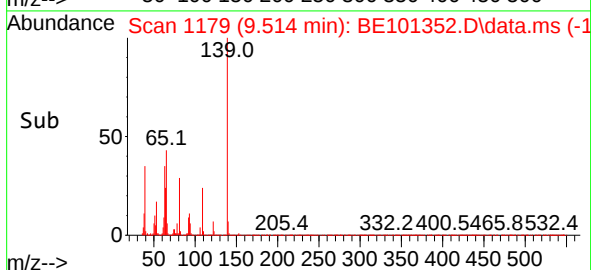
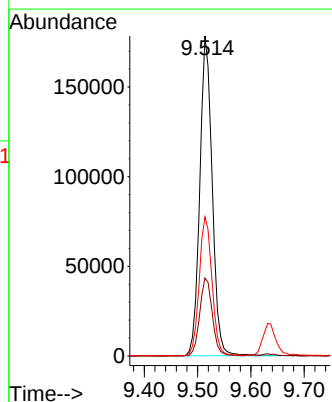
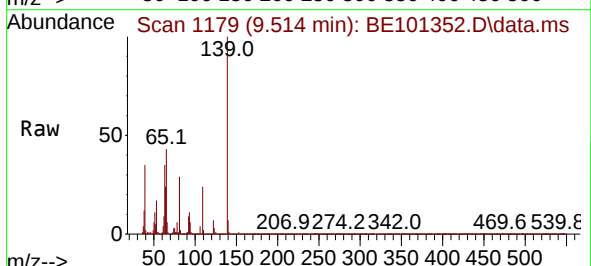
Reviewed By :Yogesh Patel 09/19/2024

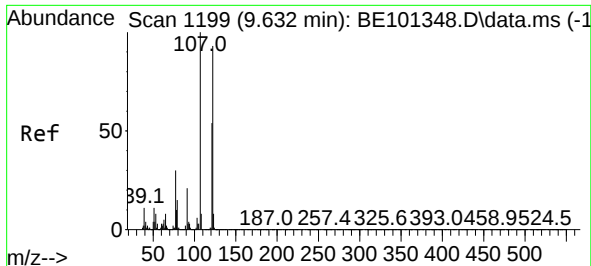
Supervised By :mohammad ahmed 09/19/2024



#26
2-Nitrophenol
Concen: 43.255 ng
RT: 9.514 min Scan# 1179
Delta R.T. -0.001 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

Tgt Ion:139 Resp: 288947
Ion Ratio Lower Upper
139 100
109 24.4 19.8 29.6
65 43.4 34.6 52.0





#27

2,4-Dimethylphenol

Concen: 41.352 ng

RT: 9.631 min Scan# 1199

Delta R.T. -0.001 min

Lab File: BE101352.D

Acq: 17 Sep 2024 15:34

Instrument :

BNA_E

ClientSampleId :

ICVBE091724

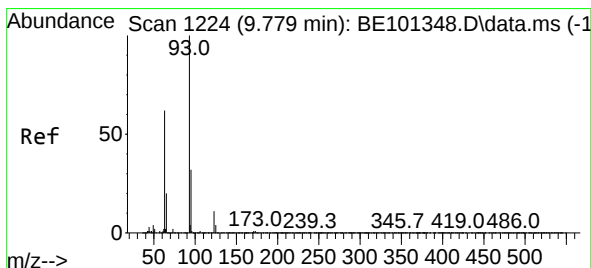
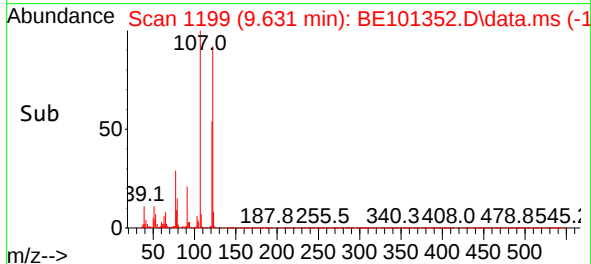
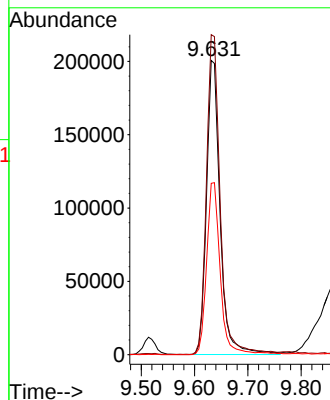
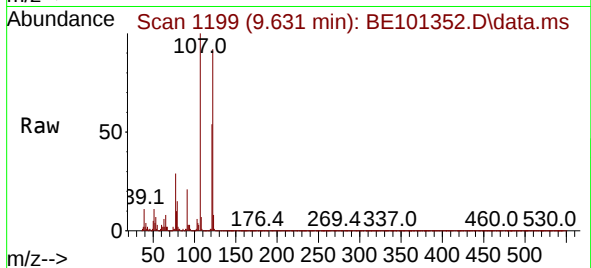
Tgt Ion:	122	Resp:	354624
Ion	Ratio	Lower	Upper
122	100		
107	108.8	86.4	129.6
121	58.2	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/19/2024



#28

bis(2-Chloroethoxy)methane

Concen: 41.058 ng

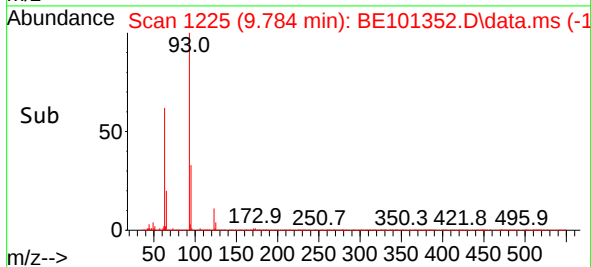
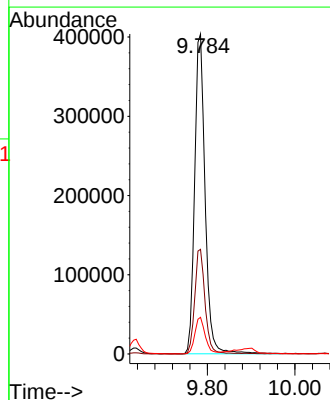
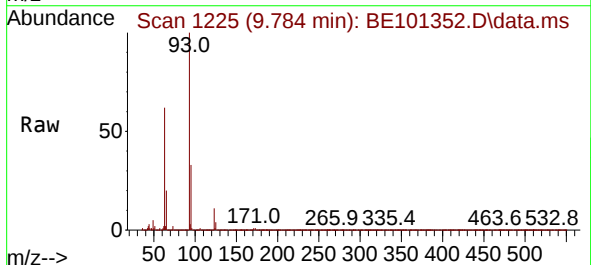
RT: 9.784 min Scan# 1225

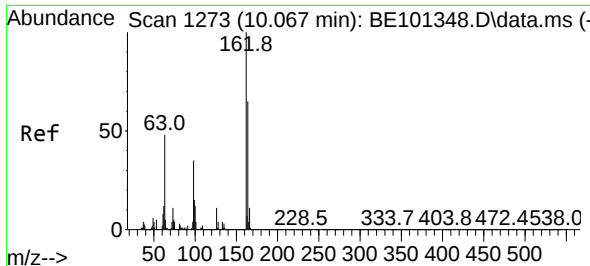
Delta R.T. 0.005 min

Lab File: BE101352.D

Acq: 17 Sep 2024 15:34

Tgt Ion:	93	Resp:	674040
Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.0	39.0
123	11.4	9.0	13.4





#29
2,4-Dichlorophenol
Concen: 42.008 ng
RT: 10.066 min Scan# 1273
Delta R.T. -0.001 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

Instrument :

BNA_E

ClientSampleId :

ICVBE091724

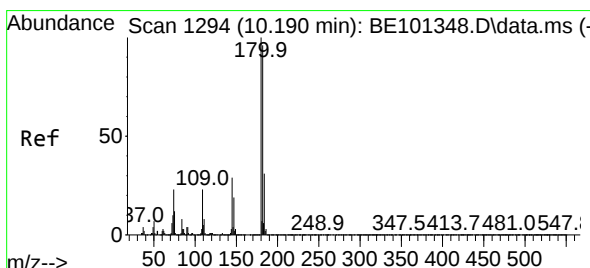
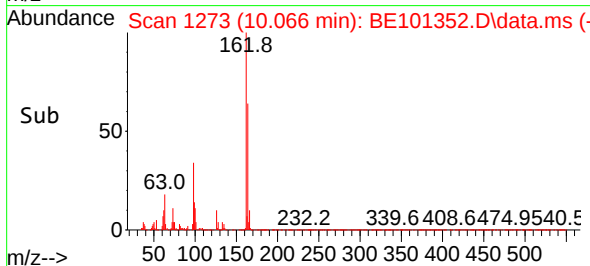
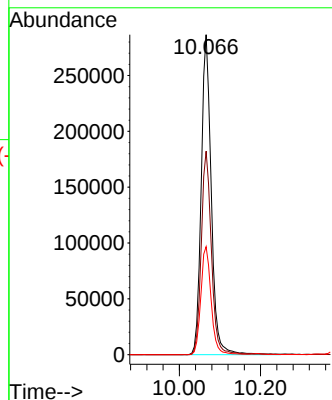
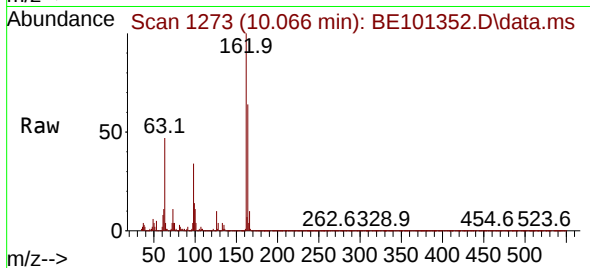
Tgt Ion:162 Resp: 493329
Ion Ratio Lower Upper
162 100
164 63.6 44.6 84.6
98 33.7 14.7 54.7

Manual Integrations

APPROVED

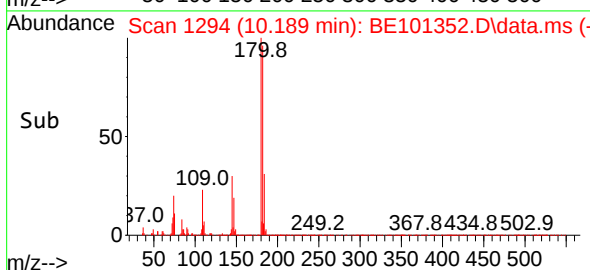
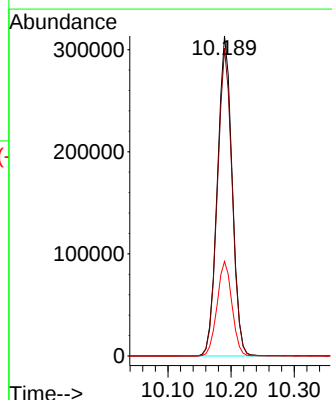
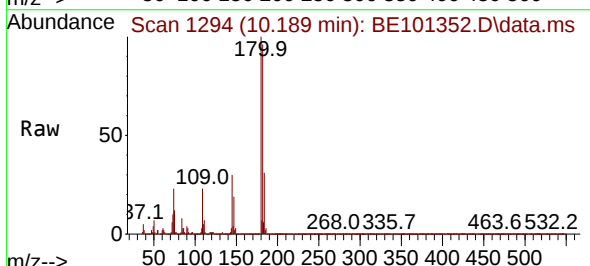
Reviewed By :Yogesh Patel 09/19/2024

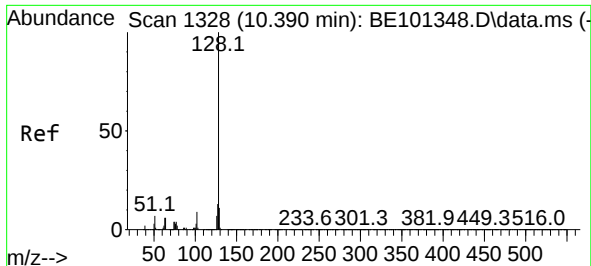
Supervised By :mohammad ahmed 09/19/2024



#30
1,2,4-Trichlorobenzene
Concen: 39.985 ng
RT: 10.189 min Scan# 1294
Delta R.T. -0.001 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

Tgt Ion:180 Resp: 507503
Ion Ratio Lower Upper
180 100
182 96.1 76.6 114.8
145 29.6 23.5 35.3





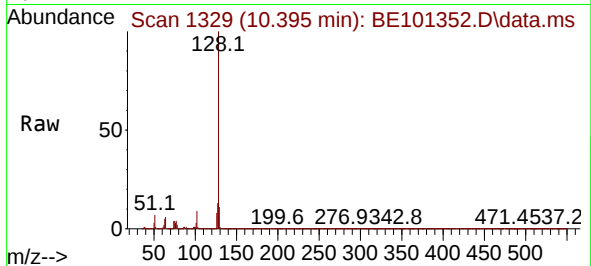
#31
Naphthalene
Concen: 40.065 ng
RT: 10.395 min Scan# 1328
Delta R.T. 0.005 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

Instrument :

BNA_E

ClientSampleId :

ICVBE091724



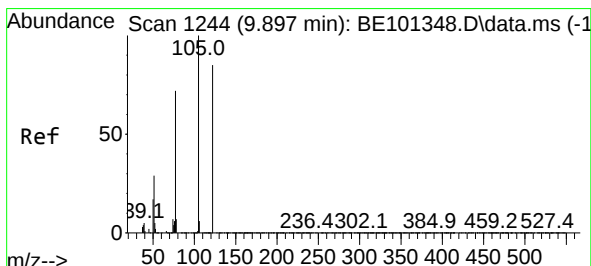
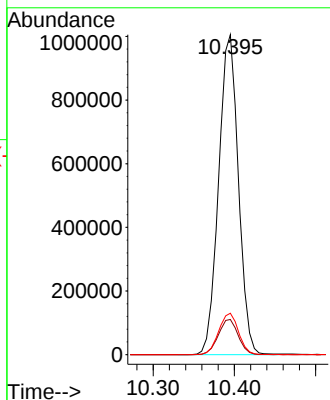
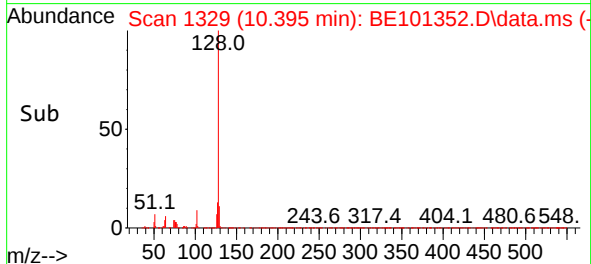
Tgt Ion:128 Resp: 1699169
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.0 10.3 15.5

Manual Integrations

APPROVED

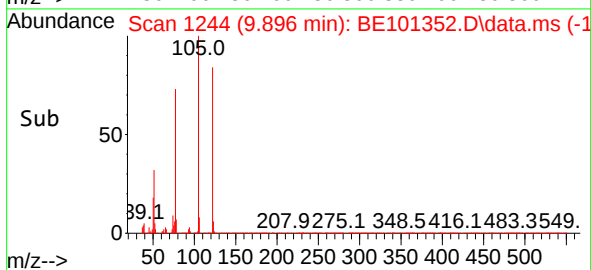
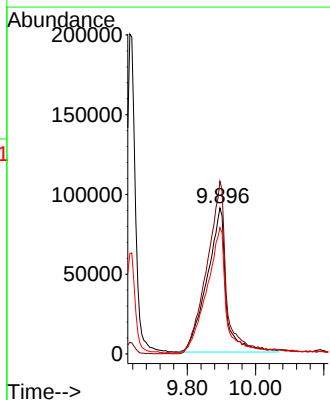
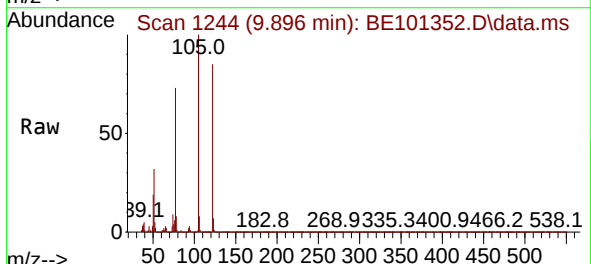
Reviewed By :Yogesh Patel 09/19/2024

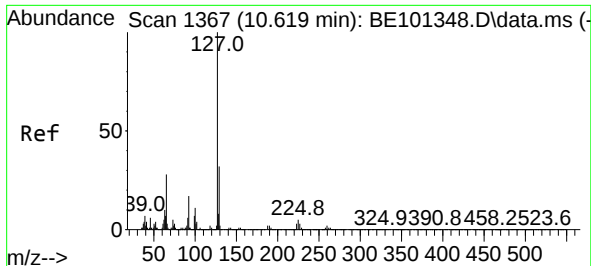
Supervised By :mohammad ahmed 09/19/2024



#32
Benzoic acid
Concen: 40.056 ng
RT: 9.896 min Scan# 1244
Delta R.T. -0.001 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

Tgt Ion:122 Resp: 353062
Ion Ratio Lower Upper
122 100
105 118.3 96.7 136.7
77 86.6 64.8 104.8





#33
4-Chloroaniline
Concen: 42.839 ng
RT: 10.624 min Scan# 1367
Delta R.T. 0.005 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

Instrument :

BNA_E

ClientSampleId :

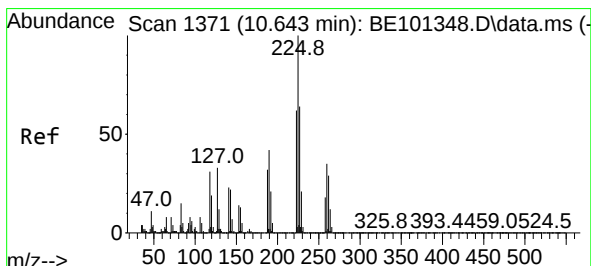
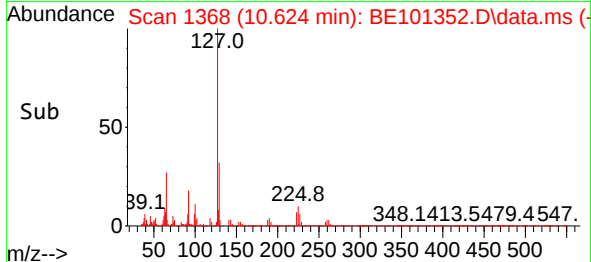
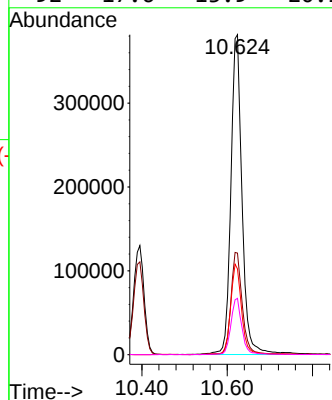
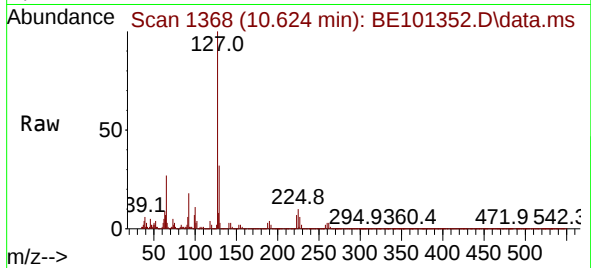
ICVBE091724

Tgt Ion:127 Resp: 695070
Ion Ratio Lower Upper
127 100
129 31.8 25.8 38.8
65 26.8 22.5 33.7
92 17.6 13.9 20.9

