

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110824\
 Data File : BE101546.D
 Acq On : 8 Nov 2024 11:27
 Operator : RC/JU
 Sample : PB164765BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB164765BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/10/2024
 Supervised By :mohammad ahmed 11/11/2024

Quant Time: Nov 08 11:12:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE110624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 07 00:01:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.559	152	39669	20.000	ng	0.00
21) Naphthalene-d8	10.326	136	182397	20.000	ng	0.00
39) Acenaphthene-d10	14.169	164	121151	20.000	ng	0.00
64) Phenanthrene-d10	16.907	188	268998	20.000	ng	0.00
76) Chrysene-d12	21.072	240	348750	20.000	ng	0.00
86) Perylene-d12	23.352	264	477959	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.314	112	391806	174.641	ng	0.00
7) Phenol-d6	6.942	99	503646	163.734	ng	0.00
23) Nitrobenzene-d5	8.769	82	298098	103.233	ng	0.00
42) 2,4,6-Tribromophenol	15.679	330	339065	148.733	ng	0.00
45) 2-Fluorobiphenyl	12.794	172	763305	102.874	ng	0.00
79) Terphenyl-d14	19.503	244	1645290	104.429	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.193	88	33564	40.202	ng	99
3) Pyridine	3.610	79	90008	38.548	ng	96
4) n-Nitrosodimethylamine	3.540	42	47766	51.660	ng	95
6) Aniline	6.995	93	169491	73.415	ng	98
8) 2-Chlorophenol	7.206	128	145936	54.905	ng	98
9) Benzaldehyde	6.771	77	10368	6.891	ng	96
10) Phenol	6.965	94	193650	57.836	ng	99
11) bis(2-Chloroethyl)ether	7.024	93	126397m	45.601	ng	
12) 1,3-Dichlorobenzene	7.447	146	136200	46.937	ng	99
13) 1,4-Dichlorobenzene	7.594	146	141042	47.988	ng	98
14) 1,2-Dichlorobenzene	7.923	146	137522	47.666	ng	99
15) Benzyl Alcohol	7.894	79	97292	54.146	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.052	45	175311	53.431	ng	95
17) 2-Methylphenol	8.146	107	116679	53.826	ng	99
18) Hexachloroethane	8.616	117	46992	47.343	ng	97
19) n-Nitroso-di-n-propyla...	8.364	70	101544	50.066	ng	98
20) 3+4-Methylphenols	8.481	107	158529	52.743	ng	98
22) Acetophenone	8.411	105	202418	49.003	ng	# 99
24) Nitrobenzene	8.810	77	148824	49.551	ng	96
25) Isophorone	9.257	82	275877	49.092	ng	98
26) 2-Nitrophenol	9.498	139	81076	50.725	ng	97
27) 2,4-Dimethylphenol	9.615	122	116127	62.791	ng	99
28) bis(2-Chloroethoxy)met...	9.756	93	166352	48.359	ng	99
29) 2,4-Dichlorophenol	10.050	162	136043	51.818	ng	98
30) 1,2,4-Trichlorobenzene	10.173	180	132310	45.144	ng	100
31) Naphthalene	10.373	128	446462	48.486	ng	100
32) Benzoic acid	9.885	122	68162	40.662	ng	96
33) 4-Chloroaniline	10.602	127	101003	31.192	ng	99
34) Hexachlorobutadiene	10.620	225	81126	44.909	ng	99
35) Caprolactam	11.378	113	46038m	47.752	ng	
36) 4-Chloro-3-methylphenol	11.783	107	141553	49.374	ng	99
37) 2-Methylnaphthalene	11.965	142	319375	48.832	ng	98
38) 1-Methylnaphthalene	12.194	142	300436	46.063	ng	98
40) 1,2,4,5-Tetrachloroben...	12.324	216	157191	49.213	ng	99
41) Hexachlorocyclopentadiene	12.306	237	206372	221.405	ng	99
43) 2,4,6-Trichlorophenol	12.647	196	114541	52.215	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.753	196	124651	51.006	ng	97
46) 1,1'-Biphenyl	12.999	154	414187	49.562	ng	99
47) 2-Chloronaphthalene	13.046	162	322002	48.853	ng	100
48) 2-Nitroaniline	13.375	65	95976	55.009	ng	96
49) Acenaphthylene	13.904	152	527893	53.744	ng	99
50) Dimethylphthalate	13.675	163	431770	50.048	ng	100
51) 2,6-Dinitrotoluene	13.810	165	96343	48.385	ng	97
52) Acenaphthene	14.233	154	320905	51.197	ng	98
53) 3-Nitroaniline	14.221	138	72409	37.458	ng	98
54) 2,4-Dinitrophenol	14.368	184	130816	112.108	ng	98
55) Dibenzofuran	14.574	168	510603	50.587	ng	99
56) 4-Nitrophenol	14.656	139	183303	114.835	ng	94
57) 2,4-Dinitrotoluene	14.597	165	140318	50.160	ng	95
58) Fluorene	15.214	166	424454	50.389	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.850	232	120295	53.196	ng	99
60) Diethylphthalate	15.003	149	450901	49.569	ng	99
61) 4-Chlorophenyl-phenyle...	15.197	204	206925	48.375	ng	98
62) 4-Nitroaniline	15.414	138	108399	52.048	ng	97
63) Azobenzene	15.496	77	389729	52.516	ng	97
65) 4,6-Dinitro-2-methylph...	15.344	198	88341	55.324	ng	97
66) n-Nitrosodiphenylamine	15.449	169	378253	52.986	ng	99
67) 4-Bromophenyl-phenylether	16.084	248	145858	49.162	ng	99
68) Hexachlorobenzene	16.196	284	188514	48.280	ng	98
69) Atrazine	16.384	200	118062	56.017	ng	97
70) Pentachlorophenol	16.607	266	226190	106.764	ng	99
71) Phenanthrene	16.948	178	700206	53.519	ng	99
72) Anthracene	17.036	178	719643	55.699	ng	100
73) Carbazole	17.371	167	691394	53.362	ng	99
74) Di-n-butylphthalate	17.811	149	829412	51.837	ng	99
75) Fluoranthene	18.957	202	882816	52.628	ng	100
77) Benzidine	19.210	184	375815	50.166	ng	100
78) Pyrene	19.327	202	954484	48.101	ng	100
80) Butylbenzylphthalate	20.173	149	441852	49.549	ng	98
81) Benzo(a)anthracene	21.049	228	1109594	53.571	ng	100
82) 3,3'-Dichlorobenzidine	21.025	252	395580	48.517	ng	98
83) Chrysene	21.108	228	1058038	53.743	ng	99
84) Bis(2-ethylhexyl)phtha...	20.872	149	653624	48.480	ng	100
85) Di-n-octyl phthalate	21.719	149	1203152	52.750	ng	99
87) Indeno(1,2,3-cd)pyrene	25.690	276	1782258	54.262	ng	99
88) Benzo(b)fluoranthene	22.653	252	1304299	49.739	ng	100
89) Benzo(k)fluoranthene	22.694	252	1293730	54.348	ng	99
90) Benzo(a)pyrene	23.252	252	1261937	55.741	ng	99
91) Dibenzo(a,h)anthracene	25.684	278	1476377	53.972	ng	99
92) Benzo(g,h,i)perylene	26.437	276	1325956	47.712	ng	99

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

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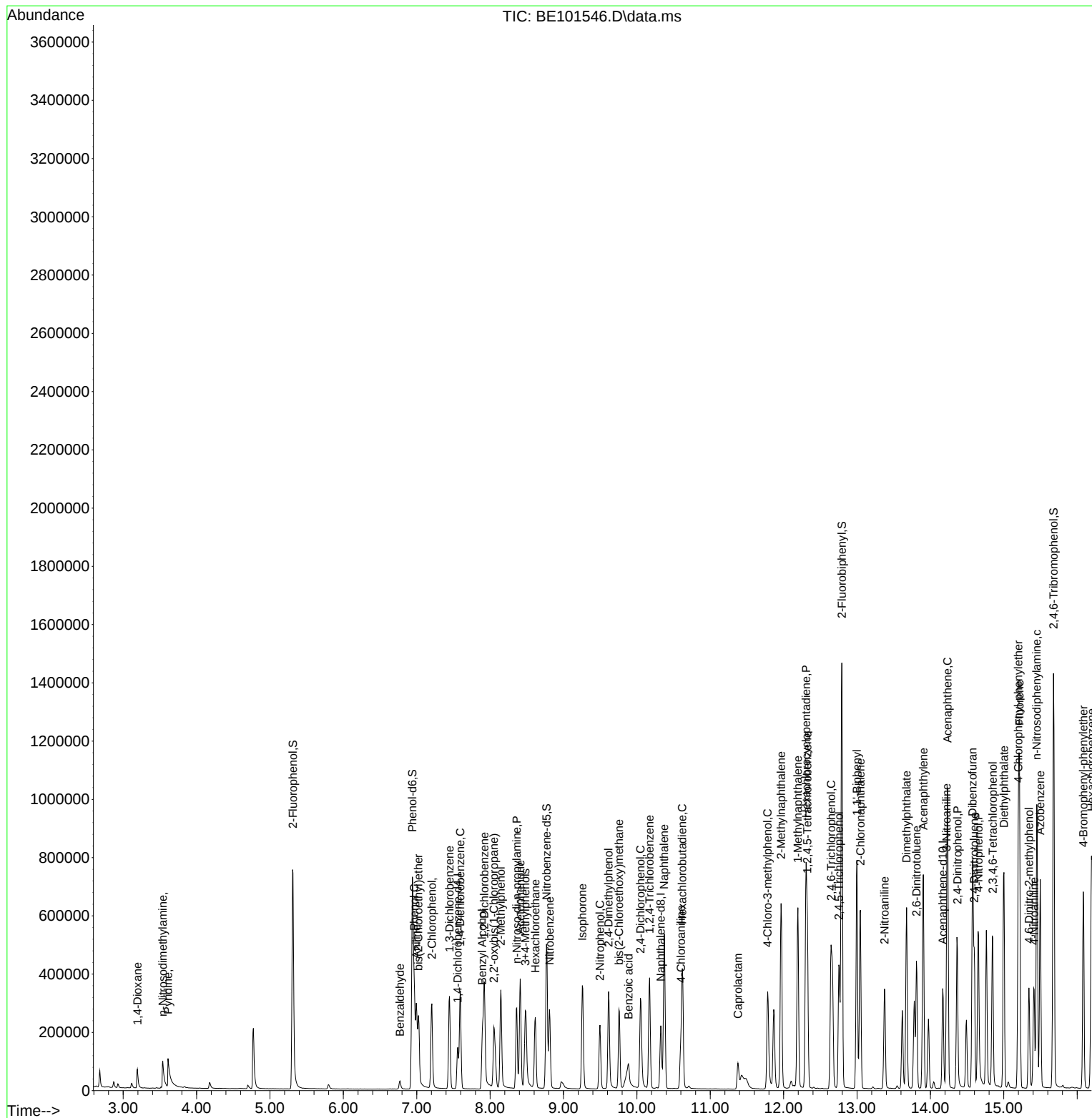
Manual Integrations

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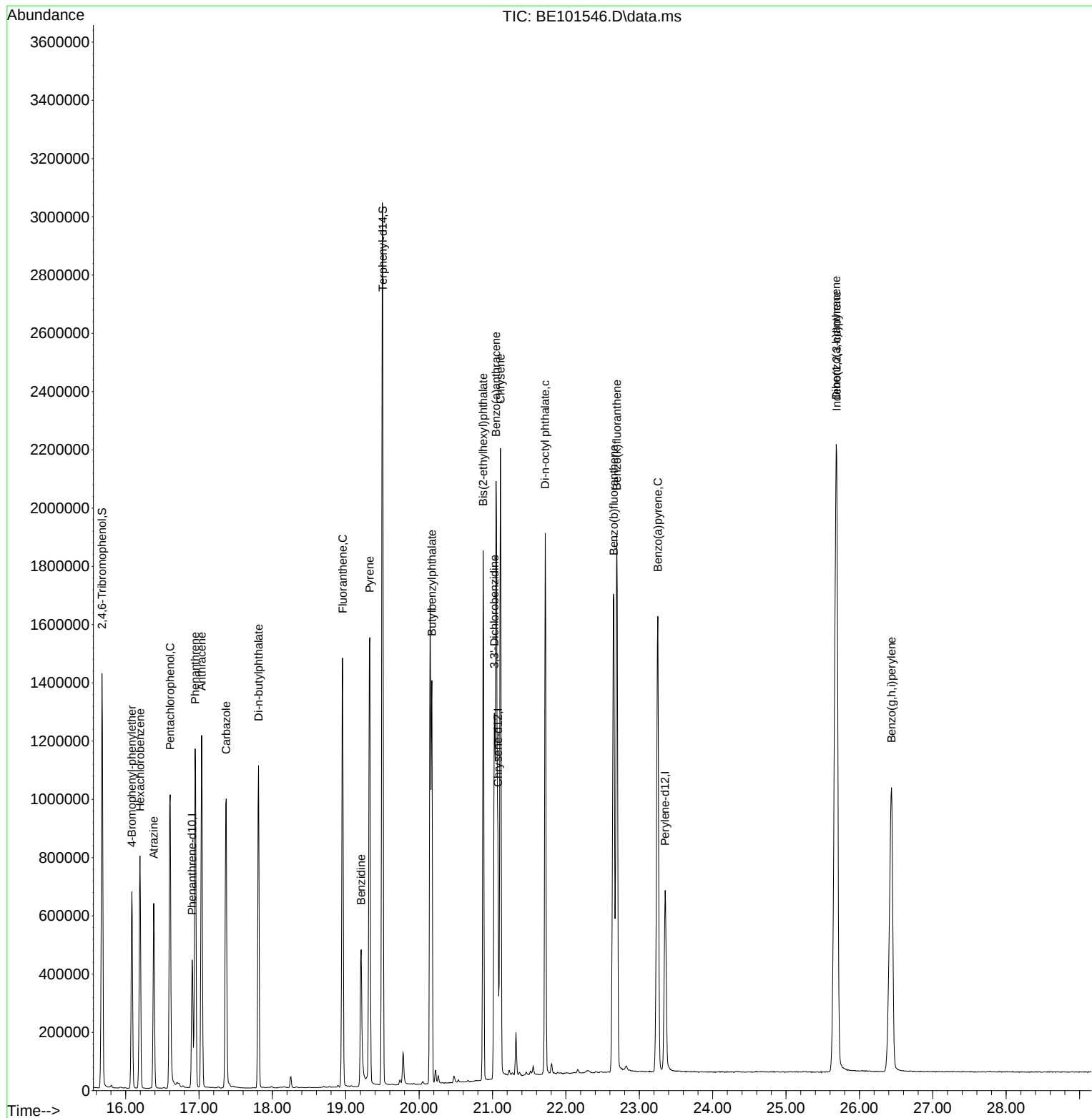
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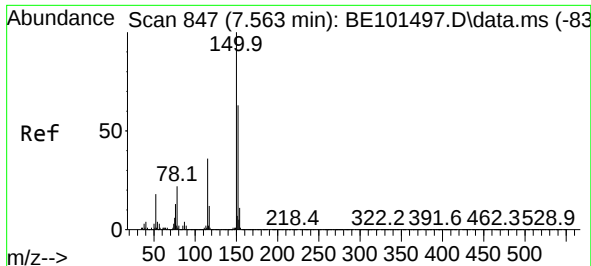
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.559 min Scan# 847
Delta R.T. -0.004 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

Instrument :

BNA_E

ClientSampleId :

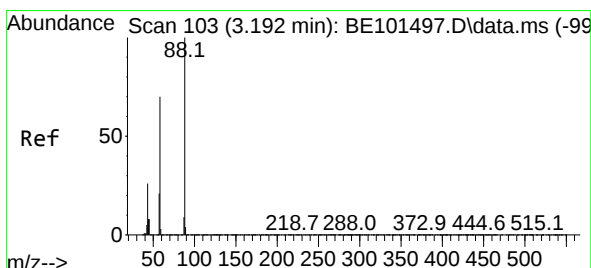
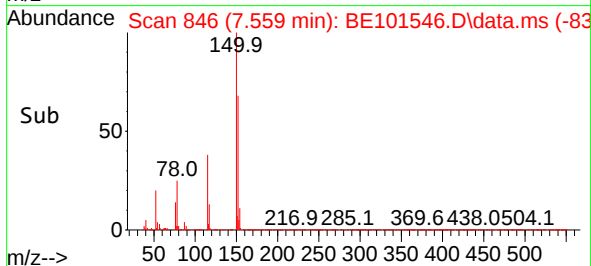
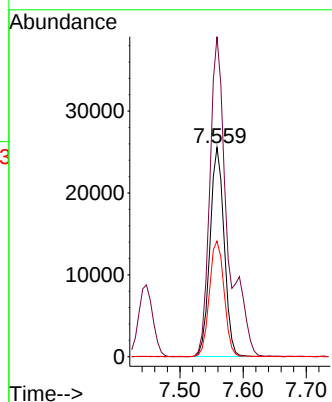
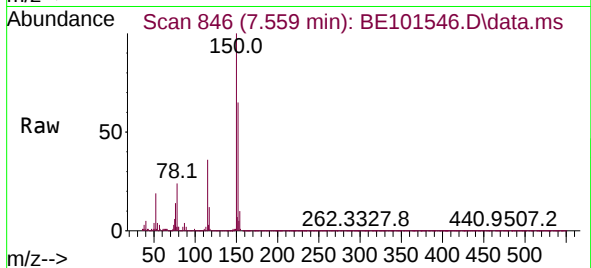
PB164765BS

Tgt Ion:152 Resp: 39669
Ion Ratio Lower Upper
152 100
150 153.0 126.3 189.5
115 55.3 45.0 67.4

Manual Integrations

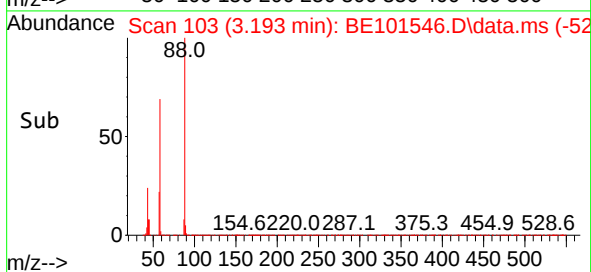
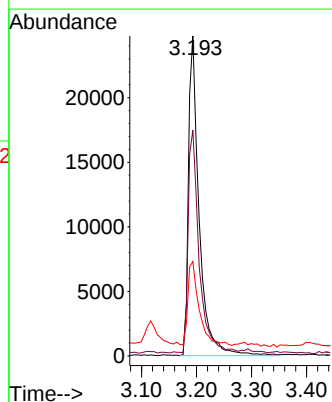
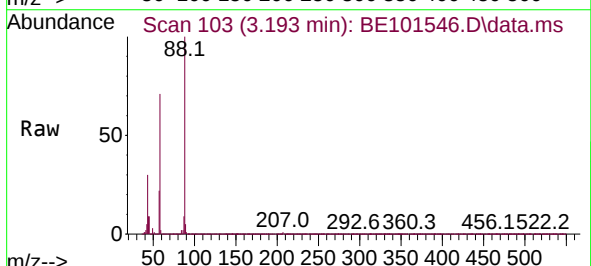
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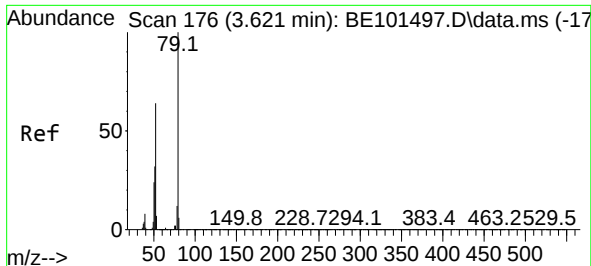
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#2
1,4-Dioxane
Concen: 40.202 ng
RT: 3.193 min Scan# 103
Delta R.T. 0.001 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

Tgt Ion: 88 Resp: 33564
Ion Ratio Lower Upper
88 100
58 70.1 56.5 84.7
43 27.6 20.8 31.2





#3
Pyridine
Concen: 38.548 ng
RT: 3.610 min Scan# 11
Delta R.T. -0.010 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

Instrument :

BNA_E

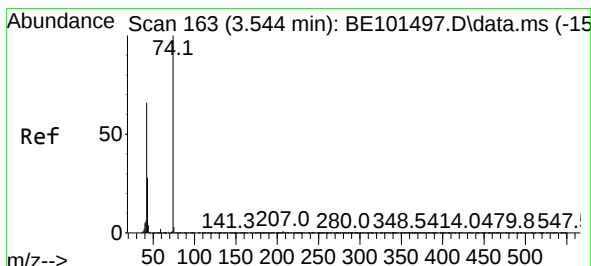
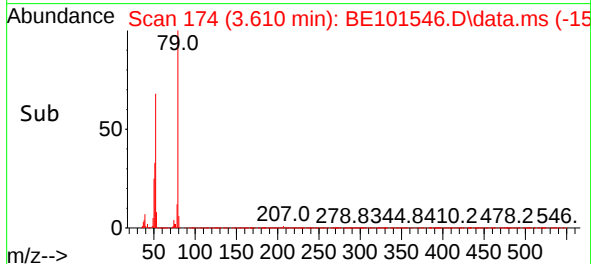
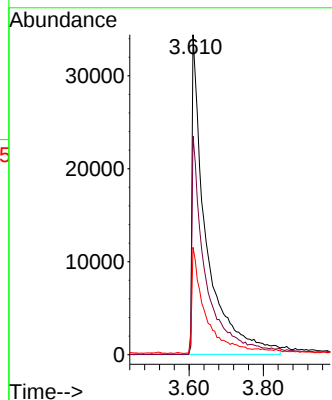
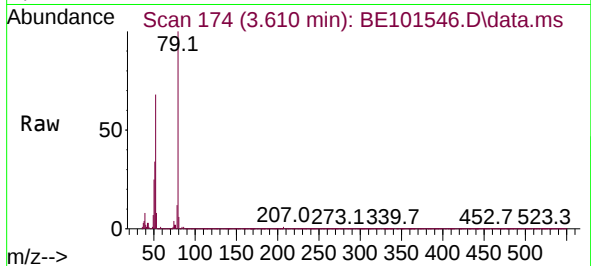
ClientSampleId :

PB164765BS

Tgt Ion: 79 Resp: 90008
Ion Ratio Lower Upper
79 100
52 68.3 51.1 76.7
51 33.6 26.2 39.2

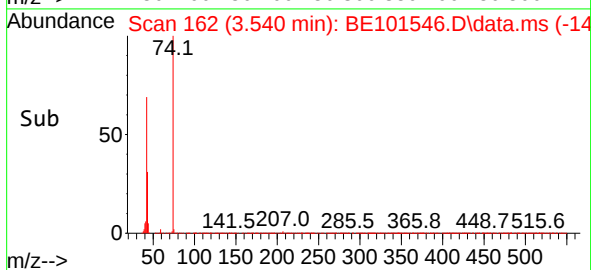
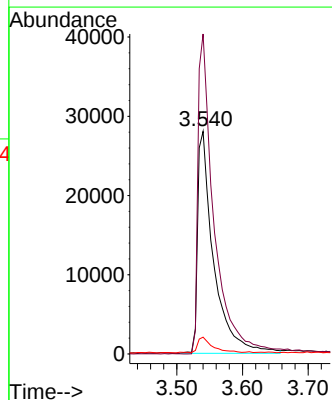
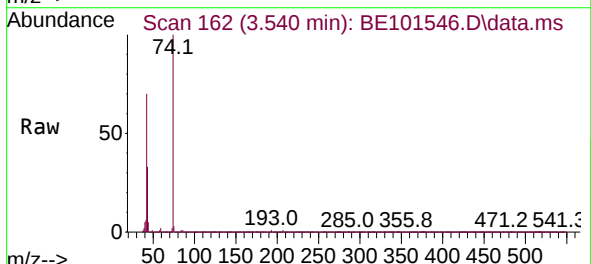
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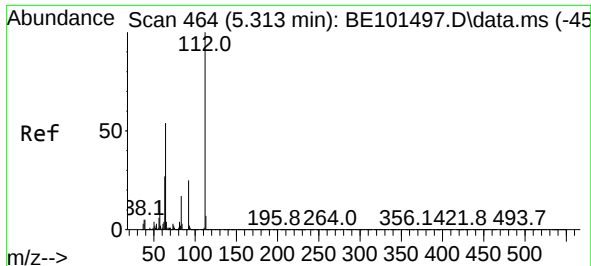
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#4
n-Nitrosodimethylamine
Concen: 51.660 ng
RT: 3.540 min Scan# 162
Delta R.T. -0.005 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

Tgt Ion: 42 Resp: 47766
Ion Ratio Lower Upper
42 100
74 143.8 120.1 180.1
44 7.5 5.8 8.6





#5
2-Fluorophenol
Concen: 174.641 ng
RT: 5.314 min Scan# 40
Delta R.T. 0.001 min
Lab File: BE101546.D
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Instrument :

BNA_E

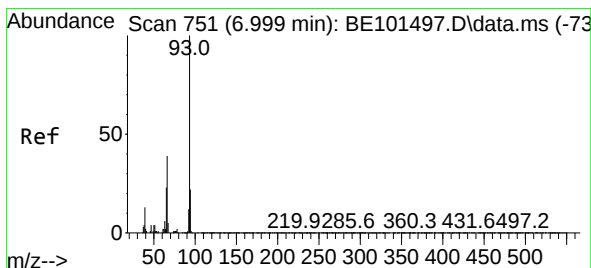
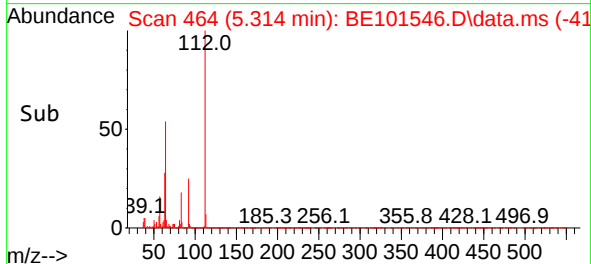
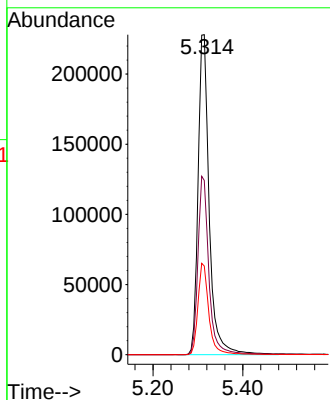
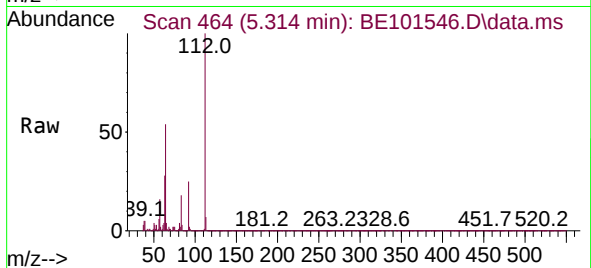
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Tgt Ion:112 Resp: 391800
Ion Ratio Lower Upper
112 100
64 54.4 43.2 64.8
63 27.7 21.8 32.6

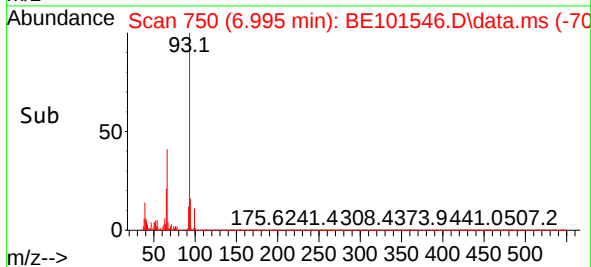
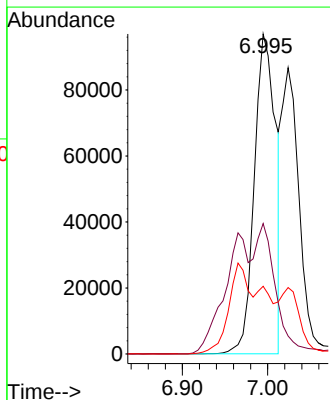
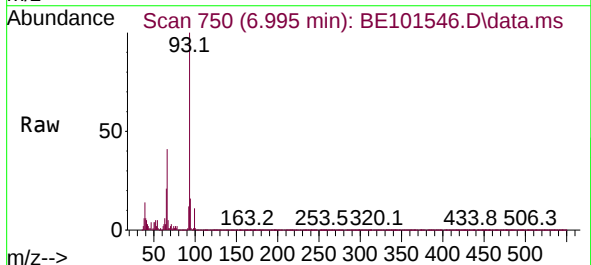
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#6
Aniline
Concen: 73.415 ng
RT: 6.995 min Scan# 750
Delta R.T. -0.005 min
Lab File: BE101546.D
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Tgt Ion: 93 Resp: 169491
Ion Ratio Lower Upper
93 100
66 40.7 33.4 50.0
65 21.2 18.5 27.7





