

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110524\
 Data File : BE101474.D
 Acq On : 5 Nov 2024 12:09
 Operator : RC/JU
 Sample : PB164639BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB164639BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/06/2024
 Supervised By :mohammad ahmed 11/06/2024

Quant Time: Nov 05 12:03:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 29 01:26:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.570	152	58093	20.000	ng	0.00
21) Naphthalene-d8	10.338	136	260393	20.000	ng	0.00
39) Acenaphthene-d10	14.180	164	175308	20.000	ng	0.00
64) Phenanthrene-d10	16.918	188	370232	20.000	ng	0.00
76) Chrysene-d12	21.078	240	432772	20.000	ng	0.00
86) Perylene-d12	23.369	264	625016	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.320	112	546804	164.971	ng	0.00
7) Phenol-d6	6.953	99	701741	152.686	ng	0.00
23) Nitrobenzene-d5	8.781	82	420026	101.314	ng	0.00
42) 2,4,6-Tribromophenol	15.690	330	471921	153.591	ng	0.00
45) 2-Fluorobiphenyl	12.805	172	1114997	107.713	ng	0.00
79) Terphenyl-d14	19.509	244	2003089	106.528	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.205	88	50368	40.743	ng	98
3) Pyridine	3.622	79	135845m	38.840	ng	
4) n-Nitrosodimethylamine	3.551	42	67923	50.192	ng	97
6) Aniline	7.006	93	239259	67.928	ng	96
8) 2-Chlorophenol	7.212	128	207532	52.204	ng	99
9) Benzaldehyde	6.777	77	26193	11.806	ng	99
10) Phenol	6.977	94	270172	54.179	ng	98
11) bis(2-Chloroethyl)ether	7.035	93	166303	40.653	ng	99
12) 1,3-Dichlorobenzene	7.459	146	199212	46.472	ng	98
13) 1,4-Dichlorobenzene	7.600	146	205822	47.018	ng	100
14) 1,2-Dichlorobenzene	7.929	146	200307	46.747	ng	99
15) Benzyl Alcohol	7.911	79	140248	51.194	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.064	45	249923	48.546	ng	99
17) 2-Methylphenol	8.152	107	166511	49.336	ng	99
18) Hexachloroethane	8.628	117	69610	48.694	ng	96
19) n-Nitroso-di-n-propyla...	8.369	70	148289	48.622	ng	99
20) 3+4-Methylphenols	8.493	107	233141	50.043	ng	98
22) Acetophenone	8.422	105	288989	48.878	ng	# 98
24) Nitrobenzene	8.822	77	209169	47.403	ng	98
25) Isophorone	9.274	82	399603	49.394	ng	99
26) 2-Nitrophenol	9.509	139	116679	54.710	ng	98
27) 2,4-Dimethylphenol	9.627	122	173995	64.835	ng	98
28) bis(2-Chloroethoxy)met...	9.768	93	247011	50.347	ng	99
29) 2,4-Dichlorophenol	10.061	162	199819	53.820	ng	100
30) 1,2,4-Trichlorobenzene	10.185	180	190295	47.050	ng	99
31) Naphthalene	10.385	128	629933	47.473	ng	99
32) Benzoic acid	9.897	122	52790	24.065	ng	97
33) 4-Chloroaniline	10.608	127	166911	36.173	ng	99
34) Hexachlorobutadiene	10.631	225	116847	48.808	ng	97
35) Caprolactam	11.401	113	66412m	46.665	ng	
36) 4-Chloro-3-methylphenol	11.789	107	209316	49.516	ng	99
37) 2-Methylnaphthalene	11.977	142	458604	47.972	ng	99
38) 1-Methylnaphthalene	12.200	142	431037	45.176	ng	99
40) 1,2,4,5-Tetrachloroben...	12.335	216	226675	51.507	ng	99
41) Hexachlorocyclopentadiene	12.312	237	296230	203.815	ng	99
43) 2,4,6-Trichlorophenol	12.652	196	168099	55.407	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.758	196	184459	53.093	ng	100
46) 1,1'-Biphenyl	13.005	154	602169	50.136	ng	99
47) 2-Chloronaphthalene	13.052	162	468284	49.350	ng	99
48) 2-Nitroaniline	13.387	65	136168	53.322	ng	94
49) Acenaphthylene	13.916	152	766269	54.606	ng	99
50) Dimethylphthalate	13.687	163	624313	50.452	ng	99
51) 2,6-Dinitrotoluene	13.822	165	137600	48.163	ng	99
52) Acenaphthene	14.245	154	459124	50.106	ng	99
53) 3-Nitroaniline	14.233	138	107147	37.717	ng	98
54) 2,4-Dinitrophenol	14.374	184	172420	84.591	ng	99
55) Dibenzofuran	14.585	168	738512	50.567	ng	98
56) 4-Nitrophenol	14.656	139	246011	94.563	ng	99
57) 2,4-Dinitrotoluene	14.609	165	195238	49.638	ng	98
58) Fluorene	15.226	166	602183	49.288	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.856	232	167641	52.225	ng	98
60) Diethylphthalate	15.014	149	636575	49.181	ng	99
61) 4-Chlorophenyl-phenyle...	15.208	204	299829	49.455	ng	98
62) 4-Nitroaniline	15.420	138	145455	46.013	ng	98
63) Azobenzene	15.508	77	550789	49.506	ng	99
65) 4,6-Dinitro-2-methylph...	15.355	198	116521	53.560	ng	97
66) n-Nitrosodiphenylamine	15.461	169	541118	55.114	ng	100
67) 4-Bromophenyl-phenylether	16.095	248	209317	53.746	ng	97
68) Hexachlorobenzene	16.207	284	266421	52.190	ng	97
69) Atrazine	16.395	200	195284	64.878	ng	99
70) Pentachlorophenol	16.613	266	307472	104.639	ng	99
71) Phenanthrene	16.959	178	942651	53.178	ng	98
72) Anthracene	17.047	178	978854	56.553	ng	98
73) Carbazole	17.376	167	906913	51.208	ng	98
74) Di-n-butylphthalate	17.823	149	1117663	57.325	ng	98
75) Fluoranthene	18.963	202	1127414	52.365	ng	97
77) Benzidine	19.215	184	493124	89.780	ng	99
78) Pyrene	19.333	202	1205586	50.657	ng	97
80) Butylbenzylphthalate	20.179	149	562726	53.936	ng	99
81) Benzo(a)anthracene	21.060	228	1358634	55.854	ng	97
82) 3,3'-Dichlorobenzidine	21.031	252	429071	45.029	ng	99
83) Chrysene	21.119	228	1294145	55.027	ng	95
84) Bis(2-ethylhexyl)phtha...	20.884	149	862140	62.203	ng	99
85) Di-n-octyl phthalate	21.730	149	1576603	69.306	ng	98
87) Indeno(1,2,3-cd)pyrene	25.714	276	2303290	55.065	ng	99
88) Benzo(b)fluoranthene	22.664	252	1626650	49.940	ng	98
89) Benzo(k)fluoranthene	22.705	252	1660147	54.555	ng	97
90) Benzo(a)pyrene	23.264	252	1615365	56.707	ng	98
91) Dibenzo(a,h)anthracene	25.702	278	1895824	54.851	ng	99
92) Benzo(g,h,i)perylene	26.460	276	1736882	48.772	ng	99

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

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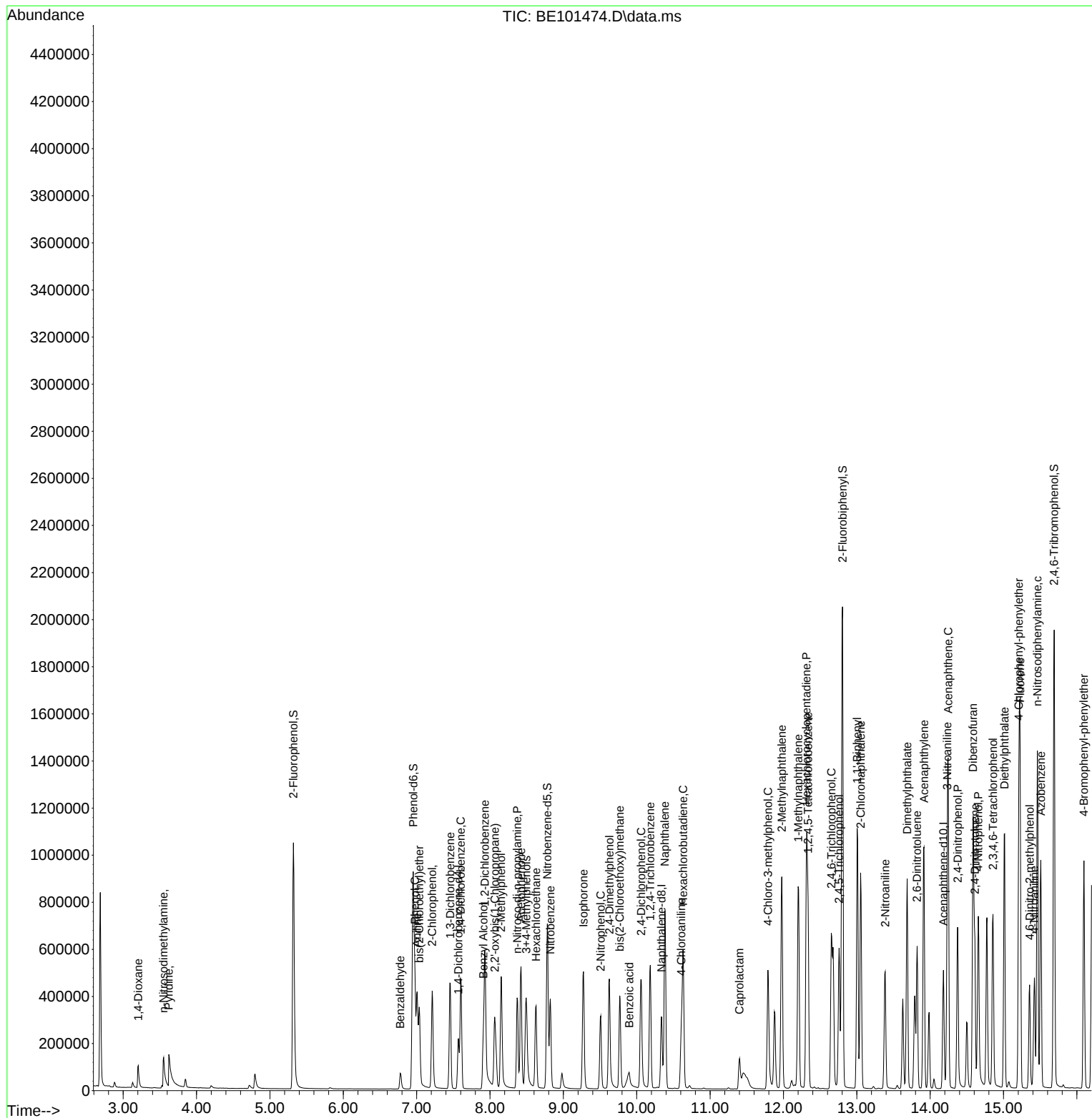
Manual Integrations

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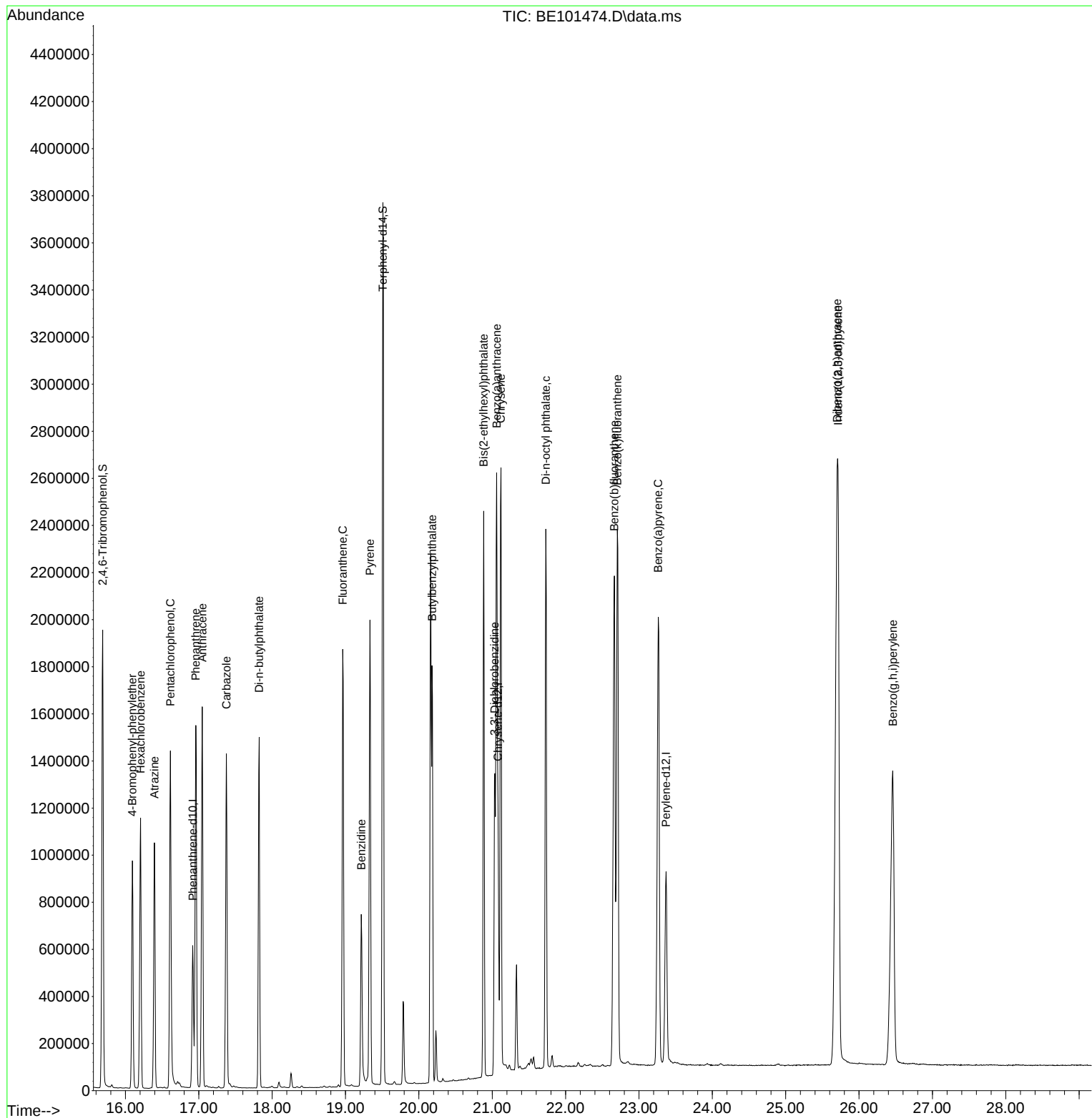
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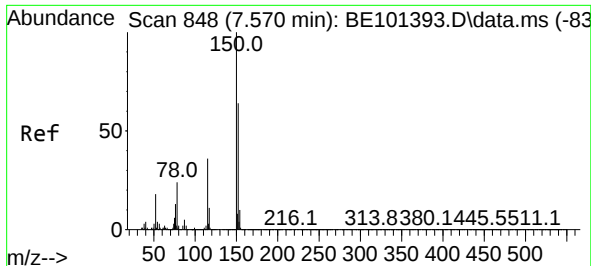
Instrument :
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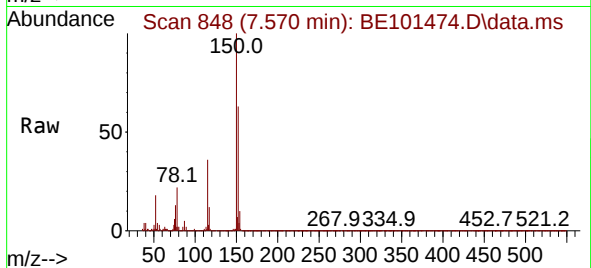
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.570 min Scan# 848
Delta R.T. 0.000 min
Lab File: BE101474.D
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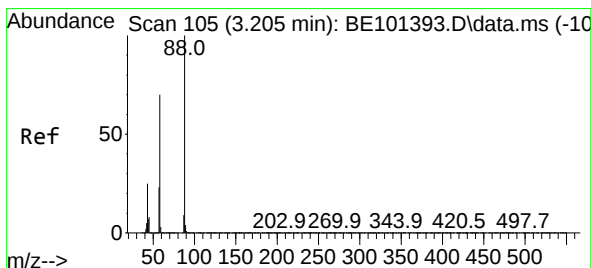
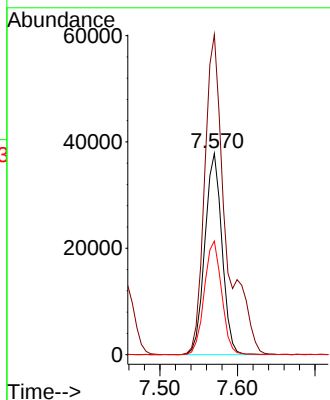
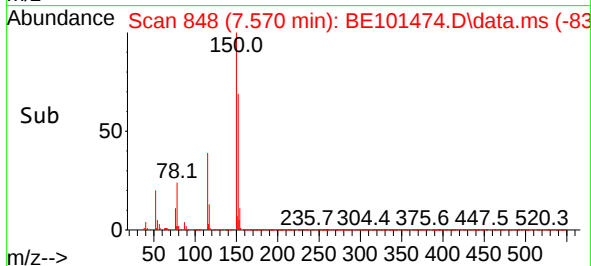
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BNA_E
ClientSampleId :
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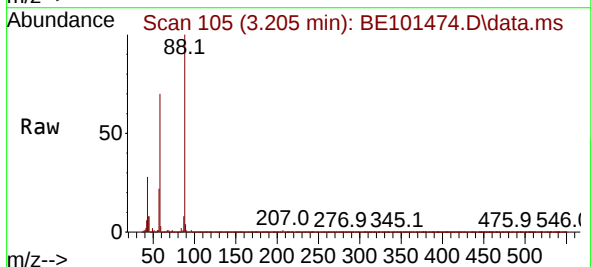
Tgt Ion:152 Resp: 5809
Ion Ratio Lower Upper
152 100
150 159.0 124.2 186.4
115 56.5 45.3 67.9

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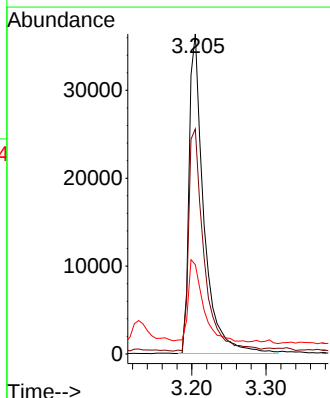
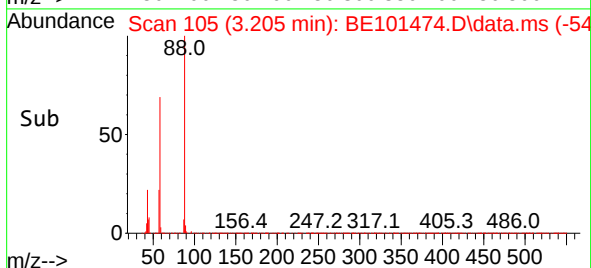
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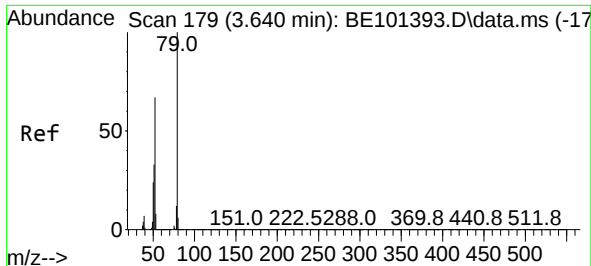


#2
1,4-Dioxane
Concen: 40.743 ng
RT: 3.205 min Scan# 105
Delta R.T. -0.000 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09



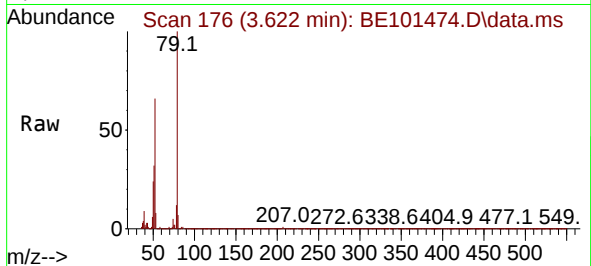
Tgt Ion: 88 Resp: 50368
Ion Ratio Lower Upper
88 100
58 71.9 56.5 84.7
43 26.0 19.8 29.8





#3
Pyridine
Concen: 38.840 ng m
RT: 3.622 min Scan# 1
Delta R.T. -0.018 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

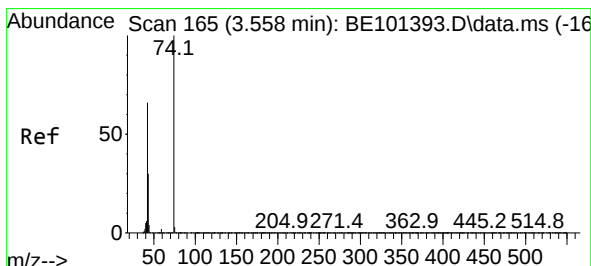
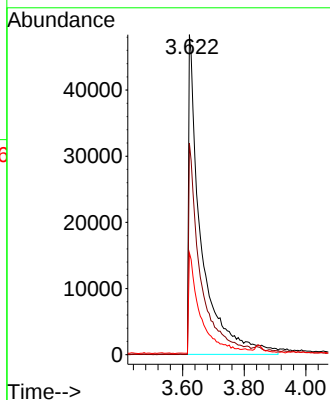
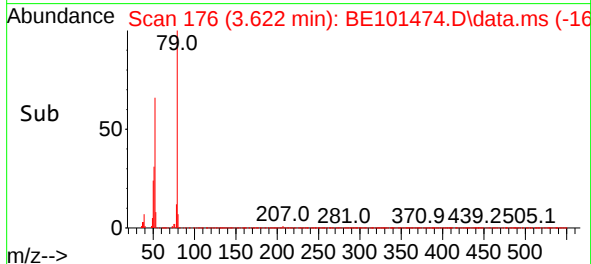
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Tgt Ion: 79 Resp: 13584
Ion Ratio Lower Upper
79 100
52 66.0 53.3 79.9
51 31.8 27.3 40.9

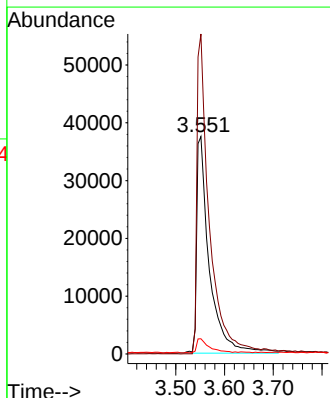
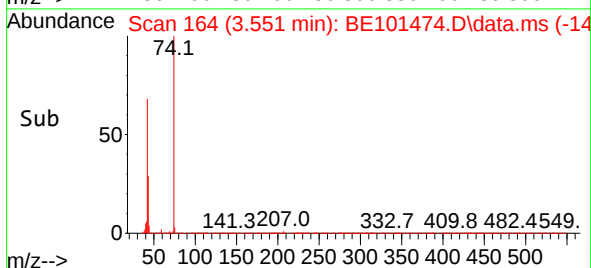
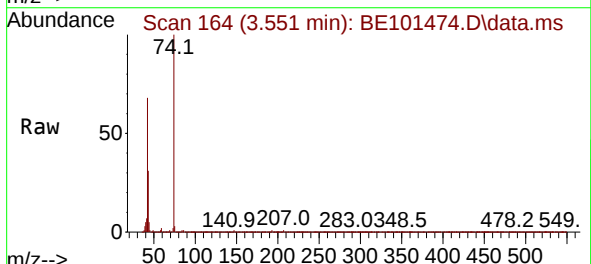
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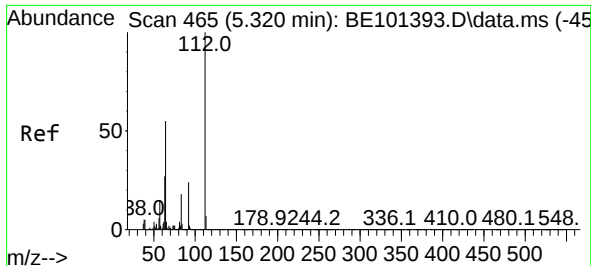
Reviewed By :Yogesh Patel 11/06/2024
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#4
n-Nitrosodimethylamine
Concen: 50.192 ng
RT: 3.551 min Scan# 164
Delta R.T. -0.006 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

Tgt Ion: 42 Resp: 67923
Ion Ratio Lower Upper
42 100
74 147.2 121.4 182.0
44 7.0 5.6 8.4





#5
2-Fluorophenol
Concen: 164.971 ng
RT: 5.320 min Scan# 465
Delta R.T. -0.000 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

Instrument :

BNA_E

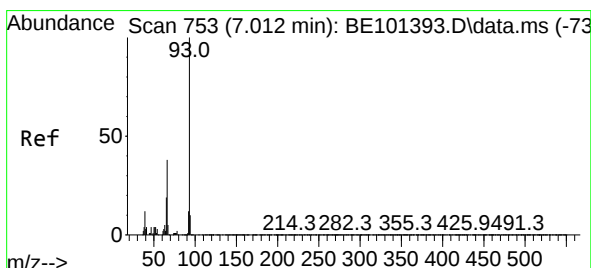
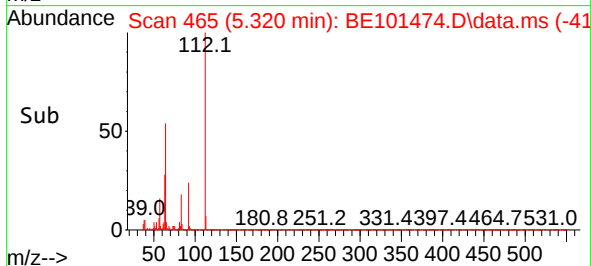
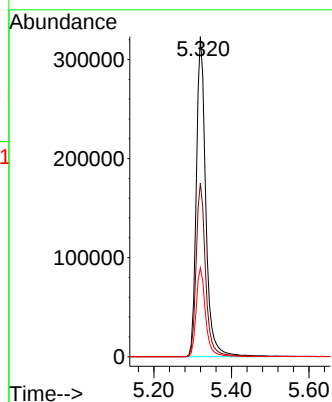
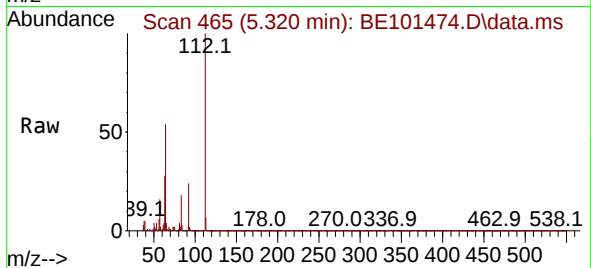
ClientSampleId :

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Tgt Ion:112 Resp: 546804
Ion Ratio Lower Upper
112 100
64 54.2 43.7 65.5
63 27.8 21.4 32.2

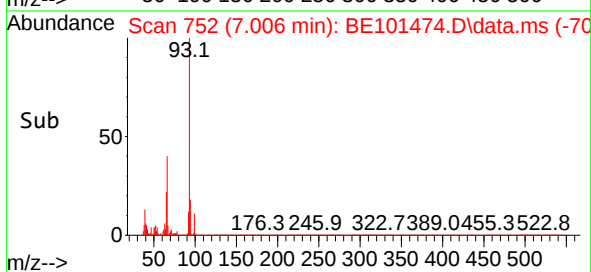
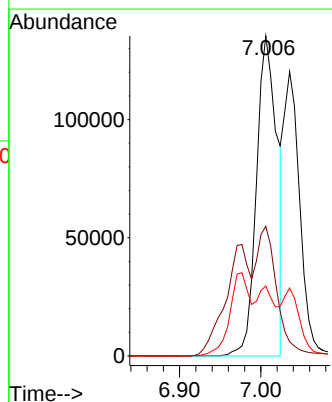
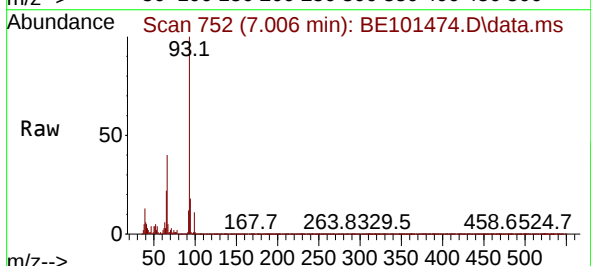
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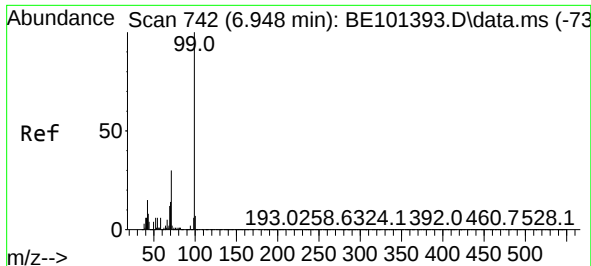
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#6
Aniline
Concen: 67.928 ng
RT: 7.006 min Scan# 752
Delta R.T. -0.006 min
Lab File: BE101474.D
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Tgt Ion: 93 Resp: 239259
Ion Ratio Lower Upper
93 100
66 40.5 31.0 46.4
65 21.8 15.5 23.3