Manual Integrations

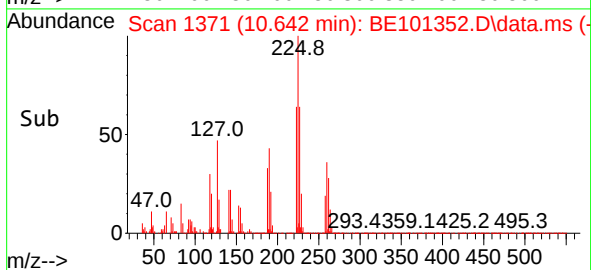
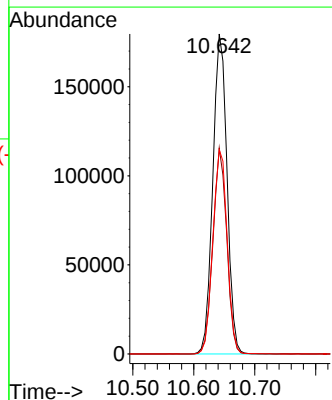
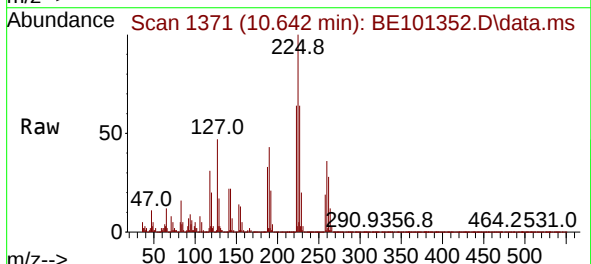
APPROVED

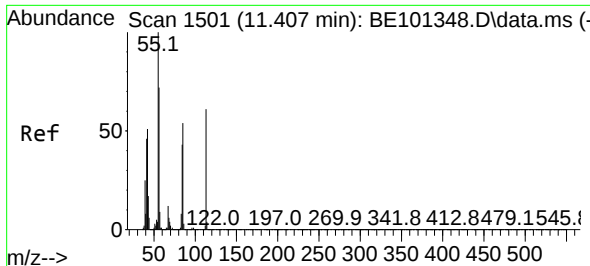
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/19/2024



#34
Hexachlorobutadiene
Concen: 39.457 ng
RT: 10.642 min Scan# 1371
Delta R.T. -0.001 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

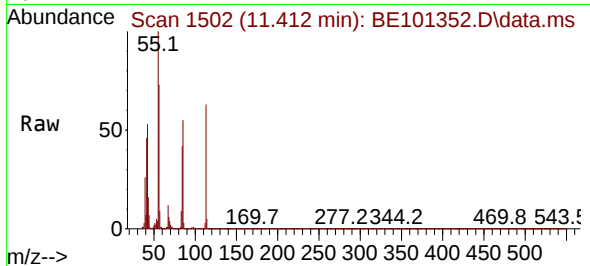
Tgt Ion:225 Resp: 290952
Ion Ratio Lower Upper
225 100
223 64.3 49.8 74.8
227 63.9 51.3 76.9





#35
Caprolactam
Concen: 44.246 ng/ml
RT: 11.412 min Scan# 1501
Delta R.T. 0.005 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

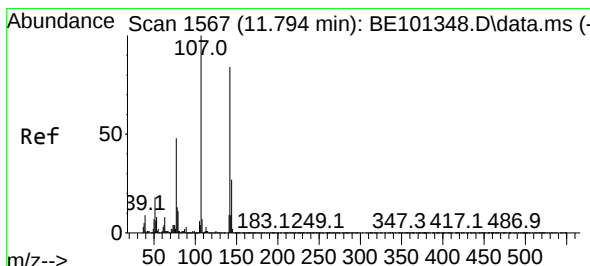
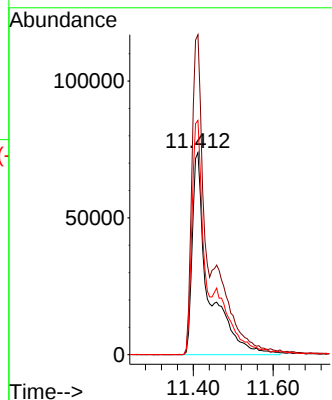
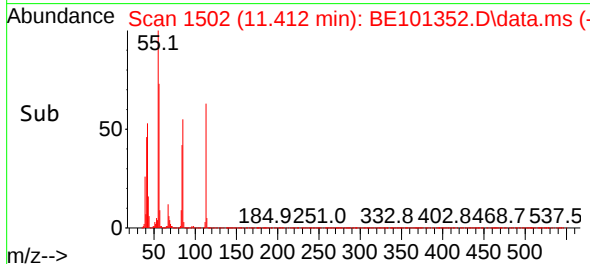
Instrument :
BNA_E
ClientSampleId :
ICVBE091724



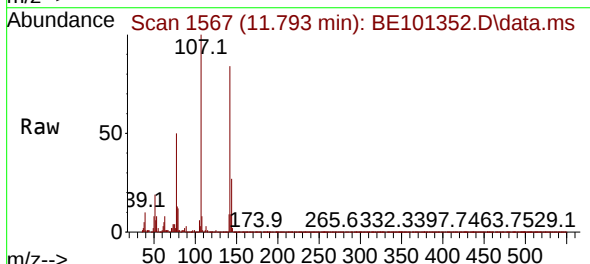
Tgt Ion:113 Resp: 209910
Ion Ratio Lower Upper
113 100
55 158.3 144.8 184.8
56 115.9 99.3 139.3

Manual Integrations
APPROVED

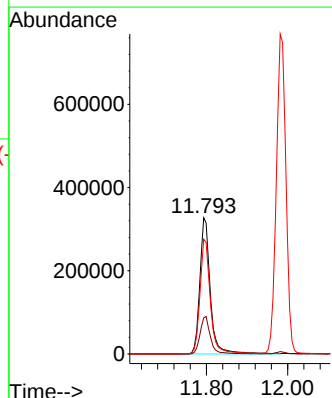
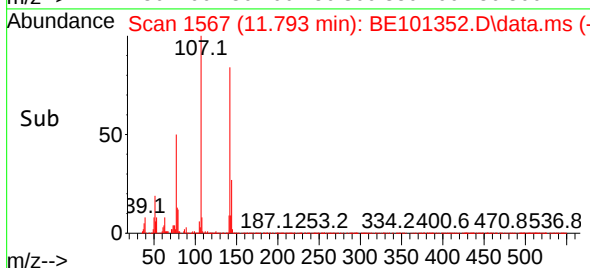
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/19/2024

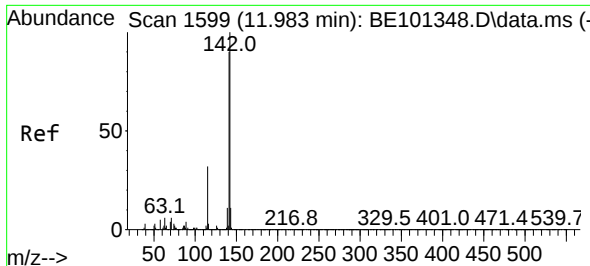


#36
4-Chloro-3-methylphenol
Concen: 42.369 ng/ml
RT: 11.793 min Scan# 1567
Delta R.T. -0.001 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34



Tgt Ion:107 Resp: 587939
Ion Ratio Lower Upper
107 100
144 26.6 21.9 32.9
142 84.3 67.4 101.2





#37
2-Methylnaphthalene
Concen: 40.630 ng
RT: 11.981 min Scan# 1599
Delta R.T. -0.001 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

Instrument :

BNA_E

ClientSampleId :

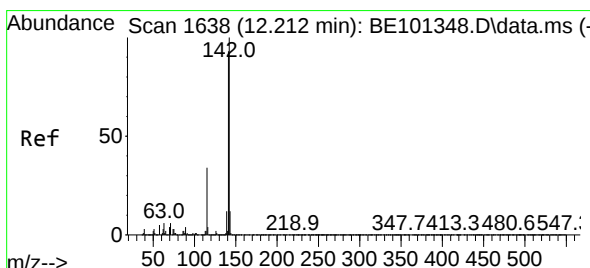
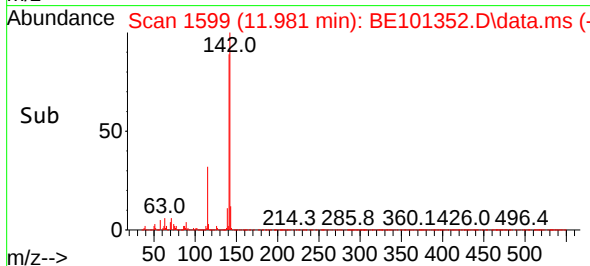
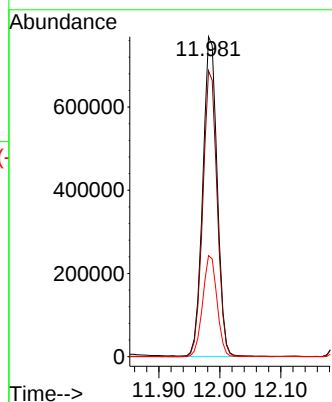
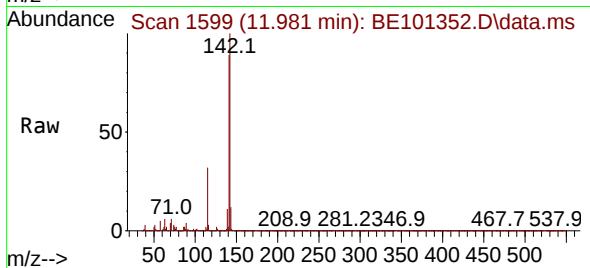
ICVBE091724

Tgt Ion:142 Resp: 126018
Ion Ratio Lower Upper
142 100
141 89.3 71.8 107.6
115 31.6 25.6 38.4

Manual Integrations

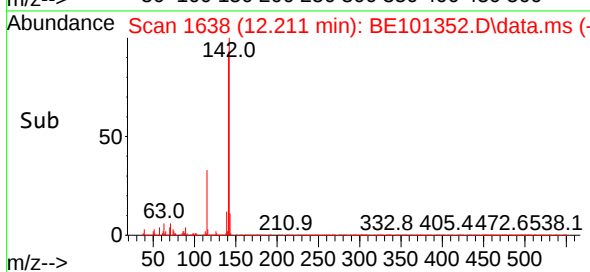
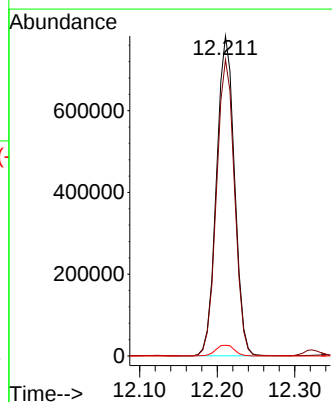
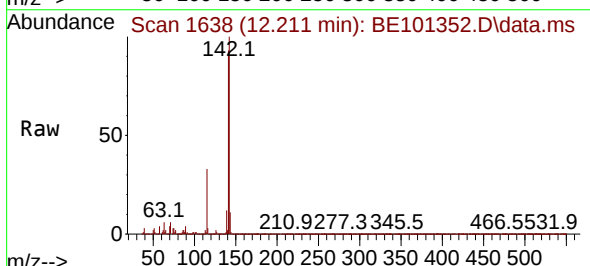
APPROVED

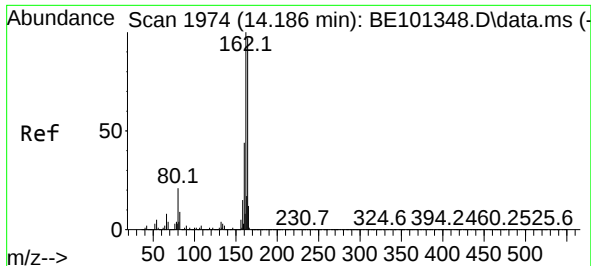
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/19/2024



#38
1-Methylnaphthalene
Concen: 40.543 ng
RT: 12.211 min Scan# 1638
Delta R.T. -0.001 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

Tgt Ion:142 Resp: 1261578
Ion Ratio Lower Upper
142 100
141 92.6 74.3 111.5
116 3.3 2.9 4.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.185 min Scan# 1974
Delta R.T. -0.001 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

Instrument :

BNA_E

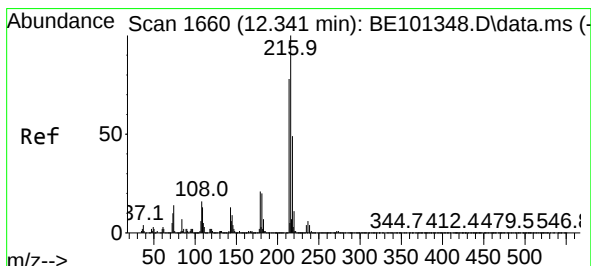
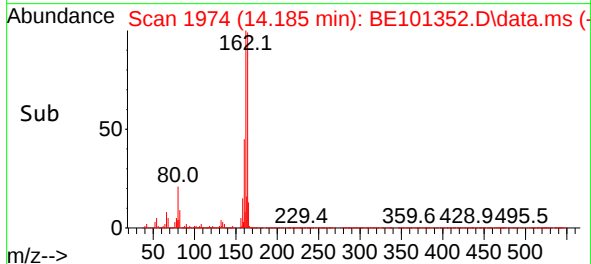
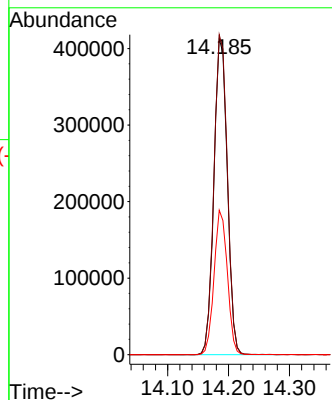
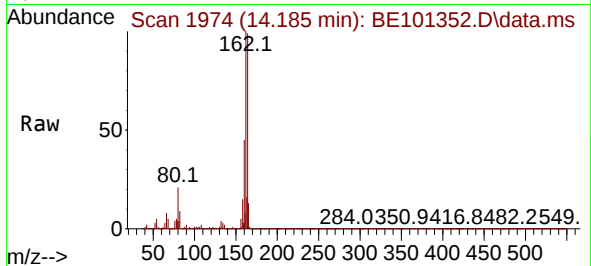
ClientSampleId :

ICVBE091724

Tgt Ion:164 Resp: 630278
Ion Ratio Lower Upper
164 100
162 101.2 82.6 123.8
160 45.7 36.1 54.1

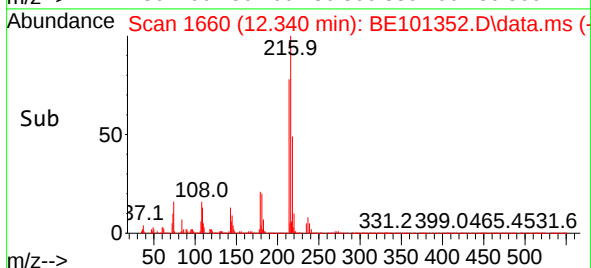
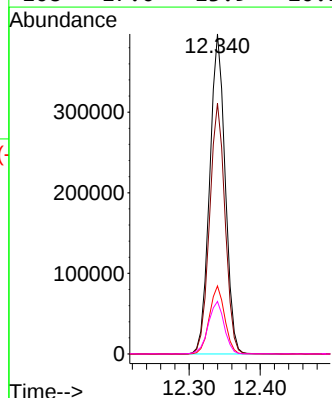
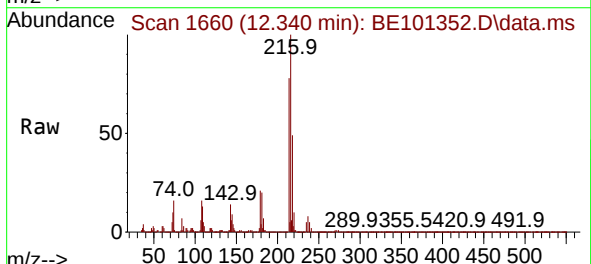
Manual Integrations
APPROVED

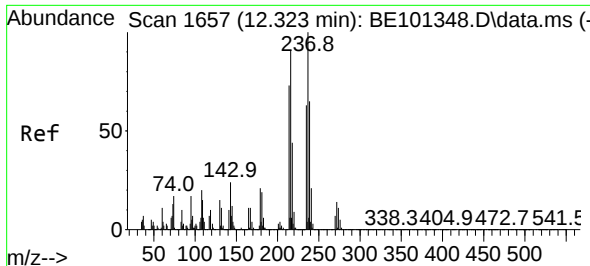
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/19/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.565 ng
RT: 12.340 min Scan# 1660
Delta R.T. -0.001 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

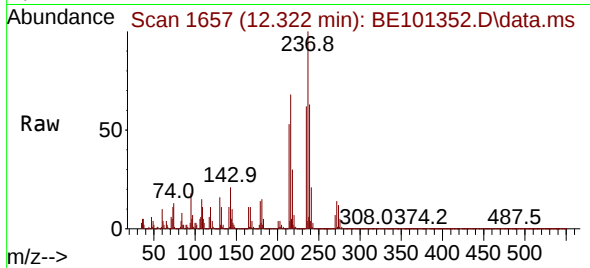
Tgt Ion:216 Resp: 600716
Ion Ratio Lower Upper
216 100
214 78.3 62.6 94.0
179 20.9 16.9 25.3
108 17.0 13.9 20.9





#41
Hexachlorocyclopentadiene
Concen: 39.137 ng
RT: 12.322 min Scan# 1
Delta R.T. -0.001 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

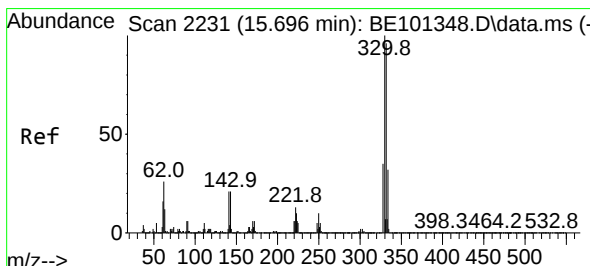
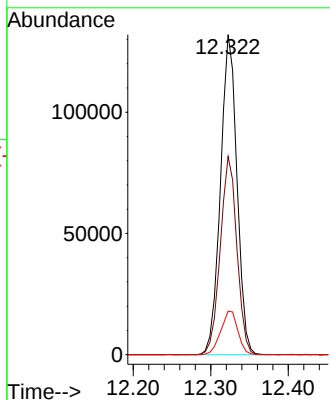
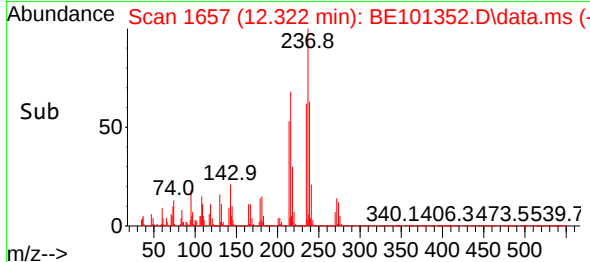
Instrument :
BNA_E
ClientSampleId :
ICVBE091724



Tgt Ion: 237 Resp: 195244
Ion Ratio Lower Upper
237 100
235 62.0 42.9 82.9
272 13.6 0.0 34.0

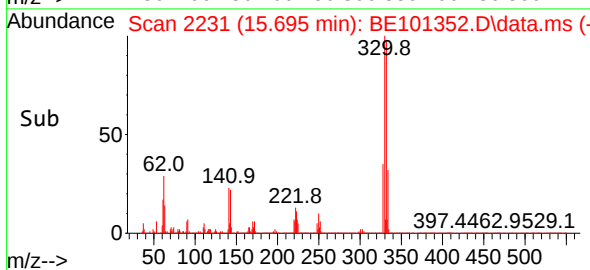
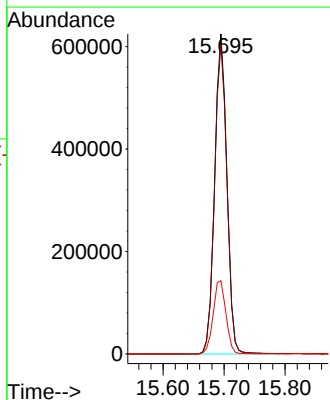
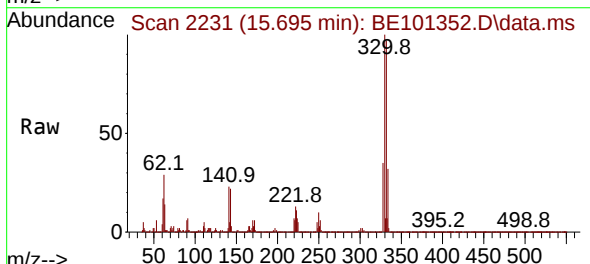
Manual Integrations
APPROVED