#7

Phenol-d6

Concen: 163.734 ng

RT: 6.942 min Scan# 742

Delta R.T. -0.005 min

Lab File: BE101546.D

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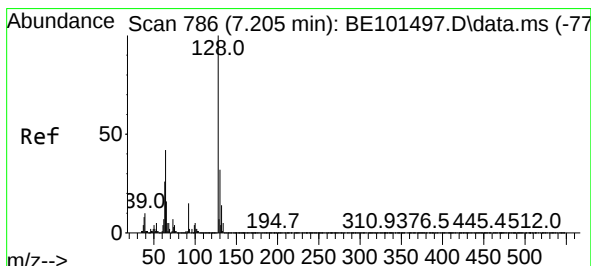
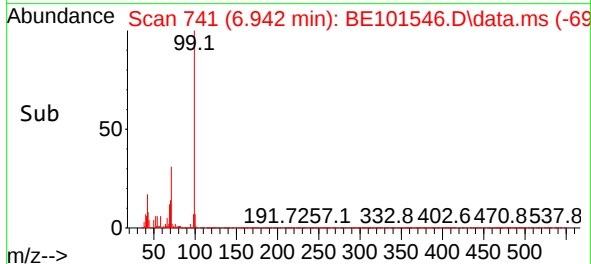
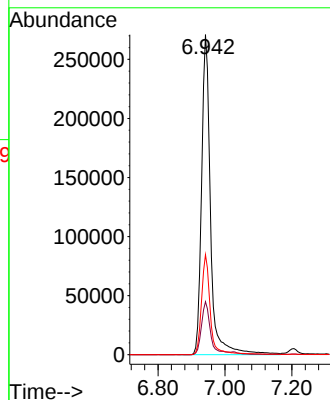
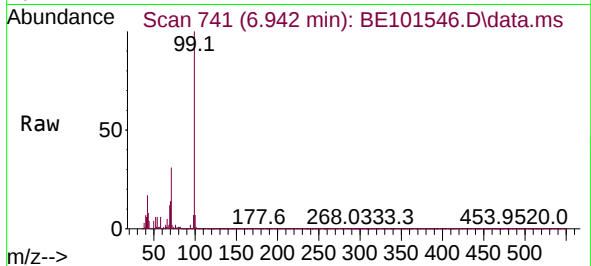
Tgt Ion: 99	Resp: 503640
Ion Ratio	Lower Upper
99 100	
42 16.5	12.5 18.7
71 31.2	24.2 36.2

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#8

2-Chlorophenol

Concen: 54.905 ng

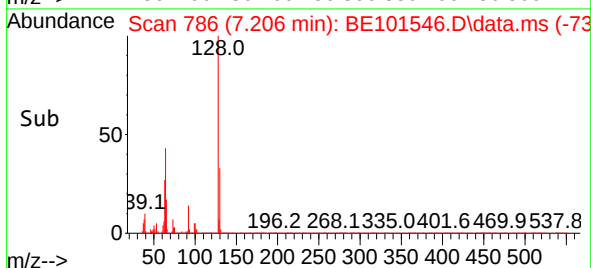
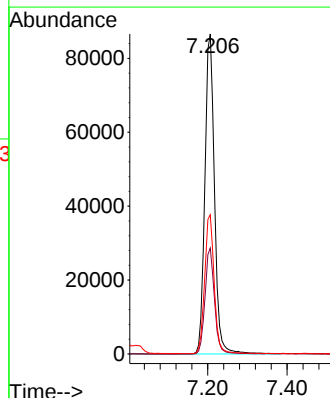
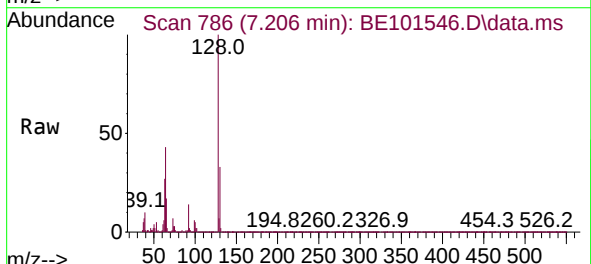
RT: 7.206 min Scan# 786

Delta R.T. 0.001 min

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Tgt Ion:128	Resp: 145936
Ion Ratio	Lower Upper
128 100	
130 33.1	12.1 52.1
64 43.5	22.0 62.0





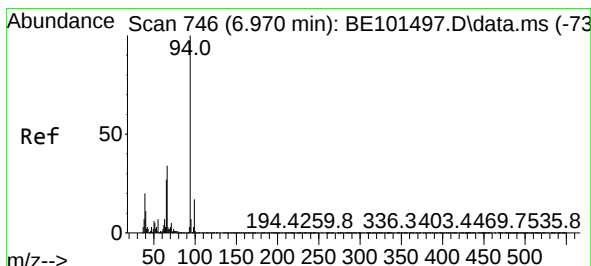
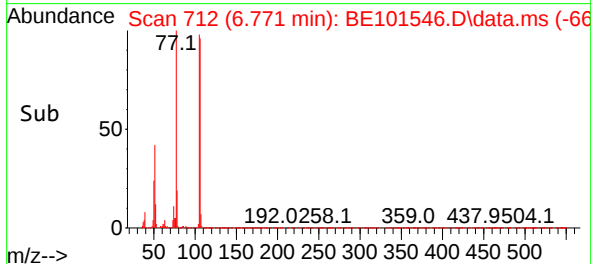
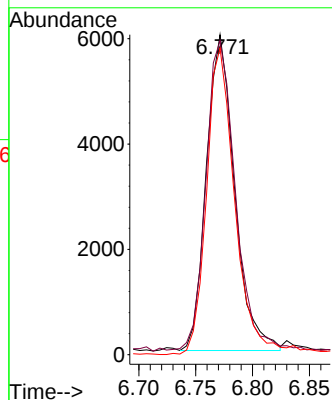
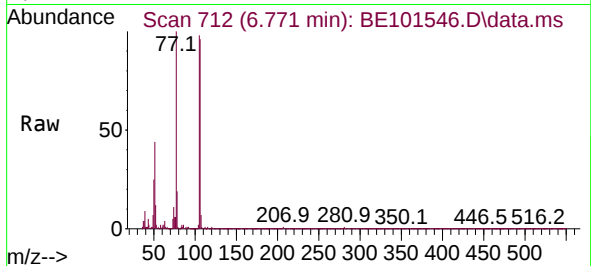
#9
Benzaldehyde
Concen: 6.891 ng
RT: 6.771 min Scan# 712
Delta R.T. 0.001 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

Instrument :
BNA_E
ClientSampleId :
PB164765BS

Tgt Ion: 77 Resp: 10368
Ion Ratio Lower Upper
77 100
105 98.1 83.0 123.0
106 95.8 78.8 118.8

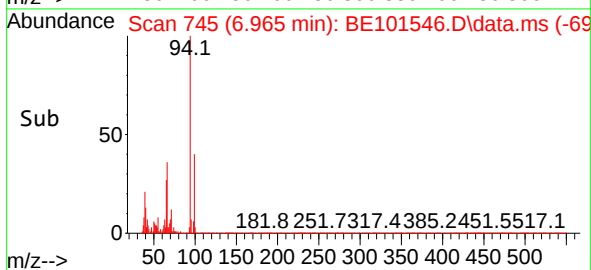
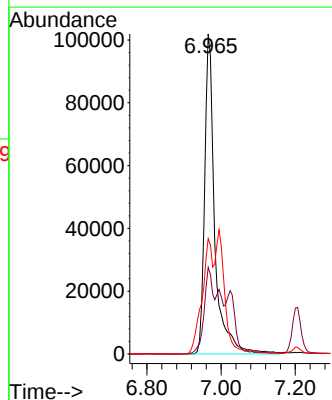
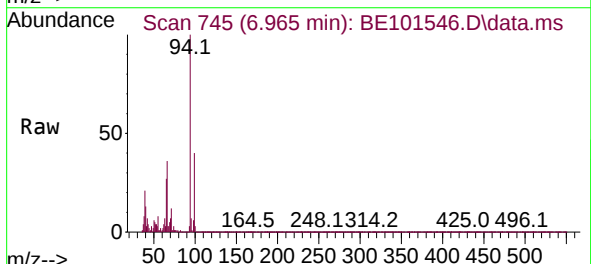
Manual Integrations
APPROVED

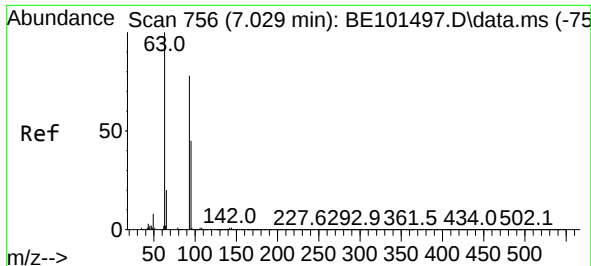
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#10
Phenol
Concen: 57.836 ng
RT: 6.965 min Scan# 745
Delta R.T. -0.005 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

Tgt Ion: 94 Resp: 193650
Ion Ratio Lower Upper
94 100
65 27.0 6.7 46.7
66 36.0 15.0 55.0





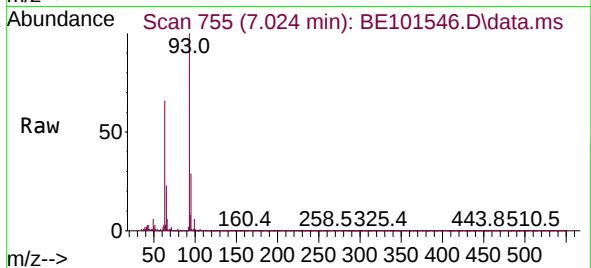
#11
bis(2-Chloroethyl)ether
Concen: 45.601 ng m
RT: 7.024 min Scan# 70
Delta R.T. -0.005 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

Instrument :

BNA_E

ClientSampleId :

PB164765BS



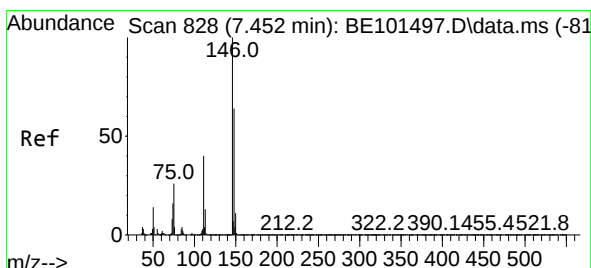
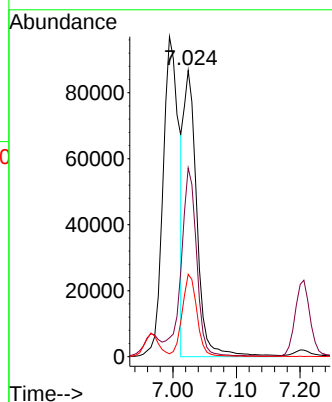
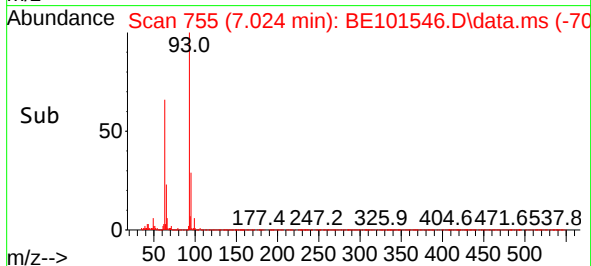
Tgt Ion: 93 Resp: 12639
Ion Ratio Lower Upper
93 100
63 66.0 46.5 86.5
95 28.8 9.1 49.1

Manual Integrations

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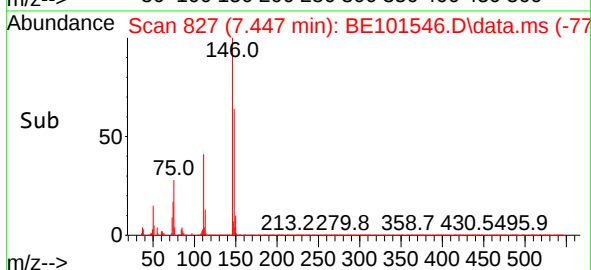
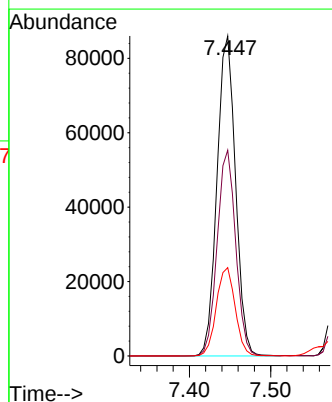
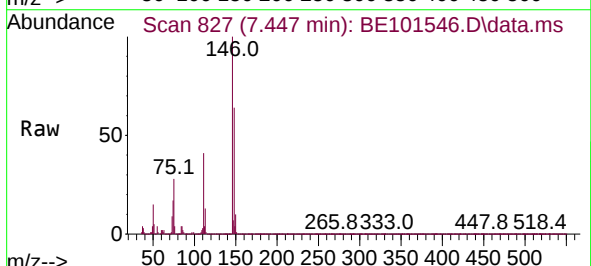
Reviewed By :Yogesh Patel 11/10/2024

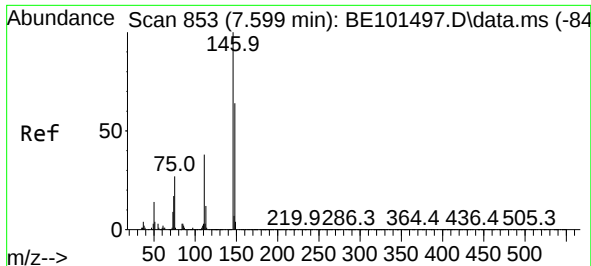
Supervised By :mohammad ahmed 11/11/2024



#12
1,3-Dichlorobenzene
Concen: 46.937 ng
RT: 7.447 min Scan# 827
Delta R.T. -0.005 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

Tgt Ion:146 Resp: 136200
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.2
75 27.6 21.1 31.7





#13

1,4-Dichlorobenzene

Concen: 47.988 ng

RT: 7.594 min Scan# 81

Delta R.T. -0.005 min

Lab File: BE101546.D

Acq: 8 Nov 2024 11:27

Instrument :

BNA_E

ClientSampleId :

PB164765BS

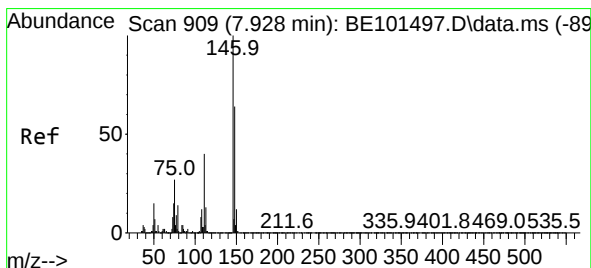
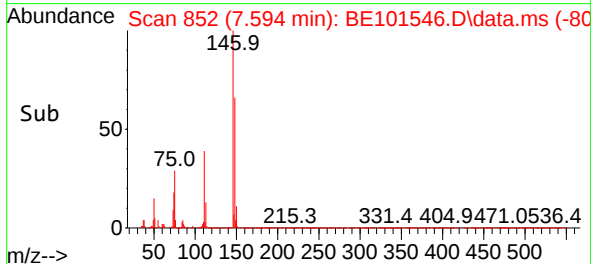
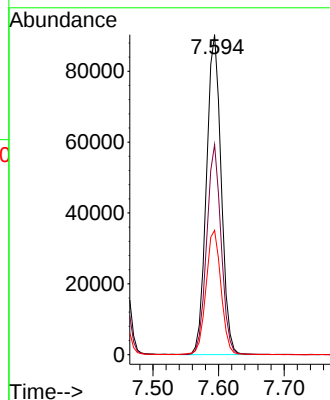
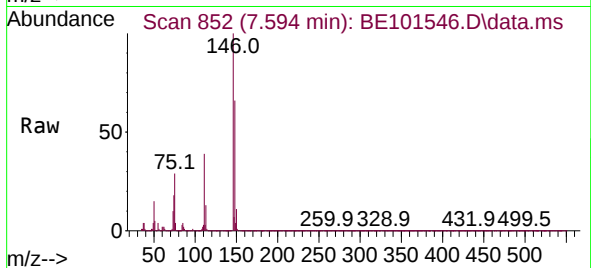
Tgt Ion:	146	Resp:	14104
Ion Ratio	Lower	Upper	
146	100		
148	65.6	51.0	76.6
111	38.9	30.2	45.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/10/2024

Supervised By :mohammad ahmed 11/11/2024



#14

1,2-Dichlorobenzene

Concen: 47.666 ng

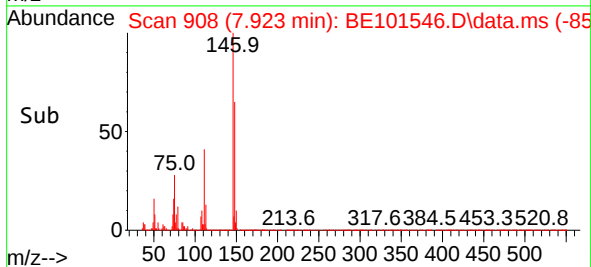
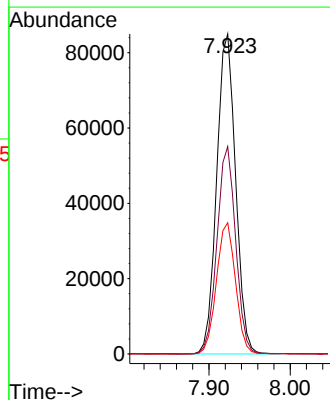
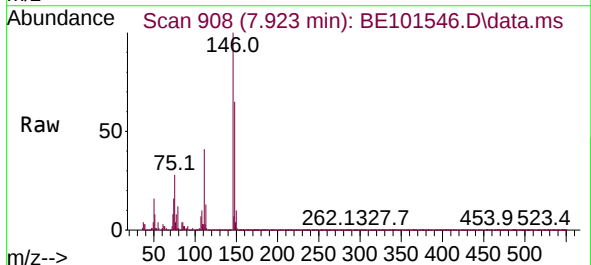
RT: 7.923 min Scan# 908

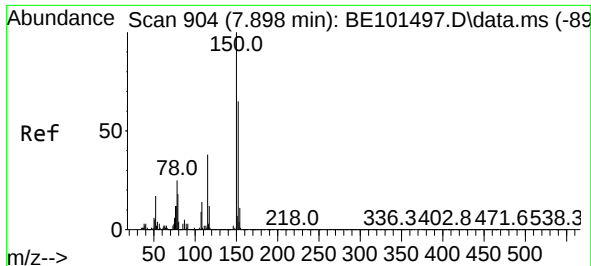
Delta R.T. -0.005 min

Lab File: BE101546.D

Acq: 8 Nov 2024 11:27

Tgt Ion:	146	Resp:	137522
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.2	76.8
111	41.0	32.2	48.4





#15
Benzyl Alcohol
Concen: 54.146 ng
RT: 7.894 min Scan# 904
Delta R.T. -0.005 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

Instrument :

BNA_E

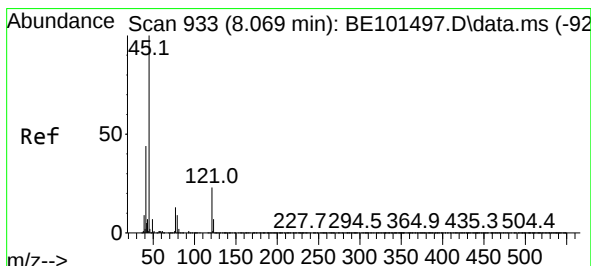
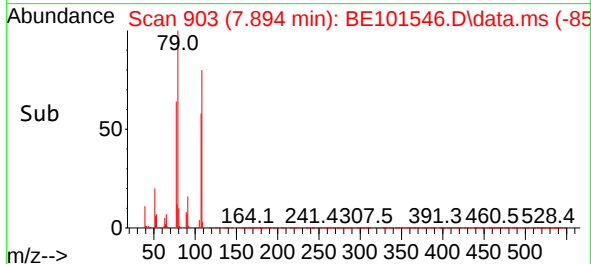
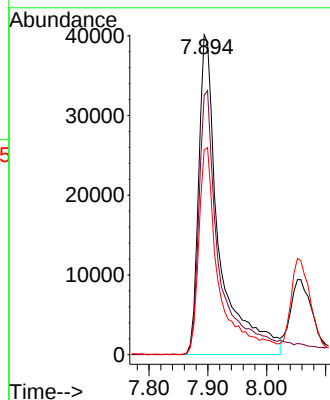
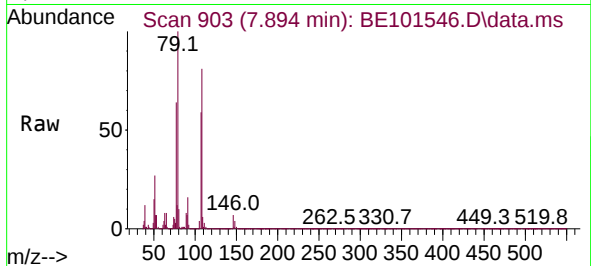
ClientSampleId :

PB164765BS

Tgt Ion: 79 Resp: 97292
Ion Ratio Lower Upper
79 100
108 81.1 63.8 95.8
77 64.0 53.4 80.0

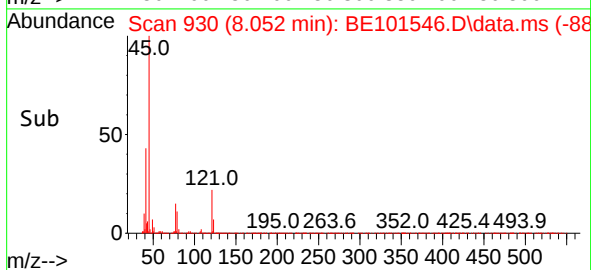
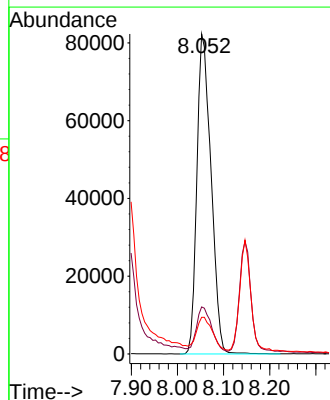
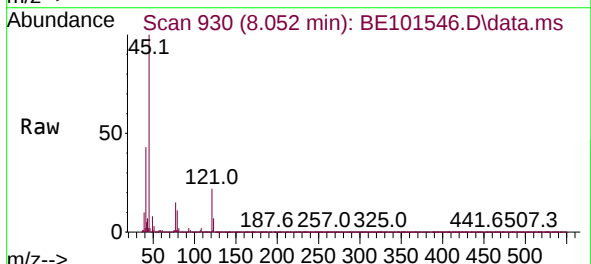
Manual Integrations
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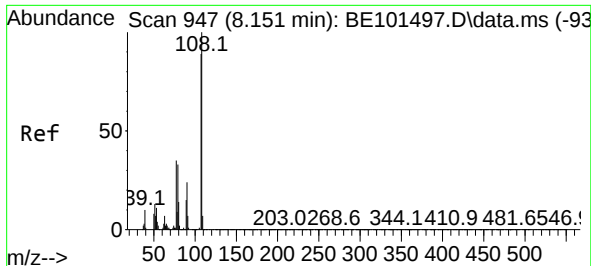
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.431 ng
RT: 8.052 min Scan# 930
Delta R.T. -0.016 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

Tgt Ion: 45 Resp: 175311
Ion Ratio Lower Upper
45 100
77 14.7 0.0 36.2
79 11.4 0.0 33.8





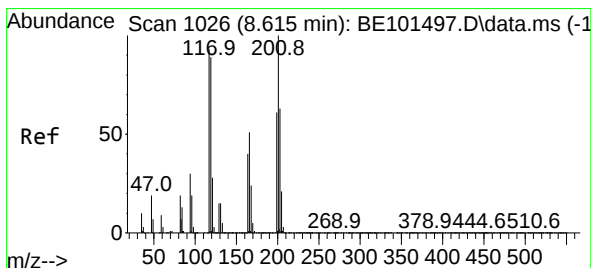
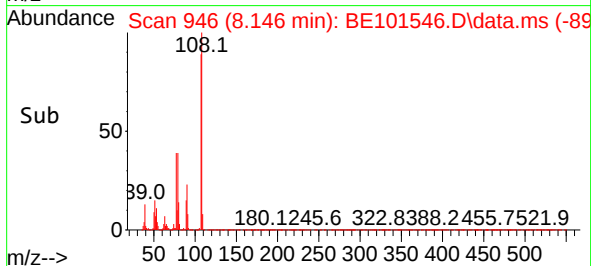
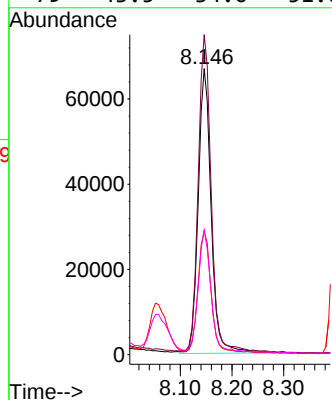
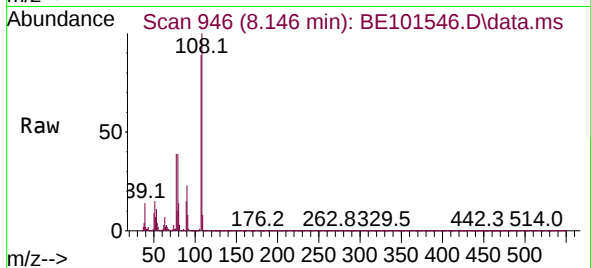
#17
2-Methylphenol
Concen: 53.826 ng
RT: 8.146 min Scan# 947
Delta R.T. -0.005 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

Instrument :
BNA_E
ClientSampleId :
PB164765BS

Tgt Ion:	107	Resp:	116679
Ion	Ratio	Lower	Upper
107	100		
108	111.8	90.2	135.4
77	43.2	35.1	52.7
79	43.5	34.0	51.0

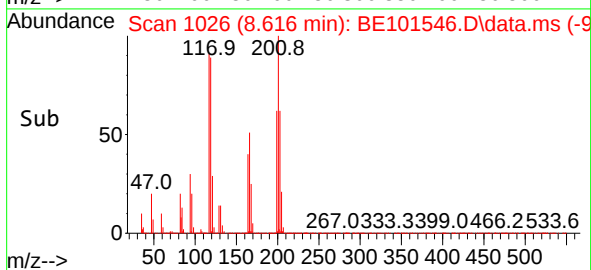
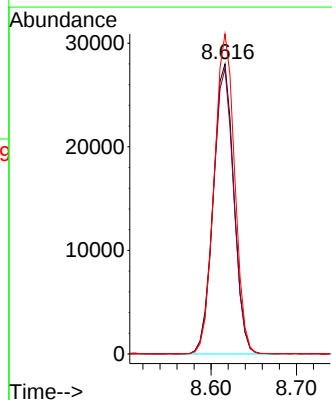
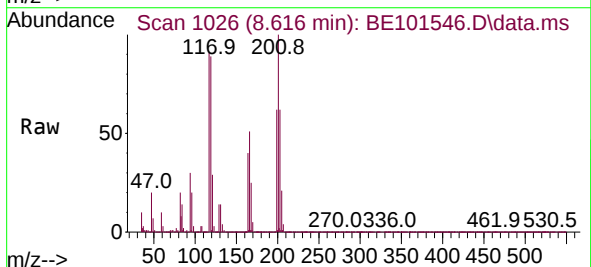
Manual Integrations
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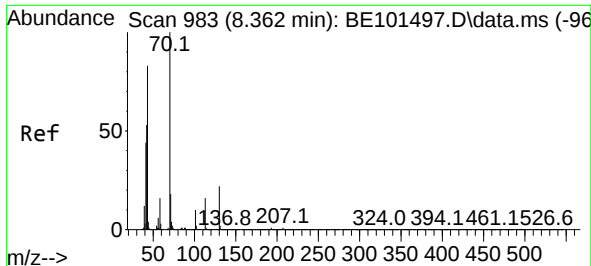
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#18
Hexachloroethane
Concen: 47.343 ng
RT: 8.616 min Scan# 1026
Delta R.T. 0.001 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

Tgt Ion:	117	Resp:	46992
Ion	Ratio	Lower	Upper
117	100		
119	98.3	76.6	114.8
201	110.4	86.1	129.1





#19
n-Nitroso-di-n-propylamine
Concen: 50.066 ng
RT: 8.364 min Scan# 91
Delta R.T. 0.001 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

Instrument :