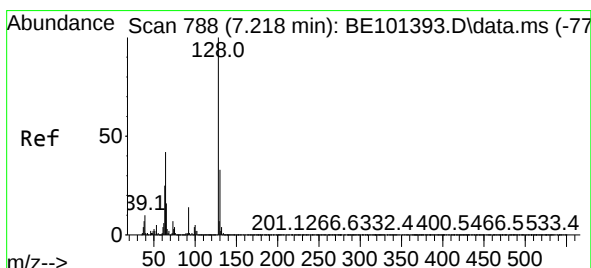
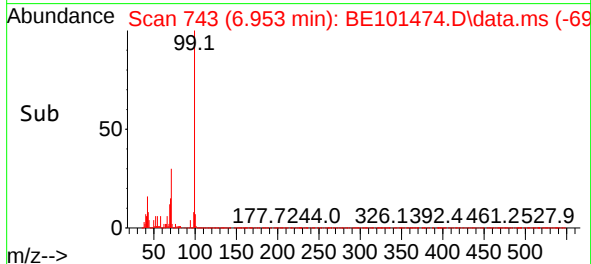
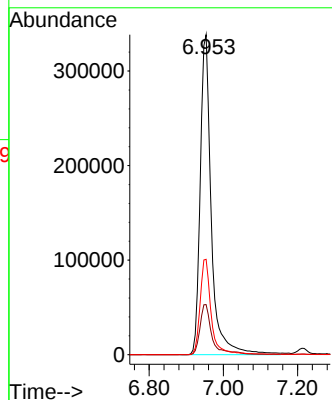
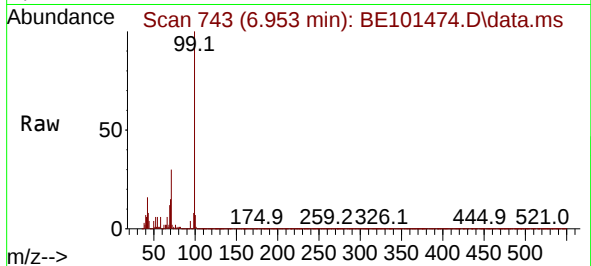
#7
Phenol-d6
Concen: 152.686 ng
RT: 6.953 min Scan# 742
Delta R.T. 0.006 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

Instrument :
BNA_E
ClientSampleId :
PB164639BS

Tgt Ion: 99 Resp: 70174
Ion Ratio Lower Upper
99 100
42 15.7 12.3 18.5
71 29.8 23.8 35.8

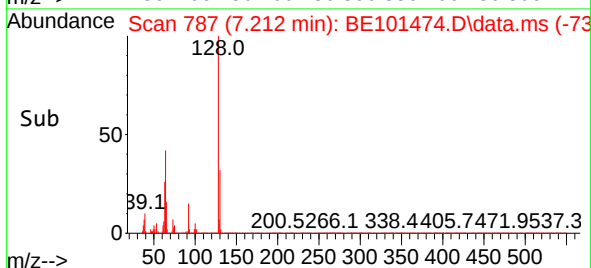
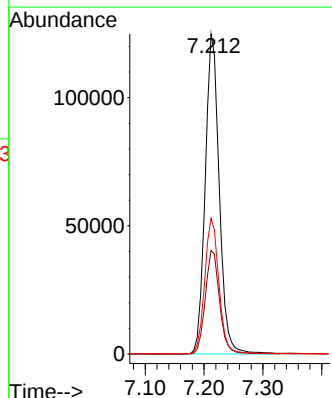
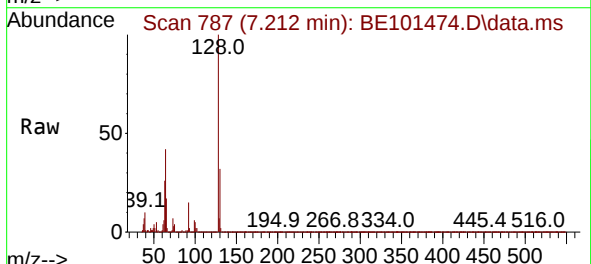
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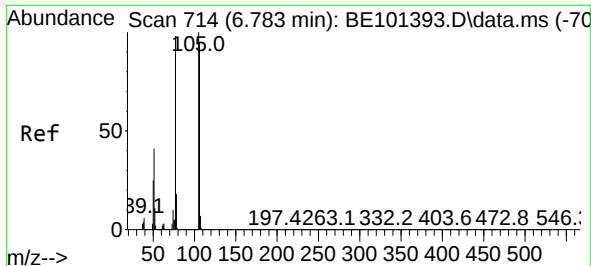
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#8
2-Chlorophenol
Concen: 52.204 ng
RT: 7.212 min Scan# 787
Delta R.T. -0.006 min
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Tgt Ion:128 Resp: 207532
Ion Ratio Lower Upper
128 100
130 32.3 12.9 52.9
64 42.4 22.3 62.3





#9

Benzaldehyde

Concen: 11.806 ng

RT: 6.777 min Scan# 714

Delta R.T. -0.006 min

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PB164639BS

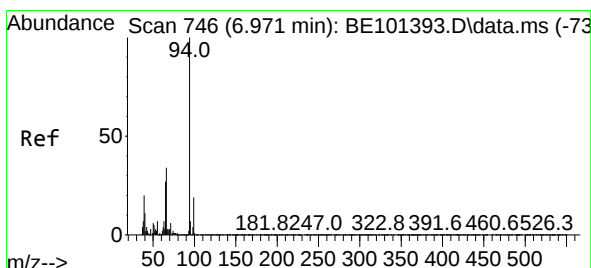
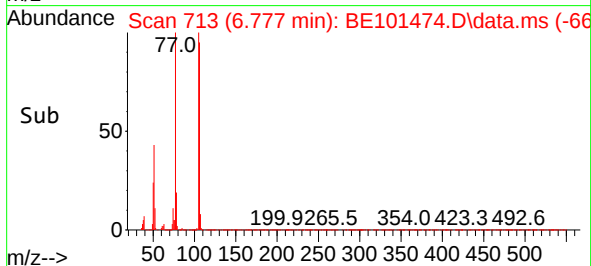
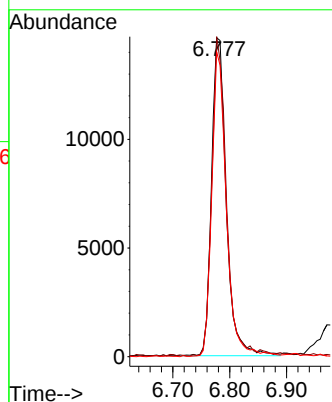
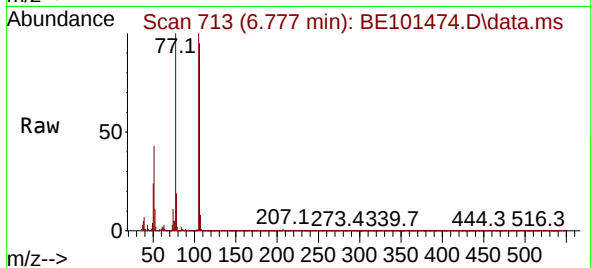
Tgt Ion: 77	Resp: 2619
Ion Ratio	Lower Upper
77 100	
105 100.3	81.9 121.9
106 95.5	76.5 116.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#10

Phenol

Concen: 54.179 ng

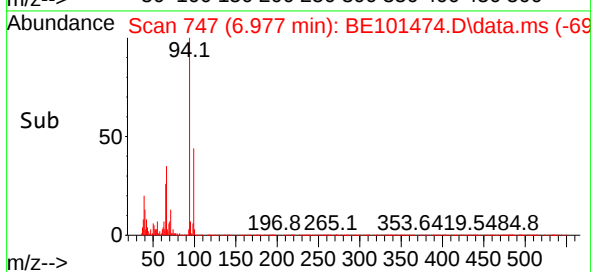
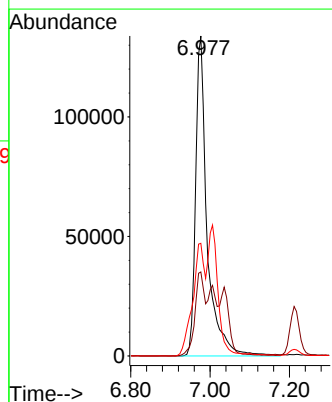
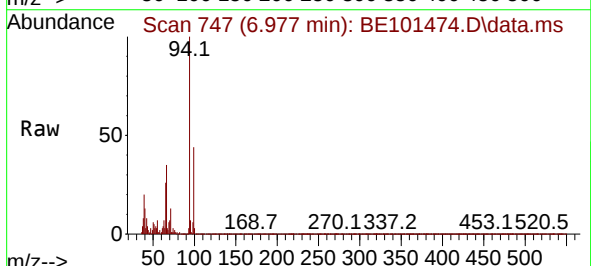
RT: 6.977 min Scan# 747

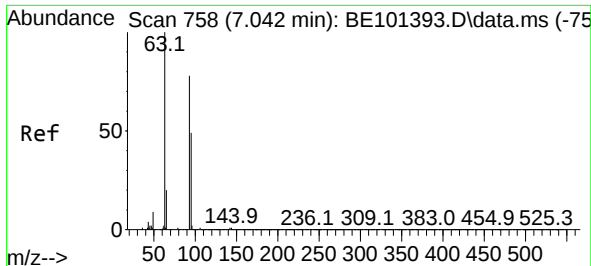
Delta R.T. 0.006 min

Lab File: BE101474.D

Acq: 5 Nov 2024 12:09

Tgt Ion: 94	Resp: 270172
Ion Ratio	Lower Upper
94 100	
65 26.3	6.8 46.8
66 35.2	14.0 54.0





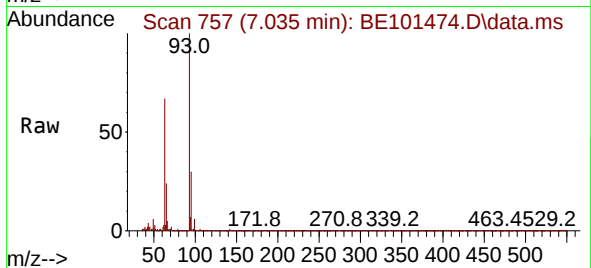
#11
bis(2-Chloroethyl)ether
Concen: 40.653 ng
RT: 7.035 min Scan# 758
Delta R.T. -0.006 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

Instrument :

BNA_E

ClientSampleId :

PB164639BS



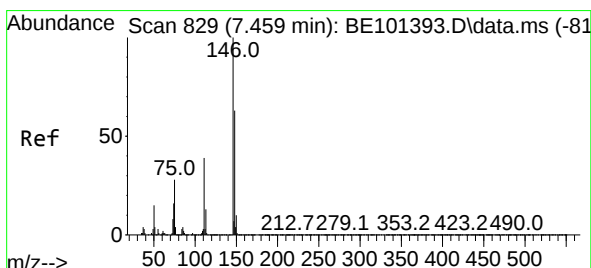
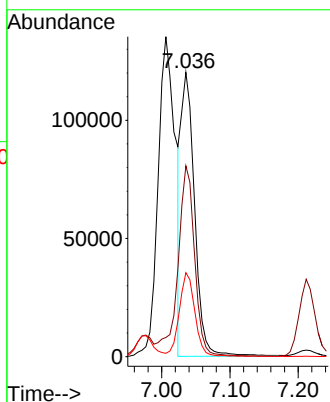
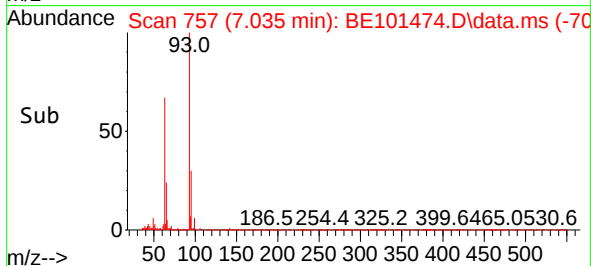
Tgt Ion: 93 Resp: 16630
Ion Ratio Lower Upper
93 100
63 67.2 46.3 86.3
95 29.6 9.6 49.6

Manual Integrations

APPROVED

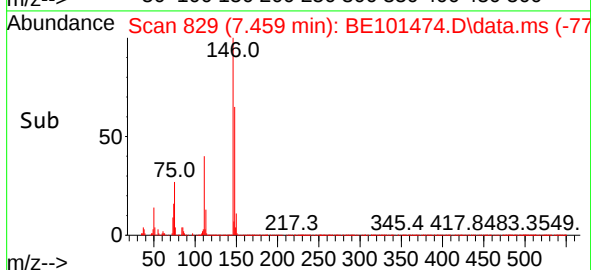
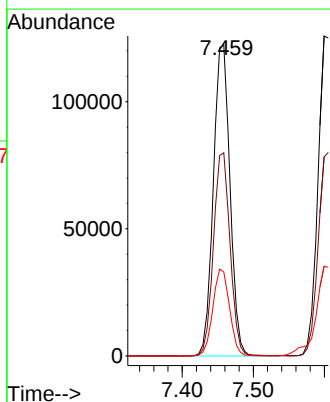
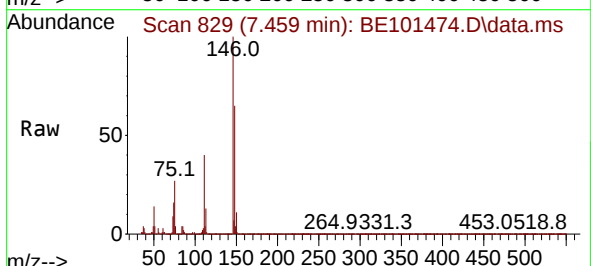
Reviewed By :Yogesh Patel 11/06/2024

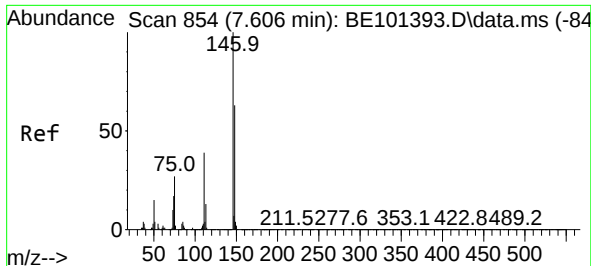
Supervised By :mohammad ahmed 11/06/2024



#12
1,3-Dichlorobenzene
Concen: 46.472 ng
RT: 7.459 min Scan# 829
Delta R.T. -0.000 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

Tgt Ion:146 Resp: 199212
Ion Ratio Lower Upper
146 100
148 65.4 50.5 75.7
75 27.0 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 47.018 ng

RT: 7.600 min Scan# 80

Delta R.T. -0.006 min

Lab File: BE101474.D

Acq: 5 Nov 2024 12:09

Instrument :

BNA_E

ClientSampleId :

PB164639BS

Tgt Ion:146 Resp: 20582

Ion Ratio Lower Upper

146 100

148 62.2 50.2 75.2

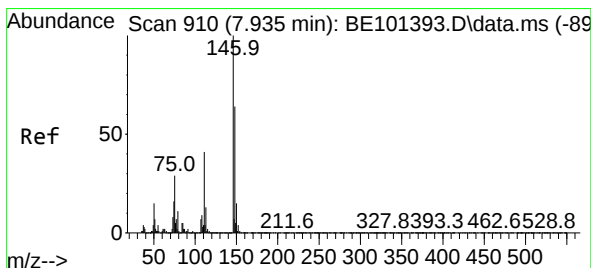
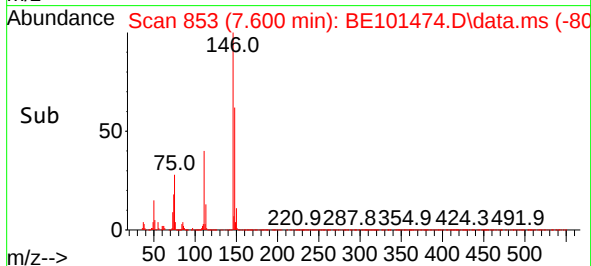
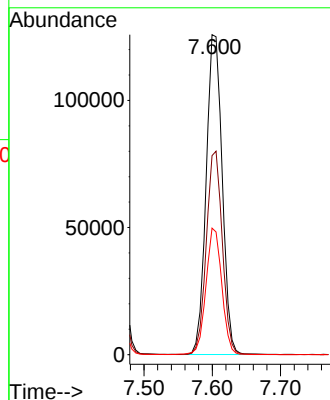
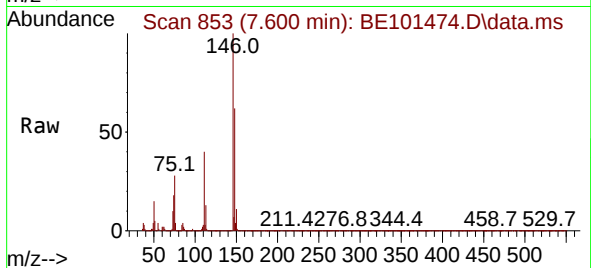
111 39.6 31.6 47.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#14

1,2-Dichlorobenzene

Concen: 46.747 ng

RT: 7.929 min Scan# 909

Delta R.T. -0.006 min

Lab File: BE101474.D

Acq: 5 Nov 2024 12:09

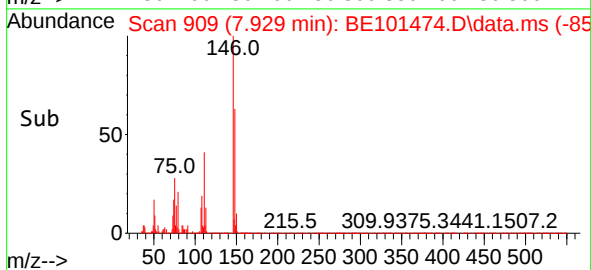
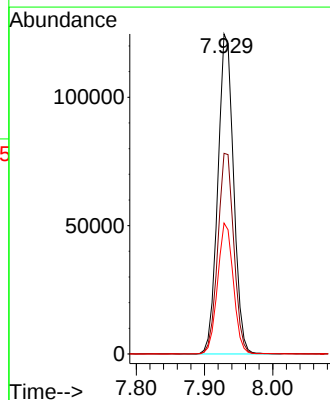
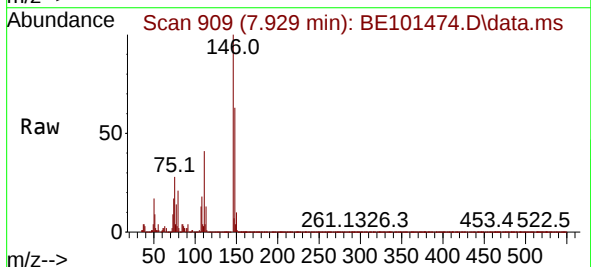
Tgt Ion:146 Resp: 200307

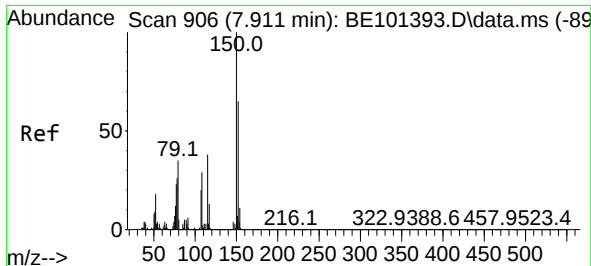
Ion Ratio Lower Upper

146 100

148 62.7 51.4 77.2

111 40.9 32.8 49.2





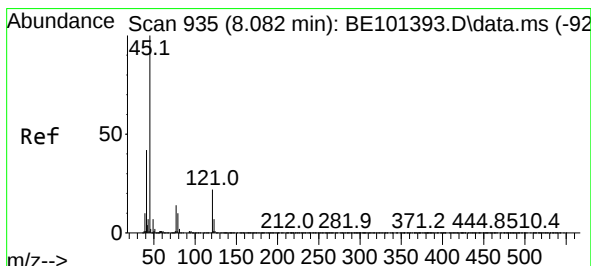
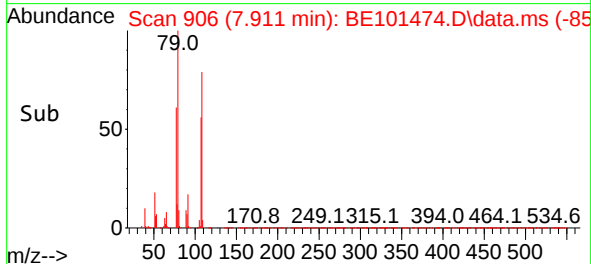
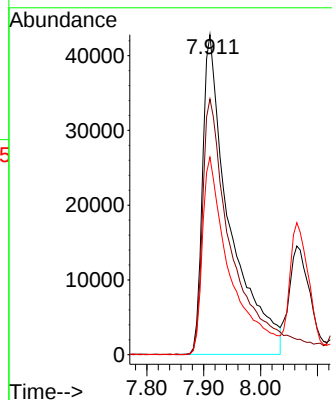
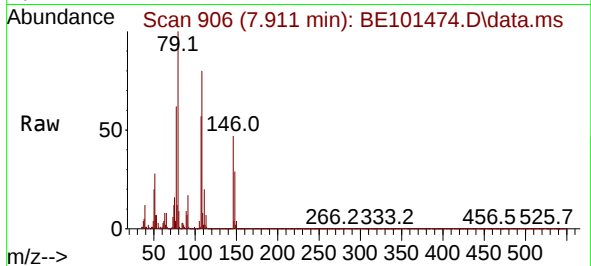
#15
Benzyl Alcohol
Concen: 51.194 ng
RT: 7.911 min Scan# 906
Delta R.T. -0.000 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

Instrument :
BNA_E
ClientSampleId :
PB164639BS

Tgt Ion: 79 Resp: 140248
Ion Ratio Lower Upper
79 100
108 79.9 66.1 99.1
77 61.7 53.1 79.7

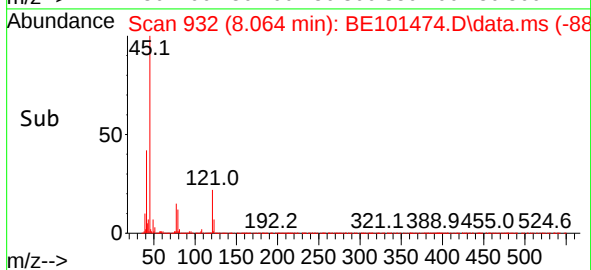
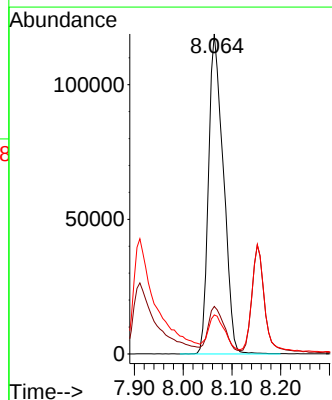
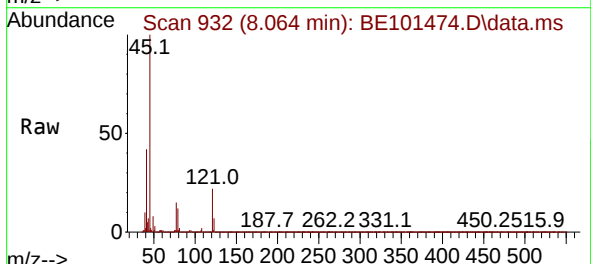
Manual Integrations
APPROVED

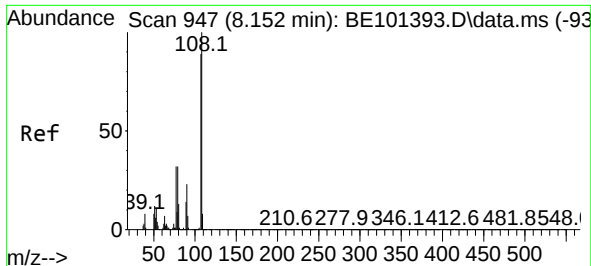
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.546 ng
RT: 8.064 min Scan# 932
Delta R.T. -0.018 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

Tgt Ion: 45 Resp: 249923
Ion Ratio Lower Upper
45 100
77 14.9 0.0 34.5
79 12.2 0.0 31.8





#17
2-Methylphenol
Concen: 49.336 ng
RT: 8.152 min Scan# 947
Delta R.T. -0.000 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

Instrument :

BNA_E

ClientSampleId :

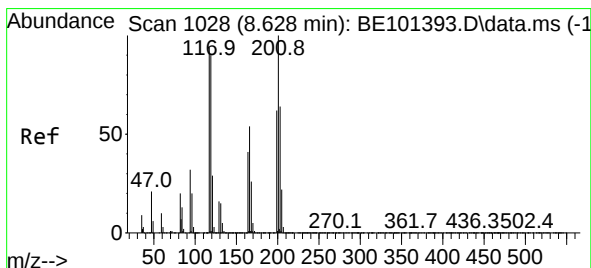
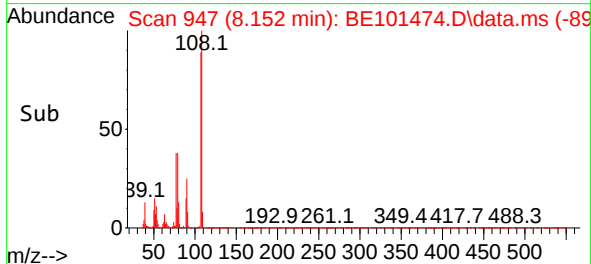
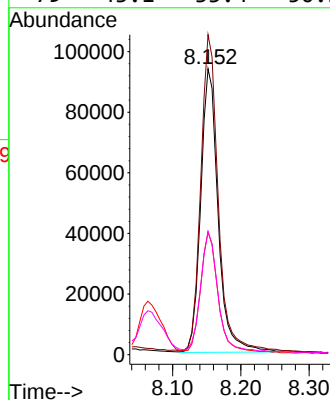
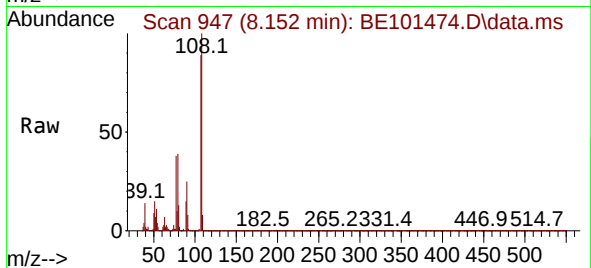
PB164639BS

Tgt Ion:107 Resp: 16651
Ion Ratio Lower Upper
107 100
108 111.9 90.0 135.0
77 42.9 34.2 51.4
79 43.1 33.4 50.2

Manual Integrations

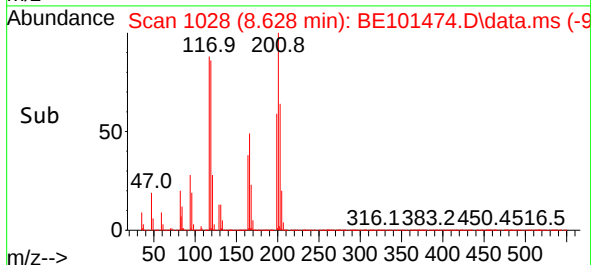
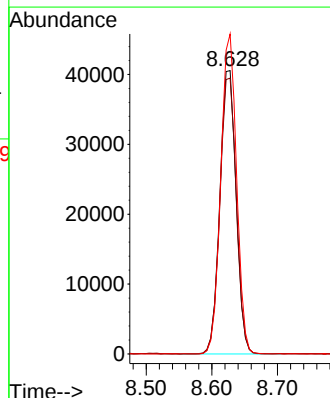
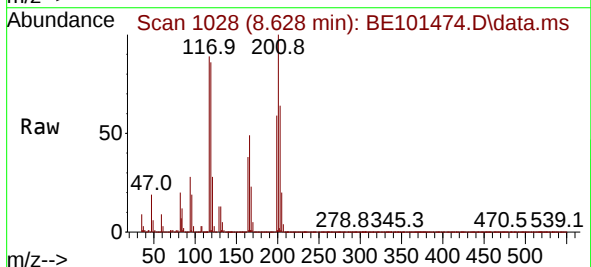
APPROVED

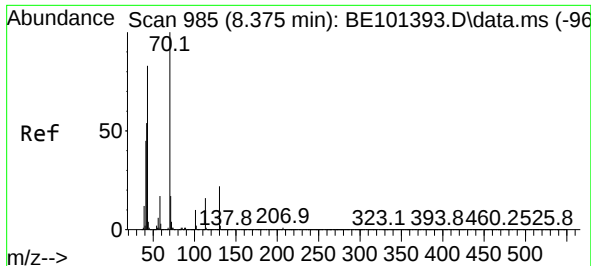
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#18
Hexachloroethane
Concen: 48.694 ng
RT: 8.628 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