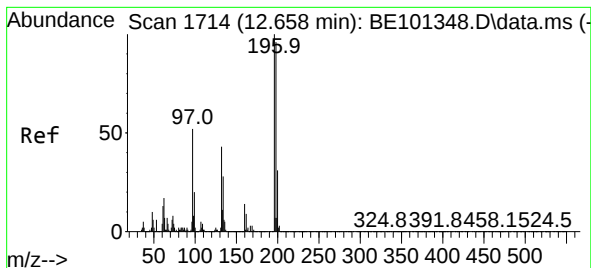
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/19/2024



#42
2,4,6-Tribromophenol
Concen: 82.047 ng
RT: 15.695 min Scan# 2231
Delta R.T. -0.001 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

Tgt Ion: 330 Resp: 869781
Ion Ratio Lower Upper
330 100
332 97.8 77.8 116.8
141 24.0 19.1 28.7





#43

2,4,6-Trichlorophenol

Concen: 41.523 ng

RT: 12.657 min Scan# 1714

Delta R.T. -0.001 min

Lab File: BE101352.D

Acq: 17 Sep 2024 15:34

Instrument :

BNA_E

ClientSampleId :

ICVBE091724

Tgt Ion:196 Resp: 446480

Ion Ratio Lower Upper

196 100

198 92.9 76.8 115.2

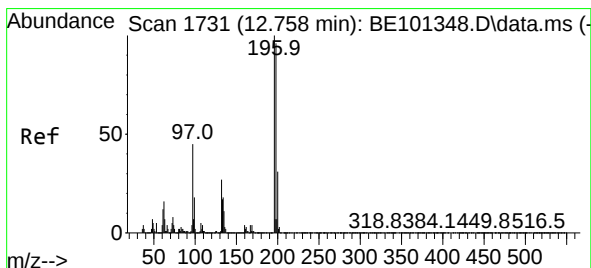
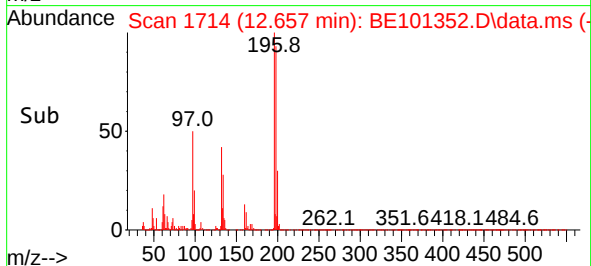
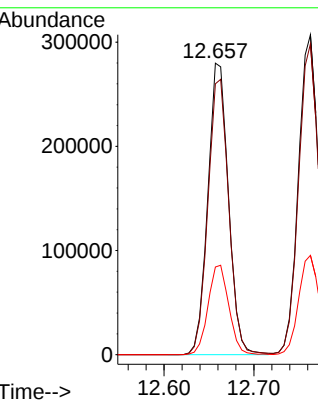
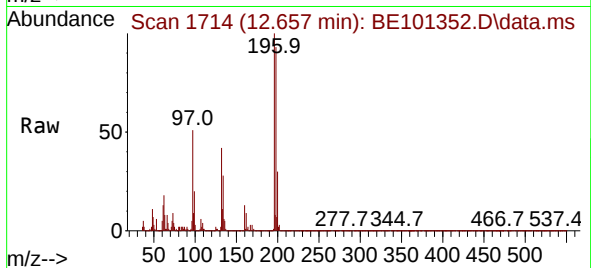
200 30.1 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/19/2024



#44

2,4,5-Trichlorophenol

Concen: 41.331 ng

RT: 12.763 min Scan# 1732

Delta R.T. 0.005 min

Lab File: BE101352.D

Acq: 17 Sep 2024 15:34

Tgt Ion:196 Resp: 501436

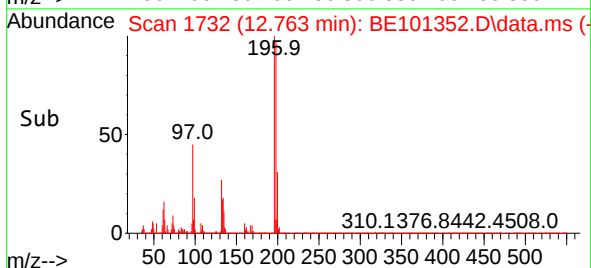
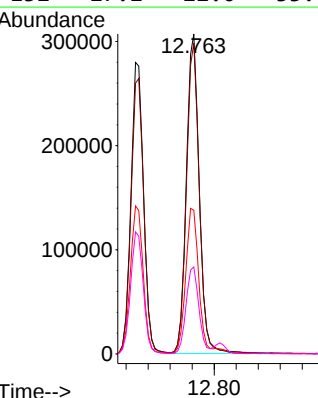
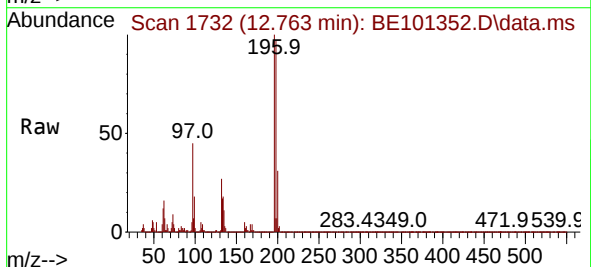
Ion Ratio Lower Upper

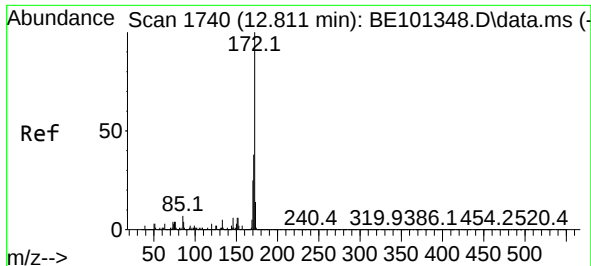
196 100

198 97.2 76.9 115.3

97 44.9 36.2 54.2

132 27.2 22.0 33.0





#45
2-Fluorobiphenyl
Concen: 79.686 ng
RT: 12.810 min Scan# 1740
Delta R.T. -0.001 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

Instrument :

BNA_E

ClientSampleId :

ICVBE091724

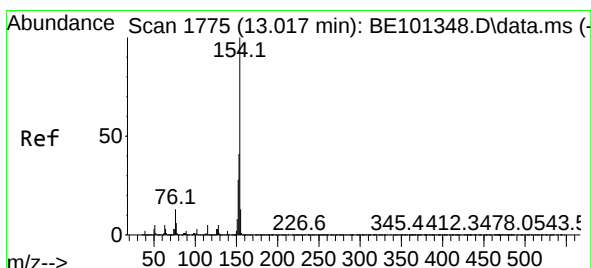
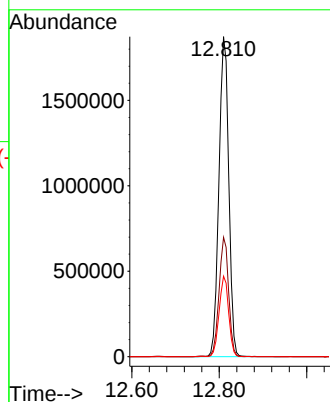
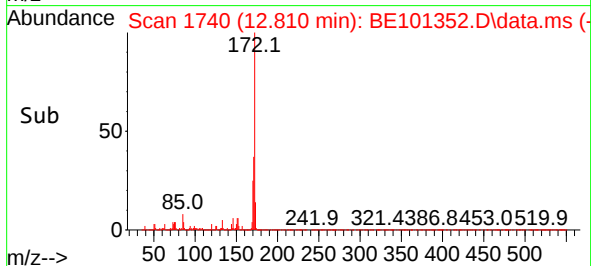
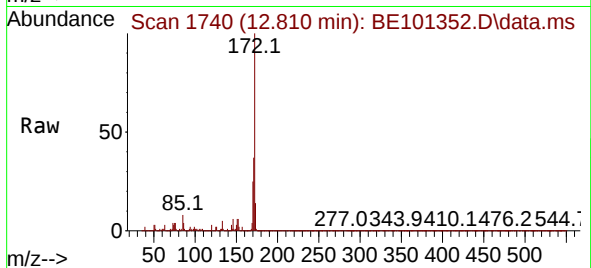
Tgt Ion:172 Resp: 2906390
Ion Ratio Lower Upper
172 100
171 37.3 30.2 45.2
170 25.1 20.2 30.4

Manual Integrations

APPROVED

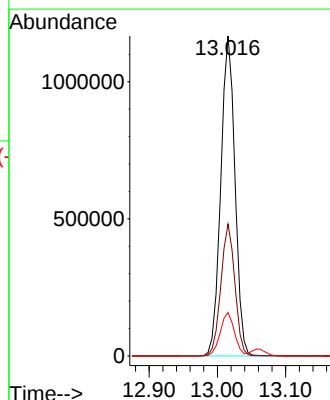
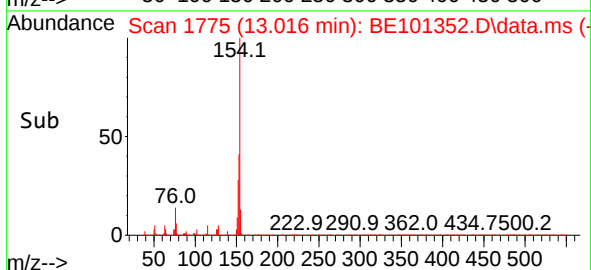
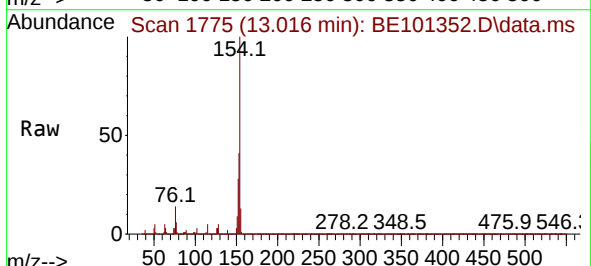
Reviewed By :Yogesh Patel 09/19/2024

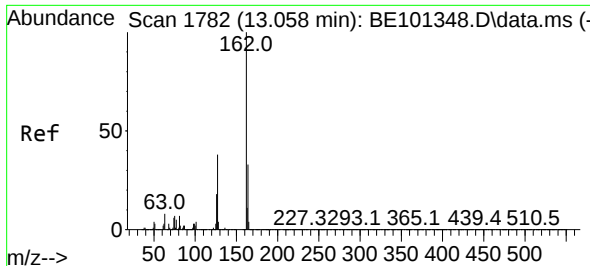
Supervised By :mohammad ahmed 09/19/2024



#46
1,1'-Biphenyl
Concen: 39.570 ng
RT: 13.016 min Scan# 1775
Delta R.T. -0.001 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

Tgt Ion:154 Resp: 1690069
Ion Ratio Lower Upper
154 100
153 41.2 21.2 61.2
76 13.6 0.0 33.4





#47
2-Chloronaphthalene
Concen: 39.751 ng
RT: 13.063 min Scan# 1782
Delta R.T. 0.005 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

Instrument :

BNA_E

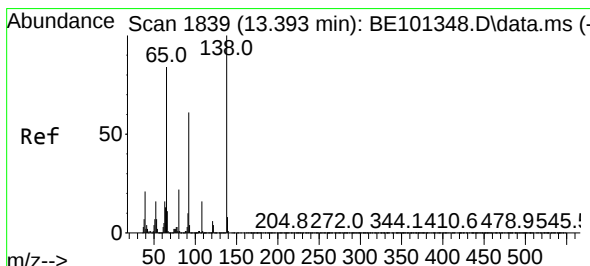
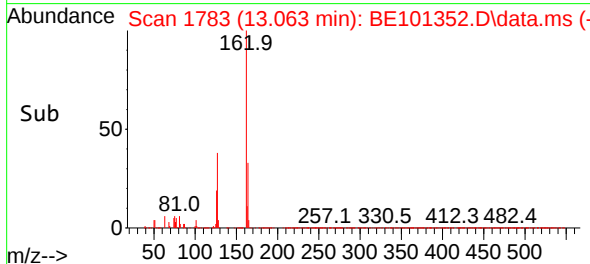
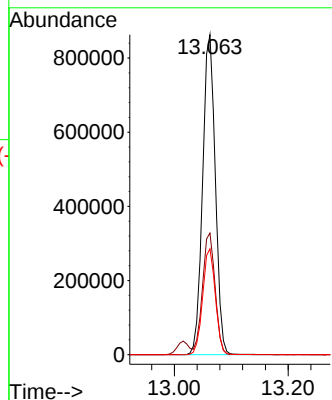
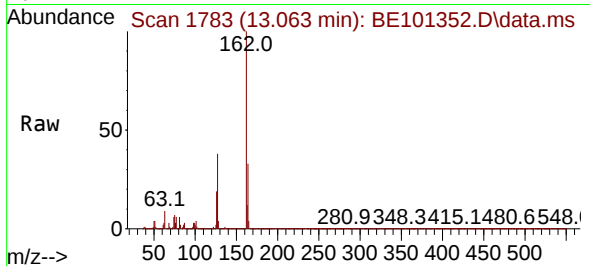
ClientSampleId :

ICVBE091724

Tgt Ion:162 Resp: 133555
Ion Ratio Lower Upper
162 100
127 38.0 31.2 46.8
164 33.1 26.2 39.2

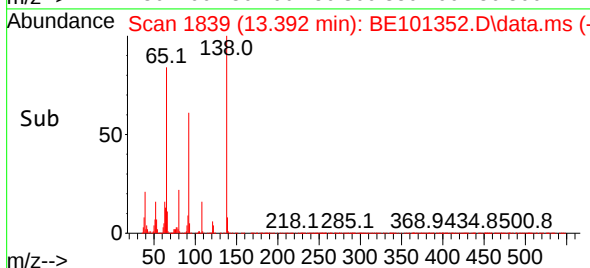
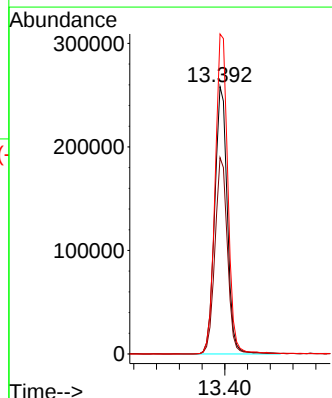
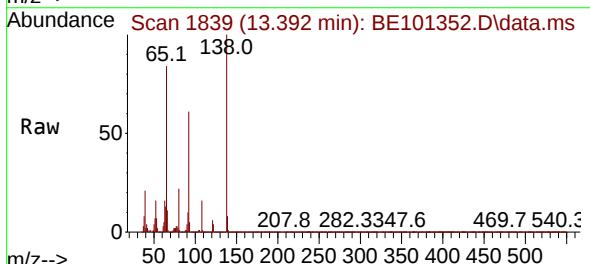
Manual Integrations
APPROVED

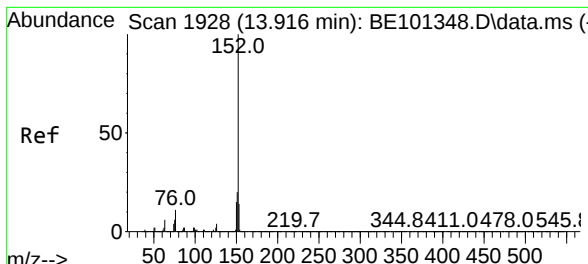
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/19/2024



#48
2-Nitroaniline
Concen: 43.776 ng
RT: 13.392 min Scan# 1839
Delta R.T. -0.001 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

Tgt Ion: 65 Resp: 395708
Ion Ratio Lower Upper
65 100
92 73.4 58.3 87.5
138 119.7 95.0 142.4





#49
Acenaphthylene
Concen: 40.545 ng
RT: 13.920 min Scan# 1929
Delta R.T. 0.005 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

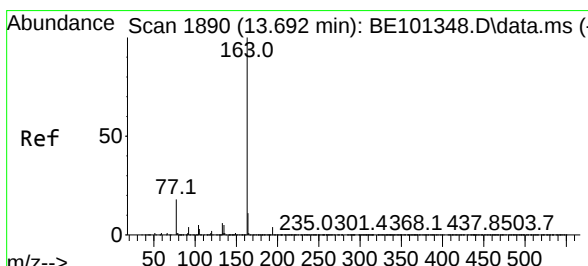
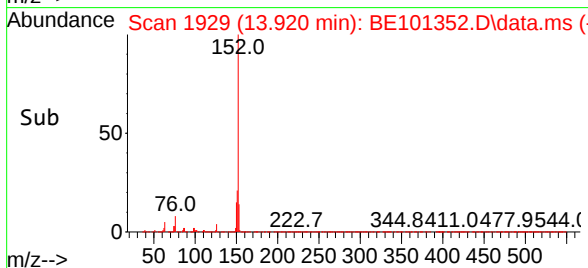
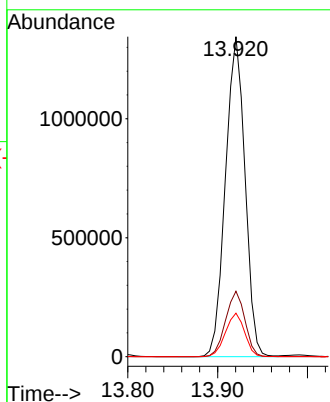
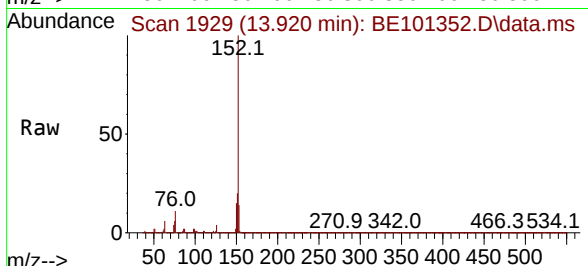
Instrument :
BNA_E
ClientSampleId :
ICVBE091724

Tgt Ion:152 Resp: 2032608

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.4	24.6
153	13.6	11.1	16.7

Manual Integrations
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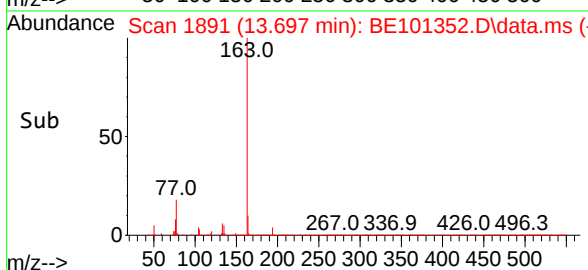
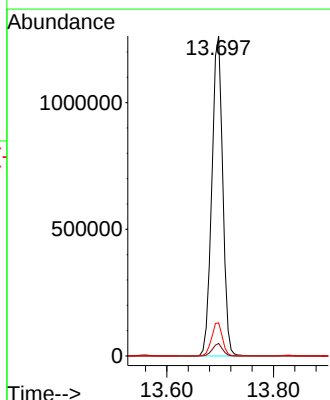
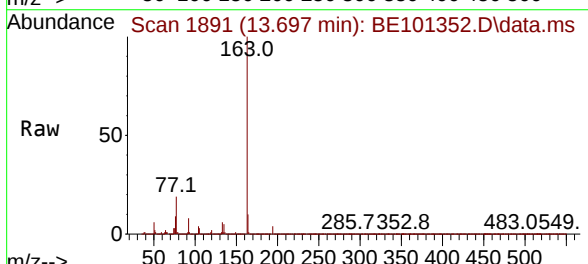
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/19/2024

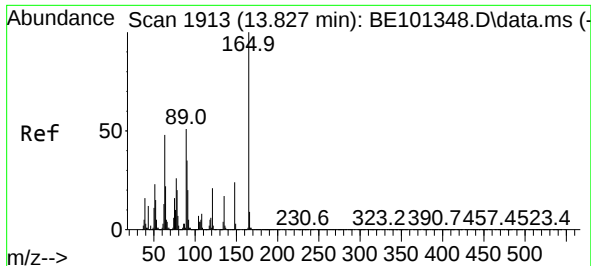


#50
Dimethylphthalate
Concen: 39.416 ng
RT: 13.697 min Scan# 1891
Delta R.T. 0.005 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