BNA_E

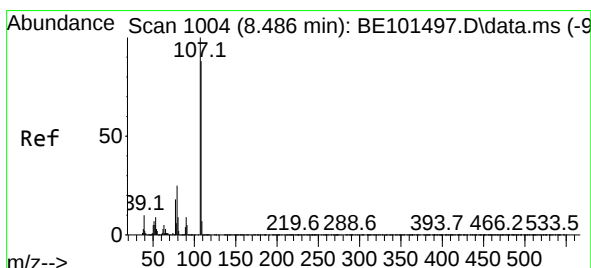
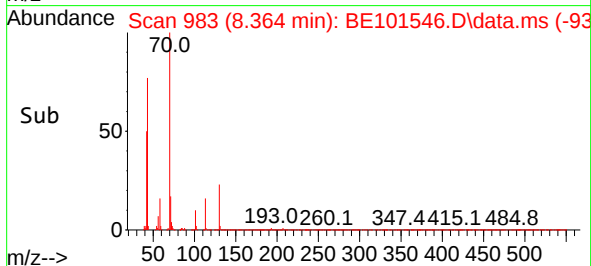
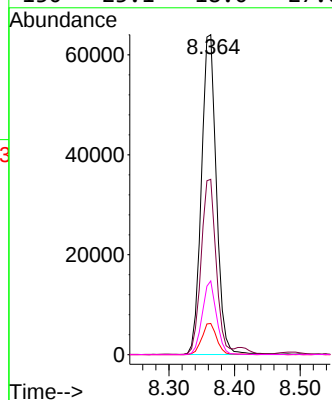
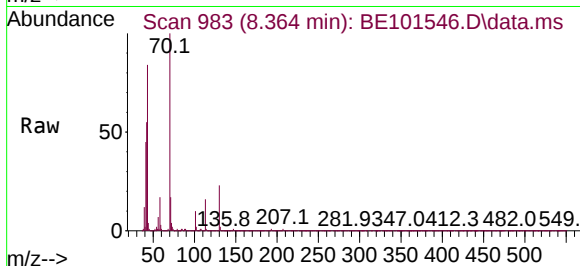
ClientSampleId :

PB164765BS

Tgt Ion: 70 Resp: 101544
Ion Ratio Lower Upper
70 100
42 54.8 42.7 64.1
101 9.8 8.2 12.2
130 23.1 18.0 27.0

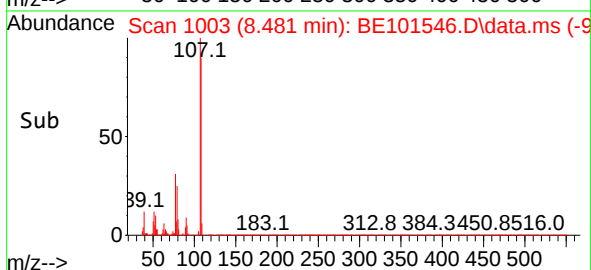
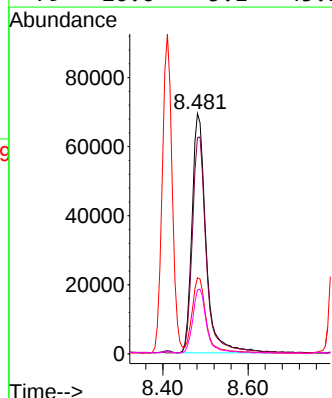
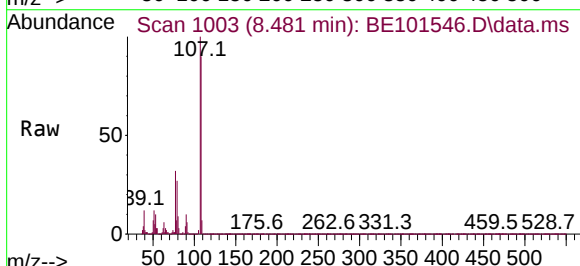
Manual Integrations
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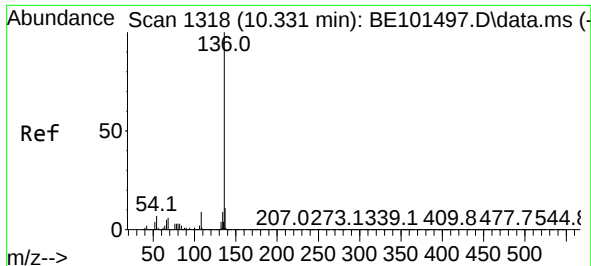
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#20
3+4-Methylphenols
Concen: 52.743 ng
RT: 8.481 min Scan# 1003
Delta R.T. -0.005 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

Tgt Ion:107 Resp: 158529
Ion Ratio Lower Upper
107 100
108 90.0 68.2 108.2
77 31.6 10.4 50.4
79 26.6 5.1 45.1





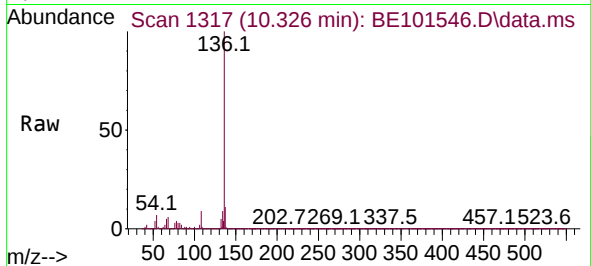
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.326 min Scan# 11
Delta R.T. -0.005 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

Instrument :

BNA_E

ClientSampleId :

PB164765BS



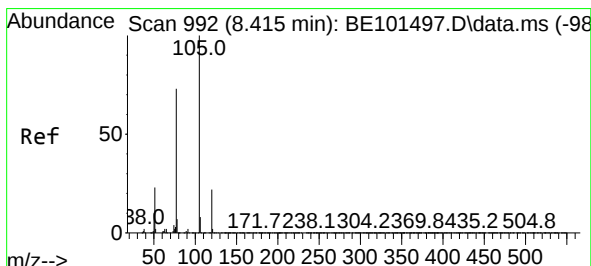
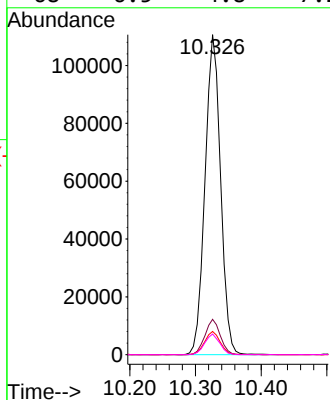
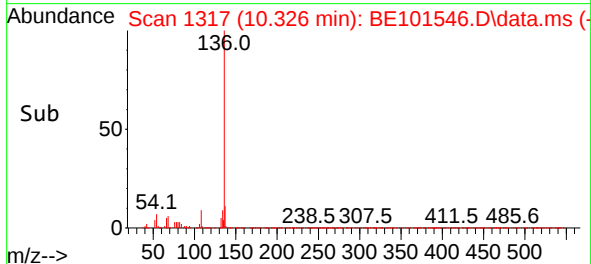
Tgt Ion:136 Resp: 182397
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.3 5.6 8.4
68 6.5 4.8 7.2

Manual Integrations

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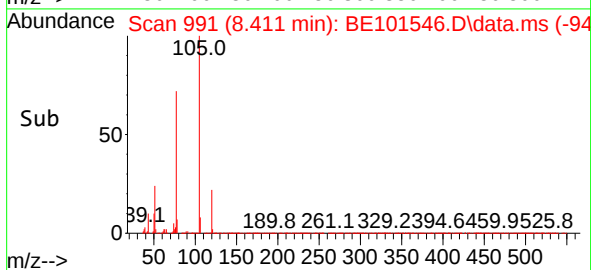
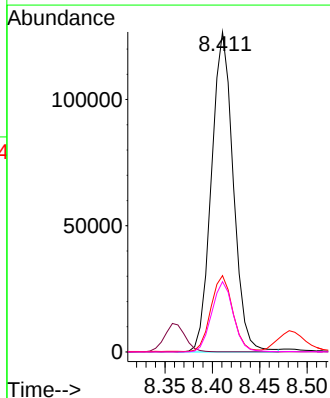
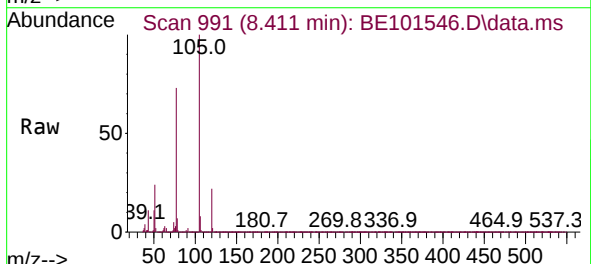
Reviewed By :Yogesh Patel 11/10/2024

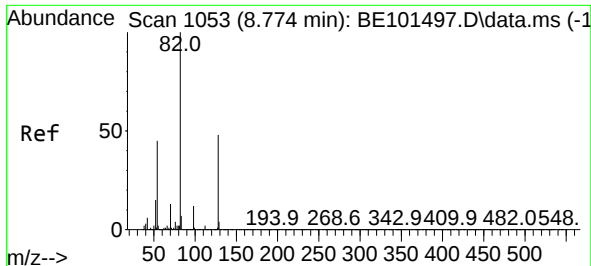
Supervised By :mohammad ahmed 11/11/2024



#22
Acetophenone
Concen: 49.003 ng
RT: 8.411 min Scan# 991
Delta R.T. -0.005 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

Tgt Ion:105 Resp: 202418
Ion Ratio Lower Upper
105 100
71 0.1 0.1 0.1#
51 23.9 18.7 28.1
120 22.0 17.8 26.6





#23
Nitrobenzene-d5
Concen: 103.233 ng
RT: 8.769 min Scan# 1052
Delta R.T. -0.005 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

Instrument :

BNA_E

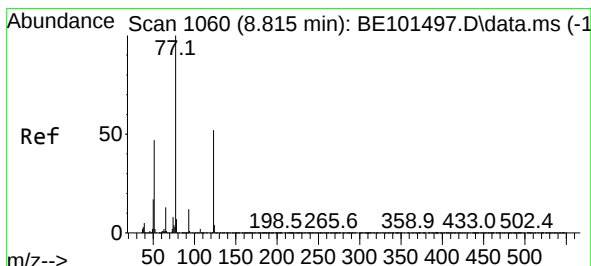
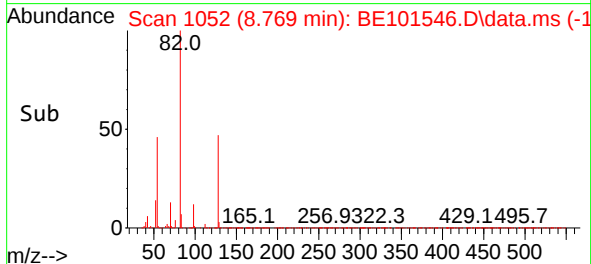
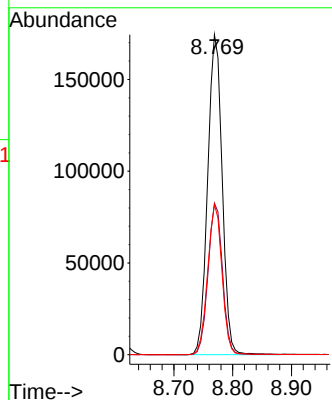
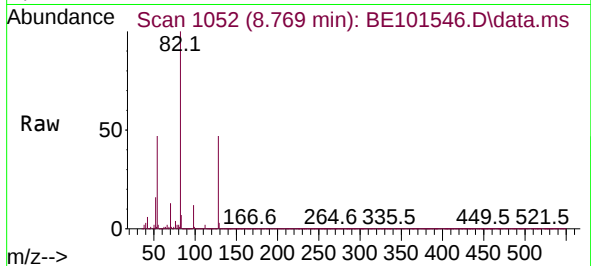
ClientSampleId :

PB164765BS

Tgt Ion: 82 Resp: 298098
Ion Ratio Lower Upper
82 100
128 47.4 38.6 58.0
54 46.9 36.3 54.5

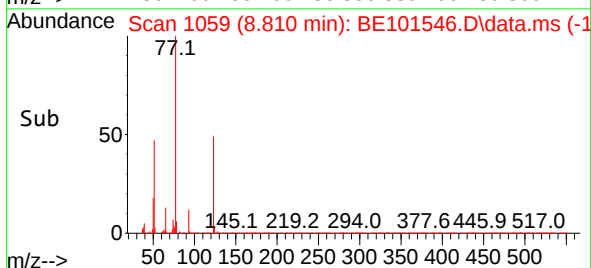
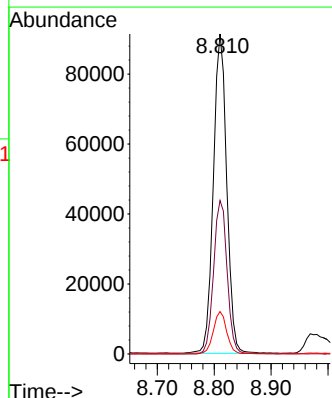
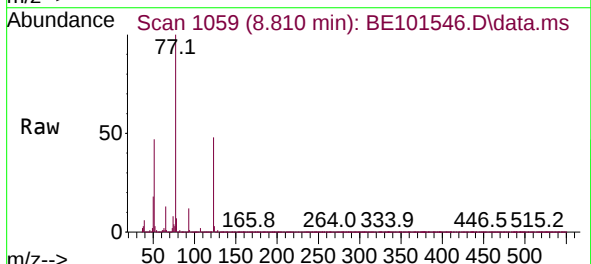
Manual Integrations
APPROVED

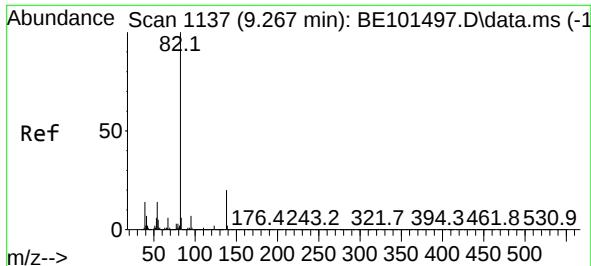
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#24
Nitrobenzene
Concen: 49.551 ng
RT: 8.810 min Scan# 1059
Delta R.T. -0.005 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

Tgt Ion: 77 Resp: 148824
Ion Ratio Lower Upper
77 100
123 48.0 41.2 61.8
65 13.3 10.3 15.5





#25
Isophorone
Concen: 49.092 ng
RT: 9.257 min Scan# 1135
Delta R.T. -0.010 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

Instrument :

BNA_E

ClientSampleId :

PB164765BS

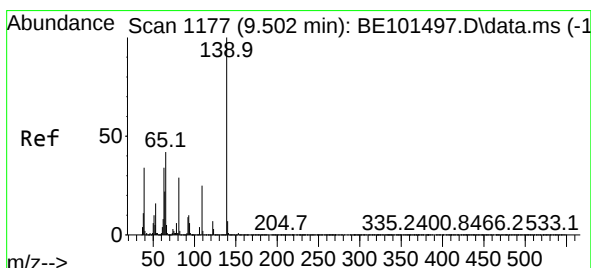
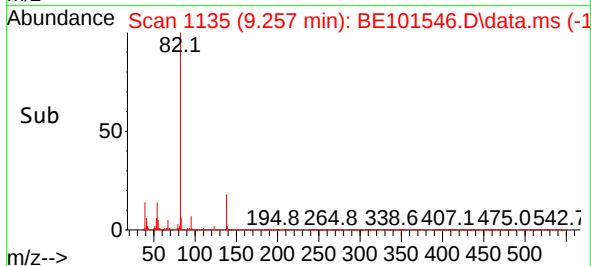
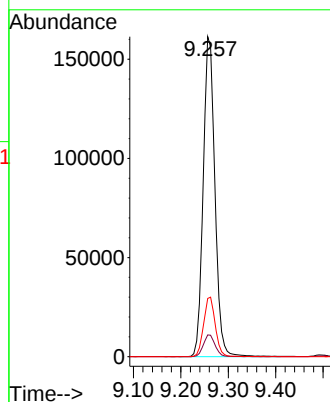
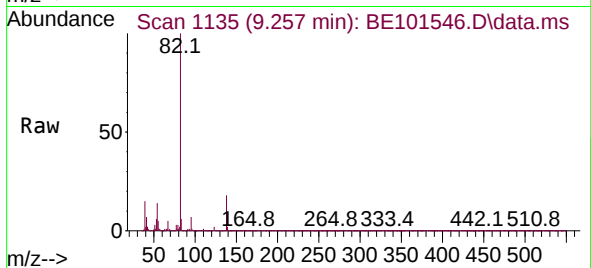
Tgt Ion: 82 Resp: 27587
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 18.2 15.8 23.6

Manual Integrations

APPROVED

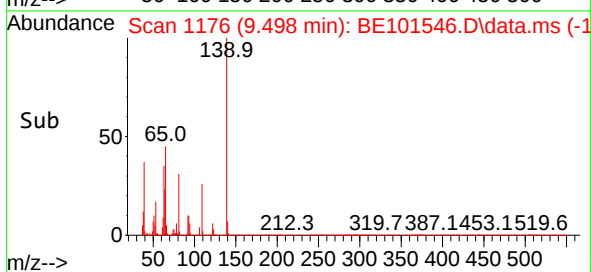
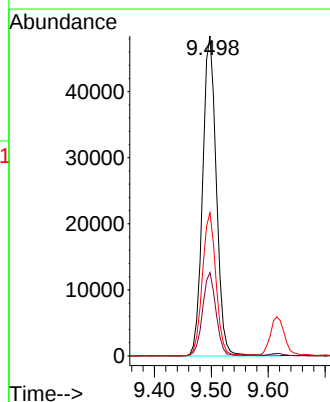
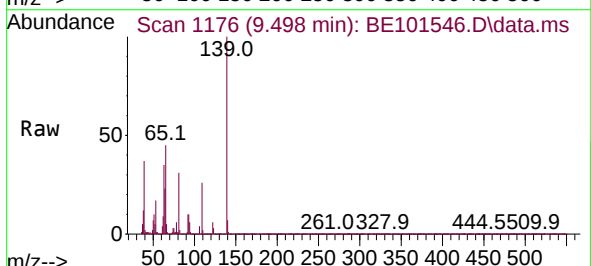
Reviewed By :Yogesh Patel 11/10/2024

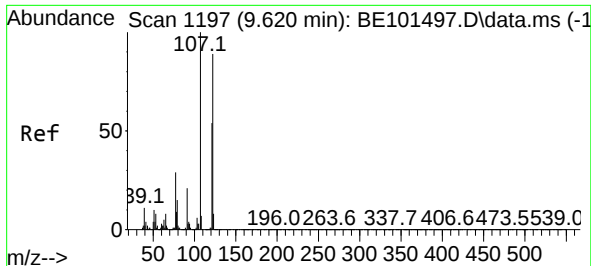
Supervised By :mohammad ahmed 11/11/2024



#26
2-Nitrophenol
Concen: 50.725 ng
RT: 9.498 min Scan# 1176
Delta R.T. -0.005 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

Tgt Ion:139 Resp: 81076
Ion Ratio Lower Upper
139 100
109 26.1 20.2 30.4
65 44.7 34.0 51.0





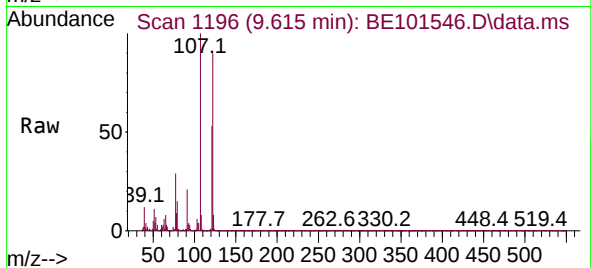
#27
2,4-Dimethylphenol
Concen: 62.791 ng
RT: 9.615 min Scan# 1196
Delta R.T. -0.005 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

Instrument :

BNA_E

ClientSampleId :

PB164765BS



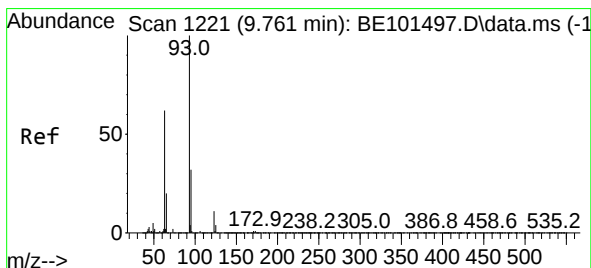
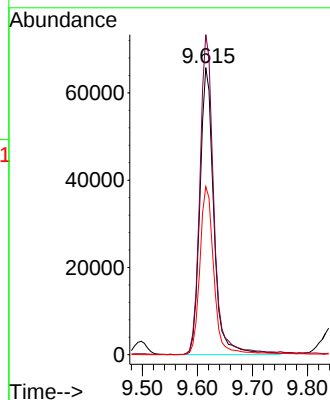
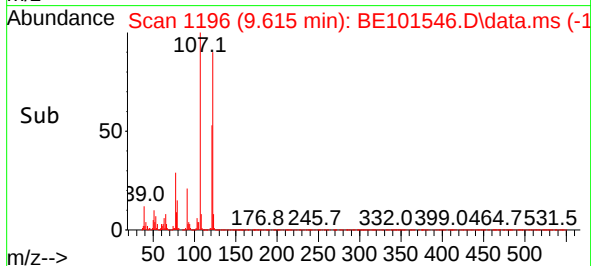
Tgt Ion:122 Resp: 116127
Ion Ratio Lower Upper
122 100
107 111.5 89.8 134.6
121 58.6 48.0 72.0

Manual Integrations

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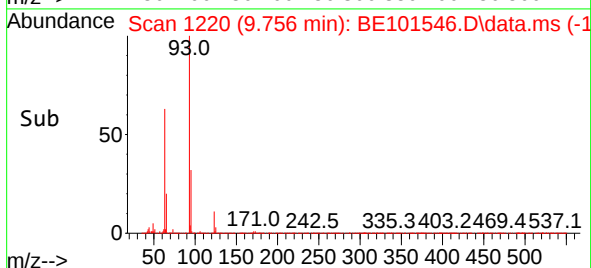
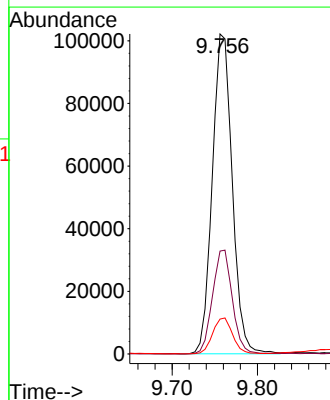
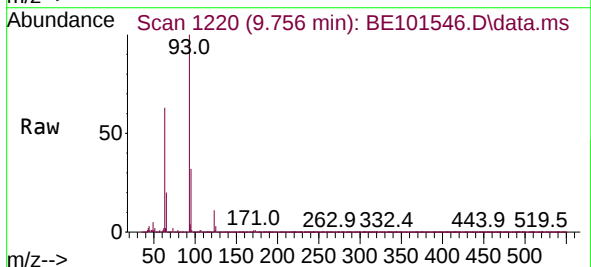
Reviewed By :Yogesh Patel 11/10/2024

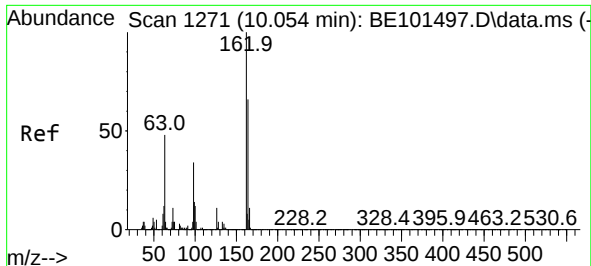
Supervised By :mohammad ahmed 11/11/2024



#28
bis(2-Chloroethoxy)methane
Concen: 48.359 ng
RT: 9.756 min Scan# 1220
Delta R.T. -0.005 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

Tgt Ion: 93 Resp: 166352
Ion Ratio Lower Upper
93 100
95 32.1 25.9 38.9
123 10.9 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 51.818 ng

RT: 10.050 min Scan# 11

Delta R.T. -0.004 min

Lab File: BE101546.D

Acq: 8 Nov 2024 11:27

Instrument :

BNA_E

ClientSampleId :

PB164765BS

Tgt Ion:162 Resp: 13604

Ion Ratio Lower Upper

162 100

164 63.4 45.7 85.7

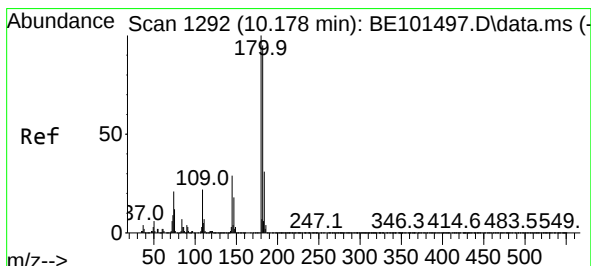
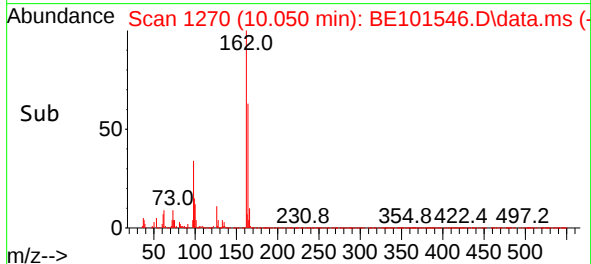
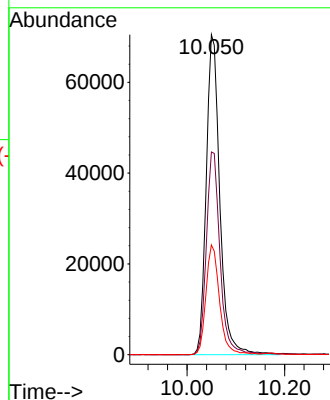
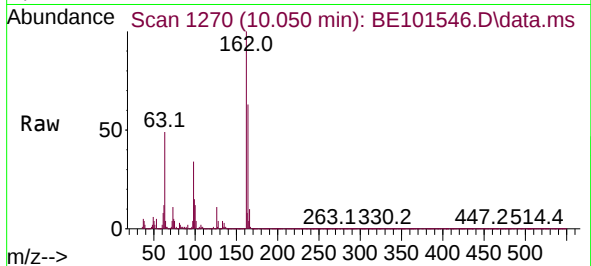
98 34.3 14.0 54.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/10/2024

Supervised By :mohammad ahmed 11/11/2024



#30

1,2,4-Trichlorobenzene

Concen: 45.144 ng

RT: 10.173 min Scan# 1291

Delta R.T. -0.005 min

Lab File: BE101546.D

Acq: 8 Nov 2024 11:27

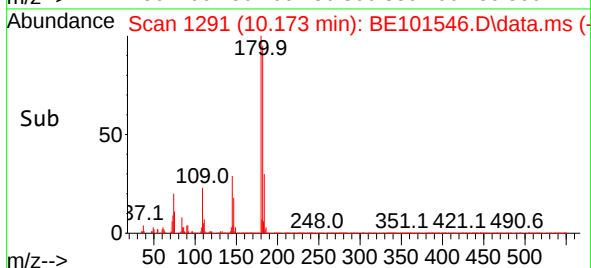
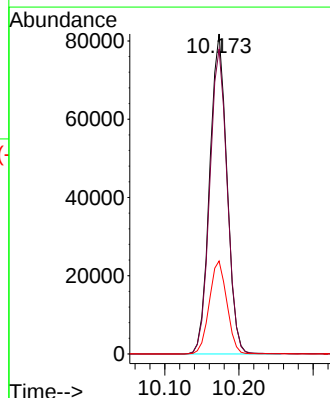
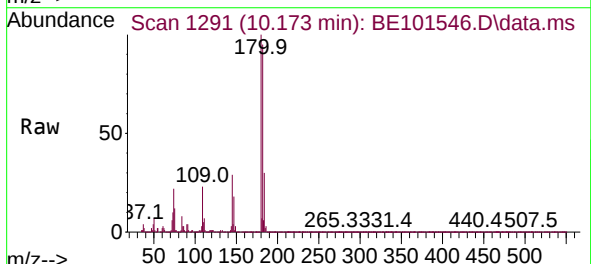
Tgt Ion:180 Resp: 132310

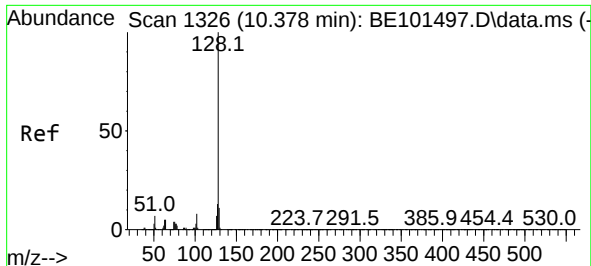
Ion Ratio Lower Upper

180 100

182 95.3 76.2 114.2

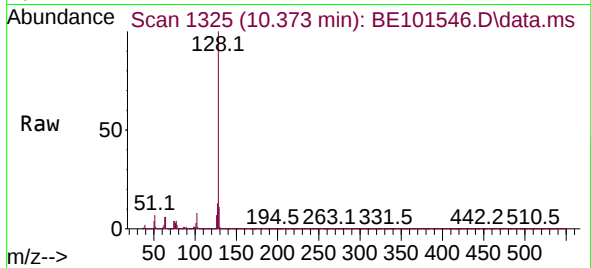
145 29.0 23.2 34.8





#31
Naphthalene
Concen: 48.486 ng
RT: 10.373 min Scan# 11
Delta R.T. -0.005 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