Tgt Ion:117 Resp: 69610
Ion Ratio Lower Upper
117 100
119 97.3 77.0 115.4
201 112.9 85.3 127.9





#19
n-Nitroso-di-n-propylamine
Concen: 48.622 ng
RT: 8.369 min Scan# 985
Delta R.T. -0.006 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

Instrument :

BNA_E

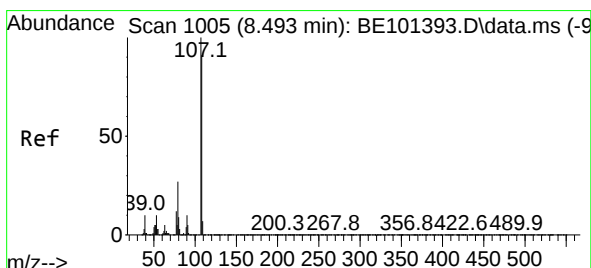
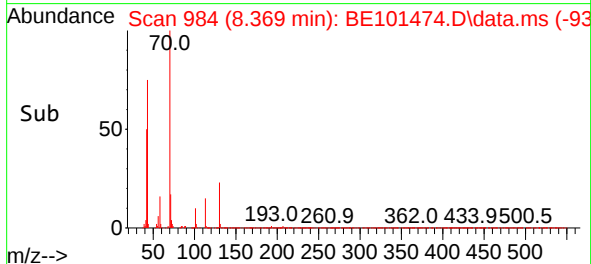
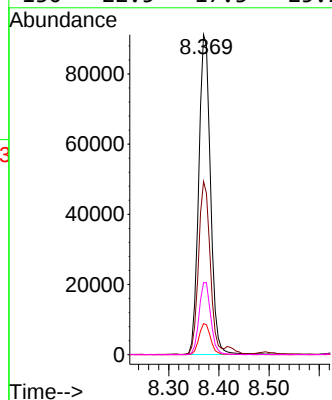
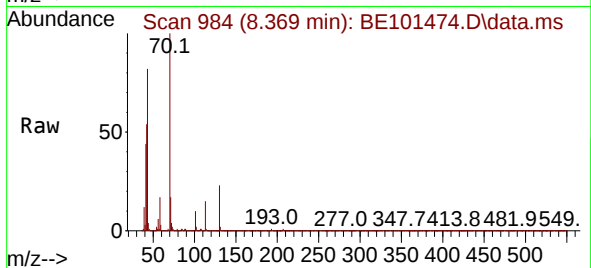
ClientSampleId :

PB164639BS

Tgt Ion: 70 Resp: 148289
Ion Ratio Lower Upper
70 100
42 54.1 43.4 65.0
101 9.7 8.1 12.1
130 22.5 17.3 25.9

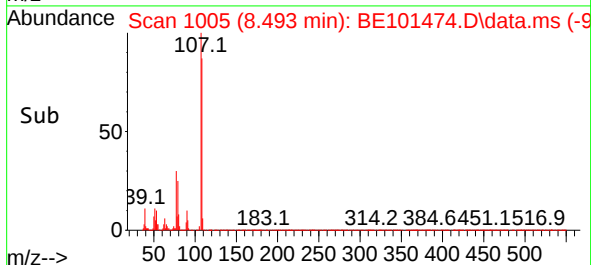
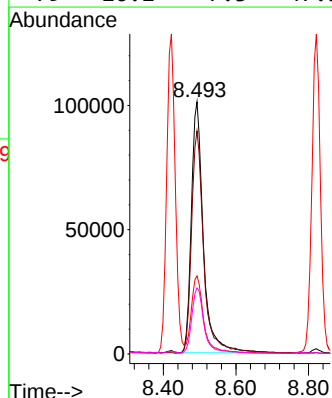
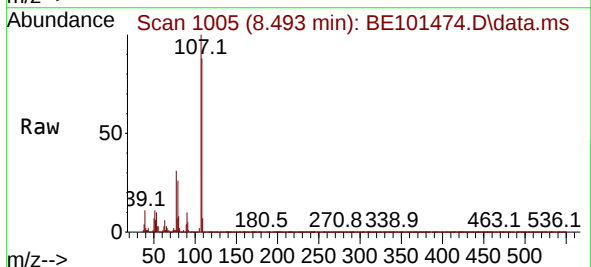
Manual Integrations
APPROVED

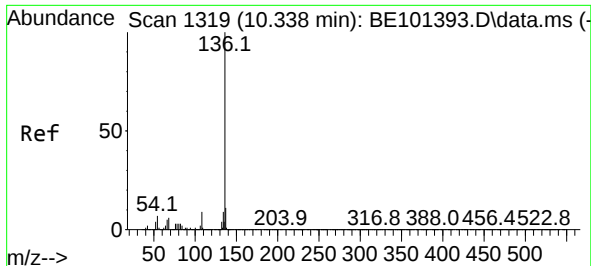
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#20
3+4-Methylphenols
Concen: 50.043 ng
RT: 8.493 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

Tgt Ion:107 Resp: 233141
Ion Ratio Lower Upper
107 100
108 88.5 70.6 110.6
77 31.0 11.3 51.3
79 26.2 7.3 47.3





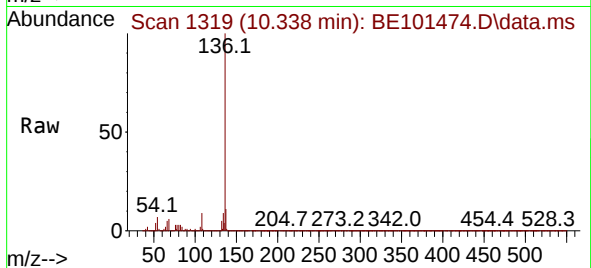
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.338 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

Instrument :

BNA_E

ClientSampleId :

PB164639BS



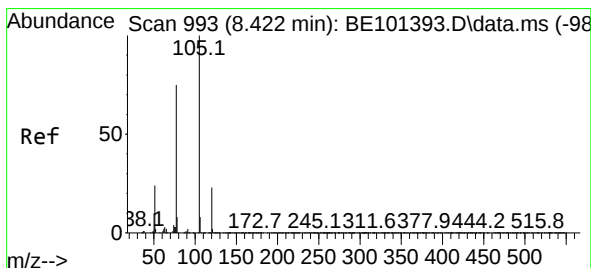
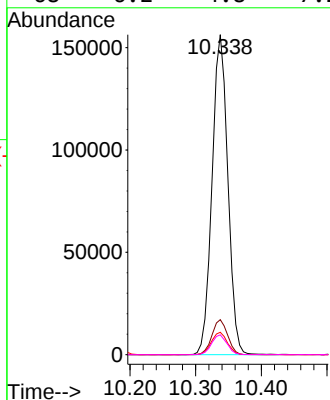
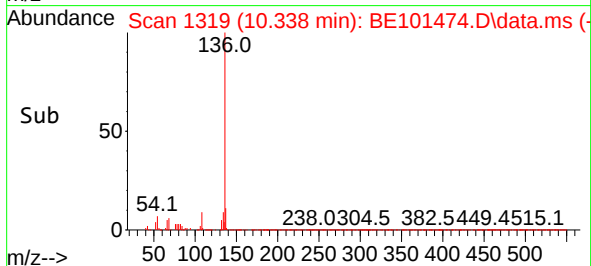
Tgt Ion:136 Resp: 260391
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 7.0 5.9 8.9
68 6.2 4.8 7.2

Manual Integrations

APPROVED

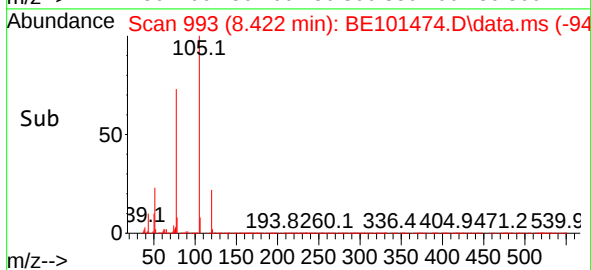
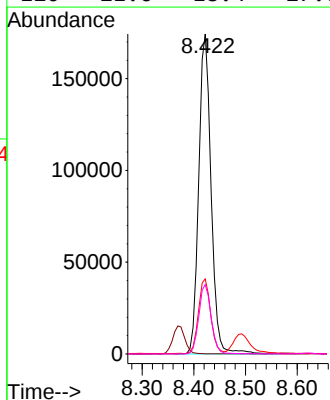
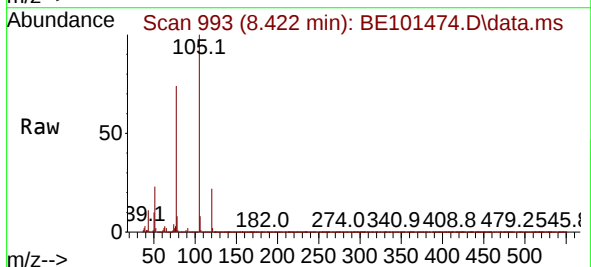
Reviewed By :Yogesh Patel 11/06/2024

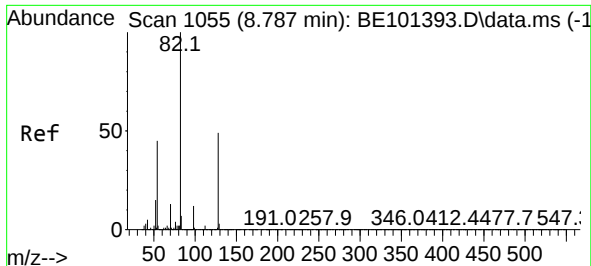
Supervised By :mohammad ahmed 11/06/2024



#22
Acetophenone
Concen: 48.878 ng
RT: 8.422 min Scan# 993
Delta R.T. -0.000 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

Tgt Ion:105 Resp: 288989
Ion Ratio Lower Upper
105 100
71 0.1 0.1 0.1#
51 23.4 19.4 29.0
120 21.6 18.4 27.6





#23
Nitrobenzene-d5
Concen: 101.314 ng
RT: 8.781 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

Instrument :

BNA_E

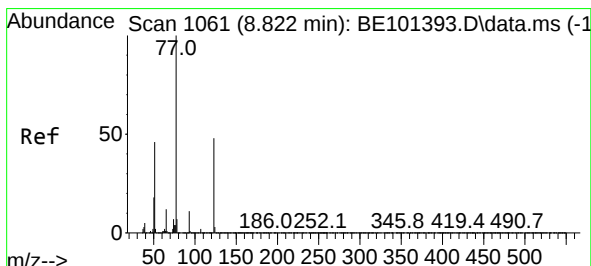
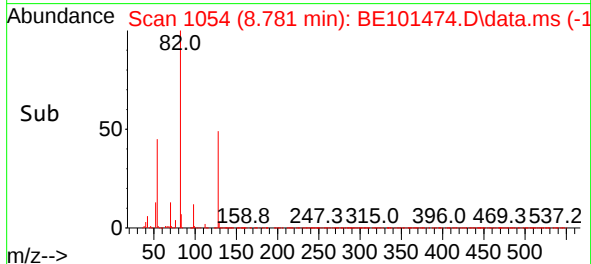
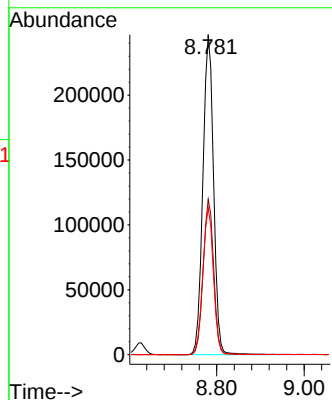
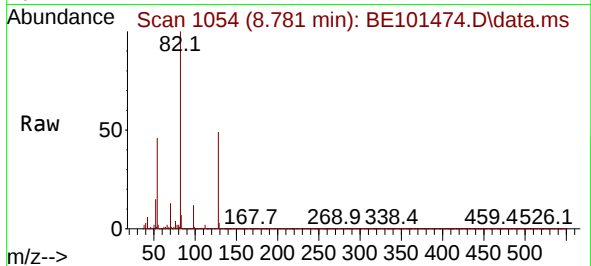
ClientSampleId :

PB164639BS

Tgt Ion: 82 Resp: 420020
Ion Ratio Lower Upper
82 100
128 48.5 38.9 58.3
54 45.9 36.2 54.4

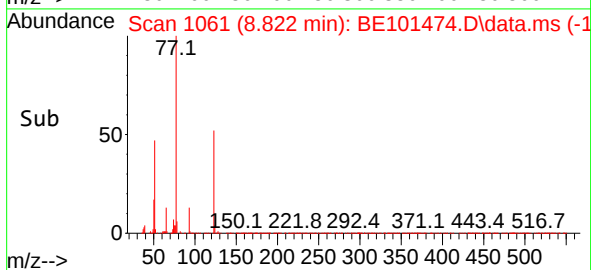
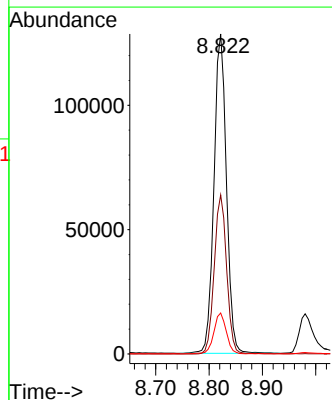
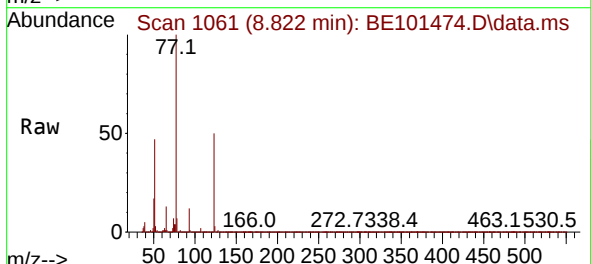
Manual Integrations
APPROVED

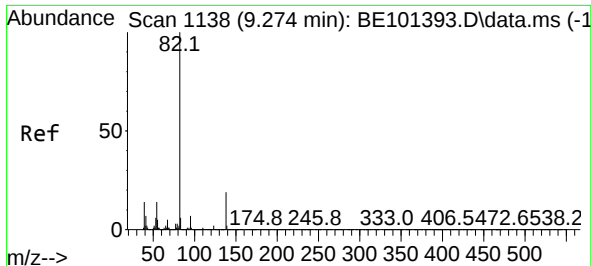
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#24
Nitrobenzene
Concen: 47.403 ng
RT: 8.822 min Scan# 1061
Delta R.T. -0.000 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

Tgt Ion: 77 Resp: 209169
Ion Ratio Lower Upper
77 100
123 49.7 38.7 58.1
65 12.8 10.0 15.0





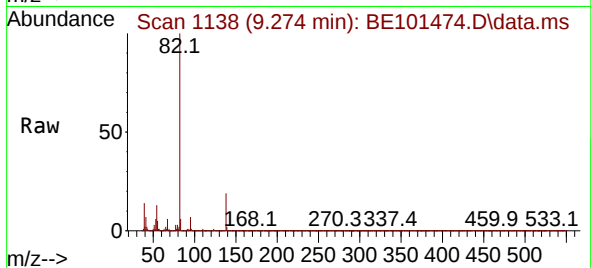
#25
Isophorone
Concen: 49.394 ng
RT: 9.274 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

Instrument :

BNA_E

ClientSampleId :

PB164639BS



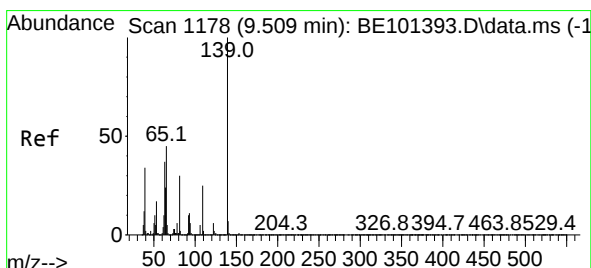
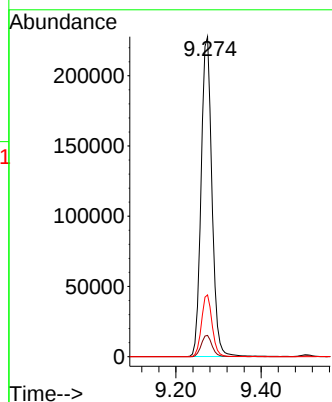
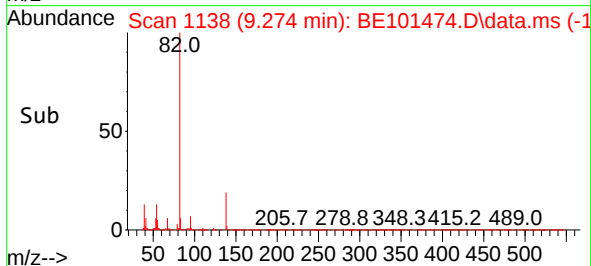
Tgt Ion: 82 Resp: 39960
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 19.3 15.0 22.4

Manual Integrations

APPROVED

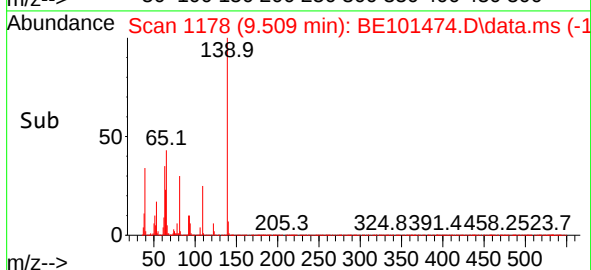
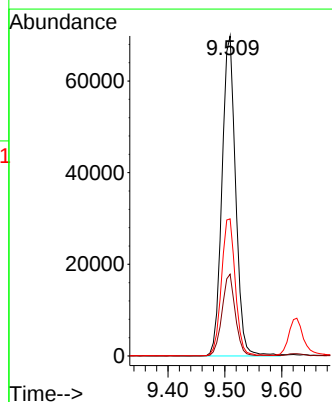
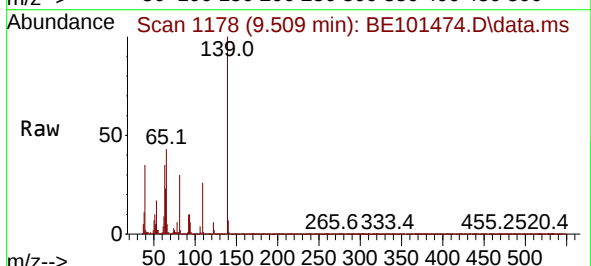
Reviewed By :Yogesh Patel 11/06/2024

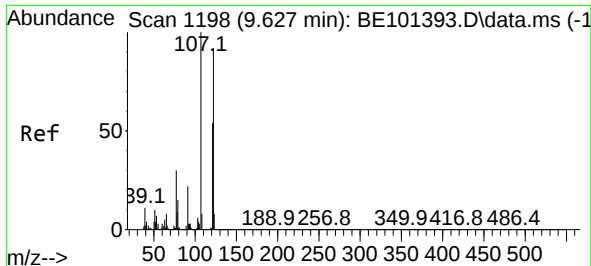
Supervised By :mohammad ahmed 11/06/2024



#26
2-Nitrophenol
Concen: 54.710 ng
RT: 9.509 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

Tgt Ion:139 Resp: 116679
Ion Ratio Lower Upper
139 100
109 25.5 20.1 30.1
65 42.9 36.0 54.0





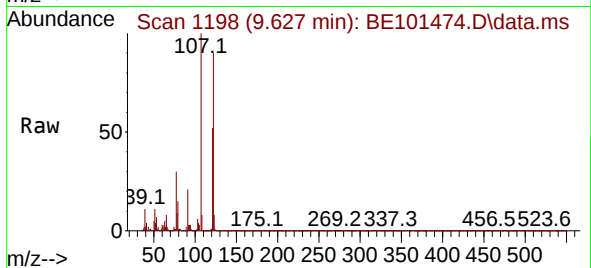
#27
2,4-Dimethylphenol
Concen: 64.835 ng
RT: 9.627 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

Instrument :

BNA_E

ClientSampleId :

PB164639BS



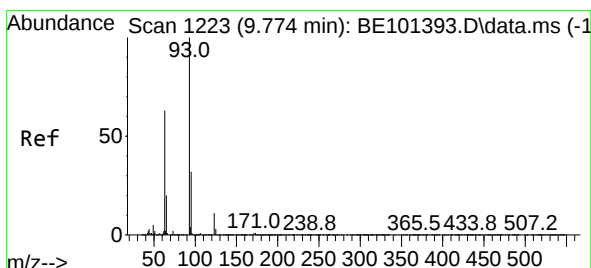
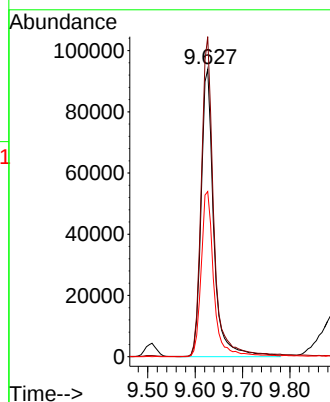
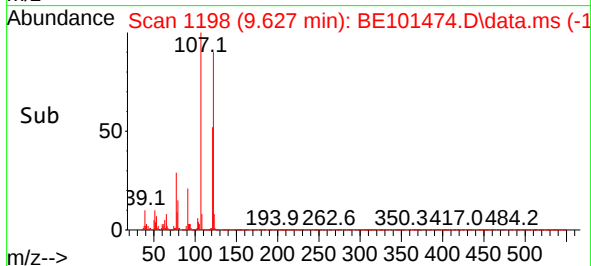
Tgt Ion:122 Resp: 173995
Ion Ratio Lower Upper
122 100
107 111.3 87.4 131.0
121 57.5 47.4 71.0

Manual Integrations

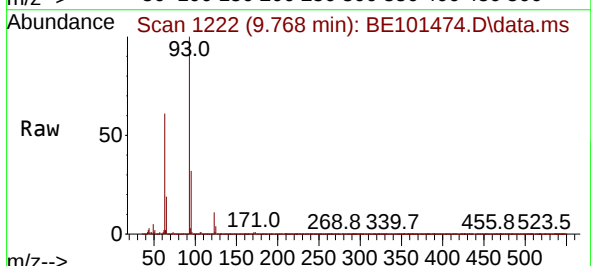
APPROVED

Reviewed By :Yogesh Patel 11/06/2024

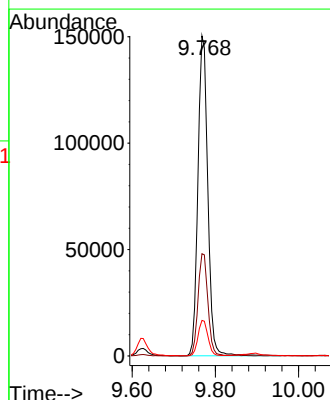
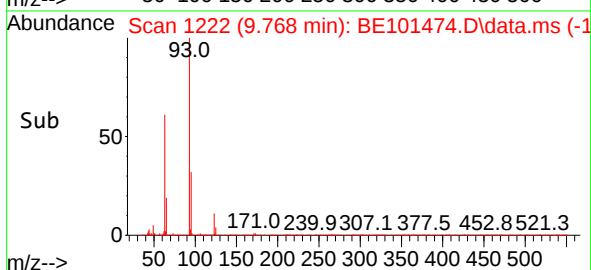
Supervised By :mohammad ahmed 11/06/2024

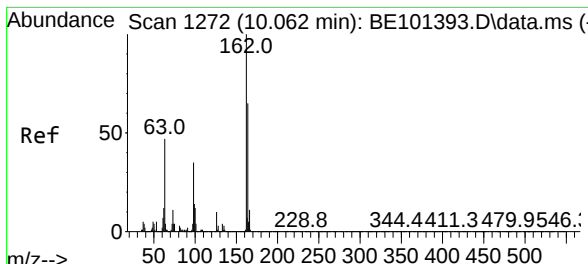


#28
bis(2-Chloroethoxy)methane
Concen: 50.347 ng
RT: 9.768 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09



Tgt Ion: 93 Resp: 247011
Ion Ratio Lower Upper
93 100
95 31.9 25.8 38.6
123 11.1 8.6 13.0





#29
2,4-Dichlorophenol
Concen: 53.820 ng
RT: 10.061 min Scan# 1272
Delta R.T. -0.000 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

Instrument :

BNA_E

ClientSampleId :

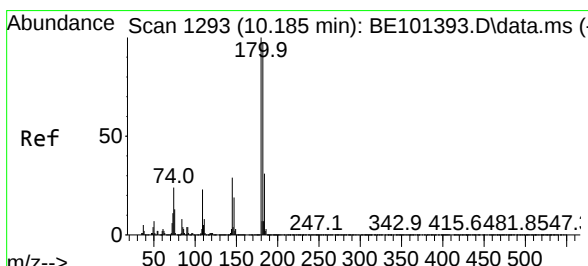
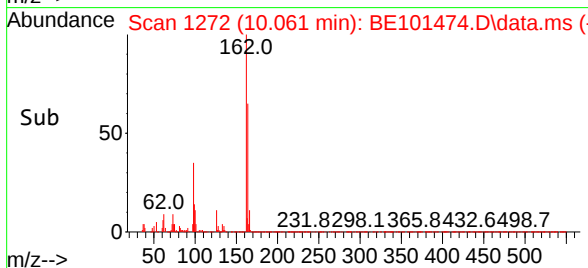
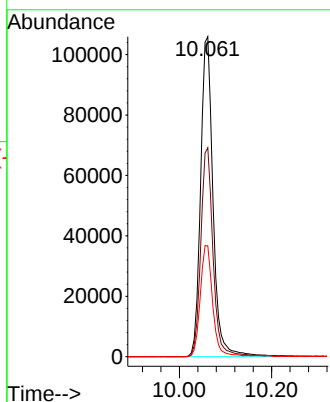
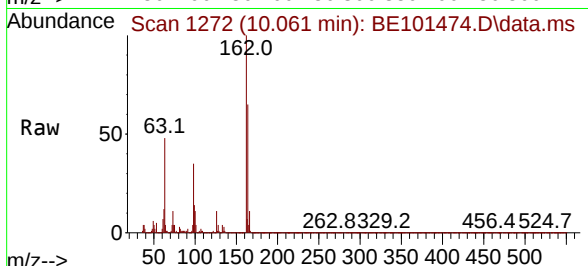
PB164639BS

Tgt Ion:162 Resp: 199819
Ion Ratio Lower Upper
162 100
164 65.3 45.4 85.4
98 34.7 14.5 54.5

Manual Integrations

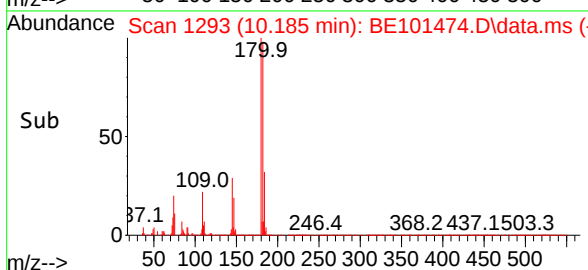
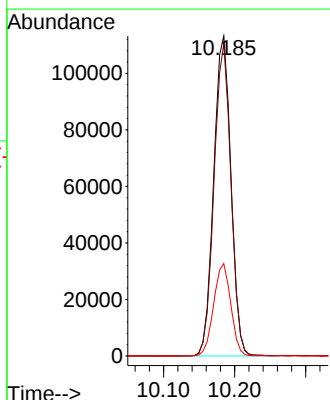
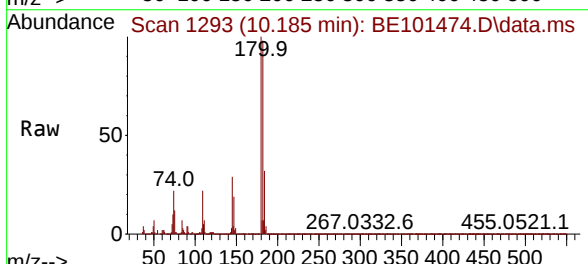
APPROVED

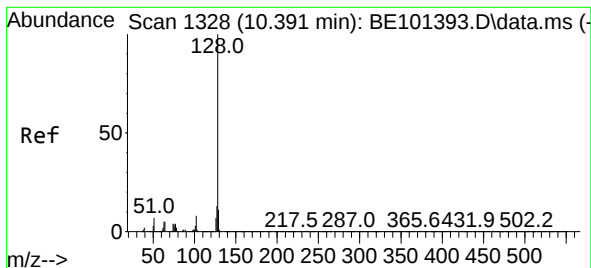
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#30
1,2,4-Trichlorobenzene
Concen: 47.050 ng
RT: 10.185 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

Tgt Ion:180 Resp: 190295
Ion Ratio Lower Upper
180 100
182 97.6 77.4 116.0
145 28.8 23.3 34.9





#31
Naphthalene
Concen: 47.473 ng
RT: 10.385 min Scan# 11
Delta R.T. -0.006 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

Instrument :

BNA_E

ClientSampleId :