Tgt Ion:163 Resp: 1792656

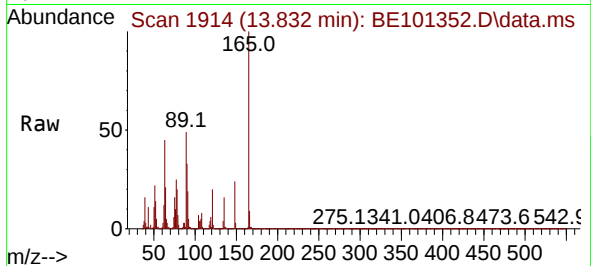
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	10.4	8.5	12.7





#51
2,6-Dinitrotoluene
Concen: 41.783 ng
RT: 13.832 min Scan# 1913
Delta R.T. 0.005 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

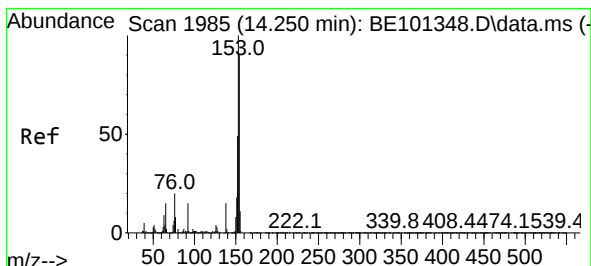
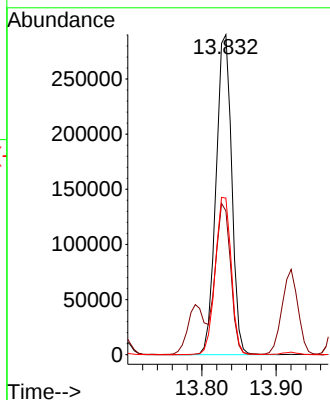
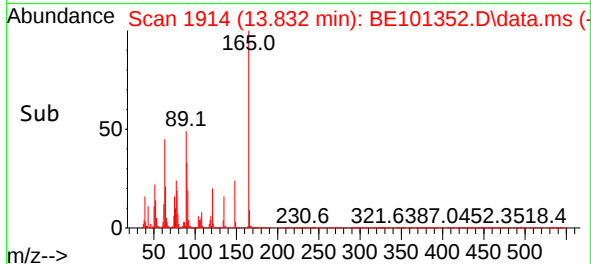
Instrument :
BNA_E
ClientSampleId :
ICVBE091724



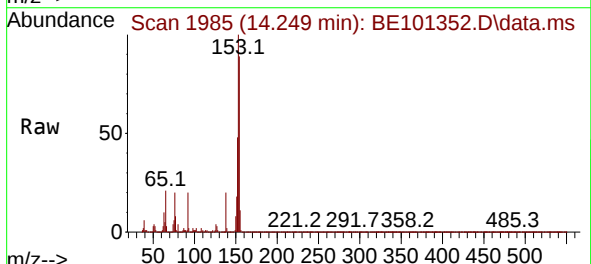
Tgt Ion:165 Resp: 425264
Ion Ratio Lower Upper
165 100
63 45.0 38.5 57.7
89 49.0 40.5 60.7

Manual Integrations
APPROVED

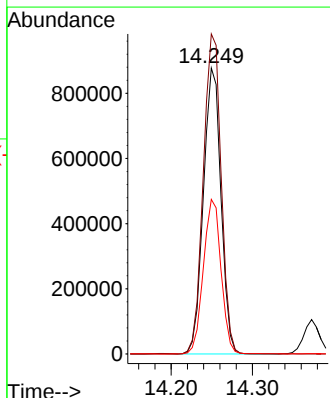
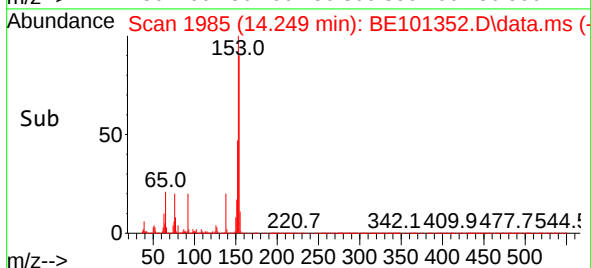
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/19/2024

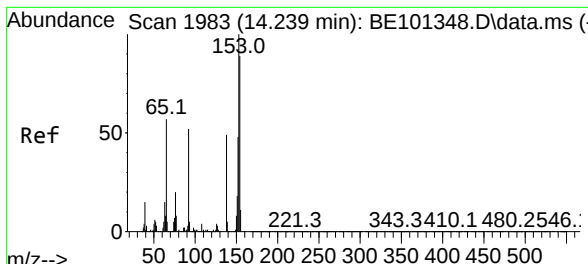


#52
Acenaphthene
Concen: 39.717 ng
RT: 14.249 min Scan# 1985
Delta R.T. -0.001 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34



Tgt Ion:154 Resp: 1312528
Ion Ratio Lower Upper
154 100
153 111.9 88.8 133.2
152 54.1 43.2 64.8





#53
3-Nitroaniline
Concen: 43.192 ng
RT: 14.243 min Scan# 1983
Delta R.T. 0.005 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

Instrument :

BNA_E

ClientSampleId :

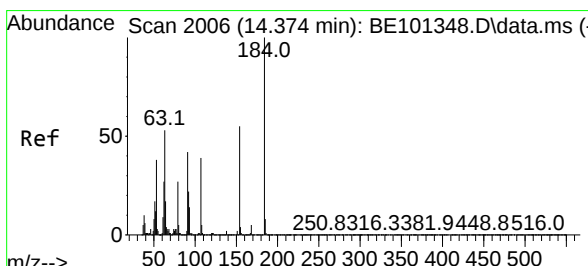
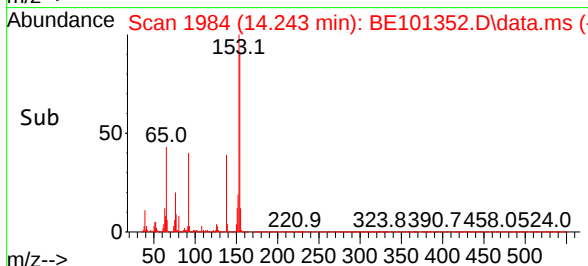
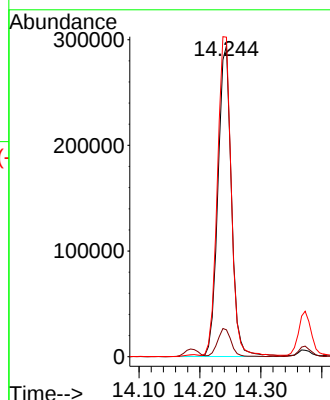
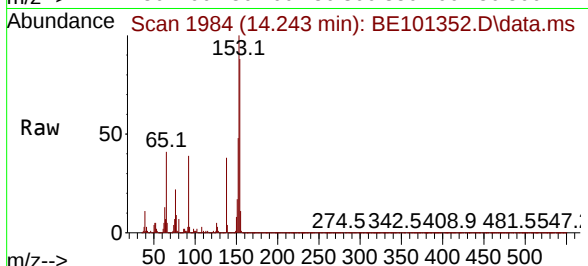
ICVBE091724

Tgt Ion:138 Resp: 45221
Ion Ratio Lower Upper
138 100
108 8.6 7.2 10.8
92 102.8 85.7 128.5

Manual Integrations

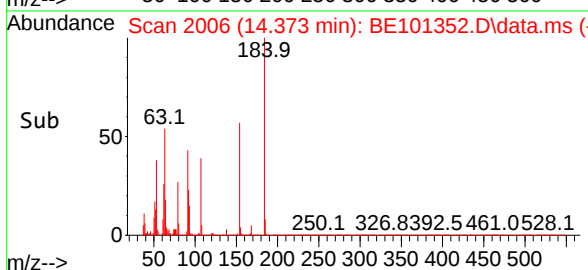
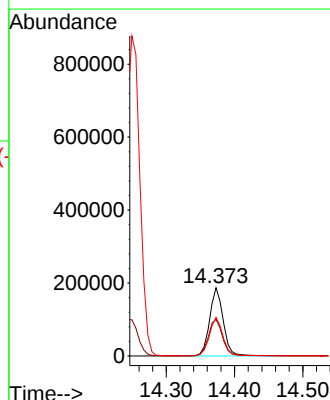
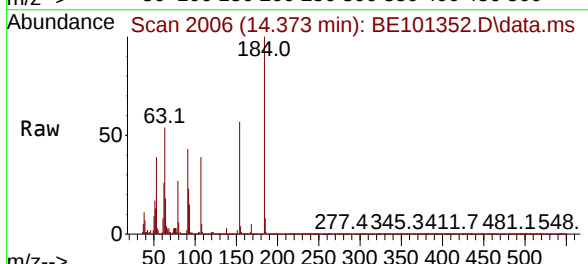
APPROVED

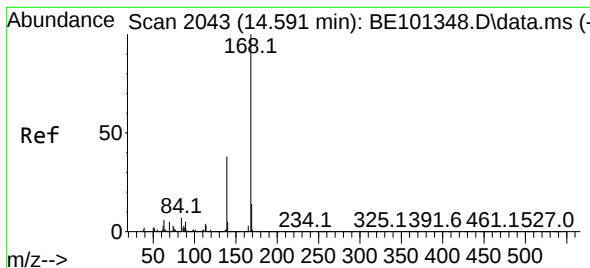
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/19/2024



#54
2,4-Dinitrophenol
Concen: 42.766 ng
RT: 14.373 min Scan# 2006
Delta R.T. -0.001 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

Tgt Ion:184 Resp: 259111
Ion Ratio Lower Upper
184 100
63 53.7 42.5 63.7
154 56.6 44.2 66.2





#55
Dibenzenofuran
Concen: 39.703 ng
RT: 14.590 min Scan# 2043
Delta R.T. -0.001 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

Instrument :

BNA_E

ClientSampleId :

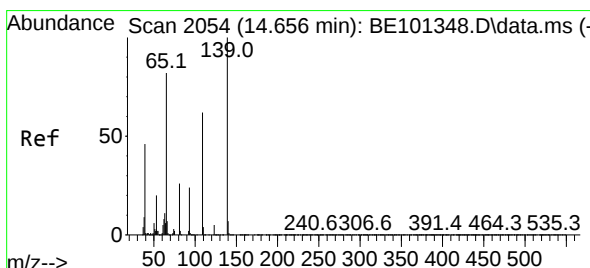
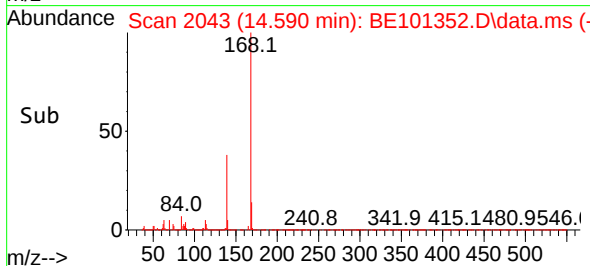
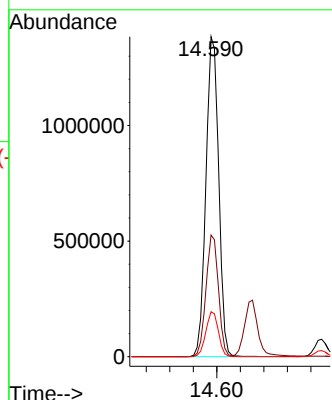
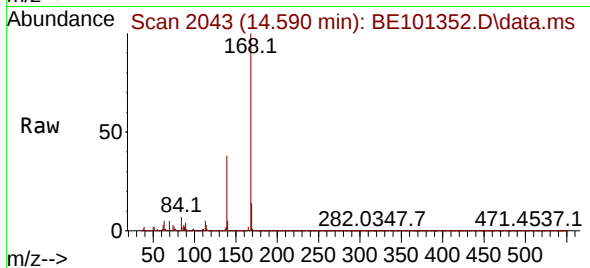
ICVBE091724

Tgt Ion:168 Resp: 207246
Ion Ratio Lower Upper
168 100
139 38.0 30.5 45.7
169 14.1 11.4 17.2

Manual Integrations

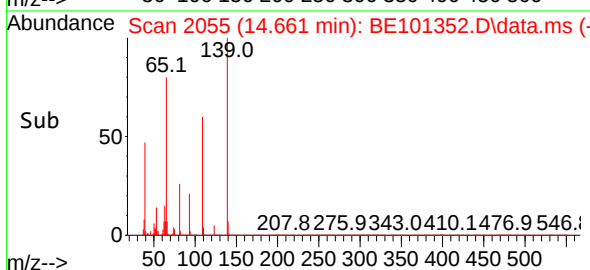
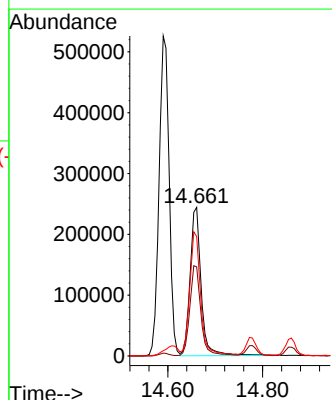
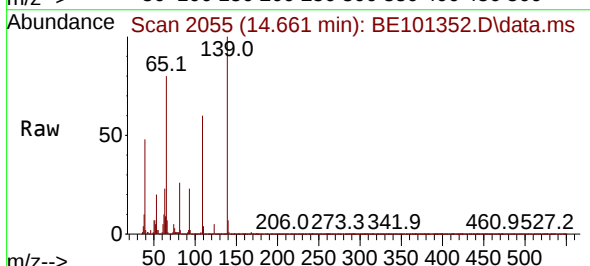
APPROVED

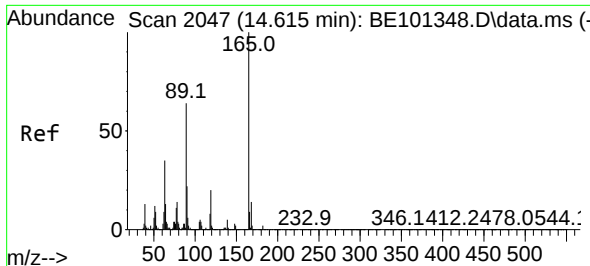
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/19/2024



#56
4-Nitrophenol
Concen: 45.218 ng
RT: 14.661 min Scan# 2055
Delta R.T. 0.005 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

Tgt Ion:139 Resp: 393588
Ion Ratio Lower Upper
139 100
109 60.0 41.9 81.9
65 80.4 63.0 103.0





#57
2,4-Dinitrotoluene
Concen: 42.835 ng
RT: 14.614 min Scan# 2047
Delta R.T. -0.001 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

Instrument :

BNA_E

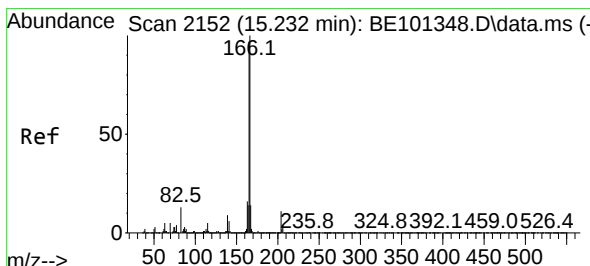
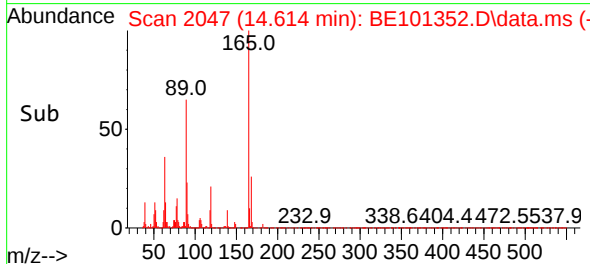
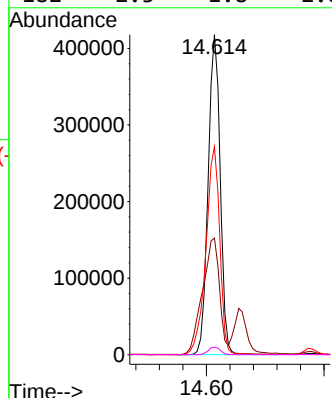
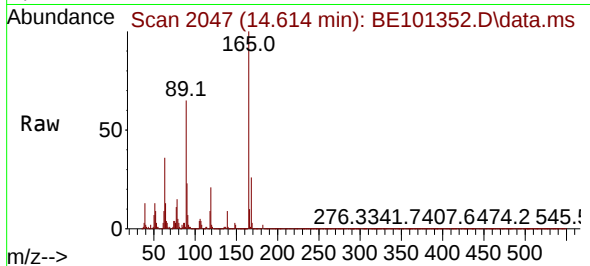
ClientSampleId :

ICVBE091724

Tgt Ion:165 Resp: 59351
Ion Ratio Lower Upper
165 100
63 36.5 28.4 42.6
89 65.0 51.0 76.4
182 2.3 1.8 2.8

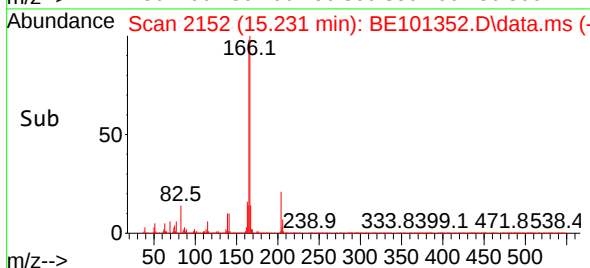
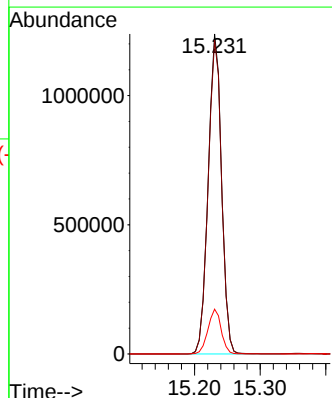
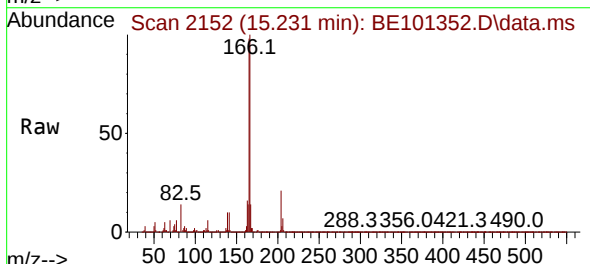
Manual Integrations
APPROVED

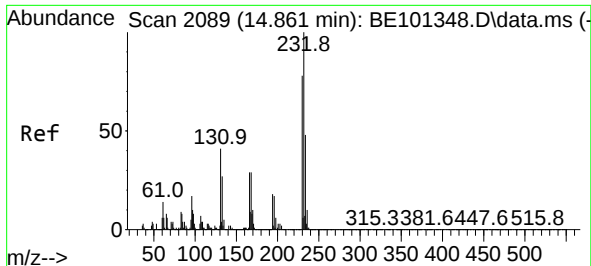
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/19/2024



#58
Fluorene
Concen: 39.910 ng
RT: 15.231 min Scan# 2152
Delta R.T. -0.001 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

Tgt Ion:166 Resp: 1755319
Ion Ratio Lower Upper
166 100
165 98.0 77.8 116.8
167 14.0 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.892 ng
RT: 14.860 min Scan# 2089
Delta R.T. -0.001 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

Instrument :

BNA_E

ClientSampleId :