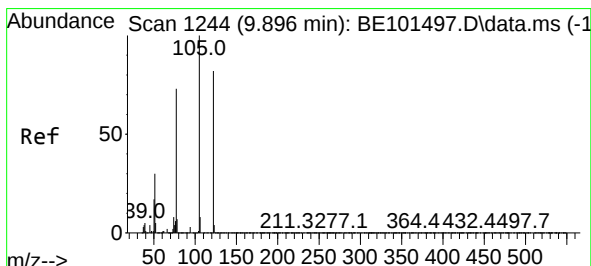
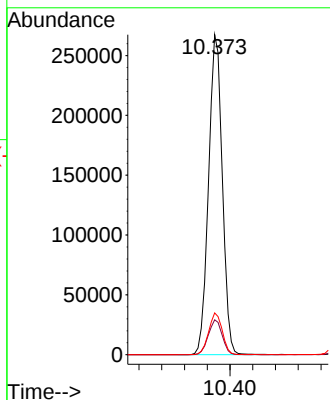
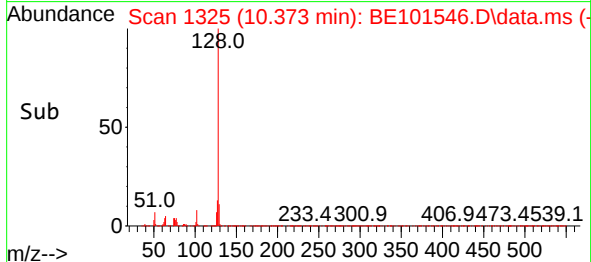
Instrument :
BNA_E
ClientSampleId :
PB164765BS



Tgt Ion:128 Resp: 446462
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.1 10.3 15.5

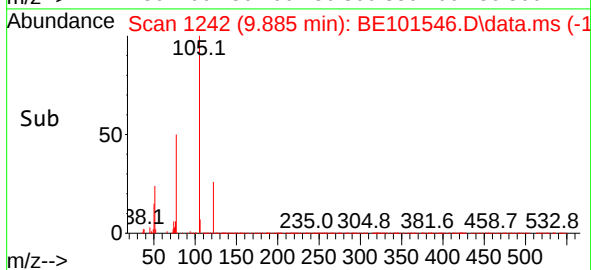
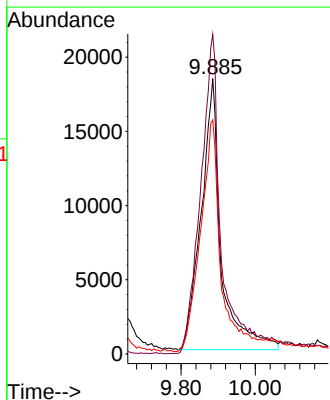
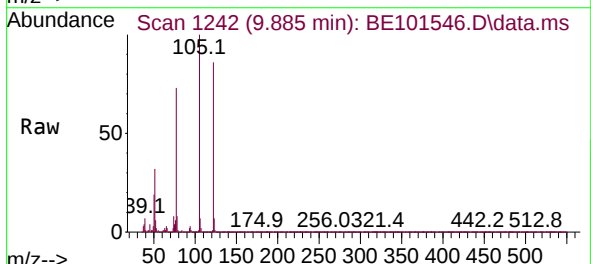
Manual Integrations
APPROVED

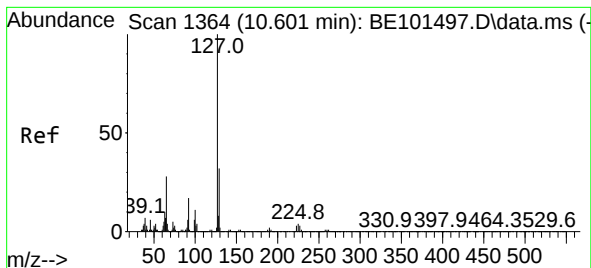
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#32
Benzoic acid
Concen: 40.662 ng
RT: 9.885 min Scan# 1242
Delta R.T. -0.011 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

Tgt Ion:122 Resp: 68162
Ion Ratio Lower Upper
122 100
105 116.2 100.6 140.6
77 85.0 68.6 108.6





#33
4-Chloroaniline
Concen: 31.192 ng
RT: 10.602 min Scan# 11
Delta R.T. 0.001 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

Instrument :

BNA_E

ClientSampleId :

PB164765BS

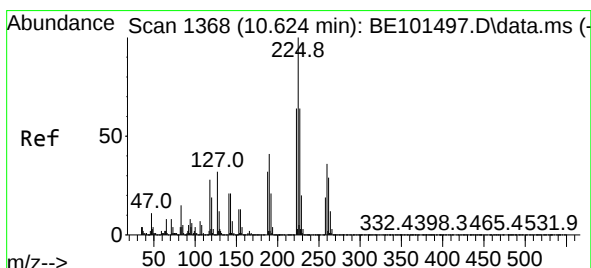
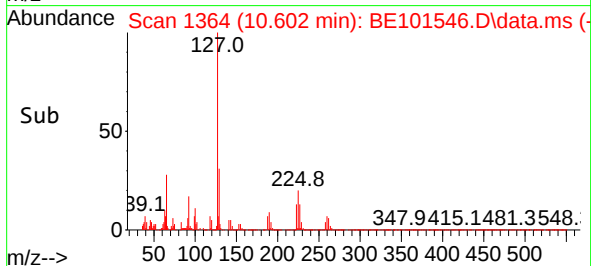
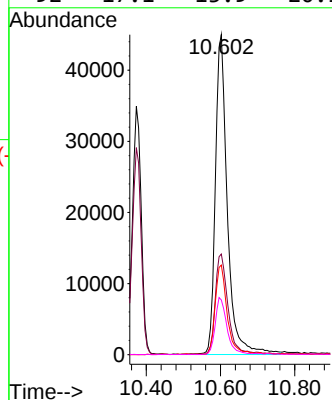
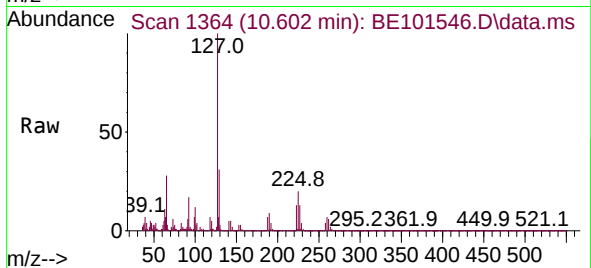
Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.8	38.8
65	28.0	22.6	33.8
92	17.1	13.9	20.9

Manual Integrations

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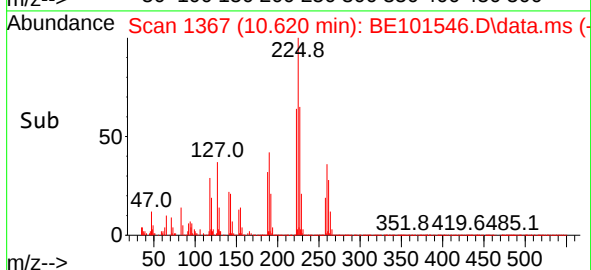
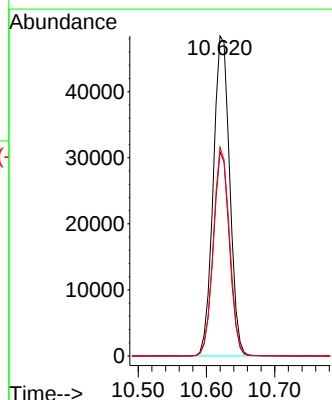
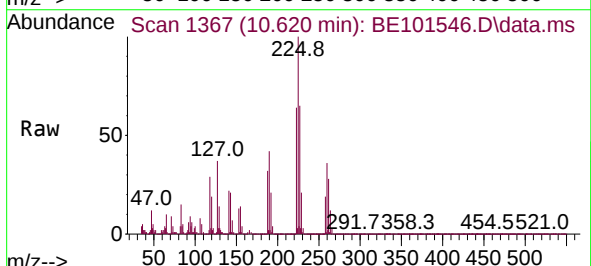
Reviewed By :Yogesh Patel 11/10/2024

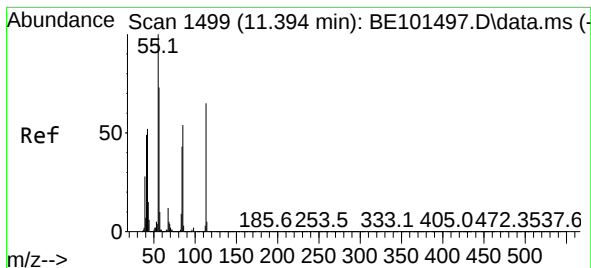
Supervised By :mohammad ahmed 11/11/2024



#34
Hexachlorobutadiene
Concen: 44.909 ng
RT: 10.620 min Scan# 1367
Delta R.T. -0.005 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

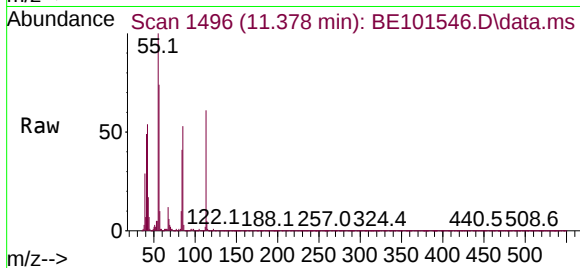
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.0	76.6
227	65.2	51.0	76.6





#35
Caprolactam
Concen: 47.752 ng m
RT: 11.378 min Scan# 1499
Delta R.T. -0.016 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

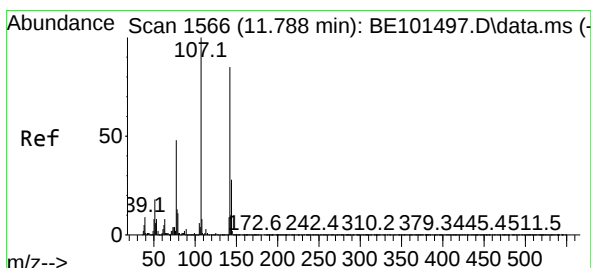
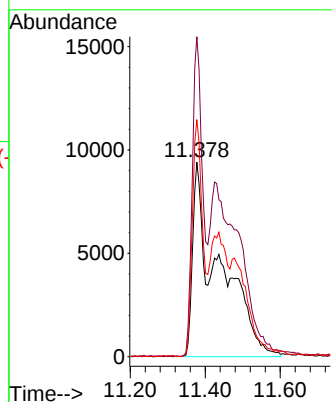
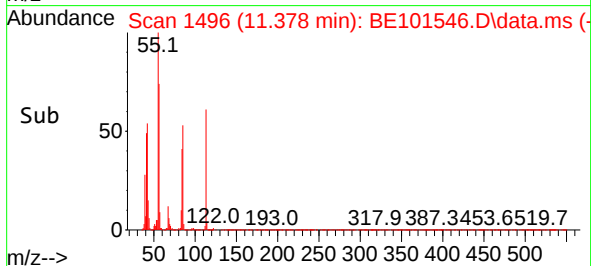
Instrument :
BNA_E
ClientSampleId :
PB164765BS



Tgt Ion:113 Resp: 46038
Ion Ratio Lower Upper
113 100
55 164.4 134.3 174.3
56 121.9 92.6 132.6

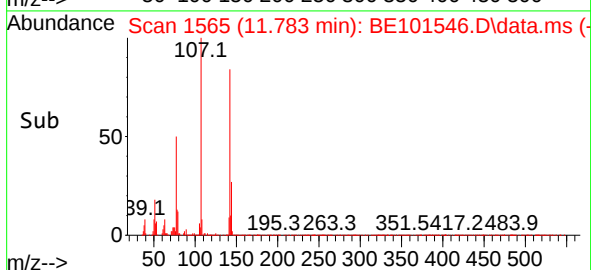
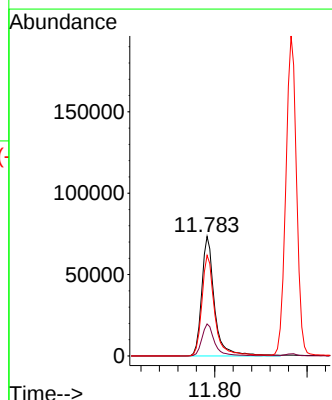
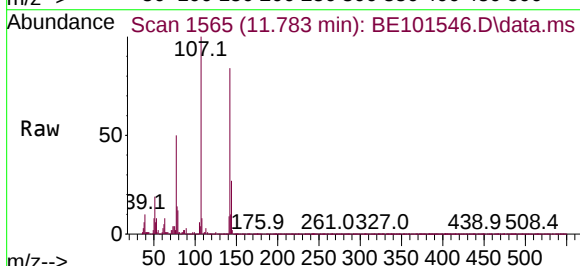
Manual Integrations
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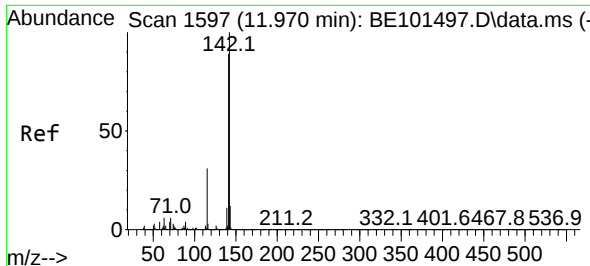
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#36
4-Chloro-3-methylphenol
Concen: 49.374 ng
RT: 11.783 min Scan# 1565
Delta R.T. -0.005 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

Tgt Ion:107 Resp: 141553
Ion Ratio Lower Upper
107 100
144 26.8 22.4 33.6
142 84.2 68.2 102.2





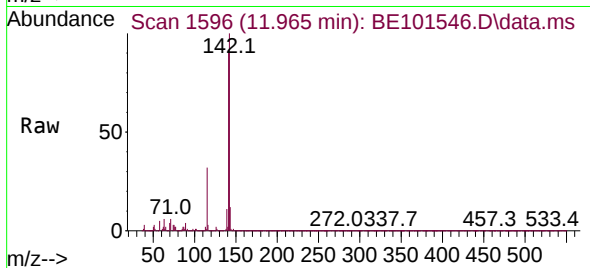
#37
2-Methylnaphthalene
Concen: 48.832 ng
RT: 11.965 min Scan# 1596
Delta R.T. -0.005 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

Instrument :

BNA_E

ClientSampleId :

PB164765BS



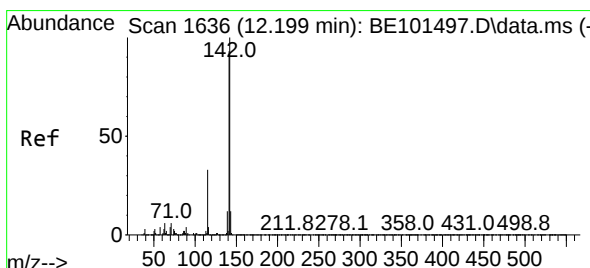
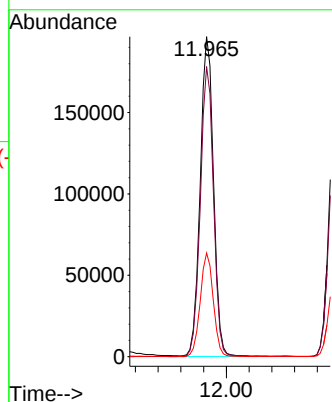
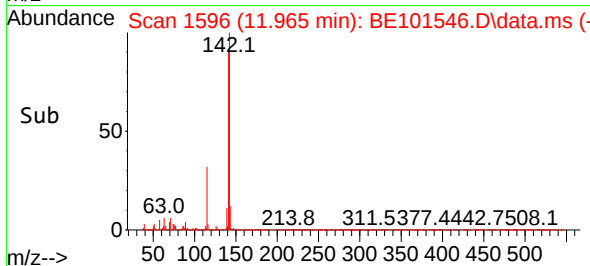
Tgt Ion:142 Resp: 319375
Ion Ratio Lower Upper
142 100
141 90.7 71.3 106.9
115 32.4 25.0 37.4

Manual Integrations

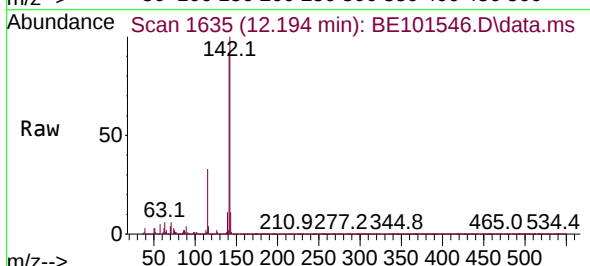
APPROVED

Reviewed By :Yogesh Patel 11/10/2024

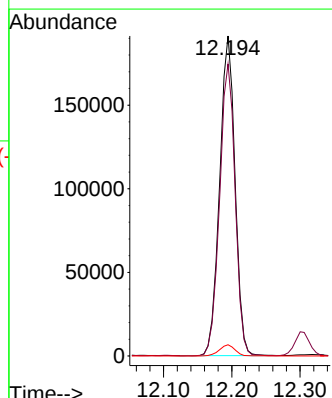
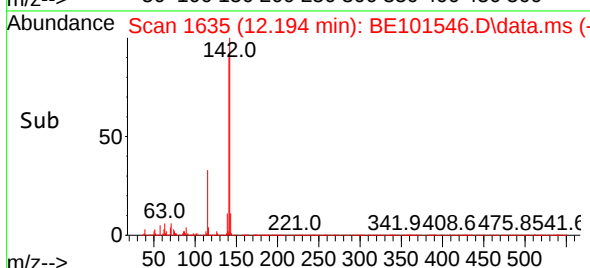
Supervised By :mohammad ahmed 11/11/2024

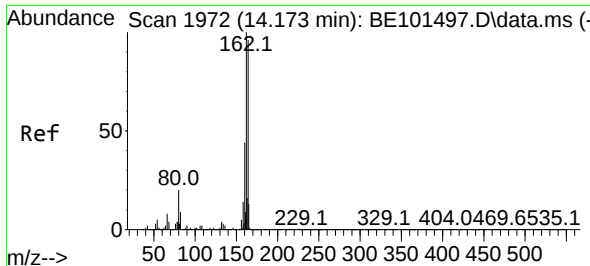


#38
1-Methylnaphthalene
Concen: 46.063 ng
RT: 12.194 min Scan# 1635
Delta R.T. -0.005 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27



Tgt Ion:142 Resp: 300436
Ion Ratio Lower Upper
142 100
141 91.2 74.7 112.1
116 3.5 2.9 4.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.169 min Scan# 1972
Delta R.T. -0.005 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

Instrument :

BNA_E

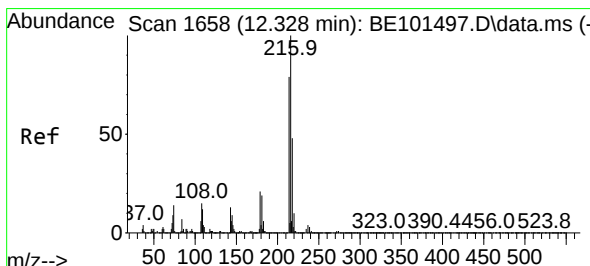
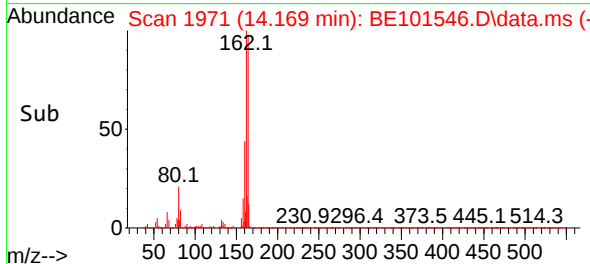
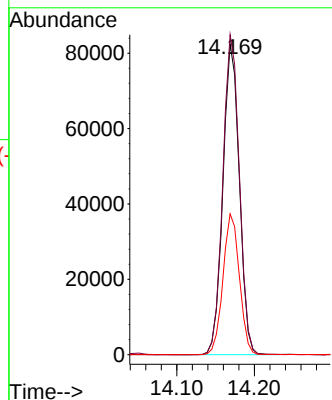
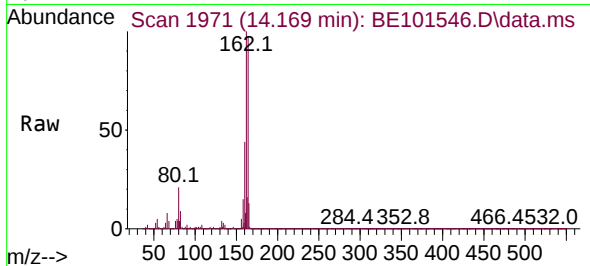
ClientSampleId :

PB164765BS

Tgt Ion:164 Resp: 12115
Ion Ratio Lower Upper
164 100
162 103.0 83.7 125.5
160 45.4 37.1 55.7

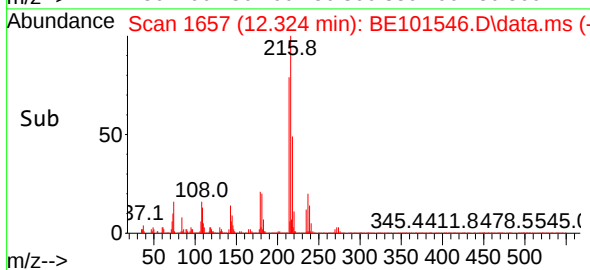
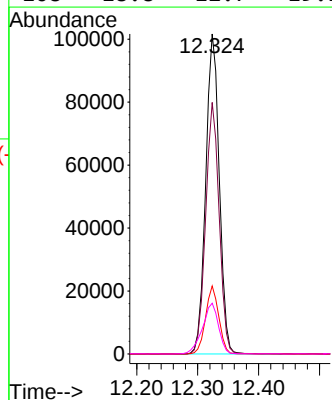
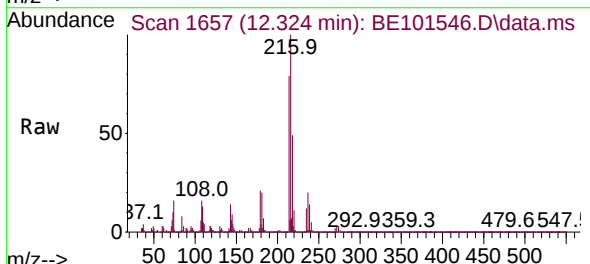
Manual Integrations
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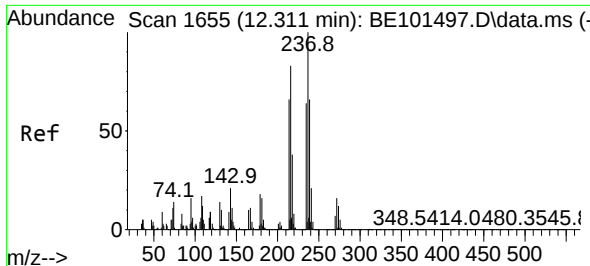
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.213 ng
RT: 12.324 min Scan# 1657
Delta R.T. -0.005 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

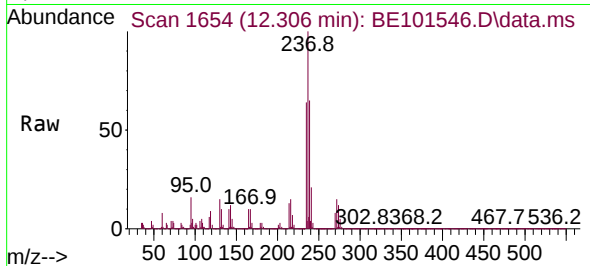
Tgt Ion:216 Resp: 157191
Ion Ratio Lower Upper
216 100
214 78.4 62.6 93.8
179 20.7 16.4 24.6
108 18.8 12.7 19.1





#41
Hexachlorocyclopentadiene
Concen: 221.405 ng
RT: 12.306 min Scan# 1654
Delta R.T. -0.005 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

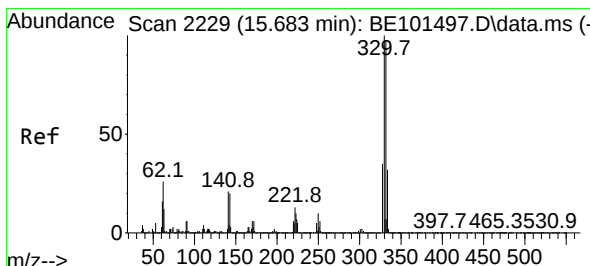
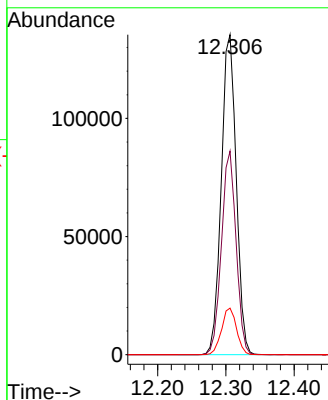
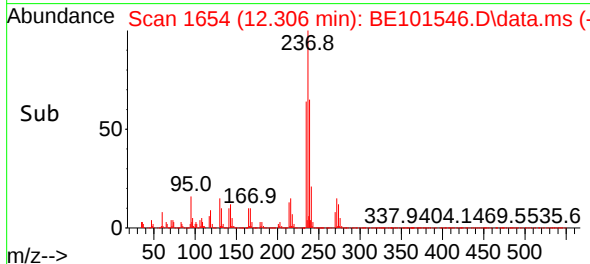
Instrument :
BNA_E
ClientSampleId :
PB164765BS



Tgt Ion: 237 Resp: 206372
Ion Ratio Lower Upper
237 100
235 63.6 43.5 83.5
272 14.6 0.0 35.6

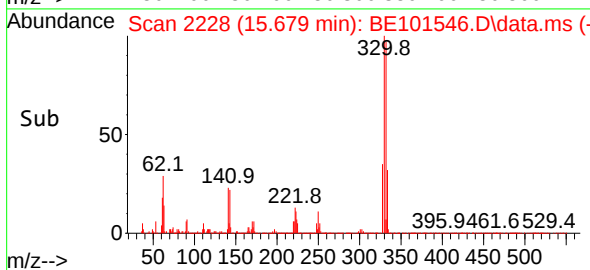
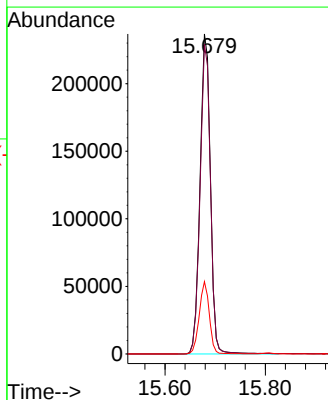
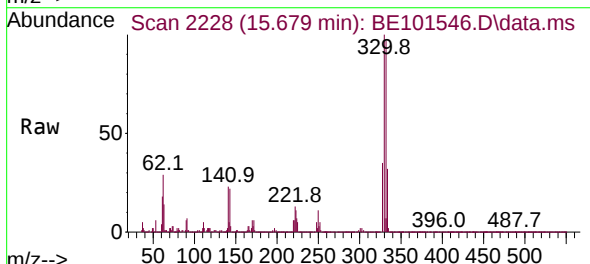
Manual Integrations
APPROVED

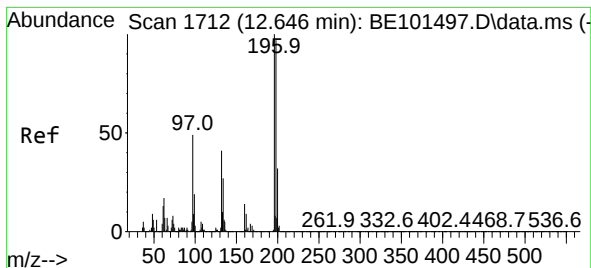
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#42
2,4,6-Tribromophenol
Concen: 148.733 ng
RT: 15.679 min Scan# 2228
Delta R.T. -0.005 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

Tgt Ion: 330 Resp: 339065
Ion Ratio Lower Upper
330 100
332 96.9 77.7 116.5
141 22.0 17.0 25.4





#43

2,4,6-Trichlorophenol

Concen: 52.215 ng

RT: 12.647 min Scan# 1712

Delta R.T. 0.001 min

Lab File: BE101546.D

Acq: 8 Nov 2024 11:27

Instrument :

BNA_E

ClientSampleId :

PB164765BS

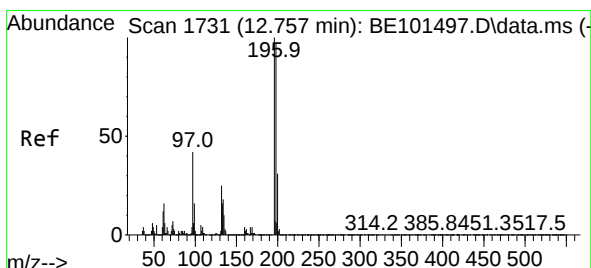
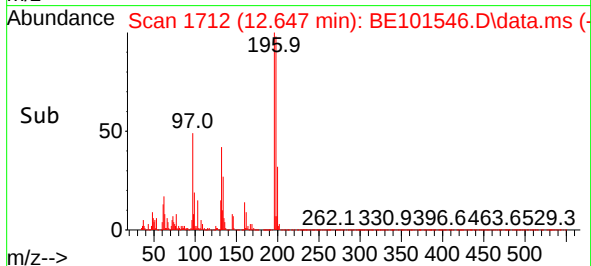
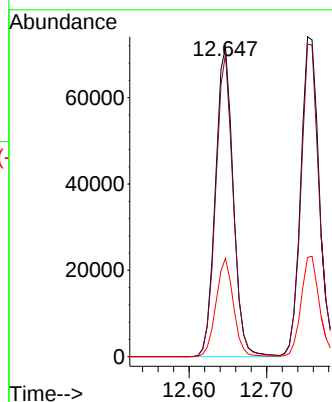
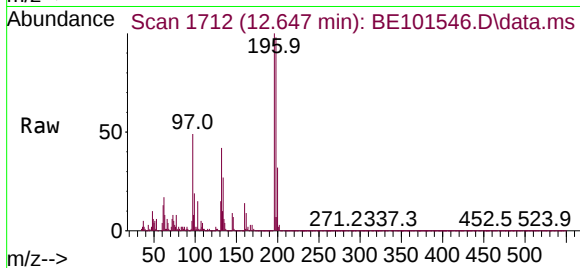
Tgt Ion:196	Resp:	11454
Ion Ratio	Lower	Upper
196	100	
198	97.7	77.7 116.5
200	31.8	25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/10/2024