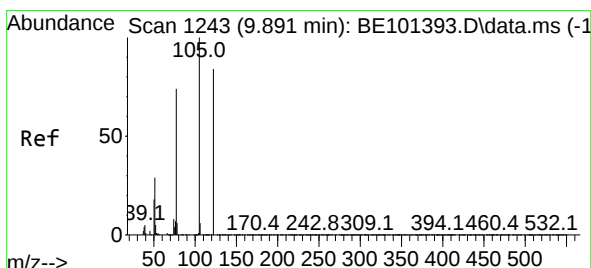
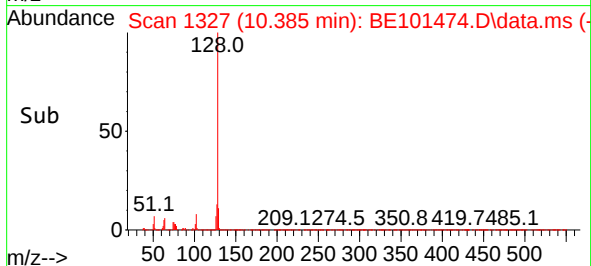
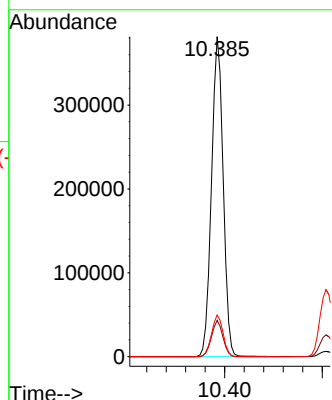
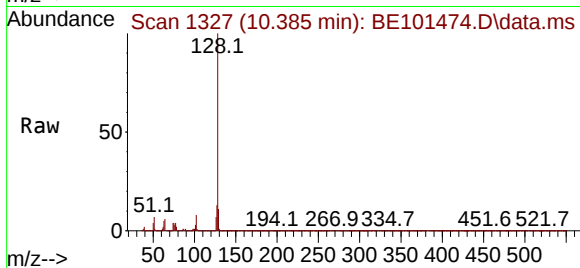
PB164639BS

Tgt Ion:128 Resp: 62993
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.1 10.3 15.5

Manual Integrations

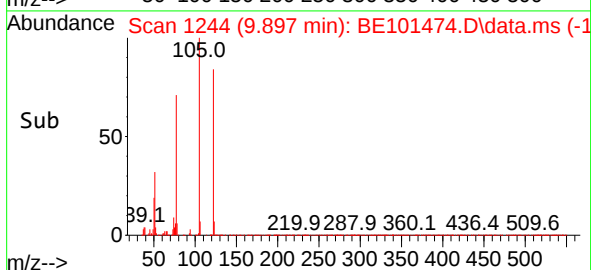
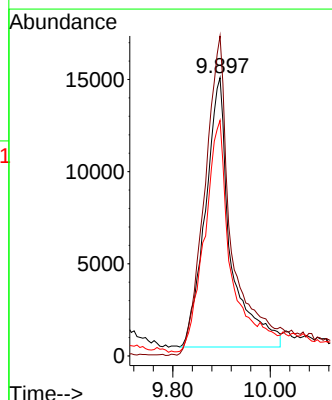
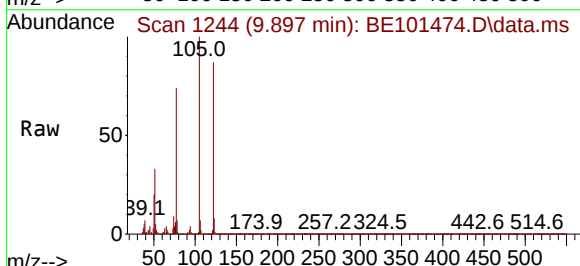
APPROVED

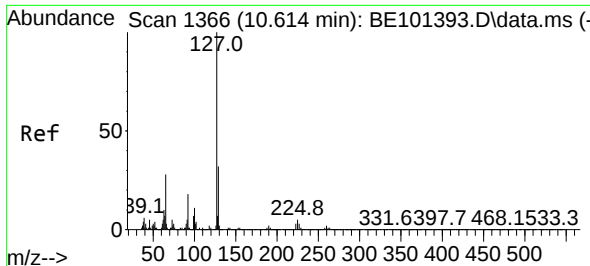
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#32
Benzoic acid
Concen: 24.065 ng
RT: 9.897 min Scan# 1244
Delta R.T. 0.006 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

Tgt Ion:122 Resp: 52790
Ion Ratio Lower Upper
122 100
105 115.0 97.9 137.9
77 84.6 68.1 108.1





#33
4-Chloroaniline
Concen: 36.173 ng
RT: 10.608 min Scan# 1365
Delta R.T. -0.006 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

Instrument :

BNA_E

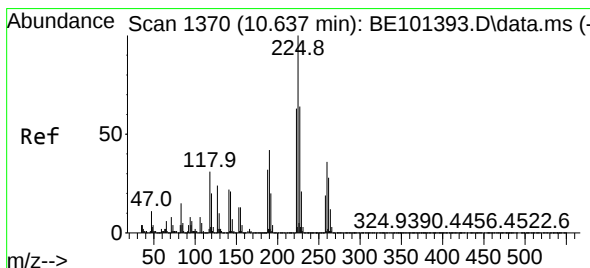
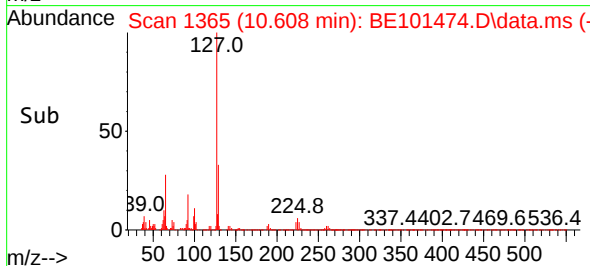
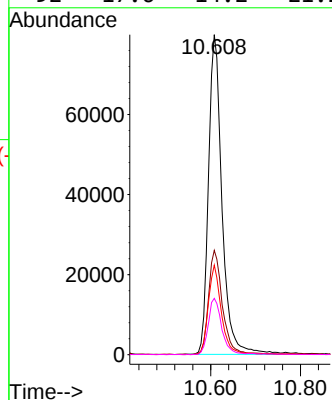
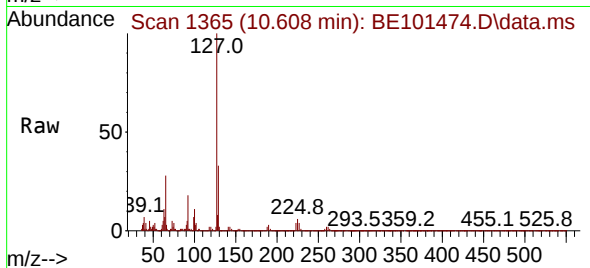
ClientSampleId :

PB164639BS

Tgt Ion:127 Resp: 16691
Ion Ratio Lower Upper
127 100
129 32.6 25.7 38.5
65 28.0 22.2 33.4
92 17.6 14.2 21.2

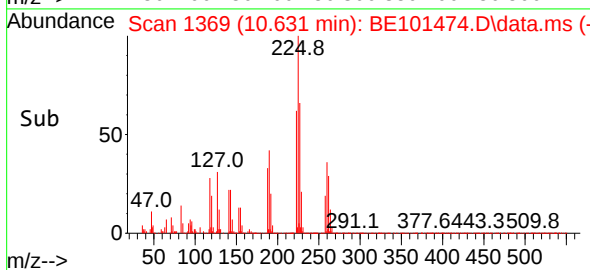
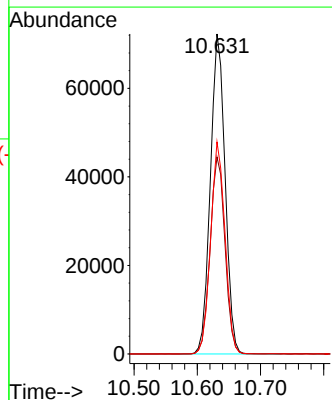
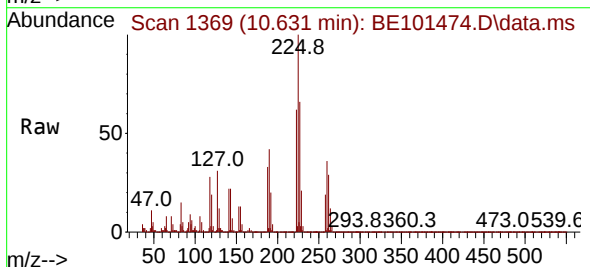
Manual Integrations
APPROVED

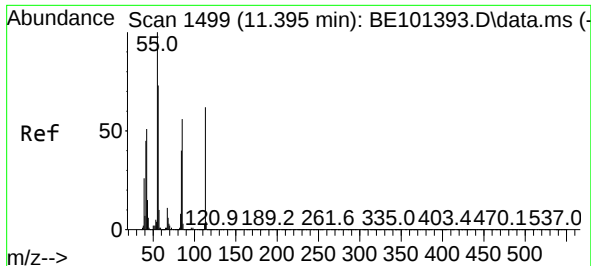
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#34
Hexachlorobutadiene
Concen: 48.808 ng
RT: 10.631 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

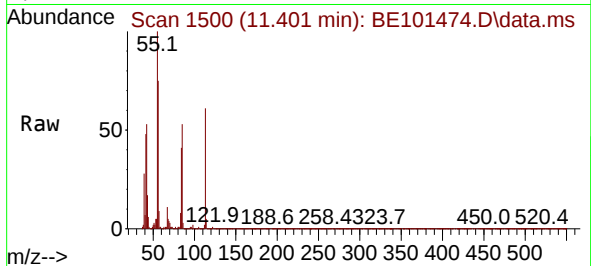
Tgt Ion:225 Resp: 116847
Ion Ratio Lower Upper
225 100
223 61.6 50.5 75.7
227 66.2 51.0 76.6





#35
Caprolactam
Concen: 46.665 ng m
RT: 11.401 min Scan# 113
Delta R.T. 0.006 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

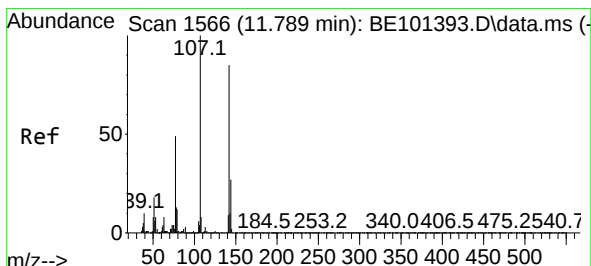
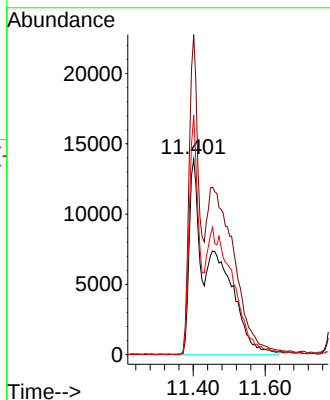
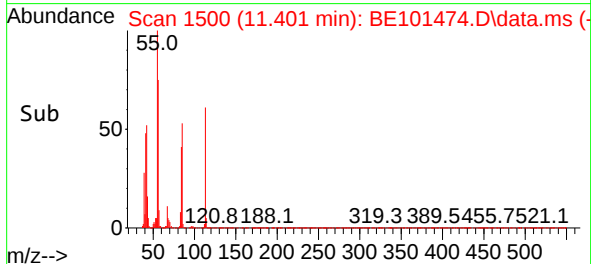
Instrument :
BNA_E
ClientSampleId :
PB164639BS



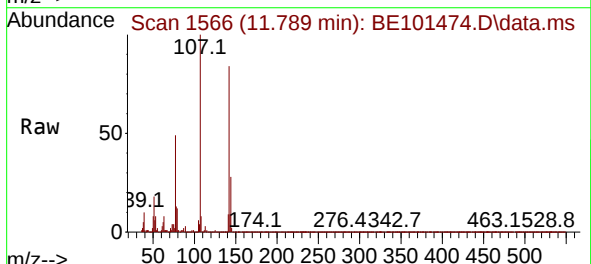
Tgt Ion:113 Resp: 6641
Ion Ratio Lower Upper
113 100
55 163.6 141.2 181.2
56 122.5 96.9 136.9

Manual Integrations
APPROVED

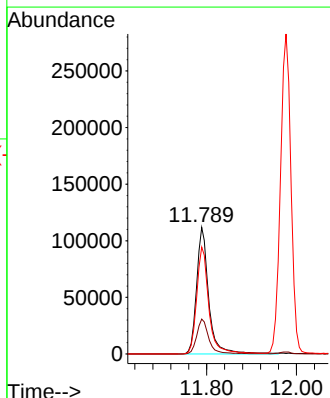
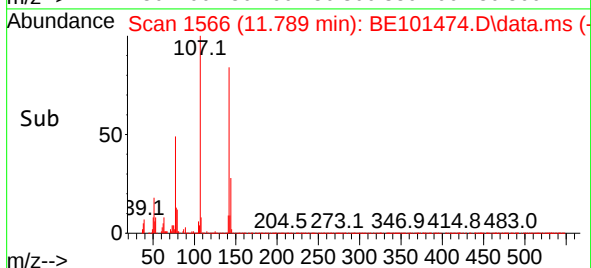
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024

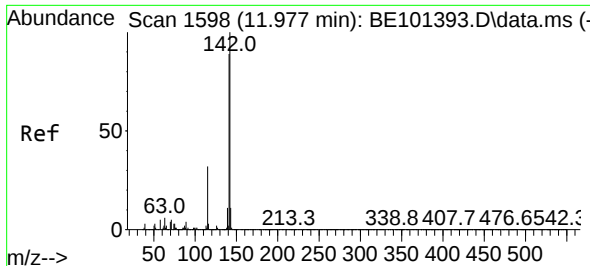


#36
4-Chloro-3-methylphenol
Concen: 49.516 ng
RT: 11.789 min Scan# 1566
Delta R.T. -0.000 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09



Tgt Ion:107 Resp: 209316
Ion Ratio Lower Upper
107 100
144 27.6 21.9 32.9
142 84.4 68.0 102.0





#37
2-Methylnaphthalene
Concen: 47.972 ng
RT: 11.977 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

Instrument :

BNA_E

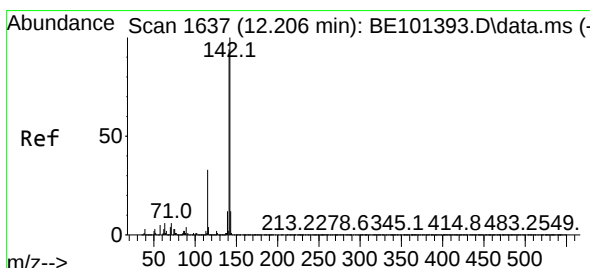
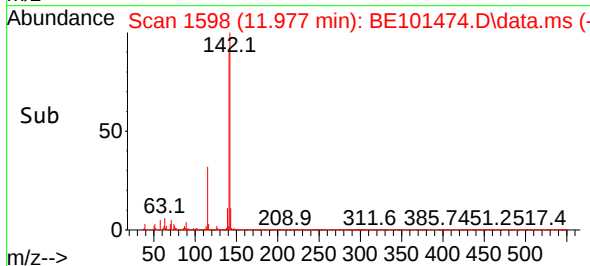
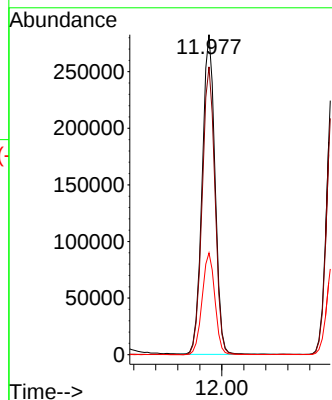
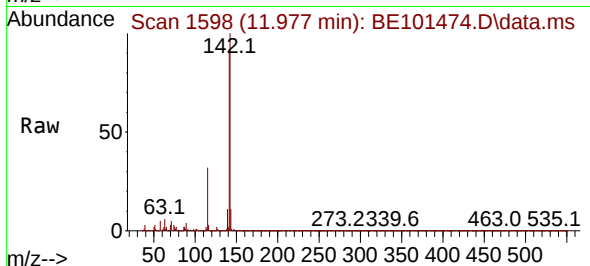
ClientSampleId :

PB164639BS

Tgt Ion:142 Resp: 458604
Ion Ratio Lower Upper
142 100
141 89.9 71.4 107.2
115 31.8 25.6 38.4

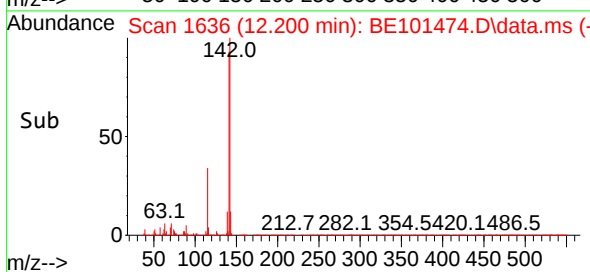
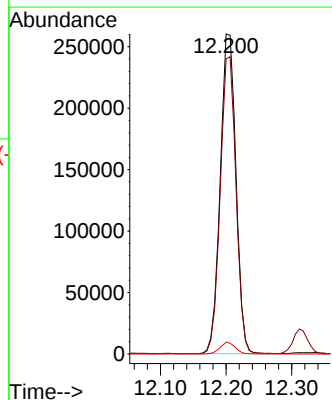
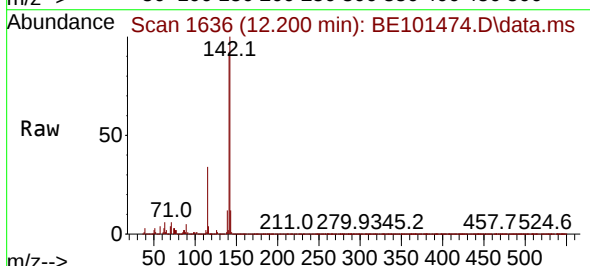
Manual Integrations
APPROVED

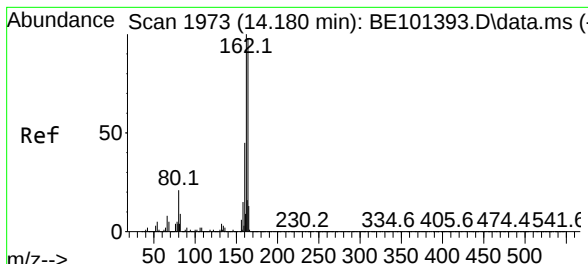
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#38
1-Methylnaphthalene
Concen: 45.176 ng
RT: 12.200 min Scan# 1636
Delta R.T. -0.006 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

Tgt Ion:142 Resp: 431037
Ion Ratio Lower Upper
142 100
141 92.3 75.0 112.4
116 3.7 2.9 4.3





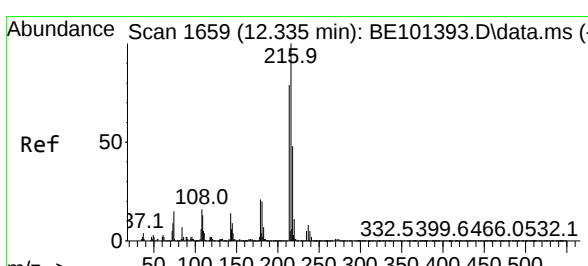
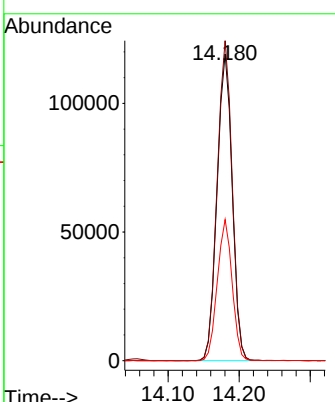
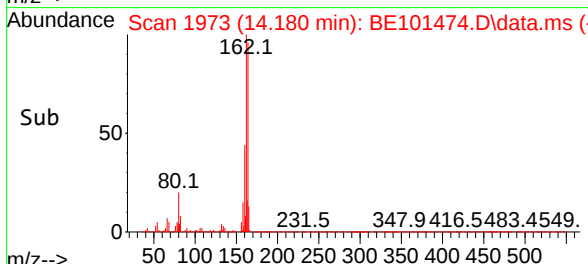
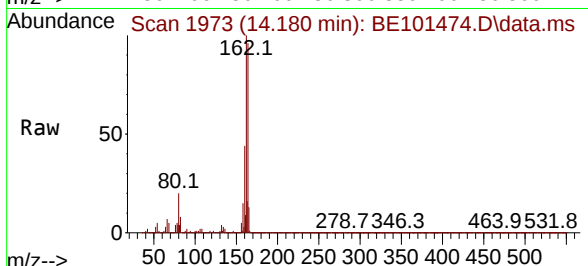
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.180 min Scan# 1973
 Delta R.T. -0.000 min
 Lab File: BE101474.D
 Acq: 5 Nov 2024 12:09

Instrument : BNA_E
 ClientSampleId : PB164639BS

Tgt Ion:164 Resp: 175308

Ion	Ratio	Lower	Upper
164	100		
162	104.3	81.3	121.9
160	46.0	36.4	54.6

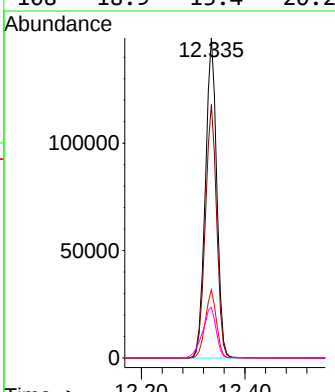
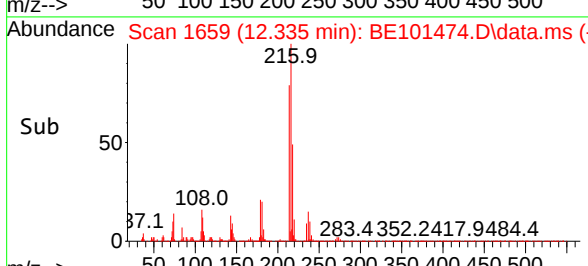
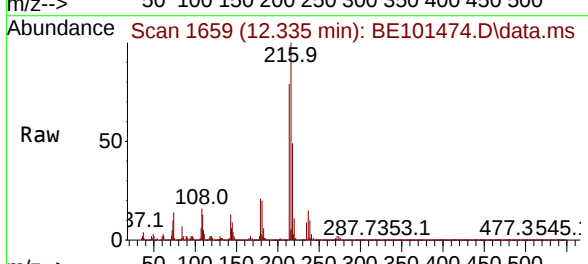
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 11/06/2024
 Supervised By :mohammad ahmed 11/06/2024

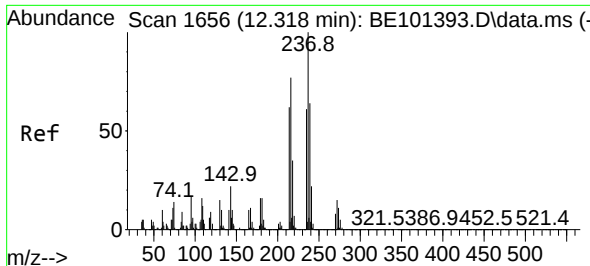


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 51.507 ng
 RT: 12.335 min Scan# 1659
 Delta R.T. -0.000 min
 Lab File: BE101474.D
 Acq: 5 Nov 2024 12:09

Tgt Ion:216 Resp: 226675

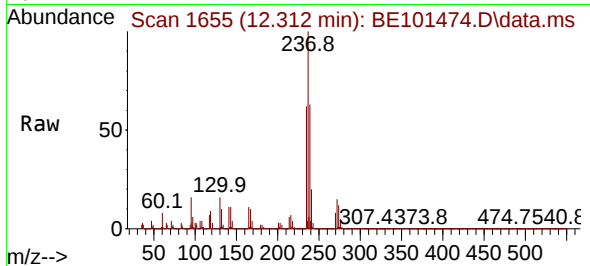
Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.0	94.4
179	20.9	16.7	25.1
108	18.9	13.4	20.2





#41
Hexachlorocyclopentadiene
Concen: 203.815 ng
RT: 12.312 min Scan# 1655
Delta R.T. -0.006 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

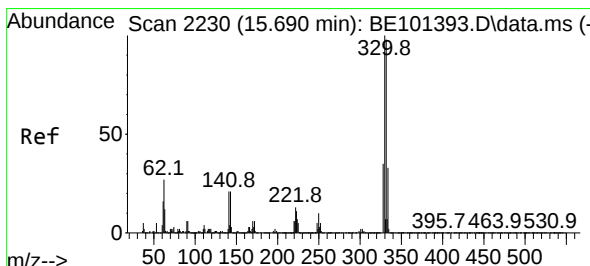
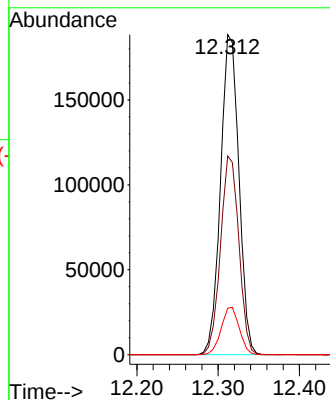
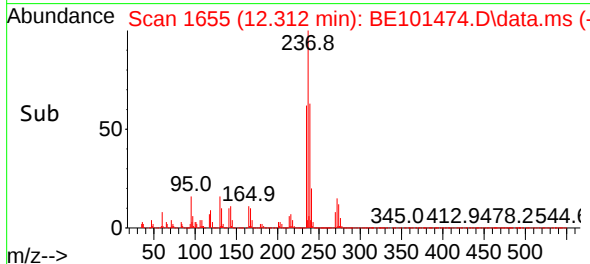
Instrument :
BNA_E
ClientSampleId :
PB164639BS



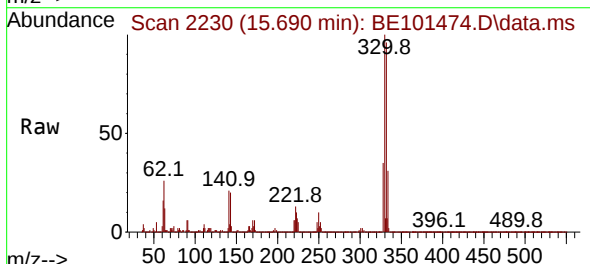
Tgt Ion:237 Resp: 296230
Ion Ratio Lower Upper
237 100
235 62.1 41.3 81.3
272 14.5 0.0 34.6

Manual Integrations
APPROVED

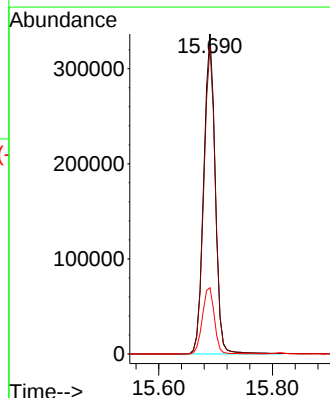
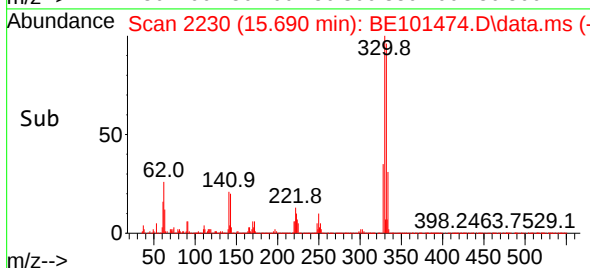
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024

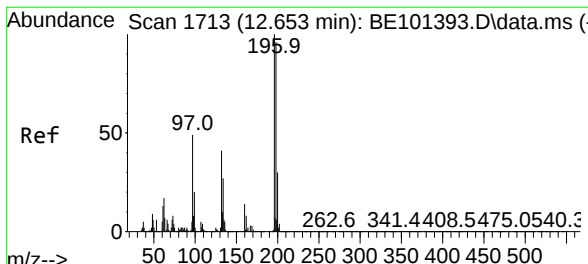


#42
2,4,6-Tribromophenol
Concen: 153.591 ng
RT: 15.690 min Scan# 2230
Delta R.T. -0.000 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09



Tgt Ion:330 Resp: 471921
Ion Ratio Lower Upper
330 100
332 96.7 78.2 117.2
141 21.7 18.3 27.5





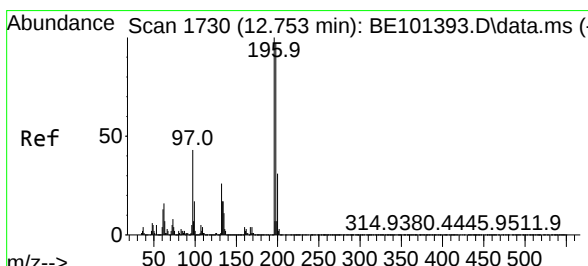
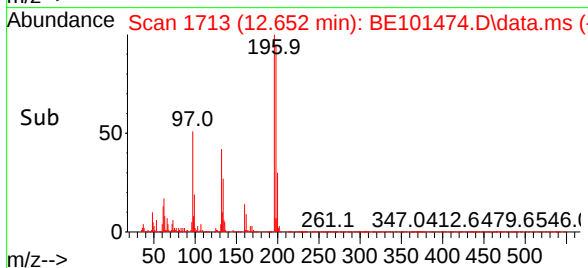
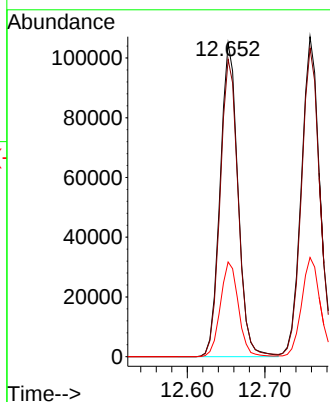
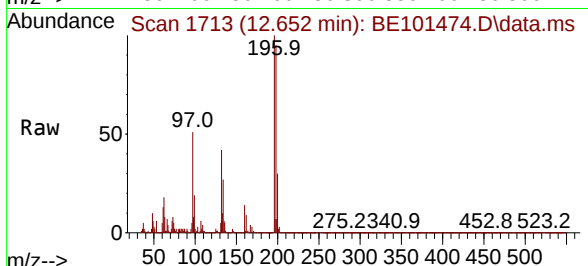
#43
2,4,6-Trichlorophenol
Concen: 55.407 ng
RT: 12.652 min Scan# 1713
Delta R.T. -0.000 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