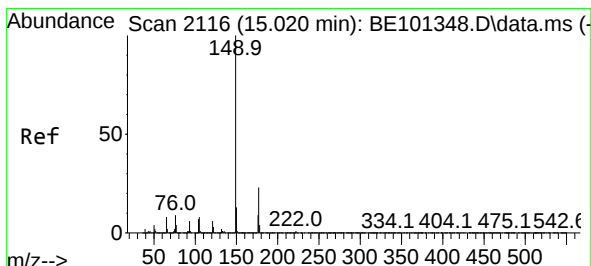
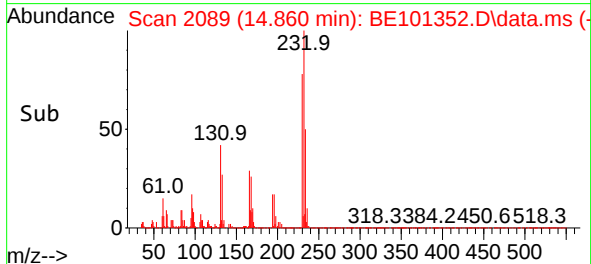
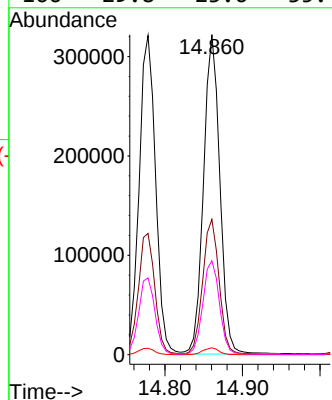
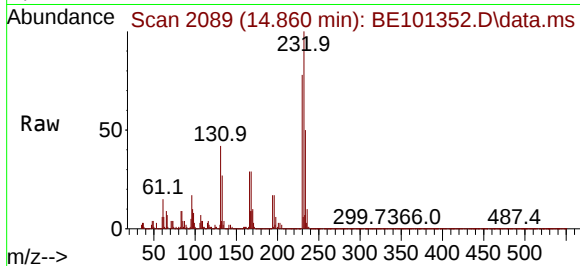
ICVBE091724

Tgt Ion:232 Resp: 469160
Ion Ratio Lower Upper
232 100
131 42.6 34.2 51.4
130 2.1 1.8 2.6
166 29.8 23.6 35.4

Manual Integrations

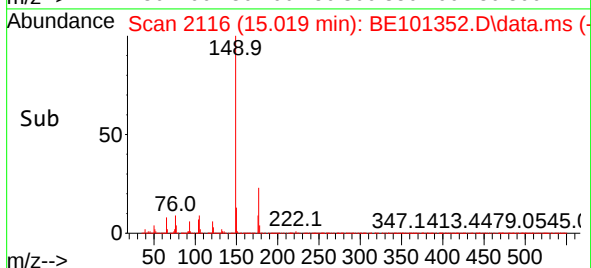
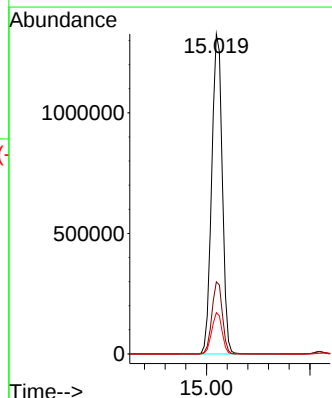
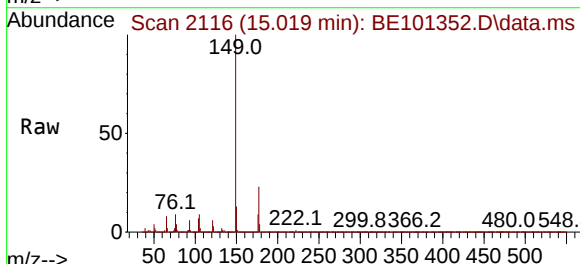
APPROVED

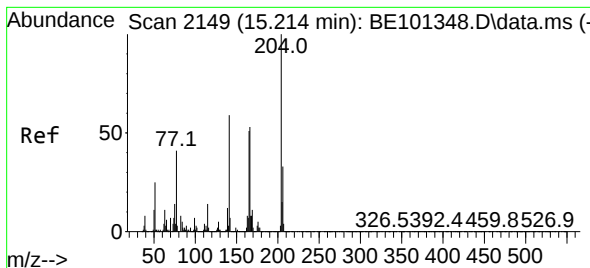
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/19/2024



#60
Diethylphthalate
Concen: 39.778 ng
RT: 15.019 min Scan# 2116
Delta R.T. -0.001 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

Tgt Ion:149 Resp: 1876941
Ion Ratio Lower Upper
149 100
177 22.6 18.4 27.6
150 12.9 10.0 15.0





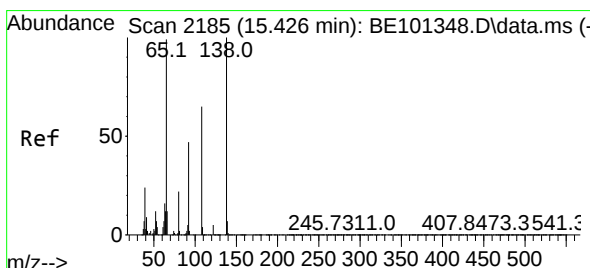
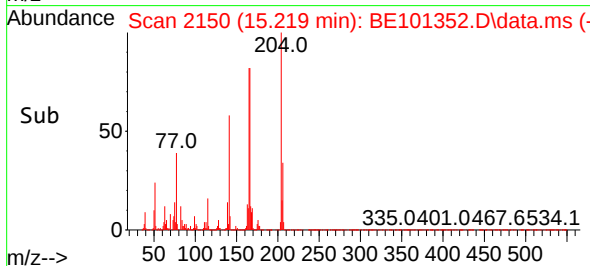
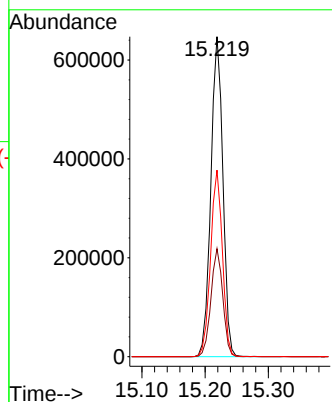
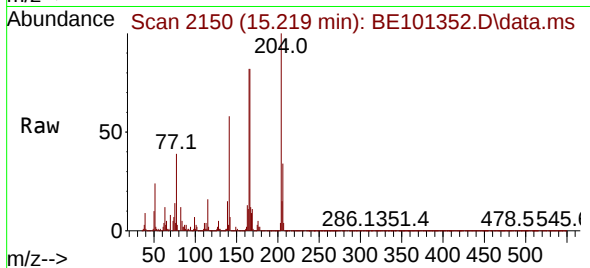
#61
4-Chlorophenyl-phenylether
Concen: 39.683 ng
RT: 15.219 min Scan# 2149
Delta R.T. 0.005 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

Instrument :
BNA_E
ClientSampleId :
ICVBE091724

Tgt Ion:204 Resp: 85611
Ion Ratio Lower Upper
204 100
206 33.8 26.2 39.2
141 58.3 47.2 70.8

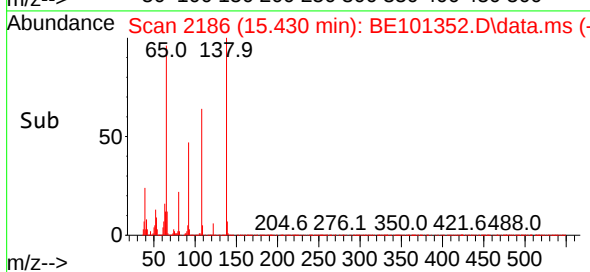
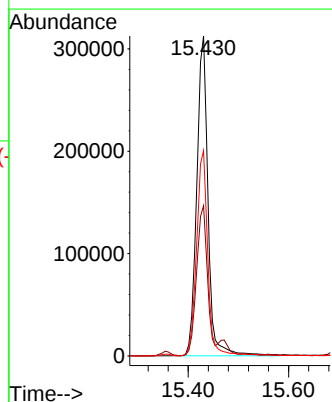
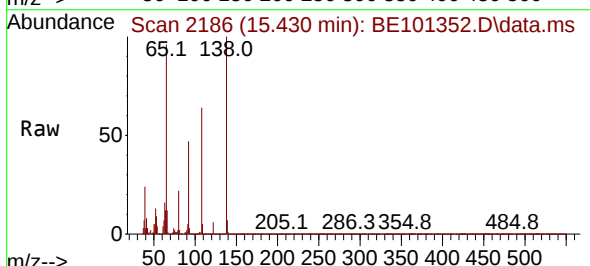
Manual Integrations
APPROVED

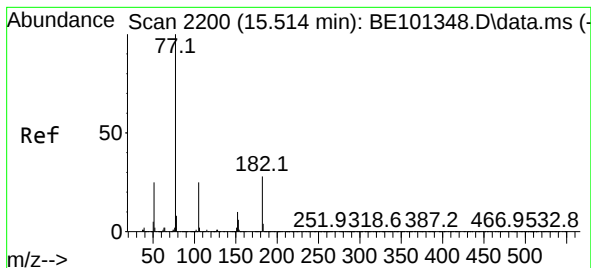
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/19/2024



#62
4-Nitroaniline
Concen: 44.523 ng
RT: 15.430 min Scan# 2186
Delta R.T. 0.005 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

Tgt Ion:138 Resp: 485794
Ion Ratio Lower Upper
138 100
92 46.9 26.8 66.8
108 64.2 44.7 84.7





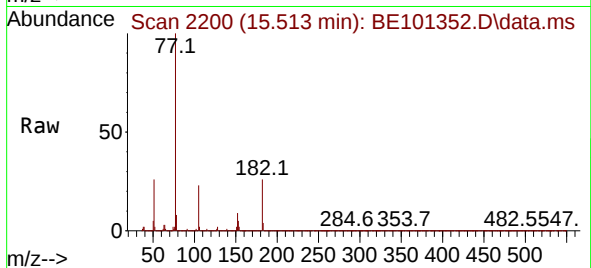
#63
Azobenzene
Concen: 40.128 ng
RT: 15.513 min Scan# 21
Delta R.T. -0.001 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

Instrument :

BNA_E

ClientSampleId :

ICVBE091724



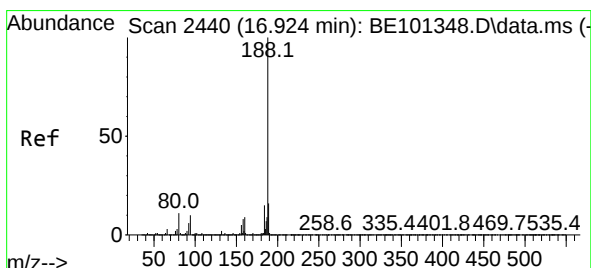
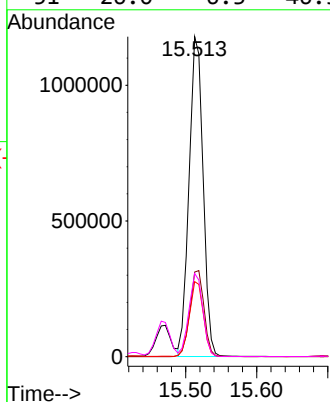
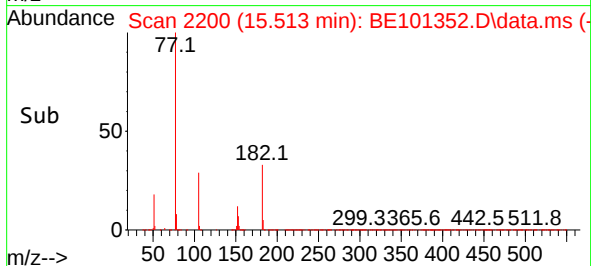
Tgt Ion: 77 Resp: 161805
Ion Ratio Lower Upper
77 100
182 26.5 7.8 47.8
105 23.4 4.3 44.3
51 26.0 6.3 46.3

Manual Integrations

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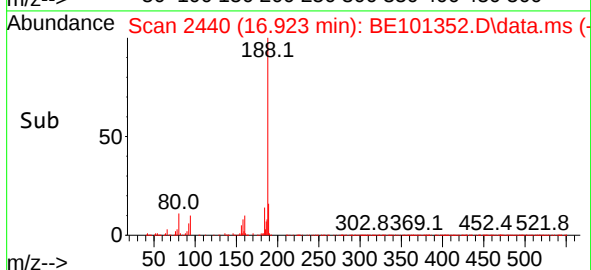
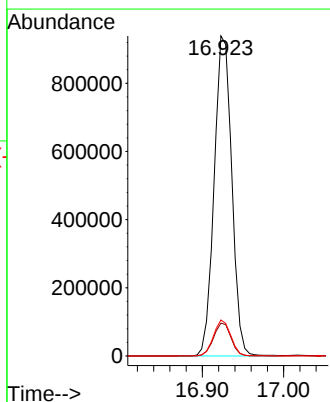
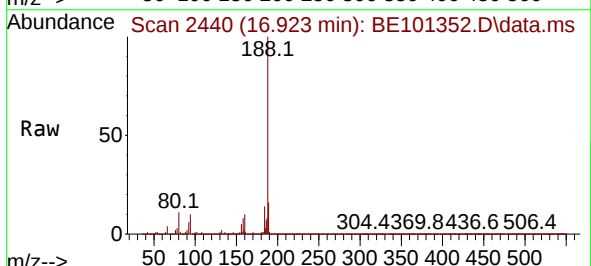
Reviewed By :Yogesh Patel 09/19/2024

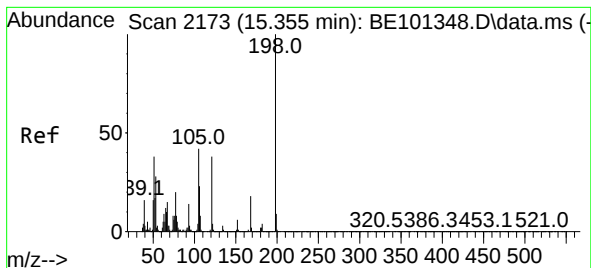
Supervised By :mohammad ahmed 09/19/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.923 min Scan# 2440
Delta R.T. -0.001 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

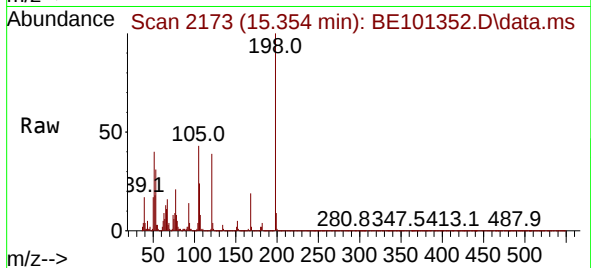
Tgt Ion:188 Resp: 1414911
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.2
80 11.3 8.6 13.0





#65
4,6-Dinitro-2-methylphenol
Concen: 42.533 ng
RT: 15.354 min Scan# 2173
Delta R.T. -0.001 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

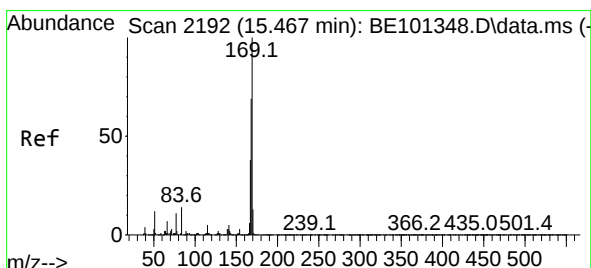
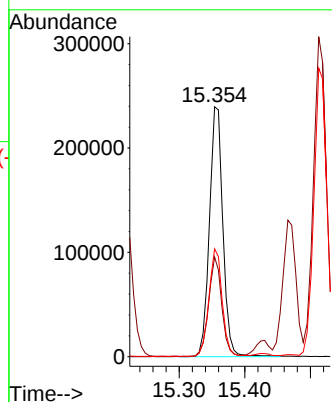
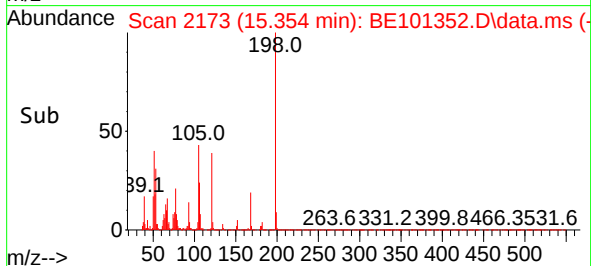
Instrument :
BNA_E
ClientSampleId :
ICVBE091724



Tgt Ion:198 Resp: 341728
Ion Ratio Lower Upper
198 100
51 39.9 18.1 58.1
105 43.2 22.0 62.0

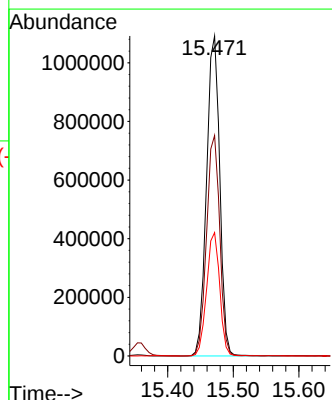
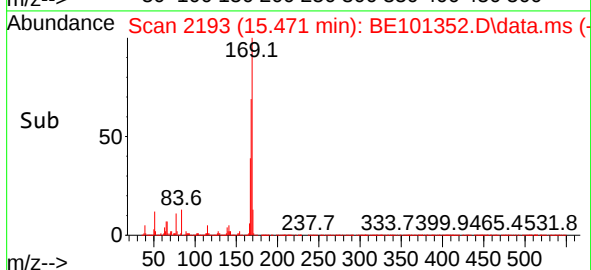
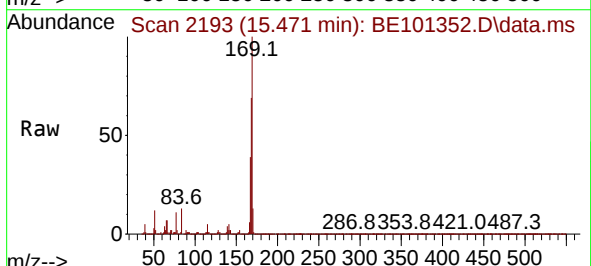
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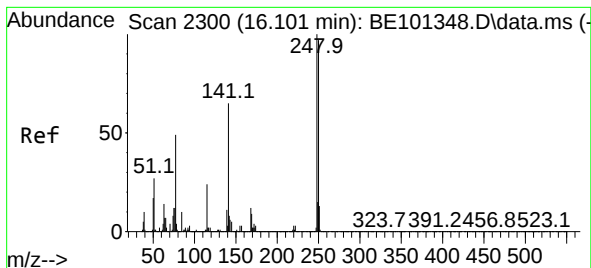
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/19/2024



#66
n-Nitrosodiphenylamine
Concen: 40.518 ng
RT: 15.471 min Scan# 2193
Delta R.T. 0.005 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

Tgt Ion:169 Resp: 1528129
Ion Ratio Lower Upper
169 100
168 68.9 55.1 82.7
167 38.5 30.5 45.7





#67
4-Bromophenyl-phenylether
Concen: 39.976 ng
RT: 16.106 min Scan# 211
Delta R.T. 0.005 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

Instrument :

BNA_E

ClientSampleId :

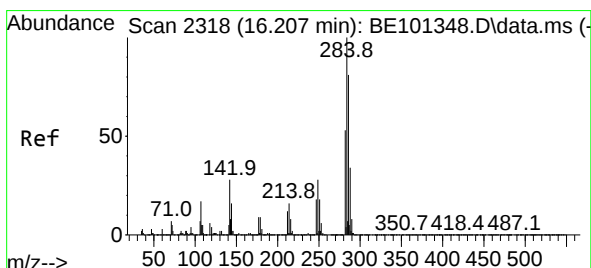
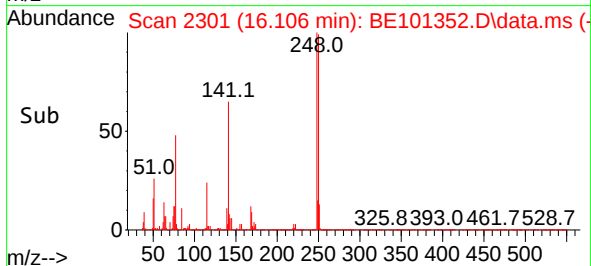
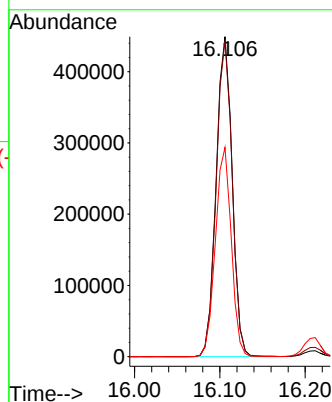
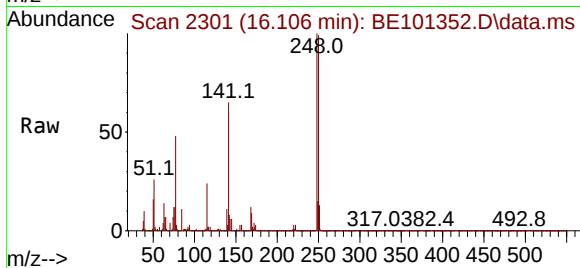
ICVBE091724