Supervised By :mohammad ahmed 11/11/2024



#44

2,4,5-Trichlorophenol

Concen: 51.006 ng

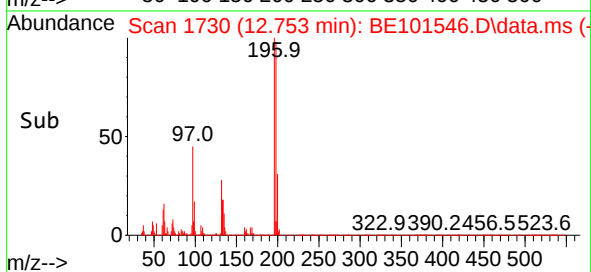
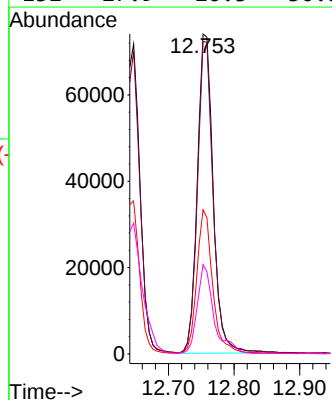
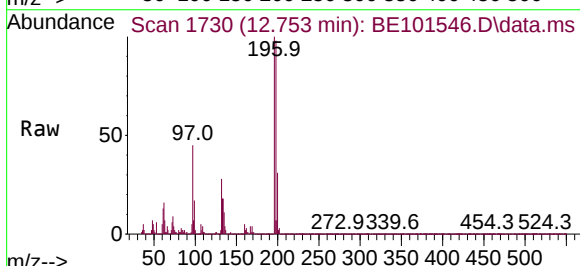
RT: 12.753 min Scan# 1730

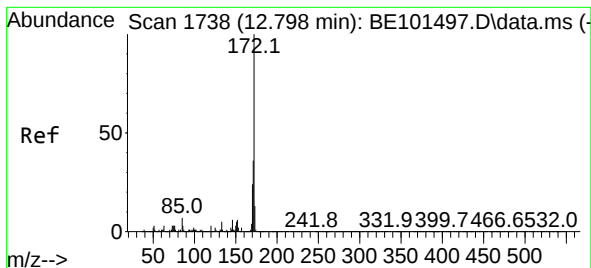
Delta R.T. -0.005 min

Lab File: BE101546.D

Acq: 8 Nov 2024 11:27

Tgt Ion:196	Resp:	124651
Ion Ratio	Lower	Upper
196	100	
198	97.7	77.3 115.9
97	45.1	33.4 50.0
132	27.9	20.3 30.5





#45

2-Fluorobiphenyl

Concen: 102.874 ng

RT: 12.794 min Scan# 1738

Delta R.T. -0.005 min

Lab File: BE101546.D

Acq: 8 Nov 2024 11:27

Instrument :

BNA_E

ClientSampleId :

PB164765BS

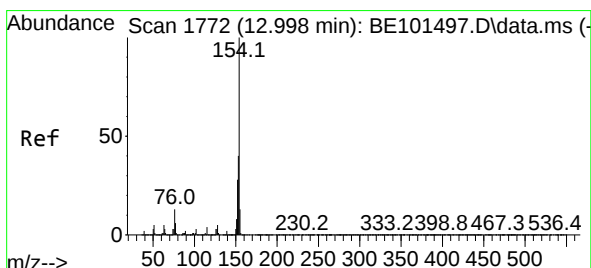
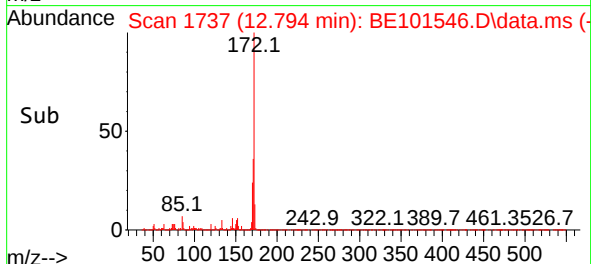
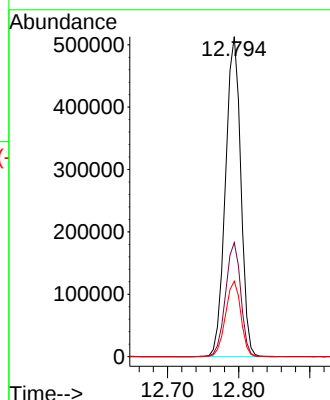
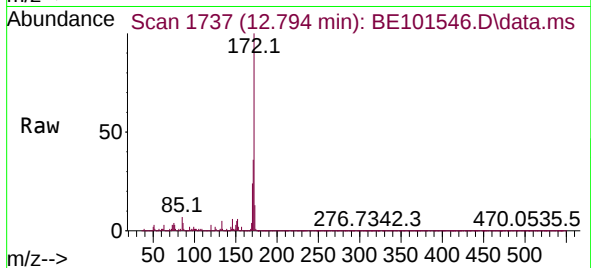
Tgt Ion:	172	Resp:	76330
Ion Ratio	Lower	Upper	
172	100		
171	35.6	28.6	43.0
170	23.6	18.9	28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/10/2024

Supervised By :mohammad ahmed 11/11/2024



#46

1,1'-Biphenyl

Concen: 49.562 ng

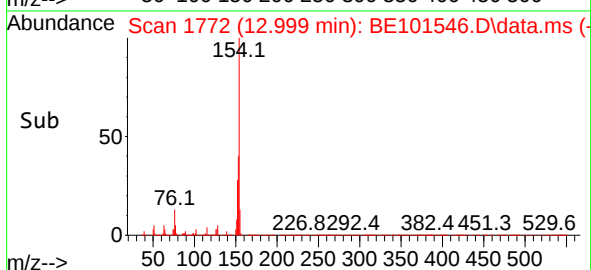
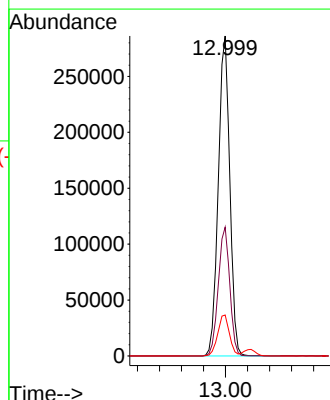
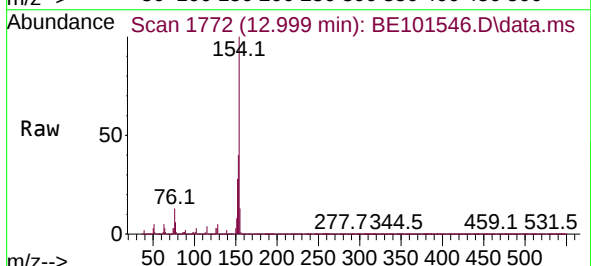
RT: 12.999 min Scan# 1772

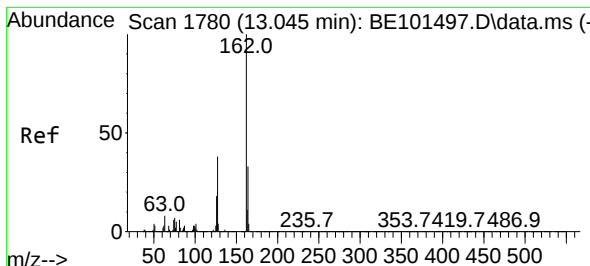
Delta R.T. 0.001 min

Lab File: BE101546.D

Acq: 8 Nov 2024 11:27

Tgt Ion:	154	Resp:	414187
Ion Ratio	Lower	Upper	
154	100		
153	40.2	19.7	59.7
76	12.8	0.0	33.0





#47
2-Chloronaphthalene
Concen: 48.853 ng
RT: 13.046 min Scan# 11
Delta R.T. 0.001 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

Instrument :

BNA_E

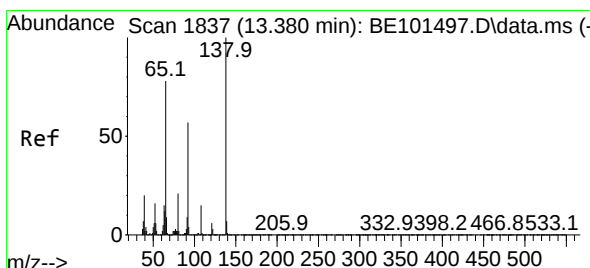
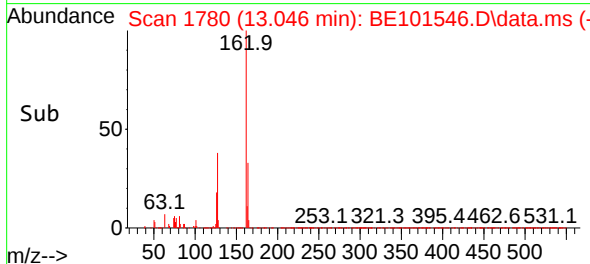
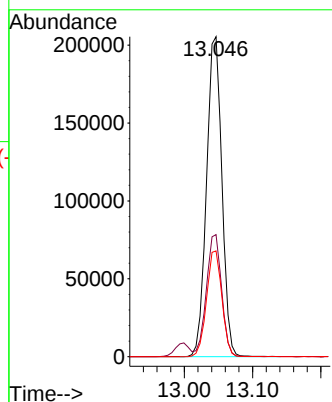
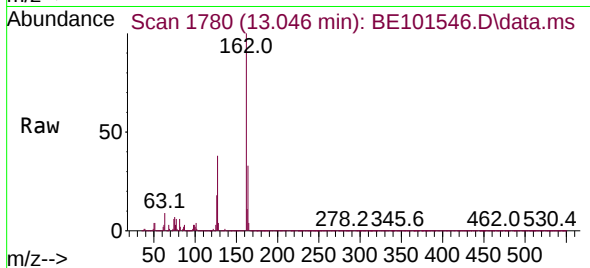
ClientSampleId :

PB164765BS

Tgt Ion:162 Resp: 32200
Ion Ratio Lower Upper
162 100
127 38.2 30.2 45.4
164 33.1 26.4 39.6

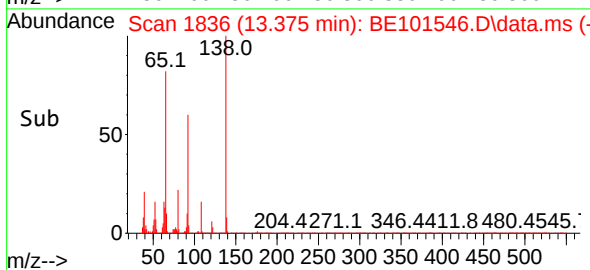
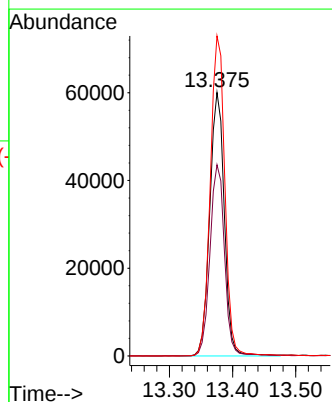
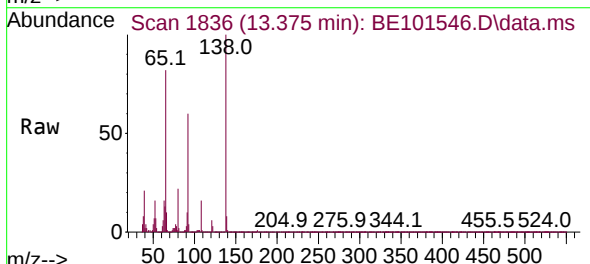
Manual Integrations
APPROVED

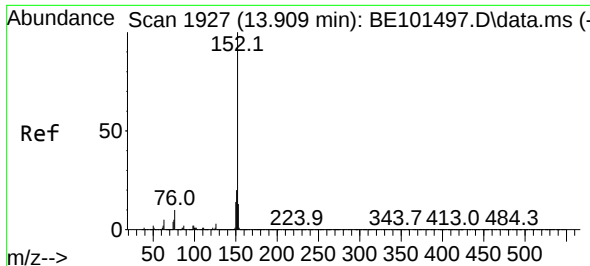
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#48
2-Nitroaniline
Concen: 55.009 ng
RT: 13.375 min Scan# 1836
Delta R.T. -0.005 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

Tgt Ion: 65 Resp: 95976
Ion Ratio Lower Upper
65 100
92 72.6 58.9 88.3
138 121.4 103.0 154.6





#49
Acenaphthylene
Concen: 53.744 ng
RT: 13.904 min Scan# 1926
Delta R.T. -0.005 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

Instrument :

BNA_E

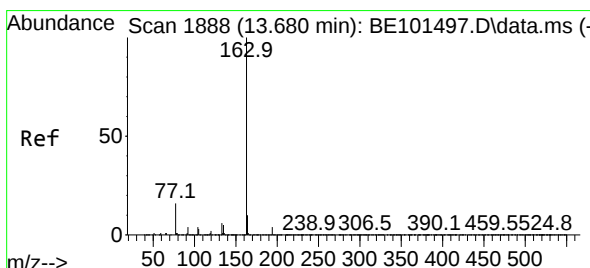
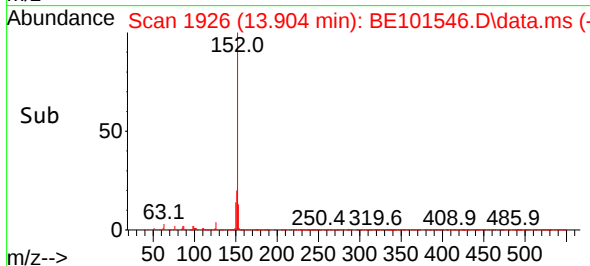
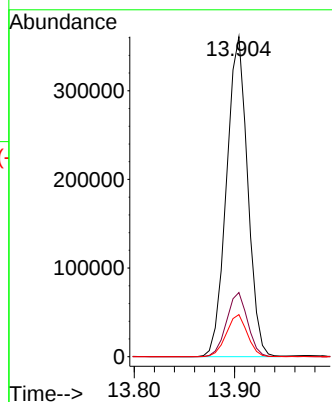
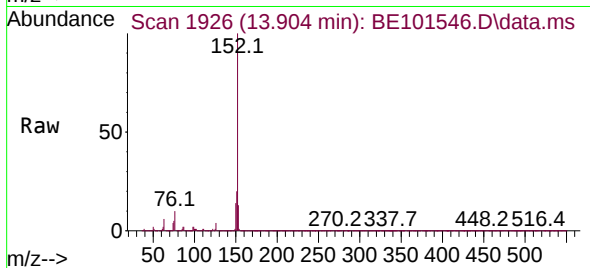
ClientSampleId :

PB164765BS

Tgt Ion:152 Resp: 52789
Ion Ratio Lower Upper
152 100
151 20.0 15.6 23.4
153 13.2 10.3 15.5

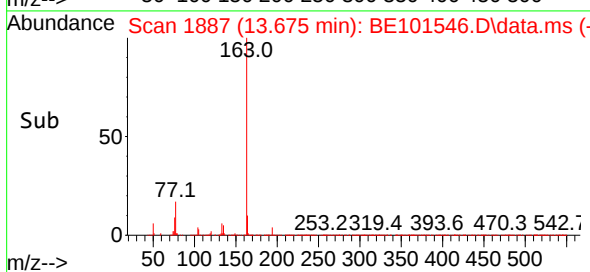
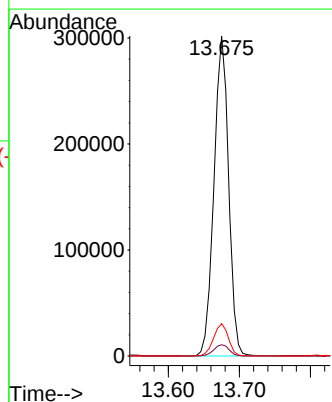
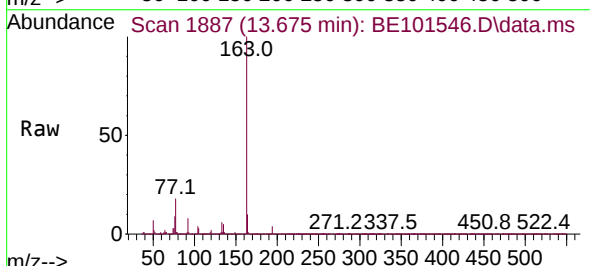
Manual Integrations
APPROVED

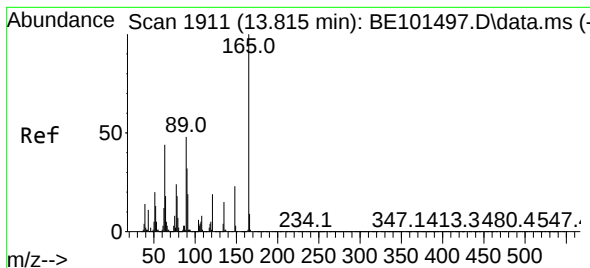
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#50
Dimethylphthalate
Concen: 50.048 ng
RT: 13.675 min Scan# 1887
Delta R.T. -0.005 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

Tgt Ion:163 Resp: 431770
Ion Ratio Lower Upper
163 100
194 3.5 2.9 4.3
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 48.385 ng
RT: 13.810 min Scan# 1911
Delta R.T. -0.005 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

Instrument :

BNA_E

ClientSampleId :

PB164765BS

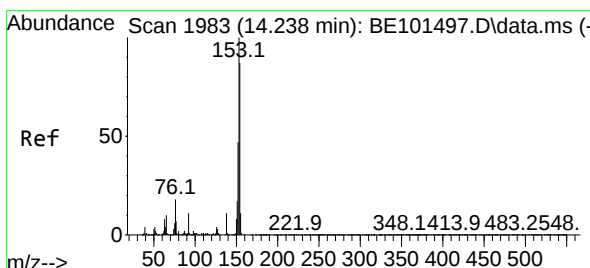
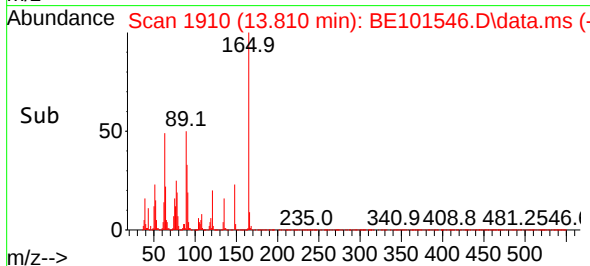
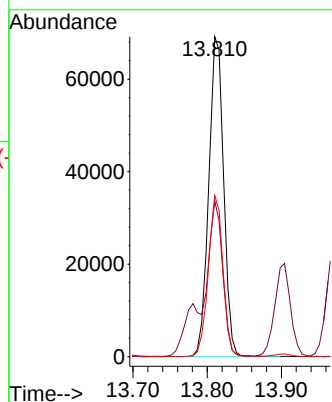
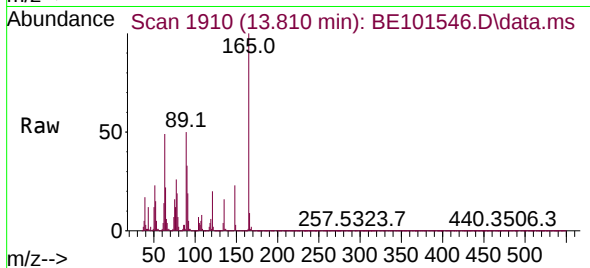
Tgt Ion:165 Resp: 9634
Ion Ratio Lower Upper
165 100
63 48.6 37.2 55.8
89 50.4 38.4 57.6

Manual Integrations

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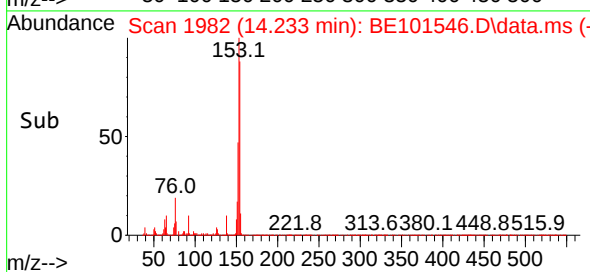
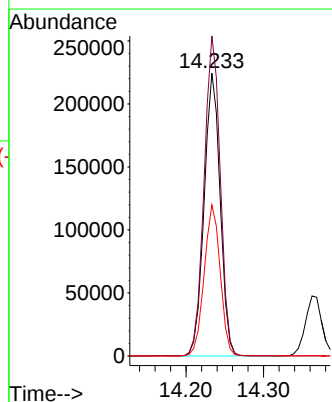
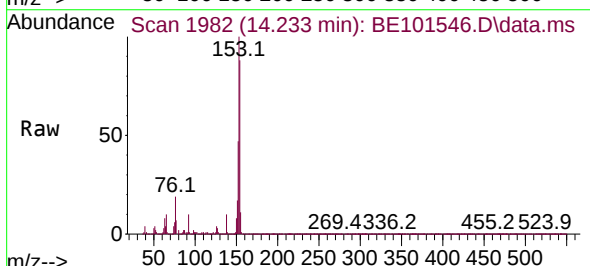
Reviewed By :Yogesh Patel 11/10/2024

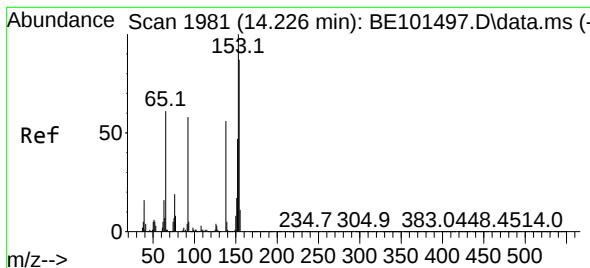
Supervised By :mohammad ahmed 11/11/2024



#52
Acenaphthene
Concen: 51.197 ng
RT: 14.233 min Scan# 1982
Delta R.T. -0.005 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

Tgt Ion:154 Resp: 320905
Ion Ratio Lower Upper
154 100
153 113.2 92.3 138.5
152 53.4 43.6 65.4





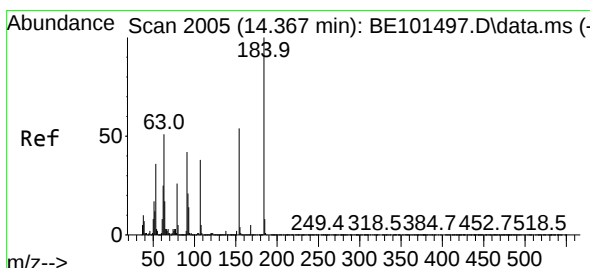
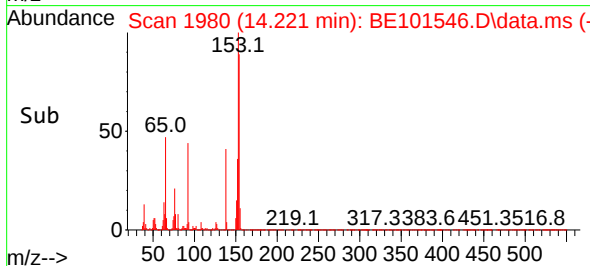
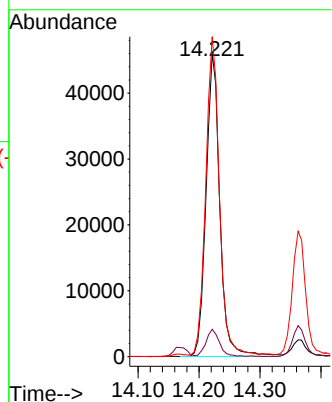
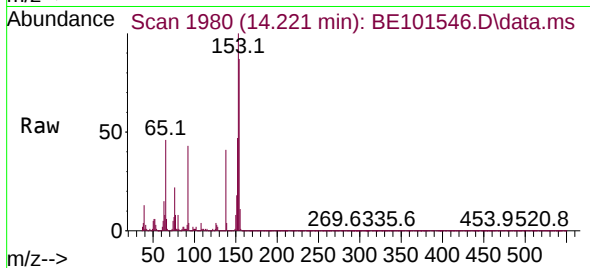
#53
3-Nitroaniline
Concen: 37.458 ng
RT: 14.221 min Scan# 1981
Delta R.T. -0.005 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

Instrument :
BNA_E
ClientSampleId :
PB164765BS

Tgt Ion:138 Resp: 72409
Ion Ratio Lower Upper
138 100
108 9.0 7.2 10.8
92 105.6 83.0 124.4

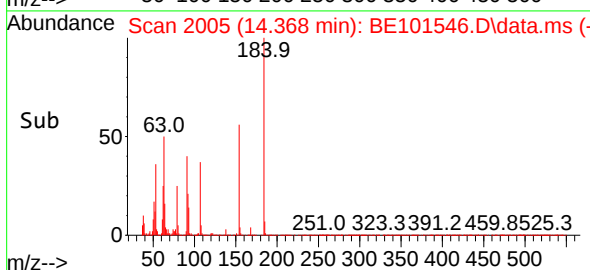
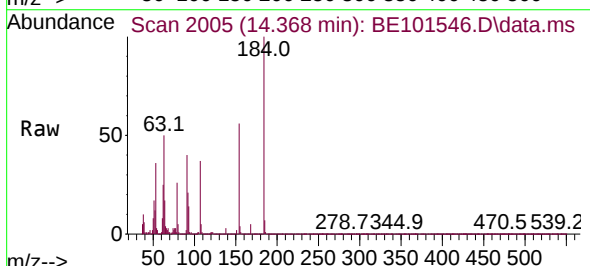
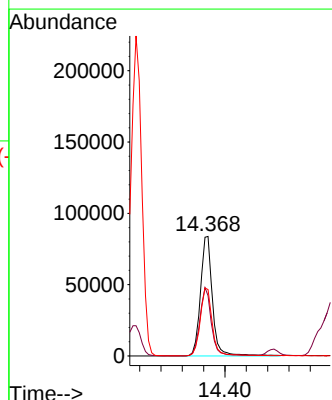
Manual Integrations
APPROVED

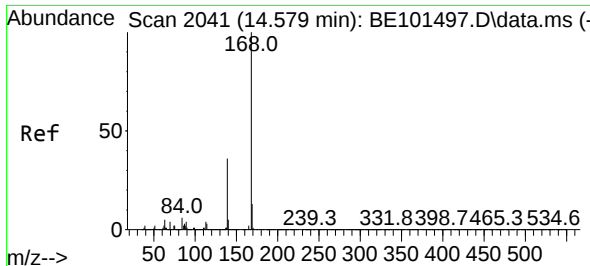
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#54
2,4-Dinitrophenol
Concen: 112.108 ng
RT: 14.368 min Scan# 2005
Delta R.T. 0.001 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

Tgt Ion:184 Resp: 130816
Ion Ratio Lower Upper
184 100
63 50.4 41.0 61.4
154 55.6 43.2 64.8





#55
Dibenzenofuran
Concen: 50.587 ng
RT: 14.574 min Scan# 2040
Delta R.T. -0.005 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

Instrument :

BNA_E

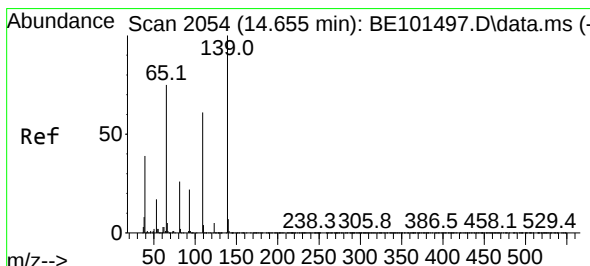
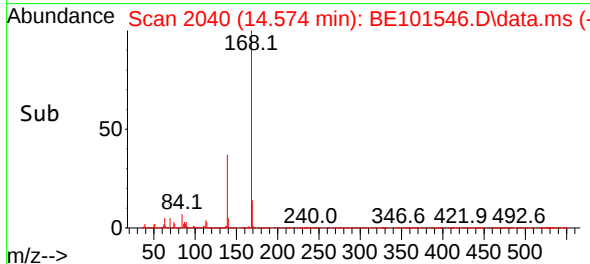
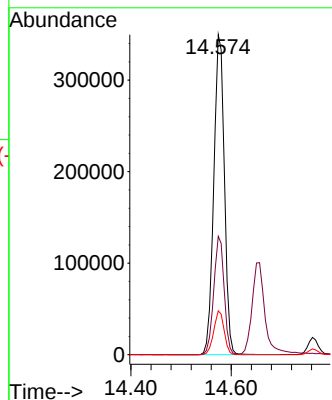
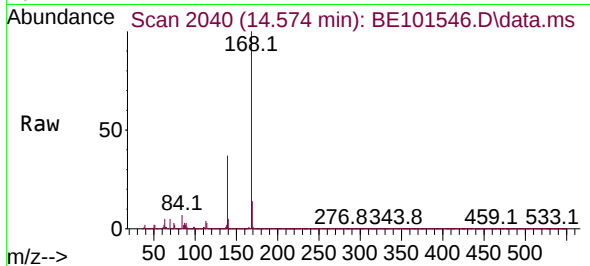
ClientSampleId :