Instrument : BNA_E
ClientSampleId : PB164639BS

Tgt Ion:196 Resp: 168099
Ion Ratio Lower Upper
196 100
198 94.8 76.6 115.0
200 30.2 24.1 36.1

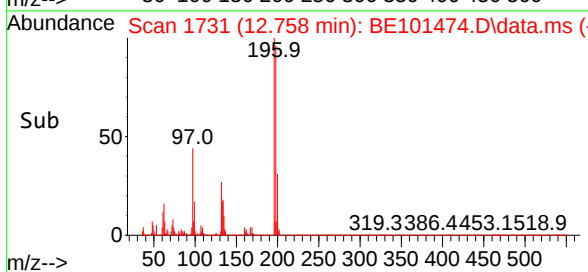
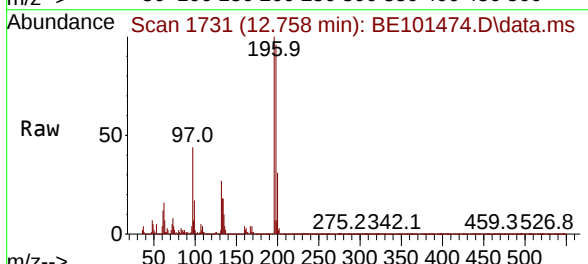
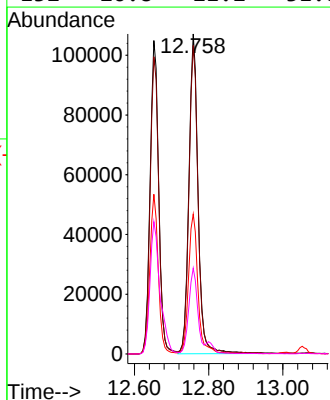
Manual Integrations
APPROVED

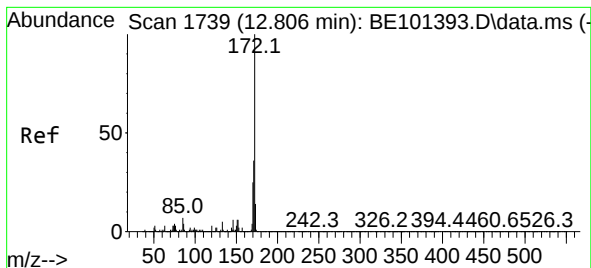
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#44
2,4,5-Trichlorophenol
Concen: 53.093 ng
RT: 12.758 min Scan# 1731
Delta R.T. 0.006 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

Tgt Ion:196 Resp: 184459
Ion Ratio Lower Upper
196 100
198 96.4 77.4 116.0
97 43.7 34.8 52.2
132 26.8 21.2 31.8





#45
2-Fluorobiphenyl
Concen: 107.713 ng
RT: 12.805 min Scan# 1739
Delta R.T. -0.000 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

Instrument :

BNA_E

ClientSampleId :

PB164639BS

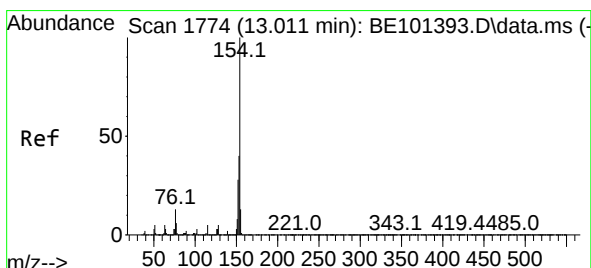
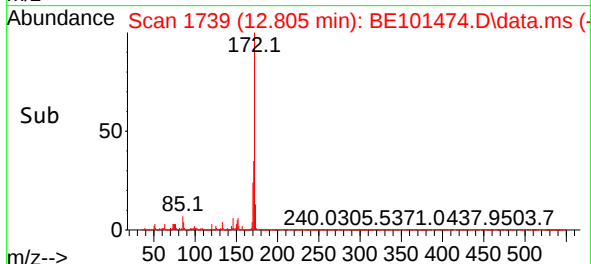
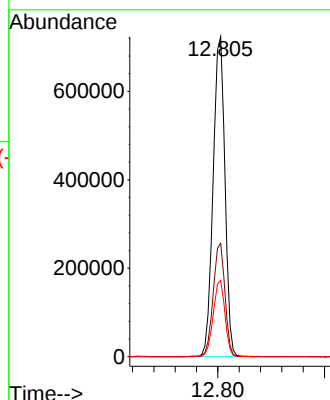
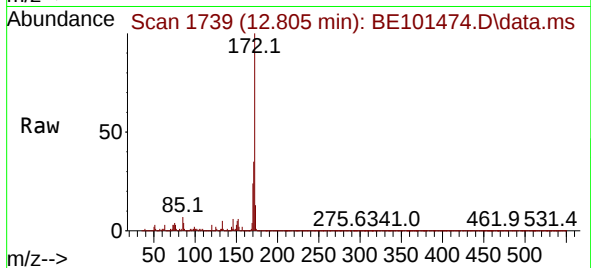
Tgt Ion:172 Resp: 111499
Ion Ratio Lower Upper
172 100
171 35.5 29.2 43.8
170 23.8 19.8 29.6

Manual Integrations

APPROVED

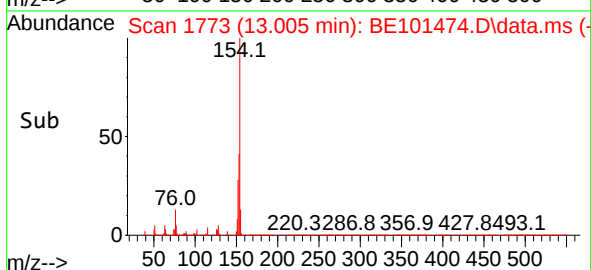
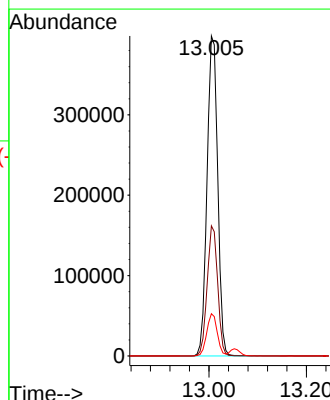
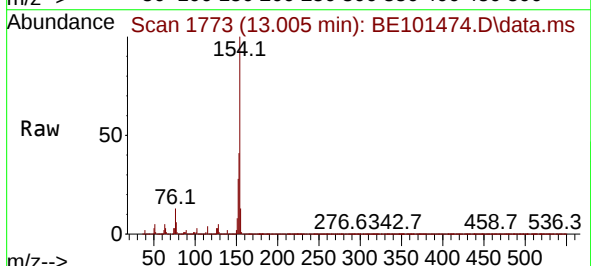
Reviewed By :Yogesh Patel 11/06/2024

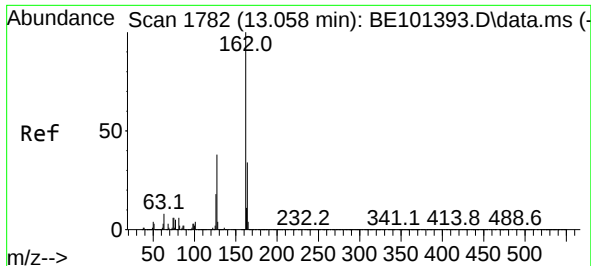
Supervised By :mohammad ahmed 11/06/2024



#46
1,1'-Biphenyl
Concen: 50.136 ng
RT: 13.005 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

Tgt Ion:154 Resp: 602169
Ion Ratio Lower Upper
154 100
153 40.7 20.3 60.3
76 13.2 0.0 32.6





#47

2-Chloronaphthalene

Concen: 49.350 ng

RT: 13.052 min Scan# 1

Delta R.T. -0.006 min

Lab File: BE101474.D

Acq: 5 Nov 2024 12:09

Instrument :

BNA_E

ClientSampleId :

PB164639BS

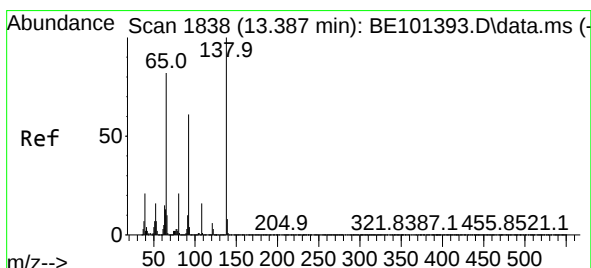
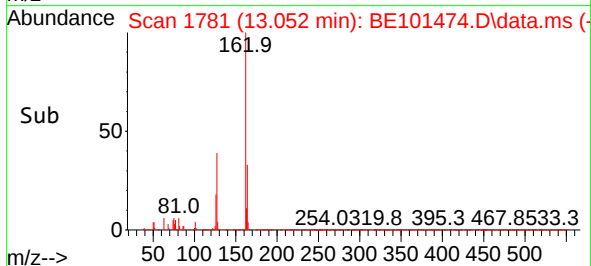
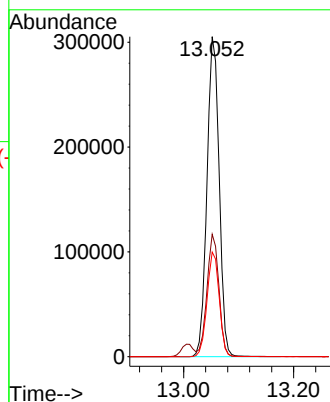
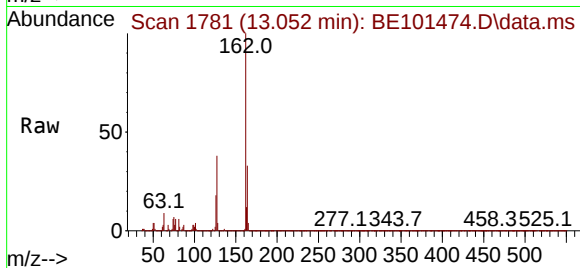
Tgt Ion:162	Resp: 468284
Ion Ratio	Lower Upper
162 100	
127 38.2	30.4 45.6
164 32.7	27.0 40.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#48

2-Nitroaniline

Concen: 53.322 ng

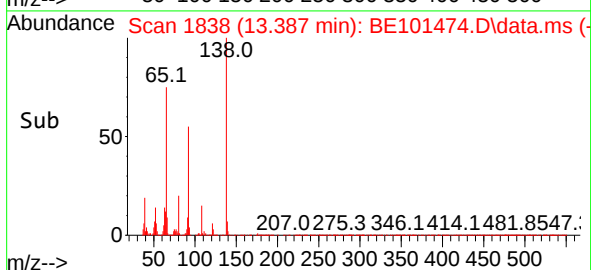
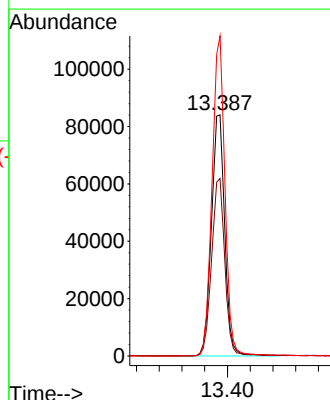
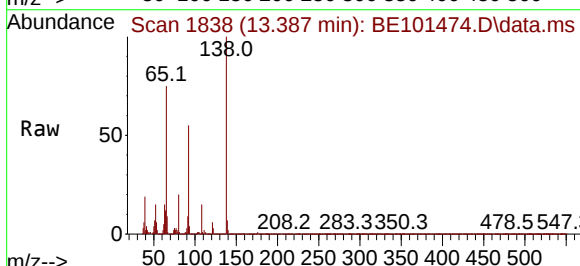
RT: 13.387 min Scan# 1838

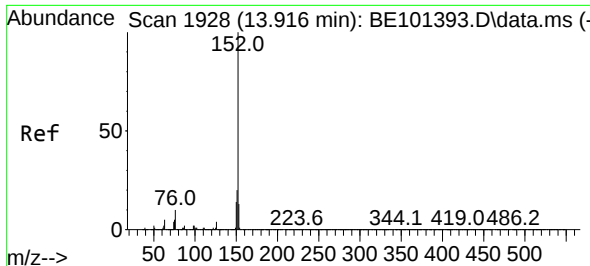
Delta R.T. -0.000 min

Lab File: BE101474.D

Acq: 5 Nov 2024 12:09

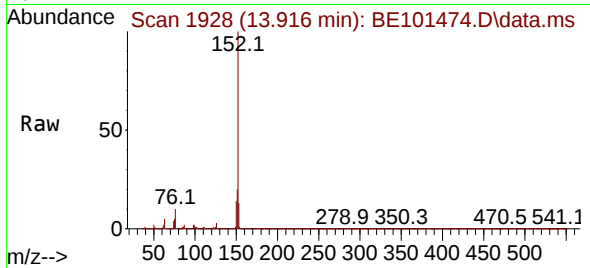
Tgt Ion: 65	Resp: 136168
Ion Ratio	Lower Upper
65 100	
92 73.6	59.0 88.4
138 132.7	97.4 146.0





#49
Acenaphthylene
Concen: 54.606 ng
RT: 13.916 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

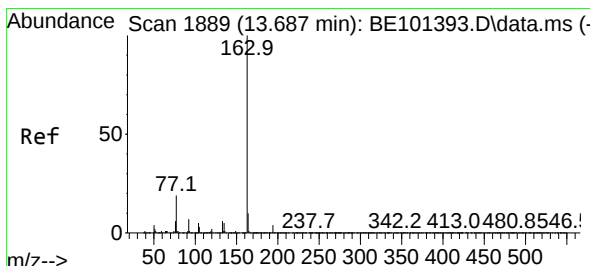
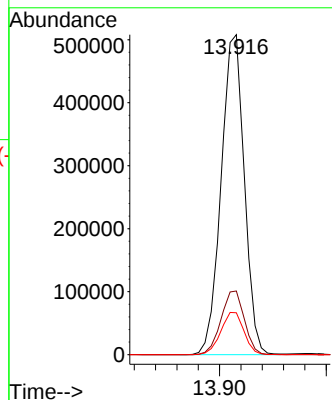
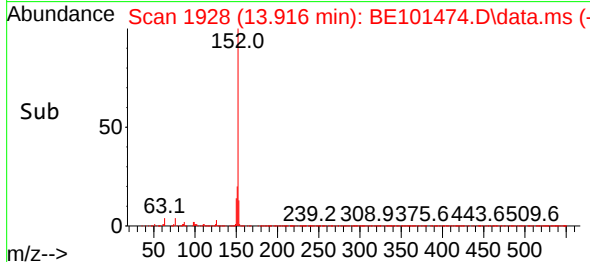
Instrument :
BNA_E
ClientSampleId :
PB164639BS



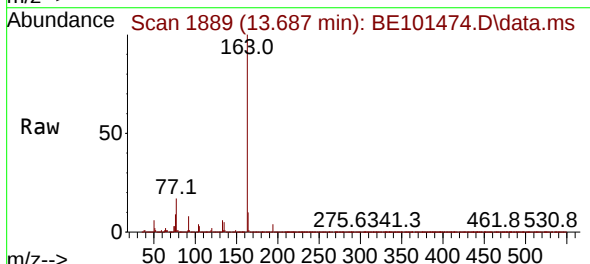
Tgt Ion:152 Resp: 766269
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.4
153 13.1 10.5 15.7

Manual Integrations
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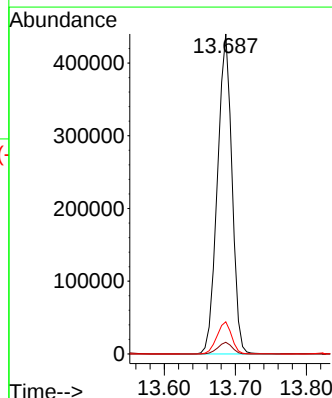
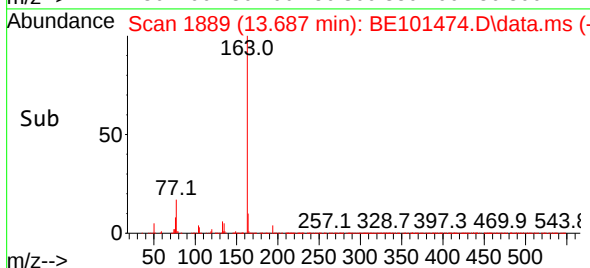
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024

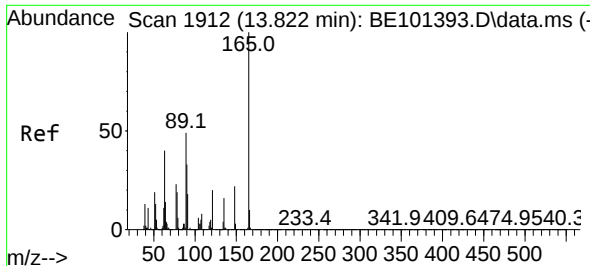


#50
Dimethylphthalate
Concen: 50.452 ng
RT: 13.687 min Scan# 1889
Delta R.T. -0.000 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09



Tgt Ion:163 Resp: 624313
Ion Ratio Lower Upper
163 100
194 3.7 2.9 4.3
164 10.1 8.4 12.6





#51
2,6-Dinitrotoluene
Concen: 48.163 ng
RT: 13.822 min Scan# 1912
Delta R.T. -0.000 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

Instrument :

BNA_E

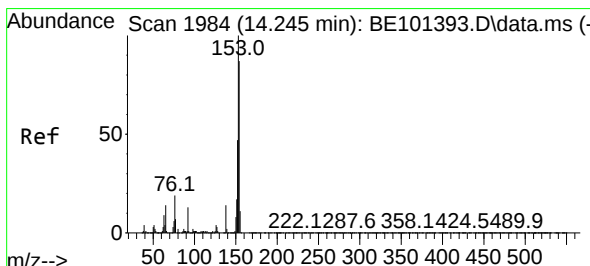
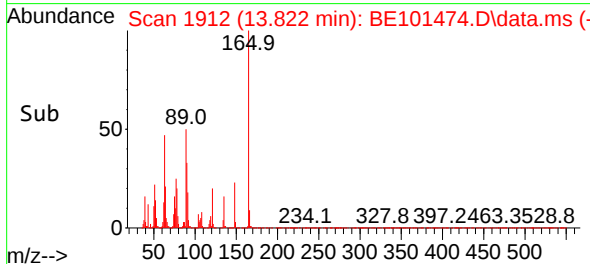
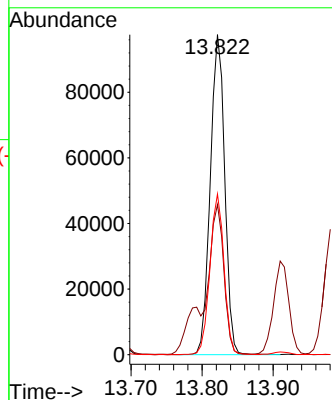
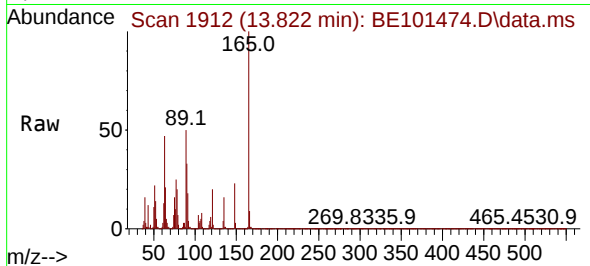
ClientSampleId :

PB164639BS

Tgt Ion:165 Resp: 137600
Ion Ratio Lower Upper
165 100
63 46.9 38.0 57.0
89 50.2 39.5 59.3

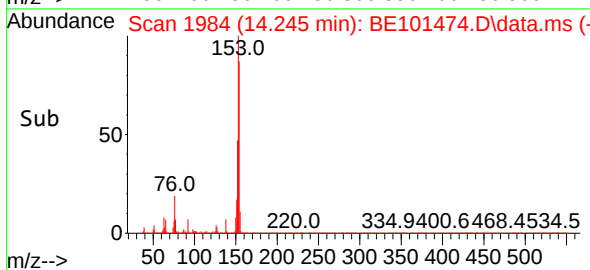
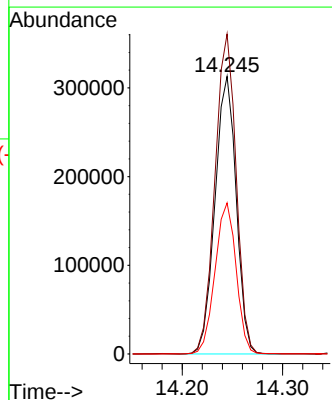
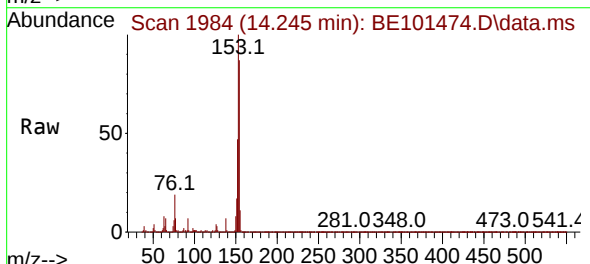
Manual Integrations
APPROVED

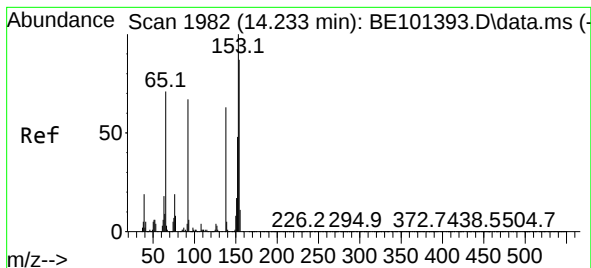
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#52
Acenaphthene
Concen: 50.106 ng
RT: 14.245 min Scan# 1984
Delta R.T. -0.000 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

Tgt Ion:154 Resp: 459124
Ion Ratio Lower Upper
154 100
153 115.3 91.8 137.6
152 54.4 43.1 64.7





#53
3-Nitroaniline
Concen: 37.717 ng
RT: 14.233 min Scan# 1982
Delta R.T. -0.000 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

Instrument :

BNA_E

ClientSampleId :

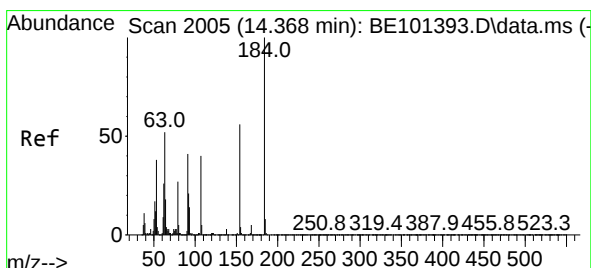
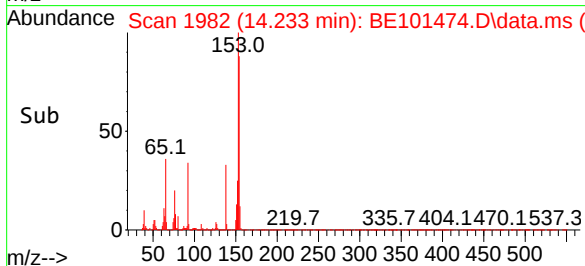
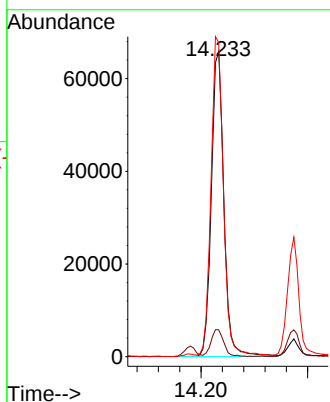
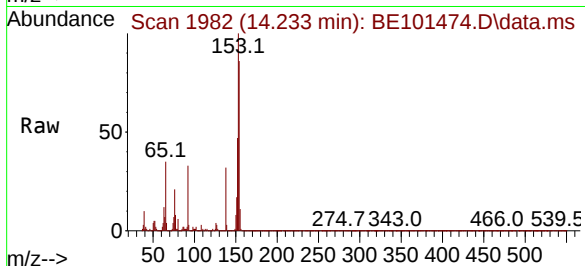
PB164639BS

Tgt Ion:138 Resp: 10714
Ion Ratio Lower Upper
138 100
108 8.8 7.1 10.7
92 103.0 84.4 126.6

Manual Integrations

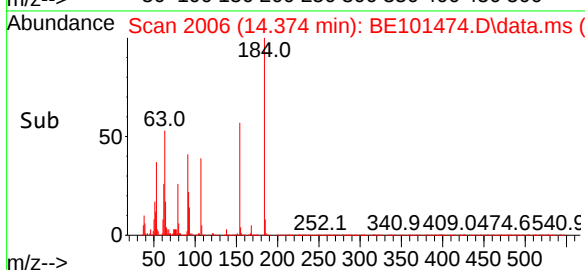
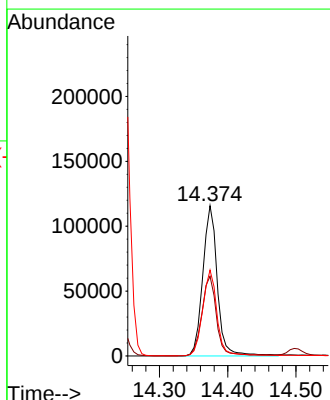
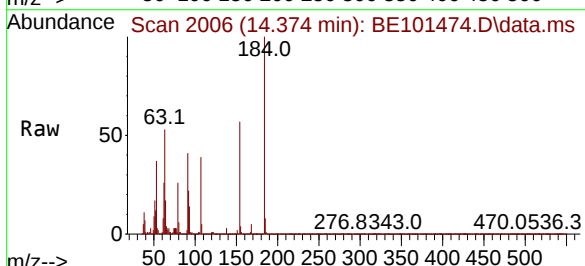
APPROVED

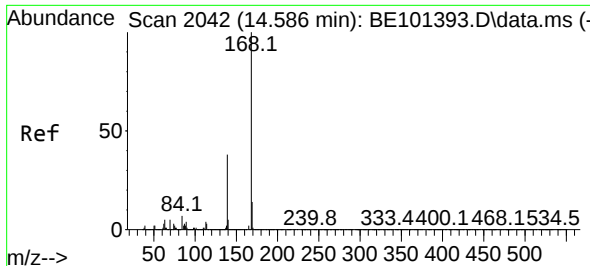
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#54
2,4-Dinitrophenol
Concen: 84.591 ng
RT: 14.374 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

Tgt Ion:184 Resp: 172420
Ion Ratio Lower Upper
184 100
63 53.0 41.8 62.6
154 57.2 44.9 67.3





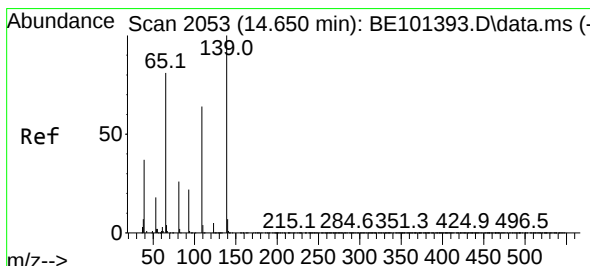
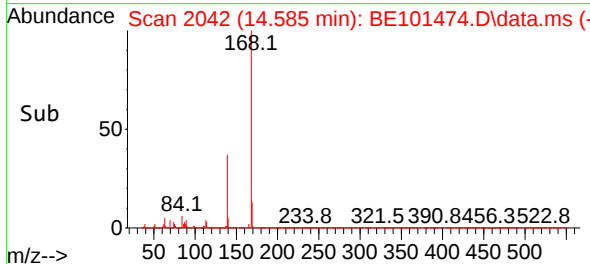
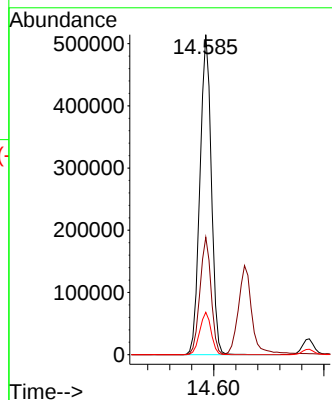
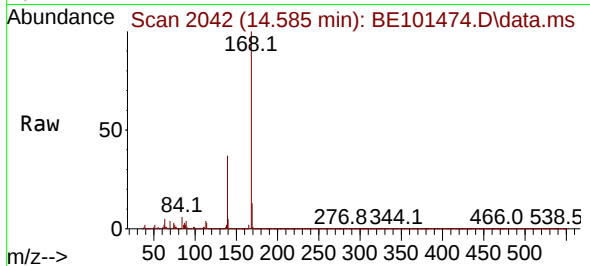
#55
Dibenzenofuran
Concen: 50.567 ng
RT: 14.585 min Scan# 2042
Delta R.T. -0.000 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