Tgt Ion:248 Resp: 587602
Ion Ratio Lower Upper
248 100
250 98.6 77.7 116.5
141 65.4 51.8 77.8

Manual Integrations

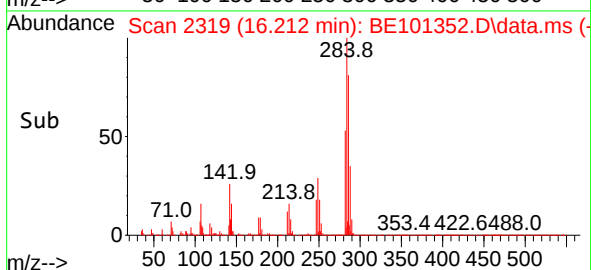
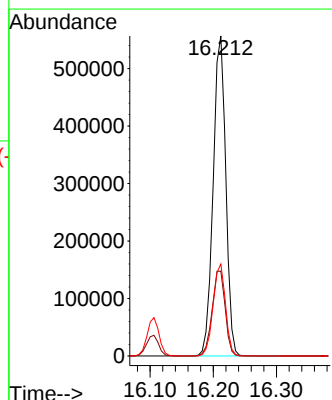
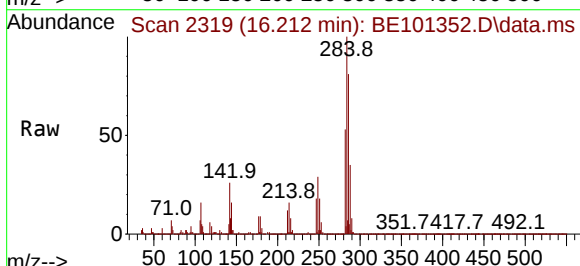
APPROVED

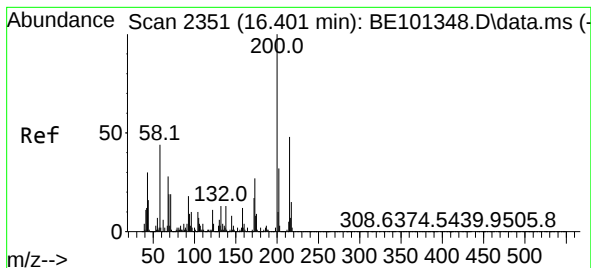
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/19/2024



#68
Hexachlorobenzene
Concen: 40.527 ng
RT: 16.212 min Scan# 2319
Delta R.T. 0.005 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

Tgt Ion:284 Resp: 769882
Ion Ratio Lower Upper
284 100
142 26.5 22.1 33.1
249 28.7 22.7 34.1





#69

Atrazine

Concen: 39.655 ng

RT: 16.406 min Scan# 21

Delta R.T. 0.005 min

Lab File: BE101352.D

Acq: 17 Sep 2024 15:34

Instrument :

BNA_E

ClientSampleId :

ICVBE091724

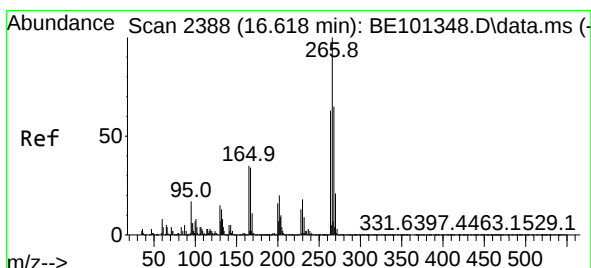
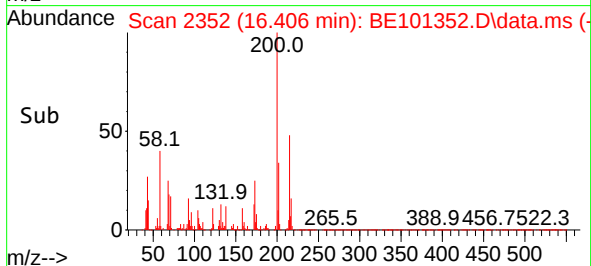
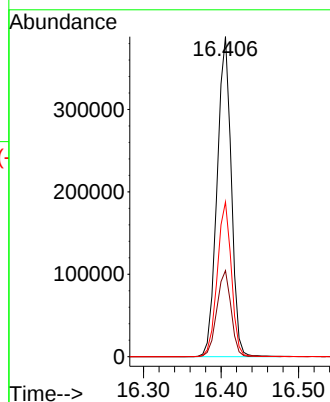
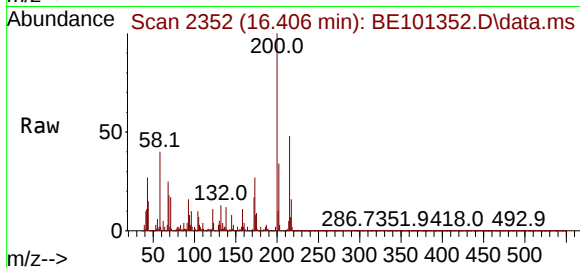
Tgt Ion:200 Resp: 493864
 Ion Ratio Lower Upper
 200 100
 173 26.9 6.9 46.9
 215 48.3 27.8 67.8

Manual Integrations

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Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/19/2024



#70

Pentachlorophenol

Concen: 43.810 ng

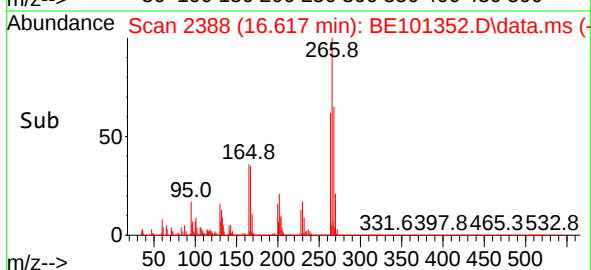
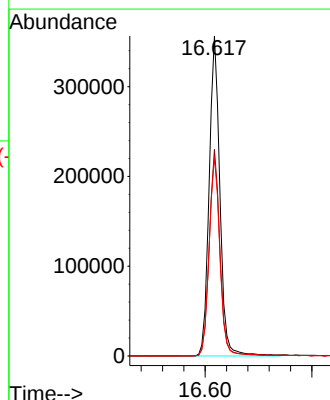
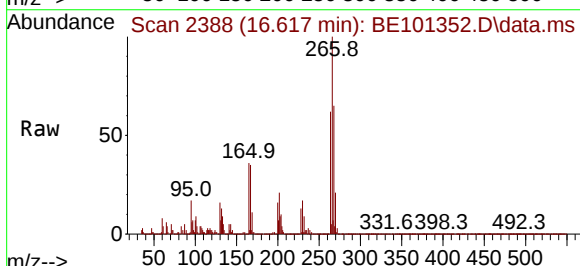
RT: 16.617 min Scan# 2388

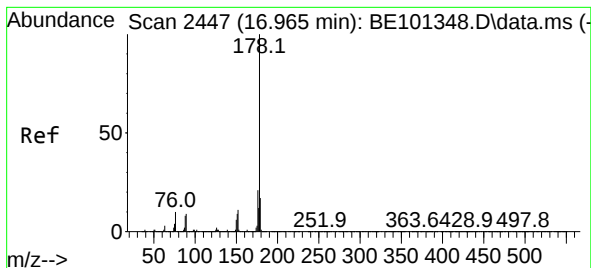
Delta R.T. -0.001 min

Lab File: BE101352.D

Acq: 17 Sep 2024 15:34

Tgt Ion:266 Resp: 497249
 Ion Ratio Lower Upper
 266 100
 268 64.5 52.2 78.4
 264 62.2 50.5 75.7





#71

Phenanthrene

Concen: 39.900 ng

RT: 16.970 min Scan# 2448

Delta R.T. 0.005 min

Lab File: BE101352.D

Acq: 17 Sep 2024 15:34

Instrument :

BNA_E

ClientSampleId :

ICVBE091724

Tgt Ion:178 Resp: 268126

Ion Ratio Lower Upper

178 100

176 21.0 16.8 25.2

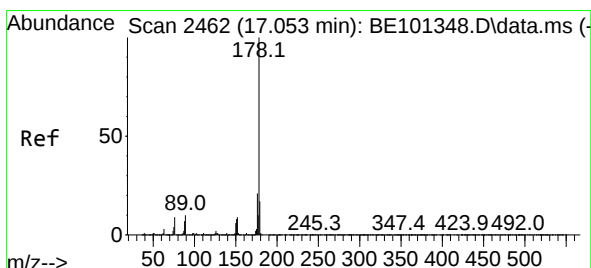
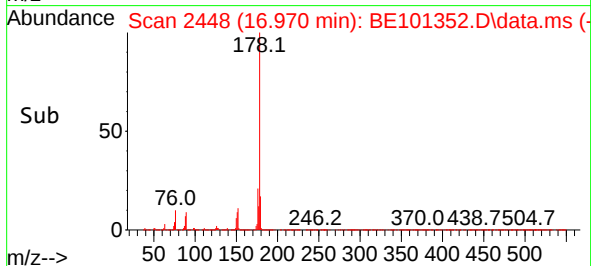
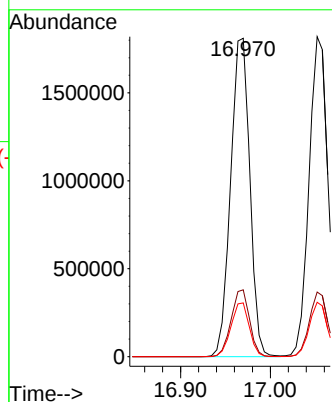
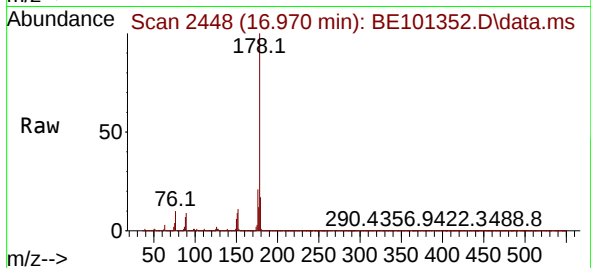
179 16.9 13.3 19.9

Manual Integrations

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Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/19/2024



#72

Anthracene

Concen: 40.656 ng

RT: 17.052 min Scan# 2462

Delta R.T. -0.001 min

Lab File: BE101352.D

Acq: 17 Sep 2024 15:34

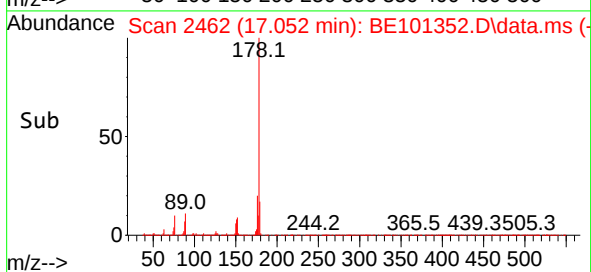
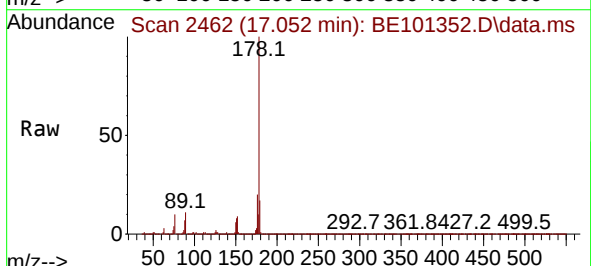
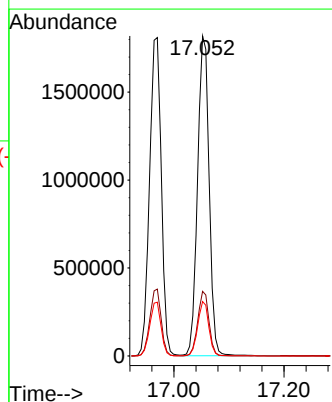
Tgt Ion:178 Resp: 2658675

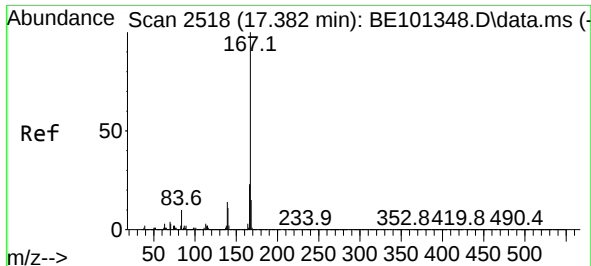
Ion Ratio Lower Upper

178 100

176 20.2 16.4 24.6

179 17.0 13.4 20.0





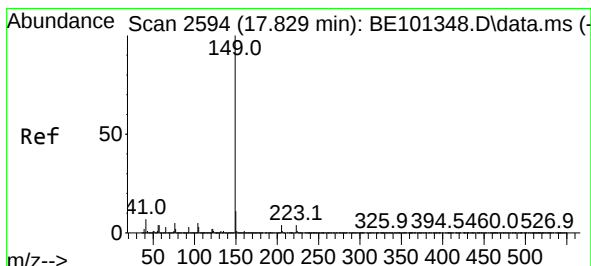
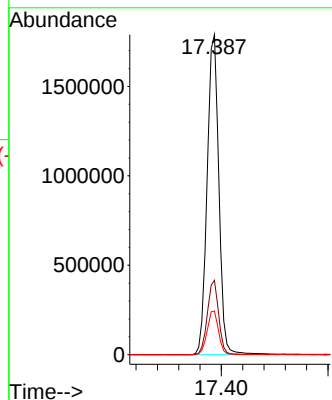
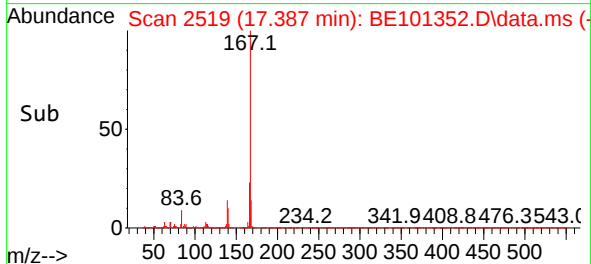
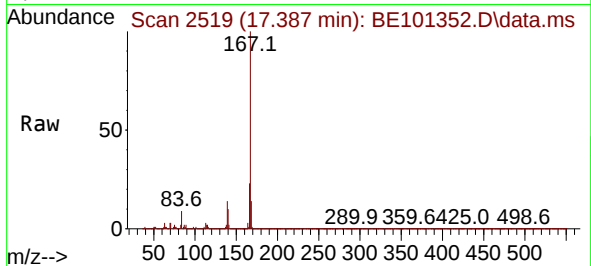
#73
 Carbazole
 Concen: 40.822 ng
 RT: 17.387 min Scan# 2518
 Delta R.T. 0.005 min
 Lab File: BE101352.D
 Acq: 17 Sep 2024 15:34

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE091724

Tgt Ion:167 Resp: 273562
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.4 27.6
 139 13.7 11.1 16.7

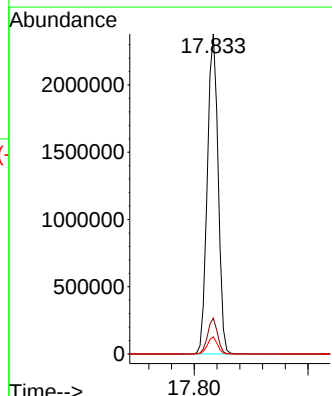
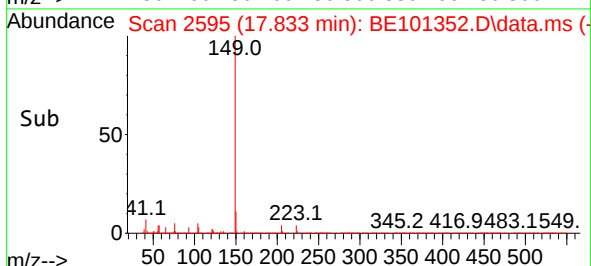
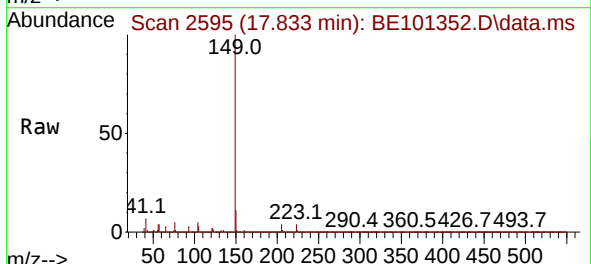
Manual Integrations
 APPROVED

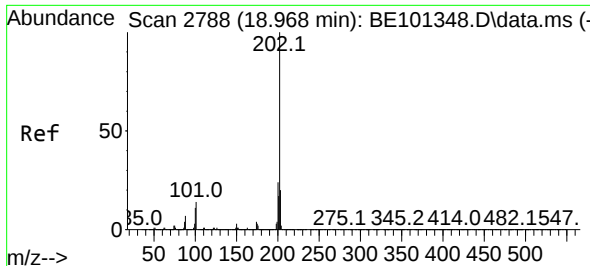
Reviewed By :Yogesh Patel 09/19/2024
 Supervised By :mohammad ahmed 09/19/2024



#74
 Di-n-butylphthalate
 Concen: 42.382 ng
 RT: 17.833 min Scan# 2595
 Delta R.T. 0.005 min
 Lab File: BE101352.D
 Acq: 17 Sep 2024 15:34

Tgt Ion:149 Resp: 3118499
 Ion Ratio Lower Upper
 149 100
 150 11.2 9.0 13.6
 104 5.3 4.4 6.6





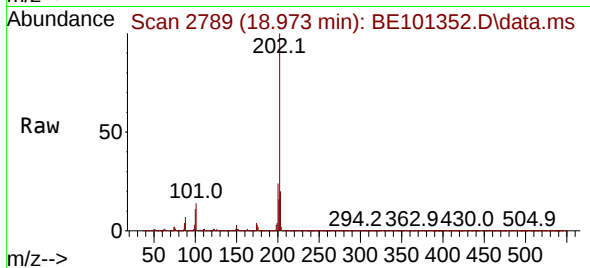
#75
Fluoranthene
Concen: 40.499 ng
RT: 18.973 min Scan# 21
Delta R.T. 0.005 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

Instrument :

BNA_E

ClientSampleId :

ICVBE091724



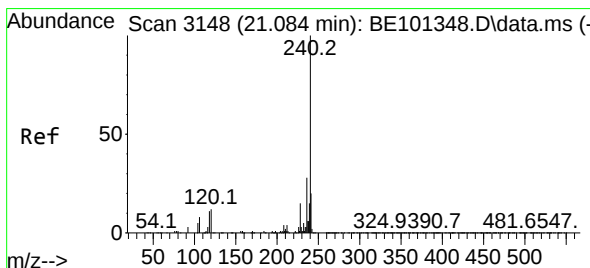
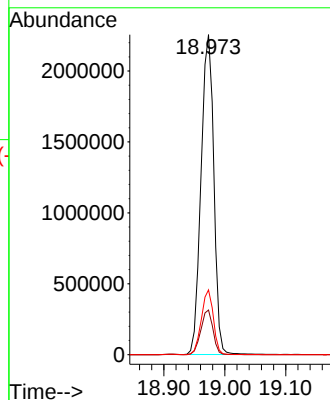
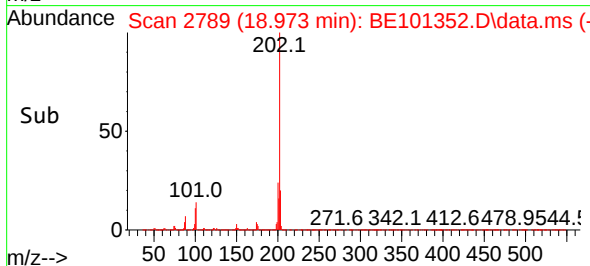
Tgt Ion:202 Resp: 3276298
Ion Ratio Lower Upper
202 100
101 13.9 0.0 34.2
203 20.3 0.4 40.4