PB164765BS

Tgt Ion:168 Resp: 51060
Ion Ratio Lower Upper
168 100
139 37.0 29.1 43.7
169 13.7 10.6 16.0

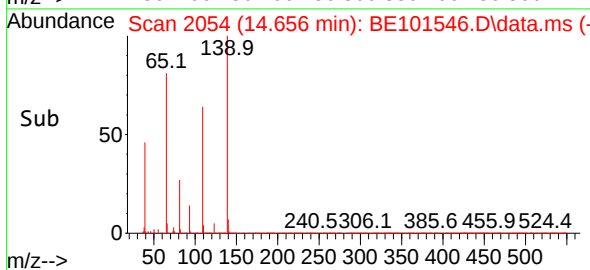
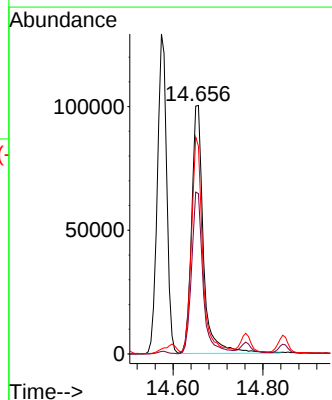
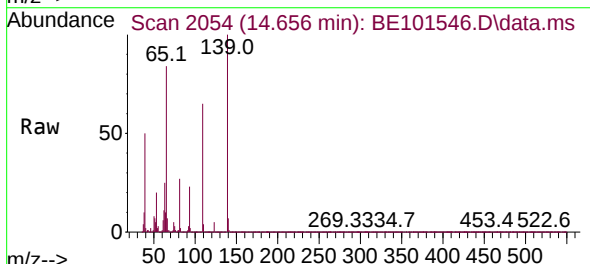
Manual Integrations
APPROVED

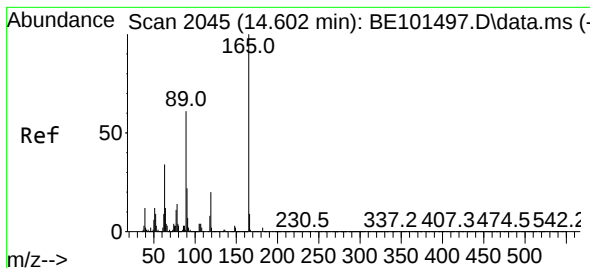
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#56
4-Nitrophenol
Concen: 114.835 ng
RT: 14.656 min Scan# 2054
Delta R.T. 0.001 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

Tgt Ion:139 Resp: 183303
Ion Ratio Lower Upper
139 100
109 64.5 40.7 80.7
65 83.5 58.0 98.0





#57
2,4-Dinitrotoluene
Concen: 50.160 ng
RT: 14.597 min Scan# 2044
Delta R.T. -0.005 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

Instrument :

BNA_E

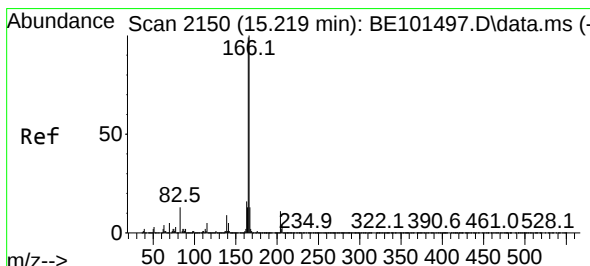
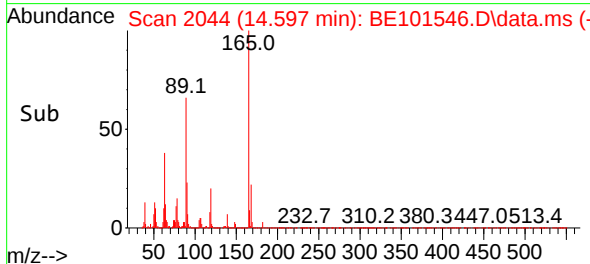
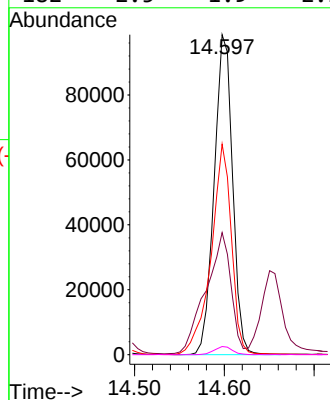
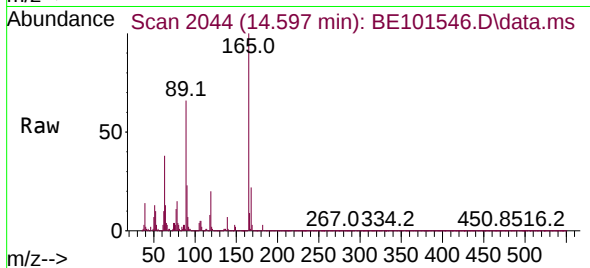
ClientSampleId :

PB164765BS

Tgt Ion:165 Resp: 140318
Ion Ratio Lower Upper
165 100
63 38.2 27.8 41.8
89 65.8 49.5 74.3
182 2.5 1.9 2.9

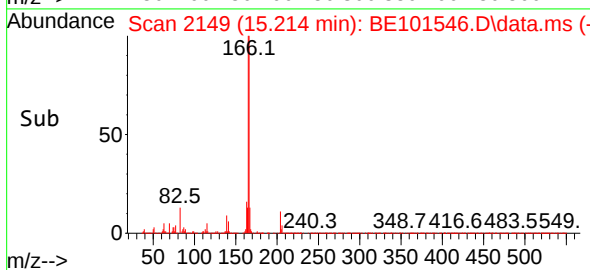
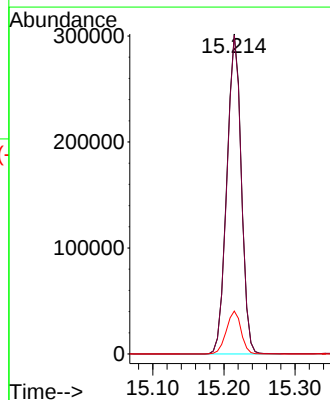
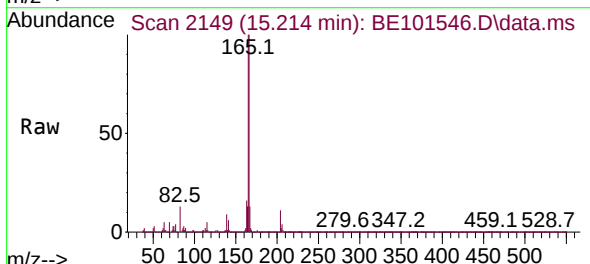
Manual Integrations
APPROVED

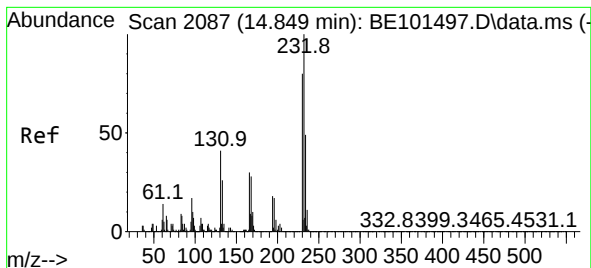
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#58
Fluorene
Concen: 50.389 ng
RT: 15.214 min Scan# 2149
Delta R.T. -0.005 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

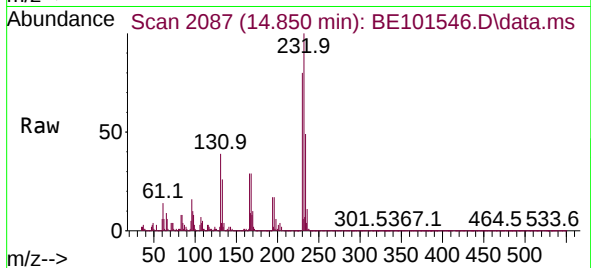
Tgt Ion:166 Resp: 424454
Ion Ratio Lower Upper
166 100
165 99.5 79.0 118.4
167 13.4 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.196 ng
RT: 14.850 min Scan# 2087
Delta R.T. 0.001 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

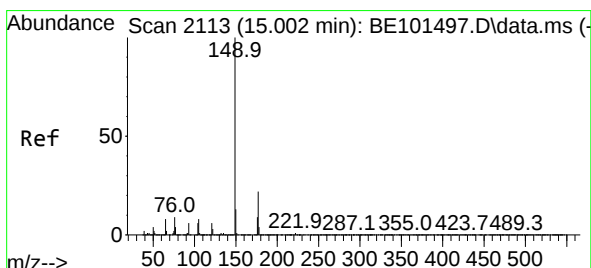
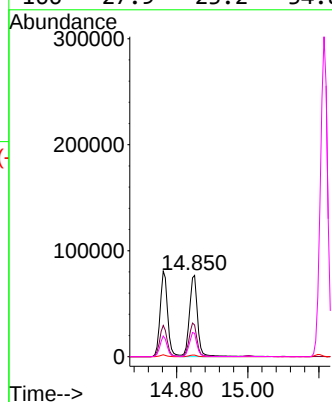
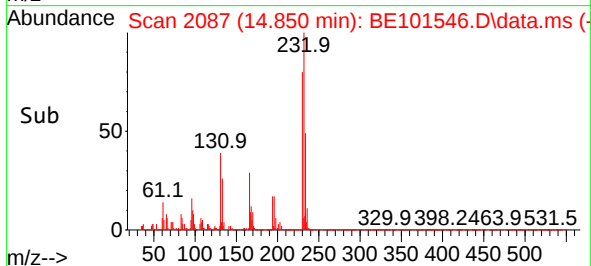
Instrument :
BNA_E
ClientSampleId :
PB164765BS



Tgt Ion:232 Resp: 120295
Ion Ratio Lower Upper
232 100
131 40.5 32.2 48.4
130 2.0 1.5 2.3
166 27.9 23.2 34.8

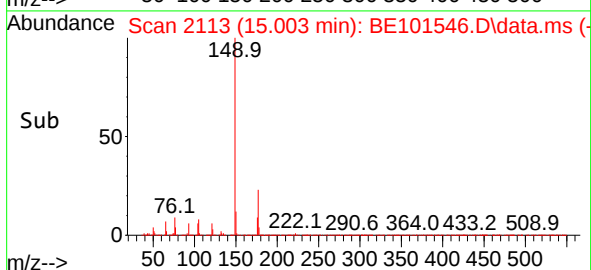
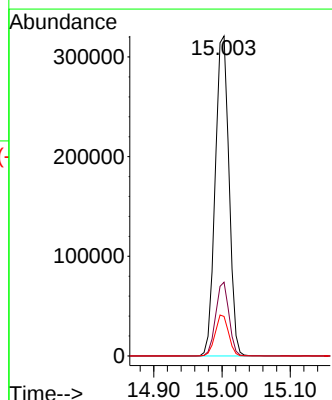
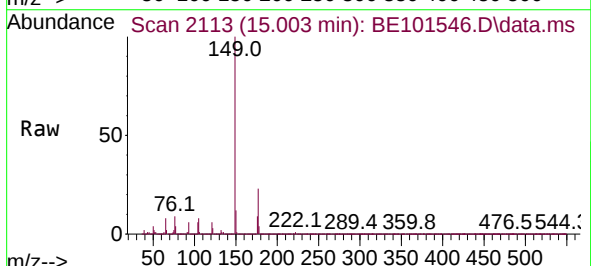
Manual Integrations
APPROVED

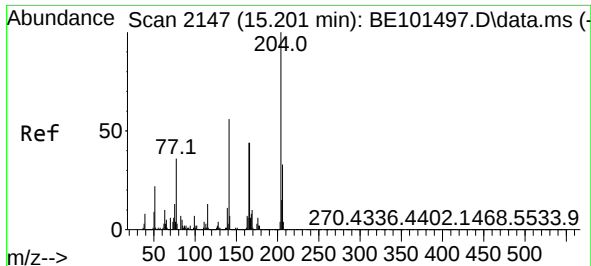
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#60
Diethylphthalate
Concen: 49.569 ng
RT: 15.003 min Scan# 2113
Delta R.T. 0.001 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

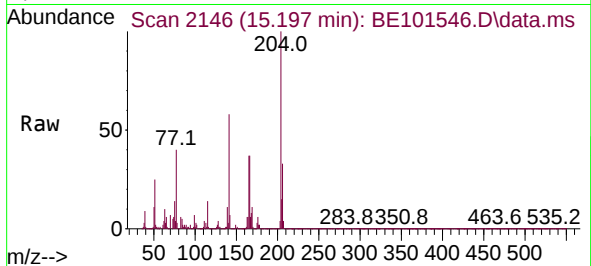
Tgt Ion:149 Resp: 450901
Ion Ratio Lower Upper
149 100
177 23.1 17.9 26.9
150 12.4 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 48.375 ng
RT: 15.197 min Scan# 2146
Delta R.T. -0.005 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

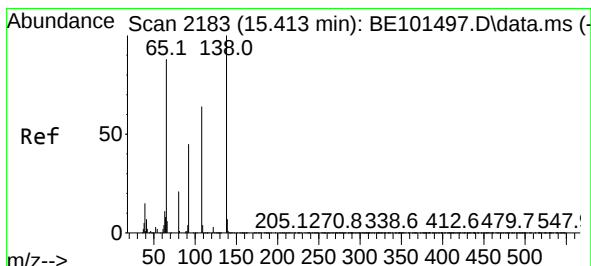
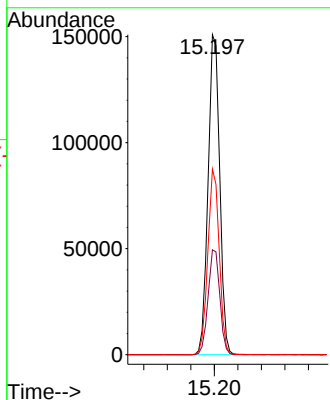
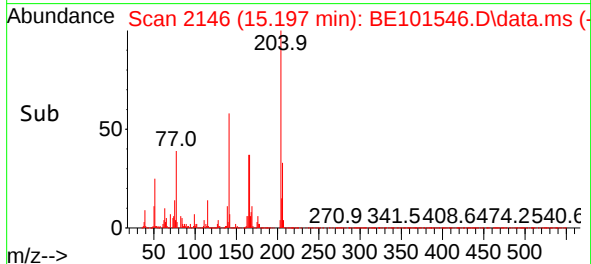
Instrument :
BNA_E
ClientSampleId :
PB164765BS



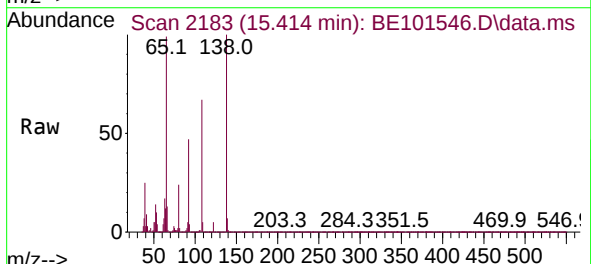
Tgt Ion:204 Resp: 206925
Ion Ratio Lower Upper
204 100
206 32.8 26.7 40.1
141 58.0 44.8 67.2

Manual Integrations
APPROVED

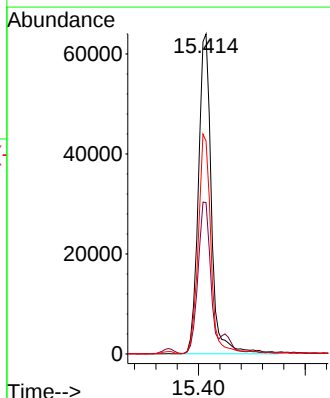
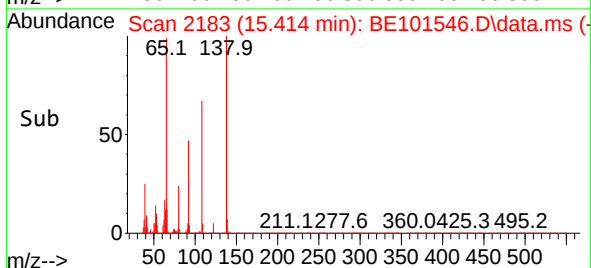
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024

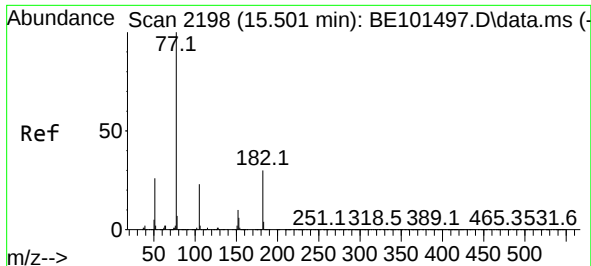


#62
4-Nitroaniline
Concen: 52.048 ng
RT: 15.414 min Scan# 2183
Delta R.T. 0.001 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27



Tgt Ion:138 Resp: 108399
Ion Ratio Lower Upper
138 100
92 47.3 25.7 65.7
108 66.5 44.4 84.4





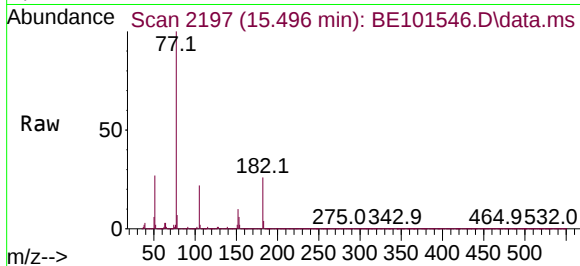
#63
Azobenzene
Concen: 52.516 ng
RT: 15.496 min Scan# 2198
Delta R.T. -0.005 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

Instrument :

BNA_E

ClientSampleId :

PB164765BS



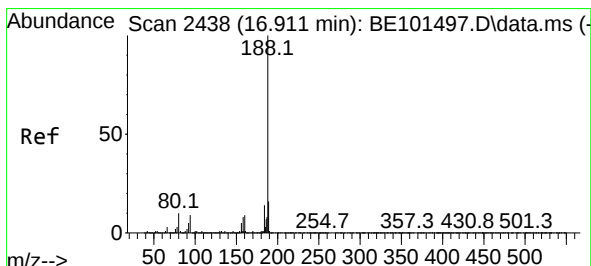
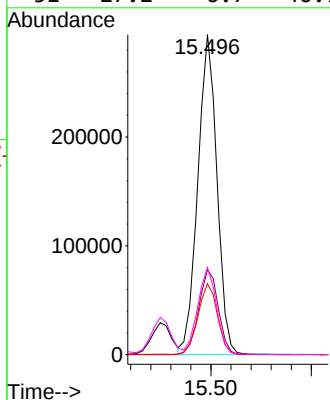
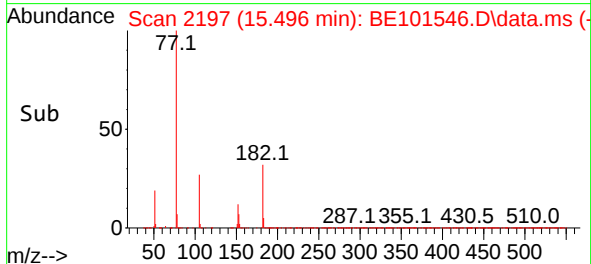
Tgt Ion: 77 Resp: 389729
Ion Ratio Lower Upper
77 100
182 26.5 9.1 49.1
105 22.2 3.2 43.2
51 27.2 6.7 46.7

Manual Integrations

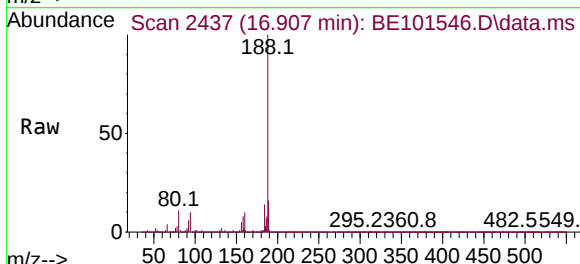
APPROVED

Reviewed By :Yogesh Patel 11/10/2024

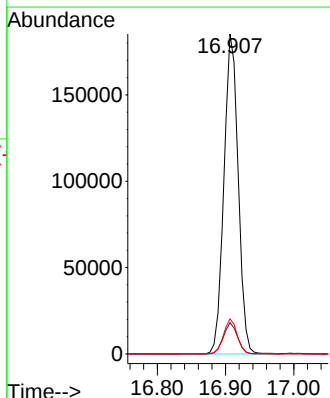
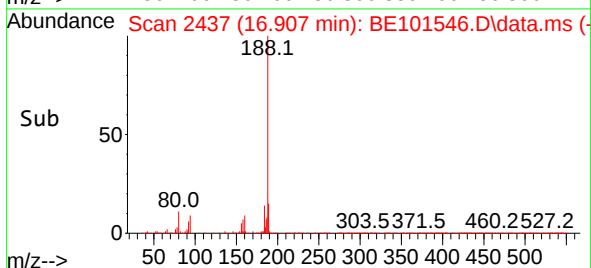
Supervised By :mohammad ahmed 11/11/2024

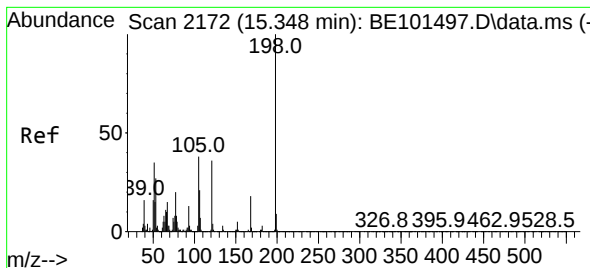


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2437
Delta R.T. -0.005 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27



Tgt Ion:188 Resp: 268998
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.2
80 10.9 8.0 12.0





#65
4,6-Dinitro-2-methylphenol
Concen: 55.324 ng
RT: 15.344 min Scan# 2172
Delta R.T. -0.005 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

Instrument :

BNA_E

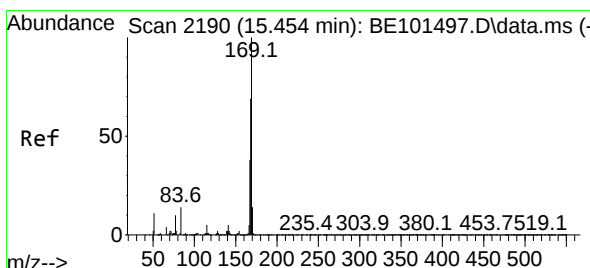
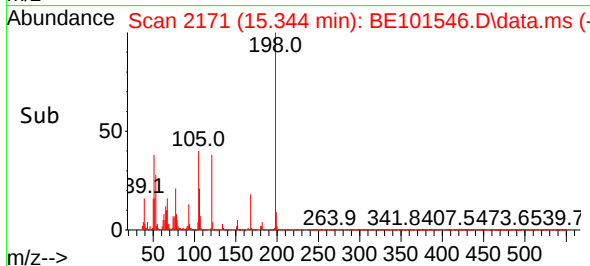
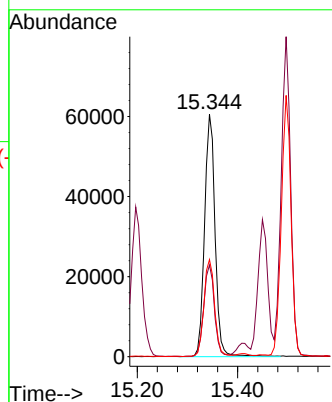
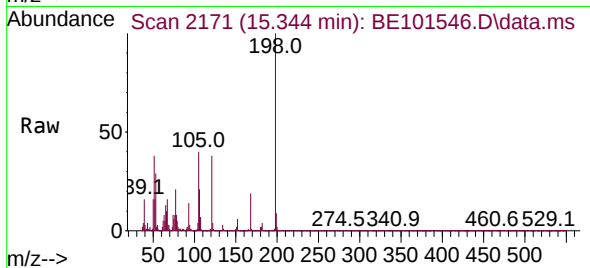
ClientSampleId :

PB164765BS

Tgt Ion:198 Resp: 8834
Ion Ratio Lower Upper
198 100
51 37.8 15.3 55.3
105 40.1 18.5 58.5

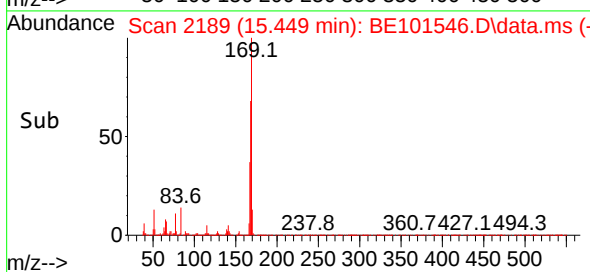
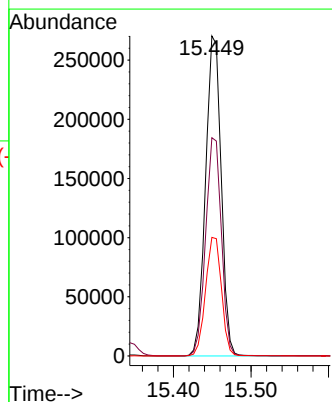
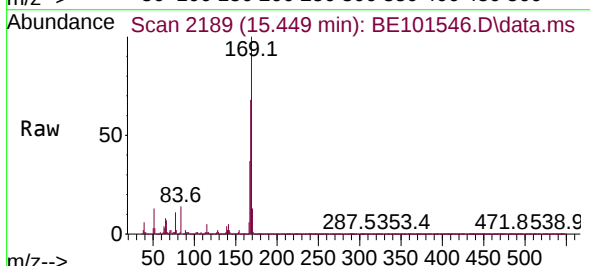
Manual Integrations
APPROVED

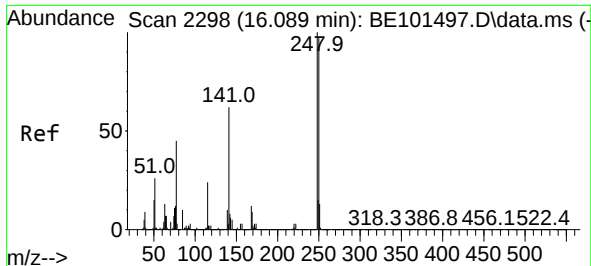
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#66
n-Nitrosodiphenylamine
Concen: 52.986 ng
RT: 15.449 min Scan# 2189
Delta R.T. -0.005 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

Tgt Ion:169 Resp: 378253
Ion Ratio Lower Upper
169 100
168 68.2 55.5 83.3
167 37.1 30.4 45.6





#67
4-Bromophenyl-phenylether
Concen: 49.162 ng
RT: 16.084 min Scan# 211
Delta R.T. -0.005 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

Instrument :

BNA_E

ClientSampleId :

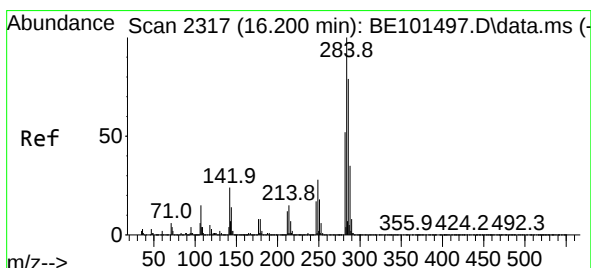
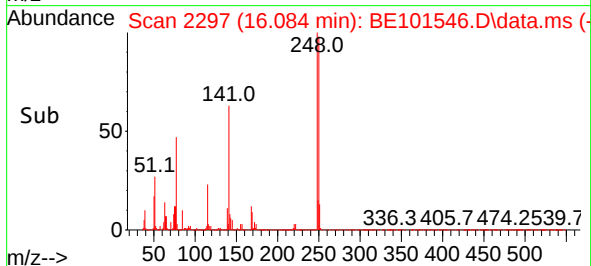
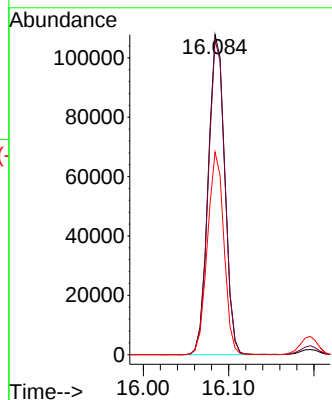
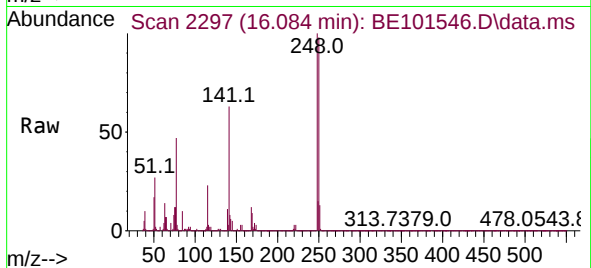
PB164765BS

Tgt Ion:248 Resp: 145858
Ion Ratio Lower Upper
248 100
250 98.4 78.0 117.0
141 63.4 50.0 75.0