Instrument :
BNA_E
ClientSampleId :
PB164639BS

Tgt Ion:168 Resp: 738512
Ion Ratio Lower Upper
168 100
139 36.7 30.2 45.4
169 13.2 11.0 16.4

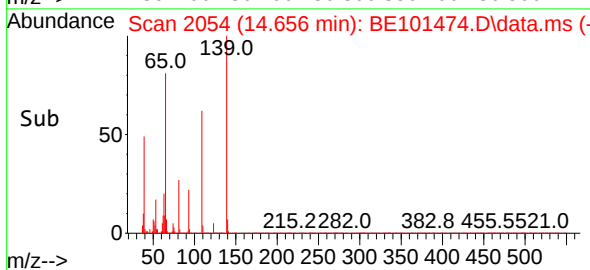
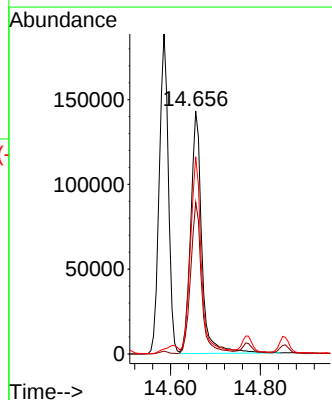
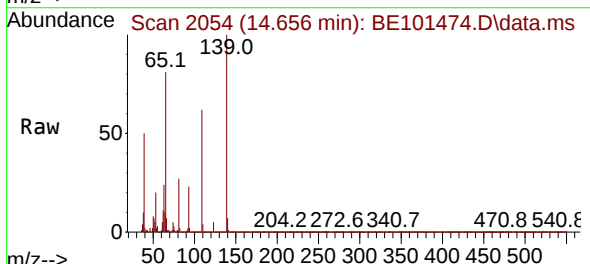
Manual Integrations
APPROVED

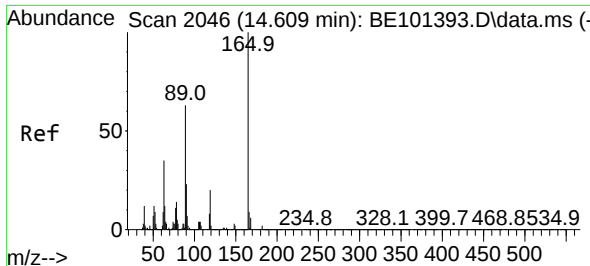
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#56
4-Nitrophenol
Concen: 94.563 ng
RT: 14.656 min Scan# 2054
Delta R.T. 0.006 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

Tgt Ion:139 Resp: 246011
Ion Ratio Lower Upper
139 100
109 62.5 42.4 82.4
65 81.2 63.4 103.4





#57
2,4-Dinitrotoluene
Concen: 49.638 ng
RT: 14.609 min Scan# 2046
Delta R.T. -0.000 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

Instrument :

BNA_E

ClientSampleId :

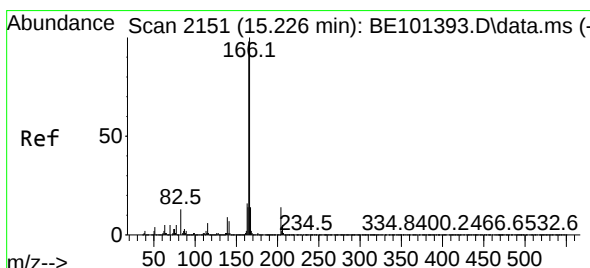
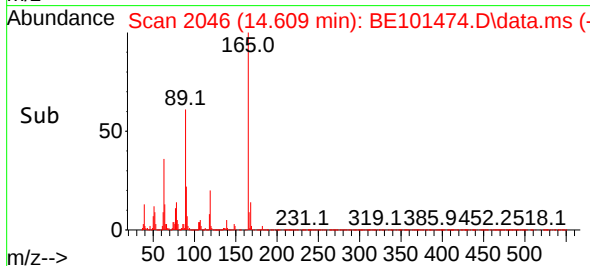
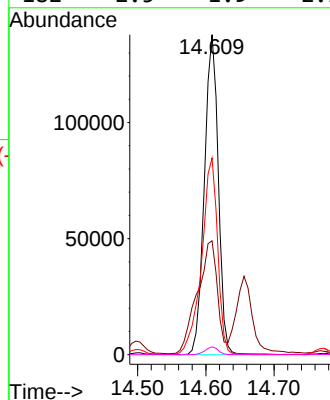
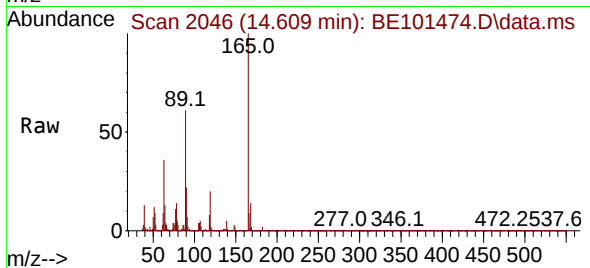
PB164639BS

Tgt Ion:165 Resp: 195238
Ion Ratio Lower Upper
165 100
63 35.6 28.6 42.8
89 61.5 50.8 76.2
182 2.5 1.9 2.9

Manual Integrations

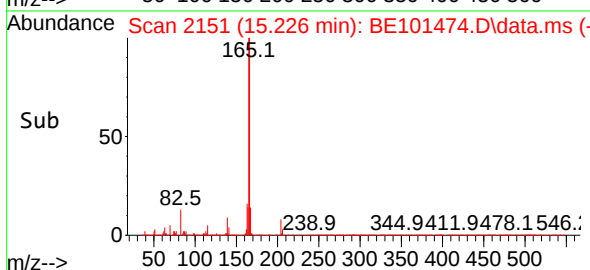
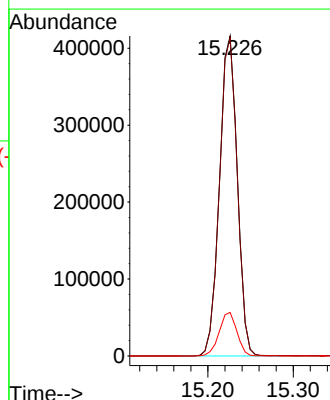
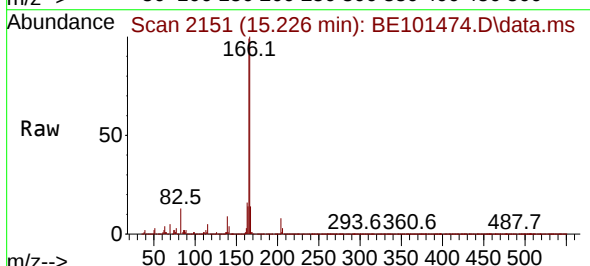
APPROVED

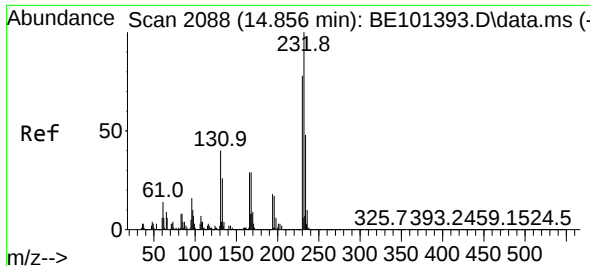
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#58
Fluorene
Concen: 49.288 ng
RT: 15.226 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

Tgt Ion:166 Resp: 602183
Ion Ratio Lower Upper
166 100
165 99.5 78.7 118.1
167 13.6 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.225 ng
RT: 14.856 min Scan# 2088
Delta R.T. -0.000 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

Instrument :

BNA_E

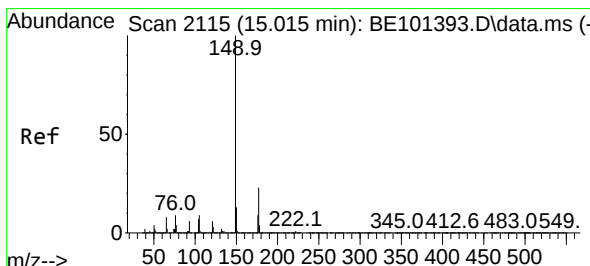
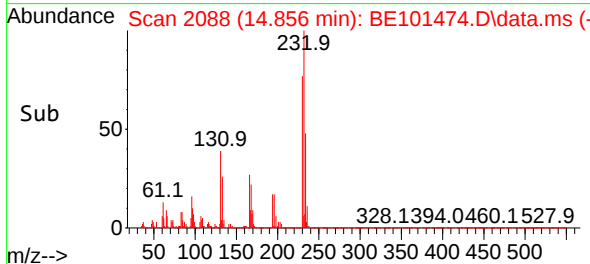
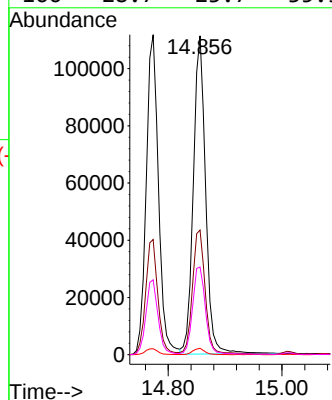
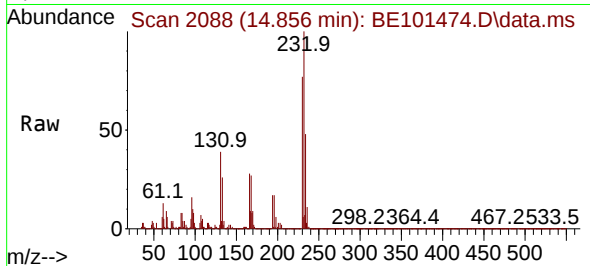
ClientSampleId :

PB164639BS

Tgt Ion:232 Resp: 16764
Ion Ratio Lower Upper
232 100
131 40.9 33.5 50.3
130 1.9 1.6 2.4
166 28.7 23.7 35.5

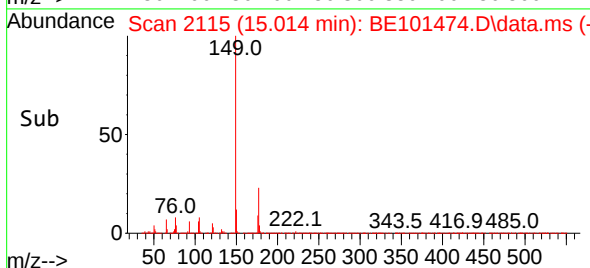
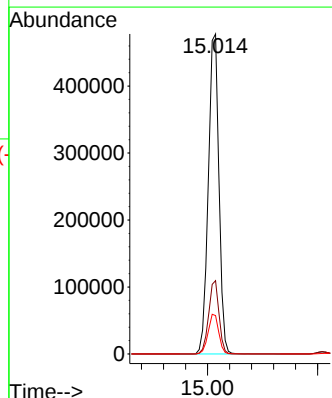
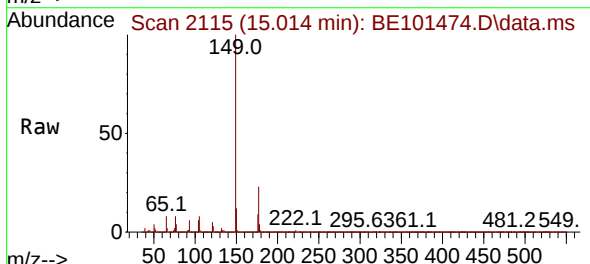
Manual Integrations
APPROVED

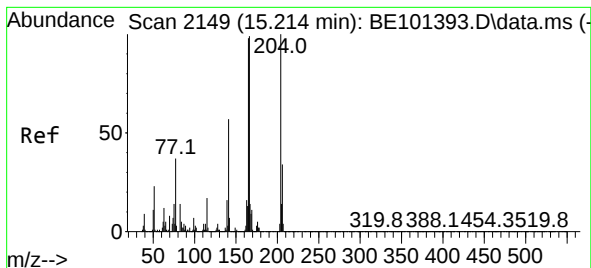
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#60
Diethylphthalate
Concen: 49.181 ng
RT: 15.014 min Scan# 2115
Delta R.T. -0.000 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

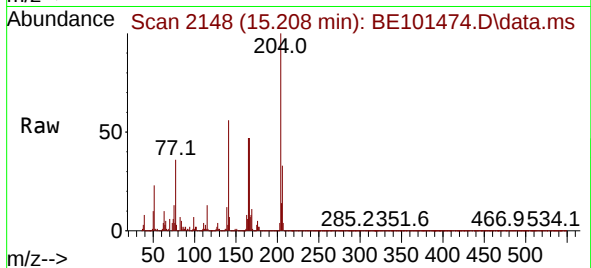
Tgt Ion:149 Resp: 636575
Ion Ratio Lower Upper
149 100
177 22.9 18.0 27.0
150 12.0 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 49.455 ng
RT: 15.208 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

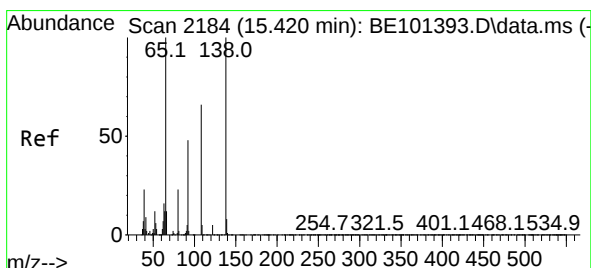
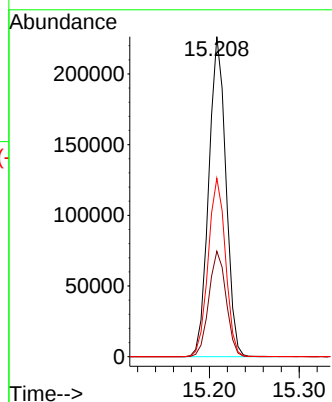
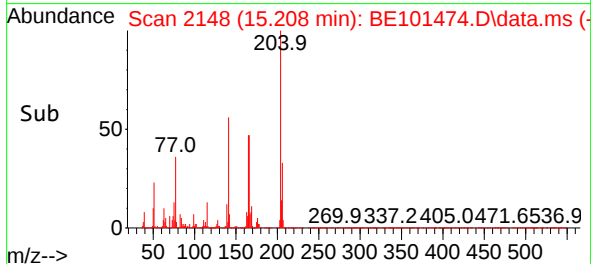
Instrument :
BNA_E
ClientSampleId :
PB164639BS



Tgt Ion: 204 Resp: 299829
Ion Ratio Lower Upper
204 100
206 33.0 26.9 40.3
141 55.7 45.9 68.9

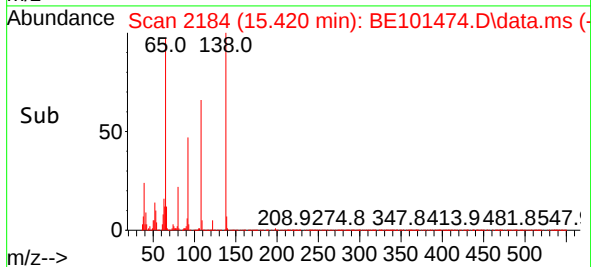
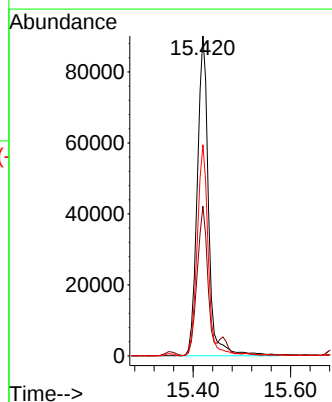
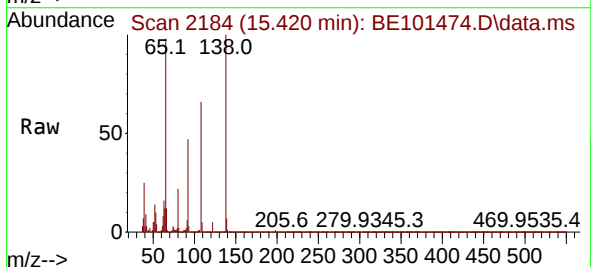
Manual Integrations
APPROVED

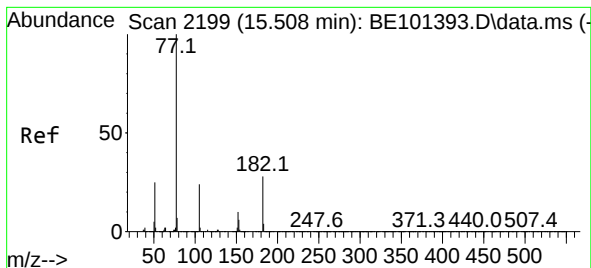
Reviewed By : Yogesh Patel 11/06/2024
Supervised By : mohammad ahmed 11/06/2024



#62
4-Nitroaniline
Concen: 46.013 ng
RT: 15.420 min Scan# 2184
Delta R.T. -0.000 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

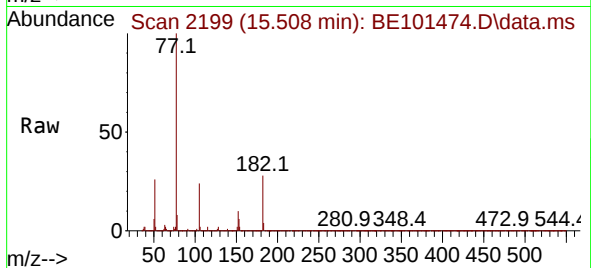
Tgt Ion: 138 Resp: 145455
Ion Ratio Lower Upper
138 100
92 46.8 28.7 68.7
108 66.0 46.5 86.5





#63
Azobenzene
Concen: 49.506 ng
RT: 15.508 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

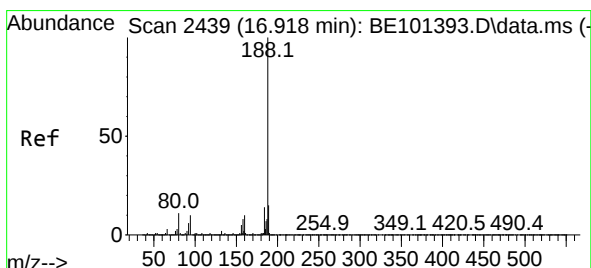
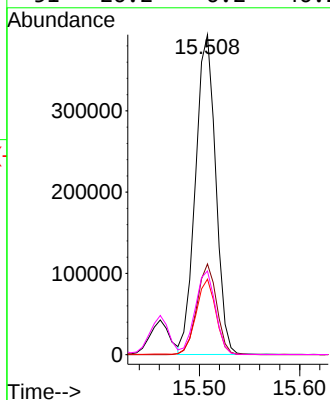
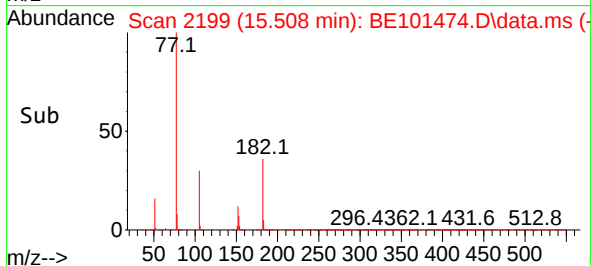
Instrument :
BNA_E
ClientSampleId :
PB164639BS



Tgt Ion: 77 Resp: 550789
Ion Ratio Lower Upper
77 100
182 28.4 7.6 47.6
105 23.6 3.2 43.2
51 26.2 6.2 46.2

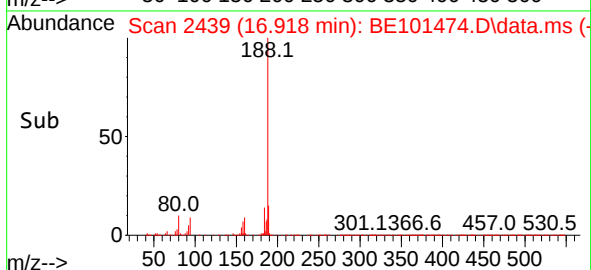
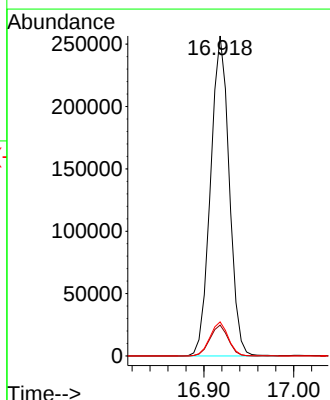
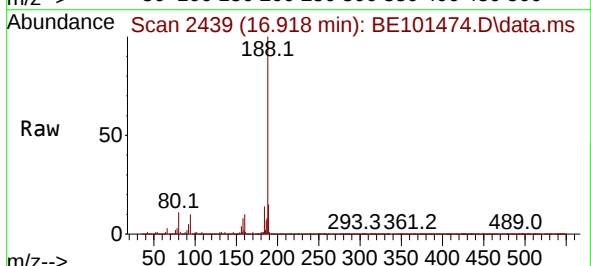
Manual Integrations
APPROVED

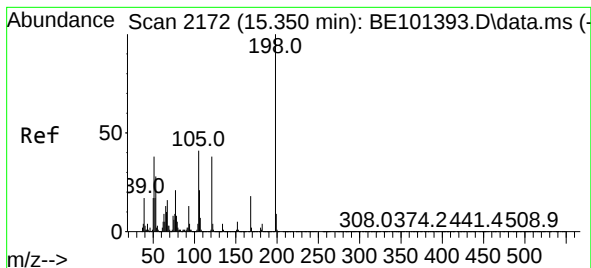
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.918 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

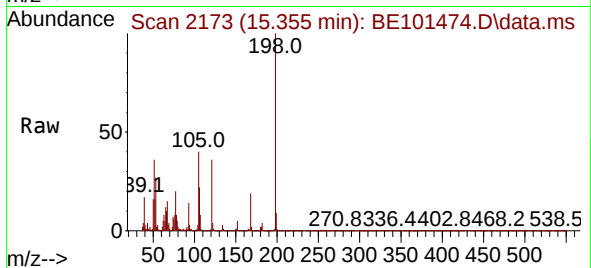
Tgt Ion:188 Resp: 370232
Ion Ratio Lower Upper
188 100
94 9.7 7.8 11.8
80 10.7 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 53.560 ng
RT: 15.355 min Scan# 2172
Delta R.T. 0.005 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

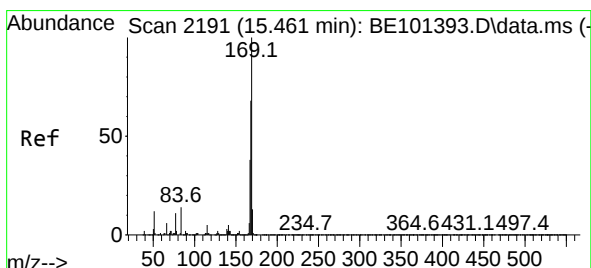
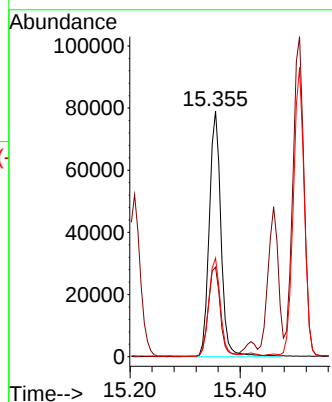
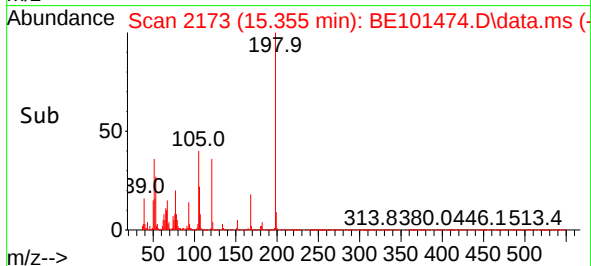
Instrument :
BNA_E
ClientSampleId :
PB164639BS



Tgt Ion:198 Resp: 11652
Ion Ratio Lower Upper
198 100
51 36.4 18.2 58.2
105 40.1 21.5 61.5

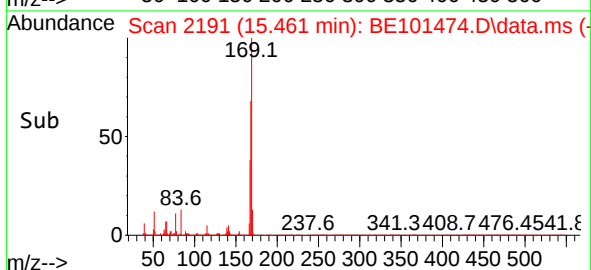
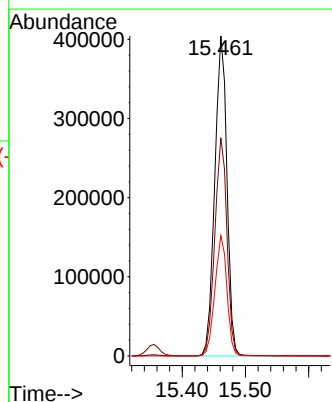
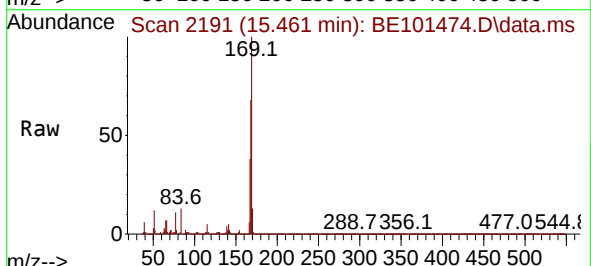
Manual Integrations
APPROVED

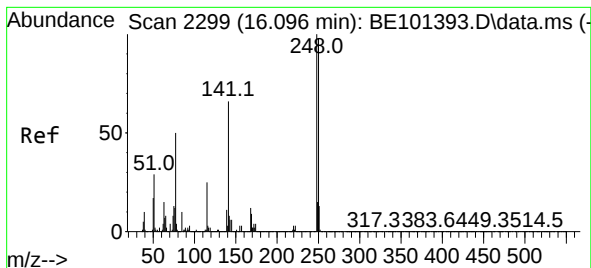
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#66
n-Nitrosodiphenylamine
Concen: 55.114 ng
RT: 15.461 min Scan# 2191
Delta R.T. -0.000 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

Tgt Ion:169 Resp: 541118
Ion Ratio Lower Upper
169 100
168 68.2 54.5 81.7
167 37.5 30.4 45.6





#67
4-Bromophenyl-phenylether
Concen: 53.746 ng
RT: 16.095 min Scan# 21
Delta R.T. -0.000 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

Instrument :

BNA_E

ClientSampleId :

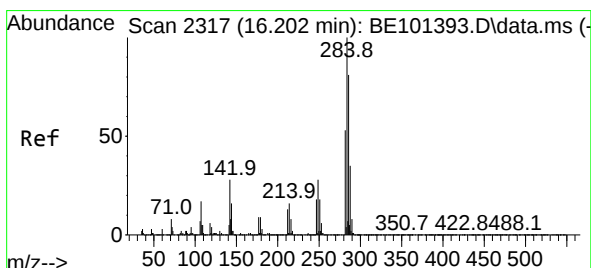
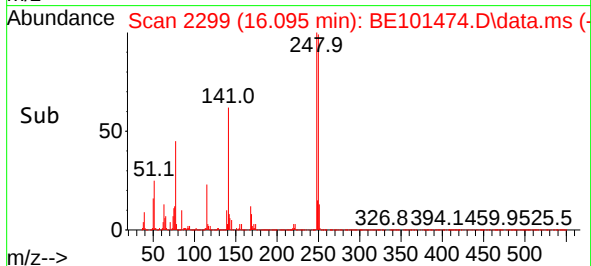
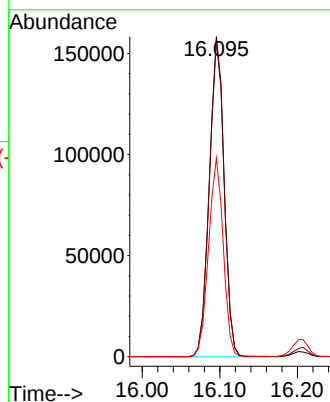
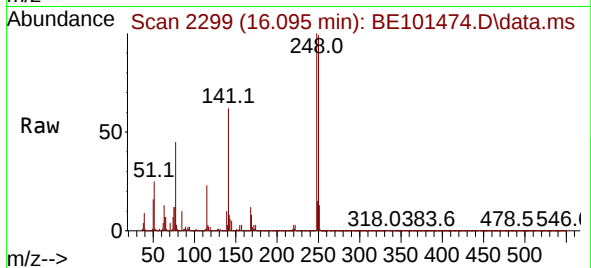
PB164639BS