Manual Integrations

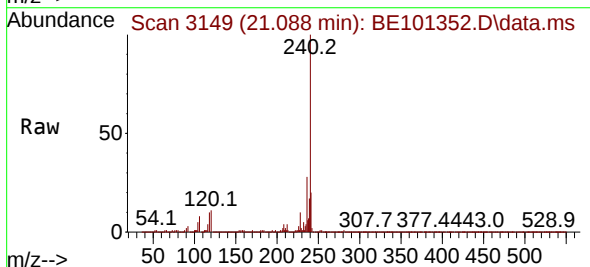
APPROVED

Reviewed By :Yogesh Patel 09/19/2024

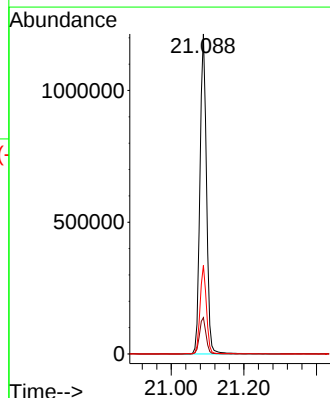
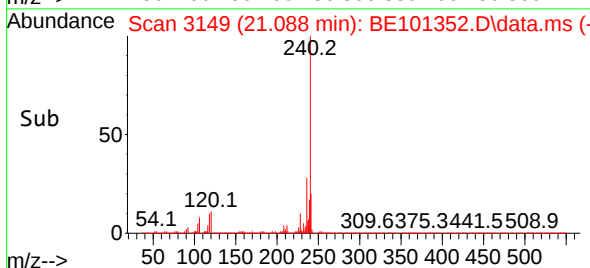
Supervised By :mohammad ahmed 09/19/2024

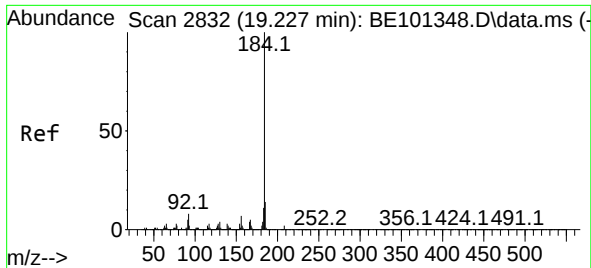


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.088 min Scan# 3149
Delta R.T. 0.005 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34



Tgt Ion:240 Resp: 1515273
Ion Ratio Lower Upper
240 100
120 11.3 9.8 14.8
236 27.7 22.1 33.1





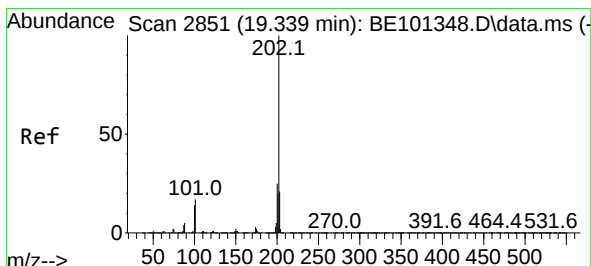
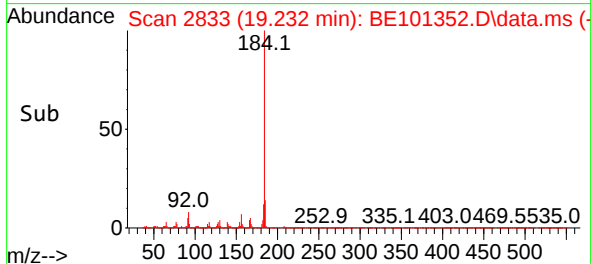
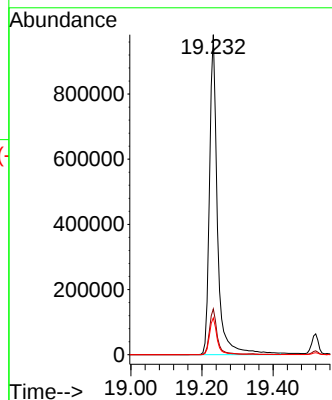
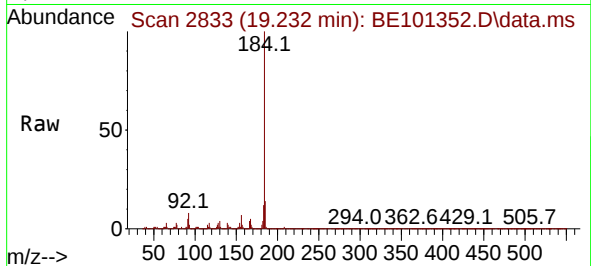
#77
Benzidine
Concen: 61.193 ng
RT: 19.232 min Scan# 2833
Delta R.T. 0.005 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

Instrument :
BNA_E
ClientSampleId :
ICVBE091724

Tgt Ion:184 Resp: 153889
Ion Ratio Lower Upper
184 100
185 14.3 11.4 17.2
183 11.5 9.1 13.7

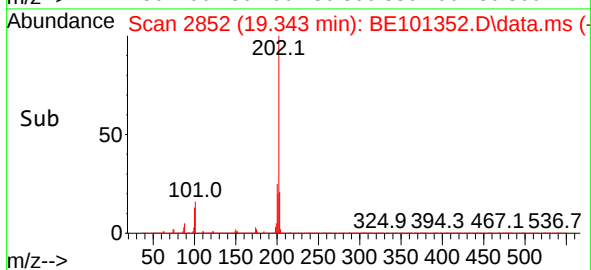
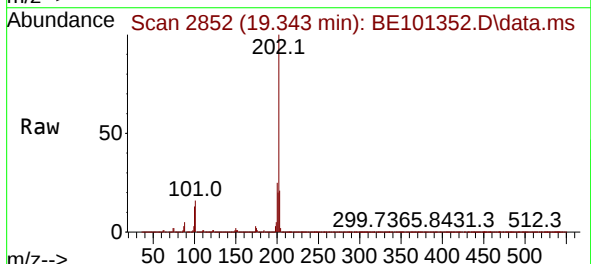
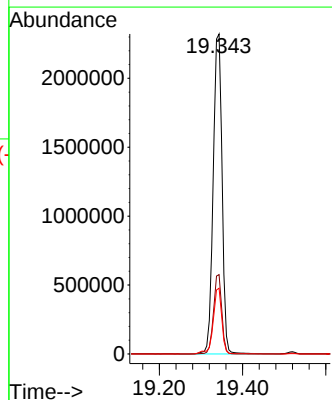
Manual Integrations
APPROVED

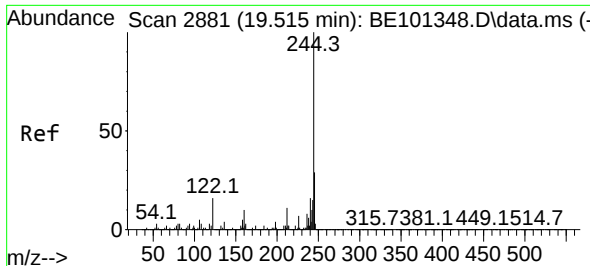
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/19/2024



#78
Pyrene
Concen: 40.669 ng
RT: 19.343 min Scan# 2852
Delta R.T. 0.005 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

Tgt Ion:202 Resp: 3427363
Ion Ratio Lower Upper
202 100
200 24.8 20.2 30.2
203 20.5 16.6 25.0





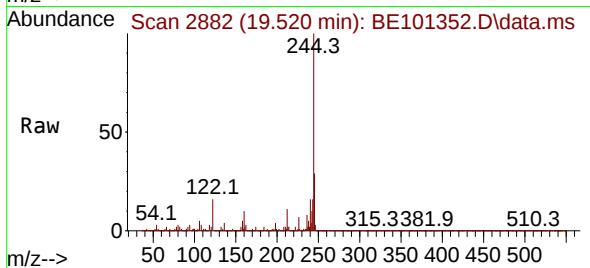
#79
 Terphenyl-d14
 Concen: 67.895 ng
 RT: 19.520 min Scan# 2881
 Delta R.T. 0.005 min
 Lab File: BE101352.D
 Acq: 17 Sep 2024 15:34

Instrument :

BNA_E

ClientSampleId :

ICVBE091724



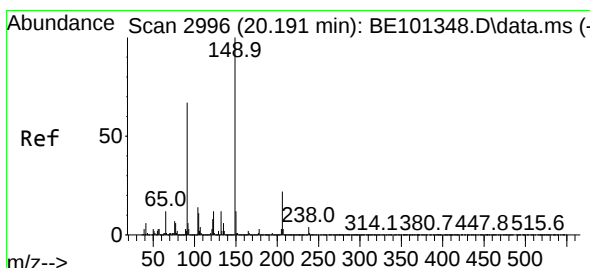
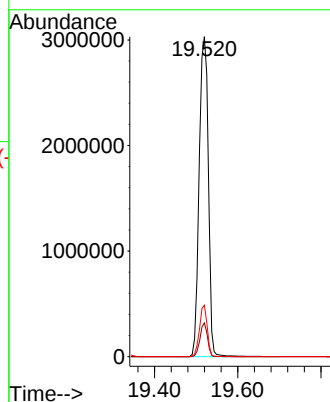
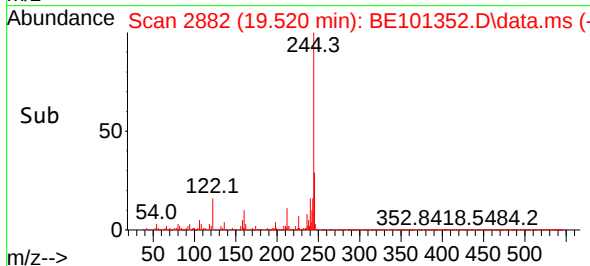
Tgt Ion:244 Resp: 4639790
 Ion Ratio Lower Upper
 244 100
 212 10.6 8.5 12.7
 122 16.1 13.1 19.7

Manual Integrations

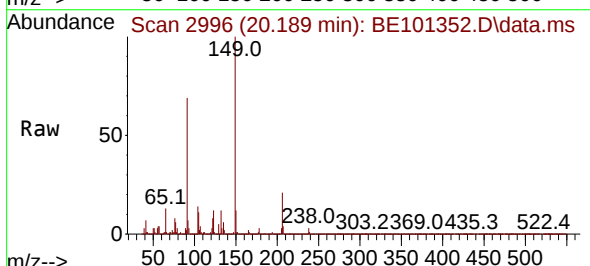
APPROVED

Reviewed By :Yogesh Patel 09/19/2024

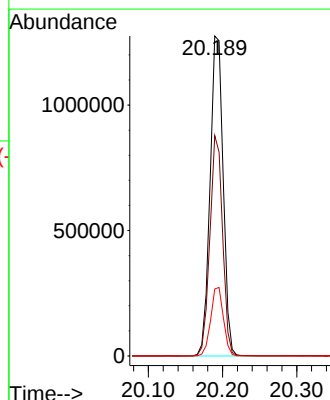
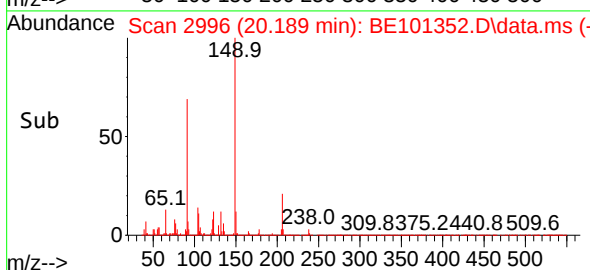
Supervised By :mohammad ahmed 09/19/2024

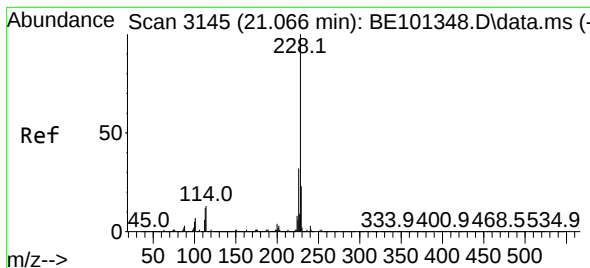


#80
 Butylbenzylphthalate
 Concen: 41.927 ng
 RT: 20.189 min Scan# 2996
 Delta R.T. -0.001 min
 Lab File: BE101352.D
 Acq: 17 Sep 2024 15:34



Tgt Ion:149 Resp: 1564130
 Ion Ratio Lower Upper
 149 100
 91 68.8 53.4 80.2
 206 20.9 17.4 26.0





#81

Benzo(a)anthracene

Concen: 40.111 ng

RT: 21.065 min Scan# 3145

Delta R.T. -0.001 min

Lab File: BE101352.D

Acq: 17 Sep 2024 15:34

Instrument :

BNA_E

ClientSampleId :

ICVBE091724

Tgt Ion:228 Resp: 3413308

Ion Ratio Lower Upper

228 100

226 31.4 25.7 38.5

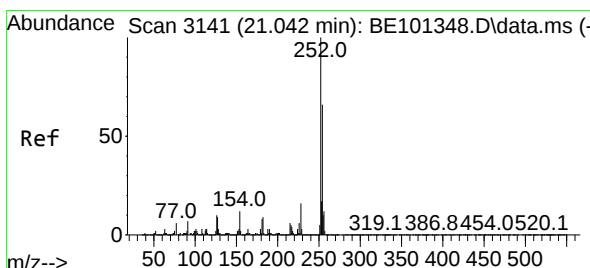
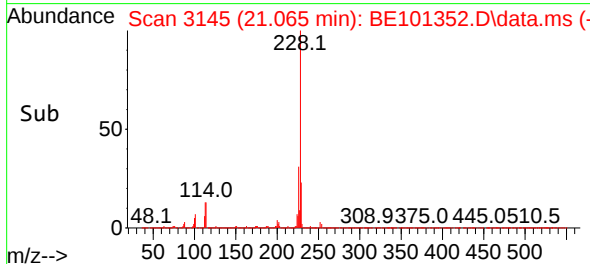
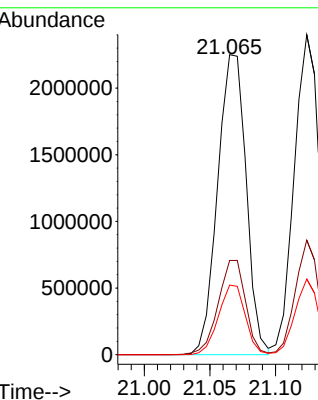
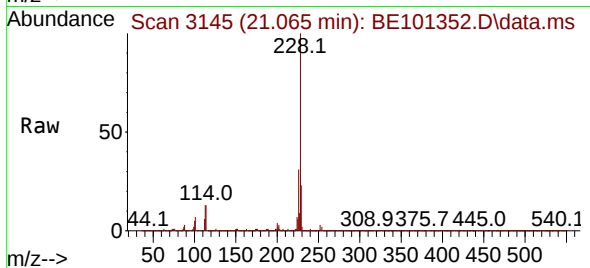
229 23.2 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/19/2024



#82

3,3'-Dichlorobenzidine

Concen: 42.782 ng

RT: 21.041 min Scan# 3141

Delta R.T. -0.001 min

Lab File: BE101352.D

Acq: 17 Sep 2024 15:34

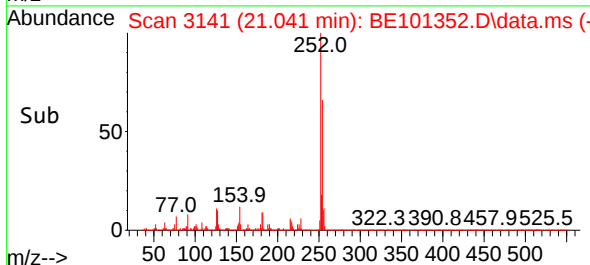
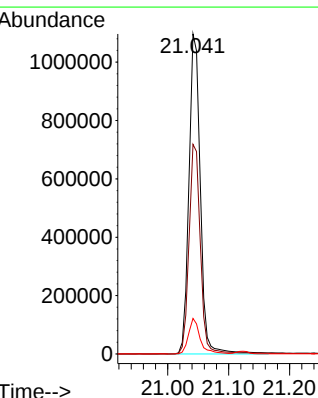
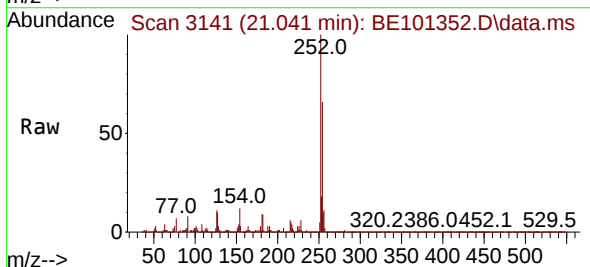
Tgt Ion:252 Resp: 1426467

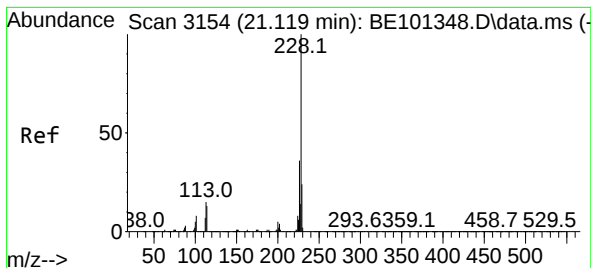
Ion Ratio Lower Upper

252 100

254 65.5 52.5 78.7

126 11.1 8.0 12.0





#83

Chrysene

Concen: 39.915 ng

RT: 21.124 min Scan# 3155

Delta R.T. 0.005 min

Lab File: BE101352.D

Acq: 17 Sep 2024 15:34

Instrument :

BNA_E

ClientSampleId :

ICVBE091724

Tgt Ion:228 Resp: 3262808

Ion Ratio Lower Upper

228 100

226 35.8 28.4 42.6

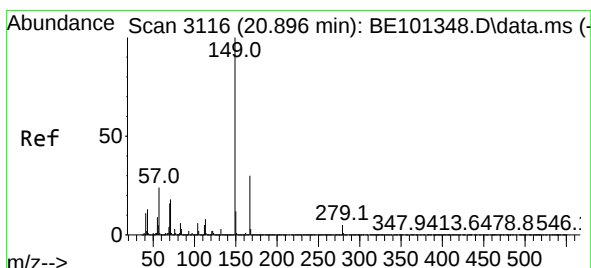
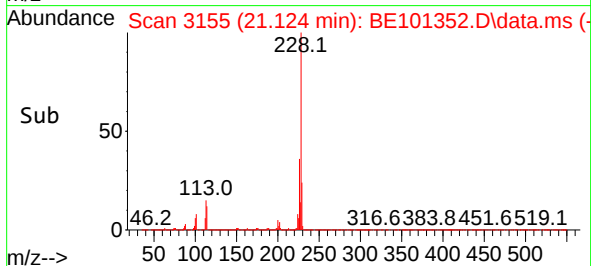
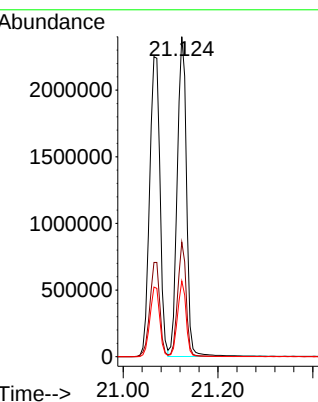
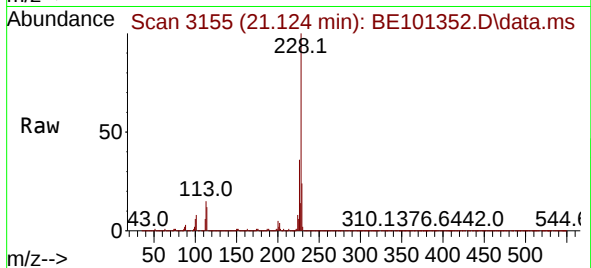
229 23.7 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/19/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.046 ng