Manual Integrations

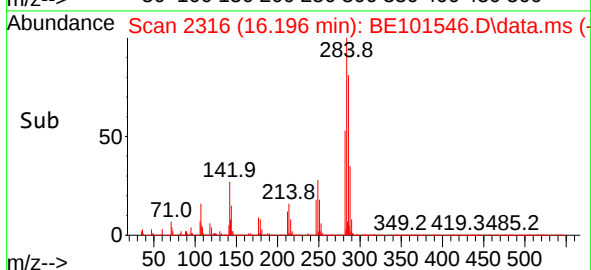
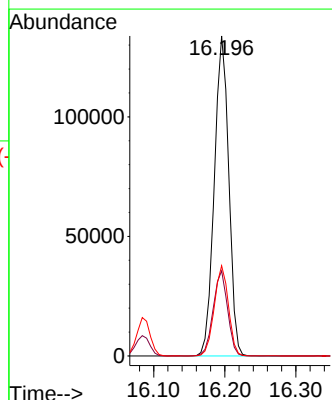
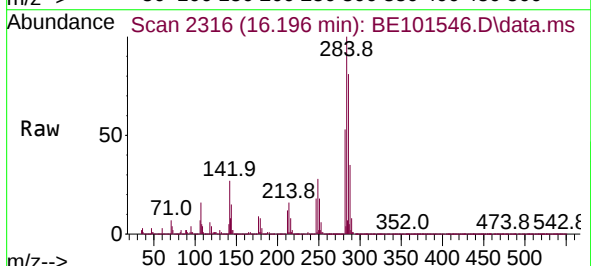
APPROVED

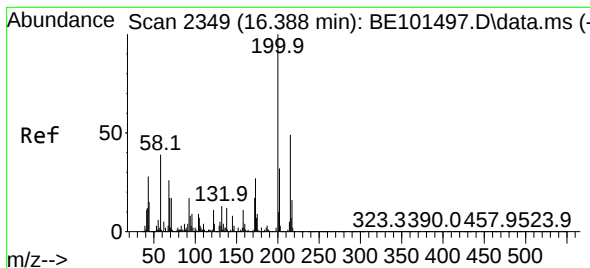
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#68
Hexachlorobenzene
Concen: 48.280 ng
RT: 16.196 min Scan# 2316
Delta R.T. -0.005 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

Tgt Ion:284 Resp: 188514
Ion Ratio Lower Upper
284 100
142 26.6 19.4 29.2
249 28.2 22.4 33.6





#69

Atrazine

Concen: 56.017 ng

RT: 16.384 min Scan# 21

Delta R.T. -0.005 min

Lab File: BE101546.D

Acq: 8 Nov 2024 11:27

Instrument :

BNA_E

ClientSampleId :

PB164765BS

Tgt Ion:200 Resp: 11806

Ion Ratio Lower Upper

200 100

173 26.7 7.4 47.4

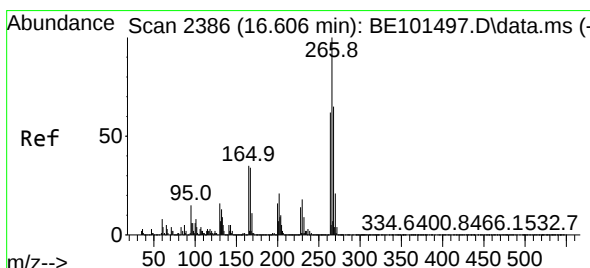
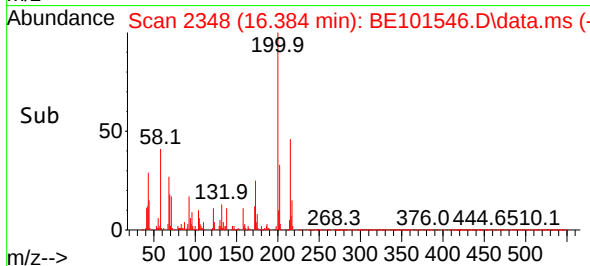
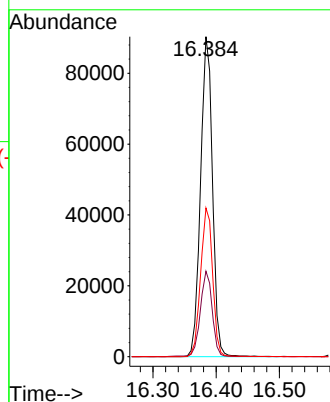
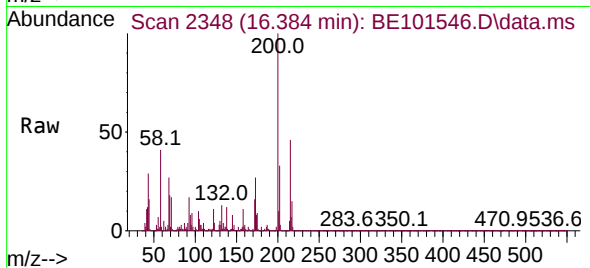
215 46.5 28.9 68.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/10/2024

Supervised By :mohammad ahmed 11/11/2024



#70

Pentachlorophenol

Concen: 106.764 ng

RT: 16.607 min Scan# 2386

Delta R.T. 0.001 min

Lab File: BE101546.D

Acq: 8 Nov 2024 11:27

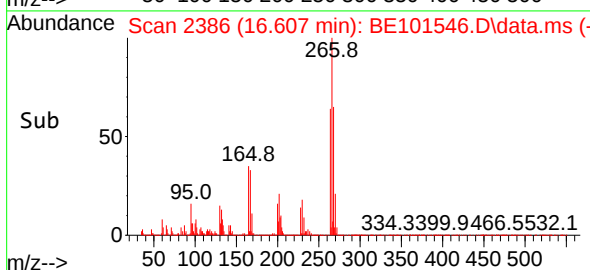
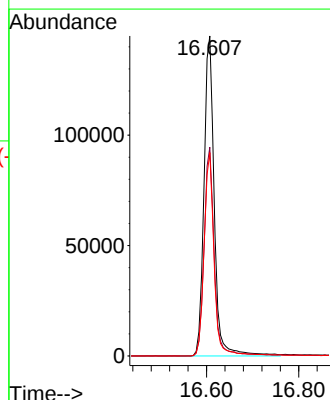
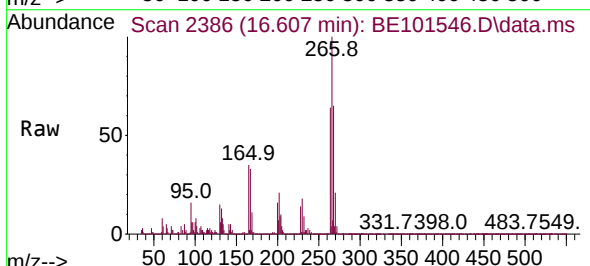
Tgt Ion:266 Resp: 226190

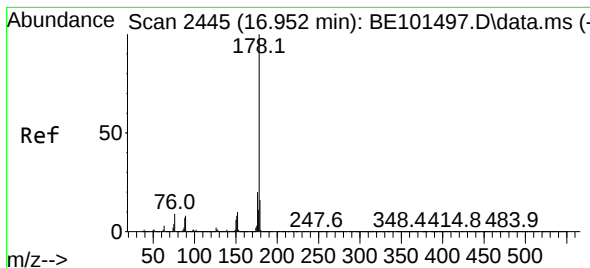
Ion Ratio Lower Upper

266 100

268 65.3 52.0 78.0

264 63.6 49.6 74.4





#71

Phenanthrene

Concen: 53.519 ng

RT: 16.948 min Scan# 2444

Delta R.T. -0.005 min

Lab File: BE101546.D

Acq: 8 Nov 2024 11:27

Instrument :

BNA_E

ClientSampleId :

PB164765BS

Tgt Ion:178 Resp: 700200

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.8

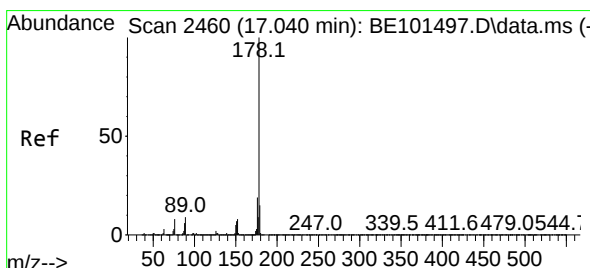
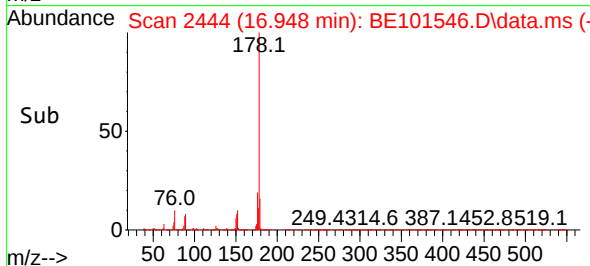
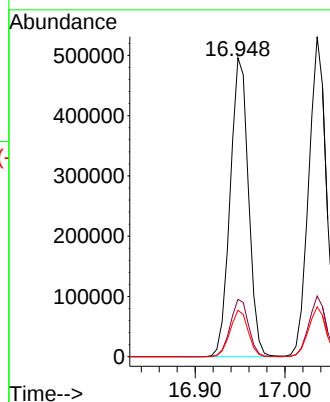
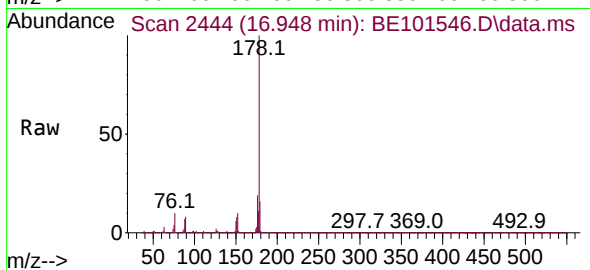
179 15.5 12.6 19.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/10/2024

Supervised By :mohammad ahmed 11/11/2024



#72

Anthracene

Concen: 55.699 ng

RT: 17.036 min Scan# 2459

Delta R.T. -0.005 min

Lab File: BE101546.D

Acq: 8 Nov 2024 11:27

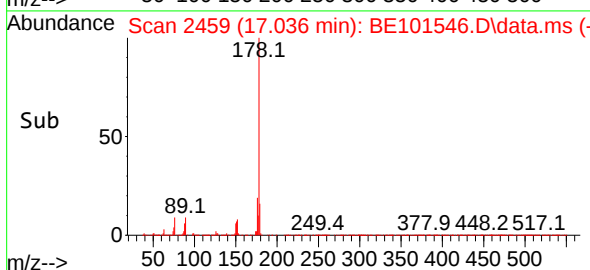
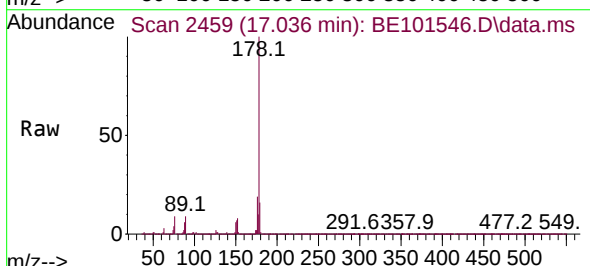
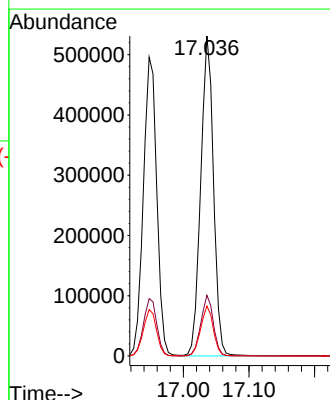
Tgt Ion:178 Resp: 719643

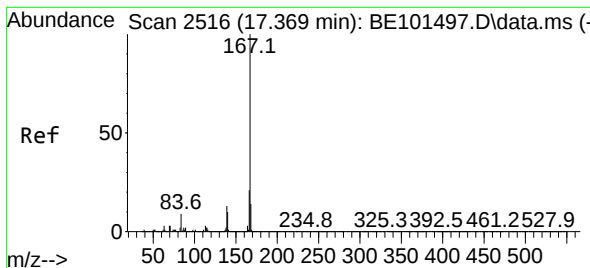
Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

179 15.6 12.4 18.6





#73

Carbazole

Concen: 53.362 ng

RT: 17.371 min Scan# 2516

Delta R.T. 0.001 min

Lab File: BE101546.D

Acq: 8 Nov 2024 11:27

Instrument :

BNA_E

ClientSampleId :

PB164765BS

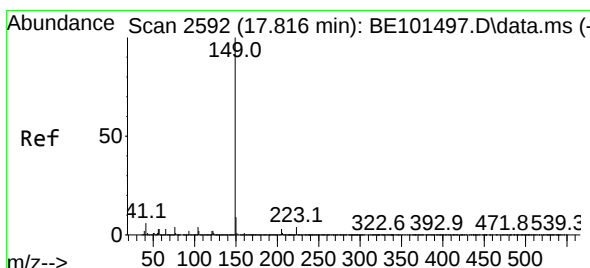
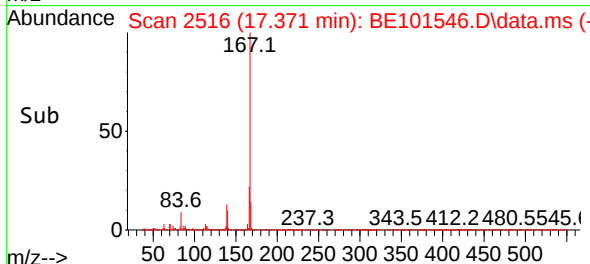
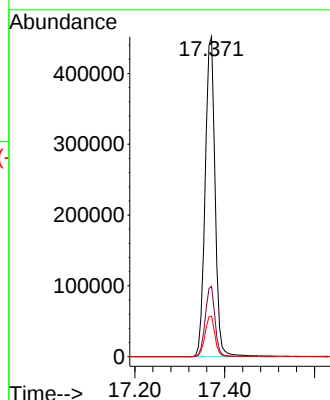
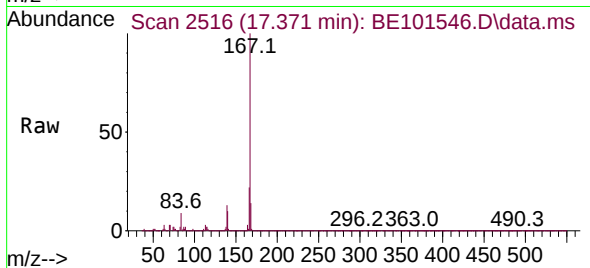
Tgt Ion:167	Resp: 691394
Ion Ratio	Lower Upper
167 100	
166 22.0	17.1 25.7
139 12.7	10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/10/2024

Supervised By :mohammad ahmed 11/11/2024



#74

Di-n-butylphthalate

Concen: 51.837 ng

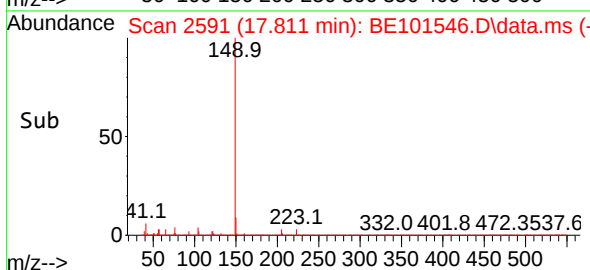
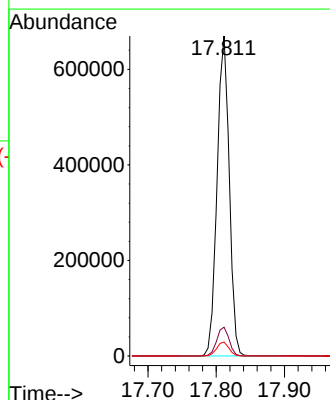
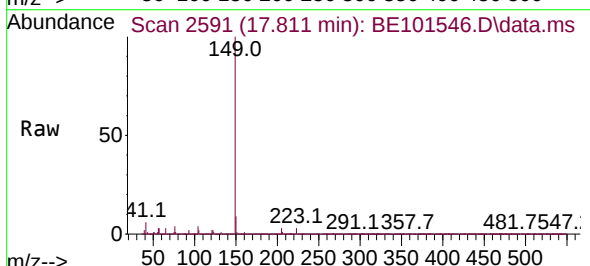
RT: 17.811 min Scan# 2591

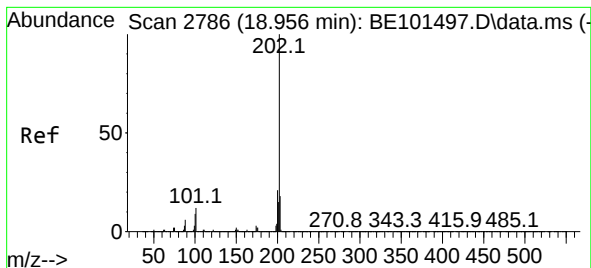
Delta R.T. -0.005 min

Lab File: BE101546.D

Acq: 8 Nov 2024 11:27

Tgt Ion:149	Resp: 829412
Ion Ratio	Lower Upper
149 100	
150 9.0	7.5 11.3
104 4.3	3.4 5.2





#75

Fluoranthene

Concen: 52.628 ng

RT: 18.957 min Scan# 21

Delta R.T. 0.001 min

Lab File: BE101546.D

Acq: 8 Nov 2024 11:27

Instrument :

BNA_E

ClientSampleId :

PB164765BS

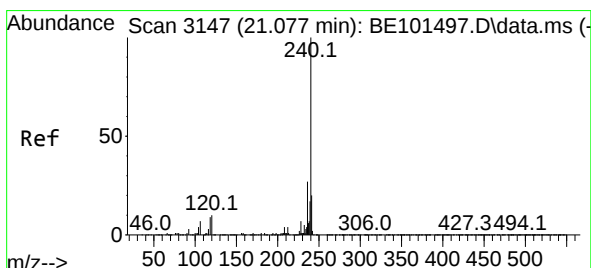
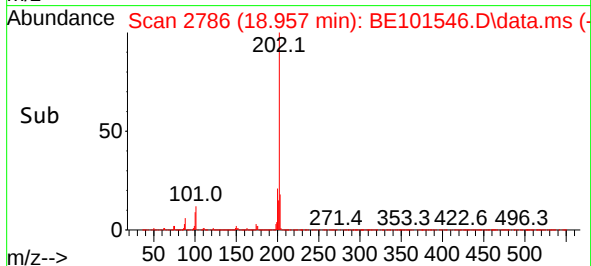
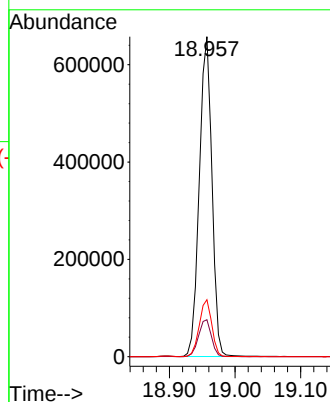
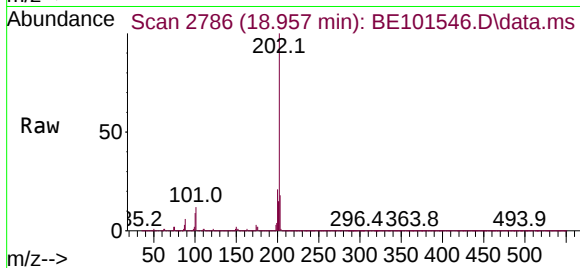
Tgt Ion:	202	Resp:	882810
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	31.7
203	17.8	0.0	37.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/10/2024

Supervised By :mohammad ahmed 11/11/2024



#76

Chrysene-d12

Concen: 20.000 ng

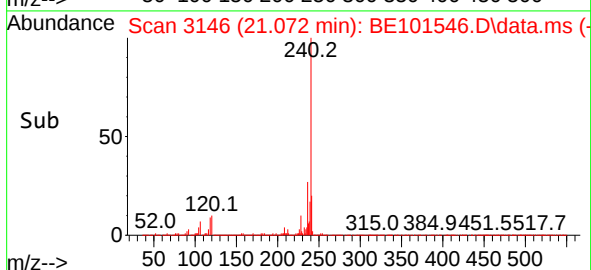
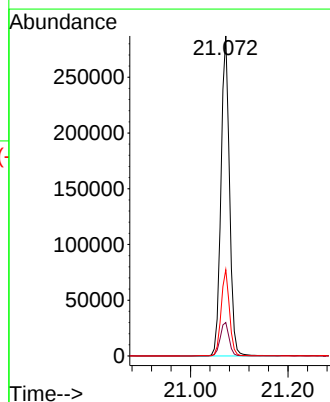
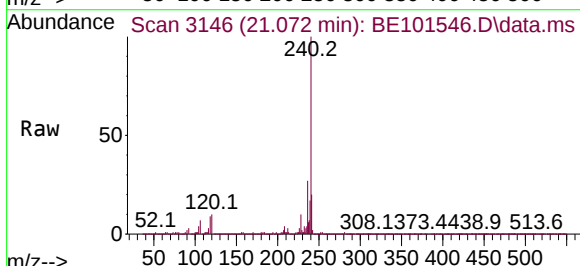
RT: 21.072 min Scan# 3146

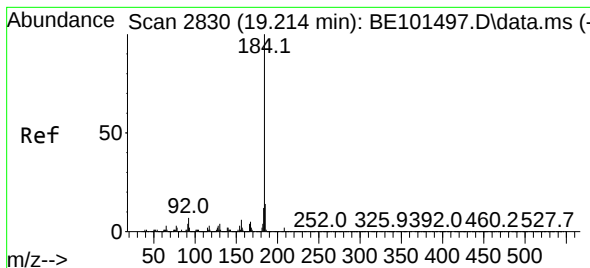
Delta R.T. -0.005 min

Lab File: BE101546.D

Acq: 8 Nov 2024 11:27

Tgt Ion:	240	Resp:	348750
Ion Ratio	Lower	Upper	
240	100		
120	10.4	8.2	12.4
236	26.9	21.4	32.2





#77

Benzidine

Concen: 50.166 ng

RT: 19.210 min Scan# 2829

Delta R.T. -0.004 min

Lab File: BE101546.D

Acq: 8 Nov 2024 11:27

Instrument :

BNA_E

ClientSampleId :

PB164765BS

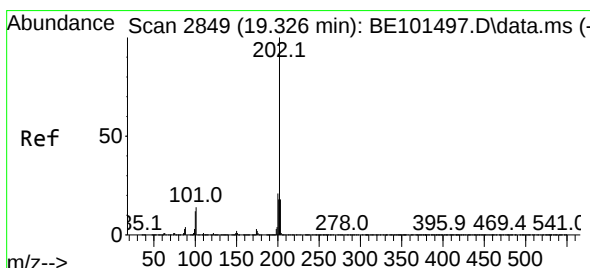
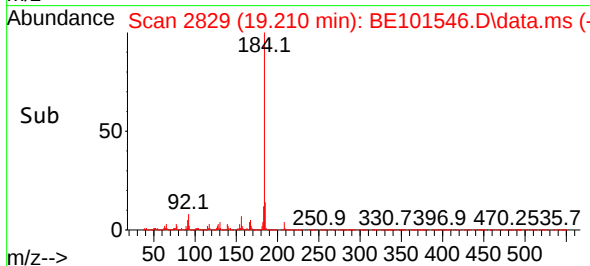
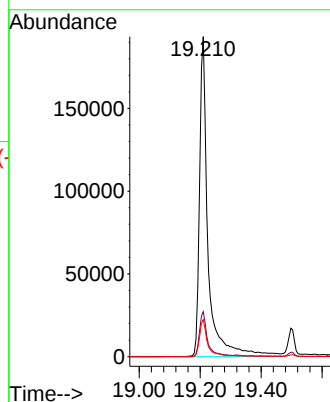
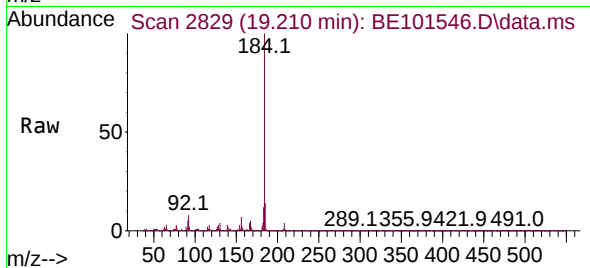
Tgt Ion:184 Resp: 375815
 Ion Ratio Lower Upper
 184 100
 185 14.0 11.2 16.8
 183 11.6 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/10/2024

Supervised By :mohammad ahmed 11/11/2024



#78

Pyrene

Concen: 48.101 ng

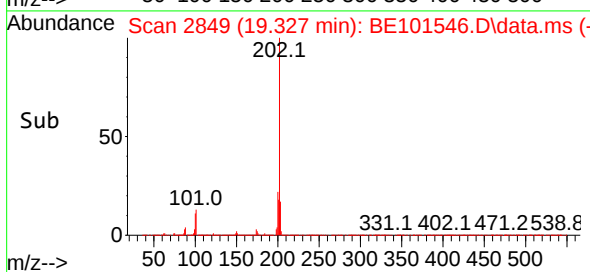
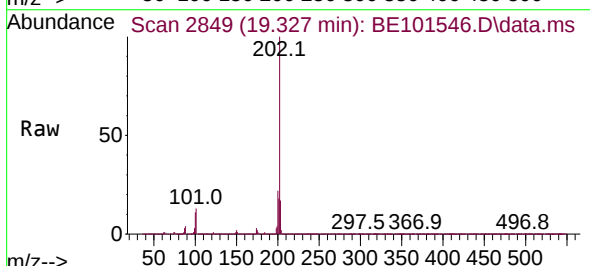
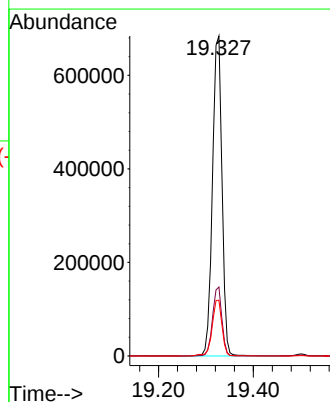
RT: 19.327 min Scan# 2849

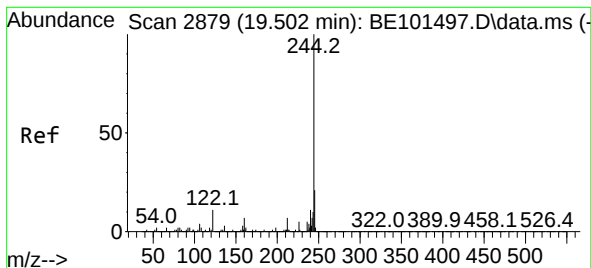
Delta R.T. 0.001 min

Lab File: BE101546.D

Acq: 8 Nov 2024 11:27

Tgt Ion:202 Resp: 954484
 Ion Ratio Lower Upper
 202 100
 200 21.6 17.2 25.8
 203 17.4 14.2 21.4





#79

Terphenyl-d14

Concen: 104.429 ng

RT: 19.503 min Scan# 21

Delta R.T. 0.001 min

Lab File: BE101546.D

Acq: 8 Nov 2024 11:27

Instrument :

BNA_E

ClientSampleId :

PB164765BS

Tgt Ion:244 Resp: 1645290

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

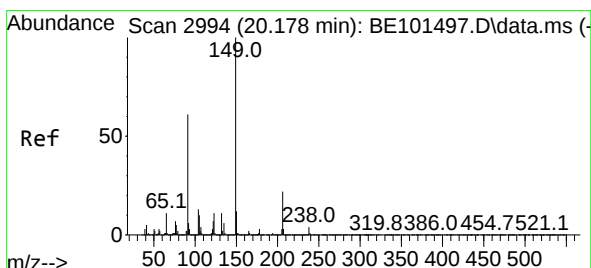
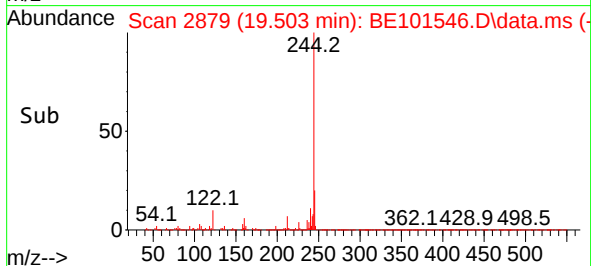
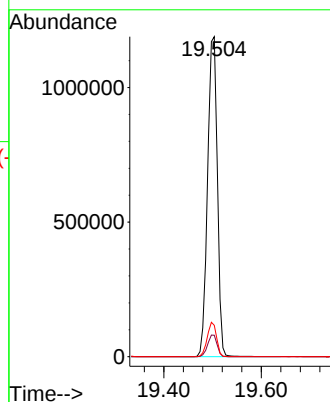
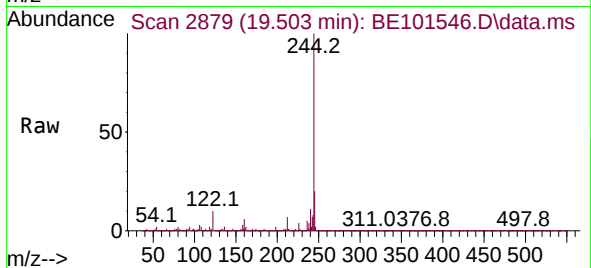
122 9.8 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/10/2024