Tgt Ion:248 Resp: 20931
Ion Ratio Lower Upper
248 100
250 98.5 78.2 117.2
141 62.1 53.0 79.4

Manual Integrations

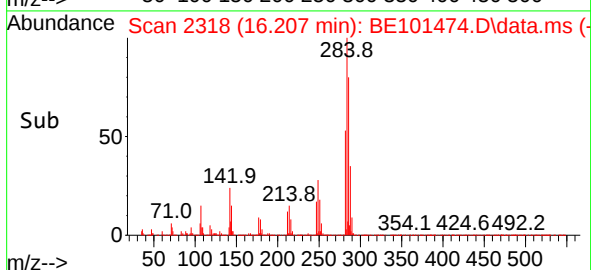
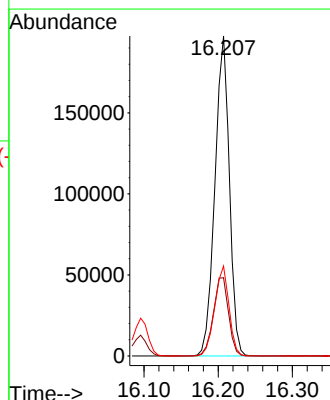
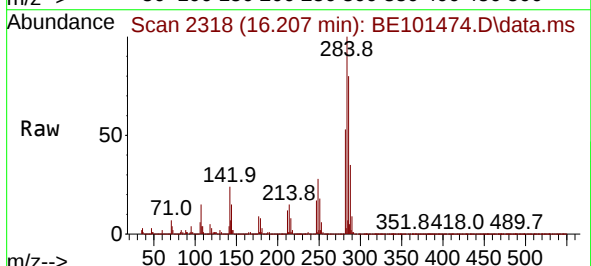
APPROVED

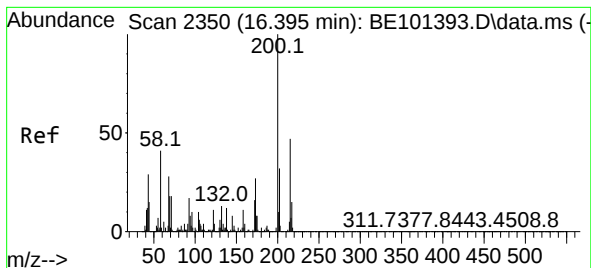
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#68
Hexachlorobenzene
Concen: 52.190 ng
RT: 16.207 min Scan# 2318
Delta R.T. 0.005 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

Tgt Ion:284 Resp: 266421
Ion Ratio Lower Upper
284 100
142 24.5 22.2 33.2
249 28.1 22.8 34.2





#69

Atrazine

Concen: 64.878 ng

RT: 16.395 min Scan# 21

Delta R.T. 0.000 min

Lab File: BE101474.D

Acq: 5 Nov 2024 12:09

Instrument :

BNA_E

ClientSampleId :

PB164639BS

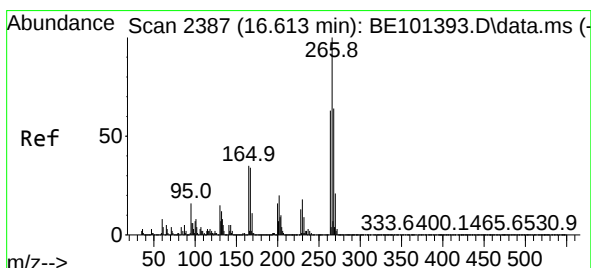
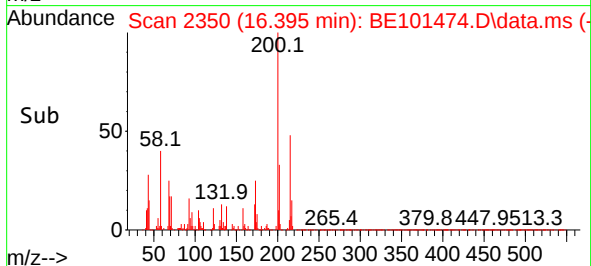
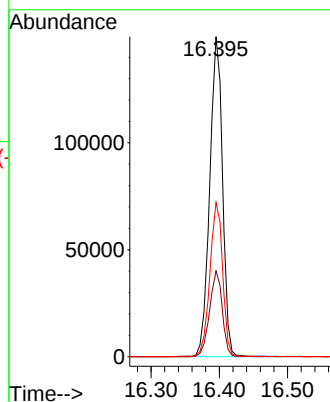
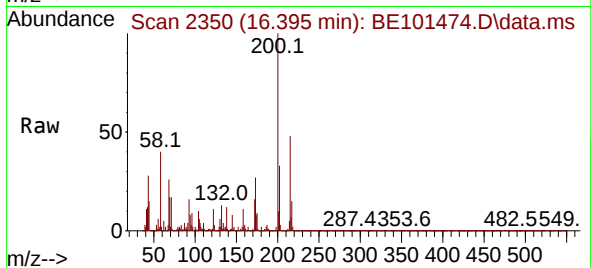
Tgt Ion:200 Resp: 195284
 Ion Ratio Lower Upper
 200 100
 173 26.8 7.0 47.0
 215 48.2 27.3 67.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#70

Pentachlorophenol

Concen: 104.639 ng

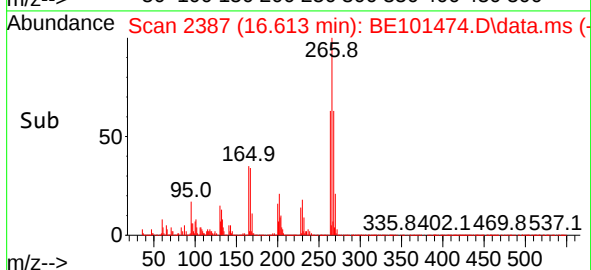
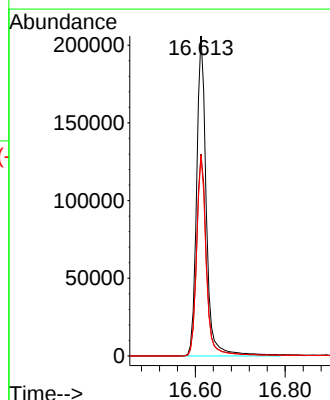
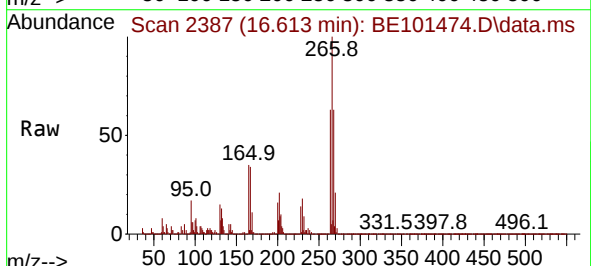
RT: 16.613 min Scan# 2387

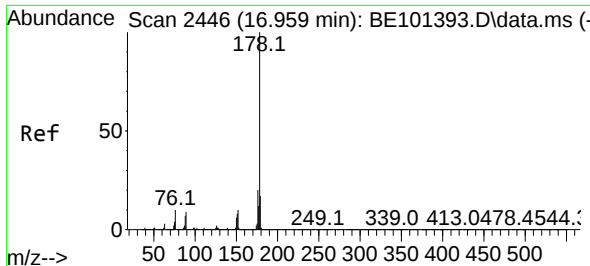
Delta R.T. -0.000 min

Lab File: BE101474.D

Acq: 5 Nov 2024 12:09

Tgt Ion:266 Resp: 307472
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.5 77.3
 264 62.7 50.7 76.1





#71
Phenanthrene
Concen: 53.178 ng
RT: 16.959 min Scan# 2446
Delta R.T. -0.000 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

Instrument :

BNA_E

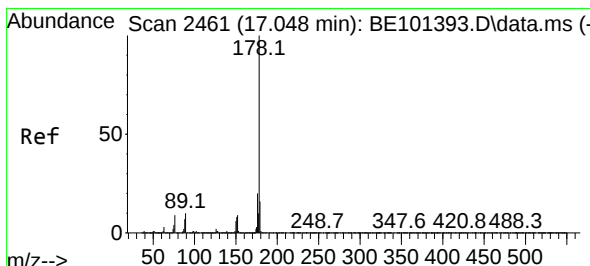
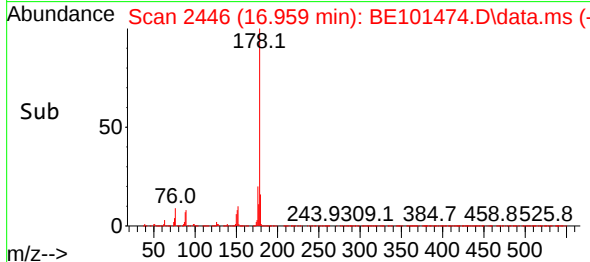
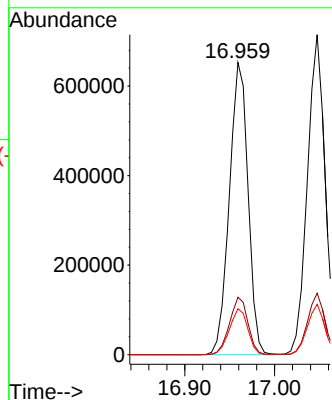
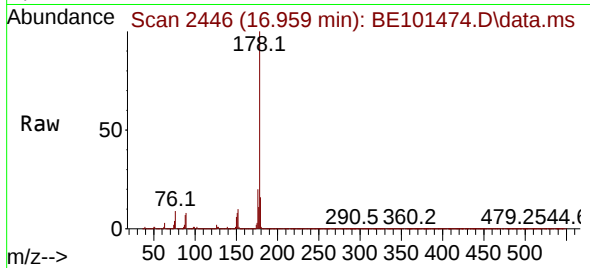
ClientSampleId :

PB164639BS

Tgt Ion:178 Resp: 94265
Ion Ratio Lower Upper
178 100
176 19.7 16.4 24.6
179 15.7 13.2 19.8

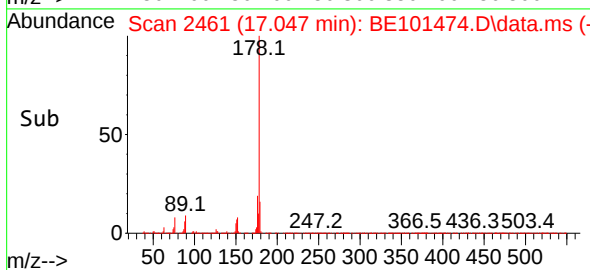
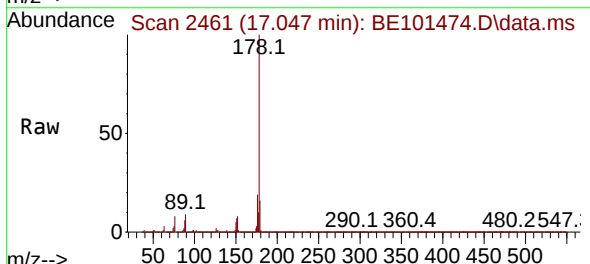
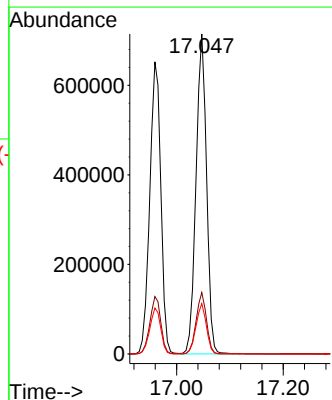
Manual Integrations
APPROVED

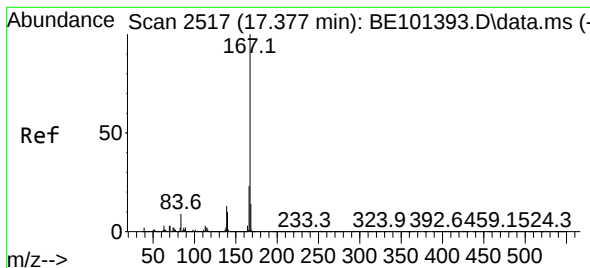
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#72
Anthracene
Concen: 56.553 ng
RT: 17.047 min Scan# 2461
Delta R.T. -0.000 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

Tgt Ion:178 Resp: 978854
Ion Ratio Lower Upper
178 100
176 19.2 15.9 23.9
179 15.7 13.1 19.7





#73

Carbazole

Concen: 51.208 ng

RT: 17.376 min Scan# 2517

Delta R.T. -0.000 min

Lab File: BE101474.D

Acq: 5 Nov 2024 12:09

Instrument :

BNA_E

ClientSampleId :

PB164639BS

Tgt Ion:167 Resp: 90691

Ion Ratio Lower Upper

167 100

166 21.8 18.3 27.5

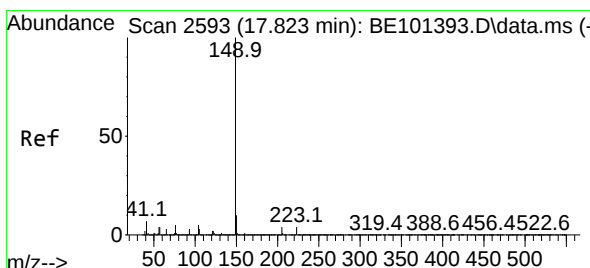
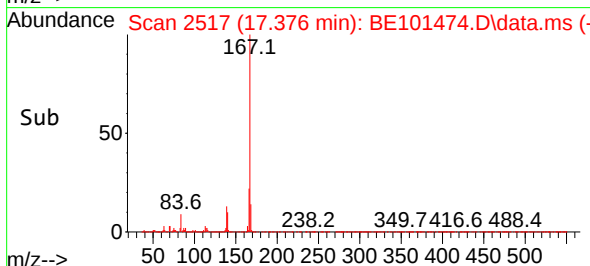
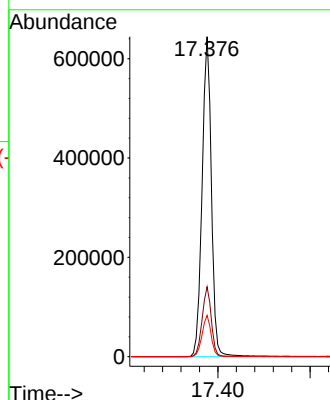
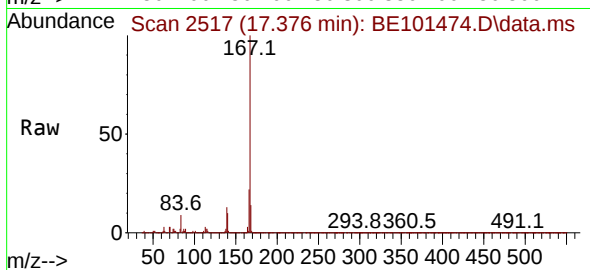
139 12.9 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#74

Di-n-butylphthalate

Concen: 57.325 ng

RT: 17.823 min Scan# 2593

Delta R.T. -0.000 min

Lab File: BE101474.D

Acq: 5 Nov 2024 12:09

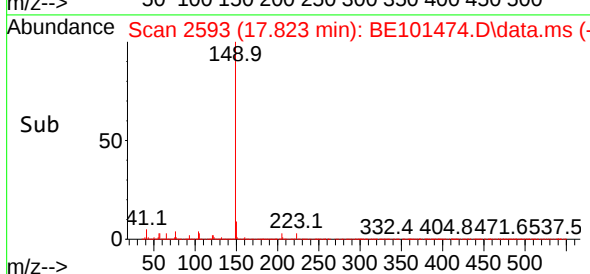
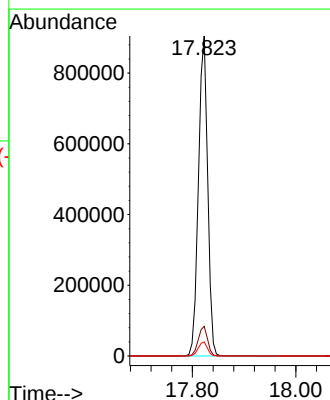
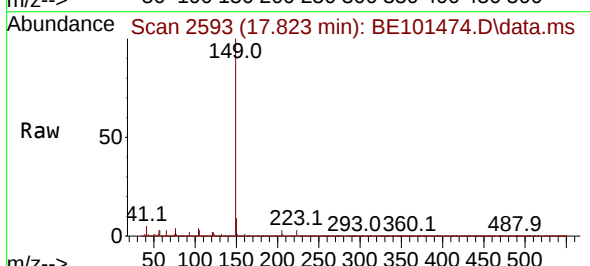
Tgt Ion:149 Resp: 1117663

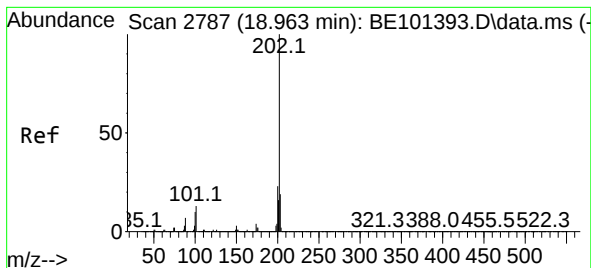
Ion Ratio Lower Upper

149 100

150 9.3 8.2 12.4

104 4.4 3.9 5.9





#75
Fluoranthene
Concen: 52.365 ng
RT: 18.963 min Scan# 21
Delta R.T. -0.000 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

Instrument :

BNA_E

ClientSampleId :

PB164639BS

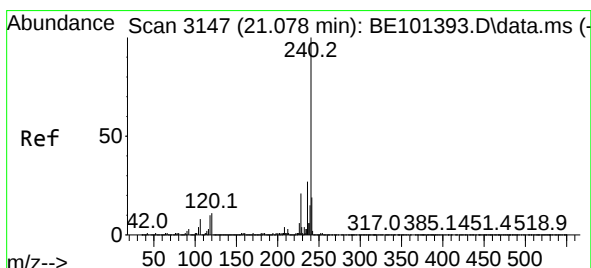
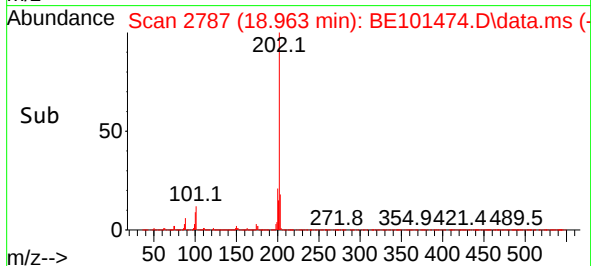
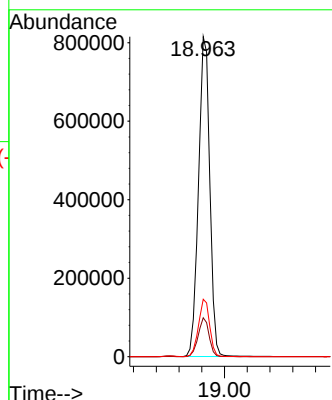
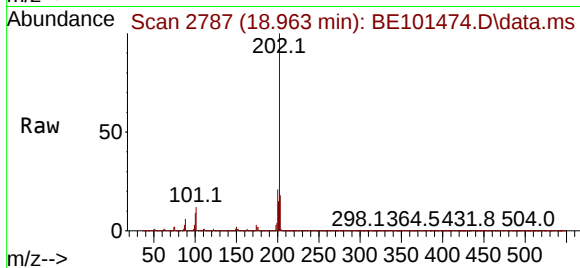
Tgt Ion:202 Resp: 1127414
Ion Ratio Lower Upper
202 100
101 12.2 0.0 33.3
203 17.9 0.0 39.3

Manual Integrations

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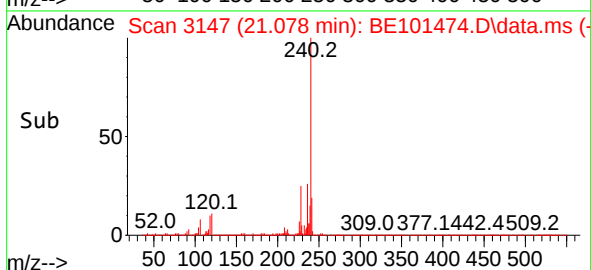
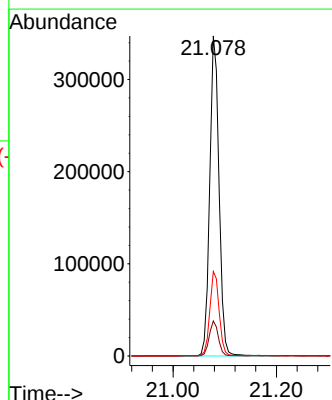
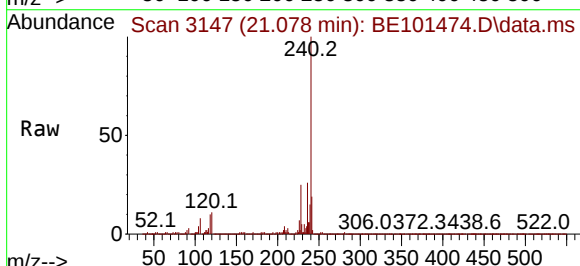
Reviewed By :Yogesh Patel 11/06/2024

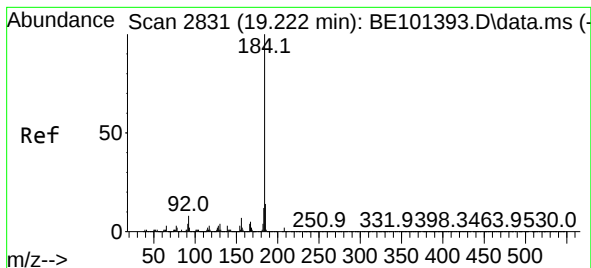
Supervised By :mohammad ahmed 11/06/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.078 min Scan# 3147
Delta R.T. -0.000 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

Tgt Ion:240 Resp: 432772
Ion Ratio Lower Upper
240 100
120 11.0 9.0 13.4
236 26.4 21.4 32.0





#77

Benzidine

Concen: 89.780 ng

RT: 19.215 min Scan# 2831

Delta R.T. -0.006 min

Lab File: BE101474.D

Acq: 5 Nov 2024 12:09

Instrument :

BNA_E

ClientSampleId :

PB164639BS

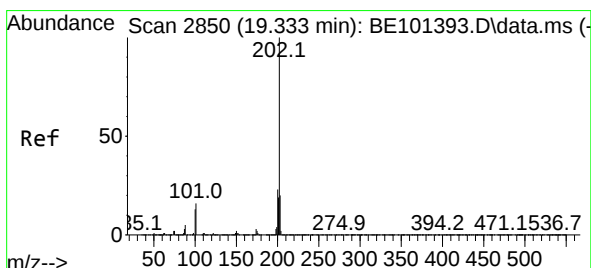
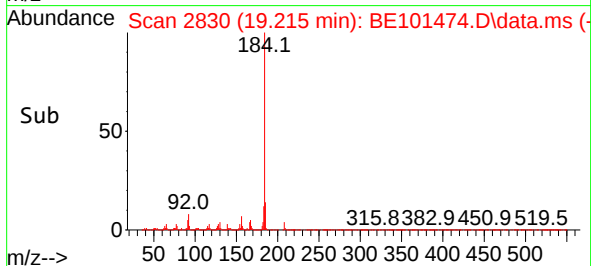
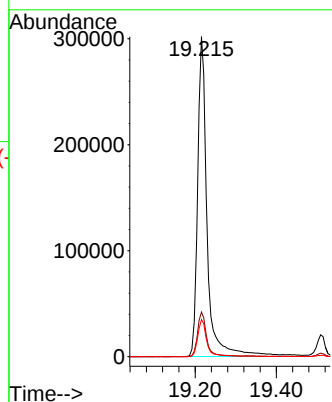
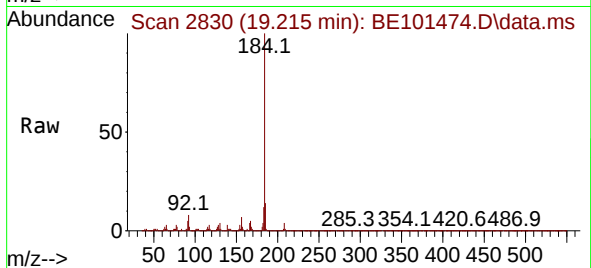
Tgt Ion:184	Resp: 493124
Ion Ratio	Lower Upper
184	100
185	14.0 11.5 17.3
183	11.6 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#78

Pyrene

Concen: 50.657 ng

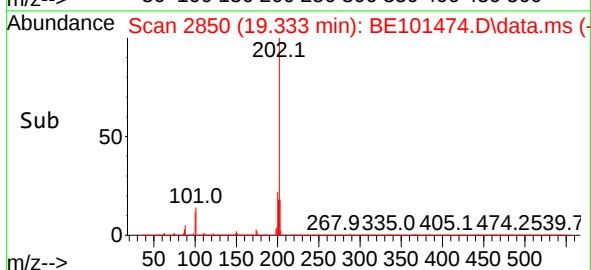
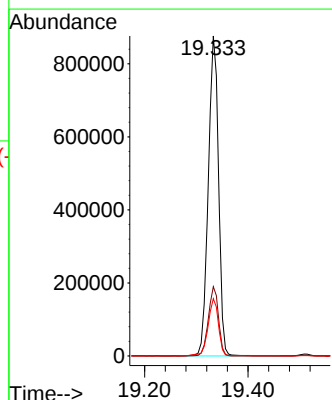
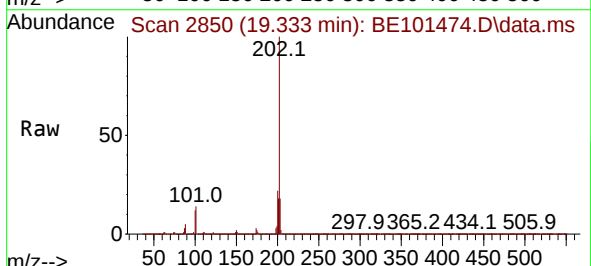
RT: 19.333 min Scan# 2850

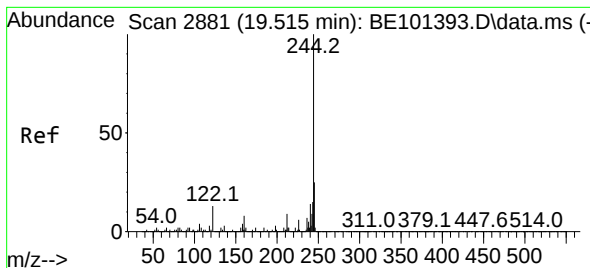
Delta R.T. -0.000 min

Lab File: BE101474.D

Acq: 5 Nov 2024 12:09

Tgt Ion:202	Resp: 1205586
Ion Ratio	Lower Upper
202	100
200	21.7 18.6 28.0
203	17.9 15.6 23.4





#79

Terphenyl-d14

Concen: 106.528 ng

RT: 19.509 min Scan# 2881

Delta R.T. -0.006 min

Lab File: BE101474.D

Acq: 5 Nov 2024 12:09

Instrument :

BNA_E

ClientSampleId :

PB164639BS

Tgt Ion:244 Resp: 2003089

Ion Ratio Lower Upper

244 100

212 7.4 7.2 10.8

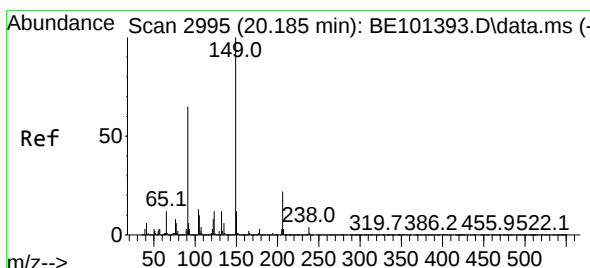
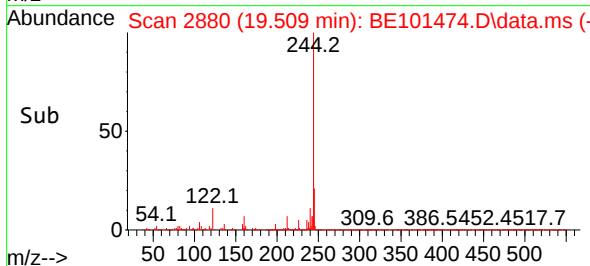
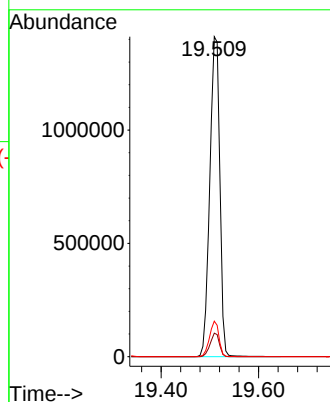
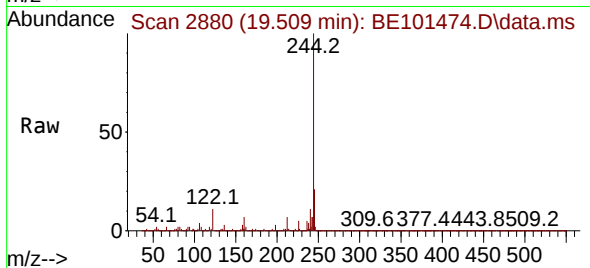
122 11.1 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#80