RT: 20.895 min Scan# 3116

Delta R.T. -0.001 min

Lab File: BE101352.D

Acq: 17 Sep 2024 15:34

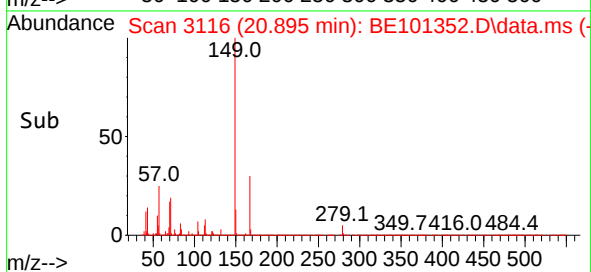
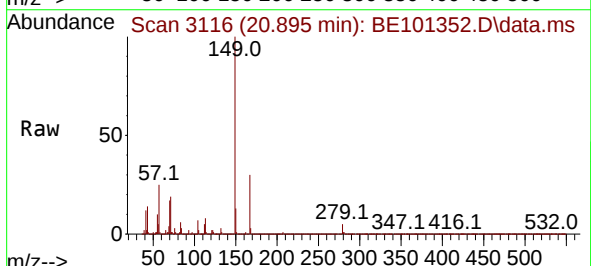
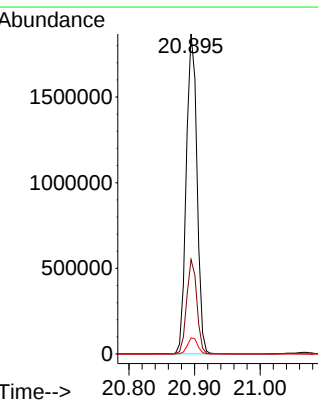
Tgt Ion:149 Resp: 2123727

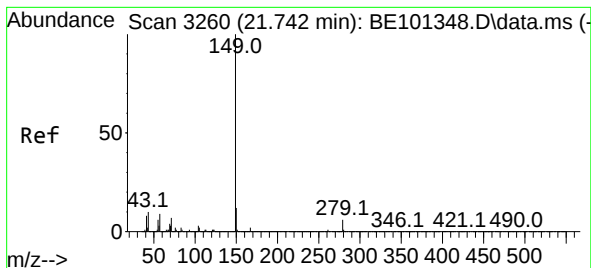
Ion Ratio Lower Upper

149 100

167 29.5 23.9 35.9

279 5.0 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 41.721 ng

RT: 21.746 min Scan# 31

Delta R.T. 0.005 min

Lab File: BE101352.D

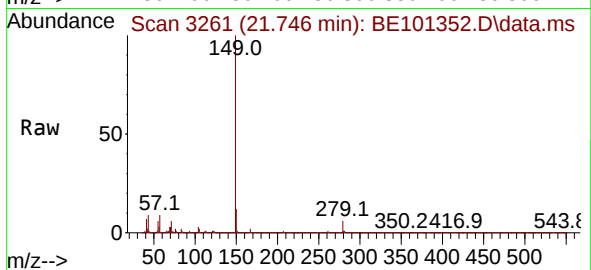
Acq: 17 Sep 2024 15:34

Instrument :

BNA_E

ClientSampleId :

ICVBE091724



Tgt Ion:149 Resp: 335993

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

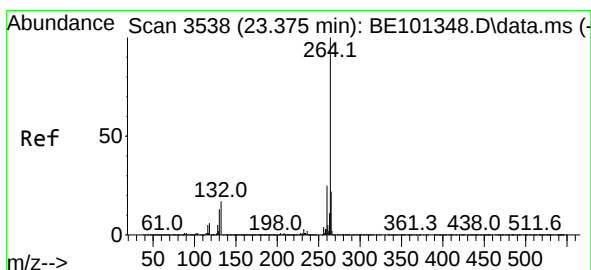
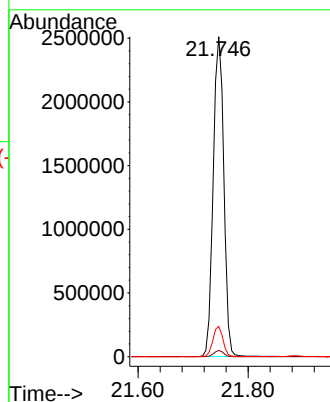
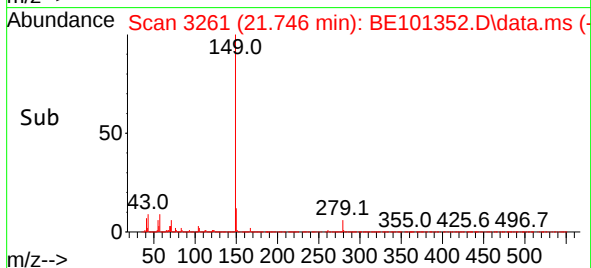
43 9.1 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/19/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.380 min Scan# 3539

Delta R.T. 0.005 min

Lab File: BE101352.D

Acq: 17 Sep 2024 15:34

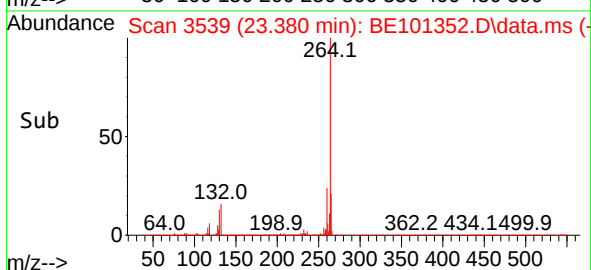
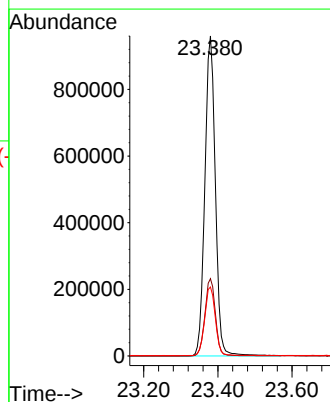
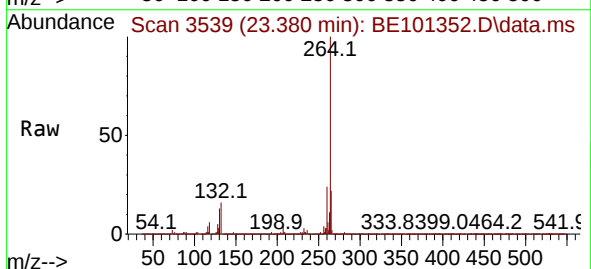
Tgt Ion:264 Resp: 1886393

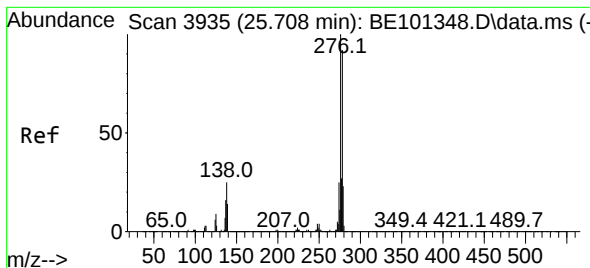
Ion Ratio Lower Upper

264 100

260 24.1 19.8 29.6

265 21.5 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.682 ng

RT: 25.718 min Scan# 3935

Delta R.T. 0.011 min

Lab File: BE101352.D

Acq: 17 Sep 2024 15:34

Instrument :

BNA_E

ClientSampleId :

ICVBE091724

Tgt Ion:276 Resp: 505605

Ion Ratio Lower Upper

276 100

138 23.6 19.2 28.8

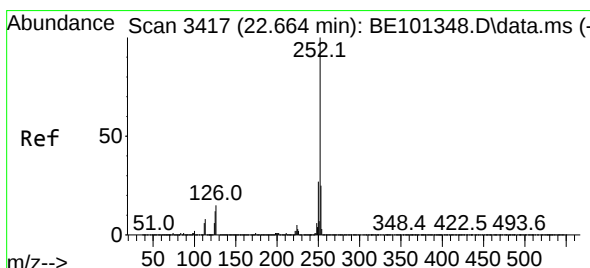
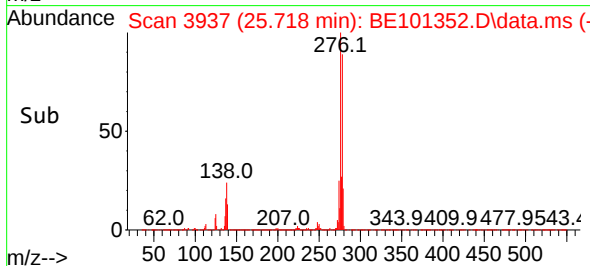
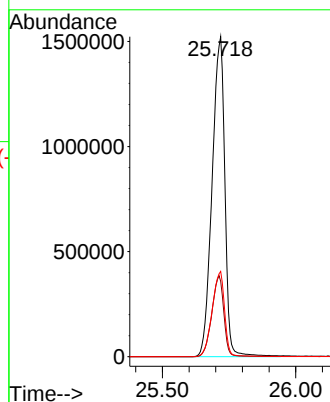
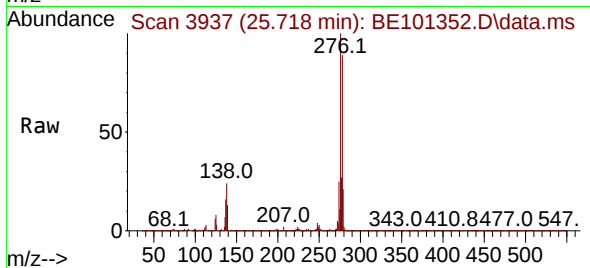
277 25.9 20.8 31.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/19/2024



#88

Benzo(b)fluoranthene

Concen: 40.831 ng

RT: 22.669 min Scan# 3418

Delta R.T. 0.005 min

Lab File: BE101352.D

Acq: 17 Sep 2024 15:34

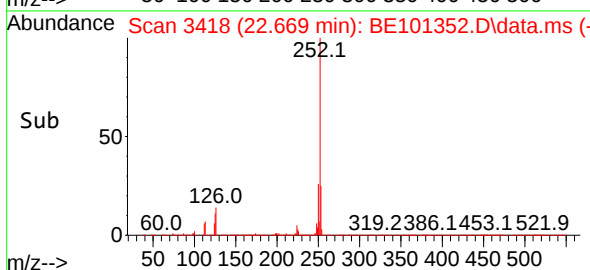
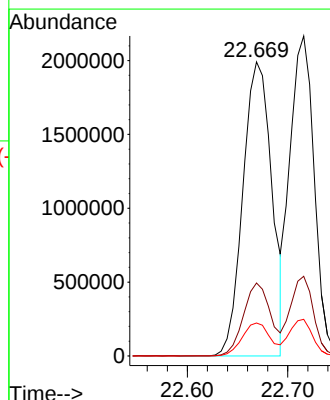
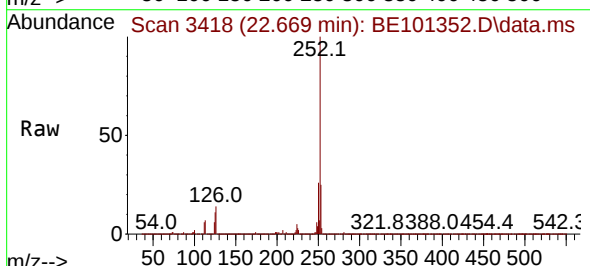
Tgt Ion:252 Resp: 3989154

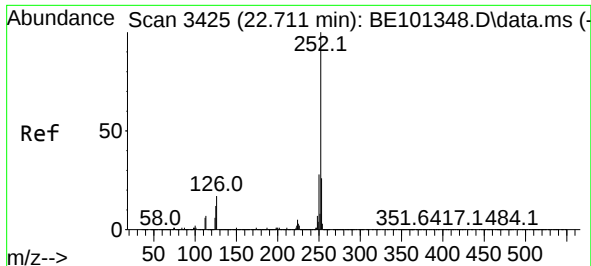
Ion Ratio Lower Upper

252 100

253 24.8 20.2 30.2

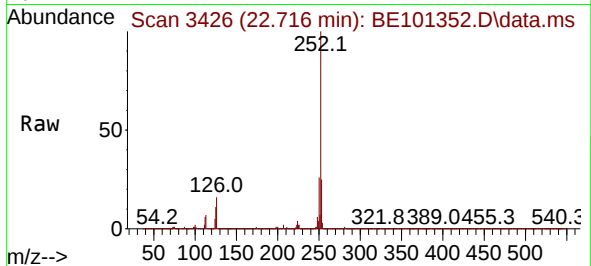
125 11.2 9.4 14.0





#89
Benzo(k)fluoranthene
Concen: 40.183 ng
RT: 22.716 min Scan# 3425
Delta R.T. 0.005 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

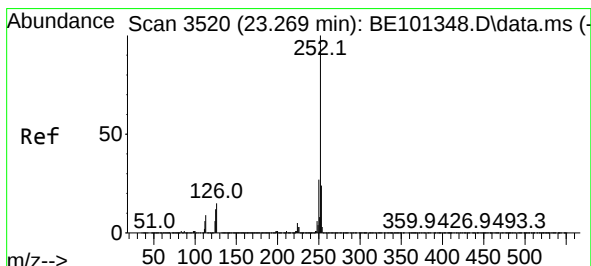
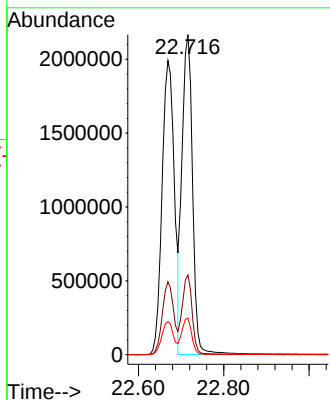
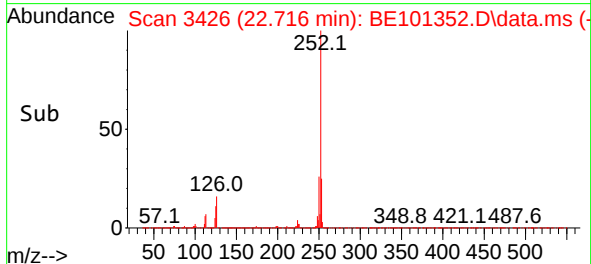
Instrument :
BNA_E
ClientSampleId :
ICVBE091724



Tgt Ion:252 Resp: 3705350
Ion Ratio Lower Upper
252 100
253 24.9 20.2 30.4
125 11.4 9.4 14.0

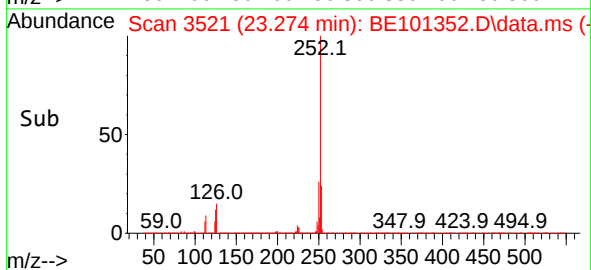
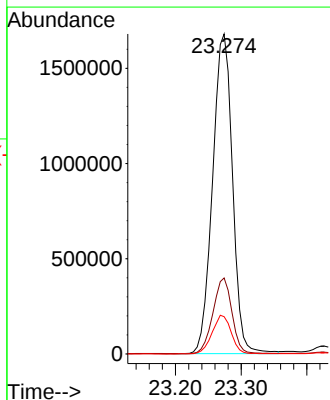
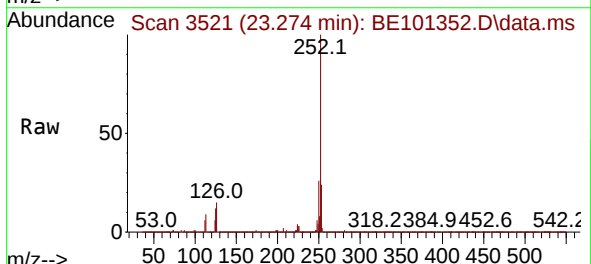
Manual Integrations
APPROVED

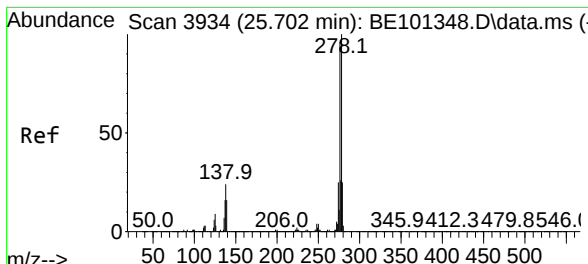
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/19/2024



#90
Benzo(a)pyrene
Concen: 40.927 ng
RT: 23.274 min Scan# 3521
Delta R.T. 0.005 min
Lab File: BE101352.D
Acq: 17 Sep 2024 15:34

Tgt Ion:252 Resp: 3528916
Ion Ratio Lower Upper
252 100
253 23.8 19.0 28.6
125 11.6 9.6 14.4





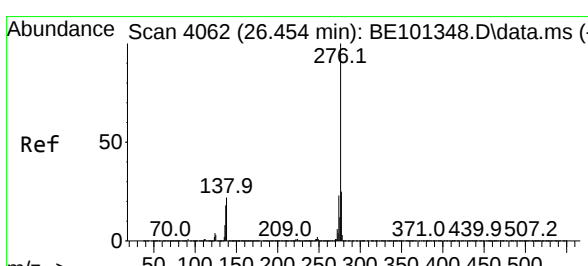
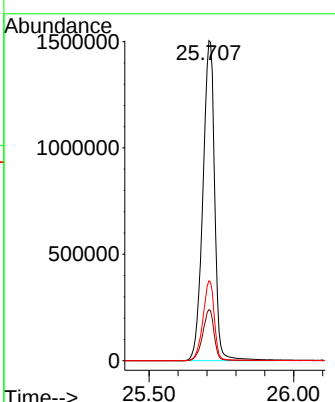
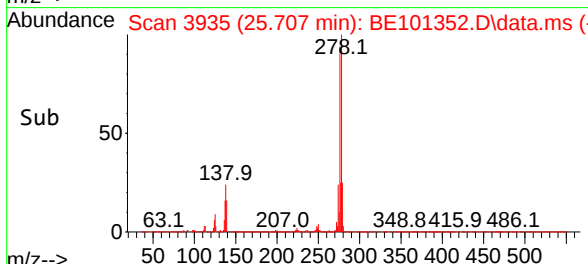
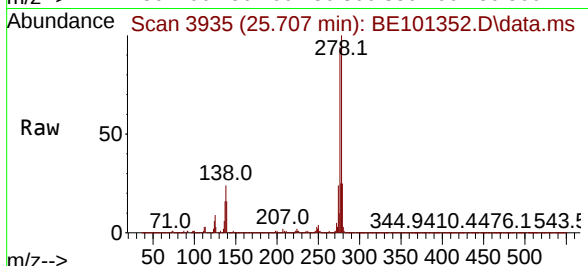
#91
 Dibenzo(a,h)anthracene
 Concen: 40.923 ng
 RT: 25.707 min Scan# 3934
 Delta R.T. 0.005 min
 Lab File: BE101352.D
 Acq: 17 Sep 2024 15:34

Instrument : BNA_E
 ClientSampleId : ICVBE091724

Tgt Ion: 278 Resp: 425804

Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.4	18.6
279	24.9	19.8	29.8

Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 09/19/2024
 Supervised By :mohammad ahmed 09/19/2024



#92
 Benzo(g,h,i)perylene
 Concen: 40.519 ng
 RT: 26.464 min Scan# 4064
 Delta R.T. 0.011 min
 Lab File: BE101352.D
 Acq: 17 Sep 2024 15:34

Tgt Ion: 276 Resp: 4280892

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.8	29.8
138	20.3	17.4	26.0