Supervised By :mohammad ahmed 11/11/2024



#80

Butylbenzylphthalate

Concen: 49.549 ng

RT: 20.173 min Scan# 2993

Delta R.T. -0.005 min

Lab File: BE101546.D

Acq: 8 Nov 2024 11:27

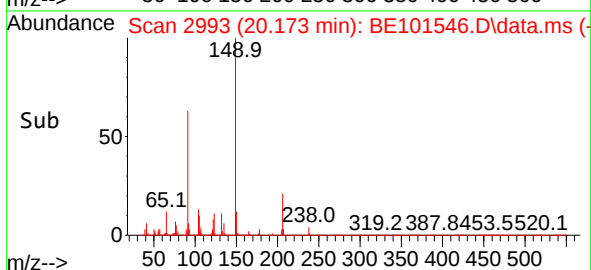
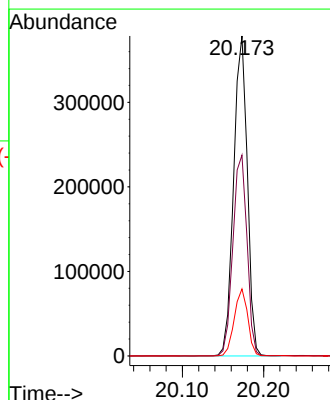
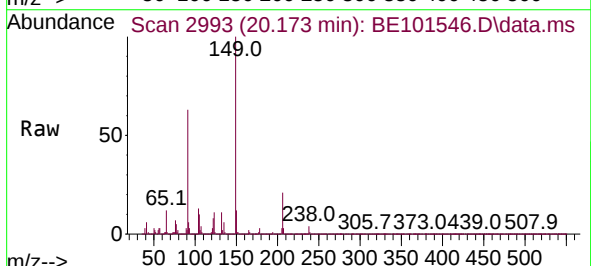
Tgt Ion:149 Resp: 441852

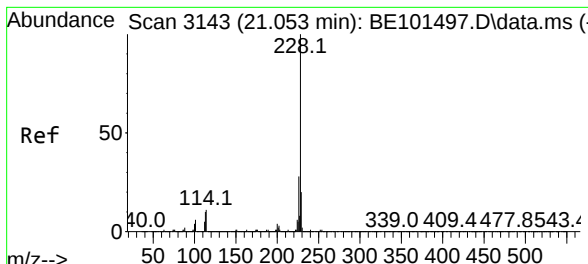
Ion Ratio Lower Upper

149 100

91 62.7 49.2 73.8

206 20.9 17.4 26.2





#81
Benzo(a)anthracene
Concen: 53.571 ng
RT: 21.049 min Scan# 3142
Delta R.T. -0.005 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

Instrument :

BNA_E

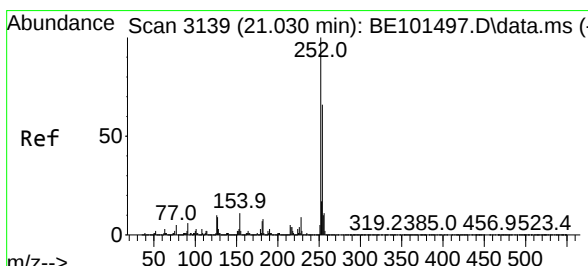
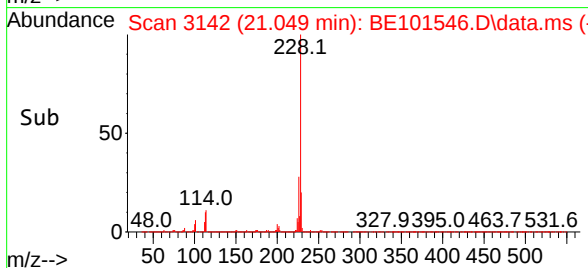
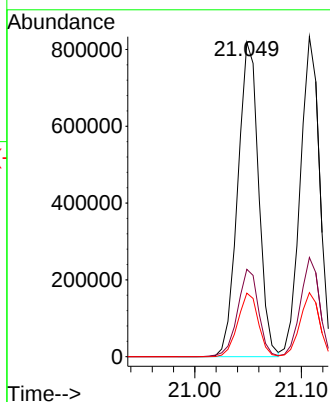
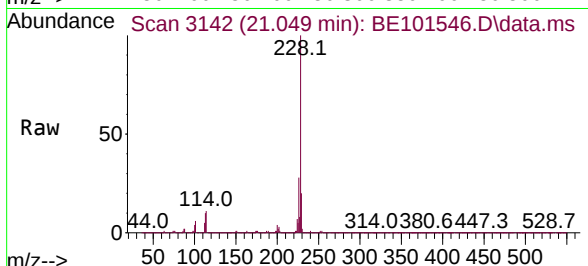
ClientSampleId :

PB164765BS

Tgt Ion:228 Resp: 1109594
Ion Ratio Lower Upper
228 100
226 27.8 22.4 33.6
229 20.2 16.1 24.1

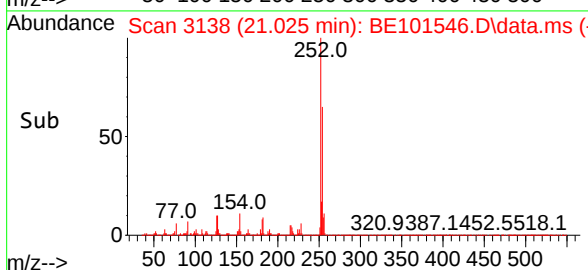
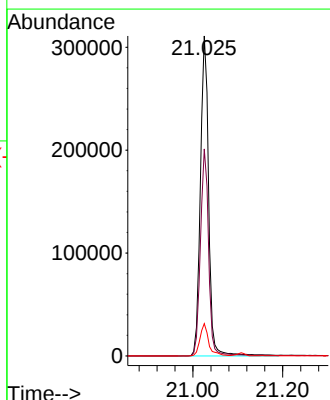
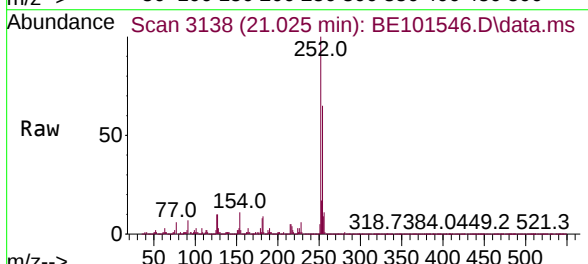
Manual Integrations
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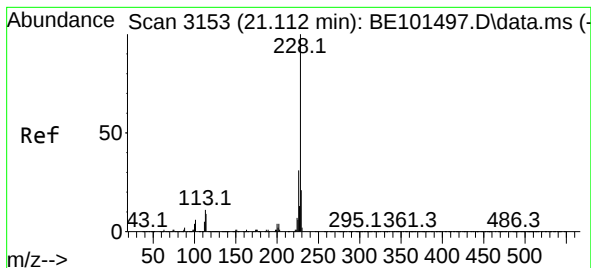
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#82
3,3'-Dichlorobenzidine
Concen: 48.517 ng
RT: 21.025 min Scan# 3138
Delta R.T. -0.005 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

Tgt Ion:252 Resp: 395580
Ion Ratio Lower Upper
252 100
254 64.7 52.9 79.3
126 10.1 7.8 11.6





#83

Chrysene

Concen: 53.743 ng

RT: 21.108 min Scan# 3152

Delta R.T. -0.005 min

Lab File: BE101546.D

Acq: 8 Nov 2024 11:27

Instrument :

BNA_E

ClientSampleId :

PB164765BS

Tgt Ion:228 Resp: 105803

Ion Ratio Lower Upper

228 100

226 31.0 25.1 37.7

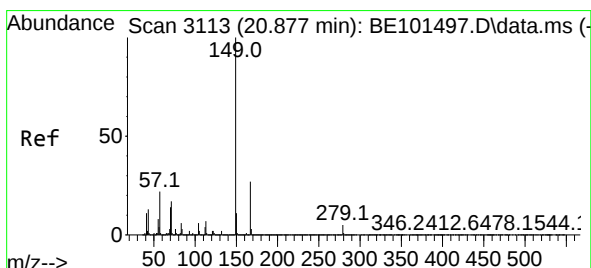
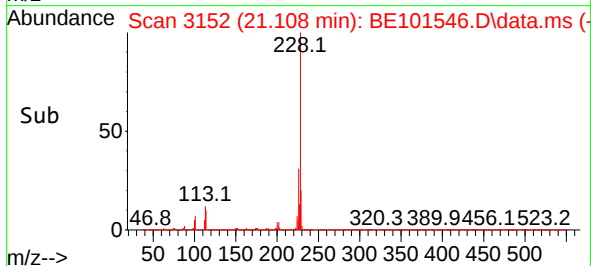
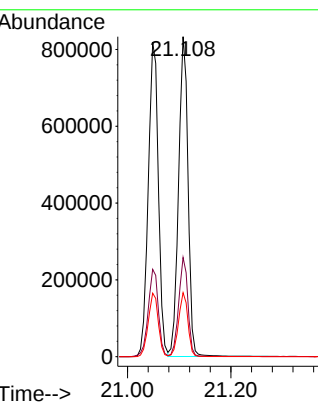
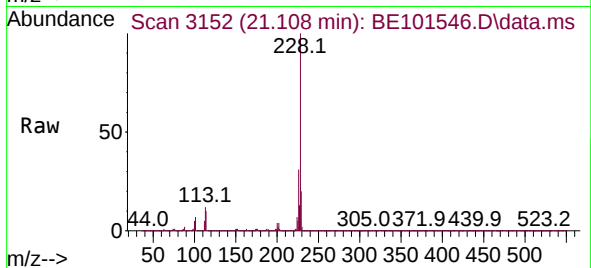
229 20.0 16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/10/2024

Supervised By :mohammad ahmed 11/11/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.480 ng

RT: 20.872 min Scan# 3112

Delta R.T. -0.005 min

Lab File: BE101546.D

Acq: 8 Nov 2024 11:27

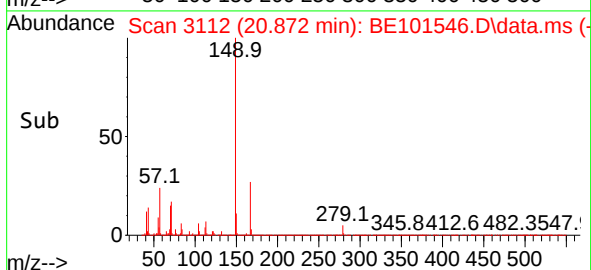
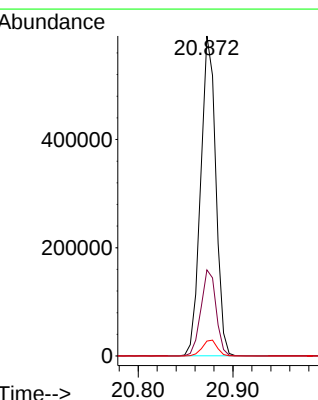
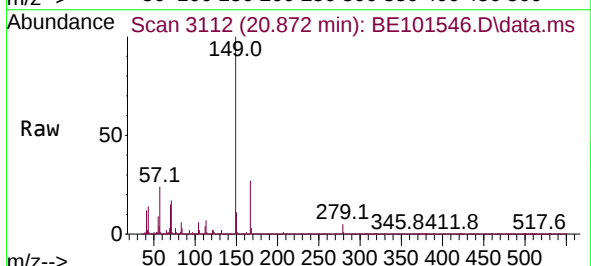
Tgt Ion:149 Resp: 653624

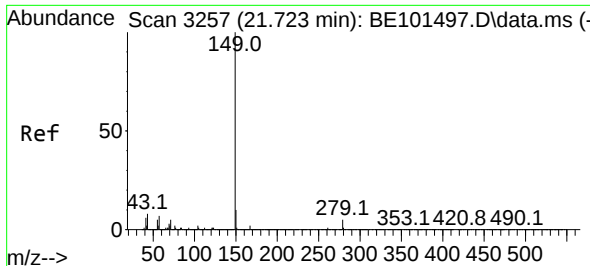
Ion Ratio Lower Upper

149 100

167 26.9 21.8 32.6

279 4.7 3.8 5.6





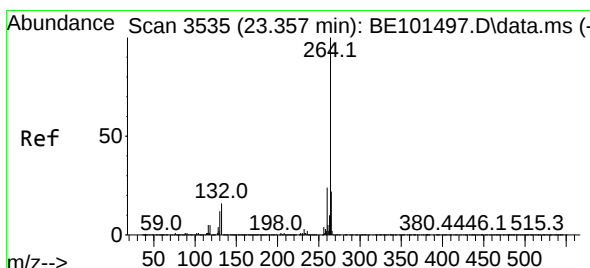
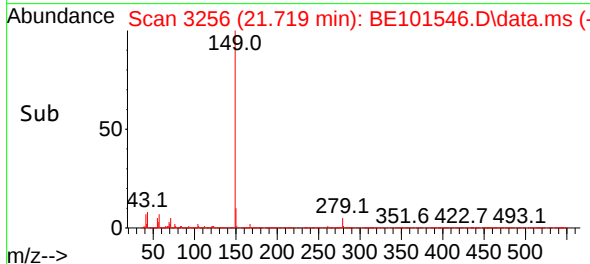
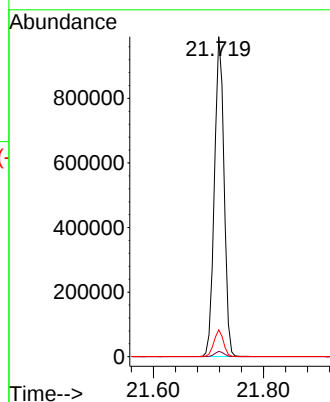
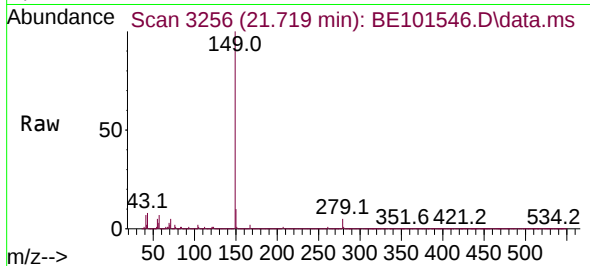
#85
Di-n-octyl phthalate
Concen: 52.750 ng
RT: 21.719 min Scan# 31
Delta R.T. -0.005 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

Instrument :
BNA_E
ClientSampleId :
PB164765BS

Tgt Ion:149 Resp: 120315
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.2 6.2 9.2

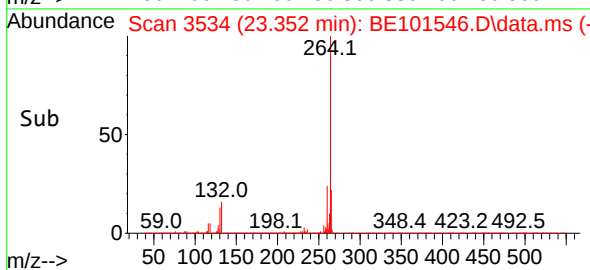
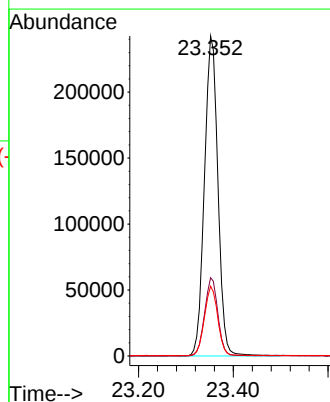
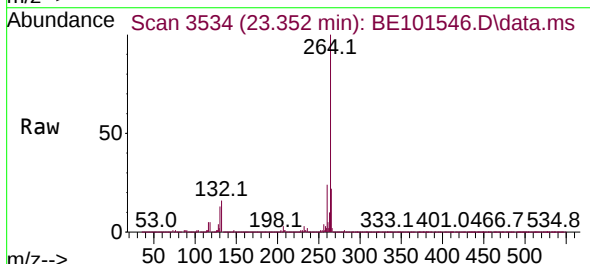
Manual Integrations
APPROVED

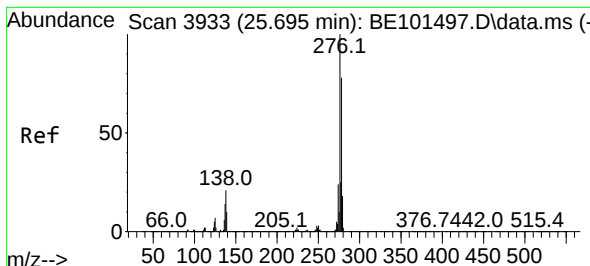
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.352 min Scan# 3534
Delta R.T. -0.005 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

Tgt Ion:264 Resp: 477959
Ion Ratio Lower Upper
264 100
260 24.4 19.4 29.2
265 21.8 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.262 ng

RT: 25.690 min Scan# 3933

Delta R.T. -0.005 min

Lab File: BE101546.D

Acq: 8 Nov 2024 11:27

Instrument :

BNA_E

ClientSampleId :

PB164765BS

Tgt Ion:276 Resp: 1782258

Ion Ratio Lower Upper

276 100

138 21.9 17.0 25.6

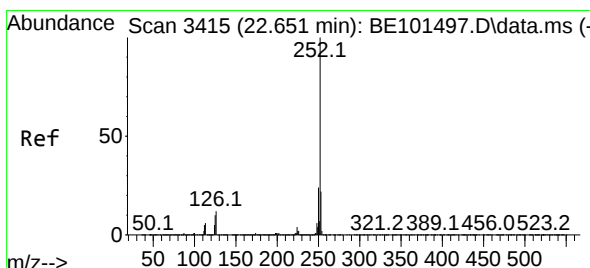
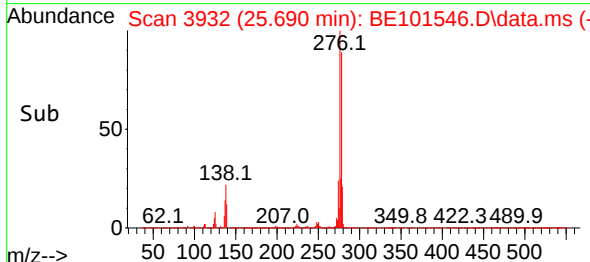
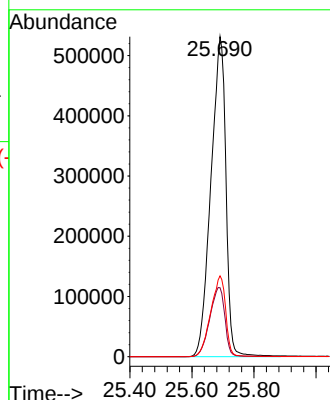
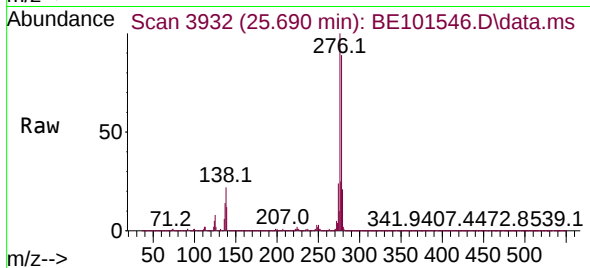
277 25.2 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/10/2024

Supervised By :mohammad ahmed 11/11/2024



#88

Benzo(b)fluoranthene

Concen: 49.739 ng

RT: 22.653 min Scan# 3415

Delta R.T. 0.001 min

Lab File: BE101546.D

Acq: 8 Nov 2024 11:27

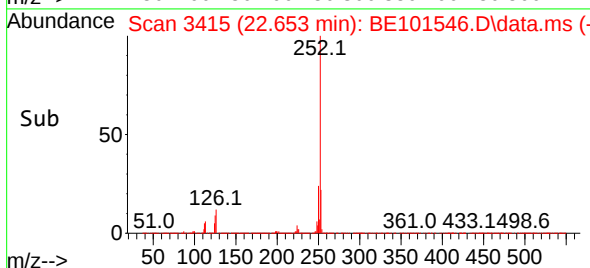
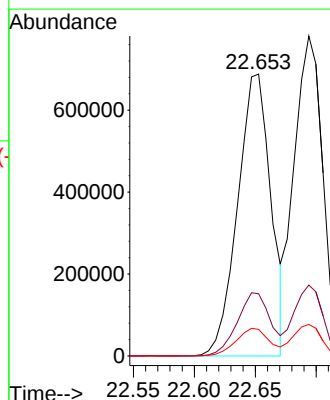
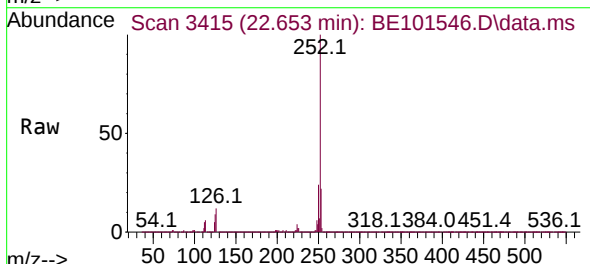
Tgt Ion:252 Resp: 1304299

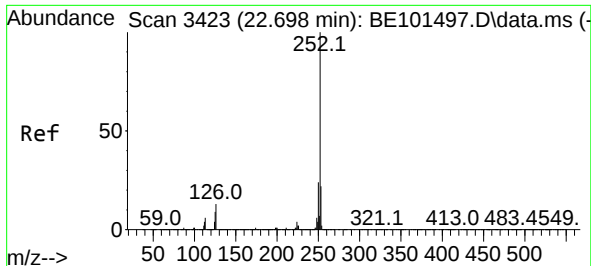
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 9.4 7.8 11.8





#89
Benzo(k)fluoranthene
Concen: 54.348 ng
RT: 22.694 min Scan# 3423
Delta R.T. -0.005 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

Instrument :

BNA_E

ClientSampleId :

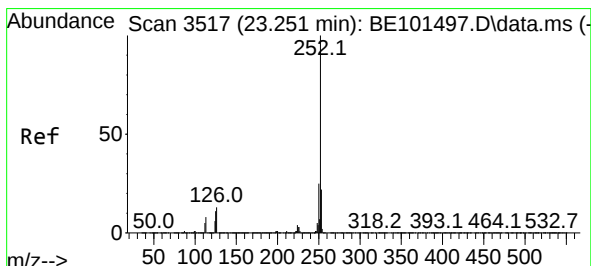
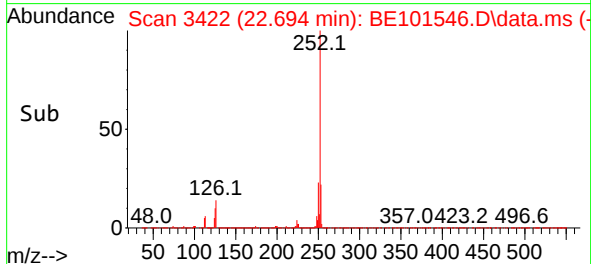
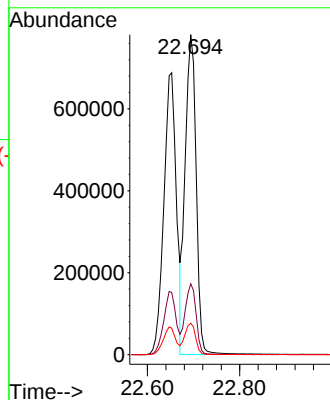
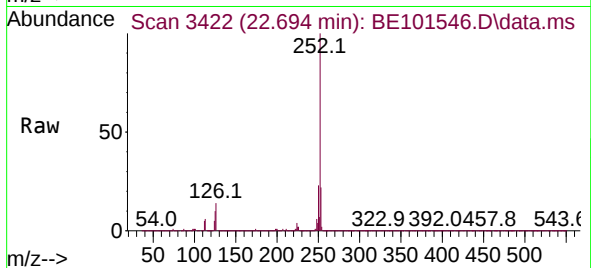
PB164765BS

Tgt Ion:252 Resp: 1293730
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 9.8 7.7 11.5

Manual Integrations

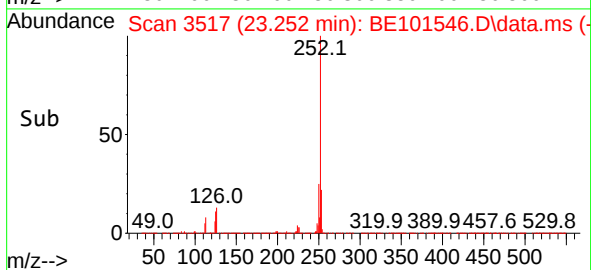
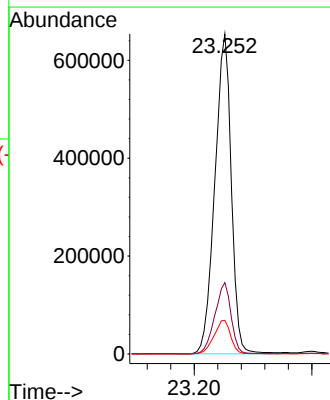
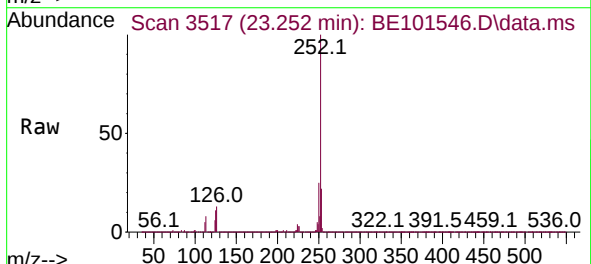
APPROVED

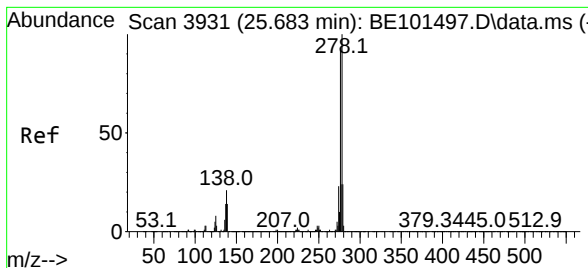
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#90
Benzo(a)pyrene
Concen: 55.741 ng
RT: 23.252 min Scan# 3517
Delta R.T. 0.001 min
Lab File: BE101546.D
Acq: 8 Nov 2024 11:27

Tgt Ion:252 Resp: 1261937
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 10.5 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 53.972 ng

RT: 25.684 min Scan# 3931

Delta R.T. 0.001 min

Lab File: BE101546.D

Acq: 8 Nov 2024 11:27

Instrument :

BNA_E

ClientSampleId :

PB164765BS

Tgt Ion:278 Resp: 147637

Ion Ratio Lower Upper

278 100

139 14.0 11.2 16.8

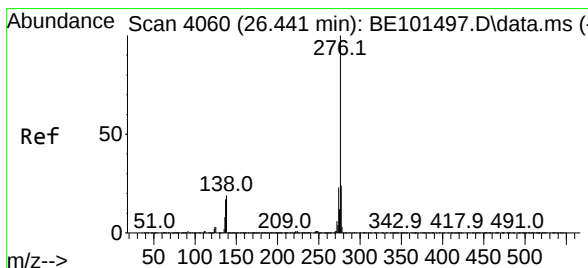
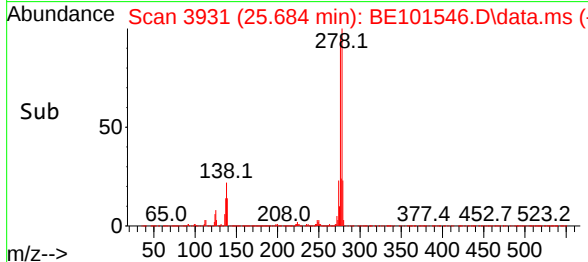
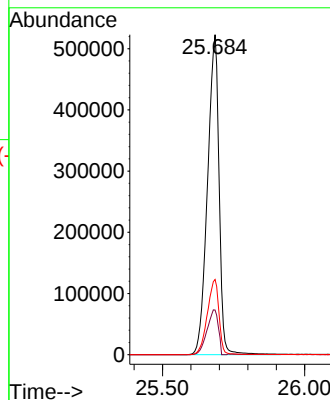
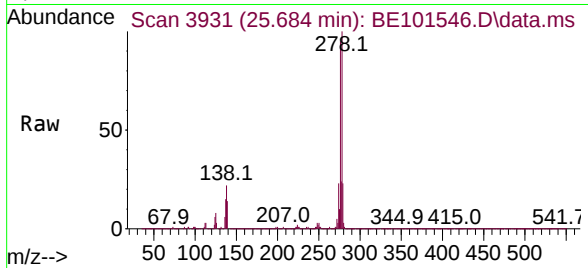
279 23.5 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/10/2024

Supervised By :mohammad ahmed 11/11/2024



#92

Benzo(g,h,i)perylene

Concen: 47.712 ng

RT: 26.437 min Scan# 4059

Delta R.T. -0.005 min

Lab File: BE101546.D

Acq: 8 Nov 2024 11:27

Tgt Ion:276 Resp: 1325956

Ion Ratio Lower Upper

276 100

277 24.3 19.5 29.3

138 18.6 15.3 22.9