Butylbenzylphthalate

Concen: 53.936 ng

RT: 20.179 min Scan# 2994

Delta R.T. -0.006 min

Lab File: BE101474.D

Acq: 5 Nov 2024 12:09

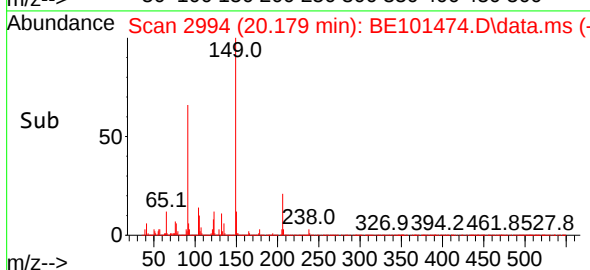
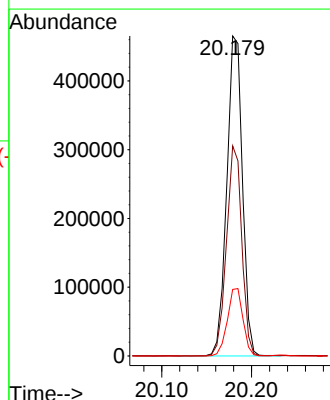
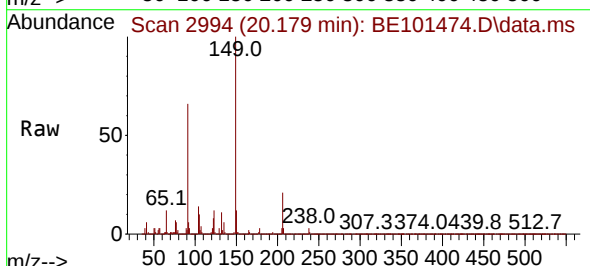
Tgt Ion:149 Resp: 562726

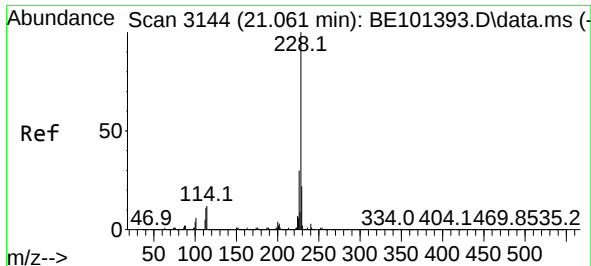
Ion Ratio Lower Upper

149 100

91 65.7 51.8 77.8

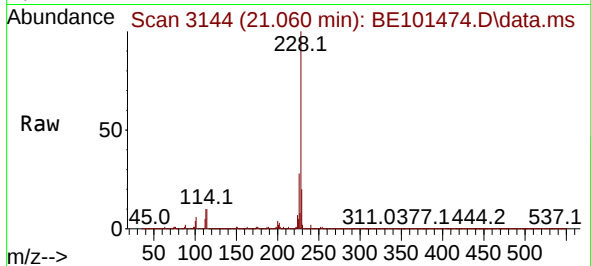
206 20.8 17.4 26.2





#81
Benzo(a)anthracene
Concen: 55.854 ng
RT: 21.060 min Scan# 3144
Delta R.T. -0.000 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

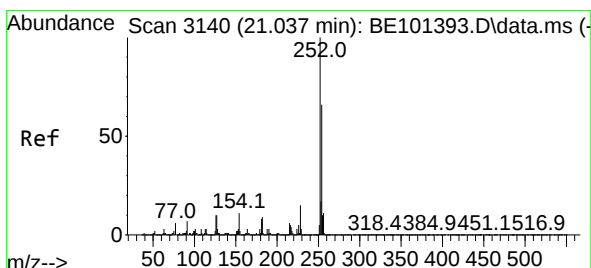
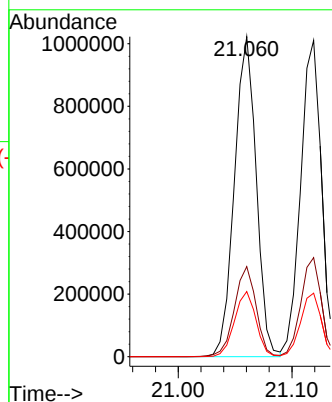
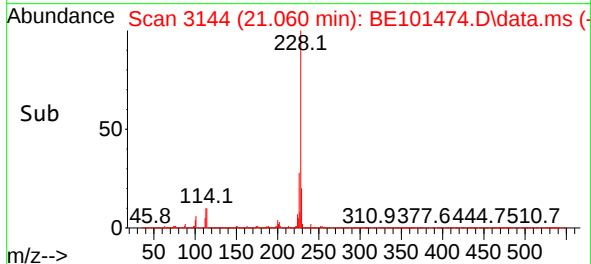
Instrument :
BNA_E
ClientSampleId :
PB164639BS



Tgt Ion:228 Resp: 1358634
Ion Ratio Lower Upper
228 100
226 28.1 24.1 36.1
229 20.4 17.3 25.9

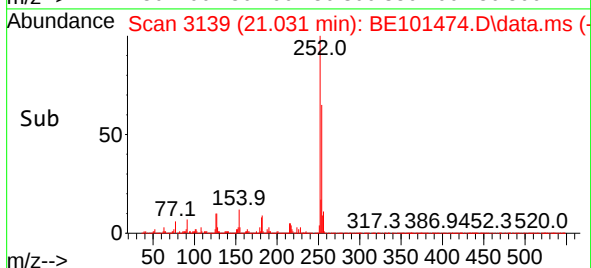
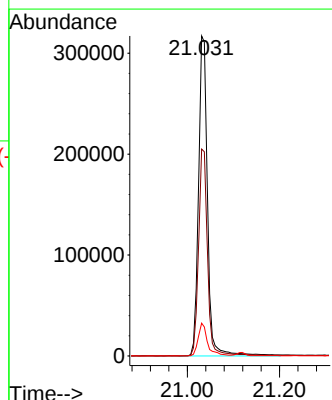
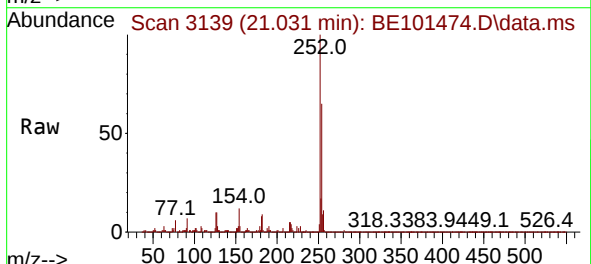
Manual Integrations
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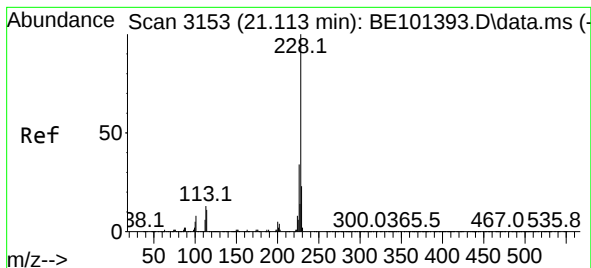
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#82
3,3'-Dichlorobenzidine
Concen: 45.029 ng
RT: 21.031 min Scan# 3139
Delta R.T. -0.006 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

Tgt Ion:252 Resp: 429071
Ion Ratio Lower Upper
252 100
254 64.6 52.6 78.8
126 10.3 7.7 11.5





#83

Chrysene

Concen: 55.027 ng

RT: 21.119 min Scan# 3153

Delta R.T. 0.006 min

Lab File: BE101474.D

Acq: 5 Nov 2024 12:09

Instrument :

BNA_E

ClientSampleId :

PB164639BS

Tgt Ion:228 Resp: 129414

Ion Ratio Lower Upper

228 100

226 31.3 27.2 40.8

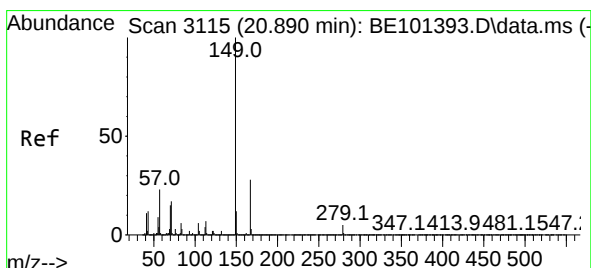
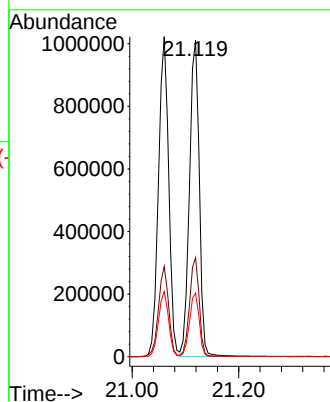
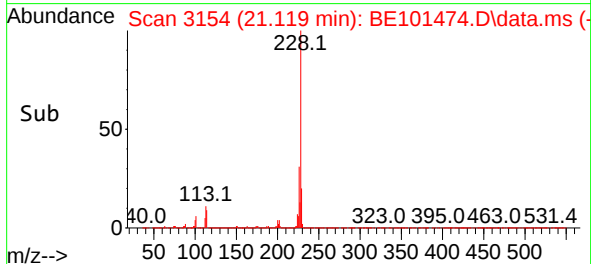
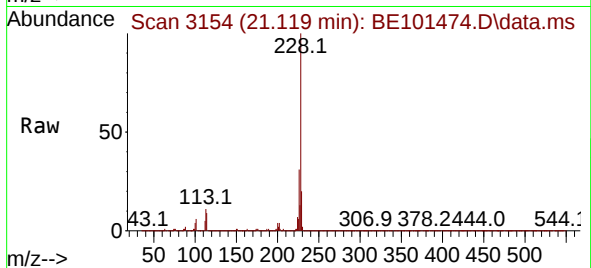
229 20.1 18.0 27.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 62.203 ng

RT: 20.884 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BE101474.D

Acq: 5 Nov 2024 12:09

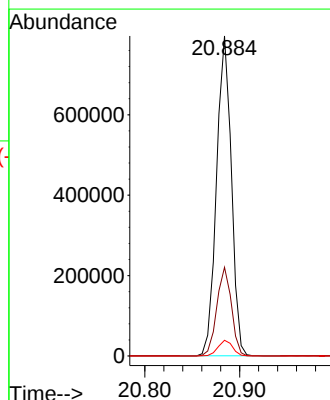
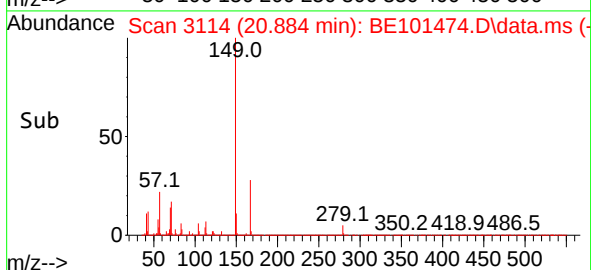
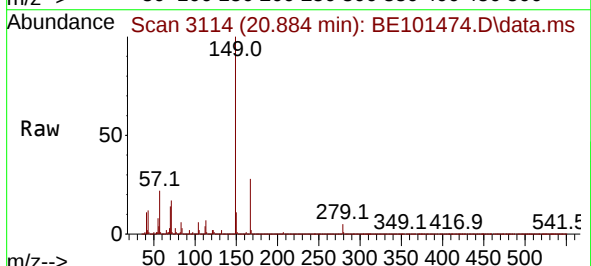
Tgt Ion:149 Resp: 862140

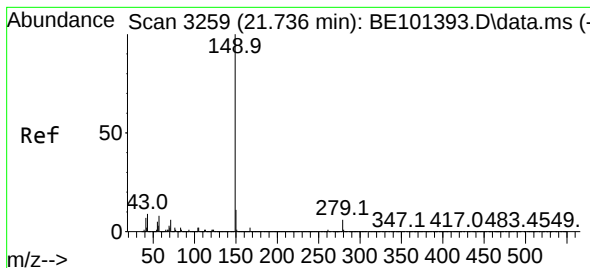
Ion Ratio Lower Upper

149 100

167 27.7 22.7 34.1

279 4.9 4.3 6.5





#85

Di-n-octyl phthalate

Concen: 69.306 ng

RT: 21.730 min Scan# 31

Delta R.T. -0.006 min

Lab File: BE101474.D

Acq: 5 Nov 2024 12:09

Instrument :

BNA_E

ClientSampleId :

PB164639BS

Tgt Ion:149 Resp: 157660

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

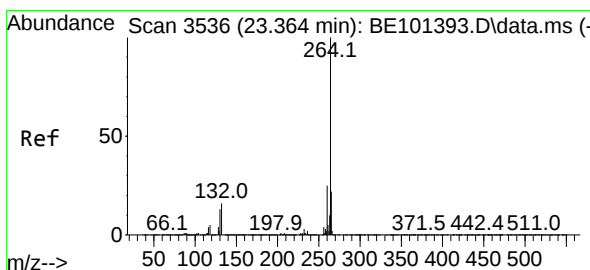
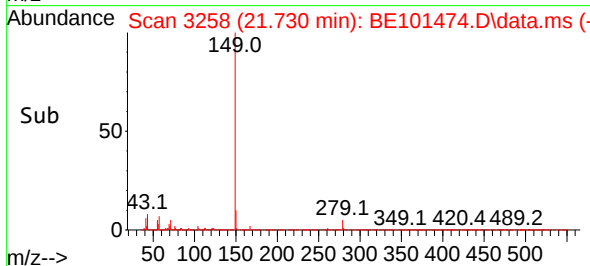
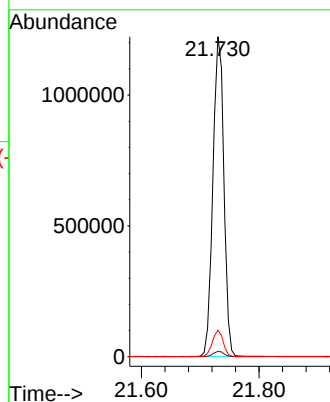
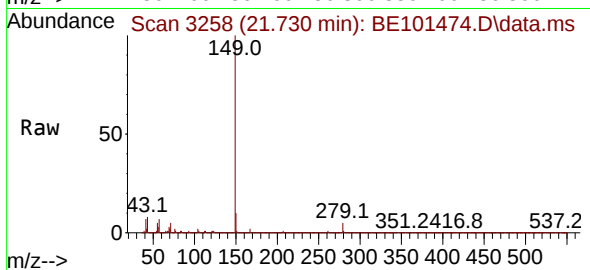
43 8.0 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.369 min Scan# 3537

Delta R.T. 0.006 min

Lab File: BE101474.D

Acq: 5 Nov 2024 12:09

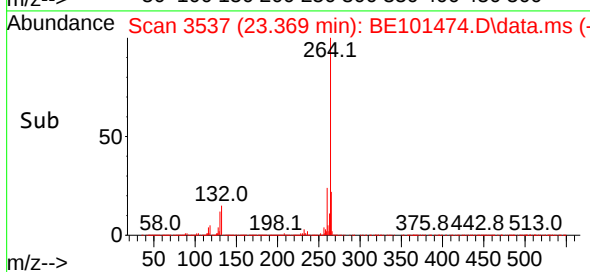
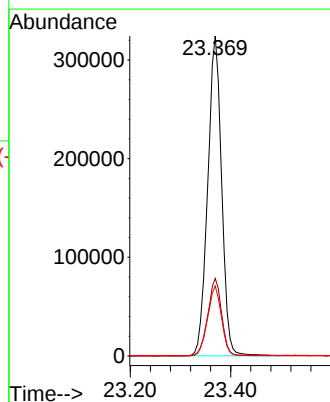
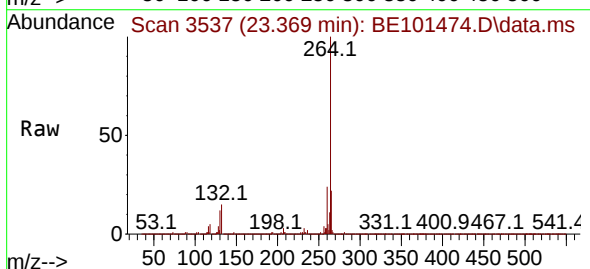
Tgt Ion:264 Resp: 625016

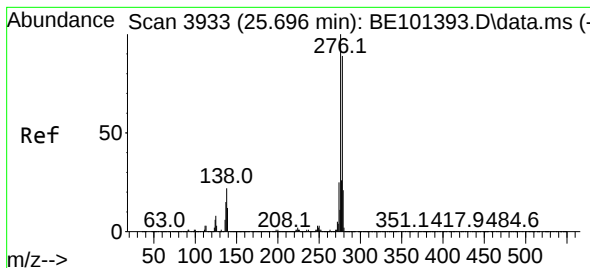
Ion Ratio Lower Upper

264 100

260 24.2 19.8 29.8

265 21.9 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.065 ng

RT: 25.714 min Scan# 3933

Delta R.T. 0.017 min

Lab File: BE101474.D

Acq: 5 Nov 2024 12:09

Instrument :

BNA_E

ClientSampleId :

PB164639BS

Tgt Ion:276 Resp: 2303290

Ion Ratio Lower Upper

276 100

138 21.7 17.8 26.8

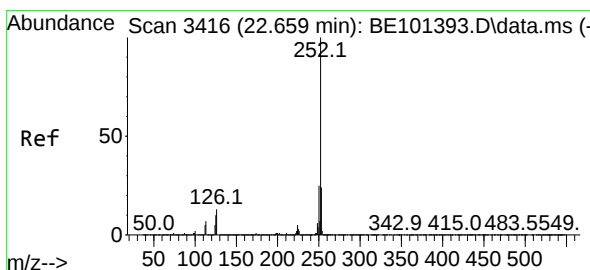
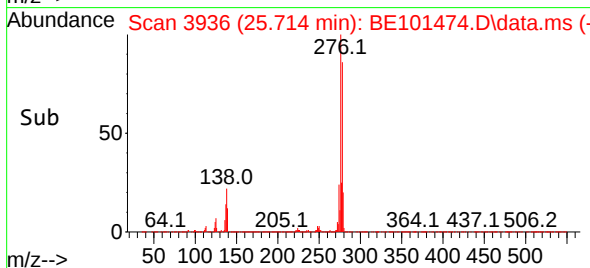
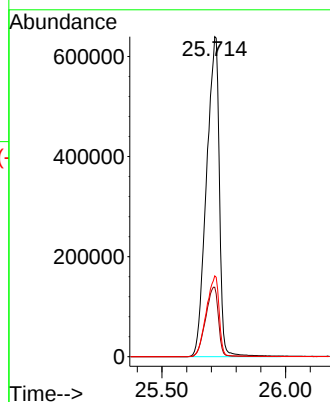
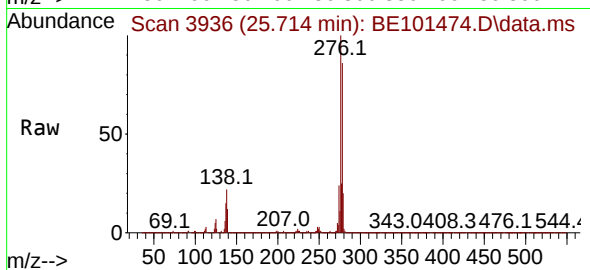
277 25.3 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#88

Benzo(b)fluoranthene

Concen: 49.940 ng

RT: 22.664 min Scan# 3417

Delta R.T. 0.006 min

Lab File: BE101474.D

Acq: 5 Nov 2024 12:09

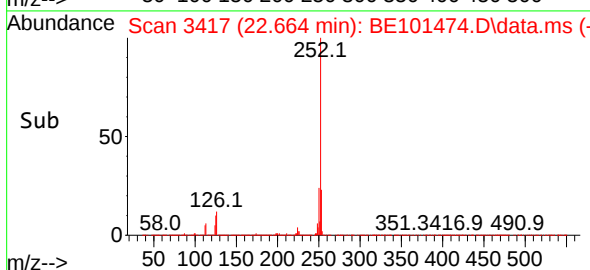
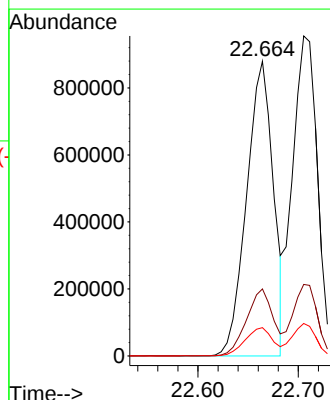
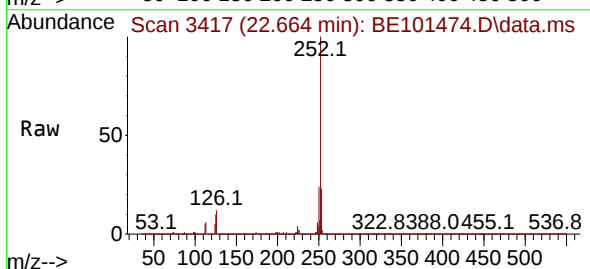
Tgt Ion:252 Resp: 1626650

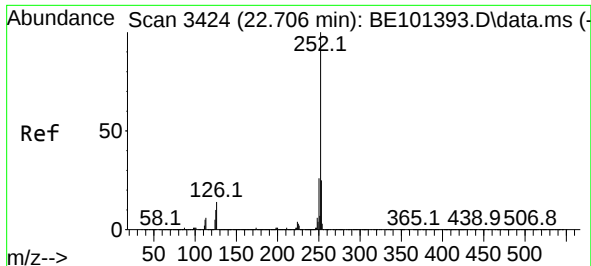
Ion Ratio Lower Upper

252 100

253 22.8 19.0 28.6

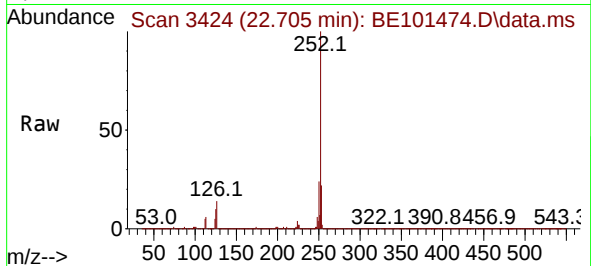
125 9.6 8.2 12.2





#89
Benzo(k)fluoranthene
Concen: 54.555 ng
RT: 22.705 min Scan# 3424
Delta R.T. -0.000 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

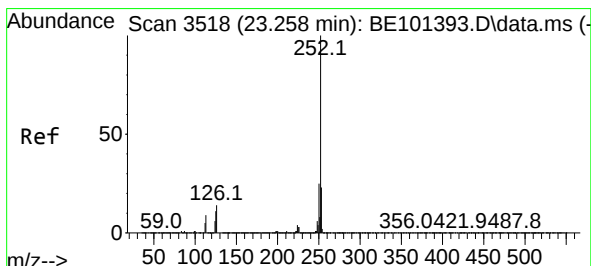
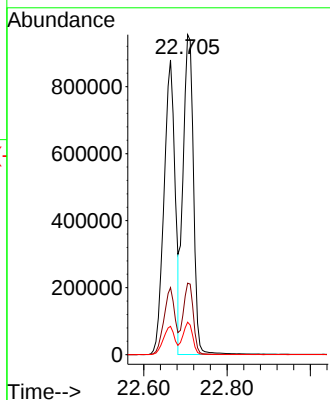
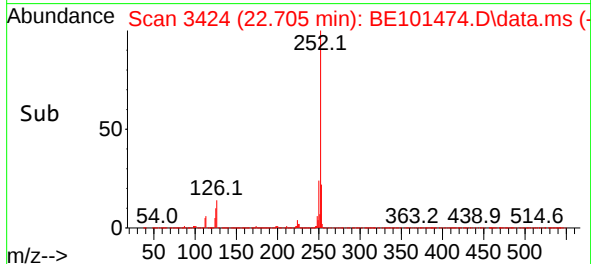
Instrument :
BNA_E
ClientSampleId :
PB164639BS



Tgt Ion:252 Resp: 166014
Ion Ratio Lower Upper
252 100
253 22.4 19.4 29.2
125 10.2 8.2 12.2

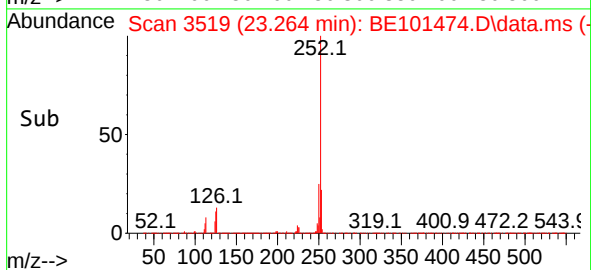
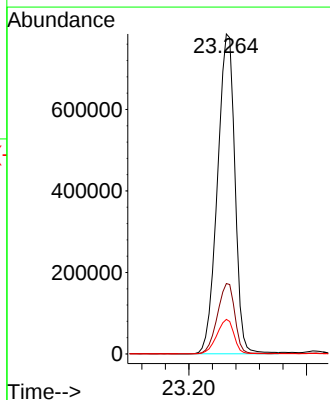
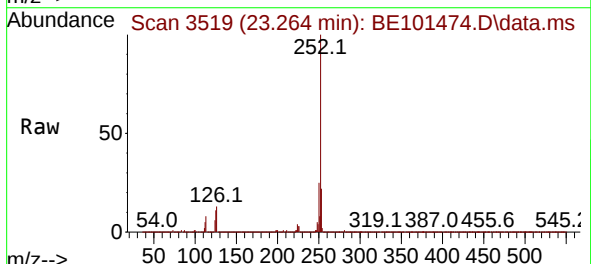
Manual Integrations
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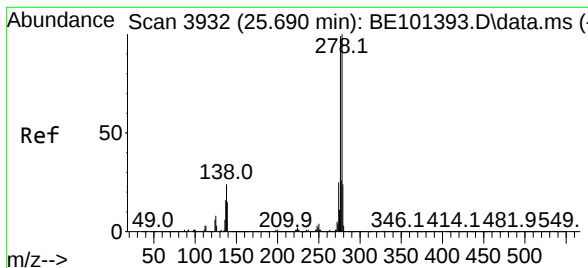
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#90
Benzo(a)pyrene
Concen: 56.707 ng
RT: 23.264 min Scan# 3519
Delta R.T. 0.006 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

Tgt Ion:252 Resp: 1615365
Ion Ratio Lower Upper
252 100
253 22.0 18.4 27.6
125 10.8 9.0 13.6





#91
Dibenzo(a,h)anthracene
Concen: 54.851 ng
RT: 25.702 min Scan# 3932
Delta R.T. 0.011 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

Instrument :

BNA_E

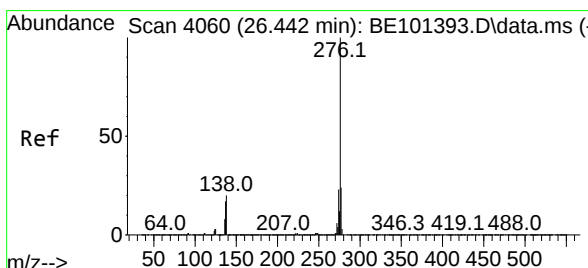
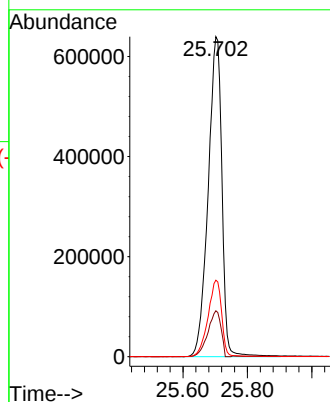
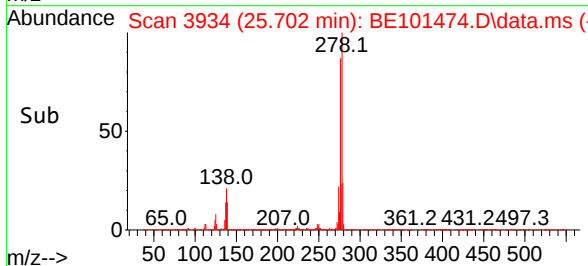
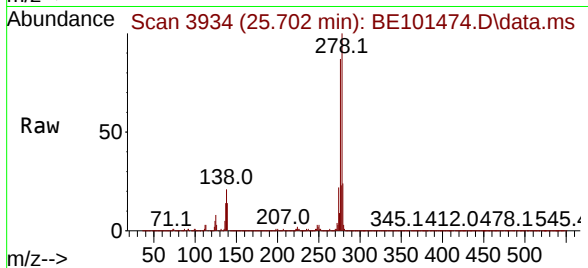
ClientSampleId :

PB164639BS

Tgt Ion:278 Resp: 1895824
Ion Ratio Lower Upper
278 100
139 14.4 11.9 17.9
279 23.9 19.3 28.9

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#92
Benzo(g,h,i)perylene
Concen: 48.772 ng
RT: 26.460 min Scan# 4063
Delta R.T. 0.017 min
Lab File: BE101474.D
Acq: 5 Nov 2024 12:09

Tgt Ion:276 Resp: 1736882
Ion Ratio Lower Upper
276 100
277 24.3 19.4 29.2
138 19.1 15.8 23.6

